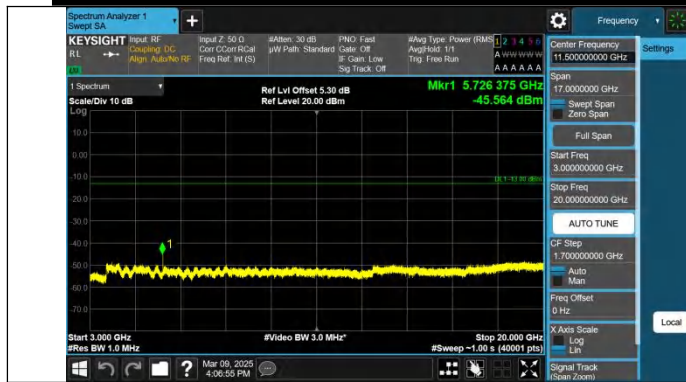
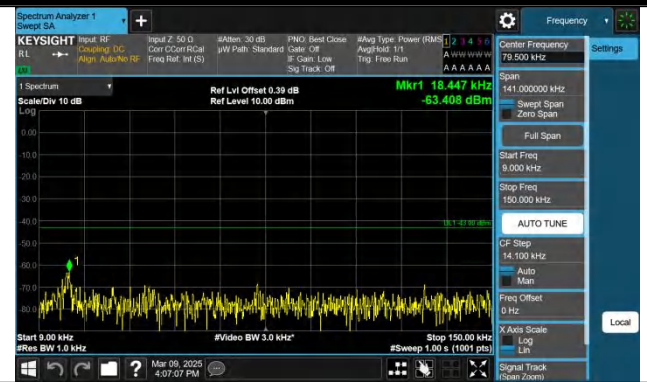
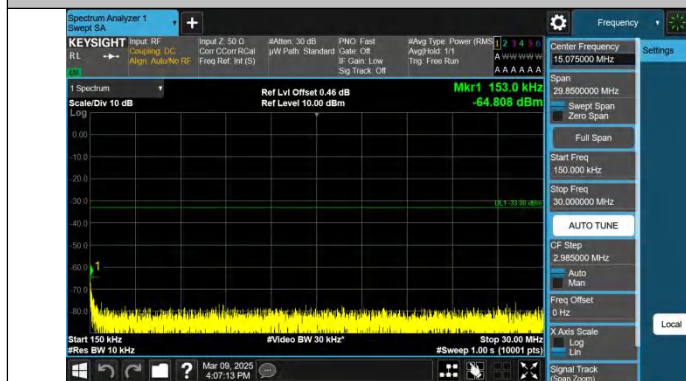




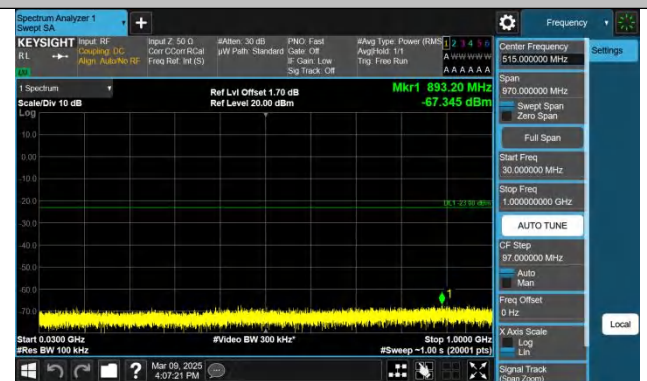
Band2-1.4MHz-QPSK-19193-1RB#0-3000~20000-PASS



Band2-1.4MHz-QPSK-19193-1RB#5-0.009~0.15-PASS



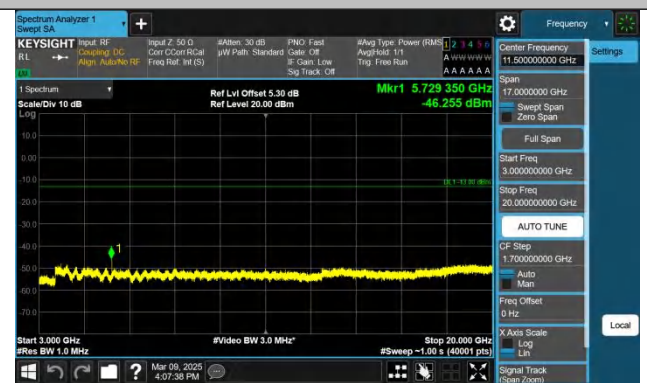
Band2-1.4MHz-QPSK-19193-1RB#5-0.15~30-PASS



Band2-1.4MHz-QPSK-19193-1RB#5-30~1000-PASS



Band2-1.4MHz-QPSK-19193-1RB#5-1000~3000-PASS



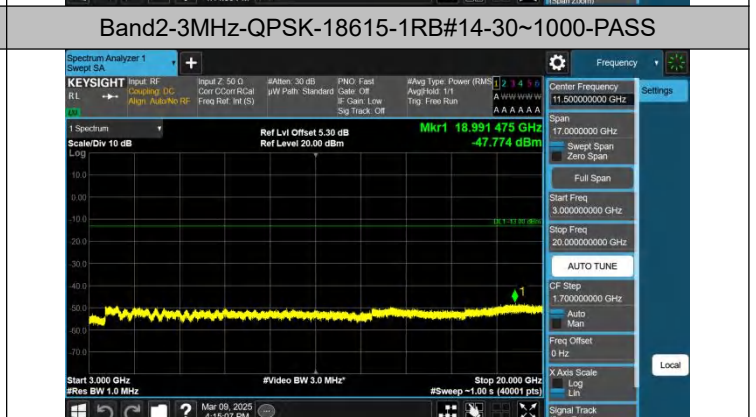
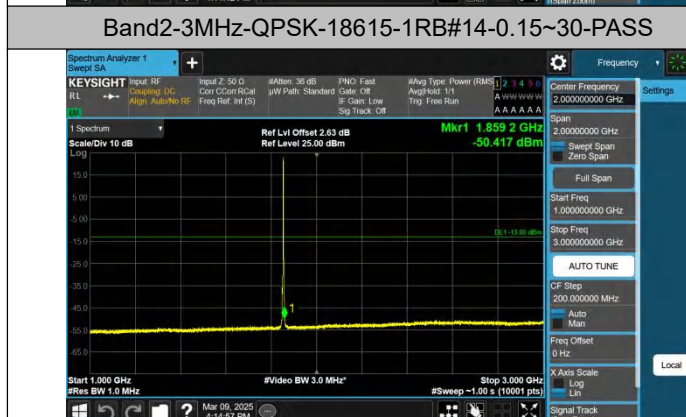
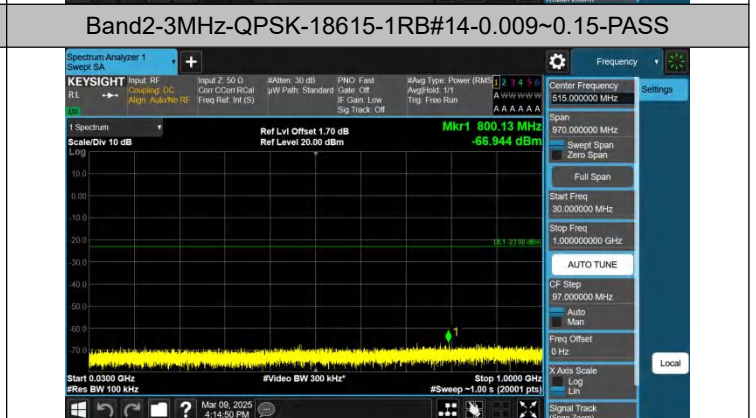
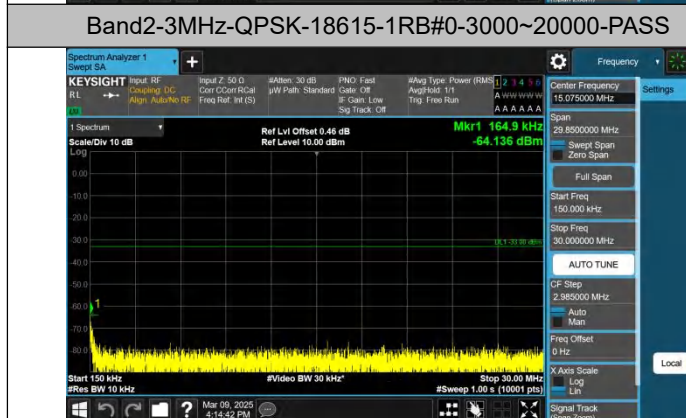
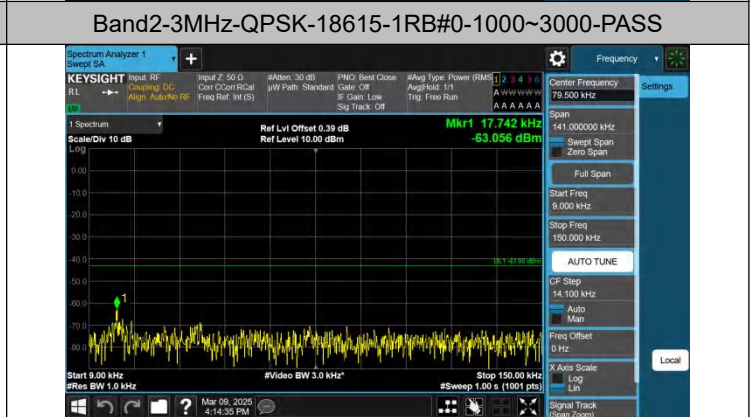
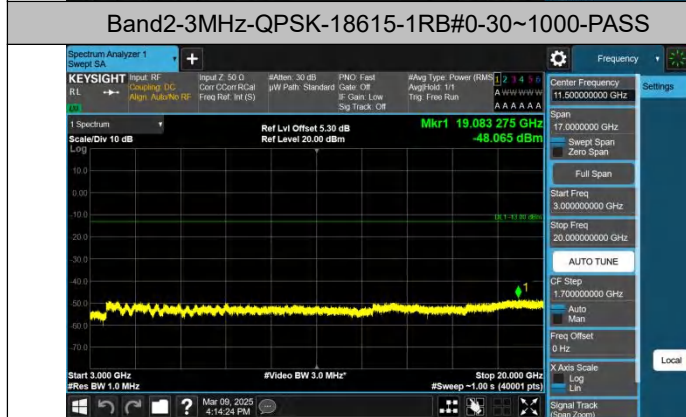
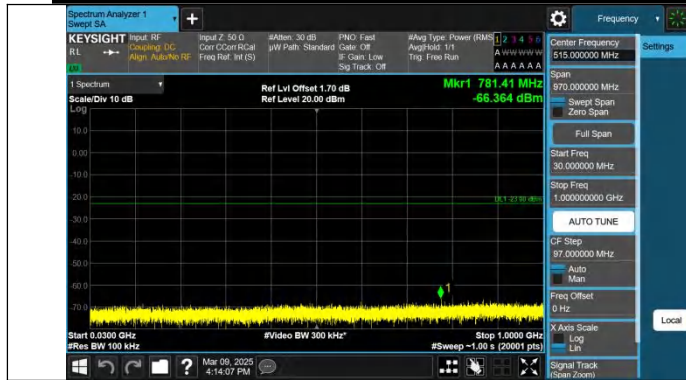
Band2-1.4MHz-QPSK-19193-1RB#5-3000~20000-PASS

