

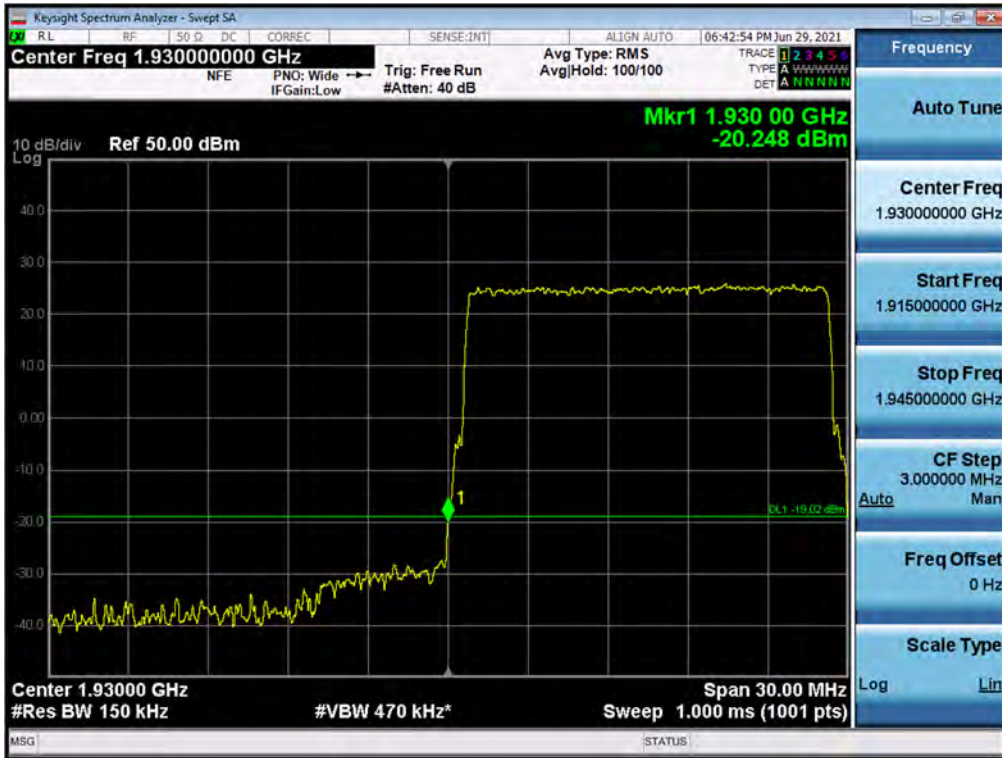
Antenna 0 / B25 LTE 10 MHz & NB-IoT 1 Carrier + B25 LTE 20 MHz & NB-IoT 1 Carrier [2 Carrier] / Non-Contiguous / 16QAM / Low



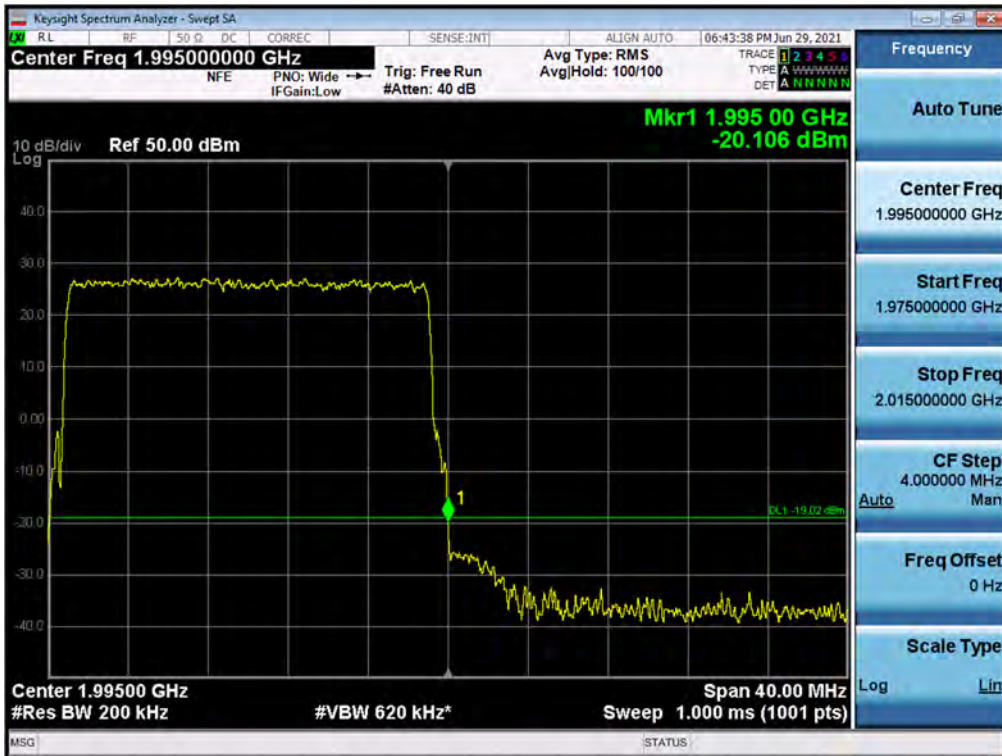
Antenna 1 / B25 LTE 10 MHz & NB-IoT 1 Carrier + B25 LTE 20 MHz & NB-IoT 1 Carrier [2 Carrier] / Non-Contiguous / 256QAM / High



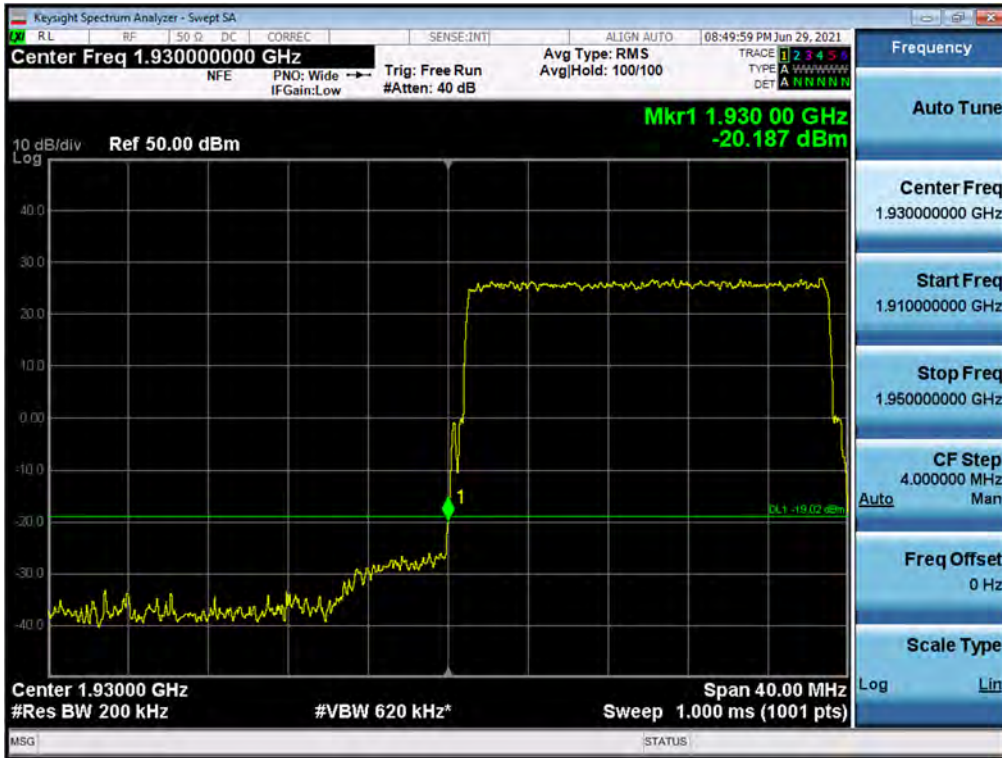
Antenna 3 / B25 LTE 15 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier [2 Carrier] / Non-Contiguous / 64QAM / Low



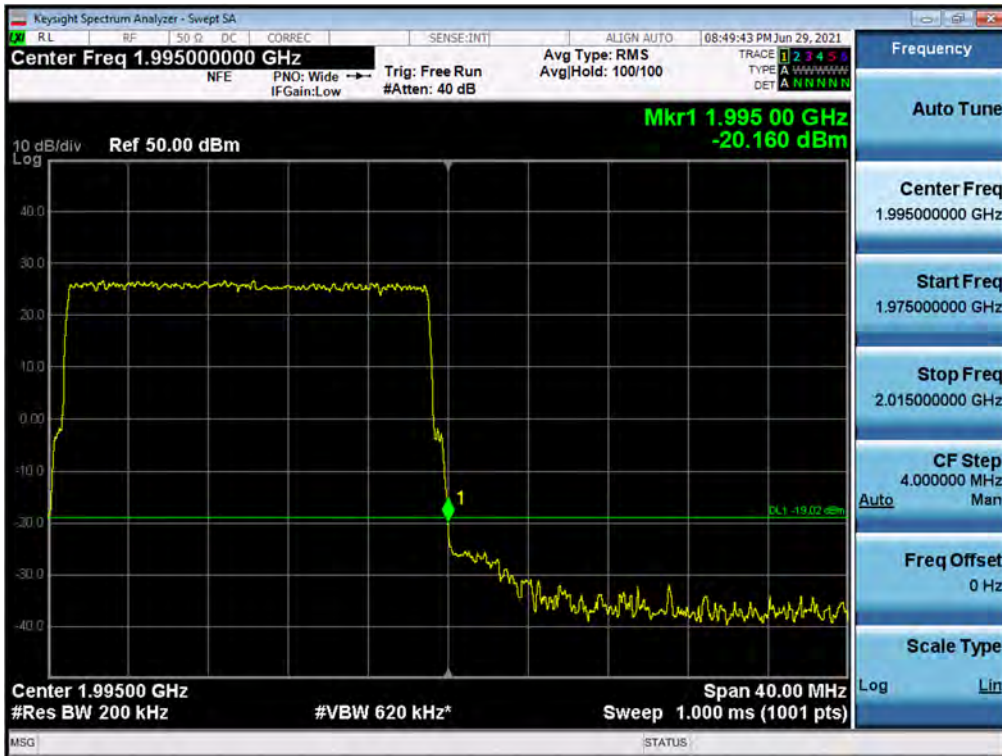
Antenna 3 / B25 LTE 15 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier [2 Carrier] / Non-Contiguous / 256QAM / High



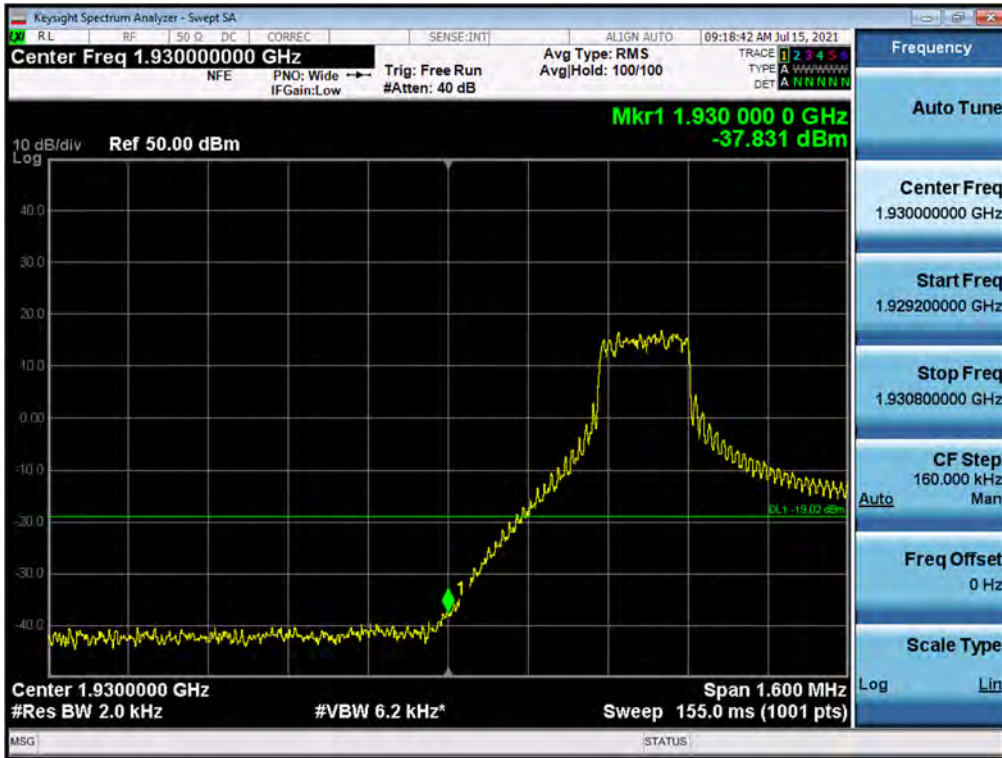
Antenna 1 / B25 LTE 20 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier [2 Carrier] / Non-Contiguous / 64QAM / Low



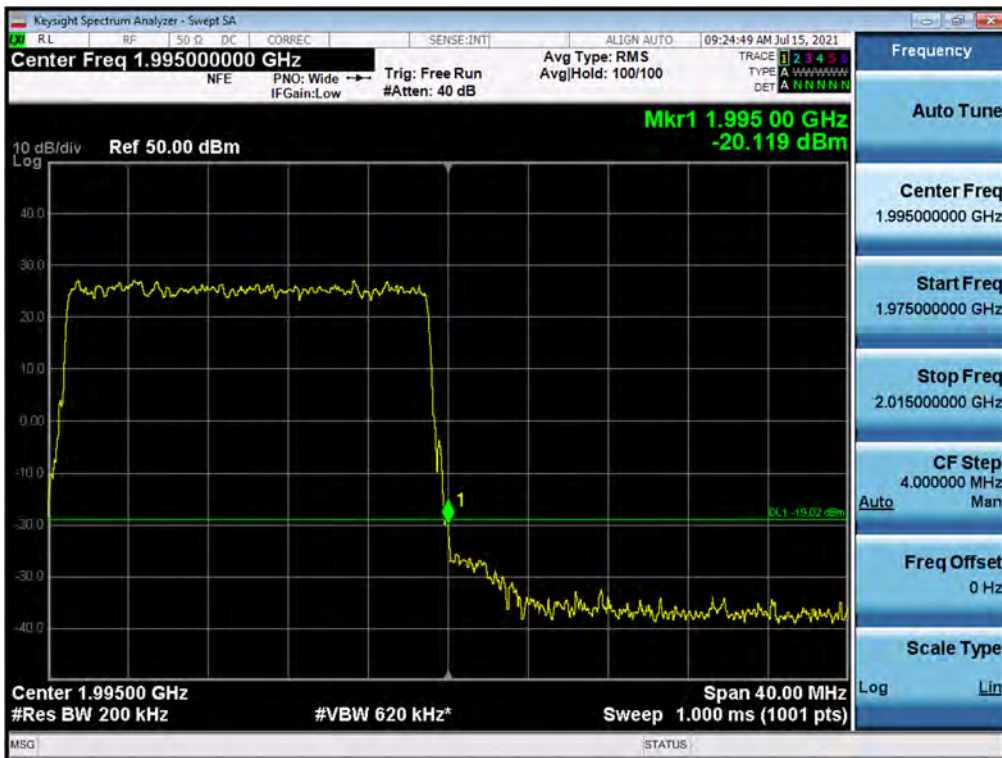
Antenna 1 / B25 LTE 20 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier [2 Carrier] / Non-Contiguous / QPSK / High



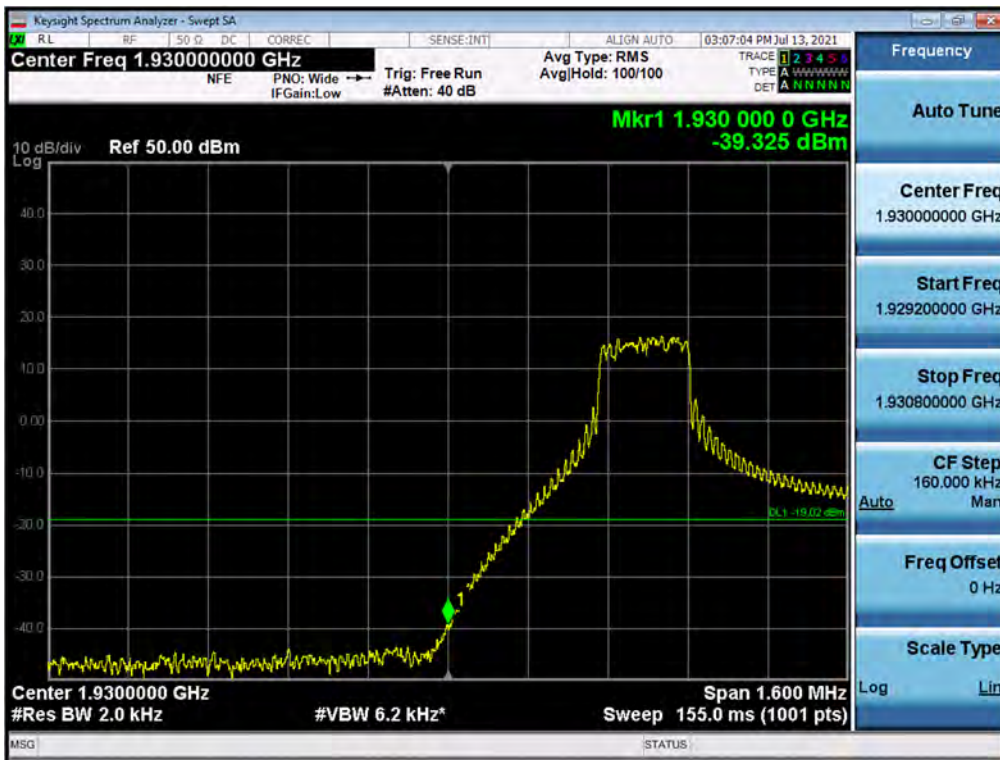
Antenna 1 / B25 LTE 20 MHz & NB-IoT 1 Carrier + B25 LTE 20 MHz 1 Carrier [2 Carrier] / Non-Contiguous / 16QAM / Low



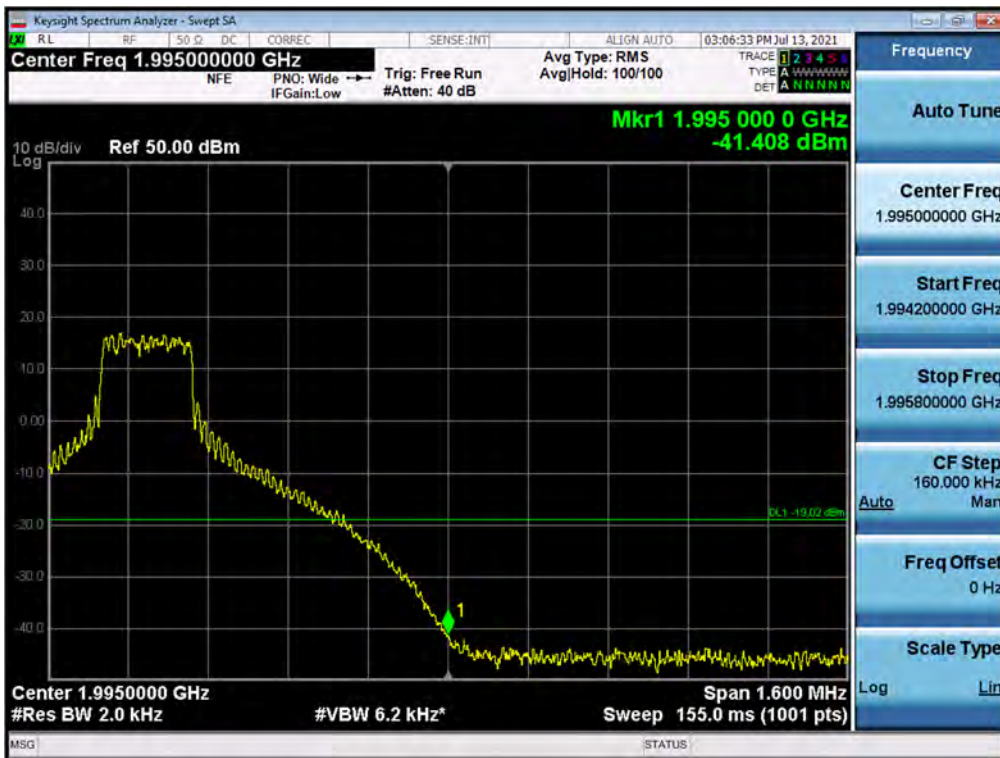
Antenna 0 / B25 LTE 20 MHz & NB-IoT 1 Carrier + B25 LTE 20 MHz 1 Carrier [2 Carrier] / Non-Contiguous / 16QAM / High



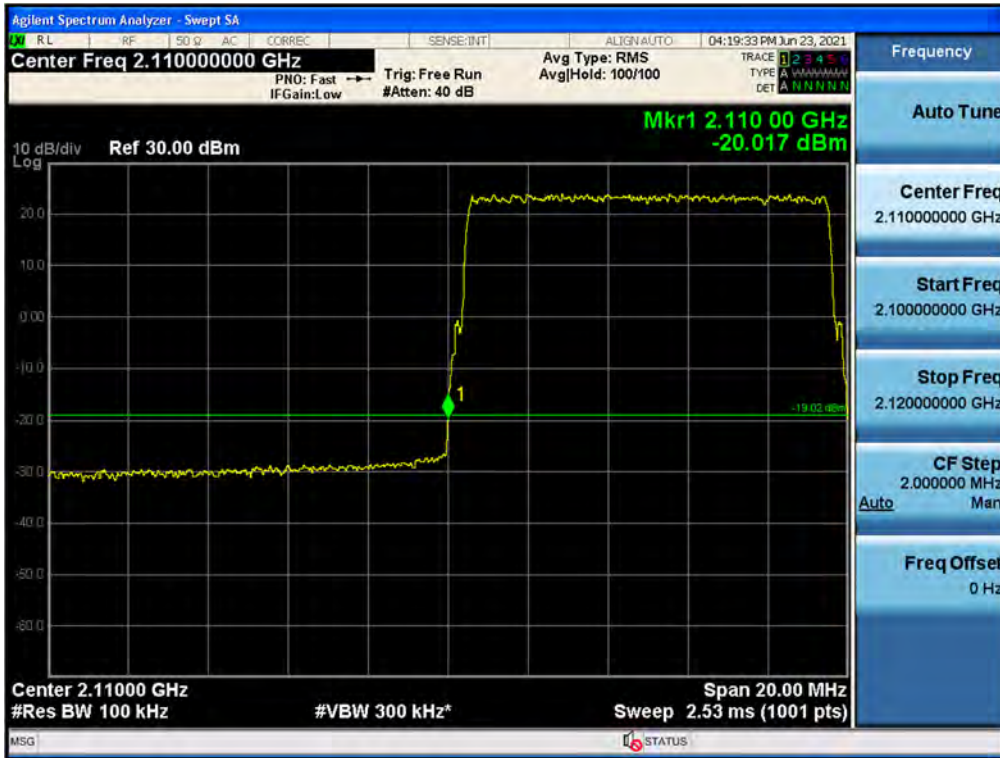
Antenna 1 / B25 LTE 20 MHz & NB-IoT 1 Carrier + B25 LTE 20 MHz & NB-IoT 1 Carrier [2 Carrier] / Non-Contiguous / 256QAM / Low



Antenna 1 / B25 LTE 20 MHz & NB-IoT 1 Carrier + B25 LTE 20 MHz & NB-IoT 1 Carrier [2 Carrier] / Non-Contiguous / 64QAM / High



## Antenna 1 / B66 LTE 10 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier [2 Carrier] / Non-Contiguous / QPSK / Low

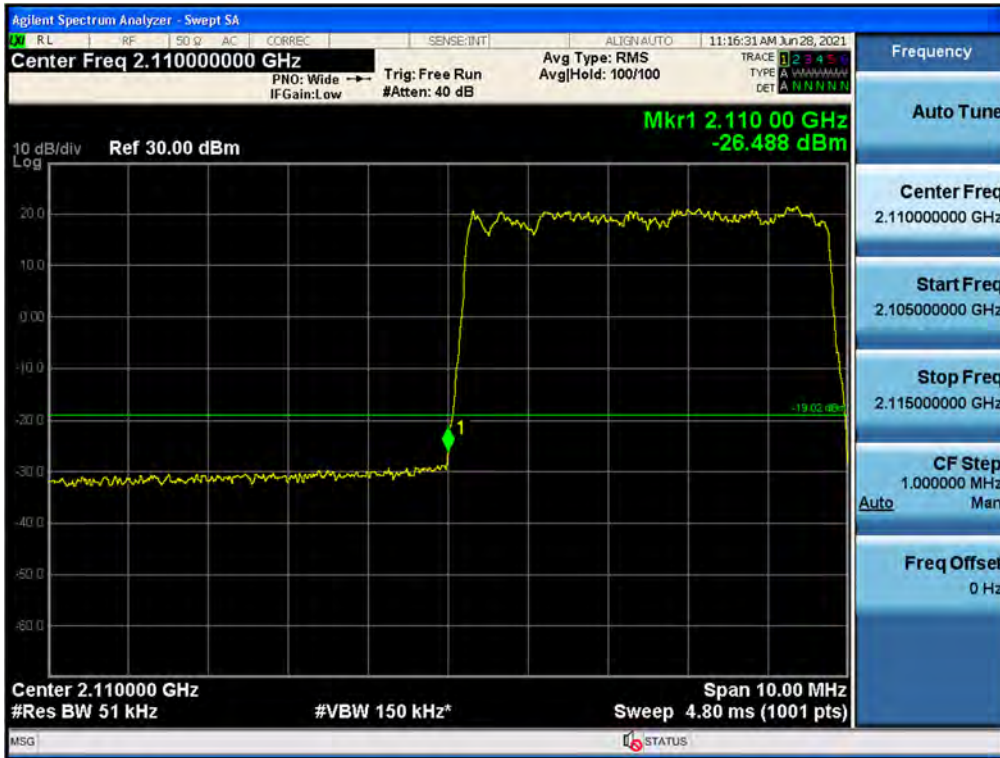
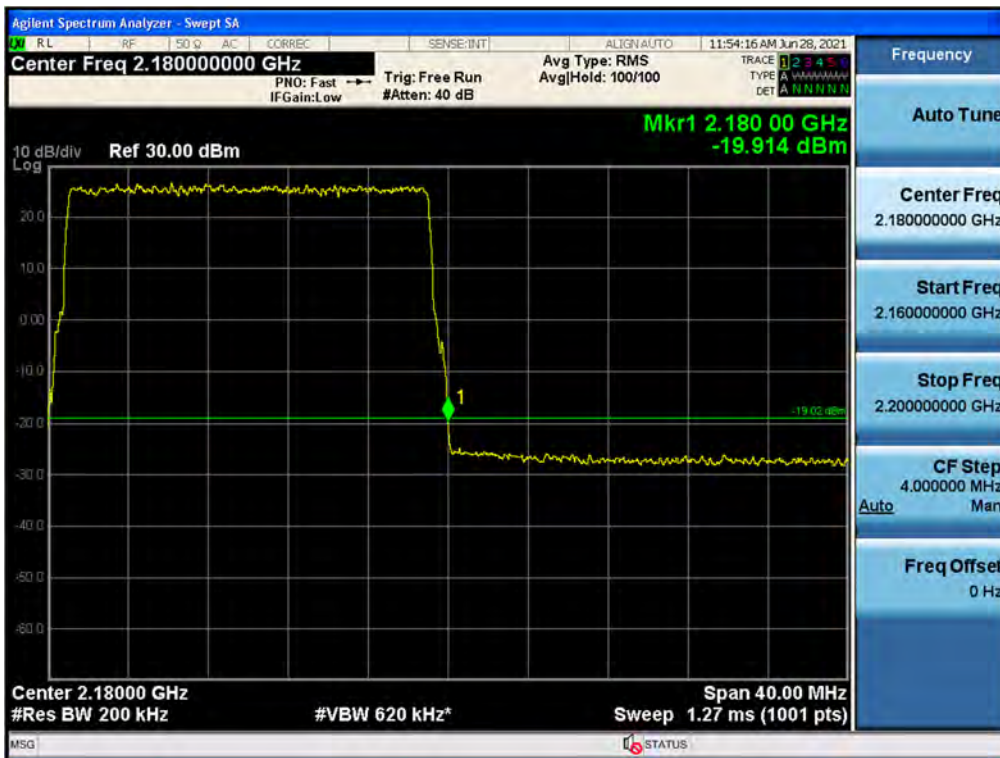


## Antenna 1 / B66 LTE 10 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier [2 Carrier] / Non-Contiguous / 256QAM / High



**Antenna 2 / B66 LTE 5 MHz 1 Carrier + B66 LTE 10 MHz & NB-IoT 1 Carrier [2 Carrier] / Non-Contiguous / 16QAM / Low**

**Antenna 0 / B66 LTE 5 MHz 1 Carrier + B66 LTE 10 MHz & NB-IoT 1 Carrier [2 Carrier] / Non-Contiguous / QPSK / High**

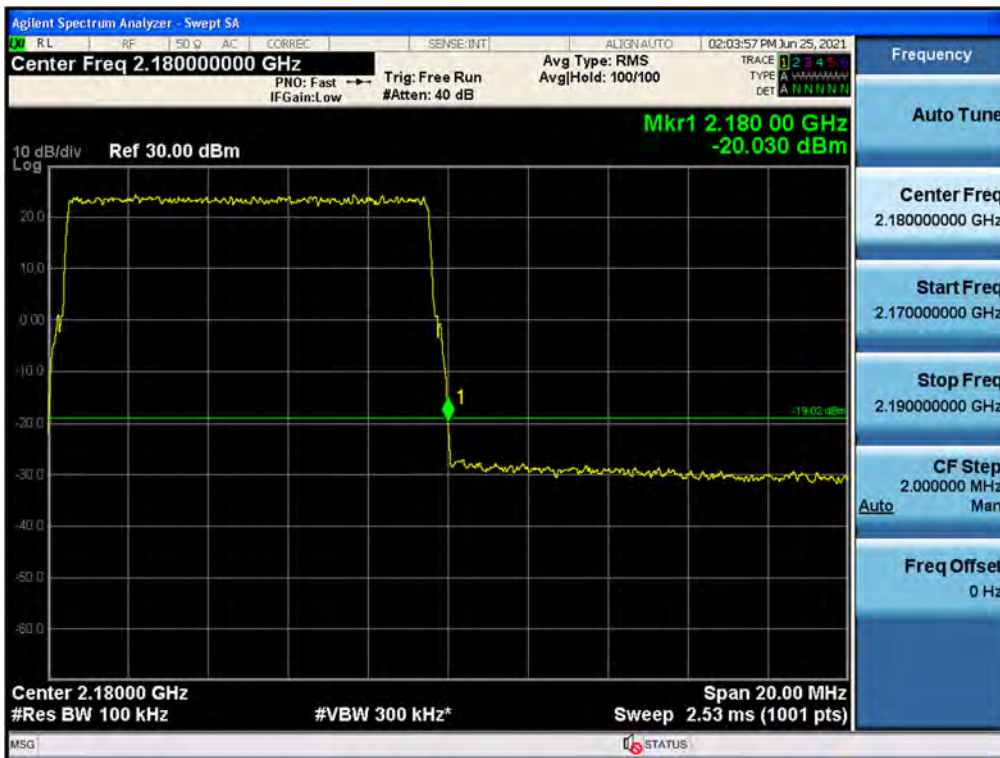

**Antenna 1 / B66 LTE 5 MHz 1 Carrier + B66 LTE 20 MHz 1 Carrier [2 Carrier] / Non-Contiguous / 16QAM / Low**

**Antenna 3 / B66 LTE 5 MHz 1 Carrier + B66 LTE 20 MHz 1 Carrier [2 Carrier] / Non-Contiguous / 256QAM / High**




**Antenna 1 / B66 LTE 5 MHz 1 Carrier + B66 LTE 20 MHz & NB-IoT 1 Carrier [2 Carrier] / Non-Contiguous / QPSK / Low**

**Antenna 2 / B66 LTE 5 MHz 1 Carrier + B66 LTE 20 MHz & NB-IoT 1 Carrier [2 Carrier] / Non-Contiguous / 256QAM / High**

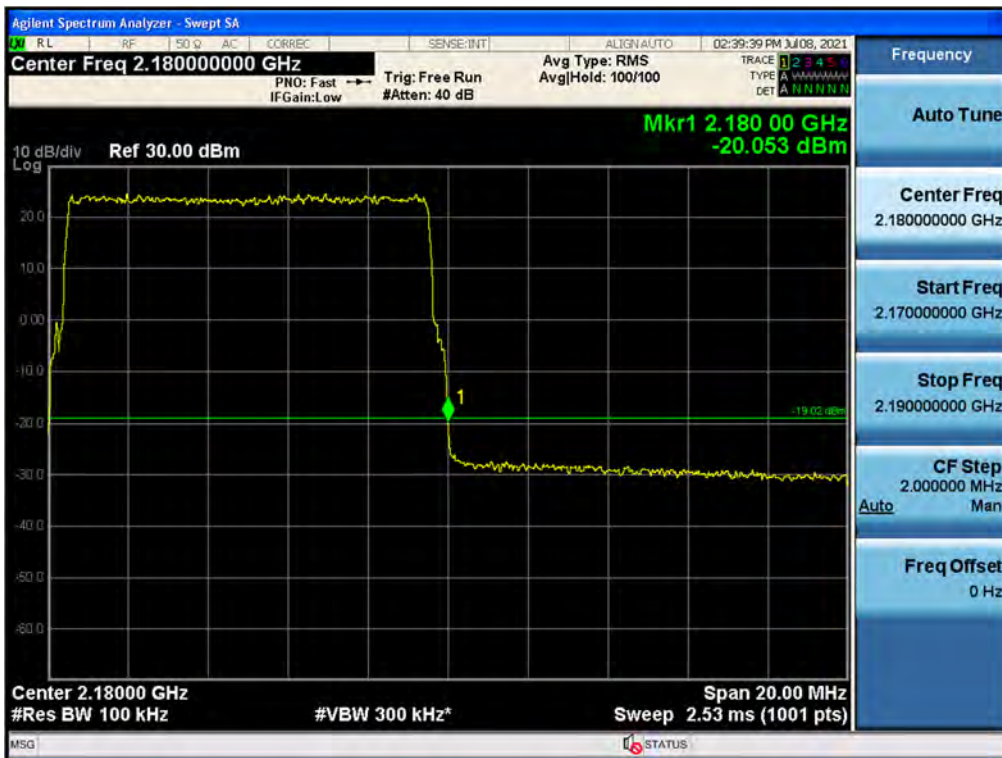

**Antenna 0 / B66 LTE 10 MHz 1 Carrier + B66 LTE 10 MHz 1 Carrier [2 Carrier] / Non-Contiguous / 256QAM / Low**

**Antenna 2 / B66 LTE 10 MHz 1 Carrier + B66 LTE 10 MHz 1 Carrier [2 Carrier] / Non-Contiguous / QPSK / High**


Antenna 0 / B66 LTE 10 MHz & NB-IoT 1 Carrier + B66 LTE 10 MHz 1 Carrier [2 Carrier] / Non-Contiguous / 64QAM / Low



Antenna 3 / B66 LTE 10 MHz & NB-IoT 1 Carrier + B66 LTE 10 MHz 1 Carrier [2 Carrier] / Non-Contiguous / QPSK / High



Antenna 3 / B66 LTE 10 MHz & NB-IoT 1 Carrier + B66 LTE 10 MHz & NB-IoT 1 Carrier [2 Carrier] / Non-Contiguous / 16QAM / Low



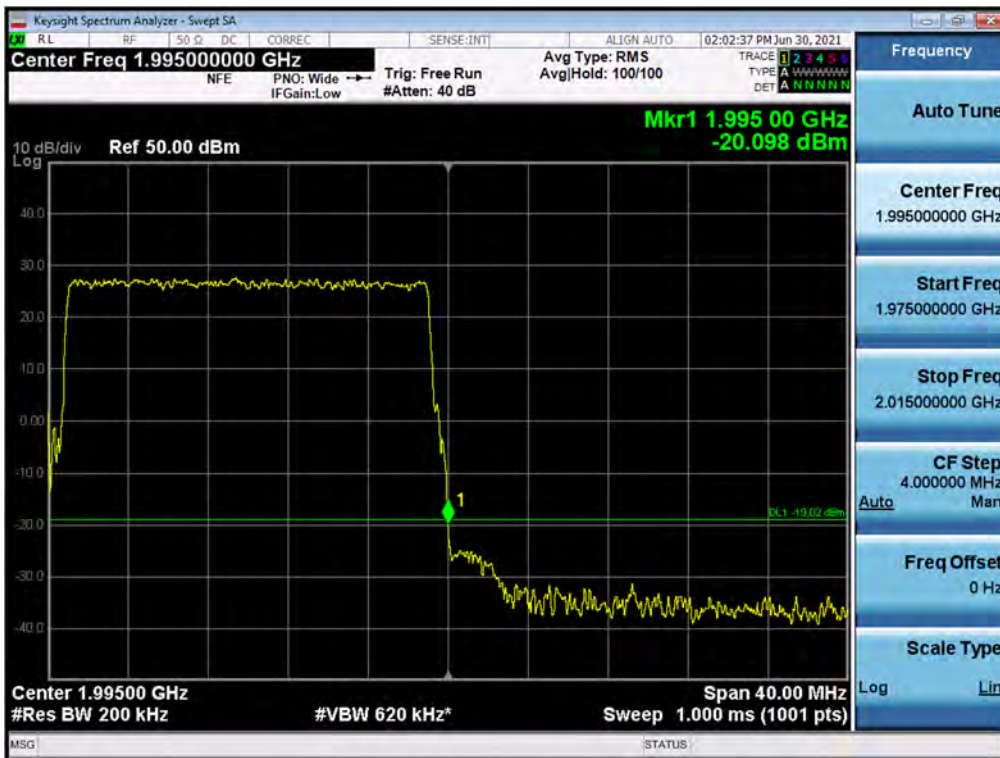
Antenna 3 / B66 LTE 10 MHz & NB-IoT 1 Carrier + B66 LTE 10 MHz & NB-IoT 1 Carrier [2 Carrier] / Non-Contiguous / 16QAM / High



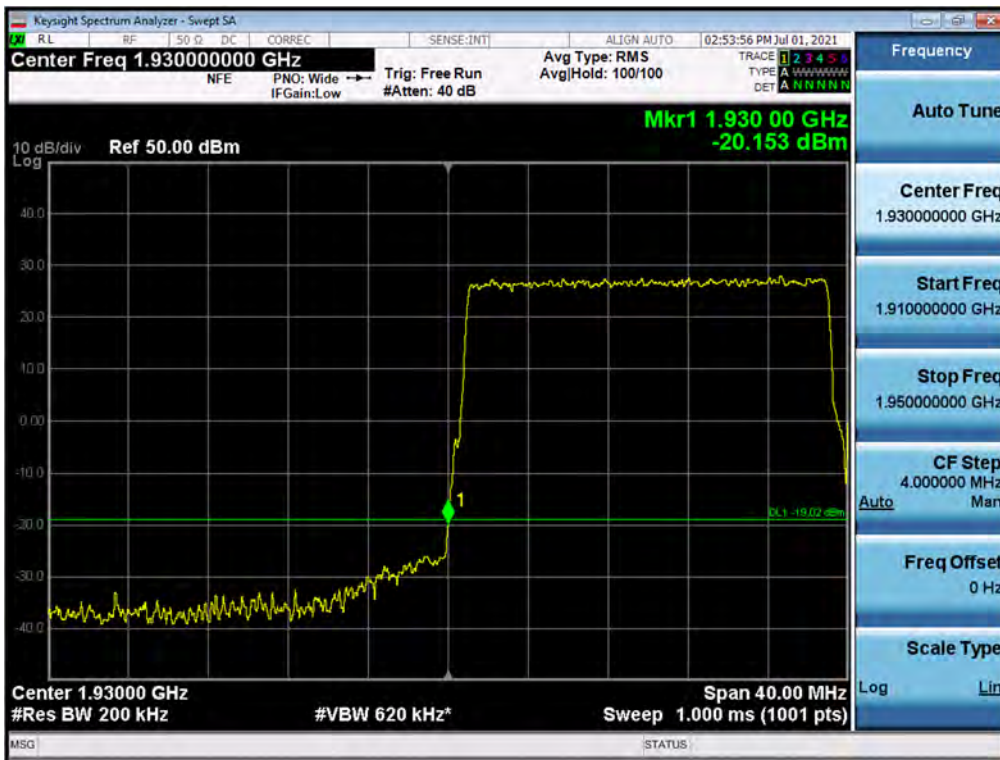
Antenna 1 / B25 LTE 5 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier [3 Carrier] (1C+2C) / Non-Contiguous / 64QAM / Low



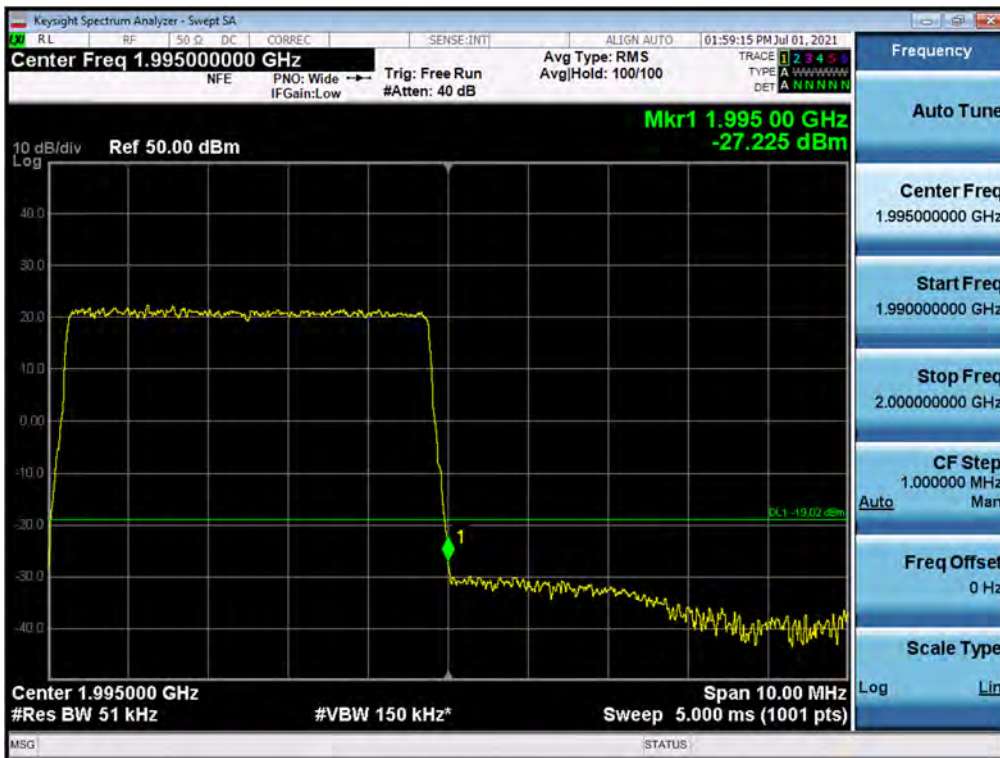
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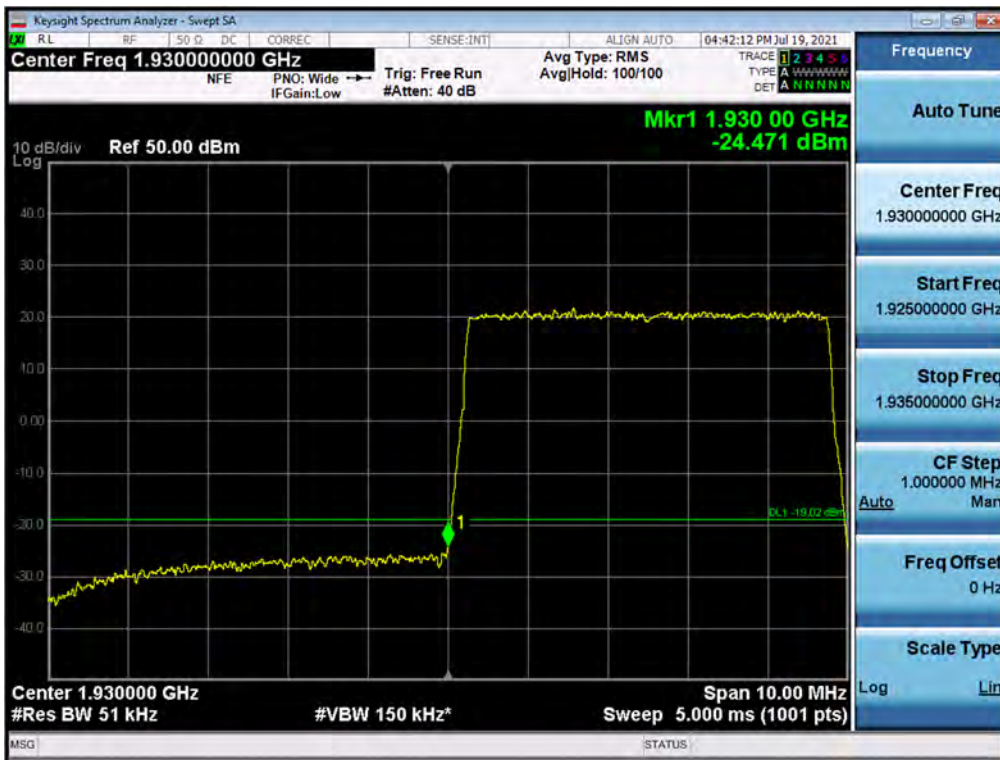
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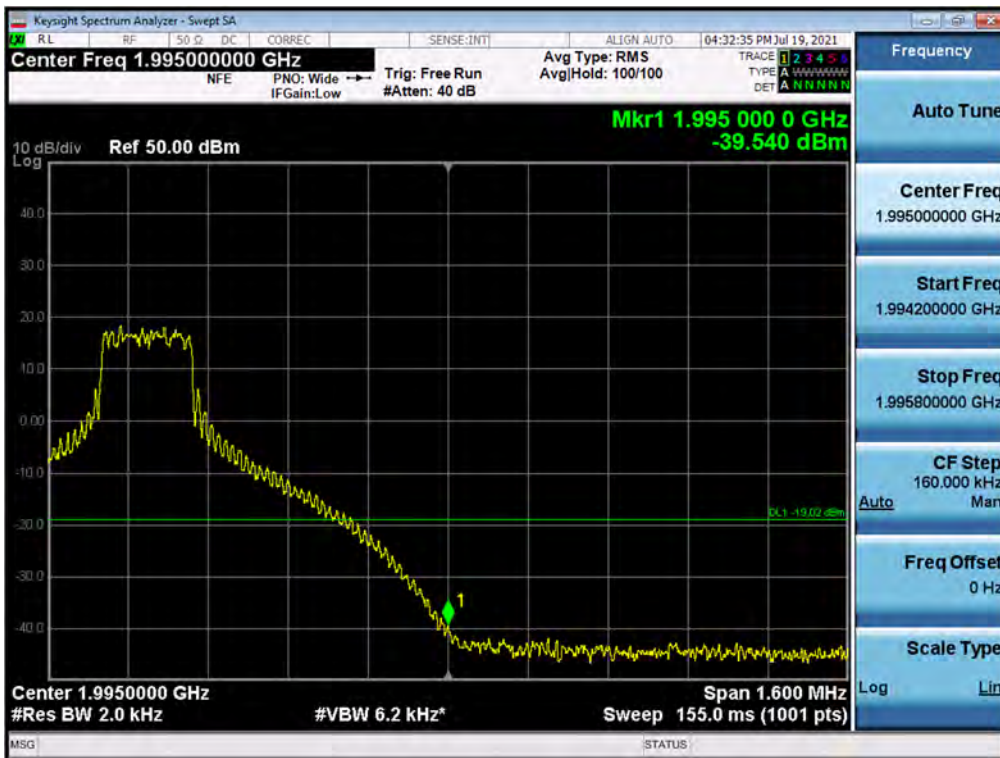
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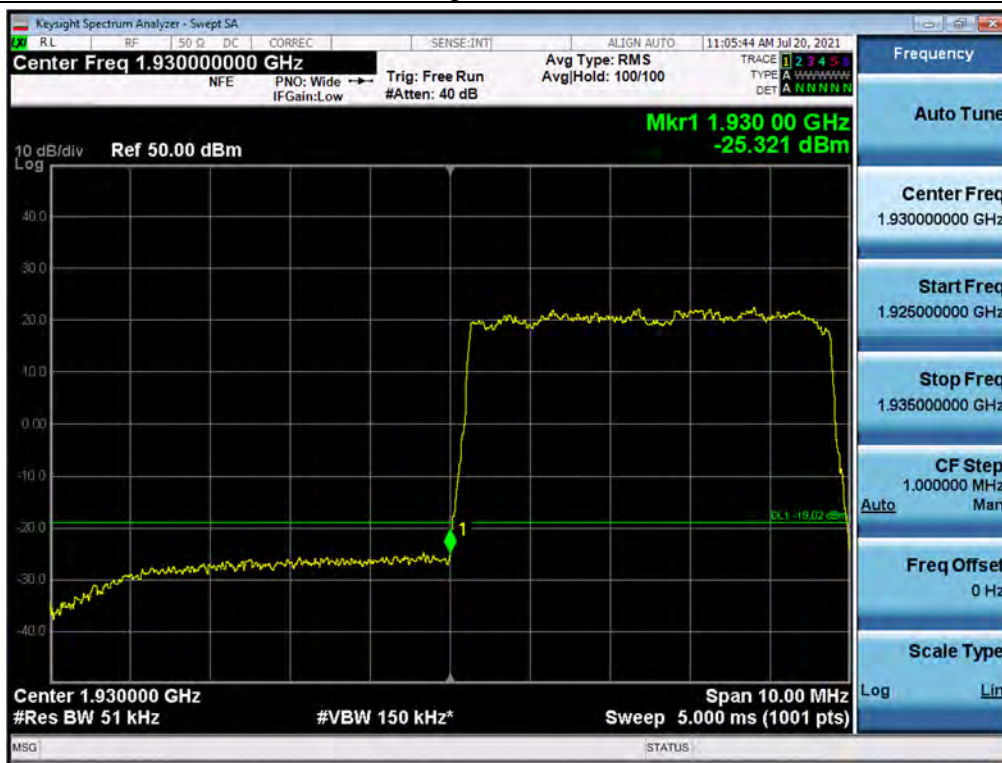
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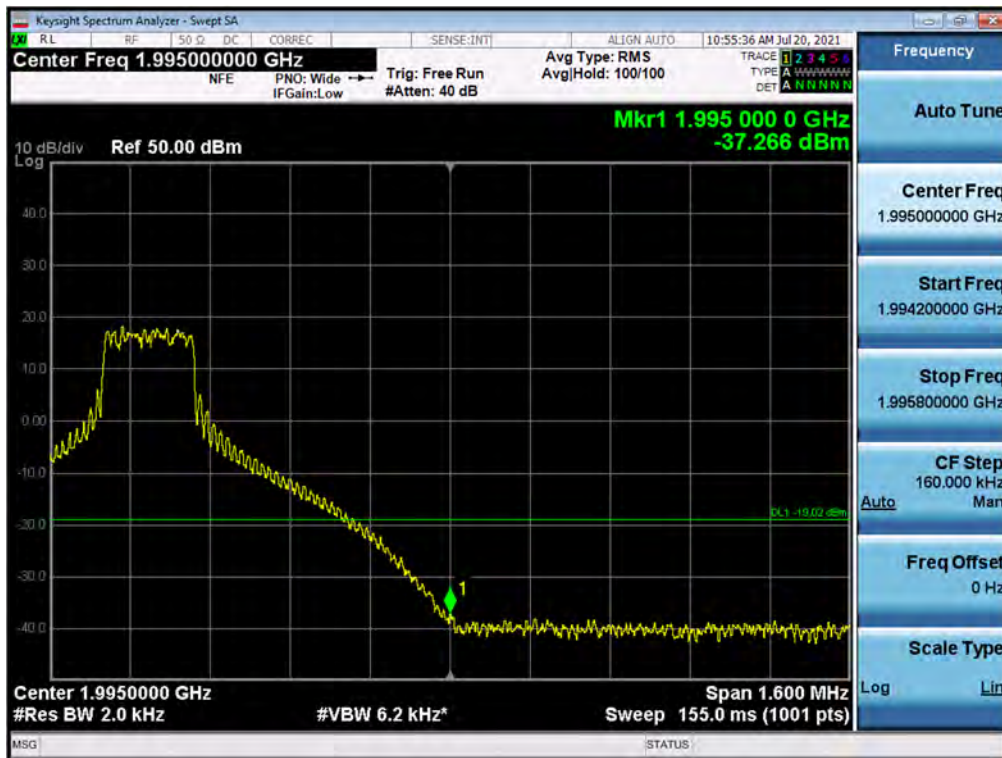
Antenna 3 / B25 LTE 5 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz & NB-IoT 1 Carrier [3 Carrier] (1C+2C) / Non-Contiguous / 16QAM / High



Antenna 3 / B25 LTE 5 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz & NB-IoT 1 Carrier [3 Carrier] (2C+1C) / Non-Contiguous / 16QAM / Low

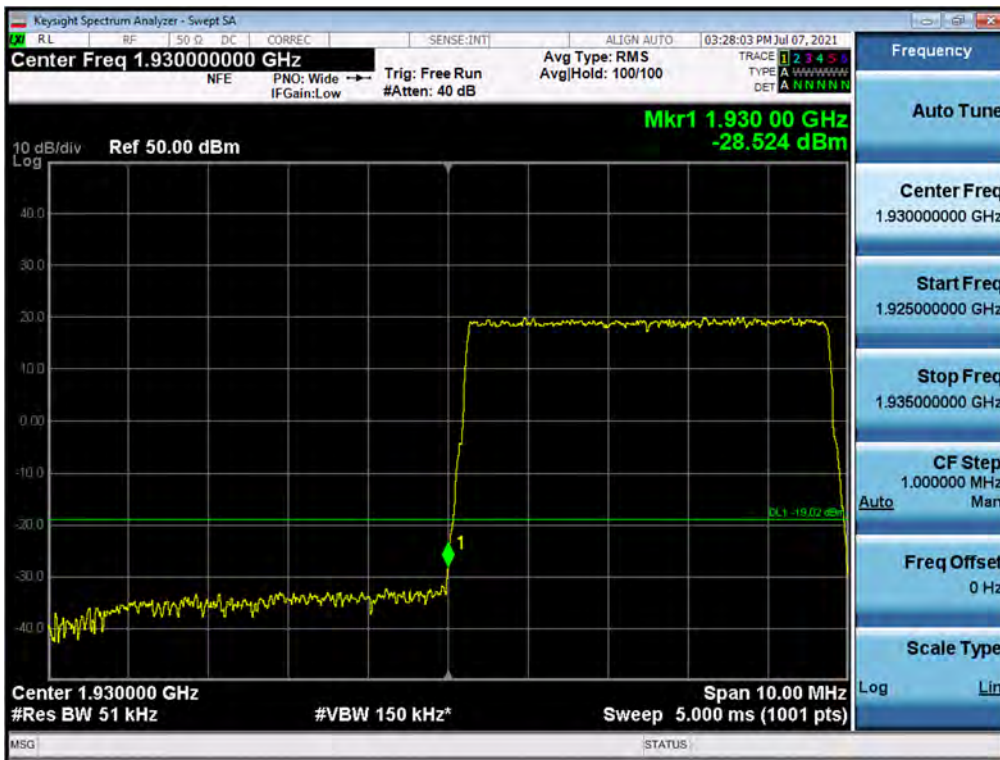


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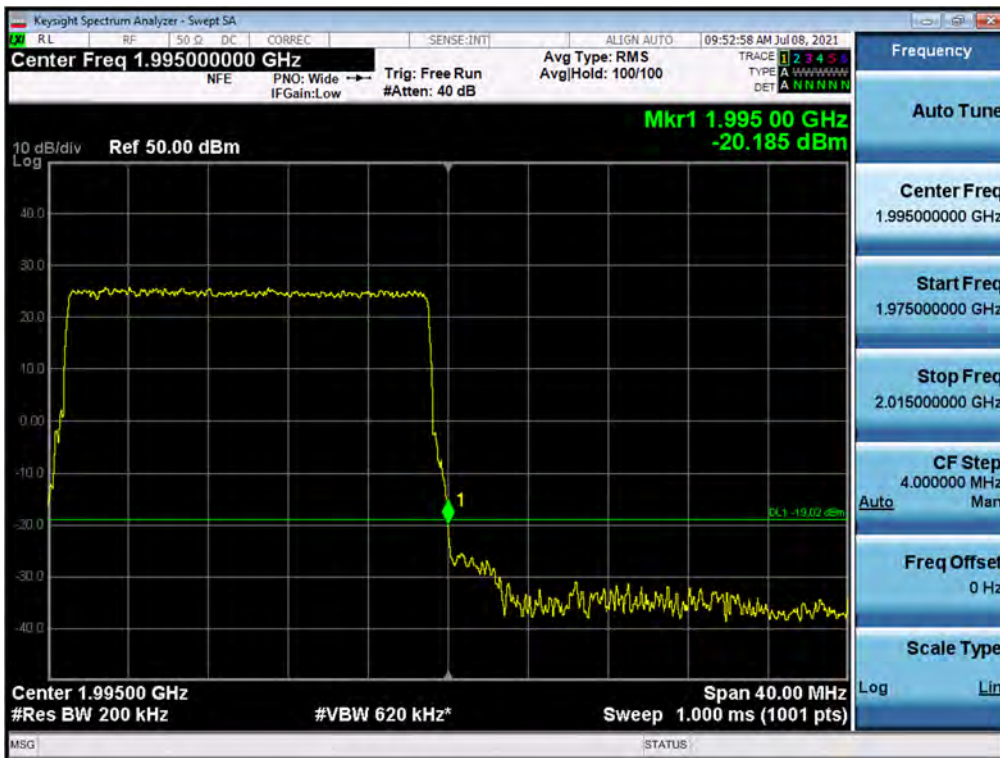




