

# TABLE OF CONTENTS

|                                       |           |
|---------------------------------------|-----------|
| <b>1 Conducted output power .....</b> | <b>2</b>  |
| <b>2 Frequency stability .....</b>    | <b>5</b>  |
| <b>3 Peak-to-Average Ratio .....</b>  | <b>6</b>  |
| <b>4 Occupied bandwidth .....</b>     | <b>10</b> |
| <b>5 Band edge .....</b>              | <b>17</b> |
| <b>6 Out-of-band emissions .....</b>  | <b>22</b> |

## 1 Conducted output power

| Band  | Bandwidth<br>(MHz) | UL<br>Channel | RB<br>Size | RB<br>Position | Modulation | Conducted<br>output<br>power<br>(dBm) | Antenna<br>Gain<br>(dBi) | EIRP<br>(dBm) | Limit<br>(dBm) | Verdict |
|-------|--------------------|---------------|------------|----------------|------------|---------------------------------------|--------------------------|---------------|----------------|---------|
| Band2 | 1.4                | 18607         | 1          | #0             | QAM16      | 20.91                                 | 0.08                     | 20.99         | 33.01          | PASS    |
| Band2 | 1.4                | 18607         | 1          | #Mid           | QAM16      | 20.84                                 | 0.08                     | 20.92         | 33.01          | PASS    |
| Band2 | 1.4                | 18607         | 1          | #Max           | QAM16      | 20.86                                 | 0.08                     | 20.94         | 33.01          | PASS    |
| Band2 | 1.4                | 18607         | 3          | #0             | QAM16      | 20.09                                 | 0.08                     | 20.17         | 33.01          | PASS    |
| Band2 | 1.4                | 18607         | 3          | #Mid           | QAM16      | 20.05                                 | 0.08                     | 20.13         | 33.01          | PASS    |
| Band2 | 1.4                | 18607         | 3          | #Max           | QAM16      | 20.01                                 | 0.08                     | 20.09         | 33.01          | PASS    |
| Band2 | 1.4                | 18607         | 6          | #0             | QAM16      | 19.03                                 | 0.08                     | 19.11         | 33.01          | PASS    |
| Band2 | 1.4                | 18900         | 1          | #0             | QAM16      | 19.74                                 | 0.08                     | 19.82         | 33.01          | PASS    |
| Band2 | 1.4                | 18900         | 1          | #Mid           | QAM16      | 19.84                                 | 0.08                     | 19.92         | 33.01          | PASS    |
| Band2 | 1.4                | 18900         | 1          | #Max           | QAM16      | 19.8                                  | 0.08                     | 19.88         | 33.01          | PASS    |
| Band2 | 1.4                | 18900         | 3          | #0             | QAM16      | 19.79                                 | 0.08                     | 19.87         | 33.01          | PASS    |
| Band2 | 1.4                | 18900         | 3          | #Mid           | QAM16      | 19.61                                 | 0.08                     | 19.69         | 33.01          | PASS    |
| Band2 | 1.4                | 18900         | 3          | #Max           | QAM16      | 19.78                                 | 0.08                     | 19.86         | 33.01          | PASS    |
| Band2 | 1.4                | 18900         | 6          | #0             | QAM16      | 19.16                                 | 0.08                     | 19.24         | 33.01          | PASS    |
| Band2 | 1.4                | 19193         | 1          | #0             | QAM16      | 20.09                                 | 0.08                     | 20.17         | 33.01          | PASS    |
| Band2 | 1.4                | 19193         | 1          | #Mid           | QAM16      | 20.13                                 | 0.08                     | 20.21         | 33.01          | PASS    |
| Band2 | 1.4                | 19193         | 1          | #Max           | QAM16      | 20.05                                 | 0.08                     | 20.13         | 33.01          | PASS    |
| Band2 | 1.4                | 19193         | 3          | #0             | QAM16      | 20.25                                 | 0.08                     | 20.33         | 33.01          | PASS    |
| Band2 | 1.4                | 19193         | 3          | #Mid           | QAM16      | 20.16                                 | 0.08                     | 20.24         | 33.01          | PASS    |
| Band2 | 1.4                | 19193         | 3          | #Max           | QAM16      | 20.22                                 | 0.08                     | 20.30         | 33.01          | PASS    |
| Band2 | 1.4                | 19193         | 6          | #0             | QAM16      | 18.98                                 | 0.08                     | 19.06         | 33.01          | PASS    |
| Band2 | 3                  | 18615         | 1          | #0             | QAM16      | 20.56                                 | 0.08                     | 20.64         | 33.01          | PASS    |
| Band2 | 3                  | 18615         | 1          | #Mid           | QAM16      | 20.59                                 | 0.08                     | 20.67         | 33.01          | PASS    |
| Band2 | 3                  | 18615         | 1          | #Max           | QAM16      | 20.6                                  | 0.08                     | 20.68         | 33.01          | PASS    |
| Band2 | 3                  | 18615         | 8          | #0             | QAM16      | 19.17                                 | 0.08                     | 19.25         | 33.01          | PASS    |
| Band2 | 3                  | 18615         | 8          | #Mid           | QAM16      | 19.12                                 | 0.08                     | 19.20         | 33.01          | PASS    |
| Band2 | 3                  | 18615         | 8          | #Max           | QAM16      | 19.51                                 | 0.08                     | 19.59         | 33.01          | PASS    |
| Band2 | 3                  | 18615         | 15         | #0             | QAM16      | 18.95                                 | 0.08                     | 19.03         | 33.01          | PASS    |
| Band2 | 3                  | 18900         | 1          | #0             | QAM16      | 19.69                                 | 0.08                     | 19.77         | 33.01          | PASS    |
| Band2 | 3                  | 18900         | 1          | #Mid           | QAM16      | 19.78                                 | 0.08                     | 19.86         | 33.01          | PASS    |
| Band2 | 3                  | 18900         | 1          | #Max           | QAM16      | 19.58                                 | 0.08                     | 19.66         | 33.01          | PASS    |
| Band2 | 3                  | 18900         | 8          | #0             | QAM16      | 19.11                                 | 0.08                     | 19.19         | 33.01          | PASS    |
| Band2 | 3                  | 18900         | 8          | #Mid           | QAM16      | 19.17                                 | 0.08                     | 19.25         | 33.01          | PASS    |
| Band2 | 3                  | 18900         | 8          | #Max           | QAM16      | 19.14                                 | 0.08                     | 19.22         | 33.01          | PASS    |
| Band2 | 3                  | 18900         | 15         | #0             | QAM16      | 19.24                                 | 0.08                     | 19.32         | 33.01          | PASS    |
| Band2 | 3                  | 19185         | 1          | #0             | QAM16      | 20.98                                 | 0.08                     | 21.06         | 33.01          | PASS    |
| Band2 | 3                  | 19185         | 1          | #Mid           | QAM16      | 20.91                                 | 0.08                     | 20.99         | 33.01          | PASS    |
| Band2 | 3                  | 19185         | 1          | #Max           | QAM16      | 20.94                                 | 0.08                     | 21.02         | 33.01          | PASS    |

|       |    |       |    |      |       |       |      |       |       |      |
|-------|----|-------|----|------|-------|-------|------|-------|-------|------|
| Band2 | 3  | 19185 | 8  | #0   | QAM16 | 18.71 | 0.08 | 18.79 | 33.01 | PASS |
| Band2 | 3  | 19185 | 8  | #Mid | QAM16 | 18.71 | 0.08 | 18.79 | 33.01 | PASS |
| Band2 | 3  | 19185 | 8  | #Max | QAM16 | 18.69 | 0.08 | 18.77 | 33.01 | PASS |
| Band2 | 3  | 19185 | 15 | #0   | QAM16 | 18.91 | 0.08 | 18.99 | 33.01 | PASS |
| Band2 | 5  | 18625 | 1  | #0   | QAM16 | 19.83 | 0.08 | 19.91 | 33.01 | PASS |
| Band2 | 5  | 18625 | 1  | #Mid | QAM16 | 19.78 | 0.08 | 19.86 | 33.01 | PASS |
| Band2 | 5  | 18625 | 1  | #Max | QAM16 | 19.81 | 0.08 | 19.89 | 33.01 | PASS |
| Band2 | 5  | 18625 | 12 | #0   | QAM16 | 18.95 | 0.08 | 19.03 | 33.01 | PASS |
| Band2 | 5  | 18625 | 12 | #Mid | QAM16 | 19.23 | 0.08 | 19.31 | 33.01 | PASS |
| Band2 | 5  | 18625 | 12 | #Max | QAM16 | 19.26 | 0.08 | 19.34 | 33.01 | PASS |
| Band2 | 5  | 18625 | 25 | #0   | QAM16 | 19.28 | 0.08 | 19.36 | 33.01 | PASS |
| Band2 | 5  | 18900 | 1  | #0   | QAM16 | 19.96 | 0.08 | 20.04 | 33.01 | PASS |
| Band2 | 5  | 18900 | 1  | #Mid | QAM16 | 19.86 | 0.08 | 19.94 | 33.01 | PASS |
| Band2 | 5  | 18900 | 1  | #Max | QAM16 | 19.95 | 0.08 | 20.03 | 33.01 | PASS |
| Band2 | 5  | 18900 | 12 | #0   | QAM16 | 19.05 | 0.08 | 19.13 | 33.01 | PASS |
| Band2 | 5  | 18900 | 12 | #Mid | QAM16 | 19.17 | 0.08 | 19.25 | 33.01 | PASS |
| Band2 | 5  | 18900 | 12 | #Max | QAM16 | 19.05 | 0.08 | 19.13 | 33.01 | PASS |
| Band2 | 5  | 18900 | 25 | #0   | QAM16 | 19.37 | 0.08 | 19.45 | 33.01 | PASS |
| Band2 | 5  | 19175 | 1  | #0   | QAM16 | 19.45 | 0.08 | 19.53 | 33.01 | PASS |
| Band2 | 5  | 19175 | 1  | #Mid | QAM16 | 19.47 | 0.08 | 19.55 | 33.01 | PASS |
| Band2 | 5  | 19175 | 1  | #Max | QAM16 | 19.41 | 0.08 | 19.49 | 33.01 | PASS |
| Band2 | 5  | 19175 | 12 | #0   | QAM16 | 18.75 | 0.08 | 18.83 | 33.01 | PASS |
| Band2 | 5  | 19175 | 12 | #Mid | QAM16 | 18.66 | 0.08 | 18.74 | 33.01 | PASS |
| Band2 | 5  | 19175 | 12 | #Max | QAM16 | 18.7  | 0.08 | 18.78 | 33.01 | PASS |
| Band2 | 5  | 19175 | 25 | #0   | QAM16 | 18.93 | 0.08 | 19.01 | 33.01 | PASS |
| Band2 | 10 | 18650 | 1  | #0   | QAM16 | 21.09 | 0.08 | 21.17 | 33.01 | PASS |
| Band2 | 10 | 18650 | 1  | #Mid | QAM16 | 21.07 | 0.08 | 21.15 | 33.01 | PASS |
| Band2 | 10 | 18650 | 1  | #Max | QAM16 | 21.03 | 0.08 | 21.11 | 33.01 | PASS |
| Band2 | 10 | 18650 | 25 | #0   | QAM16 | 19.27 | 0.08 | 19.35 | 33.01 | PASS |
| Band2 | 10 | 18650 | 25 | #Mid | QAM16 | 19.23 | 0.08 | 19.31 | 33.01 | PASS |
| Band2 | 10 | 18650 | 25 | #Max | QAM16 | 19.19 | 0.08 | 19.27 | 33.01 | PASS |
| Band2 | 10 | 18650 | 50 | #0   | QAM16 | 19.25 | 0.08 | 19.33 | 33.01 | PASS |
| Band2 | 10 | 18900 | 1  | #0   | QAM16 | 19.79 | 0.08 | 19.87 | 33.01 | PASS |
| Band2 | 10 | 18900 | 1  | #Mid | QAM16 | 19.78 | 0.08 | 19.86 | 33.01 | PASS |
| Band2 | 10 | 18900 | 1  | #Max | QAM16 | 19.75 | 0.08 | 19.83 | 33.01 | PASS |
| Band2 | 10 | 18900 | 25 | #0   | QAM16 | 19.22 | 0.08 | 19.30 | 33.01 | PASS |
| Band2 | 10 | 18900 | 25 | #Mid | QAM16 | 19.29 | 0.08 | 19.37 | 33.01 | PASS |
| Band2 | 10 | 18900 | 25 | #Max | QAM16 | 19.18 | 0.08 | 19.26 | 33.01 | PASS |
| Band2 | 10 | 18900 | 50 | #0   | QAM16 | 19.32 | 0.08 | 19.40 | 33.01 | PASS |
| Band2 | 10 | 19150 | 1  | #0   | QAM16 | 19.76 | 0.08 | 19.84 | 33.01 | PASS |
| Band2 | 10 | 19150 | 1  | #Mid | QAM16 | 19.76 | 0.08 | 19.84 | 33.01 | PASS |
| Band2 | 10 | 19150 | 1  | #Max | QAM16 | 19.73 | 0.08 | 19.81 | 33.01 | PASS |
| Band2 | 10 | 19150 | 25 | #0   | QAM16 | 19.21 | 0.08 | 19.29 | 33.01 | PASS |
| Band2 | 10 | 19150 | 25 | #Mid | QAM16 | 18.85 | 0.08 | 18.93 | 33.01 | PASS |

|       |    |       |     |      |       |       |      |       |       |      |
|-------|----|-------|-----|------|-------|-------|------|-------|-------|------|
| Band2 | 10 | 19150 | 25  | #Max | QAM16 | 18.86 | 0.08 | 18.94 | 33.01 | PASS |
| Band2 | 10 | 19150 | 50  | #0   | QAM16 | 18.82 | 0.08 | 18.90 | 33.01 | PASS |
| Band2 | 15 | 18675 | 1   | #0   | QAM16 | 21.02 | 0.08 | 21.10 | 33.01 | PASS |
| Band2 | 15 | 18675 | 1   | #Mid | QAM16 | 21.01 | 0.08 | 21.09 | 33.01 | PASS |
| Band2 | 15 | 18675 | 1   | #Max | QAM16 | 20.92 | 0.08 | 21.00 | 33.01 | PASS |
| Band2 | 15 | 18675 | 36  | #0   | QAM16 | 19.33 | 0.08 | 19.41 | 33.01 | PASS |
| Band2 | 15 | 18675 | 36  | #Mid | QAM16 | 19.36 | 0.08 | 19.44 | 33.01 | PASS |
| Band2 | 15 | 18675 | 36  | #Max | QAM16 | 19.29 | 0.08 | 19.37 | 33.01 | PASS |
| Band2 | 15 | 18675 | 75  | #0   | QAM16 | 19.25 | 0.08 | 19.33 | 33.01 | PASS |
| Band2 | 15 | 18900 | 1   | #0   | QAM16 | 19.96 | 0.08 | 20.04 | 33.01 | PASS |
| Band2 | 15 | 18900 | 1   | #Mid | QAM16 | 19.75 | 0.08 | 19.83 | 33.01 | PASS |
| Band2 | 15 | 18900 | 1   | #Max | QAM16 | 19.68 | 0.08 | 19.76 | 33.01 | PASS |
| Band2 | 15 | 18900 | 36  | #0   | QAM16 | 19.41 | 0.08 | 19.49 | 33.01 | PASS |
| Band2 | 15 | 18900 | 36  | #Mid | QAM16 | 19.33 | 0.08 | 19.41 | 33.01 | PASS |
| Band2 | 15 | 18900 | 36  | #Max | QAM16 | 19.26 | 0.08 | 19.34 | 33.01 | PASS |
| Band2 | 15 | 18900 | 75  | #0   | QAM16 | 19.25 | 0.08 | 19.33 | 33.01 | PASS |
| Band2 | 15 | 19125 | 1   | #0   | QAM16 | 20.42 | 0.08 | 20.50 | 33.01 | PASS |
| Band2 | 15 | 19125 | 1   | #Mid | QAM16 | 20.33 | 0.08 | 20.41 | 33.01 | PASS |
| Band2 | 15 | 19125 | 1   | #Max | QAM16 | 20.37 | 0.08 | 20.45 | 33.01 | PASS |
| Band2 | 15 | 19125 | 36  | #0   | QAM16 | 18.76 | 0.08 | 18.84 | 33.01 | PASS |
| Band2 | 15 | 19125 | 36  | #Mid | QAM16 | 19.11 | 0.08 | 19.19 | 33.01 | PASS |
| Band2 | 15 | 19125 | 36  | #Max | QAM16 | 18.81 | 0.08 | 18.89 | 33.01 | PASS |
| Band2 | 15 | 19125 | 75  | #0   | QAM16 | 19.2  | 0.08 | 19.28 | 33.01 | PASS |
| Band2 | 20 | 18700 | 1   | #0   | QAM16 | 19.61 | 0.08 | 19.69 | 33.01 | PASS |
| Band2 | 20 | 18700 | 1   | #Mid | QAM16 | 19.56 | 0.08 | 19.64 | 33.01 | PASS |
| Band2 | 20 | 18700 | 1   | #Max | QAM16 | 19.53 | 0.08 | 19.61 | 33.01 | PASS |
| Band2 | 20 | 18700 | 50  | #0   | QAM16 | 19.43 | 0.08 | 19.51 | 33.01 | PASS |
| Band2 | 20 | 18700 | 50  | #Mid | QAM16 | 19.34 | 0.08 | 19.42 | 33.01 | PASS |
| Band2 | 20 | 18700 | 50  | #Max | QAM16 | 19.36 | 0.08 | 19.44 | 33.01 | PASS |
| Band2 | 20 | 18700 | 100 | #0   | QAM16 | 19.26 | 0.08 | 19.34 | 33.01 | PASS |
| Band2 | 20 | 18900 | 1   | #0   | QAM16 | 19.51 | 0.08 | 19.59 | 33.01 | PASS |
| Band2 | 20 | 18900 | 1   | #Mid | QAM16 | 19.42 | 0.08 | 19.50 | 33.01 | PASS |
| Band2 | 20 | 18900 | 1   | #Max | QAM16 | 19.43 | 0.08 | 19.51 | 33.01 | PASS |
| Band2 | 20 | 18900 | 50  | #0   | QAM16 | 19.23 | 0.08 | 19.31 | 33.01 | PASS |
| Band2 | 20 | 18900 | 50  | #Mid | QAM16 | 19.18 | 0.08 | 19.26 | 33.01 | PASS |
| Band2 | 20 | 18900 | 50  | #Max | QAM16 | 19.09 | 0.08 | 19.17 | 33.01 | PASS |
| Band2 | 20 | 18900 | 100 | #0   | QAM16 | 19.26 | 0.08 | 19.34 | 33.01 | PASS |
| Band2 | 20 | 19100 | 1   | #0   | QAM16 | 19.9  | 0.08 | 19.98 | 33.01 | PASS |
| Band2 | 20 | 19100 | 1   | #Mid | QAM16 | 19.83 | 0.08 | 19.91 | 33.01 | PASS |
| Band2 | 20 | 19100 | 1   | #Max | QAM16 | 19.9  | 0.08 | 19.98 | 33.01 | PASS |
| Band2 | 20 | 19100 | 50  | #0   | QAM16 | 19.19 | 0.08 | 19.27 | 33.01 | PASS |
| Band2 | 20 | 19100 | 50  | #Mid | QAM16 | 18.85 | 0.08 | 18.93 | 33.01 | PASS |
| Band2 | 20 | 19100 | 50  | #Max | QAM16 | 18.83 | 0.08 | 18.91 | 33.01 | PASS |
| Band2 | 20 | 19100 | 100 | #0   | QAM16 | 18.82 | 0.08 | 18.90 | 33.01 | PASS |

