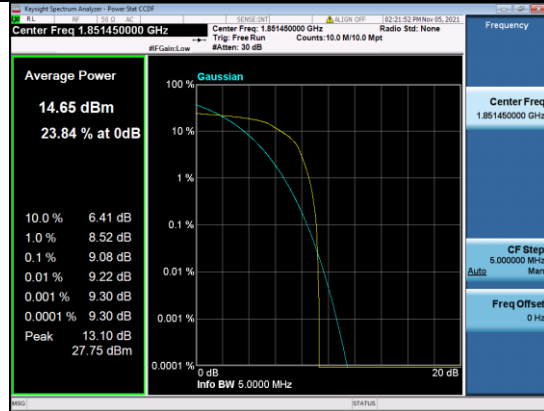
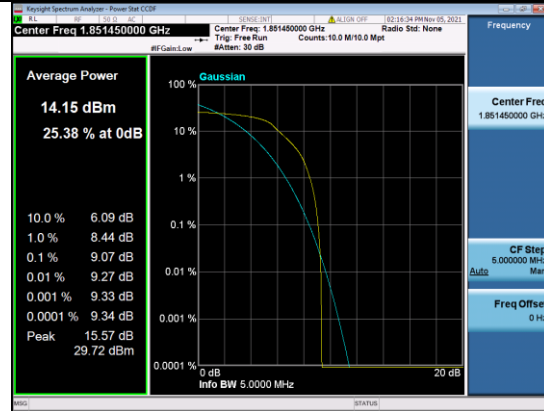


15M

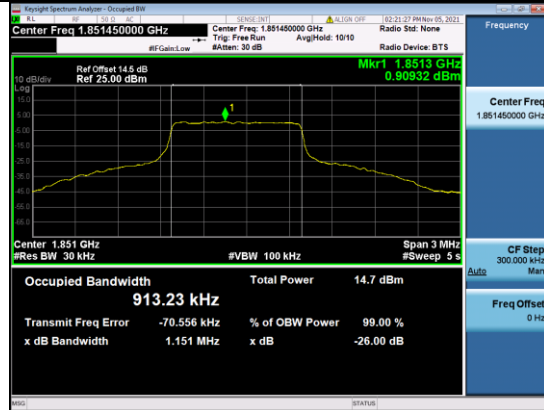
B25-15M-Low CH-PAPR-Q16



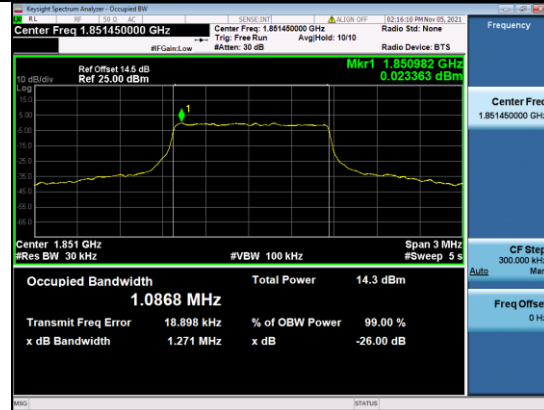
B25-15M-Low CH-PAPR-QPSK



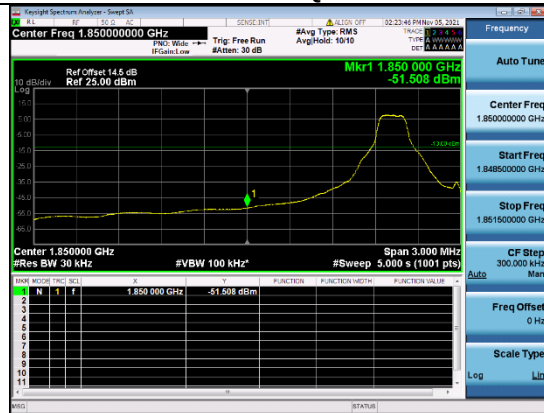
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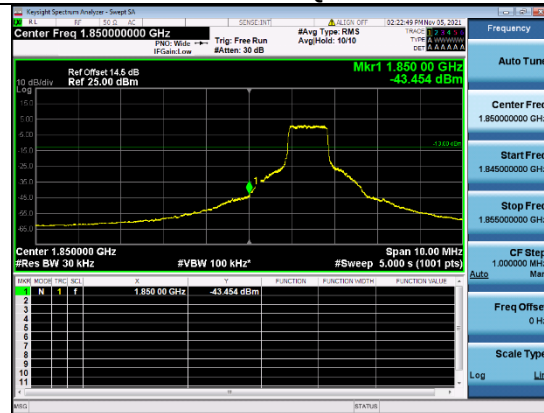
B25-15M-Low CH-OBW-QPSK



