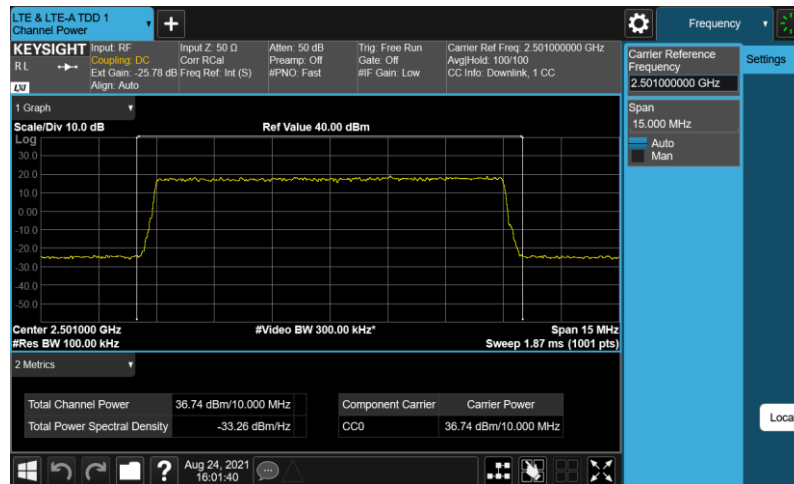


**Antenna 0:****Appendix A: Effective (Isotropic) Radiated Power Output Data****Test Result**

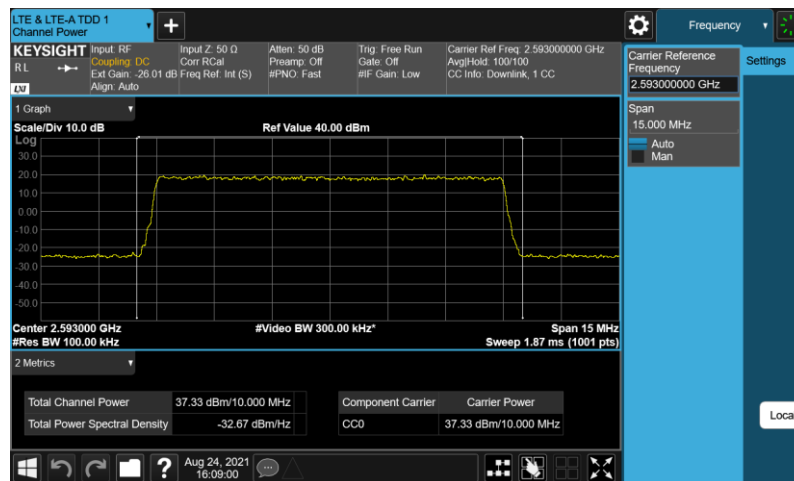
| Band   | Bandwidth | Modulation | Channel | Mode     | Power (dBm) |
|--------|-----------|------------|---------|----------|-------------|
| Band41 | 10MHz     | 256QAM     | 39700   | E-TM3.1A | 36.74       |
| Band41 | 10MHz     | 256QAM     | 40620   | E-TM3.1A | 37.33       |
| Band41 | 10MHz     | 256QAM     | 41540   | E-TM3.1A | 36.97       |
| Band41 | 10MHz     | QPSK       | 39700   | E-TM1.1  | 36.78       |
| Band41 | 10MHz     | QPSK       | 40620   | E-TM1.1  | 37.12       |
| Band41 | 10MHz     | QPSK       | 41540   | E-TM1.1  | 36.39       |
| Band41 | 20MHz     | 256QAM     | 39750   | E-TM3.1A | 36.60       |
| Band41 | 20MHz     | 256QAM     | 40620   | E-TM3.1A | 37.08       |
| Band41 | 20MHz     | 256QAM     | 41490   | E-TM3.1A | 37.37       |
| Band41 | 20MHz     | QPSK       | 39750   | E-TM1.1  | 36.71       |
| Band41 | 20MHz     | QPSK       | 40620   | E-TM1.1  | 36.97       |
| Band41 | 20MHz     | QPSK       | 41490   | E-TM1.1  | 36.80       |

## Test Graphs

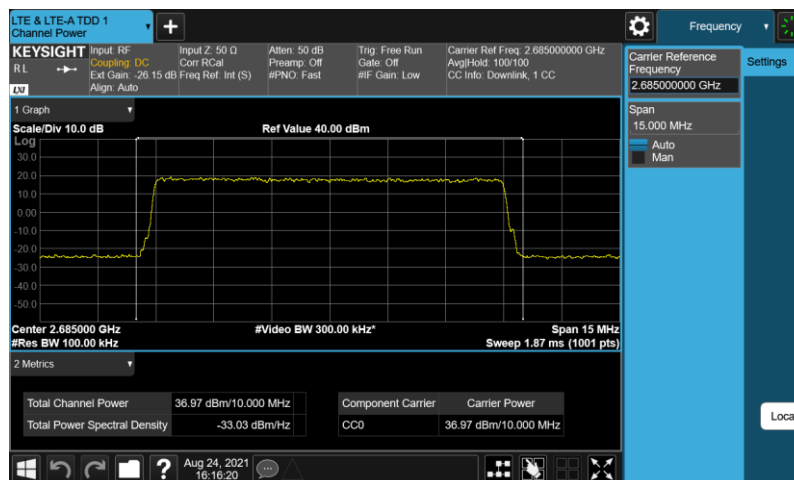
Band41-10MHz-256QAM-39700-E-TM3.1A-10



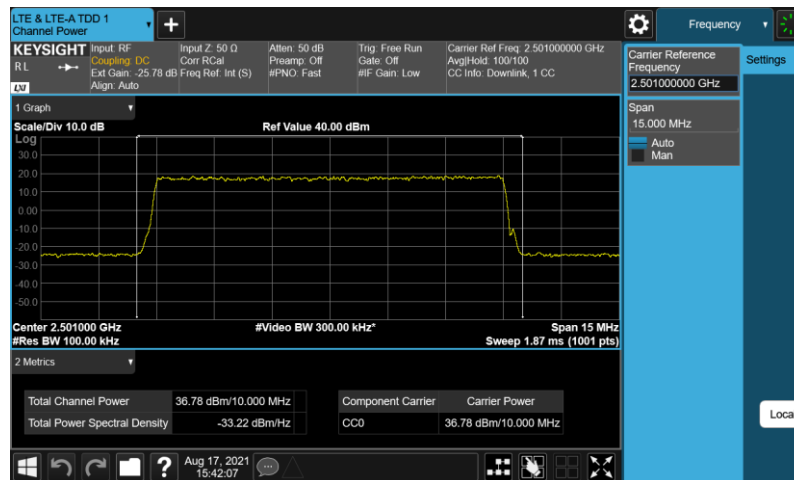
Band41-10MHz-256QAM-40620-E-TM3.1A-10



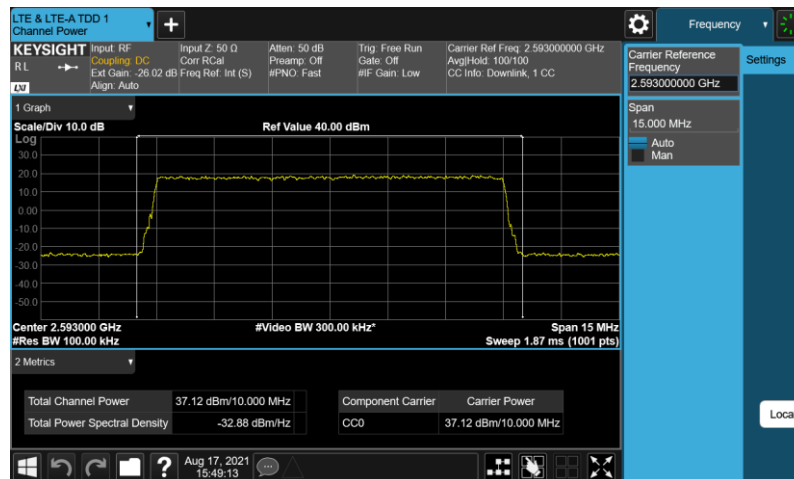
Band41-10MHz-256QAM-41540-E-TM3.1A-10



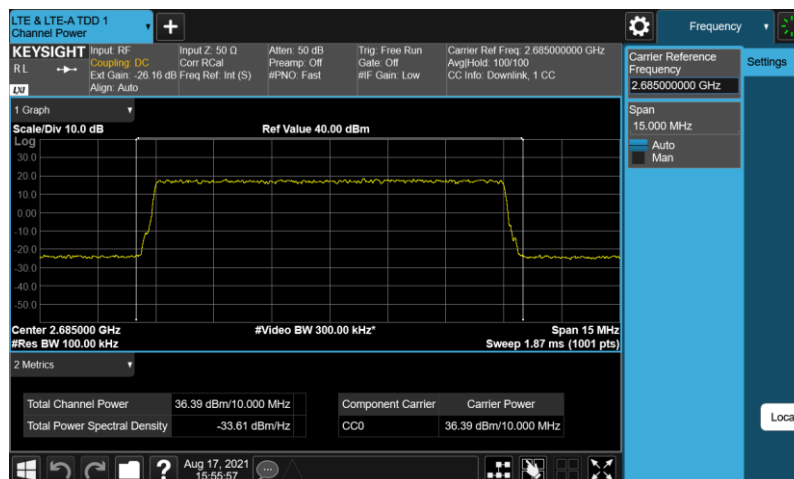
## Band41-10MHz-QPSK-39700-E-TM1.1-10



## Band41-10MHz-QPSK-40620-E-TM1.1-10



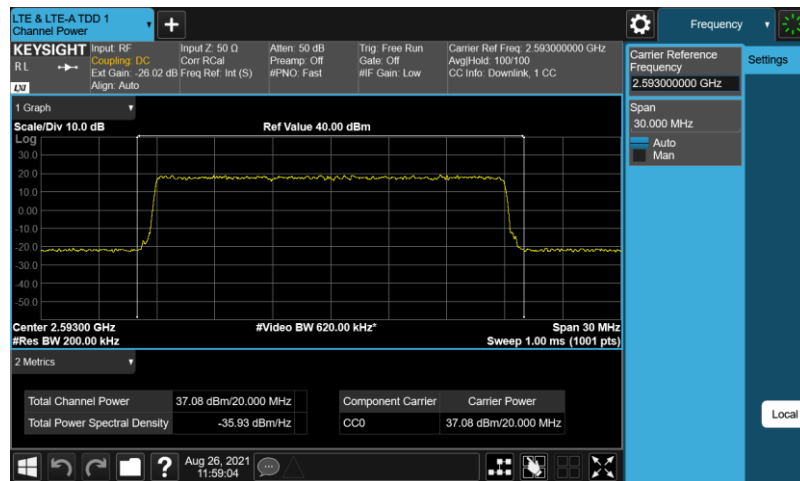
## Band41-10MHz-QPSK-41540-E-TM1.1-10



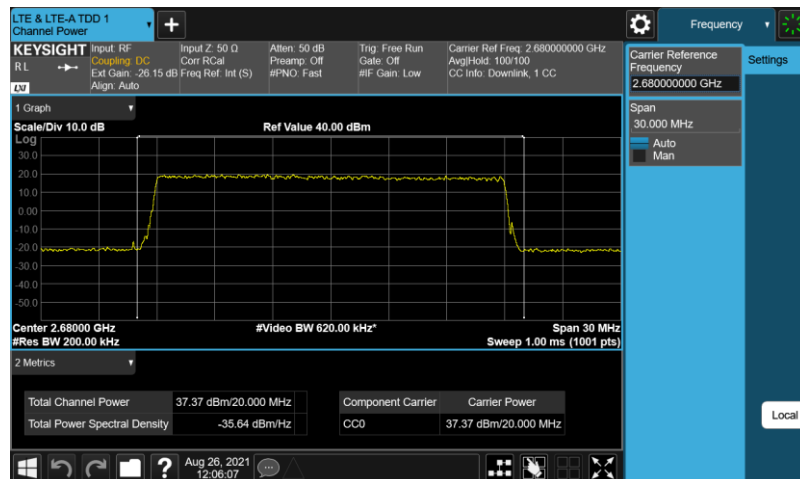
### Band41-20MHz-256QAM-39750-E-TM3.1A-20



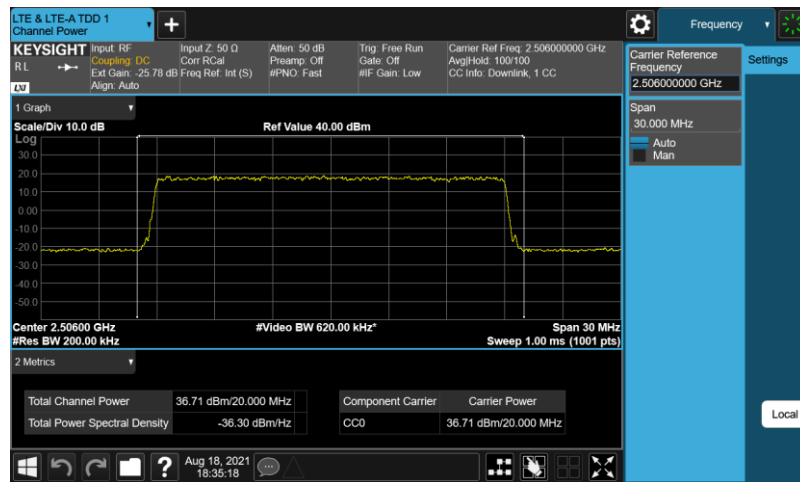
### Band41-20MHz-256QAM-40620-E-TM3.1A-20