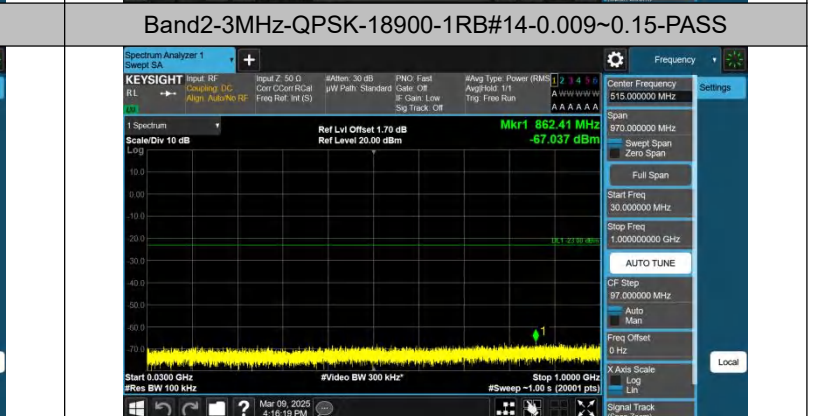
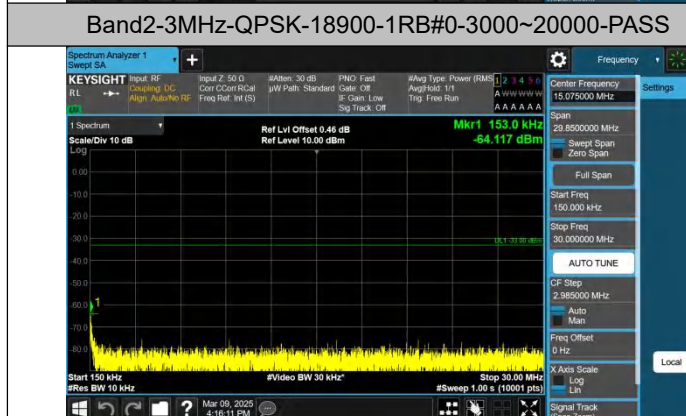
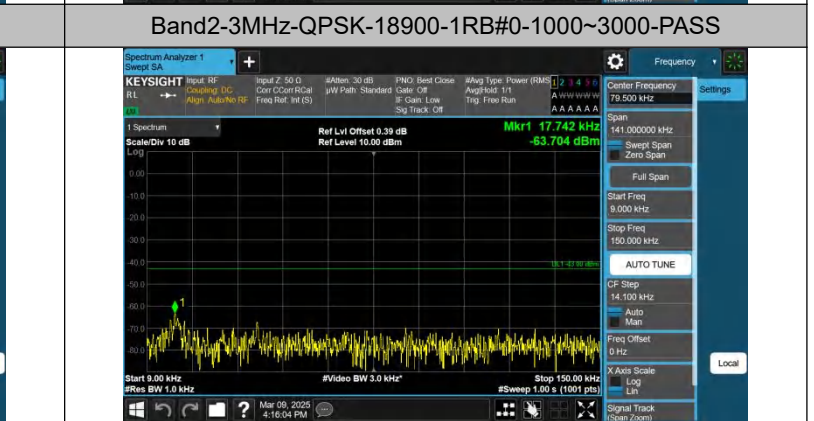
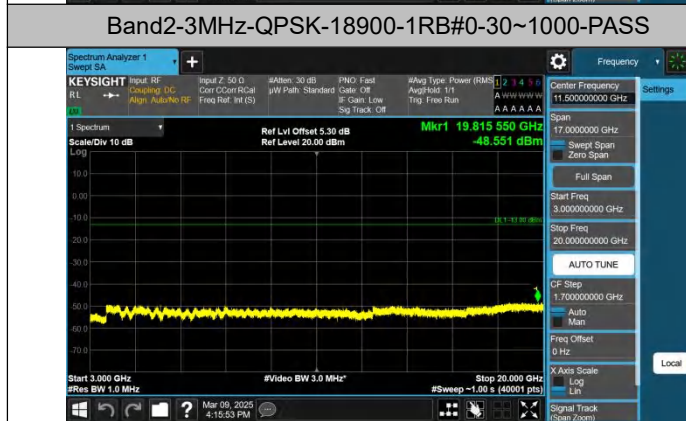
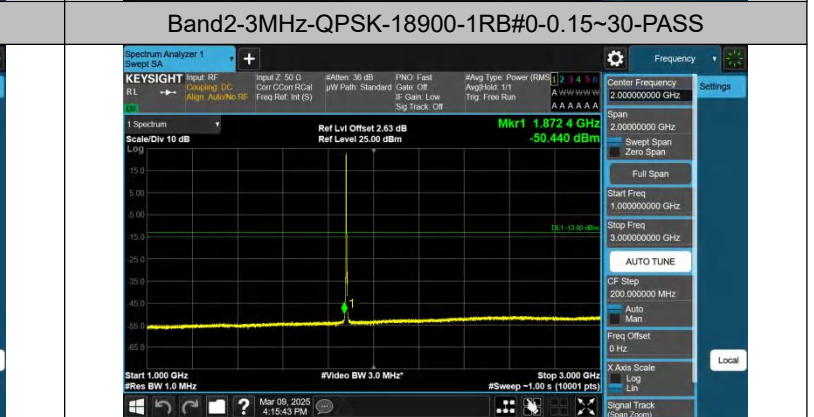
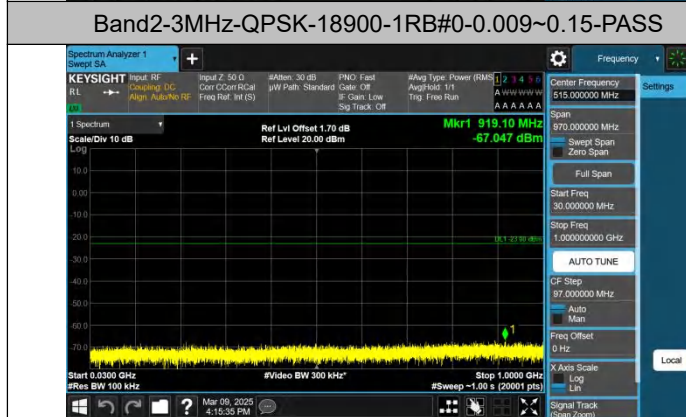
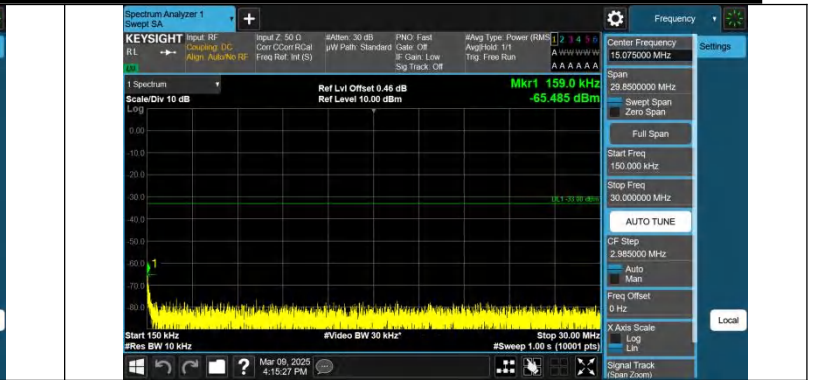
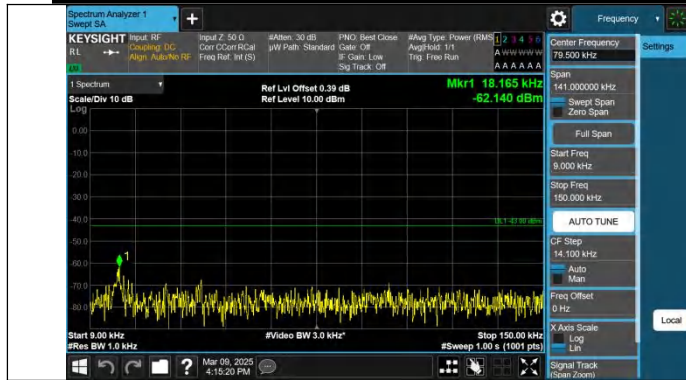


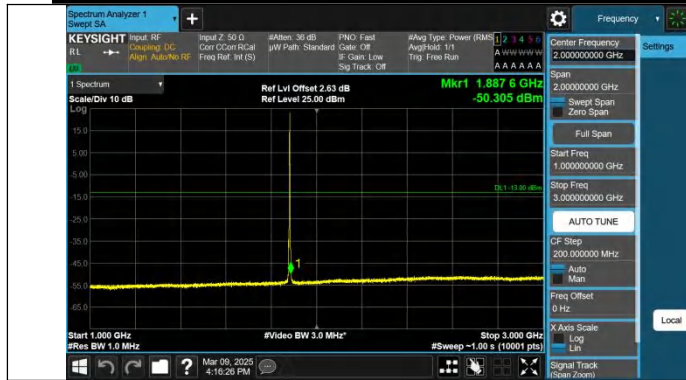
Band2-3MHz-QPSK-18615-1RB#0-0.009~0.15-PASS



Band2-3MHz-QPSK-18615-1RB#0-0.15~30-PASS



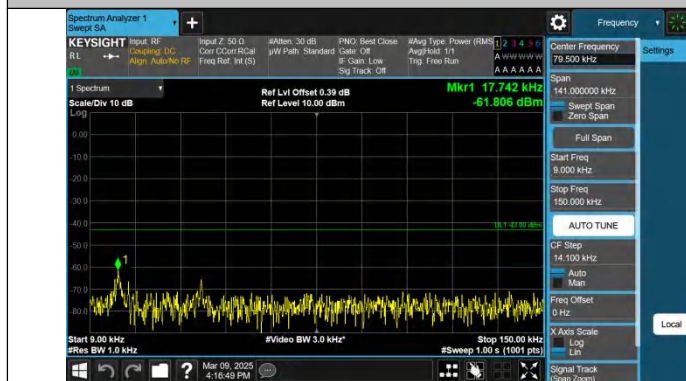




Band2-3MHz-QPSK-18900-1RB#14-1000~3000-PASS



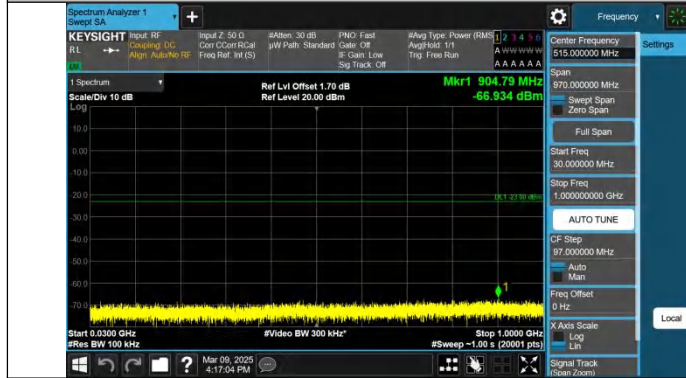
Band2-3MHz-QPSK-18900-1RB#14-3000~20000-PASS



Band2-3MHz-QPSK-19185-1RB#0-0.009~0.15-PASS



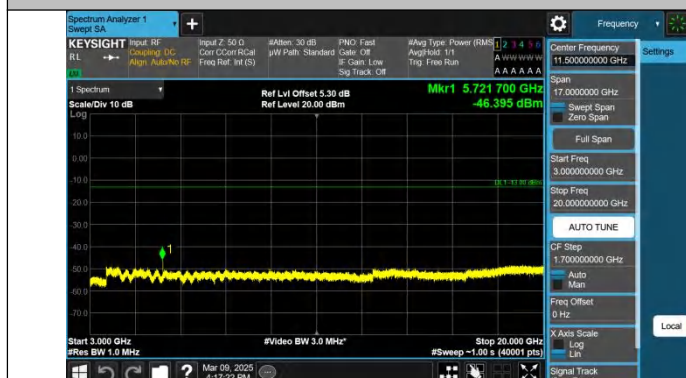
Band2-3MHz-QPSK-19185-1RB#0-0.15~30-PASS



Band2-3MHz-QPSK-19185-1RB#0-0.30~1000-PASS



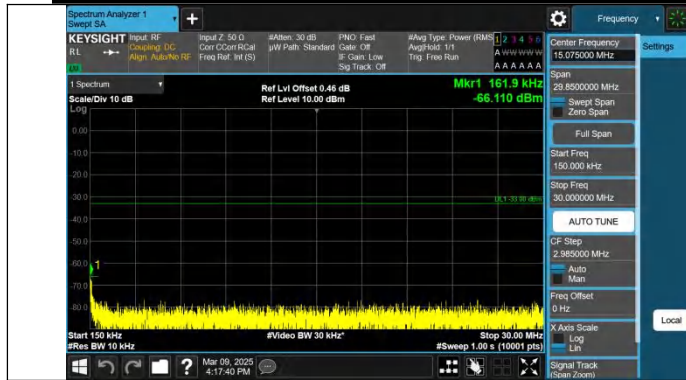
Band2-3MHz-QPSK-19185-1RB#0-1000~3000-PASS



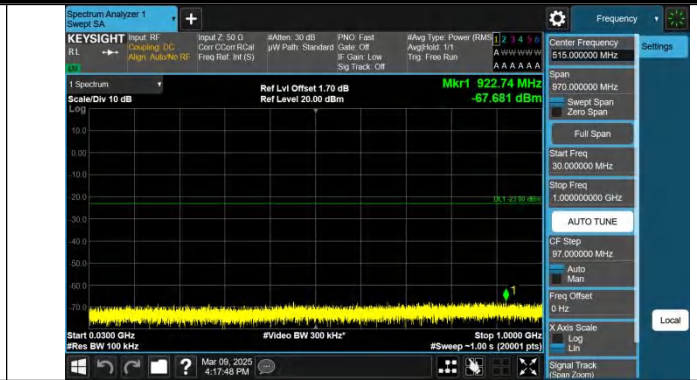
Band2-3MHz-QPSK-19185-1RB#0-3000~20000-PASS



