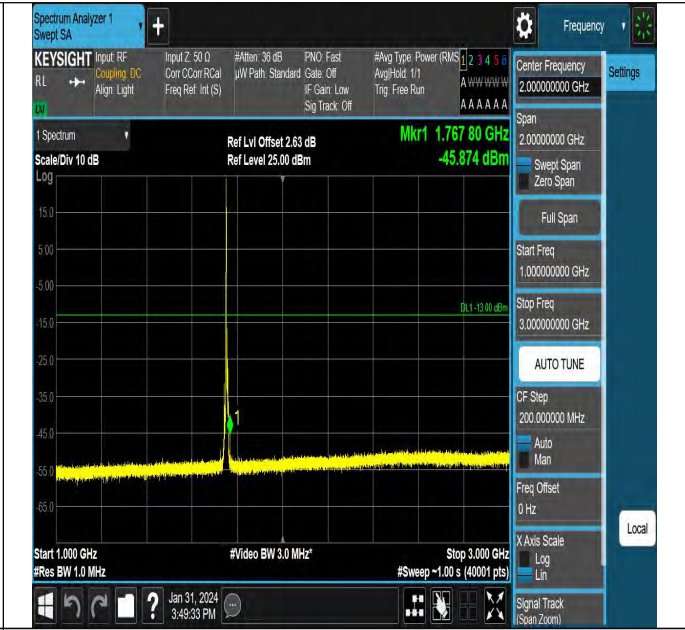


Band4_5MHz_QPSK_19975_1RB#0_0.009~0.15_0.009~0.15



Band4_5MHz_QPSK_20375_1RB#0_1000~3000_1000~300

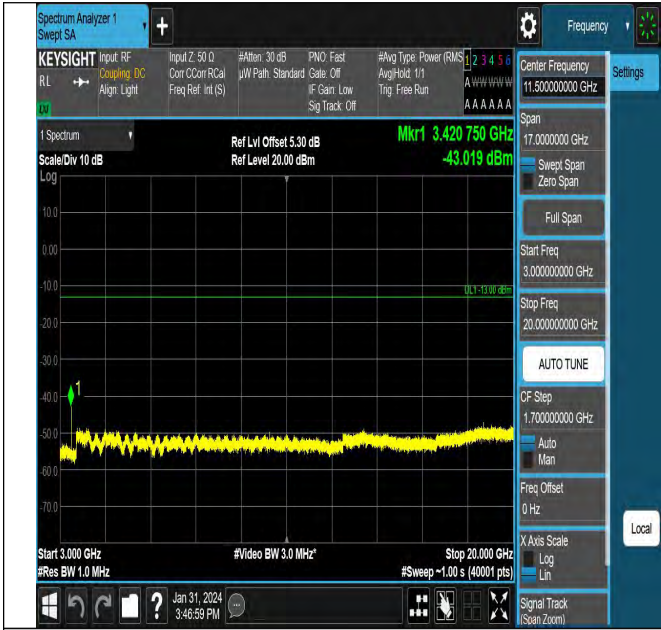
0



Band4_5MHz_QPSK_19975_1RB#0_30~1000_30~1000

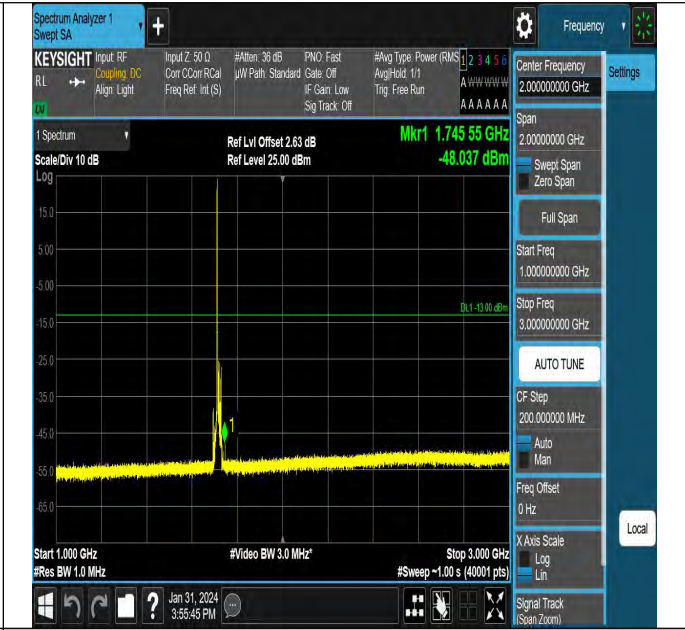


Band4_10MHz_QPSK_20000_1RB#0_0.15~30_0.15~30



Band4_5MHz_QPSK_19975_1RB#0_3000~20000_3000~2000

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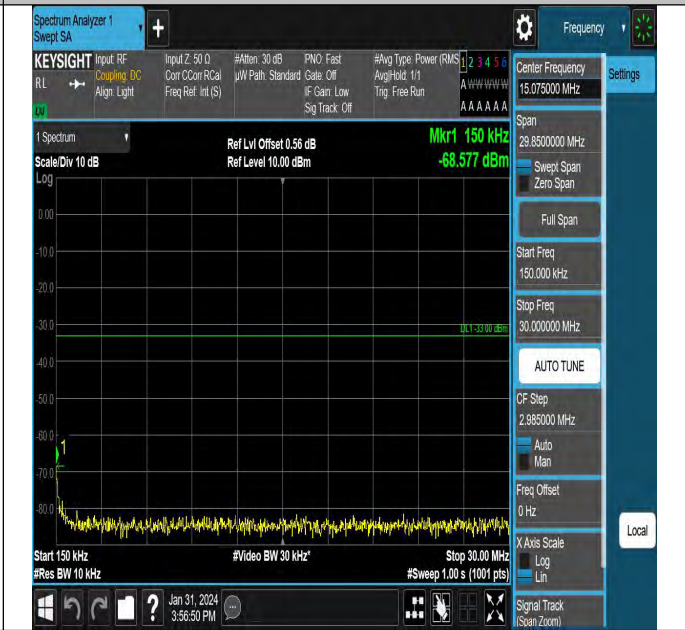