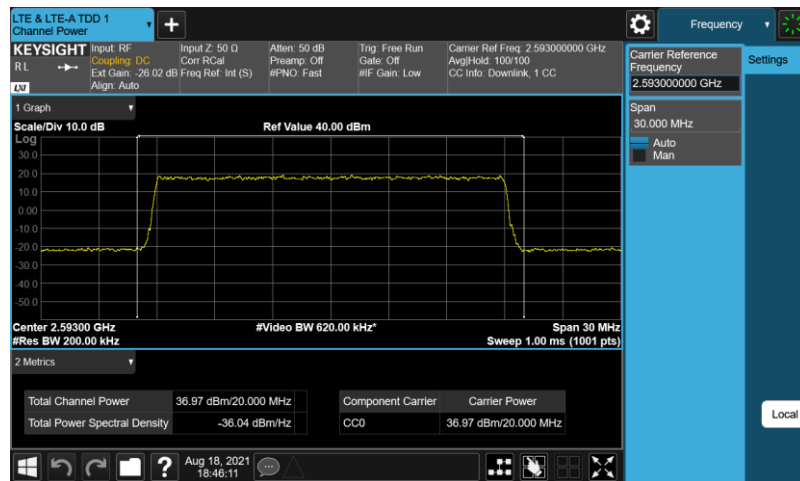
### Band41-20MHz-256QAM-41490-E-TM3.1A-20



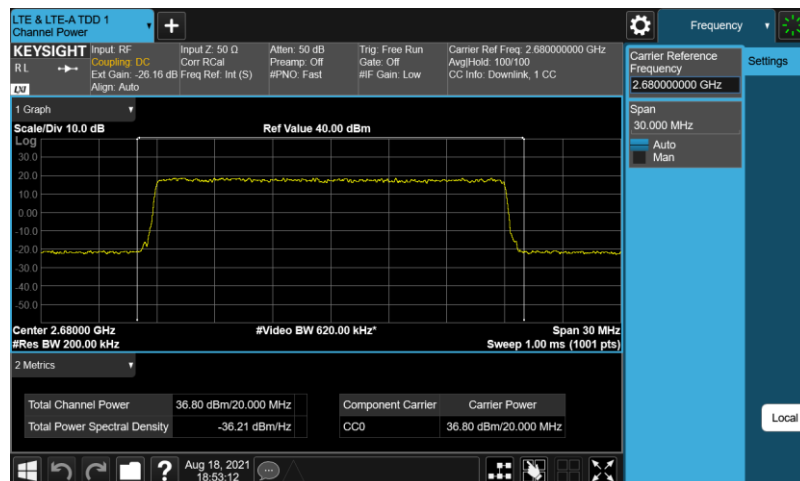
## Band41-20MHz-QPSK-39750-E-TM1.1-20



## Band41-20MHz-QPSK-40620-E-TM1.1-20



## Band41-20MHz-QPSK-41490-E-TM1.1-20



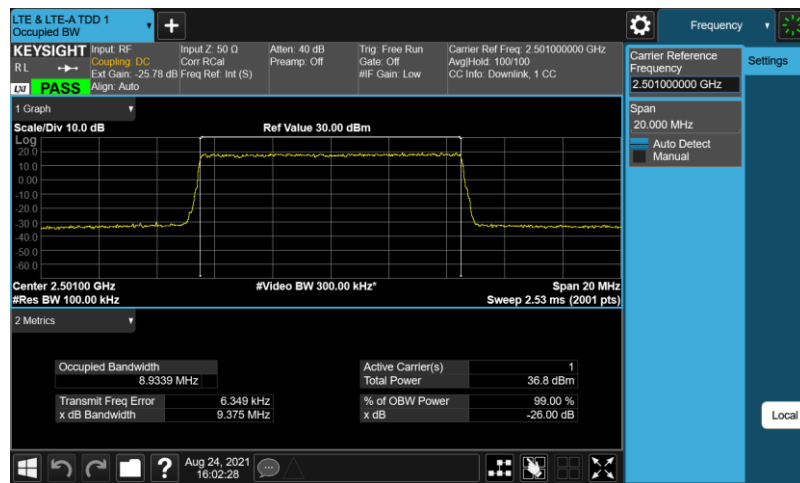
## Appendix C: 26dB Bandwidth and Occupied Bandwidth

### Test Result

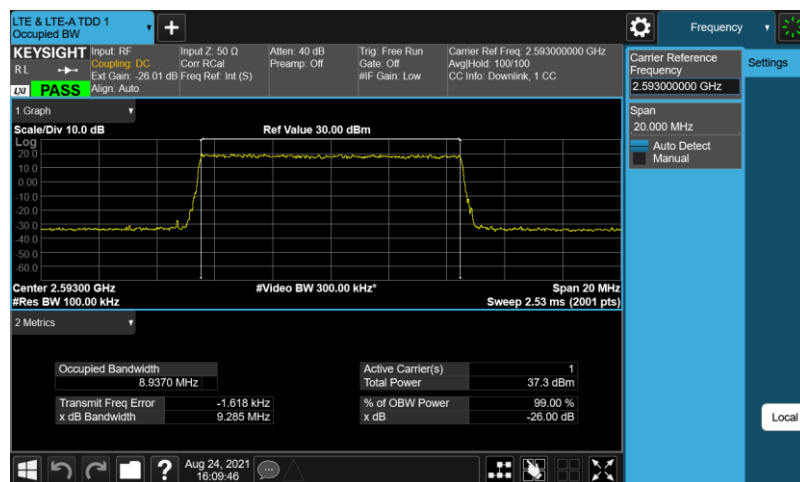
| Band   | Bandwidth | Modulation | Channel | Mode     | 99%(MHz) | EBW(MHz) |
|--------|-----------|------------|---------|----------|----------|----------|
| Band41 | 10MHz     | 256QAM     | 39700   | E-TM3.1A | 8.9339   | 9.375    |
| Band41 | 10MHz     | 256QAM     | 40620   | E-TM3.1A | 8.9370   | 9.285    |
| Band41 | 10MHz     | 256QAM     | 41540   | E-TM3.1A | 8.9439   | 9.278    |
| Band41 | 10MHz     | QPSK       | 39700   | E-TM1.1  | 8.9338   | 9.342    |
| Band41 | 10MHz     | QPSK       | 40620   | E-TM1.1  | 8.9456   | 9.363    |
| Band41 | 10MHz     | QPSK       | 41540   | E-TM1.1  | 8.9337   | 9.395    |
| Band41 | 20MHz     | 256QAM     | 39750   | E-TM3.1A | 17.816   | 18.54    |
| Band41 | 20MHz     | 256QAM     | 40620   | E-TM3.1A | 17.848   | 18.75    |
| Band41 | 20MHz     | 256QAM     | 41490   | E-TM3.1A | 17.842   | 18.64    |
| Band41 | 20MHz     | QPSK       | 39750   | E-TM1.1  | 17.842   | 18.60    |
| Band41 | 20MHz     | QPSK       | 40620   | E-TM1.1  | 17.834   | 18.66    |
| Band41 | 20MHz     | QPSK       | 41490   | E-TM1.1  | 17.849   | 18.49    |