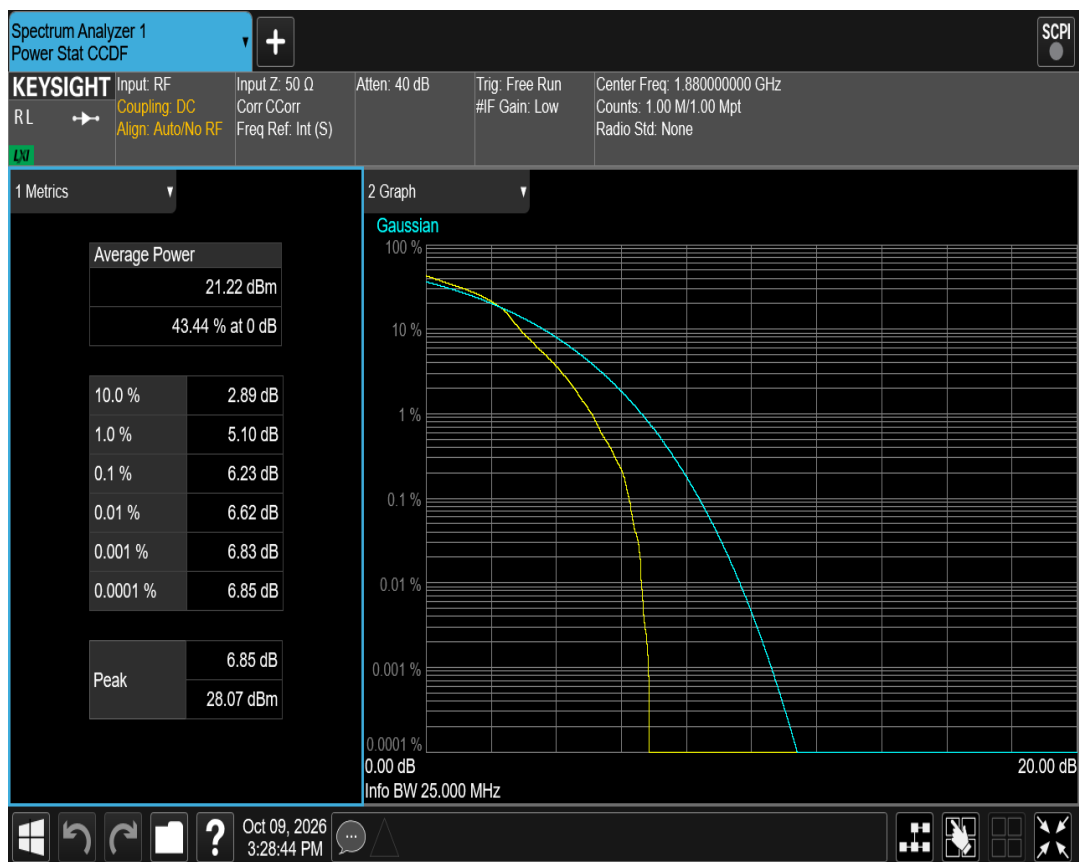
## 2 Frequency stability

| <i>Band</i> | <i>Bandwidth<br/>(MHz)</i> | <i>UL<br/>Channel</i> | <i>RB<br/>Size</i> | <i>RB<br/>Position</i> | <i>Modulation</i> | <i>Result(Hz)</i> | <i>Result<br/>(ppm)</i> | <i>Low<br/>Limit<br/>(ppm)</i> | <i>high<br/>Limit<br/>(ppm)</i> | <i>Verdict</i> |
|-------------|----------------------------|-----------------------|--------------------|------------------------|-------------------|-------------------|-------------------------|--------------------------------|---------------------------------|----------------|
| Band2       | 20                         | 18700                 | 100                | #0                     | QAM16             | -26.04            | -0.01400                | -2.5                           | 2.5                             | PASS           |
| Band2       | 20                         | 18900                 | 100                | #0                     | QAM16             | -34.13            | -0.01815                | -2.5                           | 2.5                             | PASS           |
| Band2       | 20                         | 19100                 | 100                | #0                     | QAM16             | -22.87            | -0.01204                | -2.5                           | 2.5                             | PASS           |

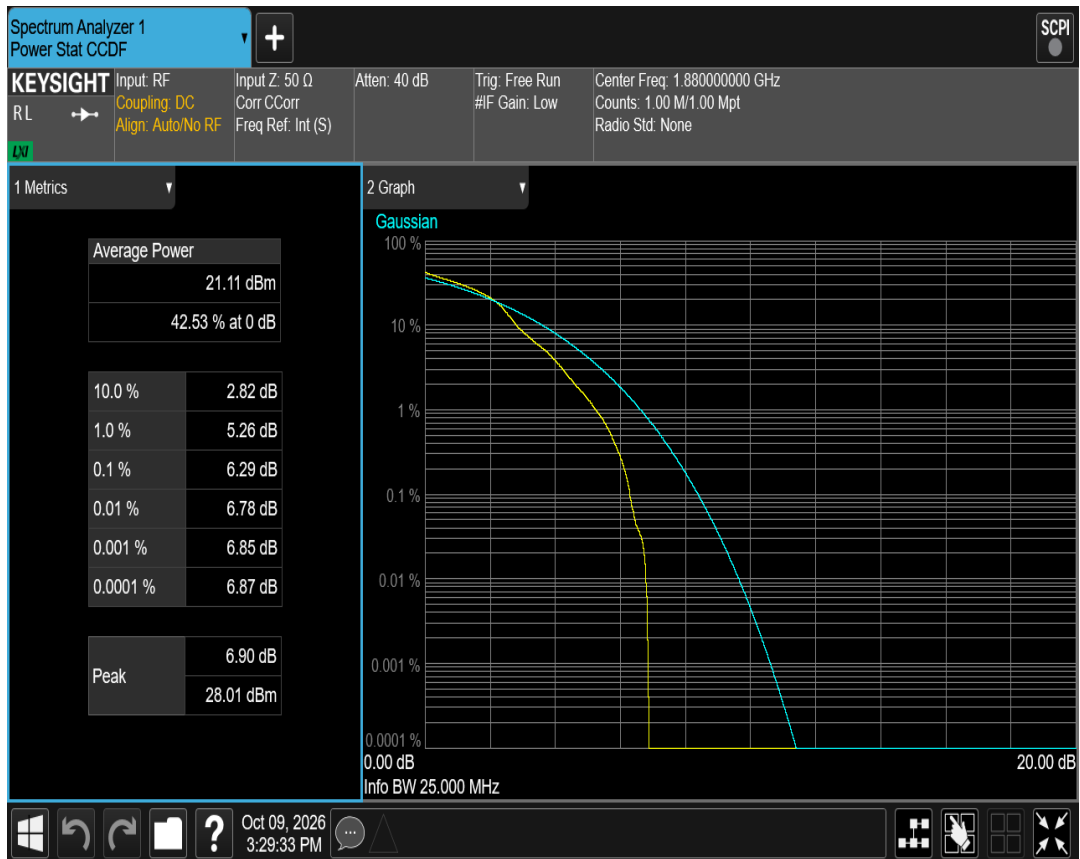
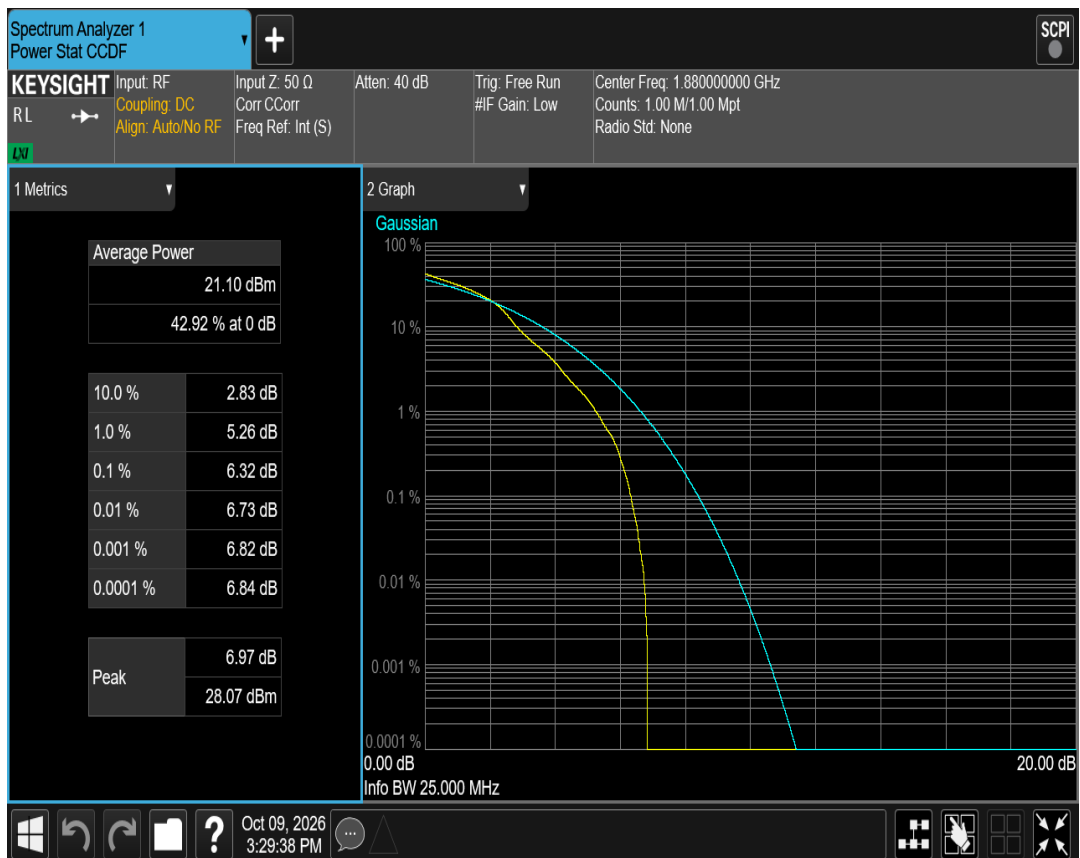
### 3 Peak-to-Average Ratio

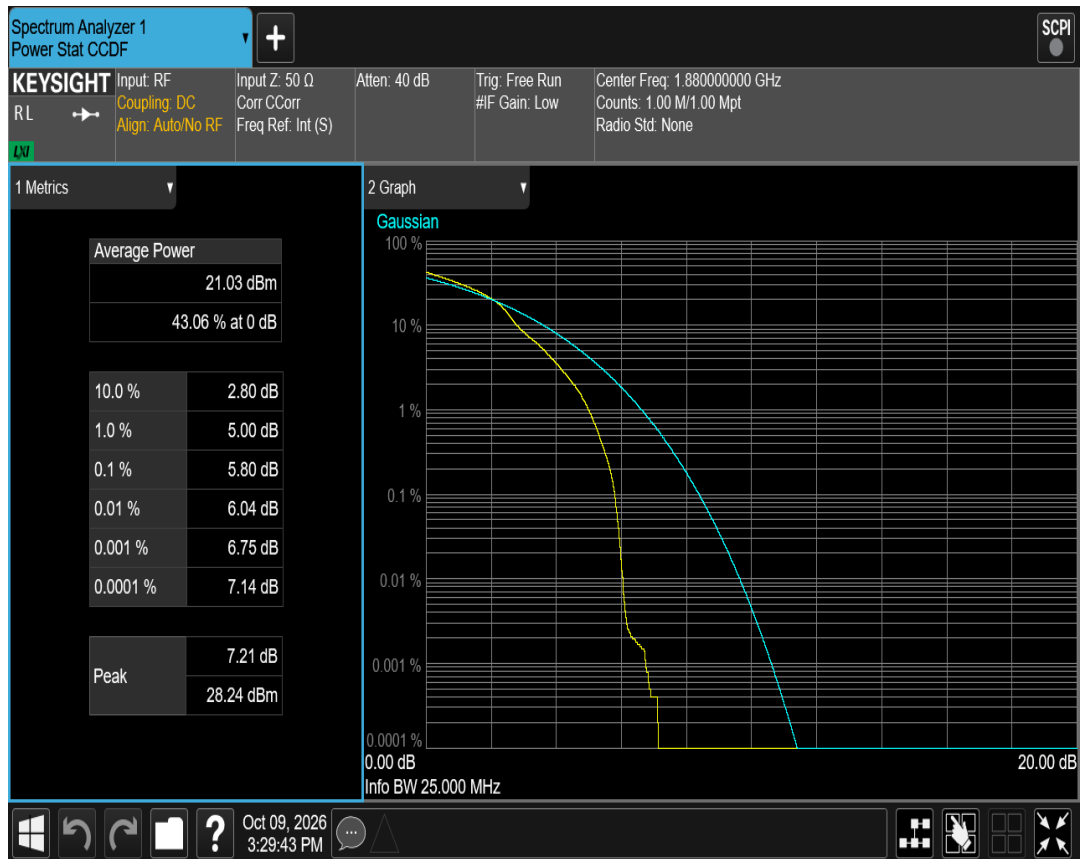
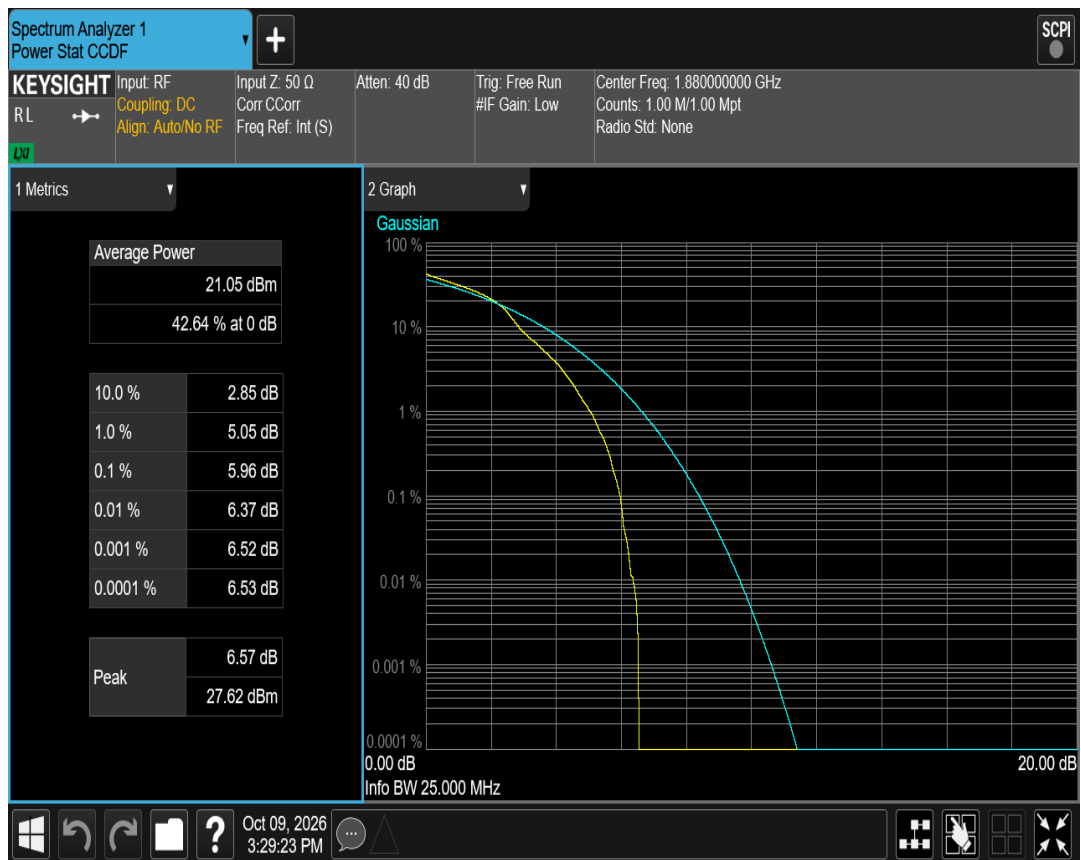
| Band  | Bandwidth (MHz) | UL Channel | RB Size | RB Position | Modulation | Result (dB) | high Limit (dB) | Verdict |
|-------|-----------------|------------|---------|-------------|------------|-------------|-----------------|---------|
| Band2 | 1.4             | 18900      | 1       | #0          | QAM16      | 6.23        | 13              | PASS    |
| Band2 | 3               | 18900      | 1       | #0          | QAM16      | 5.96        | 13              | PASS    |
| Band2 | 5               | 18900      | 1       | #0          | QAM16      | 6.39        | 13              | PASS    |
| Band2 | 10              | 18900      | 1       | #0          | QAM16      | 6.29        | 13              | PASS    |
| Band2 | 15              | 18900      | 1       | #0          | QAM16      | 6.32        | 13              | PASS    |
| Band2 | 20              | 18900      | 1       | #0          | QAM16      | 5.80        | 13              | PASS    |

