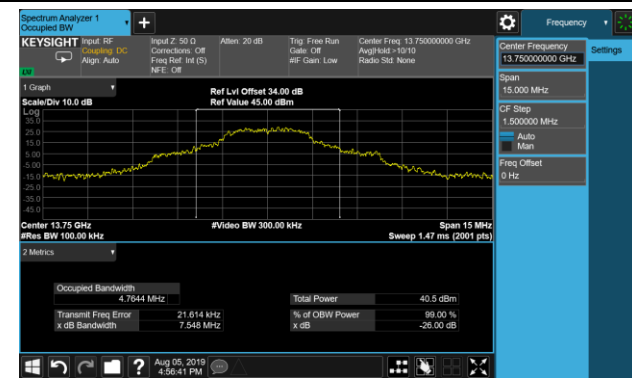
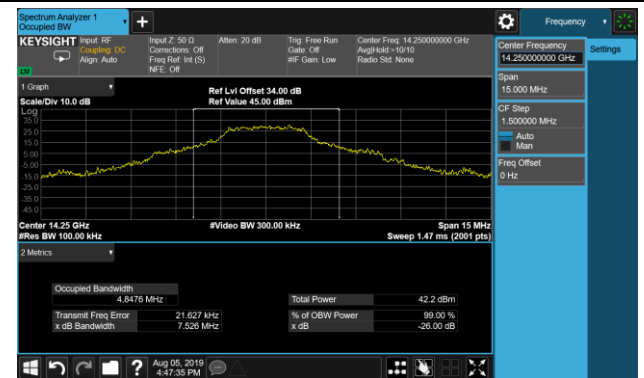


## OQPSK (5000kbps) - 99% Bandwidth

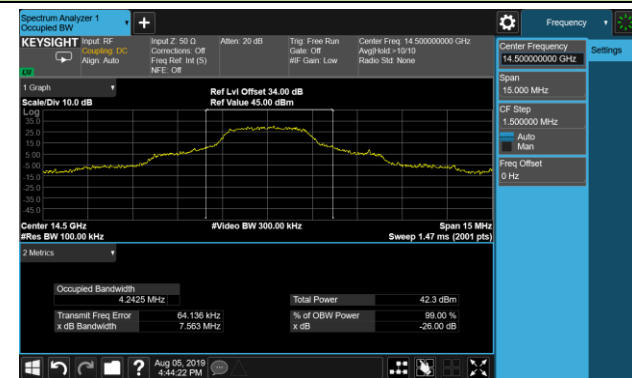
### Low Channel (13750MHz)



### Mid Channel (14250MHz)

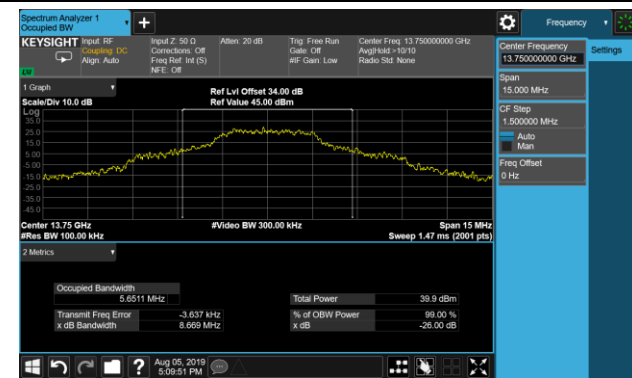


### High Channel (14500MHz)

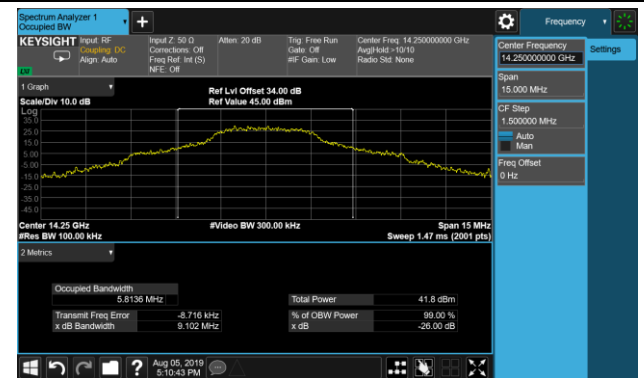


## 1/2 OQPSK (3000kbps) - 99% Bandwidth

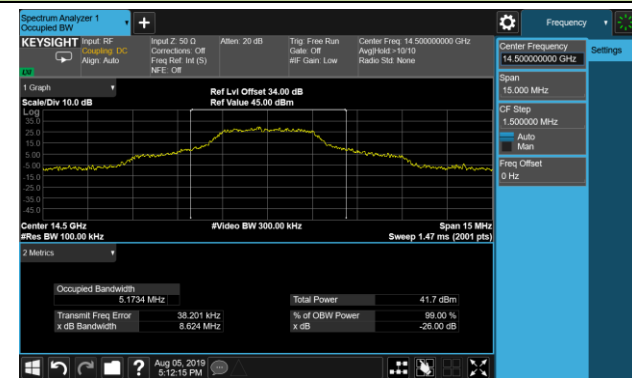
### Low Channel (13750MHz)



### Mid Channel (14250MHz)

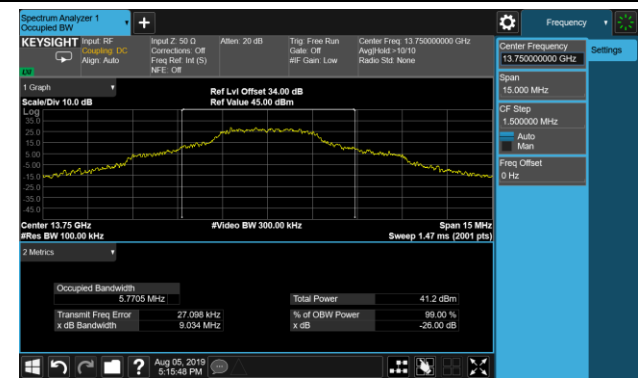


### High Channel (14500MHz)

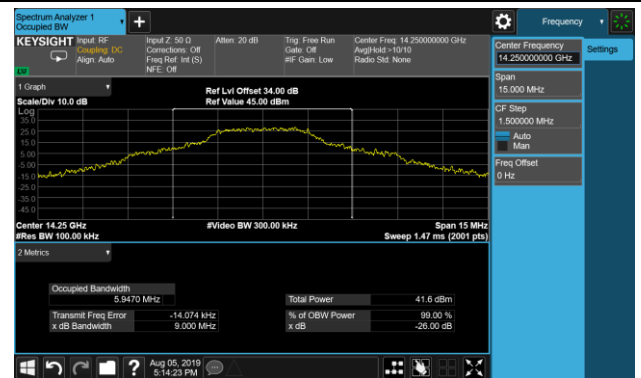


### 3/4 OQPSK (4500kbps) - 99% Bandwidth

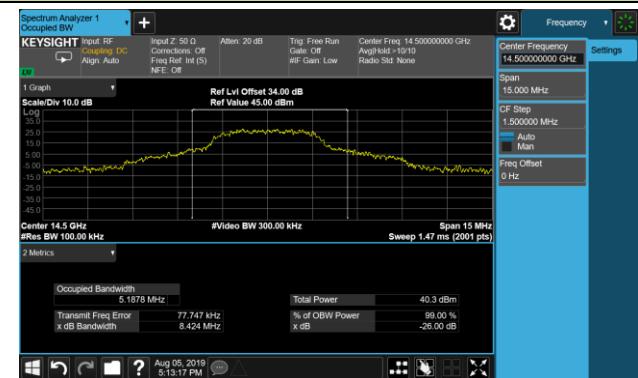
#### Low Channel (13750MHz)



#### Mid Channel (14250MHz)

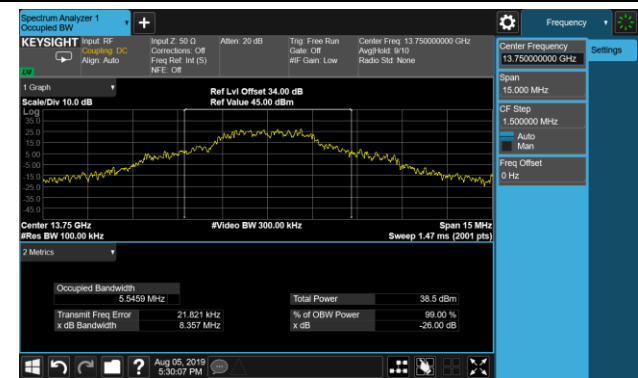


#### High Channel (14500MHz)

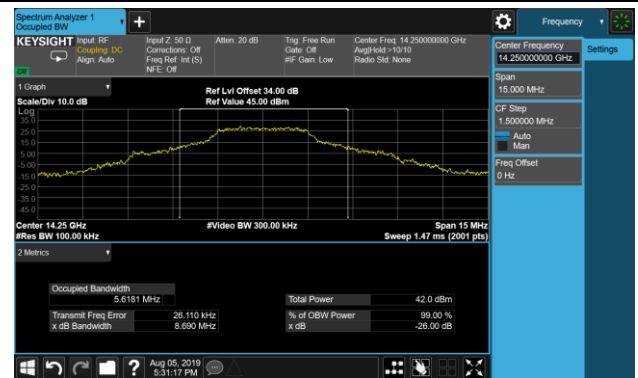


## 7/8 OQPSK (5000kbps) - 99% Bandwidth

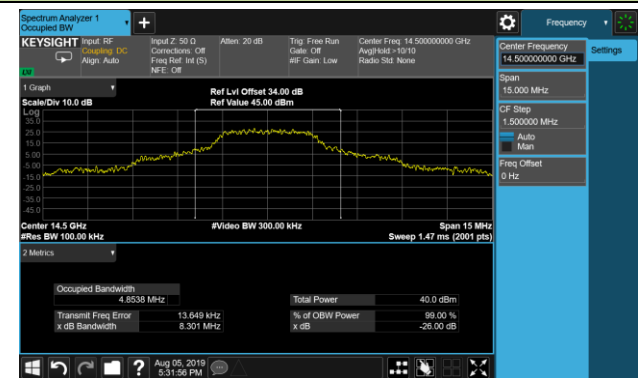
### Low Channel (13750MHz)