## Test Graphs

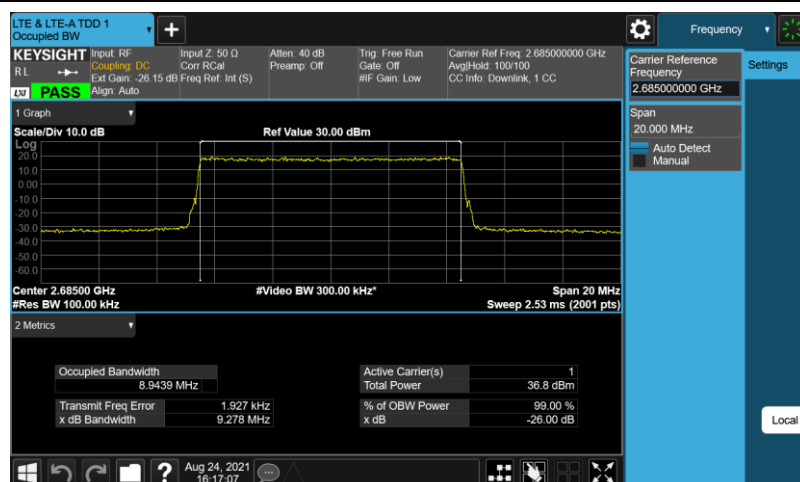
Band41-10MHz-256QAM-39700-E-TM3.1A



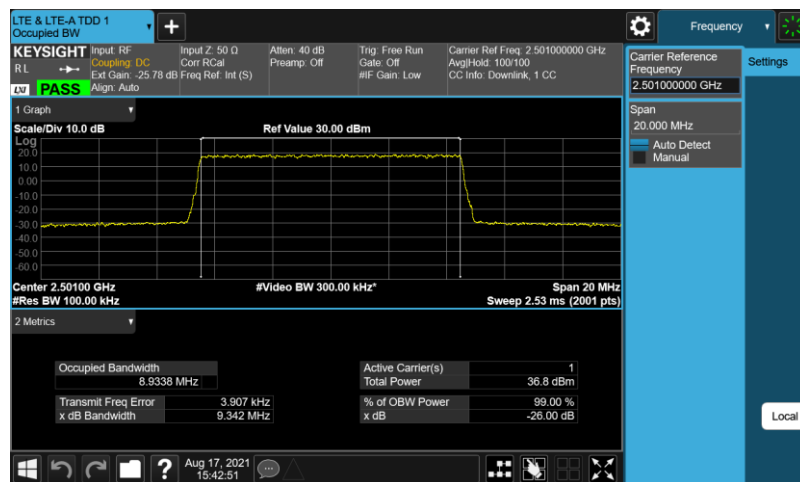
Band41-10MHz-256QAM-40620-E-TM3.1A



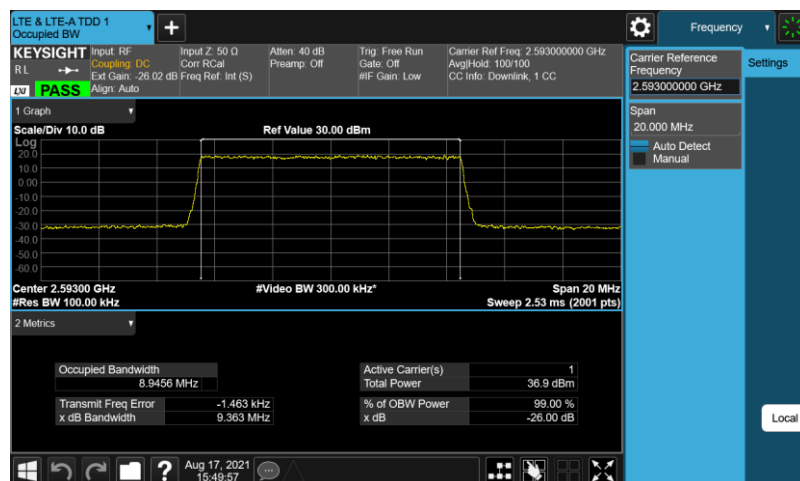
Band41-10MHz-256QAM-41540-E-TM3.1A



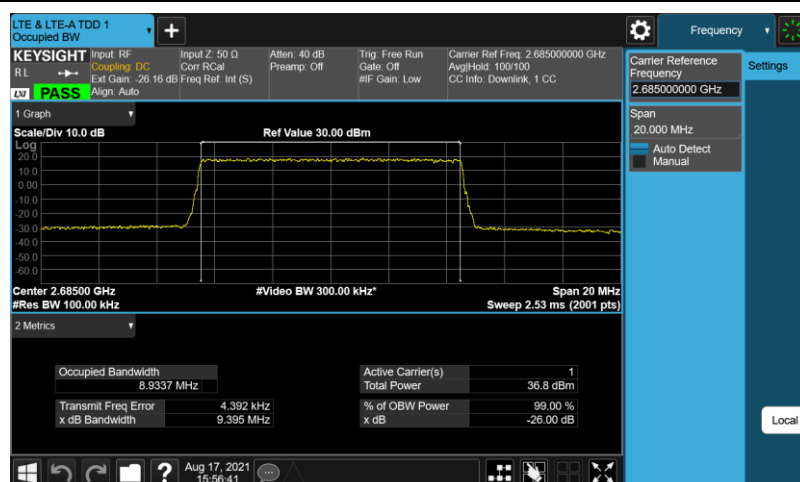
## Band41-10MHz-QPSK-39700-E-TM1.1



## Band41-10MHz-QPSK-40620-E-TM1.1

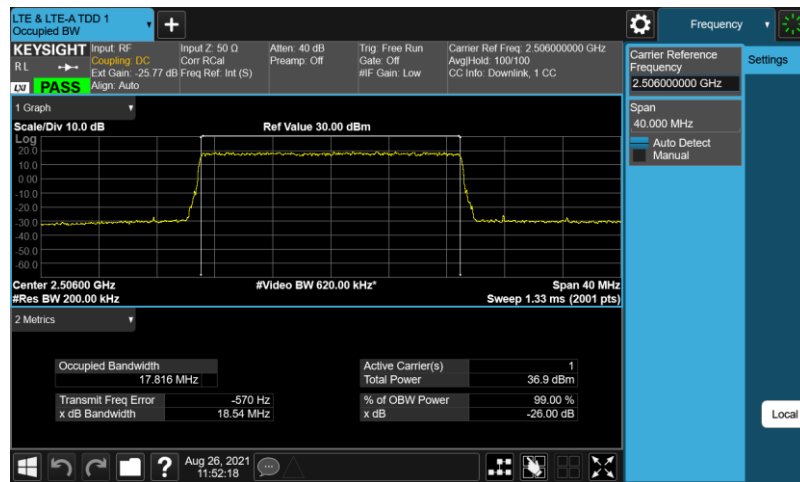


## Band41-10MHz-QPSK-41540-E-TM1.1

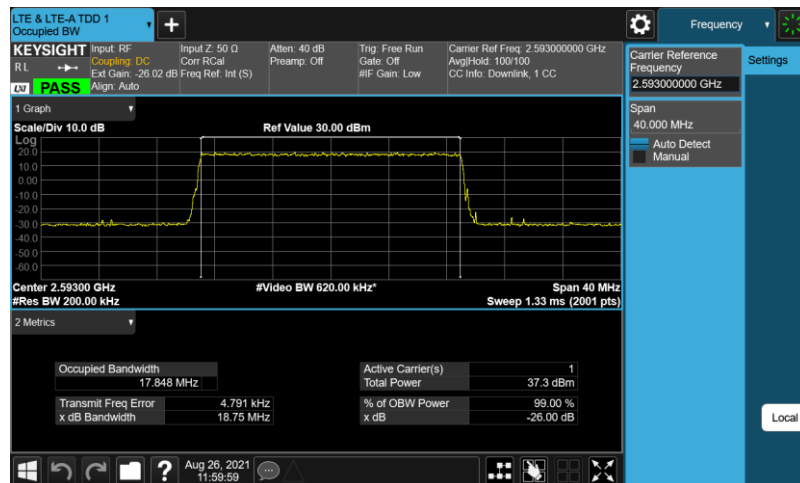




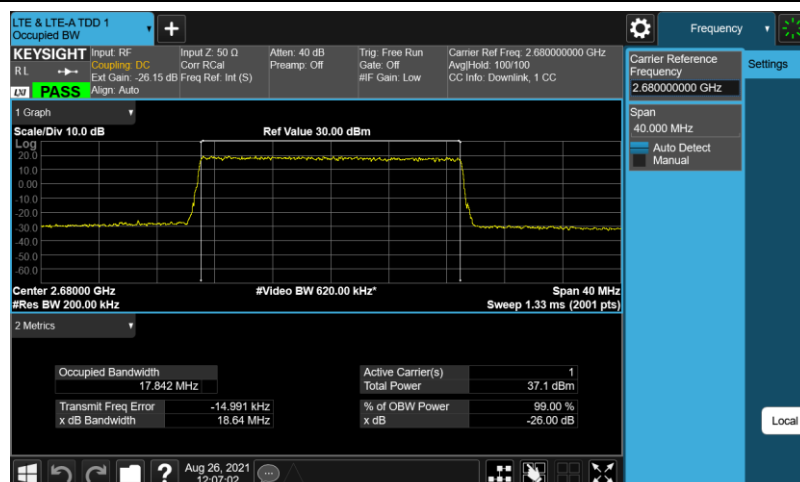
## Band41-20MHz-256QAM-39750-E-TM3.1A



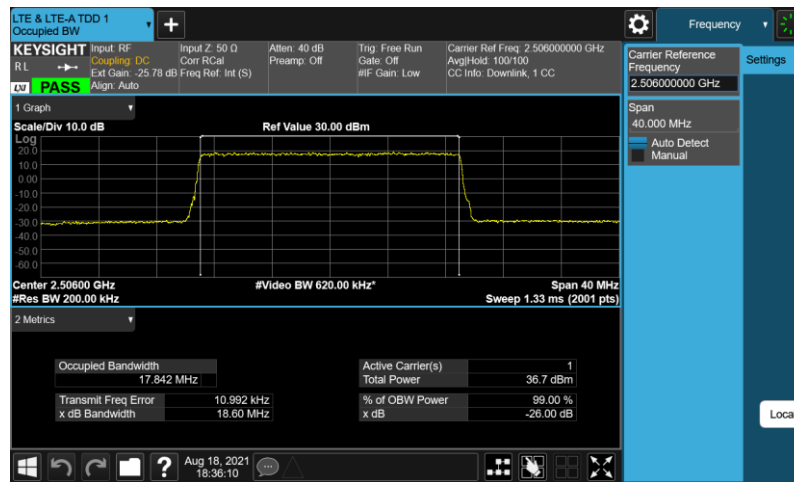
## Band41-20MHz-256QAM-40620-E-TM3.1A



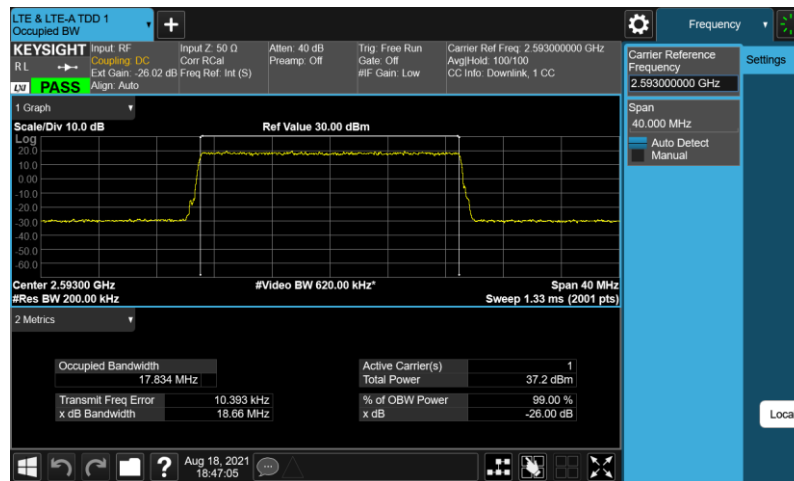
## Band41-20MHz-256QAM-41490-E-TM3.1A



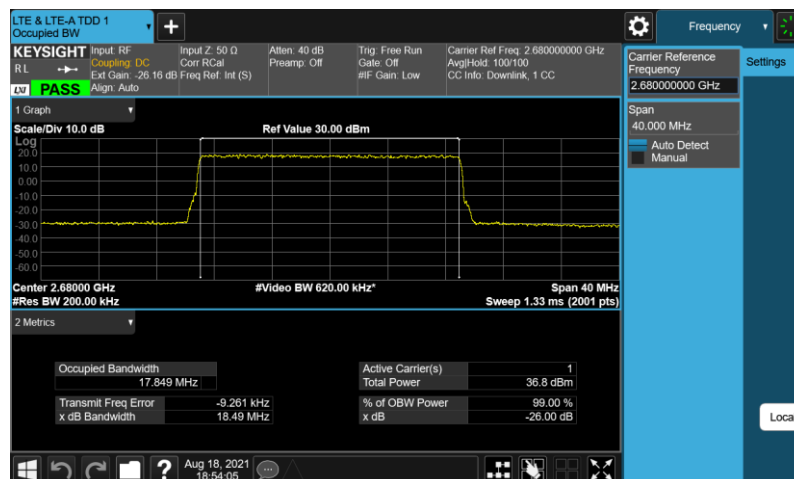
### Band41-20MHz-QPSK-39750-E-TM1.1



### Band41-20MHz-QPSK-40620-E-TM1.1



### Band41-20MHz-QPSK-41490-E-TM1.1



## Appendix D: Frequency Stability

### Test Result

| Voltage |           |            |         |          |               |                  |                |                 |                             |         |
|---------|-----------|------------|---------|----------|---------------|------------------|----------------|-----------------|-----------------------------|---------|
| Band    | Bandwidth | Modulation | Channel | Mode     | Voltage [Vac] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm)                 | Verdict |
| Band41  | 10MHz     | 256QAM     | 39700   | E-TM3.1A | 102           | 25               | 64             | 0.025590        | within the authorized bands | PASS    |
| Band41  | 10MHz     | 256QAM     | 39700   | E-TM3.1A | 120           | 25               | 65             | 0.025590        |                             | PASS    |
| Band41  | 10MHz     | 256QAM     | 39700   | E-TM3.1A | 138           | 25               | 63             | 0.025190        |                             | PASS    |
| Band41  | 10MHz     | 256QAM     | 40620   | E-TM3.1A | 102           | 25               | 75             | 0.028924        |                             | PASS    |
| Band41  | 10MHz     | 256QAM     | 40620   | E-TM3.1A | 120           | 25               | 76             | 0.029310        |                             | PASS    |
| Band41  | 10MHz     | 256QAM     | 40620   | E-TM3.1A | 138           | 25               | 76             | 0.029310        |                             | PASS    |
| Band41  | 10MHz     | 256QAM     | 41540   | E-TM3.1A | 102           | 25               | 85             | 0.031657        |                             | PASS    |
| Band41  | 10MHz     | 256QAM     | 41540   | E-TM3.1A | 120           | 25               | 84             | 0.031285        |                             | PASS    |
| Band41  | 10MHz     | 256QAM     | 41540   | E-TM3.1A | 138           | 25               | 84             | 0.031285        |                             | PASS    |
| Band41  | 10MHz     | QPSK       | 39700   | E-TM1.1  | 102           | 25               | 72             | 0.028788        | within the authorized bands | PASS    |
| Band41  | 10MHz     | QPSK       | 39700   | E-TM1.1  | 120           | 25               | 73             | 0.029188        |                             | PASS    |
| Band41  | 10MHz     | QPSK       | 39700   | E-TM1.1  | 138           | 25               | 72             | 0.028788        |                             | PASS    |
| Band41  | 10MHz     | QPSK       | 40620   | E-TM1.1  | 102           | 25               | 74             | 0.028538        |                             | PASS    |
| Band41  | 10MHz     | QPSK       | 40620   | E-TM1.1  | 120           | 25               | 76             | 0.029310        |                             | PASS    |
| Band41  | 10MHz     | QPSK       | 40620   | E-TM1.1  | 138           | 25               | 76             | 0.029310        |                             | PASS    |
| Band41  | 10MHz     | QPSK       | 41540   | E-TM1.1  | 102           | 25               | 86             | 0.032030        |                             | PASS    |
| Band41  | 10MHz     | QPSK       | 41540   | E-TM1.1  | 120           | 25               | 87             | 0.032402        |                             | PASS    |
| Band41  | 10MHz     | QPSK       | 41540   | E-TM1.1  | 138           | 25               | 85             | 0.031657        |                             | PASS    |
| Band41  | 20MHz     | 256QAM     | 39750   | E-TM3.1A | 102           | 25               | 42             | 0.016760        | within the authorized bands | PASS    |
| Band41  | 20MHz     | 256QAM     | 39750   | E-TM3.1A | 120           | 25               | 40             | 0.015962        |                             | PASS    |
| Band41  | 20MHz     | 256QAM     | 39750   | E-TM3.1A | 138           | 25               | 38             | 0.015164        |                             | PASS    |
| Band41  | 20MHz     | 256QAM     | 40620   | E-TM3.1A | 102           | 25               | 49             | 0.018897        |                             | PASS    |
| Band41  | 20MHz     | 256QAM     | 40620   | E-TM3.1A | 120           | 25               | 50             | 0.019283        |                             | PASS    |
| Band41  | 20MHz     | 256QAM     | 40620   | E-TM3.1A | 138           | 25               | 45             | 0.017354        |                             | PASS    |
| Band41  | 20MHz     | 256QAM     | 41490   | E-TM3.1A | 102           | 25               | 54             | 0.020149        |                             | PASS    |
| Band41  | 20MHz     | 256QAM     | 41490   | E-TM3.1A | 120           | 25               | 53             | 0.019776        |                             | PASS    |
| Band41  | 20MHz     | 256QAM     | 41490   | E-TM3.1A | 138           | 25               | 53             | 0.019776        |                             | PASS    |
| Band41  | 20MHz     | QPSK       | 39750   | E-TM1.1  | 102           | 25               | 52             | 0.020750        | within the authorized bands | PASS    |
| Band41  | 20MHz     | QPSK       | 39750   | E-TM1.1  | 120           | 25               | 54             | 0.021548        |                             | PASS    |
| Band41  | 20MHz     | QPSK       | 39750   | E-TM1.1  | 138           | 25               | 54             | 0.021548        |                             | PASS    |
| Band41  | 20MHz     | QPSK       | 40620   | E-TM1.1  | 102           | 25               | 58             | 0.022368        |                             | PASS    |
| Band41  | 20MHz     | QPSK       | 40620   | E-TM1.1  | 120           | 25               | 58             | 0.022368        |                             | PASS    |
| Band41  | 20MHz     | QPSK       | 40620   | E-TM1.1  | 138           | 25               | 58             | 0.022368        |                             | PASS    |

