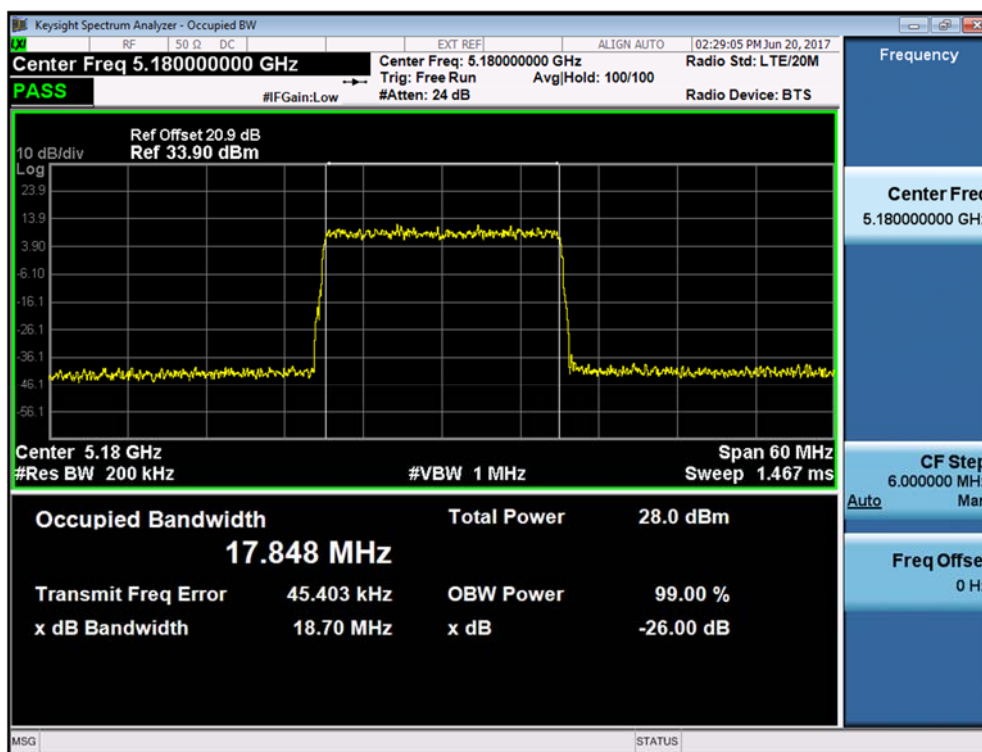


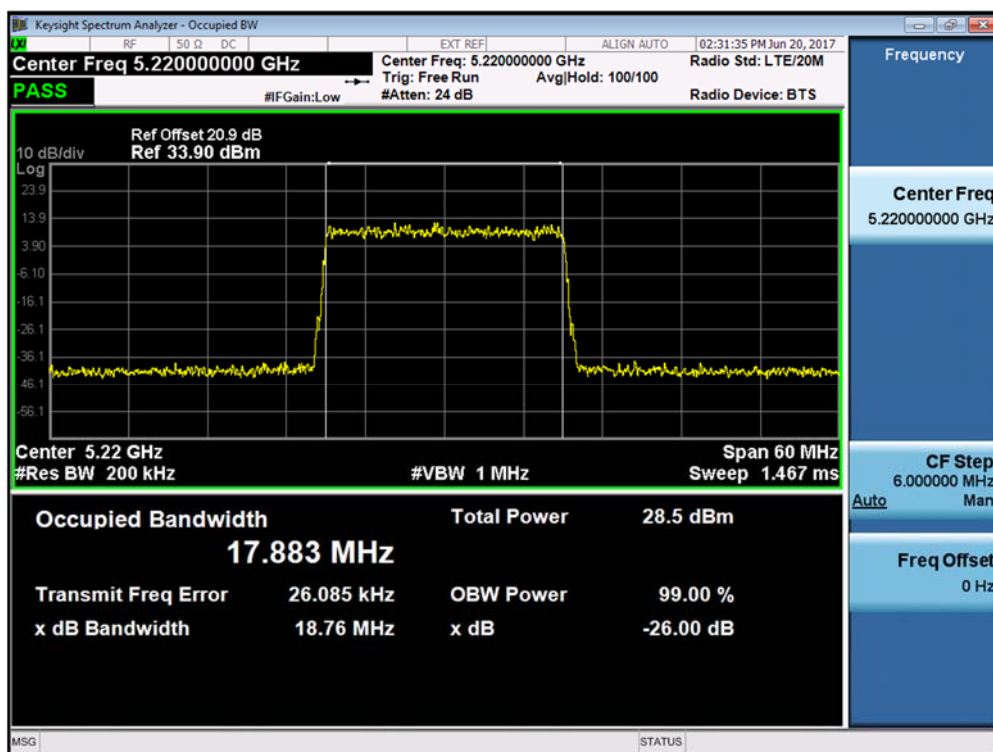


Product Service

### Channel Position B - QPSK / Bandwidth 20.0 MHz



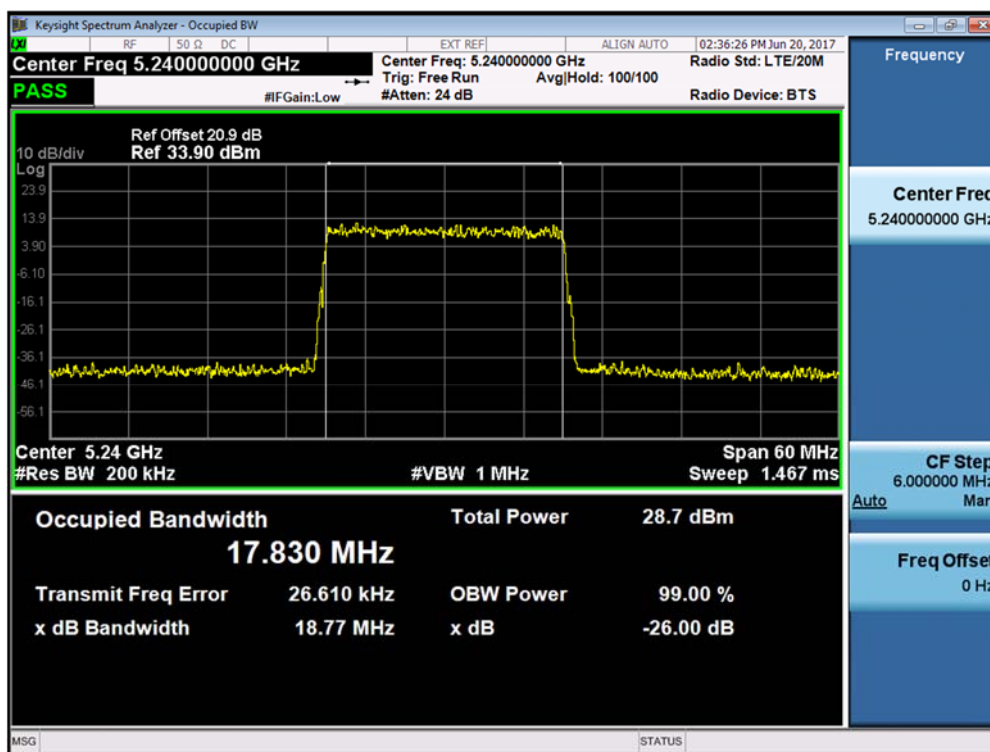
### Channel Position M - QPSK / Bandwidth 20.0 MHz



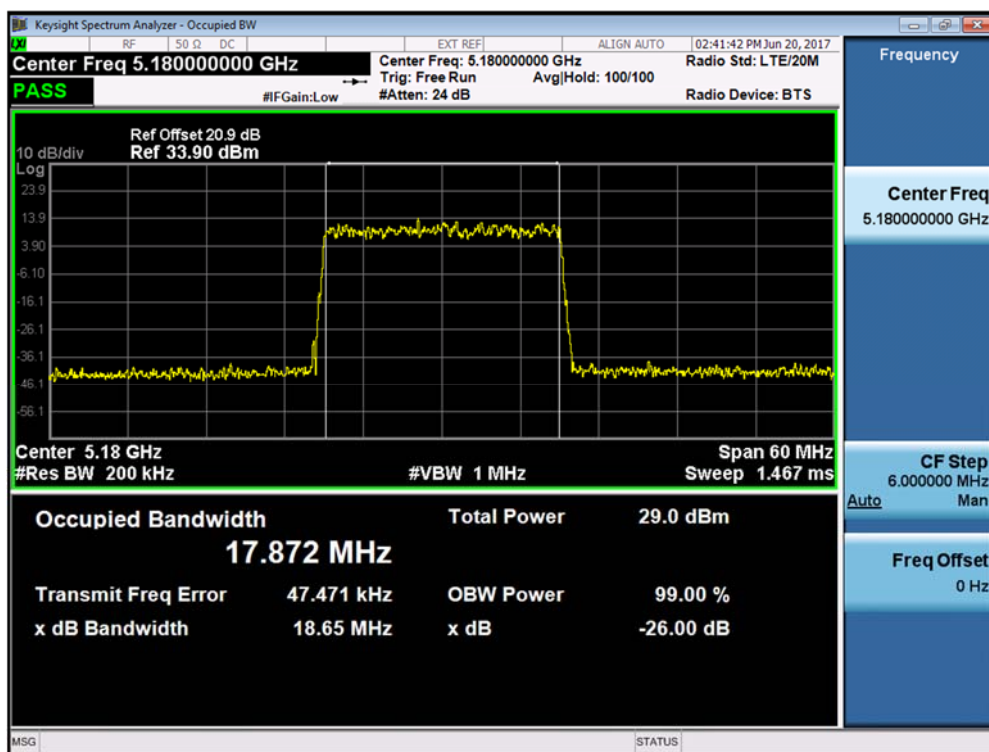


Product Service

### Channel Position T - QPSK / Bandwidth 20.0 MHz



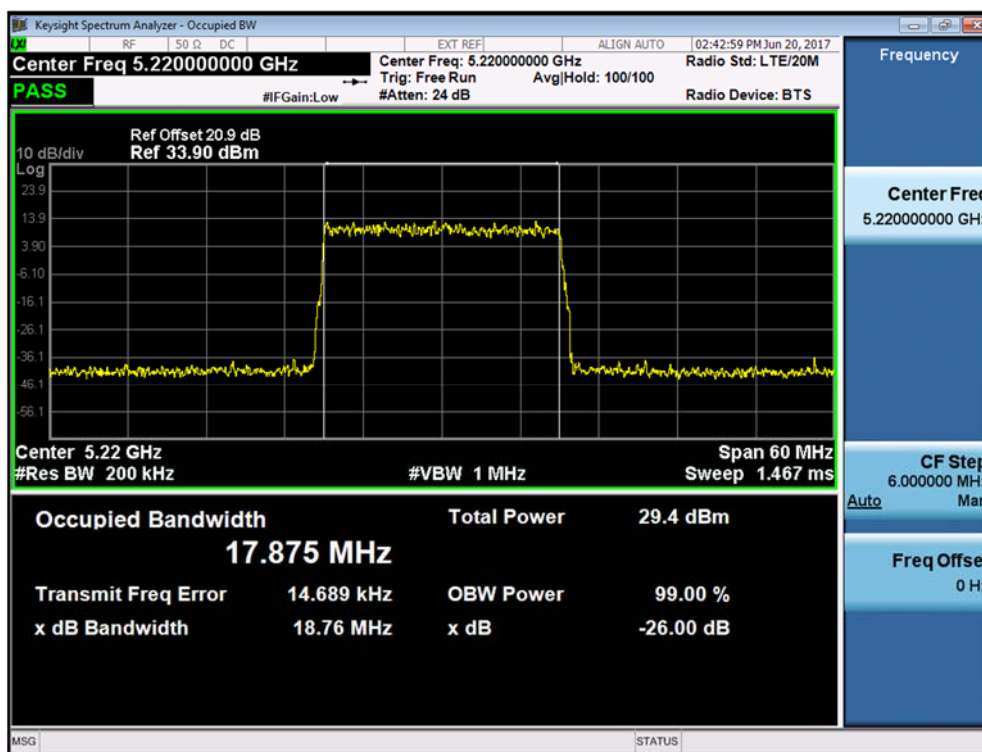
### Channel Position B - 16QAM / Bandwidth 20.0 MHz