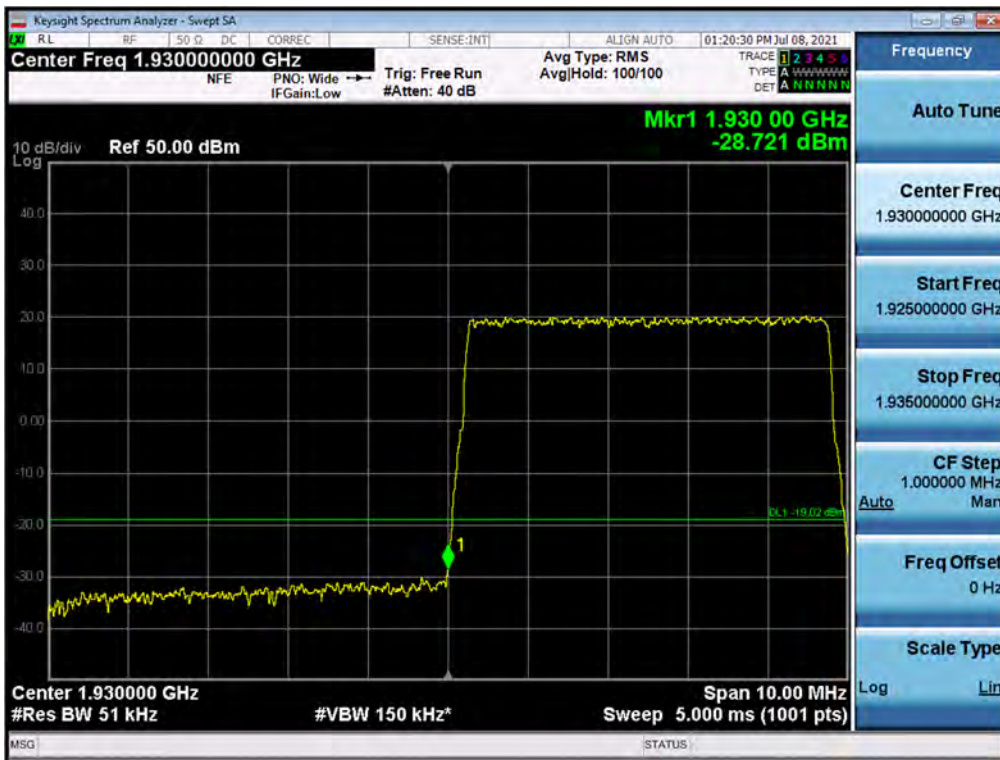
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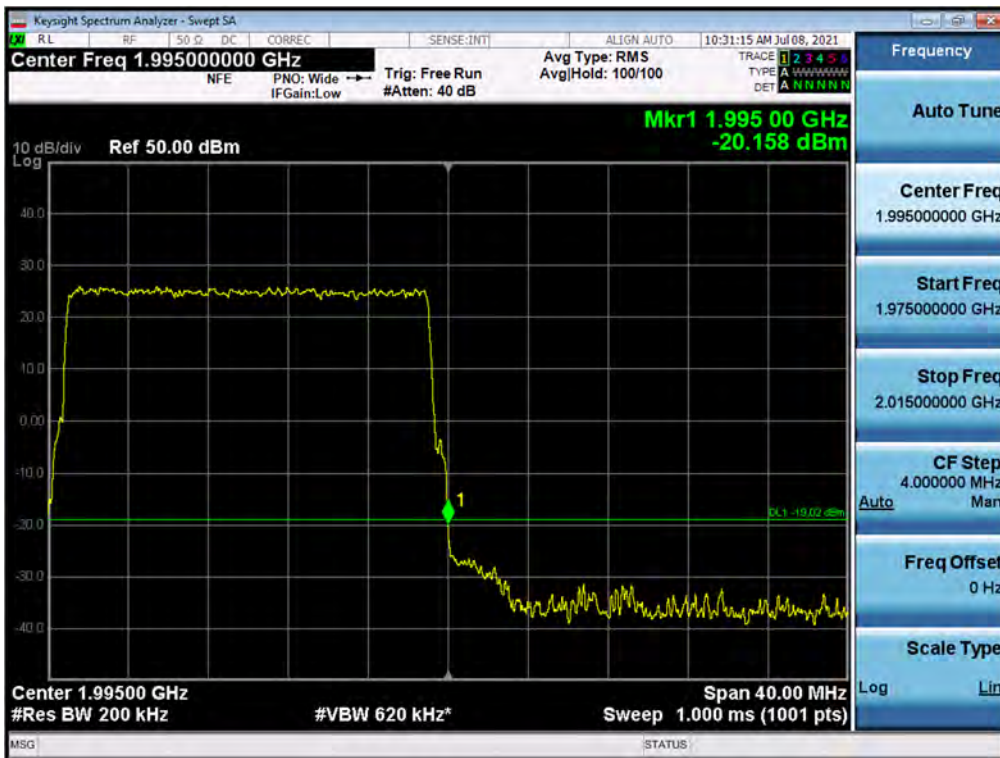
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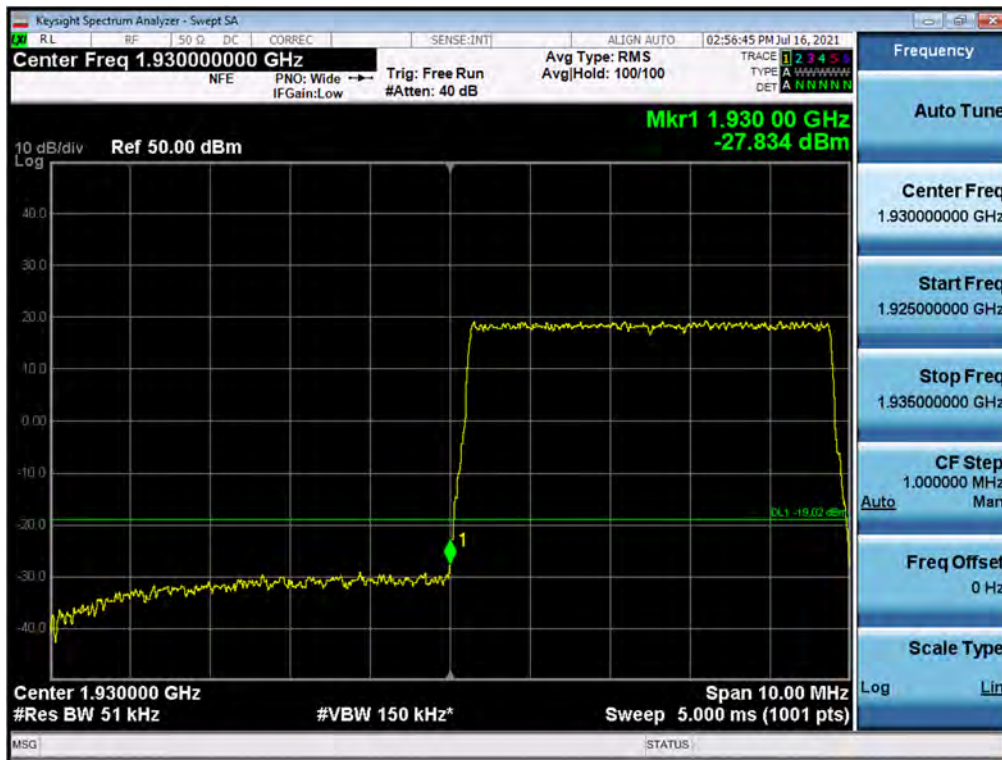
Antenna 1 / B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier [3 Carrier] (2C+1C) / Non-Contiguous / 256QAM / Low



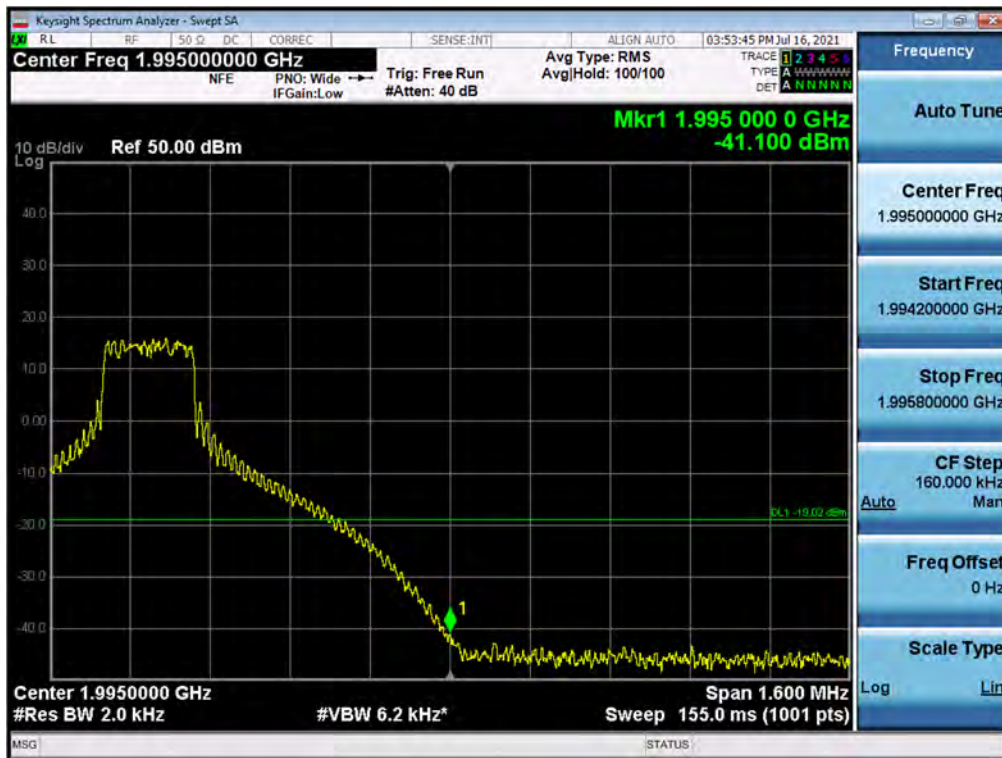
Antenna 3 / B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier [3 Carrier] (2C+1C) / Non-Contiguous / 256QAM / High



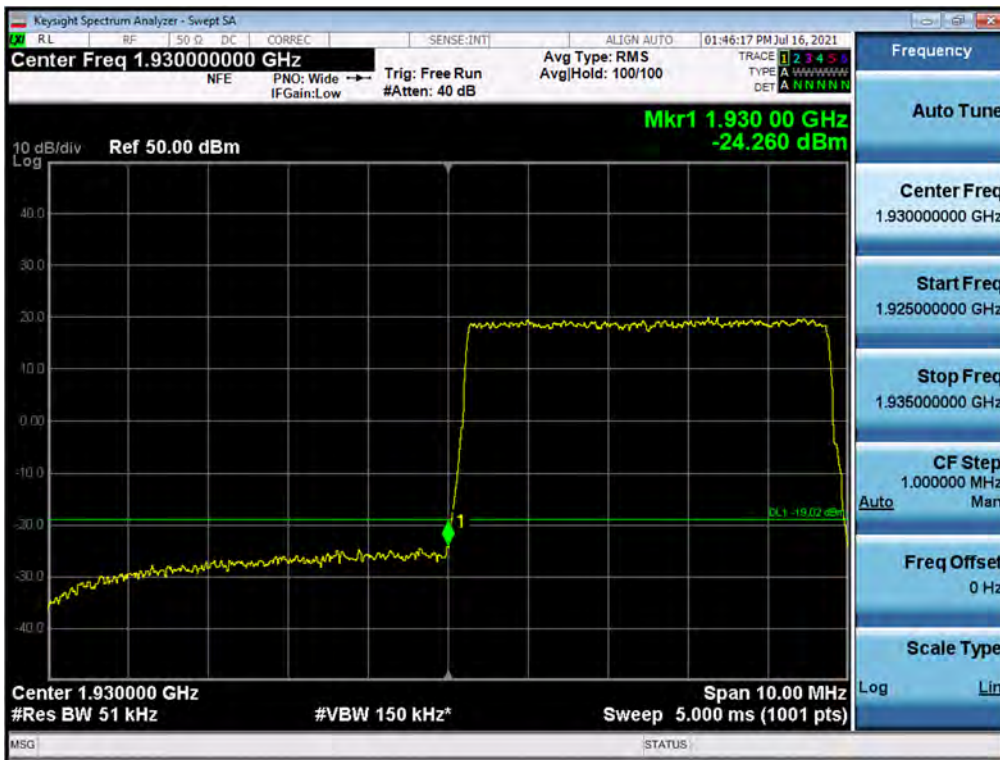
Antenna 2 / B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 20 MHz & NB-IoT 1 Carrier [3 Carrier] (1C+2C)  
/ Non-Contiguous / QPSK / Low



Antenna 0 / B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 20 MHz & NB-IoT 1 Carrier [3 Carrier] (1C+2C)  
/ Non-Contiguous / QPSK / High



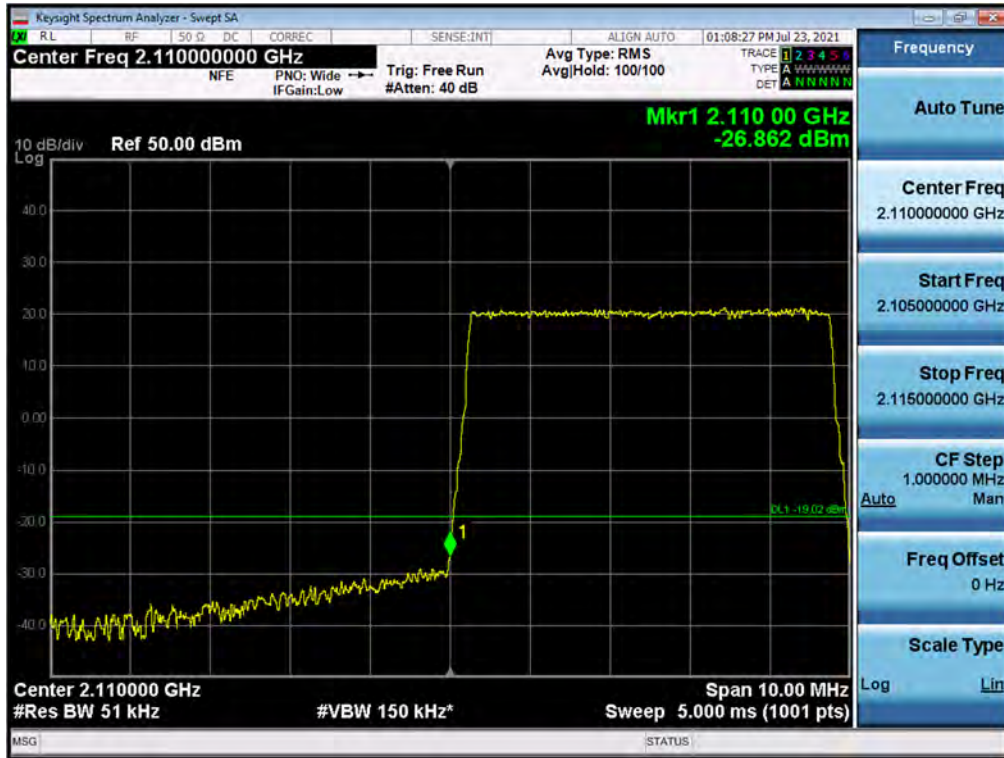
Antenna 3 / B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 20 MHz & NB-IoT 1 Carrier [3 Carrier] (2C+1C)  
 / Non-Contiguous / QPSK / Low



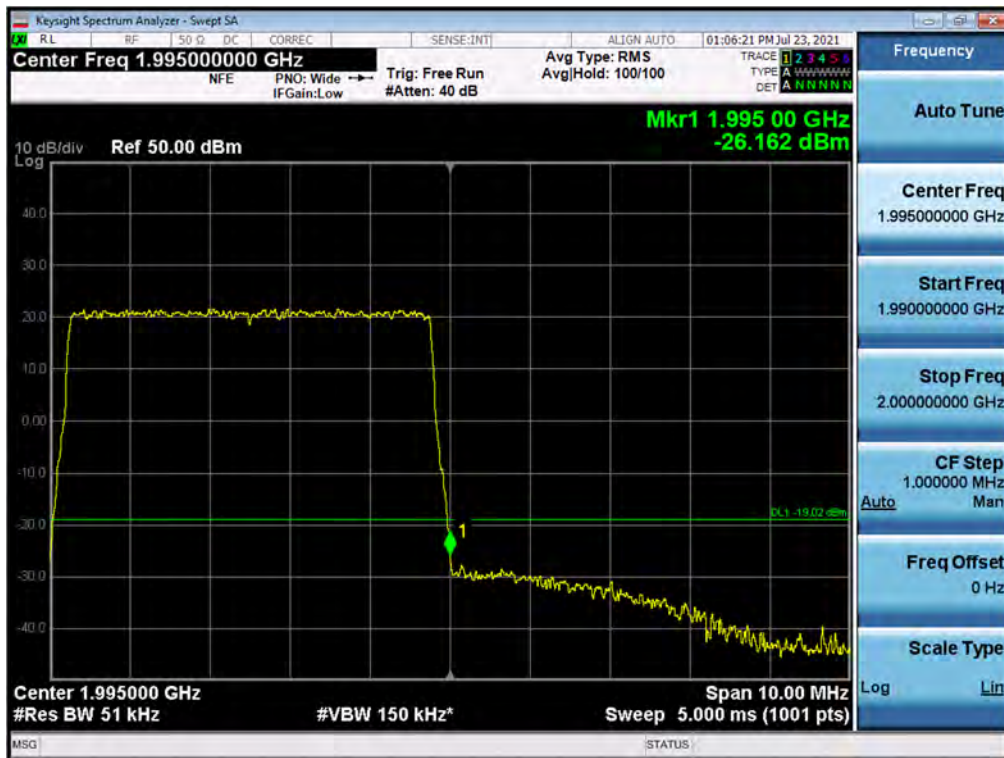
Antenna 1 / B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 20 MHz & NB-IoT 1 Carrier [3 Carrier] (2C+1C)  
 / Non-Contiguous / QPSK / High



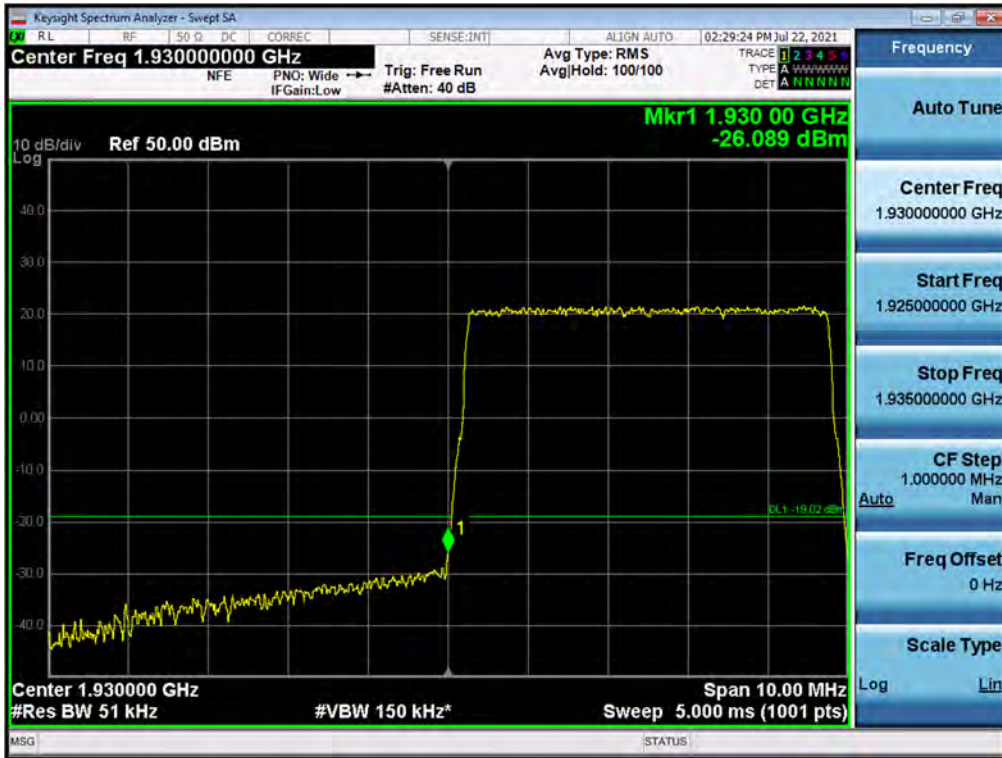
Antenna 3 / B25 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier [2 Carrier]\_Low / Inter-Band / 256QAM / Low



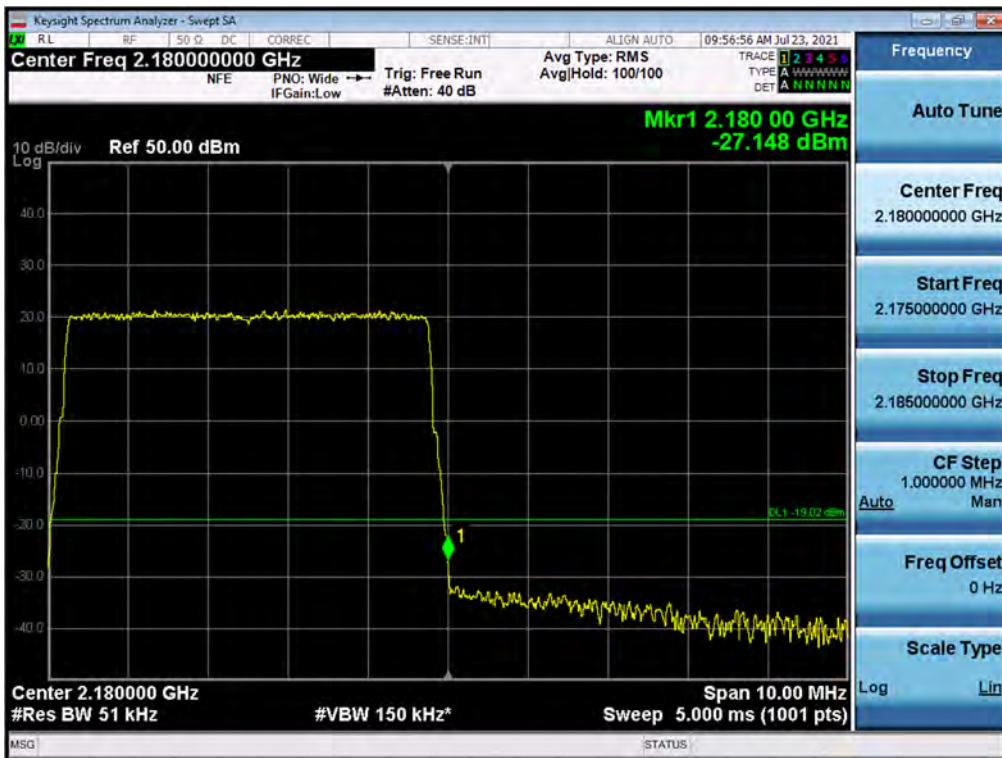
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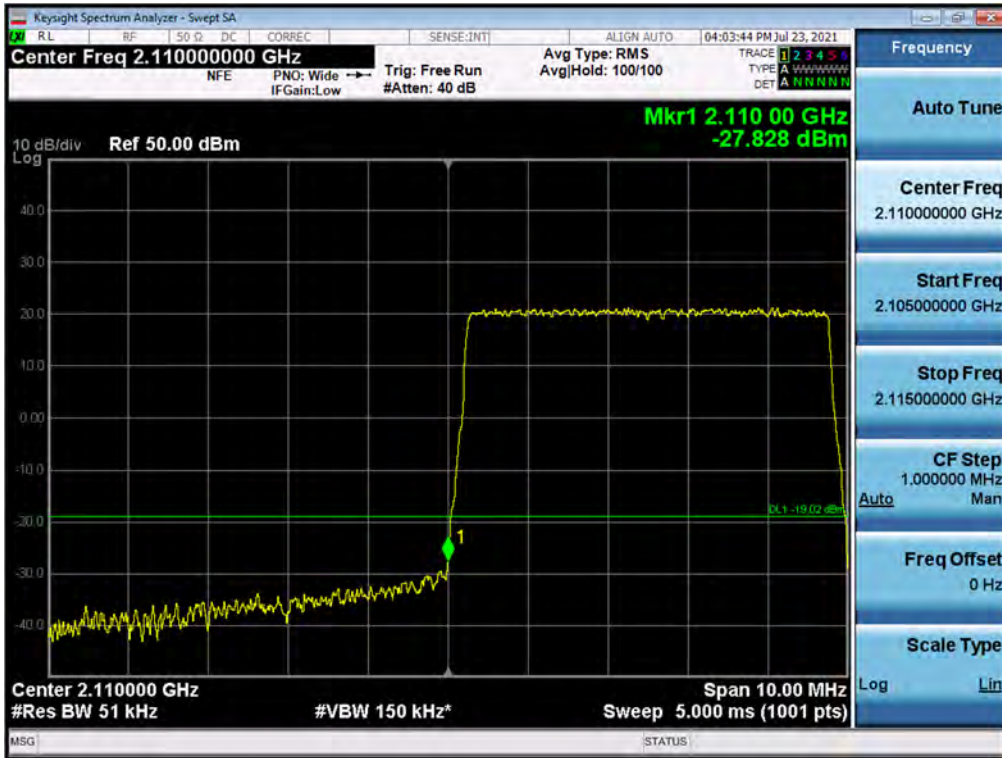
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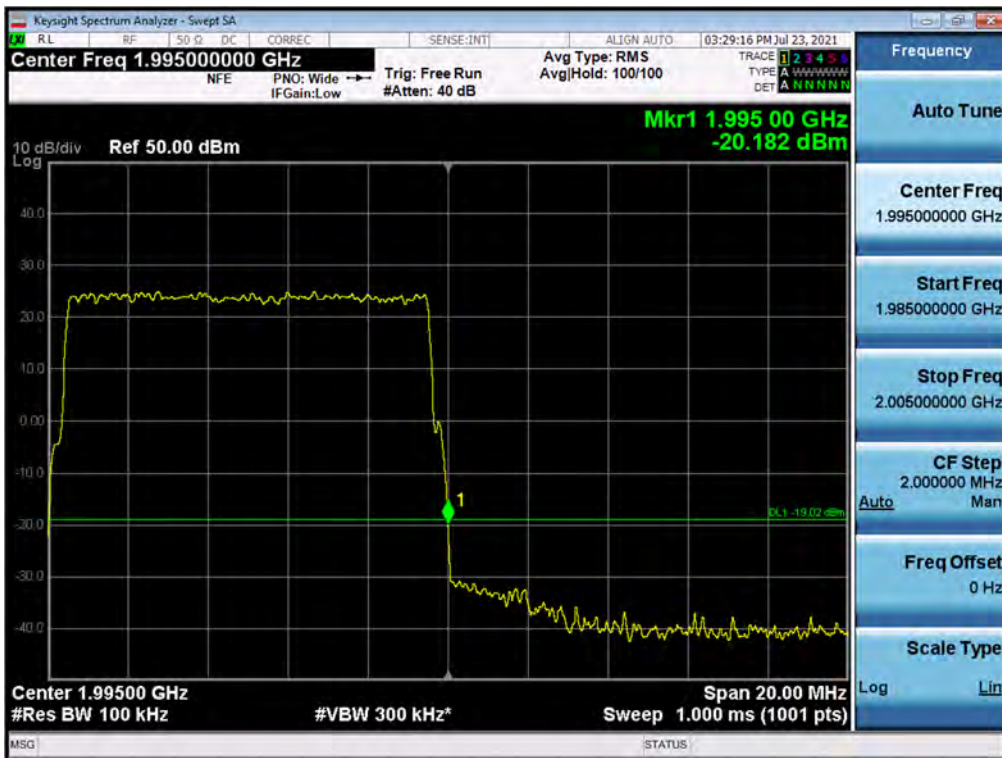
Antenna 0 / B25 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier [2 Carrier]\_High / Inter-Band / QPSK / High



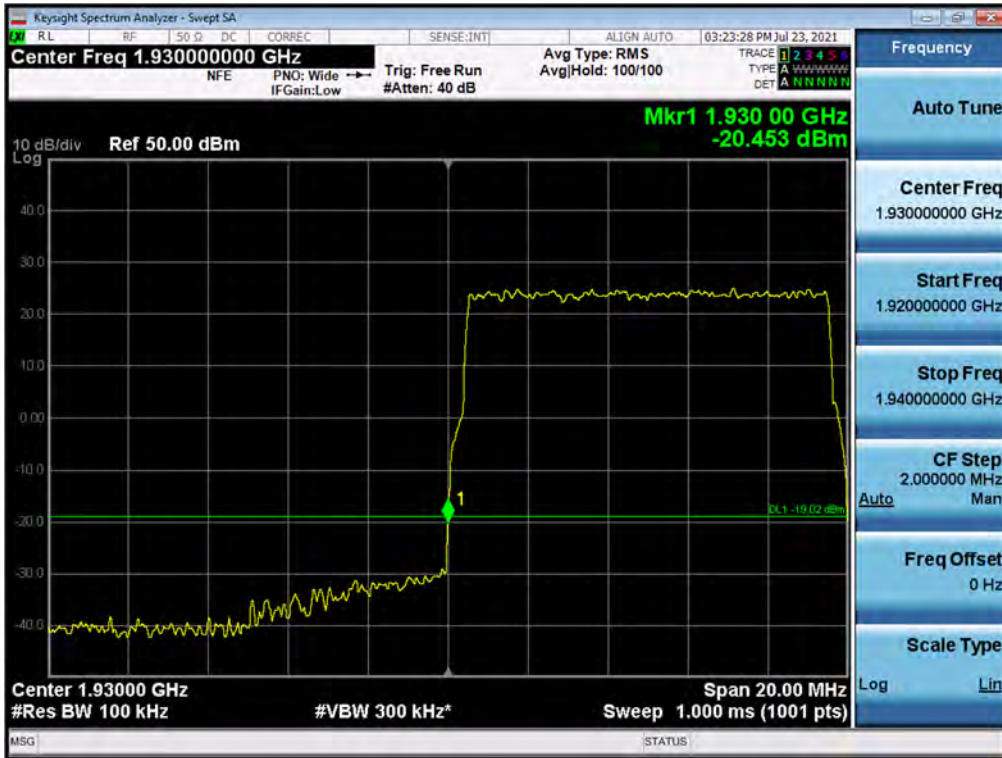
Antenna 1 / B25 LTE 10 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier [2 Carrier]\_Low / Inter-Band / 64QAM / Low



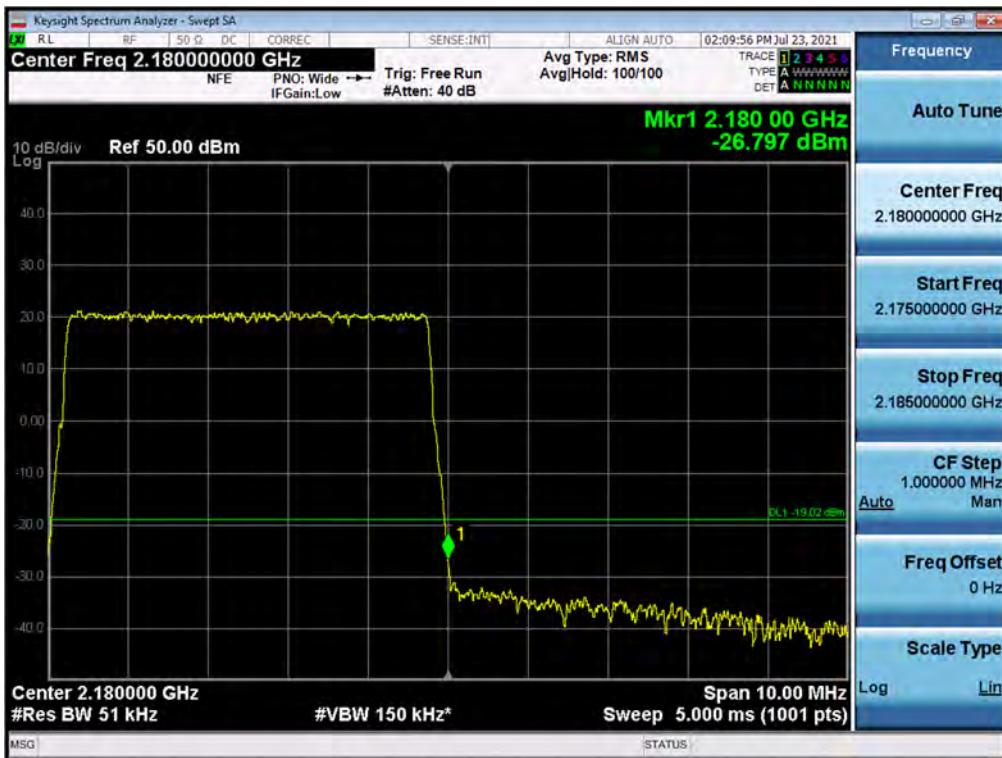
Antenna 0 / B25 LTE 10 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier [2 Carrier]\_Low / Inter-Band / 64QAM / High



Antenna 0 / B25 LTE 10 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier [2 Carrier]\_High / Inter-Band / 256QAM / Low

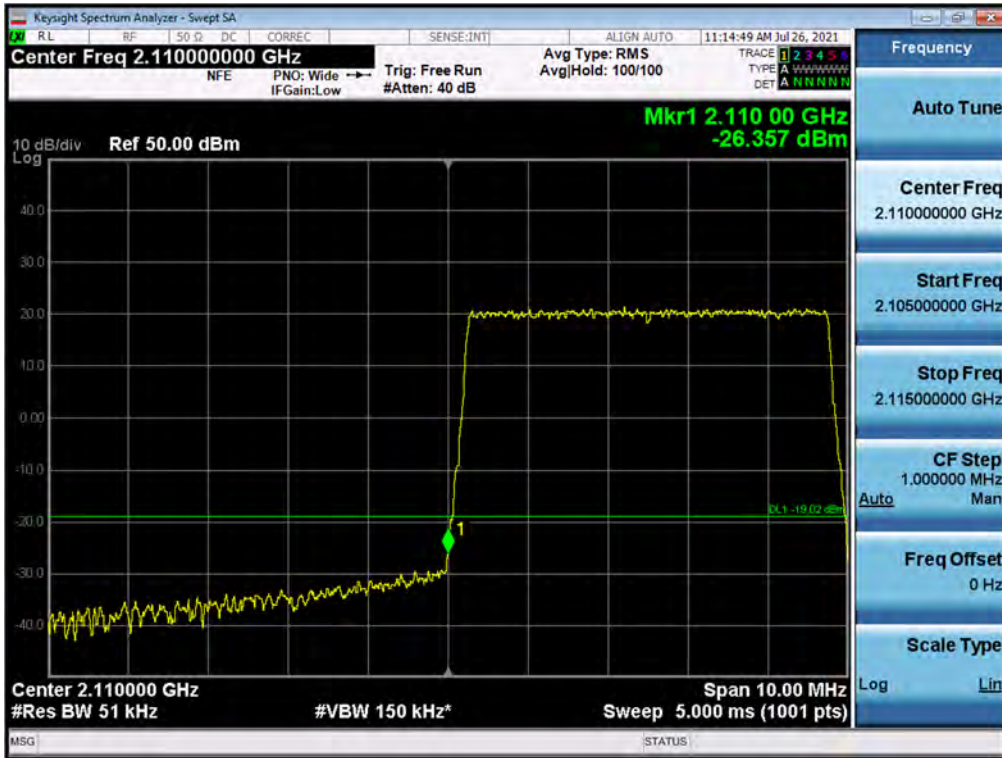


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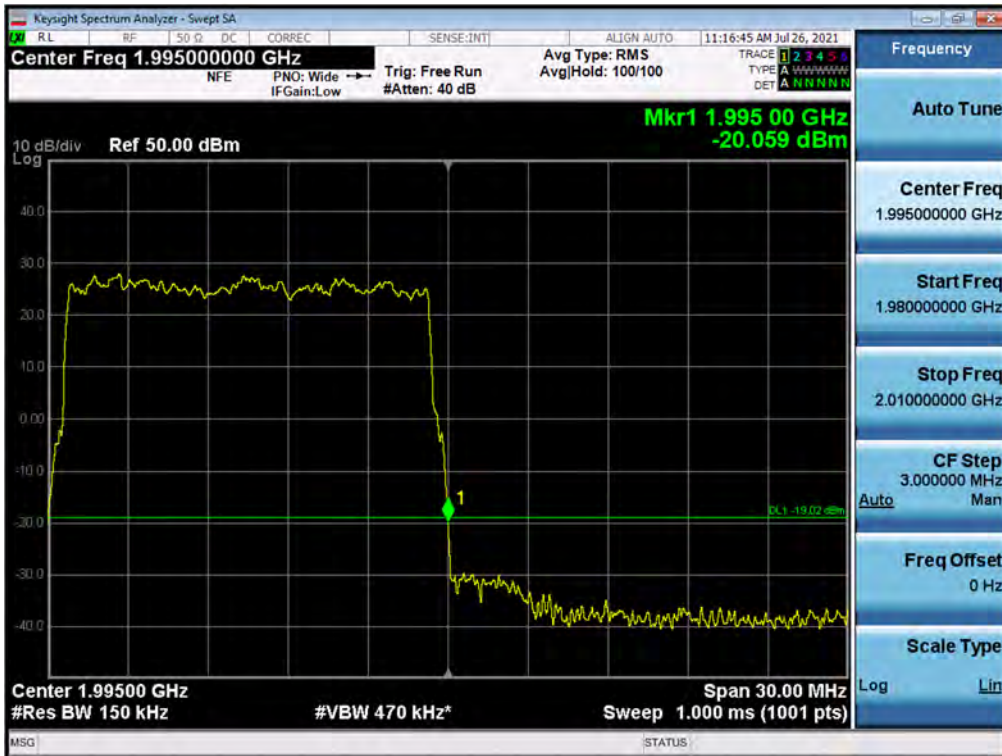




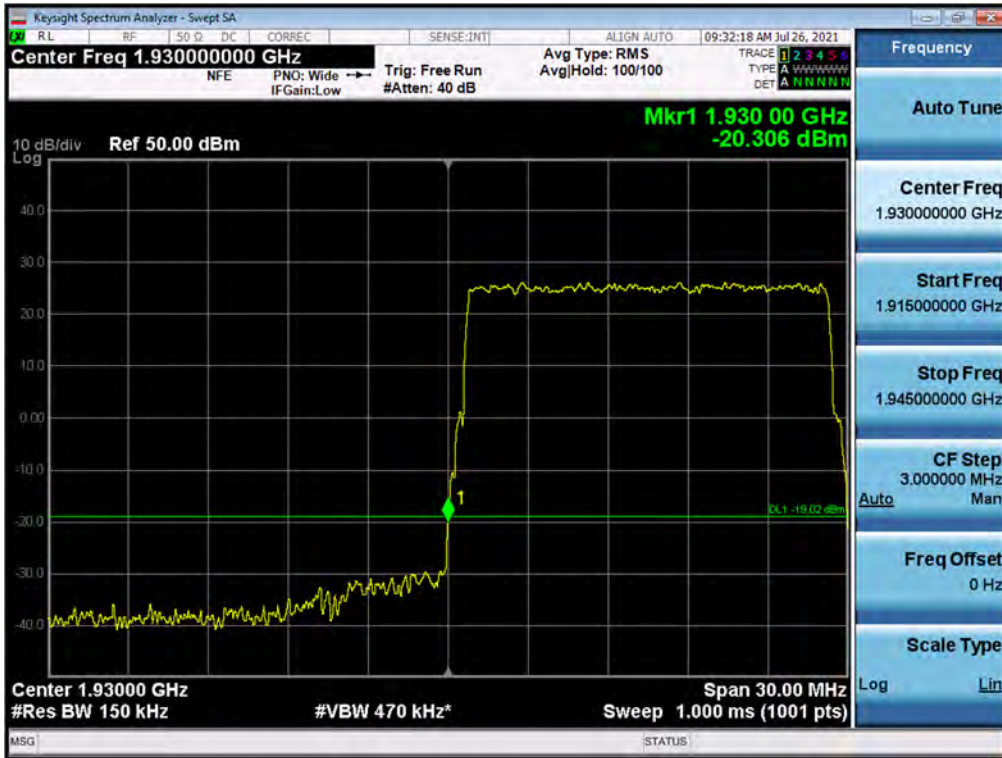
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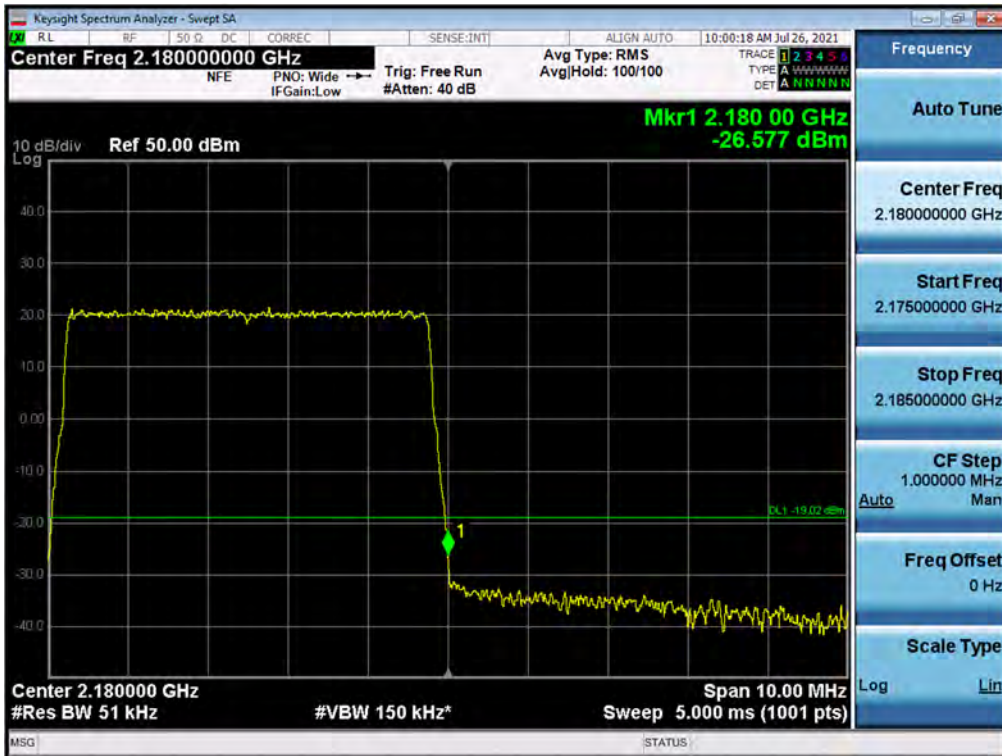
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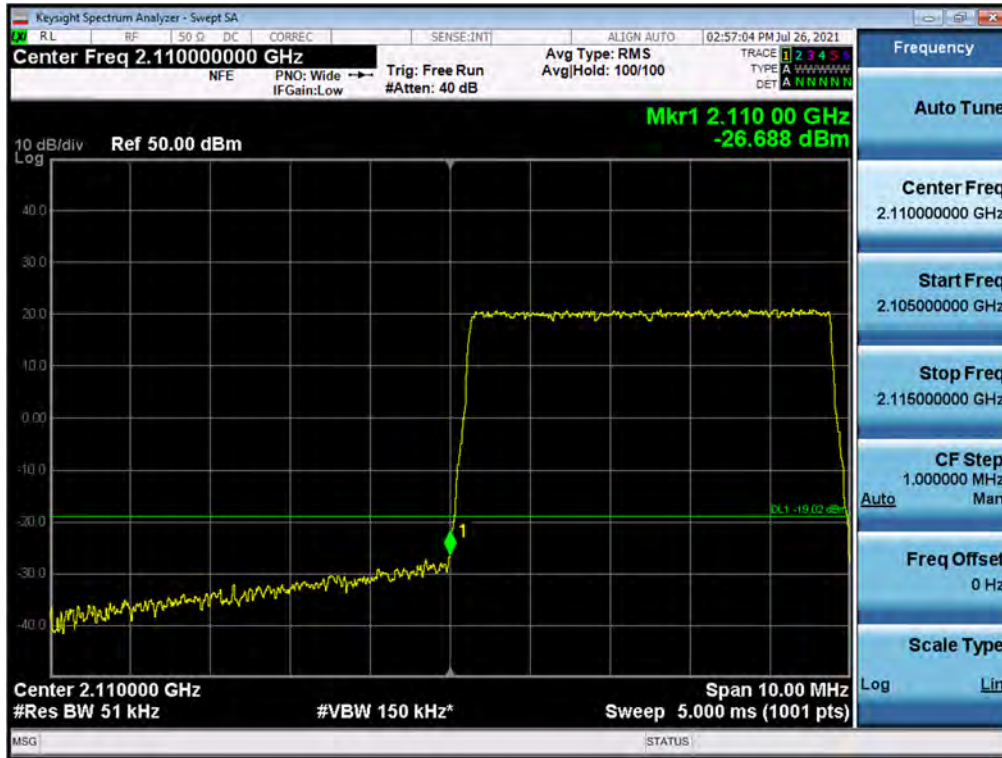
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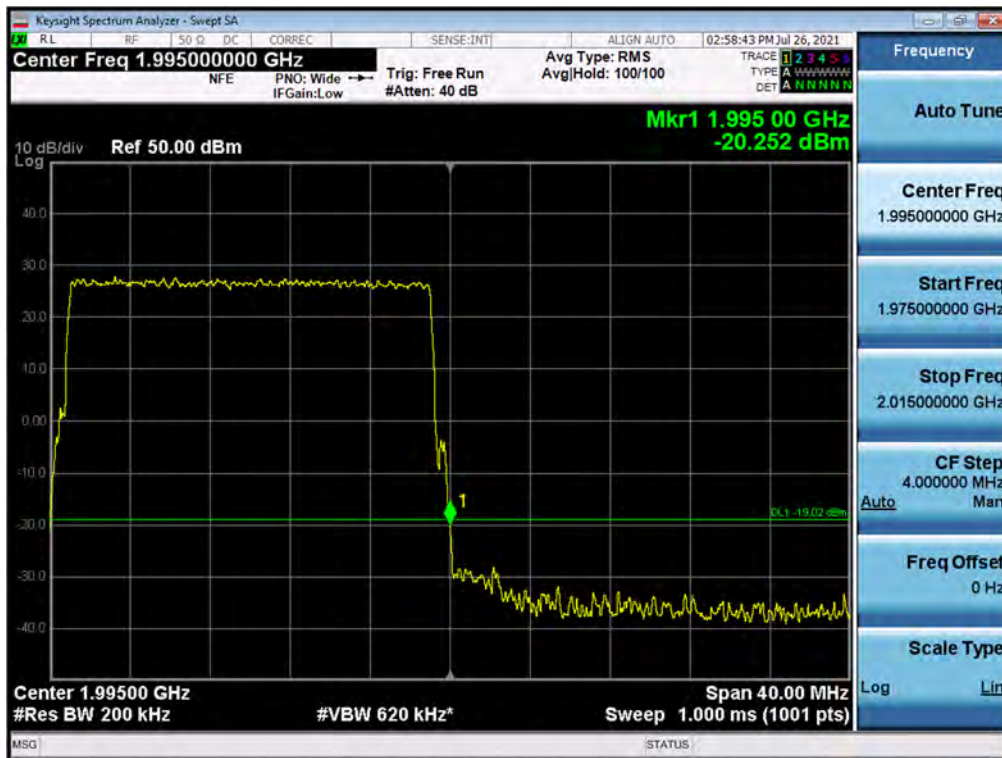
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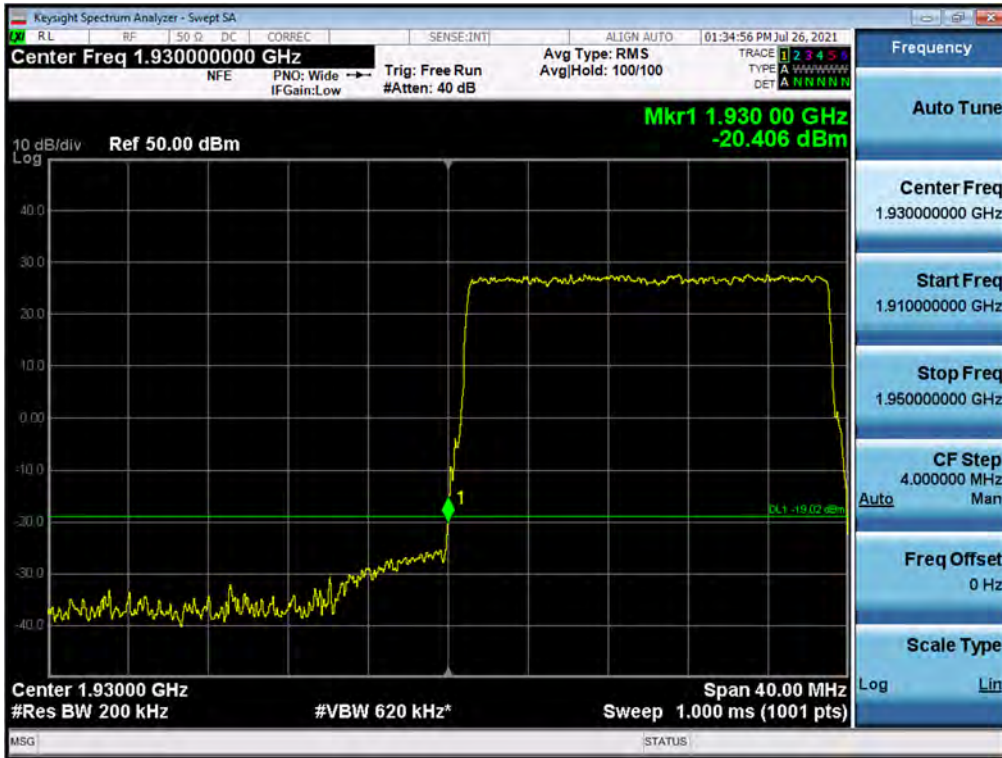
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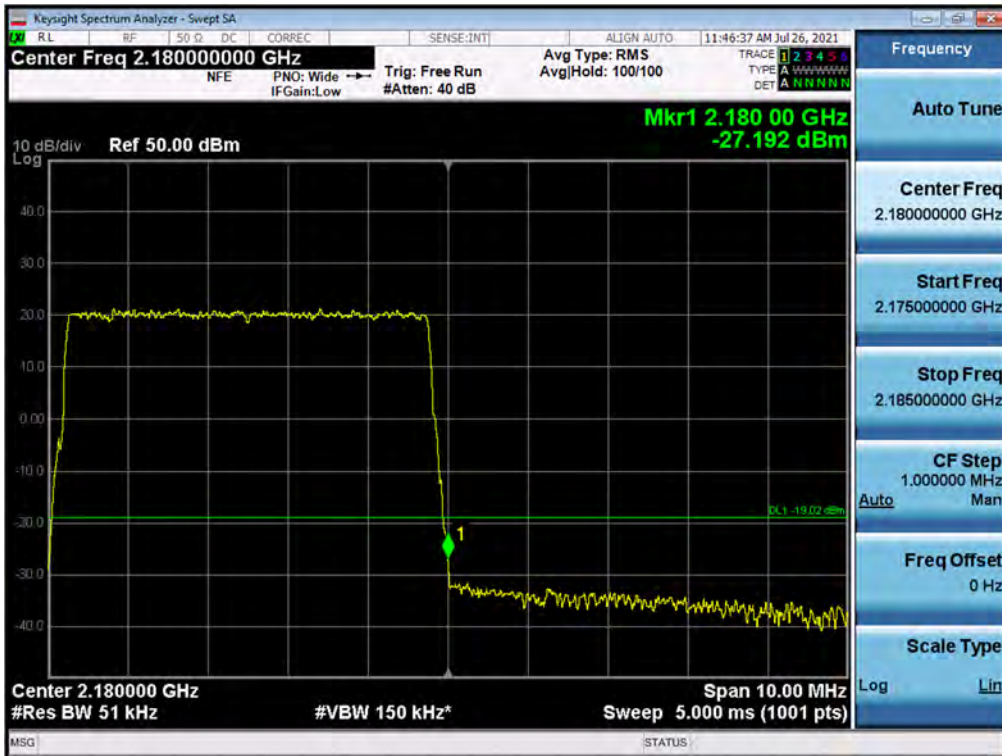
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Antenna 1 / B25 LTE 20 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier [2 Carrier]\_High / Inter-Band / 64QAM / Low



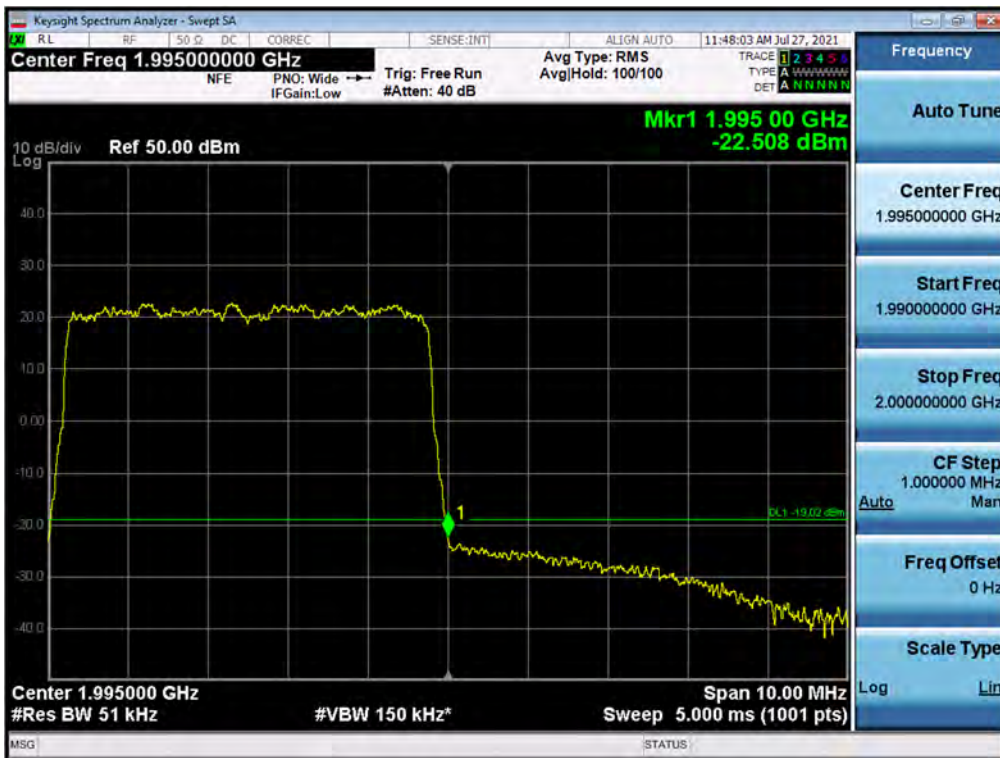
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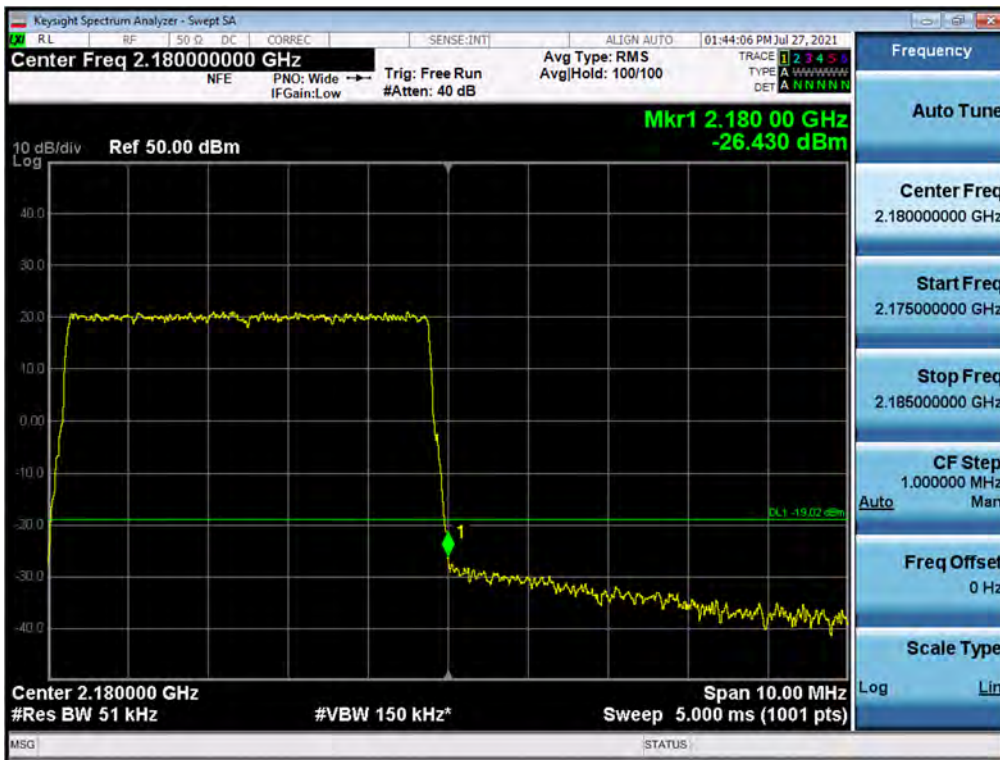
Antenna 1 / B25 LTE 5 MHz 1 Carrier + B25 LTE 15 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier  
 [4 Carrier]\_High (PCS) / Inter-Band / 16QAM / Low



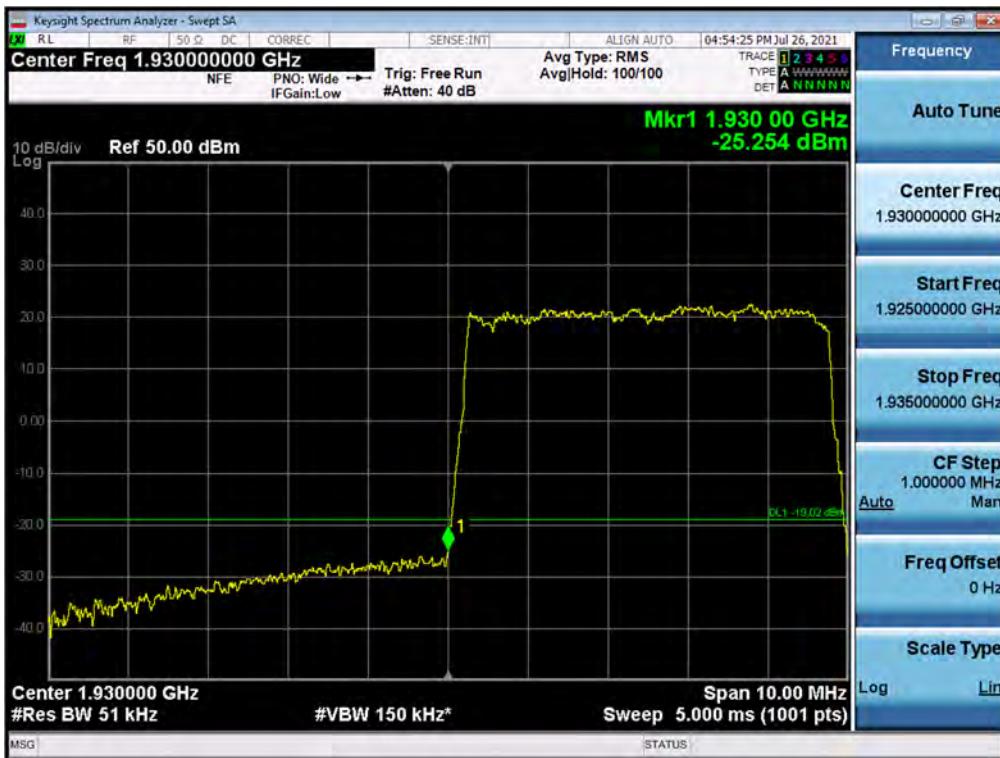
Antenna 1 / B25 LTE 5 MHz 1 Carrier + B25 LTE 15 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier  
 [4 Carrier]\_High (PCS) / Inter-Band / 16QAM / High



