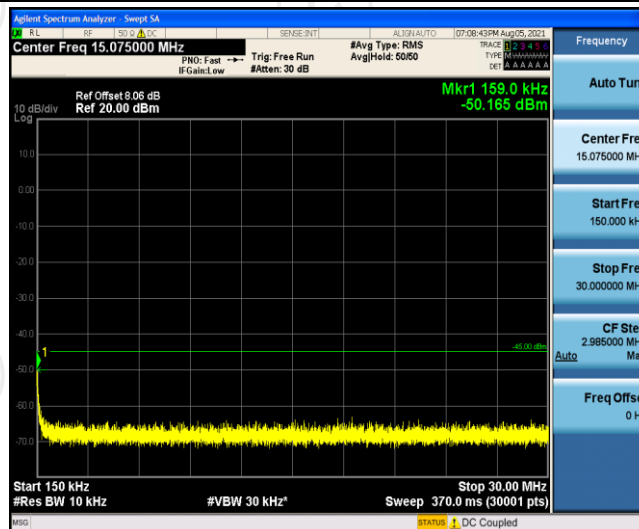
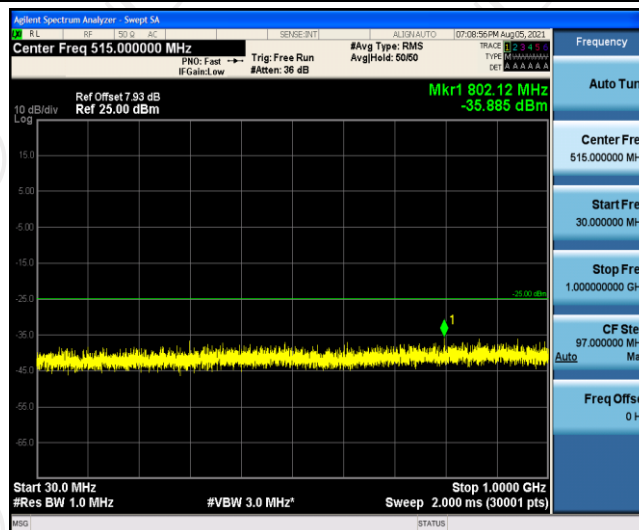




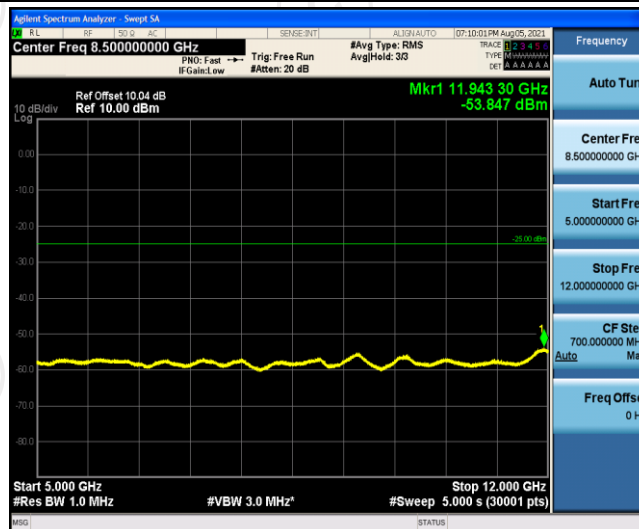
Band7-15MHz-16QAM-21100-1RB#0-Range3:30~1000MHz



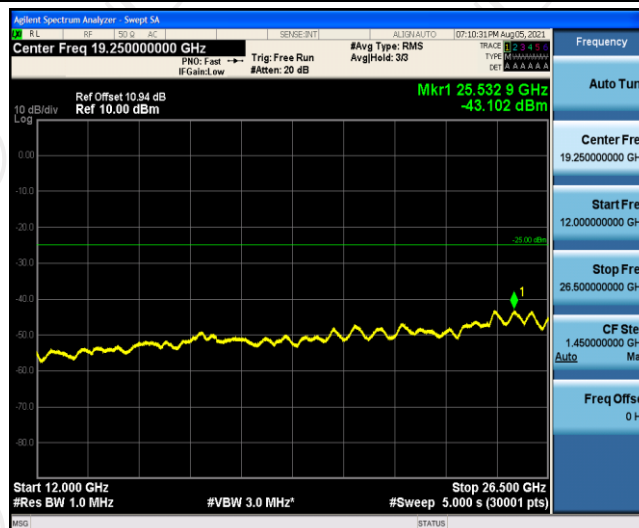
Band7-15MHz-16QAM-21100-1RB#0-Range4:1000~5000MHz