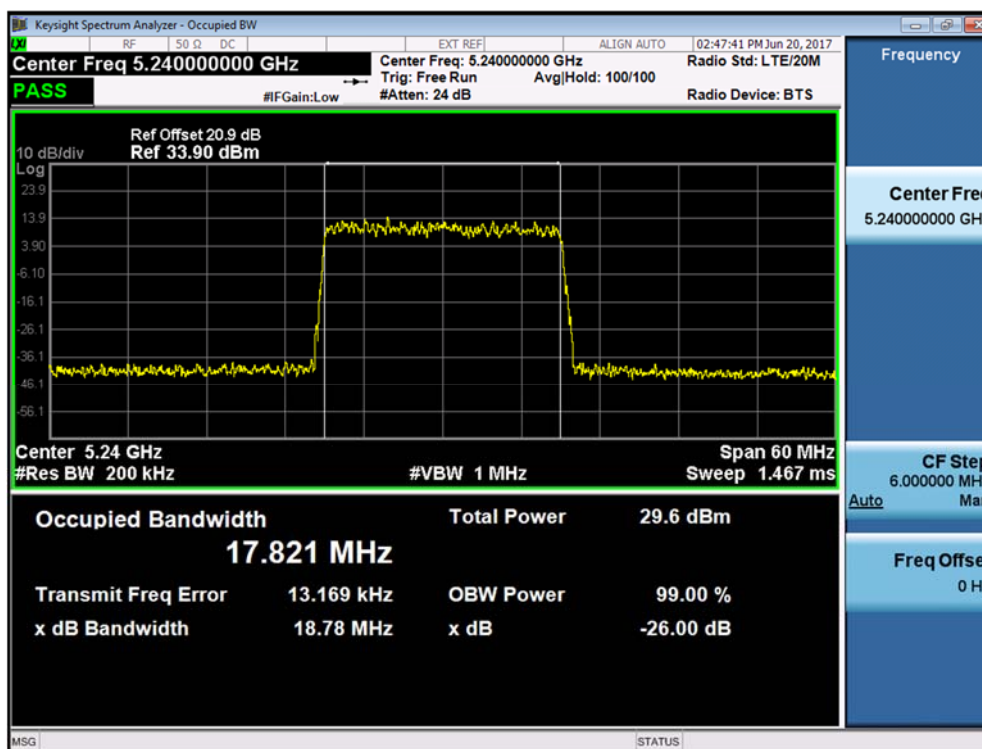


Product Service

### Channel Position M - 16QAM / Bandwidth 20.0 MHz



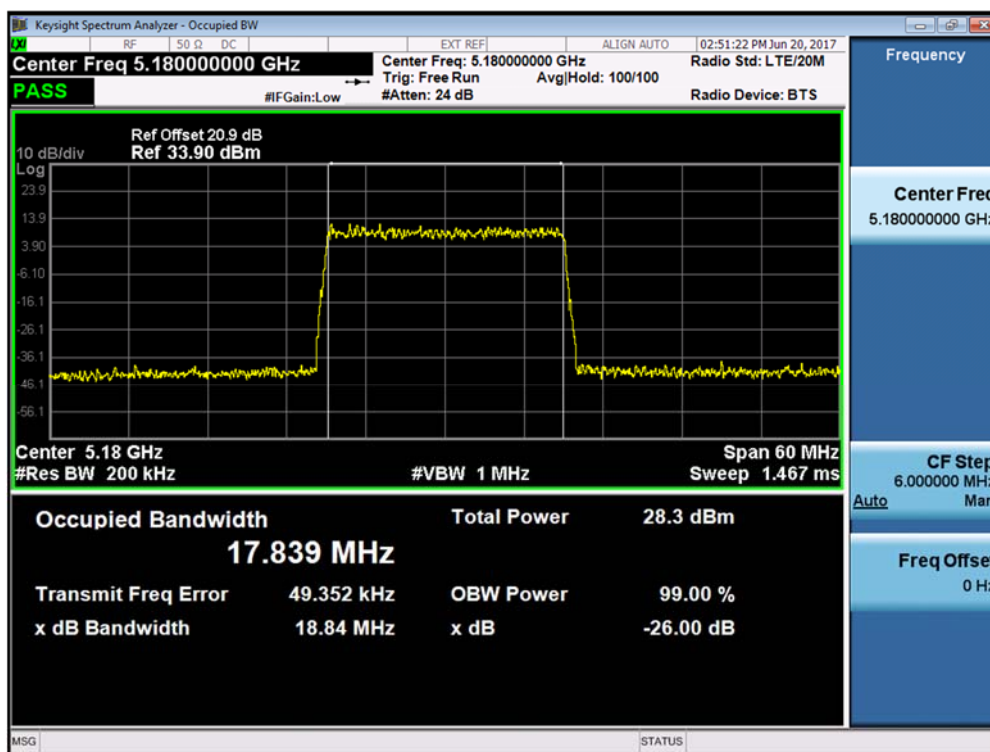
### Channel Position T - 16QAM / Bandwidth 20.0 MHz



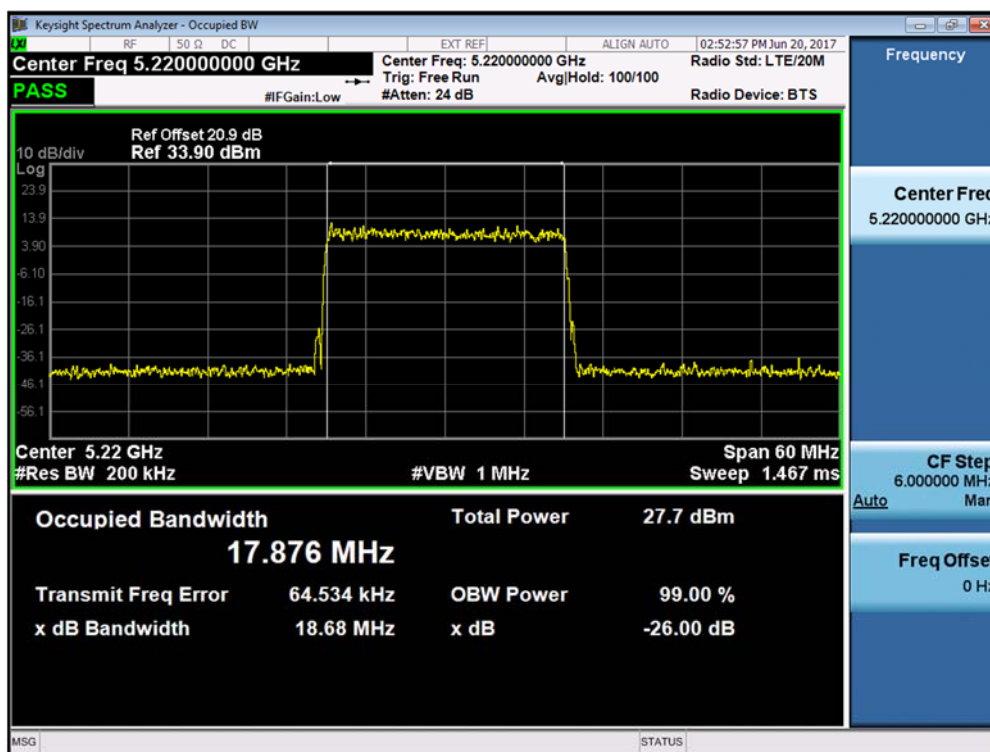


Product Service

### Channel Position B - 64QAM / Bandwidth 20.0 MHz



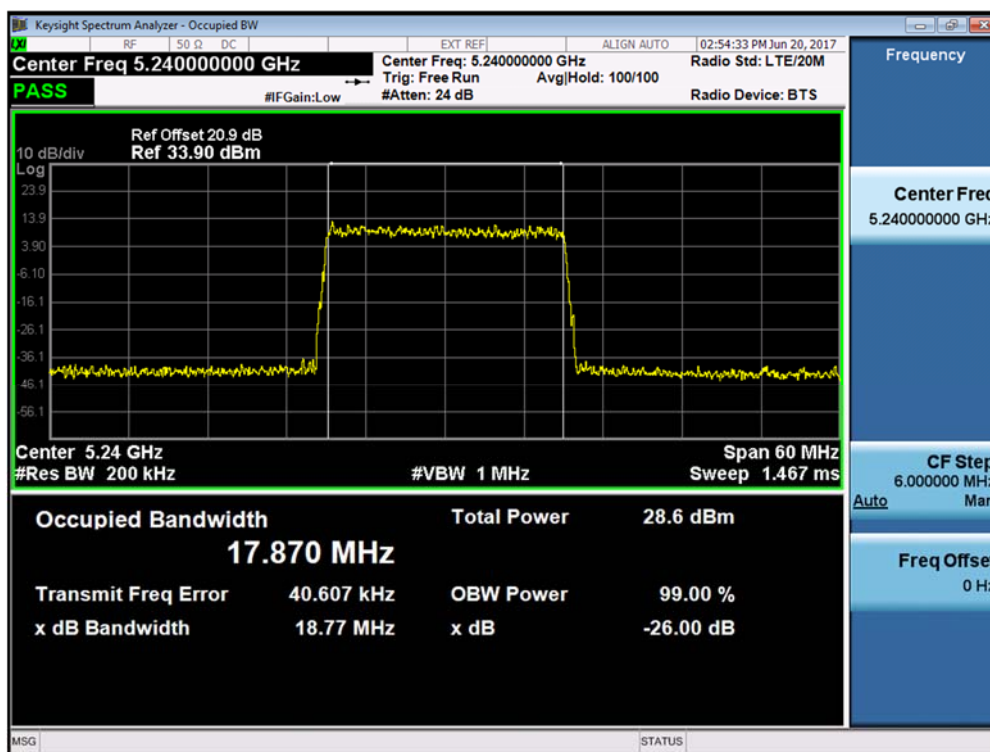
### Channel Position M - 64QAM / Bandwidth 20.0 MHz



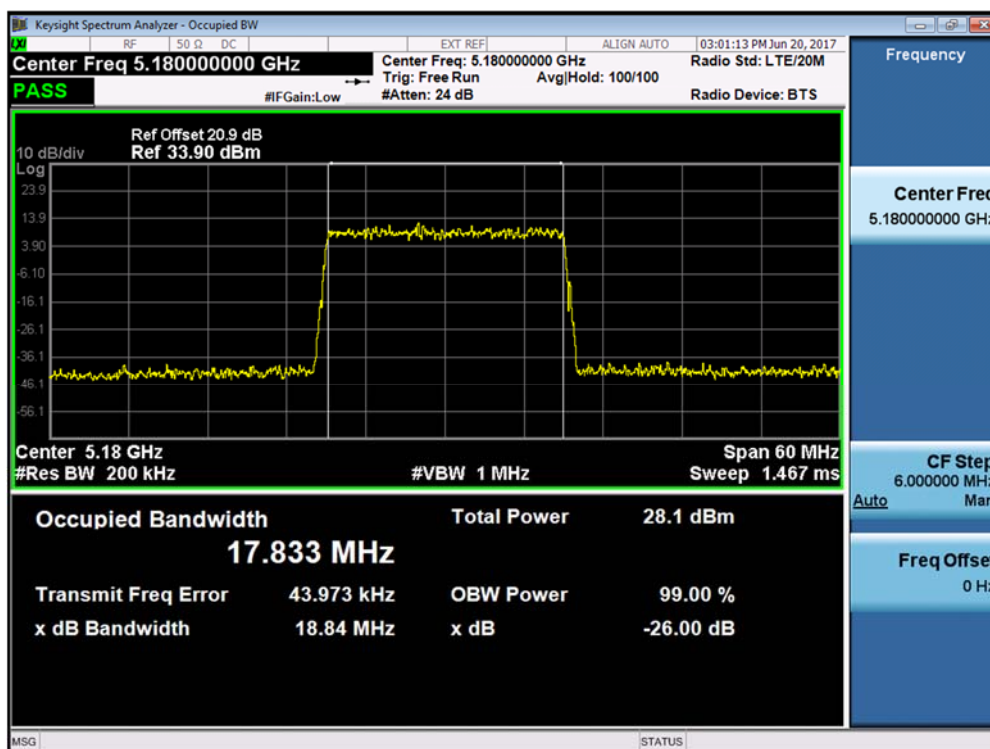


Product Service

### Channel Position T - 64QAM / Bandwidth 20.0 MHz



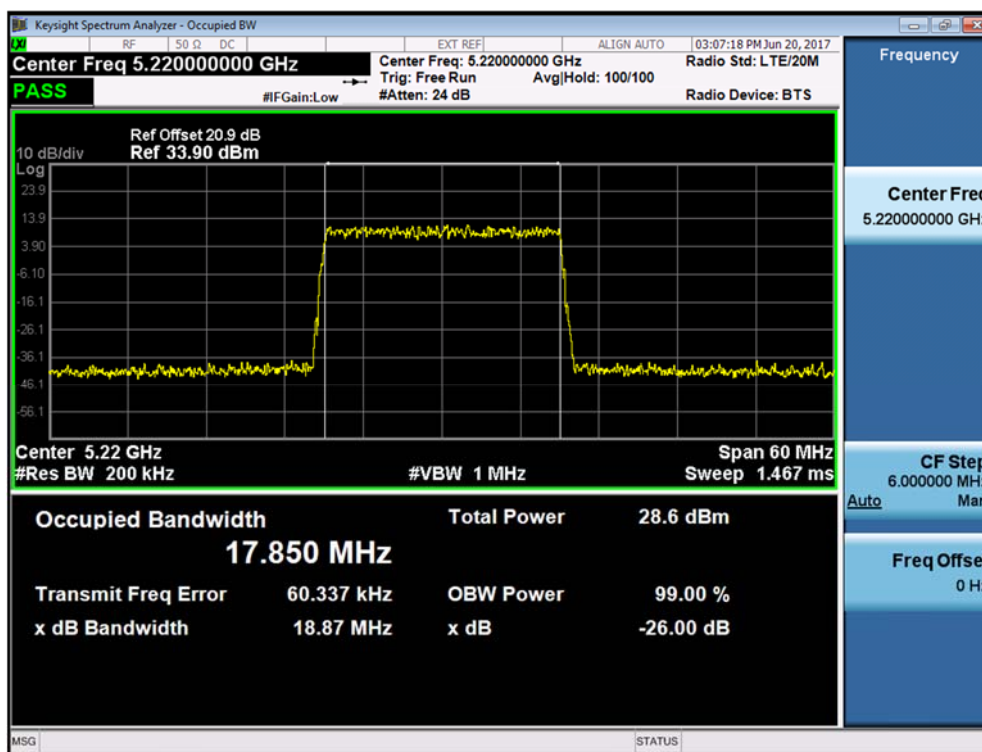
### Channel Position B - 256QAM / Bandwidth 20.0 MHz



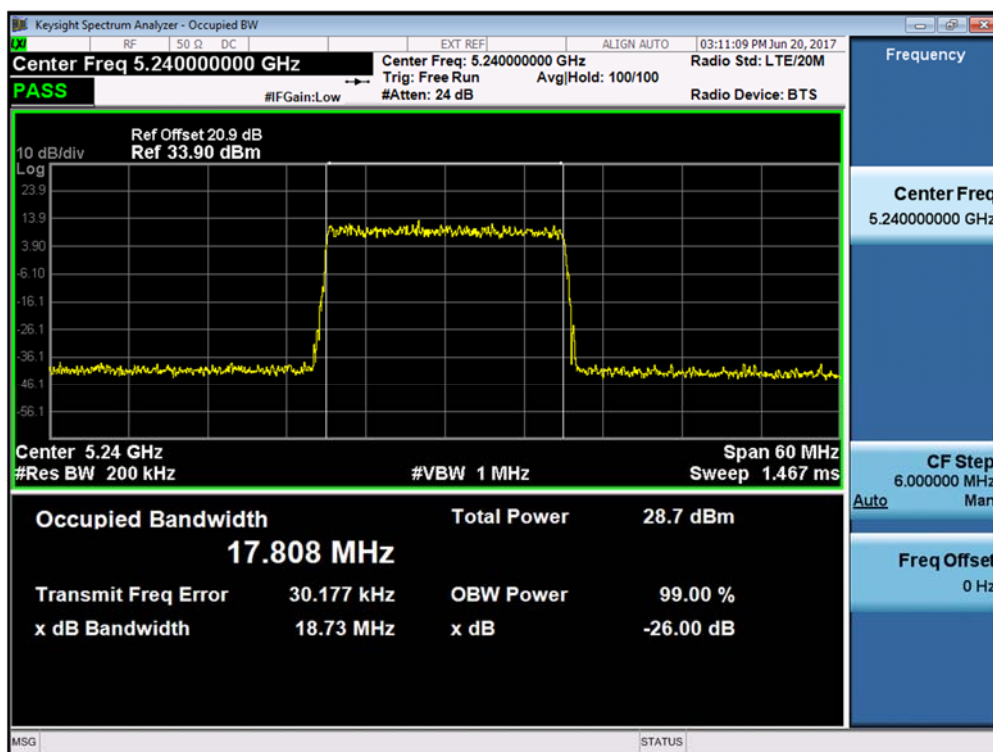


Product Service

### Channel Position M - 256QAM / Bandwidth 20.0 MHz



### Channel Position T - 256QAM / Bandwidth 20.0 MHz



## Configuration A2

L-MIMO-SC

Maximum Output Power 20.5dBm per port

-26dBc and 99% Occupied Bandwidth for FCC requirement

| Modulation / Bandwidth | Occupied Bandwidth (MHz)        |                  |                                 |                  |                                 |                  |
|------------------------|---------------------------------|------------------|---------------------------------|------------------|---------------------------------|------------------|
|                        | Channel Position B<br>5745.0MHz |                  | Channel Position M<br>5785.0MHz |                  | Channel Position T<br>5825.0MHz |                  |
|                        | -26dB<br>Bandwidth              | 99%<br>Bandwidth | -26dB<br>Bandwidth              | 99%<br>Bandwidth | -26dB<br>Bandwidth              | 99%<br>Bandwidth |
| QPSK / 20.0 MHz        | 18.530                          | 17.843           | 18.630                          | 17.854           | 18.530                          | 17.844           |
| 16QAM / 20.0 MHz       | -                               | -                | 18.530                          | 17.847           | -                               | -                |
| 64QAM / 20.0 MHz       | -                               | -                | 18.580                          | 17.858           | -                               | -                |
| 256QAM / 20.0 MHz      | -                               | -                | 18.590                          | 17.842           | -                               | -                |