Antenna 3 / B25 LTE 5 MHz 1 Carrier + B25 LTE 15 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier  
 [4 Carrier]\_High (AWS) / Inter-Band / 64QAM / High



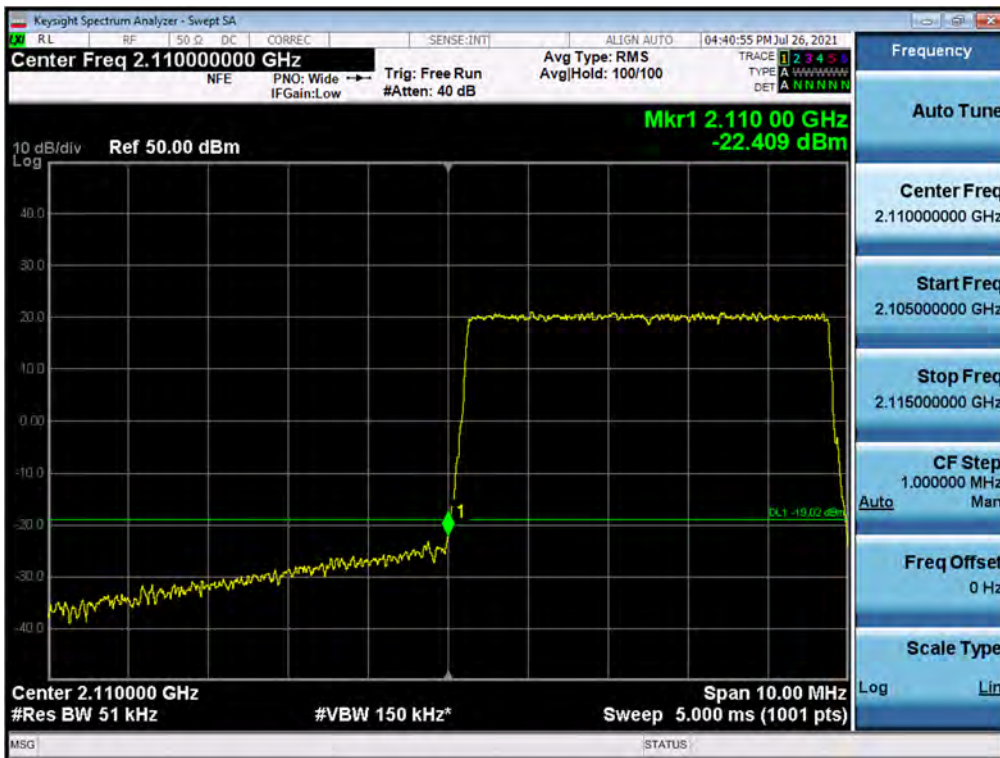
Antenna 1 / B25 LTE 5 MHz 1 Carrier + B25 LTE 15 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier  
 [4 Carrier]\_Low (PCS) / Inter-Band / 16QAM / Low



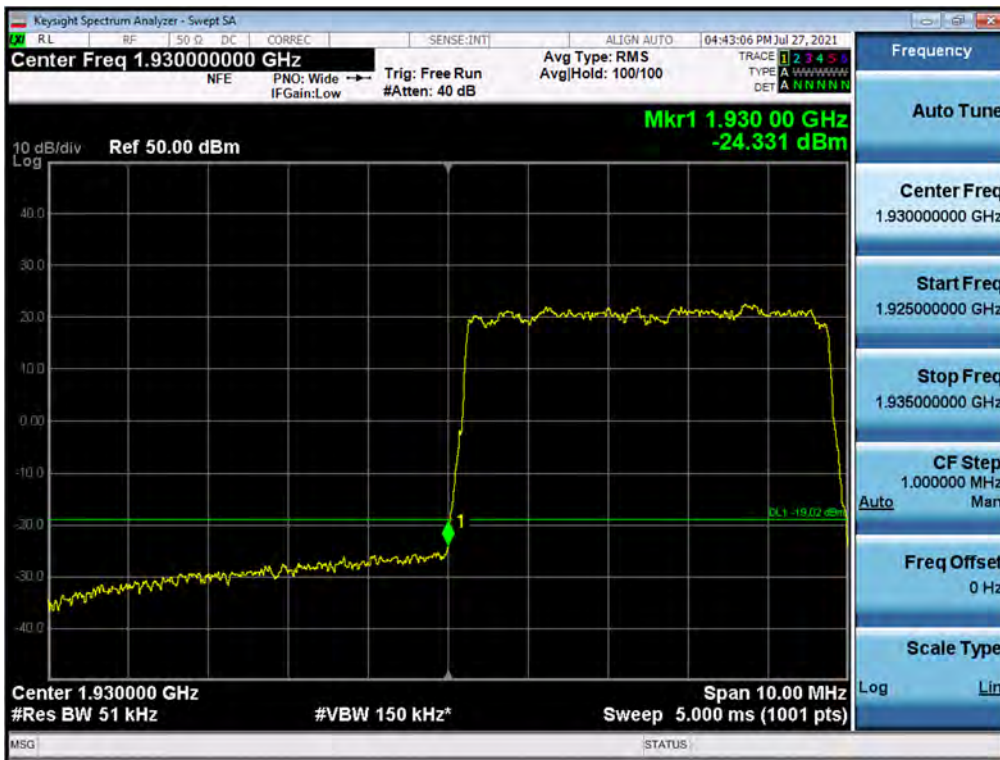
Antenna 1 / B25 LTE 5 MHz 1 Carrier + B25 LTE 15 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier  
 [4 Carrier]\_Low (PCS) / Inter-Band / 16QAM / High



Antenna 2 / B25 LTE 5 MHz 1 Carrier + B25 LTE 15 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier  
 [4 Carrier]\_Low (AWS) / Inter-Band / 256QAM / Low



Antenna 1 / B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier  
 [4 Carrier]\_High (PCS) / Inter-Band / 16QAM / Low



Antenna 1 / B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier  
 [4 Carrier]\_High (PCS) / Inter-Band / 16QAM / High

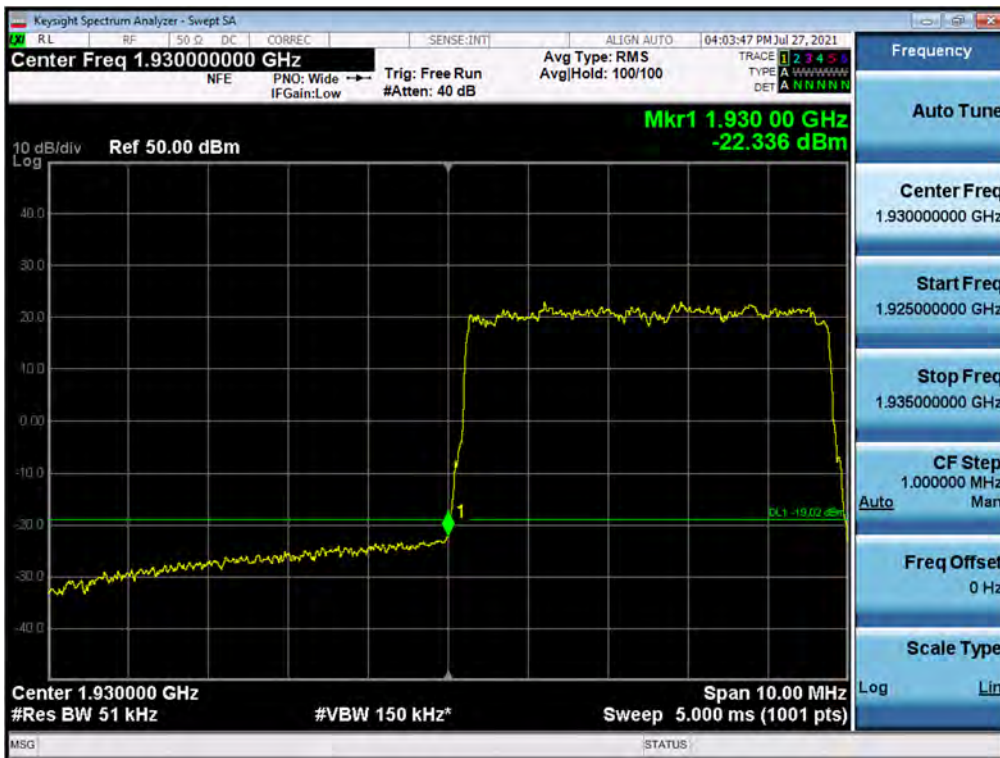




Antenna 2 / B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier  
 [4 Carrier]\_High (AWS) / Inter-Band / 64QAM / High



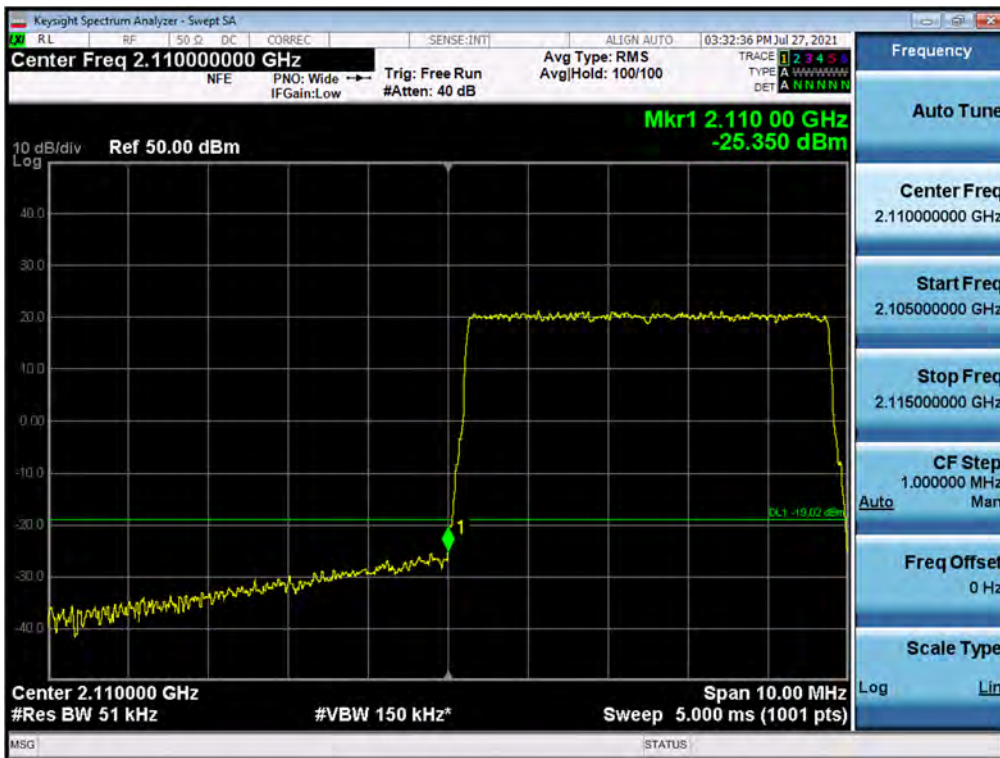
Antenna 1 / B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier  
 [4 Carrier]\_Low (PCS) / Inter-Band / 16QAM / Low



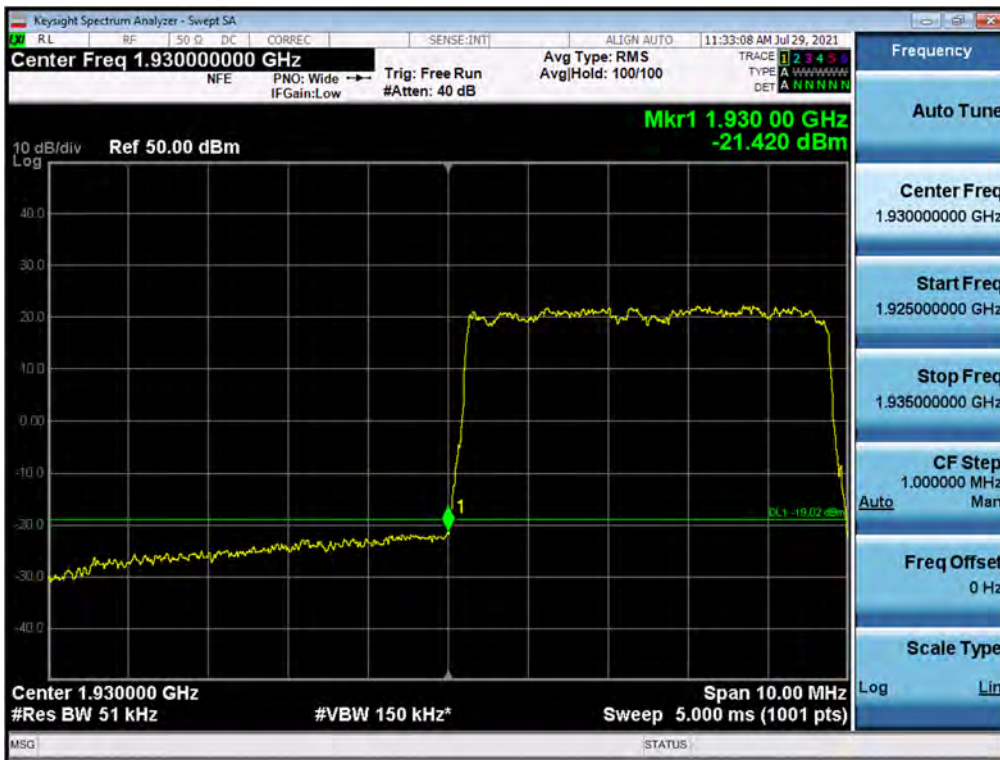
Antenna 1 / B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier  
 [4 Carrier]\_Low (PCS) / Inter-Band / 16QAM / High



Antenna 1 / B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier  
 [4 Carrier]\_Low (AWS) / Inter-Band / 64QAM / Low



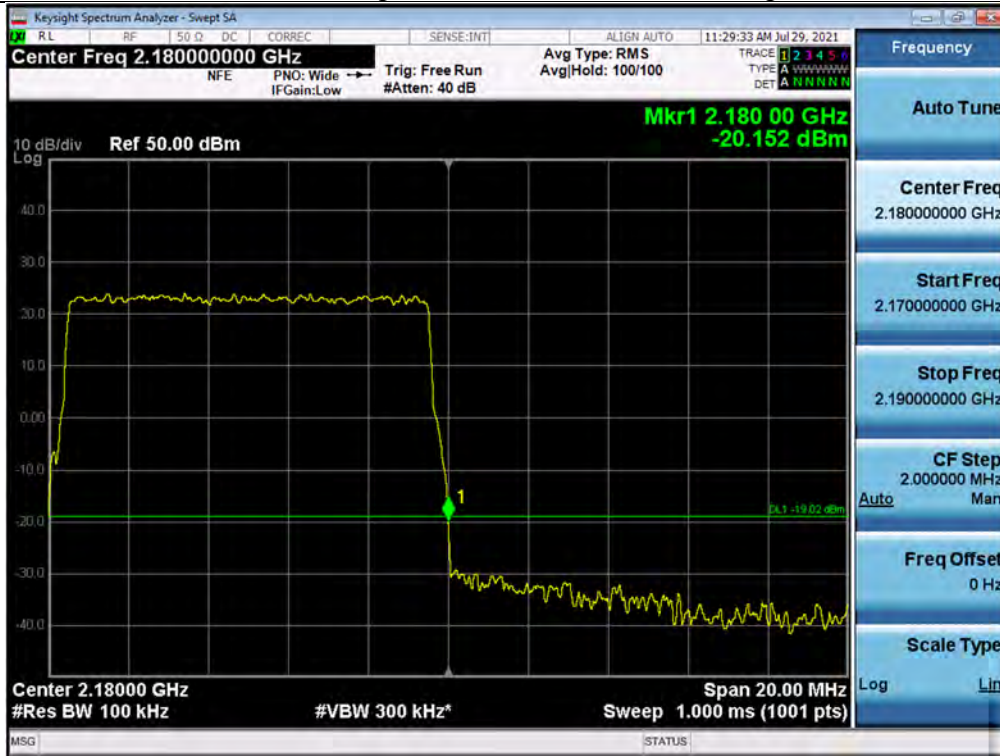
Antenna 1 / B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B66 LTE 10 MHz 1 Carrier  
 [4 Carrier]\_High (PCS) / Inter-Band / 16QAM / Low



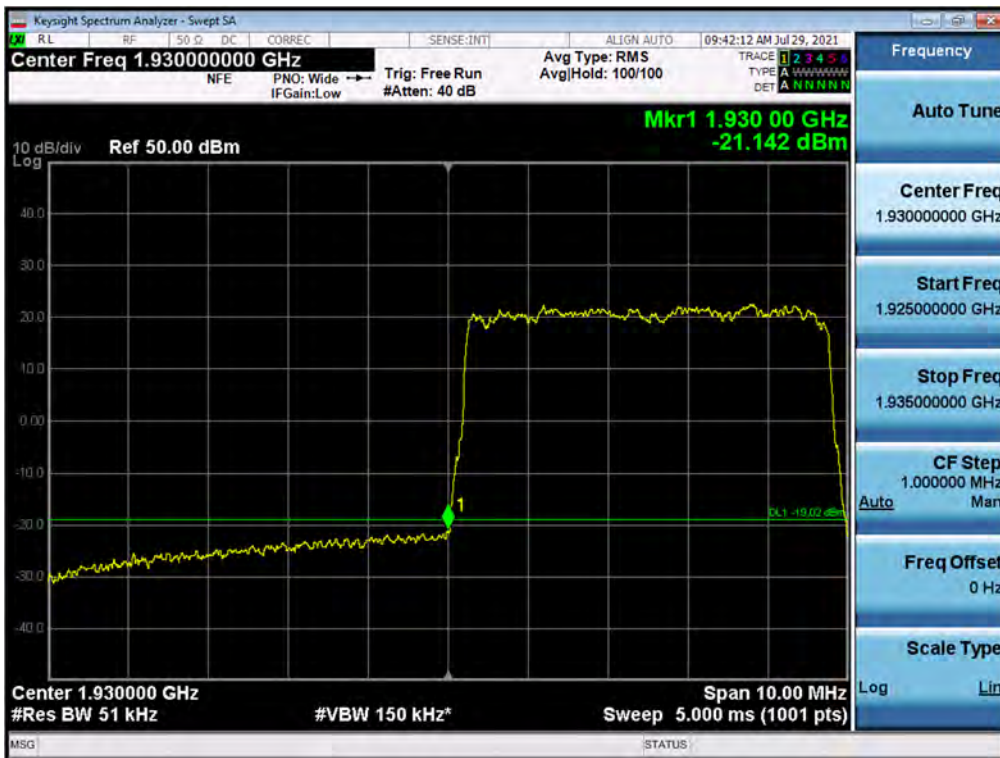
Antenna 1 / B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B66 LTE 10 MHz 1 Carrier  
 [4 Carrier]\_High (PCS) / Inter-Band / 64QAM / High



Antenna 0 / B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B66 LTE 10 MHz 1 Carrier  
 [4 Carrier]\_High (AWS) / Inter-Band / QPSK / High



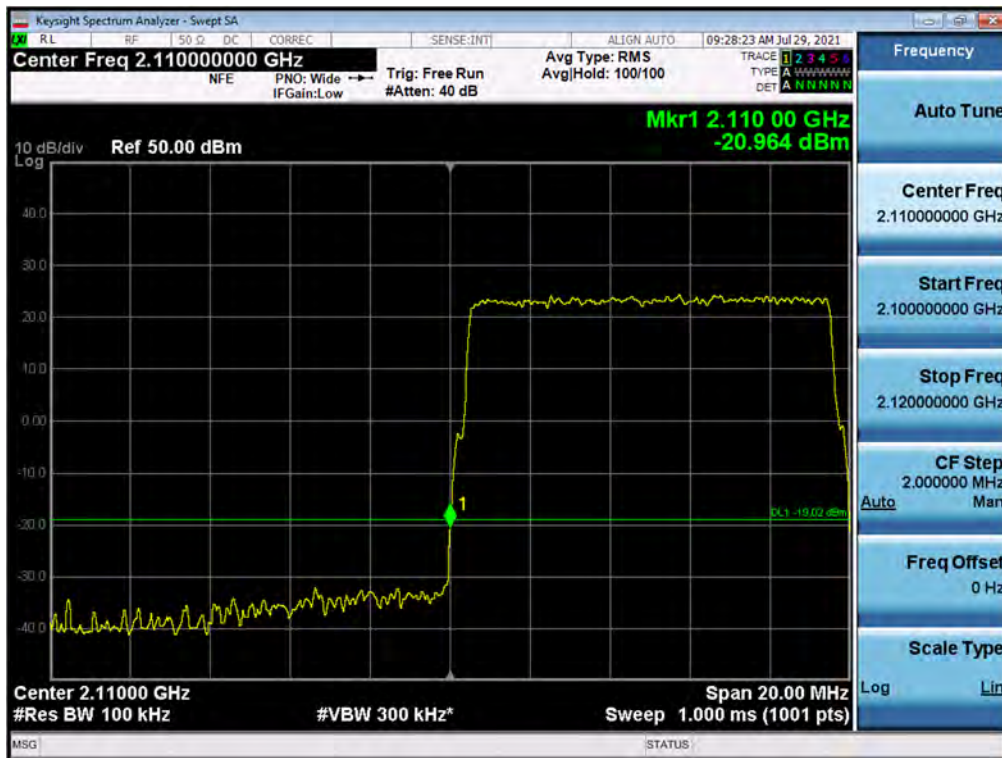
Antenna 1 / B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B66 LTE 10 MHz 1 Carrier  
 [4 Carrier]\_Low (PCS) / Inter-Band / 16QAM / Low



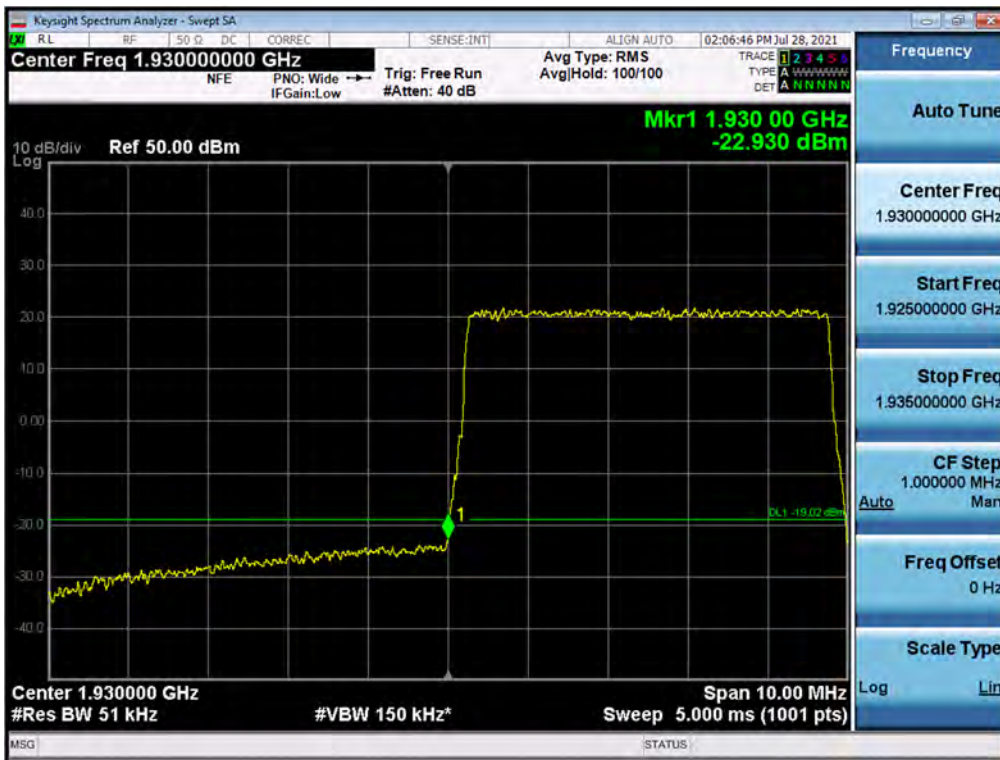
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 [4 Carrier]\_Low (PCS) / Inter-Band / 16QAM / High



Antenna 0 / B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B66 LTE 10 MHz 1 Carrier  
 [4 Carrier]\_Low (AWS) / Inter-Band / QPSK / Low



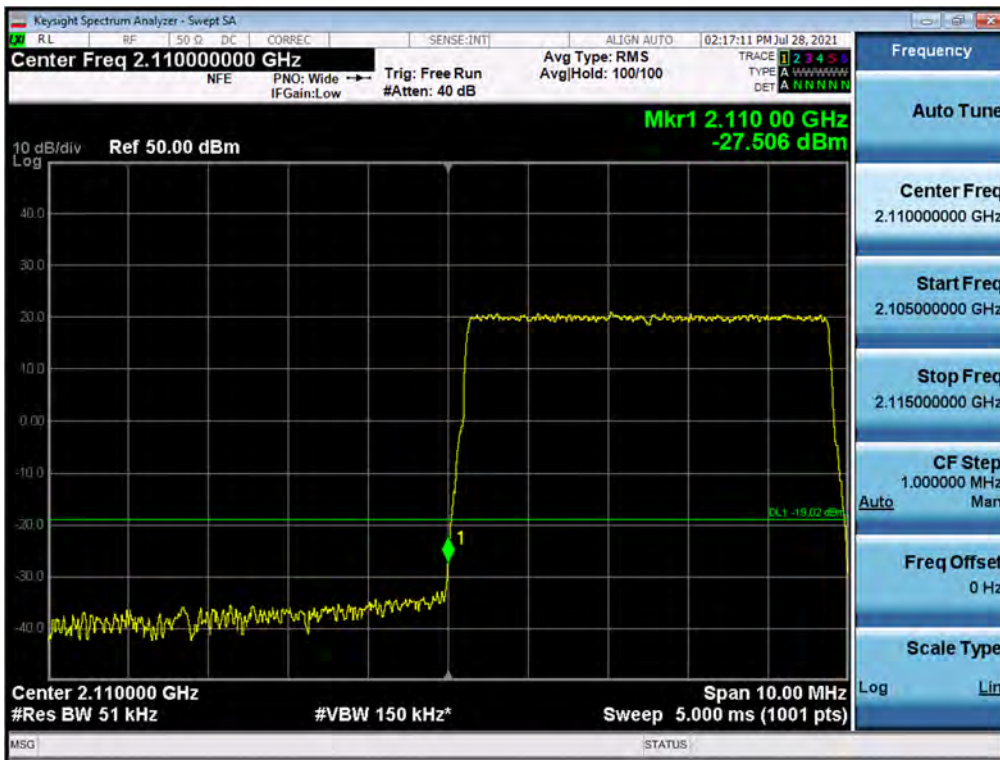
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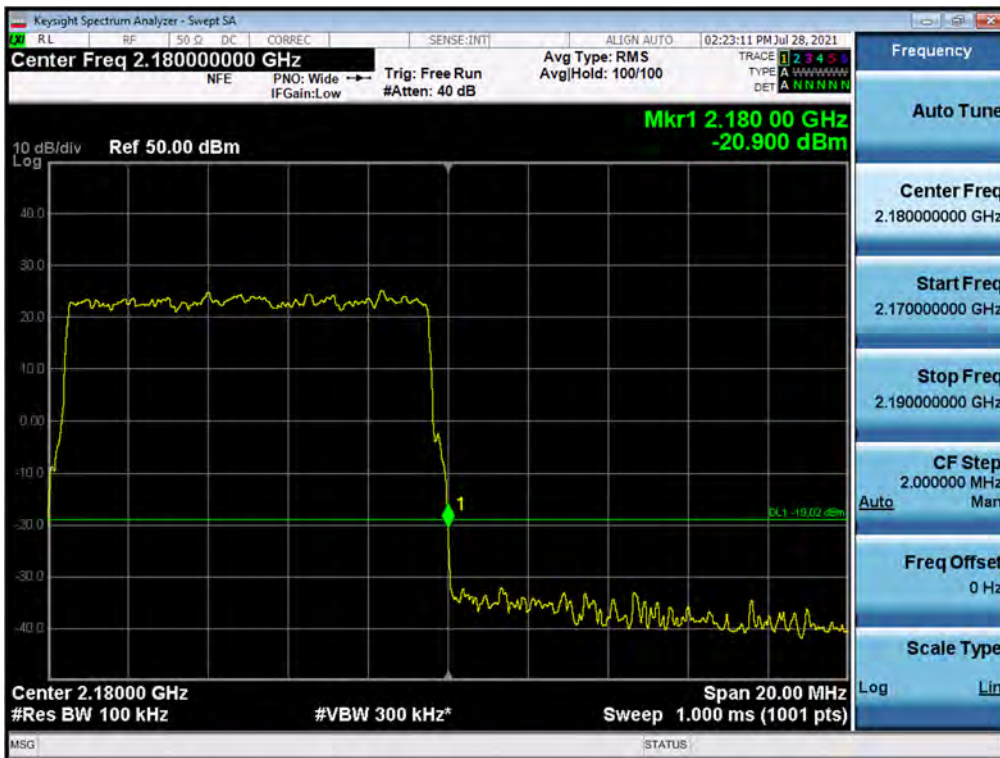
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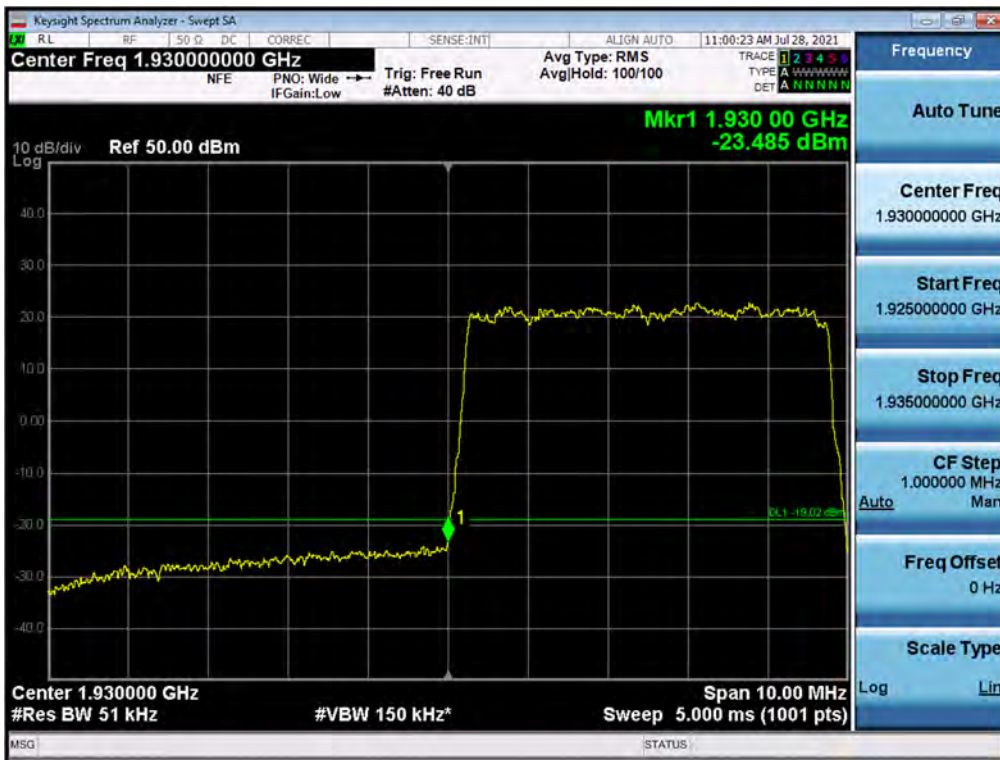
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Antenna 2 / B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier + B66 LTE 10 MHz 1 Carrier [5 Carrier] (AWS) / Inter-Band / 16QAM / High



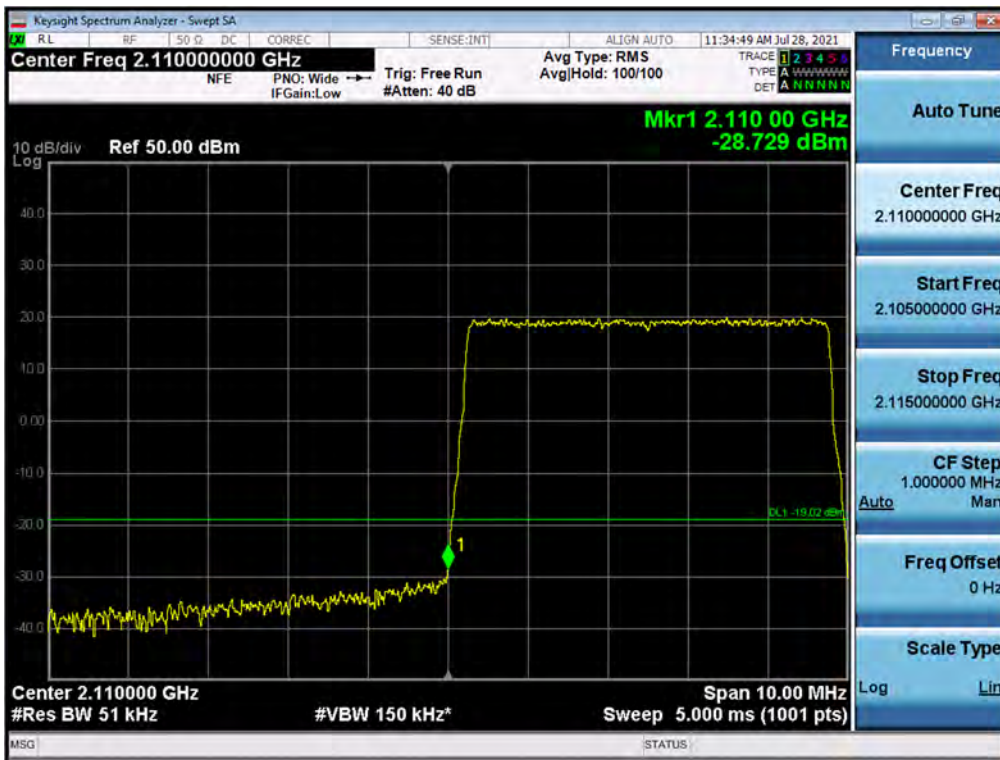
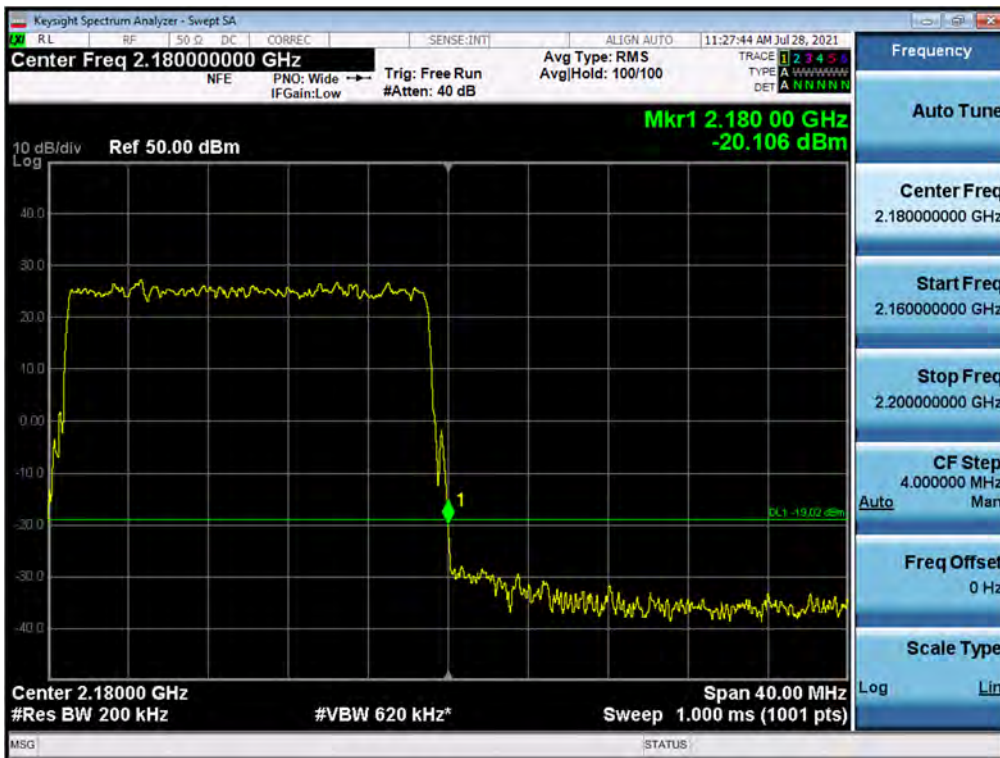
Antenna 1 / B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier + B66 LTE 20 MHz 1 Carrier [5 Carrier] (PCS) / Inter-Band / 16QAM / Low



Antenna 1 / B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier + B66 LTE 20 MHz 1 Carrier [5 Carrier] (PCS) / Inter-Band / QPSK / High





**Antenna 0 / B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier + B66 LTE 20 MHz 1 Carrier [5 Carrier] (AWS) / Inter-Band / 256QAM / Low**

**Antenna 2 / B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier + B66 LTE 20 MHz 1 Carrier [5 Carrier] (AWS) / Inter-Band / 256QAM / High**


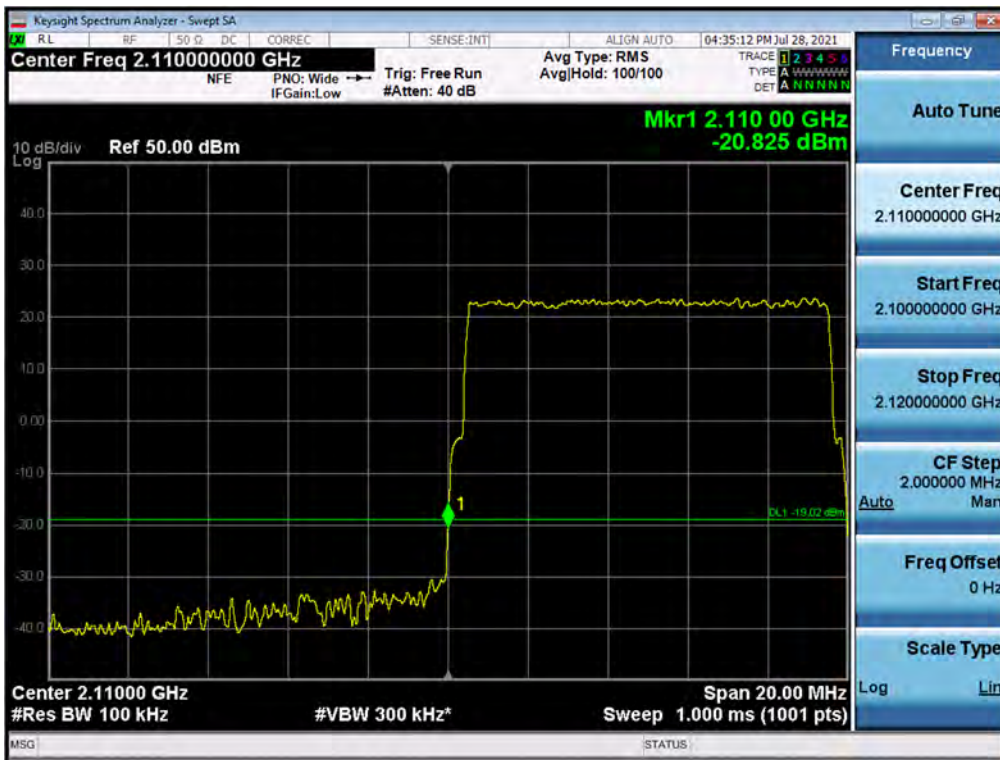
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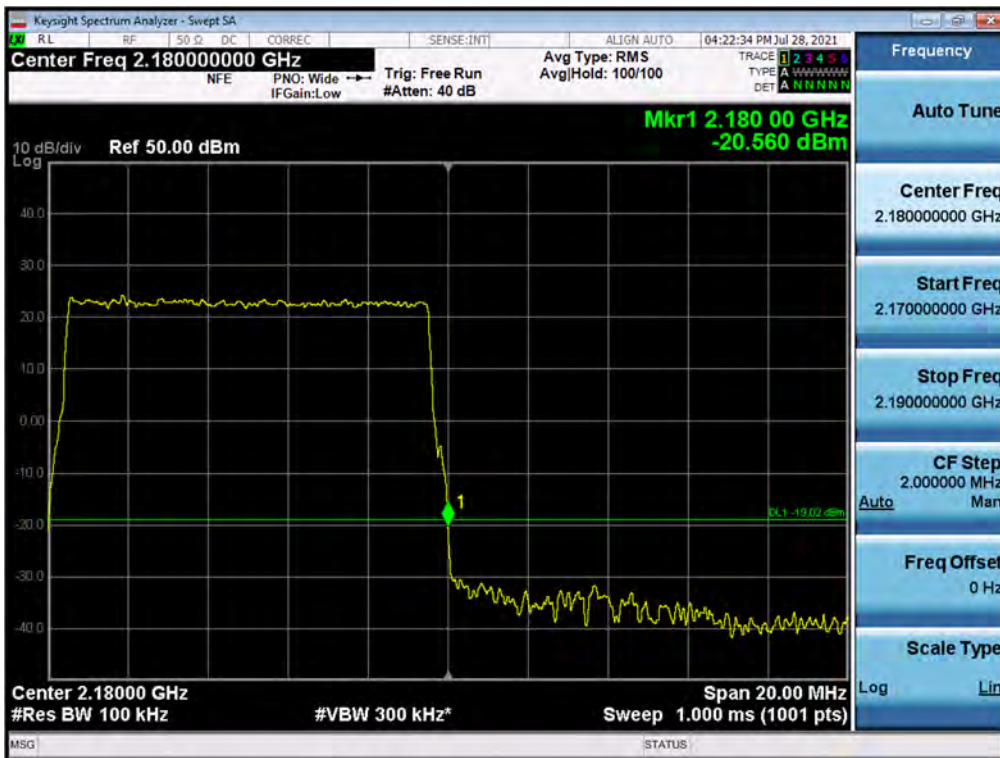
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Antenna 0 / B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B66 LTE 10 MHz 1 Carrier + B66 LTE 10 MHz 1 Carrier [5 Carrier] (AWS) / Inter-Band / 256QAM / Low



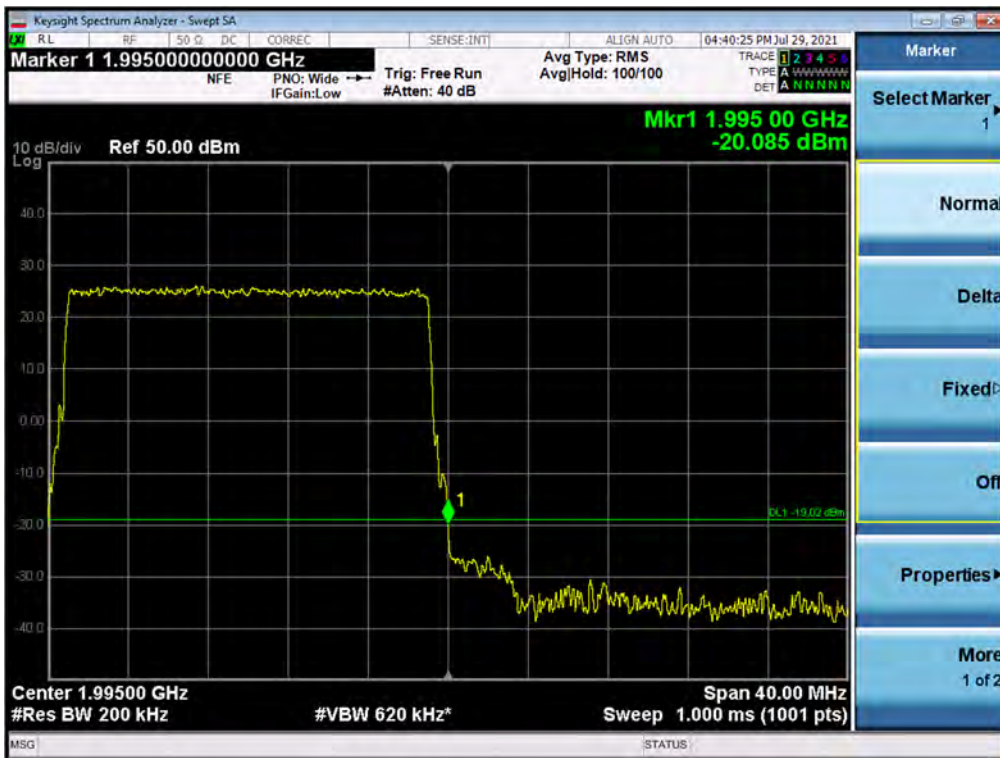
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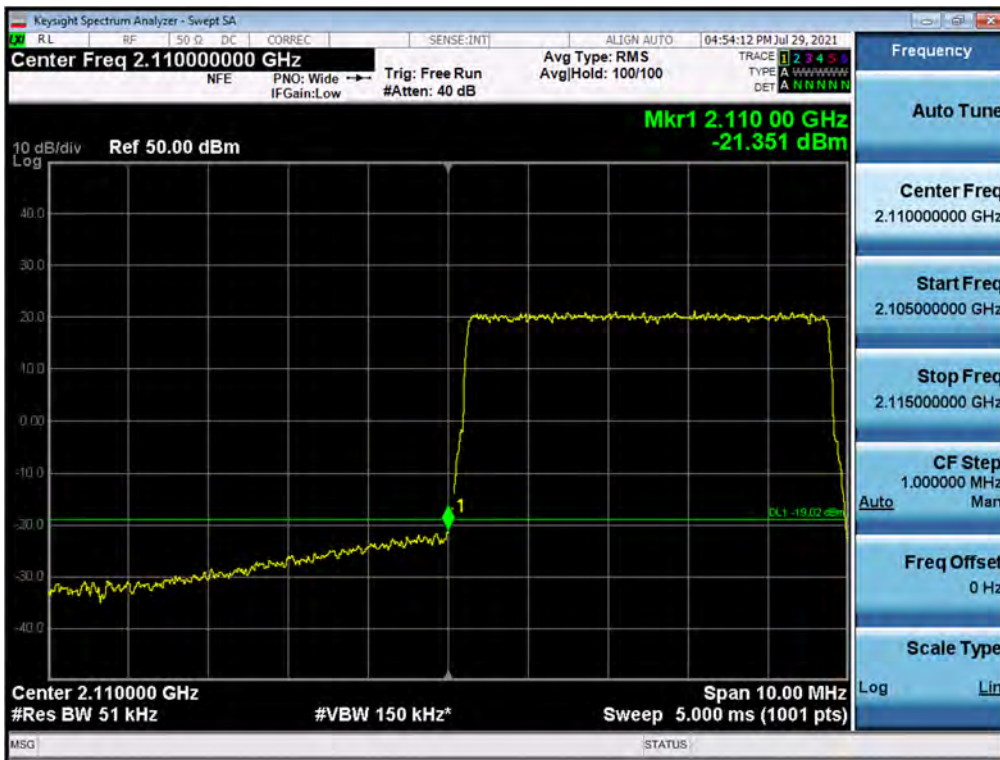
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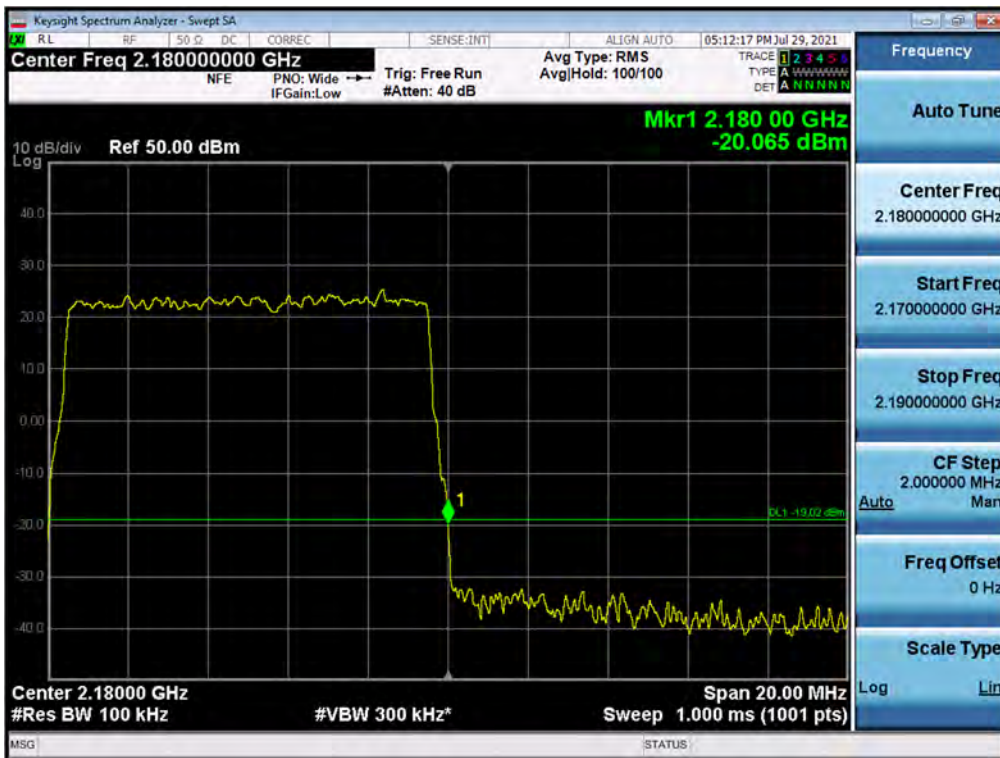
Antenna 0 / B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier + B66 LTE 10 MHz 1 Carrier [5 Carrier] (PCS) / Inter-Band / 256QAM / High



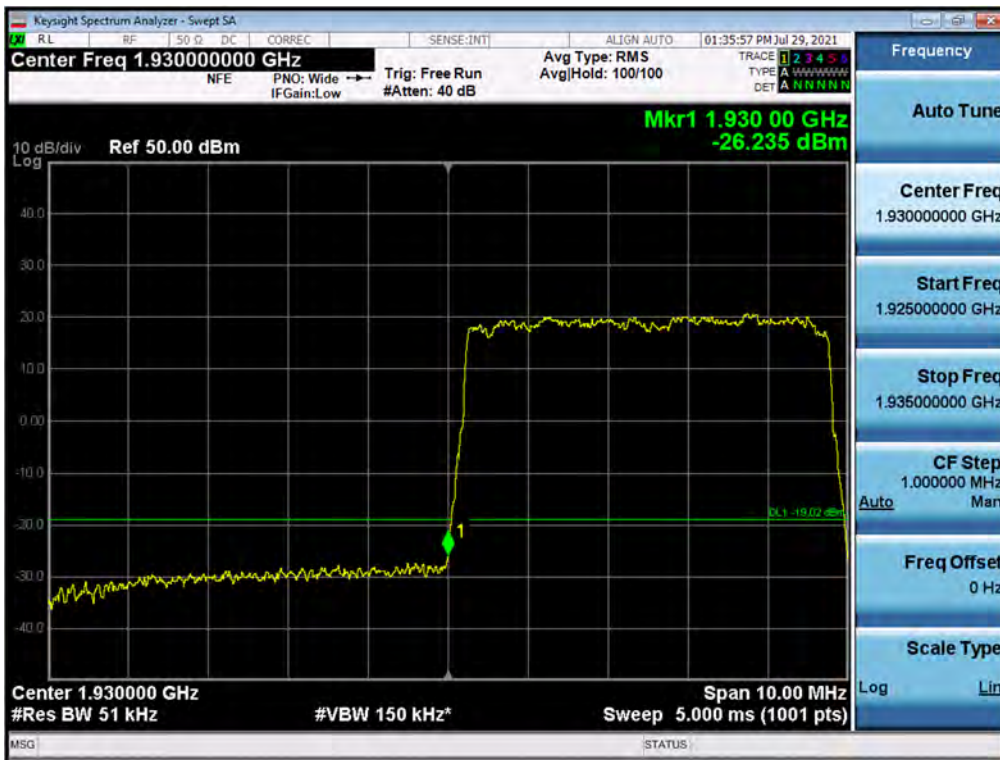
Antenna 1 / B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier + B66 LTE 10 MHz 1 Carrier [5 Carrier] (AWS) / Inter-Band / QPSK / Low



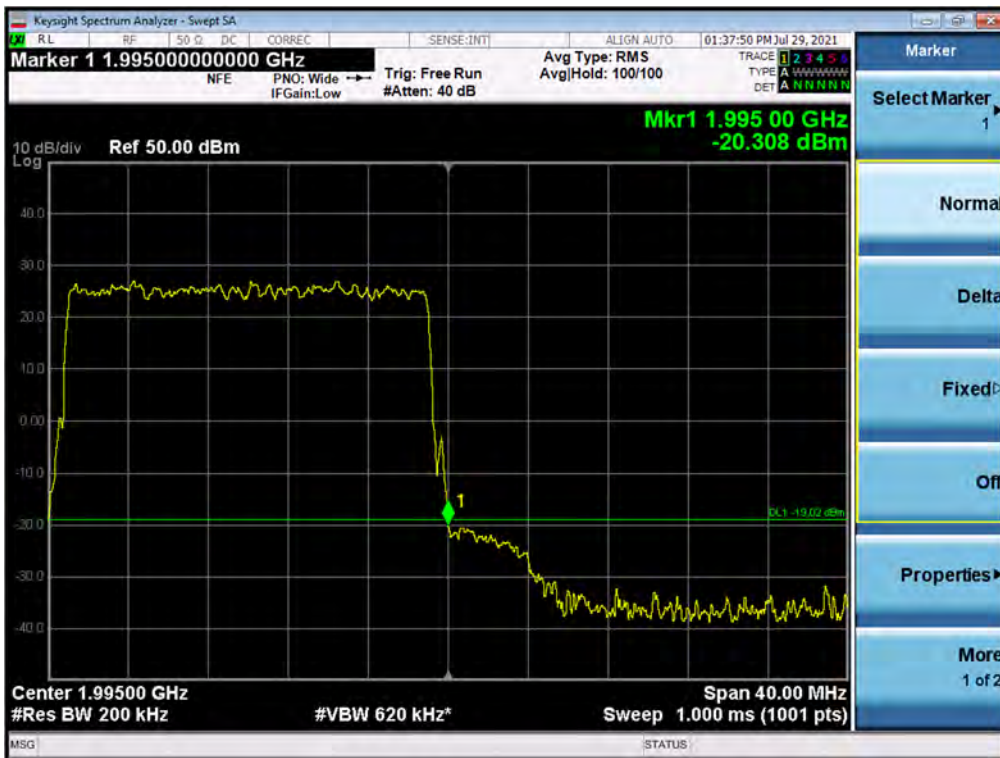
Antenna 2 / B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier + B66 LTE 10 MHz 1 Carrier [5 Carrier] (AWS) / Inter-Band / 16AM / High



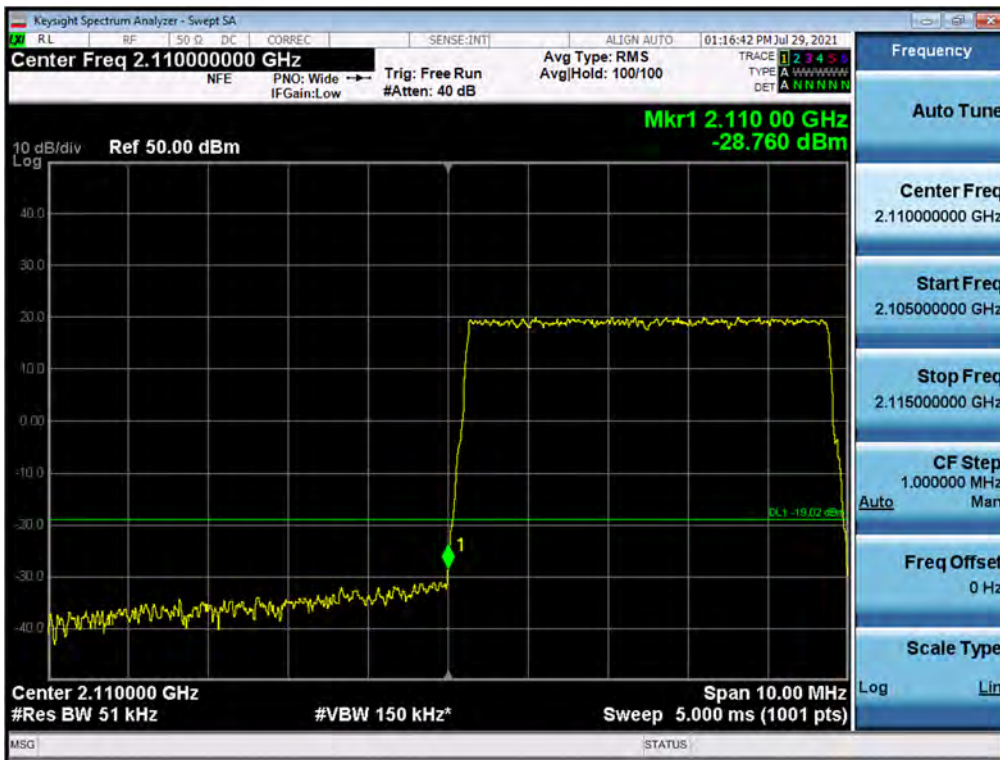
Antenna 1 / B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier + B66 LTE 20 MHz 1 Carrier [5 Carrier] (PCS) / Inter-Band / 16QAM / Low