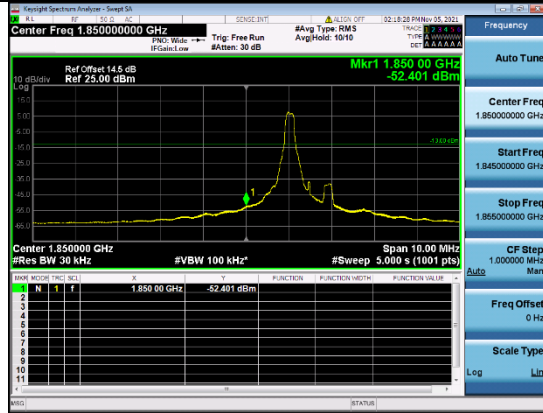
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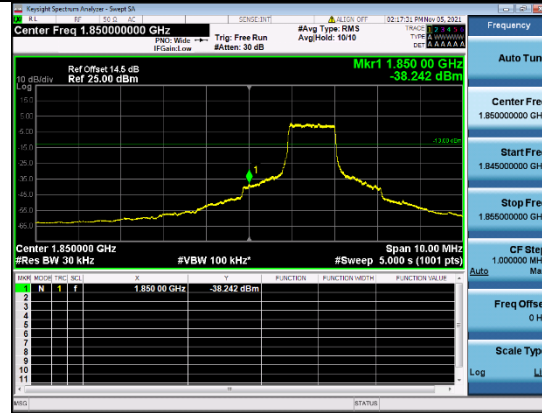
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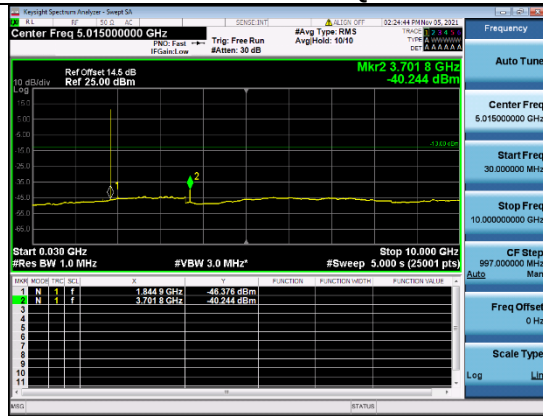
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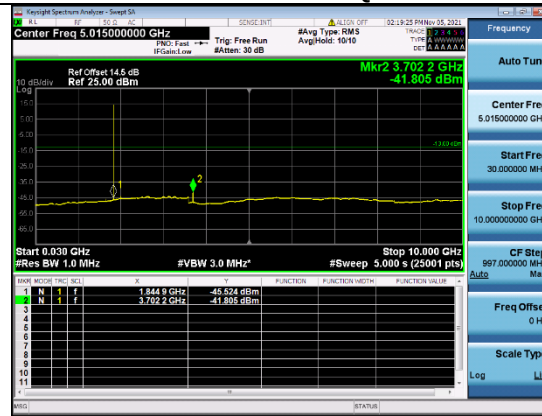
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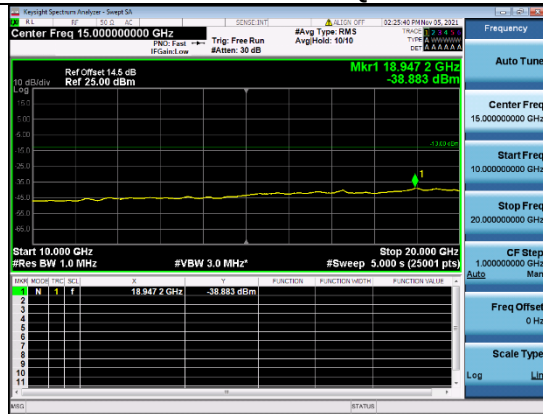
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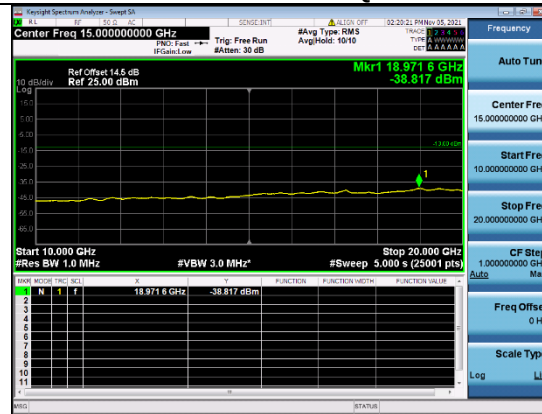
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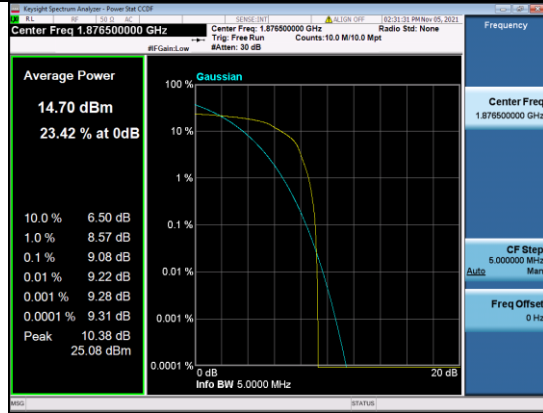
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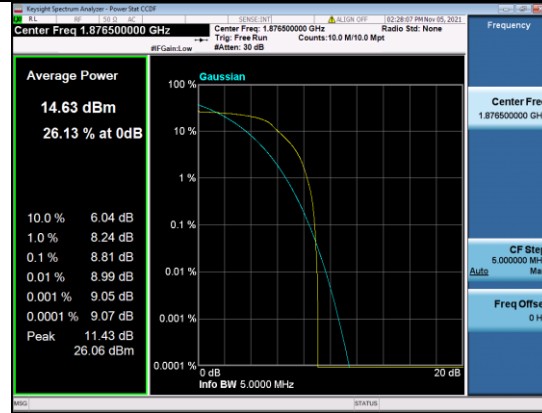
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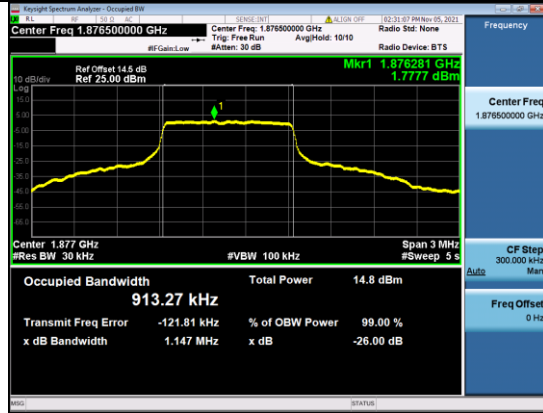
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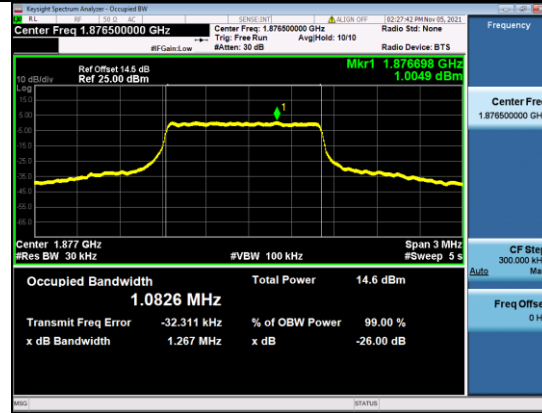
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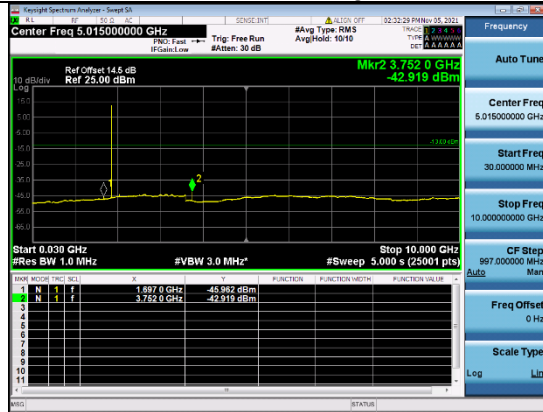
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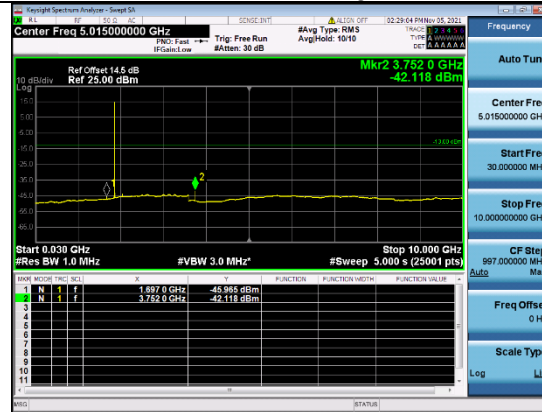
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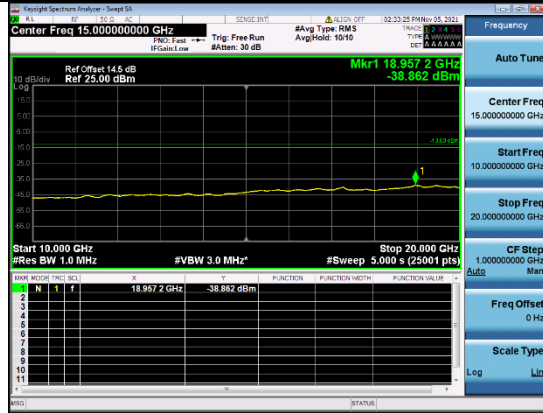
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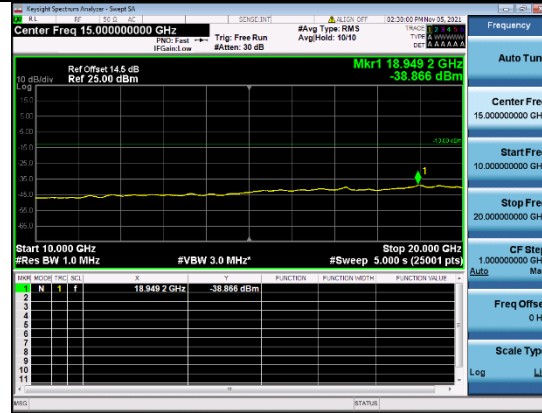
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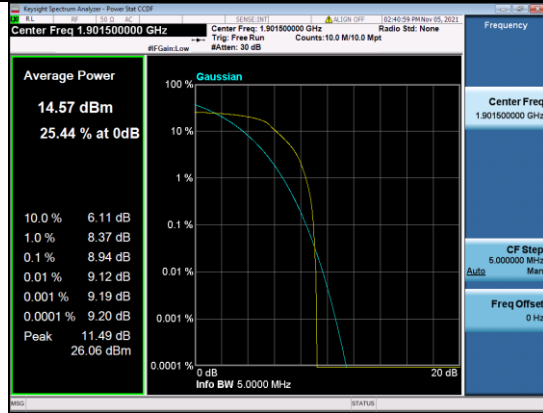
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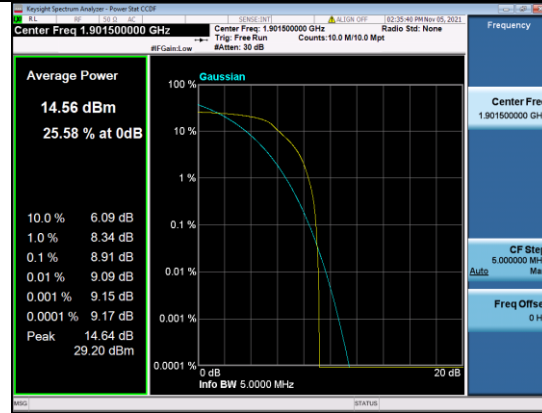
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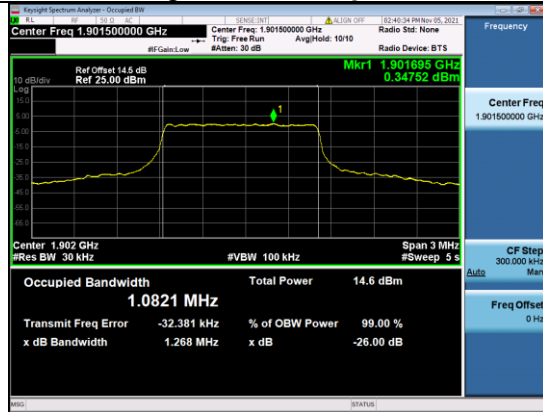
B25-15M-High CH-PAPR-Q16