Band2-3MHz-QPSK-19185-1RB#14-0.009~0.15-PASS



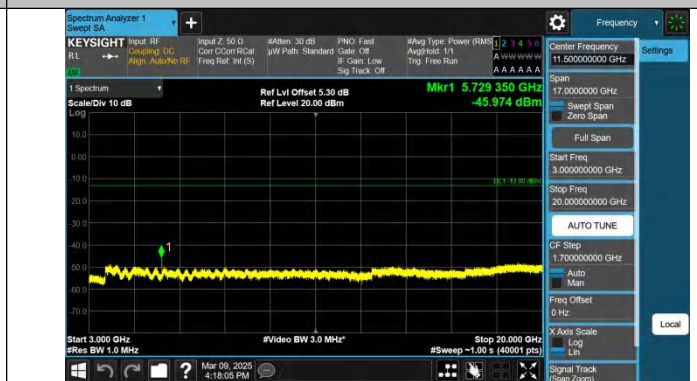
Band2-3MHz-QPSK-19185-1RB#14-0.15~30-PASS



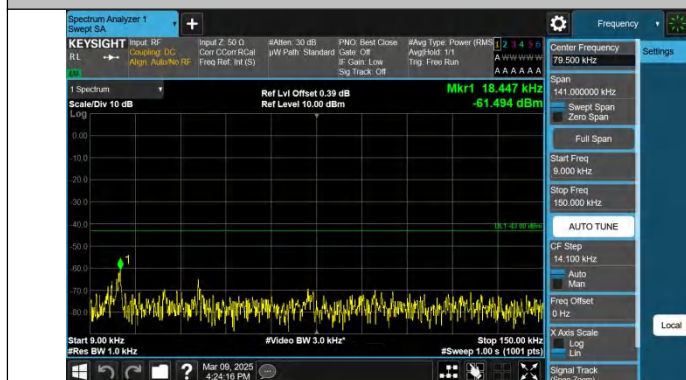
Band2-3MHz-QPSK-19185-1RB#14-30~1000-PASS



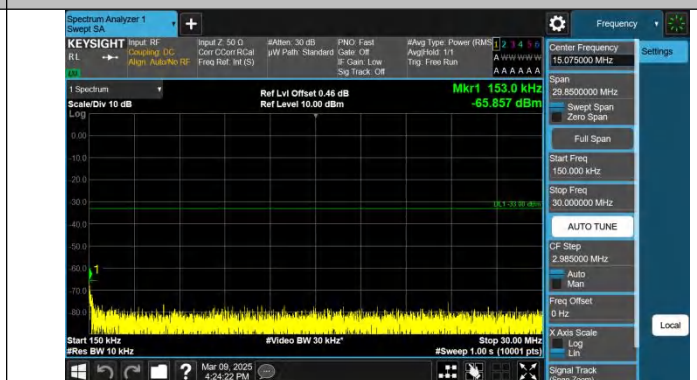
Band2-3MHz-QPSK-19185-1RB#14-1000~3000-PASS



Band2-3MHz-QPSK-19185-1RB#14-3000~20000-PASS



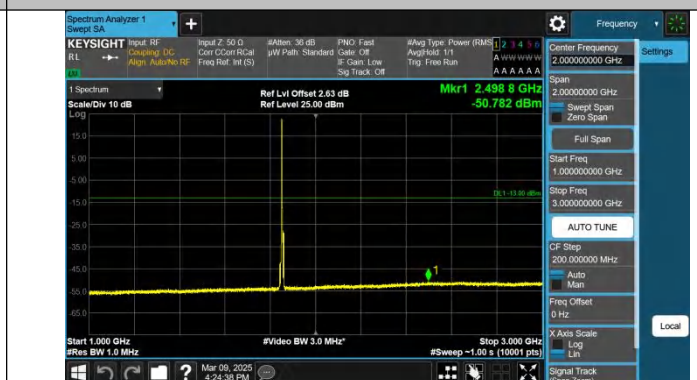
Band2-5MHz-QPSK-18625-1RB#0-0.009~0.15-PASS



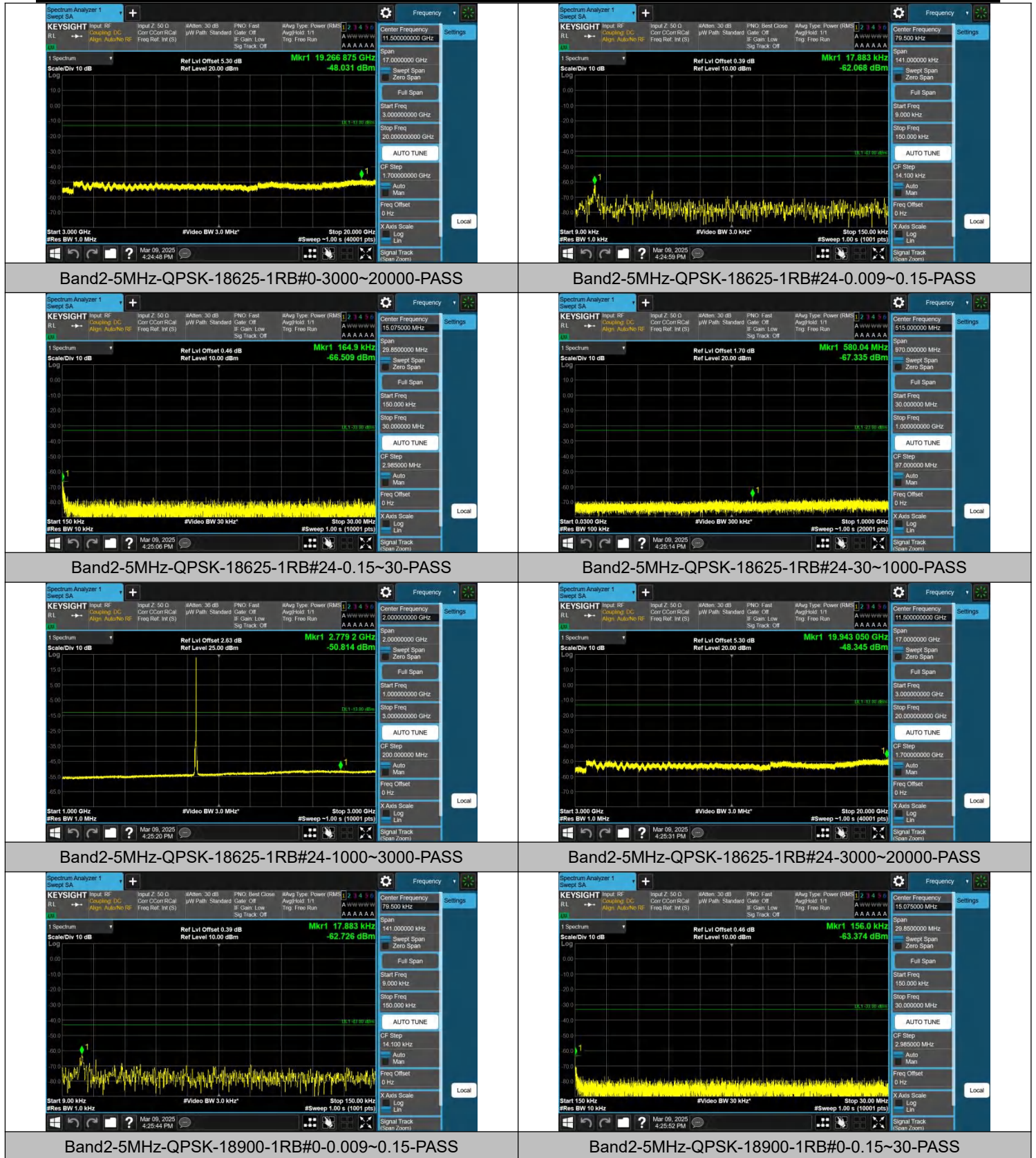
Band2-5MHz-QPSK-18625-1RB#0-0.15~30-PASS

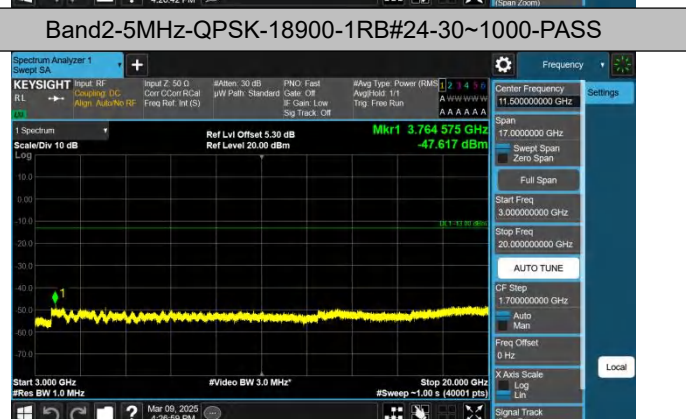
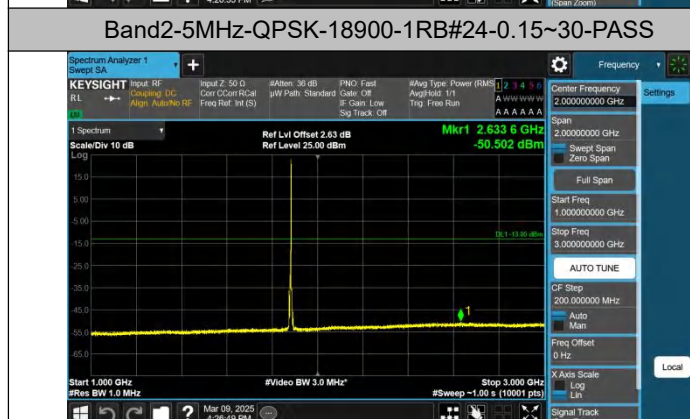
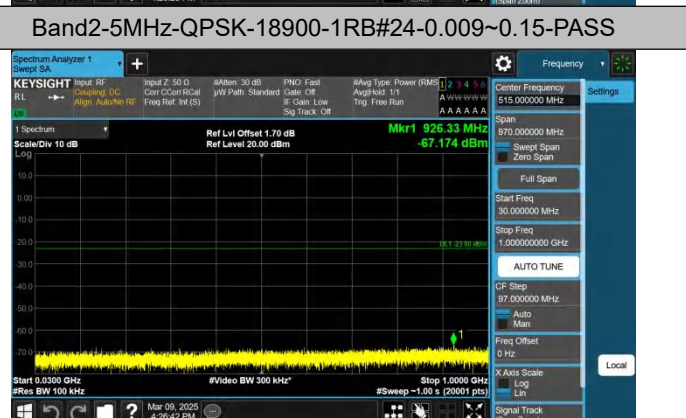
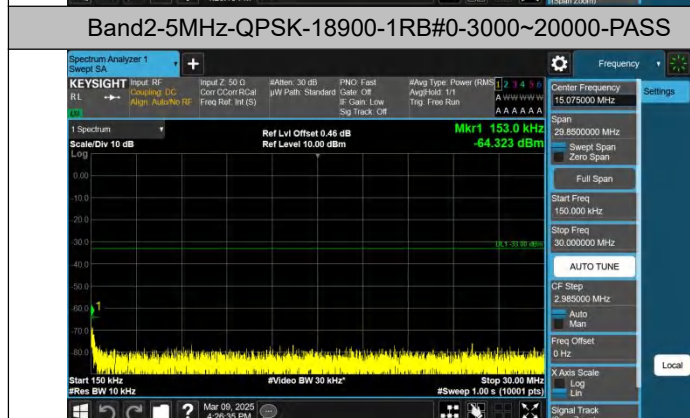
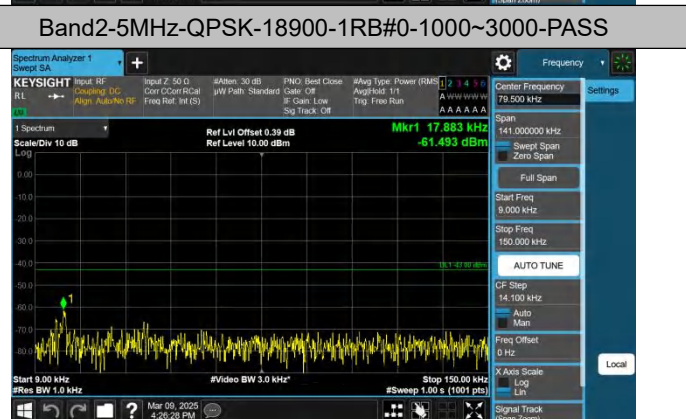
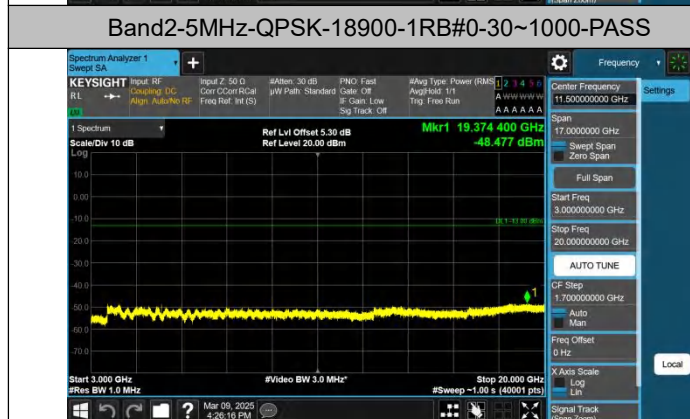
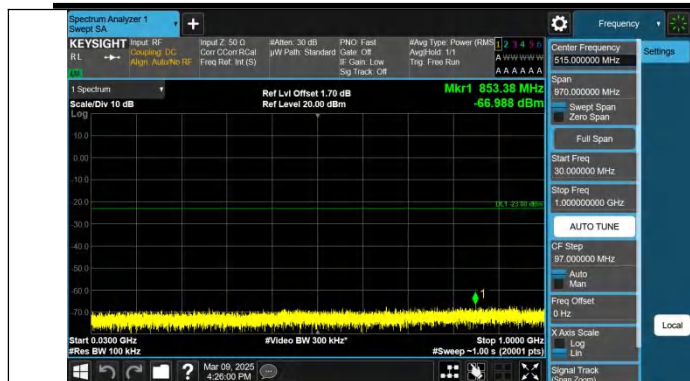