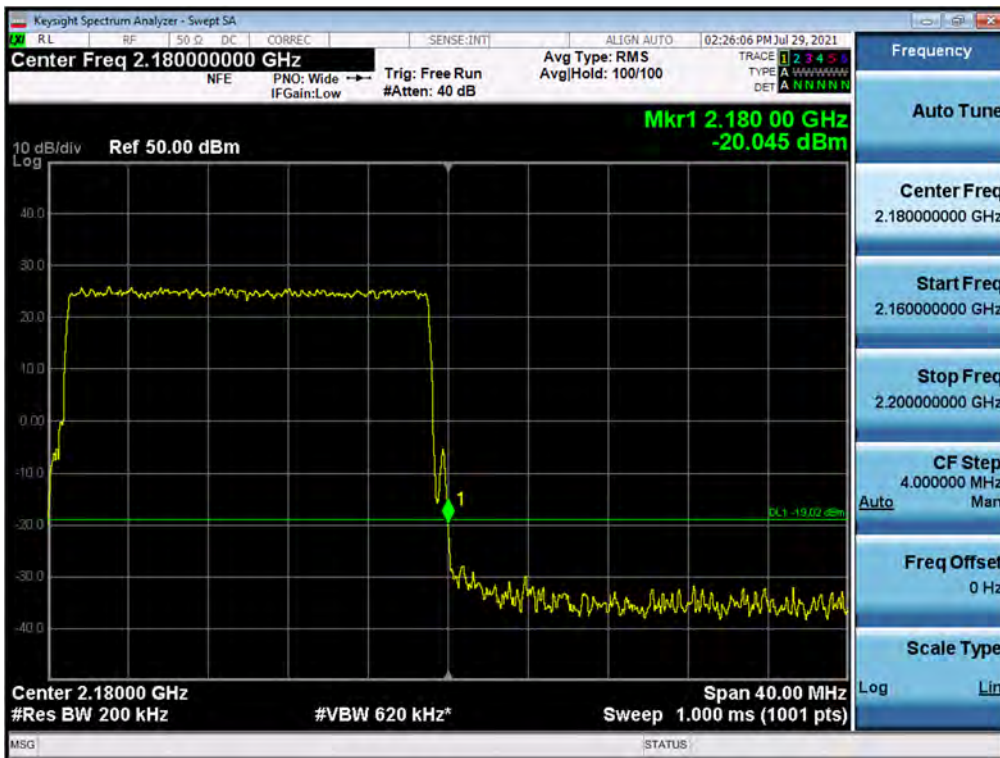
Antenna 1 / B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier + B66 LTE 20 MHz 1 Carrier [5 Carrier] (PCS) / Inter-Band / 16QAM / High



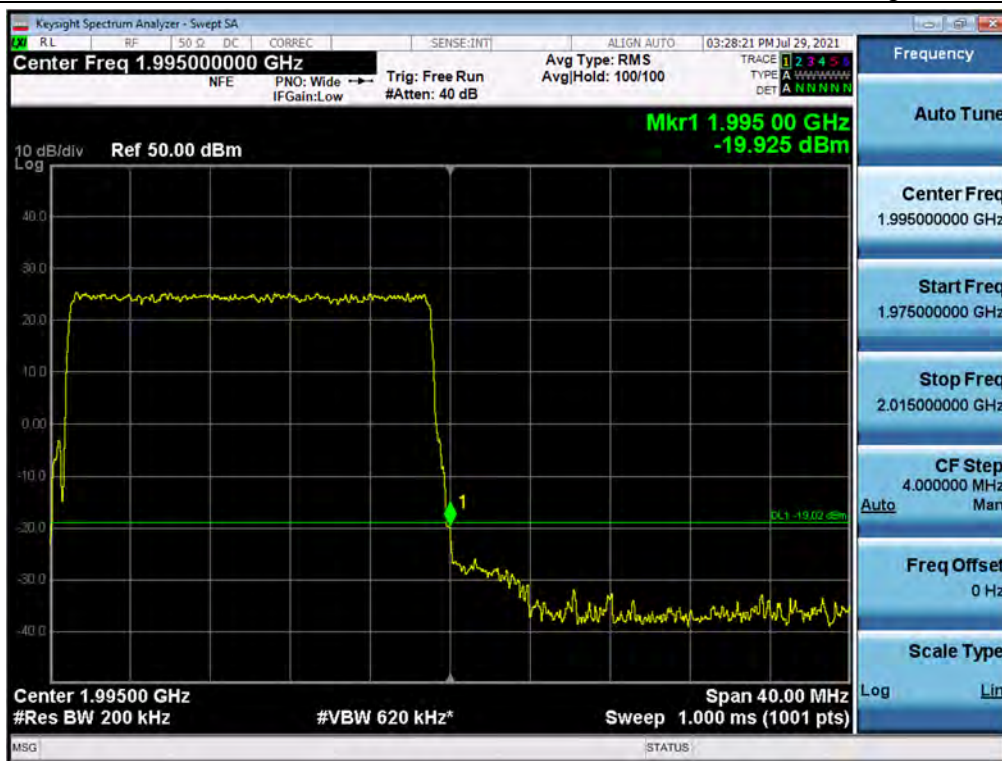
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Antenna 3 / B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier + B66 LTE 20 MHz 1 Carrier [5 Carrier] (AWS) / Inter-Band / QPSK / High

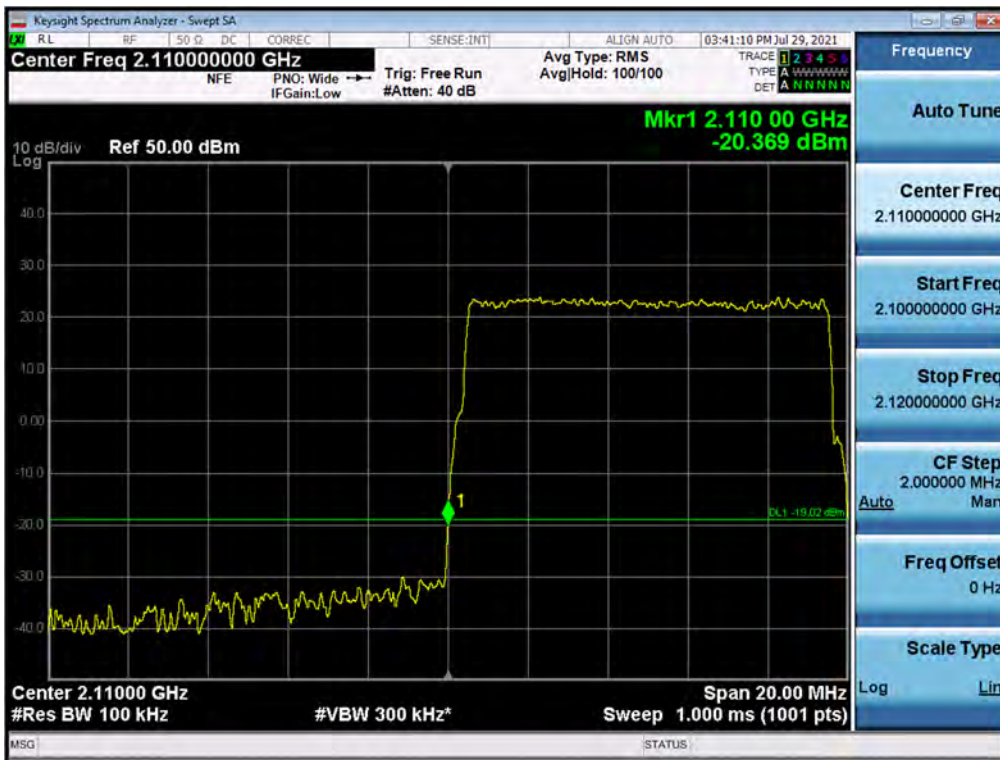


**Antenna 1 / B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B66 LTE 10 MHz 1 Carrier + B66 LTE 10 MHz 1 Carrier [5 Carrier] (PCS) / Inter-Band / 16QAM / Low**

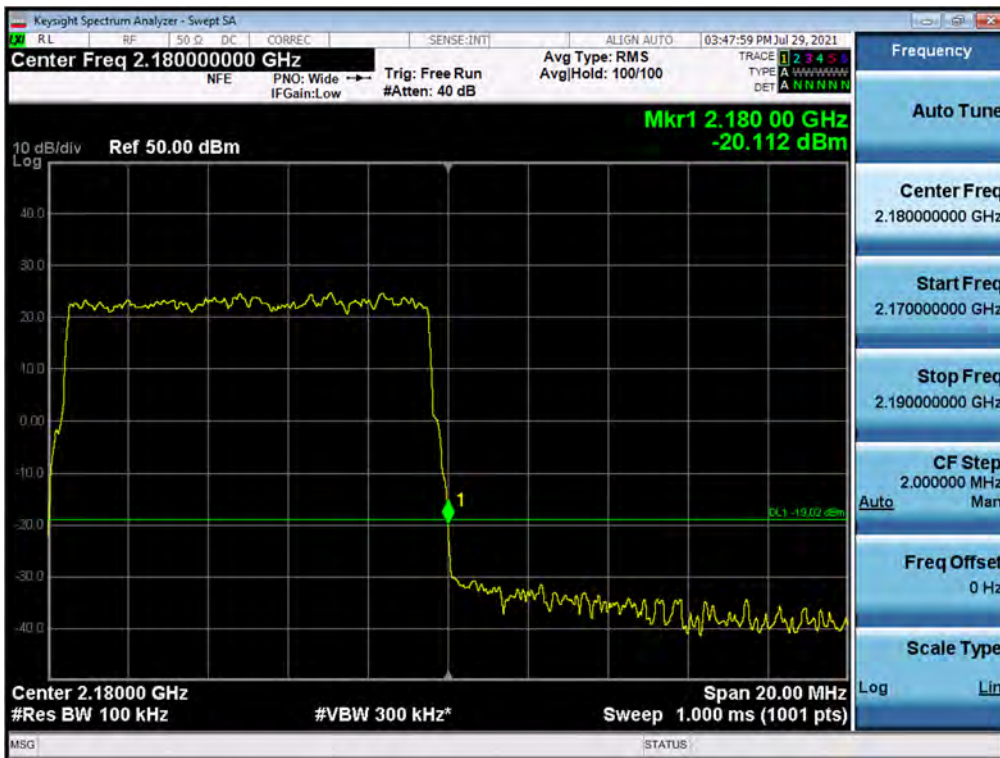
**Antenna 2 / B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B66 LTE 10 MHz 1 Carrier + B66 LTE 10 MHz 1 Carrier [5 Carrier] (PCS) / Inter-Band / 64AQM / High**




Antenna 1 / B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B66 LTE 10 MHz 1 Carrier + B66 LTE 10 MHz 1 Carrier [5 Carrier] (AWS) / Inter-Band / 256QAM / Low



Antenna 1 / B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B66 LTE 10 MHz 1 Carrier + B66 LTE 10 MHz 1 Carrier [5 Carrier] (AWS) / Inter-Band / 16QAM / High



## 5.5. SPURIOUS UNWANTED EMISSIONS

### Test Requirements:

#### § 2.1051 Measurements required: Spurious emissions at antenna terminals.

The radio frequency voltage or powers generated within the equipment and appearing on a spurious frequency shall be checked at the equipment output terminals when properly loaded with a suitable artificial antenna. Curves or equivalent data shall show the magnitude of each harmonic and other spurious emission that can be detected when the equipment is operated under the conditions specified in § 2.1049 as appropriate. The magnitude of spurious emissions which are attenuated more than 20 dB below the permissible value need not be specified.

#### § 24.238 Emission limitations for Broadband PCS equipment.

The rules in this section govern the spectral characteristics of emissions in the Broadband Personal Communications Service.

- (a) Out of band emissions. 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.
- (b) Measurement procedure. Compliance with these rules is based on the use of measurement instrumentation employing a resolution bandwidth of 1 MHz or greater. However, in the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed. A narrower resolution bandwidth is permitted in all cases to improve measurement accuracy provided the measured power is integrated over the full required measurement bandwidth (i.e. 1 MHz or 1 percent of emission bandwidth, as specified). The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.
- (c) Alternative out of band emission limit. Licensees in this service may establish an alternative out of band emission limit to be used at specified band edge(s) in specified geographical areas, in lieu of that set forth in this section, pursuant to a private contractual arrangement of all affected licensees and applicants. In this event, each party to such contract shall maintain a copy of the contract in their station files and disclose it to prospective assignees or transferees and, upon request, to the FCC.
- (d) Interference caused by out of band emissions. If any emission from a transmitter operating in this service results in interference to users of another radio service, the FCC may require a greater attenuation of that emission than

#### § 27.53 Emission limits.

##### (h) AWS emission limits

- (1) General protection levels. Except as otherwise specified below, for operations in the 1695-1710 MHz, 1710-1755 MHz, 1755-1780 MHz, 1915-1920 MHz, 1995-2000 MHz, 2000-2020 MHz, 2110-2155 MHz, 2155-2180 MHz, and 2180-2200 bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least  $43 + 10 \log_{10}(P)$  dB.
- (3) Measurement procedure.
  - (i) Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 megahertz bands immediately outside and adjacent to the licensee's

frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed. The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

- (ii) When measuring the emission limits, the nominal carrier frequency shall be adjusted as close to the licensee's frequency block edges, both upper and lower, as the design permits.
- (iii) The measurements of emission power can be expressed in peak or average values, provided they are expressed in the same parameters as the transmitter power.

### Test Procedures:

The measurement is performed in accordance with Section 5.7.4 of ANSI C63.26.

#### 5.7.4 Spurious unwanted emission measurements

- a) Set the spectrum analyzer start frequency to the lowest frequency generated by the EUT, without going below 9 kHz, and the stop frequency to the lower frequency covered by the measurements previously performed in 5.7.3. As an alternative, the stop frequency can be set to the value specified in 5.1.1, depending on the EUT operating range, if the resulting plot can clearly demonstrate compliance for all frequencies not addressed by the out-of-band emissions measurements performed as per 5.7.3.
- b) When using an average power (rms) detector, ensure that the number of points in the sweep  $\geq 2 \times (\text{span} / \text{RBW})$ . This may require that the measurement range defined by the start and stop frequencies be subdivided, depending on the spectrum analyzer capabilities. This requirement does not apply to peak-detected power measurements. When average power is specified by the applicable regulation, a peak-detector can be utilized for preliminary measurements to accommodate wider frequency spans. Any emissions found in the preliminary measurement to exceed the applicable limit(s) shall be further examined using a power averaging (rms) detector with the minimum number of measurement points as defined above.
- c) The sweep time should be set to auto-couple for performing peak-detector measurements. For measurements that use a power averaging (rms) detector, the sweep time shall be set as described for out-of-band emissions measurements in item d) of 5.7.3.
- d) Identify and measure the Highest spurious emission levels in each frequency range. It is not necessary to re-measure the out-of-band emissions as a part of this test. Record the frequencies and amplitudes corresponding to the measured emissions and capture the data plots.
- e) Repeat step b) through step d) for the upper spurious emission frequency range if not already captured by a wide span measurement performed as per the alternative provided in step a). The upper frequency for this measurement is defined in 5.1.1 as a function of the EUT operating range.
- f) Compare the results with the corresponding limit in the applicable regulation.
- g) The test report shall include the data plots of the measuring instrument display and the measured data.

**Note:**

1. In 9 kHz to 30 MHz band, RBW narrower than reference bandwidth is used. So following correction factor is applied.  
-  $10 \log [(reference\ bandwidth)/(resolution\ bandwidth)]$   
: 9 kHz to 150 kHz applied 1 kHz RBW,  $10 \log (1\ kHz / 1\ MHz) = - 30\ dB$   
: 150 kHz to 30 MHz applied 10 kHz RBW,  $10 \log (10\ kHz / 1\ MHz) = - 20\ dB$   
: Some spurious plot applied 100 kHz RBW,  $10 \log (100\ kHz / 1\ MHz) = - 10\ dB$
2. Due to MIMO operations, a correction has been added to the limit according to KDB 662911 D01 v02r01.  
- 4Tx MIMO correction:  $10 \log(N_{ANT}) = 10 \log(4) = 6.02\ dB$  //  $-13\ dBm - 10 * \log(4) = 19.02\ dBm$
3. The results of the Spurious Unwanted Emissions shown above the frequency measured values are very small and similar trend for each port, so we are attached only the worst case plot.

**Test Results:**
**Tabular Data of Spurious Unwanted Emissions**
**B25 LTE 5 MHz 1 Carrier**
**Test Result for Output Port 0**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge - 100 MHz	Low Edge - 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-26.506	-24.871	-34.902	-28.771	-26.567	-30.544	-26.711
	Middle	-26.170	-25.003	-35.167	-26.542	-27.079	-31.568	-25.995
	High	-26.110	-23.949	-35.240	-26.221	-28.994	-30.929	-25.943
16QAM	Low	-25.516	-24.842	-34.249	-28.775	-26.984	-30.528	-26.152
	Middle	-26.226	-23.990	-36.023	-26.461	-26.735	-31.131	-26.356
	High	-25.266	-23.870	-35.891	-25.958	-28.853	-31.426	-26.207
64QAM	Low	-26.701	-24.127	-36.321	-28.336	-26.949	-31.391	-26.258
	Middle	-26.749	-25.230	-35.744	-26.495	-27.152	-31.325	-25.046
	High	-25.199	-24.151	-35.530	-26.211	-29.060	-31.173	-25.613
256QAM	Low	-25.899	-24.231	-35.655	-29.069	-26.491	-31.327	-26.823
	Middle	-25.472	-24.881	-35.924	-26.252	-27.107	-31.236	-26.247
	High	-25.430	-23.850	-35.808	-26.162	-28.970	-31.375	-26.171

**Test Result for Output Port 1**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge - 100 MHz	Low Edge - 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-26.103	-29.140	-35.593	-27.970	-26.841	-30.976	-26.579
	Middle	-24.849	-27.270	-35.643	-26.345	-26.916	-30.845	-26.353
	High	-25.631	-28.139	-35.885	-26.006	-29.040	-30.955	-26.127
16QAM	Low	-24.076	-28.138	-35.698	-27.776	-27.029	-31.087	-26.612
	Middle	-25.099	-26.000	-35.236	-26.493	-27.179	-30.922	-26.395
	High	-23.922	-26.983	-36.205	-26.369	-28.907	-31.117	-26.677
64QAM	Low	-26.541	-28.257	-35.743	-27.970	-26.883	-30.846	-26.440
	Middle	-25.560	-27.747	-36.122	-26.458	-26.869	-31.005	-26.591
	High	-26.094	-27.120	-35.846	-26.316	-28.739	-30.707	-26.054
256QAM	Low	-26.883	-29.491	-35.666	-27.553	-26.625	-31.406	-26.126
	Middle	-25.223	-27.827	-35.523	-26.399	-26.769	-31.148	-26.318
	High	-24.988	-26.401	-35.926	-26.418	-28.994	-30.593	-26.122

**Test Result for Output Port 2**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-26.333	-30.411	-35.713	-26.090	-26.601	-30.656	-25.888
	Middle	-26.475	-27.910	-35.669	-26.439	-26.526	-31.501	-26.840
	High	-25.213	-27.348	-35.358	-26.335	-29.167	-31.496	-26.103
16QAM	Low	-26.361	-28.169	-35.490	-27.626	-26.537	-31.145	-25.997
	Middle	-25.868	-28.297	-35.792	-26.408	-26.646	-31.000	-25.514
	High	-25.563	-27.983	-35.986	-26.151	-28.947	-30.653	-26.551
64QAM	Low	-26.928	-30.516	-35.602	-26.989	-26.472	-30.652	-25.803
	Middle	-27.097	-27.755	-35.932	-26.386	-26.562	-30.862	-26.313
	High	-26.112	-27.683	-35.539	-26.398	-28.789	-31.355	-26.543
256QAM	Low	-25.916	-29.875	-35.601	-26.984	-26.389	-31.476	-26.281
	Middle	-25.941	-28.095	-35.664	-26.026	-26.537	-31.310	-26.220
	High	-25.187	-28.563	-35.898	-26.224	-29.014	-30.934	-26.757

**Test Result for Output Port 3**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-25.572	-29.453	-35.936	-28.450	-26.464	-31.100	-26.649
	Middle	-25.907	-27.912	-35.160	-25.863	-25.894	-31.150	-26.141
	High	-26.404	-29.277	-35.693	-26.224	-28.908	-31.263	-26.600
16QAM	Low	-24.110	-29.561	-35.759	-28.597	-26.149	-31.184	-26.074
	Middle	-24.870	-27.384	-36.057	-26.441	-26.539	-31.373	-26.781
	High	-24.934	-26.995	-35.419	-26.322	-29.146	-30.863	-26.168
64QAM	Low	-26.733	-30.315	-35.604	-28.233	-26.472	-30.614	-26.924
	Middle	-25.884	-28.302	-35.707	-25.683	-25.880	-31.274	-25.942
	High	-26.789	-27.468	-35.130	-25.991	-29.145	-31.395	-26.452
256QAM	Low	-25.952	-28.950	-35.186	-28.085	-25.953	-31.171	-26.824
	Middle	-27.139	-30.276	-35.064	-25.464	-25.636	-31.104	-27.233
	High	-24.813	-29.513	-35.453	-25.990	-28.928	-31.675	-26.869

**B25 LTE 10 MHz 1 Carrier  
Test Result for Output Port 0**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-22.936	-22.625	-34.752	-29.266	-26.621	-30.366	-27.041
	Middle	-23.904	-22.609	-35.846	-26.162	-26.399	-30.899	-27.113
	High	-23.583	-22.210	-35.234	-26.727	-28.942	-29.185	-26.194
16QAM	Low	-23.087	-21.576	-34.878	-29.367	-27.061	-31.004	-26.079
	Middle	-22.648	-23.885	-35.832	-25.769	-26.427	-29.595	-26.343
	High	-22.626	-22.193	-35.361	-26.642	-28.897	-30.739	-25.823
64QAM	Low	-23.595	-23.410	-35.067	-29.350	-26.749	-30.302	-26.069
	Middle	-22.549	-23.678	-35.483	-26.040	-26.490	-30.320	-25.783
	High	-22.928	-22.516	-35.667	-26.379	-29.072	-30.339	-25.727
256QAM	Low	-23.710	-23.044	-35.565	-29.343	-26.965	-30.278	-26.495
	Middle	-23.467	-22.180	-35.468	-26.234	-26.491	-30.335	-26.155
	High	-23.323	-22.580	-35.579	-26.862	-28.769	-29.789	-26.416

**Test Result for Output Port 1**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-22.703	-24.456	-35.188	-29.246	-26.982	-29.077	-26.285
	Middle	-22.986	-23.018	-35.974	-25.920	-26.076	-30.395	-25.850
	High	-23.142	-23.853	-35.061	-26.563	-28.962	-30.922	-26.310
16QAM	Low	-23.631	-25.247	-35.131	-29.331	-26.909	-29.850	-26.746
	Middle	-22.965	-22.790	-35.270	-25.009	-25.394	-30.345	-26.227
	High	-22.202	-24.849	-34.664	-26.092	-28.871	-30.893	-26.148
64QAM	Low	-23.816	-23.373	-34.860	-29.402	-27.141	-30.592	-26.287
	Middle	-23.995	-23.630	-34.689	-25.781	-25.610	-30.946	-26.152
	High	-23.844	-22.243	-35.608	-26.425	-28.880	-30.756	-26.770
256QAM	Low	-23.712	-24.114	-35.664	-29.472	-27.085	-29.596	-26.211
	Middle	-21.942	-24.987	-35.195	-25.751	-26.165	-30.565	-26.249
	High	-22.789	-23.812	-35.493	-26.343	-28.796	-30.691	-26.446

**Test Result for Output Port 2**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-23.629	-25.134	-35.882	-29.624	-26.589	-30.620	-26.776
	Middle	-23.029	-25.809	-35.410	-26.037	-25.837	-30.897	-26.530
	High	-22.626	-24.422	-35.126	-26.181	-28.981	-30.452	-26.517
16QAM	Low	-23.764	-26.128	-35.072	-29.411	-26.530	-29.493	-26.905
	Middle	-23.669	-23.080	-34.503	-25.691	-25.663	-31.138	-25.909
	High	-23.284	-25.055	-35.458	-26.198	-28.878	-30.524	-25.385
64QAM	Low	-24.000	-26.825	-35.684	-29.506	-27.092	-31.533	-26.286
	Middle	-23.459	-25.721	-35.877	-25.780	-26.167	-29.382	-26.191
	High	-23.214	-23.640	-35.736	-26.713	-28.954	-30.045	-26.579
256QAM	Low	-24.379	-23.794	-35.820	-29.489	-27.164	-30.084	-25.509
	Middle	-23.601	-24.733	-34.919	-25.861	-26.030	-30.759	-26.680
	High	-22.736	-24.791	-35.090	-26.471	-29.154	-29.527	-25.550

**Test Result for Output Port 3**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-24.265	-25.336	-35.121	-29.280	-26.768	-30.312	-26.573
	Middle	-22.530	-24.734	-35.569	-26.010	-26.116	-30.997	-26.256
	High	-21.947	-23.230	-35.247	-26.585	-28.816	-31.041	-27.217
16QAM	Low	-23.044	-25.845	-35.933	-29.126	-25.775	-30.217	-26.577
	Middle	-22.867	-23.458	-35.362	-25.698	-26.084	-30.354	-26.265
	High	-22.953	-23.567	-35.873	-26.649	-28.777	-30.831	-26.139
64QAM	Low	-22.842	-25.460	-35.528	-29.412	-26.544	-30.831	-26.703
	Middle	-23.354	-25.552	-35.346	-25.769	-25.842	-29.902	-26.674
	High	-22.756	-23.491	-35.177	-26.638	-29.128	-30.658	-26.848
256QAM	Low	-23.877	-25.280	-35.551	-29.452	-26.508	-30.571	-26.675
	Middle	-22.906	-23.904	-35.791	-25.713	-25.837	-31.393	-26.645
	High	-22.988	-23.614	-35.670	-26.677	-28.889	-30.967	-26.246



**B25 LTE 15 MHz 1 Carrier  
Test Result for Output Port 0**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-22.457	-22.537	-35.381	-29.484	-26.743	-29.231	-27.122
	Middle	-22.924	-22.337	-35.304	-25.916	-26.213	-29.149	-26.632
	High	-23.501	-23.983	-35.197	-26.353	-28.850	-29.125	-26.562
16QAM	Low	-21.937	-23.027	-35.209	-29.386	-26.733	-29.050	-26.855
	Middle	-22.721	-22.636	-35.061	-26.076	-26.189	-29.974	-26.216
	High	-22.997	-22.529	-34.456	-26.568	-28.990	-29.741	-25.969
64QAM	Low	-22.873	-23.334	-34.874	-29.147	-26.912	-29.480	-26.132
	Middle	-23.358	-22.882	-35.166	-26.032	-26.325	-30.310	-26.141
	High	-20.989	-22.581	-35.170	-26.524	-28.674	-28.325	-26.634
256QAM	Low	-22.943	-21.935	-35.067	-29.271	-26.827	-28.640	-26.136
	Middle	-22.596	-23.319	-35.056	-26.134	-26.046	-29.396	-26.906
	High	-22.027	-22.680	-35.474	-26.206	-28.743	-29.171	-25.820

**Test Result for Output Port 1**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-22.402	-22.925	-35.103	-29.409	-27.170	-28.468	-26.771
	Middle	-22.489	-24.081	-35.108	-25.773	-25.563	-29.702	-26.060
	High	-22.182	-23.946	-35.201	-25.878	-28.803	-29.678	-26.048
16QAM	Low	-22.765	-22.872	-35.088	-29.306	-27.041	-28.900	-26.064
	Middle	-22.034	-23.763	-34.709	-24.982	-25.512	-29.245	-26.745
	High	-21.968	-24.067	-35.254	-26.412	-28.639	-29.024	-26.463
64QAM	Low	-22.761	-23.104	-34.908	-29.206	-26.616	-27.690	-26.696
	Middle	-23.393	-22.950	-35.362	-25.855	-25.483	-29.314	-26.527
	High	-23.197	-23.751	-35.020	-26.347	-28.983	-29.789	-26.379
256QAM	Low	-22.665	-24.849	-35.116	-29.352	-26.923	-28.804	-26.328
	Middle	-23.050	-23.415	-34.595	-25.371	-25.202	-29.695	-26.628
	High	-22.127	-23.507	-35.519	-26.227	-28.692	-29.521	-25.823

**Test Result for Output Port 2**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-22.441	-21.873	-34.668	-29.404	-26.788	-30.045	-26.627
	Middle	-21.407	-22.481	-34.760	-26.170	-26.035	-29.084	-27.016
	High	-21.421	-22.865	-34.868	-26.485	-28.766	-29.050	-25.995
16QAM	Low	-21.154	-22.841	-34.293	-29.353	-26.590	-30.073	-26.944
	Middle	-20.381	-23.103	-34.987	-25.796	-25.796	-29.317	-26.193
	High	-20.339	-22.658	-34.593	-26.246	-28.890	-28.742	-27.023
64QAM	Low	-21.995	-22.611	-34.922	-29.401	-26.678	-29.962	-25.856
	Middle	-22.048	-23.313	-35.496	-26.151	-25.618	-29.651	-26.445
	High	-20.978	-22.331	-34.669	-26.160	-28.840	-30.216	-26.453
256QAM	Low	-22.505	-23.616	-35.070	-29.472	-26.633	-29.274	-26.224
	Middle	-21.824	-21.877	-35.166	-26.175	-26.116	-29.486	-26.066
	High	-21.057	-22.983	-35.034	-26.389	-28.874	-29.614	-26.371

**Test Result for Output Port 3**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-22.928	-30.140	-35.285	-29.421	-26.561	-29.139	-26.325
	Middle	-21.047	-22.850	-35.211	-25.792	-25.827	-29.134	-26.291
	High	-21.301	-21.909	-35.314	-26.465	-28.892	-29.232	-26.310
16QAM	Low	-22.347	-29.512	-35.545	-29.497	-26.621	-29.672	-26.259
	Middle	-21.897	-29.189	-35.223	-25.722	-25.580	-30.051	-26.131
	High	-20.369	-21.989	-34.522	-26.534	-28.741	-28.056	-26.003
64QAM	Low	-23.588	-29.906	-34.938	-29.567	-26.873	-28.667	-26.484
	Middle	-20.565	-22.533	-35.340	-25.150	-25.869	-30.101	-26.466
	High	-21.415	-22.437	-35.260	-26.624	-29.174	-29.455	-26.205
256QAM	Low	-22.714	-30.044	-35.289	-29.408	-26.773	-28.873	-26.193
	Middle	-21.298	-22.899	-34.948	-25.880	-25.782	-29.763	-26.063
	High	-21.099	-21.348	-34.467	-26.324	-28.879	-29.332	-26.824

**B25 LTE 20 MHz 1 Carrier  
Test Result for Output Port 0**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-21.976	-23.363	-34.924	-29.453	-25.654	-27.427	-26.452
	Middle	-22.259	-21.855	-35.099	-25.322	-26.626	-28.142	-26.317
	High	-21.387	-22.191	-34.960	-24.183	-28.969	-28.180	-26.977
16QAM	Low	-22.623	-22.967	-34.853	-29.323	-26.010	-27.927	-26.574
	Middle	-22.512	-22.077	-34.984	-25.157	-26.063	-29.409	-26.536
	High	-21.986	-22.474	-35.176	-24.177	-28.780	-28.425	-26.362
64QAM	Low	-22.849	-23.880	-35.069	-29.424	-25.962	-28.184	-26.075
	Middle	-22.771	-23.311	-35.137	-25.673	-26.572	-28.354	-25.060
	High	-22.710	-22.313	-34.588	-23.410	-28.771	-28.175	-26.314
256QAM	Low	-23.256	-22.807	-34.599	-29.279	-25.669	-27.289	-26.252
	Middle	-23.474	-21.869	-34.887	-25.837	-26.570	-28.180	-25.703
	High	-23.139	-22.445	-34.697	-23.514	-28.900	-28.235	-26.585

**Test Result for Output Port 1**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-22.708	-26.380	-34.872	-29.590	-25.445	-27.643	-26.447
	Middle	-20.844	-26.492	-34.747	-24.921	-24.826	-28.603	-26.870
	High	-22.101	-25.372	-34.956	-24.697	-28.839	-27.117	-26.646
16QAM	Low	-22.775	-26.983	-34.693	-29.312	-25.927	-27.778	-26.419
	Middle	-21.748	-25.934	-34.807	-24.914	-25.353	-29.338	-26.164
	High	-21.090	-25.535	-34.762	-25.014	-28.862	-28.481	-26.176
64QAM	Low	-22.312	-27.066	-35.155	-29.516	-25.648	-28.009	-25.256
	Middle	-22.282	-27.418	-35.169	-25.033	-25.496	-29.127	-25.633
	High	-22.840	-25.085	-34.730	-24.029	-28.849	-28.536	-26.568
256QAM	Low	-22.671	-26.990	-35.267	-29.404	-25.485	-27.606	-26.657
	Middle	-22.367	-26.789	-34.991	-24.947	-25.705	-29.031	-25.764
	High	-22.590	-26.309	-34.668	-24.406	-28.728	-28.048	-26.556

**Test Result for Output Port 2**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-23.250	-28.510	-35.512	-29.408	-25.624	-29.291	-25.913
	Middle	-21.998	-28.065	-35.024	-25.419	-26.299	-28.831	-25.898
	High	-23.766	-26.063	-35.535	-24.825	-28.768	-28.180	-26.642
16QAM	Low	-22.038	-28.682	-35.106	-29.396	-25.813	-27.707	-26.230
	Middle	-22.834	-27.228	-35.457	-25.201	-25.993	-29.522	-26.740
	High	-22.354	-26.929	-34.803	-23.605	-28.910	-29.115	-26.041
64QAM	Low	-22.078	-28.906	-34.511	-29.260	-25.922	-27.653	-26.533
	Middle	-21.477	-28.683	-34.779	-25.447	-26.184	-29.185	-26.664
	High	-22.177	-28.456	-35.226	-23.875	-28.800	-28.896	-26.224
256QAM	Low	-23.621	-26.952	-35.075	-29.204	-25.419	-28.901	-26.181
	Middle	-22.247	-27.232	-35.240	-25.722	-25.980	-28.869	-26.479
	High	-23.408	-26.342	-35.071	-23.740	-28.782	-28.802	-26.859

**Test Result for Output Port 3**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-22.712	-26.751	-34.849	-29.448	-25.868	-27.644	-26.678
	Middle	-22.686	-27.182	-35.460	-25.641	-26.315	-29.300	-26.171
	High	-22.532	-25.793	-35.065	-24.457	-28.791	-28.558	-26.790
16QAM	Low	-21.888	-27.371	-35.679	-29.424	-25.830	-28.307	-26.220
	Middle	-21.464	-26.349	-35.492	-25.089	-26.022	-28.981	-26.523
	High	-21.161	-27.018	-34.997	-24.673	-28.801	-27.932	-26.460
64QAM	Low	-21.817	-26.949	-35.163	-29.342	-25.501	-27.975	-26.485
	Middle	-21.755	-27.547	-34.908	-25.341	-25.995	-29.496	-26.554
	High	-21.959	-25.868	-35.057	-24.633	-28.949	-28.729	-27.017
256QAM	Low	-22.337	-26.758	-35.165	-29.364	-25.607	-27.853	-26.137
	Middle	-22.268	-25.675	-34.441	-25.291	-26.038	-29.086	-26.980
	High	-21.458	-26.919	-34.922	-24.248	-28.672	-28.322	-26.304

**B66 LTE 5 MHz 1 Carrier**  
**Test Result for Output Port 0**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-22.039	-25.841	-34.066	-27.105	-27.738	-32.432	-28.436
	Middle	-20.568	-26.054	-34.952	-27.789	-27.729	-32.499	-29.271
	High	-26.701	-25.930	-35.478	-27.431	-25.358	-32.282	-28.907
16QAM	Low	-21.958	-25.844	-33.628	-26.229	-27.730	-32.661	-28.776
	Middle	-22.639	-26.152	-34.705	-27.594	-27.930	-32.343	-28.648
	High	-21.173	-25.914	-35.228	-27.398	-24.888	-32.282	-28.599
64QAM	Low	-21.143	-25.593	-35.130	-27.766	-27.379	-32.592	-28.103
	Middle	-22.214	-25.634	-35.117	-27.499	-27.724	-32.050	-28.400
	High	-22.907	-25.236	-35.424	-27.518	-25.374	-32.520	-29.033
256QAM	Low	-21.908	-25.995	-35.093	-27.548	-27.609	-32.634	-28.496
	Middle	-22.107	-25.127	-35.158	-27.605	-27.814	-32.040	-28.567
	High	-20.815	-25.475	-34.783	-27.261	-25.141	-31.732	-29.005

**Test Result for Output Port 1**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-25.066	-25.189	-35.132	-27.102	-27.218	-31.393	-28.497
	Middle	-26.172	-26.279	-35.204	-27.220	-27.676	-30.918	-29.114
	High	-26.038	-24.973	-34.793	-27.170	-25.714	-32.246	-28.536
16QAM	Low	-22.959	-25.348	-35.287	-26.584	-27.492	-32.351	-28.378
	Middle	-24.341	-26.362	-35.162	-27.513	-27.501	-32.214	-28.972
	High	-25.007	-26.161	-35.268	-27.254	-24.312	-31.454	-28.537
64QAM	Low	-25.863	-25.407	-35.319	-27.689	-27.202	-32.643	-28.760
	Middle	-25.424	-25.950	-35.382	-27.180	-27.213	-32.185	-29.169
	High	-25.668	-26.734	-35.101	-27.474	-23.612	-32.166	-28.677
256QAM	Low	-24.394	-25.372	-35.351	-27.291	-27.337	-32.260	-28.926
	Middle	-25.451	-26.195	-34.883	-27.361	-27.398	-31.649	-29.228
	High	-26.307	-26.744	-34.851	-26.985	-23.941	-32.631	-28.479

**Test Result for Output Port 2**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-22.006	-28.939	-35.154	-26.822	-27.807	-32.596	-29.029
	Middle	-21.185	-28.057	-34.997	-27.425	-27.569	-32.212	-29.278
	High	-19.944	-28.168	-35.122	-27.576	-26.632	-31.754	-28.655
16QAM	Low	-23.177	-28.303	-35.604	-26.787	-27.013	-32.768	-28.265
	Middle	-22.354	-28.354	-34.898	-27.443	-27.876	-32.053	-28.704
	High	-21.811	-27.399	-35.116	-27.363	-25.108	-32.263	-28.835
64QAM	Low	-20.549	-28.050	-35.351	-27.637	-27.619	-32.463	-28.793
	Middle	-22.350	-27.379	-34.651	-27.473	-27.502	-31.867	-28.503
	High	-21.496	-29.137	-34.597	-27.381	-25.303	-32.411	-28.742
256QAM	Low	-21.617	-28.465	-35.360	-27.163	-27.553	-32.131	-28.215
	Middle	-20.399	-26.348	-34.209	-27.328	-27.392	-31.834	-28.332
	High	-20.480	-28.852	-35.342	-27.306	-24.613	-31.148	-28.538

**Test Result for Output Port 3**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-20.817	-28.206	-34.338	-26.986	-27.215	-32.485	-28.224
	Middle	-20.802	-27.265	-34.261	-27.360	-27.427	-30.962	-27.584
	High	-20.856	-28.392	-35.814	-27.113	-25.896	-32.194	-28.447
16QAM	Low	-19.969	-27.613	-34.746	-26.965	-27.153	-32.335	-29.185
	Middle	-20.779	-27.511	-34.387	-27.346	-27.557	-32.132	-28.259
	High	-23.047	-28.411	-35.167	-27.221	-24.873	-32.179	-28.381
64QAM	Low	-21.345	-28.359	-35.528	-27.272	-27.511	-32.479	-28.685
	Middle	-21.118	-28.933	-35.050	-27.303	-27.625	-31.685	-28.245
	High	-21.433	-28.816	-35.453	-26.980	-26.098	-31.935	-28.652
256QAM	Low	-21.651	-28.281	-35.336	-26.857	-27.645	-32.218	-28.077
	Middle	-21.937	-28.135	-34.135	-27.356	-27.546	-32.495	-28.707
	High	-20.914	-28.804	-35.463	-27.181	-25.940	-32.486	-28.326

**B66 LTE 10 MHz 1 Carrier  
Test Result for Output Port 0**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-21.344	-24.936	-33.501	-29.435	-27.610	-31.637	-28.730
	Middle	-20.594	-25.657	-34.936	-27.403	-27.165	-30.447	-28.039
	High	-20.643	-25.096	-34.791	-27.821	-28.967	-31.050	-28.013
16QAM	Low	-22.091	-25.068	-34.623	-29.632	-27.753	-31.065	-28.702
	Middle	-21.535	-25.000	-34.541	-27.459	-27.145	-30.856	-28.385
	High	-22.135	-25.382	-34.770	-27.569	-28.976	-30.808	-27.733
64QAM	Low	-20.043	-25.675	-34.817	-29.657	-27.783	-31.400	-28.262
	Middle	-21.839	-25.240	-34.982	-27.018	-27.330	-30.149	-28.397
	High	-21.350	-24.690	-34.980	-27.312	-29.076	-30.617	-28.753
256QAM	Low	-22.372	-23.891	-34.794	-29.504	-27.586	-31.838	-28.669
	Middle	-22.543	-24.750	-34.755	-27.613	-27.223	-31.702	-28.506
	High	-20.982	-25.907	-34.548	-27.716	-29.123	-31.365	-28.613

**Test Result for Output Port 1**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-22.206	-25.437	-33.998	-29.534	-27.203	-31.516	-29.310
	Middle	-21.721	-25.007	-34.756	-27.334	-27.206	-30.308	-28.910
	High	-22.060	-27.263	-35.132	-27.352	-28.815	-31.712	-28.252
16QAM	Low	-21.244	-28.269	-35.125	-29.295	-27.530	-30.522	-28.449
	Middle	-21.170	-27.440	-35.008	-27.298	-27.368	-31.271	-27.259
	High	-22.624	-26.657	-34.780	-27.549	-29.053	-30.243	-28.730
64QAM	Low	-20.657	-26.388	-34.516	-29.537	-27.463	-30.080	-29.188
	Middle	-22.207	-26.995	-35.047	-27.287	-27.131	-31.547	-28.366
	High	-20.504	-26.471	-34.727	-27.661	-28.975	-31.775	-28.947
256QAM	Low	-21.900	-26.638	-35.155	-29.276	-27.629	-31.486	-27.451
	Middle	-21.372	-26.723	-34.230	-27.305	-27.418	-31.925	-28.351
	High	-21.715	-27.111	-34.851	-27.478	-28.991	-31.600	-27.746

**Test Result for Output Port 2**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-20.770	-26.707	-34.703	-29.386	-27.852	-31.265	-29.196
	Middle	-22.174	-27.019	-35.229	-27.413	-27.605	-31.575	-28.275
	High	-21.546	-27.707	-34.734	-27.542	-28.898	-31.085	-28.412
16QAM	Low	-20.083	-25.975	-34.878	-29.494	-27.439	-29.737	-28.977
	Middle	-20.557	-27.667	-34.950	-27.058	-27.437	-30.229	-27.523
	High	-22.079	-28.464	-35.238	-27.556	-28.893	-31.458	-28.748
64QAM	Low	-20.720	-27.756	-34.525	-29.631	-27.701	-31.739	-28.373
	Middle	-22.335	-25.877	-34.892	-27.561	-27.441	-31.841	-28.011
	High	-21.106	-27.334	-34.558	-27.602	-28.872	-31.447	-28.460
256QAM	Low	-21.778	-26.769	-34.094	-29.620	-27.913	-32.196	-28.382
	Middle	-20.890	-27.170	-34.625	-27.756	-27.477	-32.058	-27.896
	High	-22.049	-25.857	-34.323	-27.687	-28.872	-31.229	-28.207

**Test Result for Output Port 3**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-21.253	-27.812	-34.624	-29.287	-27.979	-30.214	-28.261
	Middle	-22.952	-27.358	-33.964	-27.049	-27.869	-31.031	-28.876
	High	-21.956	-27.574	-35.093	-27.505	-28.899	-31.900	-29.098
16QAM	Low	-21.239	-26.303	-34.877	-29.307	-27.703	-31.481	-28.442
	Middle	-22.834	-26.799	-34.260	-27.493	-27.545	-31.054	-28.069
	High	-20.079	-26.959	-34.920	-27.478	-28.757	-29.842	-28.257
64QAM	Low	-20.833	-26.510	-34.925	-29.138	-27.747	-30.710	-28.858
	Middle	-21.984	-26.084	-35.190	-27.315	-27.317	-30.535	-28.206
	High	-22.483	-27.211	-34.505	-27.675	-28.851	-31.239	-28.519
256QAM	Low	-21.608	-27.145	-34.599	-29.547	-27.767	-30.710	-27.505
	Middle	-20.871	-28.235	-34.800	-27.337	-27.369	-29.885	-28.559
	High	-21.423	-26.082	-34.433	-27.444	-28.873	-31.525	-28.695



**B66 LTE 15 MHz 1 Carrier  
Test Result for Output Port 0**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-21.440	-23.671	-34.370	-29.267	-27.272	-30.261	-28.541
	Middle	-20.215	-23.762	-34.464	-25.997	-26.830	-30.212	-28.629
	High	-21.382	-24.869	-34.098	-27.399	-28.795	-30.762	-28.646
16QAM	Low	-22.158	-23.490	-33.999	-29.438	-27.240	-30.200	-28.444
	Middle	-20.918	-24.063	-34.317	-27.326	-27.252	-29.789	-28.099
	High	-22.101	-24.171	-34.669	-27.173	-28.623	-30.669	-27.915
64QAM	Low	-20.942	-24.416	-33.797	-29.365	-27.763	-30.217	-28.701
	Middle	-23.136	-25.223	-34.747	-27.206	-26.892	-30.771	-28.592
	High	-20.729	-24.056	-34.931	-27.274	-28.731	-31.302	-28.538
256QAM	Low	-22.542	-24.341	-34.593	-29.288	-27.552	-29.202	-28.045
	Middle	-19.600	-25.057	-34.737	-27.198	-27.220	-29.239	-28.682
	High	-21.400	-24.911	-35.295	-27.252	-28.570	-30.145	-28.487

**Test Result for Output Port 1**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-20.696	-26.695	-34.167	-29.310	-27.140	-30.295	-28.811
	Middle	-20.869	-26.719	-34.617	-25.837	-26.816	-29.807	-28.791
	High	-22.260	-26.468	-34.189	-26.374	-28.893	-29.870	-28.771
16QAM	Low	-21.198	-25.123	-34.175	-29.262	-26.864	-29.782	-28.092
	Middle	-20.136	-24.754	-34.747	-26.350	-26.786	-30.321	-28.250
	High	-20.150	-25.425	-34.272	-26.414	-28.563	-30.064	-28.487
64QAM	Low	-21.296	-25.670	-34.397	-29.185	-26.649	-30.608	-28.323
	Middle	-21.552	-25.367	-34.827	-26.129	-26.900	-29.628	-28.334
	High	-21.631	-24.642	-34.210	-26.660	-28.744	-30.632	-28.680
256QAM	Low	-22.022	-26.288	-34.519	-29.397	-26.947	-30.128	-28.685
	Middle	-20.590	-25.278	-34.695	-26.173	-27.120	-29.786	-28.242
	High	-20.757	-26.888	-34.791	-26.177	-28.675	-28.465	-28.594

**Test Result for Output Port 2**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-21.871	-26.493	-34.669	-29.384	-27.203	-30.976	-28.541
	Middle	-20.689	-26.744	-34.583	-26.597	-27.536	-30.574	-28.739
	High	-20.224	-27.332	-34.667	-26.413	-28.778	-30.943	-28.692
16QAM	Low	-21.851	-26.263	-34.499	-29.256	-27.466	-30.809	-28.888
	Middle	-21.763	-25.790	-35.495	-26.937	-27.453	-31.438	-29.115
	High	-21.897	-25.919	-34.603	-26.113	-28.872	-30.011	-28.288
64QAM	Low	-21.074	-26.065	-34.499	-29.501	-27.083	-29.424	-28.137
	Middle	-19.536	-26.943	-34.502	-26.434	-26.911	-29.996	-28.470
	High	-22.078	-26.517	-35.169	-25.094	-28.755	-30.310	-28.743
256QAM	Low	-21.504	-25.953	-34.439	-29.402	-26.909	-30.058	-28.599
	Middle	-21.860	-25.148	-34.840	-26.873	-27.333	-30.616	-28.350
	High	-21.983	-27.709	-34.086	-25.549	-28.521	-30.491	-28.880

**Test Result for Output Port 3**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-20.998	-25.995	-34.381	-29.447	-27.620	-30.846	-28.371
	Middle	-21.094	-26.732	-35.059	-27.310	-27.088	-30.556	-28.685
	High	-21.677	-26.414	-34.773	-27.165	-28.931	-29.695	-28.577
16QAM	Low	-21.499	-26.187	-33.723	-29.333	-27.581	-30.844	-28.581
	Middle	-21.851	-25.524	-34.510	-26.658	-26.775	-29.711	-28.674
	High	-20.972	-24.726	-35.092	-27.369	-28.890	-29.208	-28.690
64QAM	Low	-22.816	-25.996	-34.768	-29.468	-27.444	-30.981	-28.589
	Middle	-20.964	-26.117	-34.896	-27.620	-27.187	-30.517	-28.157
	High	-22.137	-26.673	-34.664	-26.326	-28.848	-30.181	-28.405
256QAM	Low	-20.560	-26.385	-34.868	-29.544	-27.326	-31.122	-28.070
	Middle	-22.083	-25.806	-35.035	-27.276	-27.304	-29.539	-28.224
	High	-22.601	-26.597	-34.547	-27.034	-28.711	-29.426	-28.202

**B66 LTE 20 MHz 1 Carrier  
Test Result for Output Port 0**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-20.896	-23.489	-33.831	-29.097	-27.345	-29.198	-29.022
	Middle	-21.274	-23.405	-32.717	-27.361	-26.637	-28.354	-29.415
	High	-22.426	-25.099	-34.017	-25.811	-28.680	-30.240	-28.927
16QAM	Low	-21.717	-22.985	-33.837	-28.706	-27.207	-29.852	-29.073
	Middle	-20.748	-23.788	-34.339	-27.312	-26.739	-29.347	-28.124
	High	-21.206	-23.107	-34.521	-26.633	-28.761	-30.118	-28.677
64QAM	Low	-21.760	-23.840	-33.875	-29.319	-27.309	-28.486	-28.539
	Middle	-20.947	-23.000	-32.902	-27.408	-27.172	-28.646	-28.675
	High	-21.871	-22.331	-33.793	-25.905	-28.772	-29.673	-28.669
256QAM	Low	-21.366	-23.779	-34.355	-29.236	-26.776	-29.390	-28.633
	Middle	-21.421	-23.884	-33.729	-27.013	-26.570	-29.371	-28.735
	High	-19.880	-23.287	-34.561	-26.488	-28.740	-30.350	-28.341

**Test Result for Output Port 1**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-21.463	-24.567	-34.275	-29.397	-25.956	-29.838	-28.065
	Middle	-22.975	-23.996	-34.070	-26.431	-26.016	-29.067	-28.513
	High	-21.555	-23.972	-33.884	-26.595	-28.746	-29.434	-28.465
16QAM	Low	-19.941	-23.931	-34.555	-29.398	-25.655	-30.006	-29.144
	Middle	-20.395	-24.536	-33.882	-26.149	-26.710	-30.202	-27.985
	High	-21.486	-24.597	-33.963	-26.676	-28.546	-29.890	-28.798
64QAM	Low	-22.115	-23.662	-34.203	-29.344	-25.628	-30.172	-28.719
	Middle	-21.132	-23.427	-33.697	-26.279	-27.131	-29.222	-28.816
	High	-20.641	-24.408	-34.173	-26.150	-29.015	-28.752	-28.316
256QAM	Low	-20.758	-24.942	-34.361	-29.090	-26.291	-30.342	-28.640
	Middle	-21.855	-23.955	-34.003	-26.581	-25.756	-29.197	-28.491
	High	-21.680	-24.599	-34.615	-27.041	-28.724	-29.554	-28.647

**Test Result for Output Port 2**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-22.064	-24.766	-34.605	-29.147	-25.856	-29.734	-26.991
	Middle	-21.242	-25.571	-34.298	-26.271	-26.947	-28.641	-28.446
	High	-21.587	-25.809	-33.979	-25.718	-28.766	-29.667	-28.510
16QAM	Low	-20.273	-25.059	-34.347	-29.198	-25.685	-29.592	-28.938
	Middle	-21.254	-24.341	-34.326	-26.278	-27.133	-29.935	-28.050
	High	-21.018	-25.800	-34.524	-26.317	-28.722	-30.716	-27.901
64QAM	Low	-21.287	-24.842	-33.760	-29.346	-25.901	-29.808	-28.083
	Middle	-21.507	-25.227	-34.606	-26.274	-27.352	-28.536	-28.519
	High	-22.324	-25.888	-33.854	-25.354	-28.472	-29.769	-28.497
256QAM	Low	-21.267	-24.853	-34.364	-29.158	-26.154	-29.598	-28.405
	Middle	-21.970	-25.079	-34.203	-26.466	-27.275	-29.798	-28.708
	High	-20.535	-25.591	-33.917	-26.217	-28.666	-30.383	-28.734

**Test Result for Output Port 3**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-21.820	-24.399	-33.772	-29.134	-27.120	-29.947	-28.217
	Middle	-21.108	-24.563	-34.265	-27.072	-26.930	-29.271	-28.263
	High	-20.778	-25.111	-34.303	-26.507	-28.674	-29.073	-28.700
16QAM	Low	-20.851	-23.142	-33.876	-29.236	-26.734	-30.245	-27.897
	Middle	-20.446	-24.069	-34.724	-27.011	-26.564	-29.174	-28.633
	High	-21.058	-24.554	-34.499	-26.640	-28.750	-28.863	-28.931
64QAM	Low	-21.163	-24.371	-34.113	-29.200	-26.550	-30.153	-28.246
	Middle	-21.033	-24.396	-34.519	-26.957	-26.816	-28.790	-28.336
	High	-20.684	-24.431	-34.423	-26.360	-28.398	-30.164	-28.452
256QAM	Low	-19.635	-23.123	-34.648	-29.271	-26.707	-29.384	-28.284
	Middle	-22.300	-24.053	-33.971	-27.208	-26.844	-28.939	-27.846
	High	-22.315	-24.961	-34.665	-26.786	-28.779	-28.237	-28.634

**Tabular Data of RF Contiguous**
**B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier [2 Carrier] / Contiguous**
**Test Result for Output Port 0**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-29.343	-22.678	-39.783	-25.768	-28.168	-29.551	-30.816
	Middle	-27.372	-23.046	-39.032	-26.695	-27.376	-30.265	-30.932
	High	-26.132	-22.293	-40.309	-25.816	-34.807	-27.297	-28.802
16QAM	Low	-27.928	-22.245	-40.017	-26.054	-28.881	-31.336	-29.723
	Middle	-25.644	-22.979	-40.522	-26.640	-27.341	-30.117	-30.427
	High	-25.353	-22.183	-39.981	-26.868	-35.396	-28.103	-30.386
64QAM	Low	-29.856	-22.422	-39.557	-26.358	-28.171	-30.807	-29.947
	Middle	-27.865	-21.979	-40.073	-26.489	-27.416	-31.059	-29.955
	High	-26.087	-21.303	-39.920	-25.035	-34.832	-27.508	-30.189
256QAM	Low	-29.605	-22.460	-40.242	-26.393	-28.168	-30.664	-30.376
	Middle	-28.265	-22.199	-40.208	-26.940	-27.832	-31.073	-28.919
	High	-25.862	-22.166	-39.711	-25.767	-36.142	-28.675	-30.886

**Test Result for Output Port 1**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-27.410	-29.603	-39.151	-24.320	-28.657	-30.302	-30.058
	Middle	-26.090	-28.097	-39.207	-25.694	-26.499	-29.757	-29.122
	High	-24.609	-27.144	-39.709	-25.963	-36.045	-27.668	-31.859
16QAM	Low	-25.961	-29.695	-39.851	-23.825	-28.562	-30.089	-30.637
	Middle	-23.975	-27.322	-39.285	-25.944	-27.590	-30.531	-29.015
	High	-23.078	-27.152	-40.810	-25.735	-36.128	-27.119	-29.249
64QAM	Low	-28.268	-29.729	-39.356	-24.785	-28.260	-30.402	-29.766
	Middle	-25.329	-27.299	-40.047	-26.338	-26.768	-30.117	-30.438
	High	-24.925	-27.031	-39.825	-25.988	-35.344	-27.782	-30.321
256QAM	Low	-28.454	-28.859	-39.220	-24.729	-28.143	-29.826	-30.830
	Middle	-26.056	-27.916	-40.161	-26.148	-27.194	-29.069	-30.121
	High	-24.696	-27.009	-40.050	-26.266	-35.555	-26.899	-30.560

**Test Result for Output Port 2**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-29.962	-31.198	-39.772	-25.472	-28.559	-30.527	-31.552
	Middle	-27.964	-30.283	-39.669	-26.700	-27.343	-29.902	-30.463
	High	-27.094	-28.826	-40.311	-25.615	-35.276	-27.359	-29.764
16QAM	Low	-27.579	-31.433	-40.236	-24.600	-28.336	-29.970	-30.409
	Middle	-26.874	-29.817	-40.009	-26.948	-27.500	-31.459	-30.351
	High	-26.368	-28.463	-39.345	-27.396	-35.505	-28.989	-29.831
64QAM	Low	-29.384	-30.794	-39.655	-24.725	-28.372	-30.624	-29.580
	Middle	-27.922	-29.985	-38.119	-26.281	-27.590	-30.495	-29.786
	High	-26.320	-28.854	-39.180	-25.765	-35.496	-28.381	-30.657
256QAM	Low	-28.943	-31.069	-40.455	-24.780	-28.283	-30.049	-30.540
	Middle	-28.272	-29.974	-39.253	-27.018	-27.167	-31.144	-30.539
	High	-27.441	-28.557	-39.885	-25.698	-35.392	-27.146	-29.137