|        |       |      |       |         |     |    |    |          |  |      |
|--------|-------|------|-------|---------|-----|----|----|----------|--|------|
| Band41 | 20MHz | QPSK | 41490 | E-TM1.1 | 102 | 25 | 66 | 0.024627 |  | PASS |
| Band41 | 20MHz | QPSK | 41490 | E-TM1.1 | 120 | 25 | 67 | 0.025000 |  | PASS |
| Band41 | 20MHz | QPSK | 41490 | E-TM1.1 | 138 | 25 | 70 | 0.026119 |  | PASS |

| Voltage |           |            |         |          |               |                  |                |                 |                             |         |
|---------|-----------|------------|---------|----------|---------------|------------------|----------------|-----------------|-----------------------------|---------|
| Band    | Bandwidth | Modulation | Channel | Mode     | Voltage [Vac] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm)                 | Verdict |
| Band41  | 10MHz     | 256QAM     | 39700   | E-TM3.1A | 120           | -30              | 66             | 0.026389        | within the authorized bands | PASS    |
| Band41  | 10MHz     | 256QAM     | 39700   | E-TM3.1A | 120           | -20              | 64             | 0.025590        |                             | PASS    |
| Band41  | 10MHz     | 256QAM     | 39700   | E-TM3.1A | 120           | -10              | 65             | 0.025990        |                             | PASS    |
| Band41  | 10MHz     | 256QAM     | 39700   | E-TM3.1A | 120           | 0                | 67             | 0.026789        |                             | PASS    |
| Band41  | 10MHz     | 256QAM     | 39700   | E-TM3.1A | 120           | 10               | 64             | 0.025590        |                             | PASS    |
| Band41  | 10MHz     | 256QAM     | 39700   | E-TM3.1A | 120           | 20               | 66             | 0.026389        |                             | PASS    |
| Band41  | 10MHz     | 256QAM     | 39700   | E-TM3.1A | 120           | 30               | 68             | 0.027189        |                             | PASS    |
| Band41  | 10MHz     | 256QAM     | 39700   | E-TM3.1A | 120           | 40               | 68             | 0.027189        |                             | PASS    |
| Band41  | 10MHz     | 256QAM     | 39700   | E-TM3.1A | 120           | 50               | 66             | 0.026389        |                             | PASS    |
| Band41  | 10MHz     | 256QAM     | 40620   | E-TM3.1A | 120           | -30              | 74             | 0.028538        |                             | PASS    |
| Band41  | 10MHz     | 256QAM     | 40620   | E-TM3.1A | 120           | -20              | 78             | 0.030081        |                             | PASS    |
| Band41  | 10MHz     | 256QAM     | 40620   | E-TM3.1A | 120           | -10              | 78             | 0.030081        |                             | PASS    |
| Band41  | 10MHz     | 256QAM     | 40620   | E-TM3.1A | 120           | 0                | 76             | 0.029310        |                             | PASS    |
| Band41  | 10MHz     | 256QAM     | 40620   | E-TM3.1A | 120           | 10               | 77             | 0.029695        |                             | PASS    |
| Band41  | 10MHz     | 256QAM     | 40620   | E-TM3.1A | 120           | 20               | 79             | 0.030467        |                             | PASS    |
| Band41  | 10MHz     | 256QAM     | 40620   | E-TM3.1A | 120           | 30               | 77             | 0.029695        |                             | PASS    |
| Band41  | 10MHz     | 256QAM     | 40620   | E-TM3.1A | 120           | 40               | 82             | 0.031624        |                             | PASS    |
| Band41  | 10MHz     | 256QAM     | 40620   | E-TM3.1A | 120           | 50               | 77             | 0.029695        |                             | PASS    |
| Band41  | 10MHz     | 256QAM     | 41540   | E-TM3.1A | 120           | -30              | 85             | 0.031657        |                             | PASS    |
| Band41  | 10MHz     | 256QAM     | 41540   | E-TM3.1A | 120           | -20              | 88             | 0.032775        |                             | PASS    |
| Band41  | 10MHz     | 256QAM     | 41540   | E-TM3.1A | 120           | -10              | 87             | 0.032402        |                             | PASS    |
| Band41  | 10MHz     | 256QAM     | 41540   | E-TM3.1A | 120           | 0                | 86             | 0.032030        |                             | PASS    |
| Band41  | 10MHz     | 256QAM     | 41540   | E-TM3.1A | 120           | 10               | 86             | 0.032030        |                             | PASS    |
| Band41  | 10MHz     | 256QAM     | 41540   | E-TM3.1A | 120           | 20               | 89             | 0.033147        |                             | PASS    |
| Band41  | 10MHz     | 256QAM     | 41540   | E-TM3.1A | 120           | 30               | 88             | 0.032775        |                             | PASS    |
| Band41  | 10MHz     | 256QAM     | 41540   | E-TM3.1A | 120           | 40               | 86             | 0.032030        |                             | PASS    |
| Band41  | 10MHz     | 256QAM     | 41540   | E-TM3.1A | 120           | 50               | 89             | 0.033147        |                             | PASS    |
| Band41  | 10MHz     | QPSK       | 39700   | E-TM1.1  | 120           | -30              | 77             | 0.030788        | within the authorized bands | PASS    |
| Band41  | 10MHz     | QPSK       | 39700   | E-TM1.1  | 120           | -20              | 79             | 0.031587        |                             | PASS    |
| Band41  | 10MHz     | QPSK       | 39700   | E-TM1.1  | 120           | -10              | 81             | 0.032387        |                             | PASS    |
| Band41  | 10MHz     | QPSK       | 39700   | E-TM1.1  | 120           | 0                | 79             | 0.031587        |                             | PASS    |
| Band41  | 10MHz     | QPSK       | 39700   | E-TM1.1  | 120           | 10               | 80             | 0.031987        |                             | PASS    |
| Band41  | 10MHz     | QPSK       | 39700   | E-TM1.1  | 120           | 20               | 82             | 0.032787        |                             | PASS    |

|        |       |        |       |          |     |     |    |          |                                          |      |
|--------|-------|--------|-------|----------|-----|-----|----|----------|------------------------------------------|------|
| Band41 | 10MHz | QPSK   | 39700 | E-TM1.1  | 120 | 30  | 83 | 0.033187 |                                          | PASS |
| Band41 | 10MHz | QPSK   | 39700 | E-TM1.1  | 120 | 40  | 82 | 0.032787 |                                          | PASS |
| Band41 | 10MHz | QPSK   | 39700 | E-TM1.1  | 120 | 50  | 84 | 0.033587 |                                          | PASS |
| Band41 | 10MHz | QPSK   | 40620 | E-TM1.1  | 120 | -30 | 77 | 0.029695 |                                          | PASS |
| Band41 | 10MHz | QPSK   | 40620 | E-TM1.1  | 120 | -20 | 79 | 0.030467 |                                          | PASS |
| Band41 | 10MHz | QPSK   | 40620 | E-TM1.1  | 120 | -10 | 78 | 0.030081 |                                          | PASS |
| Band41 | 10MHz | QPSK   | 40620 | E-TM1.1  | 120 | 0   | 79 | 0.030467 |                                          | PASS |
| Band41 | 10MHz | QPSK   | 40620 | E-TM1.1  | 120 | 10  | 82 | 0.031624 |                                          | PASS |
| Band41 | 10MHz | QPSK   | 40620 | E-TM1.1  | 120 | 20  | 79 | 0.030467 |                                          | PASS |
| Band41 | 10MHz | QPSK   | 40620 | E-TM1.1  | 120 | 30  | 80 | 0.030852 |                                          | PASS |
| Band41 | 10MHz | QPSK   | 40620 | E-TM1.1  | 120 | 40  | 84 | 0.032395 |                                          | PASS |
| Band41 | 10MHz | QPSK   | 40620 | E-TM1.1  | 120 | 50  | 81 | 0.031238 |                                          | PASS |
| Band41 | 10MHz | QPSK   | 41540 | E-TM1.1  | 120 | -30 | 77 | 0.028678 |                                          | PASS |
| Band41 | 10MHz | QPSK   | 41540 | E-TM1.1  | 120 | -20 | 74 | 0.027561 |                                          | PASS |
| Band41 | 10MHz | QPSK   | 41540 | E-TM1.1  | 120 | -10 | 79 | 0.029423 |                                          | PASS |
| Band41 | 10MHz | QPSK   | 41540 | E-TM1.1  | 120 | 0   | 78 | 0.029050 |                                          | PASS |
| Band41 | 10MHz | QPSK   | 41540 | E-TM1.1  | 120 | 10  | 76 | 0.028305 |                                          | PASS |
| Band41 | 10MHz | QPSK   | 41540 | E-TM1.1  | 120 | 20  | 77 | 0.028678 |                                          | PASS |
| Band41 | 10MHz | QPSK   | 41540 | E-TM1.1  | 120 | 30  | 78 | 0.029050 |                                          | PASS |
| Band41 | 10MHz | QPSK   | 41540 | E-TM1.1  | 120 | 40  | 80 | 0.029795 |                                          | PASS |
| Band41 | 10MHz | QPSK   | 41540 | E-TM1.1  | 120 | 50  | 81 | 0.030168 |                                          | PASS |
| Band41 | 20MHz | 256QAM | 39750 | E-TM3.1A | 120 | -30 | 39 | 0.015563 | within<br>the<br>authori<br>zed<br>bands | PASS |
| Band41 | 20MHz | 256QAM | 39750 | E-TM3.1A | 120 | -20 | 41 | 0.016361 |                                          | PASS |
| Band41 | 20MHz | 256QAM | 39750 | E-TM3.1A | 120 | -10 | 45 | 0.017957 |                                          | PASS |
| Band41 | 20MHz | 256QAM | 39750 | E-TM3.1A | 120 | 0   | 40 | 0.015962 |                                          | PASS |
| Band41 | 20MHz | 256QAM | 39750 | E-TM3.1A | 120 | 10  | 41 | 0.016361 |                                          | PASS |
| Band41 | 20MHz | 256QAM | 39750 | E-TM3.1A | 120 | 20  | 43 | 0.017159 |                                          | PASS |
| Band41 | 20MHz | 256QAM | 39750 | E-TM3.1A | 120 | 30  | 43 | 0.017159 |                                          | PASS |
| Band41 | 20MHz | 256QAM | 39750 | E-TM3.1A | 120 | 40  | 43 | 0.017159 |                                          | PASS |
| Band41 | 20MHz | 256QAM | 39750 | E-TM3.1A | 120 | 50  | 41 | 0.016361 |                                          | PASS |
| Band41 | 20MHz | 256QAM | 40620 | E-TM3.1A | 120 | -30 | 49 | 0.018897 |                                          | PASS |
| Band41 | 20MHz | 256QAM | 40620 | E-TM3.1A | 120 | -20 | 46 | 0.017740 |                                          | PASS |
| Band41 | 20MHz | 256QAM | 40620 | E-TM3.1A | 120 | -10 | 52 | 0.020054 |                                          | PASS |
| Band41 | 20MHz | 256QAM | 40620 | E-TM3.1A | 120 | 0   | 48 | 0.018511 |                                          | PASS |
| Band41 | 20MHz | 256QAM | 40620 | E-TM3.1A | 120 | 10  | 51 | 0.019668 |                                          | PASS |
| Band41 | 20MHz | 256QAM | 40620 | E-TM3.1A | 120 | 20  | 52 | 0.020054 |                                          | PASS |
| Band41 | 20MHz | 256QAM | 40620 | E-TM3.1A | 120 | 30  | 54 | 0.020825 |                                          | PASS |
| Band41 | 20MHz | 256QAM | 40620 | E-TM3.1A | 120 | 40  | 51 | 0.019668 |                                          | PASS |
| Band41 | 20MHz | 256QAM | 40620 | E-TM3.1A | 120 | 50  | 52 | 0.020054 |                                          | PASS |
| Band41 | 20MHz | 256QAM | 41490 | E-TM3.1A | 120 | -30 | 53 | 0.019776 |                                          | PASS |