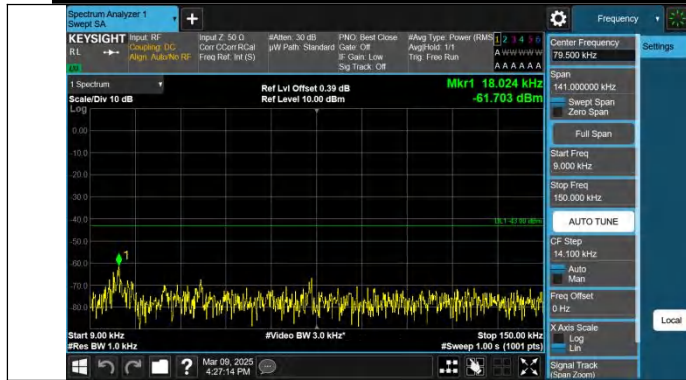
Band2-5MHz-QPSK-18625-1RB#0-30~1000-PASS



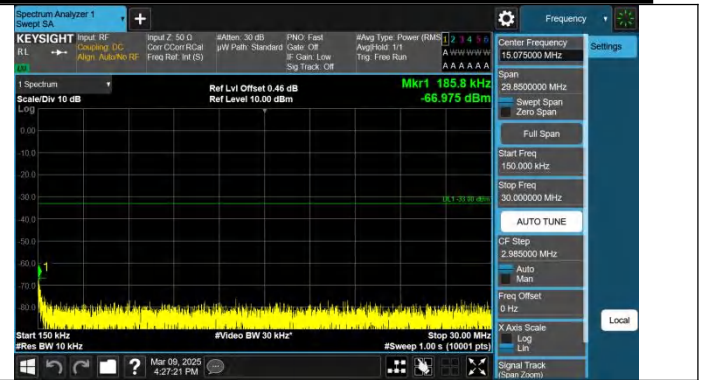
Band2-5MHz-QPSK-18625-1RB#0-1000~3000-PASS



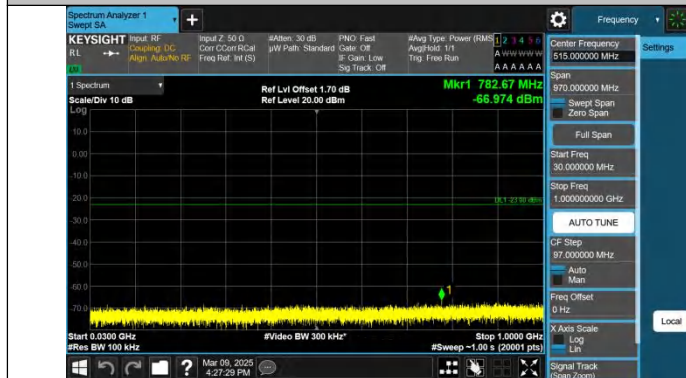




Band2-5MHz-QPSK-19175-1RB#0-0.009~0.15-PASS



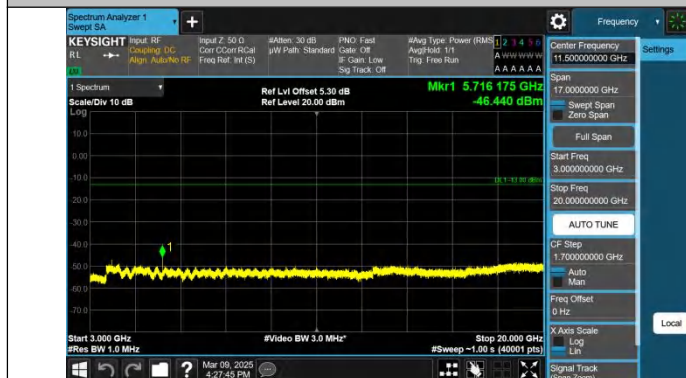
Band2-5MHz-QPSK-19175-1RB#0-0.15~30-PASS



Band2-5MHz-QPSK-19175-1RB#0-30~1000-PASS



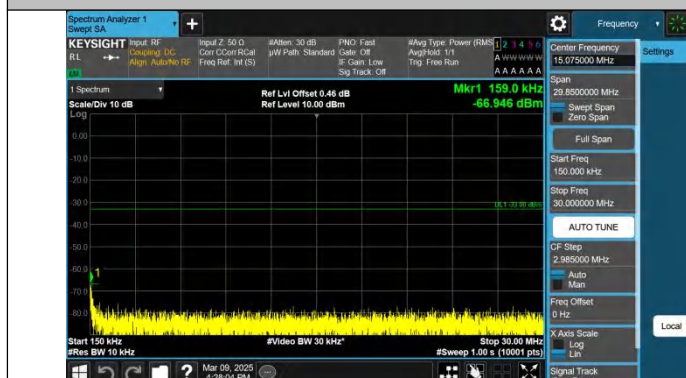
Band2-5MHz-QPSK-19175-1RB#0-1000~3000-PASS



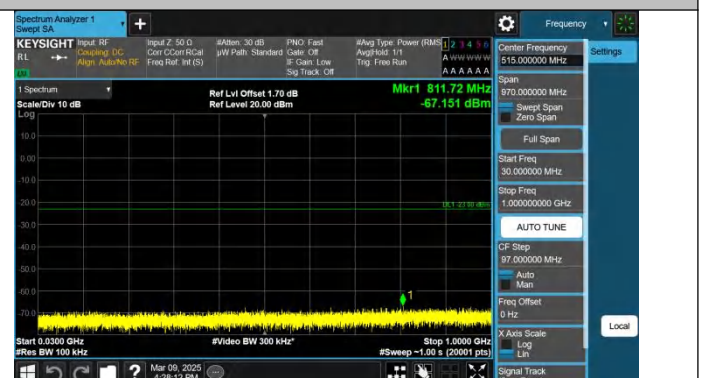
Band2-5MHz-QPSK-19175-1RB#0-3000~20000-PASS



Band2-5MHz-QPSK-19175-1RB#24-0.009~0.15-PASS



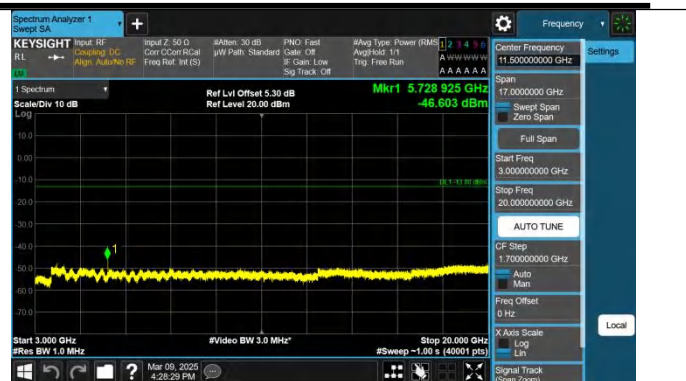
Band2-5MHz-QPSK-19175-1RB#24-0.15~30-PASS



Band2-5MHz-QPSK-19175-1RB#24-30~1000-PASS



Band2-5MHz-QPSK-19175-1RB#24-1000~3000-PASS



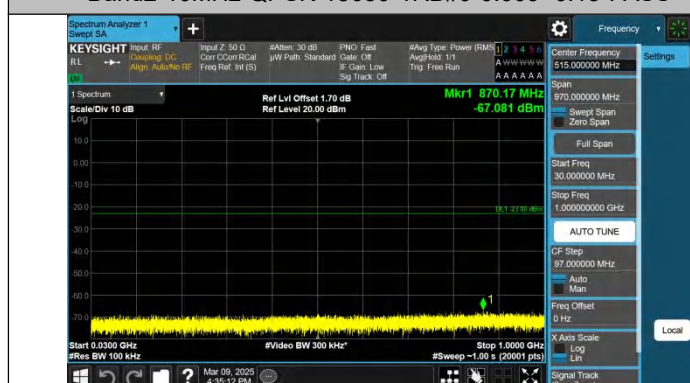
Band2-5MHz-QPSK-19175-1RB#24-3000~20000-PASS



Band2-10MHz-QPSK-18650-1RB#0-0.009~0.15-PASS



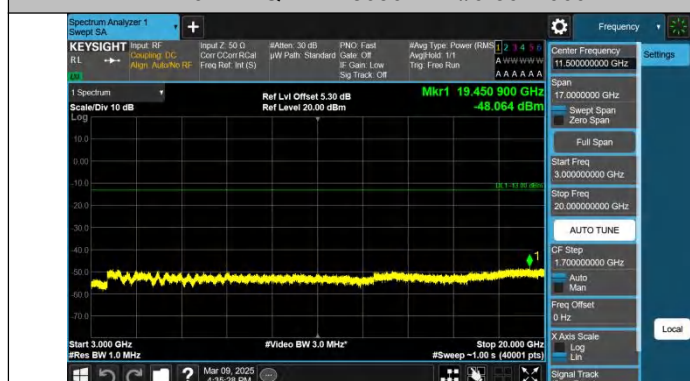
Band2-10MHz-QPSK-18650-1RB#0-0.15~30-PASS



Band2-10MHz-QPSK-18650-1RB#0-30~1000-PASS



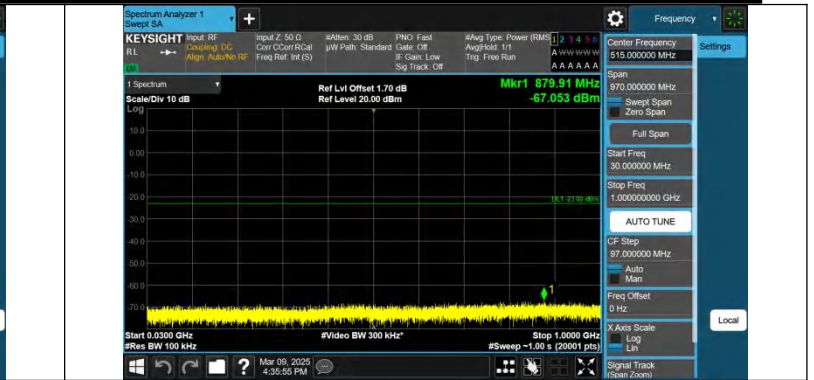
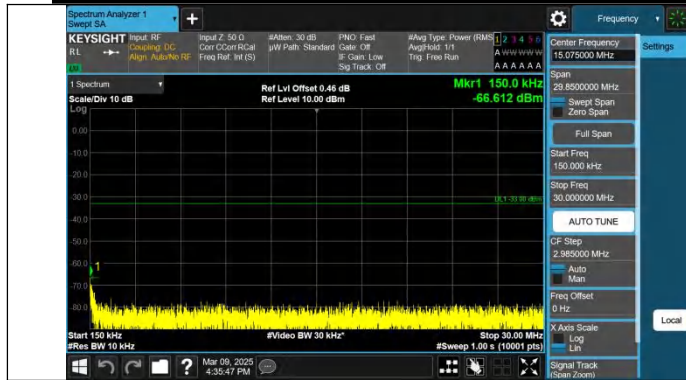
Band2-10MHz-QPSK-18650-1RB#0-1000~3000-PASS