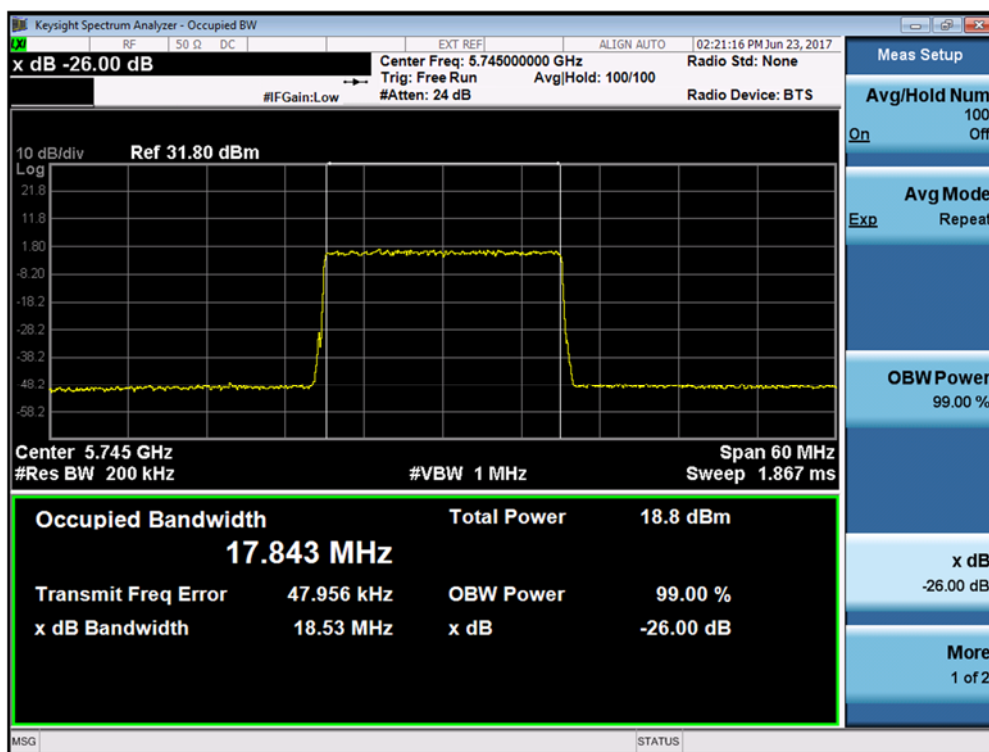
-6dBc Occupied Bandwidth for FCC requirement

| Modulation / Bandwidth | Occupied Bandwidth (MHz)        |                                 |                                 |
|------------------------|---------------------------------|---------------------------------|---------------------------------|
|                        | Channel Position B<br>5745.0MHz | Channel Position M<br>5785.0MHz | Channel Position T<br>5825.0MHz |
| QPSK / 20.0 MHz        | 18.070                          | 18.080                          | 18.070                          |
| 16QAM / 20.0 MHz       | -                               | 18.030                          | -                               |
| 64QAM / 20.0 MHz       | -                               | 18.070                          | -                               |
| 256QAM / 20.0 MHz      | -                               | 18.080                          | -                               |

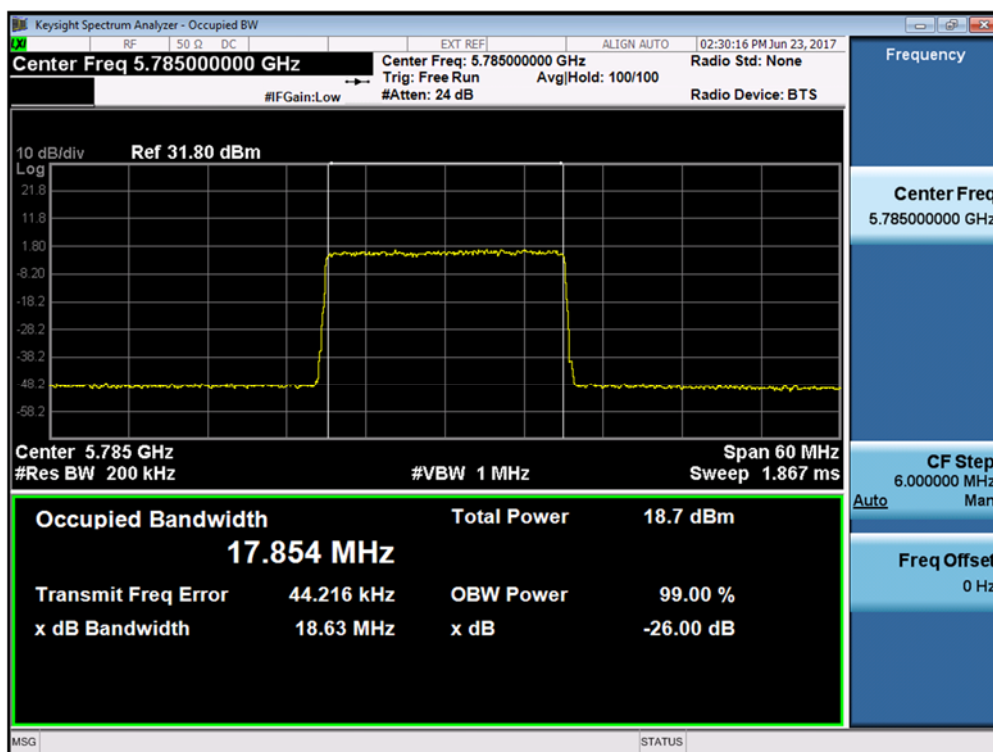


Product Service

### Channel Position B - QPSK / Bandwidth 20.0 MHz



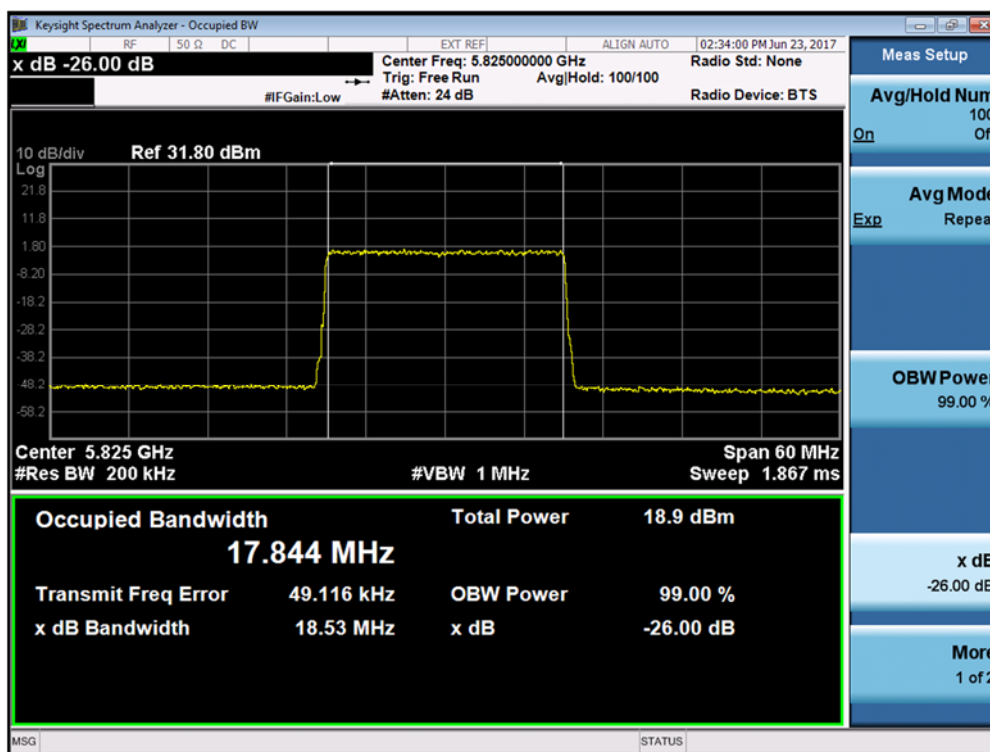
### Channel Position M - QPSK / Bandwidth 20.0 MHz



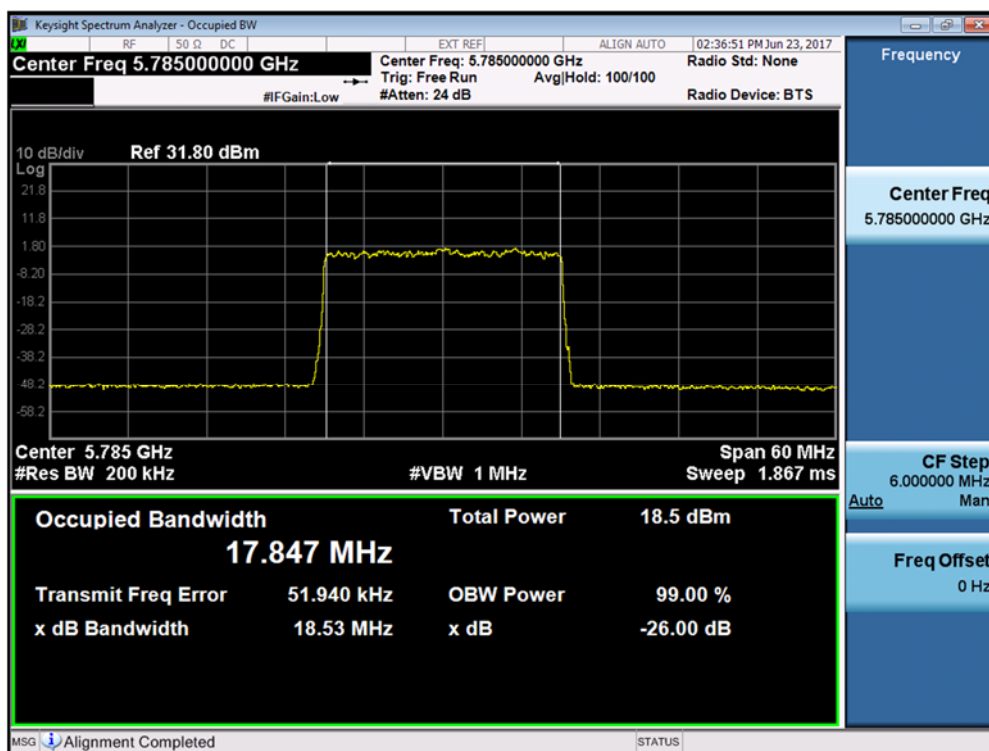


Product Service

### Channel Position T - QPSK / Bandwidth 20.0 MHz



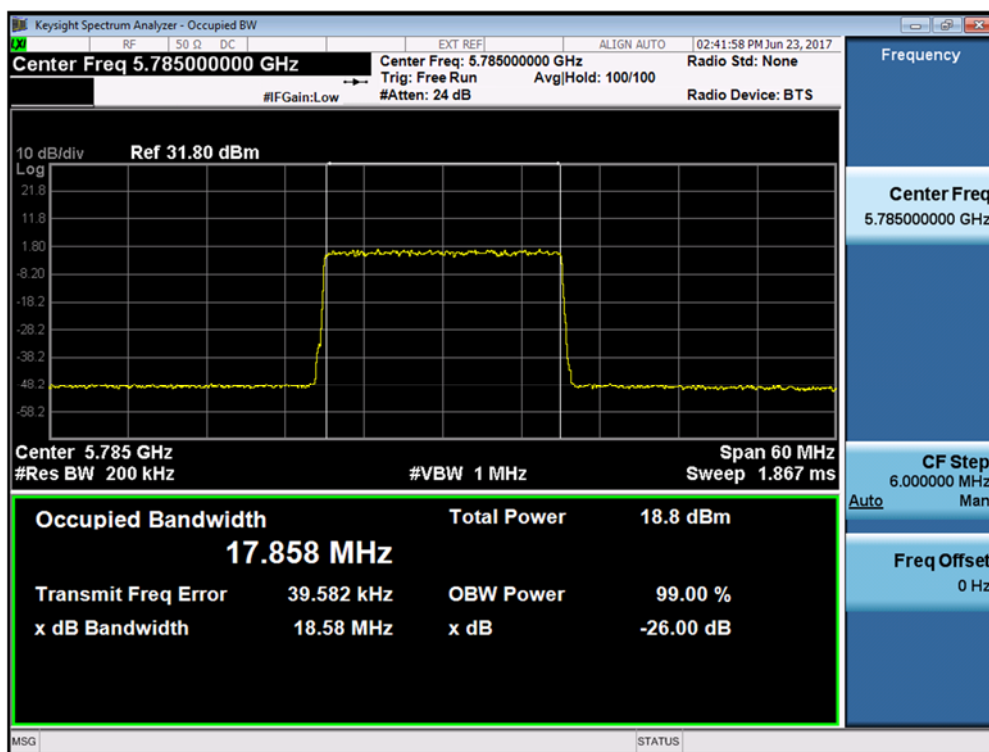
### Channel Position M - 16QAM / Bandwidth 20.0 MHz