|        |       |        |       |          |     |     |    |          |                                          |      |
|--------|-------|--------|-------|----------|-----|-----|----|----------|------------------------------------------|------|
| Band41 | 20MHz | 256QAM | 41490 | E-TM3.1A | 120 | -20 | 53 | 0.019776 |                                          | PASS |
| Band41 | 20MHz | 256QAM | 41490 | E-TM3.1A | 120 | -10 | 54 | 0.020149 |                                          | PASS |
| Band41 | 20MHz | 256QAM | 41490 | E-TM3.1A | 120 | 0   | 51 | 0.019030 |                                          | PASS |
| Band41 | 20MHz | 256QAM | 41490 | E-TM3.1A | 120 | 10  | 54 | 0.020149 |                                          | PASS |
| Band41 | 20MHz | 256QAM | 41490 | E-TM3.1A | 120 | 20  | 53 | 0.019776 |                                          | PASS |
| Band41 | 20MHz | 256QAM | 41490 | E-TM3.1A | 120 | 30  | 54 | 0.020149 |                                          | PASS |
| Band41 | 20MHz | 256QAM | 41490 | E-TM3.1A | 120 | 40  | 55 | 0.020522 |                                          | PASS |
| Band41 | 20MHz | 256QAM | 41490 | E-TM3.1A | 120 | 50  | 56 | 0.020896 |                                          | PASS |
| Band41 | 20MHz | QPSK   | 39750 | E-TM1.1  | 120 | -30 | 53 | 0.021149 | within<br>the<br>authori<br>zed<br>bands | PASS |
| Band41 | 20MHz | QPSK   | 39750 | E-TM1.1  | 120 | -20 | 50 | 0.019952 |                                          | PASS |
| Band41 | 20MHz | QPSK   | 39750 | E-TM1.1  | 120 | -10 | 51 | 0.020351 |                                          | PASS |
| Band41 | 20MHz | QPSK   | 39750 | E-TM1.1  | 120 | 0   | 52 | 0.020750 |                                          | PASS |
| Band41 | 20MHz | QPSK   | 39750 | E-TM1.1  | 120 | 10  | 53 | 0.021149 |                                          | PASS |
| Band41 | 20MHz | QPSK   | 39750 | E-TM1.1  | 120 | 20  | 52 | 0.020750 |                                          | PASS |
| Band41 | 20MHz | QPSK   | 39750 | E-TM1.1  | 120 | 30  | 51 | 0.020351 |                                          | PASS |
| Band41 | 20MHz | QPSK   | 39750 | E-TM1.1  | 120 | 40  | 53 | 0.021149 |                                          | PASS |
| Band41 | 20MHz | QPSK   | 39750 | E-TM1.1  | 120 | 50  | 52 | 0.020750 |                                          | PASS |
| Band41 | 20MHz | QPSK   | 40620 | E-TM1.1  | 120 | -30 | 58 | 0.022368 |                                          | PASS |
| Band41 | 20MHz | QPSK   | 40620 | E-TM1.1  | 120 | -20 | 56 | 0.021597 |                                          | PASS |
| Band41 | 20MHz | QPSK   | 40620 | E-TM1.1  | 120 | -10 | 55 | 0.021211 |                                          | PASS |
| Band41 | 20MHz | QPSK   | 40620 | E-TM1.1  | 120 | 0   | 55 | 0.021211 |                                          | PASS |
| Band41 | 20MHz | QPSK   | 40620 | E-TM1.1  | 120 | 10  | 53 | 0.020440 |                                          | PASS |
| Band41 | 20MHz | QPSK   | 40620 | E-TM1.1  | 120 | 20  | 57 | 0.021982 |                                          | PASS |
| Band41 | 20MHz | QPSK   | 40620 | E-TM1.1  | 120 | 30  | 57 | 0.021982 |                                          | PASS |
| Band41 | 20MHz | QPSK   | 40620 | E-TM1.1  | 120 | 40  | 56 | 0.021597 |                                          | PASS |
| Band41 | 20MHz | QPSK   | 40620 | E-TM1.1  | 120 | 50  | 59 | 0.022754 |                                          | PASS |
| Band41 | 20MHz | QPSK   | 41490 | E-TM1.1  | 120 | -30 | 71 | 0.026493 |                                          | PASS |
| Band41 | 20MHz | QPSK   | 41490 | E-TM1.1  | 120 | -20 | 70 | 0.026119 |                                          | PASS |
| Band41 | 20MHz | QPSK   | 41490 | E-TM1.1  | 120 | -10 | 70 | 0.026119 |                                          | PASS |
| Band41 | 20MHz | QPSK   | 41490 | E-TM1.1  | 120 | 0   | 71 | 0.026493 |                                          | PASS |
| Band41 | 20MHz | QPSK   | 41490 | E-TM1.1  | 120 | 10  | 72 | 0.026866 |                                          | PASS |
| Band41 | 20MHz | QPSK   | 41490 | E-TM1.1  | 120 | 20  | 73 | 0.027239 |                                          | PASS |
| Band41 | 20MHz | QPSK   | 41490 | E-TM1.1  | 120 | 30  | 71 | 0.026493 |                                          | PASS |
| Band41 | 20MHz | QPSK   | 41490 | E-TM1.1  | 120 | 40  | 75 | 0.027985 |                                          | PASS |
| Band41 | 20MHz | QPSK   | 41490 | E-TM1.1  | 120 | 50  | 73 | 0.027239 |                                          | PASS |

## Appendix E: Peak-to-Average Ratio(CCDF)

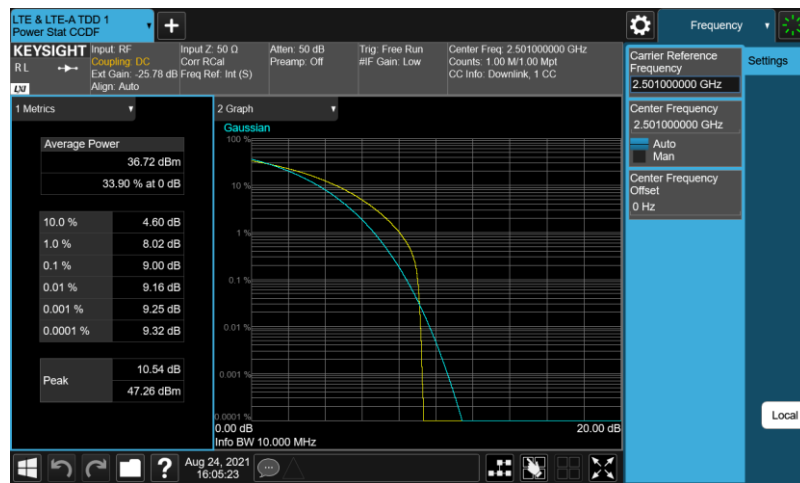
### Test Result

| Band   | Bandwidth | Modulation | Channel | Mode     | Result(dBm) |
|--------|-----------|------------|---------|----------|-------------|
| Band41 | 10MHz     | 256QAM     | 39700   | E-TM3.1A | 9.00        |
| Band41 | 10MHz     | 256QAM     | 40620   | E-TM3.1A | 9.01        |
| Band41 | 10MHz     | 256QAM     | 41540   | E-TM3.1A | 8.96        |
| Band41 | 10MHz     | QPSK       | 39700   | E-TM1.1  | 9.02        |
| Band41 | 10MHz     | QPSK       | 40620   | E-TM1.1  | 8.87        |
| Band41 | 10MHz     | QPSK       | 41540   | E-TM1.1  | 8.99        |
| Band41 | 20MHz     | 256QAM     | 39750   | E-TM3.1A | 9.09        |
| Band41 | 20MHz     | 256QAM     | 40620   | E-TM3.1A | 9.08        |
| Band41 | 20MHz     | 256QAM     | 41490   | E-TM3.1A | 9.43        |
| Band41 | 20MHz     | QPSK       | 39750   | E-TM1.1  | 9.07        |
| Band41 | 20MHz     | QPSK       | 40620   | E-TM1.1  | 8.77        |
| Band41 | 20MHz     | QPSK       | 41490   | E-TM1.1  | 8.94        |