Band2-10MHz-QPSK-18650-1RB#0-3000~20000-PASS

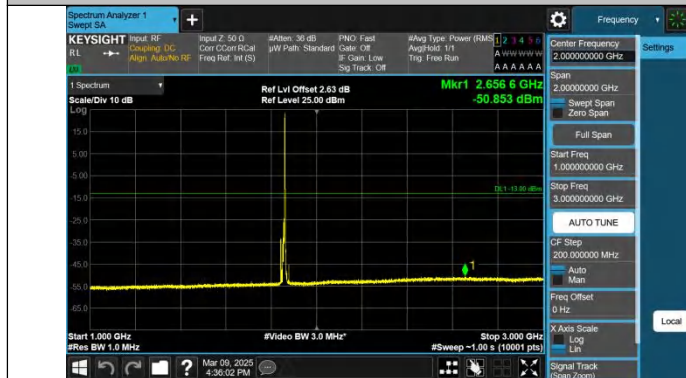


Band2-10MHz-QPSK-18650-1RB#49-0.009~0.15-PASS



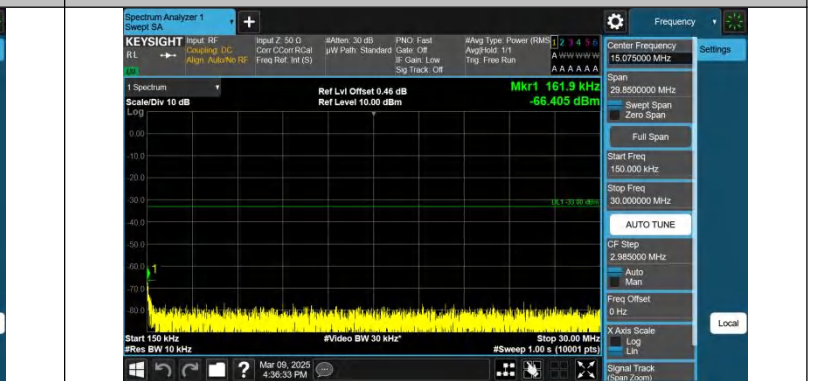
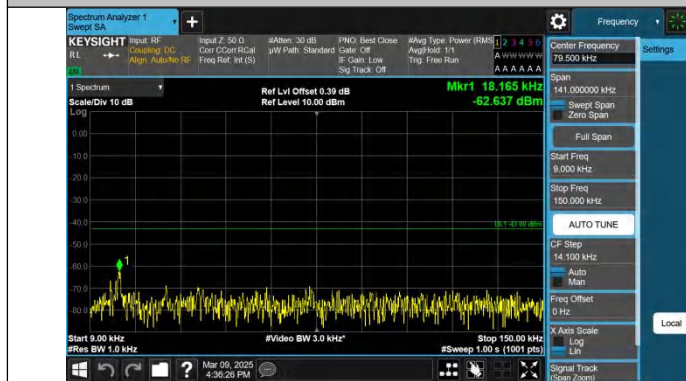
Band2-10MHz-QPSK-18650-1RB#49-0.15~30-PASS

Band2-10MHz-QPSK-18650-1RB#49-30~1000-PASS



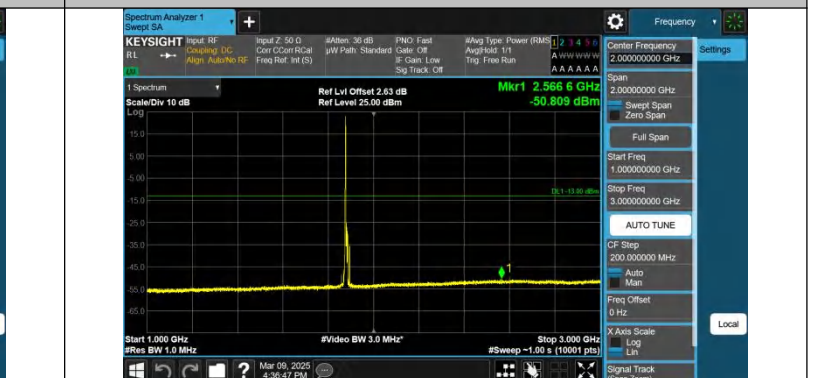
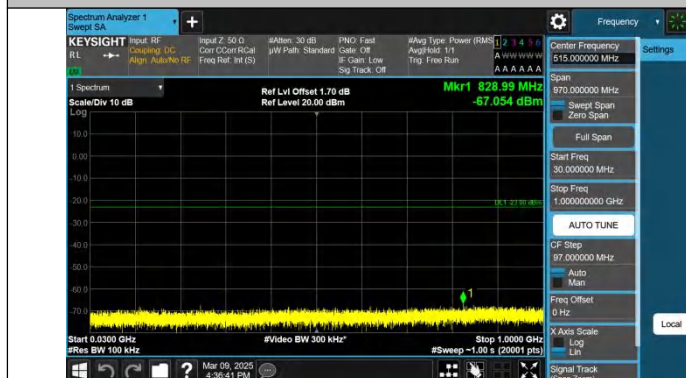
Band2-10MHz-QPSK-18650-1RB#49-1000~3000-PASS

Band2-10MHz-QPSK-18650-1RB#49-3000~20000-PASS



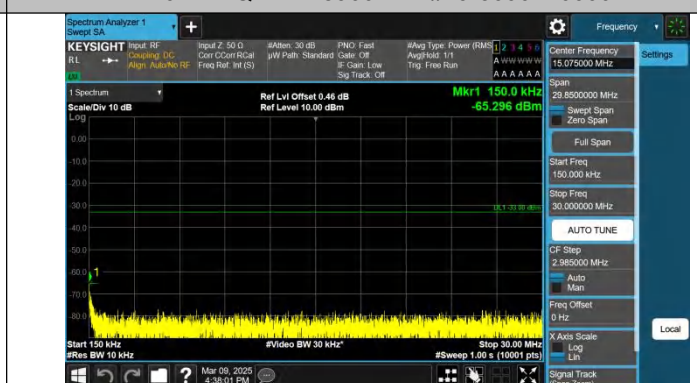
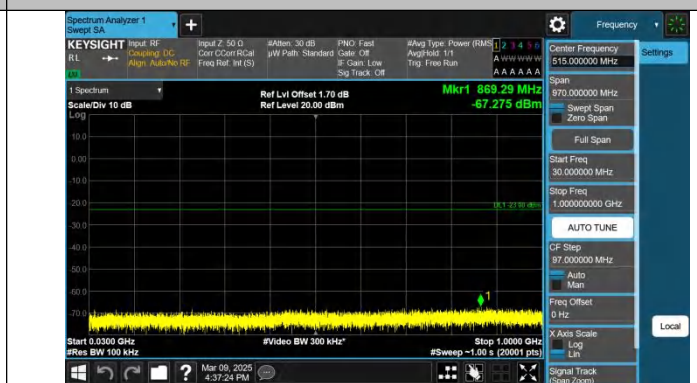
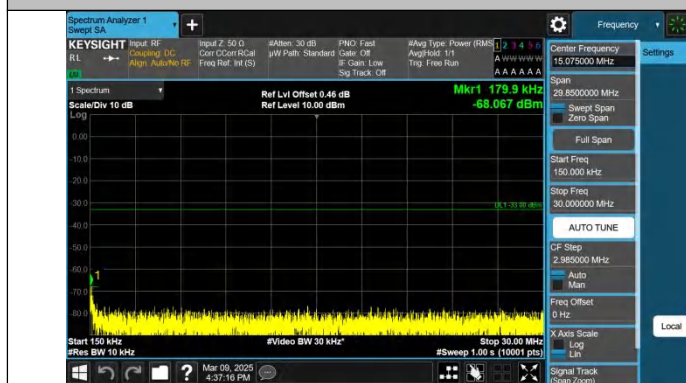
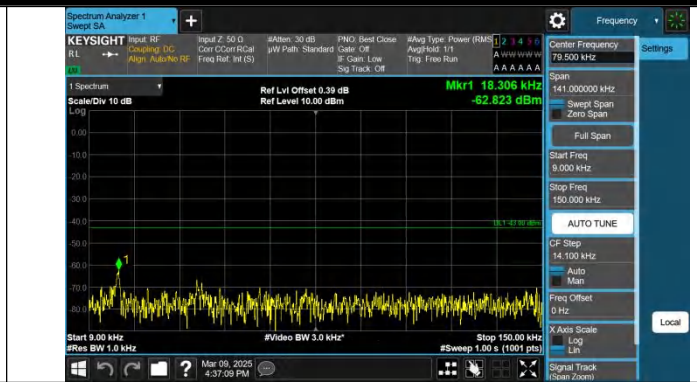
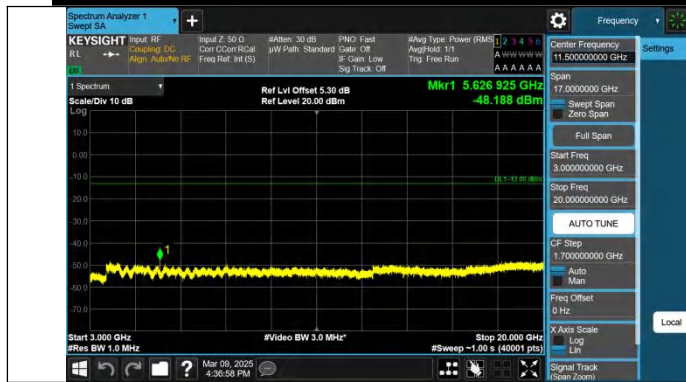
Band2-10MHz-QPSK-18900-1RB#0-0.009~0.15-PASS

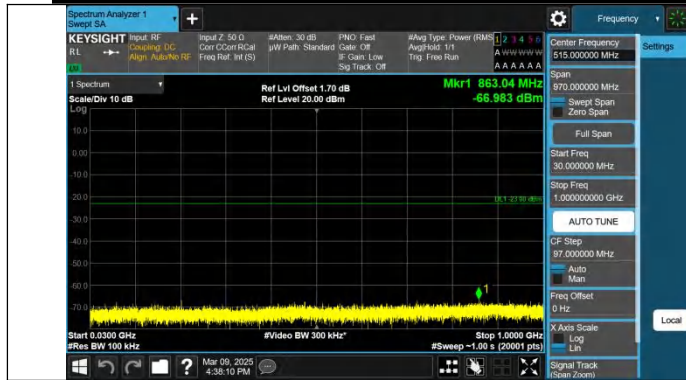
Band2-10MHz-QPSK-18900-1RB#0-0.15~30-PASS



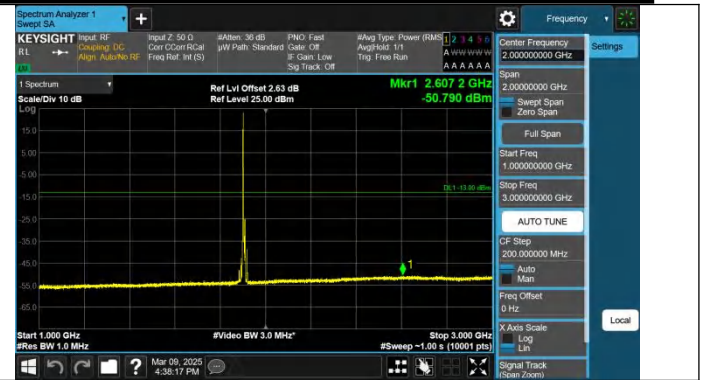
Band2-10MHz-QPSK-18900-1RB#0-30~1000-PASS