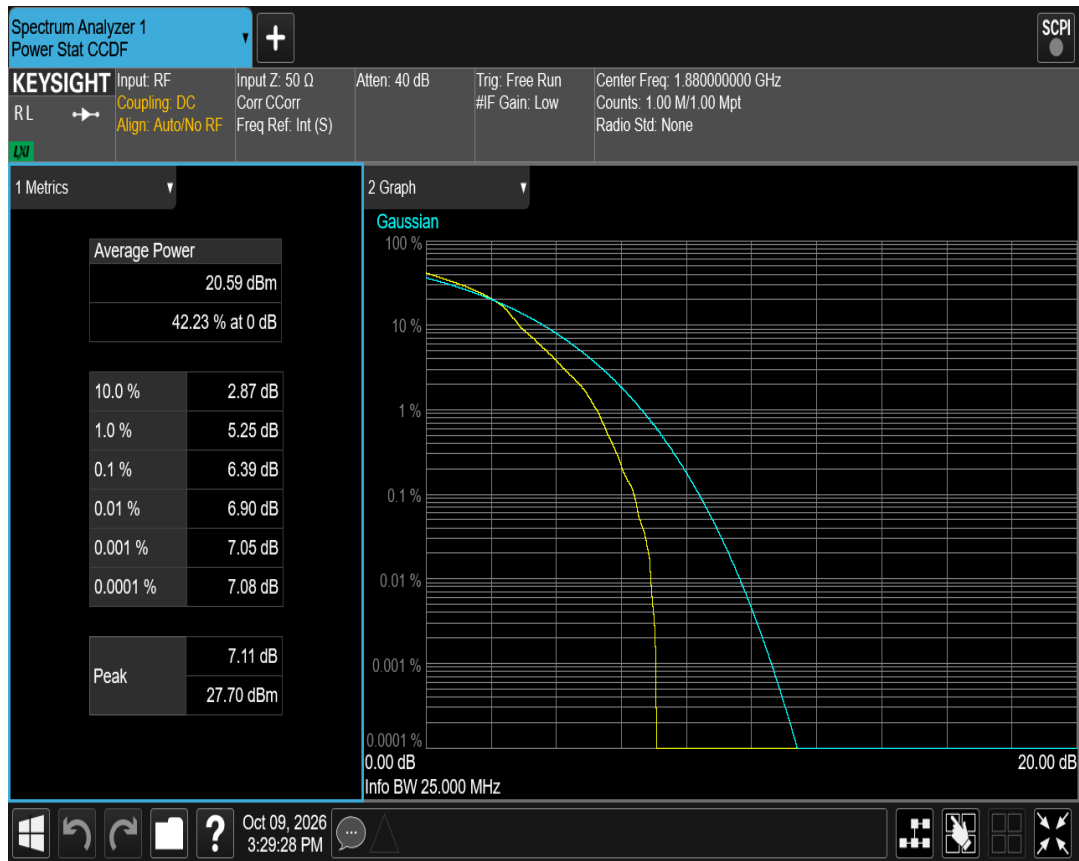
**Band2 QAM16 BW=1.4MHz Channel=18900 RB Size=1 Position=#0**



**Band2 QAM16 BW=10MHz Channel=18900 RB Size=1 Position=#0**

**Band2 QAM16 BW=15MHz Channel=18900 RB Size=1 Position=#0****Band2 QAM16 BW=20MHz Channel=18900 RB Size=1 Position=#0**

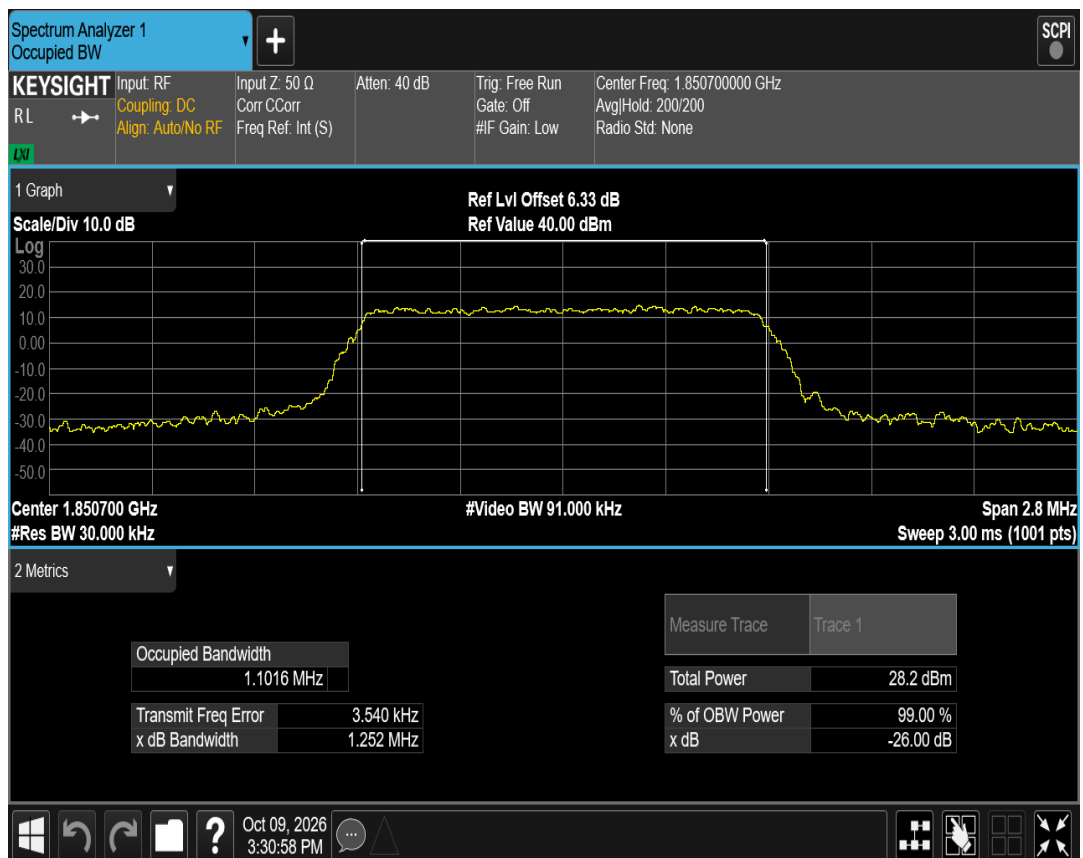
**Band2 QAM16 BW=3MHz Channel=18900 RB Size=1 Position=#0****Band2 QAM16 BW=5MHz Channel=18900 RB Size=1 Position=#0**



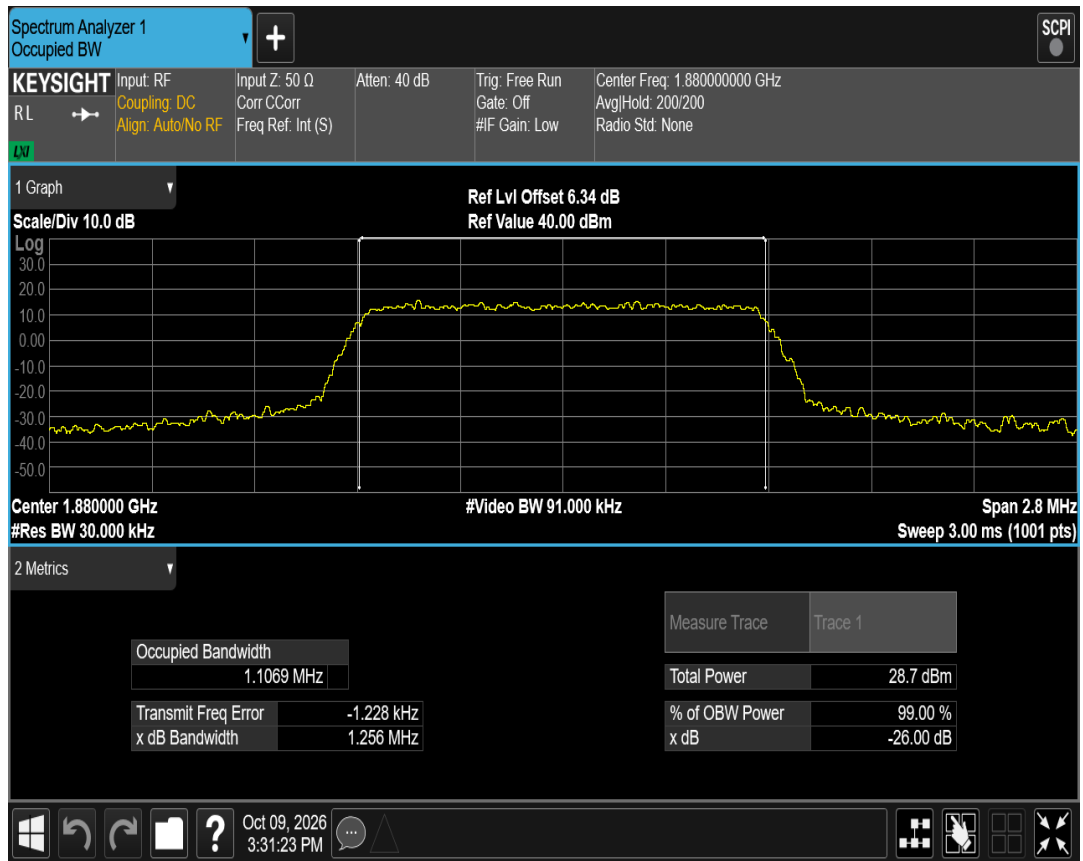
## 4 Occupied bandwidth

| Band  | Bandwidth<br>(MHz) | UL<br>Channel | RB<br>Size | RB<br>Position | Modulation | 99%<br>OBW<br>(MHz) | -26dB<br>EBW<br>(MHz) | Verdict |
|-------|--------------------|---------------|------------|----------------|------------|---------------------|-----------------------|---------|
| Band2 | 1.4                | 18607         | 6          | #0             | QAM16      | 1.102               | 1.252                 | PASS    |
| Band2 | 1.4                | 18900         | 6          | #0             | QAM16      | 1.107               | 1.256                 | PASS    |
| Band2 | 1.4                | 19193         | 6          | #0             | QAM16      | 1.099               | 1.254                 | PASS    |
| Band2 | 3                  | 18615         | 15         | #0             | QAM16      | 2.703               | 3.057                 | PASS    |
| Band2 | 3                  | 18900         | 15         | #0             | QAM16      | 2.712               | 3.048                 | PASS    |
| Band2 | 3                  | 19185         | 15         | #0             | QAM16      | 2.712               | 3.049                 | PASS    |
| Band2 | 5                  | 18625         | 25         | #0             | QAM16      | 4.521               | 4.988                 | PASS    |
| Band2 | 5                  | 18900         | 25         | #0             | QAM16      | 4.493               | 4.963                 | PASS    |
| Band2 | 5                  | 19175         | 25         | #0             | QAM16      | 4.519               | 4.937                 | PASS    |
| Band2 | 15                 | 19125         | 75         | #0             | QAM16      | 13.473              | 15.004                | PASS    |
| Band2 | 20                 | 18700         | 100        | #0             | QAM16      | 17.990              | 19.607                | PASS    |
| Band2 | 20                 | 18900         | 100        | #0             | QAM16      | 18.018              | 19.789                | PASS    |
| Band2 | 20                 | 19100         | 100        | #0             | QAM16      | 17.899              | 19.539                | PASS    |

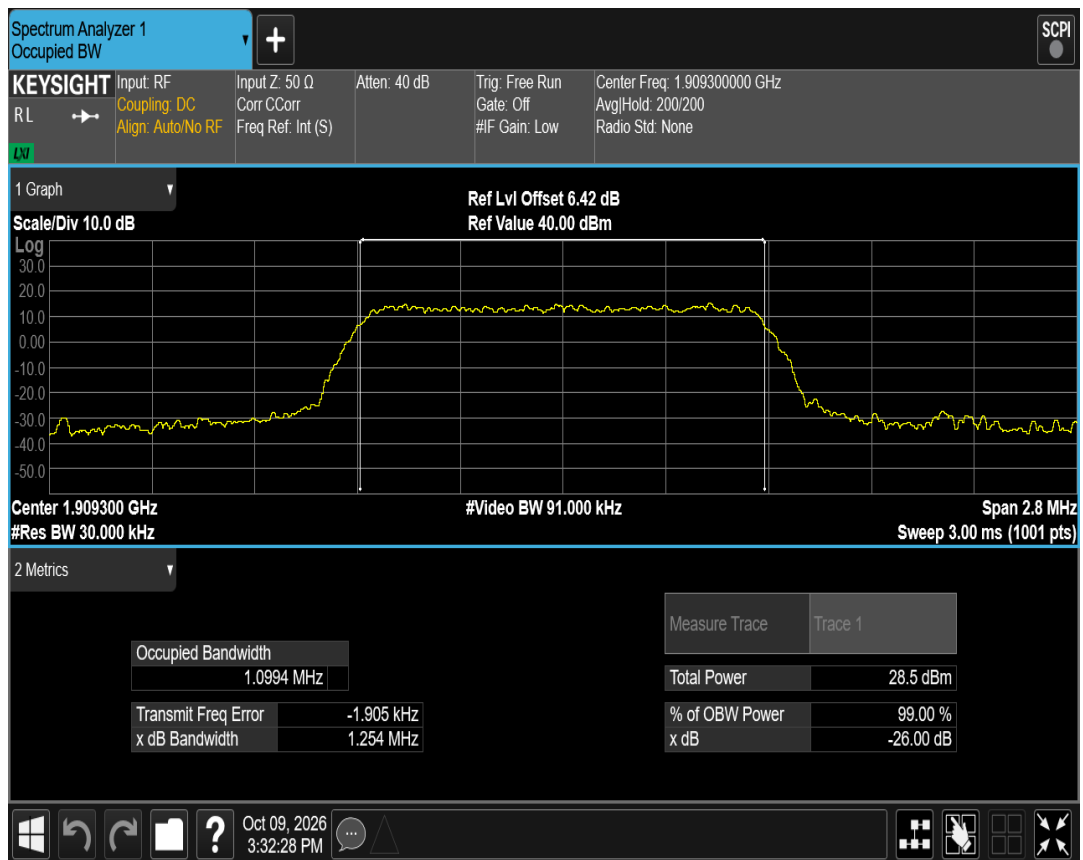
**Band2 QAM16 BW=1.4MHz Channel=18607 RB Size=6 Position=#0**