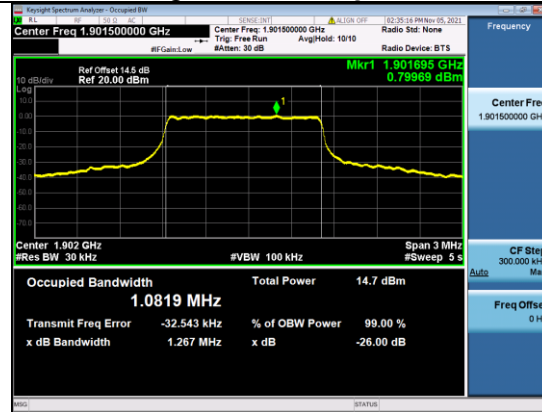
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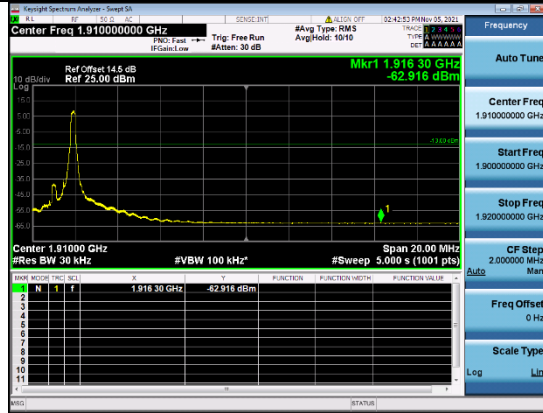
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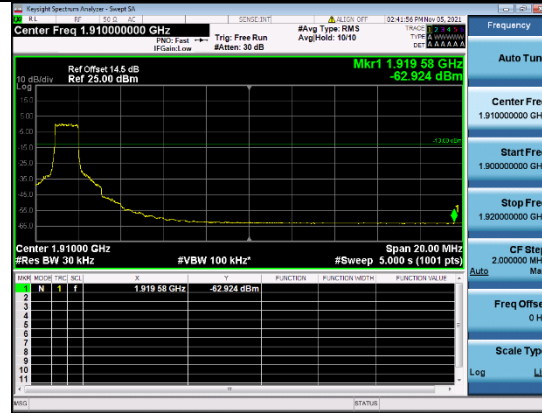
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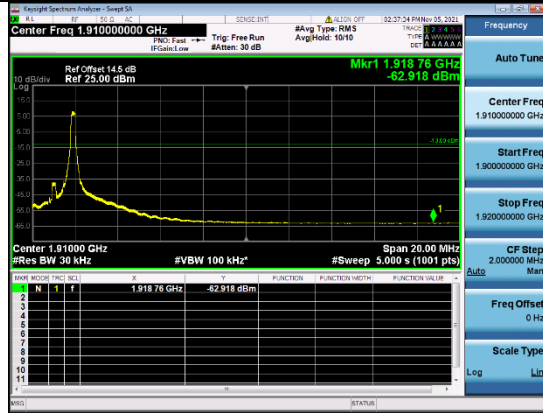
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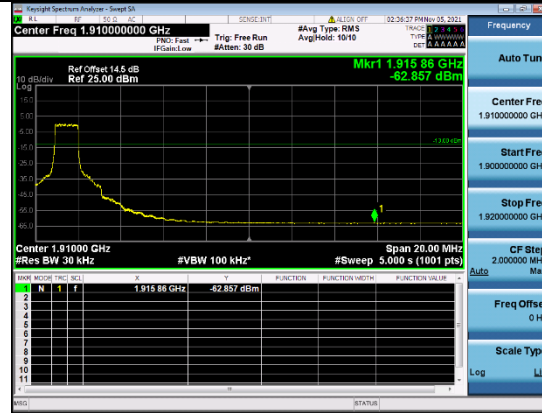
B25-15M-High CH-BE-Q16-Full RB 0



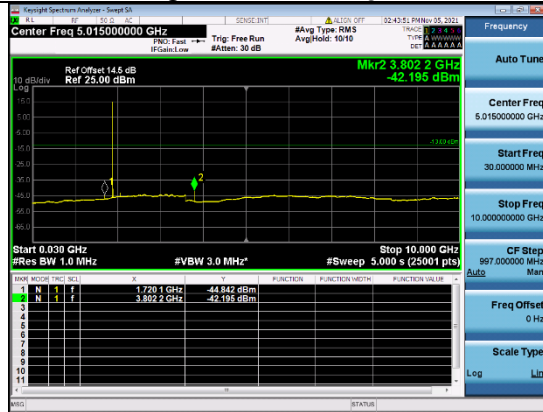
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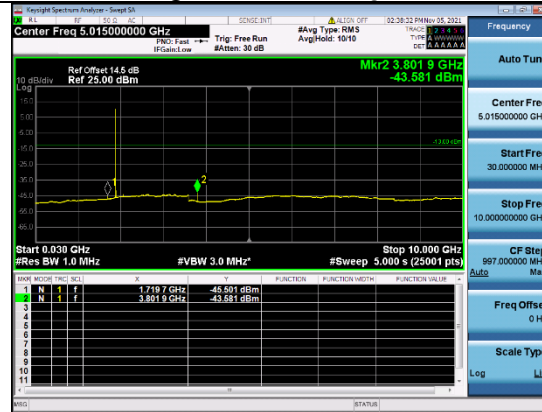
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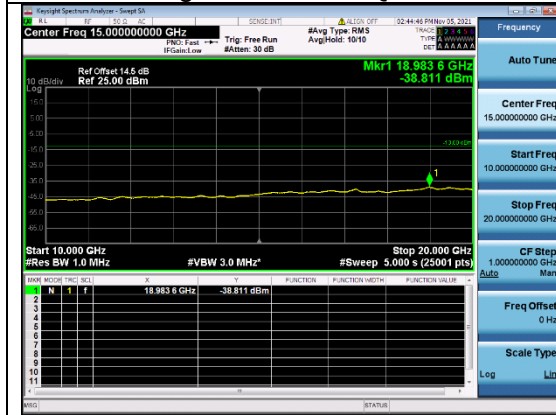
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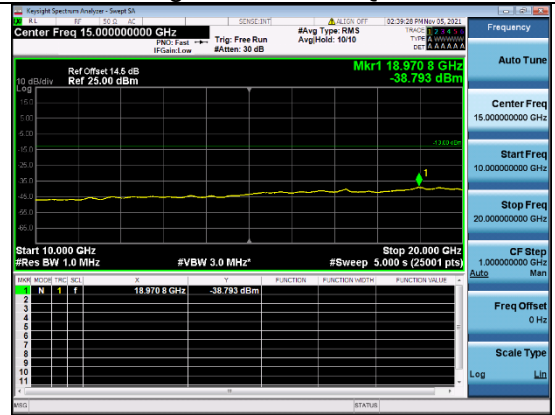
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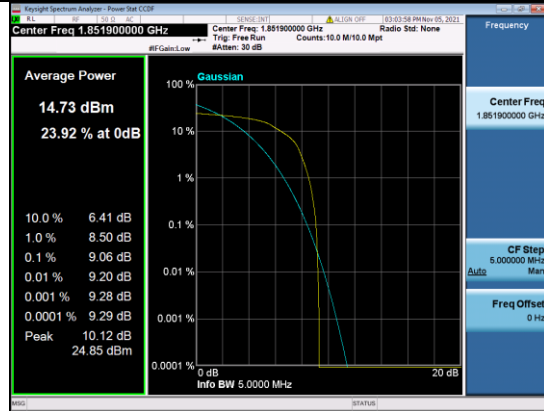
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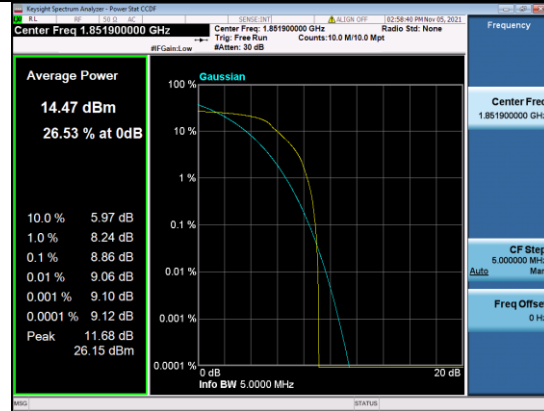
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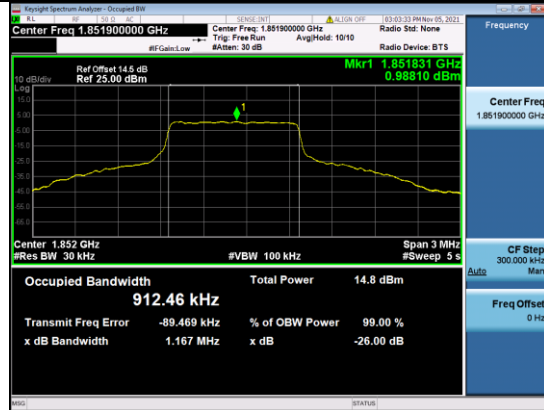
## B25-20M-Low CH-PAPR-Q16