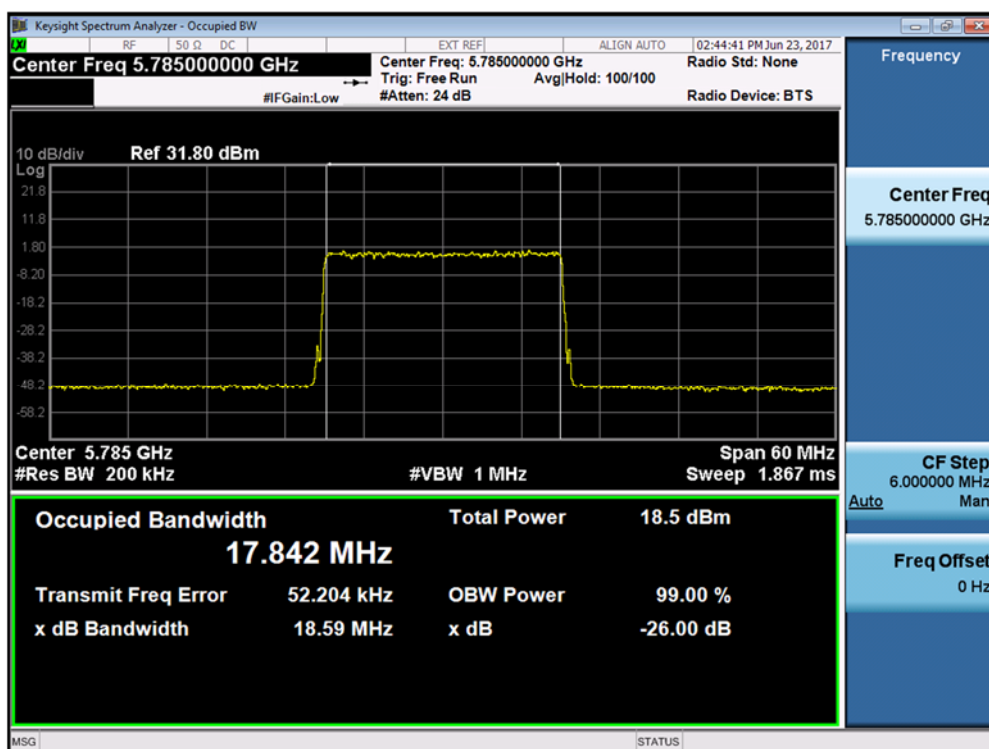


Product Service

### Channel Position M - 64QAM / Bandwidth 20.0 MHz



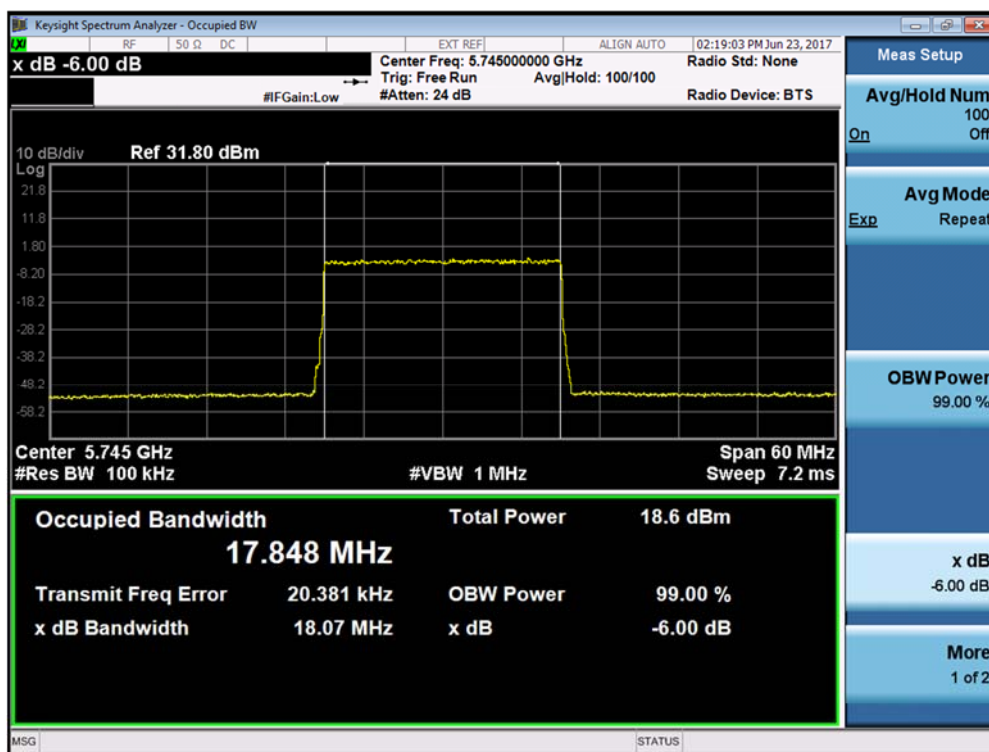
### Channel Position M - 256QAM / Bandwidth 20.0 MHz



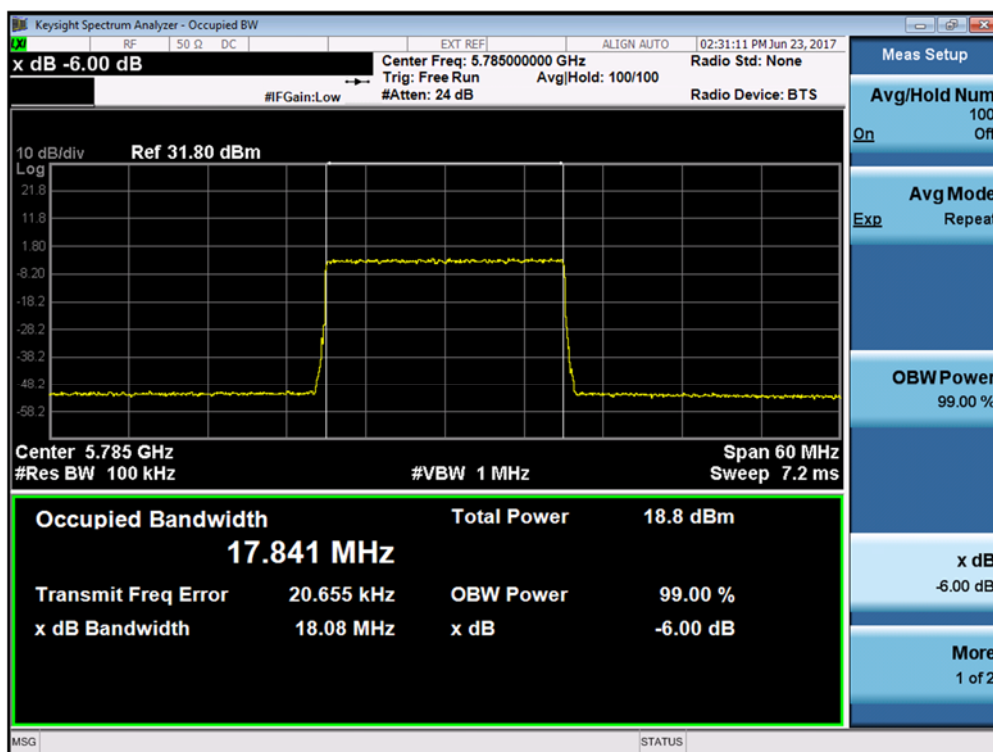


Product Service

### Channel Position B - QPSK / -6dB Bandwidth 20.0 MHz



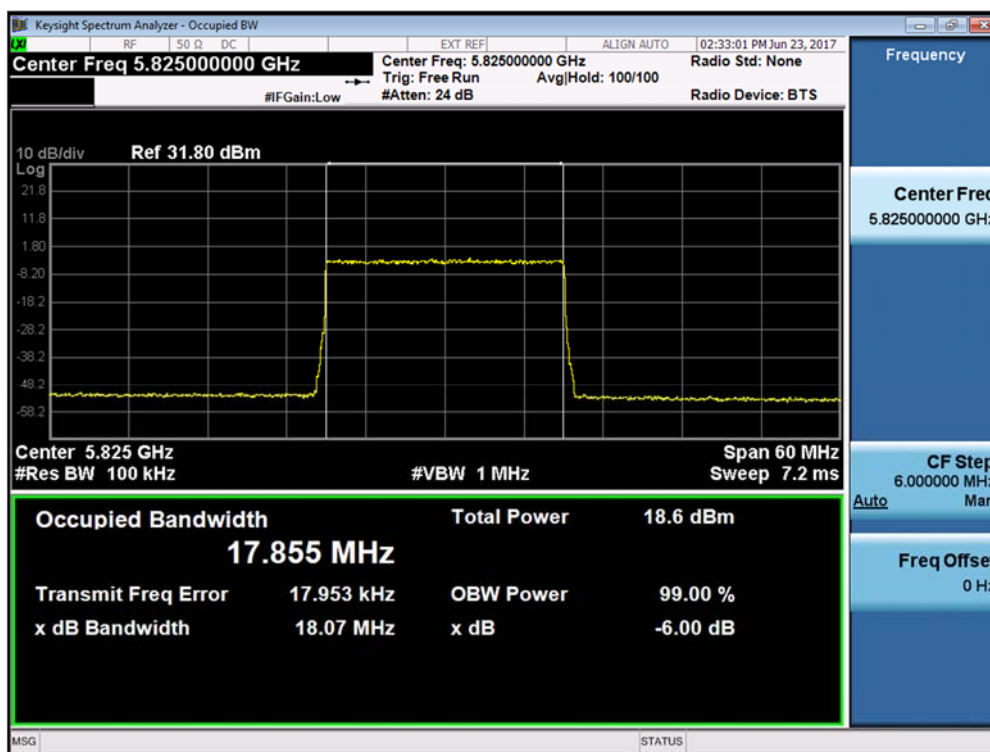
### Channel Position M - QPSK / -6dB Bandwidth 20.0 MHz



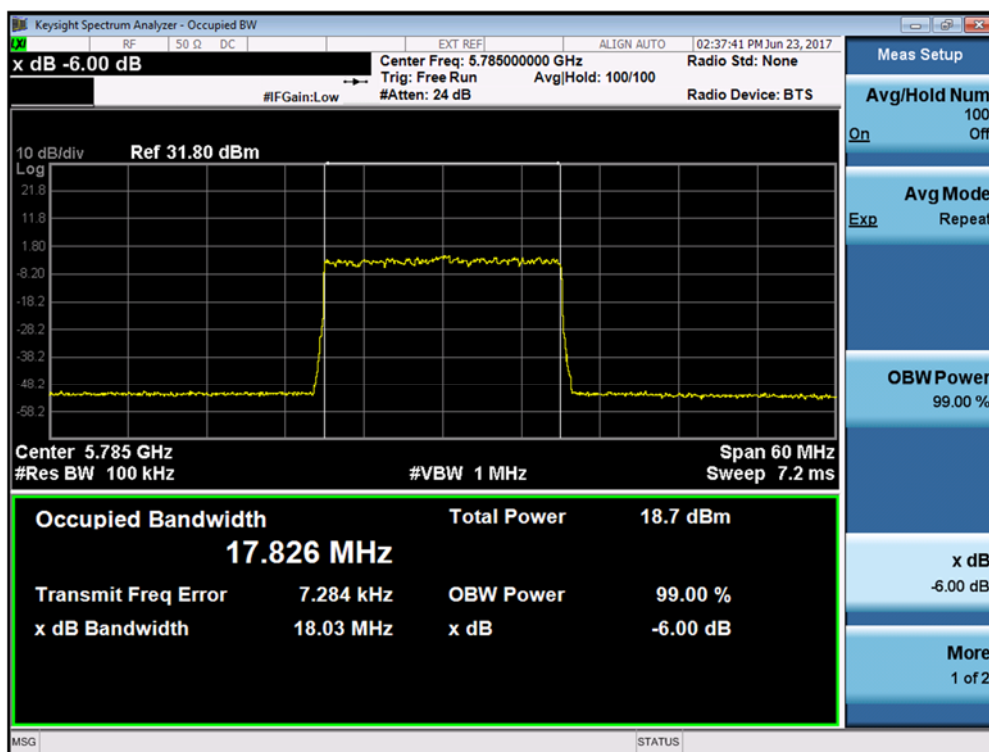


Product Service

### Channel Position T - QPSK / -6dB Bandwidth 20.0 MHz



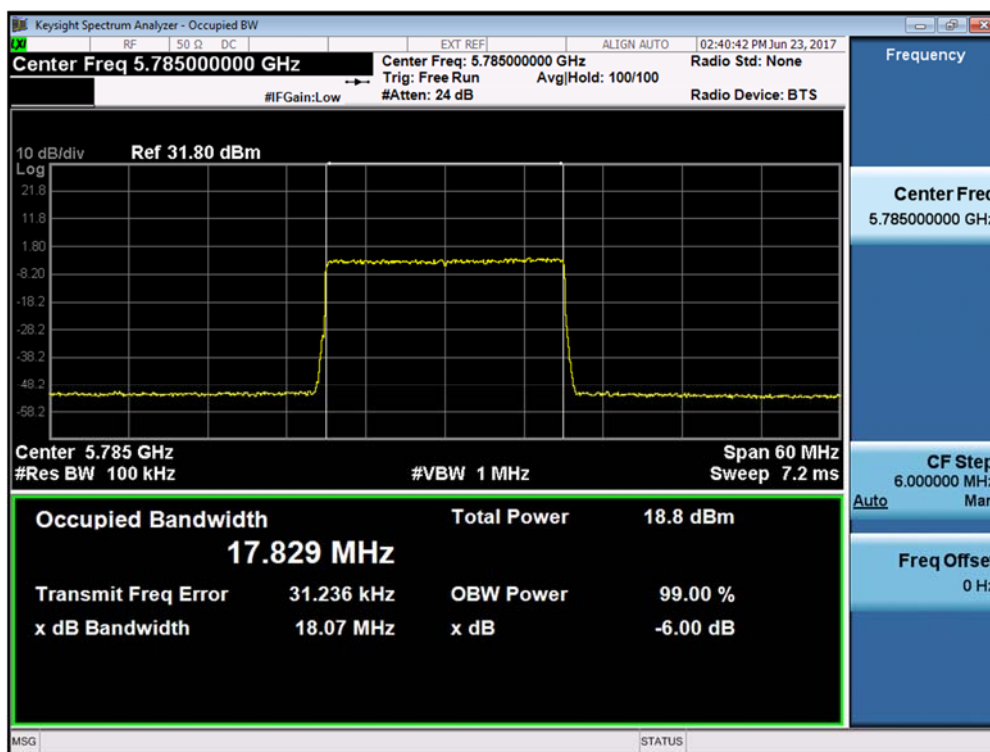
### Channel Position M - 16QAM / -6dB Bandwidth 20.0 MHz