Band4_10MHz_QPSK_20000_1RB#0_1000~3000_1000~30

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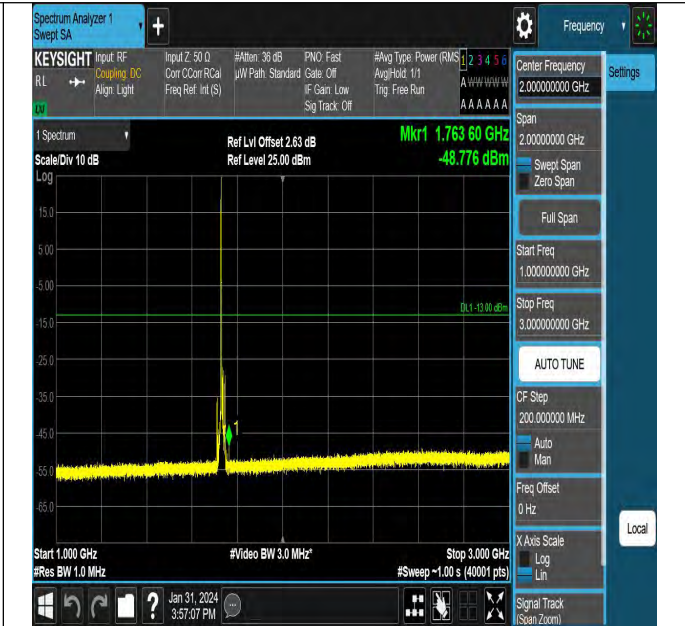
Band4_5MHz_QPSK_20175_1RB#0_0.009~0.15_0.009~0.15



Band4_10MHz_QPSK_20175_1RB#0_0.15~30_0.15~30

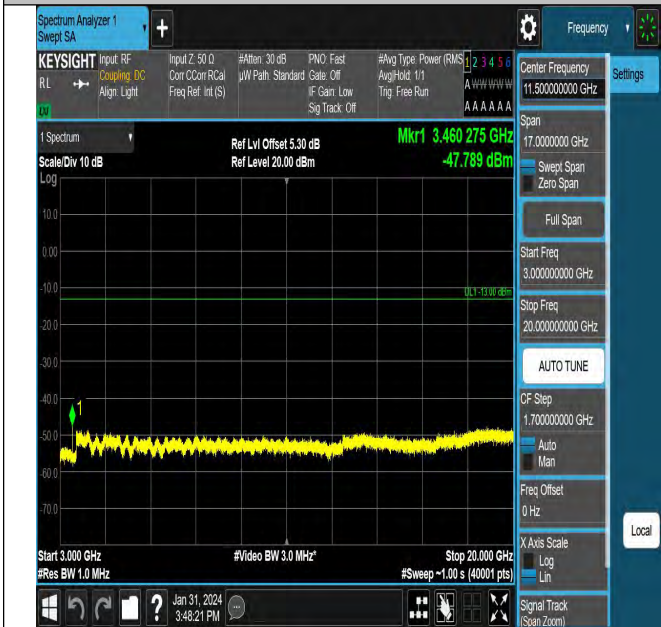


Band4_5MHz_QPSK_20175_1RB#0_30~1000_30~1000



Band4_10MHz_QPSK_20175_1RB#0_1000~3000_1000~30

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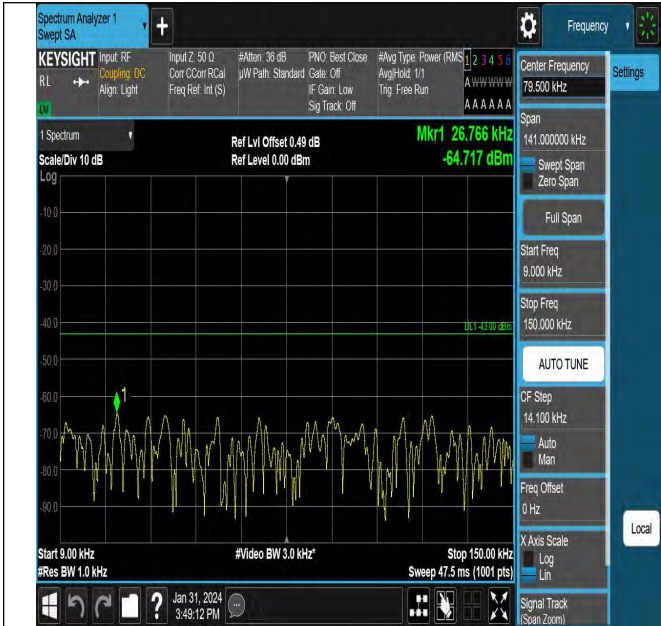


Band4_5MHz_QPSK_20175_1RB#0_3000~20000_3000~200

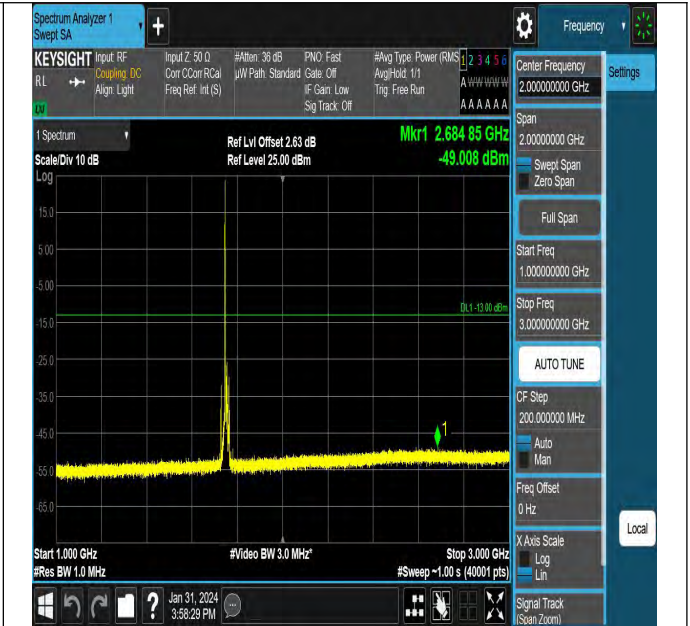
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Band4_10MHz_QPSK_20350_1RB#0_0.15~30_0.15~30