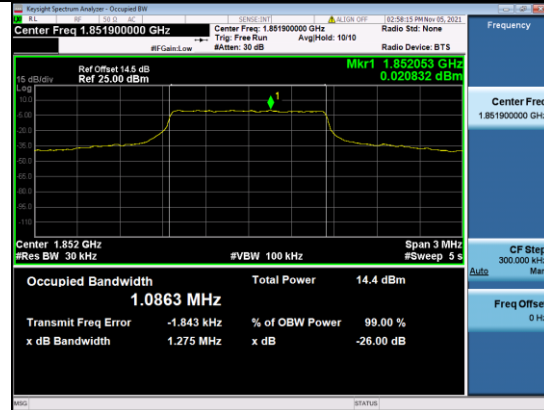
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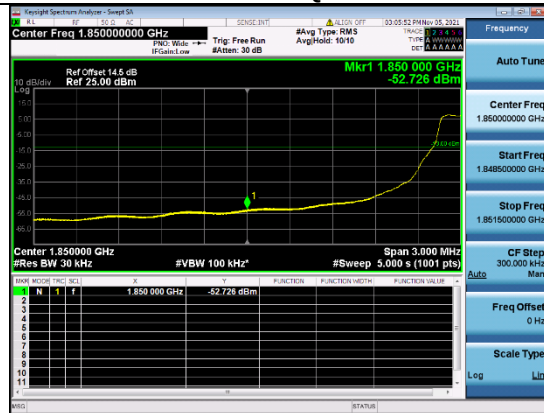
## B25-20M-Low CH-OBW-Q16