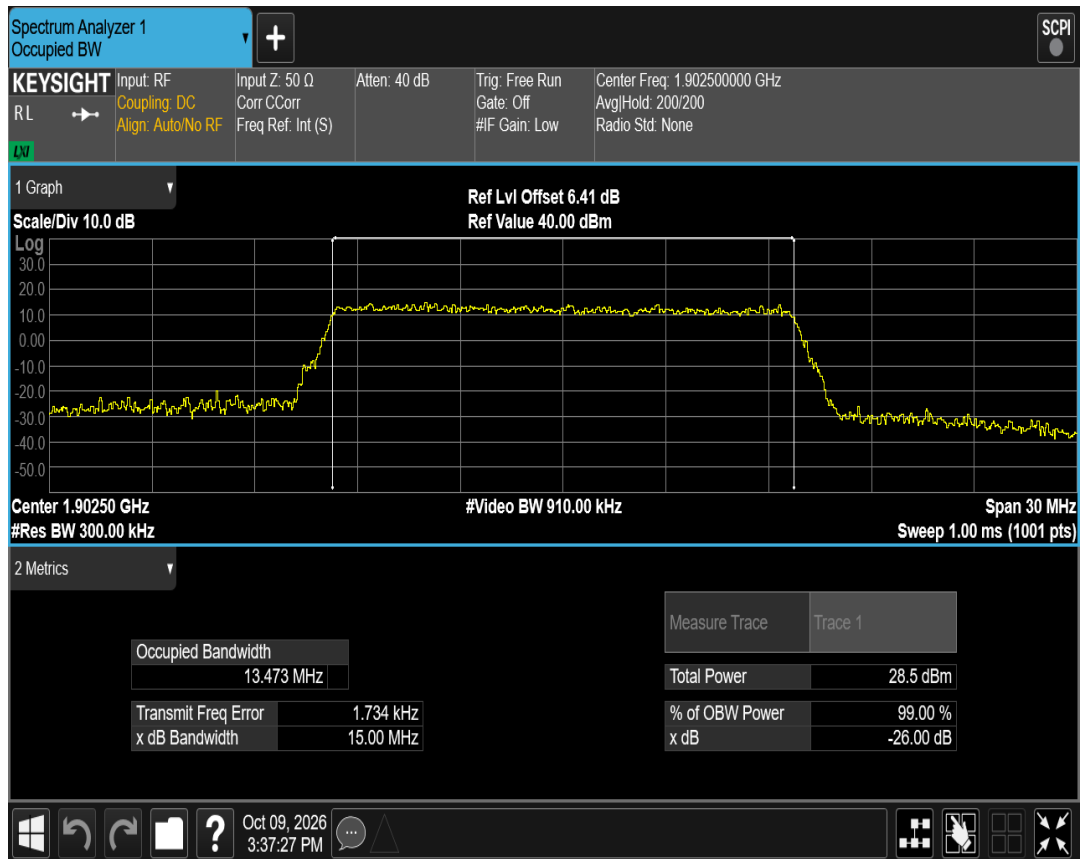
**Band2 QAM16 BW=1.4MHz Channel=18900 RB Size=6 Position=#0**



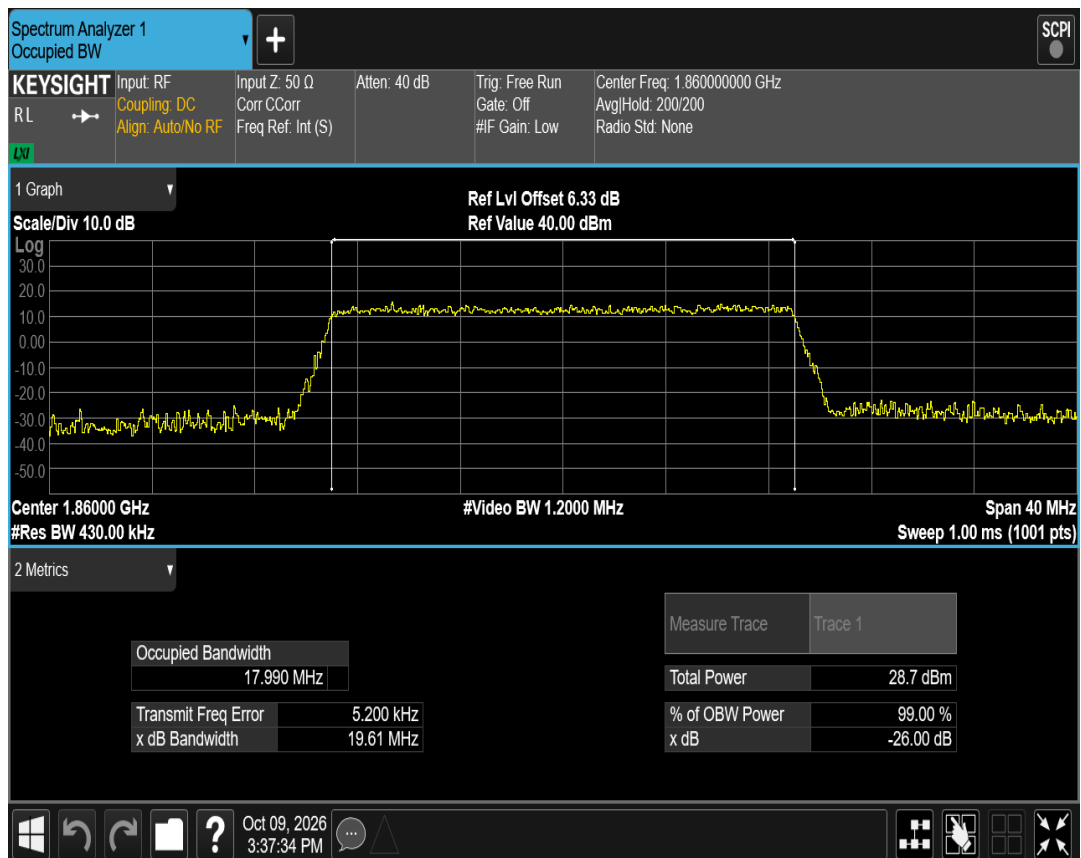
Band2 QAM16 BW=1.4MHz Channel=19193 RB Size=6 Position=#0



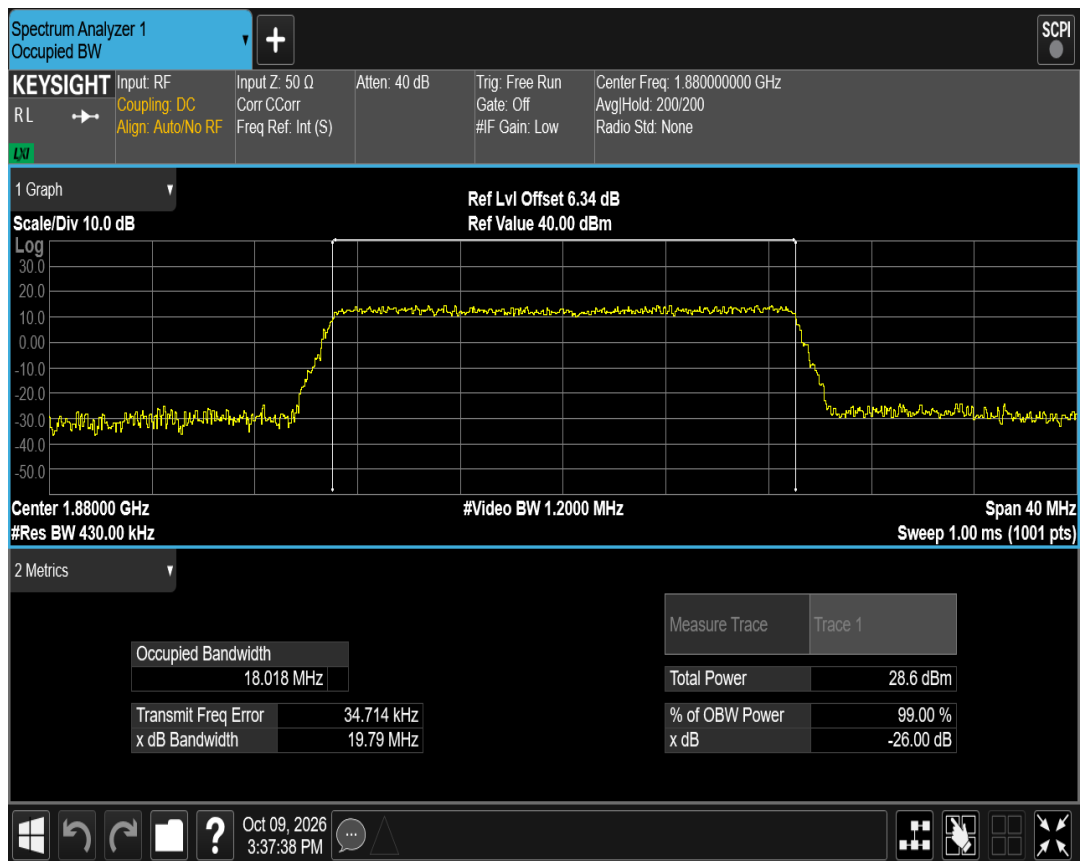
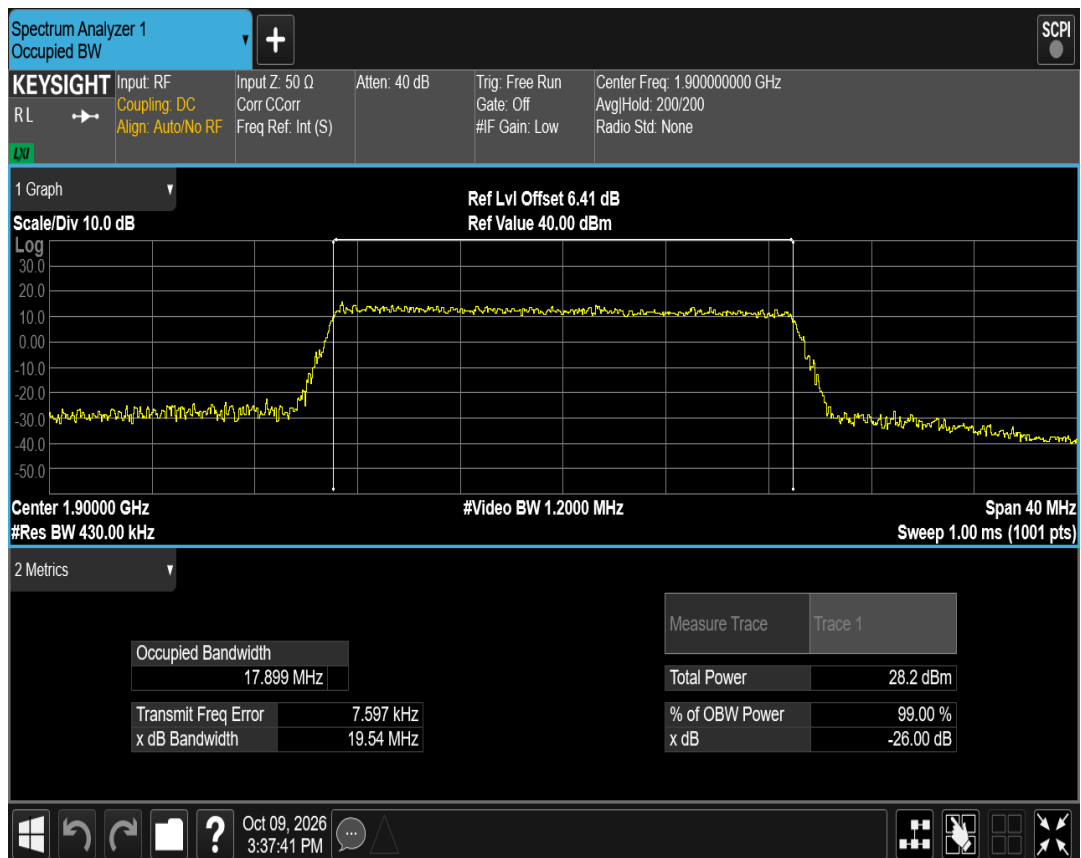
Band2 QAM16 BW=15MHz Channel=19125 RB Size=75 Position=#0

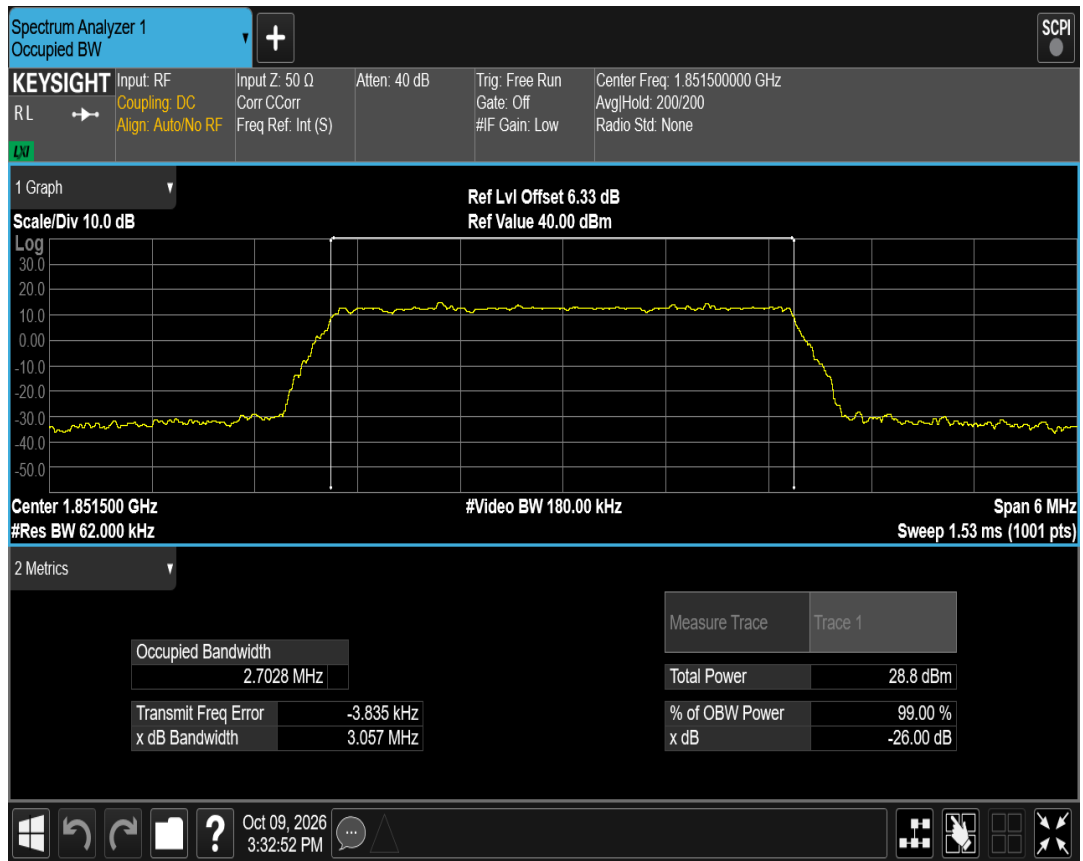
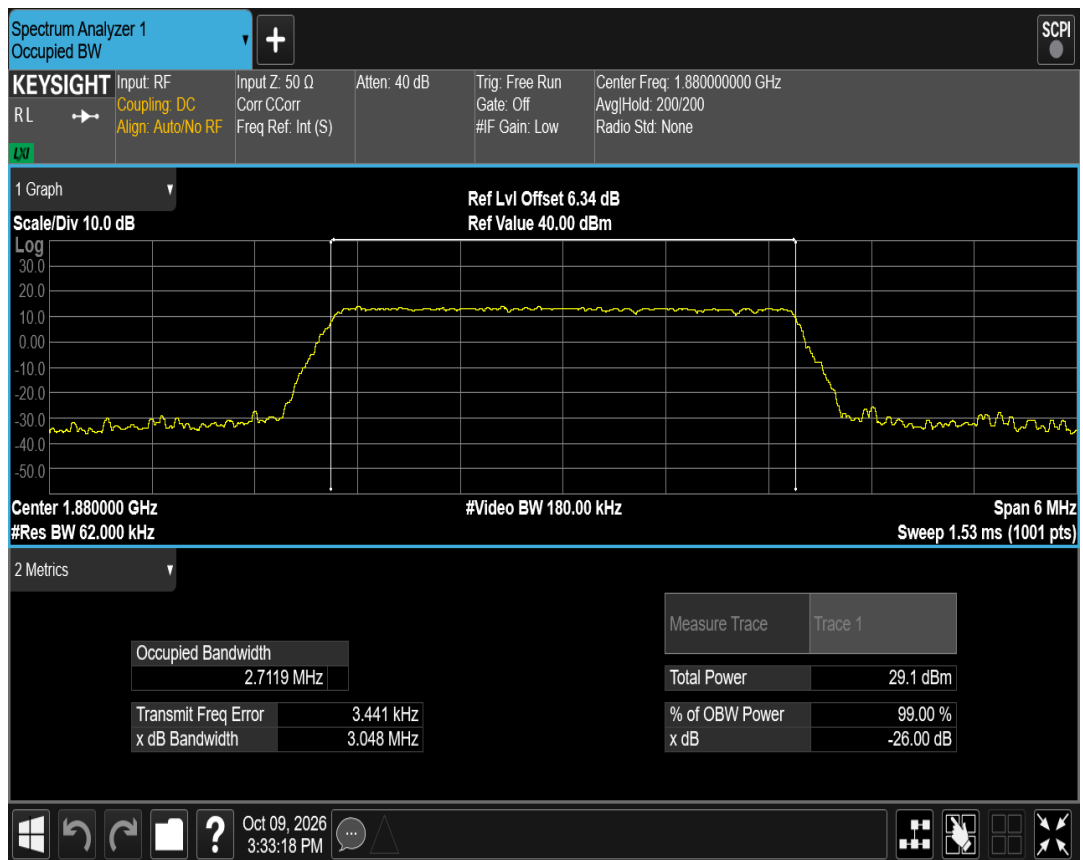