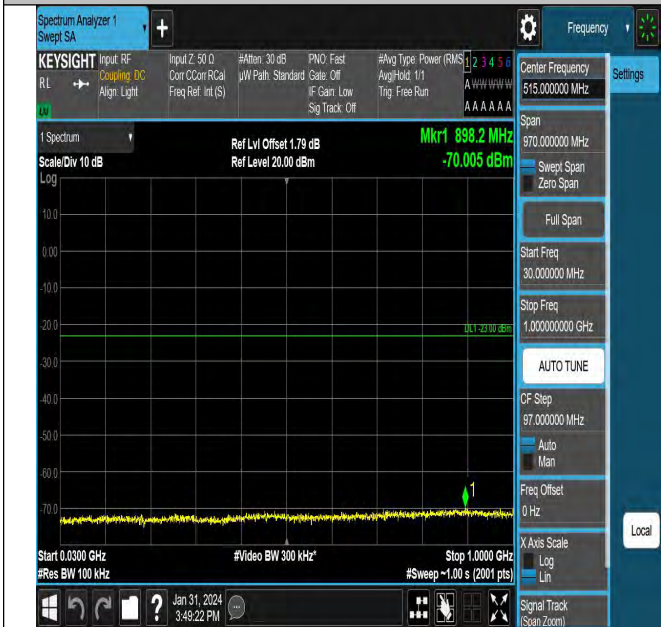


Band4_5MHz_QPSK_20375_1RB#0_0.009~0.15_0.009~0.15



Band4_10MHz_QPSK_20350_1RB#0_1000~3000_1000~3000

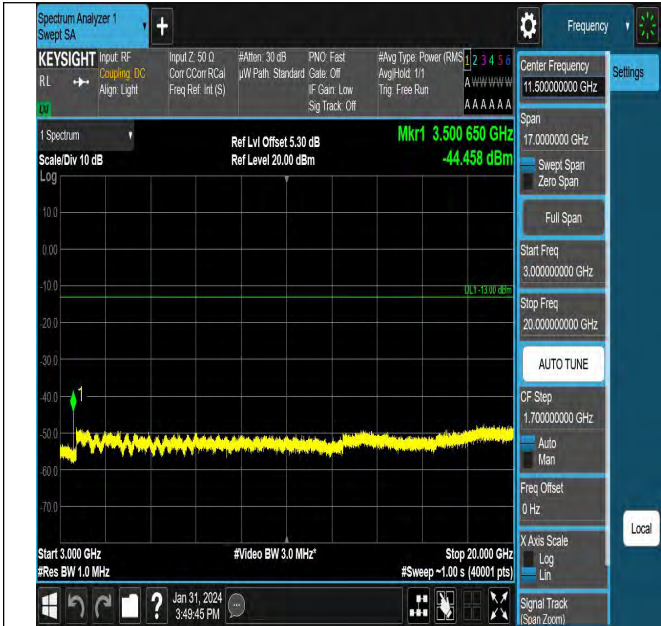
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Band4_5MHz_QPSK_20375_1RB#0_30~1000_30~1000

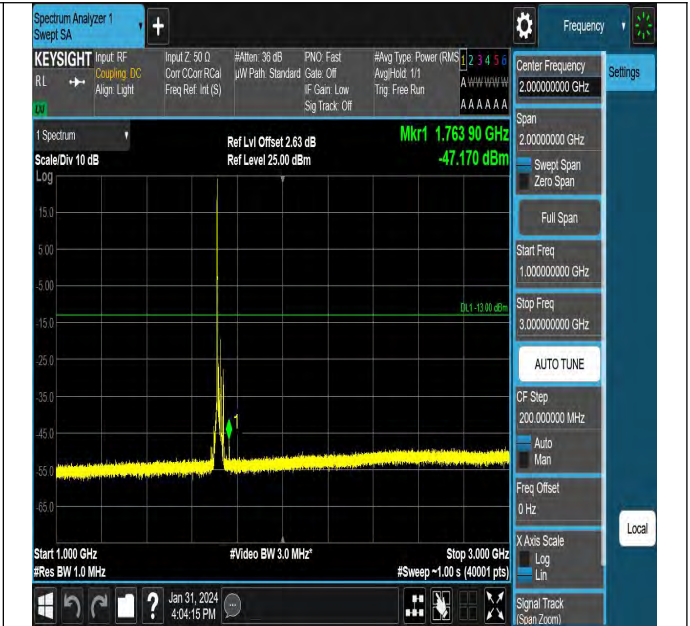


Band4_15MHz_QPSK_20025_1RB#0_0.15~30_0.15~30



Band4_5MHz_QPSK_20375_1RB#0_3000~20000_3000~200

00



Band4_15MHz_QPSK_20025_1RB#0_1000~3000_1000~30

00

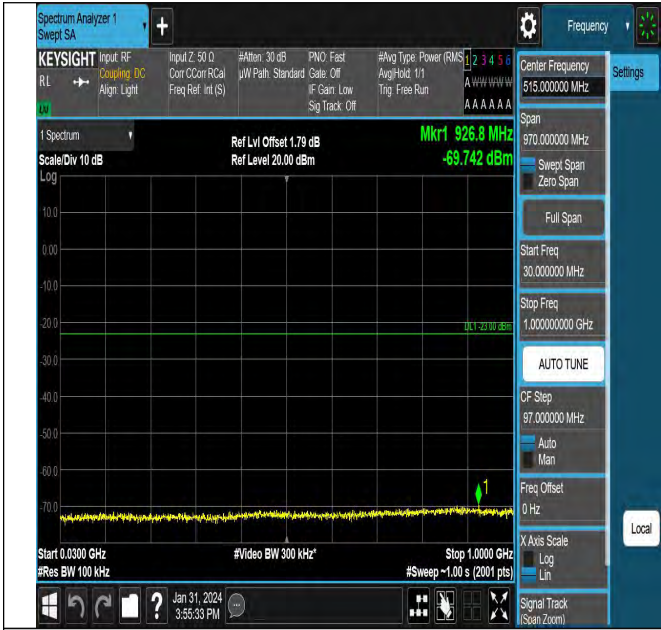


Band4_10MHz_QPSK_20000_1RB#0_0.009~0.15_0.009~0.1

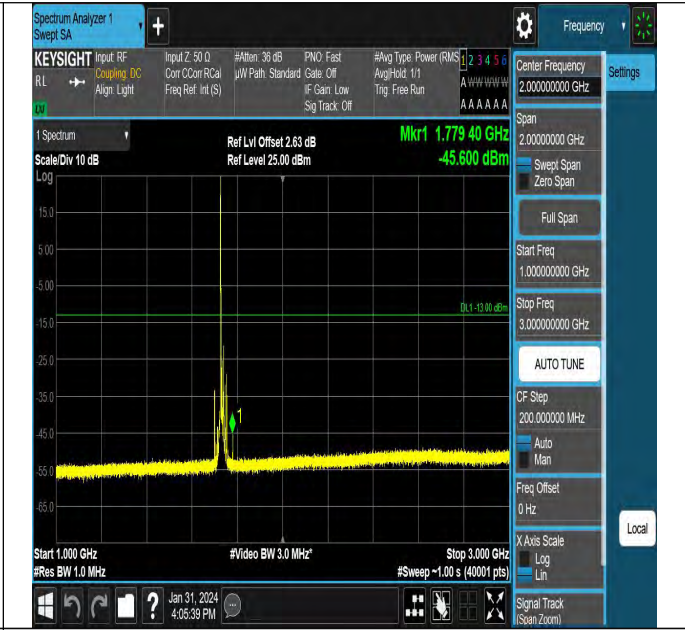
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Band4_15MHz_QPSK_20175_1RB#0_0.15~30_0.15~30

