

## Appendix Test Data for LTE band 2(Conducted Measurement)

Product Name: LEARNING CAMERA



Trade Mark:

Test Model: DEX-01

FCC ID: 2BOSD-DEX-01

### Environmental Conditions

|                    |           |
|--------------------|-----------|
| Temperature:       | 23.5℃     |
| Relative Humidity: | 58%       |
| ATM Pressure:      | 100.0 kPa |
| Test Engineer:     | Allen Lai |
| Supervised by:     | Max Zhang |
| NOTE               | N/A       |

## Appendix A: RF output power

### Test Result

| Band | Bandwidth<br>(MHz) | UL Frequency<br>(MHz) | Modulation | RB Size | RB Offset | Average Power<br>(dBm) | Peak Power<br>(dBm) | PAR<br>(dB) | Limit<br>(dB) | AntGain<br>(dBi) | EIRP<br>(dBm) | Limit<br>(dBm) | Conclusion |
|------|--------------------|-----------------------|------------|---------|-----------|------------------------|---------------------|-------------|---------------|------------------|---------------|----------------|------------|
| 2    | 1.4                | 1850.7                | QPSK       | 6       | LOW       | 21.85                  | 28.06               | 6.21        | 13            | 0.85             | 22.70         | 33             | Pass       |
| 2    | 1.4                | 1850.7                | QPSK       | 3       | LOW       | 22.93                  | 28.69               | 5.76        | 13            | 0.85             | 23.78         | 33             | Pass       |
| 2    | 1.4                | 1850.7                | QPSK       | 3       | MID       | 22.89                  | 28.66               | 5.77        | 13            | 0.85             | 23.74         | 33             | Pass       |
| 2    | 1.4                | 1850.7                | QPSK       | 3       | HIGH      | 22.9                   | 28.62               | 5.72        | 13            | 0.85             | 23.75         | 33             | Pass       |
| 2    | 1.4                | 1850.7                | QPSK       | 1       | LOW       | 22.85                  | 28.67               | 5.82        | 13            | 0.85             | 23.70         | 33             | Pass       |
| 2    | 1.4                | 1850.7                | QPSK       | 1       | MID       | 22.96                  | 28.76               | 5.80        | 13            | 0.85             | 23.81         | 33             | Pass       |
| 2    | 1.4                | 1850.7                | QPSK       | 1       | HIGH      | 22.85                  | 28.64               | 5.79        | 13            | 0.85             | 23.70         | 33             | Pass       |
| 2    | 1.4                | 1850.7                | 16QAM      | 6       | LOW       | 20.93                  | 28.03               | 7.10        | 13            | 0.85             | 21.78         | 33             | Pass       |
| 2    | 1.4                | 1850.7                | 16QAM      | 3       | LOW       | 22.1                   | 28.44               | 6.34        | 13            | 0.85             | 22.95         | 33             | Pass       |
| 2    | 1.4                | 1850.7                | 16QAM      | 3       | MID       | 22.11                  | 28.44               | 6.33        | 13            | 0.85             | 22.96         | 33             | Pass       |
| 2    | 1.4                | 1850.7                | 16QAM      | 3       | HIGH      | 22.11                  | 28.42               | 6.31        | 13            | 0.85             | 22.96         | 33             | Pass       |
| 2    | 1.4                | 1850.7                | 16QAM      | 1       | LOW       | 21.86                  | 27.75               | 5.89        | 13            | 0.85             | 22.71         | 33             | Pass       |
| 2    | 1.4                | 1850.7                | 16QAM      | 1       | MID       | 21.92                  | 27.82               | 5.90        | 13            | 0.85             | 22.77         | 33             | Pass       |
| 2    | 1.4                | 1850.7                | 16QAM      | 1       | HIGH      | 21.88                  | 27.75               | 5.87        | 13            | 0.85             | 22.73         | 33             | Pass       |
| 2    | 1.4                | 1880                  | QPSK       | 6       | LOW       | 21.79                  | 27.62               | 5.83        | 13            | 0.85             | 22.64         | 33             | Pass       |
| 2    | 1.4                | 1880                  | QPSK       | 3       | LOW       | 22.86                  | 28.57               | 5.71        | 13            | 0.85             | 23.71         | 33             | Pass       |
| 2    | 1.4                | 1880                  | QPSK       | 3       | MID       | 22.84                  | 28.57               | 5.73        | 13            | 0.85             | 23.69         | 33             | Pass       |
| 2    | 1.4                | 1880                  | QPSK       | 3       | HIGH      | 22.83                  | 28.55               | 5.72        | 13            | 0.85             | 23.68         | 33             | Pass       |
| 2    | 1.4                | 1880                  | QPSK       | 1       | LOW       | 22.74                  | 28.23               | 5.49        | 13            | 0.85             | 23.59         | 33             | Pass       |
| 2    | 1.4                | 1880                  | QPSK       | 1       | MID       | 22.92                  | 28.4                | 5.48        | 13            | 0.85             | 23.77         | 33             | Pass       |

| Band | Bandwidth<br>(MHz) | UL Frequency<br>(MHz) | Modulation | RB Size | RB Offset | Average Power<br>(dBm) | Peak Power<br>(dBm) | PAR<br>(dB) | Limit<br>(dB) | AntGain<br>(dBi) | EIRP<br>(dBm) | Limit<br>(dBm) | Conclusion |
|------|--------------------|-----------------------|------------|---------|-----------|------------------------|---------------------|-------------|---------------|------------------|---------------|----------------|------------|
| 2    | 1.4                | 1880                  | QPSK       | 1       | HIGH      | 22.75                  | 28.23               | 5.48        | 13            | 0.85             | 23.6          | 33             | Pass       |
| 2    | 1.4                | 1880                  | 16QAM      | 6       | LOW       | 20.84                  | 27.43               | 6.59        | 13            | 0.85             | 21.69         | 33             | Pass       |
| 2    | 1.4                | 1880                  | 16QAM      | 3       | LOW       | 21.83                  | 28.47               | 6.64        | 13            | 0.85             | 22.68         | 33             | Pass       |
| 2    | 1.4                | 1880                  | 16QAM      | 3       | MID       | 21.85                  | 28.5                | 6.65        | 13            | 0.85             | 22.70         | 33             | Pass       |
| 2    | 1.4                | 1880                  | 16QAM      | 3       | HIGH      | 21.86                  | 28.56               | 6.70        | 13            | 0.85             | 22.71         | 33             | Pass       |
| 2    | 1.4                | 1880                  | 16QAM      | 1       | LOW       | 21.91                  | 27.01               | 5.10        | 13            | 0.85             | 22.76         | 33             | Pass       |
| 2    | 1.4                | 1880                  | 16QAM      | 1       | MID       | 22.05                  | 27.13               | 5.08        | 13            | 0.85             | 22.90         | 33             | Pass       |
| 2    | 1.4                | 1880                  | 16QAM      | 1       | HIGH      | 21.94                  | 27.04               | 5.10        | 13            | 0.85             | 22.79         | 33             | Pass       |
| 2    | 1.4                | 1909.3                | QPSK       | 6       | LOW       | 21.86                  | 27.79               | 5.93        | 13            | 0.85             | 22.71         | 33             | Pass       |
| 2    | 1.4                | 1909.3                | QPSK       | 3       | LOW       | 22.89                  | 28.73               | 5.84        | 13            | 0.85             | 23.74         | 33             | Pass       |
| 2    | 1.4                | 1909.3                | QPSK       | 3       | MID       | 22.93                  | 28.71               | 5.78        | 13            | 0.85             | 23.78         | 33             | Pass       |
| 2    | 1.4                | 1909.3                | QPSK       | 3       | HIGH      | 22.97                  | 28.67               | 5.70        | 13            | 0.85             | 23.82         | 33             | Pass       |
| 2    | 1.4                | 1909.3                | QPSK       | 1       | LOW       | 22.82                  | 27.69               | 4.87        | 13            | 0.85             | 23.67         | 33             | Pass       |
| 2    | 1.4                | 1909.3                | QPSK       | 1       | MID       | 22.98                  | 27.77               | 4.79        | 13            | 0.85             | 23.83         | 33             | Pass       |
| 2    | 1.4                | 1909.3                | QPSK       | 1       | HIGH      | 22.87                  | 27.68               | 4.81        | 13            | 0.85             | 23.72         | 33             | Pass       |
| 2    | 1.4                | 1909.3                | 16QAM      | 6       | LOW       | 20.9                   | 27.48               | 6.58        | 13            | 0.85             | 21.75         | 33             | Pass       |
| 2    | 1.4                | 1909.3                | 16QAM      | 3       | LOW       | 22.01                  | 28.17               | 6.16        | 13            | 0.85             | 22.86         | 33             | Pass       |
| 2    | 1.4                | 1909.3                | 16QAM      | 3       | MID       | 22                     | 28.18               | 6.18        | 13            | 0.85             | 22.85         | 33             | Pass       |
| 2    | 1.4                | 1909.3                | 16QAM      | 3       | HIGH      | 22.01                  | 28.08               | 6.07        | 13            | 0.85             | 22.86         | 33             | Pass       |
| 2    | 1.4                | 1909.3                | 16QAM      | 1       | LOW       | 21.91                  | 27.25               | 5.34        | 13            | 0.85             | 22.76         | 33             | Pass       |
| 2    | 1.4                | 1909.3                | 16QAM      | 1       | MID       | 22.07                  | 27.35               | 5.28        | 13            | 0.85             | 22.92         | 33             | Pass       |
| 2    | 1.4                | 1909.3                | 16QAM      | 1       | HIGH      | 21.88                  | 27.18               | 5.30        | 13            | 0.85             | 22.73         | 33             | Pass       |
| 2    | 3                  | 1851.5                | QPSK       | 15      | LOW       | 21.88                  | 28.34               | 6.46        | 13            | 0.85             | 22.73         | 33             | Pass       |
| 2    | 3                  | 1851.5                | QPSK       | 8       | LOW       | 21.88                  | 28.27               | 6.39        | 13            | 0.85             | 22.73         | 33             | Pass       |
| 2    | 3                  | 1851.5                | QPSK       | 8       | MID       | 21.88                  | 28.29               | 6.41        | 13            | 0.85             | 22.73         | 33             | Pass       |
| 2    | 3                  | 1851.5                | QPSK       | 8       | HIGH      | 21.85                  | 28.27               | 6.42        | 13            | 0.85             | 22.70         | 33             | Pass       |
| 2    | 3                  | 1851.5                | QPSK       | 1       | LOW       | 22.88                  | 27.8                | 4.92        | 13            | 0.85             | 23.73         | 33             | Pass       |
| 2    | 3                  | 1851.5                | QPSK       | 1       | MID       | 22.87                  | 27.8                | 4.93        | 13            | 0.85             | 23.72         | 33             | Pass       |
| 2    | 3                  | 1851.5                | QPSK       | 1       | HIGH      | 22.89                  | 27.84               | 4.95        | 13            | 0.85             | 23.74         | 33             | Pass       |
| 2    | 3                  | 1851.5                | 16QAM      | 15      | LOW       | 21                     | 28.23               | 7.23        | 13            | 0.85             | 21.85         | 33             | Pass       |
| 2    | 3                  | 1851.5                | 16QAM      | 8       | LOW       | 21.02                  | 27.42               | 6.40        | 13            | 0.85             | 21.87         | 33             | Pass       |
| 2    | 3                  | 1851.5                | 16QAM      | 8       | MID       | 21                     | 27.41               | 6.41        | 13            | 0.85             | 21.85         | 33             | Pass       |
| 2    | 3                  | 1851.5                | 16QAM      | 8       | HIGH      | 20.98                  | 27.53               | 6.55        | 13            | 0.85             | 21.83         | 33             | Pass       |
| 2    | 3                  | 1851.5                | 16QAM      | 1       | LOW       | 22.03                  | 27.41               | 5.38        | 13            | 0.85             | 22.88         | 33             | Pass       |
| 2    | 3                  | 1851.5                | 16QAM      | 1       | MID       | 21.97                  | 27.39               | 5.42        | 13            | 0.85             | 22.82         | 33             | Pass       |
| 2    | 3                  | 1851.5                | 16QAM      | 1       | HIGH      | 21.88                  | 27.34               | 5.46        | 13            | 0.85             | 22.73         | 33             | Pass       |
| 2    | 3                  | 1880                  | QPSK       | 15      | LOW       | 21.85                  | 28.03               | 6.18        | 13            | 0.85             | 22.70         | 33             | Pass       |
| 2    | 3                  | 1880                  | QPSK       | 8       | LOW       | 21.81                  | 27.91               | 6.10        | 13            | 0.85             | 22.66         | 33             | Pass       |
| 2    | 3                  | 1880                  | QPSK       | 8       | MID       | 21.81                  | 27.84               | 6.03        | 13            | 0.85             | 22.66         | 33             | Pass       |
| 2    | 3                  | 1880                  | QPSK       | 8       | HIGH      | 21.79                  | 27.98               | 6.19        | 13            | 0.85             | 22.64         | 33             | Pass       |
| 2    | 3                  | 1880                  | QPSK       | 1       | LOW       | 22.82                  | 27.86               | 5.04        | 13            | 0.85             | 23.67         | 33             | Pass       |

| Band | Bandwidth<br>(MHz) | UL Frequency<br>(MHz) | Modulation | RB Size | RB Offset | Average Power<br>(dBm) | Peak Power<br>(dBm) | PAR<br>(dB) | Limit<br>(dB) | AntGain<br>(dBi) | EIRP<br>(dBm) | Limit<br>(dBm) | Conclusion |
|------|--------------------|-----------------------|------------|---------|-----------|------------------------|---------------------|-------------|---------------|------------------|---------------|----------------|------------|
| 2    | 3                  | 1880                  | QPSK       | 1       | MID       | 22.8                   | 27.86               | 5.06        | 13            | 0.85             | 23.65         | 33             | Pass       |
| 2    | 3                  | 1880                  | QPSK       | 1       | HIGH      | 22.72                  | 27.8                | 5.08        | 13            | 0.85             | 23.57         | 33             | Pass       |
| 2    | 3                  | 1880                  | 16QAM      | 15      | LOW       | 20.96                  | 28.06               | 7.10        | 13            | 0.85             | 21.81         | 33             | Pass       |
| 2    | 3                  | 1880                  | 16QAM      | 8       | LOW       | 21.05                  | 28.13               | 7.08        | 13            | 0.85             | 21.90         | 33             | Pass       |
| 2    | 3                  | 1880                  | 16QAM      | 8       | MID       | 21.05                  | 28.15               | 7.10        | 13            | 0.85             | 21.90         | 33             | Pass       |
| 2    | 3                  | 1880                  | 16QAM      | 8       | HIGH      | 21.05                  | 28.21               | 7.16        | 13            | 0.85             | 21.90         | 33             | Pass       |
| 2    | 3                  | 1880                  | 16QAM      | 1       | LOW       | 22.44                  | 28.7                | 6.26        | 13            | 0.85             | 23.29         | 33             | Pass       |
| 2    | 3                  | 1880                  | 16QAM      | 1       | MID       | 22.45                  | 28.74               | 6.29        | 13            | 0.85             | 23.3          | 33             | Pass       |
| 2    | 3                  | 1880                  | 16QAM      | 1       | HIGH      | 22.4                   | 28.67               | 6.27        | 13            | 0.85             | 23.25         | 33             | Pass       |
| 2    | 3                  | 1908.5                | QPSK       | 15      | LOW       | 21.95                  | 28.02               | 6.07        | 13            | 0.85             | 22.8          | 33             | Pass       |
| 2    | 3                  | 1908.5                | QPSK       | 8       | LOW       | 21.9                   | 28.14               | 6.24        | 13            | 0.85             | 22.75         | 33             | Pass       |
| 2    | 3                  | 1908.5                | QPSK       | 8       | MID       | 21.92                  | 28.15               | 6.23        | 13            | 0.85             | 22.77         | 33             | Pass       |
| 2    | 3                  | 1908.5                | QPSK       | 8       | HIGH      | 21.91                  | 28.13               | 6.22        | 13            | 0.85             | 22.76         | 33             | Pass       |
| 2    | 3                  | 1908.5                | QPSK       | 1       | LOW       | 22.9                   | 28.11               | 5.21        | 13            | 0.85             | 23.75         | 33             | Pass       |
| 2    | 3                  | 1908.5                | QPSK       | 1       | MID       | 22.95                  | 28.12               | 5.17        | 13            | 0.85             | 23.8          | 33             | Pass       |
| 2    | 3                  | 1908.5                | QPSK       | 1       | HIGH      | 22.9                   | 28.01               | 5.11        | 13            | 0.85             | 23.75         | 33             | Pass       |
| 2    | 3                  | 1908.5                | 16QAM      | 15      | LOW       | 20.93                  | 28.07               | 7.14        | 13            | 0.85             | 21.78         | 33             | Pass       |
| 2    | 3                  | 1908.5                | 16QAM      | 8       | LOW       | 20.97                  | 27.55               | 6.58        | 13            | 0.85             | 21.82         | 33             | Pass       |
| 2    | 3                  | 1908.5                | 16QAM      | 8       | MID       | 20.95                  | 27.57               | 6.62        | 13            | 0.85             | 21.8          | 33             | Pass       |
| 2    | 3                  | 1908.5                | 16QAM      | 8       | HIGH      | 20.96                  | 27.5                | 6.54        | 13            | 0.85             | 21.81         | 33             | Pass       |
| 2    | 3                  | 1908.5                | 16QAM      | 1       | LOW       | 22.09                  | 27.07               | 4.98        | 13            | 0.85             | 22.94         | 33             | Pass       |
| 2    | 3                  | 1908.5                | 16QAM      | 1       | MID       | 22.07                  | 27.03               | 4.96        | 13            | 0.85             | 22.92         | 33             | Pass       |
| 2    | 3                  | 1908.5                | 16QAM      | 1       | HIGH      | 22.07                  | 27                  | 4.93        | 13            | 0.85             | 22.92         | 33             | Pass       |
| 2    | 5                  | 1852.5                | QPSK       | 25      | LOW       | 21.92                  | 28.73               | 6.81        | 13            | 0.85             | 22.77         | 33             | Pass       |
| 2    | 5                  | 1852.5                | QPSK       | 12      | LOW       | 21.85                  | 28.31               | 6.46        | 13            | 0.85             | 22.70         | 33             | Pass       |
| 2    | 5                  | 1852.5                | QPSK       | 12      | MID       | 21.9                   | 28.4                | 6.5         | 13            | 0.85             | 22.75         | 33             | Pass       |
| 2    | 5                  | 1852.5                | QPSK       | 12      | HIGH      | 21.89                  | 28.4                | 6.51        | 13            | 0.85             | 22.74         | 33             | Pass       |
| 2    | 5                  | 1852.5                | QPSK       | 1       | LOW       | 22.81                  | 28.15               | 5.34        | 13            | 0.85             | 23.66         | 33             | Pass       |
| 2    | 5                  | 1852.5                | QPSK       | 1       | MID       | 22.97                  | 28.3                | 5.33        | 13            | 0.85             | 23.82         | 33             | Pass       |
| 2    | 5                  | 1852.5                | QPSK       | 1       | HIGH      | 22.82                  | 28.17               | 5.35        | 13            | 0.85             | 23.67         | 33             | Pass       |
| 2    | 5                  | 1852.5                | 16QAM      | 25      | LOW       | 20.94                  | 28.5                | 7.56        | 13            | 0.85             | 21.79         | 33             | Pass       |
| 2    | 5                  | 1852.5                | 16QAM      | 12      | LOW       | 20.95                  | 27.99               | 7.04        | 13            | 0.85             | 21.8          | 33             | Pass       |
| 2    | 5                  | 1852.5                | 16QAM      | 12      | MID       | 20.97                  | 28                  | 7.03        | 13            | 0.85             | 21.82         | 33             | Pass       |
| 2    | 5                  | 1852.5                | 16QAM      | 12      | HIGH      | 20.98                  | 28.02               | 7.04        | 13            | 0.85             | 21.83         | 33             | Pass       |
| 2    | 5                  | 1852.5                | 16QAM      | 1       | LOW       | 22.12                  | 27.88               | 5.76        | 13            | 0.85             | 22.97         | 33             | Pass       |
| 2    | 5                  | 1852.5                | 16QAM      | 1       | MID       | 22.26                  | 28.02               | 5.76        | 13            | 0.85             | 23.11         | 33             | Pass       |
| 2    | 5                  | 1852.5                | 16QAM      | 1       | HIGH      | 22.1                   | 27.89               | 5.79        | 13            | 0.85             | 22.95         | 33             | Pass       |
| 2    | 5                  | 1880                  | QPSK       | 25      | LOW       | 21.84                  | 28.32               | 6.48        | 13            | 0.85             | 22.69         | 33             | Pass       |
| 2    | 5                  | 1880                  | QPSK       | 12      | LOW       | 21.84                  | 27.93               | 6.09        | 13            | 0.85             | 22.69         | 33             | Pass       |
| 2    | 5                  | 1880                  | QPSK       | 12      | MID       | 21.85                  | 27.86               | 6.01        | 13            | 0.85             | 22.70         | 33             | Pass       |
| 2    | 5                  | 1880                  | QPSK       | 12      | HIGH      | 21.79                  | 27.77               | 5.98        | 13            | 0.85             | 22.64         | 33             | Pass       |