### Mid Channel (14250MHz)

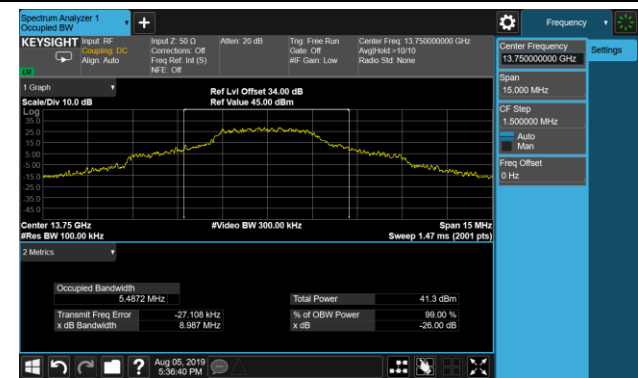


### High Channel (14500MHz)

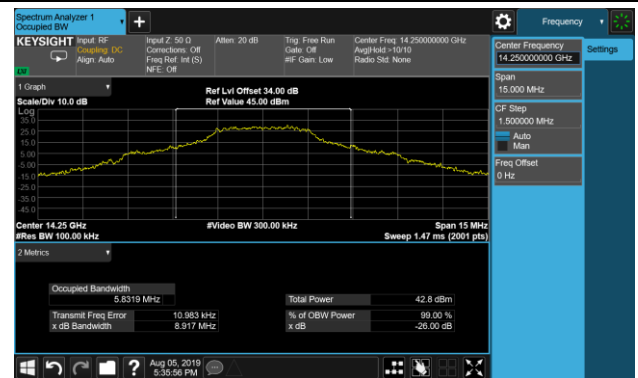


## 21/44 OQPSK (2863.636kbps) - 99% Bandwidth

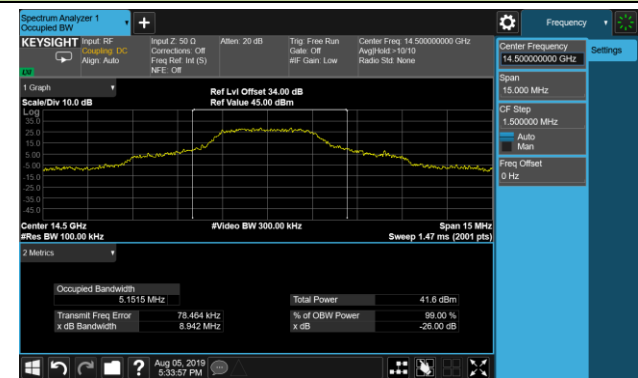
## Low Channel (13750MHz)



## Mid Channel (14250MHz)



## High Channel (14500MHz)



### **6.3. Power Spectral Density & Output Power Measurement**

#### **6.3.1. Test Limit**

##### **Part 25.203(c)(ix)**

Maximum equivalent isotropically radiated power (e.i.r.p.) density in the main beam in any 4kHz band, (dBW/4kHz) for frequency bands below 15GHz or in any 1MHz band (dBW/MHz) for frequency band above 15GHz,

##### **FCC Part 25.204(a)**

In bands shared coequally with terrestrial radio communication services, the equivalent isotropically radiated power transmitted in any direction towards the horizon by an earth station, other than an ESV, operating in frequency bands between 1 and 15GHz, shall not exceed the following limits except as provided for in paragraph(c) of this section:

+ 40dBW in any 4 kHz band for  $\theta \leq 0^\circ$

+ 40 + 3 $\theta$ dBW in any 4 kHz band for  $0^\circ < \theta \leq 5^\circ$

where  $\theta$  is the angle of elevation of the horizon viewed from the center of radiation of the antenna of the earth station and measured in degrees as positive above the horizontal plane and negative below it.

#### **6.3.2. Test Procedure Used**

ANSI C63.26-2015 - Section 5.2.4.5 & 5.2.4.4.1 (Power Spectral Density Measurement)

ANSI C63.26-2015 - Section 5.2.4.2 (Output Power Measurement)

### 6.3.3. Test Setting

#### **Power Spectral Density Measurement using spectrum analyzer**

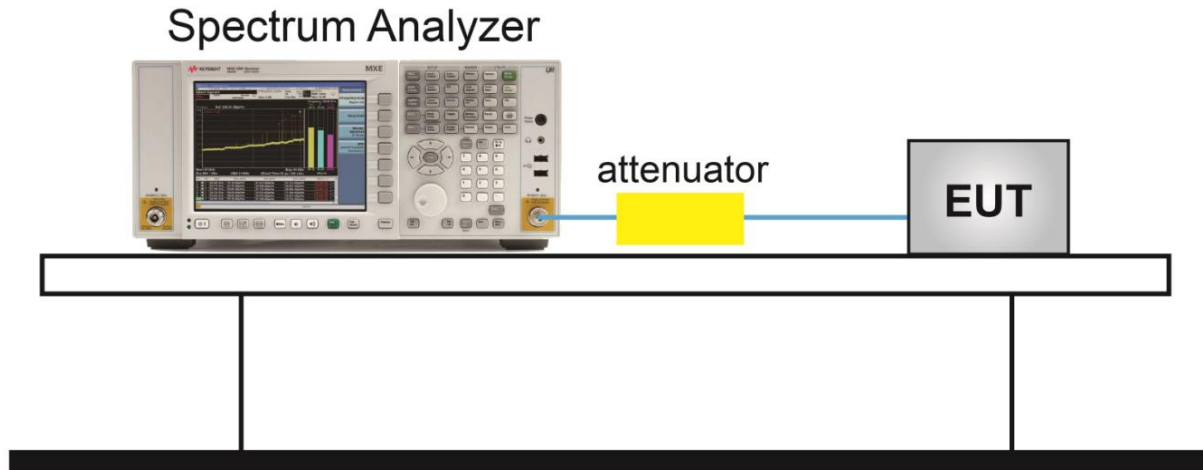
1. Set span to 2 to 3 times the OBW
2. Set RBW = 1% to 5% of the OBW  
  
(RBW shall set to the reference bandwidth specified by the applicable regulatory requirement, so set RBW = 3 kHz herein for measurement)
3. Set VBW  $\geq 3 \times$  RBW
4. Set number of measurement points in sweep  $\geq 2 \times$  span / RBW
5. Detector = power averaging (RMS)
6. Trace mode = Trace average
7. Trace was allowed to stabilize
8.  $10 \times \log(4\text{kHz}/3\text{kHz}) = 1.25\text{dB}$  was added to the reference offset to correct the result relative to any 4kHz band as per the requirement in 25.202(f)(1).

#### **Output Power Measurement using a gated RF average-reading power meter**

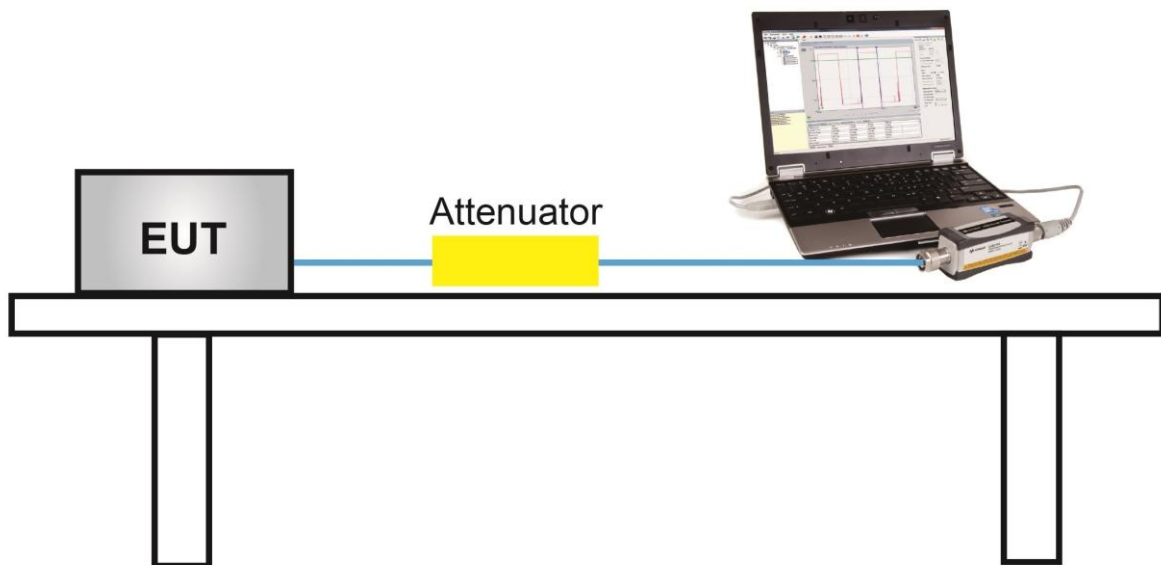
Measurements may be performed using a wideband gated RF power meter provided that the gate parameters are adjusted such that the power is measured only when the EUT is transmitting at its maximum power control level. Since this measurement is made only during the ON time of the transmitter, no duty cycle correction is required.

### 6.3.4.Test Setup

#### For Power Spectral Density Measurement



#### For Output Power Measurement





### 6.3.5. Test Result

|               |                                                        |                   |                         |
|---------------|--------------------------------------------------------|-------------------|-------------------------|
| Product       | Flat Panel Integrated Satellite Communication Terminal | Temperature       | 25°C                    |
| Test Engineer | Bruce Wang                                             | Relative Humidity | 52%                     |
| Test Site     | TR3                                                    | Test Date         | 2019/08/02 ~ 2019/08/03 |

### Test Result of Average Power Spectral Density (Low Data Rate):

| Test Mode  | Date Rate (kbps) | Channel | Test Frequency (MHz) | Average PSD (dBm/4kHz) | Final PSD (dBm/4kHz) | Limit (dBm/4kHz) | Result |
|------------|------------------|---------|----------------------|------------------------|----------------------|------------------|--------|
| BPSK       | 256              | Low     | 13750                | 16.54                  | 52.76                | $\leq 70$        | Pass   |
|            | 256              | Mid     | 14250                | 16.93                  | 53.15                | $\leq 70$        | Pass   |
|            | 256              | High    | 14500                | 16.08                  | 52.30                | $\leq 70$        | Pass   |
| 1/2 BPSK   | 256              | Low     | 13750                | 13.51                  | 49.73                | $\leq 70$        | Pass   |
|            | 256              | Mid     | 14250                | 13.94                  | 50.16                | $\leq 70$        | Pass   |
|            | 256              | High    | 14500                | 13.46                  | 49.68                | $\leq 70$        | Pass   |
| 5/16 BPSK  | 256              | Low     | 13750                | 11.85                  | 48.07                | $\leq 70$        | Pass   |
|            | 256              | Mid     | 14250                | 12.81                  | 49.03                | $\leq 70$        | Pass   |
|            | 256              | High    | 14500                | 11.65                  | 47.87                | $\leq 70$        | Pass   |
| 21/44 BPSK | 256              | Low     | 13750                | 13.42                  | 49.64                | $\leq 70$        | Pass   |
|            | 256              | Mid     | 14250                | 13.64                  | 49.86                | $\leq 70$        | Pass   |
|            | 256              | High    | 14500                | 13.16                  | 49.38                | $\leq 70$        | Pass   |
| QPSK       | 256              | Low     | 13750                | 19.79                  | 56.01                | $\leq 70$        | Pass   |
|            | 256              | Mid     | 14250                | 20.03                  | 56.25                | $\leq 70$        | Pass   |
|            | 256              | High    | 14500                | 19.45                  | 55.67                | $\leq 70$        | Pass   |
| 1/2 QPSK   | 256              | Low     | 13750                | 16.70                  | 52.92                | $\leq 70$        | Pass   |
|            | 256              | Mid     | 14250                | 17.24                  | 53.46                | $\leq 70$        | Pass   |
|            | 256              | High    | 14500                | 16.59                  | 52.81                | $\leq 70$        | Pass   |
| 3/4 QPSK   | 256              | Low     | 13750                | 18.61                  | 54.83                | $\leq 70$        | Pass   |
|            | 256              | Mid     | 14250                | 19.05                  | 55.27                | $\leq 70$        | Pass   |
|            | 256              | High    | 14500                | 18.32                  | 54.54                | $\leq 70$        | Pass   |
| 7/8 QPSK   | 256              | Low     | 13750                | 19.44                  | 55.66                | $\leq 70$        | Pass   |
|            | 256              | Mid     | 14250                | 19.50                  | 55.72                | $\leq 70$        | Pass   |
|            | 256              | High    | 14500                | 19.06                  | 55.28                | $\leq 70$        | Pass   |
| 21/44 QPSK | 256              | Low     | 13750                | 16.93                  | 53.15                | $\leq 70$        | Pass   |
|            | 256              | Mid     | 14250                | 17.21                  | 53.43                | $\leq 70$        | Pass   |
|            | 256              | High    | 14500                | 16.66                  | 52.88                | $\leq 70$        | Pass   |