Band2-10MHz-QPSK-18900-1RB#0-1000~3000-PASS

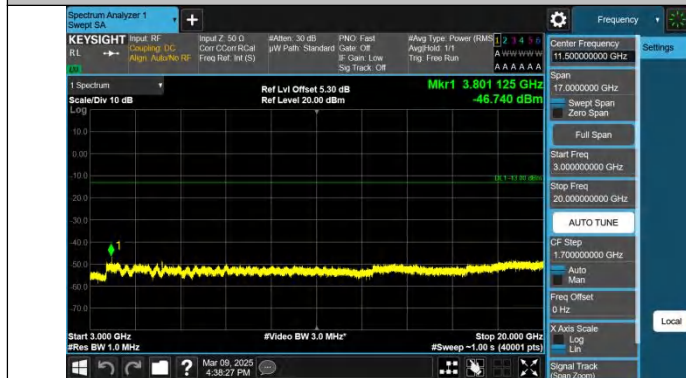




Band2-10MHz-QPSK-19150-1RB#0-30~1000-PASS



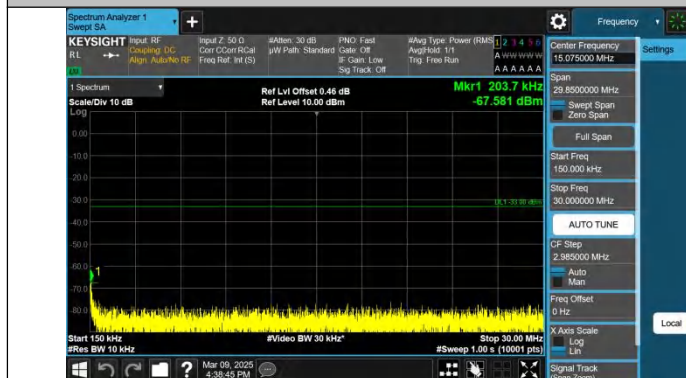
Band2-10MHz-QPSK-19150-1RB#0-1000~3000-PASS



Band2-10MHz-QPSK-19150-1RB#0-3000~20000-PASS



Band2-10MHz-QPSK-19150-1RB#49-0.009~0.15-PASS



Band2-10MHz-QPSK-19150-1RB#49-0.15~30-PASS



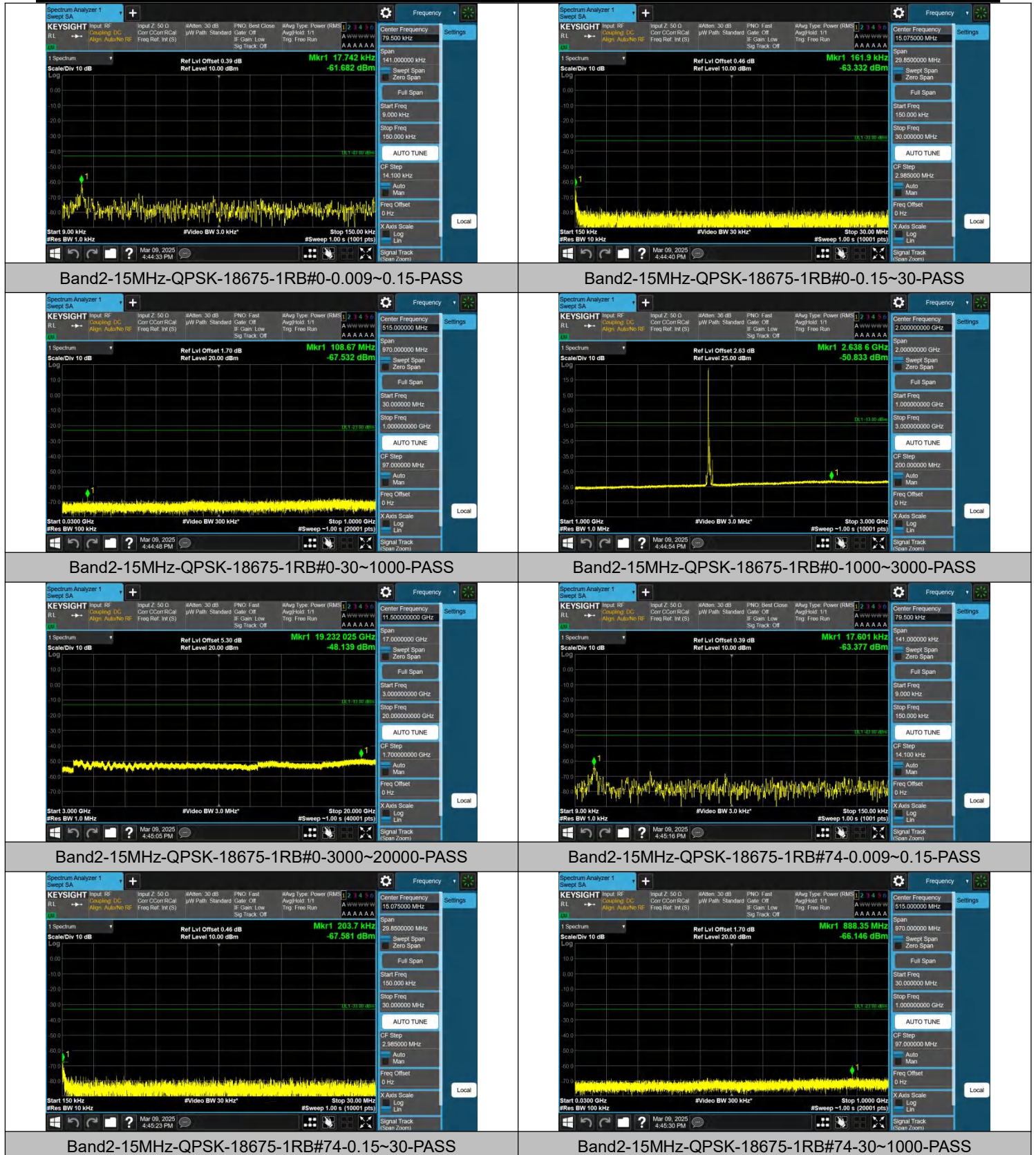
Band2-10MHz-QPSK-19150-1RB#49-30~1000-PASS

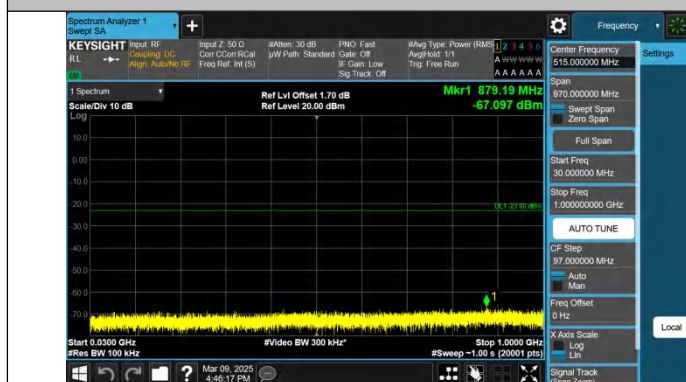
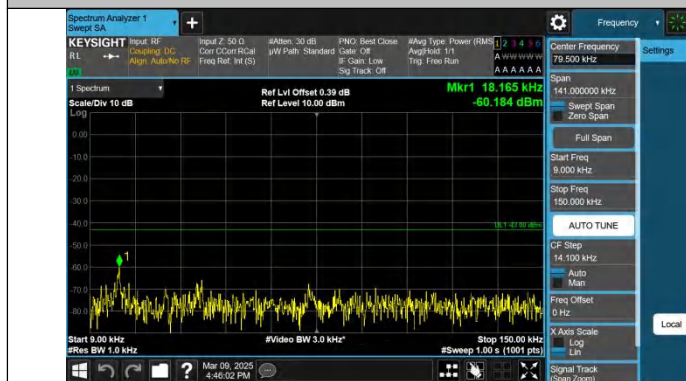
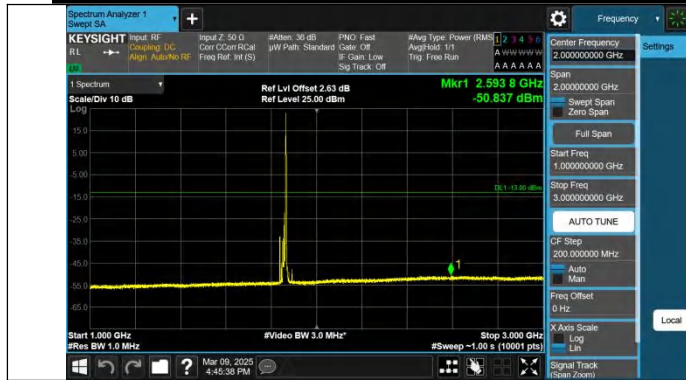


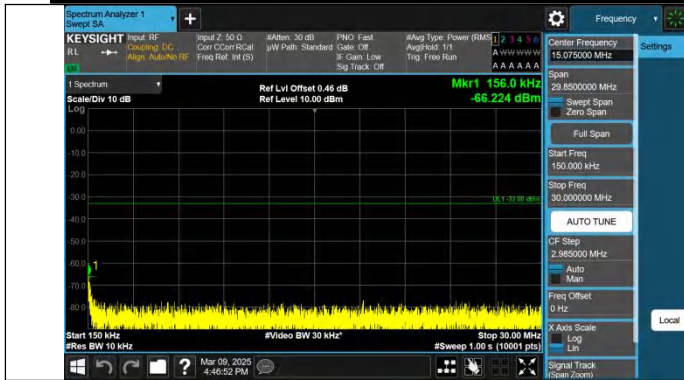
Band2-10MHz-QPSK-19150-1RB#49-1000~3000-PASS



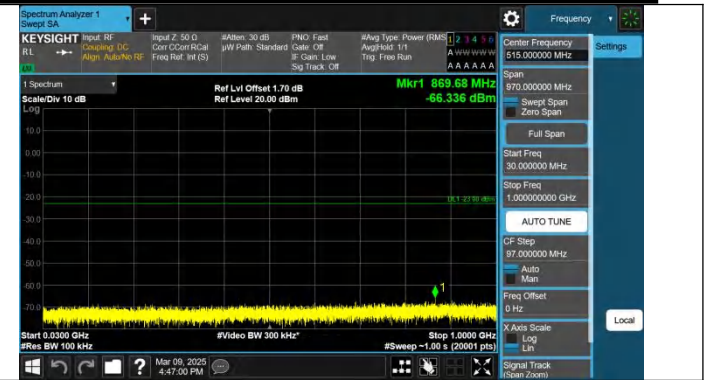
Band2-10MHz-QPSK-19150-1RB#49-3000~20000-PASS



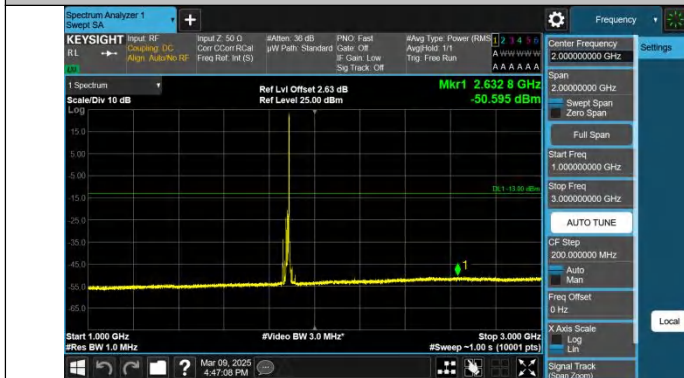




Band2-15MHz-QPSK-18900-1RB#74-0.15~30-PASS



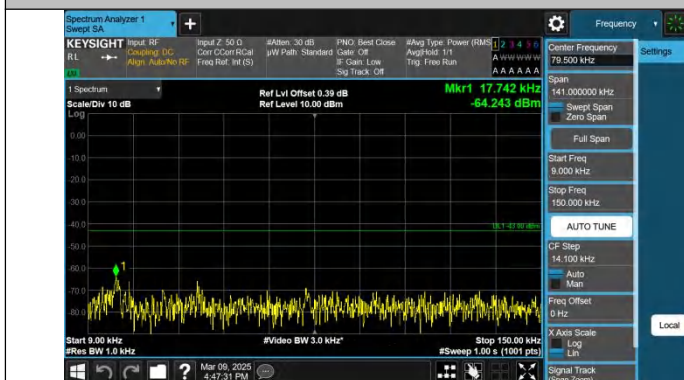
Band2-15MHz-QPSK-18900-1RB#74-30~1000-PASS