| Band | Bandwidth<br>(MHz) | UL Frequency<br>(MHz) | Modulation | RB Size | RB Offset | Average Power<br>(dBm) | Peak Power<br>(dBm) | PAR<br>(dB) | Limit<br>(dB) | AntGain<br>(dBi) | EIRP<br>(dBm) | Limit<br>(dBm) | Conclusion |
|------|--------------------|-----------------------|------------|---------|-----------|------------------------|---------------------|-------------|---------------|------------------|---------------|----------------|------------|
| 2    | 5                  | 1880                  | QPSK       | 1       | LOW       | 22.7                   | 28.04               | 5.34        | 13            | 0.85             | 23.55         | 33             | Pass       |
| 2    | 5                  | 1880                  | QPSK       | 1       | MID       | 22.88                  | 28.19               | 5.31        | 13            | 0.85             | 23.73         | 33             | Pass       |
| 2    | 5                  | 1880                  | QPSK       | 1       | HIGH      | 22.73                  | 28.04               | 5.31        | 13            | 0.85             | 23.58         | 33             | Pass       |
| 2    | 5                  | 1880                  | 16QAM      | 25      | LOW       | 20.95                  | 28.13               | 7.18        | 13            | 0.85             | 21.8          | 33             | Pass       |
| 2    | 5                  | 1880                  | 16QAM      | 12      | LOW       | 20.88                  | 27.95               | 7.07        | 13            | 0.85             | 21.73         | 33             | Pass       |
| 2    | 5                  | 1880                  | 16QAM      | 12      | MID       | 20.85                  | 27.9                | 7.05        | 13            | 0.85             | 21.70         | 33             | Pass       |
| 2    | 5                  | 1880                  | 16QAM      | 12      | HIGH      | 20.82                  | 27.8                | 6.98        | 13            | 0.85             | 21.67         | 33             | Pass       |
| 2    | 5                  | 1880                  | 16QAM      | 1       | LOW       | 21.84                  | 28.02               | 6.18        | 13            | 0.85             | 22.69         | 33             | Pass       |
| 2    | 5                  | 1880                  | 16QAM      | 1       | MID       | 21.97                  | 28.15               | 6.18        | 13            | 0.85             | 22.82         | 33             | Pass       |
| 2    | 5                  | 1880                  | 16QAM      | 1       | HIGH      | 21.83                  | 27.99               | 6.16        | 13            | 0.85             | 22.68         | 33             | Pass       |
| 2    | 5                  | 1907.5                | QPSK       | 25      | LOW       | 21.96                  | 28.39               | 6.43        | 13            | 0.85             | 22.81         | 33             | Pass       |
| 2    | 5                  | 1907.5                | QPSK       | 12      | LOW       | 21.93                  | 27.88               | 5.95        | 13            | 0.85             | 22.78         | 33             | Pass       |
| 2    | 5                  | 1907.5                | QPSK       | 12      | MID       | 21.92                  | 27.86               | 5.94        | 13            | 0.85             | 22.77         | 33             | Pass       |
| 2    | 5                  | 1907.5                | QPSK       | 12      | HIGH      | 21.98                  | 27.82               | 5.84        | 13            | 0.85             | 22.83         | 33             | Pass       |
| 2    | 5                  | 1907.5                | QPSK       | 1       | LOW       | 22.82                  | 28.65               | 5.83        | 13            | 0.85             | 23.67         | 33             | Pass       |
| 2    | 5                  | 1907.5                | QPSK       | 1       | MID       | 22.96                  | 28.58               | 5.62        | 13            | 0.85             | 23.81         | 33             | Pass       |
| 2    | 5                  | 1907.5                | QPSK       | 1       | HIGH      | 22.82                  | 28.33               | 5.51        | 13            | 0.85             | 23.67         | 33             | Pass       |
| 2    | 5                  | 1907.5                | 16QAM      | 25      | LOW       | 21.07                  | 28.26               | 7.19        | 13            | 0.85             | 21.92         | 33             | Pass       |
| 2    | 5                  | 1907.5                | 16QAM      | 12      | LOW       | 20.97                  | 28.64               | 7.67        | 13            | 0.85             | 21.82         | 33             | Pass       |
| 2    | 5                  | 1907.5                | 16QAM      | 12      | MID       | 20.96                  | 28.63               | 7.67        | 13            | 0.85             | 21.81         | 33             | Pass       |
| 2    | 5                  | 1907.5                | 16QAM      | 12      | HIGH      | 20.99                  | 28.5                | 7.51        | 13            | 0.85             | 21.84         | 33             | Pass       |
| 2    | 5                  | 1907.5                | 16QAM      | 1       | LOW       | 21.75                  | 27.28               | 5.53        | 13            | 0.85             | 22.6          | 33             | Pass       |
| 2    | 5                  | 1907.5                | 16QAM      | 1       | MID       | 21.91                  | 27.38               | 5.47        | 13            | 0.85             | 22.76         | 33             | Pass       |
| 2    | 5                  | 1907.5                | 16QAM      | 1       | HIGH      | 21.78                  | 27.19               | 5.41        | 13            | 0.85             | 22.63         | 33             | Pass       |
| 2    | 10                 | 1855                  | QPSK       | 50      | LOW       | 21.96                  | 28.01               | 6.05        | 13            | 0.85             | 22.81         | 33             | Pass       |
| 2    | 10                 | 1855                  | QPSK       | 25      | LOW       | 21.91                  | 28.47               | 6.56        | 13            | 0.85             | 22.76         | 33             | Pass       |
| 2    | 10                 | 1855                  | QPSK       | 25      | MID       | 21.93                  | 28.55               | 6.62        | 13            | 0.85             | 22.78         | 33             | Pass       |
| 2    | 10                 | 1855                  | QPSK       | 25      | HIGH      | 21.97                  | 28.63               | 6.66        | 13            | 0.85             | 22.82         | 33             | Pass       |
| 2    | 10                 | 1855                  | QPSK       | 1       | LOW       | 22.91                  | 27.83               | 4.92        | 13            | 0.85             | 23.76         | 33             | Pass       |
| 2    | 10                 | 1855                  | QPSK       | 1       | MID       | 22.97                  | 27.89               | 4.92        | 13            | 0.85             | 23.82         | 33             | Pass       |
| 2    | 10                 | 1855                  | QPSK       | 1       | HIGH      | 22.81                  | 27.78               | 4.97        | 13            | 0.85             | 23.66         | 33             | Pass       |
| 2    | 10                 | 1855                  | 16QAM      | 50      | LOW       | 21.01                  | 28.88               | 7.87        | 13            | 0.85             | 21.86         | 33             | Pass       |
| 2    | 10                 | 1855                  | 16QAM      | 25      | LOW       | 21.09                  | 28.46               | 7.37        | 13            | 0.85             | 21.94         | 33             | Pass       |
| 2    | 10                 | 1855                  | 16QAM      | 25      | MID       | 21.1                   | 28.46               | 7.36        | 13            | 0.85             | 21.95         | 33             | Pass       |
| 2    | 10                 | 1855                  | 16QAM      | 25      | HIGH      | 21.1                   | 28.51               | 7.41        | 13            | 0.85             | 21.95         | 33             | Pass       |
| 2    | 10                 | 1855                  | 16QAM      | 1       | LOW       | 21.95                  | 27.36               | 5.41        | 13            | 0.85             | 22.8          | 33             | Pass       |
| 2    | 10                 | 1855                  | 16QAM      | 1       | MID       | 22.07                  | 27.49               | 5.42        | 13            | 0.85             | 22.92         | 33             | Pass       |
| 2    | 10                 | 1855                  | 16QAM      | 1       | HIGH      | 21.85                  | 27.32               | 5.47        | 13            | 0.85             | 22.70         | 33             | Pass       |
| 2    | 10                 | 1880                  | QPSK       | 50      | LOW       | 21.94                  | 28.38               | 6.44        | 13            | 0.85             | 22.79         | 33             | Pass       |
| 2    | 10                 | 1880                  | QPSK       | 25      | LOW       | 22.02                  | 28.65               | 6.63        | 13            | 0.85             | 22.87         | 33             | Pass       |
| 2    | 10                 | 1880                  | QPSK       | 25      | MID       | 22                     | 28.65               | 6.65        | 13            | 0.85             | 22.85         | 33             | Pass       |

| Band | Bandwidth<br>(MHz) | UL Frequency<br>(MHz) | Modulation | RB Size | RB Offset | Average Power<br>(dBm) | Peak Power<br>(dBm) | PAR<br>(dB) | Limit<br>(dB) | AntGain<br>(dBi) | EIRP<br>(dBm) | Limit<br>(dBm) | Conclusion |
|------|--------------------|-----------------------|------------|---------|-----------|------------------------|---------------------|-------------|---------------|------------------|---------------|----------------|------------|
| 2    | 10                 | 1880                  | QPSK       | 25      | HIGH      | 21.88                  | 28.48               | 6.60        | 13            | 0.85             | 22.73         | 33             | Pass       |
| 2    | 10                 | 1880                  | QPSK       | 1       | LOW       | 22.82                  | 27.86               | 5.04        | 13            | 0.85             | 23.67         | 33             | Pass       |
| 2    | 10                 | 1880                  | QPSK       | 1       | MID       | 22.96                  | 27.94               | 4.98        | 13            | 0.85             | 23.81         | 33             | Pass       |
| 2    | 10                 | 1880                  | QPSK       | 1       | HIGH      | 22.79                  | 27.85               | 5.06        | 13            | 0.85             | 23.64         | 33             | Pass       |
| 2    | 10                 | 1880                  | 16QAM      | 50      | LOW       | 21.01                  | 28.92               | 7.91        | 13            | 0.85             | 21.86         | 33             | Pass       |
| 2    | 10                 | 1880                  | 16QAM      | 25      | LOW       | 21.11                  | 28.6                | 7.49        | 13            | 0.85             | 21.96         | 33             | Pass       |
| 2    | 10                 | 1880                  | 16QAM      | 25      | MID       | 21.1                   | 28.58               | 7.48        | 13            | 0.85             | 21.95         | 33             | Pass       |
| 2    | 10                 | 1880                  | 16QAM      | 25      | HIGH      | 21.02                  | 28.54               | 7.52        | 13            | 0.85             | 21.87         | 33             | Pass       |
| 2    | 10                 | 1880                  | 16QAM      | 1       | LOW       | 22.44                  | 28.7                | 6.26        | 13            | 0.85             | 23.29         | 33             | Pass       |
| 2    | 10                 | 1880                  | 16QAM      | 1       | MID       | 22.57                  | 28.75               | 6.18        | 13            | 0.85             | 23.42         | 33             | Pass       |
| 2    | 10                 | 1880                  | 16QAM      | 1       | HIGH      | 22.46                  | 28.72               | 6.26        | 13            | 0.85             | 23.31         | 33             | Pass       |
| 2    | 10                 | 1905                  | QPSK       | 50      | LOW       | 22.07                  | 28.71               | 6.64        | 13            | 0.85             | 22.92         | 33             | Pass       |
| 2    | 10                 | 1905                  | QPSK       | 25      | LOW       | 22.09                  | 28.49               | 6.40        | 13            | 0.85             | 22.94         | 33             | Pass       |
| 2    | 10                 | 1905                  | QPSK       | 25      | MID       | 22.09                  | 28.48               | 6.39        | 13            | 0.85             | 22.94         | 33             | Pass       |
| 2    | 10                 | 1905                  | QPSK       | 25      | HIGH      | 22.04                  | 28.34               | 6.30        | 13            | 0.85             | 22.89         | 33             | Pass       |
| 2    | 10                 | 1905                  | QPSK       | 1       | LOW       | 22.96                  | 28.32               | 5.36        | 13            | 0.85             | 23.81         | 33             | Pass       |
| 2    | 10                 | 1905                  | QPSK       | 1       | MID       | 23.08                  | 28.39               | 5.31        | 13            | 0.85             | 23.93         | 33             | Pass       |
| 2    | 10                 | 1905                  | QPSK       | 1       | HIGH      | 22.9                   | 28.05               | 5.15        | 13            | 0.85             | 23.75         | 33             | Pass       |
| 2    | 10                 | 1905                  | 16QAM      | 50      | LOW       | 21.16                  | 28.08               | 6.92        | 13            | 0.85             | 22.01         | 33             | Pass       |
| 2    | 10                 | 1905                  | 16QAM      | 25      | LOW       | 21.19                  | 28.78               | 7.59        | 13            | 0.85             | 22.04         | 33             | Pass       |
| 2    | 10                 | 1905                  | 16QAM      | 25      | MID       | 21.19                  | 28.8                | 7.61        | 13            | 0.85             | 22.04         | 33             | Pass       |
| 2    | 10                 | 1905                  | 16QAM      | 25      | HIGH      | 21.15                  | 28.6                | 7.45        | 13            | 0.85             | 22            | 33             | Pass       |
| 2    | 10                 | 1905                  | 16QAM      | 1       | LOW       | 22.09                  | 27.12               | 5.03        | 13            | 0.85             | 22.94         | 33             | Pass       |
| 2    | 10                 | 1905                  | 16QAM      | 1       | MID       | 22.23                  | 27.19               | 4.96        | 13            | 0.85             | 23.08         | 33             | Pass       |
| 2    | 10                 | 1905                  | 16QAM      | 1       | HIGH      | 22.07                  | 27.03               | 4.96        | 13            | 0.85             | 22.92         | 33             | Pass       |
| 2    | 15                 | 1857.5                | QPSK       | 75      | LOW       | 21.92                  | 28.95               | 7.03        | 13            | 0.85             | 22.77         | 33             | Pass       |
| 2    | 15                 | 1857.5                | QPSK       | 38      | LOW       | 21.89                  | 28.92               | 7.03        | 13            | 0.85             | 22.74         | 33             | Pass       |
| 2    | 15                 | 1857.5                | QPSK       | 38      | MID       | 21.91                  | 28.98               | 7.07        | 13            | 0.85             | 22.76         | 33             | Pass       |
| 2    | 15                 | 1857.5                | QPSK       | 38      | HIGH      | 21.88                  | 28.97               | 7.09        | 13            | 0.85             | 22.73         | 33             | Pass       |
| 2    | 15                 | 1857.5                | QPSK       | 1       | LOW       | 22.77                  | 27.75               | 4.98        | 13            | 0.85             | 23.62         | 33             | Pass       |
| 2    | 15                 | 1857.5                | QPSK       | 1       | MID       | 22.83                  | 27.82               | 4.99        | 13            | 0.85             | 23.68         | 33             | Pass       |
| 2    | 15                 | 1857.5                | QPSK       | 1       | HIGH      | 22.69                  | 27.67               | 4.98        | 13            | 0.85             | 23.54         | 33             | Pass       |
| 2    | 15                 | 1857.5                | 16QAM      | 75      | LOW       | 20.91                  | 28.42               | 7.51        | 13            | 0.85             | 21.76         | 33             | Pass       |
| 2    | 15                 | 1857.5                | 16QAM      | 38      | LOW       | 20.94                  | 28.49               | 7.55        | 13            | 0.85             | 21.79         | 33             | Pass       |
| 2    | 15                 | 1857.5                | 16QAM      | 38      | MID       | 20.96                  | 28.51               | 7.55        | 13            | 0.85             | 21.81         | 33             | Pass       |
| 2    | 15                 | 1857.5                | 16QAM      | 38      | HIGH      | 20.94                  | 28.4                | 7.46        | 13            | 0.85             | 21.79         | 33             | Pass       |
| 2    | 15                 | 1857.5                | 16QAM      | 1       | LOW       | 22.46                  | 28.56               | 6.10        | 13            | 0.85             | 23.31         | 33             | Pass       |
| 2    | 15                 | 1857.5                | 16QAM      | 1       | MID       | 22.47                  | 28.62               | 6.15        | 13            | 0.85             | 23.32         | 33             | Pass       |
| 2    | 15                 | 1857.5                | 16QAM      | 1       | HIGH      | 22.36                  | 28.49               | 6.13        | 13            | 0.85             | 23.21         | 33             | Pass       |
| 2    | 15                 | 1880                  | QPSK       | 75      | LOW       | 21.92                  | 28.78               | 6.86        | 13            | 0.85             | 22.77         | 33             | Pass       |
| 2    | 15                 | 1880                  | QPSK       | 38      | LOW       | 21.9                   | 28.77               | 6.87        | 13            | 0.85             | 22.75         | 33             | Pass       |

| Band | Bandwidth<br>(MHz) | UL Frequency<br>(MHz) | Modulation | RB Size | RB Offset | Average Power<br>(dBm) | Peak Power<br>(dBm) | PAR<br>(dB) | Limit<br>(dB) | AntGain<br>(dBi) | EIRP<br>(dBm) | Limit<br>(dBm) | Conclusion |
|------|--------------------|-----------------------|------------|---------|-----------|------------------------|---------------------|-------------|---------------|------------------|---------------|----------------|------------|
| 2    | 15                 | 1880                  | QPSK       | 38      | MID       | 21.91                  | 28.85               | 6.94        | 13            | 0.85             | 22.76         | 33             | Pass       |
| 2    | 15                 | 1880                  | QPSK       | 38      | HIGH      | 21.93                  | 28.87               | 6.94        | 13            | 0.85             | 22.78         | 33             | Pass       |
| 2    | 15                 | 1880                  | QPSK       | 1       | LOW       | 22.73                  | 28.2                | 5.47        | 13            | 0.85             | 23.58         | 33             | Pass       |
| 2    | 15                 | 1880                  | QPSK       | 1       | MID       | 22.85                  | 28.29               | 5.44        | 13            | 0.85             | 23.70         | 33             | Pass       |
| 2    | 15                 | 1880                  | QPSK       | 1       | HIGH      | 22.78                  | 28.23               | 5.45        | 13            | 0.85             | 23.63         | 33             | Pass       |
| 2    | 15                 | 1880                  | 16QAM      | 75      | LOW       | 20.94                  | 28.64               | 7.70        | 13            | 0.85             | 21.79         | 33             | Pass       |
| 2    | 15                 | 1880                  | 16QAM      | 38      | LOW       | 20.95                  | 28.48               | 7.53        | 13            | 0.85             | 21.8          | 33             | Pass       |
| 2    | 15                 | 1880                  | 16QAM      | 38      | MID       | 20.96                  | 28.47               | 7.51        | 13            | 0.85             | 21.81         | 33             | Pass       |
| 2    | 15                 | 1880                  | 16QAM      | 38      | HIGH      | 20.97                  | 28.56               | 7.59        | 13            | 0.85             | 21.82         | 33             | Pass       |
| 2    | 15                 | 1880                  | 16QAM      | 1       | LOW       | 21.9                   | 26.98               | 5.08        | 13            | 0.85             | 22.75         | 33             | Pass       |
| 2    | 15                 | 1880                  | 16QAM      | 1       | MID       | 22.01                  | 27.08               | 5.07        | 13            | 0.85             | 22.86         | 33             | Pass       |
| 2    | 15                 | 1880                  | 16QAM      | 1       | HIGH      | 21.88                  | 26.97               | 5.09        | 13            | 0.85             | 22.73         | 33             | Pass       |
| 2    | 15                 | 1902.5                | QPSK       | 75      | LOW       | 21.95                  | 28.72               | 6.77        | 13            | 0.85             | 22.8          | 33             | Pass       |
| 2    | 15                 | 1902.5                | QPSK       | 38      | LOW       | 21.98                  | 28.74               | 6.76        | 13            | 0.85             | 22.83         | 33             | Pass       |
| 2    | 15                 | 1902.5                | QPSK       | 38      | MID       | 21.97                  | 28.71               | 6.74        | 13            | 0.85             | 22.82         | 33             | Pass       |
| 2    | 15                 | 1902.5                | QPSK       | 38      | HIGH      | 21.95                  | 28.7                | 6.75        | 13            | 0.85             | 22.8          | 33             | Pass       |
| 2    | 15                 | 1902.5                | QPSK       | 1       | LOW       | 22.81                  | 27.49               | 4.68        | 13            | 0.85             | 23.66         | 33             | Pass       |
| 2    | 15                 | 1902.5                | QPSK       | 1       | MID       | 22.95                  | 27.62               | 4.67        | 13            | 0.85             | 23.8          | 33             | Pass       |
| 2    | 15                 | 1902.5                | QPSK       | 1       | HIGH      | 22.83                  | 27.4                | 4.57        | 13            | 0.85             | 23.68         | 33             | Pass       |
| 2    | 15                 | 1902.5                | 16QAM      | 75      | LOW       | 21.02                  | 28.4                | 7.38        | 13            | 0.85             | 21.87         | 33             | Pass       |
| 2    | 15                 | 1902.5                | 16QAM      | 38      | LOW       | 21.01                  | 28.41               | 7.40        | 13            | 0.85             | 21.86         | 33             | Pass       |
| 2    | 15                 | 1902.5                | 16QAM      | 38      | MID       | 21.01                  | 28.47               | 7.46        | 13            | 0.85             | 21.86         | 33             | Pass       |
| 2    | 15                 | 1902.5                | 16QAM      | 38      | HIGH      | 21                     | 28.44               | 7.44        | 13            | 0.85             | 21.85         | 33             | Pass       |
| 2    | 15                 | 1902.5                | 16QAM      | 1       | LOW       | 22.22                  | 27.38               | 5.16        | 13            | 0.85             | 23.07         | 33             | Pass       |
| 2    | 15                 | 1902.5                | 16QAM      | 1       | MID       | 22.37                  | 27.54               | 5.17        | 13            | 0.85             | 23.22         | 33             | Pass       |
| 2    | 15                 | 1902.5                | 16QAM      | 1       | HIGH      | 22.28                  | 27.35               | 5.07        | 13            | 0.85             | 23.13         | 33             | Pass       |
| 2    | 20                 | 1860                  | QPSK       | 100     | LOW       | 21.83                  | 28.62               | 6.79        | 13            | 0.85             | 22.68         | 33             | Pass       |
| 2    | 20                 | 1860                  | QPSK       | 50      | LOW       | 21.77                  | 28.48               | 6.71        | 13            | 0.85             | 22.62         | 33             | Pass       |
| 2    | 20                 | 1860                  | QPSK       | 50      | MID       | 21.78                  | 28.41               | 6.63        | 13            | 0.85             | 22.63         | 33             | Pass       |
| 2    | 20                 | 1860                  | QPSK       | 50      | HIGH      | 21.87                  | 28.35               | 6.48        | 13            | 0.85             | 22.72         | 33             | Pass       |
| 2    | 20                 | 1860                  | QPSK       | 1       | LOW       | 22.67                  | 27.92               | 5.25        | 13            | 0.85             | 23.52         | 33             | Pass       |
| 2    | 20                 | 1860                  | QPSK       | 1       | MID       | 22.95                  | 28.12               | 5.17        | 13            | 0.85             | 23.8          | 33             | Pass       |
| 2    | 20                 | 1860                  | QPSK       | 1       | HIGH      | 22.5                   | 27.83               | 5.33        | 13            | 0.85             | 23.35         | 33             | Pass       |
| 2    | 20                 | 1860                  | 16QAM      | 100     | LOW       | 20.92                  | 28.44               | 7.52        | 13            | 0.85             | 21.77         | 33             | Pass       |
| 2    | 20                 | 1860                  | 16QAM      | 50      | LOW       | 20.83                  | 28.43               | 7.60        | 13            | 0.85             | 21.68         | 33             | Pass       |
| 2    | 20                 | 1860                  | 16QAM      | 50      | MID       | 20.84                  | 28.44               | 7.60        | 13            | 0.85             | 21.69         | 33             | Pass       |
| 2    | 20                 | 1860                  | 16QAM      | 50      | HIGH      | 20.94                  | 28.34               | 7.40        | 13            | 0.85             | 21.79         | 33             | Pass       |
| 2    | 20                 | 1860                  | 16QAM      | 1       | LOW       | 22.26                  | 27.82               | 5.56        | 13            | 0.85             | 23.11         | 33             | Pass       |
| 2    | 20                 | 1860                  | 16QAM      | 1       | MID       | 22.6                   | 28.05               | 5.45        | 13            | 0.85             | 23.45         | 33             | Pass       |
| 2    | 20                 | 1860                  | 16QAM      | 1       | HIGH      | 22.07                  | 27.71               | 5.64        | 13            | 0.85             | 22.92         | 33             | Pass       |
| 2    | 20                 | 1880                  | QPSK       | 100     | LOW       | 21.99                  | 28.74               | 6.75        | 13            | 0.85             | 22.84         | 33             | Pass       |