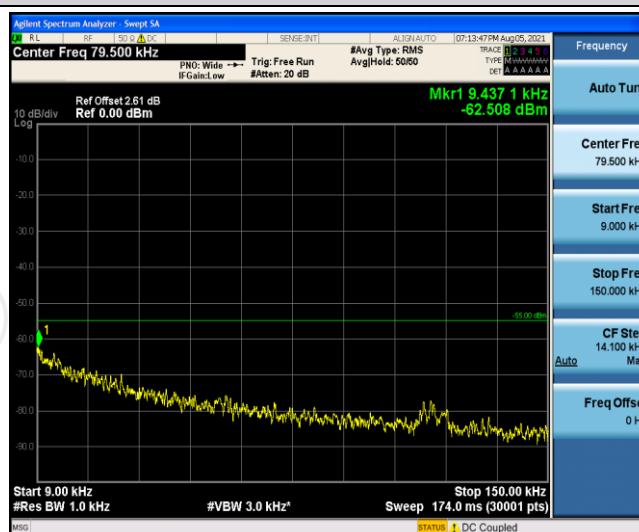
Band7-15MHz-16QAM-21100-1RB#0-Range5:5000~12000MHz



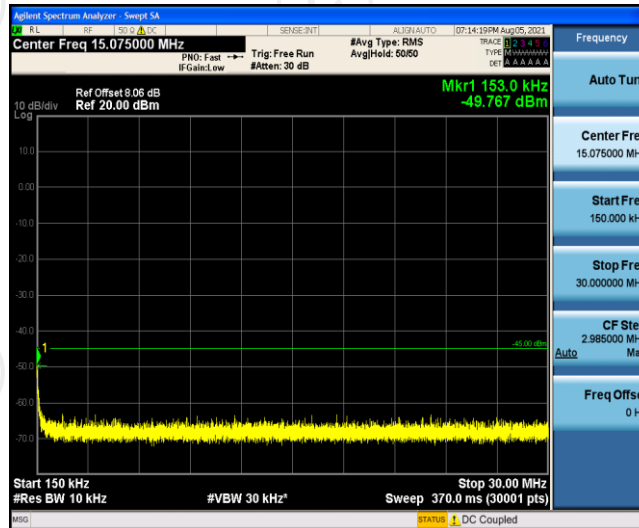
Band7-15MHz-16QAM-21100-1RB#0-Range6:12000~26500MHz



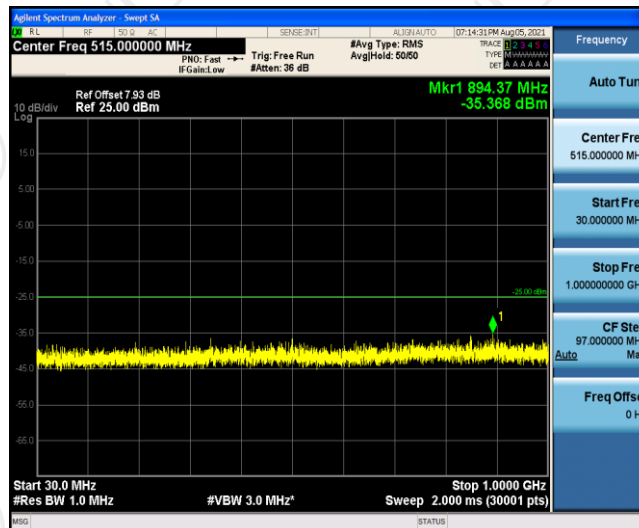
Band7-15MHz-16QAM-21375-1RB#0-Range1:0.009~0.15MHz



Band7-15MHz-16QAM-21375-1RB#0-Range2:0.15~30MHz



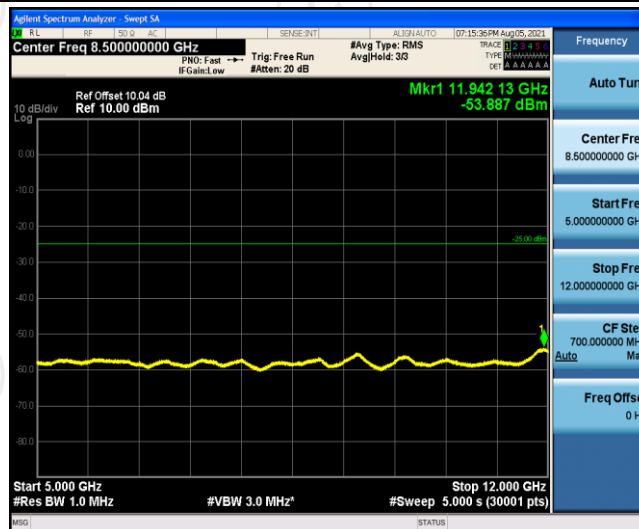
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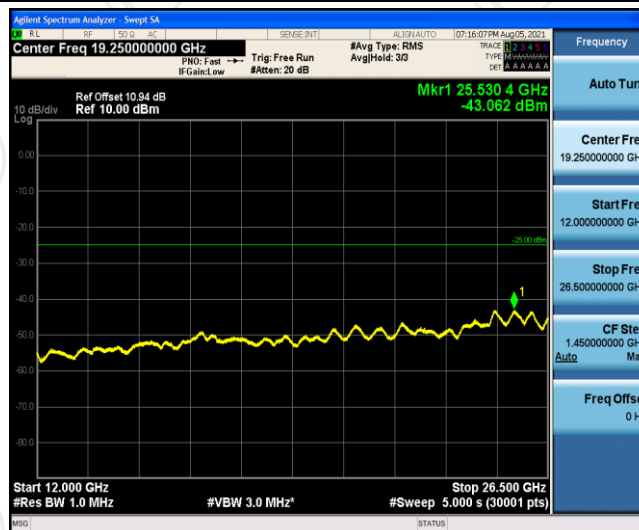
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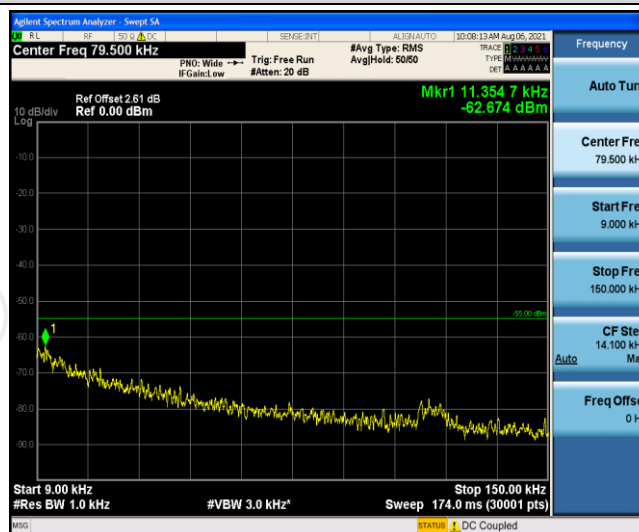
Band7-15MHz-16QAM-21375-1RB#0-Range5:5000~12000MHz