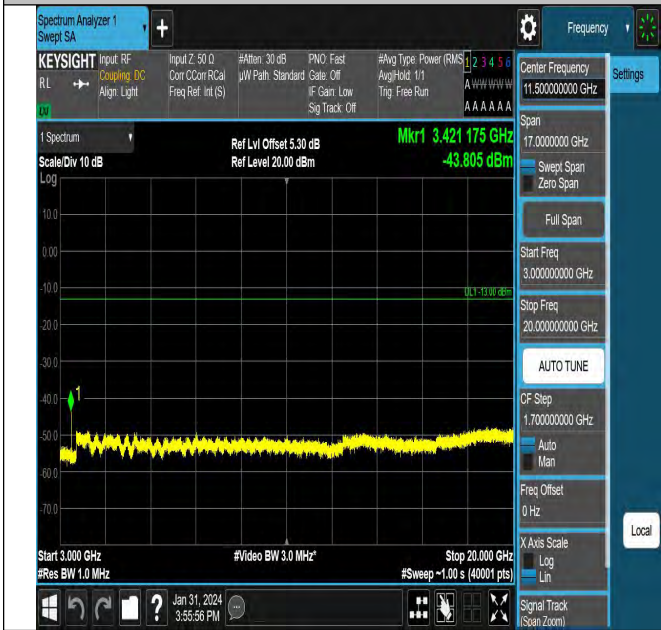


Band4_10MHz_QPSK_20000_1RB#0_30~1000_30~1000



Band4_15MHz_QPSK_20175_1RB#0_1000~3000_1000~3000

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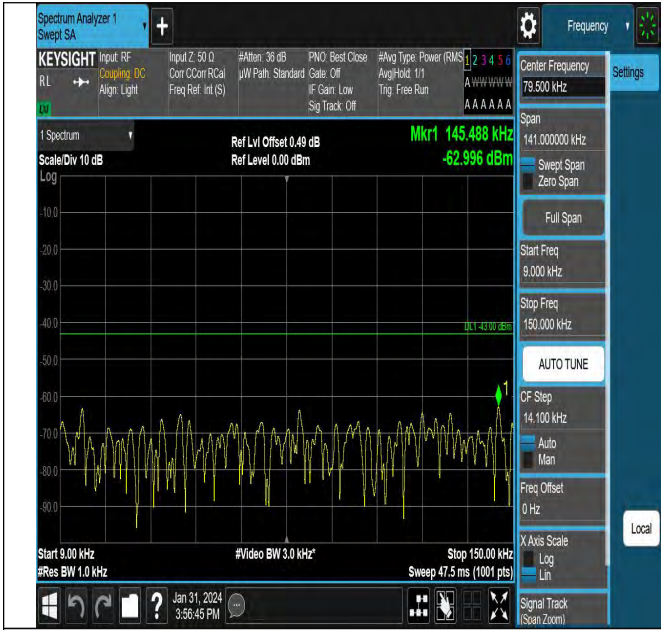


Band4_10MHz_QPSK_20000_1RB#0_3000~20000_3000~20000

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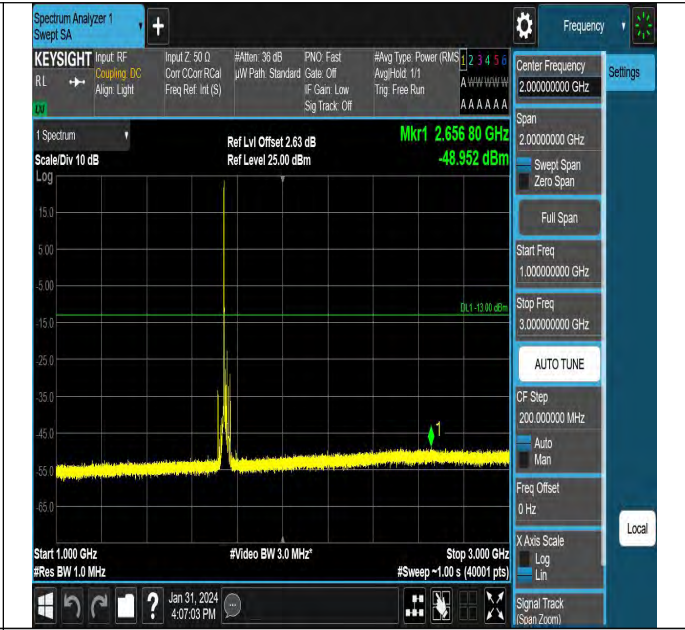


Band4_15MHz_QPSK_20325_1RB#0_0.15~30_0.15~30



Band4_10MHz_QPSK_20175_1RB#0_0.009~0.15_0.009~0.1

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Band4_15MHz_QPSK_20325_1RB#0_1000~3000_1000~30

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Band4_10MHz_QPSK_20350_1RB#0_0.009~0.15_0.009~0.1