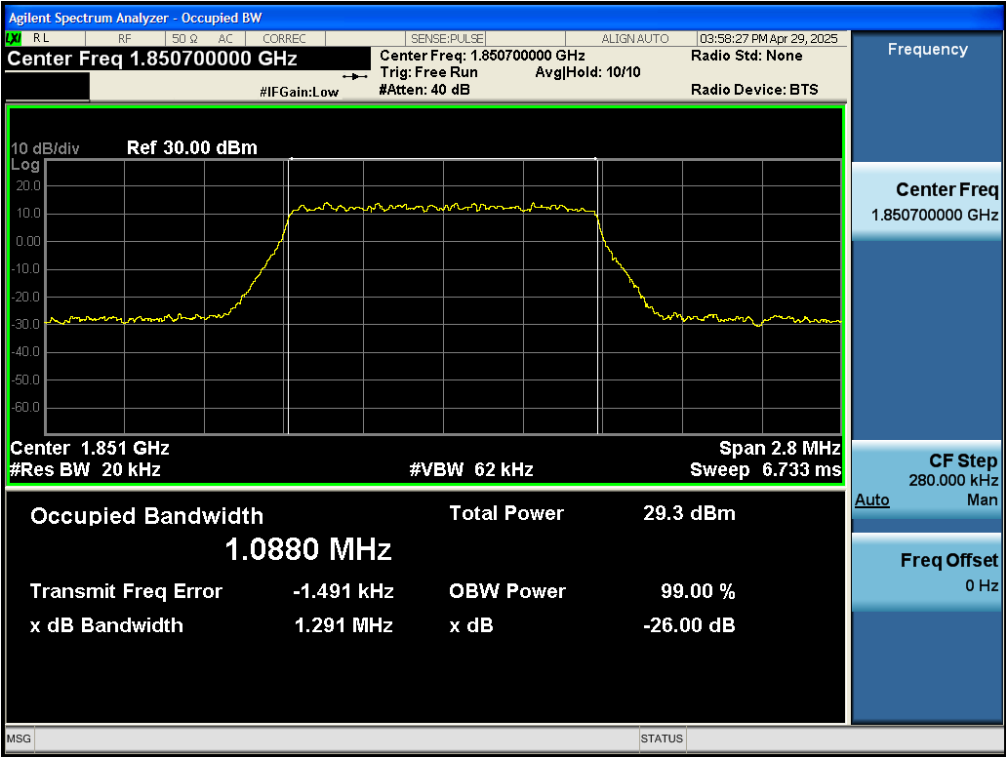
| Band | Bandwidth<br>(MHz) | UL Frequency<br>(MHz) | Modulation | RB Size | RB Offset | Average Power<br>(dBm) | Peak Power<br>(dBm) | PAR<br>(dB) | Limit<br>(dB) | AntGain<br>(dBi) | EIRP<br>(dBm) | Limit<br>(dBm) | Conclusion |
|------|--------------------|-----------------------|------------|---------|-----------|------------------------|---------------------|-------------|---------------|------------------|---------------|----------------|------------|
| 2    | 20                 | 1880                  | QPSK       | 50      | LOW       | 22                     | 28.7                | 6.70        | 13            | 0.85             | 22.85         | 33             | Pass       |
| 2    | 20                 | 1880                  | QPSK       | 50      | MID       | 22.03                  | 28.7                | 6.67        | 13            | 0.85             | 22.88         | 33             | Pass       |
| 2    | 20                 | 1880                  | QPSK       | 50      | HIGH      | 21.9                   | 28.68               | 6.78        | 13            | 0.85             | 22.75         | 33             | Pass       |
| 2    | 20                 | 1880                  | QPSK       | 1       | LOW       | 22.62                  | 28.07               | 5.45        | 13            | 0.85             | 23.47         | 33             | Pass       |
| 2    | 20                 | 1880                  | QPSK       | 1       | MID       | 23.1                   | 28.53               | 5.43        | 13            | 0.85             | 23.95         | 33             | Pass       |
| 2    | 20                 | 1880                  | QPSK       | 1       | HIGH      | 22.64                  | 28.14               | 5.5         | 13            | 0.85             | 23.49         | 33             | Pass       |
| 2    | 20                 | 1880                  | 16QAM      | 100     | LOW       | 21.07                  | 28.91               | 7.84        | 13            | 0.85             | 21.92         | 33             | Pass       |
| 2    | 20                 | 1880                  | 16QAM      | 50      | LOW       | 21.05                  | 28.9                | 7.85        | 13            | 0.85             | 21.90         | 33             | Pass       |
| 2    | 20                 | 1880                  | 16QAM      | 50      | MID       | 21.05                  | 28.95               | 7.90        | 13            | 0.85             | 21.90         | 33             | Pass       |
| 2    | 20                 | 1880                  | 16QAM      | 50      | HIGH      | 20.94                  | 29.02               | 8.08        | 13            | 0.85             | 21.79         | 33             | Pass       |
| 2    | 20                 | 1880                  | 16QAM      | 1       | LOW       | 21.95                  | 27.77               | 5.82        | 13            | 0.85             | 22.8          | 33             | Pass       |
| 2    | 20                 | 1880                  | 16QAM      | 1       | MID       | 22.39                  | 28.18               | 5.79        | 13            | 0.85             | 23.24         | 33             | Pass       |
| 2    | 20                 | 1880                  | 16QAM      | 1       | HIGH      | 21.95                  | 27.86               | 5.91        | 13            | 0.85             | 22.8          | 33             | Pass       |
| 2    | 20                 | 1900                  | QPSK       | 100     | LOW       | 21.85                  | 28.41               | 6.56        | 13            | 0.85             | 22.70         | 33             | Pass       |
| 2    | 20                 | 1900                  | QPSK       | 50      | LOW       | 21.82                  | 28.39               | 6.57        | 13            | 0.85             | 22.67         | 33             | Pass       |
| 2    | 20                 | 1900                  | QPSK       | 50      | MID       | 21.82                  | 28.42               | 6.60        | 13            | 0.85             | 22.67         | 33             | Pass       |
| 2    | 20                 | 1900                  | QPSK       | 50      | HIGH      | 21.8                   | 28.42               | 6.62        | 13            | 0.85             | 22.65         | 33             | Pass       |
| 2    | 20                 | 1900                  | QPSK       | 1       | LOW       | 22.65                  | 27.78               | 5.13        | 13            | 0.85             | 23.5          | 33             | Pass       |
| 2    | 20                 | 1900                  | QPSK       | 1       | MID       | 23.07                  | 28.13               | 5.06        | 13            | 0.85             | 23.92         | 33             | Pass       |
| 2    | 20                 | 1900                  | QPSK       | 1       | HIGH      | 22.71                  | 27.68               | 4.97        | 13            | 0.85             | 23.56         | 33             | Pass       |
| 2    | 20                 | 1900                  | 16QAM      | 100     | LOW       | 20.9                   | 28.24               | 7.34        | 13            | 0.85             | 21.75         | 33             | Pass       |
| 2    | 20                 | 1900                  | 16QAM      | 50      | LOW       | 20.87                  | 28.13               | 7.26        | 13            | 0.85             | 21.72         | 33             | Pass       |
| 2    | 20                 | 1900                  | 16QAM      | 50      | MID       | 20.92                  | 28.17               | 7.25        | 13            | 0.85             | 21.77         | 33             | Pass       |
| 2    | 20                 | 1900                  | 16QAM      | 50      | HIGH      | 20.87                  | 28.23               | 7.36        | 13            | 0.85             | 21.72         | 33             | Pass       |
| 2    | 20                 | 1900                  | 16QAM      | 1       | LOW       | 21.89                  | 28.1                | 6.21        | 13            | 0.85             | 22.74         | 33             | Pass       |
| 2    | 20                 | 1900                  | 16QAM      | 1       | MID       | 22.35                  | 28.45               | 6.10        | 13            | 0.85             | 23.20         | 33             | Pass       |
| 2    | 20                 | 1900                  | 16QAM      | 1       | HIGH      | 21.95                  | 27.98               | 6.03        | 13            | 0.85             | 22.8          | 33             | Pass       |

## Appendix B: Occupied bandwidth

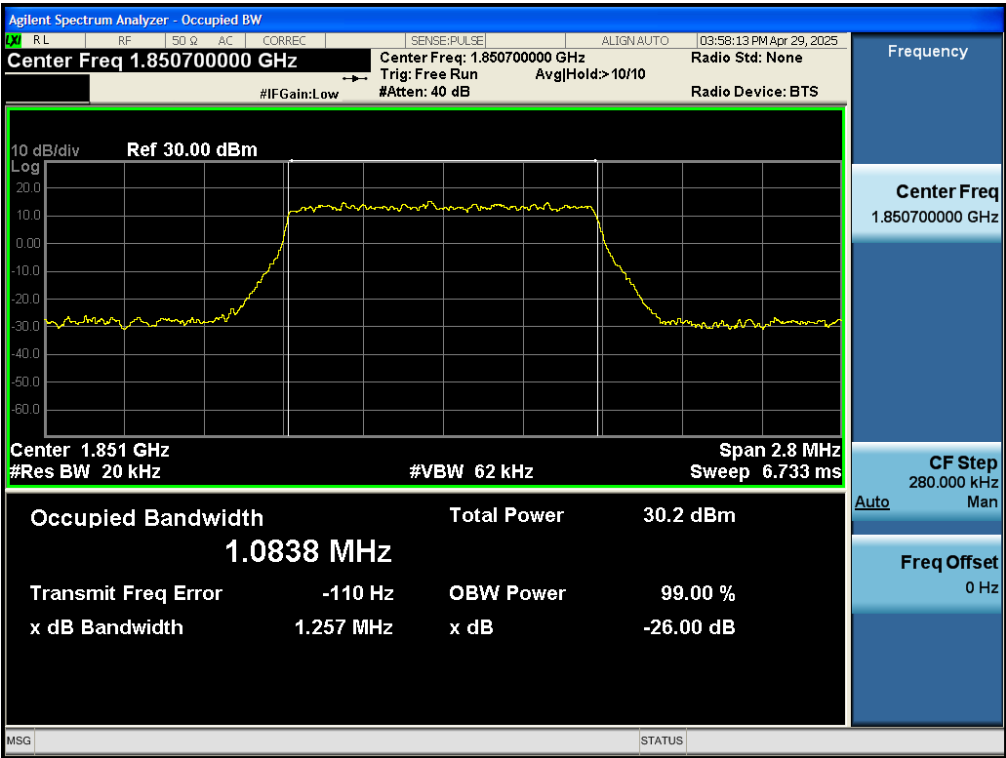
### Test Result

| Band | Bandwidth<br>(MHz) | UL Frequency<br>(MHz) | Modulation | RB Size | RB Offset | Occupied Bandwidth<br>(MHz) | Emission Bandwidth<br>(MHz) | Limit    |
|------|--------------------|-----------------------|------------|---------|-----------|-----------------------------|-----------------------------|----------|
| 2    | 1.4                | 1850.7                | QPSK       | 6       | LOW       | 1.084                       | 1.257                       | No limit |
| 2    | 1.4                | 1850.7                | 16QAM      | 6       | LOW       | 1.088                       | 1.291                       | No limit |
| 2    | 1.4                | 1880                  | QPSK       | 6       | LOW       | 1.086                       | 1.288                       | No limit |
| 2    | 1.4                | 1880                  | 16QAM      | 6       | LOW       | 1.081                       | 1.245                       | No limit |
| 2    | 1.4                | 1909.3                | QPSK       | 6       | LOW       | 1.093                       | 1.266                       | No limit |
| 2    | 1.4                | 1909.3                | 16QAM      | 6       | LOW       | 1.086                       | 1.272                       | No limit |
| 2    | 3                  | 1851.5                | QPSK       | 15      | LOW       | 2.678                       | 2.854                       | No limit |
| 2    | 3                  | 1851.5                | 16QAM      | 15      | LOW       | 2.679                       | 2.875                       | No limit |
| 2    | 3                  | 1880                  | QPSK       | 15      | LOW       | 2.677                       | 2.872                       | No limit |
| 2    | 3                  | 1880                  | 16QAM      | 15      | LOW       | 2.679                       | 2.86                        | No limit |
| 2    | 3                  | 1908.5                | QPSK       | 15      | LOW       | 2.681                       | 2.863                       | No limit |
| 2    | 3                  | 1908.5                | 16QAM      | 15      | LOW       | 2.676                       | 2.853                       | No limit |
| 2    | 5                  | 1852.5                | QPSK       | 25      | LOW       | 4.471                       | 4.84                        | No limit |
| 2    | 5                  | 1852.5                | 16QAM      | 25      | LOW       | 4.474                       | 4.848                       | No limit |
| 2    | 5                  | 1880                  | QPSK       | 25      | LOW       | 4.486                       | 4.851                       | No limit |
| 2    | 5                  | 1880                  | 16QAM      | 25      | LOW       | 4.467                       | 4.785                       | No limit |
| 2    | 5                  | 1907.5                | QPSK       | 25      | LOW       | 4.486                       | 4.81                        | No limit |
| 2    | 5                  | 1907.5                | 16QAM      | 25      | LOW       | 4.482                       | 4.858                       | No limit |
| 2    | 10                 | 1855                  | QPSK       | 50      | LOW       | 8.954                       | 9.658                       | No limit |
| 2    | 10                 | 1855                  | 16QAM      | 50      | LOW       | 8.946                       | 9.586                       | No limit |
| 2    | 10                 | 1880                  | QPSK       | 50      | LOW       | 8.963                       | 9.677                       | No limit |
| 2    | 10                 | 1880                  | 16QAM      | 50      | LOW       | 8.949                       | 9.495                       | No limit |
| 2    | 10                 | 1905                  | QPSK       | 50      | LOW       | 8.954                       | 9.627                       | No limit |
| 2    | 10                 | 1905                  | 16QAM      | 50      | LOW       | 8.972                       | 9.59                        | No limit |
| 2    | 15                 | 1857.5                | QPSK       | 75      | LOW       | 13.411                      | 14.295                      | No limit |
| 2    | 15                 | 1857.5                | 16QAM      | 75      | LOW       | 13.409                      | 14.203                      | No limit |
| 2    | 15                 | 1880                  | QPSK       | 75      | LOW       | 13.47                       | 14.668                      | No limit |
| 2    | 15                 | 1880                  | 16QAM      | 75      | LOW       | 13.439                      | 14.369                      | No limit |
| 2    | 15                 | 1902.5                | QPSK       | 75      | LOW       | 13.429                      | 14.376                      | No limit |
| 2    | 15                 | 1902.5                | 16QAM      | 75      | LOW       | 13.451                      | 14.332                      | No limit |
| 2    | 20                 | 1860                  | QPSK       | 100     | LOW       | 17.873                      | 18.851                      | No limit |
| 2    | 20                 | 1860                  | 16QAM      | 100     | LOW       | 17.872                      | 18.946                      | No limit |
| 2    | 20                 | 1880                  | QPSK       | 100     | LOW       | 17.928                      | 19.093                      | No limit |
| 2    | 20                 | 1880                  | 16QAM      | 100     | LOW       | 17.943                      | 19.266                      | No limit |
| 2    | 20                 | 1900                  | QPSK       | 100     | LOW       | 17.898                      | 19.161                      | No limit |
| 2    | 20                 | 1900                  | 16QAM      | 100     | LOW       | 17.855                      | 19.035                      | No limit |

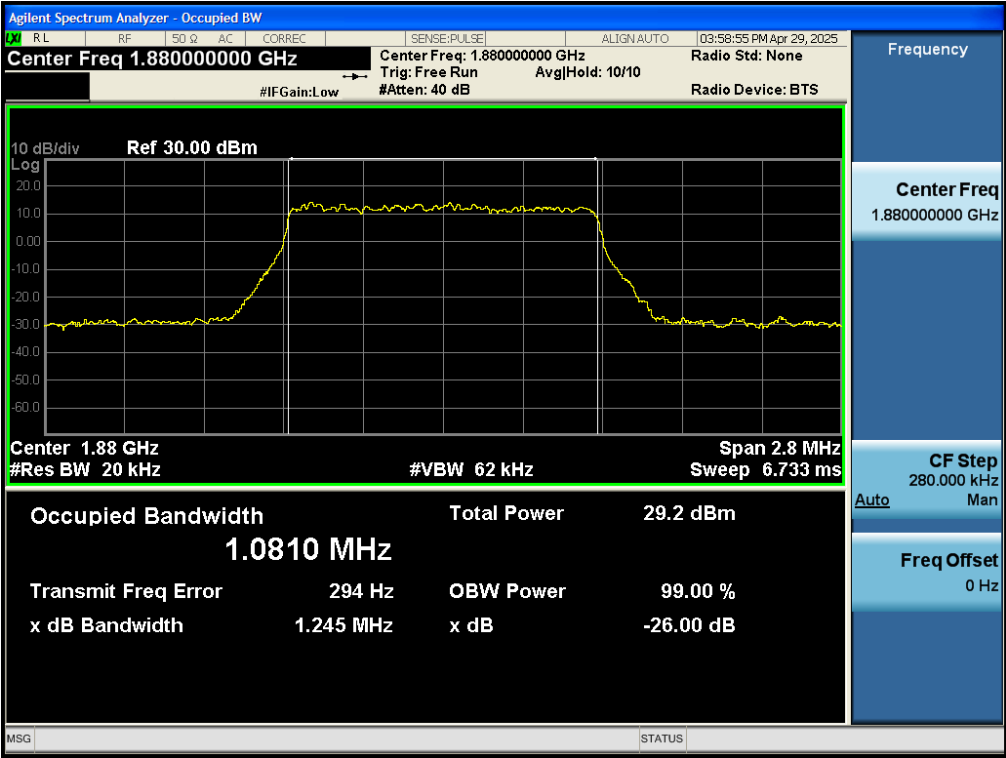
Test Graphs



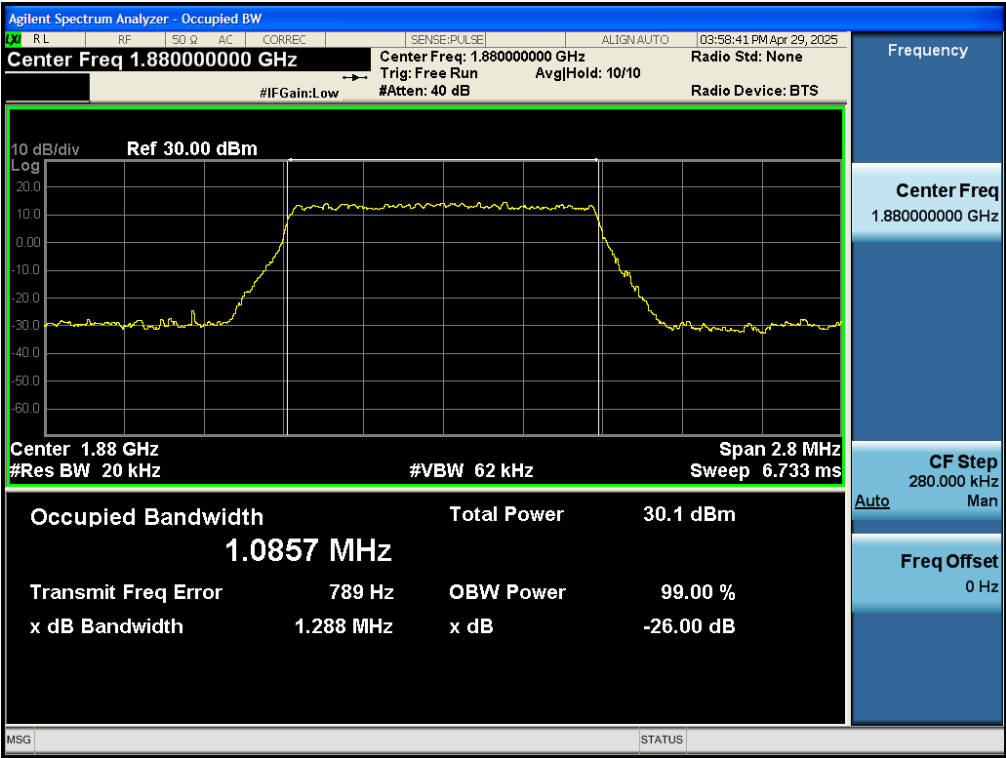
Test\_Graph\_band2\_1850.7MHz\_1.4M\_16QAM\_6RB#LOW\_OBW&EBW