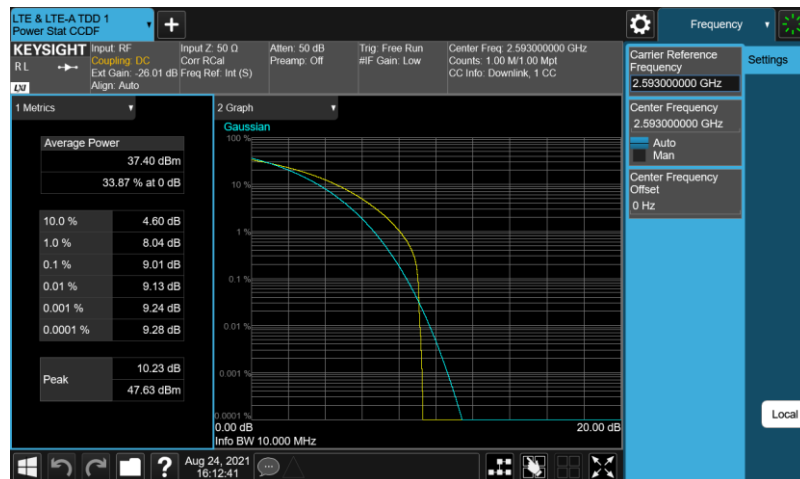


## Test Graphs

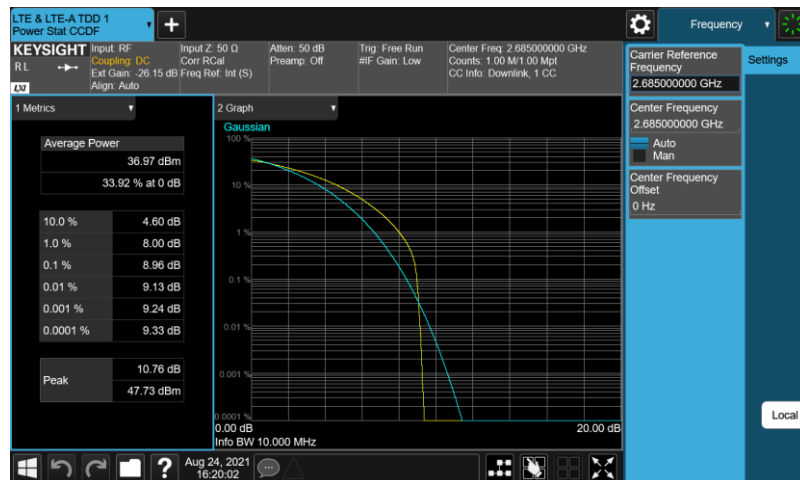
Band41-10MHz-256QAM-39700-E-TM3.1A



Band41-10MHz-256QAM-40620-E-TM3.1A

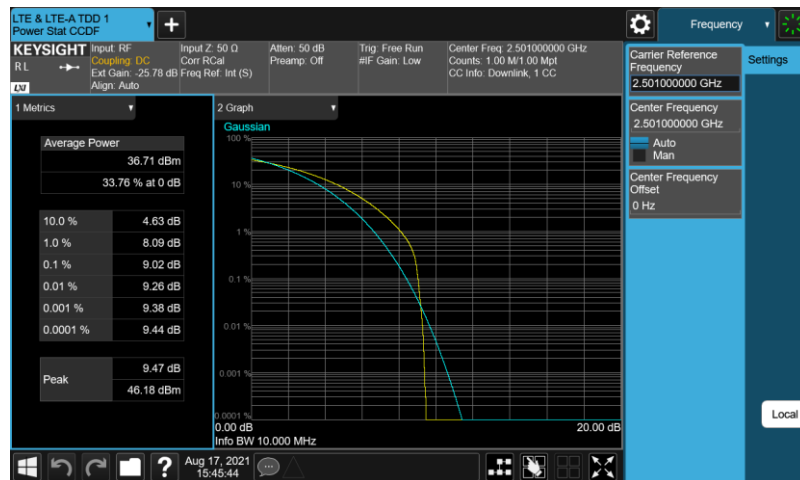


Band41-10MHz-256QAM-41540-E-TM3.1A

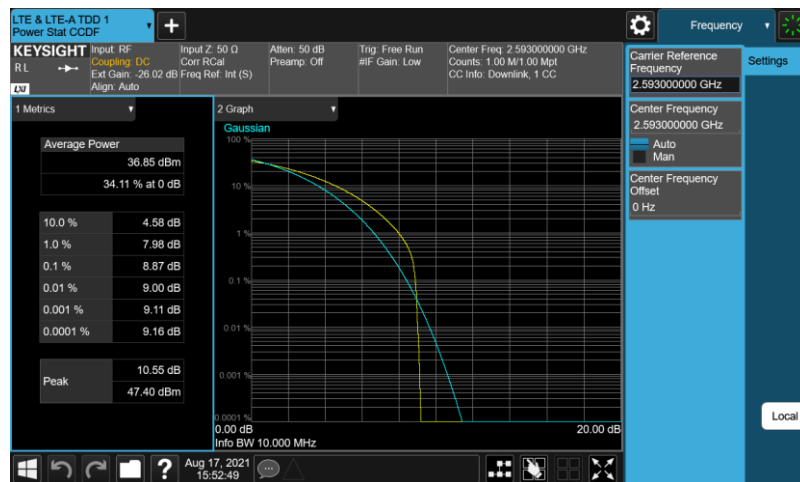




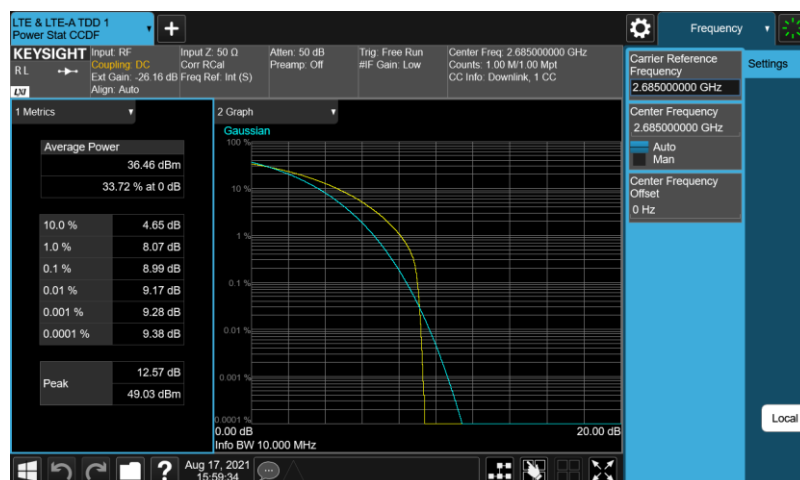
## Band41-10MHz-QPSK-39700-E-TM1.1



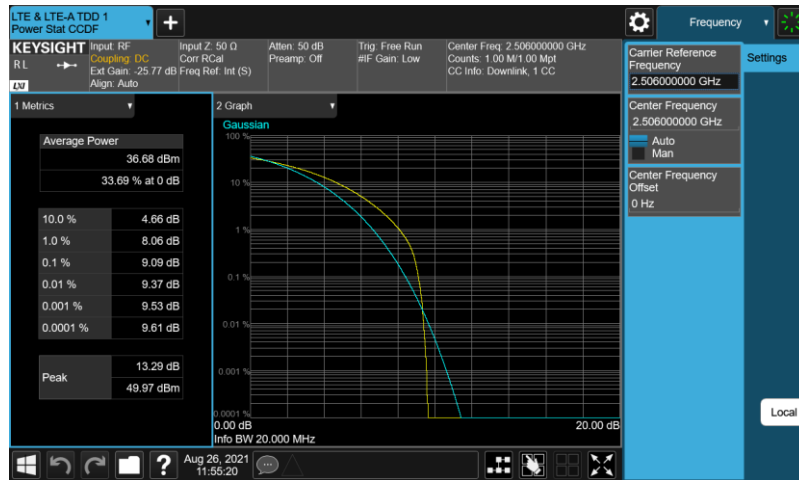
## Band41-10MHz-QPSK-40620-E-TM1.1



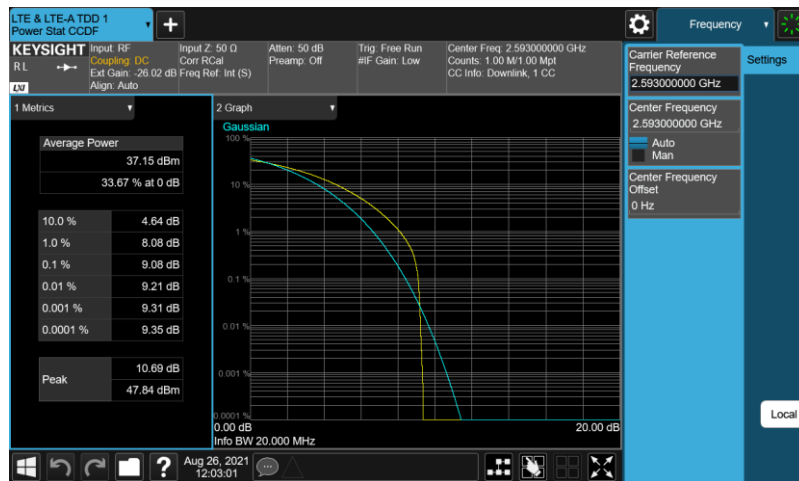
## Band41-10MHz-QPSK-41540-E-TM1.1



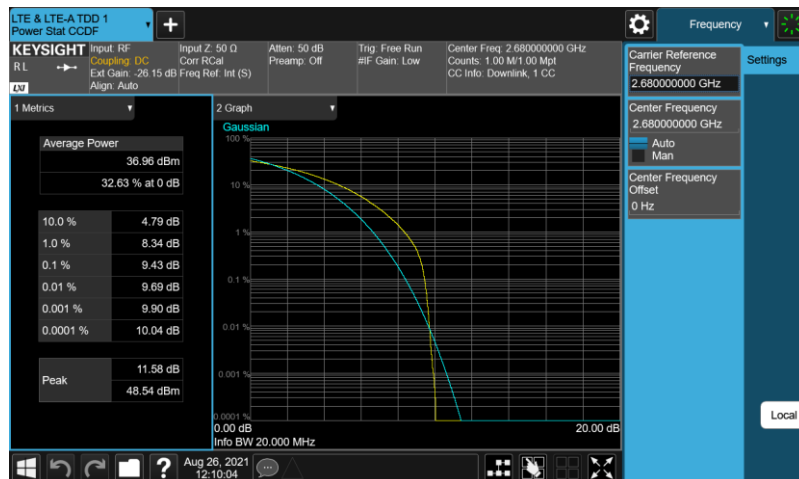
## Band41-20MHz-256QAM-39750-E-TM3.1A



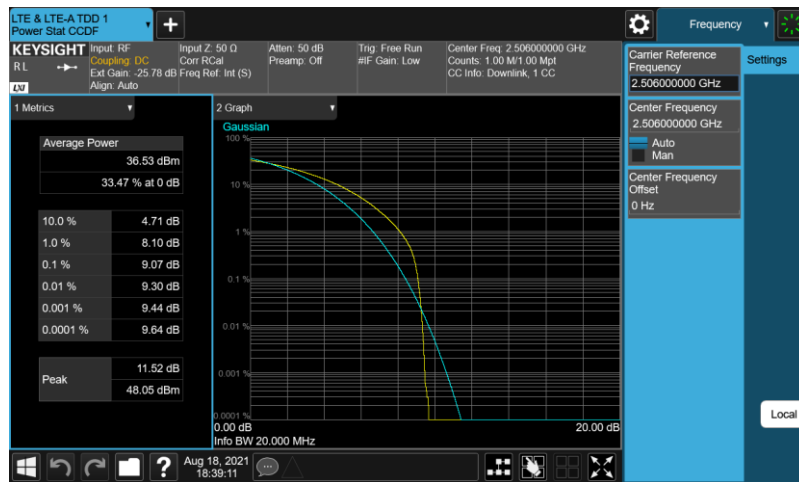
## Band41-20MHz-256QAM-40620-E-TM3.1A



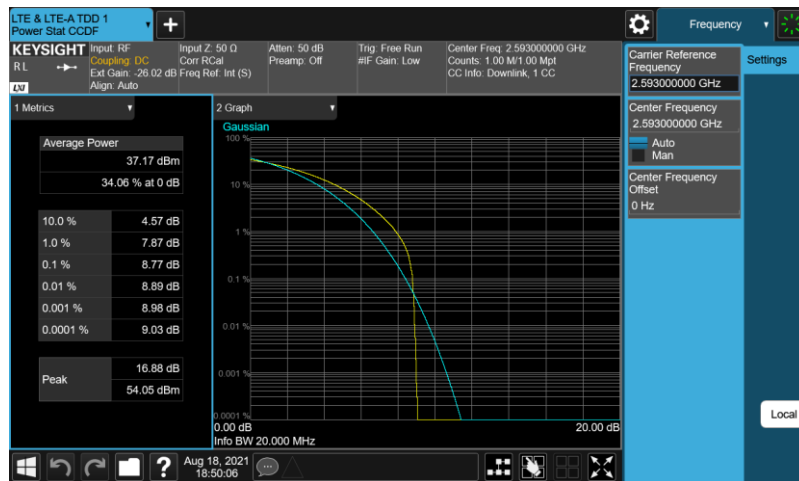
## Band41-20MHz-256QAM-41490-E-TM3.1A



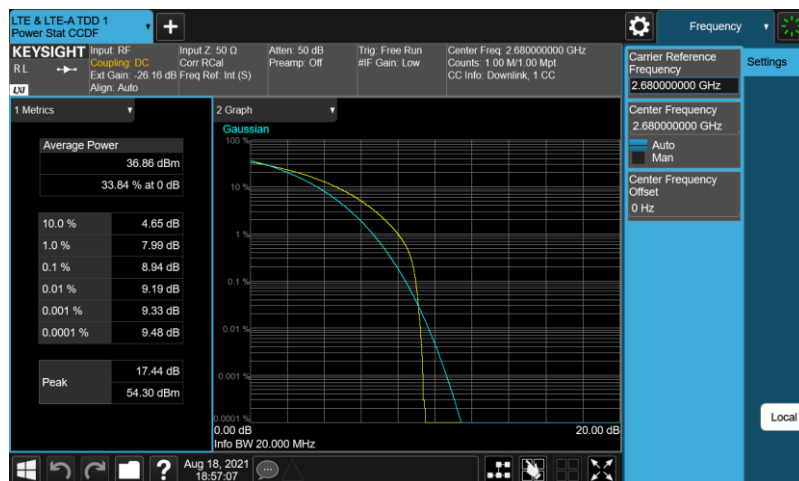
### Band41-20MHz-QPSK-39750-E-TM1.1



### Band41-20MHz-QPSK-40620-E-TM1.1



### Band41-20MHz-QPSK-41490-E-TM1.1

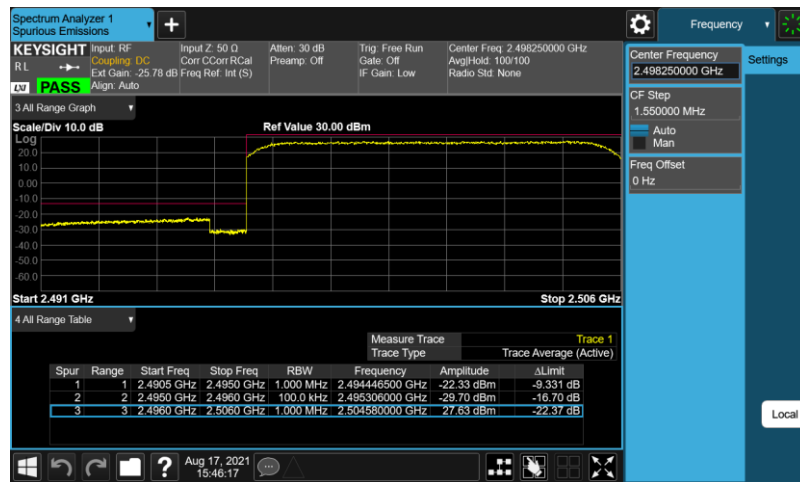


## Appendix F: Band Edge

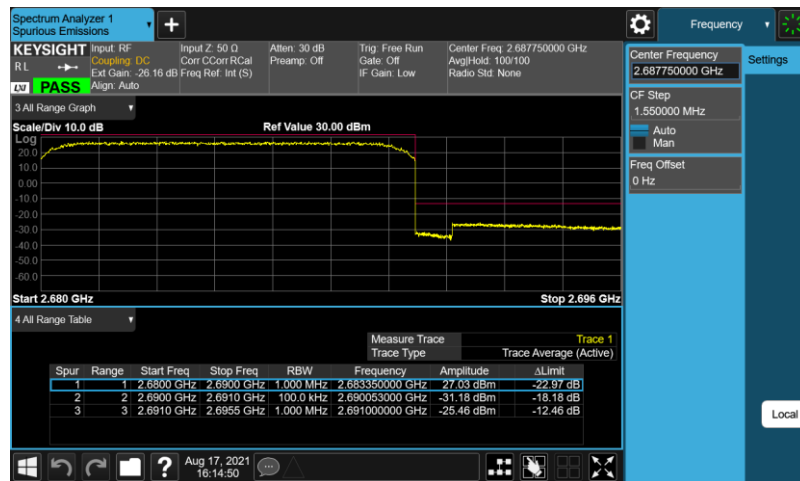
### Test Graphs



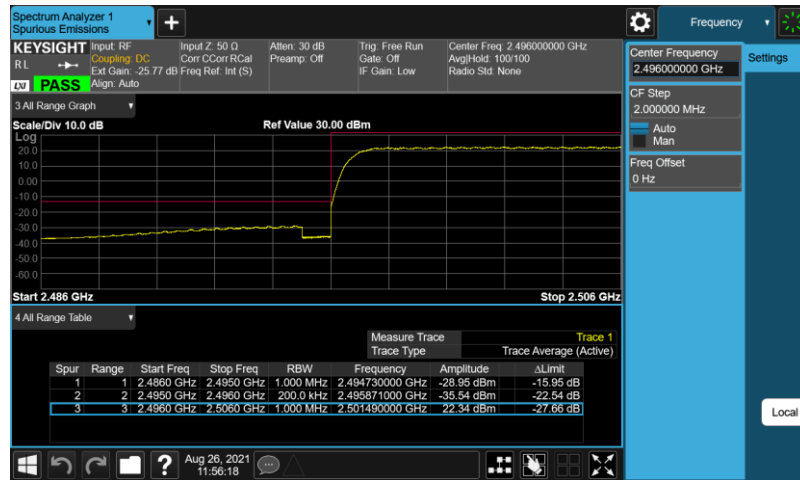
### Band41-10MHz-QPSK-39700-E-TM1.1



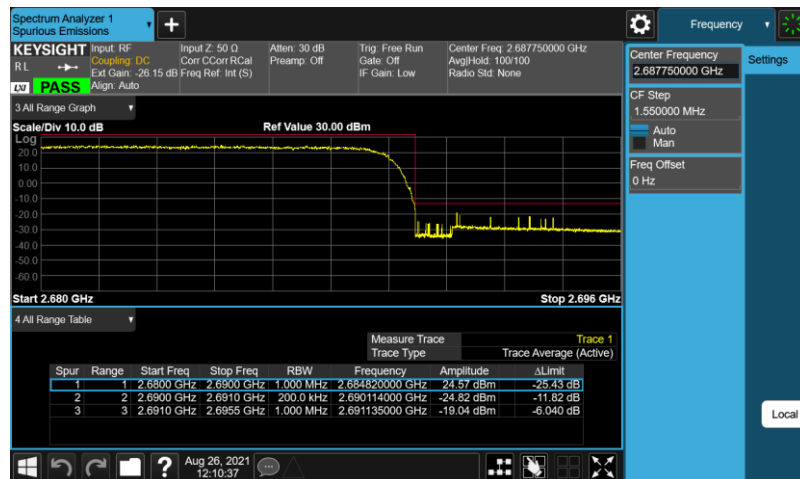
### Band41-10MHz-QPSK-41540-E-TM1.1



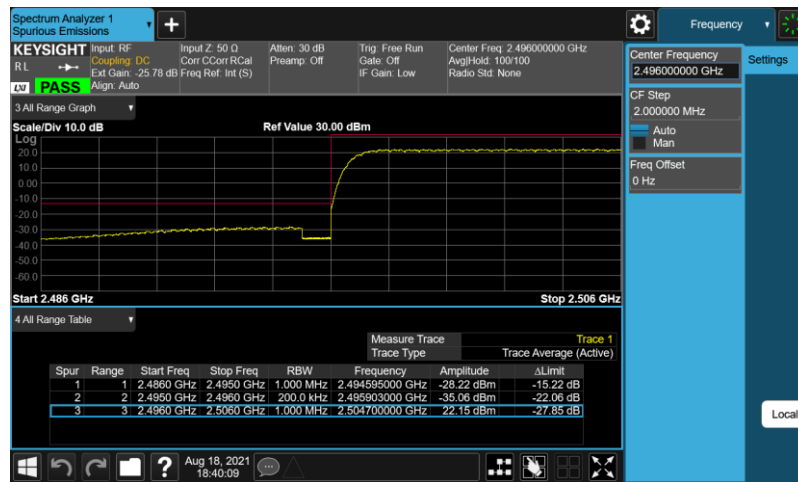
### Band41-20MHz-256QAM-39750-E-TM3.1A



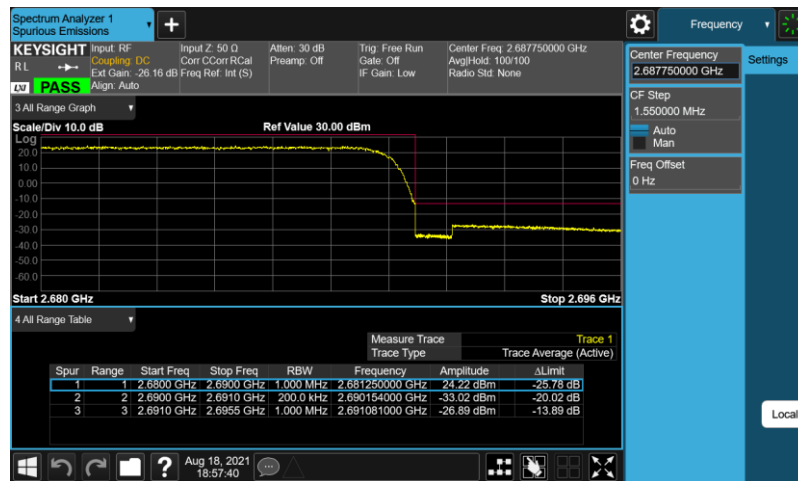
### Band41-20MHz-256QAM-41490-E-TM3.1A



### Band41-20MHz-QPSK-39750-E-TM1.1



### Band41-20MHz-QPSK-41490-E-TM1.1



## Appendix G: Conducted Spurious Emission

### Test Result

| Band   | Bandwidth | Modulation | Channel | Mode     | Test Frequency(MHz) | Result (dBm) | Verdict |
|--------|-----------|------------|---------|----------|---------------------|--------------|---------|
| Band41 | 10MHz     | 256QAM     | 39700   | E-TM3.1A | 30~1000             | -37.02       | PASS    |
| Band41 | 10MHz     | 256QAM     | 39700   | E-TM3.1A | 1000~27000          | -25.65       | PASS    |
| Band41 | 10MHz     | 256QAM     | 40620   | E-TM3.1A | 30~1000             | -36.84       | PASS    |
| Band41 | 10MHz     | 256QAM     | 40620   | E-TM3.1A | 1000~27000          | -25.32       | PASS    |
| Band41 | 10MHz     | 256QAM     | 41540   | E-TM3.1A | 30~1000             | -36.65       | PASS    |