Band2-15MHz-QPSK-18900-1RB#74-1000~3000-PASS



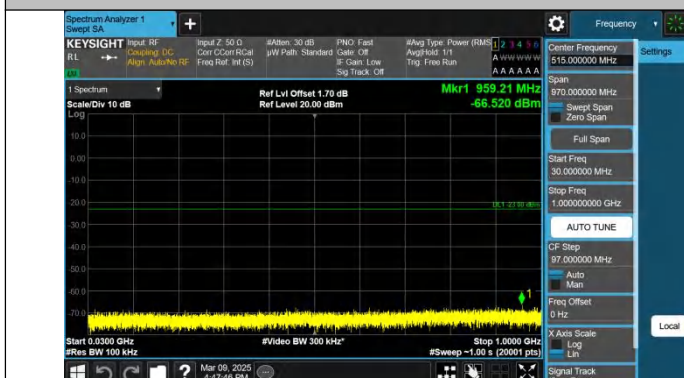
Band2-15MHz-QPSK-18900-1RB#74-3000~20000-PASS



Band2-15MHz-QPSK-19125-1RB#0-0.009~0.15-PASS



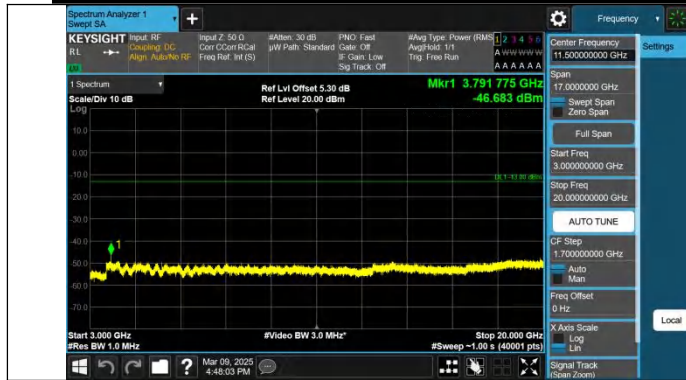
Band2-15MHz-QPSK-19125-1RB#0-0.15~30-PASS



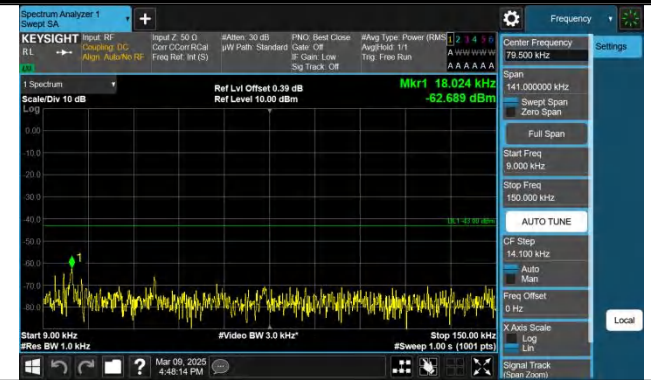
Band2-15MHz-QPSK-19125-1RB#0-30~1000-PASS



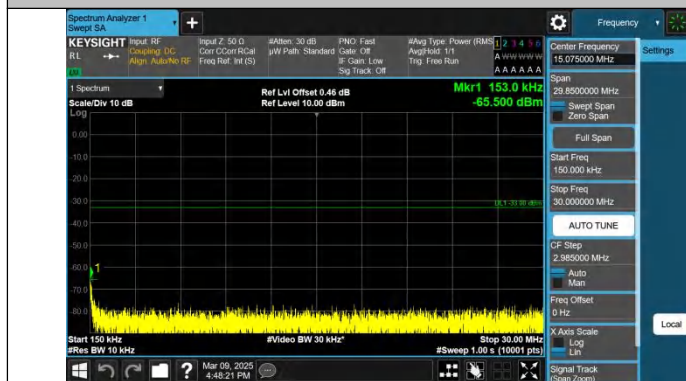
Band2-15MHz-QPSK-19125-1RB#0-1000~3000-PASS



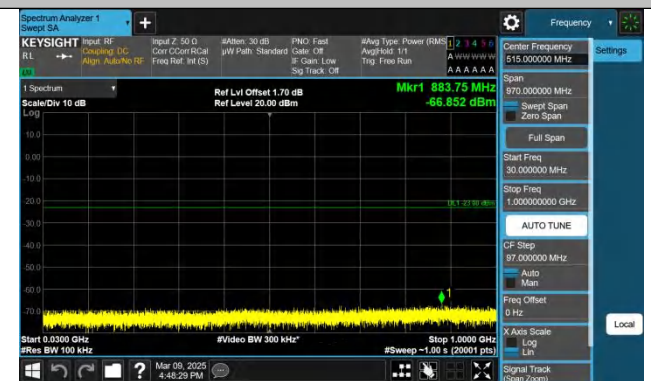
Band2-15MHz-QPSK-19125-1RB#0-3000~20000-PASS



Band2-15MHz-QPSK-19125-1RB#74-0.009~0.15-PASS



Band2-15MHz-QPSK-19125-1RB#74-0.15~30-PASS



Band2-15MHz-QPSK-19125-1RB#74-30~1000-PASS



Band2-15MHz-QPSK-19125-1RB#74-1000~3000-PASS



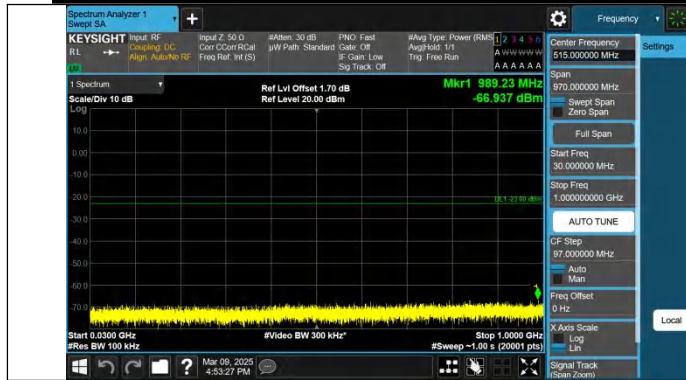
Band2-15MHz-QPSK-19125-1RB#74-3000~20000-PASS



Band2-20MHz-QPSK-18700-1RB#0-0.009~0.15-PASS



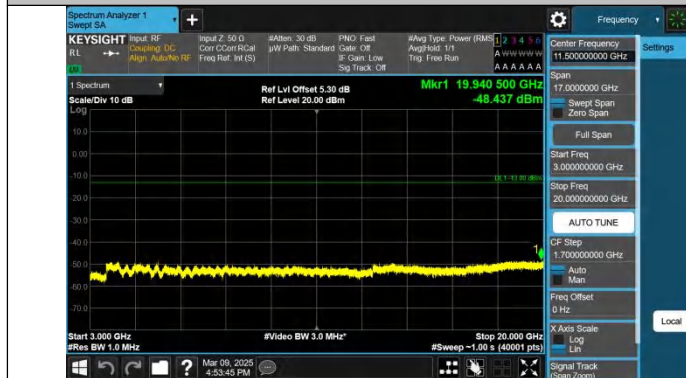
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Band2-20MHz-QPSK-18700-1RB#0-30~1000-PASS



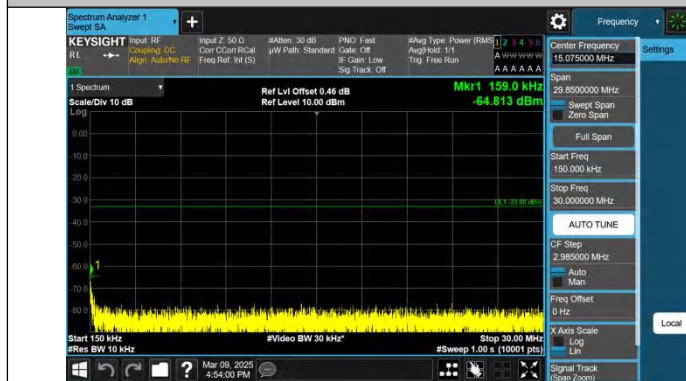
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Band2-20MHz-QPSK-18700-1RB#0-3000~20000-PASS



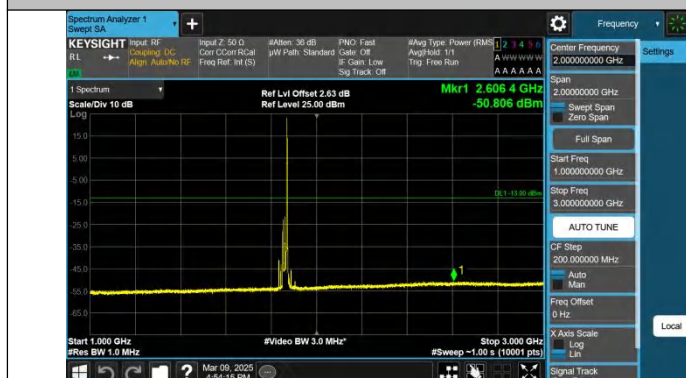
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Band2-20MHz-QPSK-18700-1RB#99-0.15~30-PASS



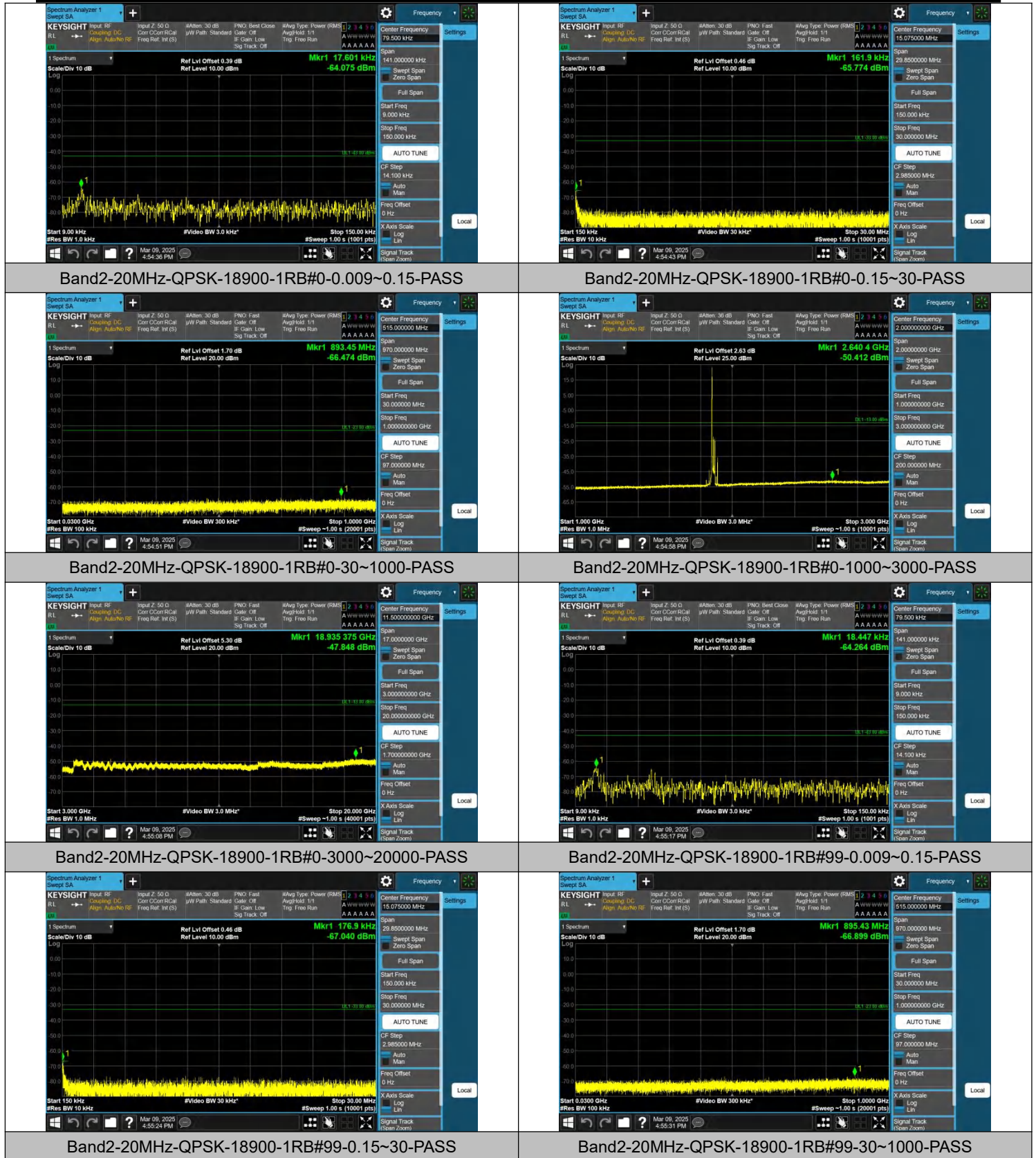
Band2-20MHz-QPSK-18700-1RB#99-30~1000-PASS