**Test Result for Output Port 3**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-28.391	-30.354	-40.048	-26.434	-28.791	-28.983	-29.262
	Middle	-27.037	-28.636	-39.680	-26.319	-27.413	-30.825	-33.907
	High	-25.946	-27.783	-39.932	-25.899	-34.601	-27.284	-30.316
16QAM	Low	-27.209	-30.241	-39.615	-25.283	-28.838	-30.734	-31.776
	Middle	-25.350	-28.054	-39.797	-26.975	-27.650	-31.163	-28.238
	High	-24.330	-27.314	-39.973	-26.846	-35.949	-27.424	-29.630
64QAM	Low	-28.605	-30.451	-40.214	-25.712	-28.734	-30.153	-32.251
	Middle	-27.324	-28.972	-40.403	-27.017	-27.933	-30.572	-33.225
	High	-26.000	-27.785	-39.636	-26.310	-35.452	-27.868	-30.265
256QAM	Low	-29.456	-29.547	-39.235	-25.866	-28.635	-30.527	-33.040
	Middle	-25.679	-28.248	-39.682	-26.529	-27.821	-30.371	-32.342
	High	-25.567	-27.485	-40.266	-26.340	-35.037	-28.437	-30.083

**B25 LTE 10 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier [2 Carrier] / Contiguous**  
**Test Result for Output Port 0**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-27.550	-21.899	-39.709	-28.060	-27.037	-30.357	-31.249
	Middle	-26.083	-22.024	-38.452	-24.730	-25.771	-29.932	-30.708
	High	-25.217	-21.886	-39.696	-26.635	-33.746	-27.656	-30.637
16QAM	Low	-25.506	-21.523	-38.575	-27.920	-27.334	-30.163	-29.494
	Middle	-25.886	-21.214	-39.710	-25.455	-25.453	-30.499	-30.516
	High	-24.429	-22.241	-39.847	-26.595	-33.324	-27.108	-28.636
64QAM	Low	-27.427	-22.462	-38.367	-27.414	-27.229	-30.730	-28.648
	Middle	-25.356	-22.018	-39.868	-24.609	-25.729	-29.150	-29.832
	High	-25.509	-22.340	-40.403	-26.471	-33.657	-27.495	-27.348
256QAM	Low	-27.762	-21.297	-40.384	-27.425	-27.274	-30.362	-30.484
	Middle	-25.995	-22.033	-40.568	-24.050	-25.628	-29.548	-30.149
	High	-25.172	-22.262	-40.267	-25.990	-35.356	-27.504	-29.502

**Test Result for Output Port 1**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-26.474	-28.022	-38.803	-26.960	-27.409	-30.399	-30.585
	Middle	-24.809	-26.808	-39.627	-22.178	-23.565	-29.411	-29.936
	High	-24.089	-25.874	-40.007	-26.046	-34.638	-26.910	-30.167
16QAM	Low	-24.855	-26.981	-39.312	-27.087	-26.876	-30.061	-30.895
	Middle	-23.321	-26.256	-40.271	-22.719	-24.458	-28.101	-30.800
	High	-21.862	-25.568	-40.028	-26.267	-33.806	-27.186	-30.118
64QAM	Low	-25.960	-26.810	-38.642	-27.227	-27.063	-30.227	-31.077
	Middle	-22.949	-26.349	-38.688	-23.306	-24.476	-28.138	-30.463
	High	-24.401	-24.558	-39.530	-25.939	-32.755	-26.103	-29.455
256QAM	Low	-26.503	-27.729	-39.461	-27.232	-26.593	-29.942	-30.982
	Middle	-24.015	-25.918	-40.298	-22.763	-23.873	-29.142	-28.282
	High	-23.327	-25.402	-40.308	-26.199	-34.496	-26.295	-30.626

**Test Result for Output Port 2**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-27.956	-29.618	-40.478	-28.015	-27.613	-29.906	-30.463
	Middle	-26.480	-27.883	-40.144	-25.339	-25.630	-30.011	-28.608
	High	-25.682	-28.118	-39.170	-26.541	-32.084	-27.586	-30.265
16QAM	Low	-26.788	-29.821	-38.837	-28.340	-26.859	-34.259	-31.247
	Middle	-25.517	-27.751	-39.929	-24.663	-25.780	-30.004	-29.228
	High	-22.580	-27.446	-39.670	-26.981	-33.653	-27.539	-30.671
64QAM	Low	-27.851	-29.470	-39.226	-28.073	-27.843	-30.961	-29.830
	Middle	-27.061	-28.489	-40.136	-25.081	-26.070	-29.972	-29.288
	High	-24.984	-27.331	-40.008	-26.867	-31.650	-27.037	-30.012
256QAM	Low	-28.219	-29.449	-39.857	-27.643	-27.645	-30.632	-30.465
	Middle	-25.911	-28.592	-40.109	-25.247	-25.913	-29.366	-30.632
	High	-25.754	-27.930	-38.691	-26.880	-32.448	-27.341	-29.549

**Test Result for Output Port 3**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-27.048	-27.214	-40.152	-26.074	-27.678	-30.080	-29.991
	Middle	-25.937	-27.045	-40.277	-25.134	-25.792	-29.775	-30.280
	High	-24.652	-26.605	-39.126	-26.915	-35.591	-27.252	-29.567
16QAM	Low	-25.847	-28.035	-38.876	-27.074	-27.158	-29.400	-29.187
	Middle	-23.923	-25.844	-39.082	-25.669	-25.541	-29.331	-30.400
	High	-21.833	-25.960	-40.636	-26.844	-35.311	-27.977	-30.087
64QAM	Low	-26.966	-27.399	-40.108	-26.920	-27.440	-31.192	-28.414
	Middle	-25.546	-27.153	-39.301	-24.891	-25.715	-29.597	-29.545
	High	-24.072	-26.148	-40.698	-26.681	-34.822	-26.573	-30.876
256QAM	Low	-25.831	-28.555	-38.975	-27.166	-27.386	-30.036	-30.641
	Middle	-26.097	-27.094	-38.577	-25.260	-25.485	-29.355	-30.615
	High	-24.634	-25.813	-39.886	-27.223	-35.029	-26.078	-31.463



**B25 LTE 10 MHz & NB-IoT 1 Carrier + B25 LTE 20 MHz 1 Carrier [2 Carrier] / Contiguous  
 Test Result for Output Port 0**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-29.914	-22.742	-39.470	-26.796	-27.580	-31.074	-30.535
	Middle	-26.512	-22.694	-39.512	-23.825	-25.800	-30.438	-30.317
	High	-27.505	-21.586	-39.244	-26.851	-34.707	-27.031	-29.711
16QAM	Low	-27.611	-22.786	-39.129	-27.331	-27.777	-30.168	-30.503
	Middle	-27.312	-22.422	-39.296	-24.068	-24.814	-30.525	-28.059
	High	-26.690	-21.507	-39.614	-27.113	-35.547	-28.275	-29.401
64QAM	Low	-27.653	-21.967	-39.653	-27.571	-27.399	-30.580	-29.389
	Middle	-28.498	-22.527	-39.585	-24.172	-24.959	-30.234	-26.270
	High	-27.586	-22.259	-39.943	-26.410	-35.505	-27.063	-29.361
256QAM	Low	-28.177	-22.535	-39.655	-27.413	-27.454	-30.589	-30.189
	Middle	-28.651	-22.497	-39.334	-24.624	-25.434	-30.216	-30.668
	High	-26.860	-22.073	-38.859	-26.458	-34.956	-27.166	-30.877

**Test Result for Output Port 1**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-27.367	-28.782	-39.283	-26.412	-26.852	-29.974	-29.321
	Middle	-25.839	-27.957	-39.955	-22.333	-24.039	-29.118	-29.955
	High	-24.366	-27.931	-39.500	-25.925	-34.235	-27.540	-30.587
16QAM	Low	-25.005	-28.470	-40.470	-26.913	-27.122	-30.017	-29.639
	Middle	-23.845	-27.918	-39.771	-22.631	-24.337	-28.823	-30.732
	High	-23.407	-28.118	-39.892	-25.280	-34.175	-27.657	-29.777
64QAM	Low	-26.533	-28.129	-40.502	-26.309	-26.450	-30.268	-30.997
	Middle	-25.576	-27.866	-40.054	-22.065	-24.557	-29.807	-30.396
	High	-23.838	-27.607	-39.334	-25.443	-33.565	-27.968	-30.096
256QAM	Low	-26.898	-28.255	-39.777	-27.566	-26.600	-28.943	-30.896
	Middle	-25.184	-28.082	-39.681	-21.971	-24.175	-29.543	-30.073
	High	-23.512	-27.561	-39.844	-26.317	-34.035	-27.254	-29.646

**Test Result for Output Port 2**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-30.147	-30.373	-40.282	-28.032	-27.437	-30.556	-31.097
	Middle	-28.216	-29.791	-40.639	-24.387	-25.848	-30.243	-30.939
	High	-26.049	-29.679	-40.044	-26.866	-32.184	-27.877	-30.943
16QAM	Low	-27.798	-30.510	-39.806	-28.104	-26.921	-29.730	-30.089
	Middle	-25.359	-29.880	-40.106	-24.279	-25.749	-30.774	-30.864
	High	-26.708	-29.138	-40.113	-26.990	-32.666	-27.840	-29.096
64QAM	Low	-29.578	-30.635	-39.645	-27.639	-26.978	-30.350	-29.142
	Middle	-27.989	-29.652	-40.664	-24.305	-25.584	-30.059	-29.581
	High	-27.481	-29.171	-39.310	-26.996	-32.619	-28.389	-28.967
256QAM	Low	-29.634	-30.468	-39.849	-27.689	-27.835	-30.840	-29.877
	Middle	-26.759	-30.036	-40.028	-23.906	-25.378	-30.033	-30.280
	High	-25.892	-29.171	-39.920	-26.759	-31.877	-27.967	-30.446

**Test Result for Output Port 3**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-27.192	-28.680	-39.563	-26.668	-27.743	-31.219	-29.674
	Middle	-26.098	-28.549	-39.318	-24.117	-24.664	-29.126	-29.114
	High	-21.549	-28.161	-38.849	-26.893	-33.461	-27.265	-30.134
16QAM	Low	-26.554	-29.004	-40.592	-27.161	-28.263	-30.466	-27.634
	Middle	-24.655	-28.920	-40.683	-24.332	-24.605	-29.090	-30.634
	High	-23.767	-27.475	-40.722	-26.055	-35.411	-27.825	-30.326
64QAM	Low	-26.695	-28.813	-39.822	-27.518	-27.607	-30.222	-30.423
	Middle	-26.601	-28.787	-39.718	-23.828	-24.372	-29.285	-28.874
	High	-24.523	-27.875	-40.616	-27.272	-34.553	-28.602	-30.184
256QAM	Low	-26.387	-28.732	-40.187	-26.762	-27.653	-31.452	-29.552
	Middle	-23.152	-28.286	-40.601	-24.054	-24.489	-29.767	-28.779
	High	-25.494	-27.588	-40.104	-27.427	-33.751	-27.410	-28.481

**B25 LTE 20 MHz & NB-IoT 1 Carrier + B25 LTE 10 MHz 1 Carrier [2 Carrier] / Contiguous  
 Test Result for Output Port 0**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-25.798	-24.186	-39.177	-32.381	-25.979	-30.851	-30.458
	Middle	-25.046	-23.137	-40.440	-23.848	-25.915	-30.893	-28.752
	High	-23.535	-23.224	-40.302	-26.529	-26.778	-27.661	-29.914
16QAM	Low	-24.566	-24.254	-39.750	-31.362	-25.960	-30.455	-27.619
	Middle	-24.161	-24.794	-40.356	-23.787	-25.297	-30.938	-30.533
	High	-23.212	-23.407	-40.578	-26.535	-26.408	-28.016	-30.795
64QAM	Low	-24.208	-24.341	-40.299	-31.015	-27.151	-30.639	-29.845
	Middle	-23.486	-24.966	-40.915	-24.257	-25.508	-29.550	-29.690
	High	-22.925	-24.243	-40.385	-26.519	-26.962	-27.497	-30.272
256QAM	Low	-25.273	-23.632	-39.541	-33.193	-26.578	-30.439	-30.624
	Middle	-23.423	-23.788	-40.601	-23.583	-25.469	-30.421	-30.434
	High	-22.363	-23.611	-40.049	-26.577	-27.004	-27.038	-29.972

**Test Result for Output Port 1**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-28.043	-23.926	-39.893	-33.348	-25.106	-31.072	-28.650
	Middle	-29.835	-23.655	-40.260	-23.725	-23.924	-30.841	-29.550
	High	-26.689	-22.972	-39.142	-26.696	-26.675	-28.027	-29.150
16QAM	Low	-28.152	-23.116	-39.692	-31.188	-26.005	-29.745	-30.874
	Middle	-27.929	-23.587	-40.286	-23.315	-25.194	-31.135	-30.505
	High	-26.019	-23.970	-39.776	-25.703	-27.224	-28.472	-29.753
64QAM	Low	-27.740	-23.066	-40.139	-31.817	-24.511	-31.078	-27.139
	Middle	-26.753	-23.665	-39.705	-24.471	-25.756	-29.973	-29.087
	High	-27.383	-22.777	-39.433	-26.699	-27.088	-28.460	-29.874
256QAM	Low	-27.599	-24.532	-39.043	-32.156	-25.548	-29.751	-29.854
	Middle	-26.477	-23.420	-40.163	-24.269	-25.570	-29.983	-29.016
	High	-26.107	-24.174	-39.406	-26.306	-27.046	-28.172	-28.707

**Test Result for Output Port 2**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-28.135	-31.398	-38.798	-33.169	-27.884	-31.305	-30.341
	Middle	-27.210	-29.832	-39.603	-24.947	-25.991	-31.637	-29.867
	High	-26.923	-30.043	-40.183	-27.262	-30.607	-28.827	-30.724
16QAM	Low	-29.319	-31.558	-39.303	-33.626	-28.469	-31.678	-29.859
	Middle	-27.630	-30.384	-40.219	-25.034	-25.922	-31.230	-29.033
	High	-27.073	-30.570	-39.939	-27.706	-30.955	-28.587	-28.976
64QAM	Low	-25.796	-31.016	-39.299	-32.993	-28.005	-31.931	-29.523
	Middle	-27.622	-30.905	-40.179	-25.423	-25.907	-31.099	-28.879
	High	-27.414	-29.492	-39.697	-27.535	-30.789	-28.527	-30.586
256QAM	Low	-27.203	-31.076	-40.071	-32.605	-27.982	-31.833	-30.434
	Middle	-27.385	-30.921	-38.678	-25.651	-25.976	-28.934	-30.033
	High	-26.827	-30.066	-40.698	-27.858	-31.078	-27.921	-28.583

**Test Result for Output Port 3**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-25.643	-29.416	-40.419	-32.393	-26.882	-31.451	-30.076
	Middle	-25.302	-28.942	-40.626	-24.244	-25.536	-30.350	-29.040
	High	-24.875	-28.322	-40.271	-27.521	-27.091	-28.203	-30.638
16QAM	Low	-26.068	-29.176	-40.633	-31.844	-27.118	-31.345	-31.053
	Middle	-22.408	-29.345	-40.160	-24.210	-25.228	-29.883	-31.261
	High	-23.264	-28.678	-39.427	-27.617	-26.761	-28.278	-30.742
64QAM	Low	-25.735	-28.995	-39.642	-32.074	-26.967	-31.334	-30.844
	Middle	-25.864	-28.833	-39.738	-24.986	-25.036	-30.615	-30.134
	High	-24.388	-28.412	-39.670	-27.357	-26.384	-28.085	-30.992
256QAM	Low	-27.664	-29.019	-40.017	-32.231	-27.104	-30.890	-30.078
	Middle	-24.729	-28.777	-39.858	-24.925	-25.303	-31.100	-30.844
	High	-24.163	-28.529	-40.085	-27.677	-26.530	-27.717	-28.378

**B25 LTE 10 MHz & NB-IoT 1 Carrier + B25 LTE 20 MHz & NB-IoT 1 Carrier [2 Carrier] / Contiguous**  
**Test Result for Output Port 0**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-24.567	-22.502	-39.545	-25.283	-27.493	-30.192	-31.265
	Middle	-21.942	-22.905	-39.397	-22.522	-24.268	-30.237	-29.790
	High	-22.864	-22.456	-39.870	-26.117	-30.343	-27.730	-29.909
16QAM	Low	-22.477	-21.641	-39.870	-24.524	-27.642	-30.012	-30.687
	Middle	-21.848	-21.882	-39.358	-23.147	-23.999	-30.431	-28.138
	High	-23.265	-21.608	-40.182	-26.543	-31.330	-26.659	-30.231
64QAM	Low	-24.760	-23.072	-40.459	-25.810	-27.278	-30.024	-30.901
	Middle	-22.891	-22.660	-39.805	-23.156	-24.325	-29.695	-29.407
	High	-22.519	-22.113	-40.376	-26.030	-32.867	-28.171	-30.295
256QAM	Low	-25.591	-23.148	-39.688	-25.016	-26.849	-30.811	-30.408
	Middle	-21.947	-22.389	-38.808	-23.520	-23.912	-30.363	-29.893
	High	-22.004	-21.673	-39.550	-25.657	-30.137	-28.576	-30.832

**Test Result for Output Port 1**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-21.371	-28.660	-39.108	-27.175	-26.491	-28.911	-30.368
	Middle	-20.992	-25.520	-39.216	-21.333	-23.275	-28.434	-30.883
	High	-20.190	-25.236	-39.574	-25.161	-30.717	-26.828	-28.454
16QAM	Low	-21.548	-27.101	-39.111	-26.450	-27.039	-30.836	-28.703
	Middle	-20.390	-26.219	-39.433	-22.301	-23.872	-29.452	-31.224
	High	-20.888	-25.854	-39.331	-25.190	-31.701	-27.029	-29.910
64QAM	Low	-21.247	-26.365	-39.497	-27.222	-26.368	-30.726	-30.298
	Middle	-20.748	-25.967	-39.077	-22.566	-23.384	-29.158	-30.385
	High	-20.613	-25.851	-39.798	-25.030	-28.681	-27.121	-30.830
256QAM	Low	-21.840	-26.094	-39.796	-27.114	-26.834	-30.728	-30.193
	Middle	-20.039	-25.941	-39.359	-22.064	-23.689	-29.507	-30.004
	High	-20.975	-26.028	-39.164	-26.138	-29.309	-28.376	-30.989

**Test Result for Output Port 2**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-22.136	-28.073	-39.839	-27.596	-27.854	-31.068	-30.620
	Middle	-21.100	-27.536	-39.438	-23.833	-25.106	-30.010	-31.125
	High	-22.409	-27.331	-40.015	-26.379	-29.669	-27.889	-31.234
16QAM	Low	-24.659	-29.378	-39.861	-28.129	-27.311	-29.606	-29.648
	Middle	-23.068	-27.176	-38.474	-24.052	-25.536	-30.127	-30.729
	High	-22.585	-27.194	-38.996	-26.019	-30.276	-26.907	-29.037
64QAM	Low	-27.461	-27.658	-39.160	-27.970	-27.556	-30.925	-30.384
	Middle	-20.579	-26.595	-40.181	-23.549	-25.216	-30.416	-30.032
	High	-22.778	-27.258	-39.898	-27.008	-30.411	-27.952	-28.641
256QAM	Low	-23.896	-28.546	-39.801	-28.144	-27.309	-29.069	-29.315
	Middle	-23.402	-28.284	-39.669	-23.601	-24.602	-29.796	-29.454
	High	-22.057	-27.653	-39.775	-27.222	-29.630	-28.490	-30.699

**Test Result for Output Port 3**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-21.436	-28.533	-39.028	-26.791	-27.436	-31.487	-30.196
	Middle	-21.773	-26.716	-40.385	-23.651	-24.086	-29.371	-29.582
	High	-20.379	-25.982	-38.685	-27.531	-31.705	-27.916	-27.468
16QAM	Low	-23.006	-27.190	-39.654	-27.265	-27.502	-30.536	-29.205
	Middle	-20.064	-26.282	-38.726	-23.668	-24.240	-27.510	-30.817
	High	-20.371	-25.872	-39.588	-27.871	-32.813	-27.213	-31.036
64QAM	Low	-22.719	-27.392	-39.560	-26.760	-27.357	-30.999	-28.586
	Middle	-20.604	-26.994	-39.920	-23.519	-24.229	-29.507	-30.189
	High	-20.425	-25.944	-40.067	-25.948	-31.251	-27.643	-31.201
256QAM	Low	-24.283	-26.486	-39.055	-26.705	-27.556	-30.280	-30.459
	Middle	-22.744	-25.642	-39.514	-23.732	-24.374	-29.717	-30.864
	High	-20.742	-25.974	-38.427	-26.414	-32.850	-27.818	-31.017

**B25 LTE 15 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier [2 Carrier] / Contiguous  
 Test Result for Output Port 0**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-26.991	-21.382	-39.085	-30.064	-27.331	-30.472	-30.396
	Middle	-25.418	-21.746	-40.008	-21.067	-24.559	-29.805	-31.548
	High	-25.925	-20.911	-39.749	-25.759	-33.862	-28.958	-30.777
16QAM	Low	-27.731	-20.795	-40.295	-29.828	-27.625	-30.401	-31.276
	Middle	-26.513	-21.479	-39.932	-23.146	-23.856	-29.954	-30.724
	High	-24.188	-21.015	-40.444	-26.964	-33.652	-29.123	-30.529
64QAM	Low	-28.249	-21.445	-40.234	-30.306	-27.865	-31.163	-30.006
	Middle	-26.783	-21.797	-39.269	-23.512	-24.059	-30.143	-31.920
	High	-25.469	-21.399	-39.958	-26.359	-33.359	-29.154	-30.029
256QAM	Low	-27.891	-21.518	-39.782	-29.969	-27.298	-30.894	-30.381
	Middle	-26.856	-22.671	-39.228	-23.816	-23.641	-30.026	-30.781
	High	-25.663	-21.599	-40.123	-26.117	-32.709	-28.724	-28.941

**Test Result for Output Port 1**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-26.510	-27.471	-40.872	-28.938	-24.279	-30.768	-28.989
	Middle	-24.998	-26.360	-40.310	-22.172	-23.833	-28.437	-30.146
	High	-24.290	-25.483	-39.738	-24.952	-32.847	-27.157	-30.778
16QAM	Low	-26.128	-27.532	-39.816	-29.052	-25.763	-30.198	-30.547
	Middle	-24.232	-26.687	-38.653	-21.488	-23.133	-28.759	-30.984
	High	-23.717	-25.802	-39.811	-24.523	-33.006	-28.589	-31.202
64QAM	Low	-26.087	-27.419	-40.723	-29.069	-26.041	-30.460	-28.580
	Middle	-23.951	-27.301	-39.751	-22.122	-22.804	-29.375	-28.489
	High	-24.582	-25.837	-40.261	-24.780	-32.929	-28.032	-30.411
256QAM	Low	-26.237	-27.624	-39.088	-29.618	-26.129	-30.715	-29.588
	Middle	-24.638	-27.150	-40.314	-21.793	-23.118	-30.484	-31.258
	High	-24.130	-26.247	-39.271	-24.837	-32.693	-27.821	-30.165

**Test Result for Output Port 2**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-28.730	-29.191	-39.858	-30.099	-26.830	-29.949	-29.615
	Middle	-27.097	-28.761	-39.776	-23.331	-24.473	-30.617	-31.057
	High	-25.781	-27.519	-38.000	-27.025	-31.230	-28.674	-31.485
16QAM	Low	-27.305	-29.772	-39.036	-30.096	-27.582	-30.689	-30.327
	Middle	-26.399	-28.511	-39.668	-24.030	-24.331	-30.447	-29.035
	High	-25.976	-27.883	-40.105	-26.312	-30.933	-28.793	-30.025
64QAM	Low	-28.614	-29.045	-40.319	-29.902	-28.019	-31.385	-29.653
	Middle	-27.188	-28.957	-39.173	-23.731	-24.513	-30.813	-29.403
	High	-26.597	-27.546	-39.451	-26.613	-30.911	-28.816	-30.415
256QAM	Low	-28.368	-30.126	-39.842	-30.108	-27.467	-30.804	-30.366
	Middle	-26.597	-28.717	-40.225	-23.660	-24.489	-30.535	-30.949
	High	-25.594	-28.080	-39.803	-26.594	-30.827	-28.201	-31.206

**Test Result for Output Port 3**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-27.078	-28.541	-39.654	-29.805	-27.371	-30.979	-29.756
	Middle	-25.022	-27.149	-39.672	-22.273	-24.276	-28.961	-29.136
	High	-24.272	-27.332	-40.370	-27.289	-34.629	-28.412	-30.730
16QAM	Low	-25.984	-28.510	-39.676	-30.053	-27.306	-30.523	-29.788
	Middle	-24.902	-27.283	-38.729	-23.279	-23.559	-29.912	-30.775
	High	-23.987	-27.034	-39.157	-27.423	-34.069	-28.392	-30.474
64QAM	Low	-26.797	-28.669	-39.702	-29.927	-26.710	-30.540	-29.844
	Middle	-24.640	-27.674	-40.259	-23.419	-23.706	-28.398	-28.622
	High	-24.048	-26.681	-38.892	-27.479	-34.300	-27.345	-31.152
256QAM	Low	-26.876	-27.858	-40.366	-29.612	-27.024	-30.196	-31.108
	Middle	-24.903	-27.052	-39.101	-23.048	-23.542	-30.398	-29.261
	High	-24.875	-26.870	-39.919	-27.381	-34.428	-27.973	-29.766



**B25 LTE 20 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier [2 Carrier] / Contiguous**  
**Test Result for Output Port 0**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-27.266	-21.972	-39.346	-31.391	-25.957	-31.737	-30.453
	Middle	-27.493	-21.597	-40.041	-23.410	-23.560	-29.716	-30.363
	High	-26.467	-21.120	-39.245	-25.260	-31.853	-29.086	-30.376
16QAM	Low	-27.170	-22.471	-39.209	-31.923	-26.570	-30.314	-29.041
	Middle	-25.319	-22.171	-39.872	-23.026	-23.727	-30.237	-30.212
	High	-25.651	-21.496	-38.500	-25.141	-32.996	-28.829	-29.708
64QAM	Low	-27.433	-22.222	-40.123	-31.124	-26.221	-30.916	-27.691
	Middle	-27.193	-22.143	-39.649	-23.844	-23.633	-30.786	-30.684
	High	-25.331	-21.065	-38.563	-24.977	-32.029	-28.744	-29.493
256QAM	Low	-28.004	-22.638	-39.475	-31.111	-26.465	-29.713	-30.710
	Middle	-26.912	-21.772	-39.851	-23.299	-23.770	-30.478	-30.763
	High	-26.037	-20.288	-38.551	-25.589	-32.499	-28.490	-30.751

**Test Result for Output Port 1**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-25.942	-28.036	-39.673	-30.482	-24.874	-31.222	-30.544
	Middle	-25.285	-27.799	-38.931	-22.596	-23.015	-29.071	-30.412
	High	-24.311	-26.489	-38.654	-23.262	-31.998	-27.898	-30.270
16QAM	Low	-25.413	-27.630	-38.829	-30.953	-25.532	-30.487	-29.538
	Middle	-24.130	-28.105	-38.699	-21.933	-23.004	-30.529	-29.772
	High	-23.064	-26.478	-39.118	-23.735	-31.191	-28.401	-31.382
64QAM	Low	-25.918	-27.415	-40.185	-30.575	-24.899	-29.387	-29.721
	Middle	-24.625	-26.986	-38.844	-22.740	-23.098	-30.507	-30.910
	High	-23.599	-26.582	-39.717	-23.365	-31.798	-28.818	-28.592
256QAM	Low	-26.181	-27.704	-39.749	-30.666	-25.087	-30.577	-29.577
	Middle	-24.284	-27.686	-37.554	-22.468	-22.462	-30.042	-29.834
	High	-24.266	-26.662	-39.144	-23.357	-32.341	-28.288	-30.671

**Test Result for Output Port 2**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-28.396	-29.441	-38.245	-31.600	-26.982	-31.273	-31.294
	Middle	-27.421	-29.085	-39.868	-24.121	-23.785	-30.450	-31.074
	High	-26.759	-28.871	-39.793	-25.972	-30.373	-29.436	-30.033
16QAM	Low	-28.377	-30.048	-39.491	-31.787	-26.190	-32.326	-31.128
	Middle	-26.874	-29.028	-40.099	-23.949	-23.953	-30.878	-30.235
	High	-26.199	-27.731	-39.752	-26.473	-29.667	-27.642	-30.501
64QAM	Low	-28.205	-29.857	-39.856	-31.532	-26.541	-31.460	-30.816
	Middle	-27.436	-29.052	-39.760	-24.197	-23.935	-31.509	-29.032
	High	-26.306	-28.585	-38.863	-26.169	-30.497	-28.933	-30.774
256QAM	Low	-28.060	-29.747	-40.124	-31.395	-26.692	-31.290	-30.714
	Middle	-27.474	-29.236	-39.666	-24.376	-24.264	-31.433	-29.388
	High	-26.788	-28.371	-38.667	-26.464	-30.567	-29.480	-30.389

**Test Result for Output Port 3**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-26.330	-28.529	-40.377	-31.753	-26.573	-30.962	-27.888
	Middle	-26.314	-28.709	-39.417	-23.326	-23.095	-29.538	-31.108
	High	-24.893	-27.529	-39.552	-26.220	-33.368	-29.934	-31.185
16QAM	Low	-26.621	-28.785	-39.564	-30.842	-26.360	-30.364	-29.473
	Middle	-24.210	-28.163	-39.817	-22.875	-23.315	-30.058	-30.797
	High	-25.269	-27.433	-39.667	-25.739	-33.929	-29.786	-30.546
64QAM	Low	-27.148	-29.034	-38.709	-31.593	-26.662	-29.360	-30.425
	Middle	-25.667	-27.965	-38.842	-23.367	-22.751	-29.870	-29.448
	High	-25.811	-27.740	-39.724	-25.865	-33.121	-28.861	-28.876
256QAM	Low	-26.672	-28.558	-40.135	-31.156	-26.223	-31.180	-27.945
	Middle	-26.446	-28.151	-39.833	-23.387	-22.962	-30.530	-31.111
	High	-25.623	-27.521	-40.020	-25.846	-33.497	-28.176	-30.426

**B25 LTE 20 MHz & NB-IoT 1 Carrier + B25 LTE 20 MHz 1 Carrier [2 Carrier] / Contiguous  
 Test Result for Output Port 0**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-27.839	-22.415	-39.167	-30.995	-26.922	-31.483	-30.655
	Middle	-26.516	-21.455	-38.521	-23.090	-23.502	-30.424	-30.565
	High	-24.950	-21.973	-39.838	-24.327	-31.783	-29.901	-29.433
16QAM	Low	-29.093	-21.873	-38.379	-30.261	-26.425	-31.707	-30.538
	Middle	-24.625	-22.146	-39.487	-22.873	-24.025	-30.364	-30.570
	High	-25.410	-21.629	-40.021	-25.074	-32.530	-28.502	-30.565
64QAM	Low	-25.503	-21.144	-38.827	-31.012	-26.430	-31.487	-30.530
	Middle	-23.013	-21.713	-39.576	-23.633	-23.795	-30.700	-30.041
	High	-24.128	-21.890	-39.222	-24.324	-32.348	-28.724	-29.815
256QAM	Low	-27.830	-21.849	-39.748	-31.317	-25.631	-31.581	-29.975
	Middle	-25.253	-22.123	-40.411	-23.401	-23.866	-31.253	-30.619
	High	-23.318	-20.669	-39.559	-24.837	-32.217	-29.607	-31.963

**Test Result for Output Port 1**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-22.344	-28.410	-40.019	-29.953	-24.045	-30.752	-29.181
	Middle	-25.106	-27.792	-39.736	-22.876	-23.245	-30.674	-30.880
	High	-24.909	-27.073	-39.044	-22.934	-31.101	-28.595	-31.118
16QAM	Low	-23.338	-29.535	-39.565	-30.532	-24.354	-30.894	-30.260
	Middle	-24.842	-26.715	-38.454	-22.264	-23.272	-29.256	-30.652
	High	-23.118	-27.314	-38.307	-23.573	-31.168	-28.070	-29.900
64QAM	Low	-23.217	-28.285	-39.553	-29.831	-24.252	-31.947	-31.712
	Middle	-23.051	-27.889	-39.598	-22.782	-23.262	-30.439	-29.994
	High	-24.671	-27.004	-38.644	-23.418	-31.476	-29.318	-28.770
256QAM	Low	-22.165	-28.971	-38.832	-30.609	-24.358	-30.481	-29.243
	Middle	-23.915	-27.438	-39.390	-22.537	-23.339	-30.572	-31.961
	High	-22.579	-27.284	-37.991	-23.004	-31.332	-27.909	-29.335

**Test Result for Output Port 2**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-23.157	-28.913	-40.286	-31.235	-26.604	-32.019	-30.372
	Middle	-23.195	-29.465	-39.363	-24.298	-24.532	-31.769	-30.821
	High	-22.166	-30.524	-40.399	-25.926	-30.506	-30.051	-30.888
16QAM	Low	-21.768	-27.273	-39.947	-31.284	-26.592	-32.073	-30.104
	Middle	-25.455	-29.351	-39.722	-24.002	-24.560	-31.060	-29.909
	High	-23.431	-28.908	-39.304	-25.664	-30.243	-29.424	-29.429
64QAM	Low	-20.934	-29.886	-39.245	-31.086	-25.786	-32.714	-30.442
	Middle	-23.804	-27.557	-39.603	-24.478	-23.931	-30.937	-30.383
	High	-23.022	-29.749	-39.372	-25.787	-30.274	-29.799	-31.201
256QAM	Low	-20.749	-24.169	-39.872	-31.092	-26.484	-31.984	-30.073
	Middle	-20.469	-29.618	-39.279	-24.336	-24.447	-31.538	-29.350
	High	-23.657	-28.640	-39.424	-25.666	-30.306	-29.420	-31.131

**Test Result for Output Port 3**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-23.676	-29.160	-39.538	-31.249	-25.805	-30.991	-30.758
	Middle	-25.008	-29.716	-40.407	-23.425	-24.087	-31.458	-30.296
	High	-25.697	-28.801	-39.515	-25.341	-32.984	-29.086	-29.941
16QAM	Low	-25.743	-30.181	-39.504	-30.518	-26.325	-30.686	-31.029
	Middle	-24.324	-29.132	-39.909	-23.249	-23.896	-30.681	-29.951
	High	-25.241	-29.005	-40.096	-25.348	-33.005	-30.301	-31.063
64QAM	Low	-26.368	-28.687	-39.238	-30.406	-26.660	-30.808	-29.083
	Middle	-24.486	-28.164	-39.884	-23.611	-24.097	-31.962	-29.728
	High	-22.091	-28.775	-39.080	-24.879	-33.028	-28.968	-28.747
256QAM	Low	-23.919	-28.734	-39.946	-30.545	-26.275	-31.957	-29.547
	Middle	-22.634	-29.455	-39.097	-23.756	-23.857	-31.102	-29.795
	High	-23.107	-28.858	-39.564	-25.494	-33.280	-29.511	-29.358

**B25 LTE 20 MHz & NB-IoT 1 Carrier + B25 LTE 20 MHz & NB-IoT 1 Carrier [2 Carrier] / Contiguous**  
**Test Result for Output Port 0**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-25.217	-22.305	-38.786	-30.931	-25.654	-32.140	-29.593
	Middle	-26.085	-22.258	-38.484	-23.311	-23.503	-31.834	-28.938
	High	-25.674	-22.407	-38.664	-24.853	-32.428	-29.488	-30.562
16QAM	Low	-26.301	-22.207	-37.499	-30.546	-25.772	-31.724	-29.510
	Middle	-23.868	-21.902	-39.990	-22.999	-23.648	-30.262	-29.355
	High	-25.719	-21.919	-37.381	-25.113	-32.075	-29.126	-29.319
64QAM	Low	-26.976	-21.176	-39.633	-31.099	-25.921	-31.825	-28.366
	Middle	-26.393	-22.533	-36.984	-23.018	-23.871	-31.075	-30.749
	High	-23.628	-21.791	-37.064	-24.582	-31.910	-29.482	-29.670
256QAM	Low	-25.926	-21.983	-39.277	-30.359	-25.560	-31.411	-31.074
	Middle	-23.200	-22.253	-38.088	-23.632	-23.462	-30.290	-29.633
	High	-24.055	-22.387	-39.729	-24.618	-31.870	-29.613	-29.252

**Test Result for Output Port 1**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-22.848	-29.671	-37.826	-30.243	-23.910	-31.517	-29.141
	Middle	-22.682	-30.168	-37.671	-21.714	-23.567	-29.051	-31.000
	High	-20.211	-29.091	-38.698	-22.613	-30.422	-29.802	-29.984
16QAM	Low	-23.529	-30.304	-38.395	-30.725	-24.605	-31.740	-30.202
	Middle	-21.231	-29.381	-39.765	-21.577	-23.443	-31.030	-30.103
	High	-21.260	-28.755	-37.813	-22.492	-30.536	-28.945	-30.822
64QAM	Low	-22.626	-30.185	-36.874	-29.526	-24.050	-31.184	-28.803
	Middle	-20.469	-29.476	-37.712	-22.136	-23.262	-30.244	-30.952
	High	-21.344	-29.106	-36.084	-23.491	-30.710	-29.439	-30.013
256QAM	Low	-23.559	-29.675	-40.029	-29.935	-23.605	-30.804	-30.382
	Middle	-22.315	-29.335	-38.996	-22.203	-23.324	-29.730	-30.039
	High	-22.335	-29.323	-38.046	-23.524	-30.369	-28.712	-30.292

**Test Result for Output Port 2**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-26.436	-31.382	-38.472	-30.578	-25.601	-32.021	-30.733
	Middle	-26.579	-30.904	-37.582	-23.491	-23.711	-30.860	-29.133
	High	-24.645	-31.290	-38.852	-25.988	-29.475	-29.835	-29.996
16QAM	Low	-24.723	-31.901	-39.877	-31.127	-25.408	-32.090	-29.396
	Middle	-22.975	-30.940	-38.461	-23.414	-24.113	-30.906	-31.394
	High	-26.321	-31.421	-38.119	-24.958	-28.951	-29.201	-30.608
64QAM	Low	-24.909	-30.998	-39.597	-30.436	-26.193	-31.343	-30.418
	Middle	-26.075	-30.891	-40.141	-23.812	-23.691	-30.750	-30.922
	High	-25.590	-31.600	-38.350	-25.287	-28.732	-30.309	-30.717
256QAM	Low	-26.974	-31.426	-37.666	-31.096	-26.018	-31.729	-29.219
	Middle	-26.058	-31.600	-39.353	-23.492	-23.988	-31.241	-28.160
	High	-22.929	-31.213	-38.359	-25.792	-29.613	-29.596	-30.658

**Test Result for Output Port 3**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-21.758	-29.850	-37.159	-30.055	-25.646	-32.534	-30.398
	Middle	-23.526	-30.489	-38.707	-23.214	-22.903	-30.603	-31.044
	High	-22.939	-29.243	-37.636	-24.969	-32.154	-29.690	-29.432
16QAM	Low	-24.371	-29.993	-39.882	-30.853	-25.286	-31.512	-30.960
	Middle	-22.895	-29.978	-37.840	-22.328	-23.512	-29.936	-31.180
	High	-20.230	-29.852	-35.685	-23.361	-32.844	-29.244	-30.302
64QAM	Low	-23.192	-30.474	-38.895	-30.085	-25.071	-30.595	-31.799
	Middle	-23.311	-29.911	-38.353	-22.752	-23.195	-30.320	-29.556
	High	-22.230	-29.799	-38.852	-24.581	-32.191	-28.948	-30.750
256QAM	Low	-22.286	-30.408	-37.576	-30.275	-25.405	-32.046	-29.707
	Middle	-23.330	-30.403	-36.400	-23.142	-23.873	-30.945	-30.587
	High	-23.016	-30.338	-39.867	-24.547	-31.604	-28.971	-30.113

**B66 LTE 5 MHz 1 Carrier + B66 LTE 10 MHz 1 Carrier [2 Carrier] / Contiguous**  
**Test Result for Output Port 0**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-20.529	-24.928	-34.874	-24.350	-27.877	-29.510	-28.814
	Middle	-20.846	-24.354	-34.507	-25.950	-26.687	-28.586	-28.769
	High	-20.712	-24.729	-34.347	-27.609	-28.761	-30.436	-28.228
16QAM	Low	-20.274	-23.827	-34.339	-25.340	-27.841	-29.913	-28.738
	Middle	-21.336	-24.497	-34.173	-27.100	-26.768	-28.929	-28.769
	High	-21.217	-24.671	-34.523	-27.918	-28.213	-30.557	-28.952
64QAM	Low	-20.630	-24.898	-34.782	-25.618	-27.657	-29.459	-28.817
	Middle	-21.604	-25.047	-34.243	-27.392	-27.109	-29.492	-28.883
	High	-20.448	-24.422	-34.662	-27.438	-28.241	-29.269	-28.653
256QAM	Low	-20.770	-24.003	-34.781	-25.187	-27.903	-30.196	-28.164
	Middle	-22.113	-24.701	-34.303	-27.537	-27.134	-29.857	-28.534
	High	-21.553	-23.125	-34.167	-27.566	-28.561	-30.968	-29.387

**Test Result for Output Port 1**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-21.627	-26.045	-34.266	-25.105	-27.293	-30.804	-29.291
	Middle	-20.732	-24.592	-34.760	-26.562	-26.988	-29.773	-29.062
	High	-20.278	-25.993	-33.447	-26.633	-28.616	-30.071	-28.666
16QAM	Low	-20.650	-25.655	-34.778	-24.701	-27.173	-30.293	-28.595
	Middle	-20.098	-25.354	-33.975	-26.277	-27.346	-30.393	-28.947
	High	-20.830	-25.507	-34.757	-27.067	-28.412	-30.426	-28.348
64QAM	Low	-22.297	-25.139	-34.231	-24.722	-26.940	-30.569	-27.836
	Middle	-19.923	-25.077	-34.693	-26.572	-27.127	-30.202	-28.886
	High	-21.280	-26.596	-34.186	-27.226	-27.909	-29.127	-28.779
256QAM	Low	-19.673	-25.934	-34.553	-24.686	-27.438	-30.617	-28.297
	Middle	-20.933	-25.972	-34.478	-26.677	-27.298	-30.498	-28.679
	High	-22.043	-25.183	-34.149	-27.398	-28.219	-29.834	-29.378

**Test Result for Output Port 2**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-20.969	-27.222	-34.959	-25.028	-27.184	-31.255	-28.706
	Middle	-21.229	-26.988	-34.898	-26.459	-27.510	-31.195	-28.609
	High	-20.110	-27.616	-34.425	-27.346	-28.769	-30.401	-27.536
16QAM	Low	-20.636	-25.691	-34.120	-24.954	-27.771	-29.240	-28.891
	Middle	-20.595	-25.901	-34.404	-26.543	-27.292	-29.622	-27.788
	High	-19.894	-26.614	-34.664	-26.537	-28.257	-30.255	-28.429
64QAM	Low	-19.937	-26.002	-35.163	-25.097	-26.983	-29.646	-28.518
	Middle	-20.769	-25.294	-34.679	-26.719	-27.290	-30.769	-28.780
	High	-21.383	-27.773	-35.121	-27.044	-28.350	-29.590	-29.187
256QAM	Low	-21.938	-25.152	-35.077	-24.767	-27.352	-30.369	-27.185
	Middle	-20.408	-25.014	-34.968	-26.358	-27.357	-29.573	-28.502
	High	-21.528	-26.048	-34.744	-27.206	-28.614	-30.611	-28.467

**Test Result for Output Port 3**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-22.150	-25.674	-34.735	-26.175	-27.797	-30.375	-28.627
	Middle	-21.059	-24.409	-34.675	-25.612	-26.921	-30.158	-28.850
	High	-20.622	-26.347	-34.953	-27.361	-28.830	-30.403	-28.689
16QAM	Low	-20.965	-25.508	-34.687	-26.396	-27.386	-29.894	-28.523
	Middle	-20.926	-25.999	-34.653	-26.906	-26.807	-29.938	-28.249
	High	-19.891	-25.198	-34.219	-26.746	-28.776	-29.695	-28.780
64QAM	Low	-19.997	-26.223	-34.461	-24.913	-27.594	-30.582	-28.423
	Middle	-20.138	-25.942	-34.070	-26.888	-26.264	-30.806	-28.711
	High	-19.579	-26.801	-34.035	-26.726	-28.548	-29.446	-28.613
256QAM	Low	-21.395	-26.515	-33.956	-25.872	-27.608	-30.904	-28.567
	Middle	-21.466	-26.704	-34.747	-26.896	-26.882	-29.594	-27.843
	High	-20.983	-26.195	-34.219	-27.304	-28.774	-29.978	-28.614



**B66 LTE 5 MHz 1 Carrier + B66 LTE 10 MHz & NB-IoT 1 Carrier [2 Carrier] / Contiguous  
 Test Result for Output Port 0**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-21.724	-25.424	-33.705	-25.177	-27.423	-30.204	-28.295
	Middle	-20.073	-24.681	-34.730	-26.870	-26.894	-29.954	-28.208
	High	-22.380	-24.227	-34.780	-27.350	-26.844	-29.820	-28.461
16QAM	Low	-21.668	-23.354	-34.777	-24.867	-27.668	-30.910	-28.309
	Middle	-21.216	-25.120	-34.599	-27.429	-26.614	-29.687	-27.744
	High	-21.914	-22.970	-34.844	-27.399	-26.876	-30.548	-28.538
64QAM	Low	-20.512	-25.254	-34.888	-24.933	-27.481	-30.301	-28.011
	Middle	-20.637	-24.057	-34.797	-27.163	-26.797	-29.738	-28.339
	High	-21.815	-24.027	-34.059	-27.308	-26.595	-30.147	-28.597
256QAM	Low	-21.384	-23.508	-35.031	-25.126	-27.653	-29.779	-27.934
	Middle	-21.270	-24.030	-34.184	-27.015	-26.929	-28.852	-27.885
	High	-21.894	-25.098	-34.916	-27.453	-26.620	-29.746	-28.394

**Test Result for Output Port 1**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-20.236	-25.984	-34.713	-25.025	-27.160	-30.589	-27.939
	Middle	-20.950	-26.277	-34.239	-26.319	-26.601	-30.753	-27.625
	High	-20.687	-26.533	-34.645	-27.051	-26.721	-29.769	-28.609
16QAM	Low	-20.428	-26.577	-34.657	-24.741	-27.338	-30.628	-28.444
	Middle	-21.634	-26.774	-34.690	-26.434	-27.260	-29.042	-28.168
	High	-22.014	-25.915	-35.218	-27.132	-25.890	-29.627	-27.570
64QAM	Low	-21.668	-26.243	-35.044	-25.107	-27.122	-30.319	-28.284
	Middle	-20.629	-27.345	-34.536	-26.557	-26.935	-29.925	-27.919
	High	-20.211	-27.295	-34.641	-27.256	-26.340	-29.257	-28.792
256QAM	Low	-21.076	-25.976	-34.200	-25.052	-26.829	-30.891	-28.353
	Middle	-20.126	-25.667	-34.524	-26.242	-27.208	-29.997	-28.623
	High	-20.689	-26.678	-34.707	-27.011	-26.769	-29.946	-28.224

**Test Result for Output Port 2**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-20.746	-26.260	-34.515	-24.978	-27.013	-31.119	-28.425
	Middle	-21.256	-27.757	-34.405	-26.683	-26.290	-30.003	-28.491
	High	-21.174	-27.026	-34.144	-26.776	-27.101	-31.490	-28.275
16QAM	Low	-21.840	-27.455	-34.073	-23.735	-27.280	-31.294	-28.996
	Middle	-20.475	-26.525	-34.884	-26.598	-26.454	-31.397	-28.094
	High	-22.150	-25.924	-34.561	-27.077	-24.712	-29.780	-29.106
64QAM	Low	-21.663	-26.760	-34.496	-24.773	-27.251	-30.535	-29.098
	Middle	-21.258	-26.082	-35.004	-26.704	-26.729	-30.913	-28.331
	High	-20.596	-26.556	-34.290	-26.548	-27.267	-30.738	-28.375
256QAM	Low	-20.517	-25.532	-34.712	-24.969	-27.008	-31.214	-28.341
	Middle	-22.353	-28.056	-34.068	-26.505	-26.522	-30.801	-28.642
	High	-20.976	-27.500	-34.287	-26.122	-27.015	-30.880	-28.339

**Test Result for Output Port 3**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-20.406	-26.049	-34.937	-25.452	-26.887	-31.313	-27.454
	Middle	-21.030	-25.031	-34.635	-27.203	-27.160	-30.326	-28.570
	High	-20.009	-26.490	-33.821	-26.625	-27.262	-30.531	-27.988
16QAM	Low	-22.149	-26.004	-34.696	-25.415	-27.031	-31.023	-28.563
	Middle	-21.439	-24.908	-34.967	-27.028	-27.003	-30.019	-28.535
	High	-21.230	-26.333	-34.382	-27.025	-27.123	-30.914	-28.950
64QAM	Low	-20.181	-25.594	-34.217	-25.323	-27.162	-30.755	-27.798
	Middle	-20.113	-26.397	-34.268	-27.239	-26.998	-30.912	-27.987
	High	-22.103	-27.093	-35.039	-26.895	-27.308	-29.633	-28.803
256QAM	Low	-20.767	-26.553	-34.037	-25.667	-27.202	-30.507	-27.960
	Middle	-20.570	-24.790	-34.207	-26.956	-27.038	-30.850	-27.775
	High	-21.370	-27.376	-34.352	-27.252	-27.378	-30.750	-28.426

**B66 LTE 5 MHz 1 Carrier + B66 LTE 20 MHz 1 Carrier [2 Carrier] / Contiguous**  
**Test Result for Output Port 0**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-20.854	-24.191	-33.892	-24.185	-26.837	-30.011	-27.910
	Middle	-21.489	-24.745	-34.411	-26.721	-26.019	-28.643	-28.309
	High	-21.582	-24.225	-34.017	-26.102	-28.962	-30.341	-28.378
16QAM	Low	-22.640	-24.095	-34.381	-23.624	-27.243	-30.504	-28.715
	Middle	-21.131	-22.771	-34.140	-26.377	-26.331	-28.766	-28.625
	High	-20.862	-24.907	-34.516	-26.214	-28.844	-29.731	-28.316
64QAM	Low	-22.003	-23.939	-34.122	-24.725	-26.989	-30.667	-28.836
	Middle	-20.552	-24.835	-33.836	-26.422	-26.321	-29.516	-28.766
	High	-21.783	-24.009	-33.405	-26.643	-28.791	-30.291	-29.006
256QAM	Low	-20.381	-23.546	-34.773	-24.704	-26.632	-29.894	-28.971
	Middle	-21.430	-24.366	-34.122	-25.851	-25.991	-29.267	-28.851
	High	-20.635	-25.251	-33.438	-26.470	-28.736	-29.807	-28.491

**Test Result for Output Port 1**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-21.274	-25.247	-34.005	-23.066	-26.689	-30.916	-28.138
	Middle	-20.795	-24.294	-34.148	-26.737	-26.686	-29.317	-28.611
	High	-19.845	-25.551	-33.946	-25.710	-28.593	-30.512	-28.355
16QAM	Low	-20.911	-25.372	-34.730	-23.143	-26.689	-31.056	-28.242
	Middle	-20.937	-24.971	-34.077	-26.272	-26.263	-29.992	-28.524
	High	-20.768	-25.573	-34.168	-25.510	-28.880	-30.132	-28.282
64QAM	Low	-20.805	-25.250	-33.770	-23.499	-26.699	-30.811	-28.415
	Middle	-21.660	-24.903	-34.226	-26.612	-26.379	-30.104	-28.739
	High	-20.813	-25.546	-33.988	-26.054	-28.584	-30.573	-29.001
256QAM	Low	-21.047	-25.692	-34.508	-23.182	-27.078	-31.379	-28.511
	Middle	-22.006	-25.111	-34.635	-26.349	-25.973	-29.250	-28.808
	High	-22.148	-25.497	-34.013	-25.972	-28.733	-30.299	-28.419

**Test Result for Output Port 2**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-21.959	-25.831	-34.326	-23.207	-26.437	-29.956	-28.393
	Middle	-20.381	-25.706	-34.495	-26.304	-26.274	-29.380	-29.346
	High	-21.511	-25.766	-33.913	-26.243	-28.560	-30.207	-28.073
16QAM	Low	-20.038	-24.984	-34.094	-22.763	-26.242	-30.067	-28.830
	Middle	-20.927	-26.277	-33.949	-25.851	-26.412	-30.528	-27.773
	High	-19.566	-25.630	-34.674	-26.657	-28.544	-30.742	-28.356
64QAM	Low	-20.046	-25.703	-34.432	-23.329	-26.335	-30.168	-28.285
	Middle	-20.238	-25.881	-34.570	-25.597	-26.369	-29.941	-28.163
	High	-21.315	-25.286	-34.479	-26.687	-28.758	-30.944	-29.010
256QAM	Low	-21.451	-26.216	-33.703	-22.883	-26.523	-30.644	-28.694
	Middle	-21.322	-25.959	-34.466	-25.776	-26.140	-30.681	-28.707
	High	-20.700	-25.985	-34.434	-26.398	-28.707	-30.005	-28.307

**Test Result for Output Port 3**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-21.994	-25.178	-34.076	-24.331	-27.018	-30.827	-28.073
	Middle	-20.654	-25.135	-34.431	-26.737	-26.532	-29.537	-27.990
	High	-20.636	-25.756	-34.547	-26.845	-28.916	-30.138	-28.609
16QAM	Low	-20.606	-25.213	-34.262	-24.986	-26.930	-30.511	-28.912
	Middle	-21.051	-25.149	-33.871	-26.182	-26.004	-29.524	-28.208
	High	-21.236	-25.411	-34.581	-26.070	-28.800	-30.610	-27.846
64QAM	Low	-21.419	-24.010	-33.313	-24.802	-26.946	-30.711	-27.424
	Middle	-19.741	-23.887	-33.512	-25.925	-26.225	-29.648	-28.526
	High	-20.982	-25.132	-33.404	-26.369	-28.542	-30.162	-28.754
256QAM	Low	-22.073	-24.378	-33.996	-24.956	-27.110	-30.621	-28.929
	Middle	-20.536	-24.376	-34.368	-26.399	-26.080	-29.311	-28.844
	High	-21.799	-24.650	-34.438	-26.385	-28.859	-30.578	-28.771

**B66 LTE 5 MHz 1 Carrier + B66 LTE 20 MHz & NB-IoT 1 Carrier [2 Carrier] / Contiguous**  
**Test Result for Output Port 0**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-20.848	-24.166	-34.292	-24.101	-26.506	-30.178	-28.602
	Middle	-20.076	-25.488	-34.536	-26.163	-25.858	-29.204	-28.174
	High	-21.257	-23.933	-34.571	-26.542	-28.607	-29.415	-28.148
16QAM	Low	-20.307	-24.527	-34.153	-24.564	-26.669	-30.323	-28.110
	Middle	-21.291	-25.026	-33.992	-25.746	-25.489	-29.899	-28.041
	High	-21.571	-23.904	-34.290	-26.603	-28.459	-30.649	-28.589
64QAM	Low	-21.871	-24.788	-33.993	-23.800	-26.560	-29.822	-28.109
	Middle	-21.609	-24.299	-34.521	-25.855	-25.656	-28.406	-28.055
	High	-20.222	-24.449	-34.508	-26.143	-28.569	-30.587	-28.166
256QAM	Low	-20.309	-25.307	-34.834	-23.979	-25.770	-29.644	-28.478
	Middle	-20.890	-23.789	-34.350	-25.523	-25.827	-29.822	-27.901
	High	-20.850	-23.648	-34.061	-26.378	-28.532	-29.990	-28.152

**Test Result for Output Port 1**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-21.372	-25.567	-34.155	-23.387	-26.777	-29.835	-28.527
	Middle	-20.336	-24.106	-34.456	-25.738	-25.808	-30.070	-28.200
	High	-21.307	-26.123	-34.457	-25.287	-28.435	-30.113	-28.075
16QAM	Low	-20.391	-25.189	-33.945	-23.750	-26.641	-29.841	-27.781
	Middle	-20.598	-25.395	-34.374	-26.145	-25.839	-29.655	-27.718
	High	-20.564	-24.863	-34.164	-26.065	-28.560	-29.776	-27.994
64QAM	Low	-21.226	-25.015	-34.690	-23.452	-26.739	-29.569	-28.141
	Middle	-21.843	-24.232	-34.376	-25.526	-25.850	-29.942	-28.608
	High	-21.474	-25.915	-34.609	-25.379	-28.397	-29.769	-28.088
256QAM	Low	-21.113	-25.868	-34.435	-23.537	-26.555	-30.494	-28.552
	Middle	-20.830	-25.713	-34.196	-25.824	-25.983	-30.070	-28.176
	High	-21.799	-24.774	-34.055	-25.695	-28.583	-29.618	-27.910

**Test Result for Output Port 2**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-21.724	-25.862	-34.607	-23.117	-26.404	-30.196	-28.503
	Middle	-20.789	-25.383	-34.146	-25.751	-25.228	-30.007	-28.209
	High	-21.525	-24.595	-34.607	-25.825	-28.398	-30.800	-28.195
16QAM	Low	-20.918	-25.857	-34.455	-22.646	-26.885	-30.247	-27.964
	Middle	-21.719	-25.078	-33.777	-26.072	-25.857	-29.669	-28.376
	High	-20.235	-26.902	-34.085	-25.826	-28.511	-30.598	-28.265
64QAM	Low	-20.192	-26.752	-34.676	-22.787	-26.581	-29.873	-28.708
	Middle	-21.591	-26.202	-34.696	-25.649	-25.635	-29.934	-27.846
	High	-21.196	-25.037	-33.866	-25.664	-28.500	-29.397	-28.868
256QAM	Low	-20.153	-24.524	-34.473	-23.025	-26.753	-30.070	-27.486
	Middle	-21.045	-25.140	-34.554	-25.916	-25.886	-30.259	-28.103
	High	-20.742	-26.249	-34.277	-25.723	-28.511	-30.447	-27.525