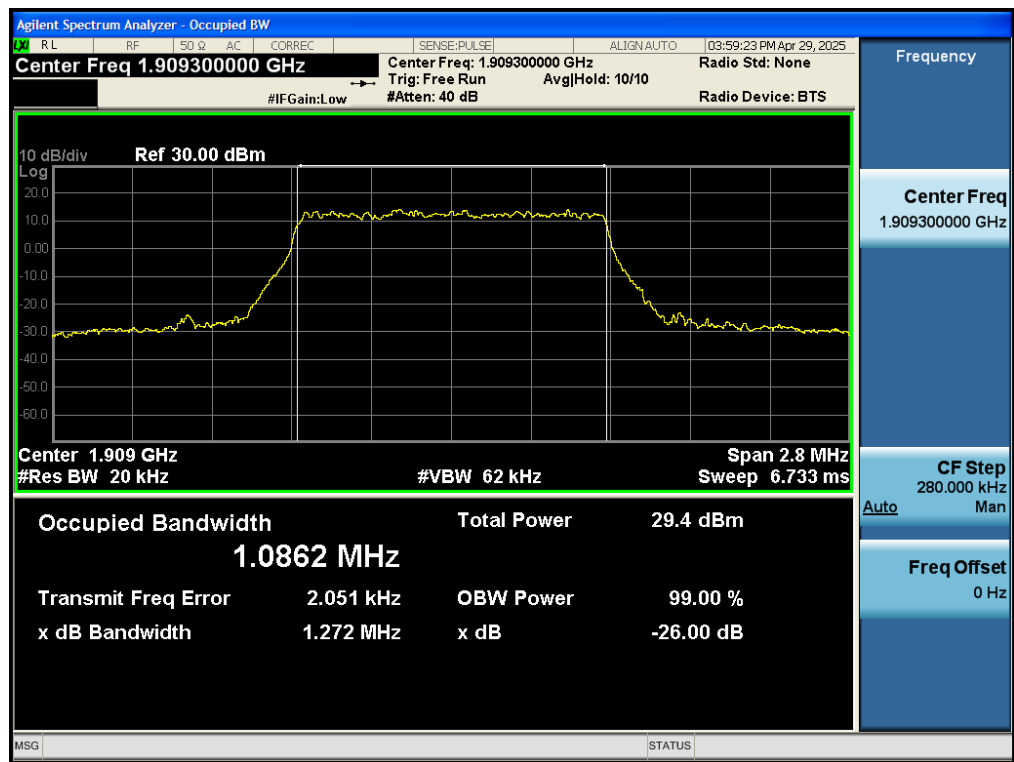
Test\_Graph\_band2\_1850.7MHz\_1.4M\_QPSK\_6RB#LOW\_OBW&EBW



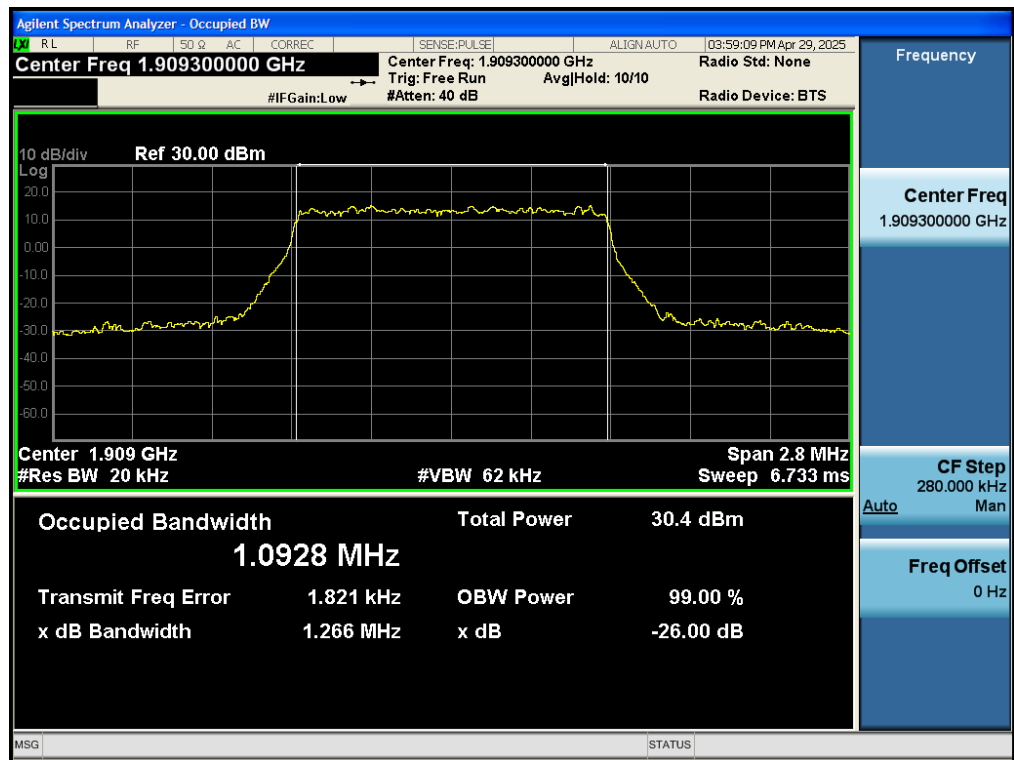
Test\_Graph\_band2\_1880MHz\_1.4M\_16QAM\_6RB#LOW\_OBW&EBW



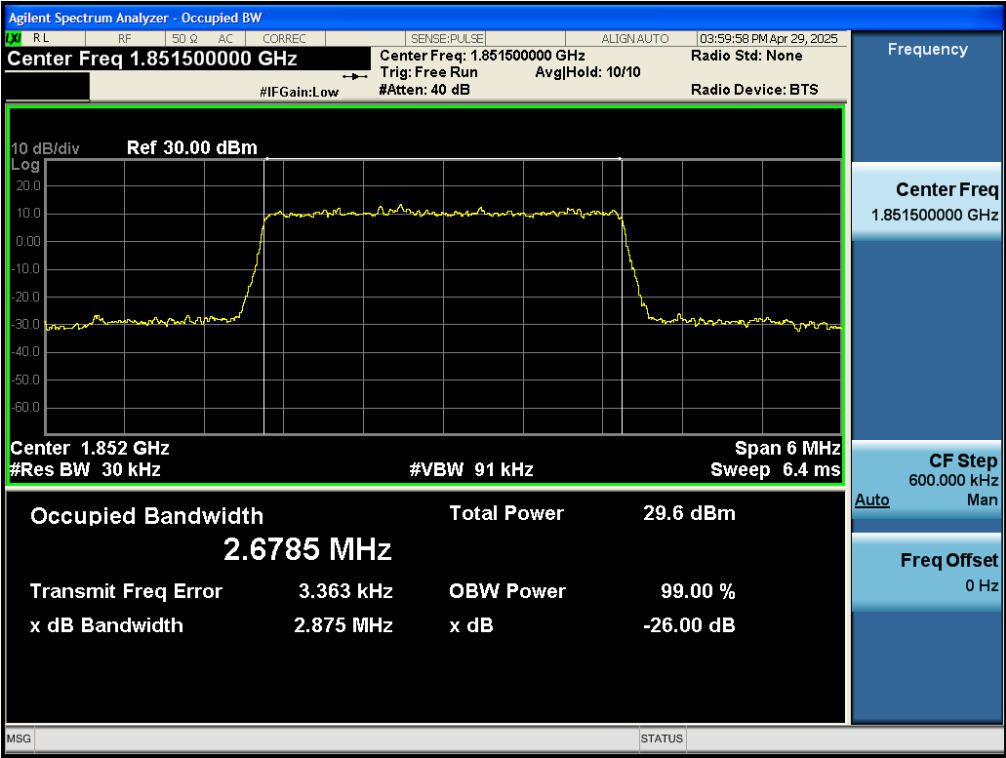
Test\_Graph\_band2\_1880MHz\_1.4M\_QPSK\_6RB#LOW\_OBW&EBW



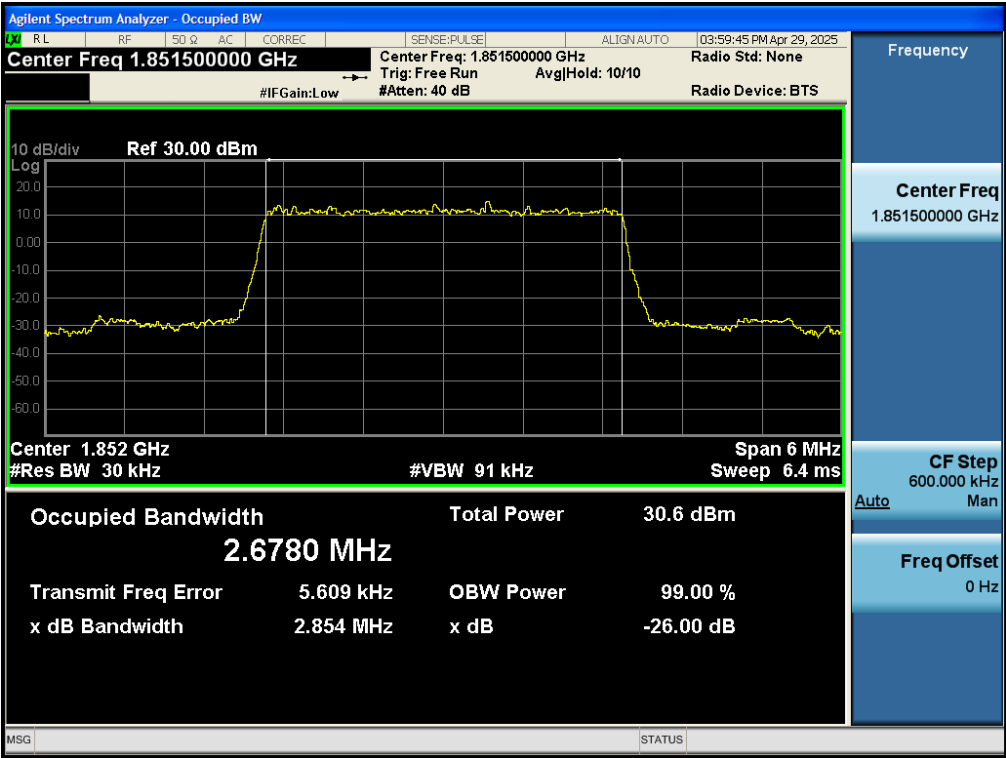
Test\_Graph\_band2\_1909.3MHz\_1.4M\_16QAM\_6RB#LOW\_OBW&EBW



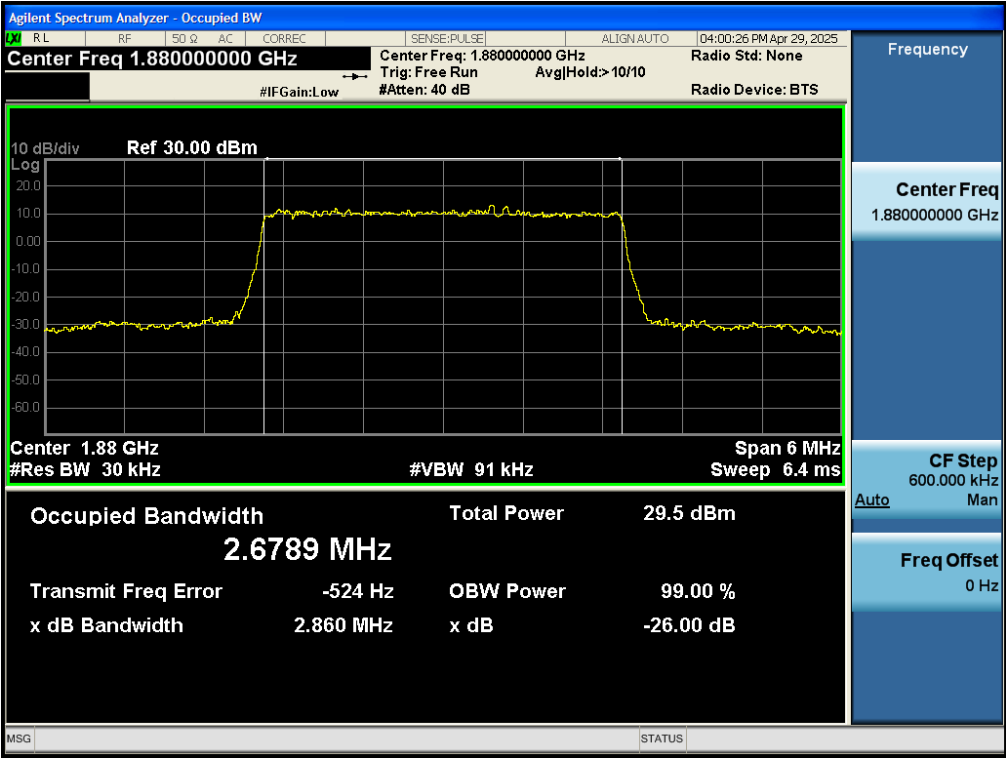
Test\_Graph\_band2\_1909.3MHz\_1.4M\_QPSK\_6RB#LOW\_OBW&EBW



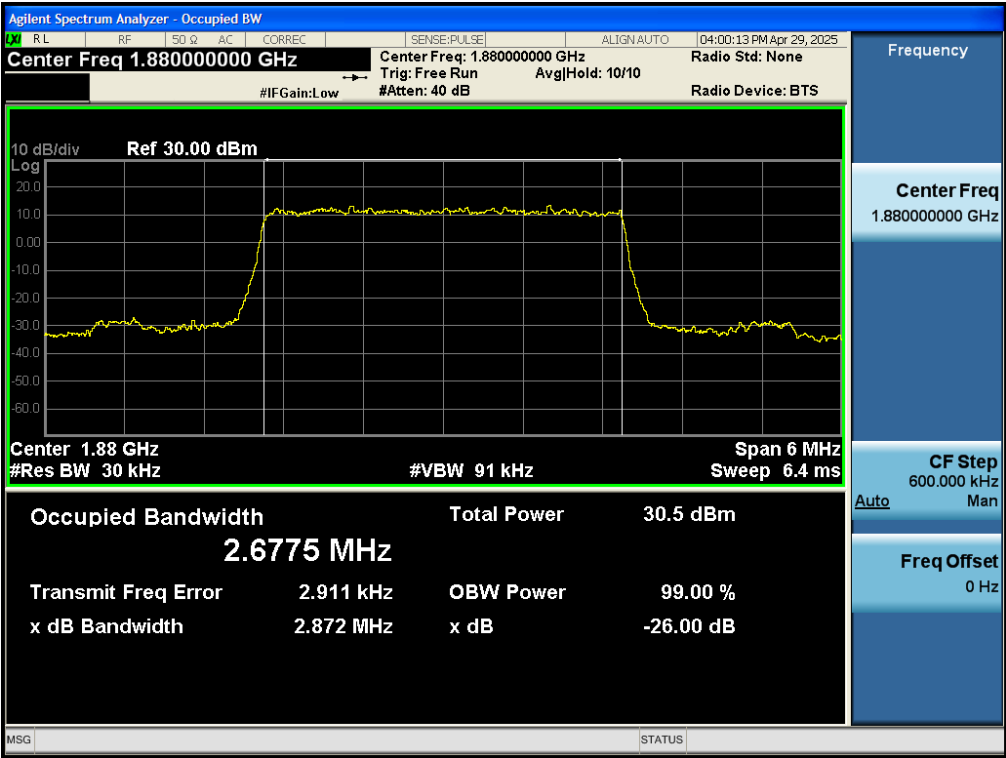
Test\_Graph\_band2\_1851.5MHz\_3M\_16QAM\_15RB#LOW\_OBW&EBW



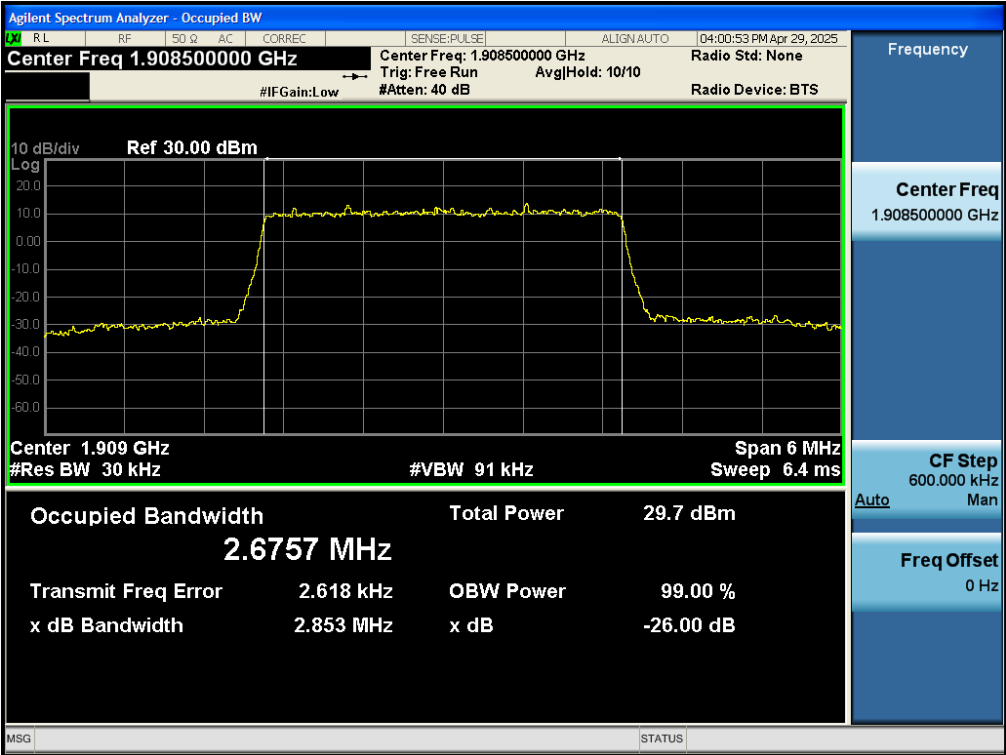
Test\_Graph\_band2\_1851.5MHz\_3M\_QPSK\_15RB#LOW\_OBW&EBW



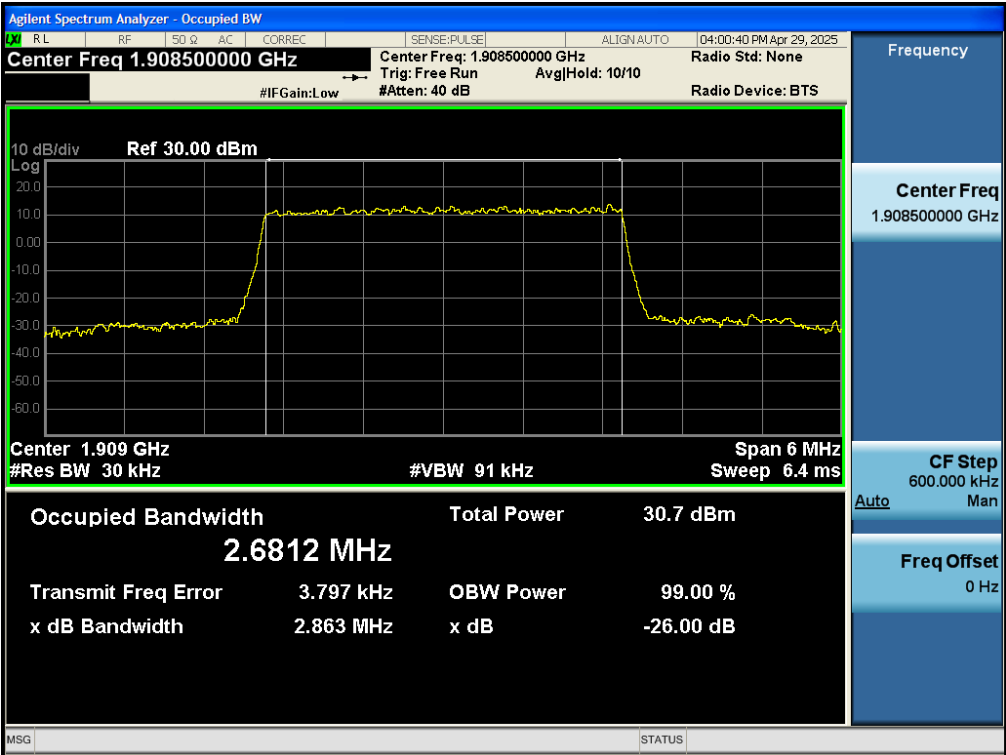
Test\_Graph\_band2\_1880MHz\_3M\_16QAM\_15RB#LOW\_OBW&EBW



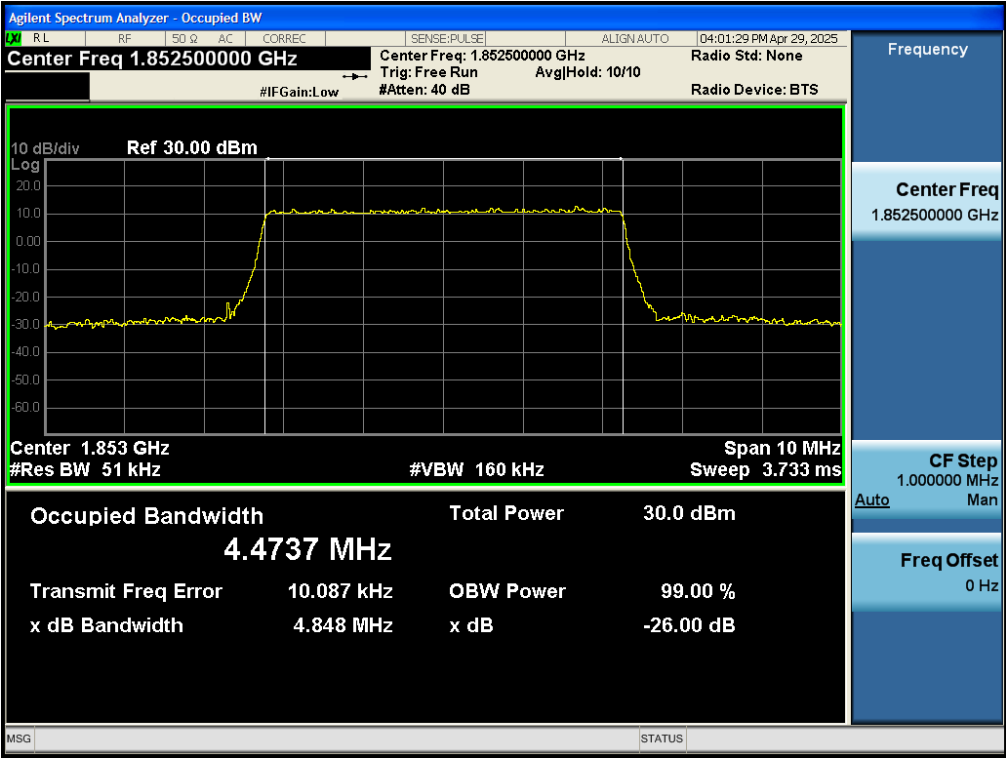
Test\_Graph\_band2\_1880MHz\_3M\_QPSK\_15RB#LOW\_OBW&EBW