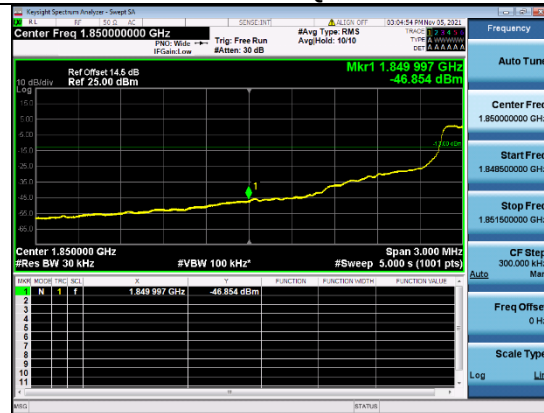
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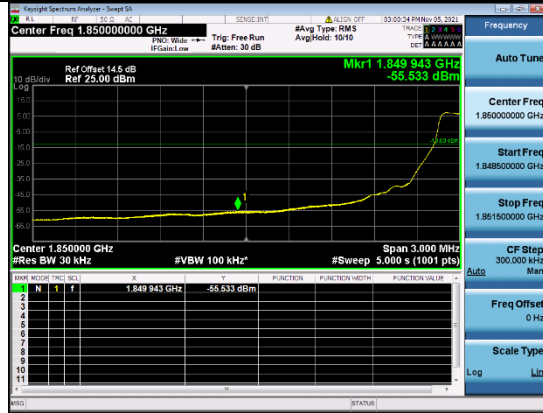
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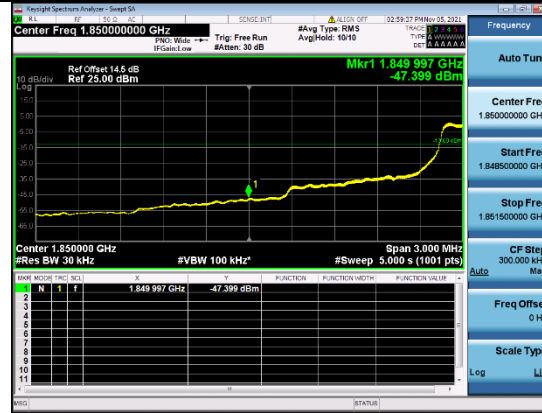
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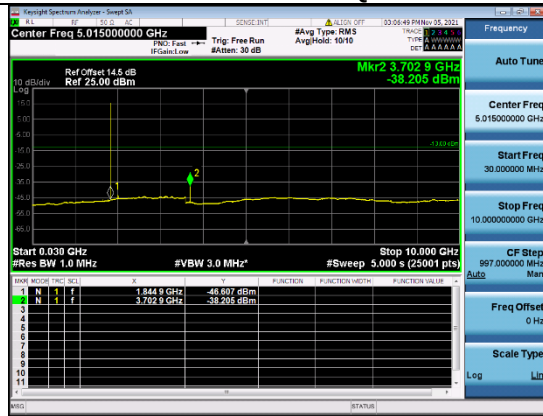
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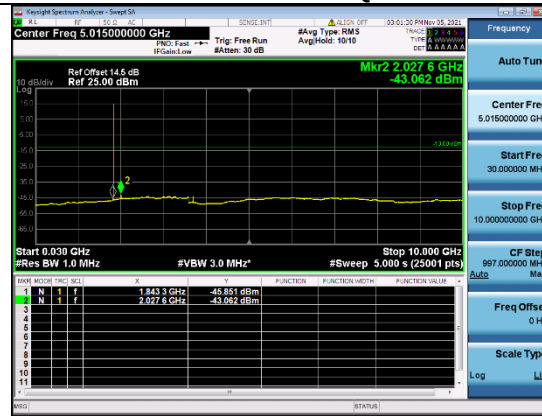
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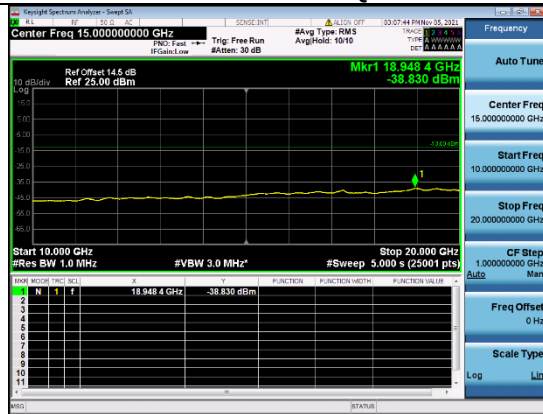
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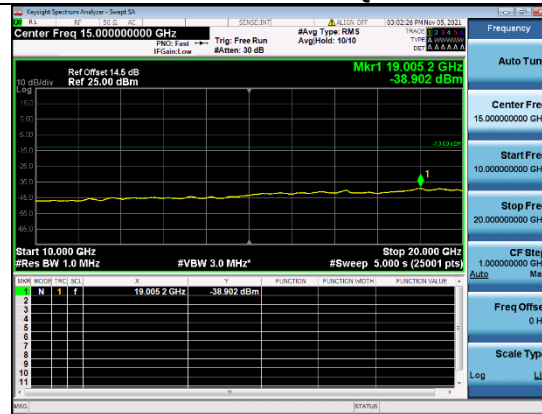
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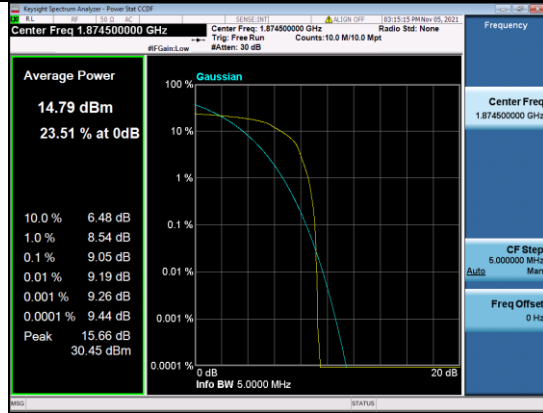
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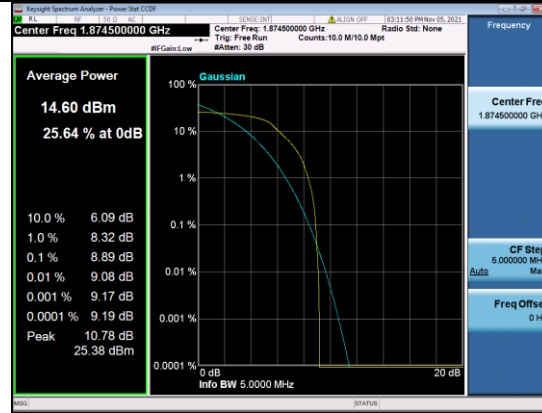
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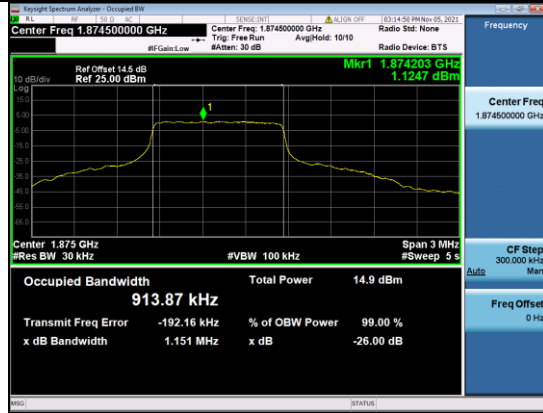
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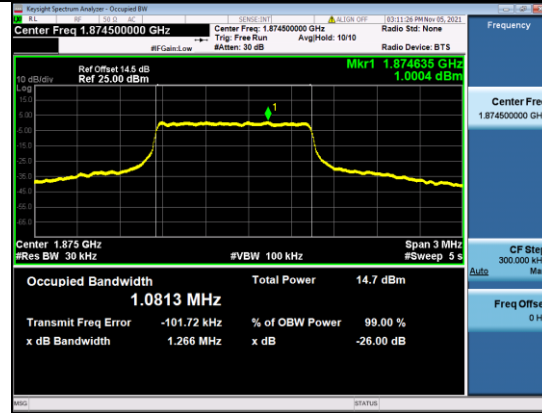
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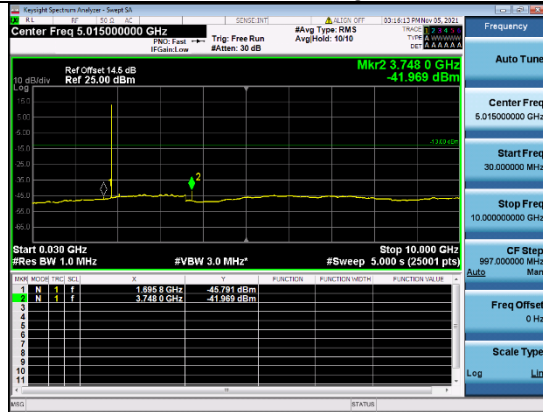
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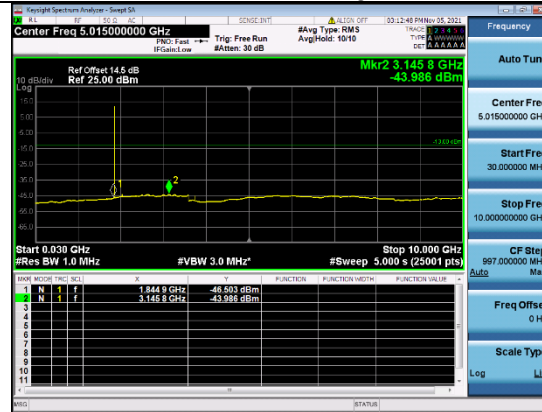
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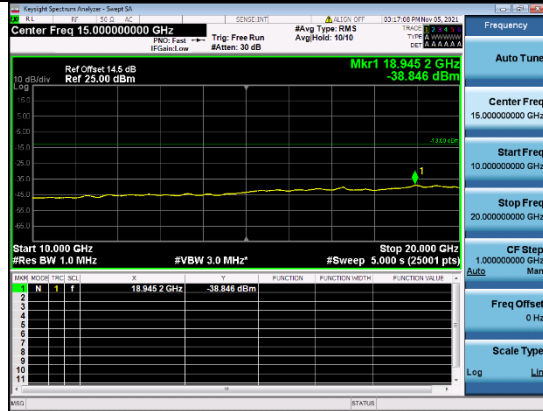
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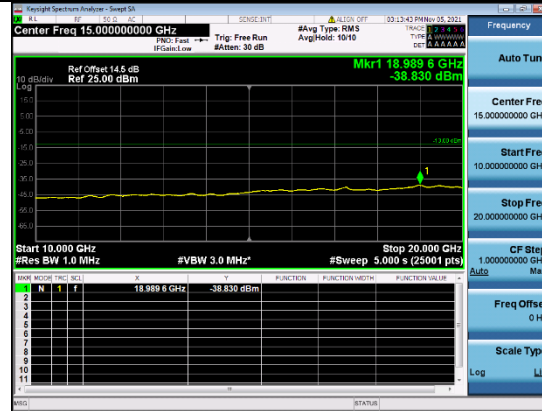
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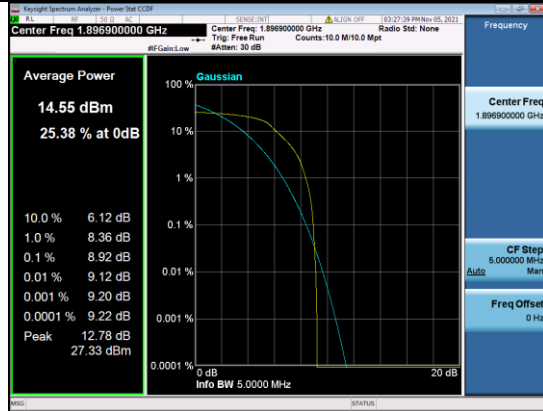
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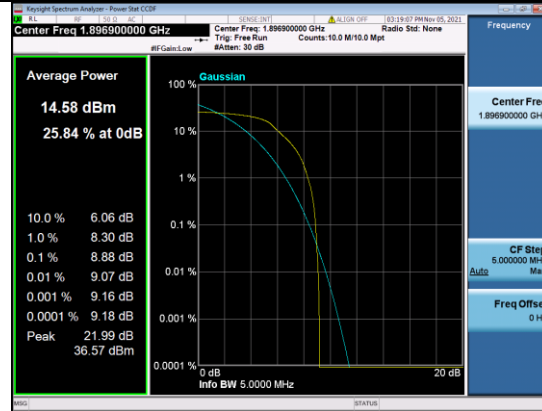
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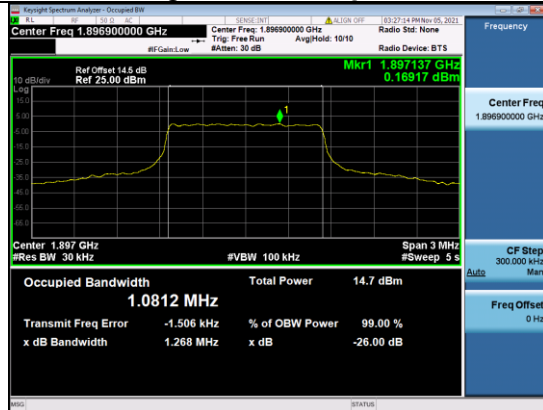
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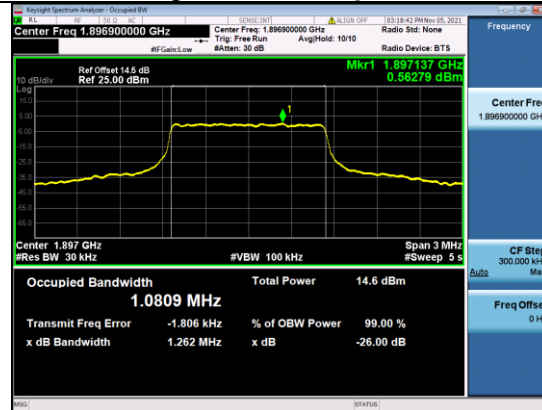
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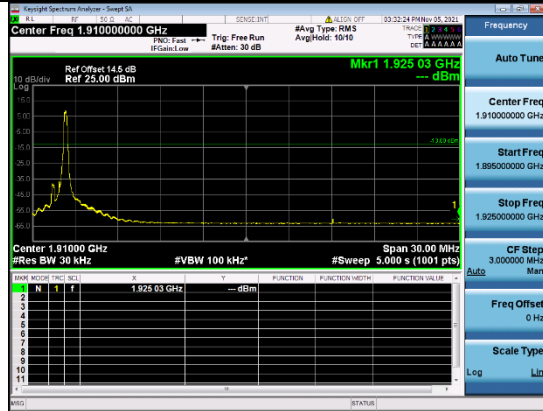
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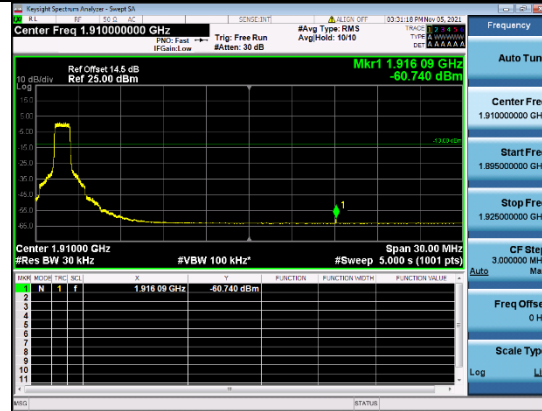
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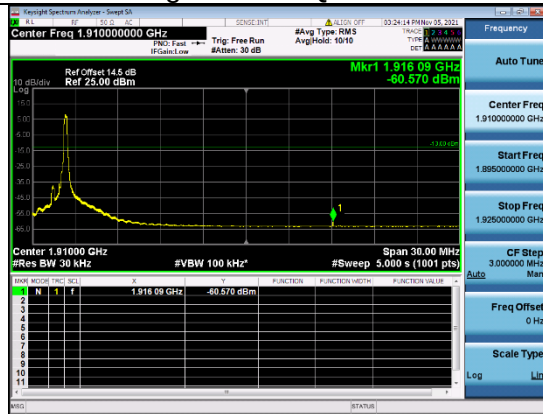
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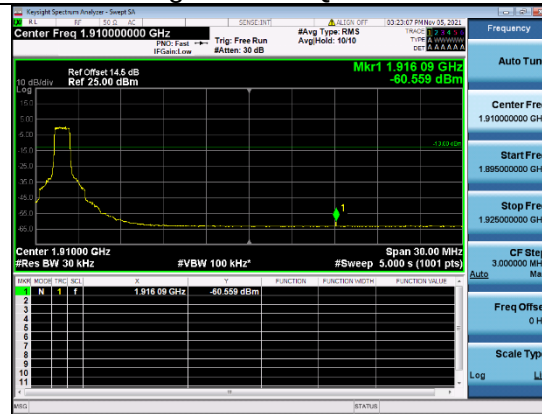
B25-20M-High CH-BE-Q16-Full RB 0