**Test Result for Output Port 3**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-21.061	-24.173	-34.648	-25.044	-26.767	-29.621	-28.923
	Middle	-20.546	-25.081	-34.424	-26.437	-25.813	-30.161	-28.245
	High	-20.486	-24.687	-34.410	-26.429	-28.534	-29.709	-27.359
16QAM	Low	-20.650	-25.318	-34.300	-25.076	-27.216	-30.651	-28.568
	Middle	-20.158	-25.396	-34.082	-26.261	-26.180	-29.857	-28.523
	High	-21.700	-24.902	-33.634	-26.551	-28.218	-30.089	-27.544
64QAM	Low	-21.869	-25.227	-34.061	-24.835	-26.937	-29.545	-28.267
	Middle	-20.537	-24.969	-33.826	-26.068	-25.823	-29.533	-28.042
	High	-21.181	-26.149	-34.389	-26.040	-28.479	-29.698	-28.560
256QAM	Low	-20.879	-24.490	-34.403	-24.895	-26.642	-30.056	-28.191
	Middle	-22.128	-24.430	-34.116	-26.363	-26.390	-28.967	-28.197
	High	-20.640	-25.658	-33.344	-26.749	-28.534	-30.338	-27.697

**B66 LTE 10 MHz 1 Carrier + B66 LTE 10 MHz 1 Carrier [2 Carrier] / Contiguous**
**Test Result for Output Port 0**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-21.918	-22.794	-34.089	-27.703	-26.749	-30.045	-28.501
	Middle	-20.668	-22.508	-33.684	-26.587	-26.537	-29.209	-28.509
	High	-21.998	-24.598	-34.358	-26.782	-26.138	-30.025	-28.269
16QAM	Low	-20.472	-22.423	-34.124	-27.441	-26.901	-28.303	-28.196
	Middle	-20.168	-23.972	-34.360	-27.036	-26.823	-29.055	-28.974
	High	-21.702	-23.351	-34.913	-26.697	-25.953	-28.933	-28.875
64QAM	Low	-20.381	-23.115	-34.013	-27.483	-27.048	-28.469	-28.766
	Middle	-20.251	-23.938	-34.376	-26.857	-26.583	-28.763	-29.096
	High	-21.614	-24.848	-34.364	-27.029	-26.037	-30.205	-28.976
256QAM	Low	-21.950	-22.706	-34.309	-26.940	-26.642	-28.414	-28.963
	Middle	-20.303	-22.974	-34.385	-27.140	-26.722	-29.364	-28.406
	High	-21.243	-22.858	-34.423	-26.272	-25.568	-29.899	-28.507

**Test Result for Output Port 1**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-21.761	-23.901	-33.992	-27.424	-26.769	-29.590	-28.110
	Middle	-21.689	-24.775	-34.419	-26.563	-26.603	-29.170	-28.095
	High	-21.320	-23.991	-33.861	-26.601	-25.989	-28.781	-27.596
16QAM	Low	-21.052	-23.109	-34.635	-28.161	-26.914	-30.149	-28.426
	Middle	-20.358	-23.598	-33.911	-26.627	-26.332	-29.274	-29.079
	High	-20.728	-23.936	-34.969	-27.008	-25.729	-28.874	-28.428
64QAM	Low	-20.066	-24.502	-34.213	-27.889	-26.598	-30.300	-28.678
	Middle	-22.184	-24.483	-33.975	-26.405	-26.891	-28.854	-28.519
	High	-21.064	-24.831	-34.124	-26.874	-25.538	-28.875	-28.850
256QAM	Low	-19.749	-23.928	-34.263	-27.910	-26.787	-30.087	-28.396
	Middle	-20.117	-23.540	-35.192	-26.546	-26.666	-29.531	-28.578
	High	-21.968	-24.859	-34.526	-26.994	-25.820	-29.388	-29.025

**Test Result for Output Port 2**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-20.055	-25.195	-34.366	-27.629	-26.766	-29.280	-27.616
	Middle	-21.287	-24.791	-34.649	-26.351	-26.931	-29.793	-28.538
	High	-20.647	-25.893	-34.174	-26.989	-26.192	-30.228	-28.451
16QAM	Low	-20.724	-23.926	-34.491	-27.853	-27.261	-30.263	-28.884
	Middle	-21.323	-24.693	-34.696	-26.357	-26.867	-29.694	-28.548
	High	-20.611	-25.495	-34.485	-26.900	-26.407	-29.659	-28.847
64QAM	Low	-22.162	-24.644	-34.406	-27.778	-26.806	-29.844	-28.746
	Middle	-21.033	-25.652	-34.230	-26.366	-26.874	-29.806	-28.552
	High	-22.288	-24.873	-34.254	-27.323	-26.185	-29.944	-26.990
256QAM	Low	-22.043	-24.946	-34.142	-27.791	-26.962	-28.257	-27.748
	Middle	-20.737	-25.368	-34.327	-26.458	-26.857	-29.910	-28.108
	High	-21.802	-25.424	-34.101	-26.890	-26.423	-29.106	-28.693

**Test Result for Output Port 3**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-21.097	-23.950	-33.886	-27.112	-26.392	-29.555	-28.256
	Middle	-20.273	-23.574	-34.602	-27.006	-26.909	-28.737	-27.842
	High	-21.053	-24.506	-33.930	-26.947	-26.012	-29.830	-28.692
16QAM	Low	-20.596	-23.781	-34.202	-27.223	-26.960	-29.670	-28.124
	Middle	-20.364	-22.934	-34.073	-26.921	-27.027	-28.833	-28.193
	High	-20.947	-24.581	-33.958	-27.065	-25.865	-29.126	-29.049
64QAM	Low	-21.223	-24.348	-33.943	-27.051	-27.343	-29.908	-28.996
	Middle	-21.764	-23.554	-34.477	-27.068	-27.115	-28.828	-28.994
	High	-20.157	-24.733	-33.852	-26.713	-26.280	-29.084	-28.485
256QAM	Low	-22.167	-24.105	-34.374	-27.149	-27.223	-29.931	-29.028
	Middle	-21.084	-23.921	-34.226	-27.137	-26.899	-29.249	-28.731
	High	-22.550	-23.480	-34.426	-26.784	-26.338	-29.031	-28.493



**B66 LTE 10 MHz & NB-IoT 1 Carrier + B66 LTE 10 MHz 1 Carrier [2 Carrier] / Contiguous  
 Test Result for Output Port 0**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-21.033	-24.671	-34.234	-26.589	-26.938	-29.115	-27.903
	Middle	-21.074	-23.305	-33.451	-26.653	-26.764	-28.469	-28.754
	High	-21.765	-24.321	-34.479	-26.227	-25.331	-29.391	-27.999
16QAM	Low	-21.110	-24.689	-33.975	-26.965	-26.966	-29.091	-28.844
	Middle	-20.455	-23.336	-33.965	-27.001	-26.506	-29.055	-28.006
	High	-21.459	-23.231	-34.109	-26.109	-25.013	-29.838	-28.066
64QAM	Low	-22.204	-24.156	-34.572	-26.850	-26.874	-28.399	-28.839
	Middle	-20.090	-24.805	-34.061	-27.007	-26.619	-28.549	-29.189
	High	-21.517	-23.020	-34.815	-25.920	-24.815	-29.817	-28.191
256QAM	Low	-20.913	-24.462	-34.113	-26.742	-26.959	-28.302	-28.399
	Middle	-21.168	-23.848	-34.319	-26.878	-26.345	-29.630	-27.966
	High	-20.737	-25.533	-33.872	-25.928	-25.380	-30.142	-28.815

**Test Result for Output Port 1**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-20.071	-24.613	-34.270	-27.384	-26.680	-29.989	-28.660
	Middle	-21.012	-23.673	-34.485	-26.685	-26.896	-29.924	-28.444
	High	-20.965	-24.734	-33.541	-26.861	-25.045	-29.504	-28.745
16QAM	Low	-20.349	-23.320	-34.837	-27.434	-26.647	-29.097	-28.315
	Middle	-20.173	-25.164	-33.769	-26.545	-26.897	-28.470	-28.739
	High	-21.426	-23.789	-34.281	-26.691	-24.702	-29.230	-28.842
64QAM	Low	-21.649	-24.467	-34.330	-27.312	-26.841	-29.580	-28.857
	Middle	-20.527	-24.700	-33.801	-26.820	-26.633	-29.302	-28.505
	High	-20.167	-23.946	-33.903	-26.986	-24.956	-29.501	-28.460
256QAM	Low	-20.185	-24.442	-33.690	-27.079	-26.878	-30.033	-28.225
	Middle	-20.163	-23.886	-33.622	-26.512	-26.697	-28.605	-28.038
	High	-20.882	-24.408	-33.871	-26.535	-25.188	-28.923	-28.712

**Test Result for Output Port 2**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-21.841	-24.153	-34.410	-26.876	-26.864	-29.330	-28.018
	Middle	-22.295	-25.391	-34.639	-26.249	-26.847	-29.929	-28.852
	High	-20.977	-26.349	-34.114	-26.496	-25.505	-29.801	-28.404
16QAM	Low	-21.300	-25.201	-34.607	-26.740	-26.985	-28.620	-28.879
	Middle	-20.923	-23.436	-34.546	-26.507	-27.047	-30.094	-28.830
	High	-21.846	-24.773	-34.615	-26.472	-25.123	-29.669	-28.075
64QAM	Low	-21.376	-24.897	-35.096	-26.968	-26.973	-29.927	-28.154
	Middle	-21.720	-25.765	-34.713	-26.580	-27.035	-30.370	-29.037
	High	-22.437	-23.406	-34.016	-26.990	-25.648	-29.063	-27.886
256QAM	Low	-20.950	-25.243	-34.381	-26.867	-26.853	-29.356	-28.167
	Middle	-20.304	-24.891	-33.986	-26.374	-26.817	-29.930	-28.279
	High	-20.215	-25.696	-34.355	-26.994	-25.327	-29.459	-28.995

**Test Result for Output Port 3**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-20.230	-23.760	-34.497	-26.103	-27.311	-30.123	-28.205
	Middle	-21.171	-22.942	-33.910	-26.694	-26.806	-29.145	-28.947
	High	-21.648	-25.475	-34.784	-26.521	-25.996	-28.836	-28.676
16QAM	Low	-20.257	-22.622	-34.773	-26.407	-27.037	-29.293	-27.936
	Middle	-21.389	-23.623	-33.436	-26.970	-27.067	-28.441	-28.653
	High	-20.407	-25.173	-34.028	-26.828	-25.929	-29.348	-27.448
64QAM	Low	-20.835	-22.900	-33.551	-26.116	-26.785	-28.996	-28.257
	Middle	-20.999	-23.603	-34.182	-26.548	-26.712	-28.538	-28.731
	High	-21.357	-24.297	-33.856	-26.614	-25.921	-28.682	-28.152
256QAM	Low	-21.196	-24.132	-34.104	-26.042	-27.173	-29.665	-28.090
	Middle	-20.081	-23.496	-34.021	-26.838	-26.810	-28.975	-28.295
	High	-20.349	-24.276	-34.110	-26.637	-25.929	-29.551	-27.774

**B66 LTE 10 MHz & NB-IoT 1 Carrier + B66 LTE 10 MHz & NB-IoT 1 Carrier [2 Carrier] / Contiguous**  
**Test Result for Output Port 0**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-19.929	-20.977	-34.831	-25.133	-26.691	-28.819	-28.044
	Middle	-20.344	-20.758	-34.308	-26.580	-26.184	-29.316	-28.147
	High	-20.184	-21.723	-34.629	-25.876	-25.007	-29.656	-28.031
16QAM	Low	-21.292	-21.148	-33.926	-25.739	-26.937	-29.125	-28.022
	Middle	-20.659	-20.427	-34.833	-26.352	-26.270	-29.320	-28.253
	High	-20.318	-21.594	-33.813	-26.025	-24.561	-29.679	-28.507
64QAM	Low	-20.633	-21.135	-34.594	-26.418	-26.105	-28.962	-28.864
	Middle	-20.630	-20.185	-33.177	-26.653	-26.433	-29.109	-28.767
	High	-20.799	-21.290	-34.802	-25.590	-24.892	-29.533	-28.552
256QAM	Low	-20.724	-21.350	-34.388	-25.195	-26.535	-29.868	-28.479
	Middle	-19.820	-20.824	-34.977	-26.602	-26.623	-29.643	-28.966
	High	-20.628	-21.393	-34.326	-25.630	-24.687	-28.487	-28.538

**Test Result for Output Port 1**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-20.539	-22.388	-34.488	-26.054	-26.581	-30.216	-28.927
	Middle	-20.779	-23.800	-33.557	-26.339	-26.534	-29.482	-27.734
	High	-20.243	-21.982	-34.142	-26.860	-24.928	-29.279	-28.456
16QAM	Low	-19.564	-22.934	-34.508	-25.095	-26.884	-30.856	-28.585
	Middle	-20.004	-21.449	-34.462	-26.378	-26.623	-29.089	-28.544
	High	-19.909	-21.781	-33.702	-26.459	-24.709	-29.062	-29.062
64QAM	Low	-19.758	-22.085	-34.621	-25.520	-26.876	-29.261	-29.109
	Middle	-20.490	-21.603	-34.357	-25.872	-26.686	-28.233	-28.368
	High	-20.115	-21.924	-33.775	-26.684	-24.870	-28.337	-28.123
256QAM	Low	-19.909	-22.572	-34.586	-25.511	-26.653	-30.129	-28.920
	Middle	-20.233	-22.779	-33.510	-26.076	-26.554	-29.488	-28.997
	High	-20.605	-23.043	-34.173	-26.715	-24.970	-29.939	-28.733

**Test Result for Output Port 2**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-20.804	-21.685	-33.747	-26.265	-27.084	-30.236	-28.032
	Middle	-20.578	-21.734	-34.743	-26.651	-26.919	-30.059	-28.218
	High	-19.823	-22.271	-34.670	-26.658	-25.326	-30.352	-29.287
16QAM	Low	-19.932	-23.042	-34.263	-25.882	-26.737	-29.839	-28.591
	Middle	-19.815	-21.802	-34.847	-26.006	-26.666	-29.992	-29.438
	High	-19.769	-22.236	-33.023	-26.703	-24.994	-29.694	-28.739
64QAM	Low	-20.593	-21.766	-33.814	-26.433	-26.933	-30.400	-28.767
	Middle	-20.488	-21.208	-34.798	-26.356	-26.801	-29.935	-29.051
	High	-20.317	-21.485	-33.991	-26.447	-25.077	-30.312	-27.972
256QAM	Low	-21.058	-22.310	-34.094	-26.303	-26.923	-29.814	-29.015
	Middle	-21.487	-21.917	-34.846	-26.563	-27.060	-29.665	-28.152
	High	-20.118	-21.252	-33.483	-26.877	-25.015	-29.981	-28.345

**Test Result for Output Port 3**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-20.999	-22.998	-34.275	-25.696	-27.066	-29.536	-28.106
	Middle	-20.397	-21.915	-33.496	-27.096	-27.043	-29.315	-28.774
	High	-19.912	-20.141	-33.995	-26.100	-25.476	-30.284	-28.730
16QAM	Low	-20.448	-23.068	-34.332	-25.445	-27.219	-30.117	-28.082
	Middle	-19.858	-23.238	-34.298	-27.221	-26.936	-29.287	-28.511
	High	-21.181	-21.387	-33.978	-26.791	-25.061	-30.010	-28.774
64QAM	Low	-19.876	-22.200	-33.985	-26.054	-27.036	-30.128	-28.673
	Middle	-19.824	-22.711	-33.927	-27.173	-26.896	-29.552	-28.192
	High	-19.822	-21.271	-33.696	-26.192	-25.225	-30.022	-28.239
256QAM	Low	-19.896	-21.428	-34.625	-26.028	-26.812	-29.884	-28.069
	Middle	-19.719	-22.386	-33.489	-27.125	-27.226	-29.288	-28.668
	High	-19.871	-22.171	-33.357	-26.180	-25.442	-30.466	-28.499

**B25 LTE 5 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier [3 Carrier] / Contiguous**  
**Test Result for Output Port 0**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-27.060	-20.281	-38.890	-25.882	-26.993	-27.143	-29.510
	Middle	-27.080	-21.353	-39.130	-23.320	-25.413	-26.042	-36.925
	High	-24.698	-20.541	-38.707	-26.175	-34.585	-23.289	-42.571
16QAM	Low	-25.627	-21.393	-39.343	-24.852	-27.755	-26.753	-37.427
	Middle	-24.629	-20.889	-38.661	-24.437	-25.050	-25.594	-42.249
	High	-23.880	-21.853	-39.995	-26.228	-33.605	-24.484	-41.278
64QAM	Low	-28.101	-21.583	-39.733	-25.360	-26.916	-27.219	-33.397
	Middle	-26.149	-20.793	-39.372	-23.839	-22.688	-26.845	-35.403
	High	-25.717	-20.151	-39.379	-26.503	-34.543	-22.952	-40.532
256QAM	Low	-27.464	-21.148	-39.768	-25.860	-27.040	-27.139	-33.096
	Middle	-26.028	-21.149	-39.208	-23.647	-25.166	-26.302	-36.743
	High	-24.727	-20.917	-39.090	-26.353	-34.264	-23.591	-40.584

**Test Result for Output Port 1**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-25.782	-26.807	-38.960	-23.624	-27.341	-26.955	-43.228
	Middle	-24.447	-25.774	-38.994	-23.540	-24.356	-25.302	-42.852
	High	-23.618	-25.364	-38.399	-25.232	-34.339	-23.074	-40.618
16QAM	Low	-25.581	-27.156	-39.450	-22.138	-26.858	-26.572	-42.844
	Middle	-22.314	-26.076	-39.333	-23.448	-24.022	-25.618	-42.066
	High	-23.231	-25.288	-39.529	-26.443	-34.337	-23.516	-36.594
64QAM	Low	-24.762	-27.003	-39.185	-23.404	-27.356	-27.150	-42.459
	Middle	-23.859	-25.179	-39.485	-24.108	-24.391	-26.054	-40.794
	High	-23.663	-24.887	-38.405	-25.737	-34.574	-23.490	-38.986
256QAM	Low	-25.489	-26.375	-38.238	-23.774	-26.407	-27.481	-41.221
	Middle	-23.426	-25.129	-39.406	-23.909	-24.129	-25.091	-42.273
	High	-23.348	-25.146	-38.496	-25.725	-34.025	-23.934	-39.661

**Test Result for Output Port 2**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-28.457	-29.323	-40.336	-23.998	-27.218	-26.324	-43.189
	Middle	-26.527	-28.169	-39.234	-23.966	-25.556	-26.680	-41.893
	High	-25.444	-27.091	-39.066	-26.829	-32.383	-23.597	-42.477
16QAM	Low	-27.950	-28.758	-39.812	-24.293	-26.678	-27.505	-42.770
	Middle	-26.880	-28.071	-37.481	-24.817	-25.361	-26.169	-42.336
	High	-24.939	-26.740	-39.626	-26.805	-31.849	-23.855	-42.405
64QAM	Low	-27.776	-28.158	-39.769	-24.307	-27.362	-26.849	-41.479
	Middle	-26.607	-28.142	-37.758	-24.498	-24.759	-25.242	-42.177
	High	-25.814	-26.452	-38.562	-27.023	-33.149	-23.837	-41.995
256QAM	Low	-27.322	-29.361	-38.822	-24.472	-26.904	-28.678	-42.974
	Middle	-27.111	-28.599	-38.397	-24.461	-24.853	-26.549	-42.201
	High	-25.744	-27.549	-38.923	-26.605	-32.315	-22.897	-42.557

**Test Result for Output Port 3**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-25.906	-28.148	-38.437	-24.876	-27.713	-24.443	-43.027
	Middle	-25.239	-26.452	-39.510	-25.115	-25.193	-24.244	-42.225
	High	-24.227	-25.346	-39.003	-26.753	-34.696	-24.248	-40.895
16QAM	Low	-26.496	-26.771	-39.373	-24.590	-27.019	-23.391	-43.917
	Middle	-24.958	-27.104	-39.524	-24.669	-25.325	-24.481	-43.186
	High	-23.878	-26.470	-39.355	-26.799	-33.414	-24.217	-35.411
64QAM	Low	-25.950	-27.583	-37.238	-24.155	-26.798	-24.381	-42.428
	Middle	-25.479	-26.495	-38.334	-24.743	-25.040	-24.587	-43.416
	High	-24.331	-24.938	-39.221	-27.024	-34.451	-23.970	-41.063
256QAM	Low	-25.649	-27.013	-39.895	-23.116	-27.132	-24.458	-42.336
	Middle	-25.803	-27.119	-38.554	-24.328	-24.958	-24.060	-43.054
	High	-23.824	-26.115	-39.560	-26.914	-34.719	-24.277	-40.738

**B25 LTE 5 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz & NB-IoT 1 Carrier [3 Carrier] / Contiguous  
 Test Result for Output Port 0**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-21.187	-22.088	-39.250	-26.168	-27.909	-30.514	-30.827
	Middle	-21.312	-21.322	-39.416	-24.476	-24.554	-29.900	-30.631
	High	-22.752	-21.988	-40.210	-26.377	-33.588	-27.879	-28.822
16QAM	Low	-24.342	-23.038	-39.464	-26.158	-27.832	-30.409	-29.487
	Middle	-21.871	-22.987	-40.040	-23.611	-24.943	-29.678	-30.084
	High	-24.354	-21.816	-39.893	-26.548	-33.801	-28.229	-30.402
64QAM	Low	-23.947	-23.031	-38.915	-26.599	-27.673	-31.416	-30.461
	Middle	-21.813	-21.998	-38.986	-24.091	-24.570	-29.469	-30.778
	High	-23.537	-22.147	-37.463	-25.863	-32.971	-26.988	-30.592
256QAM	Low	-22.384	-22.099	-40.311	-26.307	-27.378	-31.622	-30.000
	Middle	-20.403	-22.824	-39.287	-24.564	-24.731	-29.882	-30.469
	High	-25.724	-21.953	-38.611	-26.545	-34.161	-26.997	-28.842

**Test Result for Output Port 1**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-24.589	-27.781	-38.981	-24.787	-27.345	-30.895	-29.236
	Middle	-21.122	-21.640	-38.852	-23.031	-23.001	-28.570	-30.691
	High	-22.809	-27.598	-39.758	-25.624	-32.612	-27.384	-30.415
16QAM	Low	-23.371	-26.401	-40.238	-24.390	-27.606	-30.206	-30.384
	Middle	-21.338	-28.314	-38.889	-23.157	-24.145	-29.342	-30.718
	High	-21.417	-27.380	-40.225	-25.051	-32.329	-27.316	-28.829
64QAM	Low	-21.058	-26.499	-40.379	-24.276	-27.175	-30.912	-30.072
	Middle	-21.778	-23.049	-40.049	-23.203	-23.740	-27.694	-31.106
	High	-22.928	-27.108	-39.471	-25.991	-32.702	-27.409	-28.948
256QAM	Low	-21.205	-27.070	-40.069	-24.183	-27.229	-30.714	-30.589
	Middle	-21.303	-23.366	-39.013	-23.007	-23.277	-27.816	-29.476
	High	-23.071	-27.325	-39.676	-25.773	-32.975	-26.758	-30.528

**Test Result for Output Port 2**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-24.718	-27.837	-39.639	-23.937	-27.495	-30.966	-28.414
	Middle	-21.084	-24.443	-38.969	-23.799	-24.336	-29.923	-30.822
	High	-20.360	-24.383	-38.907	-27.282	-30.204	-27.922	-29.334
16QAM	Low	-23.226	-28.612	-39.319	-23.914	-27.320	-31.285	-29.645
	Middle	-22.013	-24.865	-39.616	-24.375	-24.227	-29.026	-30.317
	High	-22.799	-28.364	-40.352	-27.552	-30.704	-27.736	-30.692
64QAM	Low	-21.517	-25.530	-39.489	-24.162	-27.382	-31.077	-30.126
	Middle	-20.213	-25.325	-40.126	-24.641	-24.802	-30.812	-30.512
	High	-24.849	-29.378	-39.157	-27.039	-30.797	-28.948	-30.670
256QAM	Low	-21.900	-26.042	-40.329	-24.495	-27.853	-30.890	-29.405
	Middle	-22.342	-26.294	-39.786	-24.542	-24.422	-30.137	-28.535
	High	-24.736	-29.263	-39.484	-27.239	-30.809	-28.504	-28.804

**Test Result for Output Port 3**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-23.319	-27.697	-39.425	-25.073	-27.752	-31.700	-29.421
	Middle	-20.760	-22.089	-39.705	-24.256	-23.549	-29.597	-30.902
	High	-22.282	-26.364	-38.890	-27.280	-34.150	-27.783	-29.001
16QAM	Low	-22.781	-28.130	-40.314	-25.188	-27.277	-31.059	-30.234
	Middle	-21.522	-25.161	-38.631	-23.822	-24.388	-29.195	-31.020
	High	-21.221	-26.258	-39.957	-27.280	-33.848	-27.259	-30.404
64QAM	Low	-22.655	-28.367	-40.027	-24.230	-27.961	-30.160	-31.413
	Middle	-20.843	-22.910	-40.191	-24.499	-23.691	-28.752	-29.471
	High	-21.004	-26.106	-40.162	-27.332	-33.862	-28.293	-29.916
256QAM	Low	-24.019	-28.423	-40.002	-24.074	-27.395	-30.999	-30.618
	Middle	-20.736	-25.000	-39.491	-24.012	-24.111	-28.940	-30.679
	High	-21.850	-27.146	-39.245	-26.755	-33.530	-28.349	-28.920



**B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier [3 Carrier] / Contiguous**  
**Test Result for Output Port 0**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-29.306	-20.553	-37.390	-26.411	-24.988	-28.747	-43.480
	Middle	-29.817	-21.658	-38.923	-23.058	-23.270	-31.439	-30.569
	High	-29.480	-21.400	-38.591	-24.553	-32.377	-29.699	-31.127
16QAM	Low	-27.993	-20.410	-36.539	-26.412	-25.091	-29.699	-42.868
	Middle	-29.223	-22.336	-38.832	-22.750	-23.305	-31.816	-29.703
	High	-28.079	-20.546	-36.718	-24.294	-31.651	-30.683	-29.076
64QAM	Low	-30.006	-20.555	-38.705	-26.145	-24.756	-28.908	-42.900
	Middle	-30.072	-21.796	-37.975	-23.094	-23.573	-31.297	-29.842
	High	-29.244	-20.607	-39.534	-24.308	-31.896	-30.106	-31.665
256QAM	Low	-29.798	-20.648	-36.853	-26.752	-24.323	-29.142	-43.733
	Middle	-30.396	-20.864	-38.200	-23.568	-23.173	-31.274	-31.111
	High	-29.832	-20.605	-38.677	-24.448	-31.410	-30.661	-27.593

**Test Result for Output Port 1**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-29.020	-29.617	-38.820	-25.984	-24.694	-31.806	-30.433
	Middle	-27.997	-29.527	-37.117	-22.226	-23.264	-30.764	-30.862
	High	-26.618	-28.747	-39.331	-23.852	-31.589	-28.333	-30.226
16QAM	Low	-28.939	-29.701	-40.010	-25.199	-24.980	-31.380	-28.514
	Middle	-27.937	-29.628	-38.797	-21.719	-23.421	-30.545	-30.319
	High	-27.365	-28.129	-39.063	-23.629	-31.035	-29.242	-29.335
64QAM	Low	-28.672	-30.165	-38.593	-24.642	-25.481	-31.885	-31.700
	Middle	-28.403	-28.995	-37.903	-22.010	-23.227	-29.975	-30.496
	High	-27.678	-28.686	-38.381	-24.017	-31.243	-29.137	-30.022
256QAM	Low	-28.798	-28.789	-38.246	-25.081	-25.416	-32.291	-30.776
	Middle	-28.847	-29.493	-38.279	-22.108	-23.382	-29.582	-30.077
	High	-28.124	-29.071	-38.906	-24.054	-30.902	-29.148	-30.029

**Test Result for Output Port 2**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-31.360	-31.003	-38.630	-25.428	-25.940	-31.109	-28.549
	Middle	-30.788	-31.670	-39.173	-23.540	-23.979	-31.365	-30.055
	High	-29.671	-30.734	-39.590	-24.887	-29.832	-29.482	-30.349
16QAM	Low	-30.359	-31.296	-39.146	-25.655	-25.281	-32.233	-30.906
	Middle	-29.392	-30.856	-39.369	-23.309	-23.793	-31.242	-29.865
	High	-29.154	-30.676	-39.650	-24.592	-29.983	-30.093	-30.873
64QAM	Low	-30.816	-31.608	-38.341	-25.518	-25.457	-32.862	-30.246
	Middle	-29.880	-30.460	-39.363	-24.188	-23.887	-30.832	-29.829
	High	-30.555	-30.184	-40.063	-24.373	-29.603	-29.522	-30.794
256QAM	Low	-30.988	-31.548	-38.944	-25.249	-25.696	-31.515	-30.491
	Middle	-29.942	-31.562	-39.802	-24.082	-23.894	-31.918	-30.249
	High	-29.604	-30.949	-37.945	-24.816	-29.860	-29.856	-31.169

**Test Result for Output Port 3**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-29.563	-30.501	-39.633	-25.655	-25.278	-31.641	-31.683
	Middle	-29.241	-30.298	-39.042	-23.086	-22.840	-31.183	-29.359
	High	-28.103	-29.744	-39.262	-24.317	-33.335	-30.630	-30.760
16QAM	Low	-28.556	-29.919	-39.381	-26.301	-25.476	-32.281	-29.377
	Middle	-27.348	-29.267	-38.364	-22.903	-23.463	-30.273	-30.691
	High	-27.134	-29.818	-39.086	-23.883	-32.765	-29.994	-31.110
64QAM	Low	-30.013	-30.709	-38.609	-26.340	-25.301	-30.288	-30.426
	Middle	-29.260	-29.995	-40.013	-23.447	-22.643	-31.790	-31.090
	High	-28.591	-29.278	-38.459	-24.670	-33.057	-30.210	-29.441
256QAM	Low	-28.513	-30.596	-38.238	-26.083	-25.237	-30.816	-30.308
	Middle	-29.031	-29.948	-38.547	-23.165	-22.769	-30.528	-31.122
	High	-28.123	-29.359	-40.262	-24.364	-33.091	-30.123	-31.298

**B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 20 MHz & NB-IoT 1 Carrier [3 Carrier] / Contiguous  
 Test Result for Output Port 0**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-28.849	-20.640	-39.075	-26.685	-24.547	-31.268	-29.908
	Middle	-23.426	-21.657	-39.121	-22.372	-23.870	-30.677	-30.521
	High	-25.614	-20.294	-37.335	-25.338	-32.313	-28.753	-28.984
16QAM	Low	-26.450	-20.450	-38.574	-26.067	-25.046	-32.376	-31.049
	Middle	-27.028	-20.851	-39.211	-22.458	-23.043	-31.767	-30.215
	High	-22.300	-20.733	-39.350	-24.148	-31.801	-29.979	-28.915
64QAM	Low	-29.109	-20.910	-37.875	-26.771	-24.652	-32.461	-30.638
	Middle	-23.994	-21.436	-37.954	-22.963	-23.735	-31.990	-30.530
	High	-22.569	-20.169	-38.904	-24.924	-31.918	-30.308	-31.314
256QAM	Low	-23.932	-20.236	-37.666	-26.799	-24.919	-32.125	-30.881
	Middle	-24.790	-21.529	-38.854	-22.549	-23.566	-32.074	-30.279
	High	-22.940	-20.141	-39.065	-24.793	-31.631	-29.846	-30.490

**Test Result for Output Port 1**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-22.492	-29.216	-36.743	-24.847	-23.305	-31.465	-28.574
	Middle	-22.290	-27.679	-38.406	-22.247	-22.549	-30.358	-30.528
	High	-25.601	-29.139	-39.659	-23.185	-29.197	-29.833	-31.057
16QAM	Low	-24.701	-30.041	-38.047	-25.052	-23.854	-30.760	-30.049
	Middle	-21.285	-28.278	-38.693	-22.136	-22.450	-30.460	-31.370
	High	-25.263	-29.908	-37.615	-22.640	-30.918	-29.838	-29.927
64QAM	Low	-24.533	-28.689	-37.918	-25.175	-23.780	-30.913	-30.701
	Middle	-20.478	-29.009	-38.105	-22.335	-22.783	-31.220	-30.785
	High	-25.548	-28.927	-37.622	-23.196	-30.486	-29.125	-30.802
256QAM	Low	-22.465	-29.345	-38.672	-25.134	-23.803	-31.992	-30.144
	Middle	-22.499	-28.174	-38.296	-22.235	-22.576	-31.038	-30.885
	High	-25.064	-28.629	-37.812	-22.959	-30.800	-29.095	-30.717

**Test Result for Output Port 2**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-23.899	-31.556	-38.326	-25.586	-25.125	-31.885	-30.799
	Middle	-26.011	-31.635	-39.294	-24.121	-23.443	-31.360	-31.648
	High	-25.164	-31.421	-39.552	-24.733	-29.859	-29.935	-28.936
16QAM	Low	-25.179	-31.985	-40.018	-25.760	-25.421	-31.610	-30.317
	Middle	-27.006	-31.437	-39.688	-23.437	-24.088	-31.822	-29.425
	High	-25.979	-31.829	-39.236	-25.287	-29.574	-30.311	-31.591
64QAM	Low	-25.092	-30.652	-37.731	-25.450	-24.516	-31.658	-30.270
	Middle	-23.463	-31.496	-39.680	-24.058	-23.641	-31.612	-31.040
	High	-26.381	-31.354	-38.233	-24.983	-29.685	-30.902	-30.918
256QAM	Low	-24.527	-32.021	-39.916	-25.016	-24.897	-32.167	-30.163
	Middle	-24.496	-30.734	-38.553	-24.030	-23.521	-32.126	-30.612
	High	-27.557	-31.563	-39.873	-25.033	-29.109	-30.345	-28.739

**Test Result for Output Port 3**

Mod.	Channel	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-26.554	-30.846	-38.962	-25.938	-24.425	-32.014	-29.793
	Middle	-24.131	-29.272	-39.519	-22.878	-23.625	-30.923	-30.337
	High	-24.387	-29.448	-38.782	-24.742	-32.028	-29.926	-30.837
16QAM	Low	-24.987	-30.399	-37.976	-26.916	-25.318	-31.737	-29.422
	Middle	-24.393	-30.133	-38.646	-23.005	-23.103	-31.722	-30.619
	High	-23.631	-29.491	-38.491	-24.320	-32.452	-29.618	-29.760
64QAM	Low	-26.102	-30.702	-38.864	-25.821	-24.419	-31.900	-30.550
	Middle	-21.158	-28.569	-39.404	-23.141	-23.349	-30.422	-30.488
	High	-23.338	-28.139	-38.246	-24.625	-32.641	-30.135	-30.341
256QAM	Low	-26.575	-30.965	-38.519	-26.554	-24.711	-32.458	-30.569
	Middle	-21.266	-29.035	-39.093	-23.368	-23.333	-30.640	-30.382
	High	-25.057	-29.761	-37.140	-24.141	-32.277	-29.902	-31.952

## Tabular Data of RF Non-Contiguous

## B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier [2 Carrier] / Non-Contiguous

Port	Mod	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge - 100 MHz	Low Edge - 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
0	QPSK	-26.884	-22.786	-39.936	-27.128	-28.873	-29.038	-30.923
	16QAM	-26.541	-22.111	-39.412	-26.802	-28.851	-28.403	-30.075
	64QAM	-27.107	-22.251	-39.217	-27.824	-28.994	-28.960	-30.246
	256QAM	-27.599	-22.690	-39.231	-28.396	-28.757	-28.027	-29.816
1	QPSK	-25.734	-28.348	-36.795	-25.073	-29.126	-28.707	-30.050
	16QAM	-24.882	-28.748	-37.970	-24.899	-29.619	-27.137	-31.207
	64QAM	-25.741	-27.714	-36.518	-24.392	-29.597	-27.187	-28.484
	256QAM	-25.226	-28.195	-36.687	-24.637	-29.273	-27.516	-30.639
2	QPSK	-28.024	-31.429	-38.184	-27.171	-29.658	-28.672	-31.298
	16QAM	-26.973	-31.774	-40.221	-26.705	-29.564	-28.266	-30.349
	64QAM	-27.684	-31.143	-37.779	-25.864	-29.934	-29.852	-30.217
	256QAM	-27.229	-30.698	-39.745	-26.662	-30.082	-30.046	-31.222
3	QPSK	-27.258	-29.248	-37.617	-26.334	-28.423	-28.358	-30.411
	16QAM	-25.534	-29.274	-37.403	-27.168	-28.380	-29.042	-28.463
	64QAM	-26.670	-29.066	-37.569	-26.212	-28.067	-28.036	-29.506
	256QAM	-26.550	-29.140	-37.424	-27.078	-28.155	-28.477	-29.575

**B25 LTE 10 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier [2 Carrier] / Non-Contiguous**

Port	Mod	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge - 100 MHz	Low Edge - 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
0	QPSK	-26.402	-22.073	-37.173	-29.791	-26.533	-27.408	-31.387
	16QAM	-24.571	-22.094	-37.345	-30.220	-26.421	-29.484	-29.964
	64QAM	-25.972	-21.486	-36.694	-29.730	-26.219	-28.182	-29.405
	256QAM	-25.440	-21.197	-36.536	-29.548	-26.582	-28.103	-30.166
1	QPSK	-23.294	-26.917	-34.456	-29.435	-26.763	-28.666	-27.677
	16QAM	-23.247	-27.933	-33.619	-29.972	-27.118	-28.110	-30.524
	64QAM	-22.711	-27.029	-33.496	-29.438	-26.735	-28.013	-29.597
	256QAM	-24.491	-27.080	-33.420	-29.259	-26.398	-27.531	-30.048
2	QPSK	-26.985	-28.892	-36.160	-30.507	-29.291	-29.241	-29.840
	16QAM	-22.931	-29.718	-35.164	-30.778	-29.589	-30.320	-31.329
	64QAM	-26.845	-29.188	-35.752	-30.847	-29.441	-29.423	-31.244
	256QAM	-25.444	-30.215	-37.103	-30.506	-29.173	-28.298	-30.809
3	QPSK	-25.723	-28.501	-35.342	-30.091	-26.381	-27.807	-30.426
	16QAM	-23.467	-27.875	-34.697	-29.979	-26.619	-28.091	-30.404
	64QAM	-25.160	-28.115	-34.113	-30.083	-26.528	-28.533	-30.600
	256QAM	-24.270	-28.122	-35.139	-29.700	-26.428	-26.912	-31.256

**B25 LTE 10 MHz & NB-IoT 1 Carrier + B25 LTE 20 MHz 1 Carrier [2 Carrier] / Non-Contiguous**

Port	Mod	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge - 100 MHz	Low Edge - 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
0	QPSK	-22.844	-22.895	-36.909	-30.408	-26.828	-28.114	-30.908
	16QAM	-25.055	-22.782	-37.873	-29.913	-26.961	-29.287	-30.669
	64QAM	-21.284	-22.704	-37.299	-30.528	-26.863	-29.608	-31.597
	256QAM	-20.836	-22.442	-37.471	-30.457	-26.948	-29.092	-30.874
1	QPSK	-25.413	-27.519	-34.583	-30.054	-27.464	-27.706	-29.728
	16QAM	-22.544	-26.586	-35.353	-29.977	-26.985	-28.115	-29.650
	64QAM	-24.907	-28.077	-33.216	-29.958	-26.911	-29.305	-30.662
	256QAM	-24.729	-27.598	-33.625	-30.319	-27.282	-28.632	-29.804
2	QPSK	-26.641	-29.786	-37.685	-30.521	-29.916	-28.406	-28.534
	16QAM	-25.024	-30.887	-38.327	-31.367	-29.592	-29.118	-30.295
	64QAM	-27.171	-30.177	-37.085	-31.353	-29.458	-29.133	-29.728
	256QAM	-25.125	-30.768	-38.327	-30.853	-29.107	-28.502	-30.857
3	QPSK	-26.236	-28.955	-35.214	-29.960	-26.904	-28.103	-30.417
	16QAM	-23.878	-28.610	-36.038	-30.141	-26.678	-27.578	-30.778
	64QAM	-26.090	-27.930	-34.570	-29.365	-26.555	-29.295	-30.921
	256QAM	-25.108	-28.972	-33.837	-29.623	-26.931	-28.389	-30.550

**B25 LTE 20 MHz & NB-IoT 1 Carrier + B25 LTE 10 MHz 1 Carrier [2 Carrier] / Non-Contiguous**

Port	Mod	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge - 100 MHz	Low Edge - 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
0	QPSK	-27.156	-23.801	-36.738	-28.500	-30.029	-29.894	-30.402
	16QAM	-25.865	-23.522	-37.551	-27.911	-30.124	-30.607	-29.634
	64QAM	-27.912	-24.169	-37.619	-28.024	-30.001	-30.769	-30.619
	256QAM	-28.633	-23.539	-36.534	-28.693	-29.825	-30.537	-29.437
1	QPSK	-22.510	-27.783	-34.275	-27.592	-29.721	-29.447	-29.958
	16QAM	-23.785	-27.648	-32.286	-27.757	-29.471	-28.655	-30.338
	64QAM	-21.976	-27.354	-34.568	-27.401	-29.680	-29.396	-29.243
	256QAM	-23.803	-27.662	-32.319	-27.525	-29.635	-29.428	-28.968
2	QPSK	-22.952	-30.580	-38.126	-28.951	-29.954	-30.941	-30.280
	16QAM	-22.038	-30.381	-37.787	-28.974	-29.987	-31.442	-29.144
	64QAM	-24.750	-30.039	-36.409	-28.804	-29.903	-30.920	-30.278
	256QAM	-21.353	-29.722	-35.625	-28.565	-30.100	-31.340	-30.171
3	QPSK	-22.991	-27.932	-33.830	-28.488	-29.312	-30.485	-30.066
	16QAM	-21.794	-28.216	-33.594	-27.963	-28.912	-29.353	-28.401
	64QAM	-22.906	-27.290	-33.943	-27.784	-29.225	-30.003	-29.579
	256QAM	-21.017	-28.293	-33.722	-28.268	-29.294	-28.213	-29.936



**B25 LTE 10 MHz & NB-IoT 1 Carrier + B25 LTE 20 MHz & NB-IoT 1 Carrier [2 Carrier] / Non-Contiguous**

Port	Mod	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge - 100 MHz	Low Edge - 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
0	QPSK	-24.406	-22.229	-37.297	-29.628	-27.818	-29.151	-29.503
	16QAM	-21.212	-22.106	-37.543	-30.123	-27.839	-29.452	-30.279
	64QAM	-26.552	-22.496	-36.345	-29.040	-27.897	-29.518	-30.265
	256QAM	-24.436	-21.893	-36.566	-28.723	-27.857	-28.125	-29.963
1	QPSK	-21.435	-28.314	-34.569	-29.667	-28.141	-27.449	-30.972
	16QAM	-20.404	-28.469	-34.444	-30.240	-28.571	-27.372	-30.040
	64QAM	-20.080	-28.011	-34.997	-29.322	-28.387	-28.061	-29.023
	256QAM	-20.243	-28.926	-35.153	-28.934	-27.906	-27.841	-29.650
2	QPSK	-24.467	-31.036	-37.285	-30.645	-28.376	-28.806	-30.244
	16QAM	-24.586	-31.491	-38.443	-30.275	-28.666	-28.574	-28.311
	64QAM	-24.205	-30.441	-38.053	-30.278	-29.095	-29.524	-30.523
	256QAM	-24.681	-29.675	-36.924	-30.896	-28.886	-28.802	-30.041
3	QPSK	-21.523	-29.301	-34.444	-29.042	-27.261	-29.085	-29.770
	16QAM	-20.448	-28.833	-35.309	-29.436	-27.224	-27.810	-29.499
	64QAM	-21.033	-29.455	-36.060	-29.369	-27.276	-28.058	-31.688
	256QAM	-20.369	-29.364	-34.841	-28.954	-27.288	-28.109	-29.693

**B25 LTE 15 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier [2 Carrier] / Non-Contiguous**

Port	Mod	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge - 100 MHz	Low Edge - 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
0	QPSK	-29.390	-22.454	-36.680	-28.979	-26.619	-30.649	-31.324
	16QAM	-27.686	-21.572	-36.073	-28.937	-26.950	-28.372	-28.171
	64QAM	-29.247	-21.231	-36.182	-29.370	-26.810	-30.763	-30.609
	256QAM	-30.552	-22.160	-37.173	-29.406	-27.387	-31.133	-30.193
1	QPSK	-27.870	-27.258	-32.571	-28.573	-26.991	-29.152	-31.111
	16QAM	-25.781	-26.962	-33.612	-28.567	-26.824	-28.968	-30.958
	64QAM	-26.943	-27.979	-34.109	-28.355	-26.958	-28.584	-31.153
	256QAM	-27.231	-28.113	-34.321	-28.544	-26.461	-29.179	-29.031
2	QPSK	-29.578	-30.563	-36.142	-29.804	-29.625	-30.095	-29.208
	16QAM	-28.121	-30.889	-36.050	-29.948	-29.203	-29.961	-30.887
	64QAM	-30.183	-30.209	-36.586	-29.834	-29.514	-30.636	-29.430
	256QAM	-28.167	-30.708	-36.510	-29.484	-29.381	-28.920	-30.280
3	QPSK	-27.802	-27.977	-34.278	-29.415	-26.919	-30.366	-29.131
	16QAM	-27.221	-28.266	-33.758	-29.330	-26.372	-30.026	-28.522
	64QAM	-27.059	-28.563	-33.548	-28.813	-26.617	-29.012	-30.980
	256QAM	-27.678	-28.931	-34.325	-29.097	-26.976	-28.993	-30.299

**B25 LTE 20 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier [2 Carrier] / Non-Contiguous**

Port	Mod	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge - 100 MHz	Low Edge - 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
0	QPSK	-29.009	-21.851	-36.239	-29.198	-27.511	-30.353	-29.873
	16QAM	-29.077	-21.823	-36.045	-29.143	-27.710	-30.680	-28.731
	64QAM	-29.466	-21.599	-35.962	-29.133	-27.594	-30.932	-29.798
	256QAM	-29.266	-22.122	-35.934	-29.267	-27.481	-31.069	-31.130
1	QPSK	-28.047	-28.274	-33.295	-28.343	-27.032	-30.794	-30.381
	16QAM	-27.437	-28.155	-33.592	-28.341	-26.976	-30.027	-30.053
	64QAM	-26.221	-28.930	-32.691	-29.093	-26.762	-30.695	-30.003
	256QAM	-27.831	-29.190	-33.808	-28.594	-27.199	-30.652	-30.691
2	QPSK	-29.908	-30.280	-36.088	-29.404	-29.495	-31.863	-29.993
	16QAM	-28.984	-30.620	-35.791	-29.562	-29.345	-30.915	-28.634
	64QAM	-29.768	-31.899	-36.569	-29.878	-29.620	-30.398	-30.726
	256QAM	-30.106	-30.623	-35.775	-29.221	-29.431	-30.967	-31.112
3	QPSK	-27.621	-29.304	-34.325	-28.994	-27.409	-30.657	-28.899
	16QAM	-27.577	-28.681	-33.021	-29.039	-27.992	-31.271	-30.150
	64QAM	-27.371	-29.112	-35.442	-29.064	-27.290	-30.039	-30.180
	256QAM	-28.043	-29.174	-33.818	-29.351	-27.356	-30.379	-30.939

**B25 LTE 20 MHz & NB-IoT 1 Carrier + B25 LTE 20 MHz 1 Carrier [2 Carrier] / Non-Contiguous**

Port	Mod	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge - 100 MHz	Low Edge - 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
0	QPSK	-27.193	-22.097	-36.471	-29.459	-27.585	-31.396	-30.521
	16QAM	-28.180	-21.694	-36.017	-29.631	-27.323	-30.833	-31.136
	64QAM	-25.963	-21.398	-35.218	-29.259	-27.473	-30.635	-29.966
	256QAM	-28.871	-22.039	-35.186	-29.394	-27.719	-30.341	-29.585
1	QPSK	-24.882	-29.051	-34.763	-28.734	-26.905	-30.394	-28.708
	16QAM	-23.436	-28.149	-34.623	-29.321	-27.491	-30.197	-30.384
	64QAM	-25.905	-28.934	-33.889	-29.021	-27.079	-29.755	-31.363
	256QAM	-27.562	-29.213	-33.872	-28.911	-27.283	-29.837	-29.335
2	QPSK	-26.187	-31.405	-36.039	-29.768	-29.607	-31.421	-31.075
	16QAM	-28.084	-31.441	-36.828	-29.979	-29.763	-30.266	-29.402
	64QAM	-26.809	-31.464	-36.295	-29.577	-29.619	-30.862	-30.425
	256QAM	-25.691	-31.515	-35.725	-29.641	-29.490	-30.207	-31.591
3	QPSK	-25.423	-29.616	-33.035	-29.480	-27.450	-30.831	-29.810
	16QAM	-26.992	-30.197	-35.664	-29.397	-27.296	-29.571	-31.011
	64QAM	-26.415	-29.136	-33.733	-29.354	-27.503	-31.307	-29.301
	256QAM	-25.859	-30.052	-34.545	-29.639	-27.306	-30.602	-29.182

**B25 LTE 20 MHz & NB-IoT 1 Carrier + B25 LTE 20 MHz & NB-IoT 1 Carrier [2 Carrier] / Non-Contiguous**

Port	Mod	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge - 100 MHz	Low Edge - 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
0	QPSK	-25.184	-21.222	-34.860	-30.102	-28.274	-30.820	-30.400
	16QAM	-26.327	-21.150	-37.971	-29.670	-28.069	-31.135	-28.073
	64QAM	-26.259	-21.774	-36.918	-29.846	-27.977	-30.923	-29.073
	256QAM	-26.602	-21.888	-36.507	-30.048	-27.926	-30.942	-30.104
1	QPSK	-21.027	-29.540	-34.056	-29.606	-28.035	-29.783	-31.119
	16QAM	-25.160	-29.945	-34.670	-29.510	-28.477	-30.812	-29.583
	64QAM	-23.644	-29.823	-33.447	-29.514	-28.189	-31.074	-28.474
	256QAM	-25.158	-29.069	-34.149	-29.436	-28.428	-31.551	-29.729
2	QPSK	-27.646	-32.489	-36.800	-30.349	-30.176	-31.647	-30.165
	16QAM	-26.330	-31.768	-37.562	-30.111	-30.819	-32.765	-31.237
	64QAM	-25.740	-31.095	-36.623	-30.258	-30.082	-31.205	-31.181
	256QAM	-25.983	-32.187	-36.282	-30.469	-30.535	-31.223	-30.076
3	QPSK	-23.561	-30.220	-35.826	-29.805	-27.791	-31.074	-29.214
	16QAM	-21.368	-30.769	-34.673	-29.856	-27.861	-30.779	-29.932
	64QAM	-22.780	-30.486	-35.783	-29.979	-28.018	-30.713	-30.563
	256QAM	-24.553	-29.235	-35.348	-29.952	-28.124	-30.967	-29.605

**B66 LTE 10 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier [2 Carrier] / Non-Contiguous**

Port	Mod	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge - 100 MHz	Low Edge - 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
0	QPSK	-21.842	-25.456	-33.865	-26.178	-24.461	-30.898	-28.536
	16QAM	-21.351	-24.324	-34.098	-26.412	-25.092	-31.911	-29.502
	64QAM	-20.674	-23.100	-34.348	-26.225	-24.818	-31.405	-29.173
	256QAM	-21.800	-24.536	-34.061	-26.131	-25.079	-31.313	-28.064
1	QPSK	-22.546	-26.893	-34.493	-25.130	-24.468	-31.806	-28.760
	16QAM	-21.776	-25.051	-34.255	-25.102	-24.521	-30.560	-28.208
	64QAM	-21.184	-26.825	-34.504	-25.333	-24.524	-31.870	-28.892
	256QAM	-20.133	-25.823	-33.894	-25.303	-25.262	-31.648	-28.593
2	QPSK	-21.439	-27.279	-34.528	-25.552	-25.171	-31.677	-28.511
	16QAM	-21.307	-25.809	-34.800	-25.197	-25.119	-31.661	-28.791
	64QAM	-20.435	-27.658	-34.754	-25.545	-26.158	-30.819	-28.018
	256QAM	-22.699	-27.189	-34.738	-25.333	-25.927	-30.485	-28.365
3	QPSK	-19.807	-25.273	-34.479	-26.895	-24.167	-32.083	-27.850
	16QAM	-21.670	-25.554	-34.299	-26.814	-25.219	-30.828	-28.346
	64QAM	-20.514	-26.838	-34.544	-26.677	-25.345	-29.813	-28.446
	256QAM	-21.872	-26.591	-34.888	-26.928	-25.524	-31.341	-28.922

**B66 LTE 5 MHz 1 Carrier + B66 LTE 10 MHz & NB-IoT 1 Carrier [2 Carrier] / Non-Contiguous**

Port	Mod	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge - 100 MHz	Low Edge - 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
0	QPSK	-21.151	-24.815	-34.168	-24.973	-27.083	-31.214	-28.173
	16QAM	-21.773	-24.694	-34.696	-25.371	-27.196	-32.025	-28.412
	64QAM	-20.918	-25.541	-34.322	-24.986	-27.226	-31.139	-28.320
	256QAM	-20.408	-24.961	-34.409	-25.225	-27.442	-31.603	-28.215
1	QPSK	-20.723	-25.785	-34.527	-24.906	-27.403	-30.976	-28.755
	16QAM	-21.570	-25.936	-34.372	-24.223	-27.429	-31.537	-28.600
	64QAM	-20.841	-25.760	-34.505	-24.898	-27.149	-31.170	-28.589
	256QAM	-20.765	-26.054	-34.820	-24.625	-27.232	-29.966	-27.913
2	QPSK	-21.152	-27.611	-33.942	-25.506	-27.129	-30.406	-28.897
	16QAM	-20.988	-26.379	-33.805	-25.434	-27.530	-31.404	-28.353
	64QAM	-20.571	-27.260	-33.915	-25.546	-27.450	-31.398	-28.642
	256QAM	-20.479	-26.664	-34.036	-25.623	-27.399	-30.862	-28.613
3	QPSK	-20.641	-26.802	-34.143	-25.318	-27.377	-30.856	-28.732
	16QAM	-20.948	-26.288	-34.583	-25.506	-27.375	-31.494	-28.369
	64QAM	-21.998	-26.957	-34.180	-25.604	-27.181	-30.961	-29.214
	256QAM	-20.908	-26.481	-33.309	-25.871	-27.427	-31.403	-28.513

**B66 LTE 5 MHz 1 Carrier + B66 LTE 20 MHz 1 Carrier [2 Carrier] / Non-Contiguous**

Port	Mod	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge - 100 MHz	Low Edge - 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
0	QPSK	-20.059	-23.788	-34.304	-24.077	-26.141	-30.581	-28.291
	16QAM	-21.393	-23.981	-34.539	-24.516	-26.226	-30.613	-28.159
	64QAM	-21.552	-23.795	-33.781	-23.784	-26.208	-30.733	-28.357
	256QAM	-20.900	-23.847	-33.913	-23.870	-25.936	-30.417	-28.761
1	QPSK	-20.971	-25.317	-34.257	-23.794	-26.443	-30.783	-28.379
	16QAM	-21.814	-25.005	-34.037	-23.081	-26.551	-30.743	-28.625
	64QAM	-20.736	-24.704	-33.489	-23.020	-26.556	-30.520	-28.589
	256QAM	-20.599	-24.881	-34.039	-23.601	-26.026	-31.290	-28.331
2	QPSK	-21.029	-25.584	-33.602	-23.167	-26.934	-30.841	-28.092
	16QAM	-22.350	-25.640	-33.528	-23.851	-26.824	-30.720	-28.674
	64QAM	-21.447	-25.047	-33.326	-23.912	-27.009	-30.671	-28.200
	256QAM	-22.177	-26.198	-33.494	-23.803	-26.701	-30.907	-28.001
3	QPSK	-21.101	-25.129	-34.155	-24.298	-25.962	-31.004	-28.246
	16QAM	-20.516	-23.352	-34.664	-24.552	-25.700	-30.689	-28.259
	64QAM	-20.865	-24.782	-34.499	-24.408	-26.009	-30.012	-28.751
	256QAM	-22.095	-25.062	-34.366	-24.618	-25.991	-31.116	-28.148



**B66 LTE 5 MHz 1 Carrier + B66 LTE 20 MHz & NB-IoT 1 Carrier [2 Carrier] / Non-Contiguous**

Port	Mod	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge - 100 MHz	Low Edge - 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
0	QPSK	-21.568	-24.105	-34.700	-23.516	-26.353	-31.156	-28.908
	16QAM	-21.873	-23.836	-34.378	-23.742	-26.589	-31.182	-28.741
	64QAM	-20.834	-24.432	-34.395	-23.491	-26.354	-30.181	-28.137
	256QAM	-20.970	-24.922	-34.298	-23.724	-26.343	-30.566	-27.859
1	QPSK	-20.008	-24.737	-34.436	-23.013	-26.642	-31.129	-28.793
	16QAM	-20.058	-24.794	-34.911	-23.729	-26.534	-31.196	-28.903
	64QAM	-20.650	-24.629	-34.449	-23.139	-26.677	-31.738	-28.293
	256QAM	-20.836	-24.814	-34.997	-23.067	-26.695	-31.613	-27.570
2	QPSK	-20.925	-27.197	-34.151	-22.547	-26.985	-30.741	-28.115
	16QAM	-20.972	-26.626	-33.329	-23.599	-27.074	-31.032	-28.478
	64QAM	-21.330	-25.956	-34.212	-22.687	-26.956	-30.944	-29.018
	256QAM	-20.702	-25.601	-34.197	-22.612	-27.108	-30.037	-27.092
3	QPSK	-21.047	-26.148	-34.226	-24.687	-26.022	-30.893	-28.785
	16QAM	-20.888	-26.021	-34.387	-24.672	-25.985	-31.268	-28.231
	64QAM	-20.243	-25.251	-33.850	-23.902	-25.973	-30.988	-28.601
	256QAM	-20.559	-25.560	-34.084	-24.225	-25.884	-29.930	-28.269