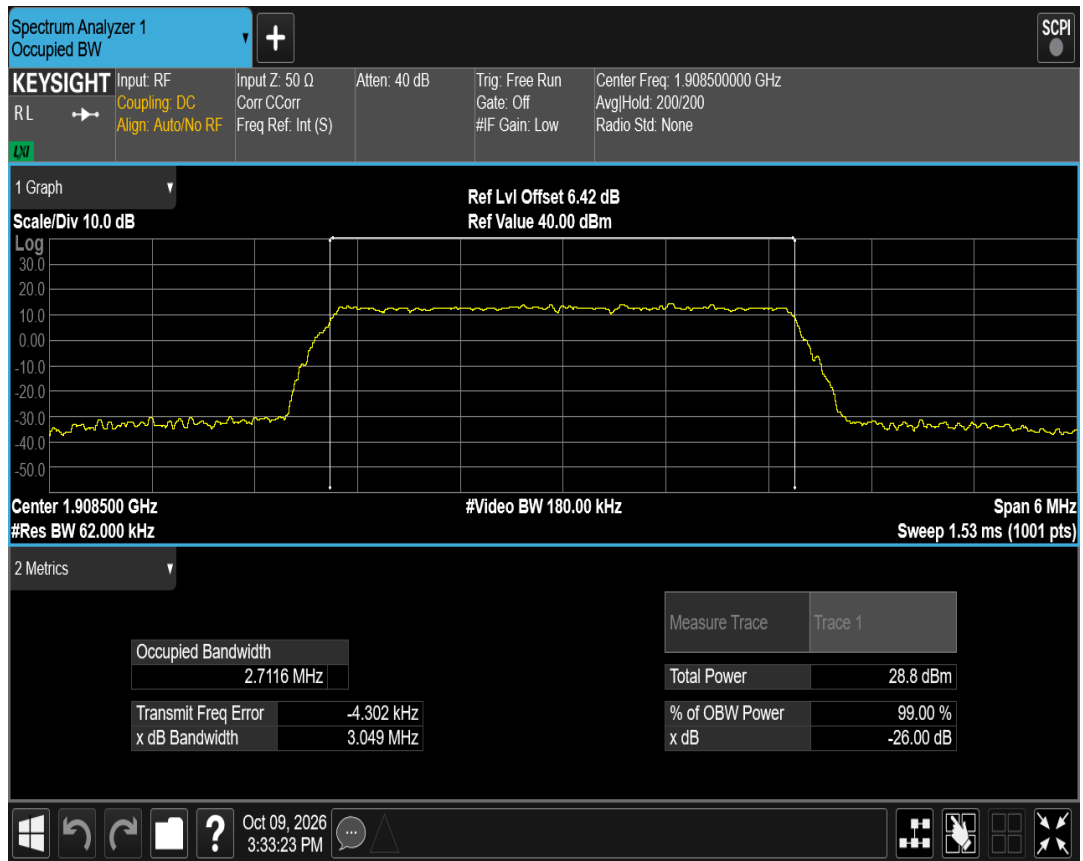
Band2 QAM16 BW=20MHz Channel=18700 RB Size=100 Position=#0



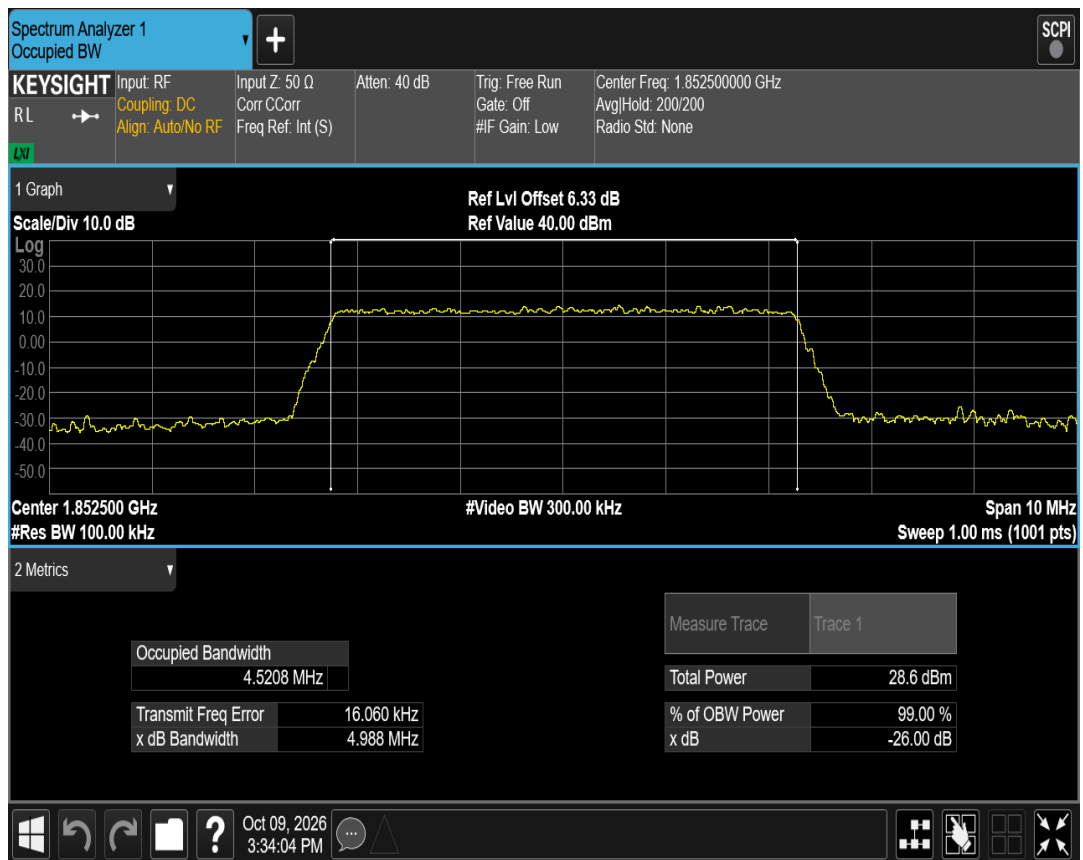
Band2 QAM16 BW=20MHz Channel=18900 RB Size=100 Position=#0

**Band2 QAM16 BW=20MHz Channel=19100 RB Size=100 Position=#0****Band2 QAM16 BW=3MHz Channel=18615 RB Size=15 Position=#0**

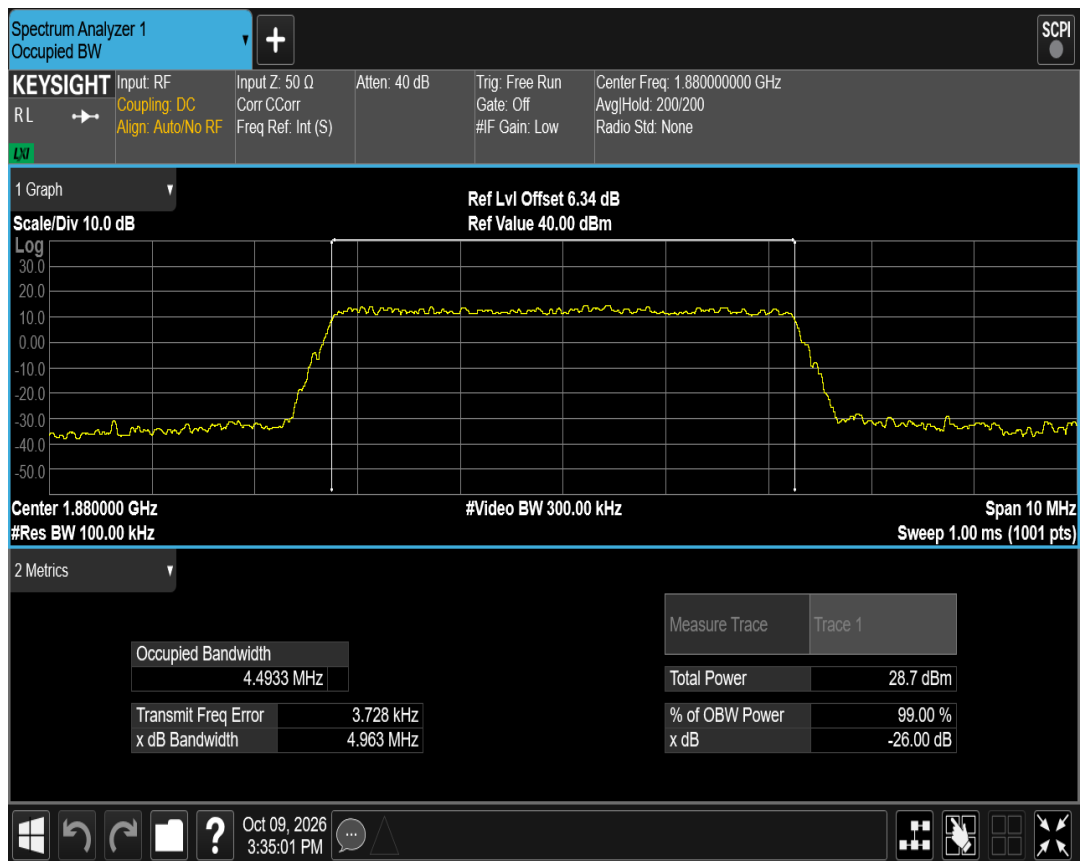
**Band2 QAM16 BW=3MHz Channel=18900 RB Size=15 Position=#0****Band2 QAM16 BW=3MHz Channel=19185 RB Size=15 Position=#0**



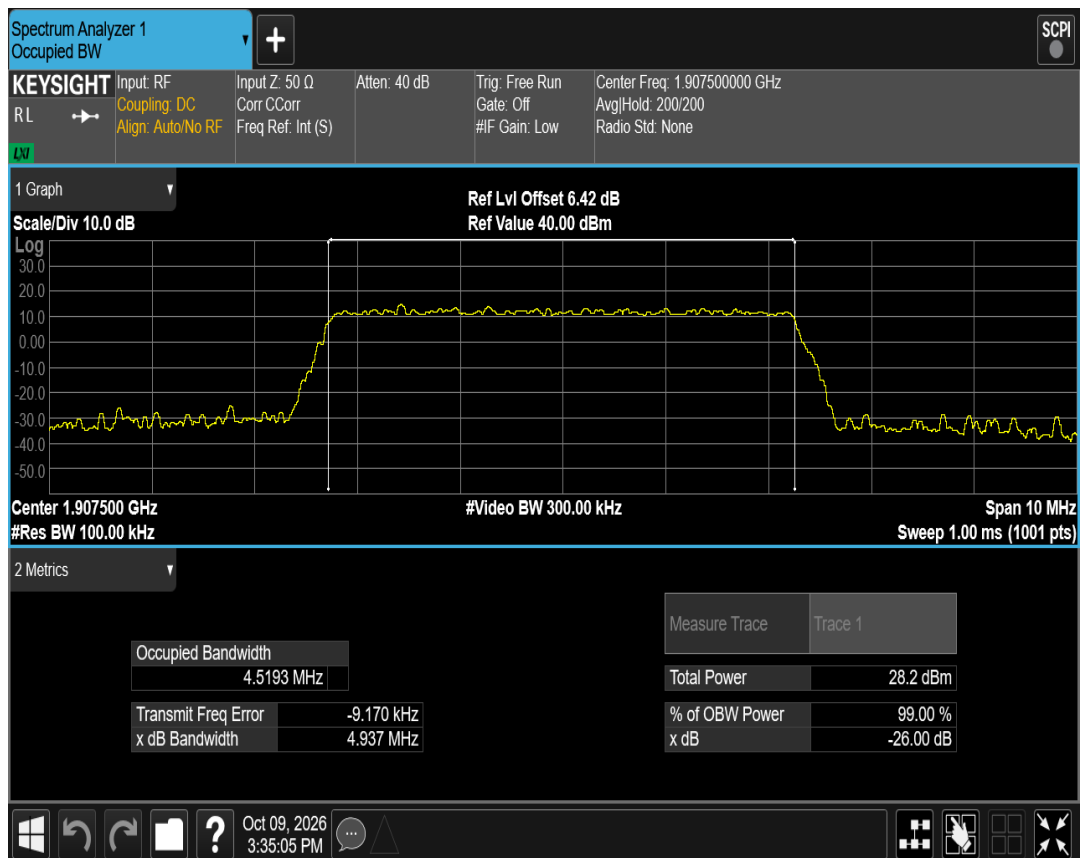
**Band2 QAM16 BW=5MHz Channel=18625 RB Size=25 Position=#0**



**Band2 QAM16 BW=5MHz Channel=18900 RB Size=25 Position=#0**



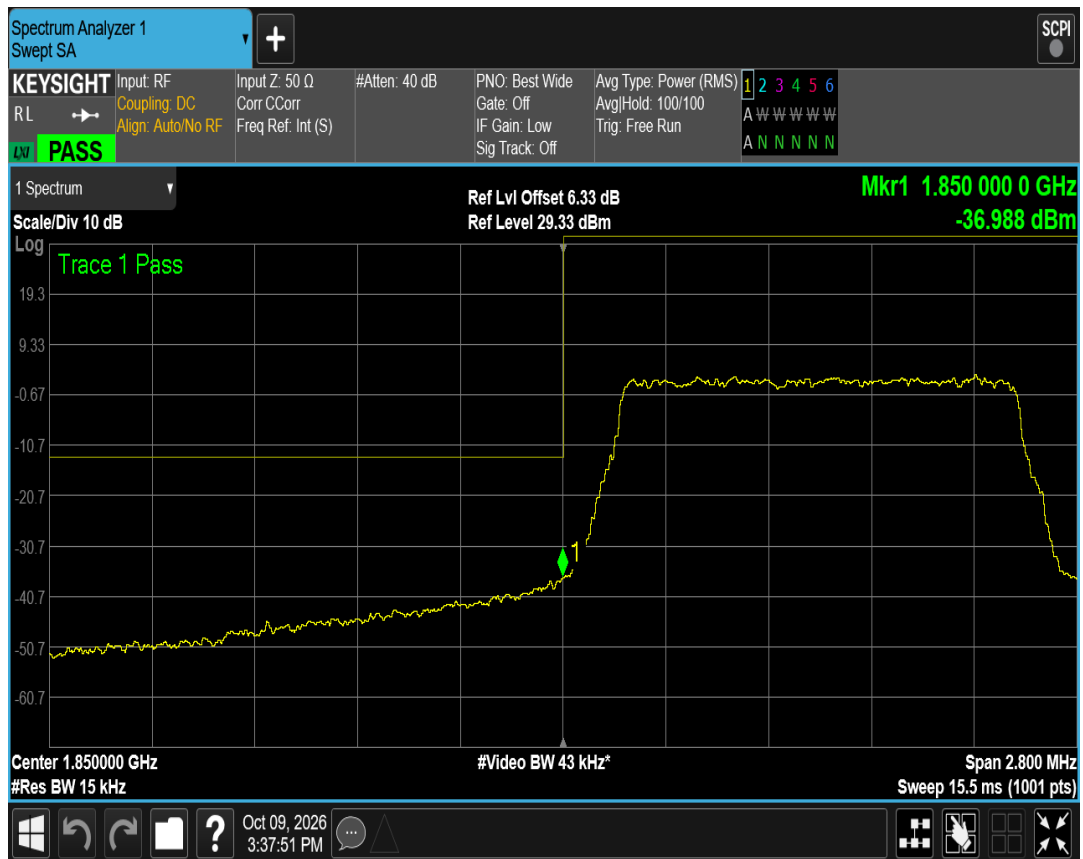
**Band2 QAM16 BW=5MHz Channel=19175 RB Size=25 Position=#0**