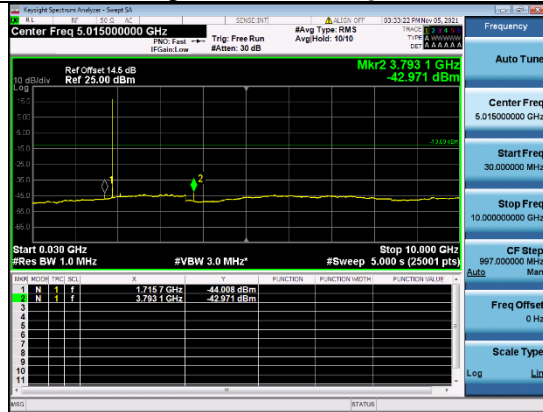
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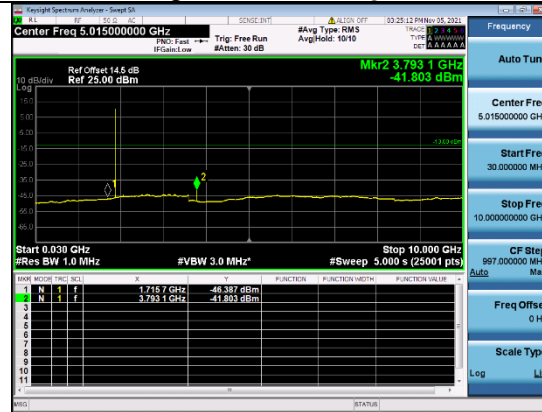
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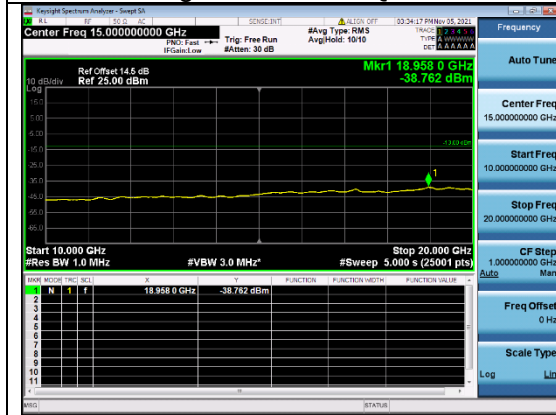
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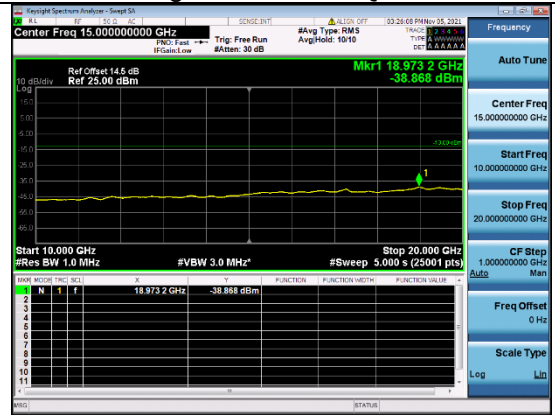
B25-20M-High CH-CSE-1-QPSK-1 RB 0



# B25-20M-High CH-CSE-2-Q16-1 RB 0



# B25-20M-High CH-CSE-2-QPSK-1 RB 0



### 3. Frequency Stability

#### 3.1 B25\_1.4MHz

##### 3.1.1 Test Result

| Band: 2 / Bandwidth: 1.4MHz |                 |               |        |            |               |                  |                       |             |         |
|-----------------------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------------|---------|
| Modulation                  | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                             |                 | Size          | Offset |            |               |                  | Result                | Limit       |         |
| QPSK                        | 1850.7          | 6             | 0      | 20         | 5.4           | 19.355           | 0.0105                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 6.0           | 19.383           | 0.0105                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 6.6           | 18.268           | 0.0099                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 6.0           | 19.927           | 0.0108                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 6.0           | 29.368           | 0.0159                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 6.0           | -28.138          | -0.0152               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 6.0           | -37.251          | -0.0201               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 6.0           | -0.744           | -0.0004               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 6.0           | -29.855          | -0.0161               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 6.0           | -39.554          | -0.0214               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 6.0           | -40.212          | -0.0217               | -2.5 to 2.5 | Pass    |
|                             | 1882.5          | 6             | 0      | 20         | 5.4           | 35.763           | 0.0190                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 6.0           | -30.198          | -0.0161               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 6.6           | -28.696          | -0.0153               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 6.0           | -34.361          | -0.0183               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 6.0           | -35.262          | -0.0188               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 6.0           | -25.434          | -0.0135               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 6.0           | -7.052           | -0.0038               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 6.0           | 6.065            | 0.0032                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 6.0           | -32.887          | -0.0175               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 6.0           | -43.001          | -0.0229               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 6.0           | -11.573          | -0.0062               | -2.5 to 2.5 | Pass    |

|       |        |   |   |     |     |         |         |             |      |
|-------|--------|---|---|-----|-----|---------|---------|-------------|------|
|       | 1914.3 | 6 | 0 | 20  | 5.4 | 36.435  | 0.0191  | -2.5 to 2.5 | Pass |
|       |        |   |   |     | 6.0 | 35.906  | 0.0188  | -2.5 to 2.5 | Pass |
|       |        |   |   |     | 6.6 | 9.098   | 0.0048  | -2.5 to 2.5 | Pass |
|       |        |   |   | -30 | 6.0 | -34.790 | -0.0182 | -2.5 to 2.5 | Pass |
|       |        |   |   | -20 | 6.0 | -36.306 | -0.0190 | -2.5 to 2.5 | Pass |
|       |        |   |   | -10 | 6.0 | -19.326 | -0.0101 | -2.5 to 2.5 | Pass |
|       |        |   |   | 0   | 6.0 | -36.807 | -0.0193 | -2.5 to 2.5 | Pass |
|       |        |   |   | 10  | 6.0 | -31.514 | -0.0165 | -2.5 to 2.5 | Pass |
|       |        |   |   | 30  | 6.0 | -45.490 | -0.0238 | -2.5 to 2.5 | Pass |
|       |        |   |   | 40  | 6.0 | -13.676 | -0.0072 | -2.5 to 2.5 | Pass |
|       |        |   |   | 50  | 6.0 | -47.235 | -0.0247 | -2.5 to 2.5 | Pass |
| 16QAM | 1850.7 | 6 | 0 | 20  | 5.4 | -38.438 | -0.0208 | -2.5 to 2.5 | Pass |
|       |        |   |   |     | 6.0 | -18.883 | -0.0102 | -2.5 to 2.5 | Pass |
|       |        |   |   |     | 6.6 | -25.821 | -0.0140 | -2.5 to 2.5 | Pass |
|       |        |   |   | -30 | 6.0 | -26.064 | -0.0141 | -2.5 to 2.5 | Pass |
|       |        |   |   | -20 | 6.0 | 10.657  | 0.0058  | -2.5 to 2.5 | Pass |
|       |        |   |   | -10 | 6.0 | -1.760  | -0.0010 | -2.5 to 2.5 | Pass |
|       |        |   |   | 0   | 6.0 | -20.041 | -0.0108 | -2.5 to 2.5 | Pass |
|       |        |   |   | 10  | 6.0 | -11.787 | -0.0064 | -2.5 to 2.5 | Pass |
|       |        |   |   | 30  | 6.0 | -24.061 | -0.0130 | -2.5 to 2.5 | Pass |
|       |        |   |   | 40  | 6.0 | -10.972 | -0.0059 | -2.5 to 2.5 | Pass |
|       |        |   |   | 50  | 6.0 | -20.370 | -0.0110 | -2.5 to 2.5 | Pass |
|       | 1882.5 | 6 | 0 | 20  | 5.4 | -23.460 | -0.0125 | -2.5 to 2.5 | Pass |
|       |        |   |   |     | 6.0 | -18.826 | -0.0100 | -2.5 to 2.5 | Pass |
|       |        |   |   |     | 6.6 | -30.012 | -0.0160 | -2.5 to 2.5 | Pass |
|       |        |   |   | -30 | 6.0 | 3.462   | 0.0018  | -2.5 to 2.5 | Pass |
|       |        |   |   | -20 | 6.0 | -31.199 | -0.0166 | -2.5 to 2.5 | Pass |
|       |        |   |   | -10 | 6.0 | -12.188 | -0.0065 | -2.5 to 2.5 | Pass |