**B66 LTE 10 MHz 1 Carrier + B66 LTE 10 MHz 1 Carrier [2 Carrier] / Non-Contiguous**

Port	Mod	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge - 100 MHz	Low Edge - 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
0	QPSK	-20.759	-24.063	-33.682	-24.757	-27.069	-29.780	-28.245
	16QAM	-20.924	-23.749	-32.430	-24.777	-26.756	-30.537	-27.993
	64QAM	-22.356	-24.074	-33.071	-24.672	-26.861	-30.308	-27.477
	256QAM	-21.570	-22.673	-33.321	-24.898	-26.642	-29.491	-28.954
1	QPSK	-22.037	-23.796	-34.180	-24.143	-26.723	-30.371	-27.948
	16QAM	-21.615	-25.094	-34.146	-24.226	-26.907	-30.540	-29.171
	64QAM	-21.405	-24.545	-33.164	-24.054	-26.594	-30.441	-28.514
	256QAM	-20.275	-22.830	-33.761	-24.197	-26.653	-30.462	-28.642
2	QPSK	-21.304	-25.809	-32.234	-24.572	-26.874	-30.495	-28.450
	16QAM	-20.242	-25.879	-33.998	-24.496	-26.537	-30.730	-28.617
	64QAM	-21.094	-26.260	-33.130	-24.554	-26.891	-30.176	-28.488
	256QAM	-22.103	-24.332	-33.933	-24.467	-26.685	-30.607	-28.712
3	QPSK	-20.971	-24.247	-33.829	-25.064	-26.220	-29.821	-28.923
	16QAM	-22.389	-23.319	-33.236	-24.788	-25.974	-30.402	-28.566
	64QAM	-19.901	-23.764	-33.041	-25.027	-25.896	-30.672	-28.874
	256QAM	-22.046	-24.757	-34.258	-24.906	-25.750	-29.591	-28.570

**B66 LTE 10 MHz & NB-IoT 1 Carrier + B66 LTE 10 MHz 1 Carrier [2 Carrier] / Non-Contiguous**

Port	Mod	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge - 100 MHz	Low Edge - 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
0	QPSK	-20.879	-23.828	-32.239	-25.218	-26.771	-29.772	-28.054
	16QAM	-20.298	-24.950	-33.353	-25.512	-26.916	-29.756	-28.695
	64QAM	-21.132	-24.289	-33.731	-25.165	-26.839	-30.244	-28.674
	256QAM	-22.035	-24.196	-33.701	-25.537	-26.599	-30.468	-27.258
1	QPSK	-20.135	-23.393	-34.071	-25.008	-26.560	-29.993	-28.762
	16QAM	-21.395	-25.052	-33.582	-24.571	-26.898	-30.372	-28.327
	64QAM	-20.776	-23.377	-34.145	-24.428	-26.907	-30.081	-28.388
	256QAM	-20.882	-25.188	-33.816	-24.530	-26.684	-29.710	-28.173
2	QPSK	-20.593	-25.792	-33.018	-24.505	-26.841	-30.760	-28.241
	16QAM	-20.242	-25.406	-33.766	-24.910	-26.547	-30.388	-28.830
	64QAM	-20.567	-24.250	-33.175	-24.336	-26.546	-29.364	-28.459
	256QAM	-21.858	-25.681	-32.756	-24.391	-26.851	-30.429	-28.101
3	QPSK	-21.803	-25.212	-34.381	-25.892	-25.449	-30.801	-28.317
	16QAM	-20.320	-23.741	-34.610	-25.727	-25.758	-30.652	-28.505
	64QAM	-20.617	-24.799	-34.365	-25.498	-25.581	-29.122	-28.136
	256QAM	-21.133	-24.845	-33.116	-25.731	-26.049	-31.087	-27.763

**B66 LTE 10 MHz & NB-IoT 1 Carrier + B66 LTE 10 MHz & NB-IoT 1 Carrier [2 Carrier] / Non-Contiguous**

Port	Mod	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge - 100 MHz	Low Edge - 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
0	QPSK	-21.654	-25.147	-34.039	-25.582	-26.977	-30.157	-28.183
	16QAM	-21.041	-23.417	-32.148	-25.655	-25.960	-30.317	-28.966
	64QAM	-20.096	-24.389	-32.729	-25.908	-25.803	-30.039	-28.523
	256QAM	-21.201	-23.915	-33.345	-25.701	-25.567	-30.501	-28.642
1	QPSK	-21.366	-24.070	-34.455	-24.929	-26.947	-30.444	-28.678
	16QAM	-20.195	-24.889	-34.201	-25.064	-26.313	-30.145	-27.482
	64QAM	-20.217	-25.314	-33.919	-25.055	-25.006	-30.428	-28.164
	256QAM	-20.355	-26.142	-33.536	-25.020	-26.864	-30.711	-27.943
2	QPSK	-20.287	-26.214	-34.424	-24.615	-26.117	-30.145	-28.173
	16QAM	-20.120	-25.300	-33.977	-25.053	-24.338	-30.944	-28.263
	64QAM	-20.586	-25.518	-33.968	-25.086	-25.870	-30.871	-28.501
	256QAM	-21.324	-25.308	-34.002	-24.940	-25.094	-30.416	-28.704
3	QPSK	-20.009	-25.402	-32.753	-26.113	-24.185	-30.962	-28.579
	16QAM	-20.196	-24.387	-33.773	-25.494	-26.144	-30.834	-28.153
	64QAM	-20.078	-25.550	-33.602	-25.918	-26.284	-29.558	-28.020
	256QAM	-19.943	-25.352	-34.119	-26.038	-26.435	-30.533	-28.451

**B25 LTE 5 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier [3 Carrier] (1C+2C) / Non-Contiguous**

Port	Mod	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge - 100 MHz	Low Edge - 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
0	QPSK	-25.980	-20.615	-37.716	-25.604	-28.097	-28.154	-29.855
	16QAM	-25.195	-21.390	-35.764	-25.889	-28.161	-28.194	-31.313
	64QAM	-25.621	-21.486	-38.492	-25.621	-27.591	-27.869	-28.994
	256QAM	-25.389	-20.679	-37.860	-26.123	-27.413	-27.986	-30.463
1	QPSK	-24.546	-26.774	-36.777	-23.345	-28.374	-26.873	-31.094
	16QAM	-23.699	-26.905	-36.404	-22.612	-27.890	-27.562	-29.026
	64QAM	-24.268	-27.677	-34.426	-22.973	-28.257	-27.521	-30.298
	256QAM	-23.137	-27.236	-37.857	-23.184	-27.612	-26.668	-29.691
2	QPSK	-25.373	-29.275	-37.607	-26.276	-30.063	-28.017	-30.509
	16QAM	-24.894	-29.765	-39.170	-25.934	-30.597	-28.856	-31.049
	64QAM	-25.017	-30.156	-39.141	-26.149	-30.722	-28.255	-30.568
	256QAM	-25.898	-30.252	-37.359	-26.072	-30.659	-29.083	-30.739
3	QPSK	-25.092	-28.050	-37.208	-25.478	-28.313	-28.311	-28.860
	16QAM	-24.419	-28.631	-36.906	-25.663	-27.873	-28.543	-29.903
	64QAM	-24.908	-28.077	-37.333	-26.055	-27.741	-27.945	-29.664
	256QAM	-24.959	-28.431	-37.177	-25.766	-27.577	-27.743	-30.832

**B25 LTE 20 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier [3 Carrier] (2C+1C) / Non-Contiguous**

Port	Mod	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge - 100 MHz	Low Edge - 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
0	QPSK	-26.720	-21.794	-38.106	-30.010	-27.312	-31.335	-30.597
	16QAM	-26.593	-21.390	-39.430	-29.862	-27.292	-31.463	-29.900
	64QAM	-27.760	-22.351	-38.332	-30.081	-27.401	-31.444	-30.932
	256QAM	-27.366	-22.067	-36.459	-29.867	-27.163	-31.123	-30.051
1	QPSK	-25.397	-27.970	-34.402	-29.260	-26.691	-31.053	-29.557
	16QAM	-25.182	-28.314	-36.070	-29.035	-27.000	-31.310	-29.474
	64QAM	-23.892	-28.397	-36.649	-29.191	-26.795	-30.713	-28.690
	256QAM	-25.286	-27.622	-35.089	-29.154	-27.228	-30.106	-31.479
2	QPSK	-27.837	-31.305	-37.884	-29.922	-28.128	-32.012	-30.549
	16QAM	-27.343	-31.500	-38.071	-29.422	-28.785	-31.279	-29.940
	64QAM	-27.411	-31.125	-36.673	-29.720	-28.542	-32.207	-26.174
	256QAM	-27.764	-31.058	-39.022	-29.683	-28.642	-30.585	-29.643
3	QPSK	-25.892	-28.880	-37.415	-29.740	-27.427	-31.055	-30.339
	16QAM	-26.131	-29.150	-36.294	-29.398	-27.874	-31.658	-29.448
	64QAM	-25.909	-28.389	-37.801	-29.611	-27.434	-31.458	-29.763
	256QAM	-26.144	-28.914	-37.264	-29.663	-27.615	-30.989	-29.947

**B25 LTE 5 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz & NB-IoT 1 Carrier [3 Carrier] (1C+2C) / Non-Contiguous**

Port	Mod	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge - 100 MHz	Low Edge - 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
0	QPSK	-23.802	-21.707	-38.085	-26.646	-27.774	-28.593	-28.622
	16QAM	-22.483	-21.227	-38.267	-26.278	-28.226	-28.284	-30.006
	64QAM	-24.765	-20.852	-37.533	-26.450	-28.312	-28.474	-30.033
	256QAM	-25.683	-22.422	-37.775	-26.175	-27.858	-28.894	-29.720
1	QPSK	-20.072	-24.981	-36.142	-23.551	-28.449	-28.975	-31.077
	16QAM	-19.977	-23.364	-37.531	-23.604	-28.522	-28.035	-29.400
	64QAM	-20.111	-23.653	-35.761	-23.466	-28.034	-28.048	-28.010
	256QAM	-20.372	-24.465	-35.588	-23.383	-28.662	-27.263	-30.692
2	QPSK	-20.337	-27.080	-38.579	-25.877	-30.746	-28.962	-30.665
	16QAM	-20.051	-25.071	-38.210	-25.962	-30.458	-29.371	-30.054
	64QAM	-21.087	-26.693	-37.913	-26.270	-30.298	-28.716	-28.910
	256QAM	-20.106	-21.626	-37.964	-26.555	-30.492	-28.651	-31.475
3	QPSK	-19.874	-22.899	-37.209	-26.646	-28.180	-27.468	-31.525
	16QAM	-22.290	-23.380	-37.639	-26.361	-28.067	-28.988	-30.324
	64QAM	-20.360	-22.881	-38.180	-26.288	-27.973	-28.410	-31.124
	256QAM	-20.528	-22.460	-36.045	-26.144	-27.946	-28.668	-28.873

**B25 LTE 5 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz & NB-IoT 1 Carrier [3 Carrier] (2C+1C) / Non-Contiguous**

Port	Mod	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge - 100 MHz	Low Edge - 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
0	QPSK	-22.788	-24.279	-36.062	-25.451	-27.173	-29.168	-30.196
	16QAM	-24.402	-23.307	-36.483	-25.114	-27.494	-28.733	-28.091
	64QAM	-25.415	-23.383	-38.386	-26.185	-27.574	-29.225	-30.897
	256QAM	-23.895	-23.074	-37.013	-25.811	-27.689	-28.541	-30.853
1	QPSK	-23.023	-27.926	-34.772	-21.581	-29.118	-28.443	-30.420
	16QAM	-22.066	-26.491	-32.006	-21.402	-28.723	-27.723	-30.233
	64QAM	-21.398	-28.490	-32.525	-20.855	-29.079	-27.847	-28.314
	256QAM	-21.738	-27.351	-33.939	-21.671	-28.997	-27.630	-28.939
2	QPSK	-22.606	-28.746	-38.387	-25.780	-29.879	-30.034	-30.155
	16QAM	-23.977	-30.484	-39.450	-23.642	-30.087	-30.304	-30.635
	64QAM	-20.552	-29.774	-38.980	-25.440	-29.955	-30.325	-29.035
	256QAM	-24.521	-30.437	-37.876	-24.916	-29.443	-29.107	-29.022
3	QPSK	-21.152	-26.766	-34.851	-24.594	-27.312	-28.083	-30.104
	16QAM	-22.566	-27.535	-35.340	-22.919	-27.106	-28.038	-30.996
	64QAM	-21.907	-28.307	-35.506	-24.175	-26.968	-29.381	-31.070
	256QAM	-21.688	-26.847	-35.423	-24.960	-27.291	-27.745	-29.922



**B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier [3 Carrier] (1C+2C) / Non-Contiguous**

Port	Mod	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge - 100 MHz	Low Edge - 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
0	QPSK	-29.591	-19.807	-38.928	-28.718	-30.413	-29.630	-32.282
	16QAM	-28.655	-19.801	-38.804	-28.509	-30.648	-30.516	-32.759
	64QAM	-29.796	-20.042	-38.121	-29.582	-30.755	-30.715	-33.338
	256QAM	-29.654	-20.481	-38.536	-29.049	-30.687	-29.384	-31.506
1	QPSK	-28.139	-27.771	-39.440	-25.846	-29.453	-29.000	-30.726
	16QAM	-25.605	-28.452	-38.331	-26.482	-30.082	-30.433	-31.333
	64QAM	-27.901	-27.573	-38.495	-26.304	-29.525	-30.154	-29.403
	256QAM	-27.778	-28.112	-38.226	-24.895	-29.135	-29.931	-31.576
2	QPSK	-30.462	-29.949	-39.432	-27.702	-29.170	-30.621	-30.160
	16QAM	-29.477	-29.791	-38.941	-27.618	-29.006	-30.160	-28.381
	64QAM	-30.498	-30.037	-40.237	-27.675	-28.178	-30.167	-29.460
	256QAM	-29.945	-30.268	-39.642	-27.750	-28.633	-30.226	-30.967
3	QPSK	-27.923	-28.962	-38.782	-26.724	-31.156	-30.127	-30.296
	16QAM	-27.246	-27.622	-38.852	-27.292	-31.154	-29.735	-30.355
	64QAM	-28.209	-28.510	-39.212	-28.058	-30.766	-29.982	-27.641
	256QAM	-28.554	-28.845	-39.475	-27.585	-31.174	-29.556	-30.493

**B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier [3 Carrier] (2C+1C) / Non-Contiguous**

Port	Mod	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge - 100 MHz	Low Edge - 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
0	QPSK	-29.668	-20.569	-36.331	-28.333	-28.685	-31.911	-30.425
	16QAM	-29.541	-21.486	-35.849	-27.448	-28.260	-30.559	-30.616
	64QAM	-30.362	-20.255	-35.669	-27.724	-28.766	-30.526	-31.289
	256QAM	-30.114	-21.207	-35.380	-27.148	-28.308	-31.511	-31.225
1	QPSK	-27.918	-28.305	-34.226	-24.478	-27.949	-30.420	-29.637
	16QAM	-25.765	-27.973	-34.375	-24.395	-27.989	-31.540	-31.027
	64QAM	-28.280	-27.636	-33.824	-24.111	-27.721	-30.903	-30.254
	256QAM	-28.200	-28.833	-34.011	-23.389	-27.308	-31.570	-30.463
2	QPSK	-30.230	-29.320	-36.490	-26.694	-29.507	-29.929	-31.052
	16QAM	-29.515	-30.475	-35.459	-25.890	-29.232	-31.749	-30.682
	64QAM	-30.023	-30.463	-36.132	-26.275	-29.191	-31.171	-30.364
	256QAM	-29.914	-30.052	-35.389	-25.948	-29.731	-31.500	-31.209
3	QPSK	-27.586	-29.529	-35.535	-27.571	-28.222	-29.982	-29.208
	16QAM	-25.680	-28.861	-35.827	-26.934	-28.233	-31.051	-29.361
	64QAM	-29.150	-26.649	-33.251	-26.704	-28.375	-30.487	-31.231
	256QAM	-28.694	-29.114	-34.318	-26.982	-28.121	-31.367	-29.402

**B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 20 MHz & NB-IoT 1 Carrier [3 Carrier] (1C+2C) / Non-Contiguous**

Port	Mod	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge - 100 MHz	Low Edge - 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
0	QPSK	-25.550	-20.333	-37.116	-28.877	-30.676	-30.747	-30.868
	16QAM	-22.126	-20.458	-38.023	-29.106	-30.811	-31.063	-31.132
	64QAM	-25.961	-20.435	-36.879	-28.794	-30.885	-29.993	-30.847
	256QAM	-24.836	-20.703	-39.130	-29.256	-30.180	-30.806	-29.322
1	QPSK	-23.295	-28.604	-38.769	-24.567	-29.305	-30.280	-30.014
	16QAM	-21.013	-28.537	-38.664	-24.955	-28.976	-30.872	-29.709
	64QAM	-20.988	-29.276	-38.407	-25.122	-29.315	-29.648	-30.788
	256QAM	-24.503	-29.844	-39.444	-25.327	-29.403	-30.740	-30.783
2	QPSK	-23.115	-29.675	-39.857	-28.134	-28.434	-30.497	-29.876
	16QAM	-21.371	-29.391	-39.681	-28.072	-28.631	-30.709	-30.394
	64QAM	-24.632	-29.345	-39.710	-28.531	-28.757	-30.486	-30.472
	256QAM	-25.030	-31.726	-38.131	-28.207	-28.730	-31.015	-30.341
3	QPSK	-21.791	-28.769	-37.437	-28.872	-30.995	-30.935	-28.724
	16QAM	-21.183	-27.400	-38.006	-28.461	-30.737	-30.322	-29.530
	64QAM	-22.370	-29.791	-39.998	-28.295	-31.104	-31.148	-31.256
	256QAM	-23.997	-28.261	-37.367	-28.345	-31.229	-30.072	-30.105

**B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 20 MHz & NB-IoT 1 Carrier [3 Carrier] (2C+1C) / Non-Contiguous**

Port	Mod	Measured Level (dBm)						
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge - 100 MHz	Low Edge - 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
0	QPSK	-23.669	-21.103	-36.024	-26.939	-28.765	-31.612	-31.229
	16QAM	-26.500	-20.989	-35.738	-27.575	-28.611	-31.059	-29.589
	64QAM	-26.319	-20.493	-36.551	-27.870	-28.691	-31.740	-30.777
	256QAM	-26.314	-20.620	-36.076	-27.842	-28.409	-31.335	-30.817
1	QPSK	-23.299	-28.433	-35.370	-24.674	-28.826	-31.558	-30.285
	16QAM	-24.493	-29.365	-34.874	-22.836	-28.140	-30.970	-30.987
	64QAM	-22.929	-29.010	-34.841	-23.234	-28.807	-30.816	-29.929
	256QAM	-24.386	-28.637	-33.408	-24.030	-28.509	-31.392	-30.153
2	QPSK	-28.302	-31.948	-36.834	-25.903	-30.189	-30.682	-30.881
	16QAM	-23.361	-31.140	-34.270	-26.305	-29.903	-32.238	-31.217
	64QAM	-27.514	-31.442	-35.560	-27.504	-30.088	-32.795	-31.751
	256QAM	-25.328	-31.557	-34.873	-27.273	-30.046	-32.951	-30.695
3	QPSK	-25.441	-29.466	-33.948	-26.409	-28.898	-31.205	-31.202
	16QAM	-25.030	-28.968	-34.720	-26.555	-28.934	-31.359	-31.618
	64QAM	-25.981	-29.534	-35.623	-27.193	-28.858	-31.666	-28.199
	256QAM	-22.058	-24.971	-34.397	-26.958	-29.010	-30.915	-29.845

## Inter band

## B25 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier [2 Carrier]\_Low

Port	Mod	Measured Level (dBm)							
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge - 100 MHz	Low Edge - 100 MHz ~ Low Edge	PCS High Edge ~ AWS Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
0	QPSK	-30.930	-24.412	-39.754	-32.325	-32.136	-32.933	-33.561	-28.405
	16QAM	-31.281	-24.808	-39.121	-33.871	-33.469	-32.324	-33.783	-30.302
	64QAM	-28.922	-24.703	-39.800	-32.024	-32.244	-34.248	-34.138	-32.088
	256QAM	-28.566	-24.788	-39.026	-32.291	-32.274	-33.977	-33.881	-29.775
1	QPSK	-29.313	-33.277	-38.579	-32.528	-32.244	-29.254	-32.459	-28.748
	16QAM	-26.979	-34.443	-40.787	-31.597	-32.970	-24.622	-33.635	-29.593
	64QAM	-28.460	-34.867	-38.942	-32.010	-32.948	-30.209	-32.364	-29.692
	256QAM	-28.681	-33.023	-39.761	-32.132	-31.983	-30.468	-33.934	-28.101
2	QPSK	-27.766	-36.704	-39.403	-31.790	-33.361	-29.228	-33.629	-30.052
	16QAM	-30.123	-36.503	-39.177	-31.751	-34.752	-29.181	-34.238	-29.447
	64QAM	-27.161	-36.756	-39.565	-32.327	-33.924	-27.815	-33.788	-31.438
	256QAM	-28.834	-36.432	-39.285	-32.294	-33.777	-28.432	-33.428	-30.560
3	QPSK	-27.796	-35.057	-40.720	-32.195	-33.105	-29.109	-31.123	-29.110
	16QAM	-27.610	-34.295	-40.223	-32.249	-32.956	-29.492	-33.353	-30.941
	64QAM	-27.571	-35.690	-40.282	-32.374	-32.078	-29.102	-32.435	-30.794
	256QAM	-26.551	-34.471	-39.458	-32.123	-32.914	-29.777	-33.356	-30.606

**B25 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier [2 Carrier]\_High**

Port	Mod	Measured Level (dBm)							
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge - 100 MHz	Low Edge - 100 MHz ~ Low Edge	PCS High Edge ~ AWS Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
0	QPSK	-29.287	-24.594	-36.690	-33.116	-27.763	-27.662	-30.466	-30.146
	16QAM	-31.178	-25.406	-37.624	-35.630	-25.904	-28.743	-31.830	-30.550
	64QAM	-28.539	-24.361	-40.068	-34.140	-27.892	-27.857	-32.463	-31.804
	256QAM	-31.134	-24.911	-38.012	-32.314	-27.480	-28.699	-30.131	-29.920
1	QPSK	-23.380	-30.538	-35.329	-30.488	-29.398	-28.830	-29.844	-31.149
	16QAM	-24.034	-30.983	-37.486	-30.464	-26.684	-29.324	-31.336	-30.722
	64QAM	-22.301	-32.797	-37.893	-31.817	-29.179	-29.079	-30.215	-30.476
	256QAM	-21.833	-31.470	-37.077	-30.993	-30.006	-29.016	-30.498	-29.417
2	QPSK	-22.803	-30.833	-37.228	-29.449	-28.072	-29.147	-29.989	-30.654
	16QAM	-23.887	-31.586	-38.459	-30.478	-27.445	-28.748	-32.858	-29.278
	64QAM	-26.224	-32.896	-35.921	-30.920	-28.930	-28.421	-32.580	-30.072
	256QAM	-23.379	-32.312	-37.551	-30.736	-28.637	-28.712	-31.804	-28.634
3	QPSK	-25.201	-35.960	-37.681	-33.993	-28.743	-26.959	-29.934	-29.061
	16QAM	-24.143	-32.326	-35.838	-34.805	-28.227	-27.668	-28.543	-30.889
	64QAM	-27.048	-35.883	-39.954	-34.253	-28.586	-27.561	-29.336	-30.272
	256QAM	-24.771	-36.098	-37.597	-34.278	-27.901	-28.373	-31.102	-30.058

**B25 LTE 10 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier [2 Carrier]\_Low**

Port	Mod	Measured Level (dBm)							
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge - 100 MHz	Low Edge - 100 MHz ~ Low Edge	PCS High Edge ~ AWS Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
0	QPSK	-26.830	-24.602	-40.035	-30.622	-32.494	-28.309	-31.622	-27.924
	16QAM	-27.224	-24.082	-40.927	-30.652	-32.508	-28.835	-30.613	-29.532
	64QAM	-28.333	-24.200	-40.672	-30.162	-33.068	-28.967	-29.815	-28.249
	256QAM	-26.745	-24.690	-40.302	-30.586	-33.363	-29.259	-30.285	-29.020
1	QPSK	-28.842	-32.209	-38.694	-30.144	-32.954	-29.084	-29.860	-31.025
	16QAM	-27.707	-32.296	-37.776	-29.984	-32.746	-27.662	-28.924	-31.626
	64QAM	-28.609	-32.134	-39.533	-30.027	-33.155	-28.133	-27.199	-30.848
	256QAM	-26.439	-32.338	-38.677	-30.970	-32.535	-27.989	-30.875	-28.420
2	QPSK	-30.704	-35.044	-40.775	-30.981	-33.693	-29.142	-31.451	-30.685
	16QAM	-29.071	-35.270	-40.121	-31.174	-33.151	-28.093	-31.352	-28.942
	64QAM	-29.208	-35.499	-40.231	-31.165	-33.273	-28.320	-32.385	-29.238
	256QAM	-30.012	-35.367	-40.223	-31.238	-33.792	-28.149	-31.474	-29.623
3	QPSK	-30.075	-33.906	-40.124	-31.829	-34.044	-31.700	-30.045	-29.779
	16QAM	-28.076	-33.308	-40.376	-30.985	-33.224	-29.868	-30.618	-29.769
	64QAM	-28.498	-34.701	-39.731	-32.110	-33.089	-29.904	-30.780	-30.330
	256QAM	-29.700	-34.918	-38.943	-31.849	-33.932	-30.406	-32.477	-31.584

**B25 LTE 10 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier [2 Carrier]\_High**

Port	Mod	Measured Level (dBm)							
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge - 100 MHz	Low Edge - 100 MHz ~ Low Edge	PCS High Edge ~ AWS Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
0	QPSK	-30.377	-24.661	-33.808	-36.256	-27.204	-33.866	-28.971	-30.328
	16QAM	-27.467	-25.372	-33.463	-36.430	-26.445	-34.176	-30.757	-29.840
	64QAM	-30.014	-24.594	-33.769	-37.227	-27.353	-33.833	-29.948	-29.782
	256QAM	-30.094	-25.049	-33.388	-36.504	-27.265	-33.497	-31.191	-31.785
1	QPSK	-26.650	-33.081	-30.700	-36.481	-26.818	-32.649	-30.774	-30.036
	16QAM	-27.619	-32.271	-32.381	-36.440	-26.366	-31.981	-31.205	-29.995
	64QAM	-30.137	-33.237	-32.469	-37.013	-27.855	-31.840	-30.636	-31.568
	256QAM	-28.772	-33.019	-31.729	-36.777	-27.355	-32.697	-29.652	-32.031
2	QPSK	-28.265	-36.545	-32.049	-36.944	-28.751	-32.330	-29.260	-27.875
	16QAM	-27.886	-35.274	-33.008	-36.563	-25.971	-32.716	-31.884	-29.576
	64QAM	-28.765	-36.118	-31.859	-36.044	-29.446	-31.837	-32.195	-30.498
	256QAM	-28.016	-35.956	-33.682	-36.802	-26.910	-32.320	-33.373	-30.806
3	QPSK	-27.595	-33.071	-32.857	-36.756	-27.044	-32.324	-29.729	-28.406
	16QAM	-27.578	-32.145	-31.204	-36.427	-27.678	-33.033	-29.955	-31.123
	64QAM	-29.042	-33.864	-33.825	-35.852	-27.816	-32.398	-30.618	-30.922
	256QAM	-26.605	-32.945	-31.212	-35.966	-27.608	-33.167	-30.132	-31.924



**B25 LTE 15 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier [2 Carrier]\_Low**

Port	Mod	Measured Level (dBm)							
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge - 100 MHz	Low Edge - 100 MHz ~ Low Edge	PCS High Edge ~ AWS Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
0	QPSK	-25.688	-23.910	-39.639	-29.925	-33.679	-31.612	-29.008	-30.719
	16QAM	-26.734	-23.806	-39.324	-30.220	-33.110	-31.992	-29.229	-29.550
	64QAM	-27.534	-23.773	-38.970	-29.901	-33.763	-31.203	-29.930	-29.176
	256QAM	-27.072	-23.533	-38.744	-30.450	-33.130	-31.252	-30.258	-31.464
1	QPSK	-25.330	-29.725	-38.412	-30.520	-32.538	-30.813	-28.527	-28.762
	16QAM	-26.341	-29.569	-38.338	-30.256	-33.302	-29.630	-28.713	-30.092
	64QAM	-26.188	-30.348	-38.448	-30.173	-32.365	-30.434	-28.280	-30.765
	256QAM	-26.635	-29.742	-37.513	-30.272	-31.702	-29.707	-29.169	-29.383
2	QPSK	-26.385	-33.563	-39.046	-30.789	-33.071	-31.162	-29.646	-29.250
	16QAM	-26.158	-32.778	-40.372	-30.382	-33.339	-31.956	-29.539	-30.864
	64QAM	-28.466	-33.412	-39.002	-30.850	-32.919	-31.840	-30.688	-31.397
	256QAM	-26.519	-32.776	-40.326	-30.273	-33.342	-31.049	-29.934	-28.613
3	QPSK	-26.681	-30.960	-38.969	-30.411	-33.402	-32.372	-29.081	-30.009
	16QAM	-25.753	-29.713	-39.815	-30.232	-32.900	-32.665	-29.995	-29.368
	64QAM	-26.700	-30.717	-39.221	-30.322	-33.123	-33.264	-29.606	-29.931
	256QAM	-26.698	-30.384	-39.059	-30.405	-33.389	-32.908	-28.936	-29.263

**B25 LTE 15 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier [2 Carrier]\_High**

Port	Mod	Measured Level (dBm)							
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge - 100 MHz	Low Edge - 100 MHz ~ Low Edge	PCS High Edge ~ AWS Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
0	QPSK	-26.471	-23.584	-31.563	-36.123	-26.907	-35.736	-29.053	-30.110
	16QAM	-27.208	-24.138	-31.775	-35.695	-25.353	-36.090	-31.754	-28.631
	64QAM	-27.374	-23.294	-32.024	-36.772	-26.946	-35.628	-29.267	-30.497
	256QAM	-27.051	-23.623	-32.125	-36.855	-26.561	-34.915	-30.116	-29.960
1	QPSK	-26.806	-31.490	-31.321	-36.277	-27.394	-35.327	-31.388	-29.362
	16QAM	-27.433	-30.350	-31.318	-35.779	-25.784	-36.038	-31.424	-29.985
	64QAM	-26.132	-30.489	-32.208	-36.840	-26.869	-35.586	-31.179	-30.345
	256QAM	-27.245	-30.347	-31.544	-36.115	-27.039	-36.330	-30.465	-30.545
2	QPSK	-28.737	-34.134	-31.855	-35.690	-25.905	-35.356	-30.765	-30.734
	16QAM	-27.427	-33.466	-32.098	-35.986	-26.540	-34.518	-31.881	-28.790
	64QAM	-29.166	-34.629	-33.575	-36.507	-26.834	-35.858	-31.697	-31.909
	256QAM	-30.026	-33.953	-32.523	-37.114	-25.923	-35.909	-31.243	-29.521
3	QPSK	-26.520	-30.889	-31.720	-36.287	-26.664	-36.255	-28.710	-30.374
	16QAM	-27.348	-30.683	-31.757	-36.051	-24.992	-35.353	-29.021	-29.752
	64QAM	-25.325	-30.657	-31.853	-35.689	-26.854	-35.755	-29.015	-28.467
	256QAM	-28.301	-30.333	-30.855	-35.625	-26.553	-35.901	-30.868	-29.257

**B25 LTE 20 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier [2 Carrier]\_Low**

Port	Mod	Measured Level (dBm)							
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge - 100 MHz	Low Edge - 100 MHz ~ Low Edge	PCS High Edge ~ AWS Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
0	QPSK	-27.185	-22.781	-38.314	-30.210	-32.115	-29.609	-28.122	-30.009
	16QAM	-25.869	-23.122	-37.646	-30.484	-31.912	-28.998	-28.658	-29.523
	64QAM	-26.675	-23.424	-37.804	-30.655	-32.096	-29.106	-26.879	-29.369
	256QAM	-24.977	-22.310	-37.290	-30.521	-33.281	-29.098	-28.357	-29.168
1	QPSK	-25.445	-28.240	-38.550	-29.964	-31.539	-28.594	-28.230	-29.607
	16QAM	-24.340	-29.077	-37.996	-30.250	-32.550	-28.448	-27.407	-29.820
	64QAM	-24.777	-28.275	-36.921	-29.965	-32.690	-28.664	-27.770	-28.297
	256QAM	-24.753	-28.244	-38.156	-30.485	-32.348	-28.287	-27.590	-30.382
2	QPSK	-25.873	-30.817	-38.281	-30.291	-30.444	-29.824	-29.522	-29.989
	16QAM	-25.633	-31.241	-38.928	-30.893	-33.132	-29.354	-29.380	-30.219
	64QAM	-26.588	-31.383	-39.376	-30.294	-33.391	-29.626	-27.654	-30.042
	256QAM	-26.326	-31.777	-39.880	-30.432	-33.789	-29.332	-27.892	-30.523
3	QPSK	-24.556	-28.720	-38.911	-30.598	-33.712	-30.609	-28.485	-30.695
	16QAM	-25.809	-29.336	-37.551	-30.639	-32.191	-29.988	-28.664	-29.891
	64QAM	-25.134	-28.695	-37.811	-30.463	-33.444	-30.719	-27.074	-30.469
	256QAM	-24.178	-29.539	-38.262	-30.265	-32.337	-30.850	-28.597	-29.931

**B25 LTE 20 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier [2 Carrier]\_High**

Port	Mod	Measured Level (dBm)							
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge - 100 MHz	Low Edge - 100 MHz ~ Low Edge	PCS High Edge ~ AWS Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
0	QPSK	-27.885	-24.171	-33.798	-36.161	-26.484	-35.658	-29.986	-31.090
	16QAM	-26.629	-24.986	-33.157	-35.809	-25.651	-36.089	-31.055	-28.655
	64QAM	-26.134	-23.951	-33.569	-35.624	-26.464	-35.865	-30.489	-30.924
	256QAM	-28.259	-23.466	-33.289	-36.568	-26.616	-35.973	-32.836	-30.793
1	QPSK	-26.042	-29.742	-31.861	-35.184	-26.835	-35.204	-30.419	-29.175
	16QAM	-25.906	-29.602	-32.586	-36.042	-25.765	-35.468	-31.388	-29.516
	64QAM	-25.351	-29.448	-33.403	-36.390	-26.943	-35.582	-31.696	-29.181
	256QAM	-24.610	-29.495	-33.118	-36.760	-26.428	-35.285	-30.747	-30.965
2	QPSK	-27.150	-32.935	-32.502	-36.155	-26.187	-35.258	-31.810	-29.940
	16QAM	-27.600	-32.421	-33.287	-36.396	-25.412	-36.064	-31.960	-30.412
	64QAM	-27.675	-31.540	-34.341	-36.416	-25.530	-34.955	-31.506	-29.265
	256QAM	-25.232	-32.352	-33.215	-35.646	-26.020	-35.488	-31.584	-29.607
3	QPSK	-25.119	-29.796	-32.456	-36.282	-25.264	-35.723	-29.196	-30.530
	16QAM	-23.713	-30.000	-33.444	-35.973	-24.504	-35.688	-31.292	-30.001
	64QAM	-28.207	-30.526	-33.162	-35.607	-26.051	-35.708	-30.864	-29.279
	256QAM	-26.017	-30.968	-33.090	-36.799	-26.321	-35.961	-31.864	-30.273

**B25 LTE 5 MHz 1 Carrier + B25 LTE 15 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier [4 Carrier]\_High**

Port	Mod	Measured Level (dBm)							
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge - 100 MHz	Low Edge - 100 MHz ~ Low Edge	PCS High Edge ~ AWS Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
0	QPSK	-27.204	-22.669	-35.555	-28.196	-26.068	-29.645	-30.444	-30.522
	16QAM	-26.368	-23.034	-35.756	-27.037	-24.388	-29.662	-31.164	-30.937
	64QAM	-27.473	-23.179	-35.383	-29.320	-26.455	-29.171	-31.608	-30.768
	256QAM	-27.603	-22.748	-35.463	-28.043	-26.707	-29.006	-31.715	-31.235
1	QPSK	-24.401	-28.001	-34.120	-25.109	-26.868	-27.718	-31.267	-29.681
	16QAM	-25.562	-26.818	-33.883	-24.095	-27.627	-27.563	-30.781	-29.457
	64QAM	-26.343	-27.643	-34.846	-25.082	-27.102	-28.606	-30.953	-29.863
	256QAM	-25.670	-27.356	-33.806	-25.148	-26.904	-27.955	-31.137	-30.285
2	QPSK	-27.374	-31.876	-35.822	-27.672	-26.203	-29.110	-30.672	-31.146
	16QAM	-27.259	-31.147	-34.557	-27.692	-25.776	-27.424	-31.297	-30.855
	64QAM	-26.245	-31.022	-35.154	-27.489	-26.608	-28.726	-32.079	-29.864
	256QAM	-26.156	-31.282	-35.388	-27.441	-25.996	-29.429	-30.525	-30.001
3	QPSK	-27.182	-28.773	-33.859	-31.164	-26.693	-29.426	-31.652	-29.996
	16QAM	-26.099	-29.731	-35.233	-31.240	-27.598	-30.282	-31.631	-30.207
	64QAM	-25.453	-28.439	-34.640	-31.034	-25.990	-30.421	-31.305	-30.831
	256QAM	-25.773	-28.643	-35.288	-31.229	-25.942	-29.998	-30.091	-30.226

**B25 LTE 5 MHz 1 Carrier + B25 LTE 15 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier [4 Carrier]\_Low**

Port	Mod	Measured Level (dBm)							
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge - 100 MHz	Low Edge - 100 MHz ~ Low Edge	PCS High Edge ~ AWS Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
0	QPSK	-26.169	-23.358	-34.707	-29.292	-33.443	-28.647	-31.868	-30.942
	16QAM	-24.531	-23.107	-35.076	-28.881	-33.318	-28.552	-30.481	-30.016
	64QAM	-26.753	-23.547	-34.184	-28.780	-32.349	-28.837	-31.552	-30.928
	256QAM	-25.604	-23.470	-34.516	-28.954	-32.002	-28.522	-31.198	-30.598
1	QPSK	-23.361	-26.649	-34.423	-24.681	-31.204	-24.181	-31.935	-28.625
	16QAM	-24.927	-28.185	-34.174	-25.212	-33.300	-26.489	-30.342	-29.667
	64QAM	-25.690	-28.076	-34.845	-24.935	-32.083	-24.553	-31.267	-28.810
	256QAM	-25.456	-28.822	-34.221	-25.111	-30.569	-24.196	-31.057	-30.227
2	QPSK	-27.047	-32.140	-36.007	-26.317	-33.946	-25.120	-32.347	-30.146
	16QAM	-28.931	-34.205	-36.526	-30.033	-33.516	-30.287	-33.340	-30.046
	64QAM	-26.941	-31.796	-34.980	-26.610	-34.063	-25.882	-32.006	-30.552
	256QAM	-25.354	-31.293	-35.430	-26.862	-32.372	-25.667	-32.810	-30.129
3	QPSK	-24.049	-29.278	-35.079	-31.492	-33.303	-29.905	-31.670	-31.187
	16QAM	-24.785	-29.676	-35.710	-31.485	-33.085	-30.694	-31.774	-29.547
	64QAM	-26.181	-29.797	-34.469	-31.117	-33.417	-29.836	-30.442	-28.591
	256QAM	-25.749	-29.084	-35.293	-31.464	-33.188	-29.244	-31.168	-31.069

**B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier [4 Carrier]\_High**

Port	Mod	Measured Level (dBm)							
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge - 100 MHz	Low Edge - 100 MHz ~ Low Edge	PCS High Edge ~ AWS Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
0	QPSK	-27.562	-23.158	-32.976	-27.503	-26.024	-27.880	-30.275	-30.527
	16QAM	-25.235	-24.419	-34.553	-26.151	-25.330	-28.574	-30.782	-29.322
	64QAM	-26.540	-22.741	-33.880	-27.789	-26.568	-28.264	-30.376	-31.399
	256QAM	-26.529	-23.657	-34.304	-27.303	-26.057	-28.478	-30.110	-29.637
1	QPSK	-24.781	-26.442	-32.725	-23.694	-27.340	-26.850	-29.706	-30.362
	16QAM	-24.694	-27.321	-33.239	-22.694	-25.619	-24.210	-29.548	-29.872
	64QAM	-23.466	-27.019	-34.196	-23.146	-26.911	-25.668	-30.085	-30.606
	256QAM	-23.414	-27.003	-33.851	-22.923	-26.860	-26.606	-29.406	-30.297
2	QPSK	-24.570	-30.842	-34.118	-26.044	-26.355	-28.121	-31.635	-29.403
	16QAM	-27.503	-30.224	-35.657	-26.247	-25.418	-27.180	-29.950	-30.428
	64QAM	-26.532	-30.081	-33.377	-26.434	-26.831	-28.355	-31.542	-29.888
	256QAM	-26.872	-30.725	-35.453	-25.961	-26.817	-28.405	-31.563	-29.534
3	QPSK	-25.684	-28.126	-35.484	-29.361	-26.904	-29.953	-30.668	-30.206
	16QAM	-25.038	-27.589	-34.918	-29.806	-25.554	-29.374	-30.937	-30.422
	64QAM	-25.257	-27.886	-34.347	-28.662	-27.160	-29.269	-31.381	-29.775
	256QAM	-26.034	-28.619	-35.835	-28.642	-27.736	-29.605	-31.341	-30.229

**B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier [4 Carrier]\_Low**

Port	Mod	Measured Level (dBm)							
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge - 100 MHz	Low Edge - 100 MHz ~ Low Edge	PCS High Edge ~ AWS Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
0	QPSK	-27.015	-23.196	-32.943	-26.153	-31.829	-27.927	-29.314	-30.298
	16QAM	-26.492	-22.423	-33.001	-25.522	-33.447	-26.681	-30.044	-30.348
	64QAM	-26.674	-23.459	-34.566	-26.318	-32.765	-27.074	-31.075	-30.039
	256QAM	-25.924	-22.729	-34.254	-27.643	-32.393	-27.708	-29.099	-30.050
1	QPSK	-24.634	-25.352	-33.862	-20.242	-32.552	-25.420	-29.604	-30.918
	16QAM	-23.876	-27.543	-32.998	-20.418	-32.380	-23.576	-30.083	-29.092
	64QAM	-25.169	-26.158	-34.088	-20.040	-32.461	-25.920	-27.970	-31.863
	256QAM	-23.360	-26.403	-32.550	-20.499	-32.064	-24.975	-28.650	-30.908
2	QPSK	-26.046	-29.785	-35.416	-25.970	-32.717	-26.500	-30.010	-29.110
	16QAM	-26.279	-30.982	-34.324	-25.420	-33.744	-26.168	-30.820	-30.280
	64QAM	-26.340	-30.259	-34.015	-25.639	-33.513	-25.739	-31.037	-30.442
	256QAM	-25.312	-30.674	-34.033	-25.175	-32.768	-26.748	-31.592	-28.974
3	QPSK	-26.123	-28.419	-32.498	-28.993	-32.774	-27.729	-29.873	-29.928
	16QAM	-24.608	-27.918	-33.387	-28.962	-31.698	-27.721	-30.820	-29.384
	64QAM	-24.562	-27.349	-34.342	-28.651	-32.115	-27.349	-30.938	-29.619
	256QAM	-25.016	-27.961	-31.834	-29.223	-32.619	-28.530	-30.504	-29.927



**B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B66 LTE 10 MHz 1 Carrier [4 Carrier]\_High**

Port	Mod	Measured Level (dBm)							
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge - 100 MHz	Low Edge - 100 MHz ~ Low Edge	PCS High Edge ~ AWS Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
0	QPSK	-25.495	-22.912	-33.857	-21.153	-29.411	-31.661	-29.756	-26.130
	16QAM	-25.268	-22.930	-32.084	-24.288	-29.253	-31.564	-30.666	-29.158
	64QAM	-25.621	-23.569	-33.175	-24.995	-29.844	-31.807	-31.251	-28.613
	256QAM	-25.518	-22.940	-32.943	-25.285	-29.411	-31.749	-30.052	-29.604
1	QPSK	-22.742	-26.022	-30.448	-20.193	-28.533	-26.048	-29.765	-28.731
	16QAM	-23.241	-26.261	-31.983	-20.826	-29.078	-27.318	-29.635	-28.804
	64QAM	-20.973	-26.160	-32.273	-20.824	-28.732	-25.548	-28.274	-29.264
	256QAM	-22.526	-26.489	-32.747	-20.661	-28.831	-25.904	-28.841	-28.358
2	QPSK	-25.299	-29.445	-33.105	-25.275	-28.497	-31.423	-31.419	-29.458
	16QAM	-25.732	-28.941	-32.791	-24.671	-28.496	-30.781	-30.919	-26.452
	64QAM	-25.825	-29.567	-32.899	-25.209	-27.877	-27.714	-30.797	-27.249
	256QAM	-24.763	-28.494	-33.593	-25.025	-28.675	-31.351	-31.131	-27.949
3	QPSK	-24.429	-26.387	-33.388	-29.623	-29.717	-31.068	-29.302	-29.462
	16QAM	-23.335	-27.983	-31.466	-28.965	-29.550	-30.782	-29.327	-28.839
	64QAM	-24.032	-27.213	-33.064	-28.500	-29.804	-31.421	-29.596	-26.973
	256QAM	-23.333	-27.223	-32.833	-28.570	-29.516	-31.142	-29.850	-28.548

**B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B66 LTE 10 MHz 1 Carrier [4 Carrier]\_Low**

Port	Mod	Measured Level (dBm)							
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge - 100 MHz	Low Edge - 100 MHz ~ Low Edge	PCS High Edge ~ AWS Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
0	QPSK	-25.634	-22.457	-30.948	-28.357	-30.667	-27.205	-30.910	-27.475
	16QAM	-24.111	-22.416	-30.604	-26.524	-30.100	-26.988	-30.533	-28.715
	64QAM	-24.841	-23.353	-30.203	-28.583	-30.193	-26.917	-29.965	-27.104
	256QAM	-24.788	-23.010	-30.061	-27.837	-29.981	-27.202	-30.598	-28.840
1	QPSK	-23.300	-25.837	-31.724	-20.407	-32.180	-24.331	-30.557	-28.647
	16QAM	-23.670	-27.005	-31.579	-20.759	-30.557	-26.685	-31.081	-28.629
	64QAM	-23.095	-27.412	-31.138	-20.821	-32.359	-24.354	-30.318	-29.236
	256QAM	-22.673	-26.794	-31.093	-20.821	-31.699	-24.887	-29.850	-29.016
2	QPSK	-25.869	-29.336	-30.797	-24.758	-31.133	-28.943	-32.163	-28.766
	16QAM	-25.086	-27.260	-32.323	-25.502	-31.076	-28.954	-32.218	-29.736
	64QAM	-26.063	-29.436	-31.835	-25.000	-31.194	-28.923	-31.554	-27.630
	256QAM	-25.771	-28.917	-32.737	-25.243	-30.505	-28.524	-30.574	-28.911
3	QPSK	-23.436	-27.757	-30.527	-27.169	-30.636	-29.581	-29.869	-29.837
	16QAM	-23.307	-27.188	-31.103	-28.219	-30.997	-29.534	-31.095	-28.739
	64QAM	-23.383	-26.345	-31.036	-27.393	-30.594	-29.380	-30.318	-28.512
	256QAM	-22.962	-26.980	-30.676	-28.355	-31.024	-29.911	-30.903	-29.193

**B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier + B66 LTE 10 MHz 1 Carrier [5 Carrier]**

Port	Mod	Measured Level (dBm)							
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge - 100 MHz	Low Edge - 100 MHz ~ Low Edge	PCS High Edge ~ AWS Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
0	QPSK	-24.721	-23.078	-32.177	-27.017	-30.018	-26.781	-29.690	-28.405
	16QAM	-24.315	-22.478	-32.980	-27.162	-29.682	-27.538	-29.502	-29.507
	64QAM	-23.499	-23.247	-31.946	-28.636	-29.868	-27.739	-29.214	-28.939
	256QAM	-24.901	-23.923	-33.078	-27.718	-29.741	-27.251	-29.583	-28.175
1	QPSK	-22.937	-26.101	-33.082	-20.026	-29.294	-23.621	-29.133	-29.501
	16QAM	-21.694	-26.066	-31.184	-20.853	-29.174	-26.192	-29.319	-27.522
	64QAM	-22.225	-26.381	-31.741	-21.131	-29.608	-23.748	-28.590	-27.111
	256QAM	-22.760	-25.132	-32.622	-20.671	-29.534	-22.878	-28.644	-29.463
2	QPSK	-25.168	-28.691	-32.606	-26.261	-29.155	-26.779	-29.966	-28.789
	16QAM	-22.699	-28.669	-32.787	-25.679	-28.921	-26.817	-28.533	-26.041
	64QAM	-25.035	-28.376	-32.983	-26.194	-28.945	-26.758	-29.149	-28.894
	256QAM	-24.916	-28.106	-33.143	-26.330	-28.946	-26.993	-28.158	-28.380
3	QPSK	-23.288	-26.416	-33.201	-30.312	-30.339	-27.871	-29.358	-28.254
	16QAM	-22.545	-26.567	-32.746	-29.518	-30.078	-27.290	-28.421	-29.664
	64QAM	-22.778	-26.881	-33.895	-29.773	-30.577	-28.065	-30.091	-28.471
	256QAM	-23.157	-26.006	-32.507	-29.993	-30.074	-28.100	-30.325	-26.928

**B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier + B66 LTE 20 MHz 1 Carrier [5 Carrier]**

Port	Mod	Measured Level (dBm)							
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge - 100 MHz	Low Edge - 100 MHz ~ Low Edge	PCS High Edge ~ AWS Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
0	QPSK	-25.058	-23.240	-31.680	-24.938	-30.744	-26.009	-26.119	-29.243
	16QAM	-22.943	-23.627	-31.388	-27.710	-30.466	-26.882	-26.473	-27.982
	64QAM	-23.966	-21.975	-31.638	-26.204	-30.626	-25.852	-25.319	-29.271
	256QAM	-25.108	-21.797	-31.990	-26.744	-30.745	-26.044	-26.863	-29.349
1	QPSK	-23.537	-25.127	-32.405	-20.189	-30.316	-25.766	-26.643	-29.918
	16QAM	-21.264	-25.714	-32.097	-20.452	-30.419	-24.319	-27.473	-29.291
	64QAM	-22.862	-25.498	-30.056	-20.683	-30.364	-26.277	-25.980	-28.680
	256QAM	-22.345	-25.212	-31.576	-20.343	-30.354	-25.751	-27.603	-25.786
2	QPSK	-25.564	-27.931	-32.763	-26.166	-29.978	-26.014	-28.470	-27.051
	16QAM	-25.114	-28.057	-31.589	-25.805	-30.056	-26.604	-28.307	-27.874
	64QAM	-26.510	-28.296	-31.933	-26.301	-30.149	-26.161	-28.501	-28.101
	256QAM	-25.216	-28.354	-31.723	-25.890	-29.986	-26.634	-27.466	-26.976
3	QPSK	-23.342	-25.555	-32.836	-29.568	-29.966	-27.403	-26.719	-28.163
	16QAM	-22.401	-25.881	-31.254	-29.321	-29.742	-27.595	-27.139	-28.105
	64QAM	-22.316	-25.978	-32.558	-29.199	-29.707	-27.424	-27.454	-28.489
	256QAM	-23.383	-25.983	-32.336	-29.773	-29.513	-27.410	-27.516	-28.442

**B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 5 MHz 1 Carrier + B66 LTE 10 MHz 1 Carrier + B66 LTE 10 MHz 1 Carrier [5 Carrier]**

Port	Mod	Measured Level (dBm)							
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge - 100 MHz	Low Edge - 100 MHz ~ Low Edge	PCS High Edge ~ AWS Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
0	QPSK	-23.533	-22.990	-32.831	-26.638	-30.797	-27.855	-27.433	-29.070
	16QAM	-23.124	-22.221	-32.615	-27.404	-29.845	-27.801	-27.313	-27.816
	64QAM	-24.446	-22.725	-32.312	-26.194	-30.191	-28.014	-26.693	-28.816
	256QAM	-22.618	-22.495	-31.507	-26.950	-30.100	-27.821	-28.346	-28.129
1	QPSK	-21.452	-25.212	-31.940	-20.552	-30.044	-24.173	-27.348	-28.424
	16QAM	-20.966	-25.348	-31.145	-20.164	-29.894	-21.774	-27.946	-29.408
	64QAM	-22.020	-25.471	-32.095	-20.258	-29.722	-23.589	-27.100	-27.828
	256QAM	-22.478	-25.625	-30.109	-21.012	-29.608	-23.281	-26.538	-28.530
2	QPSK	-24.127	-26.986	-32.533	-26.453	-29.787	-27.498	-26.066	-29.467
	16QAM	-23.989	-28.005	-33.105	-26.362	-29.256	-27.738	-27.644	-28.681
	64QAM	-23.679	-27.331	-32.084	-26.161	-29.352	-27.757	-26.696	-28.744
	256QAM	-24.105	-28.095	-32.312	-26.155	-29.487	-27.476	-27.369	-28.158
3	QPSK	-22.206	-26.719	-32.152	-29.784	-30.555	-28.463	-27.807	-28.150
	16QAM	-21.857	-25.331	-31.787	-29.104	-30.680	-28.623	-28.124	-29.012
	64QAM	-23.089	-26.428	-32.363	-30.033	-30.636	-28.368	-28.182	-28.736
	256QAM	-21.984	-26.234	-32.339	-29.494	-31.079	-28.492	-28.012	-26.823

**B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier + B66 LTE 10 MHz 1 Carrier [5 Carrier]**

Port	Mod	Measured Level (dBm)							
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge - 100 MHz	Low Edge - 100 MHz ~ Low Edge	PCS High Edge ~ AWS Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
0	QPSK	-26.019	-22.567	-31.372	-23.028	-28.102	-29.345	-29.402	-28.394
	16QAM	-25.634	-22.404	-32.915	-25.526	-28.167	-28.958	-29.198	-28.895
	64QAM	-25.326	-21.931	-33.137	-28.029	-28.515	-29.227	-30.475	-27.538
	256QAM	-25.169	-22.295	-33.649	-28.501	-28.512	-29.140	-29.620	-28.709
1	QPSK	-22.757	-27.066	-33.552	-22.601	-28.566	-27.607	-29.489	-28.283
	16QAM	-22.897	-26.523	-33.880	-21.647	-28.540	-28.404	-29.622	-29.025
	64QAM	-23.162	-26.998	-33.532	-21.775	-28.405	-27.407	-28.939	-28.352
	256QAM	-21.345	-26.796	-33.656	-21.670	-28.882	-28.273	-29.110	-26.415
2	QPSK	-25.911	-29.302	-33.063	-25.583	-30.279	-28.041	-30.195	-28.772
	16QAM	-25.165	-29.387	-32.430	-25.426	-30.061	-27.929	-29.732	-28.530
	64QAM	-26.390	-29.303	-33.217	-25.370	-29.787	-27.694	-29.808	-28.493
	256QAM	-25.403	-28.714	-33.247	-25.379	-30.190	-27.359	-30.327	-28.029
3	QPSK	-23.294	-27.430	-33.376	-28.931	-28.527	-28.811	-30.324	-27.666
	16QAM	-23.738	-27.733	-34.408	-29.061	-28.749	-29.523	-29.960	-27.436
	64QAM	-23.379	-27.848	-32.494	-29.590	-28.654	-29.286	-28.765	-27.618
	256QAM	-23.036	-28.615	-32.558	-29.156	-28.964	-29.198	-30.131	-29.333

**B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier + B66 LTE 20 MHz 1 Carrier [5 Carrier]**

Port	Mod	Measured Level (dBm)							
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge - 100 MHz	Low Edge - 100 MHz ~ Low Edge	PCS High Edge ~ AWS Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
0	QPSK	-23.495	-21.490	-31.900	-25.675	-30.883	-27.565	-27.356	-28.630
	16QAM	-22.324	-23.288	-31.699	-24.790	-31.091	-27.519	-27.145	-28.503
	64QAM	-24.414	-22.220	-32.150	-24.725	-31.503	-27.904	-27.519	-29.847
	256QAM	-25.093	-21.730	-32.096	-24.838	-31.010	-27.087	-27.936	-28.570
1	QPSK	-23.577	-26.254	-32.358	-21.026	-30.739	-26.998	-27.766	-28.745
	16QAM	-20.224	-26.240	-32.032	-21.426	-31.463	-26.672	-27.865	-29.745
	64QAM	-22.325	-25.661	-31.994	-20.604	-31.597	-27.006	-27.082	-27.726
	256QAM	-23.736	-26.350	-32.013	-21.074	-31.635	-27.240	-28.205	-27.412
2	QPSK	-25.502	-28.294	-32.242	-24.277	-31.535	-26.289	-28.422	-28.366
	16QAM	-24.856	-28.474	-33.603	-26.535	-31.728	-27.950	-28.144	-29.123
	64QAM	-24.949	-28.390	-34.007	-24.357	-31.374	-26.964	-28.103	-28.665
	256QAM	-25.157	-29.098	-33.159	-24.894	-31.493	-26.952	-28.462	-28.962
3	QPSK	-24.297	-26.751	-33.417	-28.416	-30.481	-28.642	-28.494	-26.967
	16QAM	-23.964	-27.547	-32.104	-30.360	-31.215	-29.638	-28.081	-29.604
	64QAM	-23.953	-27.495	-32.664	-27.644	-30.848	-29.161	-28.335	-28.010
	256QAM	-23.742	-26.965	-32.323	-28.004	-31.111	-28.471	-27.702	-26.612