## 5 Band edge

| Band  | Bandwidth<br>(MHz) | UL<br>Channel | RB<br>Size | RB<br>Position | Modulation | Spur<br>Freq<br>(MHz) | Spur<br>Level<br>(dBm) | Limit<br>(dBm) | Verdict |
|-------|--------------------|---------------|------------|----------------|------------|-----------------------|------------------------|----------------|---------|
| Band2 | 1.4                | 18607         | 6          | #0             | QAM16      | 1850.00               | -36.98                 | -13            | PASS    |
| Band2 | 1.4                | 19193         | 6          | #0             | QAM16      | 1910.00               | -37.52                 | -13            | PASS    |
| Band2 | 3                  | 18615         | 15         | #0             | QAM16      | 1850.00               | -27.98                 | -13            | PASS    |
| Band2 | 3                  | 19185         | 15         | #0             | QAM16      | 1910.00               | -27.61                 | -13            | PASS    |
| Band2 | 5                  | 18625         | 25         | #0             | QAM16      | 1850.00               | -34.04                 | -13            | PASS    |
| Band2 | 5                  | 19175         | 25         | #0             | QAM16      | 1910.00               | -35.08                 | -13            | PASS    |
| Band2 | 10                 | 18650         | 50         | #0             | QAM16      | 1850.00               | -36.20                 | -13            | PASS    |
| Band2 | 10                 | 19150         | 50         | #0             | QAM16      | 1910.00               | -34.72                 | -13            | PASS    |

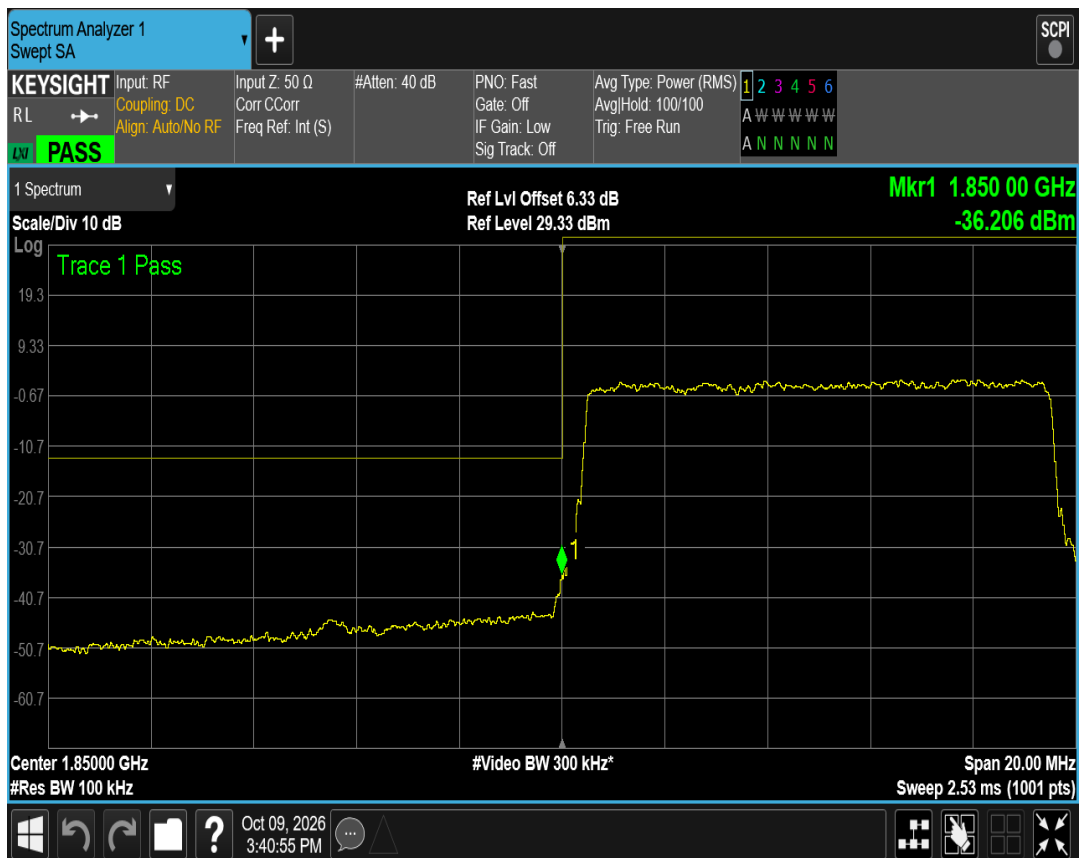
Band2 QAM16 BW=1.4MHz Channel=18607 RB Size=6 Position=#0



Band2 QAM16 BW=1.4MHz Channel=19193 RB Size=6 Position=#0



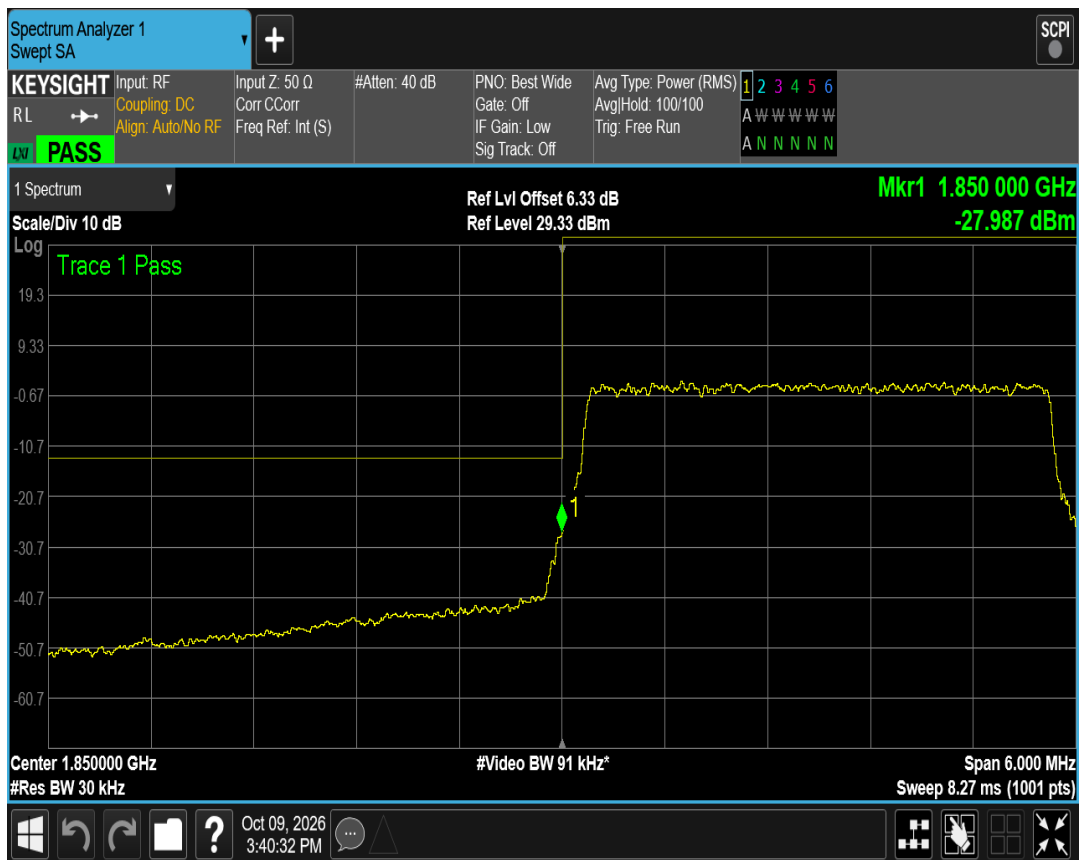
Band2 QAM16 BW=10MHz Channel=18650 RB Size=50 Position=#0



Band2 QAM16 BW=10MHz Channel=19150 RB Size=50 Position=#0



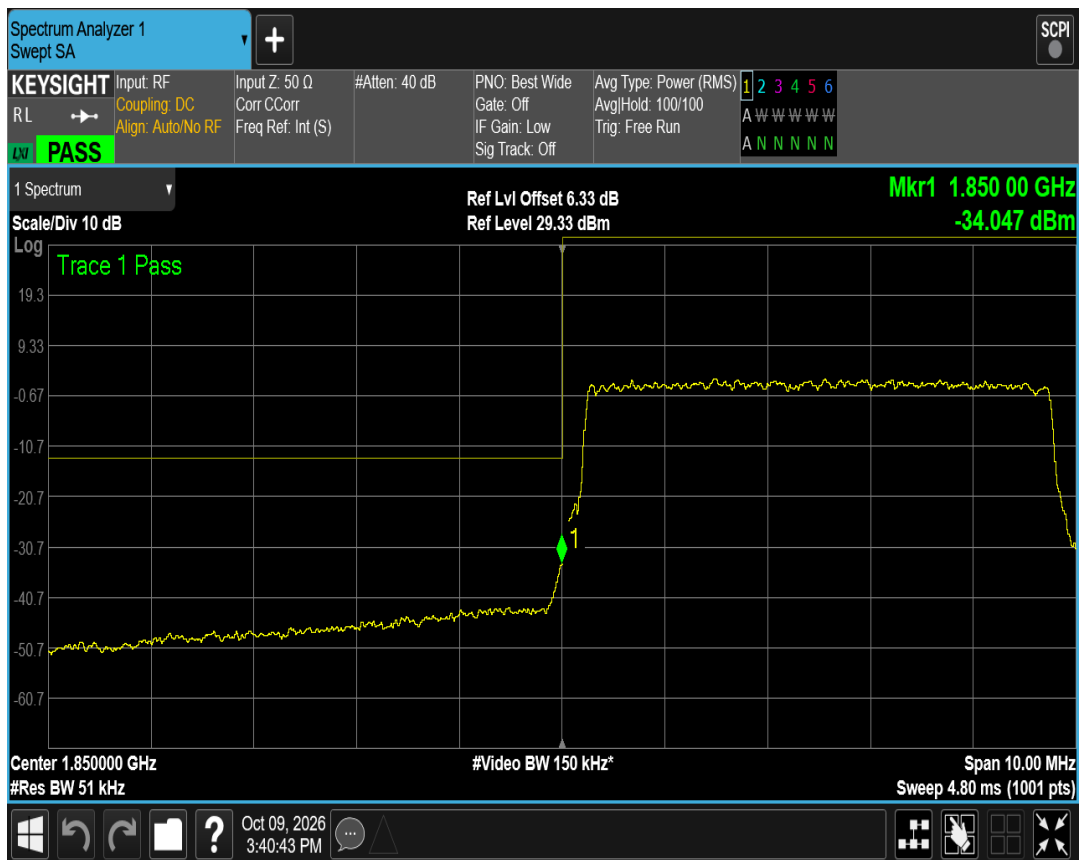
Band2 QAM16 BW=3MHz Channel=18615 RB Size=15 Position=#0



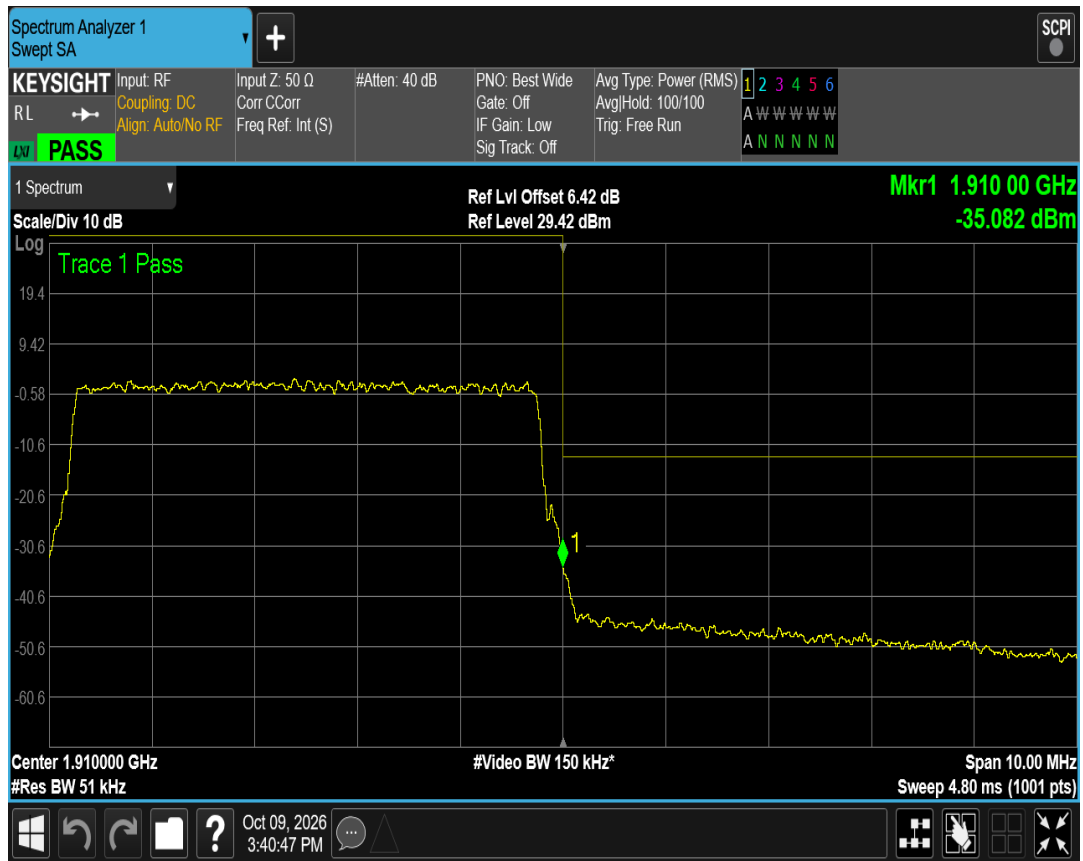
Band2 QAM16 BW=3MHz Channel=19185 RB Size=15 Position=#0



Band2 QAM16 BW=5MHz Channel=18625 RB Size=25 Position=#0



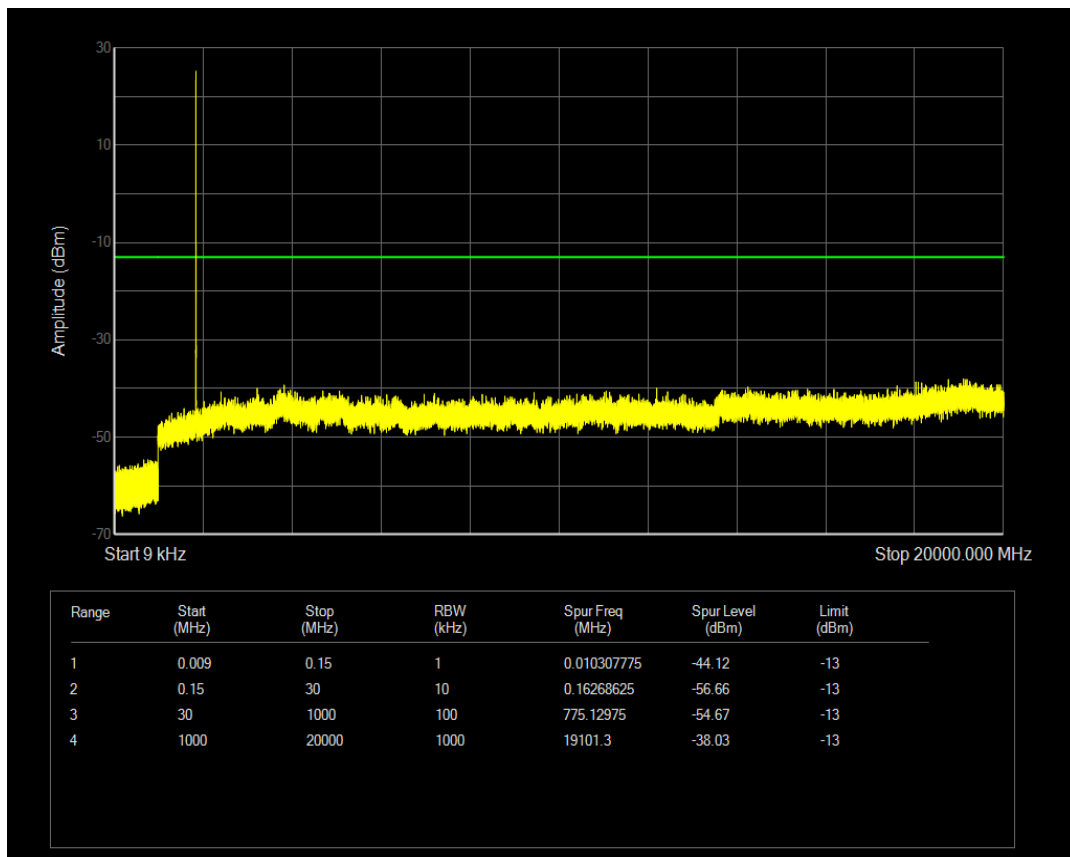
Band2 QAM16 BW=5MHz Channel=19175 RB Size=25 Position=#0