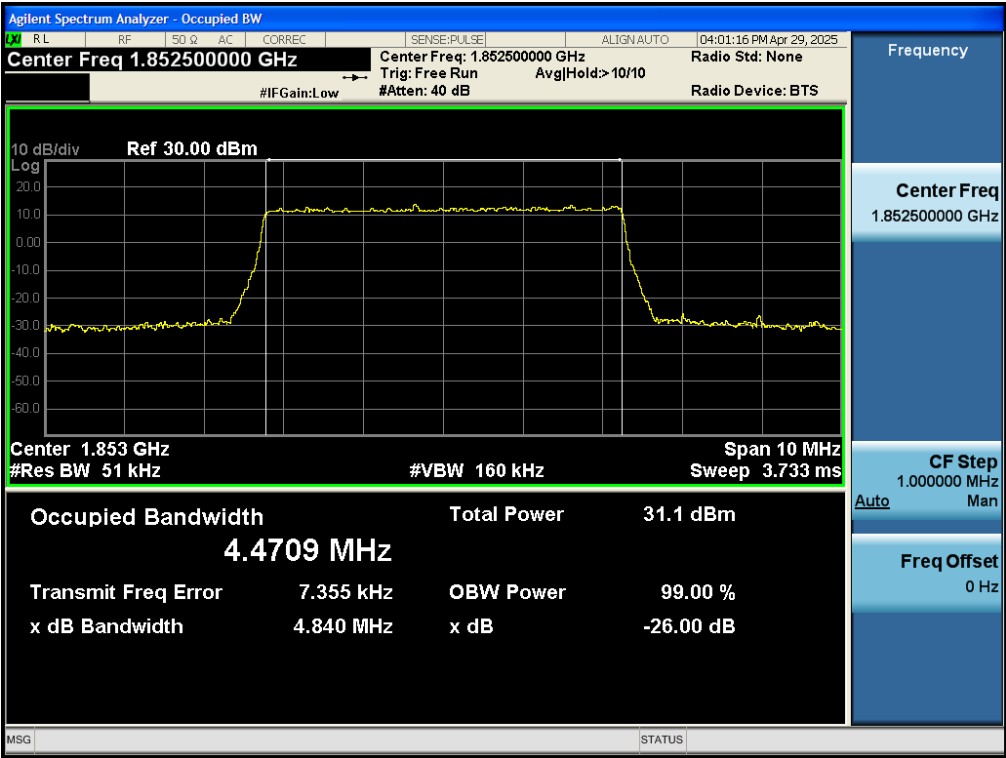
Test\_Graph\_band2\_1908.5MHz\_3M\_16QAM\_15RB#LOW\_OBW&EBW



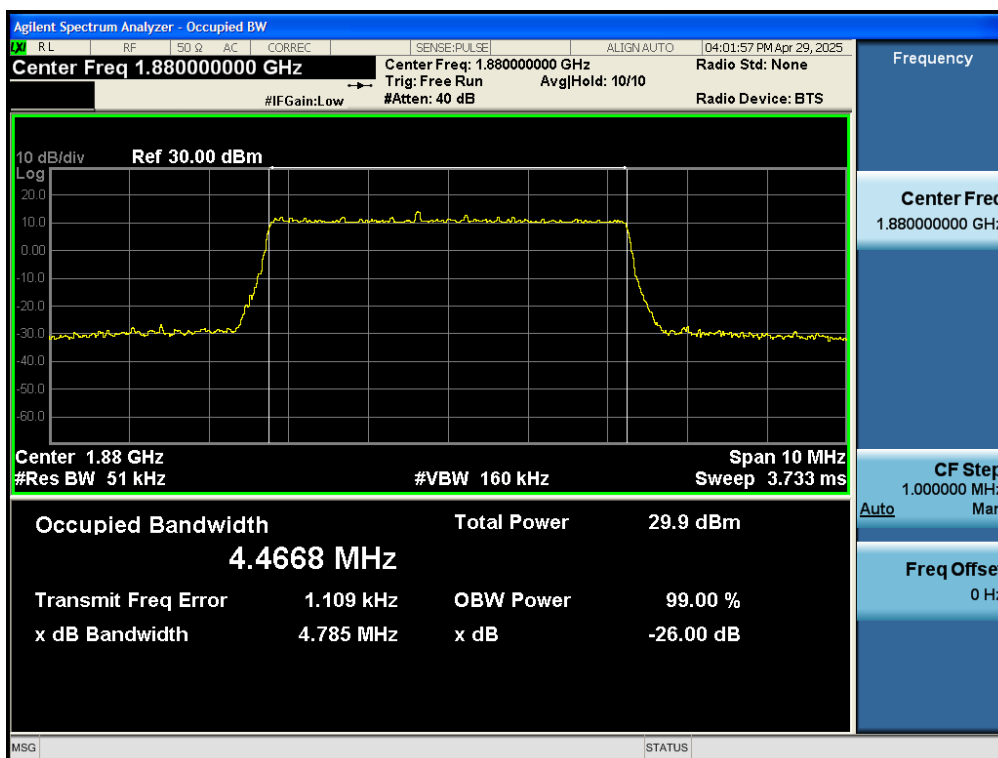
Test\_Graph\_band2\_1908.5MHz\_3M\_QPSK\_15RB#LOW\_OBW&EBW



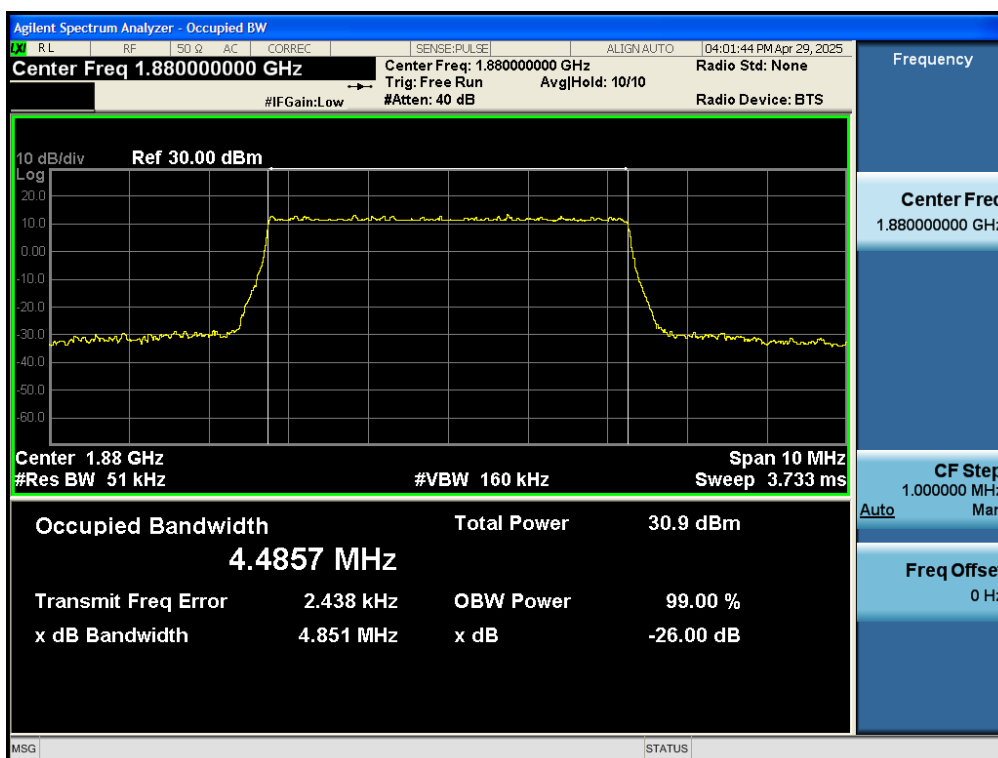
Test\_Graph\_band2\_1852.5MHz\_5M\_16QAM\_25RB#LOW\_OBW&EBW



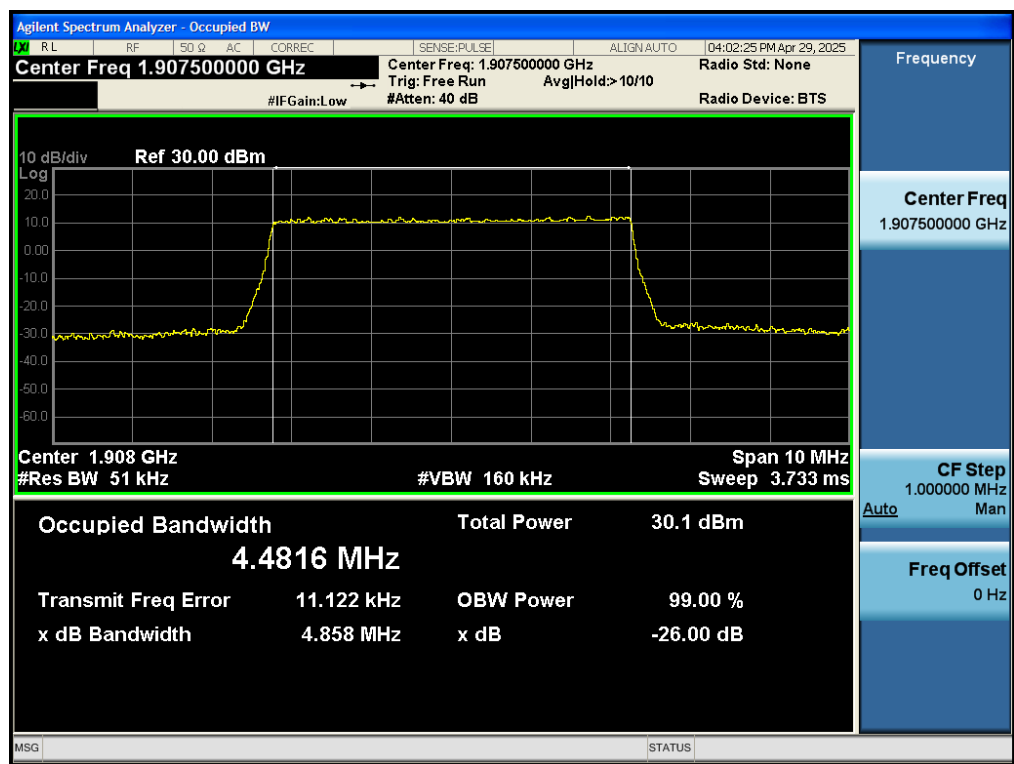
Test\_Graph\_band2\_1852.5MHz\_5M\_QPSK\_25RB#LOW\_OBW&EBW



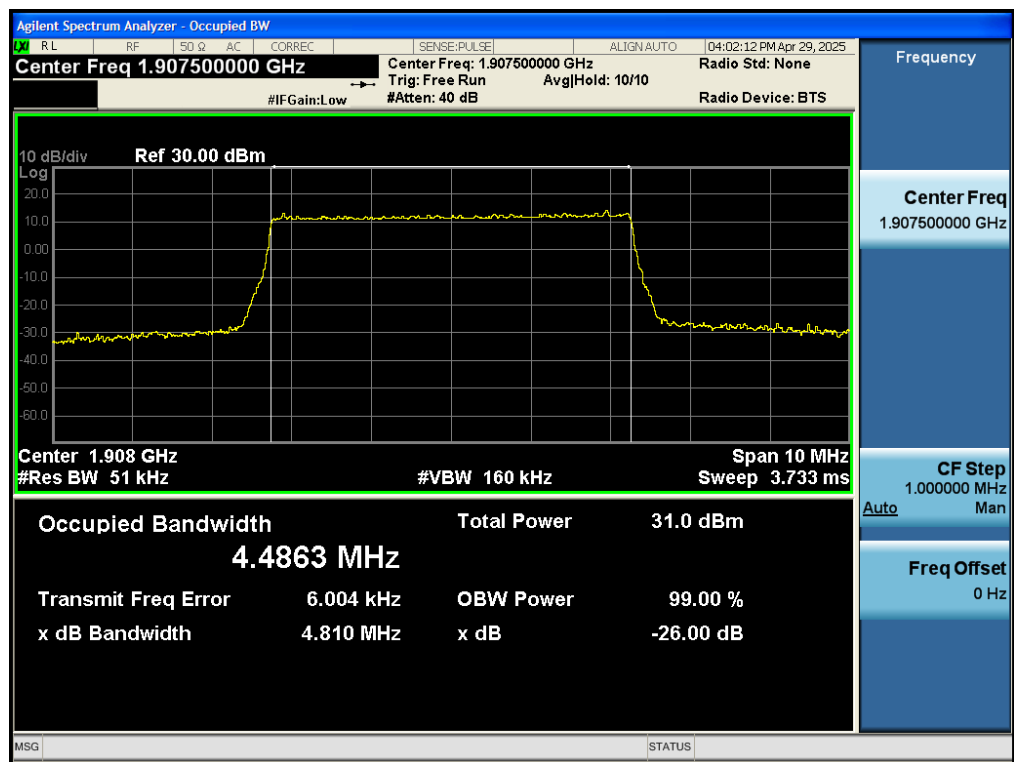
Test Graph band2 1880MHz 5M 16QAM 25RB#LOW OBW&EBW



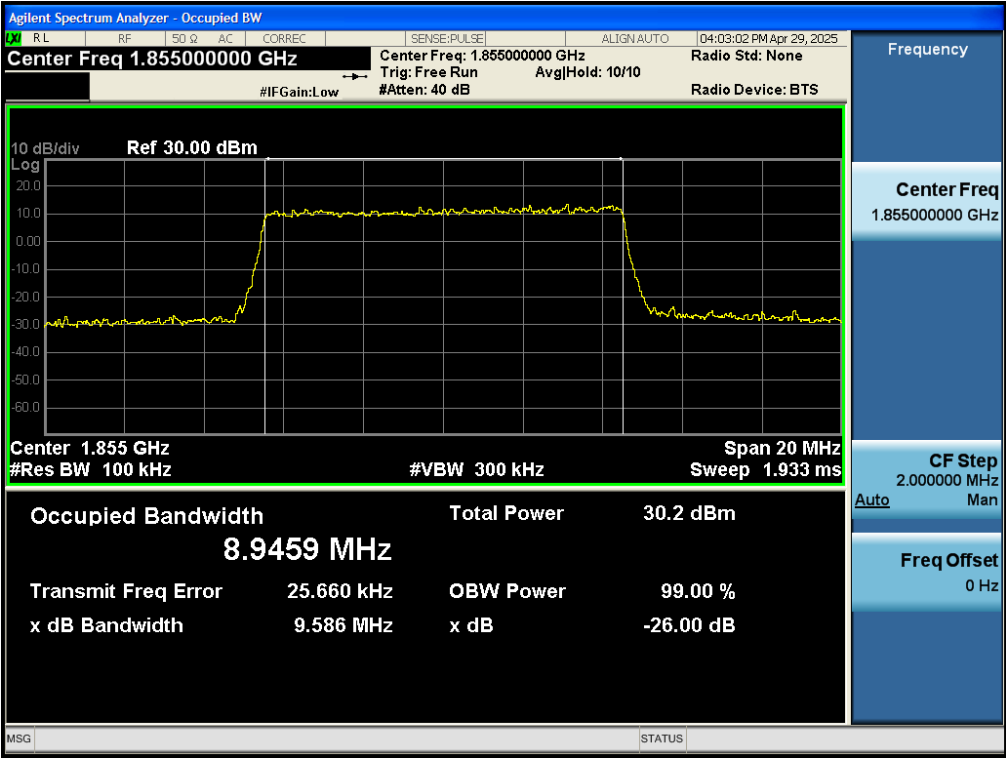
Test Graph band2 1880MHz 5M QPSK 25RB#LOW OBW&EBW



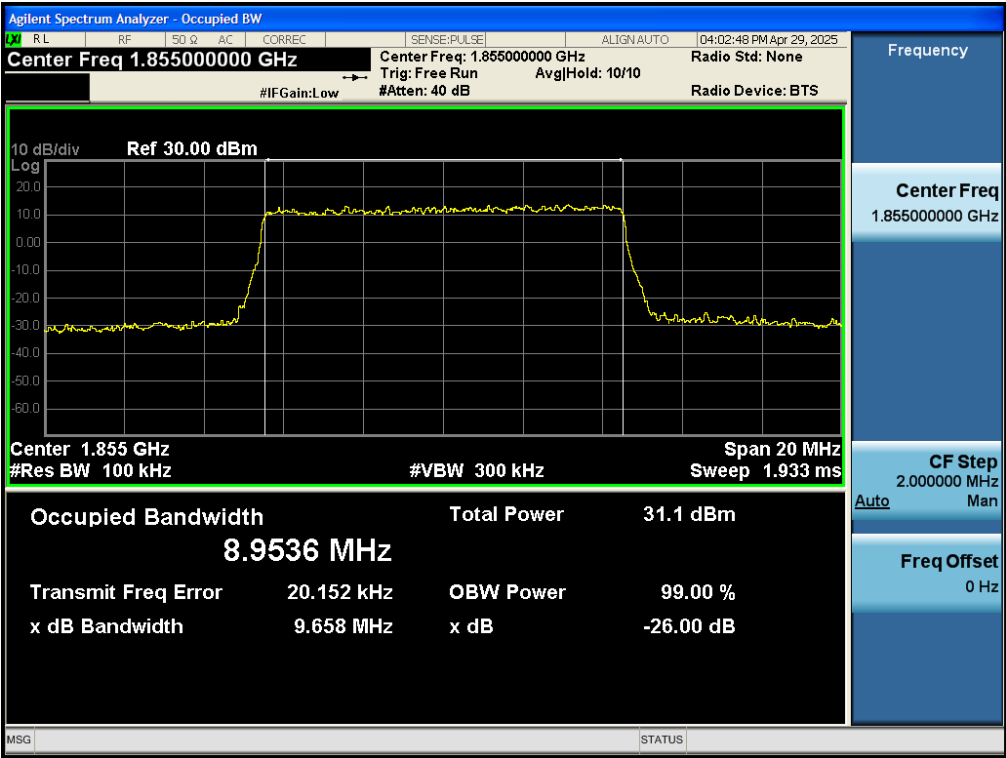
Test\_Graph\_band2\_1907.5MHz\_5M\_16QAM\_25RB#LOW\_OBW&EBW



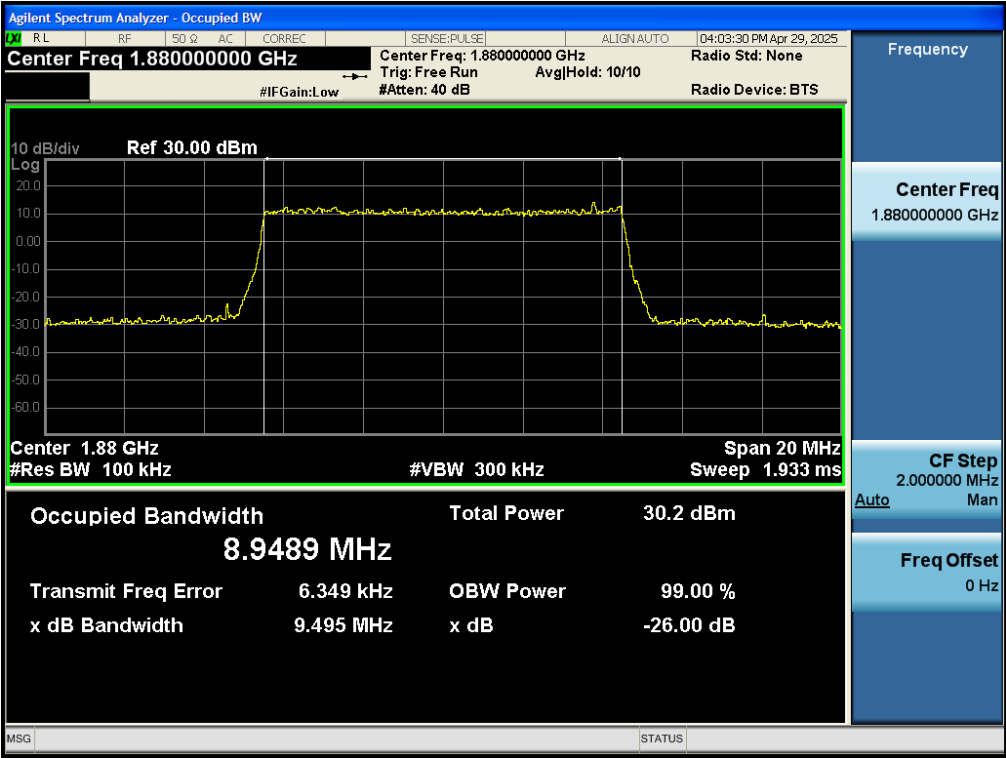
Test\_Graph\_band2\_1907.5MHz\_5M\_QPSK\_25RB#LOW\_OBW&EBW