| Test Mode   | Date Rate (kbps) | Channel | Test Frequency (MHz) | Average PSD (dBm/4kHz) | Final PSD (dBm/4kHz) | Limit (dBm/4kHz) | Result |
|-------------|------------------|---------|----------------------|------------------------|----------------------|------------------|--------|
| OQPSK       | 256              | Low     | 13750                | 20.02                  | 56.24                | $\leq 70$        | Pass   |
|             | 256              | Mid     | 14250                | 20.35                  | 56.57                | $\leq 70$        | Pass   |
|             | 256              | High    | 14500                | 19.27                  | 55.49                | $\leq 70$        | Pass   |
| 1/2 OQPSK   | 256              | Low     | 13750                | 17.03                  | 53.25                | $\leq 70$        | Pass   |
|             | 256              | Mid     | 14250                | 17.59                  | 53.81                | $\leq 70$        | Pass   |
|             | 256              | High    | 14500                | 16.52                  | 52.74                | $\leq 70$        | Pass   |
| 3/4 OQPSK   | 256              | Low     | 13750                | 18.82                  | 55.04                | $\leq 70$        | Pass   |
|             | 256              | Mid     | 14250                | 19.36                  | 55.58                | $\leq 70$        | Pass   |
|             | 256              | High    | 14500                | 18.54                  | 54.76                | $\leq 70$        | Pass   |
| 7/8 OQPSK   | 256              | Low     | 13750                | 19.41                  | 55.63                | $\leq 70$        | Pass   |
|             | 256              | Mid     | 14250                | 19.72                  | 55.94                | $\leq 70$        | Pass   |
|             | 256              | High    | 14500                | 19.10                  | 55.32                | $\leq 70$        | Pass   |
| 21/44 OQPSK | 256              | Low     | 13750                | 19.41                  | 55.63                | $\leq 70$        | Pass   |
|             | 256              | Mid     | 14250                | 17.16                  | 53.38                | $\leq 70$        | Pass   |
|             | 256              | High    | 14500                | 16.82                  | 53.04                | $\leq 70$        | Pass   |

Note 1: Final Power Spectral Density (dBm/4kHz) = Average Power Spectral Density (dBm/4kHz) + Antenna Gain (dBi). Antenna Gain = 36.22dBi.

Note 2:  $10 \cdot \log(4\text{kHz}/3\text{kHz}) = 1.25\text{dB}$  was added to the spectrum analyzer reference offset to correct the result, so the maker level in each figure was equivalent the result in any 4kHz.

**Test Result of Average Power Spectral Density (High Data Rate):**

| Test Mode  | Date Rate (kbps) | Channel | Test Frequency (MHz) | Average PSD (dBm/4kHz) | Final PSD (dBm/4kHz) | Limit (dBm/4kHz) | Result |
|------------|------------------|---------|----------------------|------------------------|----------------------|------------------|--------|
| BPSK       | 3000             | Low     | 13750                | 7.33                   | 43.55                | $\leq 70$        | Pass   |
|            | 3000             | Mid     | 14250                | 6.95                   | 43.17                | $\leq 70$        | Pass   |
|            | 3000             | High    | 14500                | 6.55                   | 42.77                | $\leq 70$        | Pass   |
| 1/2 BPSK   | 1500             | Low     | 13750                | 7.11                   | 43.33                | $\leq 70$        | Pass   |
|            | 1500             | Mid     | 14250                | 7.17                   | 43.39                | $\leq 70$        | Pass   |
|            | 1500             | High    | 14500                | 6.68                   | 42.90                | $\leq 70$        | Pass   |
| 5/16 BPSK  | 937.5            | Low     | 13750                | 7.18                   | 43.40                | $\leq 70$        | Pass   |
|            | 937.5            | Mid     | 14250                | 7.56                   | 43.78                | $\leq 70$        | Pass   |
|            | 937.5            | High    | 14500                | 7.21                   | 43.43                | $\leq 70$        | Pass   |
| 21/44 BPSK | 1431.818         | Low     | 13750                | 7.39                   | 43.61                | $\leq 70$        | Pass   |
|            | 1431.818         | Mid     | 14250                | 7.35                   | 43.57                | $\leq 70$        | Pass   |
|            | 1431.818         | High    | 14500                | 6.84                   | 43.06                | $\leq 70$        | Pass   |
| QPSK       | 5000             | Low     | 13750                | 7.90                   | 44.12                | $\leq 70$        | Pass   |
|            | 5000             | Mid     | 14250                | 8.45                   | 44.67                | $\leq 70$        | Pass   |
|            | 5000             | High    | 14500                | 8.19                   | 44.41                | $\leq 70$        | Pass   |
| 1/2 QPSK   | 3000             | Low     | 13750                | 7.64                   | 43.86                | $\leq 70$        | Pass   |
|            | 3000             | Mid     | 14250                | 8.03                   | 44.25                | $\leq 70$        | Pass   |
|            | 3000             | High    | 14500                | 7.14                   | 43.36                | $\leq 70$        | Pass   |
| 3/4 QPSK   | 4500             | Low     | 13750                | 8.21                   | 44.43                | $\leq 70$        | Pass   |
|            | 4500             | Mid     | 14250                | 8.53                   | 44.75                | $\leq 70$        | Pass   |
|            | 4500             | High    | 14500                | 8.13                   | 44.35                | $\leq 70$        | Pass   |
| 7/8 QPSK   | 5000             | Low     | 13750                | 8.33                   | 44.55                | $\leq 70$        | Pass   |
|            | 5000             | Mid     | 14250                | 8.50                   | 44.72                | $\leq 70$        | Pass   |
|            | 5000             | High    | 14500                | 8.45                   | 44.67                | $\leq 70$        | Pass   |
| 21/44 QPSK | 2863.636         | Low     | 13750                | 7.84                   | 44.06                | $\leq 70$        | Pass   |
|            | 2863.636         | Mid     | 14250                | 7.93                   | 44.15                | $\leq 70$        | Pass   |
|            | 2863.636         | High    | 14500                | 7.93                   | 44.15                | $\leq 70$        | Pass   |

| Test Mode   | Date Rate (kbps) | Channel | Test Frequency (MHz) | Average PSD (dBm/4kHz) | Final PSD (dBm/4kHz) | Limit (dBm/4kHz) | Result |
|-------------|------------------|---------|----------------------|------------------------|----------------------|------------------|--------|
| OQPSK       | 5000             | Low     | 13750                | 8.45                   | 44.67                | $\leq 70$        | Pass   |
|             | 5000             | Mid     | 14250                | 8.80                   | 45.02                | $\leq 70$        | Pass   |
|             | 5000             | High    | 14500                | 7.87                   | 44.09                | $\leq 70$        | Pass   |
| 1/2 OQPSK   | 3000             | Low     | 13750                | 7.71                   | 43.93                | $\leq 70$        | Pass   |
|             | 3000             | Mid     | 14250                | 7.96                   | 44.18                | $\leq 70$        | Pass   |
|             | 3000             | High    | 14500                | 7.31                   | 43.53                | $\leq 70$        | Pass   |
| 3/4 OQPSK   | 4500             | Low     | 13750                | 8.18                   | 44.40                | $\leq 70$        | Pass   |
|             | 4500             | Mid     | 14250                | 8.57                   | 44.79                | $\leq 70$        | Pass   |
|             | 4500             | High    | 14500                | 7.73                   | 43.95                | $\leq 70$        | Pass   |
| 7/8 OQPSK   | 5000             | Low     | 13750                | 8.07                   | 44.29                | $\leq 70$        | Pass   |
|             | 5000             | Mid     | 14250                | 9.02                   | 45.24                | $\leq 70$        | Pass   |
|             | 5000             | High    | 14500                | 8.26                   | 44.48                | $\leq 70$        | Pass   |
| 21/44 OQPSK | 2863.636         | Low     | 13750                | 7.97                   | 44.19                | $\leq 70$        | Pass   |
|             | 2863.636         | Mid     | 14250                | 7.94                   | 44.16                | $\leq 70$        | Pass   |
|             | 2863.636         | High    | 14500                | 7.30                   | 43.52                | $\leq 70$        | Pass   |

Note 1: Final Power Spectral Density (dBm/4kHz) = Average Power Spectral Density (dBm/4kHz) + Antenna Gain (dBi). Antenna Gain = 36.22dBi.

Note 2:  $10 \cdot \log(4\text{kHz}/3\text{kHz}) = 1.25\text{dB}$  was added to the spectrum analyzer reference offset to correct the result, so the maker level in each figure was equivalent the result in any 4kHz.