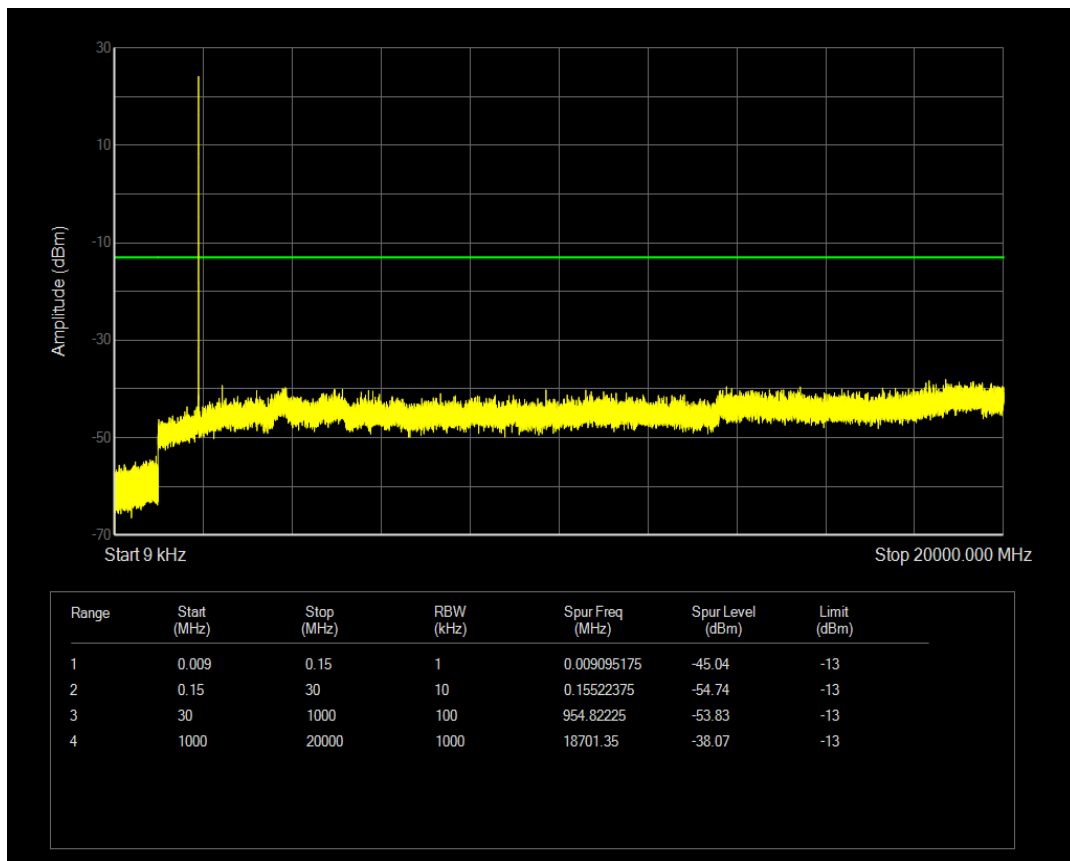
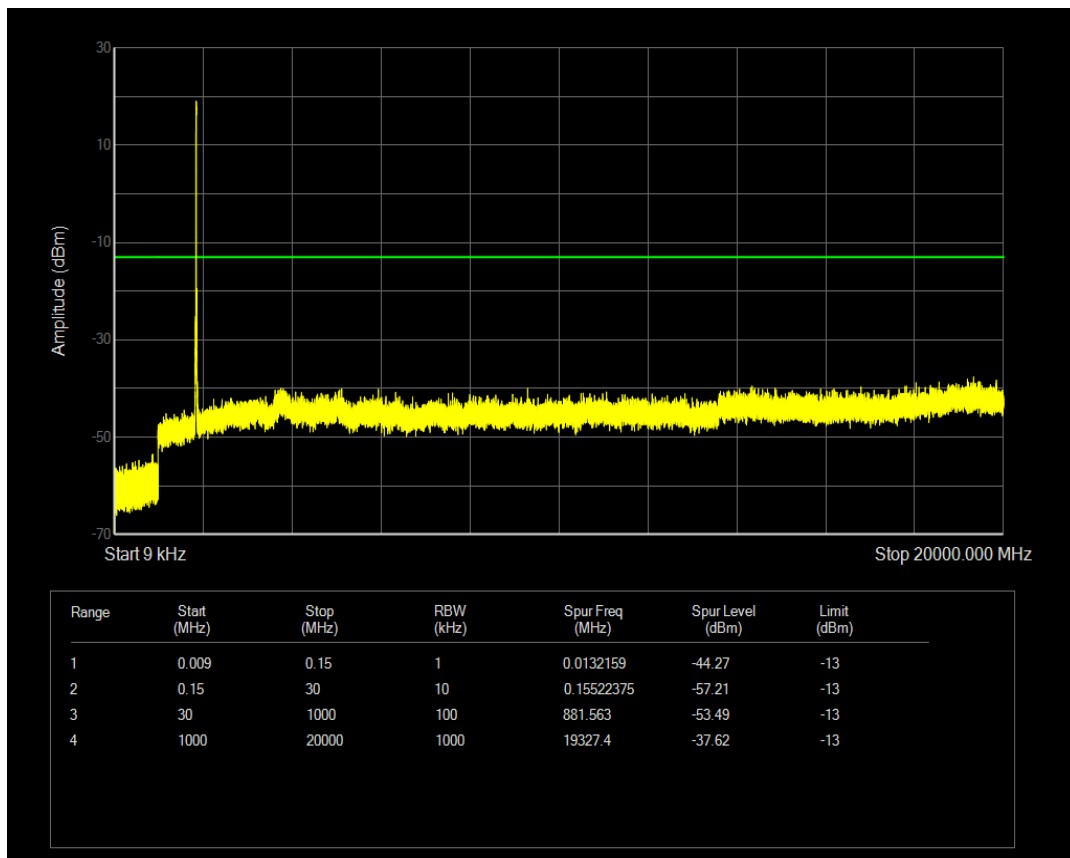
## 6 Out-of-band emissions

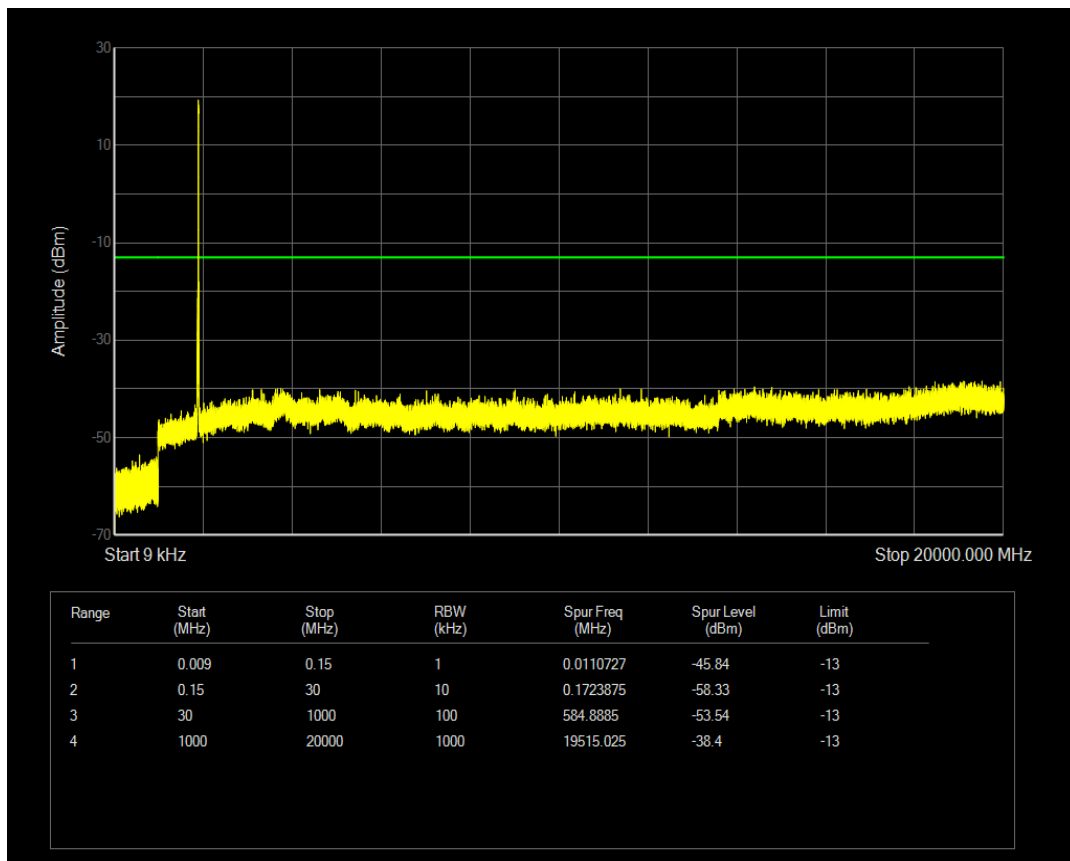
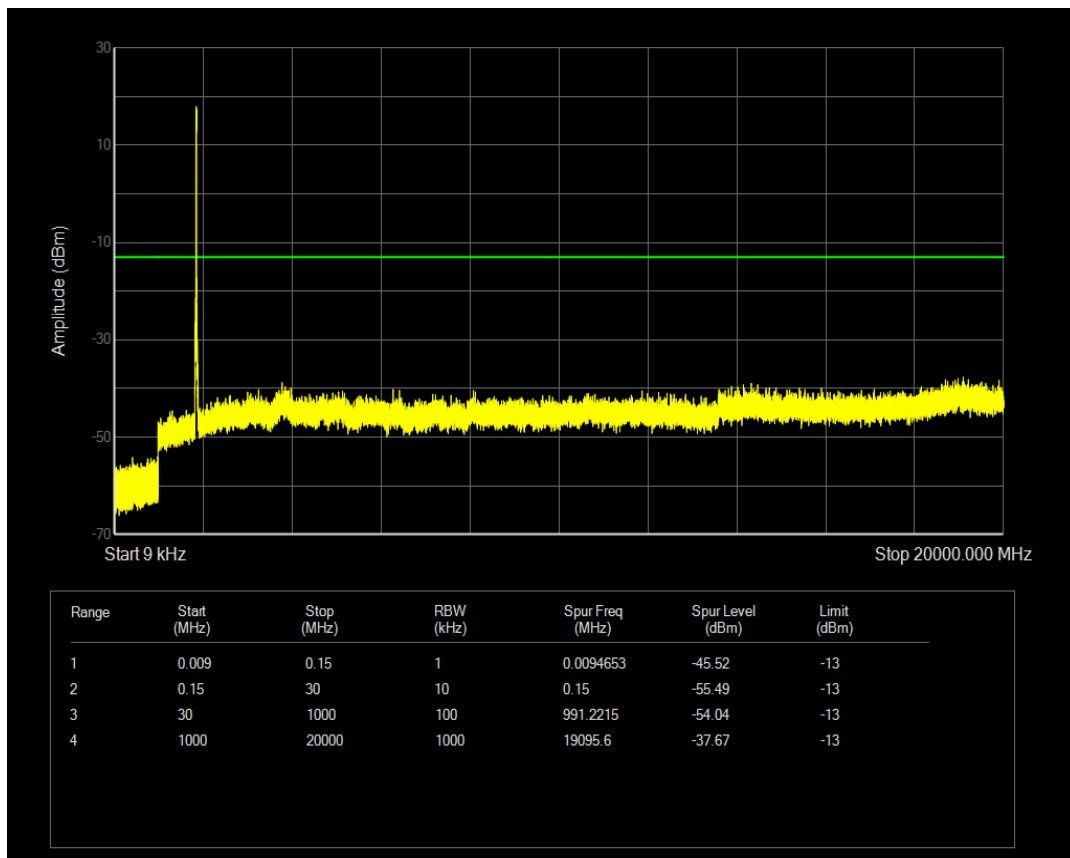
| Band  | Bandwidth (MHz) | UL Channel | RB Size | RB Position | Modulation | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) | Verdict |
|-------|-----------------|------------|---------|-------------|------------|-----------------|------------------|-------------|---------|
| Band2 | 1.4             | 18607      | 6       | #0          | QAM16      | 19101.30        | -38.03           | -13         | PASS    |
| Band2 | 1.4             | 19193      | 6       | #0          | QAM16      | 18701.35        | -38.07           | -13         | PASS    |
| Band2 | 3               | 18615      | 15      | #0          | QAM16      | 19079.93        | -37.88           | -13         | PASS    |
| Band2 | 3               | 19185      | 15      | #0          | QAM16      | 18986.83        | -37.48           | -13         | PASS    |
| Band2 | 5               | 18625      | 25      | #0          | QAM16      | 19239.05        | -37.50           | -13         | PASS    |
| Band2 | 5               | 19175      | 25      | #0          | QAM16      | 19475.13        | -37.38           | -13         | PASS    |
| Band2 | 10              | 18650      | 50      | #0          | QAM16      | 19327.40        | -37.62           | -13         | PASS    |
| Band2 | 10              | 19150      | 50      | #0          | QAM16      | 19515.03        | -38.40           | -13         | PASS    |
| Band2 | 15              | 18675      | 75      | #0          | QAM16      | 19095.60        | -37.67           | -13         | PASS    |
| Band2 | 15              | 19125      | 75      | #0          | QAM16      | 19325.03        | -37.94           | -13         | PASS    |
| Band2 | 20              | 18700      | 100     | #0          | QAM16      | 19385.35        | -37.57           | -13         | PASS    |
| Band2 | 20              | 19100      | 100     | #0          | QAM16      | 18562.65        | -37.42           | -13         | PASS    |

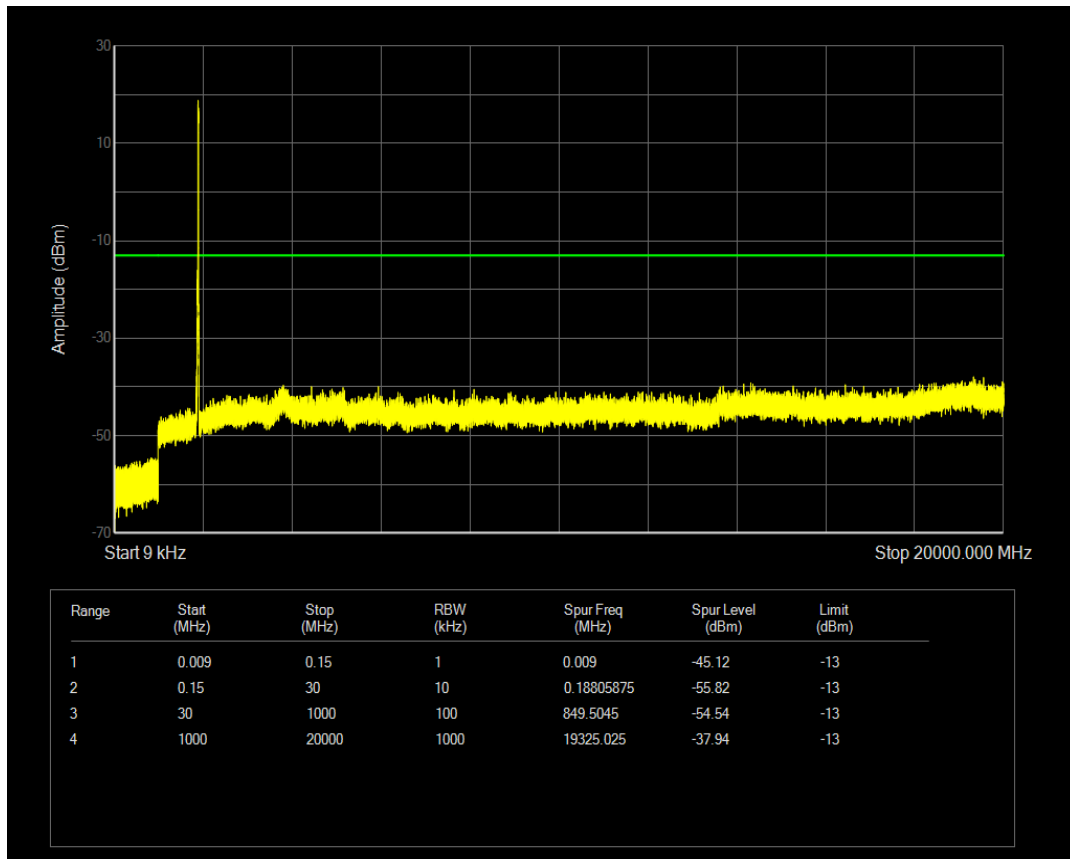
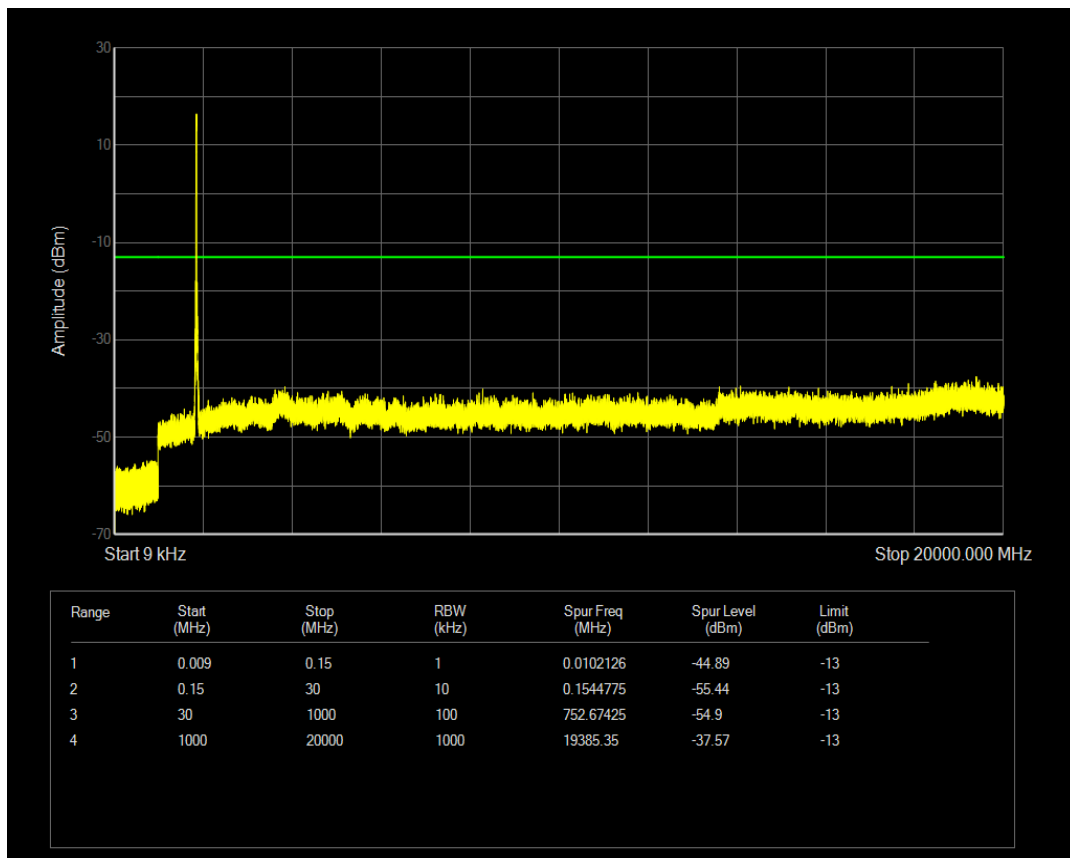
**Band2 QAM16 BW=1.4MHz Channel=18607 RB Size=6 Position=#0**