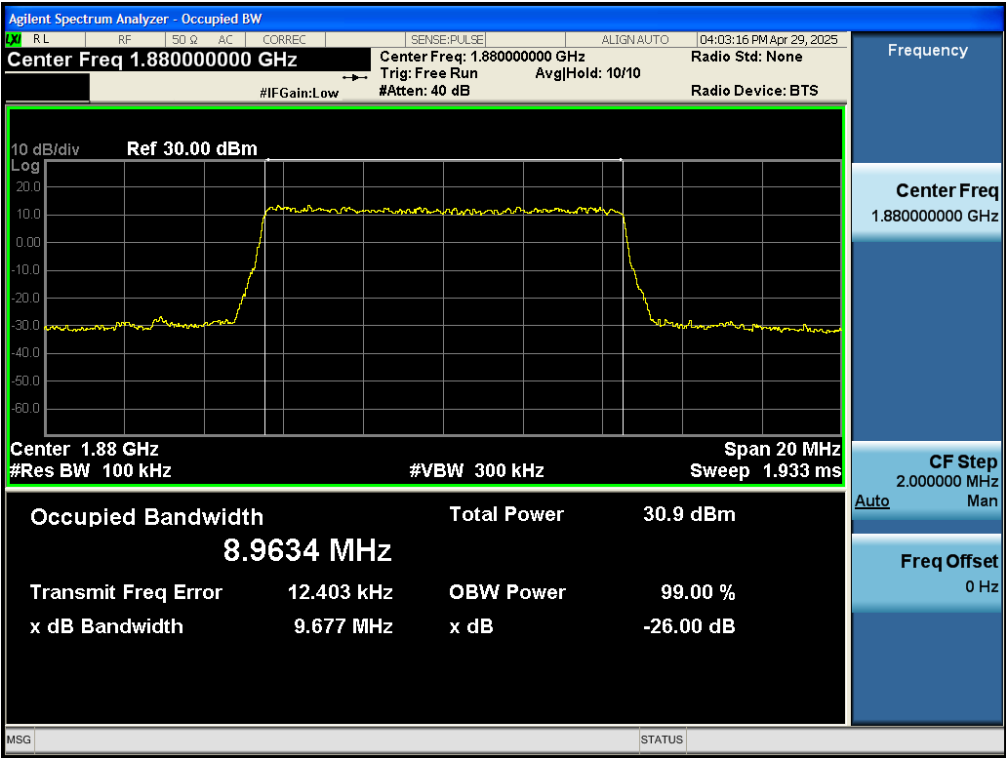
Test\_Graph\_band2\_1855MHz\_10M\_16QAM\_50RB#LOW\_OBW&EBW



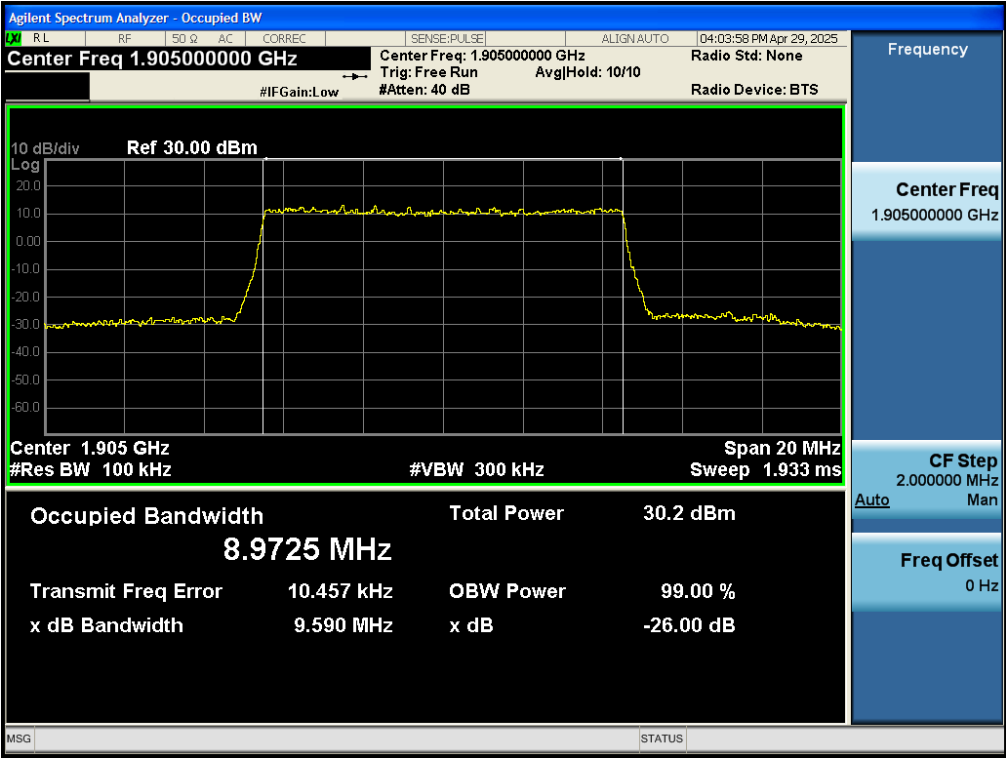
Test\_Graph\_band2\_1855MHz\_10M\_QPSK\_50RB#LOW\_OBW&EBW



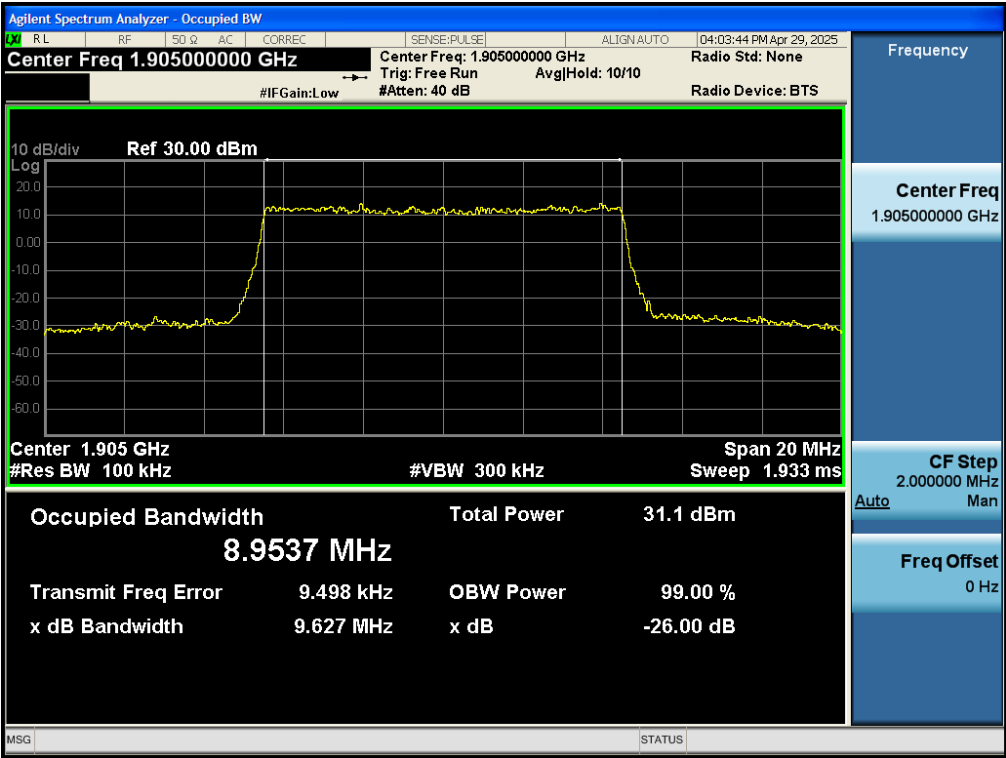
Test\_Graph\_band2\_1880MHz\_10M\_16QAM\_50RB#LOW\_OBW&EBW



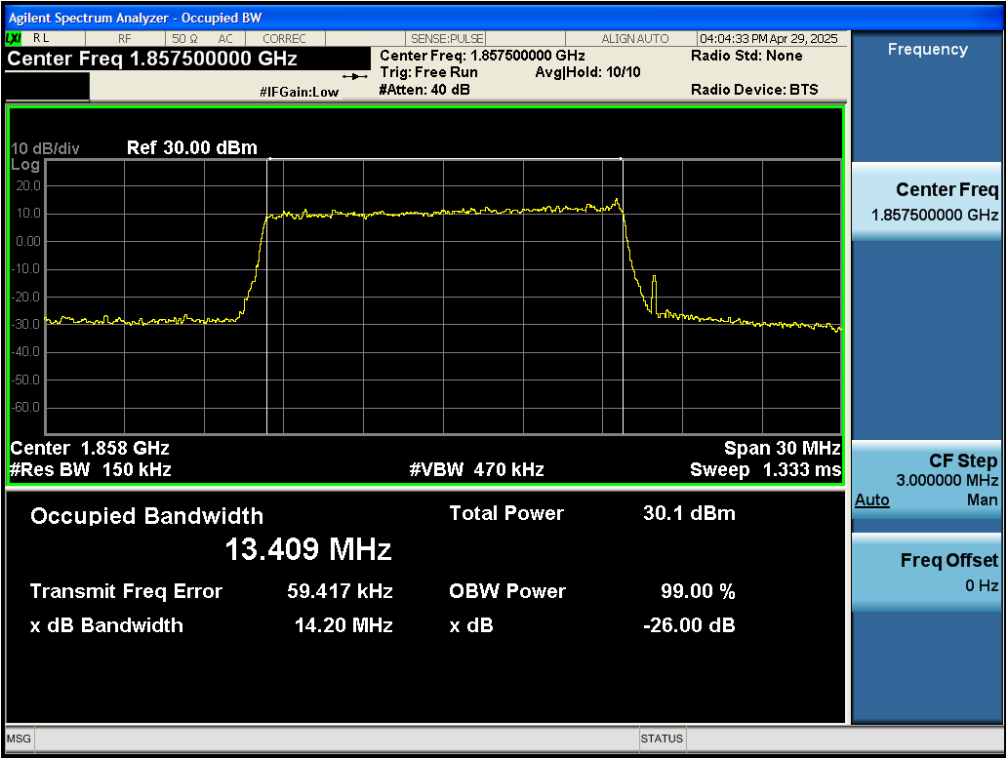
Test\_Graph\_band2\_1880MHz\_10M\_QPSK\_50RB#LOW\_OBW&EBW



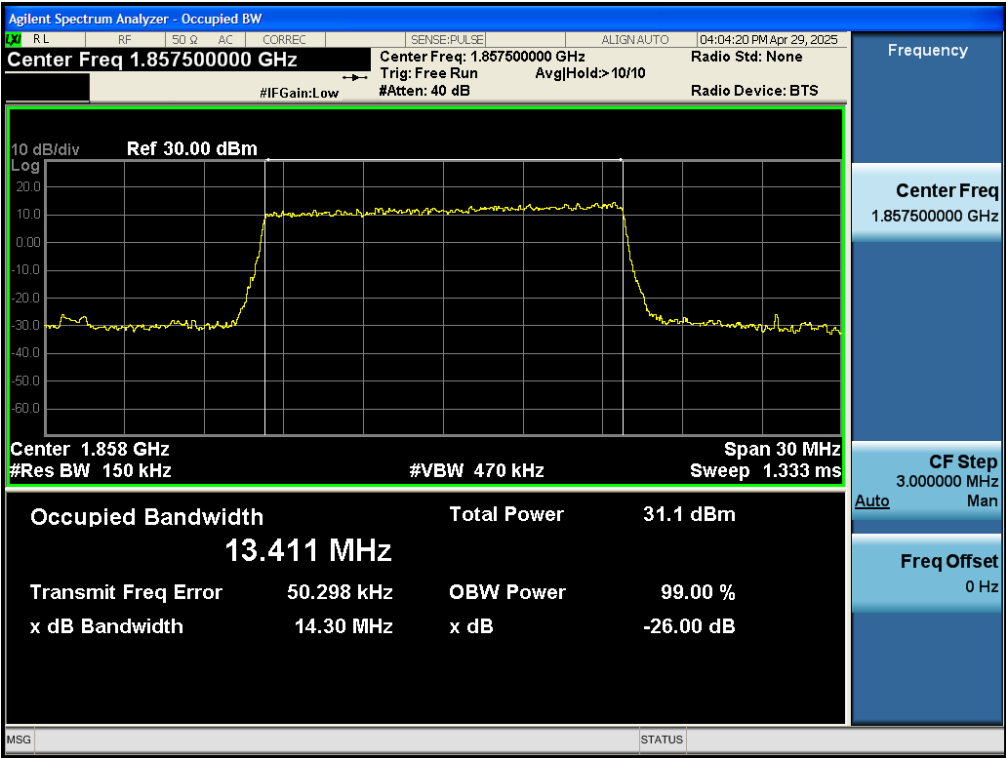
Test\_Graph\_band2\_1905MHz\_10M\_16QAM\_50RB#LOW\_OBW&EBW



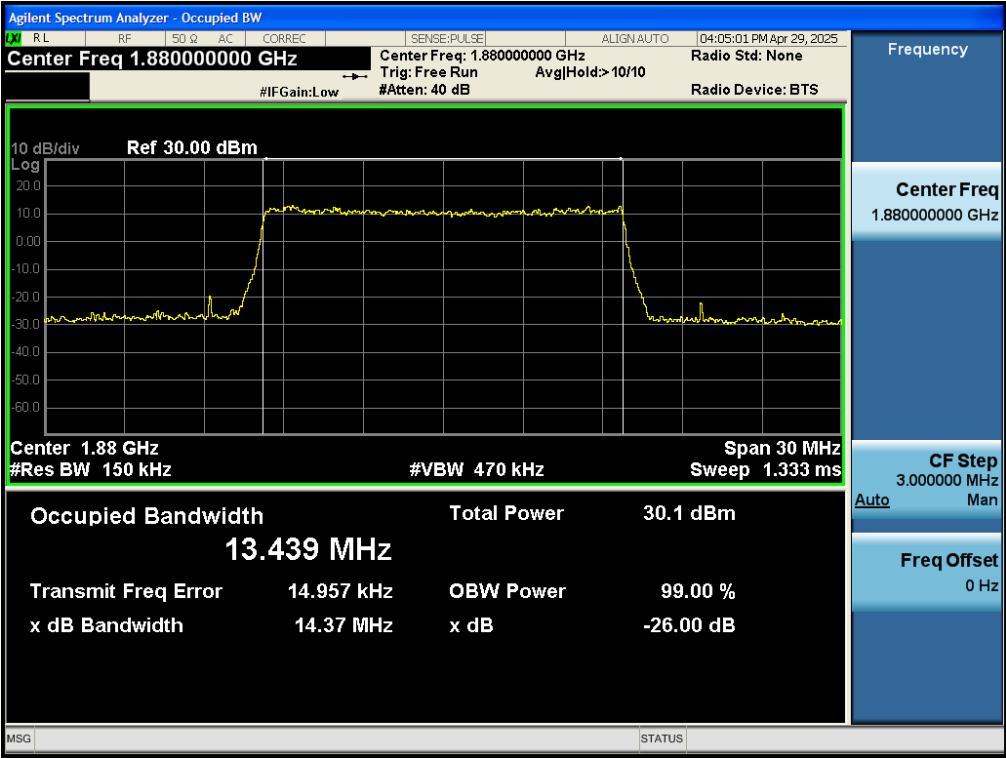
Test\_Graph\_band2\_1905MHz\_10M\_QPSK\_50RB#LOW\_OBW&EBW



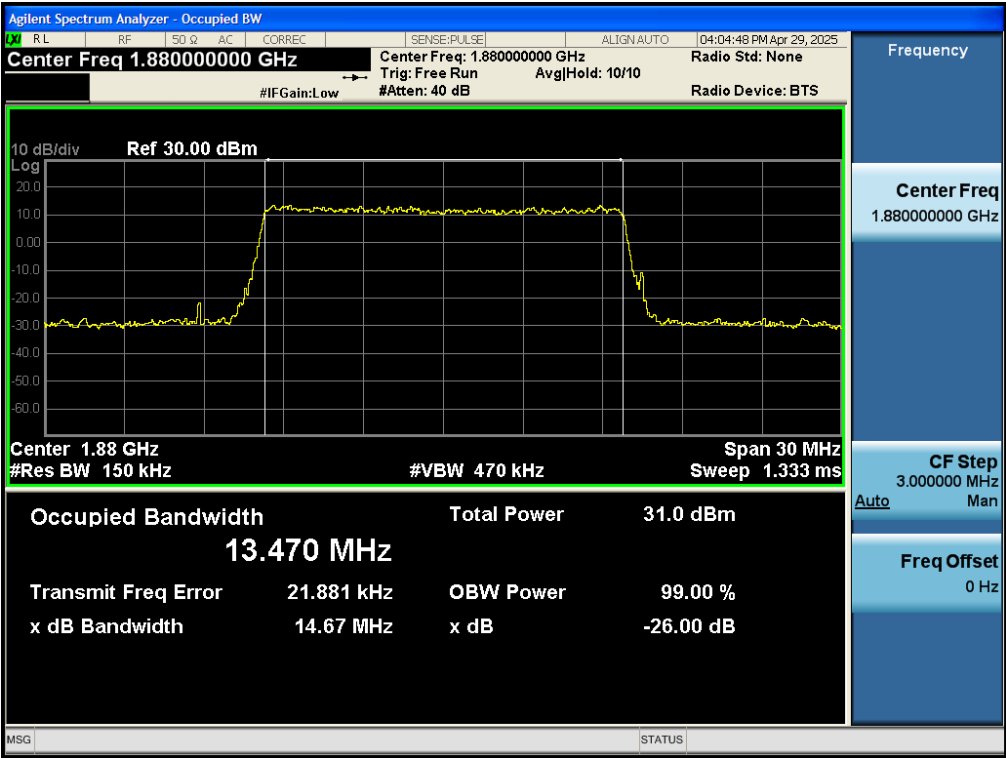
Test\_Graph\_band2\_1857.5MHz\_15M\_16QAM\_75RB#LOW\_OBW&EBW



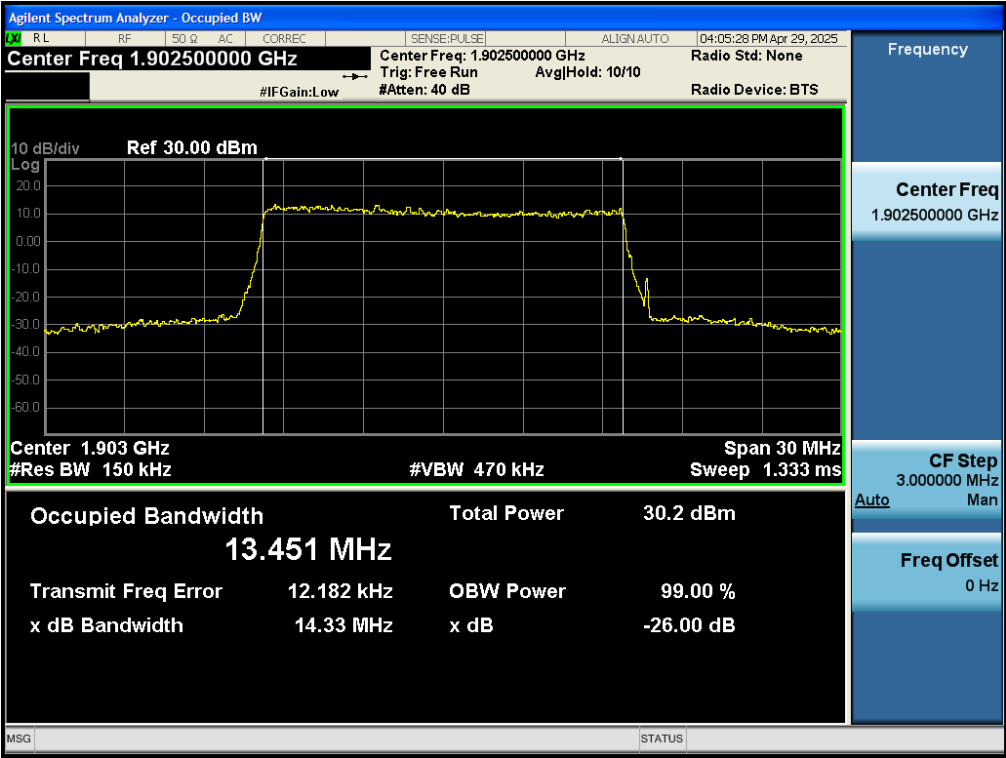
Test\_Graph\_band2\_1857.5MHz\_15M\_QPSK\_75RB#LOW\_OBW&EBW



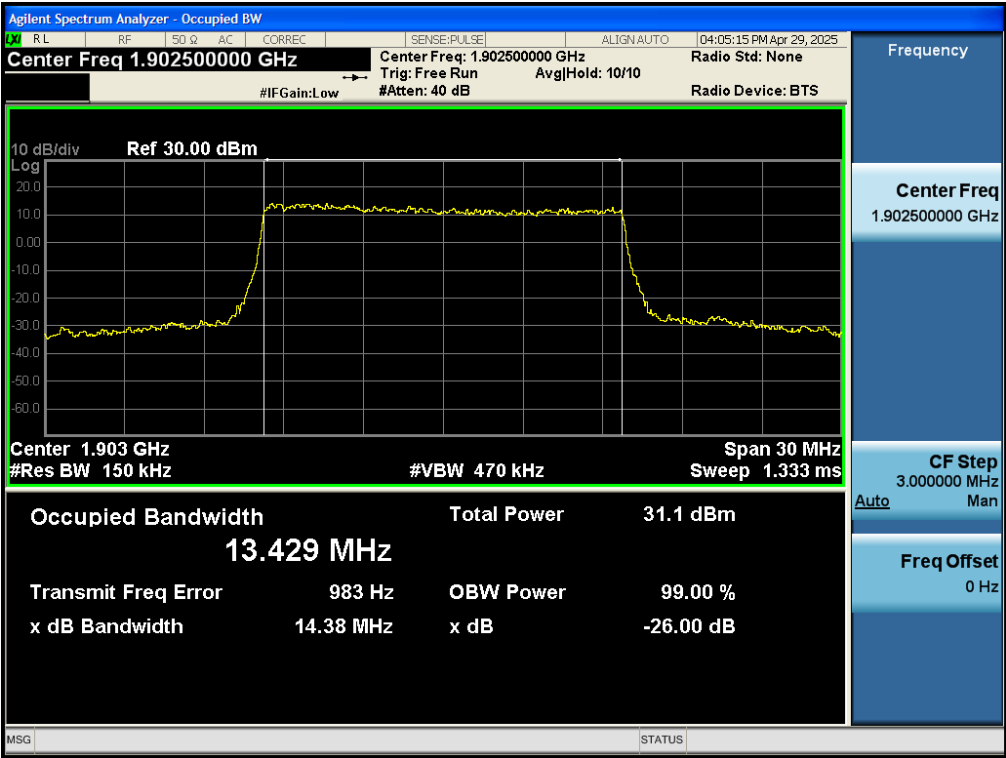
Test\_Graph\_band2\_1880MHz\_15M\_16QAM\_75RB#LOW\_OBW&EBW