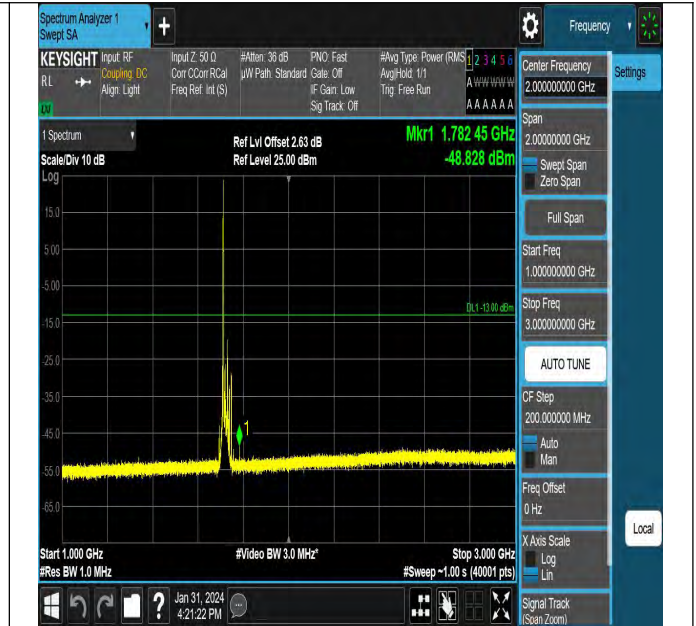
5



Band4_20MHz_QPSK_20050_1RB#0_0.15~30_0.15~30



Band4_10MHz_QPSK_20350_1RB#0_30~1000_30~1000



Band4_20MHz_QPSK_20050_1RB#0_1000~3000_1000~3000

00

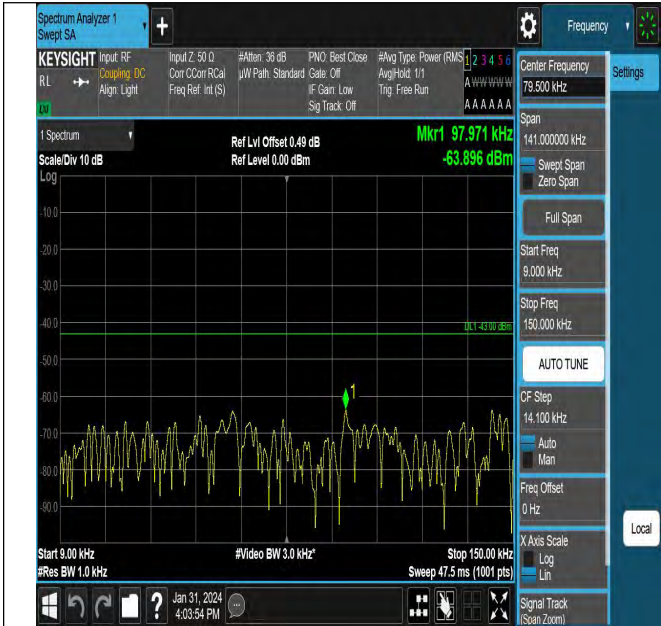


Band4_10MHz_QPSK_20350_1RB#0_3000~20000_3000~20000

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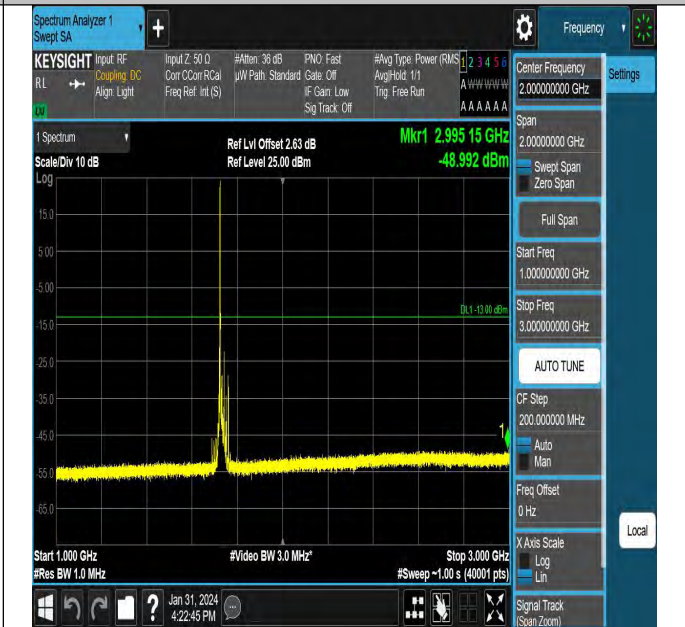
Band4_20MHz_16QAM_20050_1RB#0_30~1000_30~1000



Band4_15MHz_QPSK_20025_1RB#0_0.009~0.15_0.009~0.1

Band4_20MHz_QPSK_20175_1RB#0_0.15~30_0.15~30

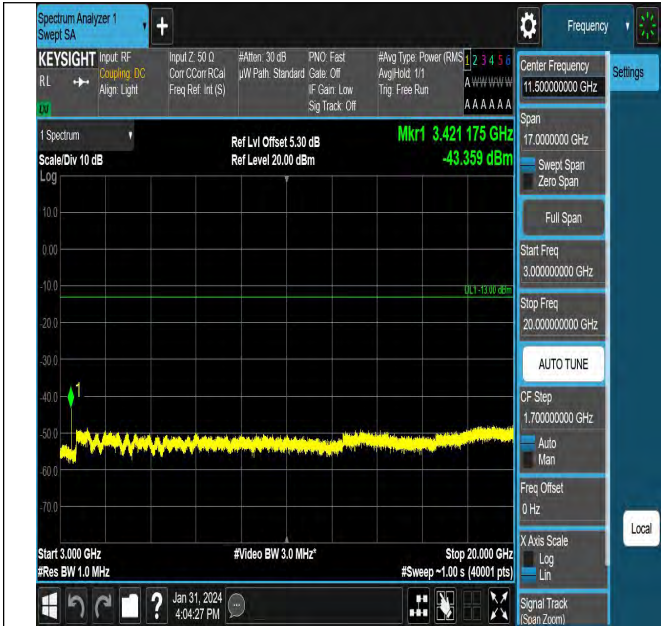
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Band4_15MHz_QPSK_20025_1RB#0_30~1000_30~1000

Band4_20MHz_QPSK_20175_1RB#0_1000~3000_1000~30

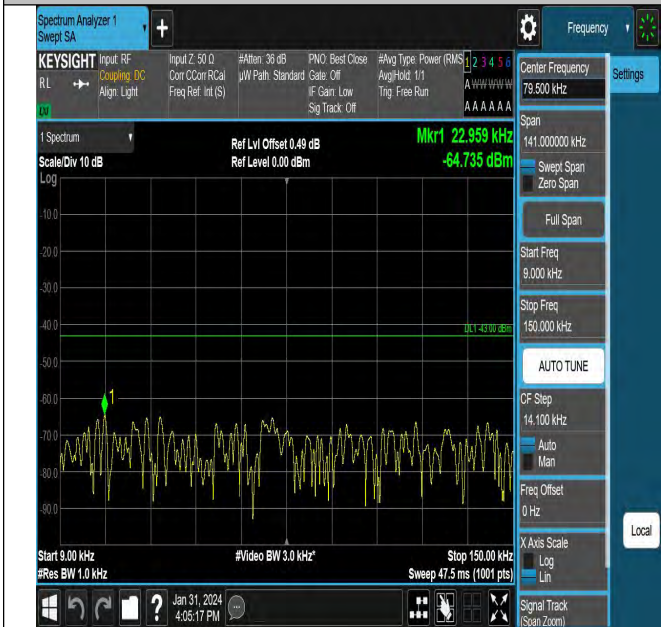
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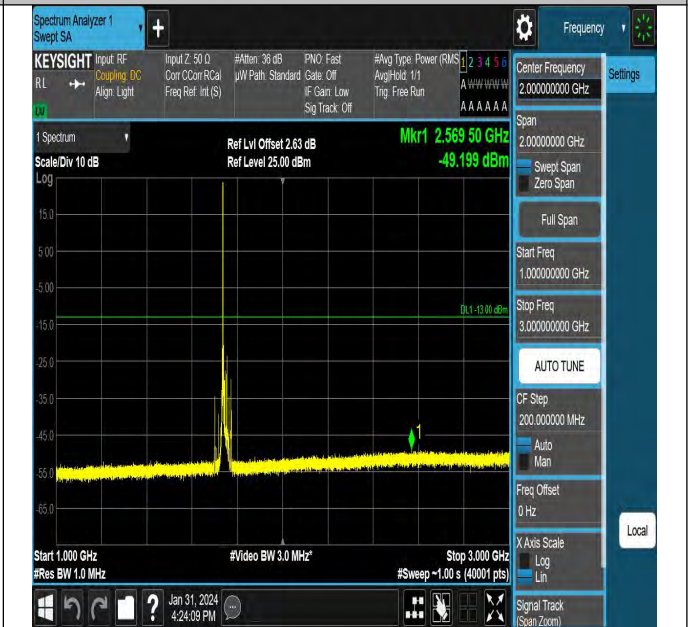
Band4_15MHz_QPSK_20025_1RB#0_3000~20000_3000~20000