|  |        |   |   |     |     |         |         |             |      |
|--|--------|---|---|-----|-----|---------|---------|-------------|------|
|  |        |   |   | 0   | 6.0 | -7.153  | -0.0038 | -2.5 to 2.5 | Pass |
|  |        |   |   | 10  | 6.0 | -36.507 | -0.0194 | -2.5 to 2.5 | Pass |
|  |        |   |   | 30  | 6.0 | -14.949 | -0.0080 | -2.5 to 2.5 | Pass |
|  |        |   |   | 40  | 6.0 | -45.404 | -0.0242 | -2.5 to 2.5 | Pass |
|  |        |   |   | 50  | 6.0 | -22.187 | -0.0118 | -2.5 to 2.5 | Pass |
|  | 1914.3 | 6 | 0 | 20  | 5.4 | -12.360 | -0.0065 | -2.5 to 2.5 | Pass |
|  |        |   |   |     | 6.0 | -24.090 | -0.0126 | -2.5 to 2.5 | Pass |
|  |        |   |   |     | 6.6 | 1.116   | 0.0006  | -2.5 to 2.5 | Pass |
|  |        |   |   | -30 | 6.0 | -26.836 | -0.0141 | -2.5 to 2.5 | Pass |
|  |        |   |   | -20 | 6.0 | -37.823 | -0.0198 | -2.5 to 2.5 | Pass |
|  |        |   |   | -10 | 6.0 | -30.499 | -0.0160 | -2.5 to 2.5 | Pass |
|  |        |   |   | 0   | 6.0 | -2.704  | -0.0014 | -2.5 to 2.5 | Pass |
|  |        |   |   | 10  | 6.0 | -21.873 | -0.0115 | -2.5 to 2.5 | Pass |
|  |        |   |   | 30  | 6.0 | -11.244 | -0.0059 | -2.5 to 2.5 | Pass |
|  |        |   |   | 40  | 6.0 | -8.583  | -0.0045 | -2.5 to 2.5 | Pass |
|  |        |   |   | 50  | 6.0 | -29.798 | -0.0156 | -2.5 to 2.5 | Pass |

## 3.2 B25\_3MHz

### 3.2.1 Test Result

| Band: 2 / Bandwidth: 3MHz |                 |               |        |            |               |                  |                       |             |         |
|---------------------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------------|---------|
| Modulation                | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                           |                 | Size          | Offset |            |               |                  | Result                | Limit       |         |
| QPSK                      | 1851.5          | 6             | 0      | 20         | 5.4           | -25.821          | -0.0139               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 6.0           | -40.069          | -0.0216               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 6.6           | -30.427          | -0.0164               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -30        | 6.0           | -17.467          | -0.0094               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -20        | 6.0           | -17.924          | -0.0097               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -10        | 6.0           | -21.200          | -0.0115               | -2.5 to 2.5 | Pass    |

|  |        |        |   |     |     |         |         |             |             |
|--|--------|--------|---|-----|-----|---------|---------|-------------|-------------|
|  |        |        |   | 0   | 6.0 | -13.218 | -0.0071 | -2.5 to 2.5 | Pass        |
|  |        |        |   | 10  | 6.0 | -8.955  | -0.0048 | -2.5 to 2.5 | Pass        |
|  |        |        |   | 30  | 6.0 | -30.155 | -0.0163 | -2.5 to 2.5 | Pass        |
|  |        |        |   | 40  | 6.0 | -34.862 | -0.0188 | -2.5 to 2.5 | Pass        |
|  |        |        |   | 50  | 6.0 | 0.858   | 0.0005  | -2.5 to 2.5 | Pass        |
|  | 1882.5 | 6      | 0 | 20  | 5.4 | 11.001  | 0.0059  | -2.5 to 2.5 | Pass        |
|  |        |        |   |     | 6.0 | -10.929 | -0.0058 | -2.5 to 2.5 | Pass        |
|  |        |        |   |     | 6.6 | -40.712 | -0.0217 | -2.5 to 2.5 | Pass        |
|  |        |        |   | -30 | 6.0 | -35.248 | -0.0187 | -2.5 to 2.5 | Pass        |
|  |        |        |   | -20 | 6.0 | -17.538 | -0.0093 | -2.5 to 2.5 | Pass        |
|  |        |        |   | -10 | 6.0 | -7.467  | -0.0040 | -2.5 to 2.5 | Pass        |
|  |        |        |   | 0   | 6.0 | -28.439 | -0.0151 | -2.5 to 2.5 | Pass        |
|  |        |        |   | 10  | 6.0 | -32.530 | -0.0173 | -2.5 to 2.5 | Pass        |
|  |        |        |   | 30  | 6.0 | -40.355 | -0.0215 | -2.5 to 2.5 | Pass        |
|  |        |        |   | 40  | 6.0 | -37.308 | -0.0198 | -2.5 to 2.5 | Pass        |
|  |        |        |   | 50  | 6.0 | -12.288 | -0.0065 | -2.5 to 2.5 | Pass        |
|  | 1913.5 | 6      | 0 | 20  | 5.4 | 9.284   | 0.0049  | -2.5 to 2.5 | Pass        |
|  |        |        |   |     | 6.0 | -39.153 | -0.0205 | -2.5 to 2.5 | Pass        |
|  |        |        |   |     | 6.6 | -28.095 | -0.0147 | -2.5 to 2.5 | Pass        |
|  |        |        |   | -30 | 6.0 | -36.635 | -0.0192 | -2.5 to 2.5 | Pass        |
|  |        |        |   | -20 | 6.0 | -32.001 | -0.0168 | -2.5 to 2.5 | Pass        |
|  |        |        |   | -10 | 6.0 | -18.282 | -0.0096 | -2.5 to 2.5 | Pass        |
|  |        |        |   | 0   | 6.0 | -35.849 | -0.0188 | -2.5 to 2.5 | Pass        |
|  |        |        |   | 10  | 6.0 | -22.087 | -0.0116 | -2.5 to 2.5 | Pass        |
|  |        |        |   | 30  | 6.0 | -36.893 | -0.0193 | -2.5 to 2.5 | Pass        |
|  |        |        |   | 40  | 6.0 | -5.550  | -0.0029 | -2.5 to 2.5 | Pass        |
|  |        |        |   | 50  | 6.0 | -32.659 | -0.0171 | -2.5 to 2.5 | Pass        |
|  | 16QAM  | 1851.5 | 6 | 0   | 20  | 5.4     | -25.306 | -0.0137     | -2.5 to 2.5 |

|  |        |   |   |     |     |         |         |             |      |
|--|--------|---|---|-----|-----|---------|---------|-------------|------|
|  |        |   |   |     | 6.0 | -37.766 | -0.0204 | -2.5 to 2.5 | Pass |
|  |        |   |   |     | 6.6 | -33.002 | -0.0178 | -2.5 to 2.5 | Pass |
|  |        |   |   | -30 | 6.0 | -25.678 | -0.0139 | -2.5 to 2.5 | Pass |
|  |        |   |   | -20 | 6.0 | -1.216  | -0.0007 | -2.5 to 2.5 | Pass |
|  |        |   |   | -10 | 6.0 | -37.065 | -0.0200 | -2.5 to 2.5 | Pass |
|  |        |   |   | 0   | 6.0 | -36.020 | -0.0195 | -2.5 to 2.5 | Pass |
|  |        |   |   | 10  | 6.0 | -21.343 | -0.0115 | -2.5 to 2.5 | Pass |
|  |        |   |   | 30  | 6.0 | -9.513  | -0.0051 | -2.5 to 2.5 | Pass |
|  |        |   |   | 40  | 6.0 | -35.462 | -0.0192 | -2.5 to 2.5 | Pass |
|  |        |   |   | 50  | 6.0 | -26.293 | -0.0142 | -2.5 to 2.5 | Pass |
|  | 1882.5 | 6 | 0 | 20  | 5.4 | -38.037 | -0.0202 | -2.5 to 2.5 | Pass |
|  |        |   |   |     | 6.0 | -8.311  | -0.0044 | -2.5 to 2.5 | Pass |
|  |        |   |   |     | 6.6 | -26.393 | -0.0140 | -2.5 to 2.5 | Pass |
|  |        |   |   | -30 | 6.0 | -22.674 | -0.0121 | -2.5 to 2.5 | Pass |
|  |        |   |   | -20 | 6.0 | -6.909  | -0.0037 | -2.5 to 2.5 | Pass |
|  |        |   |   | -10 | 6.0 | -19.026 | -0.0101 | -2.5 to 2.5 | Pass |
|  |        |   |   | 0   | 6.0 | -36.278 | -0.0193 | -2.5 to 2.5 | Pass |
|  |        |   |   | 10  | 6.0 | -50.197 | -0.0267 | -2.5 to 2.5 | Pass |
|  |        |   |   | 30  | 6.0 | -14.133 | -0.0075 | -2.5 to 2.5 | Pass |
|  |        |   |   | 40  | 6.0 | -27.766 | -0.0148 | -2.5 to 2.5 | Pass |
|  |        |   |   | 50  | 6.0 | -41.914 | -0.0223 | -2.5 to 2.5 | Pass |
|  | 1913.5 | 6 | 0 | 20  | 5.4 | -30.155 | -0.0158 | -2.5 to 2.5 | Pass |
|  |        |   |   |     | 6.0 | -38.023 | -0.0199 | -2.5 to 2.5 | Pass |
|  |        |   |   |     | 6.6 | -18.382 | -0.0096 | -2.5 to 2.5 | Pass |
|  |        |   |   | -30 | 6.0 | -15.893 | -0.0083 | -2.5 to 2.5 | Pass |
|  |        |   |   | -20 | 6.0 | -47.894 | -0.0251 | -2.5 to 2.5 | Pass |
|  |        |   |   | -10 | 6.0 | -19.670 | -0.0103 | -2.5 to 2.5 | Pass |
|  |        |   |   | 0   | 6.0 | -48.151 | -0.0252 | -2.5 to 2.5 | Pass |

|  |  |  |  |    |     |         |         |             |      |
|--|--|--|--|----|-----|---------|---------|-------------|------|
|  |  |  |  | 10 | 6.0 | -38.280 | -0.0201 | -2.5 to 2.5 | Pass |
|  |  |  |  | 30 | 6.0 | -20.127 | -0.0105 | -2.5 to 2.5 | Pass |
|  |  |  |  | 40 | 6.0 | -21.372 | -0.0112 | -2.5 to 2.5 | Pass |
|  |  |  |  | 50 | 6.0 | -30.012 | -0.0157 | -2.5 to 2.5 | Pass |