**Test Result of Average Output Power (Low Data Rate) (Reporting Only):**

| Test Mode  | Date Rate<br>(kbps) | Channel | Test Frequency<br>(MHz) | Average Power<br>(dBm) | E.I.R.P<br>(dBm) |
|------------|---------------------|---------|-------------------------|------------------------|------------------|
| BPSK       | 256                 | Low     | 13750                   | 34.46                  | 70.68            |
|            | 256                 | Mid     | 14250                   | 34.87                  | 71.09            |
|            | 256                 | High    | 14500                   | 33.89                  | 70.11            |
| 1/2 BPSK   | 256                 | Low     | 13750                   | 34.33                  | 70.55            |
|            | 256                 | Mid     | 14250                   | 34.87                  | 71.09            |
|            | 256                 | High    | 14500                   | 33.83                  | 70.05            |
| 5/16 BPSK  | 256                 | Low     | 13750                   | 34.35                  | 70.57            |
|            | 256                 | Mid     | 14250                   | 34.83                  | 71.05            |
|            | 256                 | High    | 14500                   | 33.84                  | 70.06            |
| 21/44 BPSK | 256                 | Low     | 13750                   | 34.38                  | 70.60            |
|            | 256                 | Mid     | 14250                   | 34.83                  | 71.05            |
|            | 256                 | High    | 14500                   | 33.86                  | 70.08            |
| QPSK       | 256                 | Low     | 13750                   | 34.79                  | 71.01            |
|            | 256                 | Mid     | 14250                   | 35.28                  | 71.50            |
|            | 256                 | High    | 14500                   | 34.32                  | 70.54            |
| 1/2 QPSK   | 256                 | Low     | 13750                   | 34.79                  | 71.01            |
|            | 256                 | Mid     | 14250                   | 35.26                  | 71.48            |
|            | 256                 | High    | 14500                   | 34.28                  | 70.50            |
| 3/4 QPSK   | 256                 | Low     | 13750                   | 34.83                  | 71.05            |
|            | 256                 | Mid     | 14250                   | 35.29                  | 71.51            |
|            | 256                 | High    | 14500                   | 34.31                  | 70.53            |
| 7/8 QPSK   | 256                 | Low     | 13750                   | 34.88                  | 71.10            |
|            | 256                 | Mid     | 14250                   | 35.32                  | 71.54            |
|            | 256                 | High    | 14500                   | 34.31                  | 70.53            |
| 21/44 QPSK | 256                 | Low     | 13750                   | 34.88                  | 71.10            |
|            | 256                 | Mid     | 14250                   | 35.37                  | 71.59            |
|            | 256                 | High    | 14500                   | 34.29                  | 70.51            |

| Test Mode   | Date Rate (kbps) | Channel | Test Frequency (MHz) | Average Power (dBm) | E.I.R.P (dBm) |
|-------------|------------------|---------|----------------------|---------------------|---------------|
| OQPSK       | 256              | Low     | 13750                | 35.04               | 71.26         |
|             | 256              | Mid     | 14250                | 35.53               | 71.75         |
|             | 256              | High    | 14500                | 34.52               | 70.74         |
| 1/2 OQPSK   | 256              | Low     | 13750                | 34.98               | 71.20         |
|             | 256              | Mid     | 14250                | 35.52               | 71.74         |
|             | 256              | High    | 14500                | 34.56               | 70.78         |
| 3/4 OQPSK   | 256              | Low     | 13750                | 34.98               | 71.20         |
|             | 256              | Mid     | 14250                | 35.48               | 71.70         |
|             | 256              | High    | 14500                | 34.44               | 70.66         |
| 7/8 OQPSK   | 256              | Low     | 13750                | 34.97               | 71.19         |
|             | 256              | Mid     | 14250                | 35.51               | 71.73         |
|             | 256              | High    | 14500                | 34.46               | 70.68         |
| 21/44 OQPSK | 256              | Low     | 13750                | 34.98               | 71.20         |
|             | 256              | Mid     | 14250                | 35.49               | 71.71         |
|             | 256              | High    | 14500                | 34.45               | 70.67         |

Note 1: E.I.R.P (dBm) = Average Power (dBm) + Antenna Gain (dBi). Antenna Gain = 36.22dBi.

Note 2: The test result of average output power is only for RF exposure evaluation.

**Test Result of Average Output Power (High Data Rate) (Reporting Only):**

| Test Mode  | Date Rate<br>(kbps) | Channel | Test Frequency<br>(MHz) | Average Power<br>(dBm) | E.I.R.P<br>(dBm) |
|------------|---------------------|---------|-------------------------|------------------------|------------------|
| BPSK       | 3000                | Low     | 13750                   | 33.70                  | 69.92            |
|            | 3000                | Mid     | 14250                   | 34.18                  | 70.40            |
|            | 3000                | High    | 14500                   | 33.38                  | 69.60            |
| 1/2 BPSK   | 1500                | Low     | 13750                   | 33.71                  | 69.93            |
|            | 1500                | Mid     | 14250                   | 34.19                  | 70.41            |
|            | 1500                | High    | 14500                   | 33.41                  | 69.63            |
| 5/16 BPSK  | 937.5               | Low     | 13750                   | 33.72                  | 69.94            |
|            | 937.5               | Mid     | 14250                   | 34.19                  | 70.41            |
|            | 937.5               | High    | 14500                   | 33.41                  | 69.63            |
| 21/44 BPSK | 1431.818            | Low     | 13750                   | 33.73                  | 69.95            |
|            | 1431.818            | Mid     | 14250                   | 34.21                  | 70.43            |
|            | 1431.818            | High    | 14500                   | 33.42                  | 69.64            |
| QPSK       | 5000                | Low     | 13750                   | 34.18                  | 70.40            |
|            | 5000                | Mid     | 14250                   | 34.66                  | 70.88            |
|            | 5000                | High    | 14500                   | 33.92                  | 70.14            |
| 1/2 QPSK   | 3000                | Low     | 13750                   | 34.21                  | 70.43            |
|            | 3000                | Mid     | 14250                   | 34.70                  | 70.92            |
|            | 3000                | High    | 14500                   | 33.95                  | 70.17            |
| 3/4 QPSK   | 4500                | Low     | 13750                   | 34.22                  | 70.44            |
|            | 4500                | Mid     | 14250                   | 34.72                  | 70.94            |
|            | 4500                | High    | 14500                   | 33.98                  | 70.20            |
| 7/8 QPSK   | 5000                | Low     | 13750                   | 34.26                  | 70.48            |
|            | 5000                | Mid     | 14250                   | 34.73                  | 70.95            |
|            | 5000                | High    | 14500                   | 34.01                  | 70.23            |
| 21/44 QPSK | 2863.636            | Low     | 13750                   | 34.24                  | 70.46            |
|            | 2863.636            | Mid     | 14250                   | 34.75                  | 70.97            |
|            | 2863.636            | High    | 14500                   | 33.98                  | 70.20            |

| Test Mode   | Date Rate (kbps) | Channel | Test Frequency (MHz) | Average Power (dBm) | E.I.R.P (dBm) |
|-------------|------------------|---------|----------------------|---------------------|---------------|
| OQPSK       | 5000             | Low     | 13750                | 34.51               | 70.73         |
|             | 5000             | Mid     | 14250                | 35.01               | 71.23         |
|             | 5000             | High    | 14500                | 34.24               | 70.46         |
| 1/2 OQPSK   | 3000             | Low     | 13750                | 34.25               | 70.47         |
|             | 3000             | Mid     | 14250                | 35.01               | 71.23         |
|             | 3000             | High    | 14500                | 34.24               | 70.46         |
| 3/4 OQPSK   | 4500             | Low     | 13750                | 34.57               | 70.79         |
|             | 4500             | Mid     | 14250                | 35.20               | 71.42         |
|             | 4500             | High    | 14500                | 34.22               | 70.44         |
| 7/8 OQPSK   | 5000             | Low     | 13750                | 34.60               | 70.82         |
|             | 5000             | Mid     | 14250                | 34.73               | 70.95         |
|             | 5000             | High    | 14500                | 34.25               | 70.47         |
| 21/44 OQPSK | 2863.636         | Low     | 13750                | 34.23               | 70.45         |
|             | 2863.636         | Mid     | 14250                | 35.06               | 71.28         |
|             | 2863.636         | High    | 14500                | 34.20               | 70.42         |

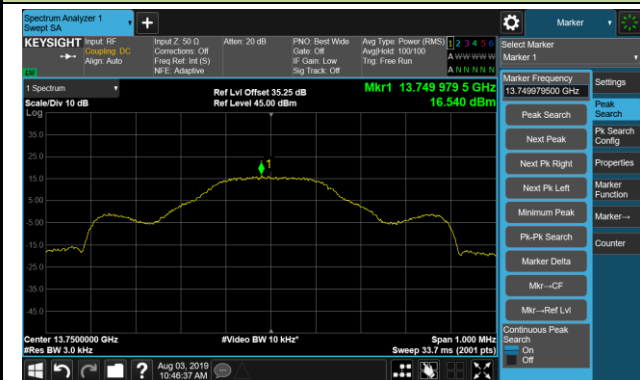
Note 1: E.I.R.P (dBm) = Average Power (dBm) + Antenna Gain (dBi). Antenna Gain = 36.22dBi.

Note 2: The test result of average output power is only for RF exposure evaluation.

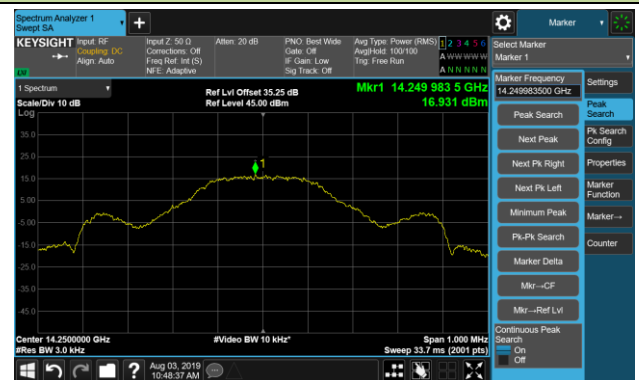


## BPSK (256kbps) - Average PSD

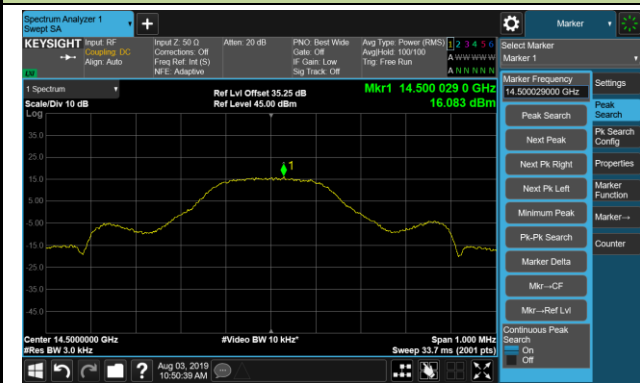
### Low Channel (13750MHz)



### Mid Channel (14250MHz)

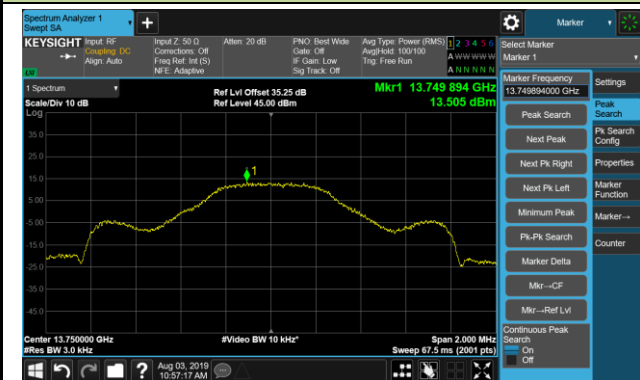


### High Channel (14500MHz)

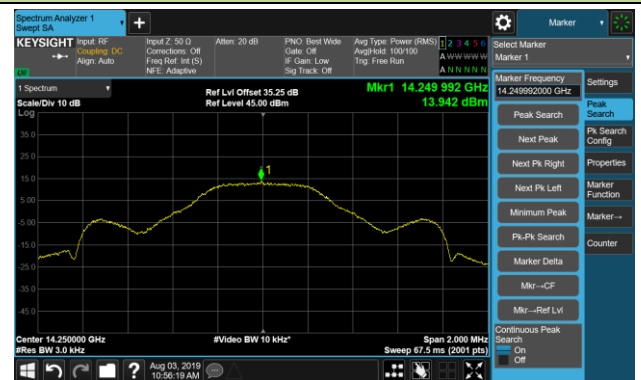


## 1/2 BPSK (256kbps) - Average PSD

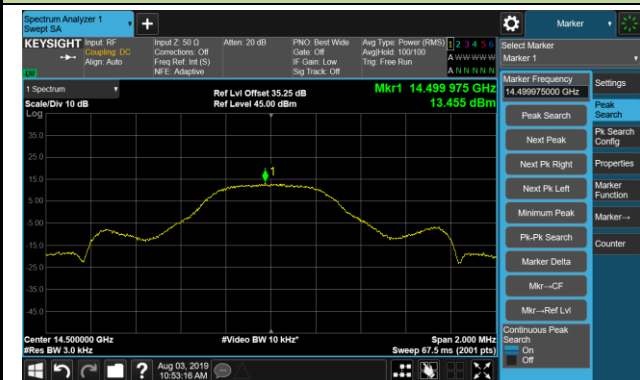
### Low Channel (13750MHz)