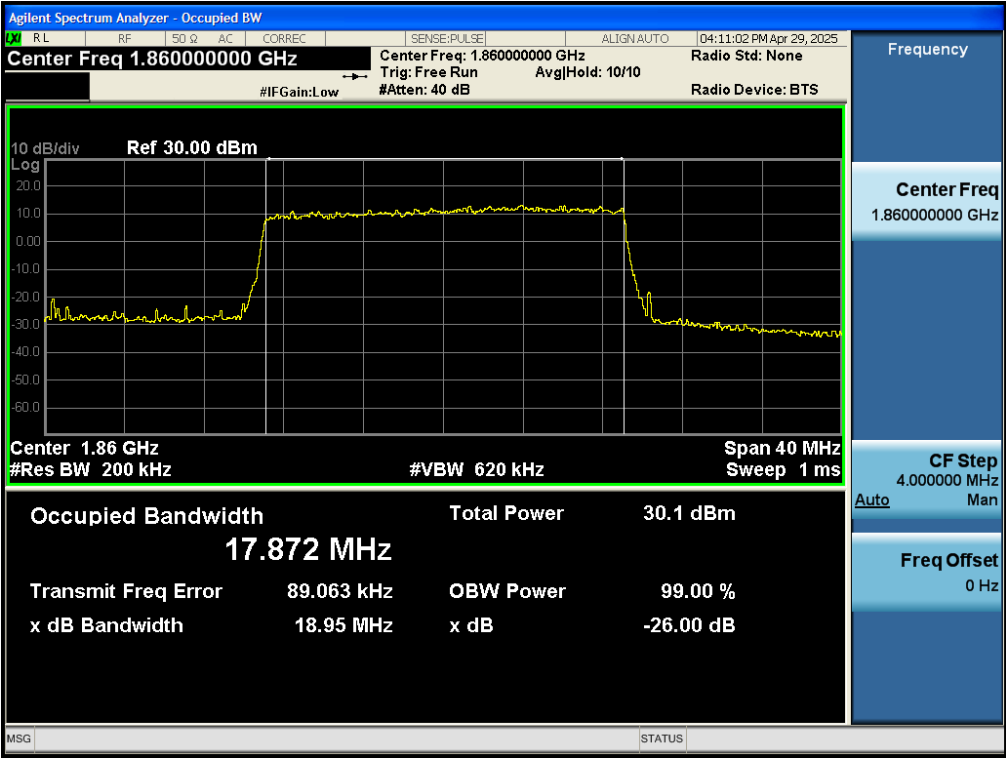
Test\_Graph\_band2\_1880MHz\_15M\_QPSK\_75RB#LOW\_OBW&EBW



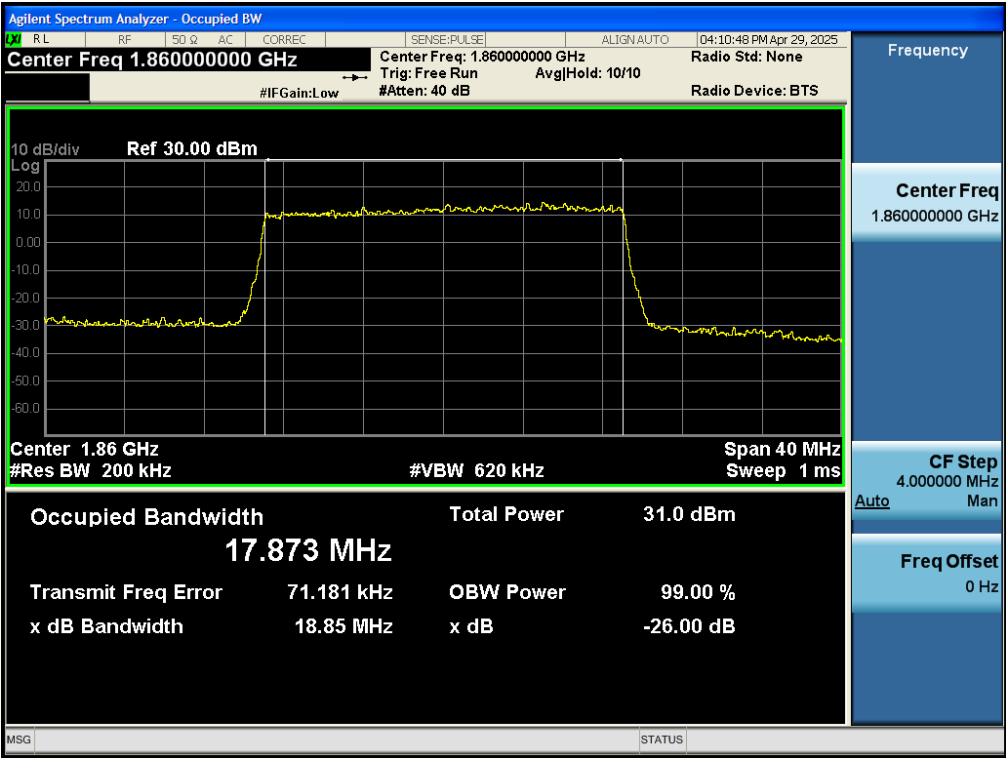
Test\_Graph\_band2\_1902.5MHz\_15M\_16QAM\_75RB#LOW\_OBW&EBW



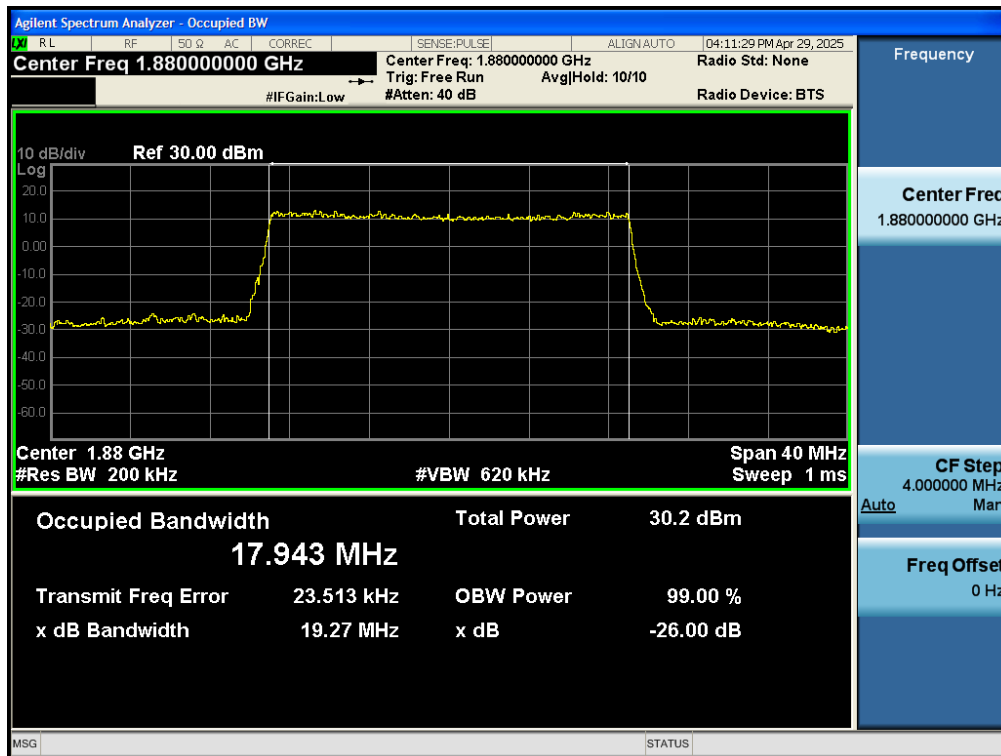
Test\_Graph\_band2\_1902.5MHz\_15M\_QPSK\_75RB#LOW\_OBW&EBW



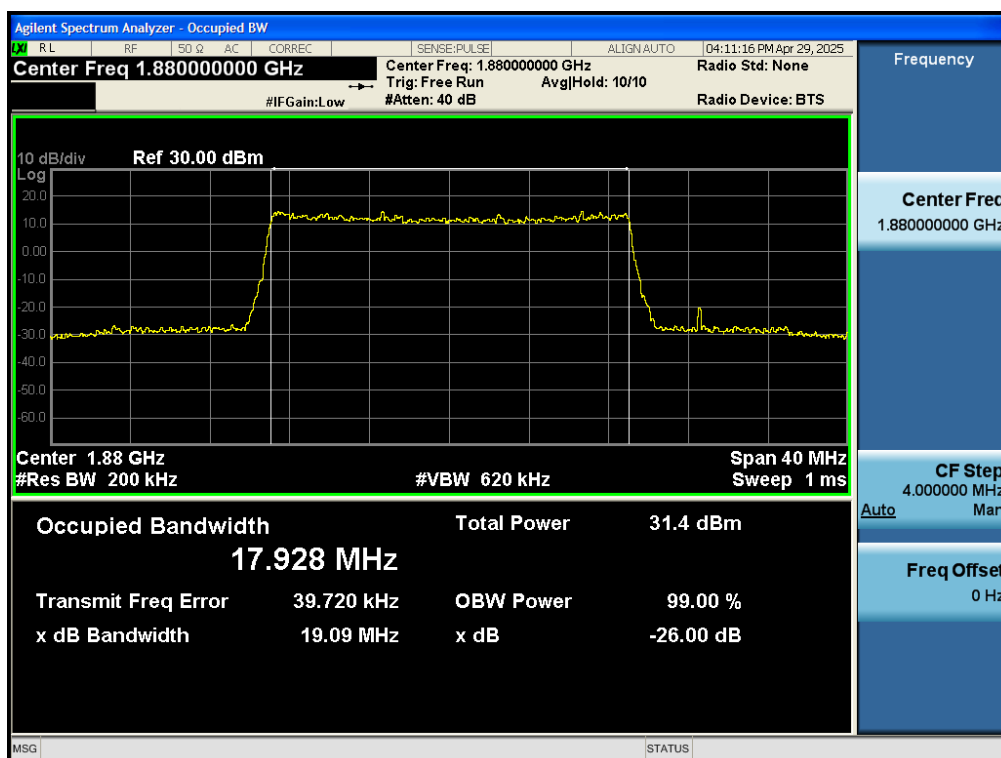
Test\_Graph\_band2\_1860MHz\_20M\_16QAM\_100RB#LOW\_OBW&EBW



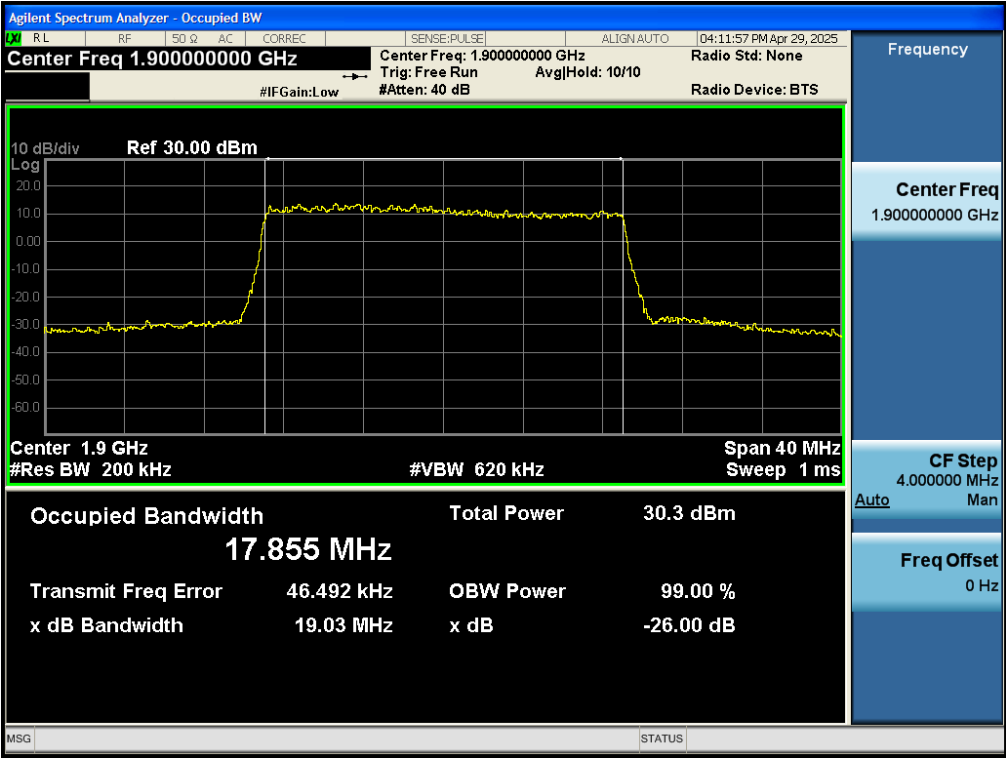
Test\_Graph\_band2\_1860MHz\_20M\_QPSK\_100RB#LOW\_OBW&EBW



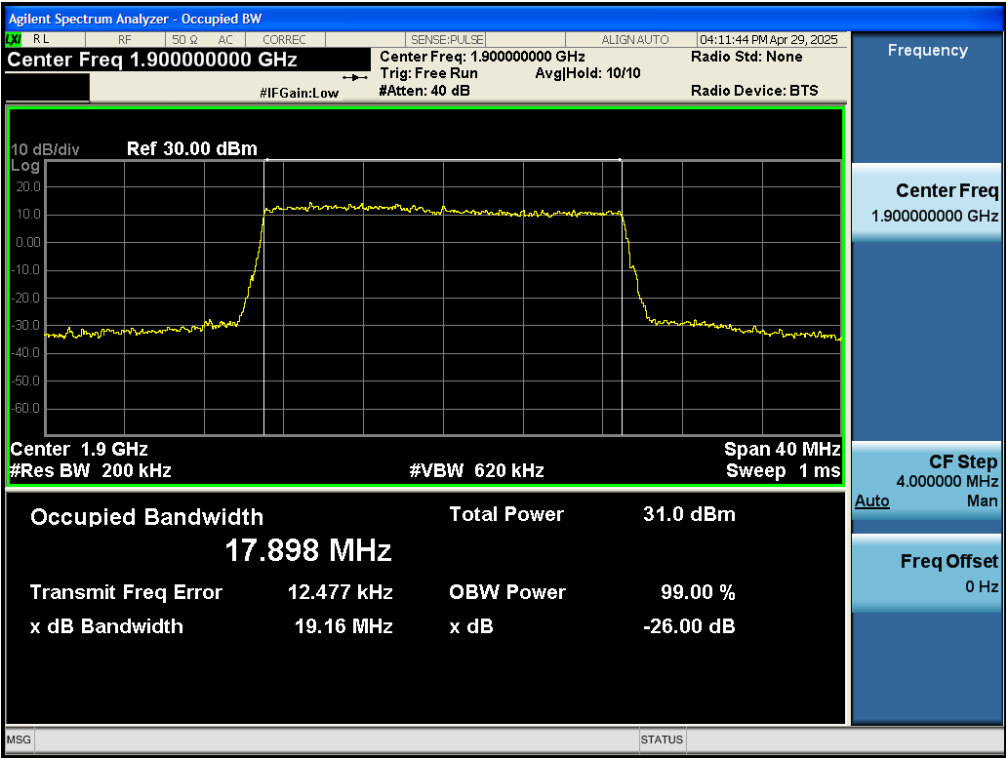
Test\_Graph\_band2\_1880MHz\_20M\_16QAM\_100RB#LOW\_OBW&amp;EBW



Test Graph band2 1880MHz 20M QPSK 100RB#LOW OBW&EBW



Test\_Graph\_band2\_1900MHz\_20M\_16QAM\_100RB#LOW\_OBW&EBW



Test\_Graph\_band2\_1900MHz\_20M\_QPSK\_100RB#LOW\_OBW&EBW

## Appendix C: Band edge emissions

### Test Result

| Band | Bandwidth (MHz) | UL Frequency (MHz) | Modulation | RB Size | RB Offset | Conclusion |
|------|-----------------|--------------------|------------|---------|-----------|------------|
| 2    | 1.4             | 1850.7             | QPSK       | 1       | LOW       | Pass       |
| 2    | 1.4             | 1850.7             | QPSK       | 6       | LOW       | Pass       |
| 2    | 1.4             | 1850.7             | 16QAM      | 1       | LOW       | Pass       |
| 2    | 1.4             | 1850.7             | 16QAM      | 6       | LOW       | Pass       |
| 2    | 1.4             | 1909.3             | QPSK       | 1       | HIGH      | Pass       |
| 2    | 1.4             | 1909.3             | QPSK       | 6       | LOW       | Pass       |
| 2    | 1.4             | 1909.3             | 16QAM      | 1       | HIGH      | Pass       |
| 2    | 1.4             | 1909.3             | 16QAM      | 6       | LOW       | Pass       |
| 2    | 3               | 1851.5             | QPSK       | 1       | LOW       | Pass       |
| 2    | 3               | 1851.5             | QPSK       | 15      | LOW       | Pass       |
| 2    | 3               | 1851.5             | 16QAM      | 1       | LOW       | Pass       |
| 2    | 3               | 1851.5             | 16QAM      | 15      | LOW       | Pass       |
| 2    | 3               | 1908.5             | QPSK       | 1       | HIGH      | Pass       |
| 2    | 3               | 1908.5             | QPSK       | 15      | LOW       | Pass       |
| 2    | 3               | 1908.5             | 16QAM      | 1       | HIGH      | Pass       |
| 2    | 3               | 1908.5             | 16QAM      | 15      | LOW       | Pass       |
| 2    | 5               | 1852.5             | QPSK       | 1       | LOW       | Pass       |
| 2    | 5               | 1852.5             | QPSK       | 25      | LOW       | Pass       |
| 2    | 5               | 1852.5             | 16QAM      | 1       | LOW       | Pass       |
| 2    | 5               | 1852.5             | 16QAM      | 25      | LOW       | Pass       |
| 2    | 5               | 1907.5             | QPSK       | 1       | HIGH      | Pass       |
| 2    | 5               | 1907.5             | QPSK       | 25      | LOW       | Pass       |
| 2    | 5               | 1907.5             | 16QAM      | 1       | HIGH      | Pass       |
| 2    | 5               | 1907.5             | 16QAM      | 25      | LOW       | Pass       |
| 2    | 10              | 1855               | QPSK       | 1       | LOW       | Pass       |
| 2    | 10              | 1855               | QPSK       | 50      | LOW       | Pass       |
| 2    | 10              | 1855               | 16QAM      | 1       | LOW       | Pass       |
| 2    | 10              | 1855               | 16QAM      | 50      | LOW       | Pass       |
| 2    | 10              | 1905               | QPSK       | 1       | HIGH      | Pass       |
| 2    | 10              | 1905               | QPSK       | 50      | LOW       | Pass       |
| 2    | 10              | 1905               | 16QAM      | 1       | HIGH      | Pass       |
| 2    | 10              | 1905               | 16QAM      | 50      | LOW       | Pass       |
| 2    | 15              | 1857.5             | QPSK       | 1       | LOW       | Pass       |
| 2    | 15              | 1857.5             | QPSK       | 75      | LOW       | Pass       |
| 2    | 15              | 1857.5             | 16QAM      | 1       | LOW       | Pass       |
| 2    | 15              | 1857.5             | 16QAM      | 75      | LOW       | Pass       |
| 2    | 15              | 1902.5             | QPSK       | 1       | HIGH      | Pass       |

| Band | Bandwidth<br>(MHz) | UL Frequency<br>(MHz) | Modulation | RB Size | RB Offset | Conclusion |
|------|--------------------|-----------------------|------------|---------|-----------|------------|
| 2    | 15                 | 1902.5                | QPSK       | 75      | LOW       | Pass       |
| 2    | 15                 | 1902.5                | 16QAM      | 1       | HIGH      | Pass       |
| 2    | 15                 | 1902.5                | 16QAM      | 75      | LOW       | Pass       |
| 2    | 20                 | 1860                  | QPSK       | 1       | LOW       | Pass       |
| 2    | 20                 | 1860                  | QPSK       | 100     | LOW       | Pass       |
| 2    | 20                 | 1860                  | 16QAM      | 1       | LOW       | Pass       |
| 2    | 20                 | 1860                  | 16QAM      | 100     | LOW       | Pass       |
| 2    | 20                 | 1900                  | QPSK       | 1       | HIGH      | Pass       |
| 2    | 20                 | 1900                  | QPSK       | 100     | LOW       | Pass       |
| 2    | 20                 | 1900                  | 16QAM      | 1       | HIGH      | Pass       |
| 2    | 20                 | 1900                  | 16QAM      | 100     | LOW       | Pass       |