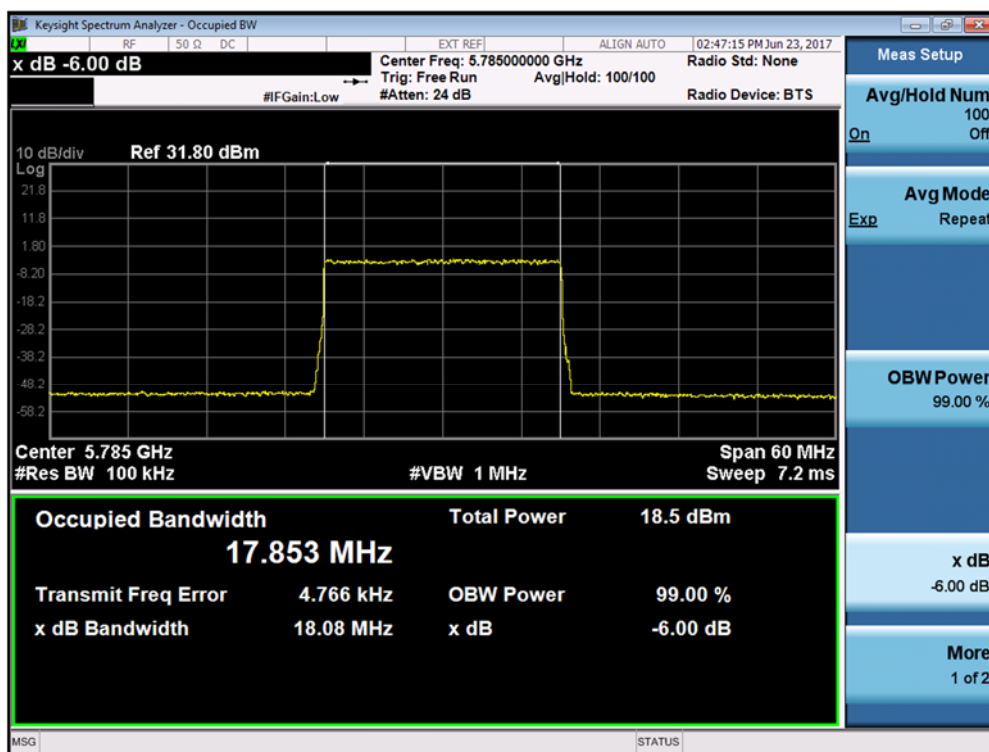


Product Service

### Channel Position M - 64QAM / -6dB Bandwidth 20.0 MHz



### Channel Position M - 256QAM / -6dB Bandwidth 20.0 MHz





Product Service

### Configuration B1

L-MIMO-SC

Maximum Output Power 25.0dBm per port

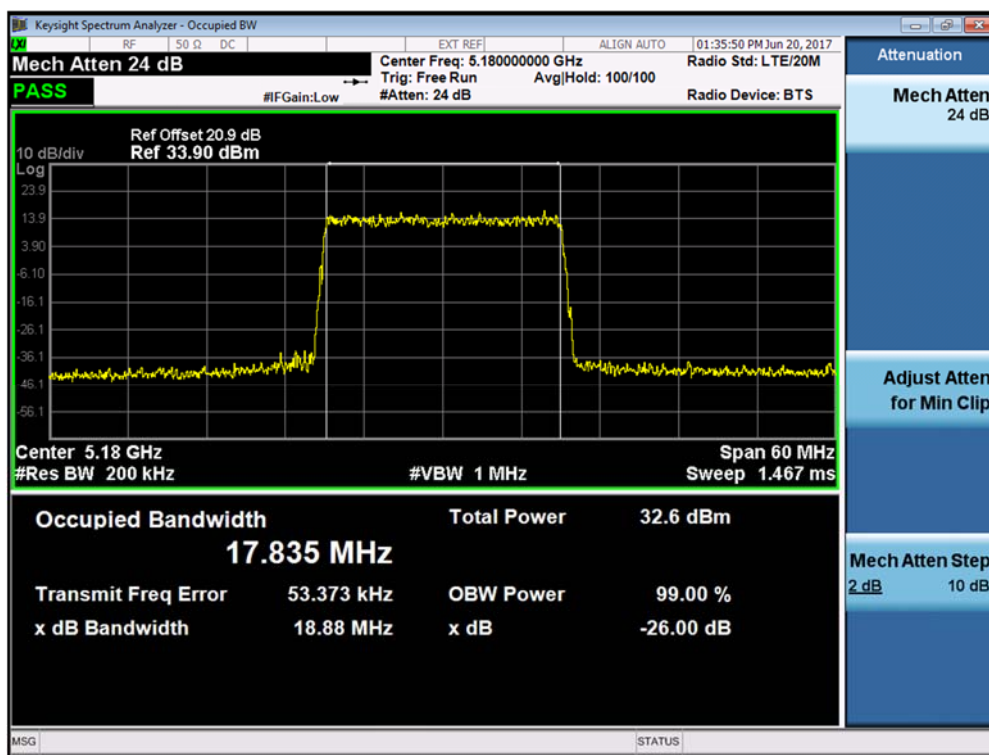
-26dBc and 99% Occupied Bandwidth for FCC requirement

| Modulation / Bandwidth | Occupied Bandwidth (MHz)        |                  |                                 |                  |                                 |                  |
|------------------------|---------------------------------|------------------|---------------------------------|------------------|---------------------------------|------------------|
|                        | Channel Position B<br>5180.0MHz |                  | Channel Position M<br>5220.0MHz |                  | Channel Position T<br>5240.0MHz |                  |
|                        | -26dB<br>Bandwidth              | 99%<br>Bandwidth | -26dB<br>Bandwidth              | 99%<br>Bandwidth | -26dB<br>Bandwidth              | 99%<br>Bandwidth |
| QPSK / 20.0 MHz        | 18.880                          | 17.835           | 18.760                          | 17.886           | 18.860                          | 17.827           |
| 16QAM / 20.0 MHz       | 18.710                          | 17.851           | 18.820                          | 17.848           | 18.790                          | 17.810           |
| 64QAM / 20.0 MHz       | 18.860                          | 17.808           | 18.770                          | 17.878           | 18.690                          | 17.874           |
| 256QAM / 20.0 MHz      | 18.890                          | 17.849           | 18.680                          | 17.887           | 18.730                          | 17.851           |

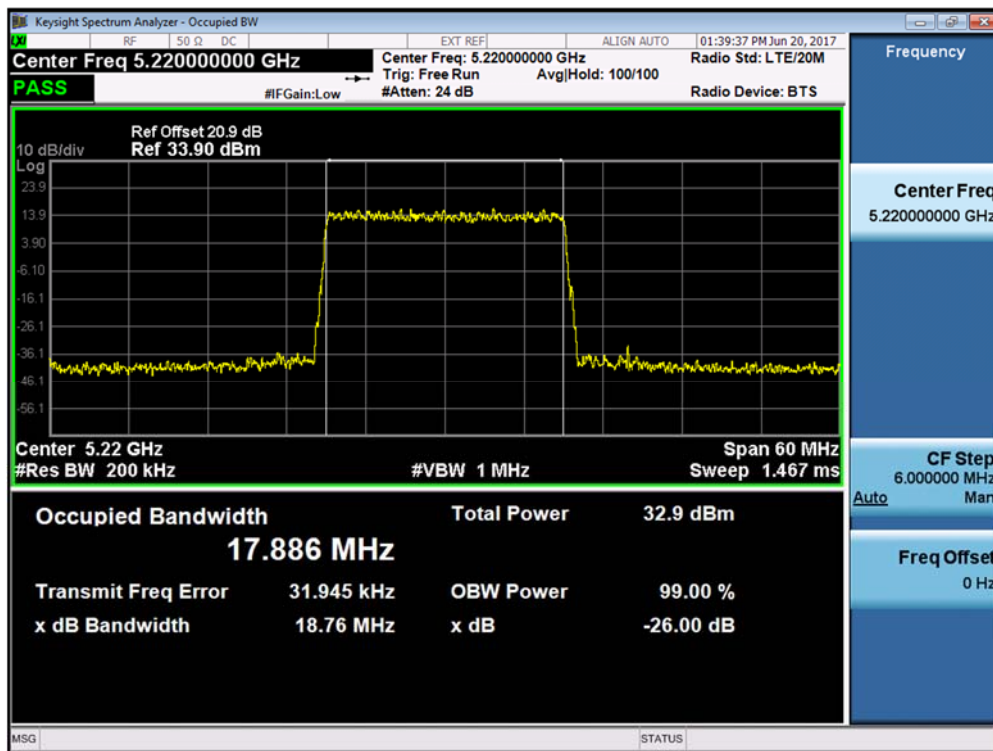


Product Service

### Channel Position B - QPSK / Bandwidth 20.0 MHz



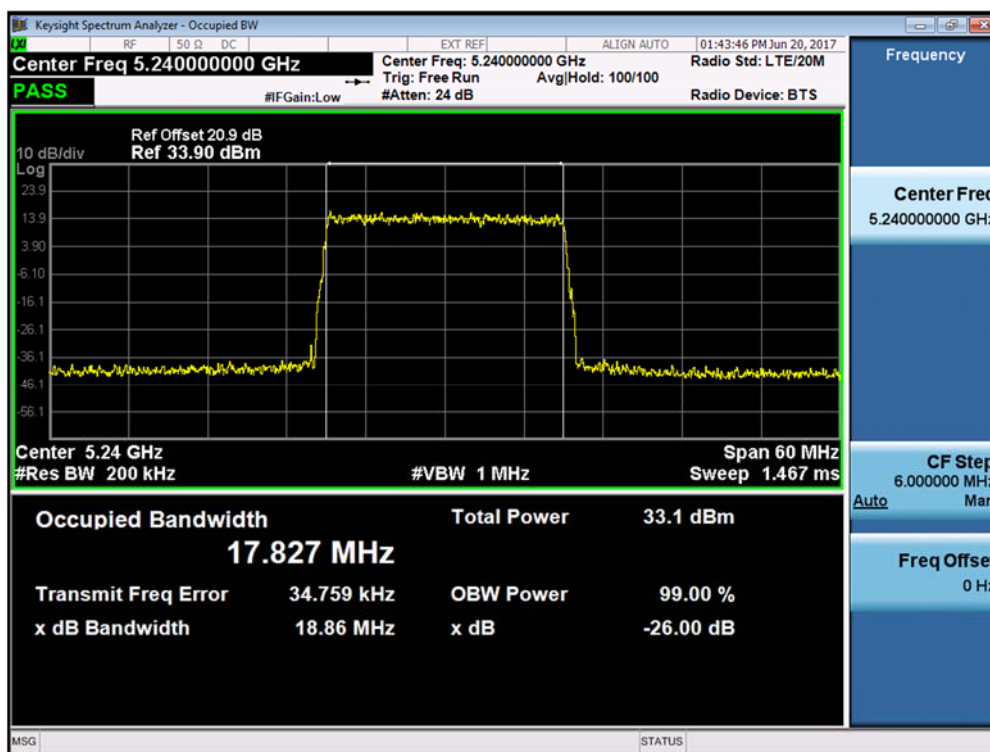
### Channel Position M - QPSK / Bandwidth 20.0 MHz



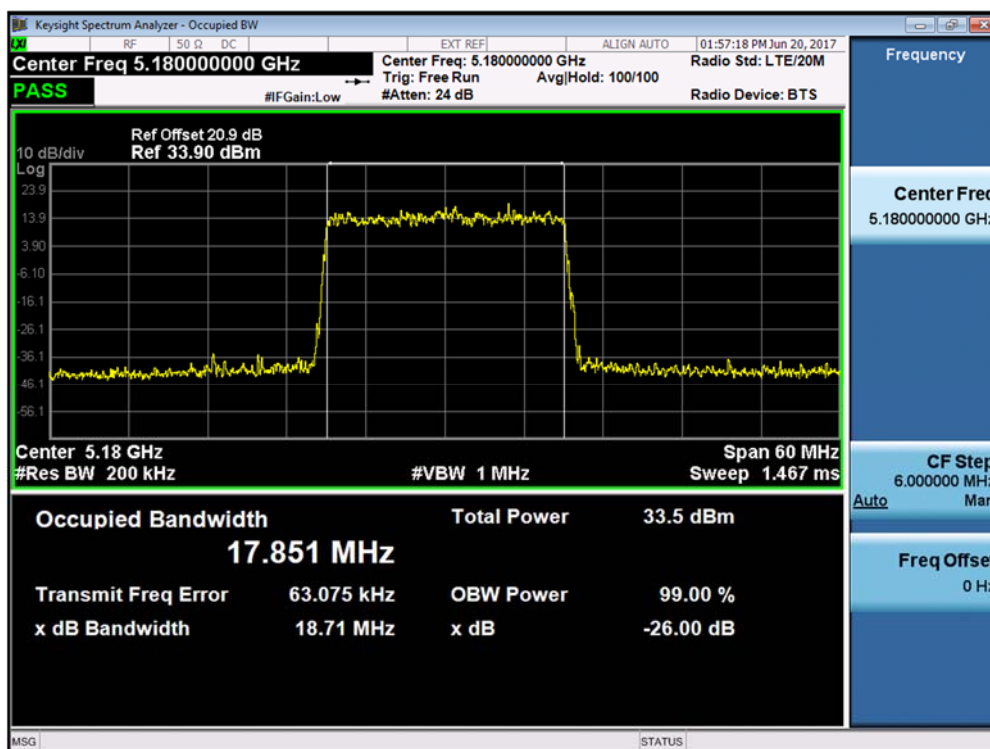


Product Service

### Channel Position T - QPSK / Bandwidth 20.0 MHz



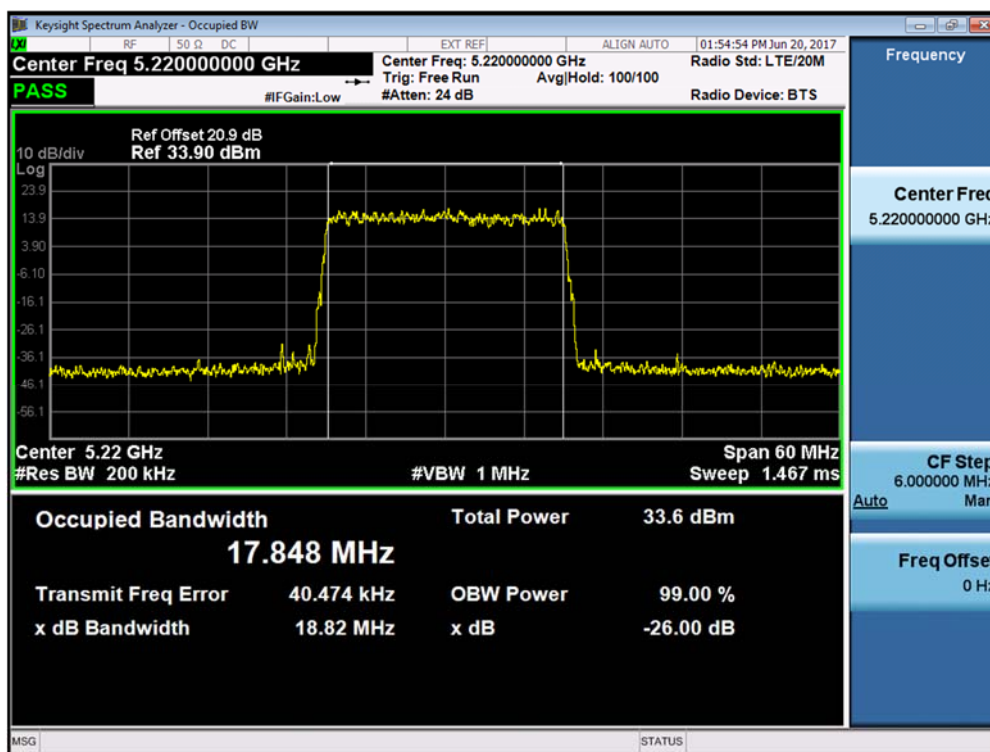
### Channel Position B - 16QAM / Bandwidth 20.0 MHz