### Mid Channel (14250MHz)

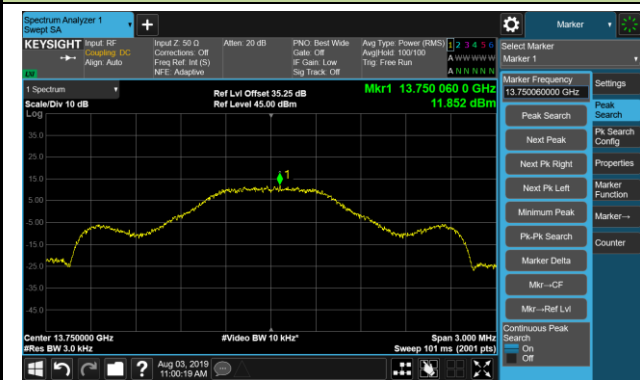


### High Channel (14500MHz)

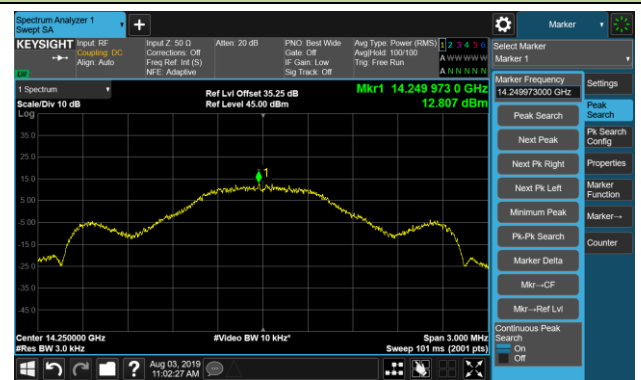


## 5/16 BPSK (256kbps) - Average PSD

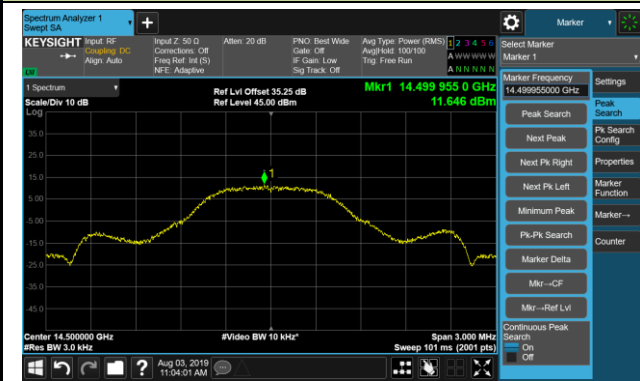
### Low Channel (13750MHz)



### Mid Channel (14250MHz)

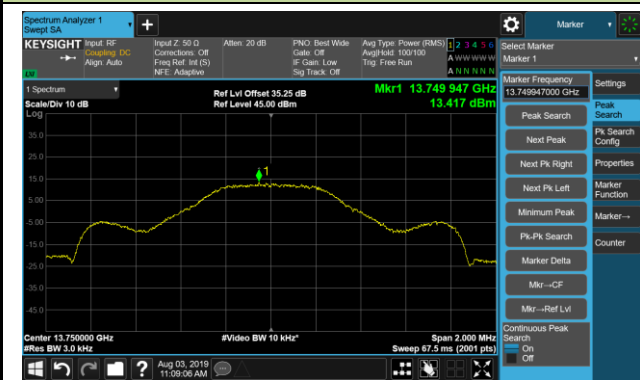


### High Channel (14500MHz)

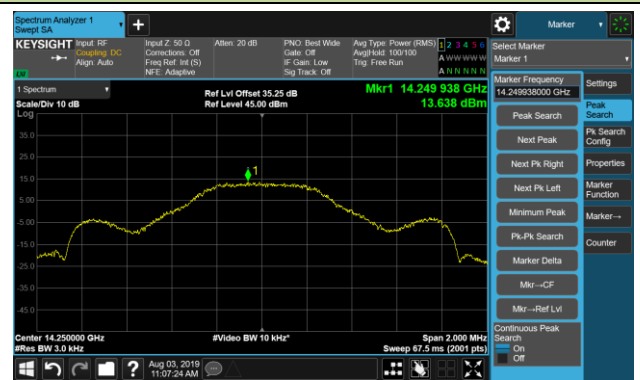


## 21/44 BPSK (256kbps) - Average PSD

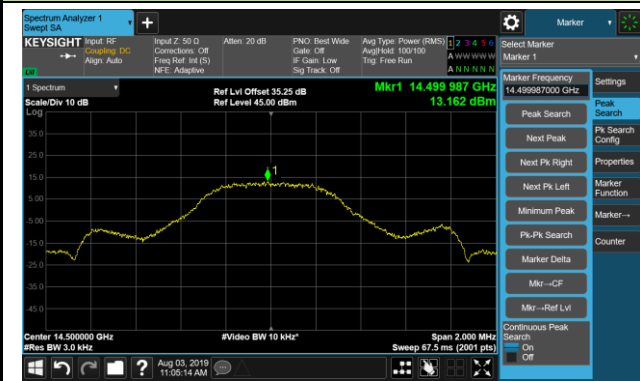
## Low Channel (13750MHz)



## Mid Channel (14250MHz)

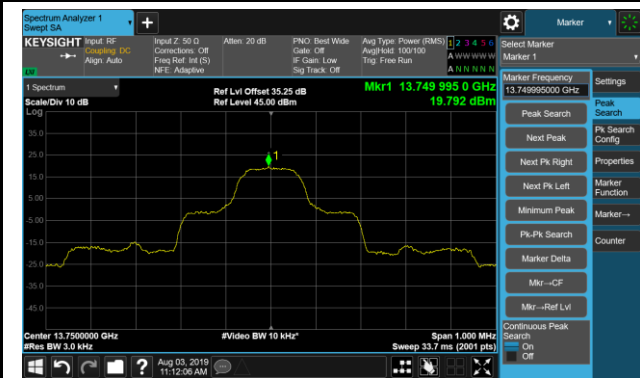


## High Channel (14500MHz)

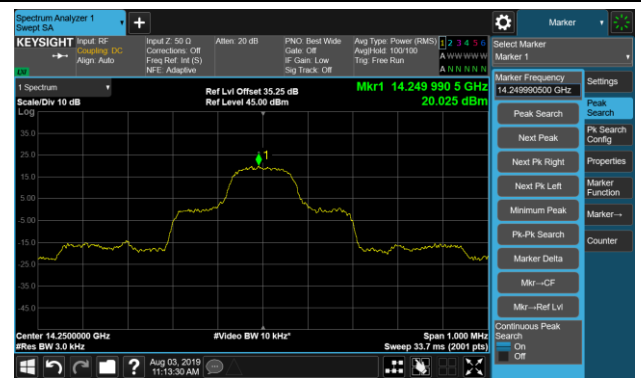


## QPSK (256kbps) - Average PSD

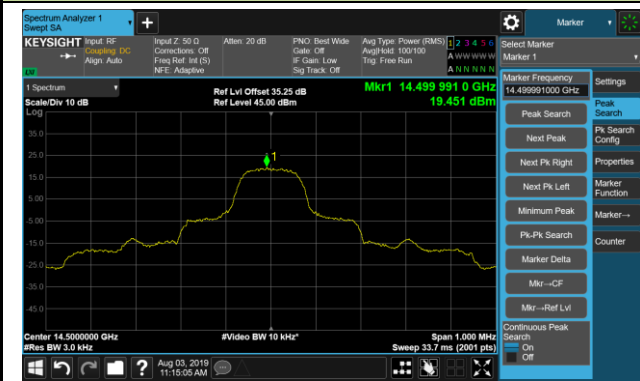
### Low Channel (13750MHz)



### Mid Channel (14250MHz)

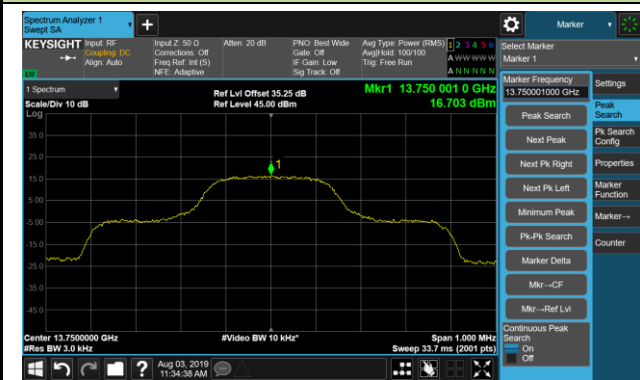


### High Channel (14500MHz)

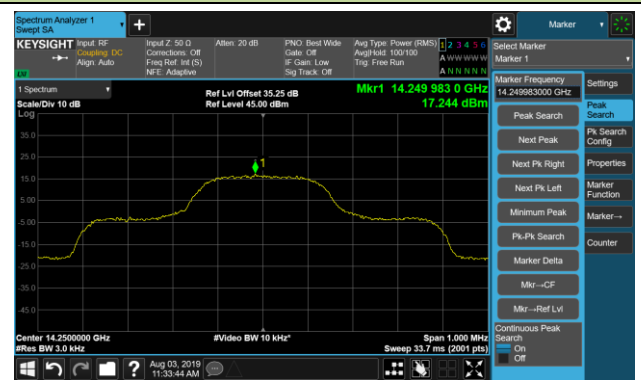


## 1/2 QPSK (256kbps) - Average PSD

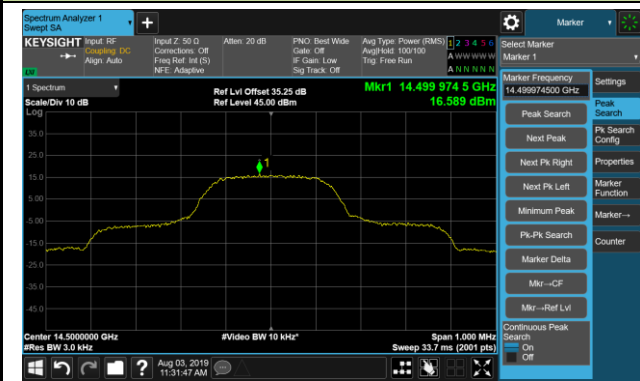
### Low Channel (13750MHz)