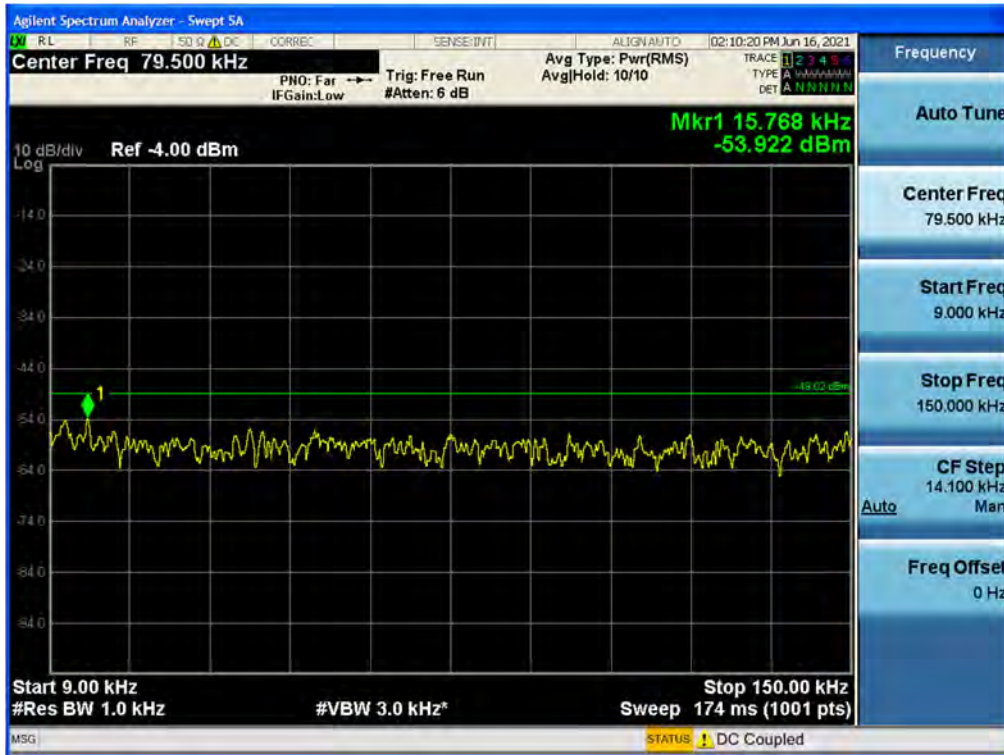
**B25 LTE 5 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B25 LTE 20 MHz 1 Carrier + B66 LTE 10 MHz 1 Carrier + B66 LTE 10 MHz 1 Carrier [5 Carrier]**

Port	Mod	Measured Level (dBm)							
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge - 100 MHz	Low Edge - 100 MHz ~ Low Edge	PCS High Edge ~ AWS Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
0	QPSK	-23.324	-22.098	-31.553	-25.023	-29.401	-30.006	-29.367	-29.495
	16QAM	-23.481	-23.224	-32.284	-23.987	-29.141	-30.018	-29.412	-26.714
	64QAM	-24.635	-21.627	-32.507	-24.603	-29.341	-30.063	-29.561	-28.668
	256QAM	-24.928	-22.368	-31.844	-25.603	-29.546	-30.290	-28.432	-28.090
1	QPSK	-22.243	-25.928	-30.844	-20.564	-29.066	-29.645	-28.755	-27.162
	16QAM	-21.807	-25.521	-31.316	-20.045	-29.188	-29.576	-29.203	-28.270
	64QAM	-22.735	-26.337	-30.883	-20.354	-29.145	-29.806	-29.454	-28.501
	256QAM	-22.049	-26.112	-31.100	-20.917	-29.238	-29.661	-28.853	-27.564
2	QPSK	-23.929	-28.456	-31.666	-25.113	-30.700	-30.919	-28.891	-27.690
	16QAM	-24.507	-28.023	-30.054	-25.302	-30.894	-30.959	-28.092	-28.794
	64QAM	-23.402	-27.647	-31.598	-24.670	-30.607	-30.769	-29.940	-29.357
	256QAM	-24.465	-28.489	-31.505	-24.845	-30.598	-30.930	-28.564	-28.288
3	QPSK	-22.596	-26.184	-31.607	-28.138	-28.884	-28.899	-29.072	-29.049
	16QAM	-21.783	-26.868	-31.197	-28.007	-29.069	-29.276	-28.559	-28.425
	64QAM	-21.963	-26.533	-32.494	-28.260	-29.194	-28.440	-28.564	-29.445
	256QAM	-22.455	-26.576	-31.897	-28.121	-29.300	-29.145	-28.590	-26.339

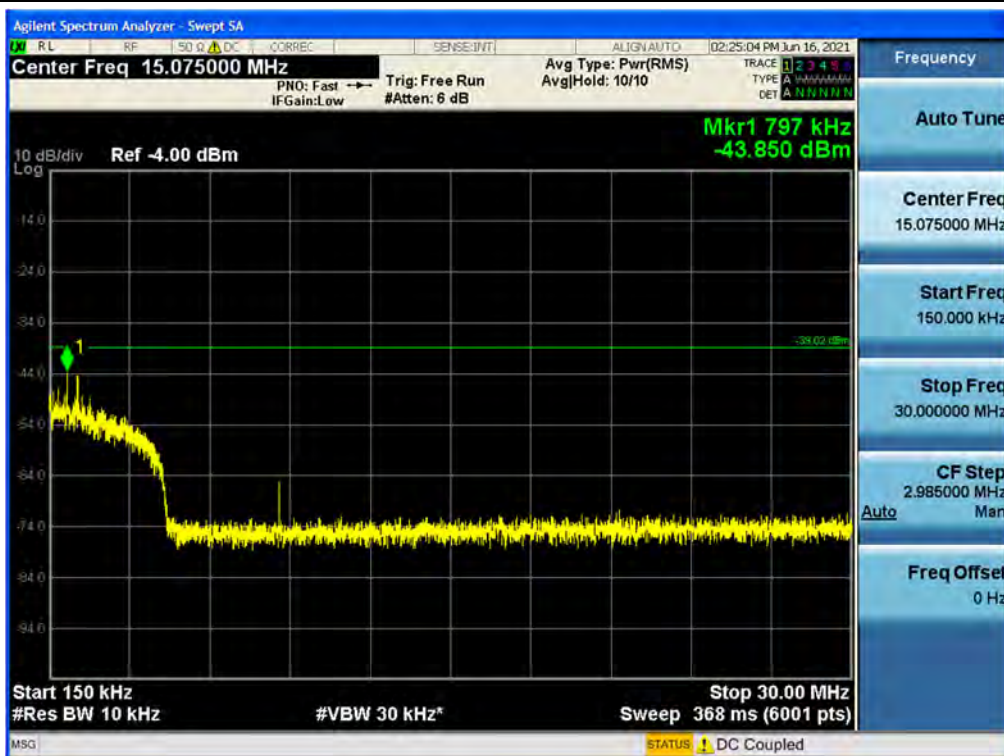


Plot Data of Spurious Unwanted Emissions

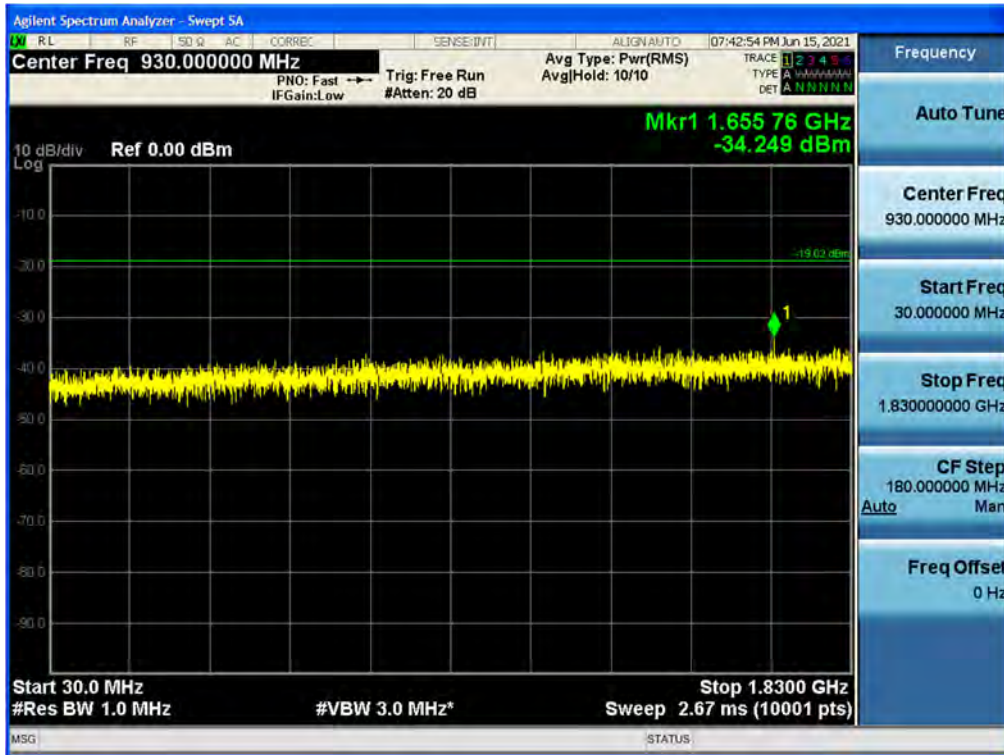
Antenna 1 / 9 kHz ~ 150 kHz / B25 LTE 5 MHz 1 Carrier / 16QAM / High



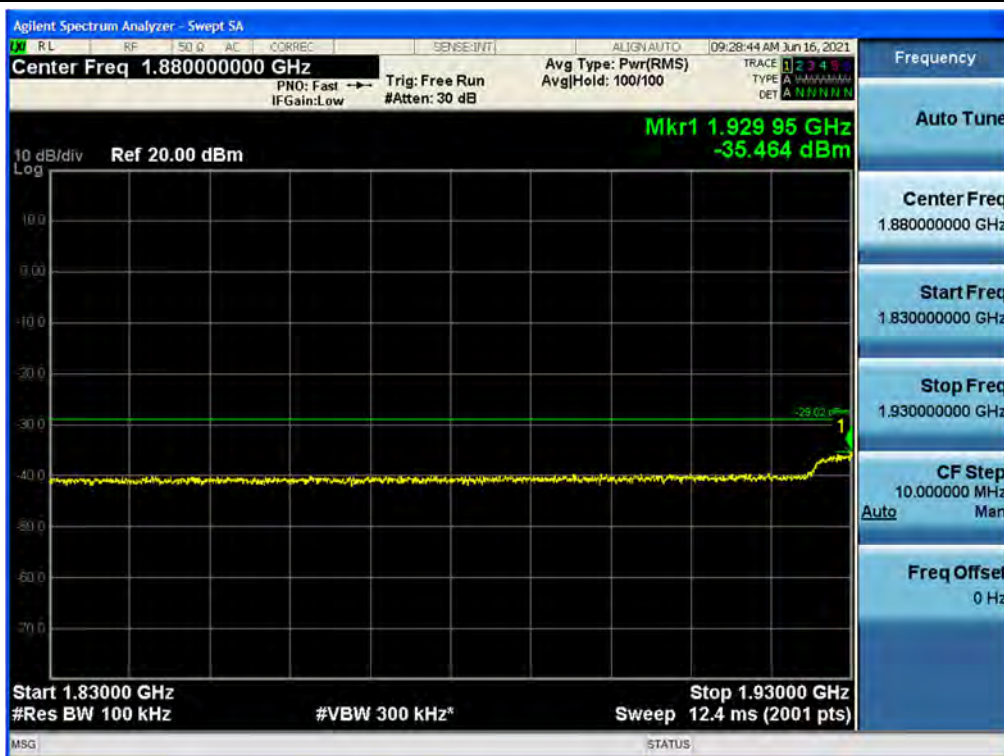
Antenna 0 / 150 kHz ~ 30 MHz / B25 LTE 5 MHz 1 Carrier / 256QAM / High



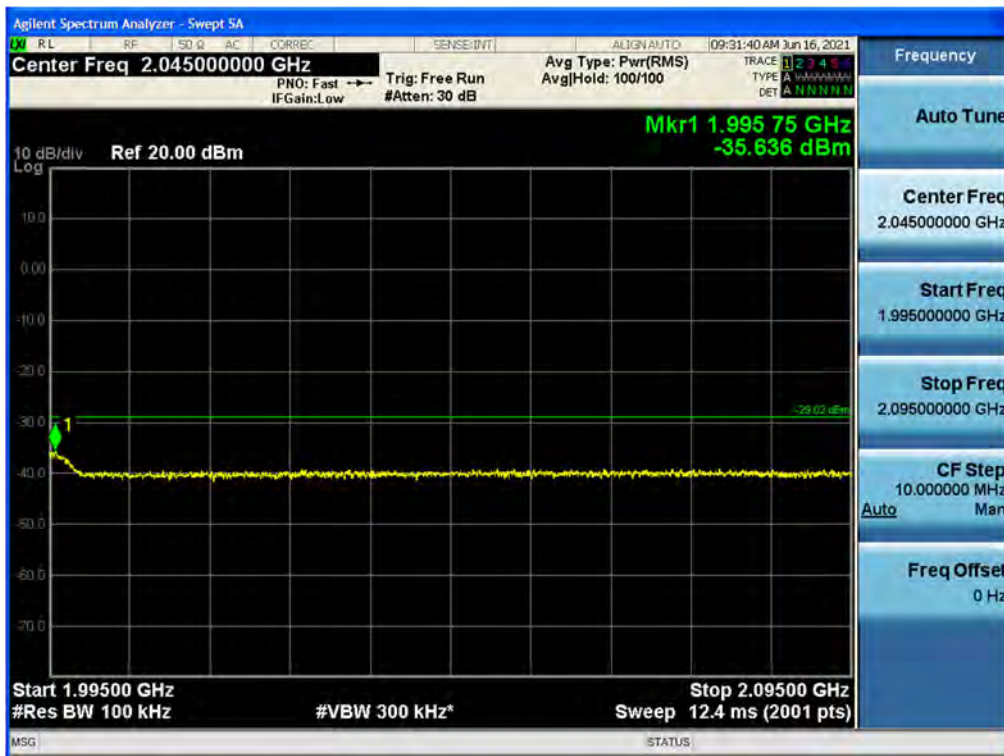
Antenna 0 / 30 MHz ~ Low Edge - 100 MHz / B25 LTE 5 MHz 1 Carrier / 16QAM / Low



Antenna 3 / Low Edge - 100 MHz ~ Low Edge / B25 LTE 5 MHz 1 Carrier / 256QAM / Middle



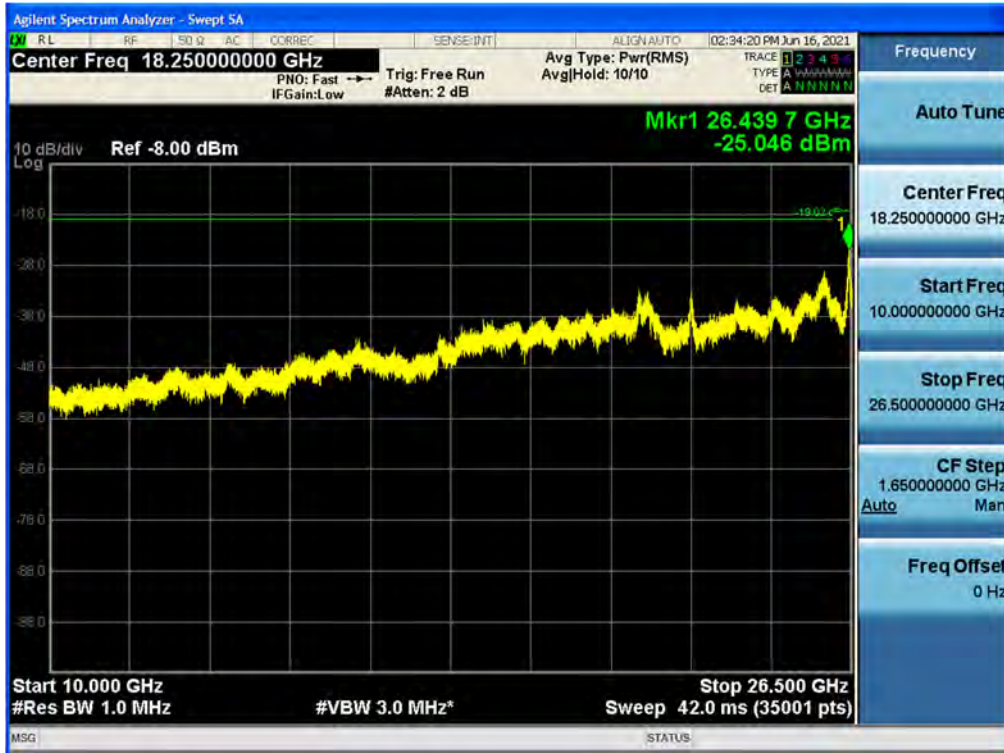
Antenna 3 / High Edge ~ High Edge + 100 MHz / B25 LTE 5 MHz 1 Carrier / 256QAM / Middle



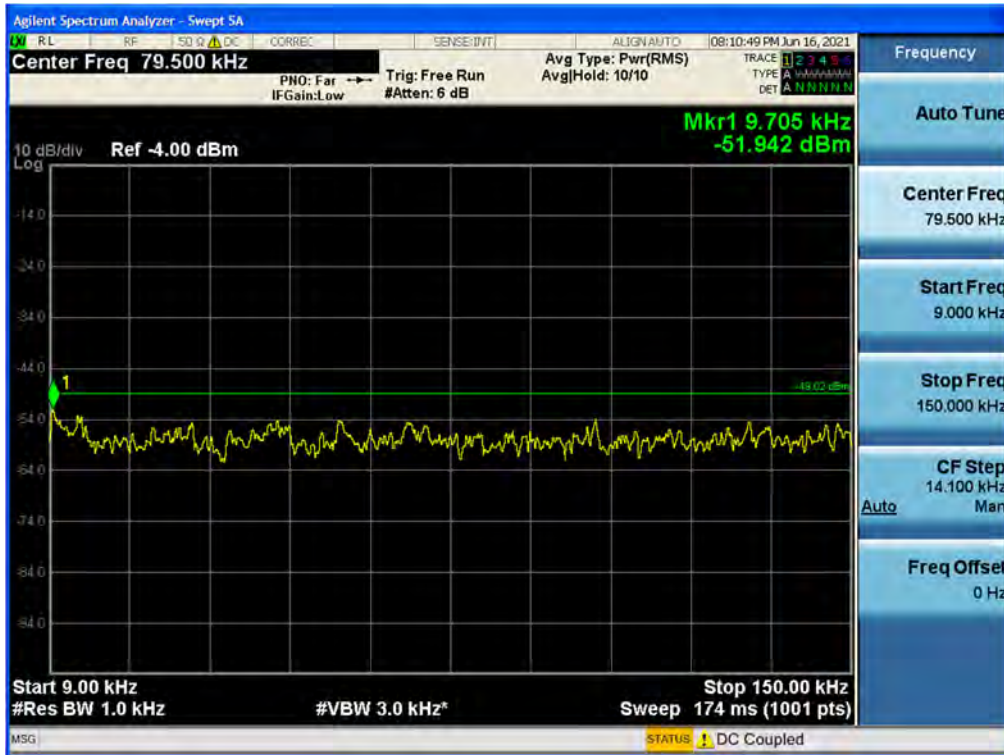
Antenna 0 / High Edge + 100 MHz ~ 10 GHz / B25 LTE 5 MHz 1 Carrier / 16QAM / Low



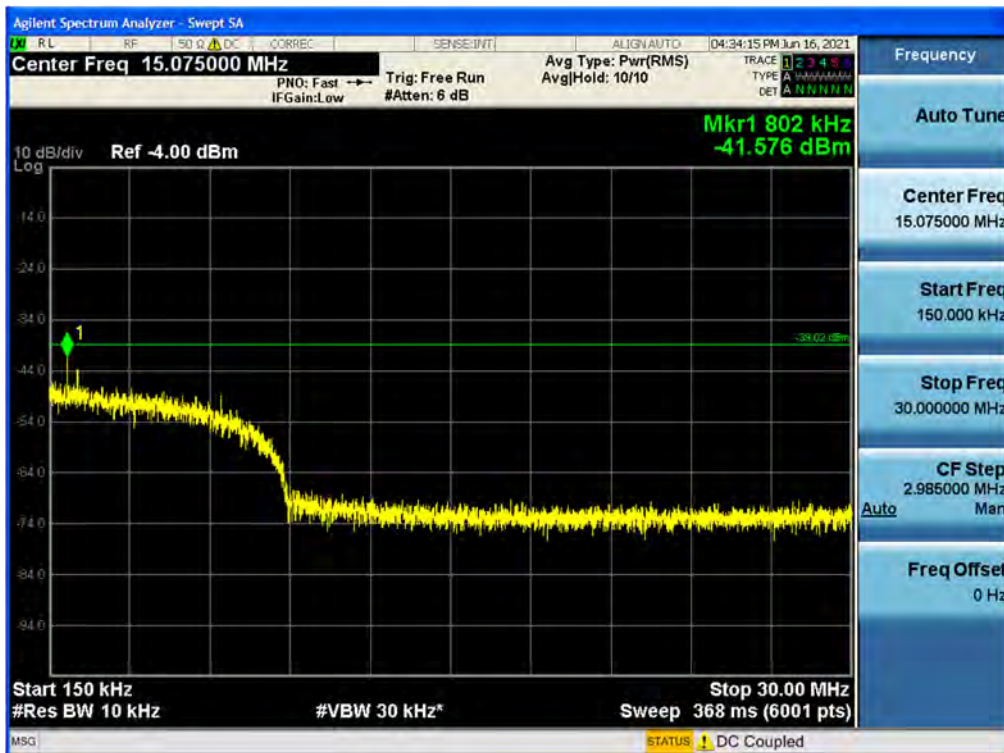
Antenna 0 / 10 GHz ~ 26.5 GHz / B25 LTE 5 MHz 1 Carrier / 64QAM / Middle



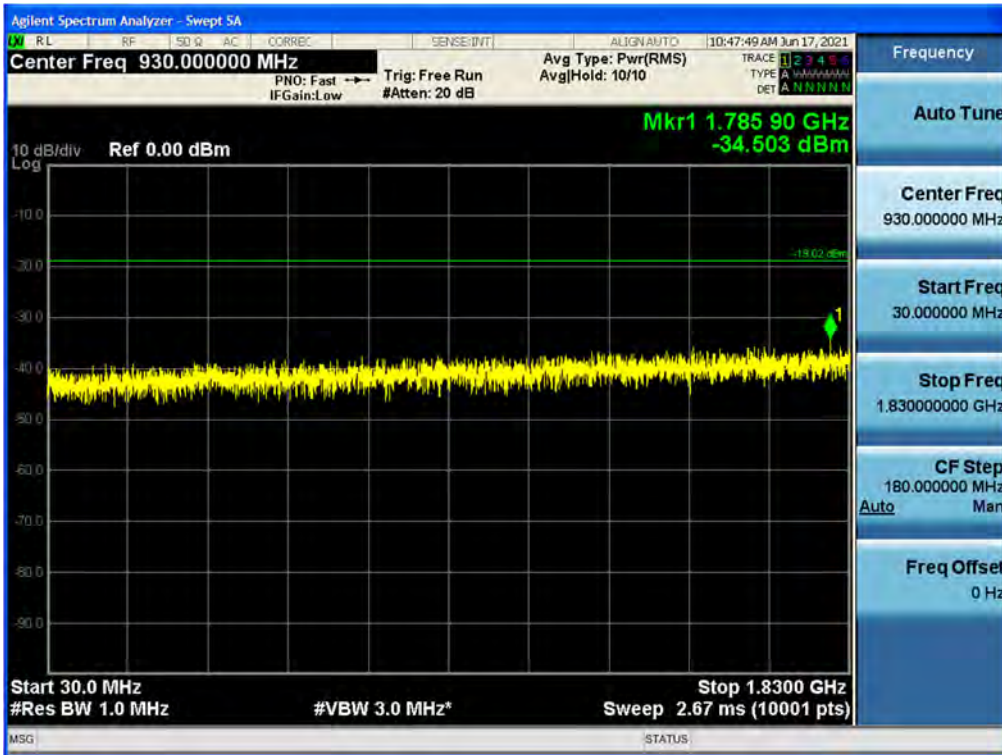
Antenna 1 / 9 kHz ~ 150 kHz / B25 LTE 10 MHz 1 Carrier / 256QAM / Middle



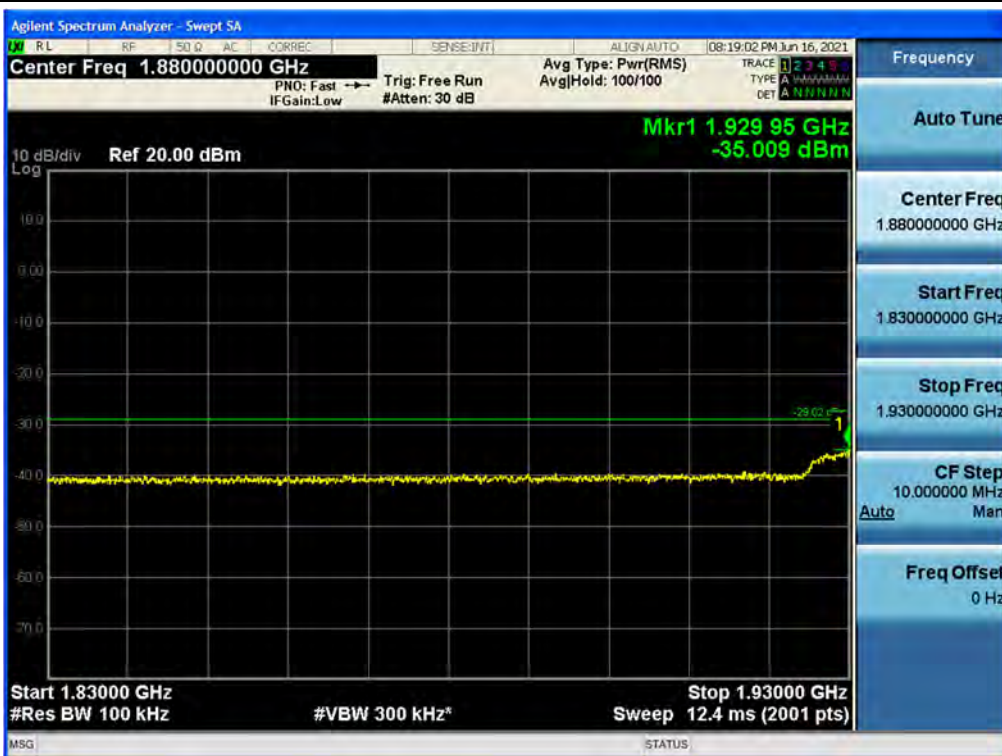
Antenna 0 / 150 kHz ~ 30 MHz / B25 LTE 10 MHz 1 Carrier / 16QAM / Low



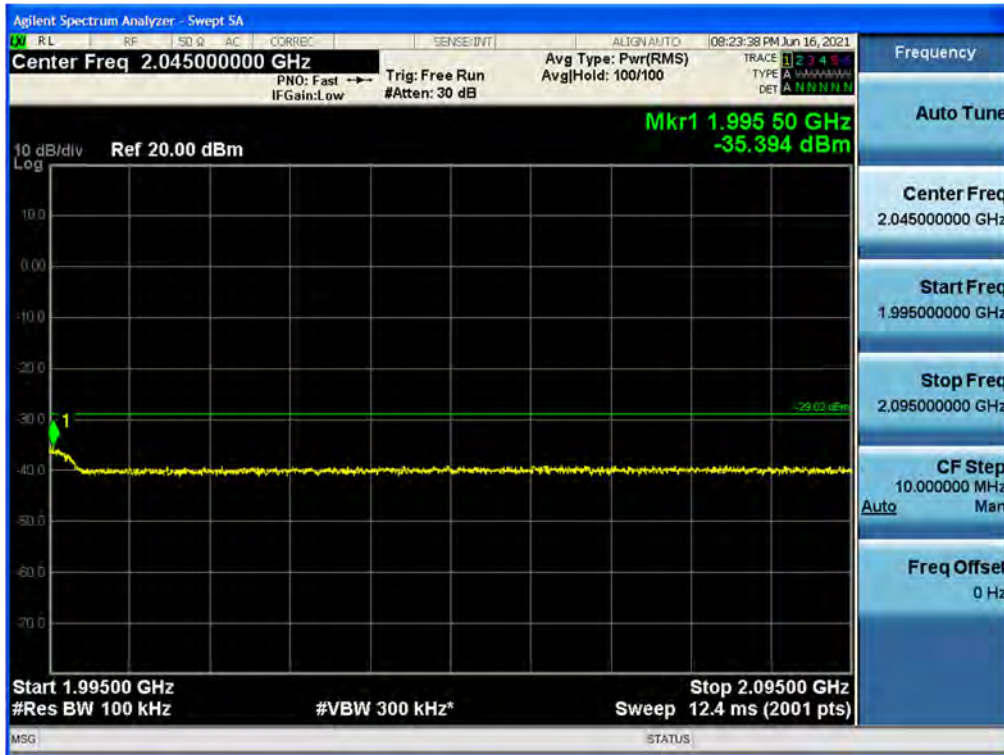
Antenna 2 / 30 MHz ~ Low Edge - 100 MHz / B25 LTE 10 MHz 1 Carrier / 16QAM / Middle



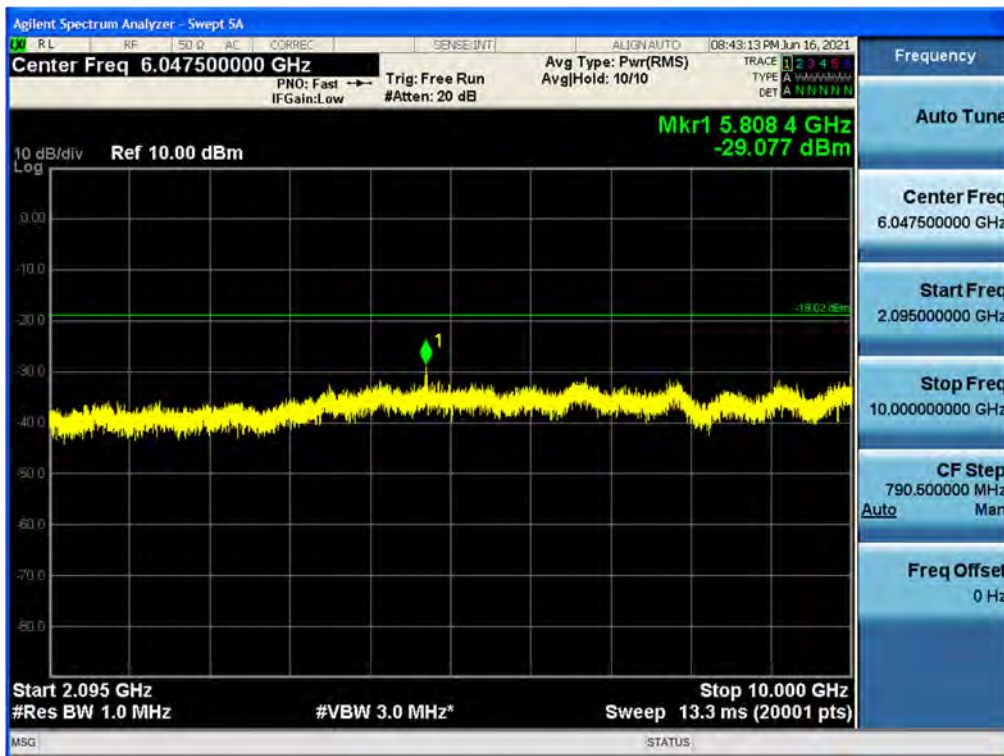
Antenna 1 / Low Edge - 100 MHz ~ Low Edge / B25 LTE 10 MHz 1 Carrier / 16QAM / Middle



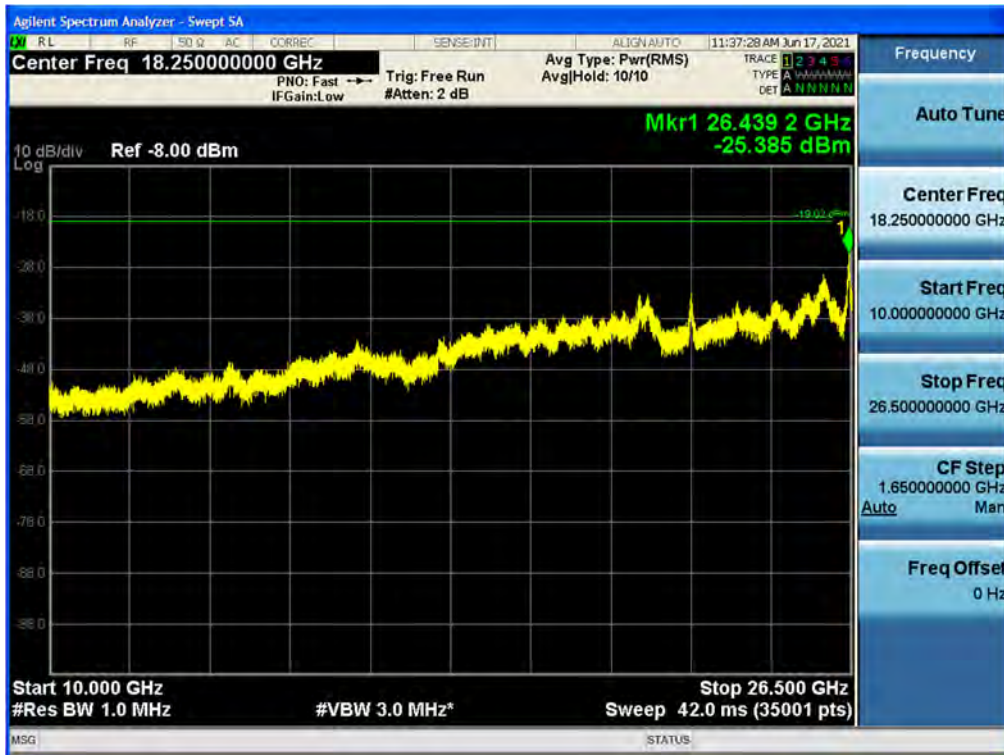
Antenna 1 / High Edge ~ High Edge + 100 MHz / B25 LTE 10 MHz 1 Carrier / 16QAM / Middle



Antenna 1 / High Edge + 100 MHz ~ 10 GHz / B25 LTE 10 MHz 1 Carrier / QPSK / Low

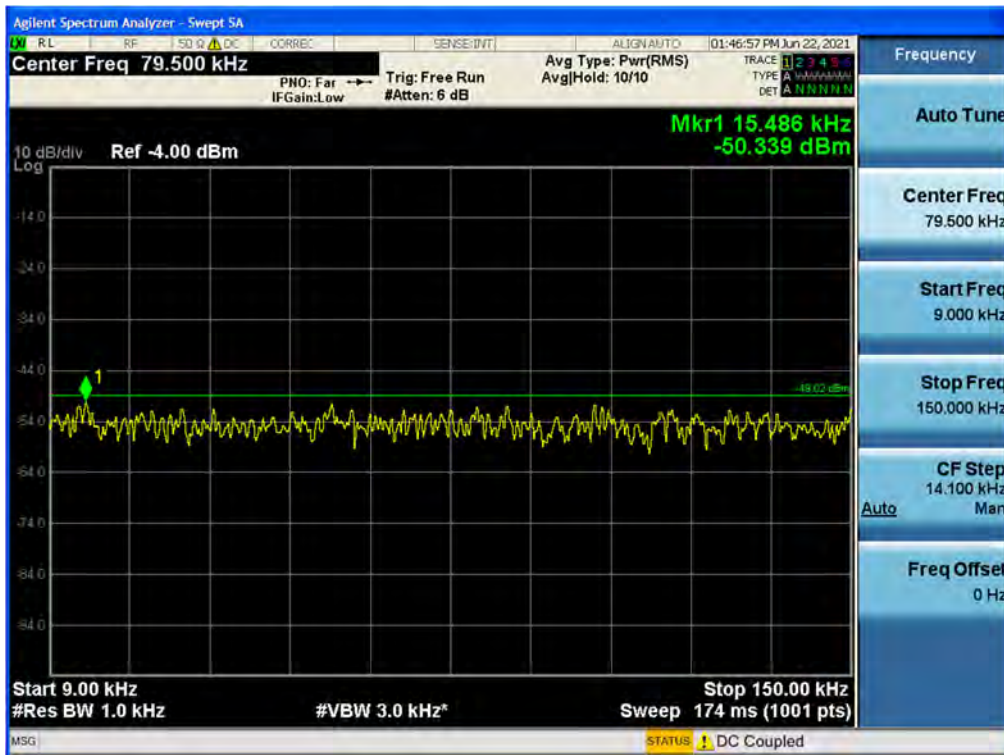


Antenna 2 / 10 GHz ~ 26.5 GHz / B25 LTE 10 MHz 1 Carrier / 16QAM / High

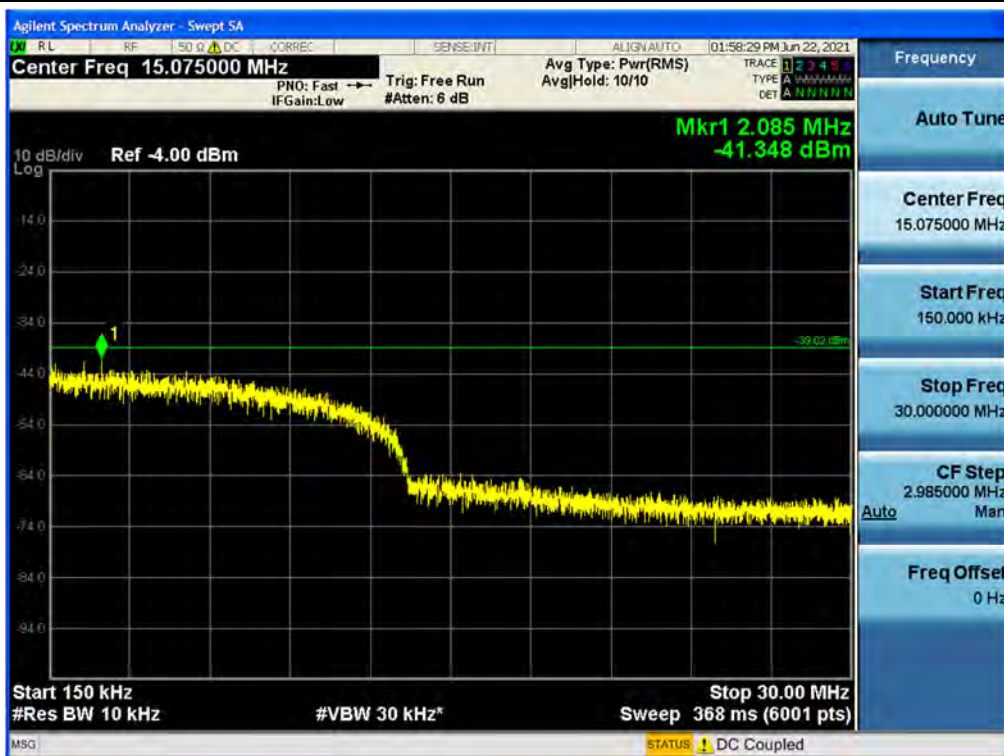




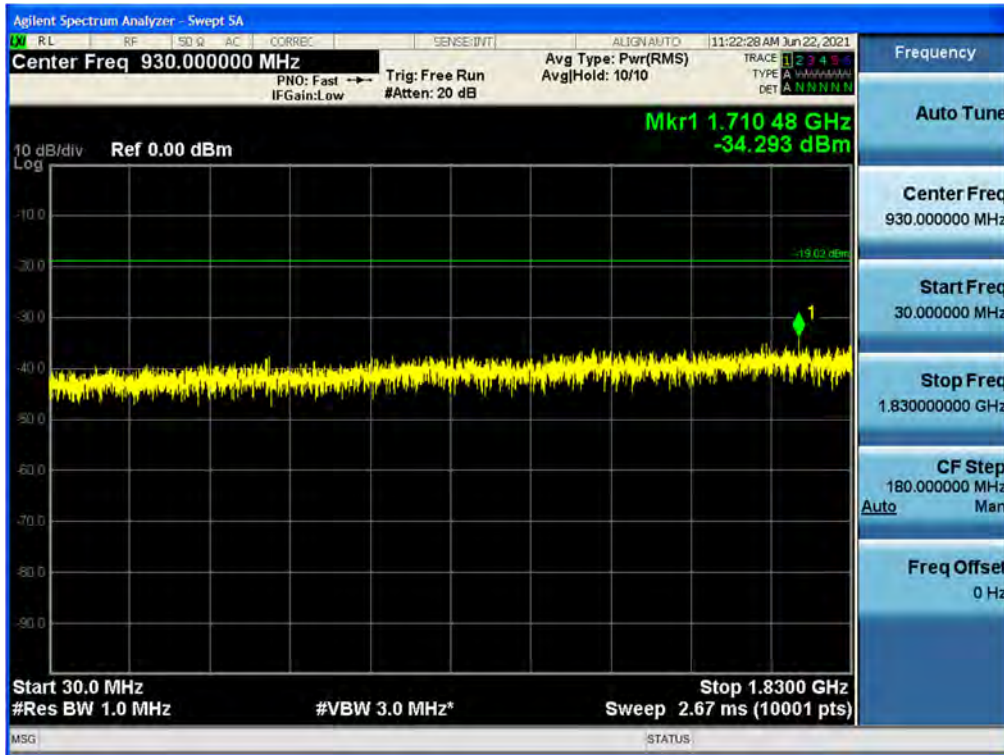
Antenna 2 / 9 kHz ~ 150 kHz / B25 LTE 15 MHz 1 Carrier / 16QAM / High



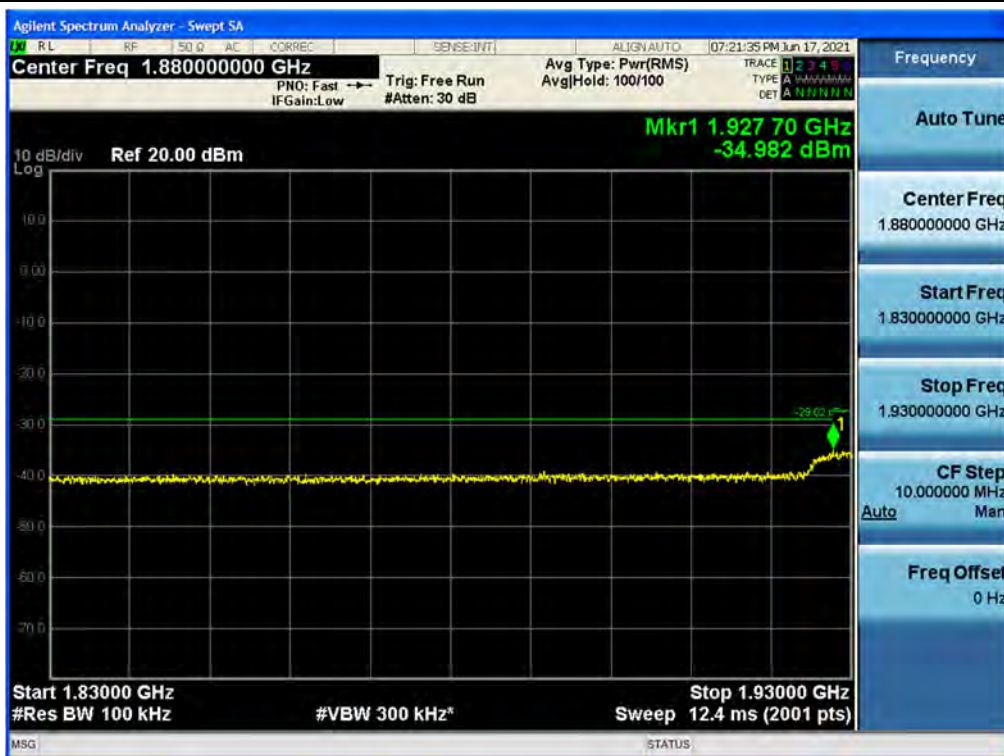
Antenna 3 / 150 kHz ~ 30 MHz / B25 LTE 15 MHz 1 Carrier / 256QAM / High



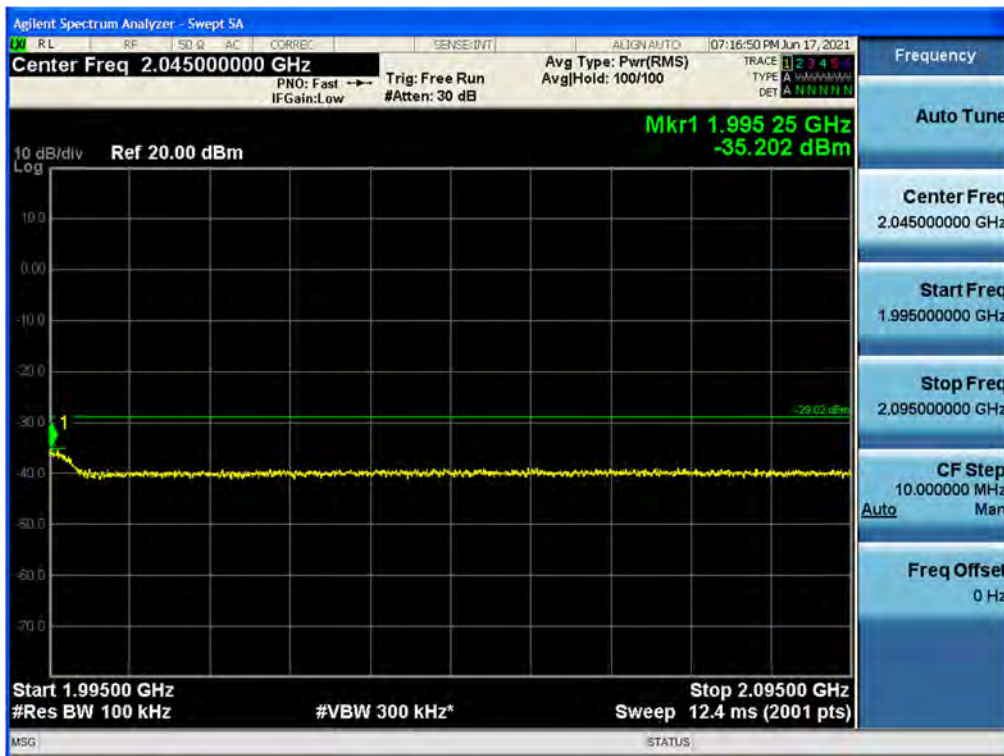
Antenna 2 / 30 MHz ~ Low Edge - 100 MHz / B25 LTE 15 MHz 1 Carrier / 16QAM / Low



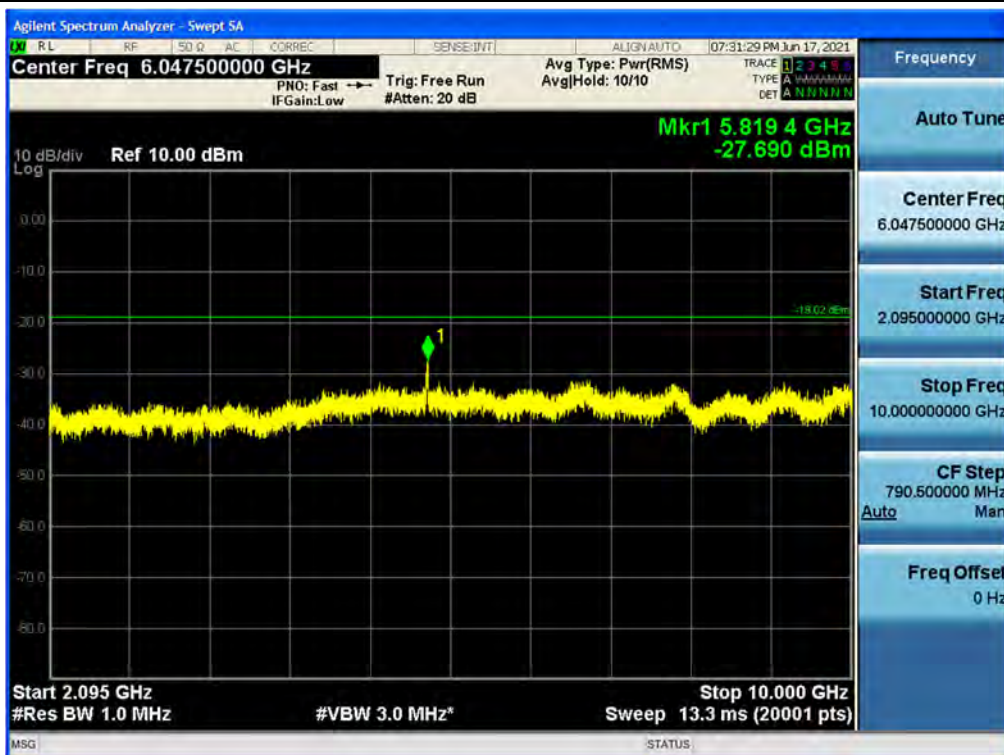
Antenna 1 / Low Edge - 100 MHz ~ Low Edge / B25 LTE 15 MHz 1 Carrier / 16QAM / Middle



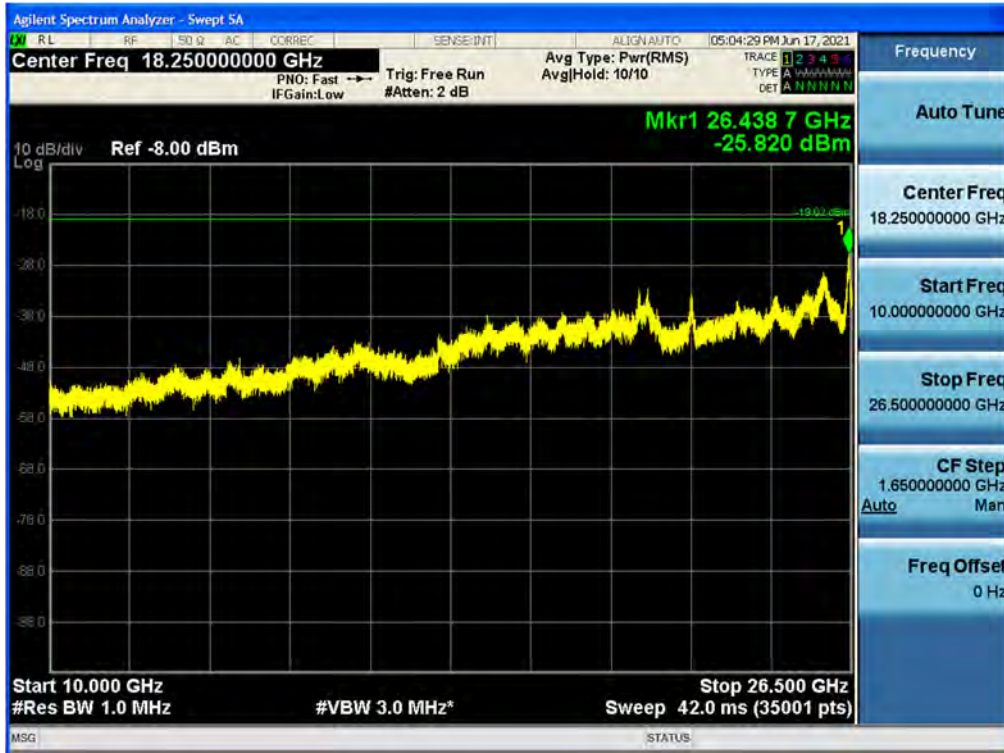
Antenna 1 / High Edge ~ High Edge + 100 MHz / B25 LTE 15 MHz 1 Carrier / 256QAM / Middle



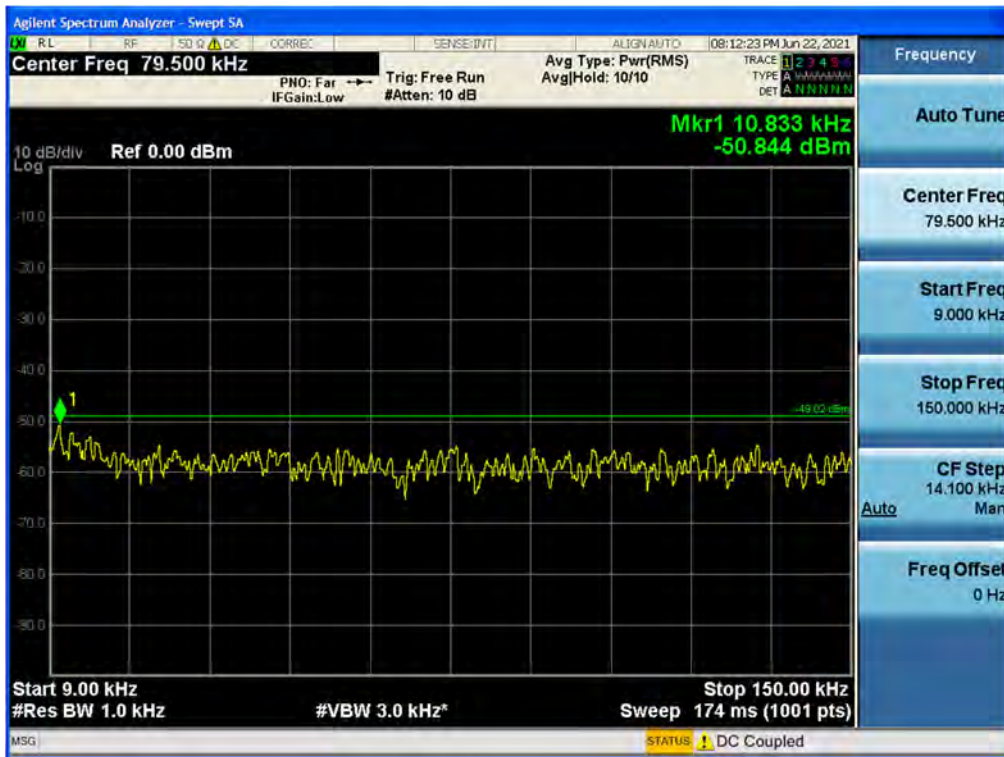
Antenna 1 / High Edge + 100 MHz ~ 10 GHz / B25 LTE 15 MHz 1 Carrier / 64QAM / Low



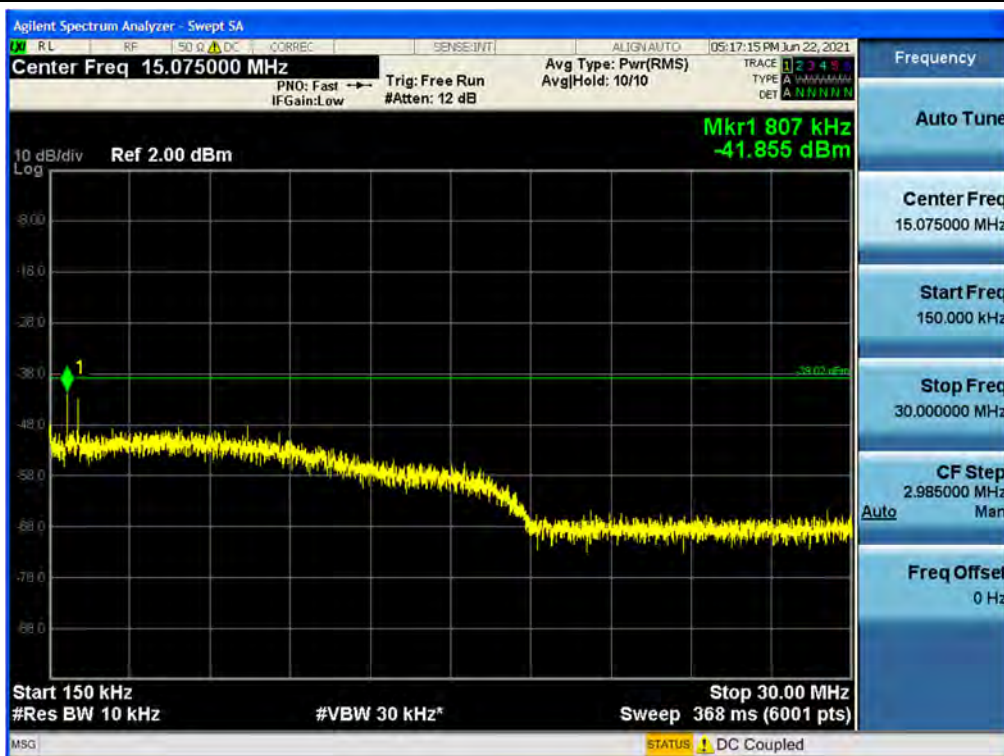
Antenna 0 / 10 GHz ~ 26.5 GHz / B25 LTE 15 MHz 1 Carrier / 256QAM / High



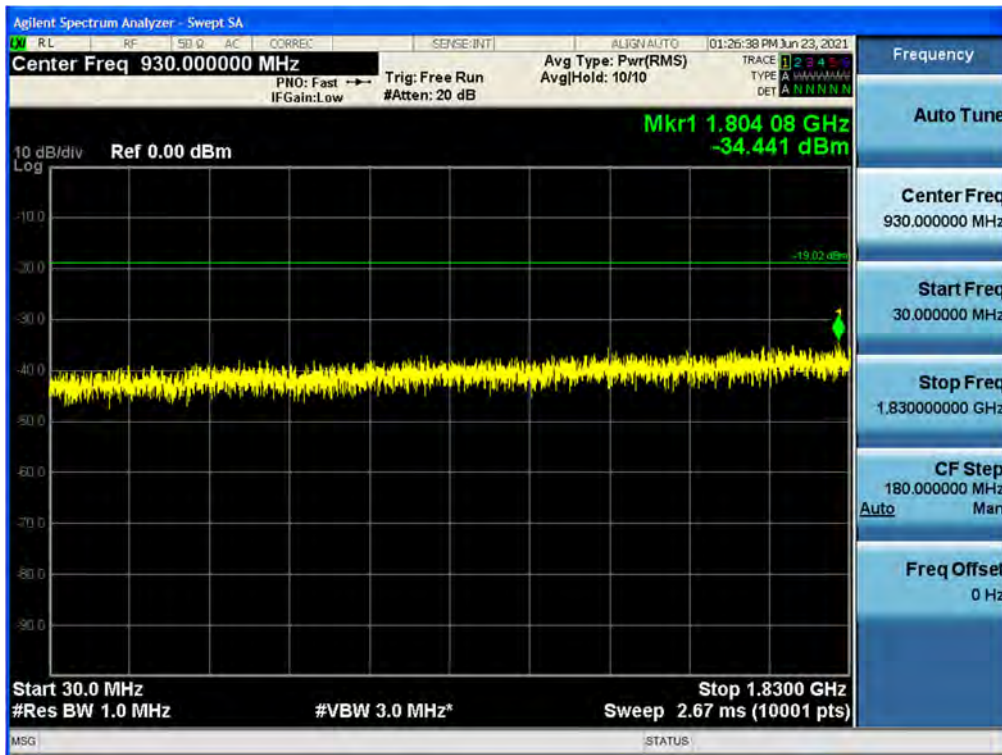
Antenna 1 / 9 kHz ~ 150 kHz / B25 LTE 20 MHz 1 Carrier / QPSK / Middle



Antenna 0 / 150 kHz ~ 30 MHz / B25 LTE 20 MHz 1 Carrier / QPSK / Middle



## Antenna 3 / 30 MHz ~ Low Edge - 100 MHz / B25 LTE 20 MHz 1 Carrier / 256QAM / Middle



## Antenna 0 / Low Edge - 100 MHz ~ Low Edge / B25 LTE 20 MHz 1 Carrier / 64QAM / High