### 3.3 B25\_5MHz

#### 3.3.1 Test Result

| Band: 2 / Bandwidth: 5MHz |                 |               |        |            |               |                  |                       |             |         |
|---------------------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------------|---------|
| Modulation                | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                           |                 | Size          | Offset |            |               |                  | Result                | Limit       |         |
| QPSK                      | 1852.5          | 6             | 0      | 20         | 5.4           | 45.319           | 0.0245                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 6.0           | 5.250            | 0.0028                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 6.6           | -3.347           | -0.0018               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -30        | 6.0           | -19.941          | -0.0108               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -20        | 6.0           | -40.855          | -0.0221               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -10        | 6.0           | -22.144          | -0.0120               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 0          | 6.0           | -9.370           | -0.0051               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 10         | 6.0           | -13.618          | -0.0074               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 30         | 6.0           | -30.985          | -0.0167               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 40         | 6.0           | -47.679          | -0.0257               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 50         | 6.0           | -39.754          | -0.0215               | -2.5 to 2.5 | Pass    |
|                           | 1882.5          | 6             | 0      | 20         | 5.4           | 11.988           | 0.0064                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 6.0           | 16.766           | 0.0089                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 6.6           | 9.756            | 0.0052                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -30        | 6.0           | 1.044            | 0.0006                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -20        | 6.0           | -12.488          | -0.0066               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -10        | 6.0           | -23.289          | -0.0124               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 0          | 6.0           | -34.504          | -0.0184               | -2.5 to 2.5 | Pass    |

|  |        |        |   |     |     |         |         |             |      |
|--|--------|--------|---|-----|-----|---------|---------|-------------|------|
|  |        |        |   | 10  | 6.0 | -29.469 | -0.0157 | -2.5 to 2.5 | Pass |
|  |        |        |   | 30  | 6.0 | -6.580  | -0.0035 | -2.5 to 2.5 | Pass |
|  |        |        |   | 40  | 6.0 | -17.452 | -0.0093 | -2.5 to 2.5 | Pass |
|  |        |        |   | 50  | 6.0 | -29.240 | -0.0156 | -2.5 to 2.5 | Pass |
|  | 1912.5 | 6      | 0 | 20  | 5.4 | 19.298  | 0.0101  | -2.5 to 2.5 | Pass |
|  |        |        |   |     | 6.0 | 17.080  | 0.0090  | -2.5 to 2.5 | Pass |
|  |        |        |   |     | 6.6 | -2.246  | -0.0012 | -2.5 to 2.5 | Pass |
|  |        |        |   | -30 | 6.0 | -29.941 | -0.0157 | -2.5 to 2.5 | Pass |
|  |        |        |   | -20 | 6.0 | -18.396 | -0.0096 | -2.5 to 2.5 | Pass |
|  |        |        |   | -10 | 6.0 | -29.812 | -0.0156 | -2.5 to 2.5 | Pass |
|  |        |        |   | 0   | 6.0 | -28.739 | -0.0151 | -2.5 to 2.5 | Pass |
|  |        |        |   | 10  | 6.0 | -5.436  | -0.0028 | -2.5 to 2.5 | Pass |
|  |        |        |   | 30  | 6.0 | -32.387 | -0.0170 | -2.5 to 2.5 | Pass |
|  |        |        |   | 40  | 6.0 | -23.303 | -0.0122 | -2.5 to 2.5 | Pass |
|  |        |        |   | 50  | 6.0 | -46.349 | -0.0243 | -2.5 to 2.5 | Pass |
|  | 16QAM  | 1852.5 | 6 | 20  | 5.4 | 6.180   | 0.0033  | -2.5 to 2.5 | Pass |
|  |        |        |   |     | 6.0 | -6.938  | -0.0037 | -2.5 to 2.5 | Pass |
|  |        |        |   |     | 6.6 | -17.252 | -0.0093 | -2.5 to 2.5 | Pass |
|  |        |        |   | -30 | 6.0 | -27.308 | -0.0147 | -2.5 to 2.5 | Pass |
|  |        |        |   | -20 | 6.0 | -35.992 | -0.0194 | -2.5 to 2.5 | Pass |
|  |        |        |   | -10 | 6.0 | -45.118 | -0.0244 | -2.5 to 2.5 | Pass |
|  |        |        |   | 0   | 6.0 | -14.091 | -0.0076 | -2.5 to 2.5 | Pass |
|  |        |        |   | 10  | 6.0 | -22.659 | -0.0122 | -2.5 to 2.5 | Pass |
|  |        |        |   | 30  | 6.0 | -30.985 | -0.0167 | -2.5 to 2.5 | Pass |
|  |        |        |   | 40  | 6.0 | -40.498 | -0.0219 | -2.5 to 2.5 | Pass |
|  |        |        |   | 50  | 6.0 | 15.221  | 0.0082  | -2.5 to 2.5 | Pass |
|  |        | 1882.5 | 6 | 20  | 5.4 | -44.045 | -0.0234 | -2.5 to 2.5 | Pass |
|  |        |        |   |     | 6.0 | -49.725 | -0.0264 | -2.5 to 2.5 | Pass |

|  |        |   |   |     |     |         |         |             |      |
|--|--------|---|---|-----|-----|---------|---------|-------------|------|
|  |        |   |   |     | 6.6 | -52.958 | -0.0282 | -2.5 to 2.5 | Pass |
|  |        |   |   | -30 | 6.0 | -7.038  | -0.0037 | -2.5 to 2.5 | Pass |
|  |        |   |   | -20 | 6.0 | -9.856  | -0.0052 | -2.5 to 2.5 | Pass |
|  |        |   |   | -10 | 6.0 | -12.531 | -0.0067 | -2.5 to 2.5 | Pass |
|  |        |   |   | 0   | 6.0 | -12.746 | -0.0068 | -2.5 to 2.5 | Pass |
|  |        |   |   | 10  | 6.0 | -17.552 | -0.0093 | -2.5 to 2.5 | Pass |
|  |        |   |   | 30  | 6.0 | -20.657 | -0.0110 | -2.5 to 2.5 | Pass |
|  |        |   |   | 40  | 6.0 | -26.193 | -0.0139 | -2.5 to 2.5 | Pass |
|  |        |   |   | 50  | 6.0 | -30.055 | -0.0160 | -2.5 to 2.5 | Pass |
|  | 1912.5 | 6 | 0 | 20  | 5.4 | -8.039  | -0.0042 | -2.5 to 2.5 | Pass |
|  |        |   |   |     | 6.0 | -27.165 | -0.0142 | -2.5 to 2.5 | Pass |
|  |        |   |   |     | 6.6 | -37.808 | -0.0198 | -2.5 to 2.5 | Pass |
|  |        |   |   | -30 | 6.0 | -10.300 | -0.0054 | -2.5 to 2.5 | Pass |
|  |        |   |   | -20 | 6.0 | -18.840 | -0.0099 | -2.5 to 2.5 | Pass |
|  |        |   |   | -10 | 6.0 | -26.822 | -0.0141 | -2.5 to 2.5 | Pass |
|  |        |   |   | 0   | 6.0 | -33.774 | -0.0177 | -2.5 to 2.5 | Pass |
|  |        |   |   | 10  | 6.0 | -47.693 | -0.0250 | -2.5 to 2.5 | Pass |
|  |        |   |   | 30  | 6.0 | -3.161  | -0.0017 | -2.5 to 2.5 | Pass |
|  |        |   |   | 40  | 6.0 | -14.992 | -0.0079 | -2.5 to 2.5 | Pass |
|  |        |   |   | 50  | 6.0 | -22.602 | -0.0118 | -2.5 to 2.5 | Pass |

### 3.4 B25\_10MHz

#### 2.4.1 Test Result

| Band: 2 / Bandwidth: 10MHz |                 |               |        |            |               |                  |                       |             |         |
|----------------------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------------|---------|
| Modulation                 | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                            |                 | Size          | Offset |            |               |                  | Result                | Limit       |         |
| QPSK                       | 1855            | 6             | 0      | 20         | 5.4           | -16.465          | -0.0089               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 6.0           | -32.001          | -0.0173               | -2.5 to 2.5 | Pass    |