| Band41 | 10MHz     | 256QAM     | 41540   | E-TM3.1A | 1000~27000          | -25.30       | PASS    |
| Band41 | 10MHz     | QPSK       | 39700   | E-TM1.1  | 30~1000             | -37.07       | PASS    |
| Band41 | 10MHz     | QPSK       | 39700   | E-TM1.1  | 1000~27000          | -25.66       | PASS    |
| Band41 | 10MHz     | QPSK       | 40620   | E-TM1.1  | 30~1000             | -36.83       | PASS    |
| Band41 | 10MHz     | QPSK       | 40620   | E-TM1.1  | 1000~27000          | -25.25       | PASS    |
| Band41 | 10MHz     | QPSK       | 41540   | E-TM1.1  | 30~1000             | -36.68       | PASS    |
| Band41 | 10MHz     | QPSK       | 41540   | E-TM1.1  | 1000~27000          | -25.29       | PASS    |
| Band41 | 20MHz     | 256QAM     | 39750   | E-TM3.1A | 30~1000             | -37.07       | PASS    |
| Band41 | 20MHz     | 256QAM     | 39750   | E-TM3.1A | 1000~27000          | -25.72       | PASS    |
| Band41 | 20MHz     | 256QAM     | 40620   | E-TM3.1A | 30~1000             | -36.84       | PASS    |
| Band41 | 20MHz     | 256QAM     | 40620   | E-TM3.1A | 1000~27000          | -25.51       | PASS    |
| Band41 | 20MHz     | 256QAM     | 41490   | E-TM3.1A | 30~1000             | -36.68       | PASS    |
| Band41 | 20MHz     | 256QAM     | 41490   | E-TM3.1A | 1000~27000          | -25.42       | PASS    |
| Band41 | 20MHz     | QPSK       | 39750   | E-TM1.1  | 30~1000             | -37.09       | PASS    |
| Band41 | 20MHz     | QPSK       | 39750   | E-TM1.1  | 1000~27000          | -25.73       | PASS    |
| Band41 | 20MHz     | QPSK       | 40620   | E-TM1.1  | 30~1000             | -36.91       | PASS    |
| Band41 | 20MHz     | QPSK       | 40620   | E-TM1.1  | 1000~27000          | -25.36       | PASS    |
| Band41 | 20MHz     | QPSK       | 41490   | E-TM1.1  | 30~1000             | -36.74       | PASS    |
| Band41 | 20MHz     | QPSK       | 41490   | E-TM1.1  | 1000~27000          | -25.32       | PASS    |

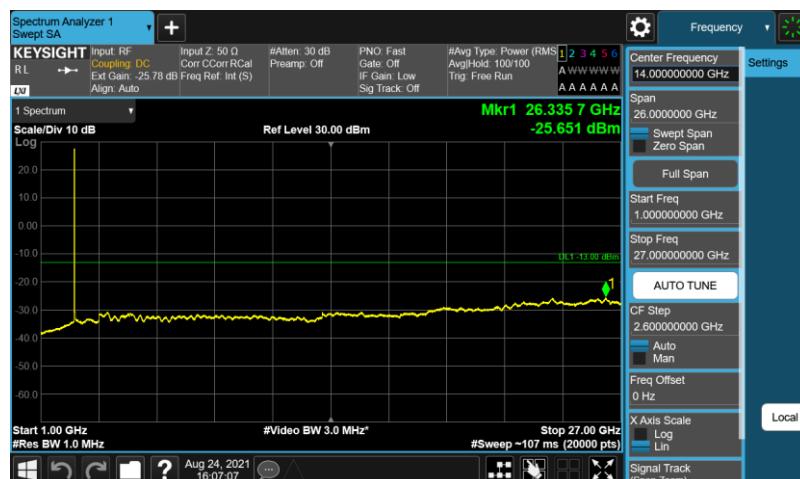


## Test Graphs

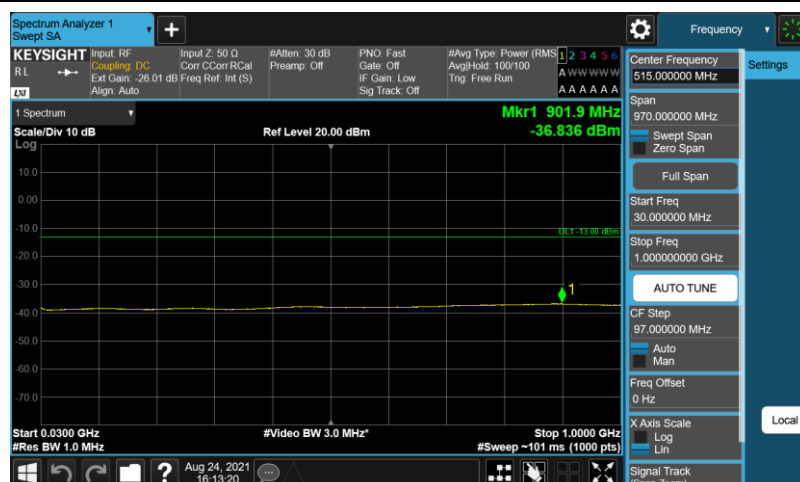
Band41-10MHz-256QAM-39700-E-TM3.1A-30~1000



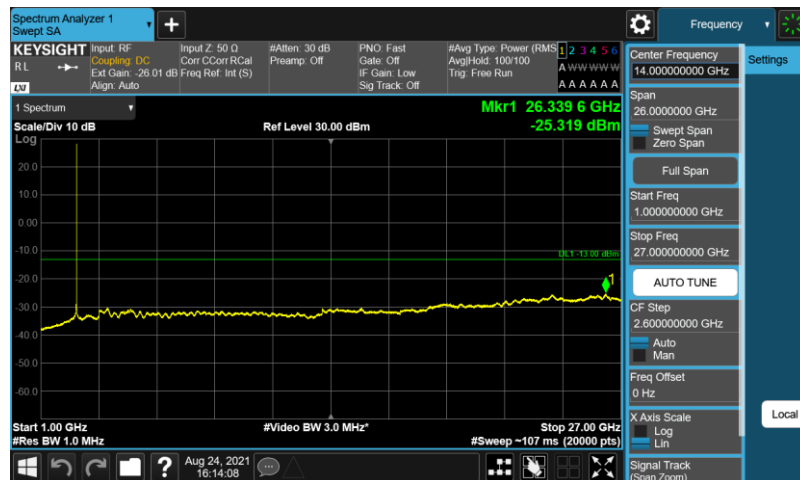
Band41-10MHz-256QAM-39700-E-TM3.1A-1000~27000



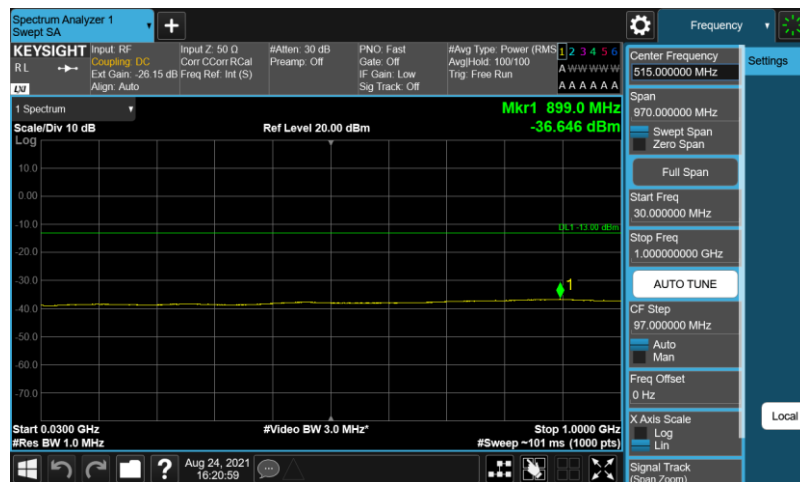
Band41-10MHz-256QAM-40620-E-TM3.1A-30~1000