Band4_20MHz_QPSK_20300_1RB#0_0.15~30_0.15~30



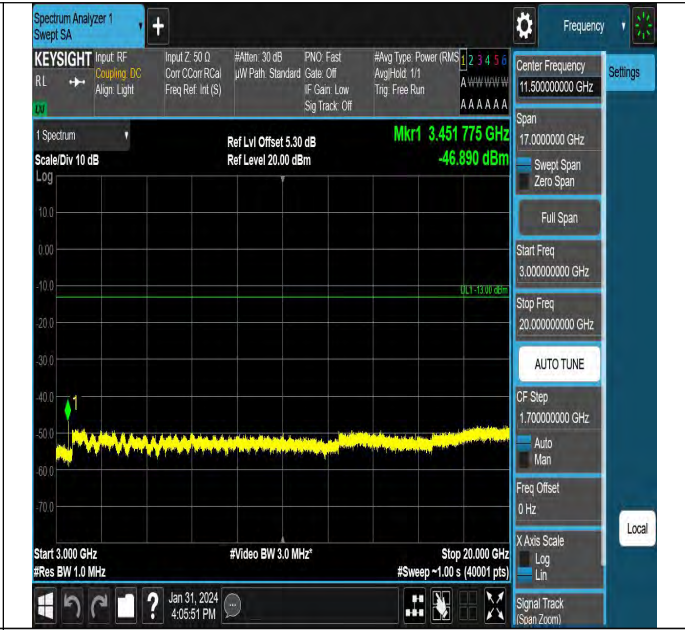
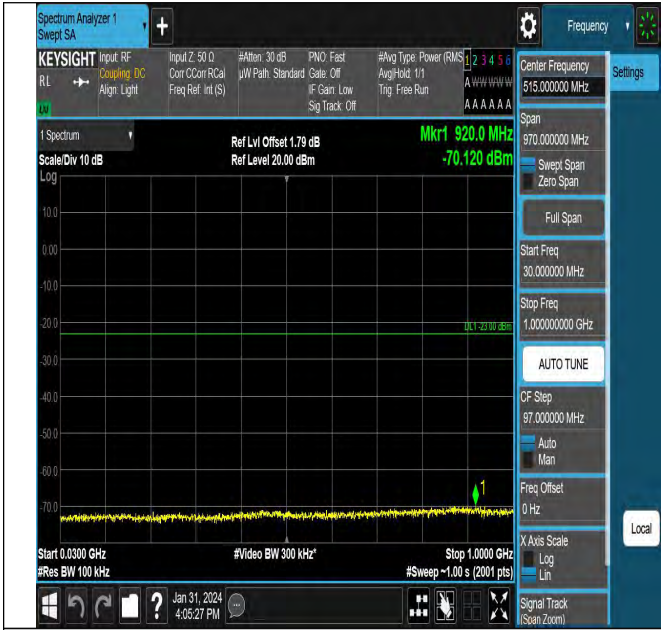
Band4_15MHz_QPSK_20175_1RB#0_0.009~0.15_0.009~0.1



Band4_20MHz_QPSK_20300_1RB#0_1000~3000_1000~3000

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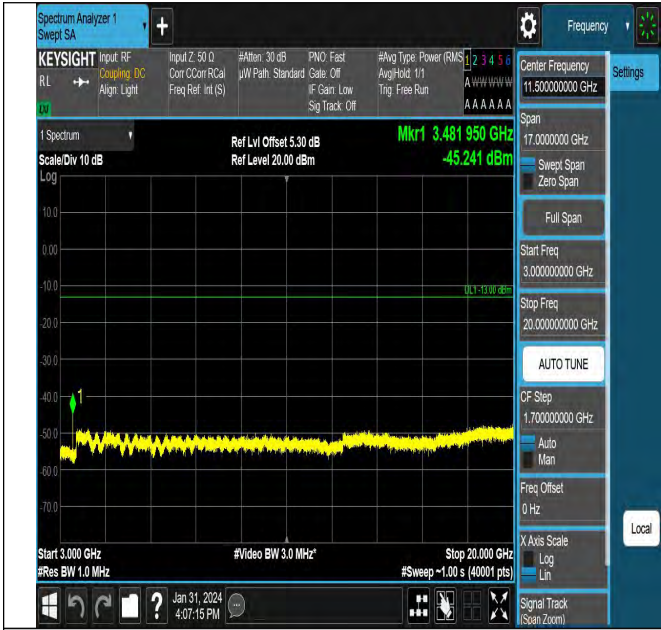
Band4_15MHz_QPSK_20175_1RB#0_30~1000_30~1000

Band4_15MHz_QPSK_20175_1RB#0_3000~20000_3000~20000



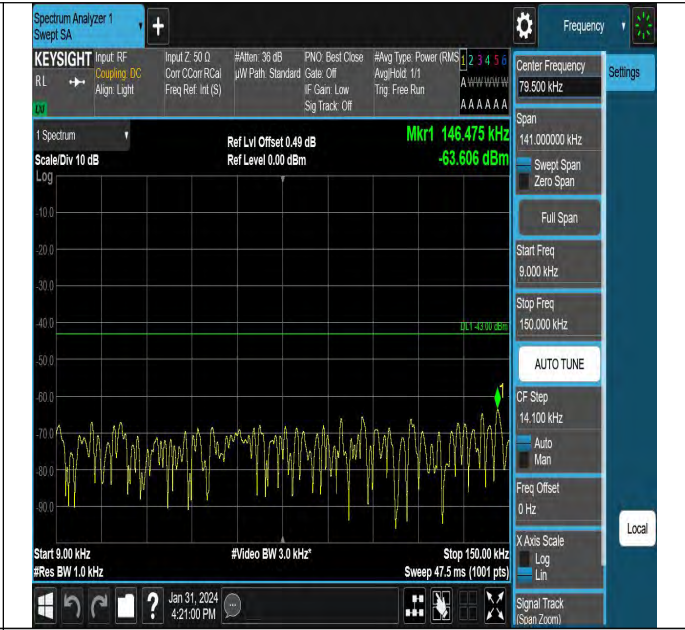
Band4_15MHz_QPSK_20325_1RB#0_0.009~0.15_0.009~0.1