### Mid Channel (14250MHz)

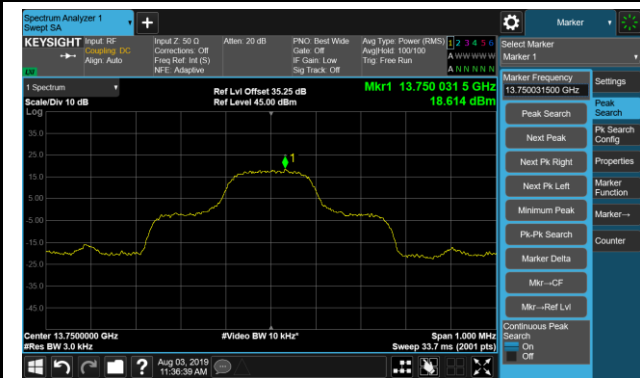


### High Channel (14500MHz)



### 3/4 QPSK (256kbps) - Average PSD

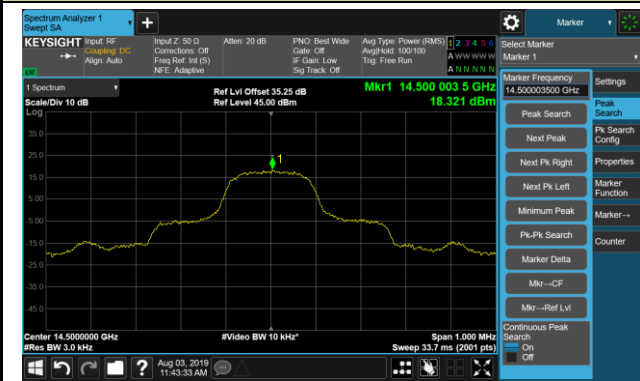
#### Low Channel (13750MHz)



#### Mid Channel (14250MHz)

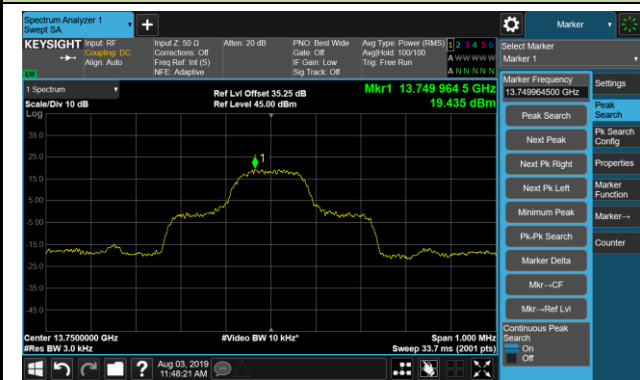


#### High Channel (14500MHz)

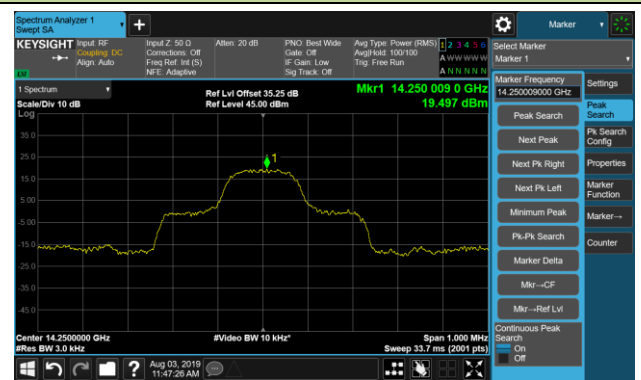


## 7/8 QPSK (256kbps) - Average PSD

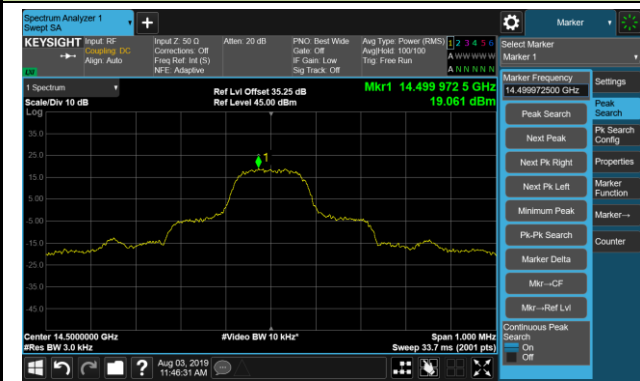
### Low Channel (13750MHz)



### Mid Channel (14250MHz)



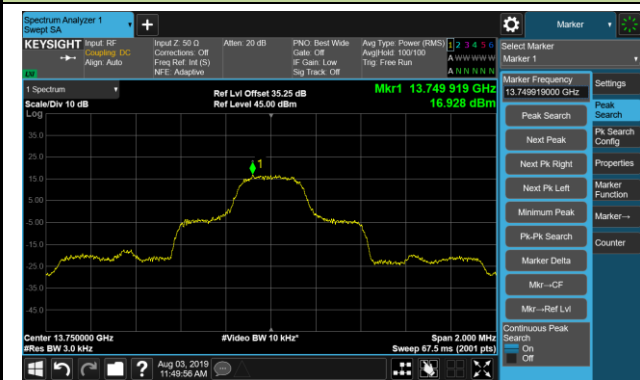
### High Channel (14500MHz)





## 21/44 QPSK (256kbps) - Average PSD

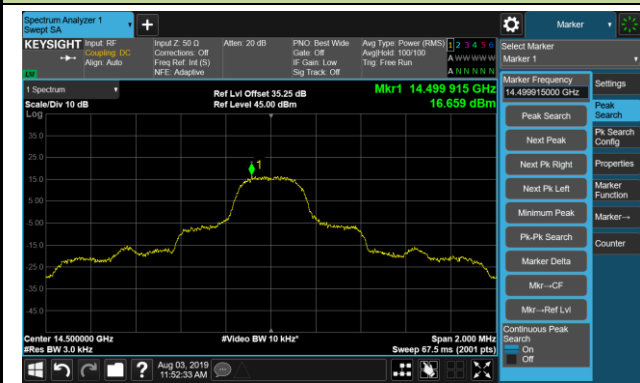
## Low Channel (13750MHz)



## Mid Channel (14250MHz)

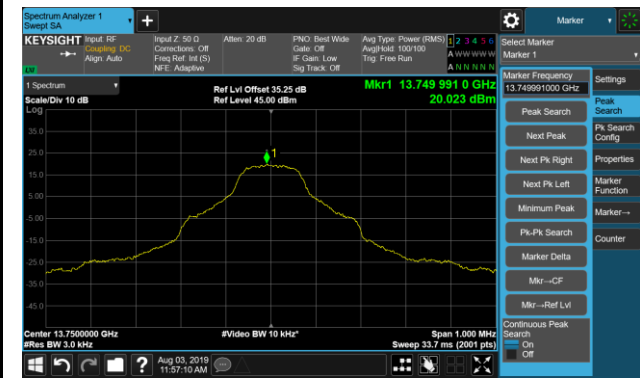


## High Channel (14500MHz)

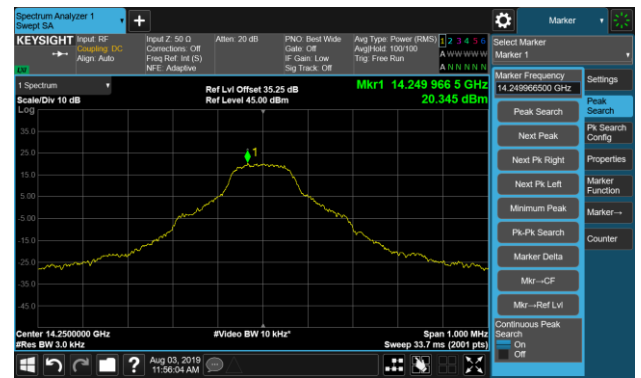


## OQPSK (256kbps) - Average PSD

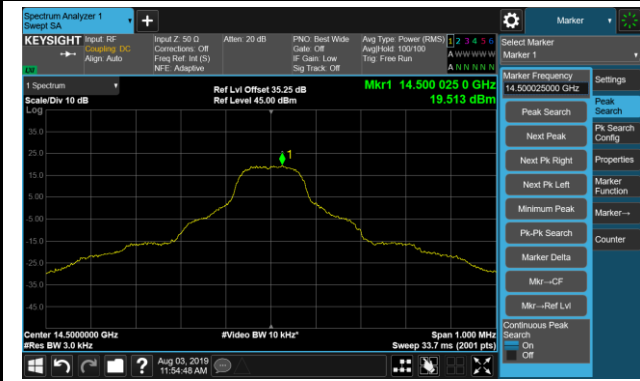
### Low Channel (13750MHz)



### Mid Channel (14250MHz)

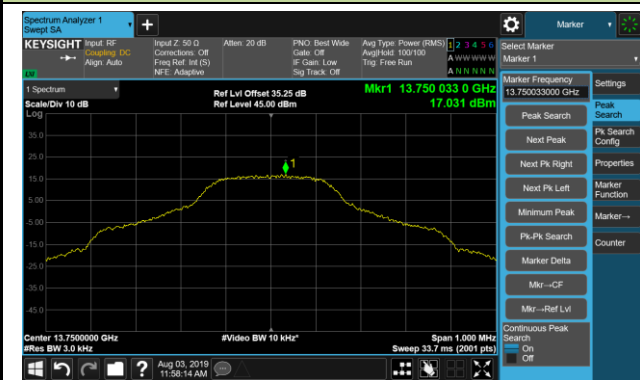


### High Channel (14500MHz)



## 1/2 OQPSK (256kbps) - Average PSD

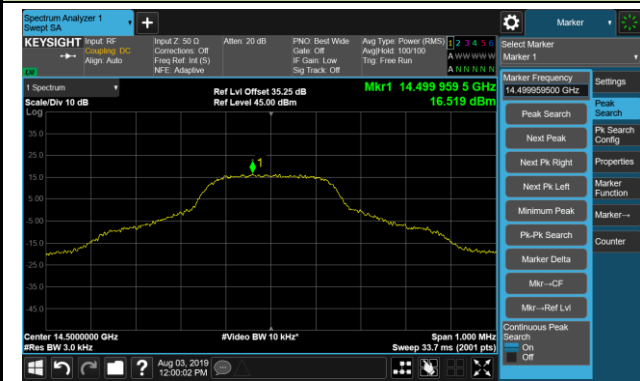
### Low Channel (13750MHz)