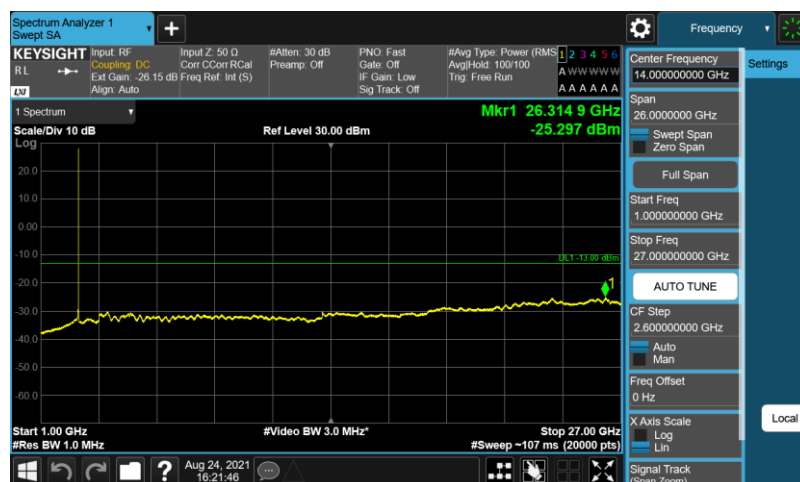
## Band41-10MHz-256QAM-40620-E-TM3.1A-1000~27000



## Band41-10MHz-256QAM-41540-E-TM3.1A-30~1000



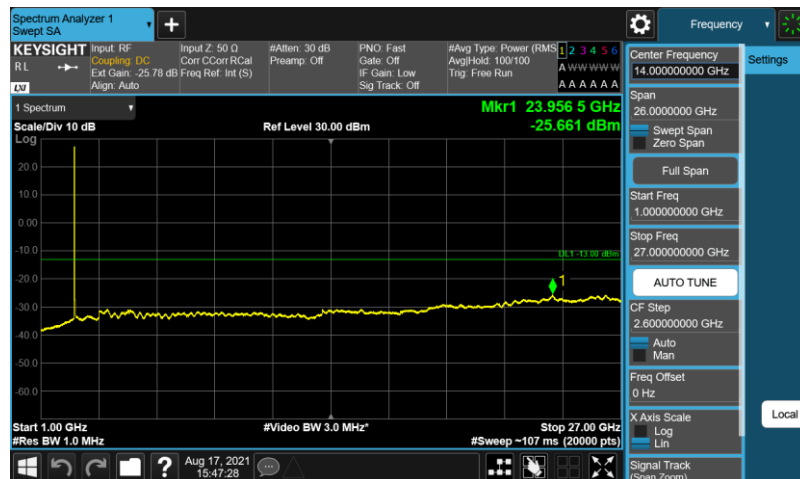
## Band41-10MHz-256QAM-41540-E-TM3.1A-1000~27000



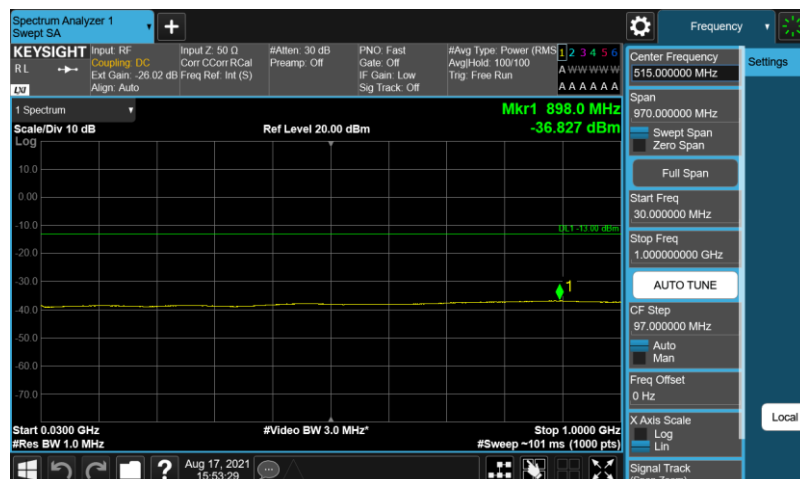
## Band41-10MHz-QPSK-39700-E-TM1.1-30~1000



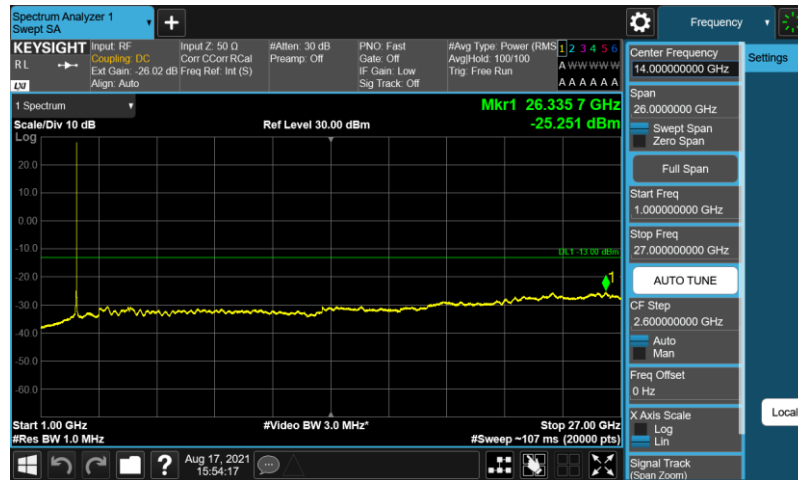
## Band41-10MHz-QPSK-39700-E-TM1.1-1000~27000



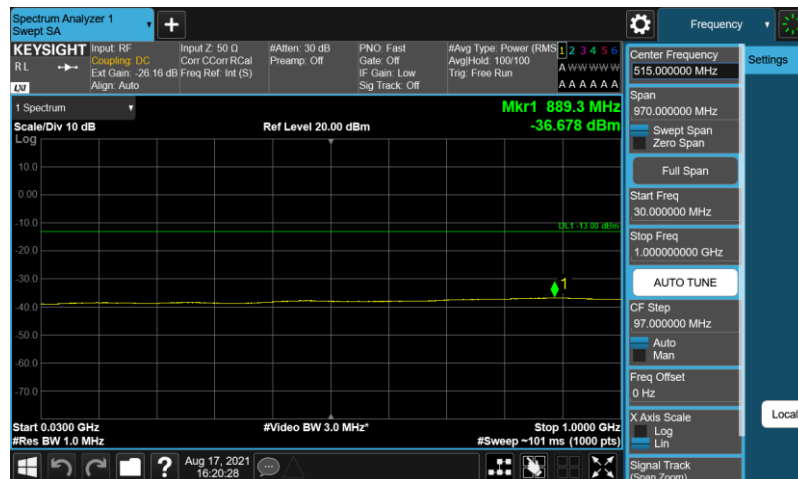
## Band41-10MHz-QPSK-40620-E-TM1.1-30~1000



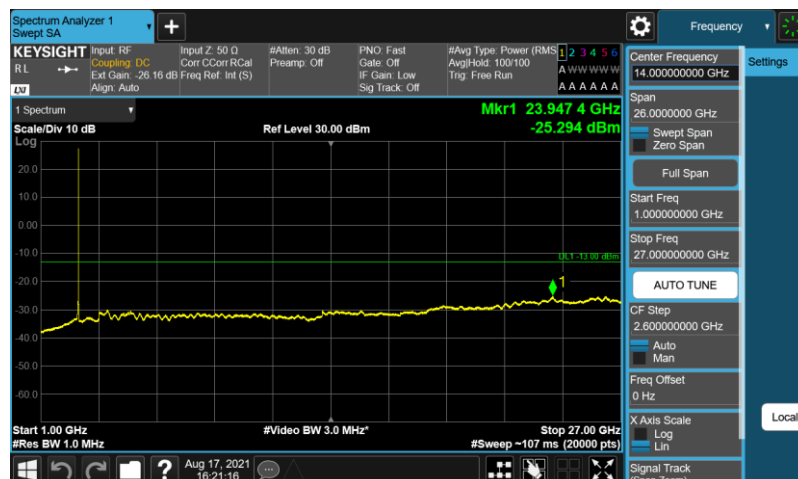
## Band41-10MHz-QPSK-40620-E-TM1.1-1000~27000



## Band41-10MHz-QPSK-41540-E-TM1.1-30~1000



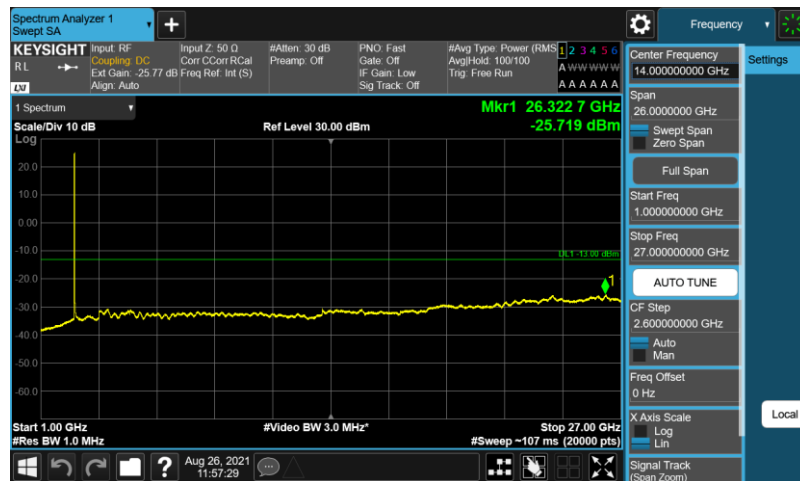
## Band41-10MHz-QPSK-41540-E-TM1.1-1000~27000



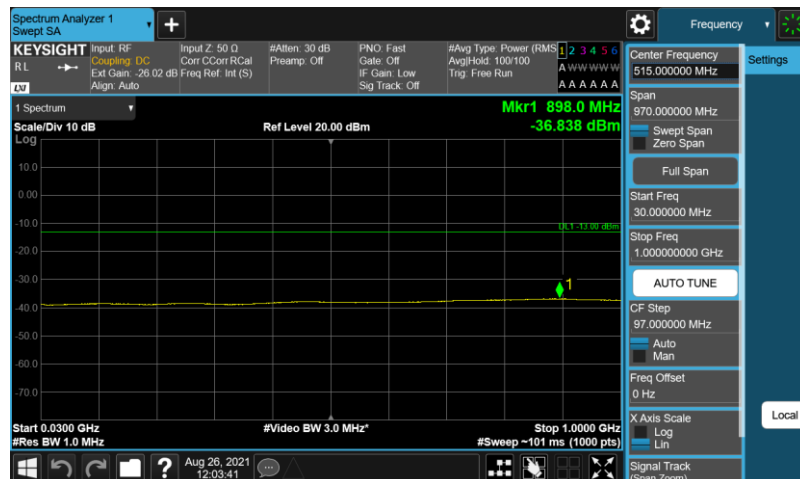
## Band41-20MHz-256QAM-39750-E-TM3.1A-30~1000



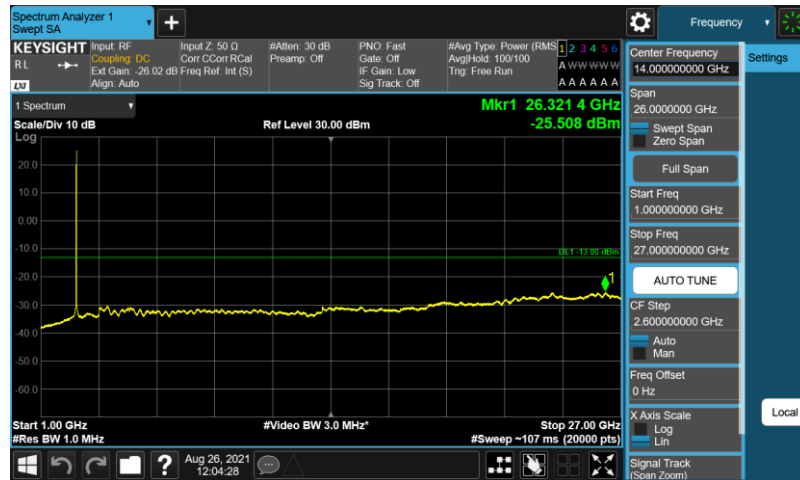
## Band41-20MHz-256QAM-39750-E-TM3.1A-1000~27000



## Band41-20MHz-256QAM-40620-E-TM3.1A-30~1000



## Band41-20MHz-256QAM-40620-E-TM3.1A-1000~27000



## Band41-20MHz-256QAM-41490-E-TM3.1A-30~1000



## Band41-20MHz-256QAM-41490-E-TM3.1A-1000~27000