Test Graphs



Test\_Graph\_band2\_1850.7MHz\_1.4M\_16QAM\_1RB#LOW\_Band edge



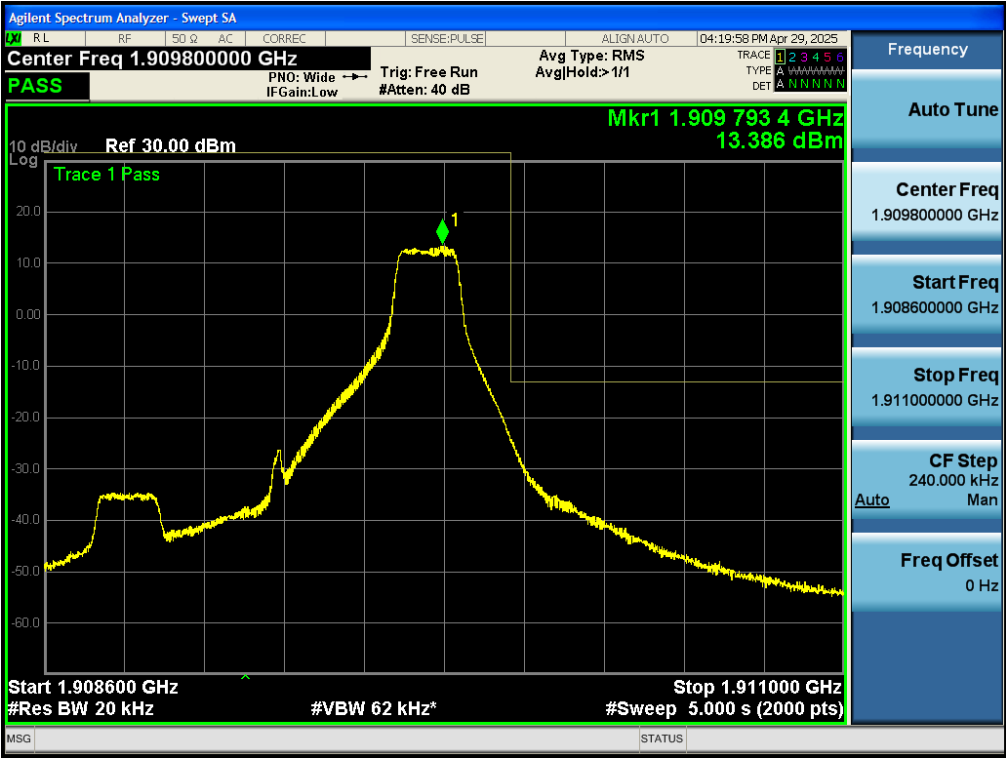
Test\_Graph\_band2\_1850.7MHz\_1.4M\_16QAM\_6RB#LOW\_Band edge



Test\_Graph\_band2\_1850.7MHz\_1.4M\_QPSK\_1RB#LOW\_Band edge



Test\_Graph\_band2\_1850.7MHz\_1.4M\_QPSK\_6RB#LOW\_Band edge



Test\_Graph\_band2\_1909.3MHz\_1.4M\_16QAM\_1RB#HIGH\_Band edge



Test\_Graph\_band2\_1909.3MHz\_1.4M\_16QAM\_6RB#LOW\_Band edge



Test\_Graph\_band2\_1909.3MHz\_1.4M\_QPSK\_1RB#HIGH\_Band edge



Test\_Graph\_band2\_1909.3MHz\_1.4M\_QPSK\_6RB#LOW\_Band edge



Test\_Graph\_band2\_1851.5MHz\_3M\_16QAM\_15RB#LOW\_Band edge



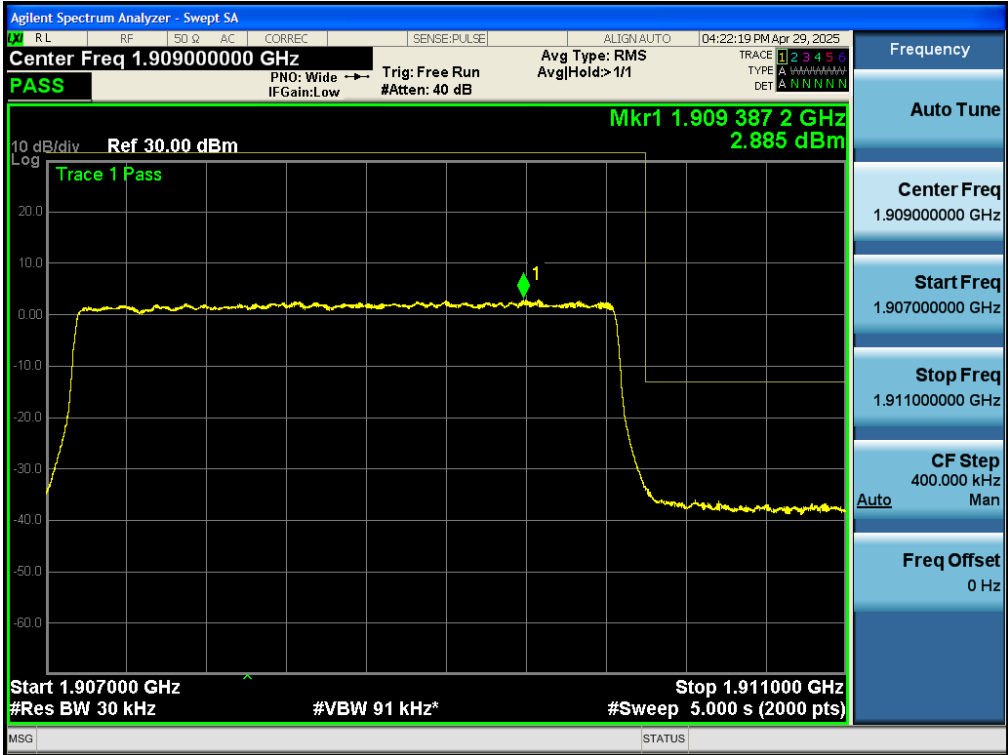
Test\_Graph\_band2\_1851.5MHz\_3M\_16QAM\_1RB#LOW\_Band edge



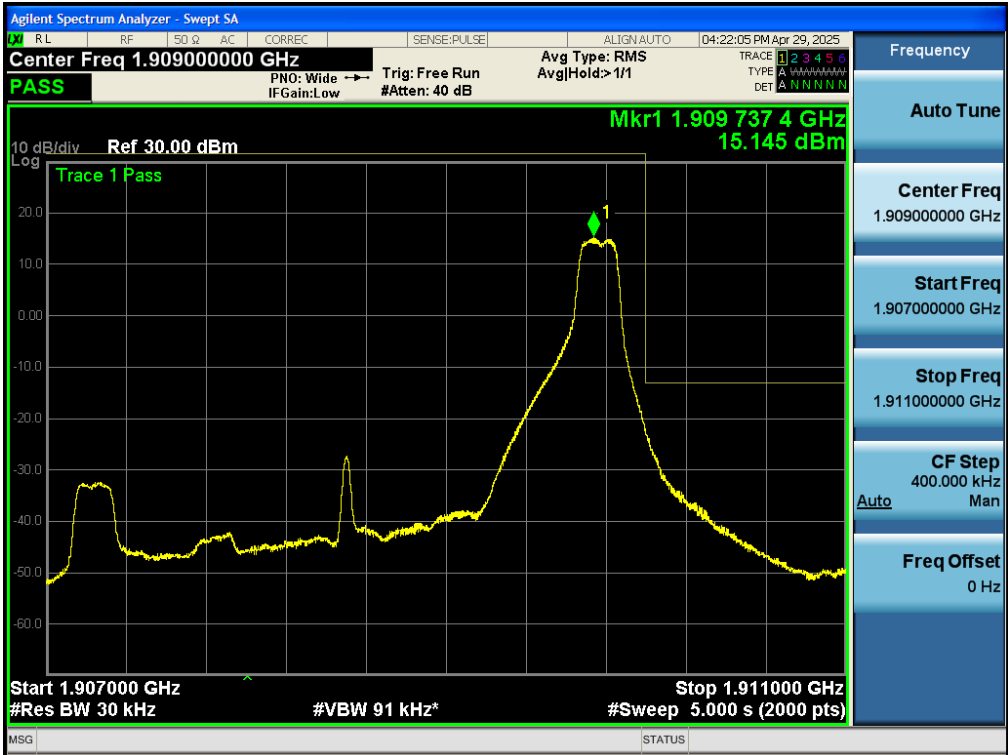
Test\_Graph\_band2\_1851.5MHz\_3M\_QPSK\_15RB#LOW\_Band edge



Test\_Graph\_band2\_1851.5MHz\_3M\_QPSK\_1RB#LOW\_Band edge



Test\_Graph\_band2\_1908.5MHz\_3M\_16QAM\_15RB#LOW\_Band edge



Test\_Graph\_band2\_1908.5MHz\_3M\_16QAM\_1RB#HIGH\_Band edge



Test\_Graph\_band2\_1908.5MHz\_3M\_QPSK\_15RB#LOW\_Band edge



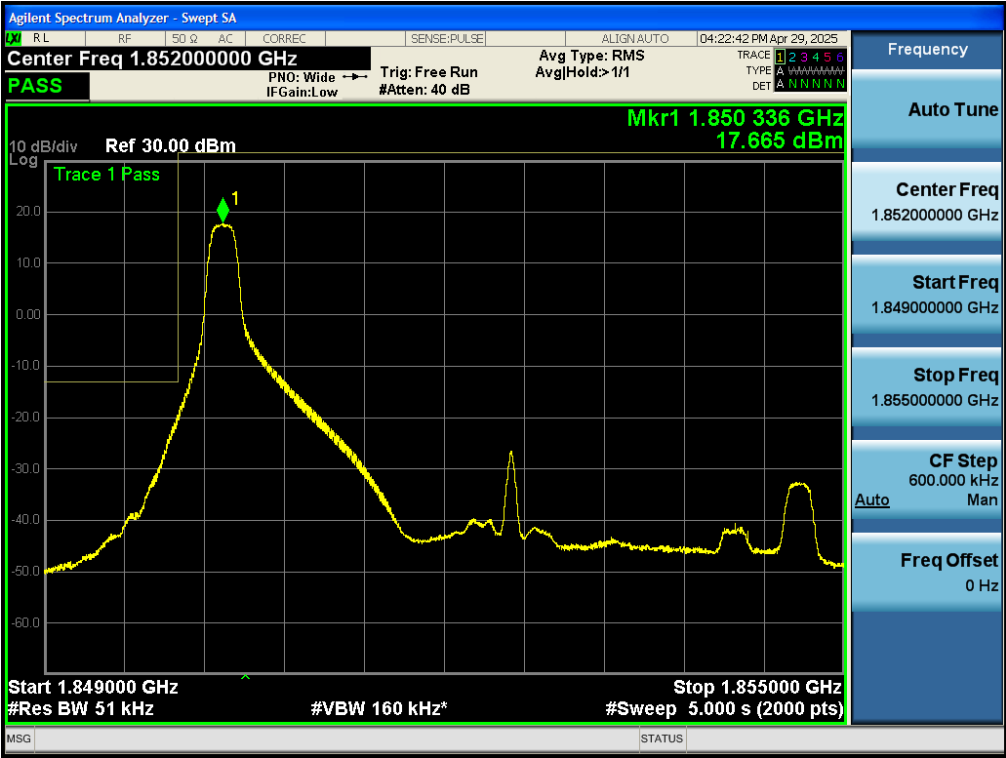
Test\_Graph\_band2\_1908.5MHz\_3M\_QPSK\_1RB#HIGH\_Band edge



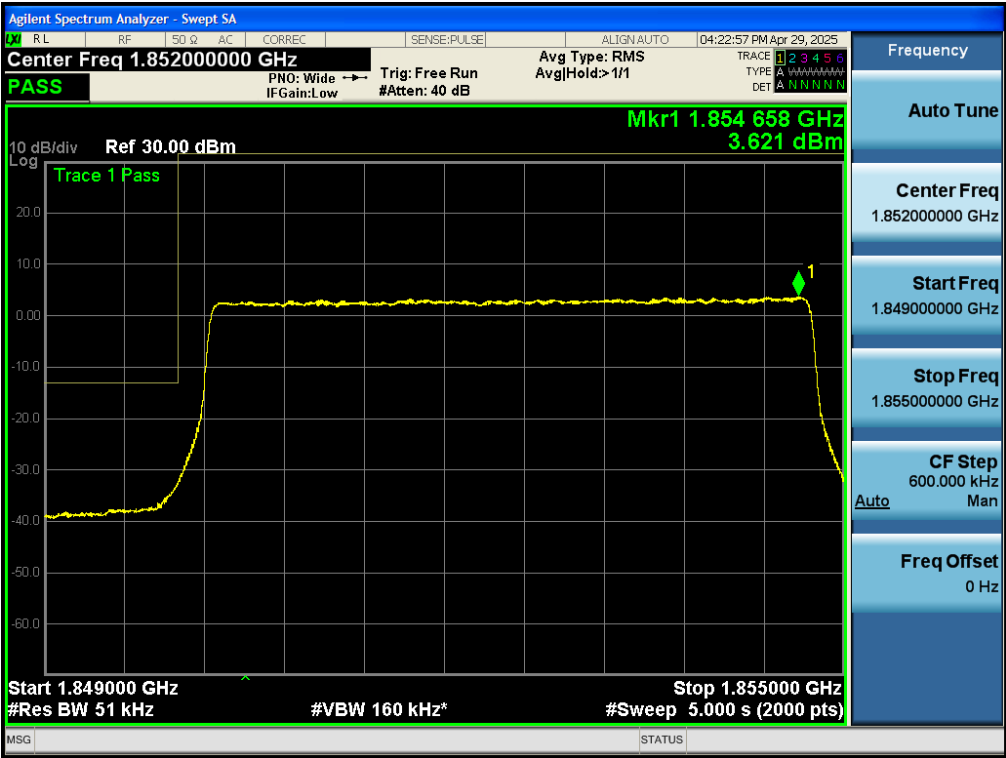
Test\_Graph\_band2\_1852.5MHz\_5M\_16QAM\_1RB#LOW\_Band edge



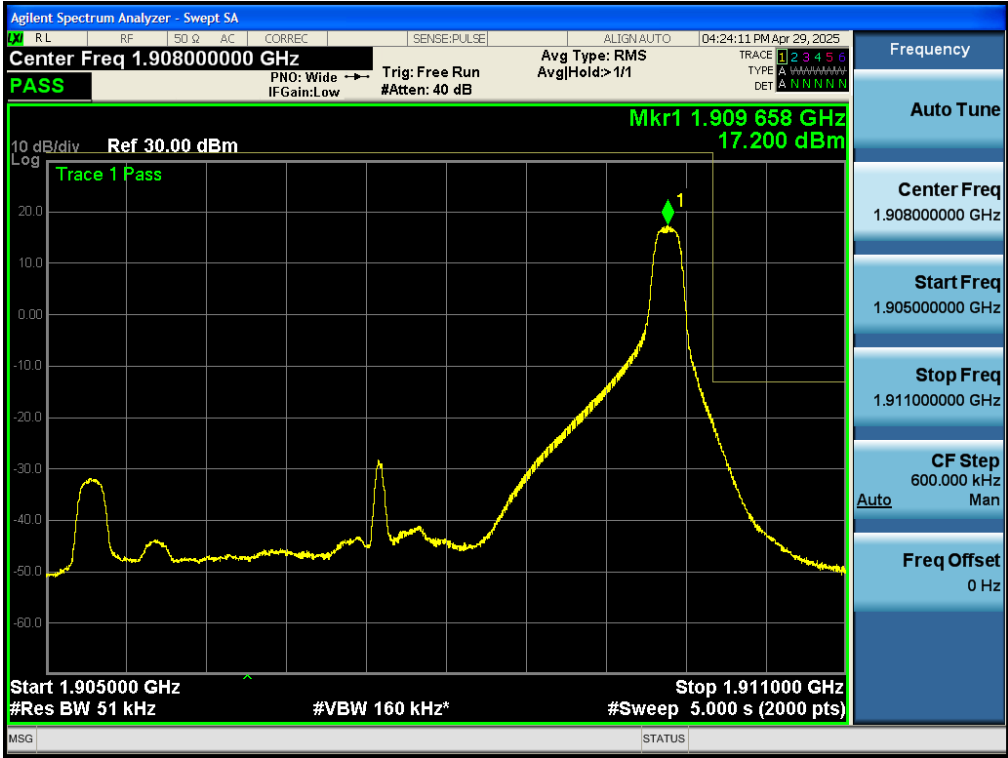
Test\_Graph\_band2\_1852.5MHz\_5M\_16QAM\_25RB#LOW\_Band edge



Test\_Graph\_band2\_1852.5MHz\_5M\_QPSK\_1RB#LOW\_Band edge



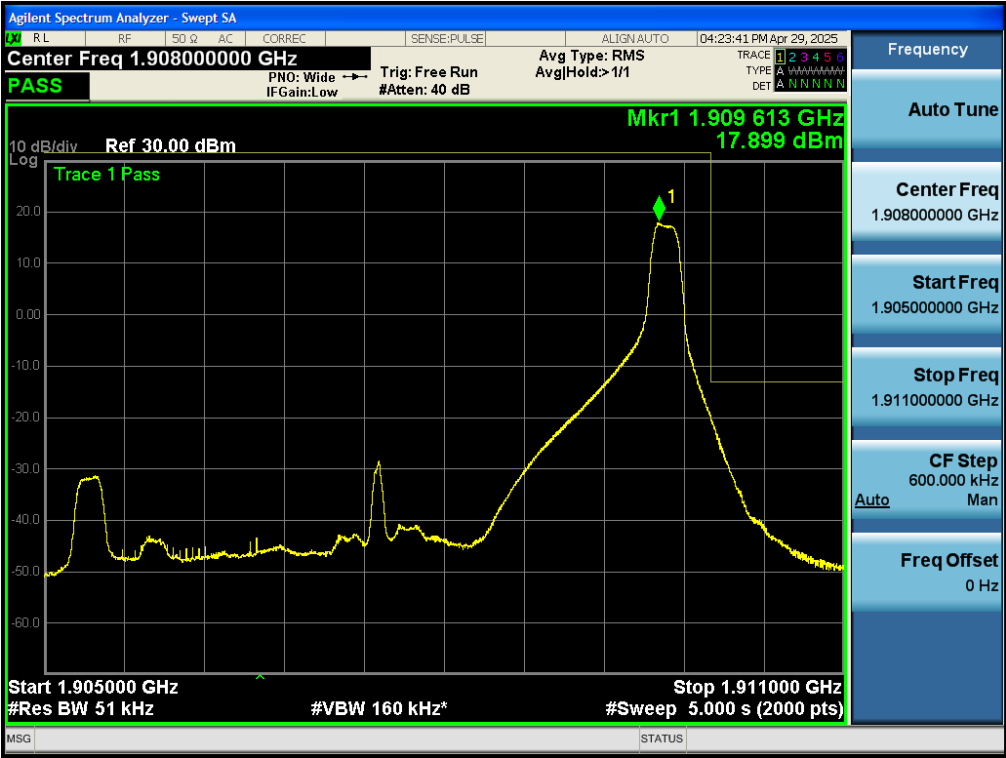
Test\_Graph\_band2\_1852.5MHz\_5M\_QPSK\_25RB#LOW\_Band edge



Test\_Graph\_band2\_1907.5MHz\_5M\_16QAM\_1RB#HIGH\_Band edge



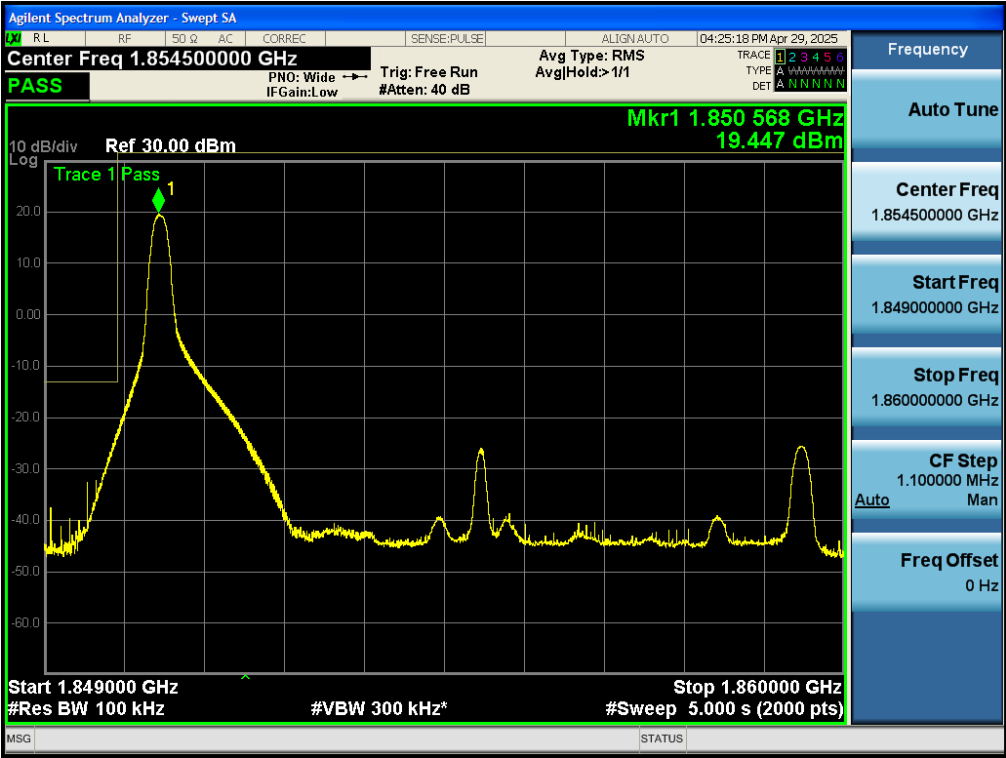
Test\_Graph\_band2\_1907.5MHz\_5M\_16QAM\_25RB#LOW\_Band edge



Test\_Graph\_band2\_1907.5MHz\_5M\_QPSK\_1RB#HIGH\_Band edge



Test\_Graph\_band2\_1907.5MHz\_5M\_QPSK\_25RB#LOW\_Band edge



Test\_Graph\_band2\_1855MHz\_10M\_16QAM\_1RB#LOW\_Band edge



Test\_Graph\_band2\_1855MHz\_10M\_16QAM\_50RB#LOW\_Band edge