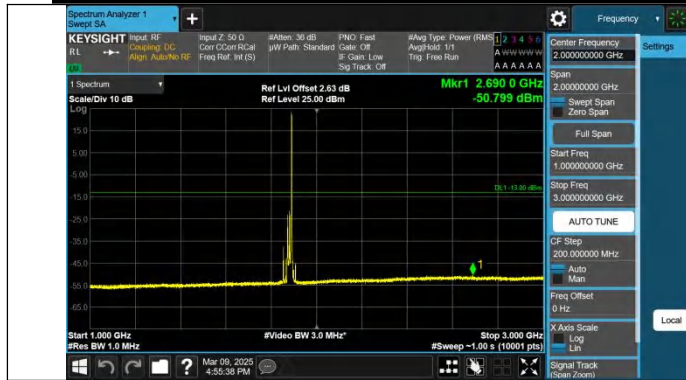


Band2-20MHz-QPSK-18700-1RB#99-1000~3000-PASS



Band2-20MHz-QPSK-18700-1RB#99-3000~20000-PASS

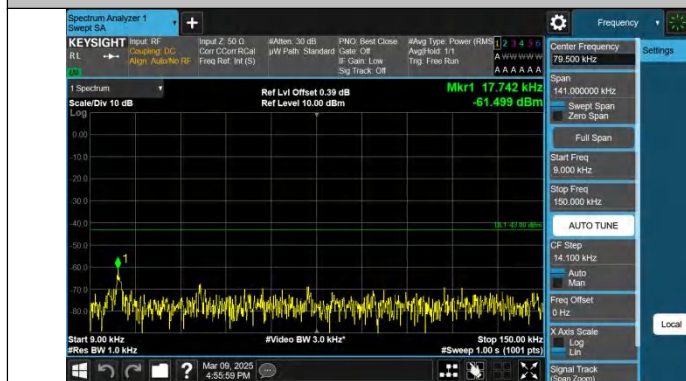




Band2-20MHz-QPSK-18900-1RB#99-1000~3000-PASS



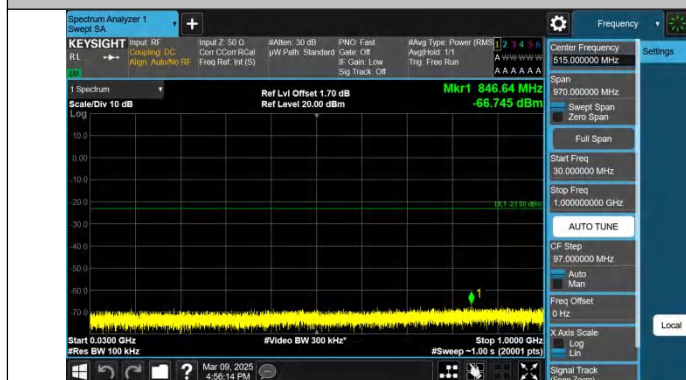
Band2-20MHz-QPSK-18900-1RB#99-3000~20000-PASS



Band2-20MHz-QPSK-19100-1RB#0-0.009~0.15-PASS



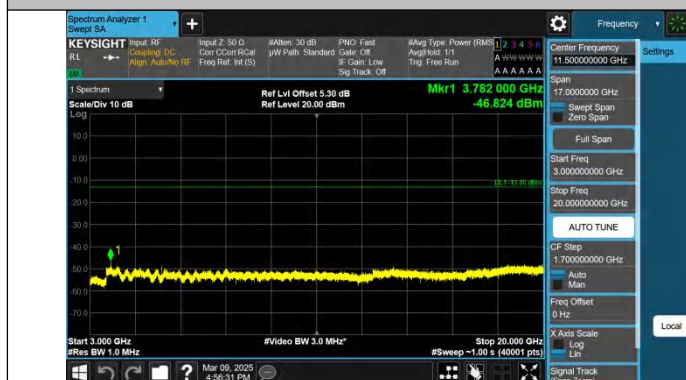
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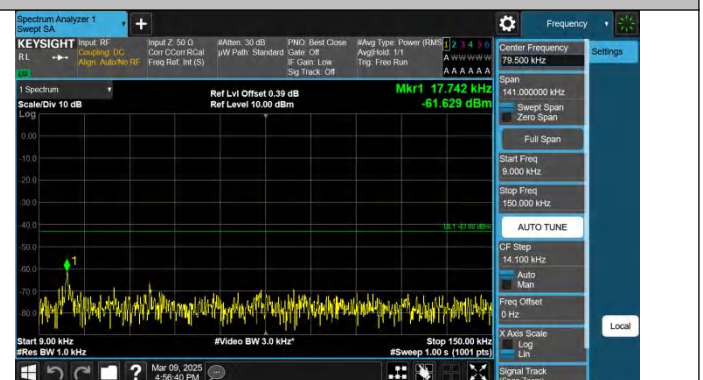
Band2-20MHz-QPSK-19100-1RB#0-30~1000-PASS



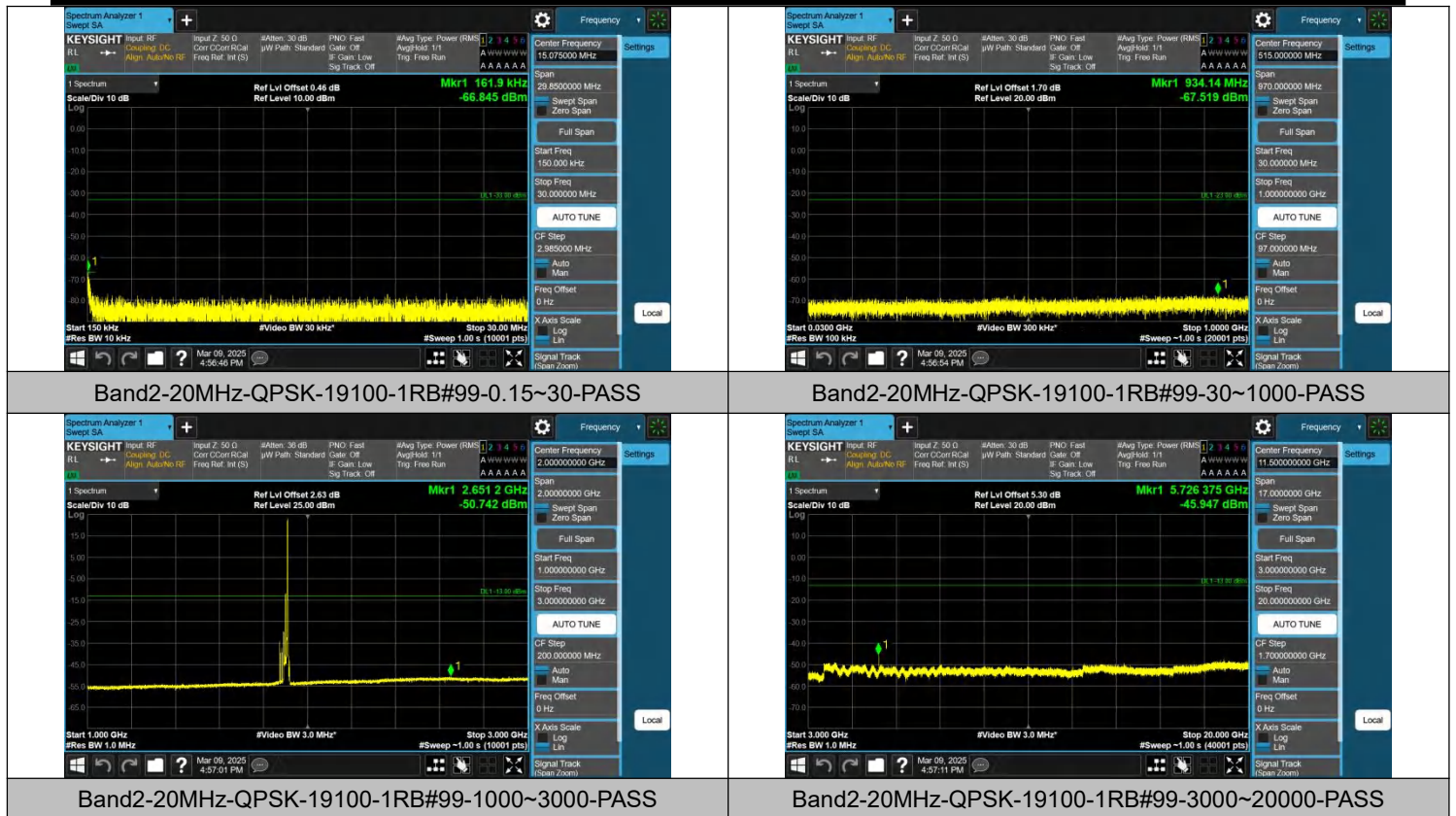
Band2-20MHz-QPSK-19100-1RB#0-1000~3000-PASS



Band2-20MHz-QPSK-19100-1RB#0-3000~20000-PASS



Band2-20MHz-QPSK-19100-1RB#99-0.009~0.15-PASS



## Frequency Stability

### Test Result

| Voltage |           |            |         |                  |               |                  |                |                 |             |            |            |             |         |
|---------|-----------|------------|---------|------------------|---------------|------------------|----------------|-----------------|-------------|------------|------------|-------------|---------|
| Band    | Bandwidth | Modulation | Channel | RB Configuration | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | FL (MHz)   | FH (MHz)   | Limit (MHz) | Verdict |
| Band 2  | 20MHz     | QPSK       | 18900   | 100RB#0          | VN            | NT               | 3920.00        | 2.085106        | ±NA         | 1871.10242 | 1888.90542 | 1850-1910   | PASS    |
| Band 2  | 20MHz     | QPSK       | 18900   | 100RB#0          | VL            | NT               | 6330.00        | 3.367021        | ±NA         | 1871.10483 | 1888.90783 | 1850-1910   | PASS    |
| Band 2  | 20MHz     | QPSK       | 18900   | 100RB#0          | VH            | NT               | 6830.00        | 3.632979        | ±NA         | 1871.10583 | 1888.90783 | 1850-1910   | PASS    |

| Temperature |           |            |         |                  |               |                  |                |                 |             |            |            |             |         |
|-------------|-----------|------------|---------|------------------|---------------|------------------|----------------|-----------------|-------------|------------|------------|-------------|---------|
| Band        | Bandwidth | Modulation | Channel | RB Configuration | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | FL (MHz)   | FH (MHz)   | Limit (MHz) | Verdict |
| Band 2      | 20MHz     | QPSK       | 18900   | 100RB#0          | NV            | -30              | 5130.00        | 2.728723        | ±NA         | 1871.10413 | 1888.90613 | 1850-1910   | PASS    |
| Band 2      | 20MHz     | QPSK       | 18900   | 100RB#0          | NV            | -20              | 6910.00        | 3.675532        | ±NA         | 1871.09991 | 1888.91391 | 1850-1910   | PASS    |
| Band 2      | 20MHz     | QPSK       | 18900   | 100RB#0          | NV            | -10              | 5230.00        | 2.781915        | ±NA         | 1871.10173 | 1888.90873 | 1850-1910   | PASS    |
| Band 2      | 20MHz     | QPSK       | 18900   | 100RB#0          | NV            | 0                | 5450.00        | 2.898936        | ±NA         | 1871.10295 | 1888.90795 | 1850-1910   | PASS    |
| Band 2      | 20MHz     | QPSK       | 18900   | 100RB#0          | NV            | 10               | 5730.00        | 3.047872        | ±NA         | 1871.10223 | 1888.90923 | 1850-1910   | PASS    |
| Band 2      | 20MHz     | QPSK       | 18900   | 100RB#0          | NV            | 20               | -220.00        | -0.117021       | ±NA         | 1871.09678 | 1888.90278 | 1850-1910   | PASS    |
| Band 2      | 20MHz     | QPSK       | 18900   | 100RB#0          | NV            | 30               | 5990.00        | 3.186170        | ±NA         | 1871.10299 | 1888.90899 | 1850-1910   | PASS    |
| Band 2      | 20MHz     | QPSK       | 18900   | 100RB#0          | NV            | 40               | 6780.00        | 3.606383        | ±NA         | 1871.10378 | 1888.90978 | 1850-1910   | PASS    |
| Band 2      | 20MHz     | QPSK       | 18900   | 100RB#0          | NV            | 50               | 9190.00        | 4.888298        | ±NA         | 1871.10469 | 1888.91369 | 1850-1910   | PASS    |

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