### Mid Channel (14250MHz)

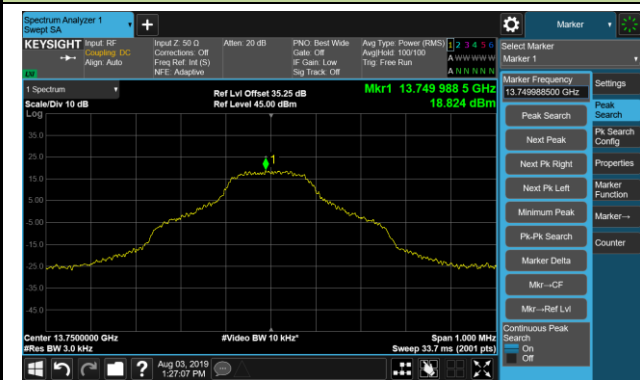


### High Channel (14500MHz)



### 3/4 QPSK (256kbps) - Average PSD

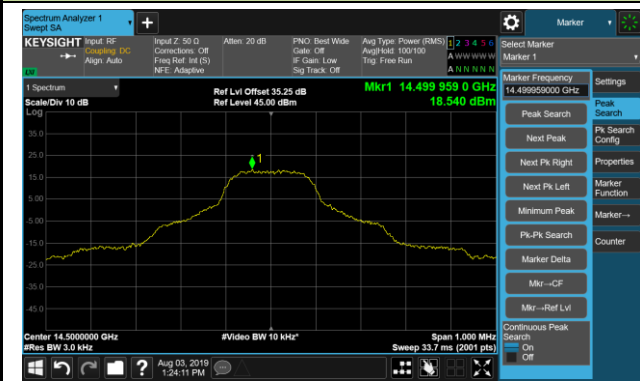
#### Low Channel (13750MHz)



#### Mid Channel (14250MHz)

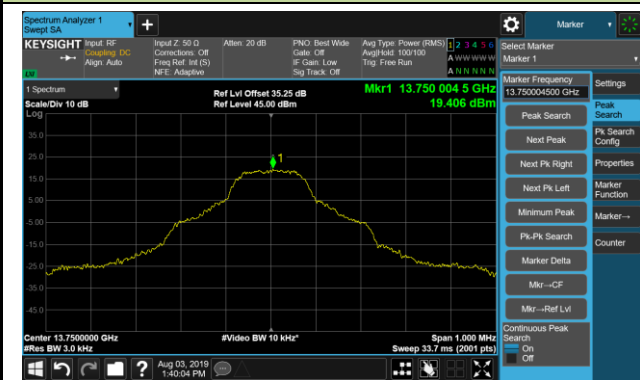


#### High Channel (14500MHz)



## 7/8 QPSK (256kbps) - Average PSD

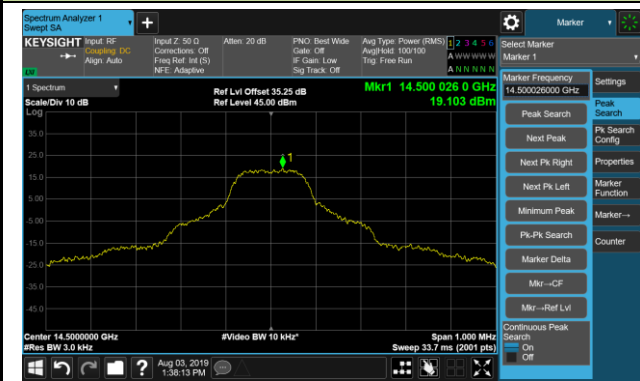
### Low Channel (13750MHz)



### Mid Channel (14250MHz)

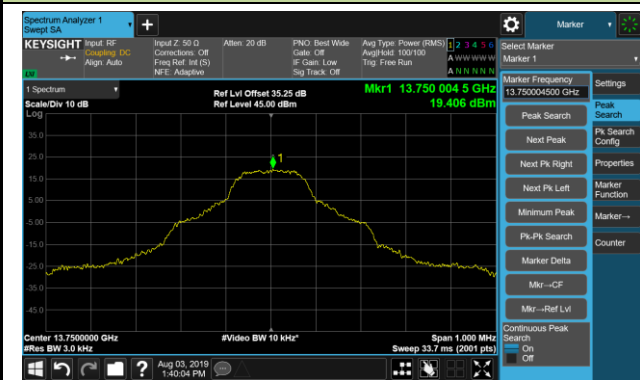


### High Channel (14500MHz)

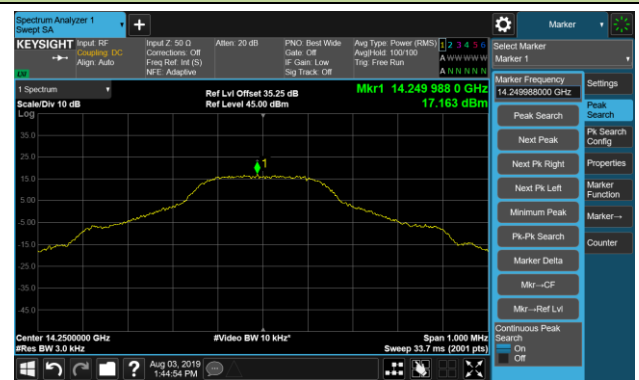


## 21/44 OQPSK (256kbps) - Average PSD

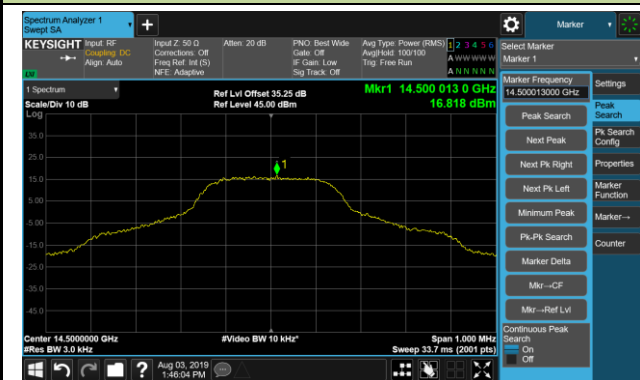
## Low Channel (13750MHz)



## Mid Channel (14250MHz)

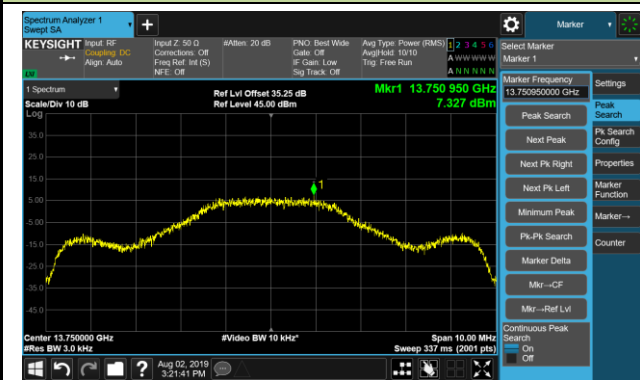


## High Channel (14500MHz)



## BPSK (3000kbps) - Average PSD

### Low Channel (13750MHz)



### Mid Channel (14250MHz)

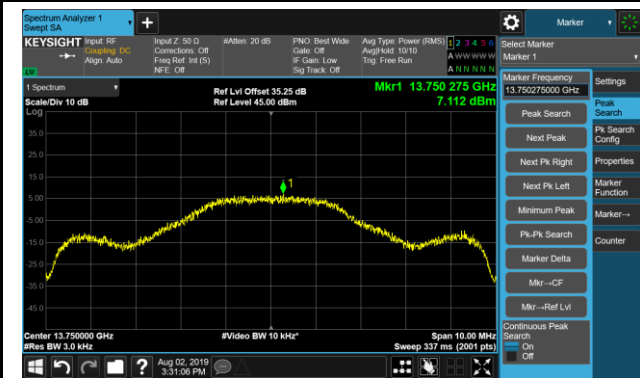


### High Channel (14500MHz)



## 1/2 BPSK (1500kbps) - Average PSD

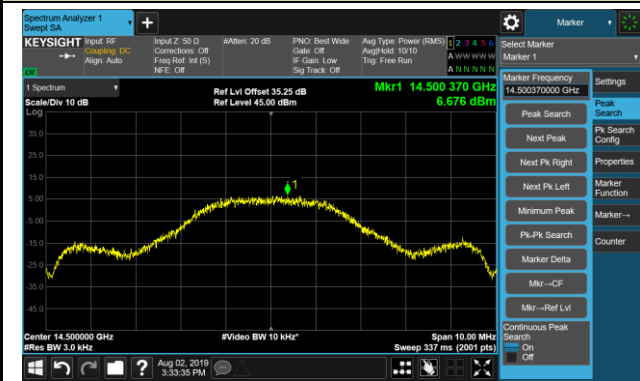
### Low Channel (13750MHz)



### Mid Channel (14250MHz)



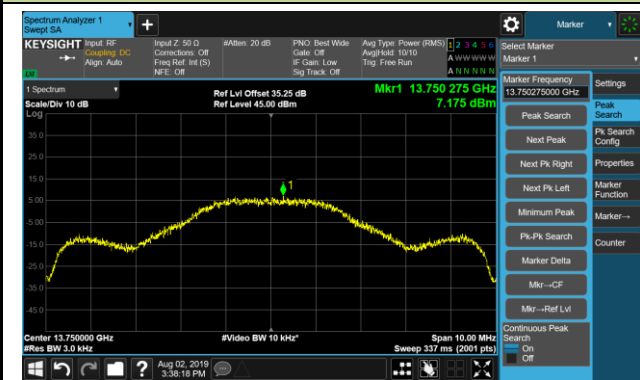
### High Channel (14500MHz)



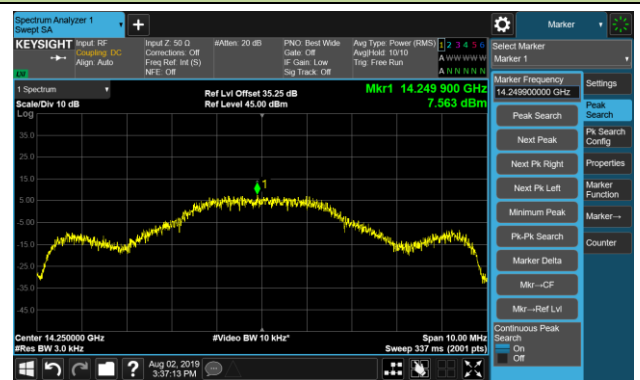


## 5/16 BPSK (937.5kbps) - Average PSD

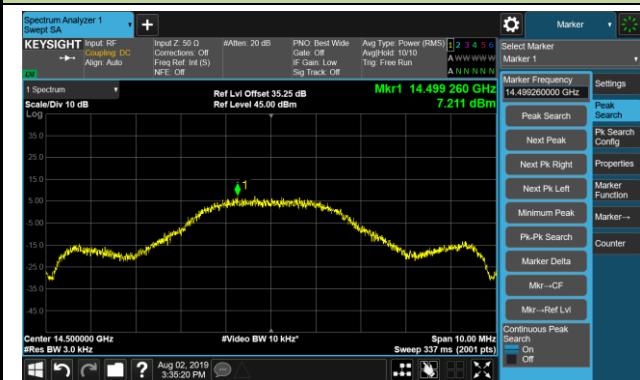
### Low Channel (13750MHz)