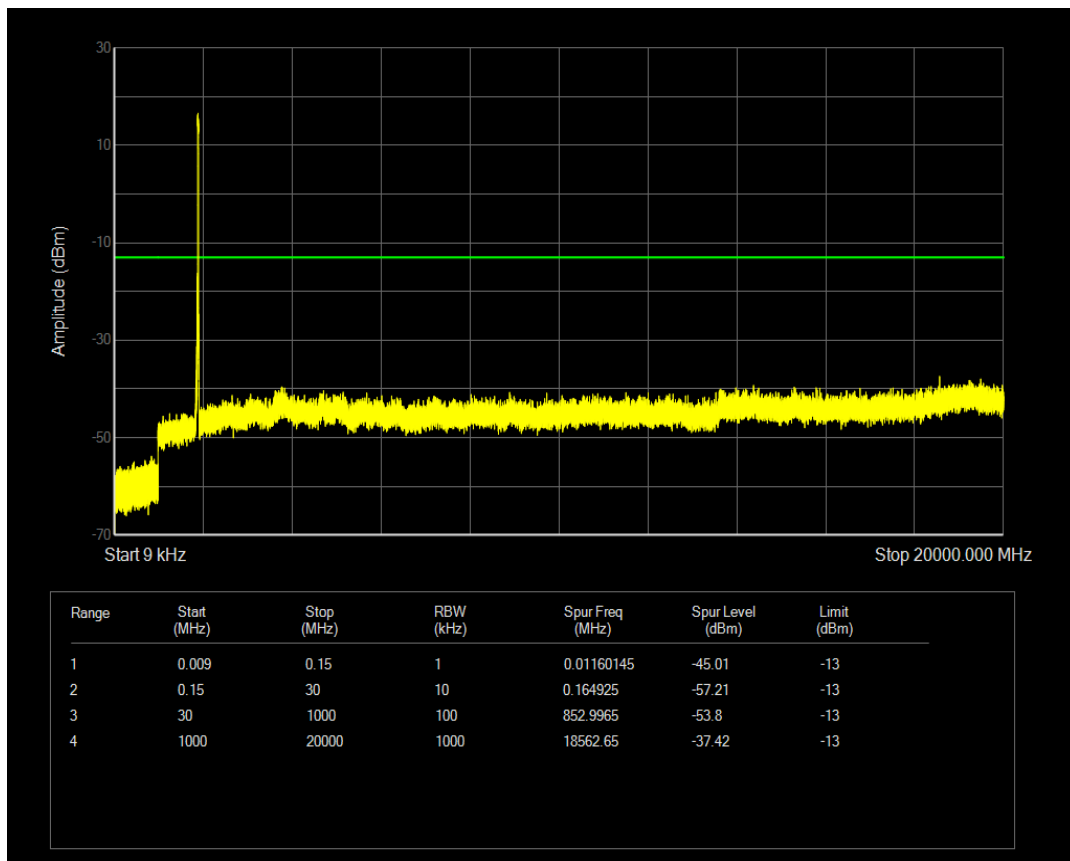
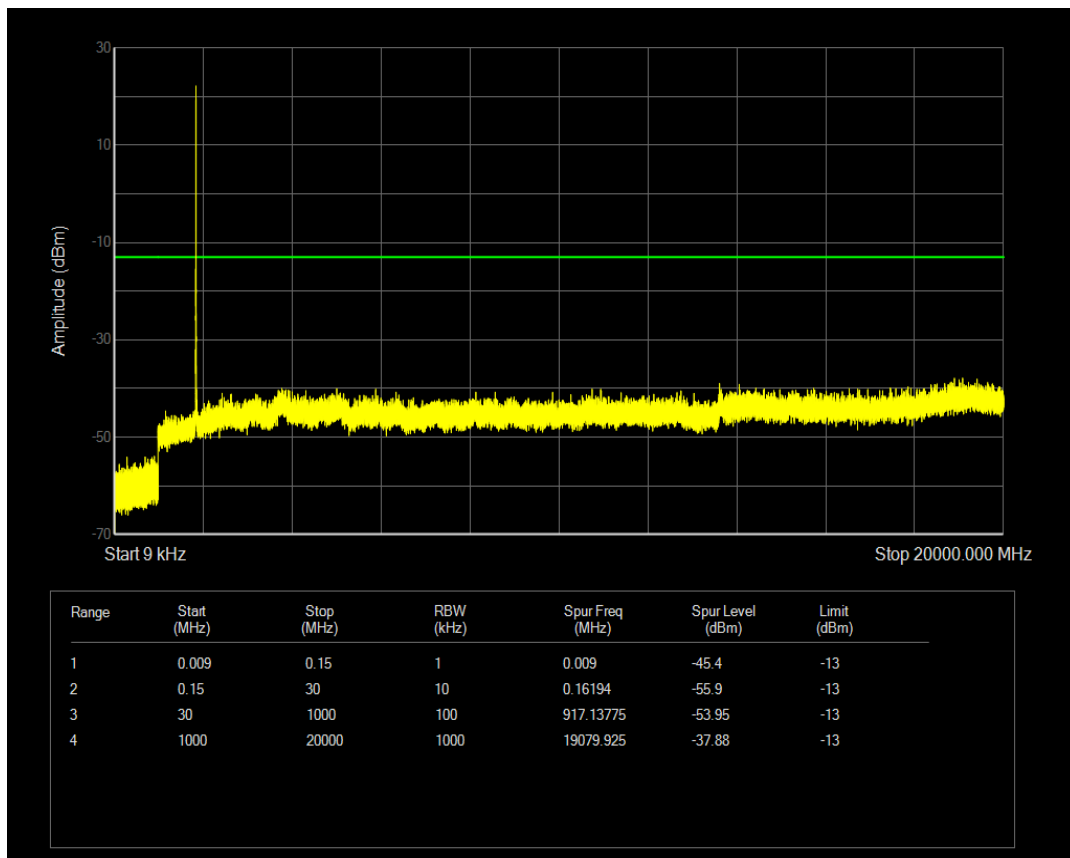


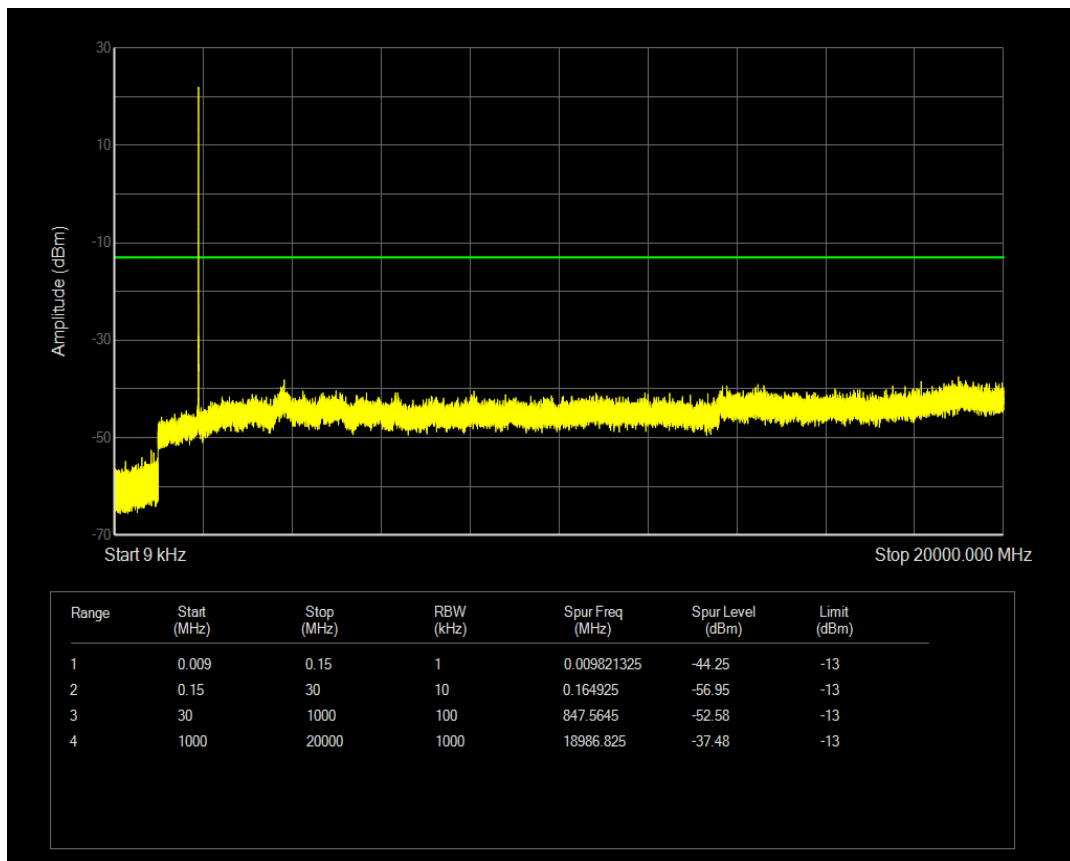
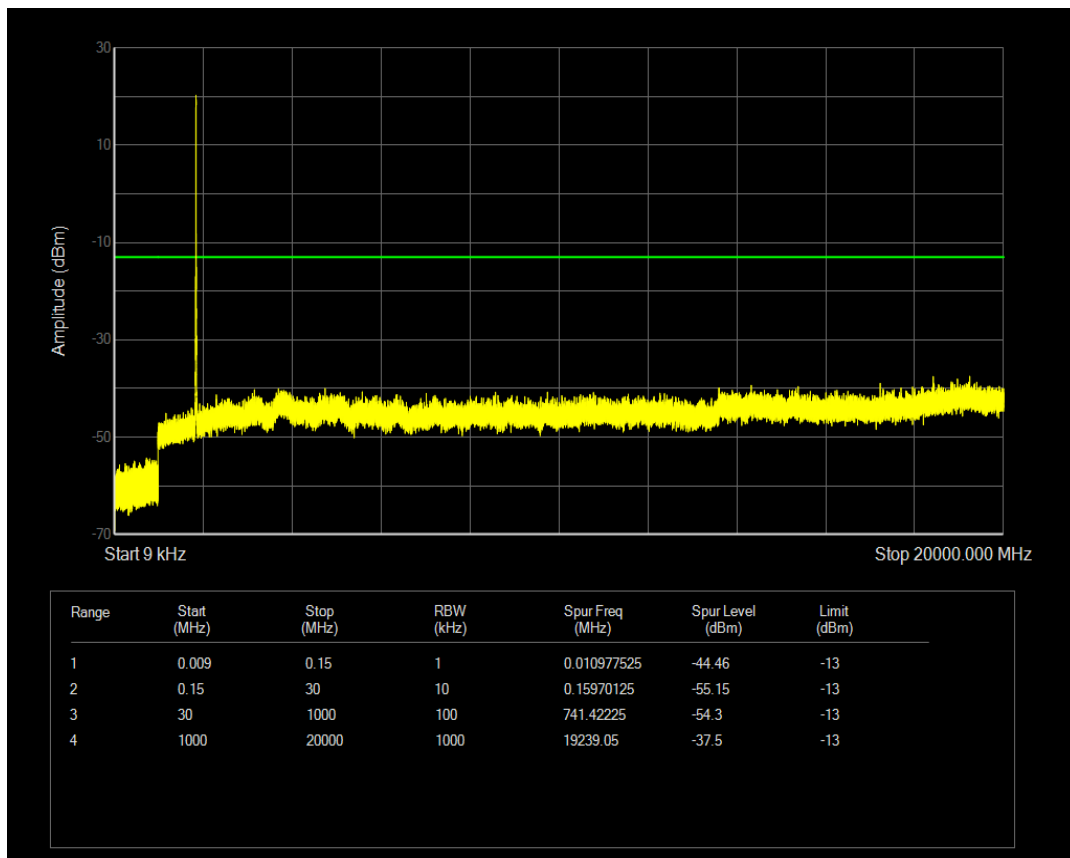
**Band2 QAM16 BW=1.4MHz Channel=19193 RB Size=6 Position=#0**

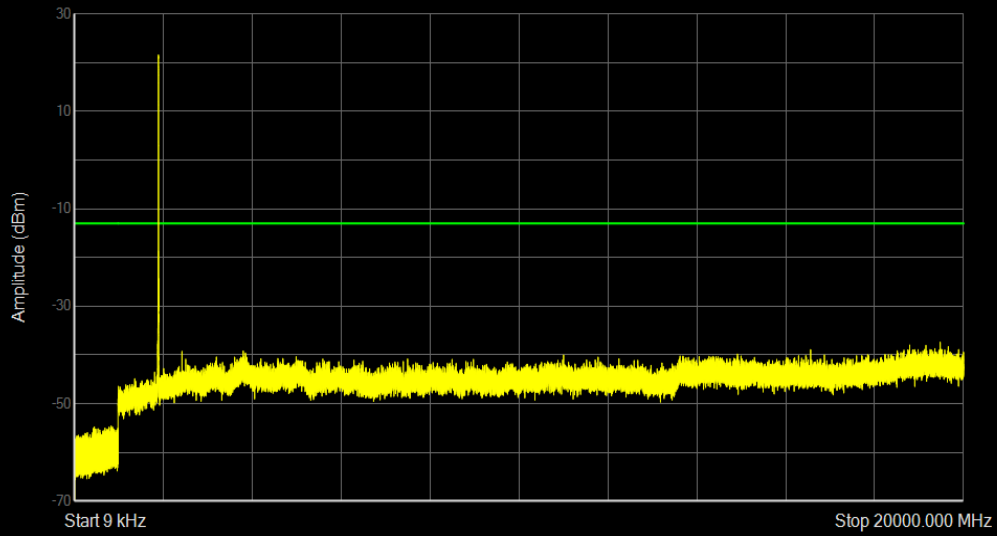
**Band2 QAM16 BW=10MHz Channel=18650 RB Size=50 Position=#0****Band2 QAM16 BW=10MHz Channel=19150 RB Size=50 Position=#0**

**Band2 QAM16 BW=15MHz Channel=18675 RB Size=75 Position=#0****Band2 QAM16 BW=15MHz Channel=19125 RB Size=75 Position=#0**

**Band2 QAM16 BW=20MHz Channel=18700 RB Size=100 Position=#0****Band2 QAM16 BW=20MHz Channel=19100 RB Size=100 Position=#0**

**Band2 QAM16 BW=3MHz Channel=18615 RB Size=15 Position=#0****Band2 QAM16 BW=3MHz Channel=19185 RB Size=15 Position=#0**

**Band2 QAM16 BW=5MHz Channel=18625 RB Size=25 Position=#0****Band2 QAM16 BW=5MHz Channel=19175 RB Size=25 Position=#0**



| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 0.009       | 0.15       | 1         | 0.01430865      | -46.16           | -13         |
| 2     | 0.15        | 30         | 10        | 0.15            | -54.95           | -13         |
| 3     | 30          | 1000       | 100       | 847.4675        | -54.6            | -13         |
| 4     | 1000        | 20000      | 1000      | 19475.125       | -37.38           | -13         |