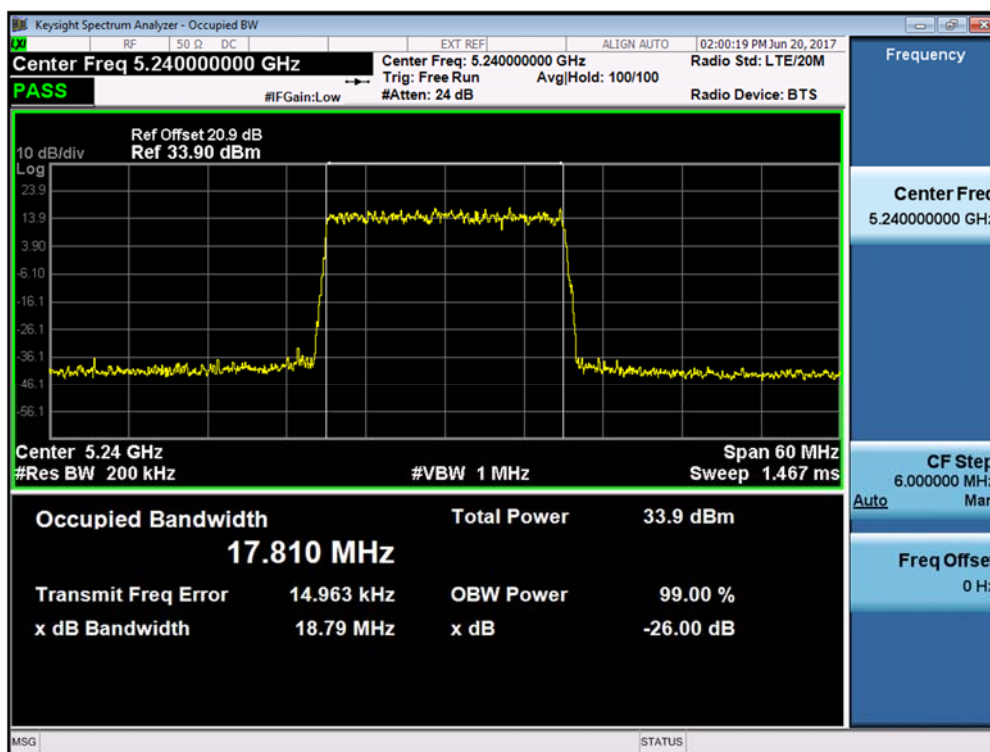


Product Service

### Channel Position M - 16QAM / Bandwidth 20.0 MHz



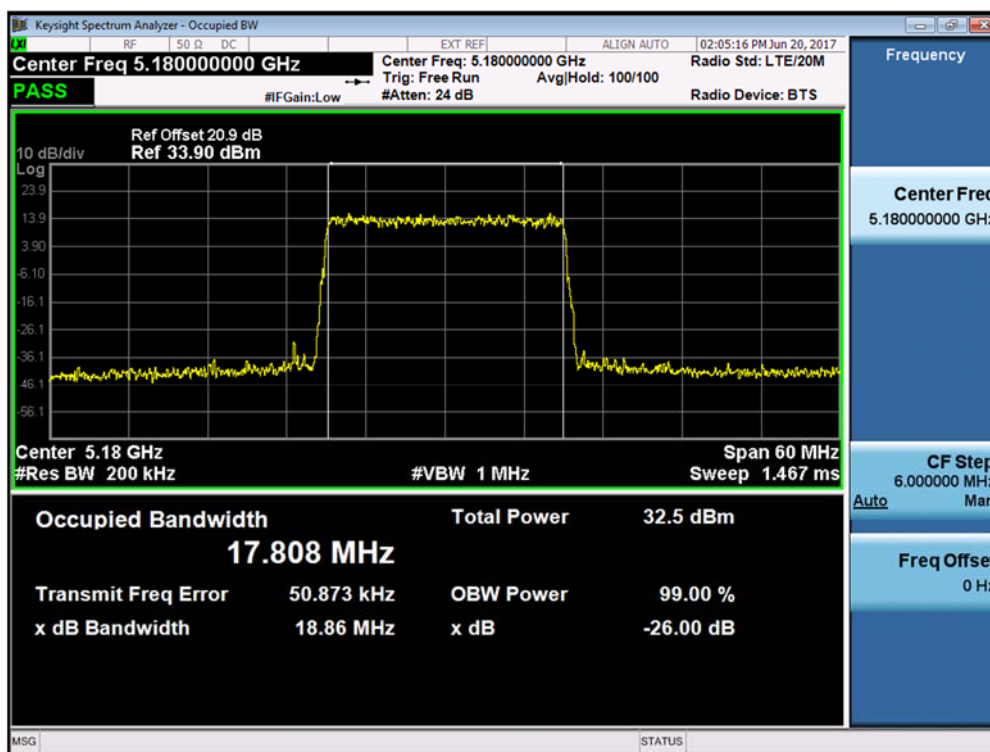
### Channel Position T - 16QAM / Bandwidth 20.0 MHz



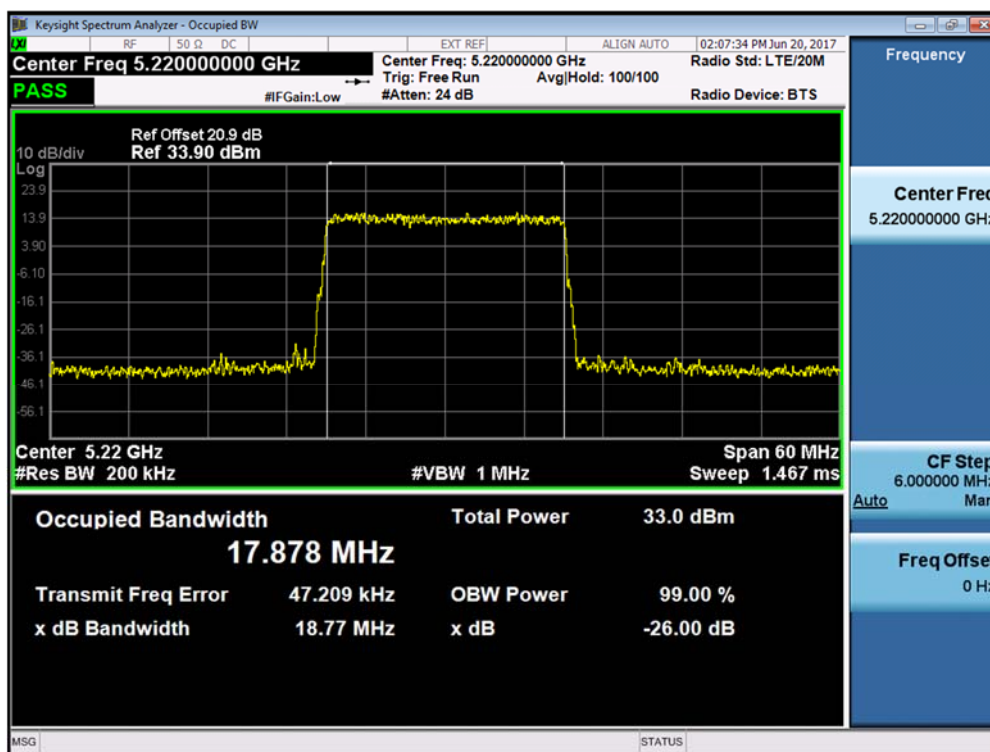


Product Service

### Channel Position B - 64QAM / Bandwidth 20.0 MHz



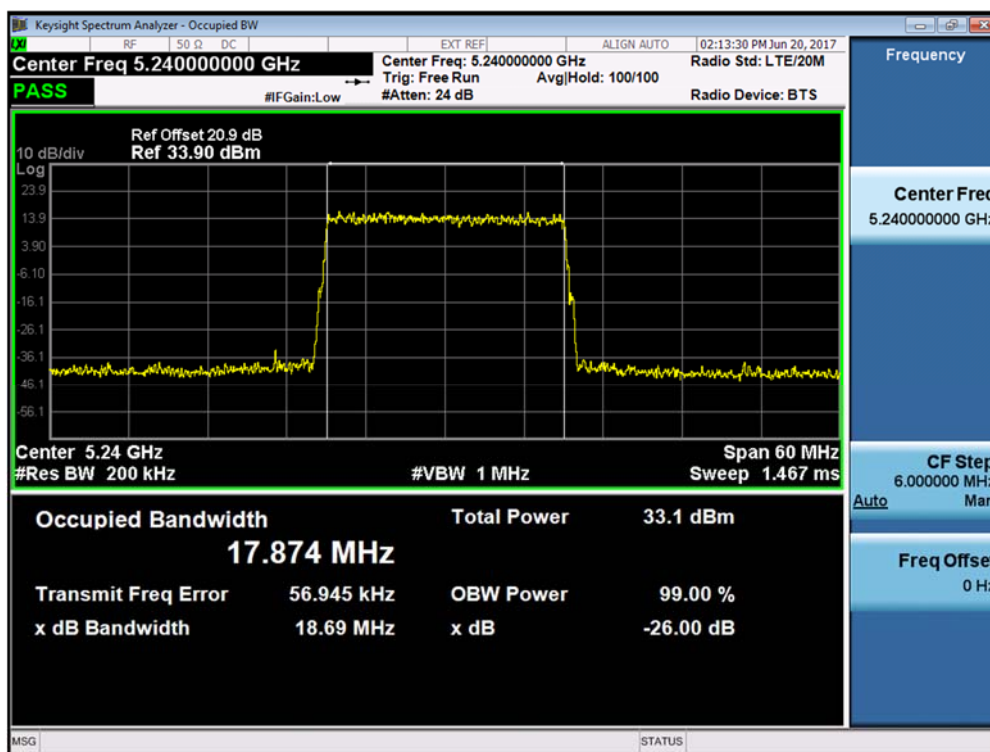
### Channel Position M - 64QAM / Bandwidth 20.0 MHz