### Mid Channel (14250MHz)

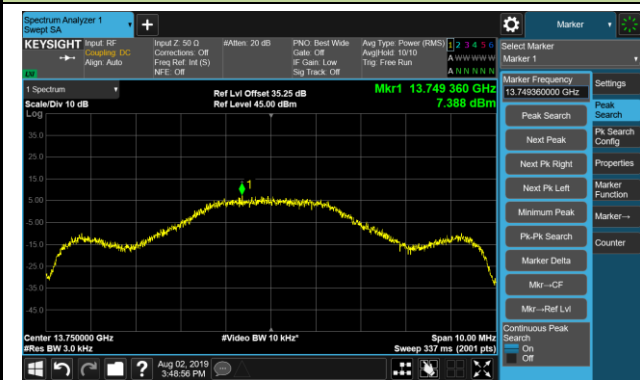


### High Channel (14500MHz)



## 21/44 BPSK (1431.818kbps) - Average PSD

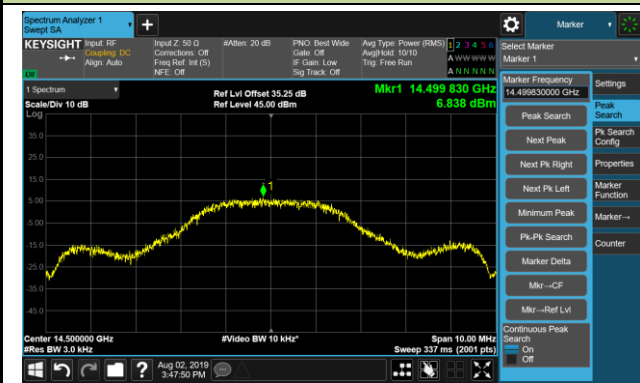
## Low Channel (13750MHz)



## Mid Channel (14250MHz)

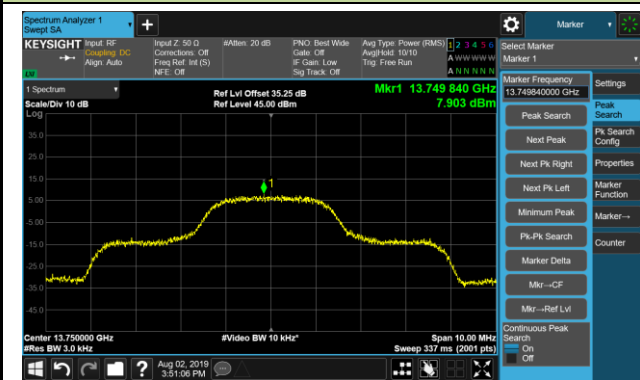


## High Channel (14500MHz)

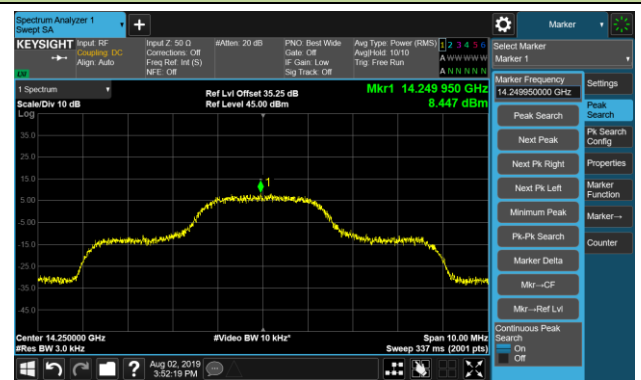


## QPSK (5000kbps) - Average PSD

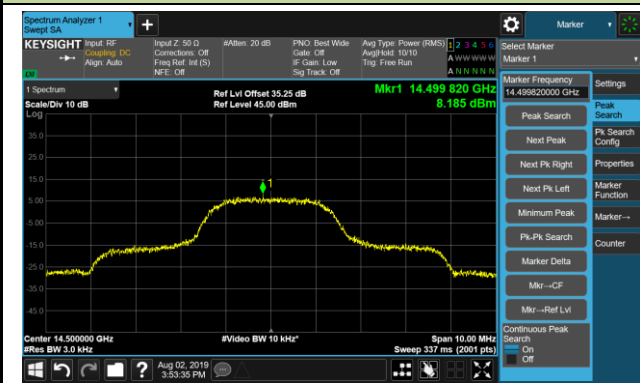
### Low Channel (13750MHz)



### Mid Channel (14250MHz)

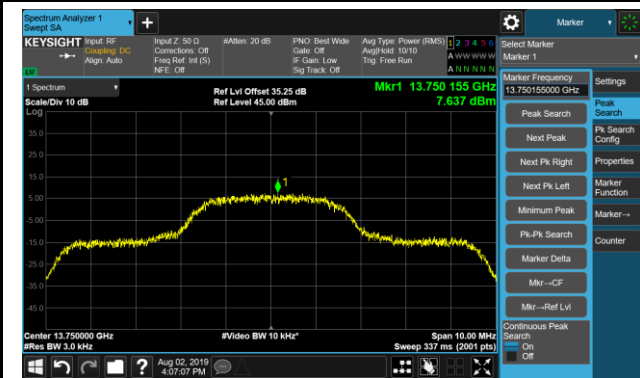


### High Channel (14500MHz)

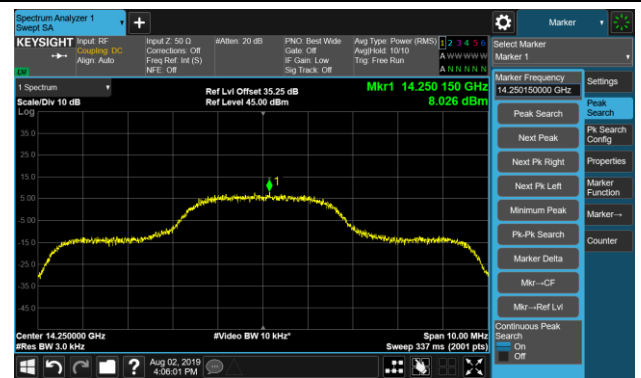


## 1/2 QPSK (3000kbps) - Average PSD

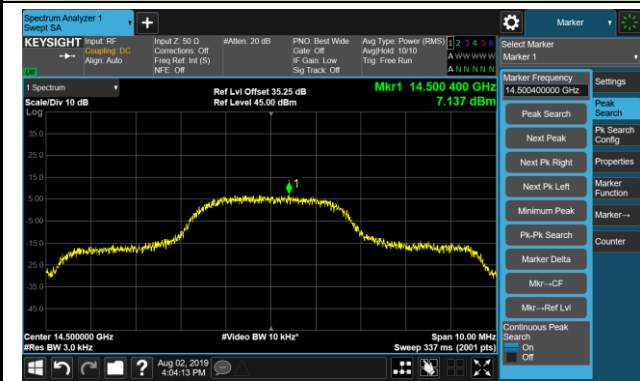
### Low Channel (13750MHz)



### Mid Channel (14250MHz)

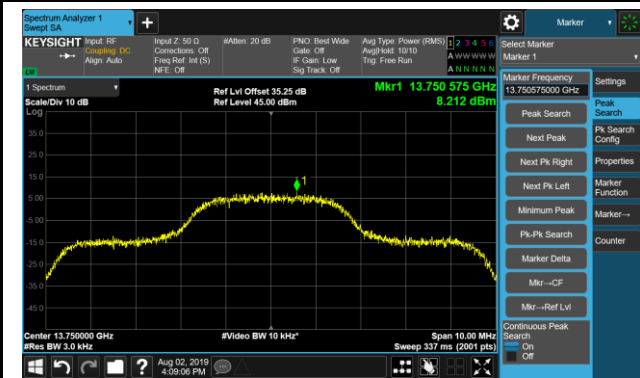


### High Channel (14500MHz)

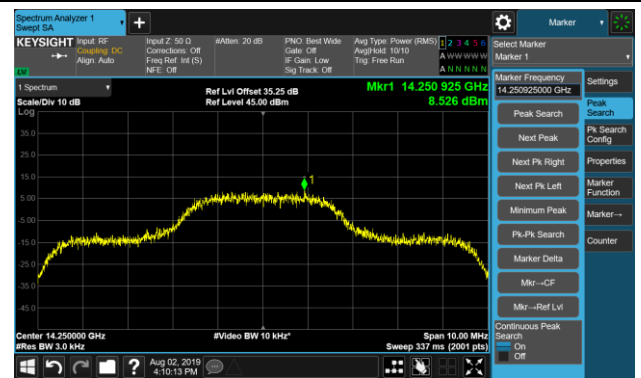


### 3/4 QPSK (4500kbps) - Average PSD

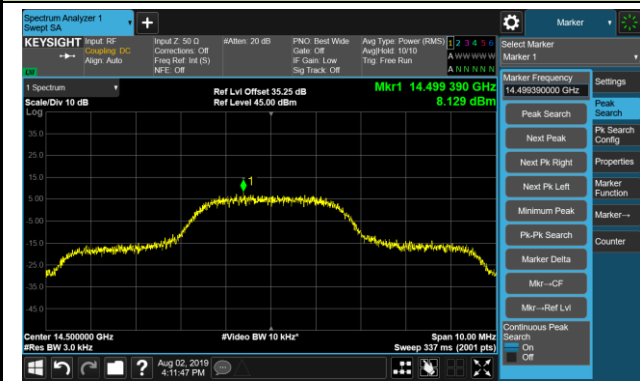
#### Low Channel (13750MHz)



#### Mid Channel (14250MHz)

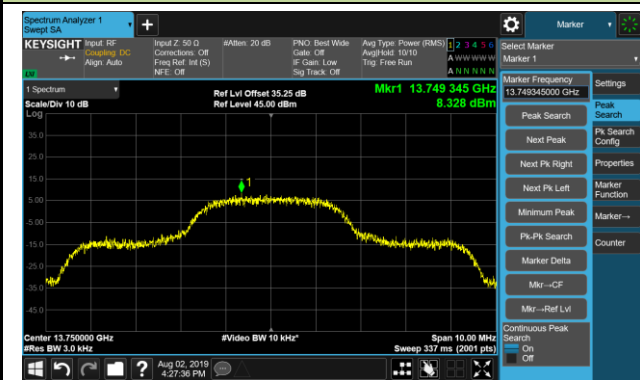


#### High Channel (14500MHz)

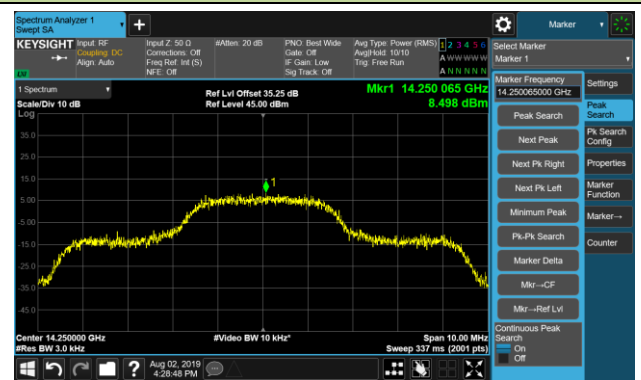


## 7/8 QPSK (5000kbps) - Average PSD

### Low Channel (13750MHz)



### Mid Channel (14250MHz)



### High Channel (14500MHz)