Band4_15MHz_QPSK_20325_1RB#0_30~1000_30~1000



Band4_15MHz_QPSK_20325_1RB#0_3000~20000_3000~20

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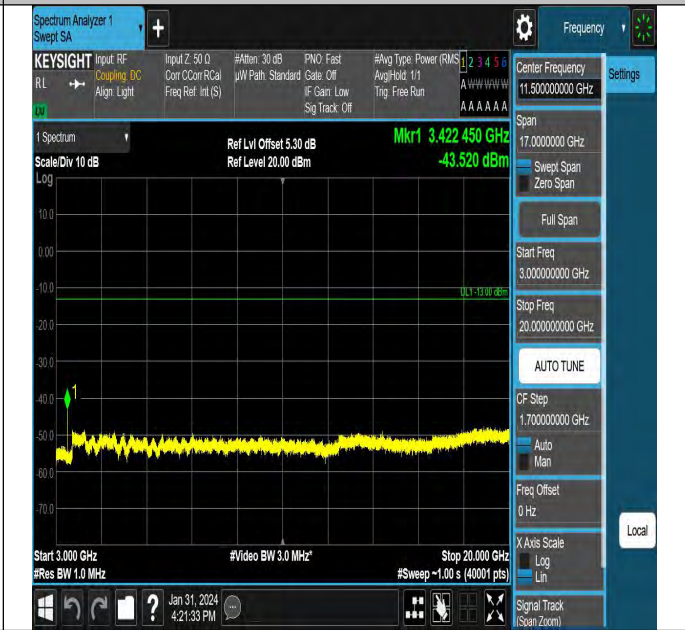


Band4_20MHz_QPSK_20050_1RB#0_0.009~0.15_0.009~0.

15

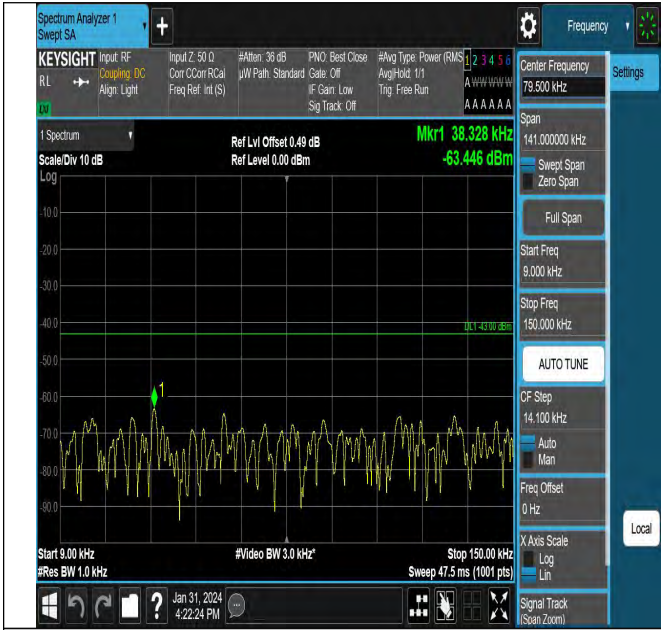


Band4_20MHz_QPSK_20050_1RB#0_30~1000_30~1000



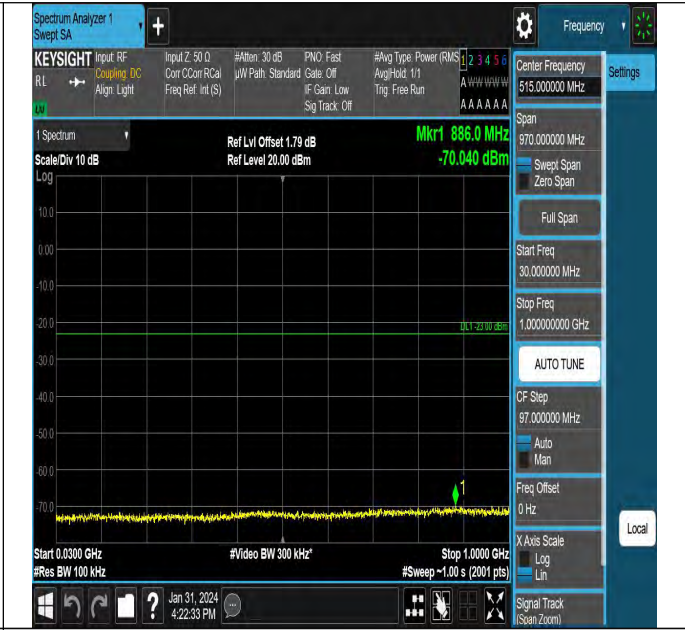
Band4_20MHz_QPSK_20050_1RB#0_3000~20000_3000~2

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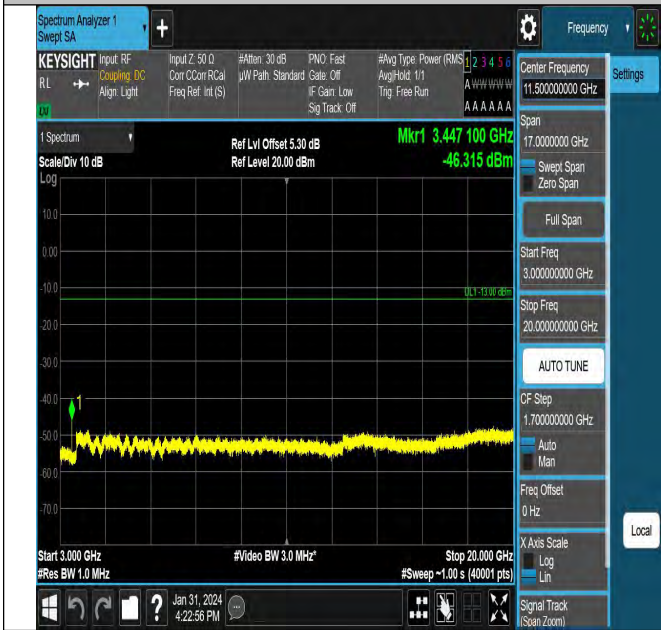