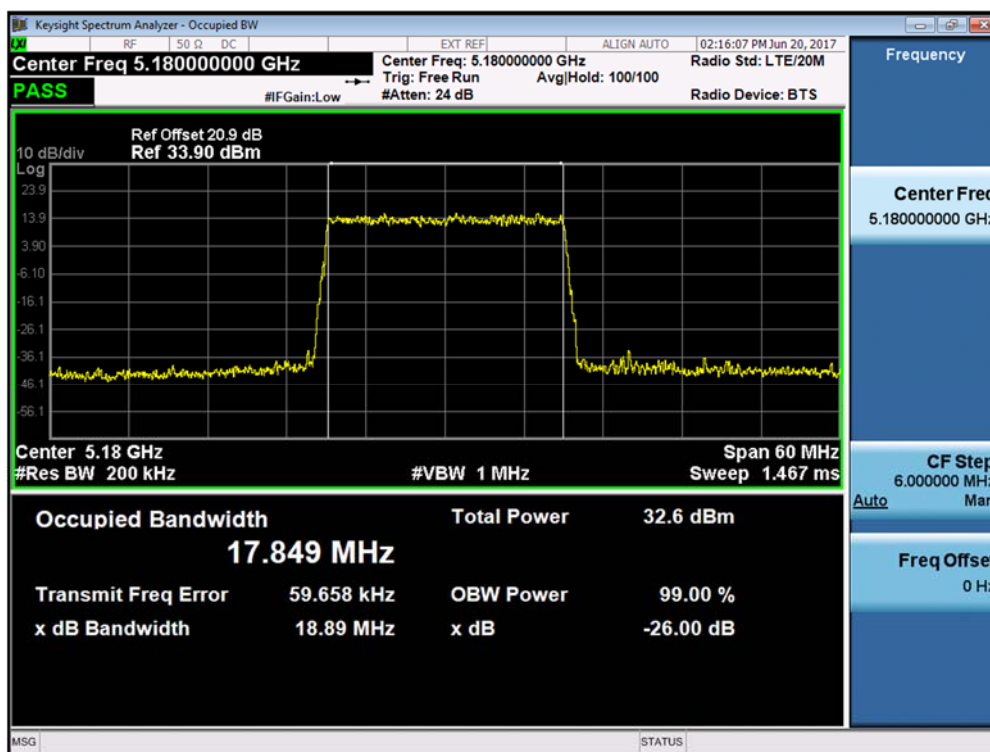


Product Service

### Channel Position T - 64QAM / Bandwidth 20.0 MHz



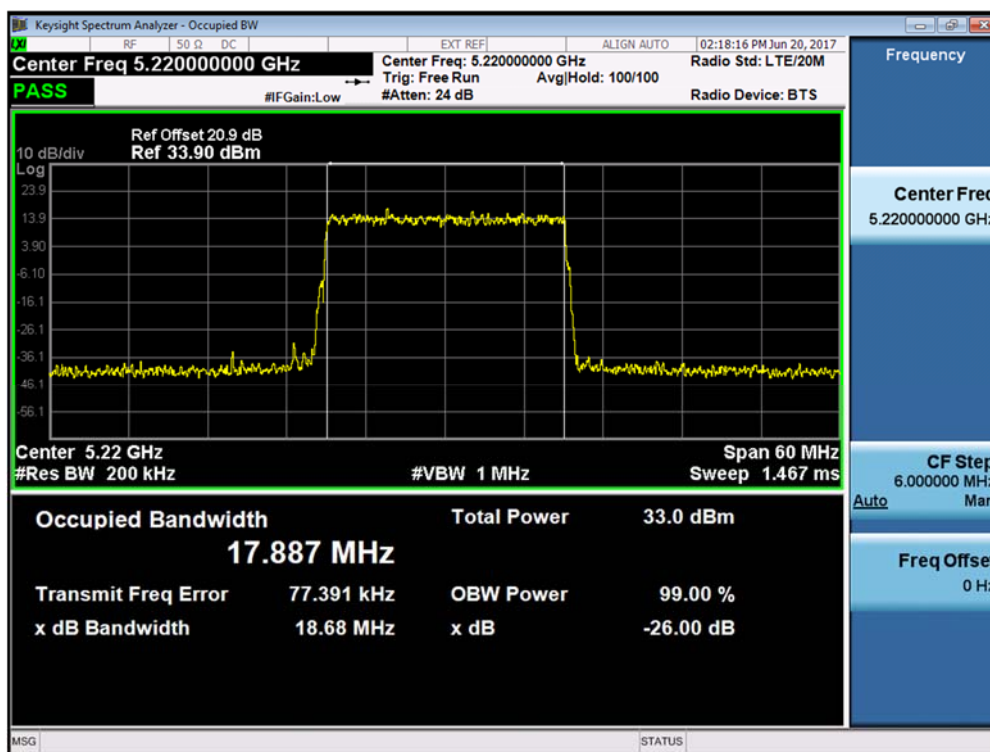
### Channel Position B - 256QAM / Bandwidth 20.0 MHz



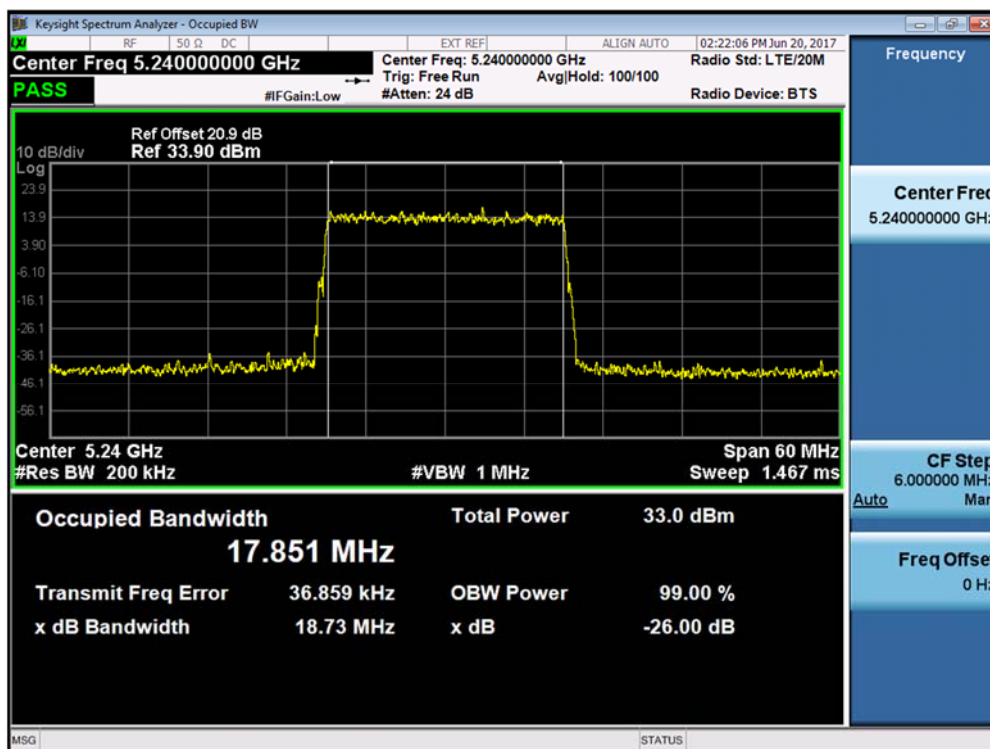


Product Service

### Channel Position M - 256QAM / Bandwidth 20.0 MHz



### Channel Position T - 256QAM / Bandwidth 20.0 MHz



## Configuration B2

L-MIMO-SC

Maximum Output Power 25.0dBm per port

-26dBc and 99% Occupied Bandwidth for FCC requirement

| Modulation / Bandwidth | Occupied Bandwidth (MHz)        |                  |                                 |                  |                                 |                  |
|------------------------|---------------------------------|------------------|---------------------------------|------------------|---------------------------------|------------------|
|                        | Channel Position B<br>5745.0MHz |                  | Channel Position M<br>5785.0MHz |                  | Channel Position T<br>5825.0MHz |                  |
|                        | -26dB<br>Bandwidth              | 99%<br>Bandwidth | -26dB<br>Bandwidth              | 99%<br>Bandwidth | -26dB<br>Bandwidth              | 99%<br>Bandwidth |
| QPSK / 20.0 MHz        | 18.840                          | 17.837           | 18.830                          | 17.861           | 18.810                          | 17.827           |
| 16QAM / 20.0 MHz       | 18.860                          | 17.881           | 18.860                          | 17.837           | 18.760                          | 17.868           |
| 64QAM / 20.0 MHz       | 18.800                          | 17.849           | 18.510                          | 17.836           | 18.510                          | 17.839           |
| 256QAM / 20.0 MHz      | 18.620                          | 17.823           | 18.580                          | 17.855           | 18.570                          | 17.864           |

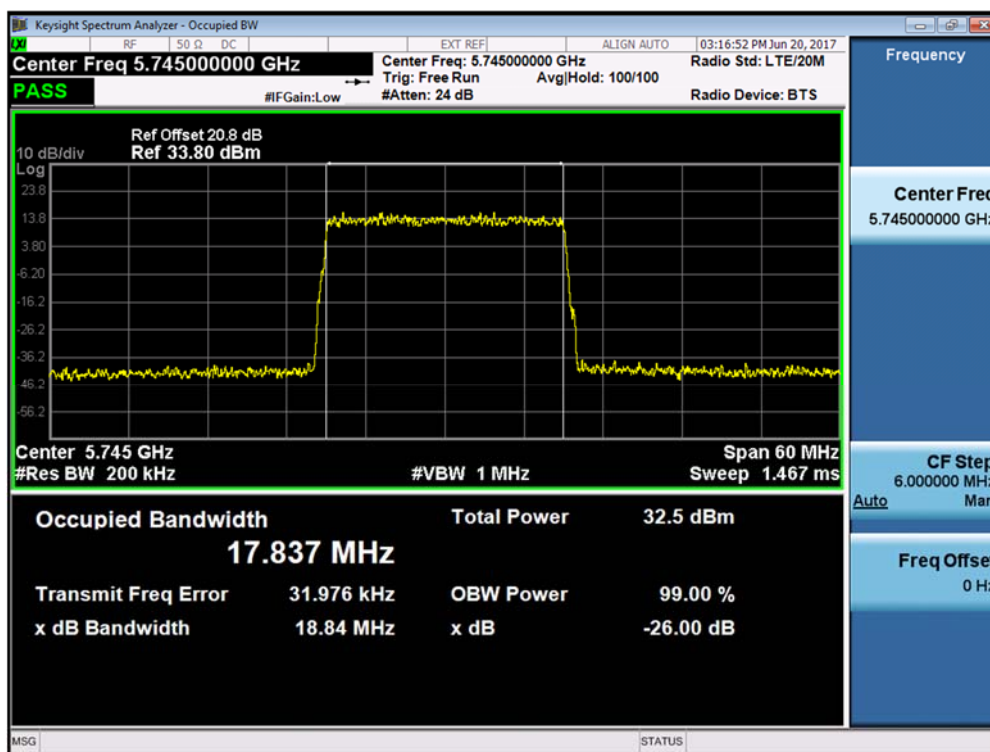
-6dBc Occupied Bandwidth for FCC requirement

| Modulation / Bandwidth | Occupied Bandwidth (MHz)        |                                 |                                 |
|------------------------|---------------------------------|---------------------------------|---------------------------------|
|                        | Channel Position B<br>5745.0MHz | Channel Position M<br>5785.0MHz | Channel Position T<br>5825.0MHz |
| QPSK / 20.0 MHz        | 18.030                          | 18.020                          | 18.030                          |
| 16QAM / 20.0 MHz       | 18.020                          | 18.010                          | 18.020                          |
| 64QAM / 20.0 MHz       | 18.020                          | 18.050                          | 18.010                          |
| 256QAM / 20.0 MHz      | 18.040                          | 18.050                          | 18.050                          |

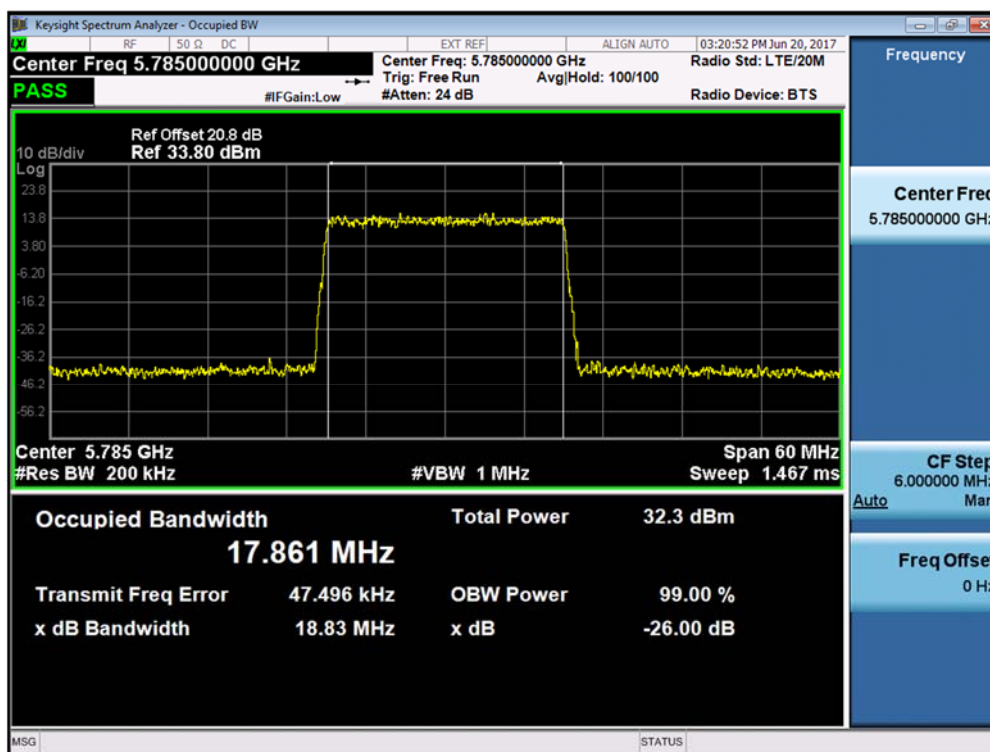


Product Service

### Channel Position B - QPSK / Bandwidth 20.0 MHz



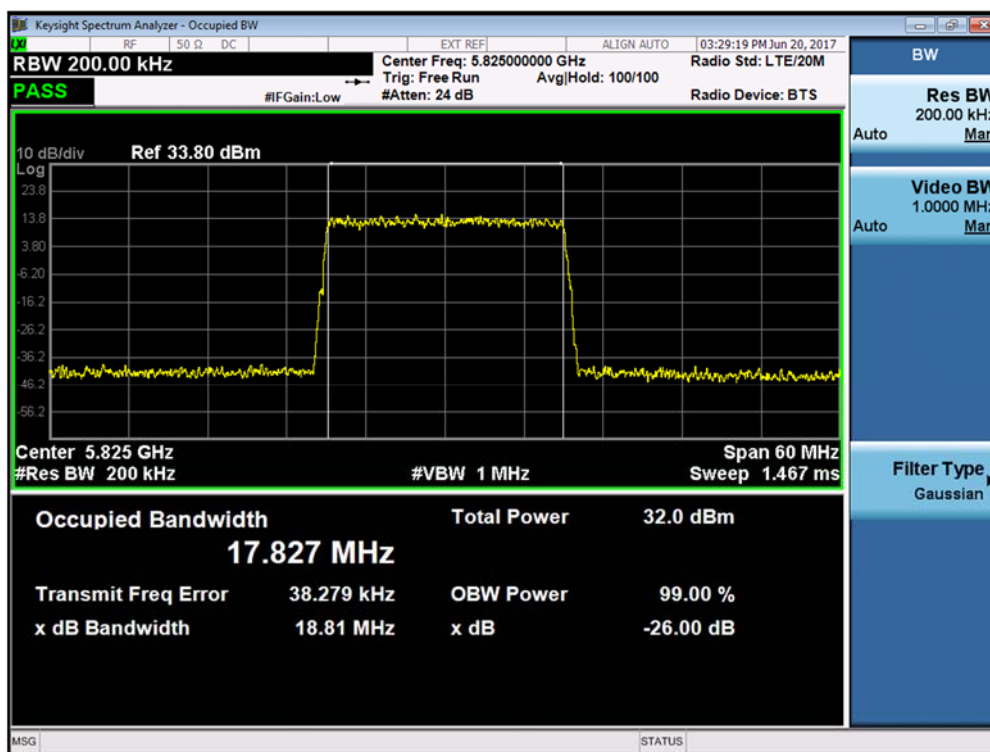
### Channel Position M - QPSK / Bandwidth 20.0 MHz