Band4_20MHz_QPSK_20175_1RB#0_0.009~0.15_0.009~0.1

5

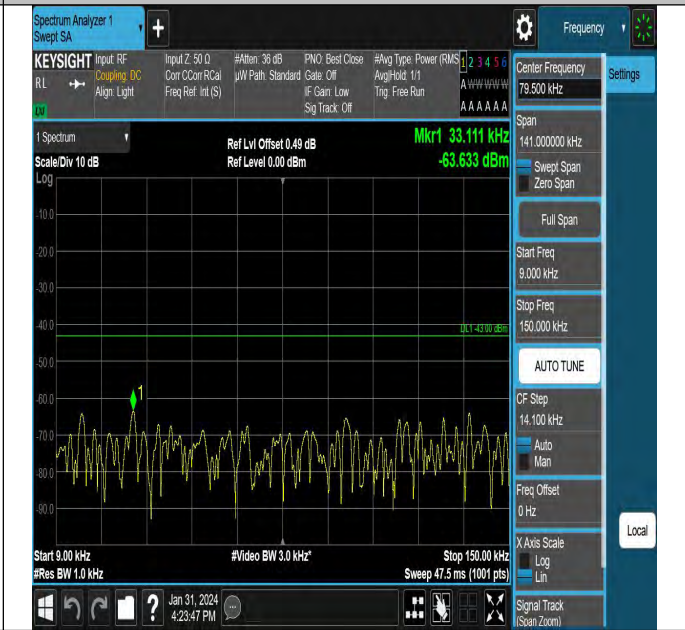


Band4_20MHz_QPSK_20175_1RB#0_30~1000_30~1000



Band4_20MHz_QPSK_20175_1RB#0_3000~20000_3000~20

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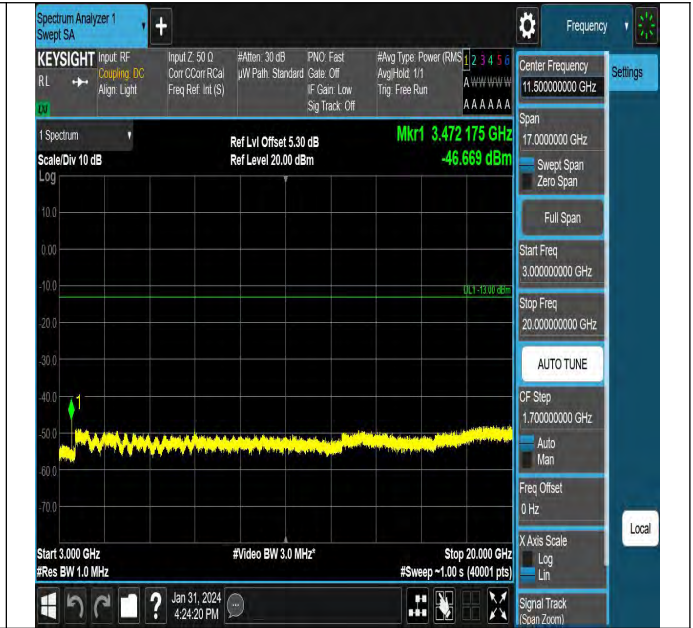


Band4_20MHz_QPSK_20300_1RB#0_0.009~0.15_0.009~0.

15



Band4_20MHz_QPSK_20300_1RB#0_30~1000_30~1000



Band4_20MHz_QPSK_20300_1RB#0_3000~20000_3000~20000

Frequency Stability

Test Result

| Voltage | | | | | | | | | | |
|---------|-----------|------------|---------|------------------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band | Bandwidth | Modulation | Channel | RB Configuration | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band 4 | 20MHz | QPSK | 20175 | 100RB#0 | VN | NT | -19.67 | -0.011354 | ±2.5 | PASS |
| Band 4 | 20MHz | QPSK | 20175 | 100RB#0 | VL | NT | -11.38 | -0.006569 | ±2.5 | PASS |
| Band 4 | 20MHz | QPSK | 20175 | 100RB#0 | VH | NT | -12.6 | -0.007273 | ±2.5 | PASS |

| Temperature | | | | | | | | | | |
|-------------|-----------|------------|---------|------------------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band | Bandwidth | Modulation | Channel | RB Configuration | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band 4 | 20MHz | QPSK | 20175 | 100RB#0 | NV | -30 | -9.89 | -0.005709 | ±2.5 | PASS |
| Band 4 | 20MHz | QPSK | 20175 | 100RB#0 | NV | -20 | -9.2 | -0.00531 | ±2.5 | PASS |
| Band 4 | 20MHz | QPSK | 20175 | 100RB#0 | NV | -10 | -8.49 | -0.0049 | ±2.5 | PASS |
| Band 4 | 20MHz | QPSK | 20175 | 100RB#0 | NV | 0 | -7.99 | -0.004612 | ±2.5 | PASS |
| Band 4 | 20MHz | QPSK | 20175 | 100RB#0 | NV | 10 | -6.11 | -0.003527 | ±2.5 | PASS |
| Band 4 | 20MHz | QPSK | 20175 | 100RB#0 | NV | 20 | -6.24 | -0.003602 | ±2.5 | PASS |
| Band 4 | 20MHz | QPSK | 20175 | 100RB#0 | NV | 30 | -3.92 | -0.002263 | ±2.5 | PASS |
| Band 4 | 20MHz | QPSK | 20175 | 100RB#0 | NV | 40 | -2.05 | -0.001183 | ±2.5 | PASS |
| Band 4 | 20MHz | QPSK | 20175 | 100RB#0 | NV | 50 | 4.31 | 0.002488 | ±2.5 | PASS |
| Band 4 | 20MHz | 16QAM | 20175 | 100RB#0 | NV | -30 | -18.41 | -0.010626 | ±2.5 | PASS |
| Band 4 | 20MHz | 16QAM | 20175 | 100RB#0 | NV | -20 | -9.31 | -0.00537 | ±2.5 | PASS |

| | | | | | | | | | | |
|-----------|-------|-------|-------|---------|----|-----|--------|---------------|------|------|
| 4 | | | | | | | | 4 | | |
| Band 4 | 20MHz | 16QAM | 20175 | 100RB#0 | NV | -10 | 4.49 | 0.002592 | ±2.5 | PASS |
| Band 4 | 20MHz | 16QAM | 20175 | 100RB#0 | NV | 0 | -22.76 | -0.01313 7 | ±2.5 | PASS |
| Band 4 | 20MHz | 16QAM | 20175 | 100RB#0 | NV | 10 | -14.26 | -0.00823 1 | ±2.5 | PASS |
| Band 4 | 20MHz | 16QAM | 20175 | 100RB#0 | NV | 20 | 6.9 | 0.003983 | ±2.5 | PASS |
| Band 4 | 20MHz | 16QAM | 20175 | 100RB#0 | NV | 30 | -21.19 | -0.01223 1 | ±2.5 | PASS |
| Band 4 | 20MHz | 16QAM | 20175 | 100RB#0 | NV | 40 | -12.62 | -0.00728 4 | ±2.5 | PASS |
| Band 4 | 20MHz | 16QAM | 20175 | 100RB#0 | NV | 50 | 11.7 | 0.006753 | ±2.5 | PASS |