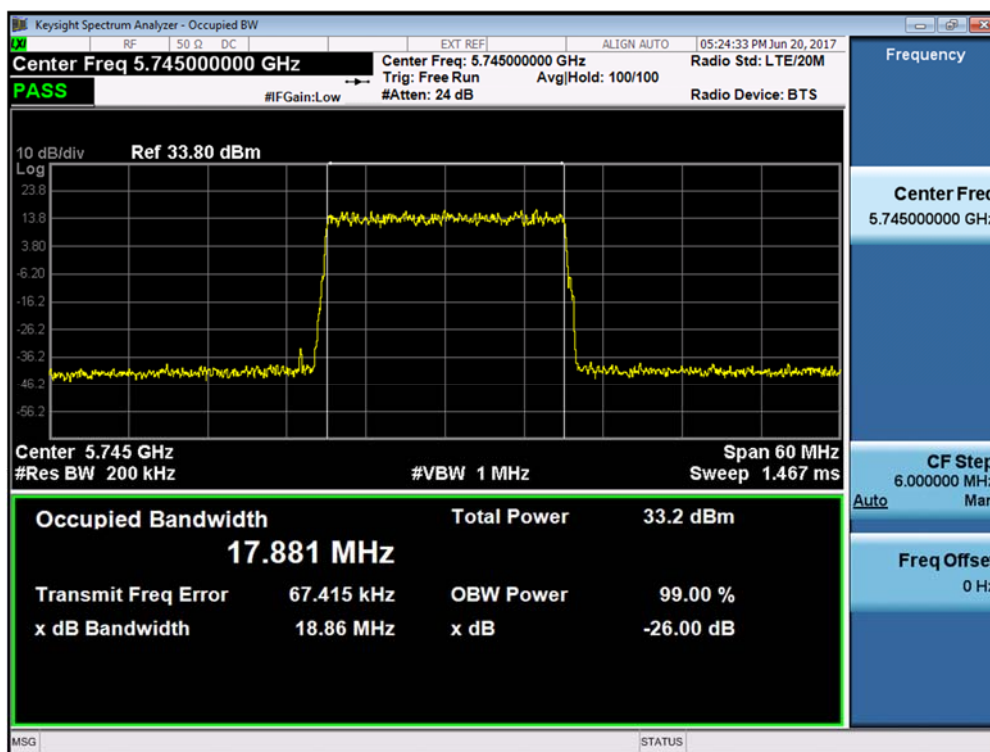


Product Service

### Channel Position T - QPSK / Bandwidth 20.0 MHz



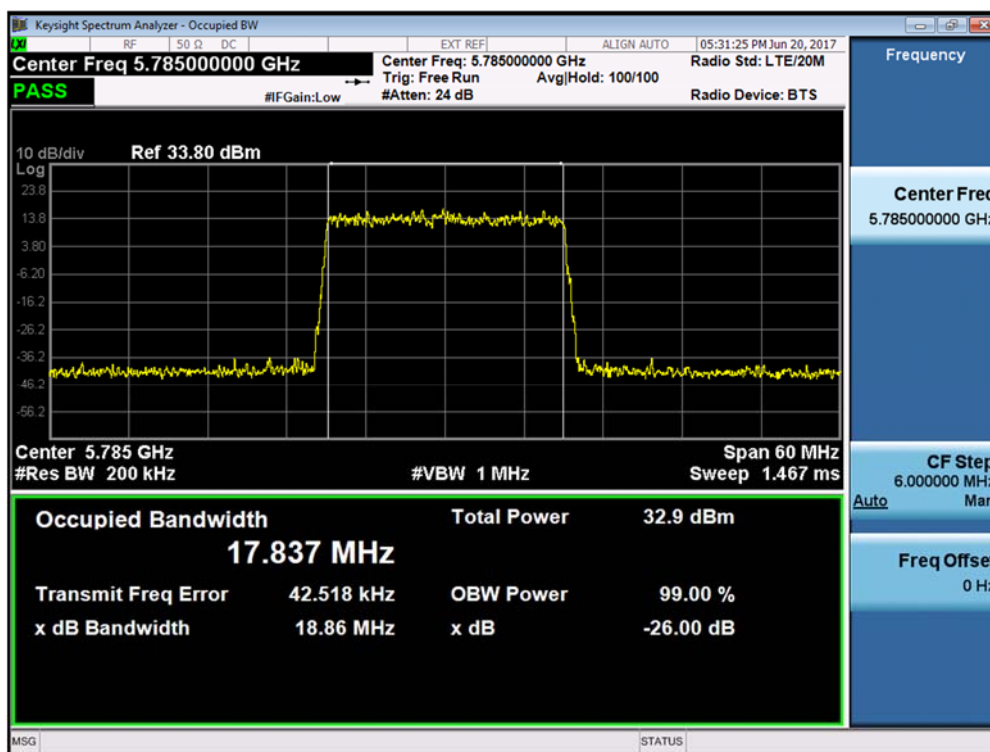
### Channel Position B - 16QAM / Bandwidth 20.0 MHz



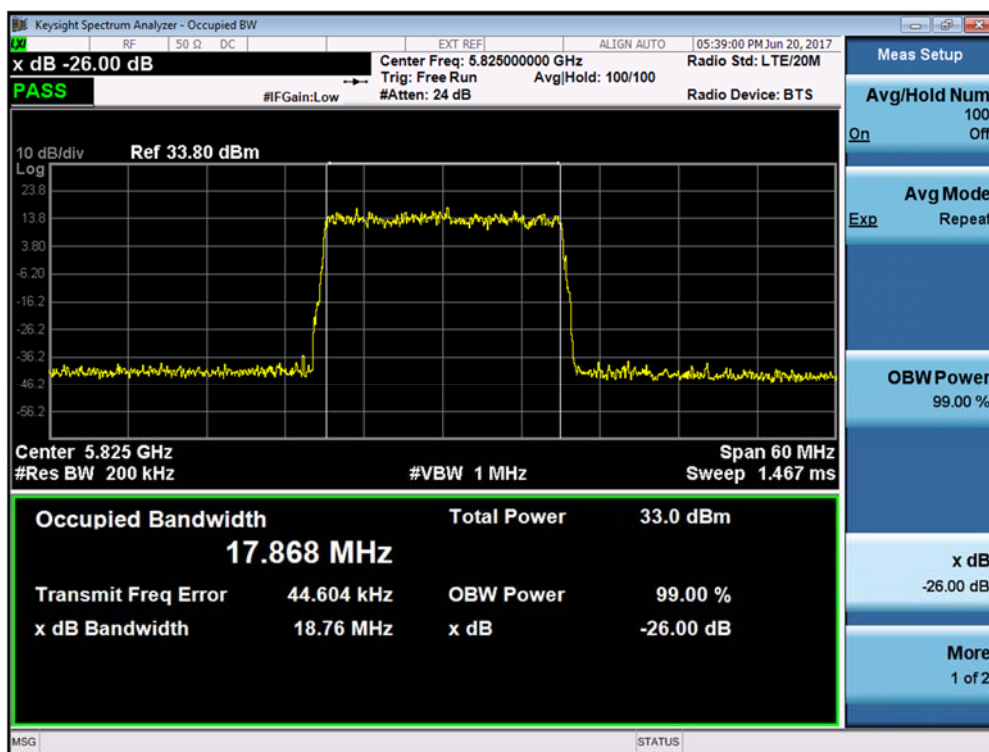


Product Service

### Channel Position M - 16QAM / Bandwidth 20.0 MHz



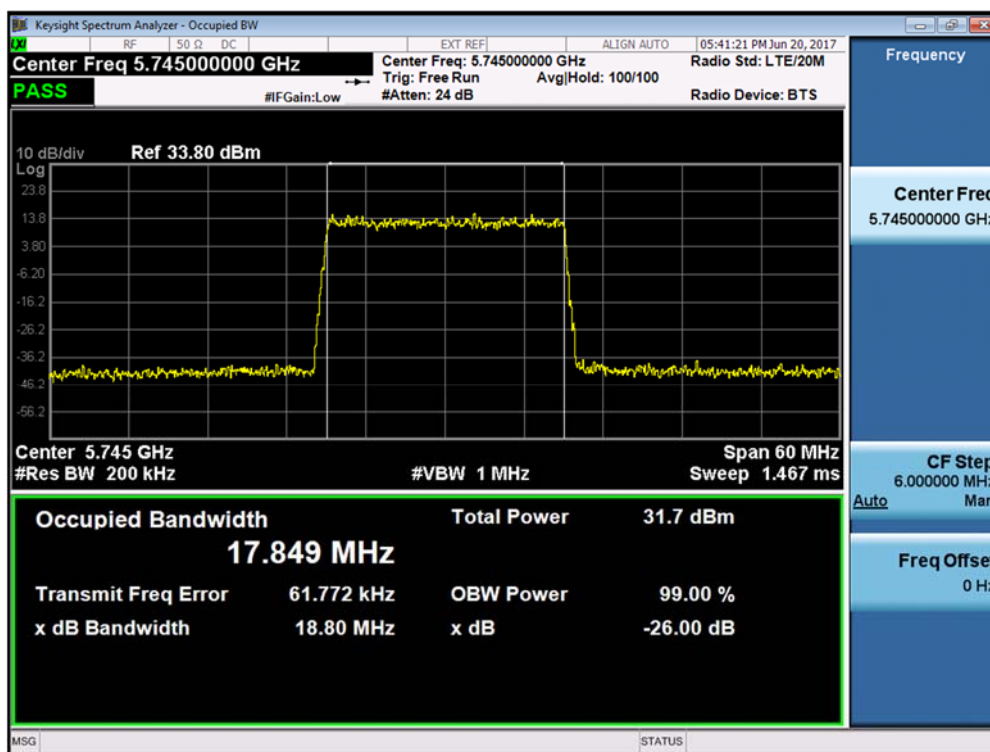
### Channel Position T - 16QAM / Bandwidth 20.0 MHz



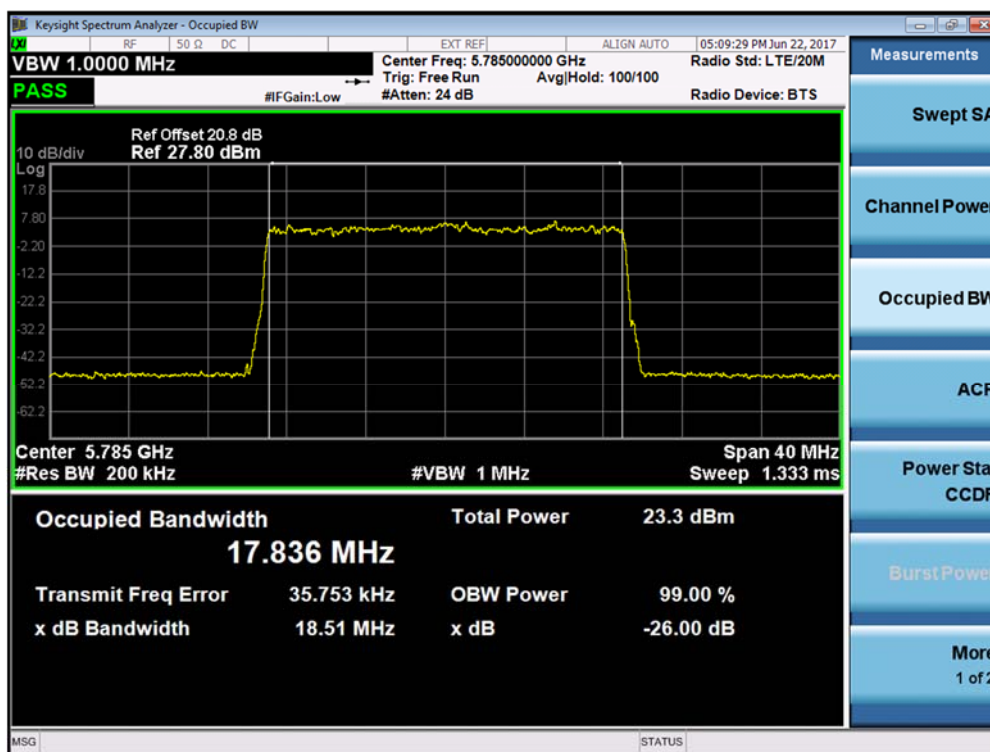


Product Service

### Channel Position B - 64QAM / Bandwidth 20.0 MHz



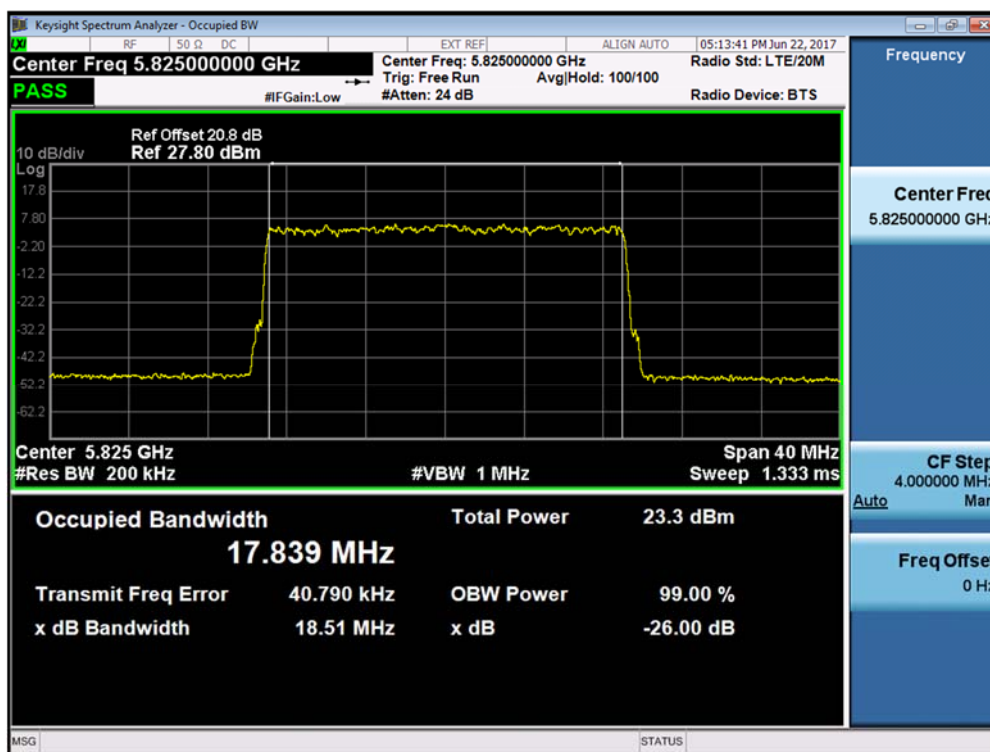
### Channel Position M - 64QAM / Bandwidth 20.0 MHz





Product Service

### Channel Position T - 64QAM / Bandwidth 20.0 MHz



### Channel Position B - 256QAM / Bandwidth 20.0 MHz