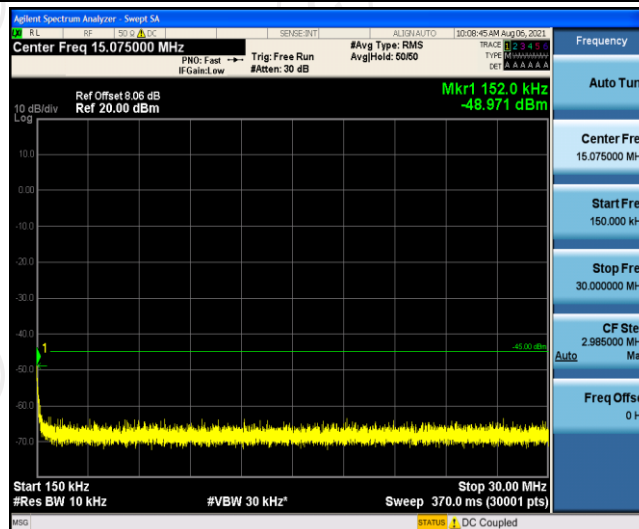
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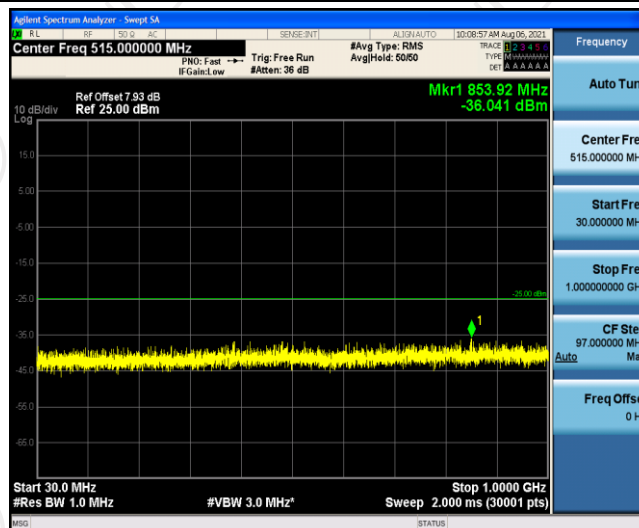
Band7-20MHz-QPSK-20850-1RB#0-Range1:0.009~0.15MHz



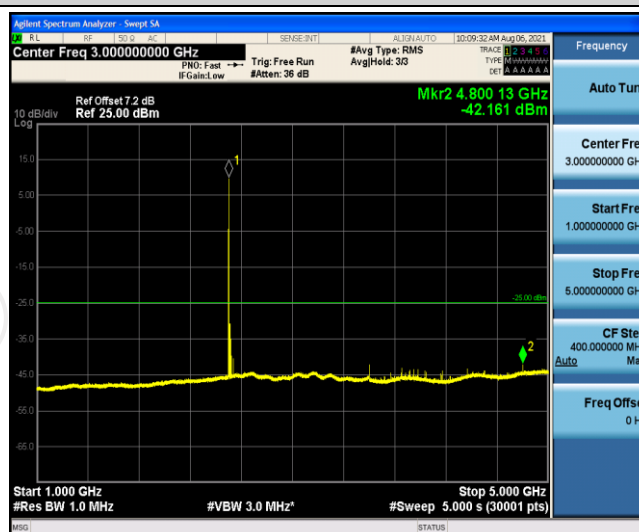
Band7-20MHz-QPSK-20850-1RB#0-Range2:0.15~30MHz



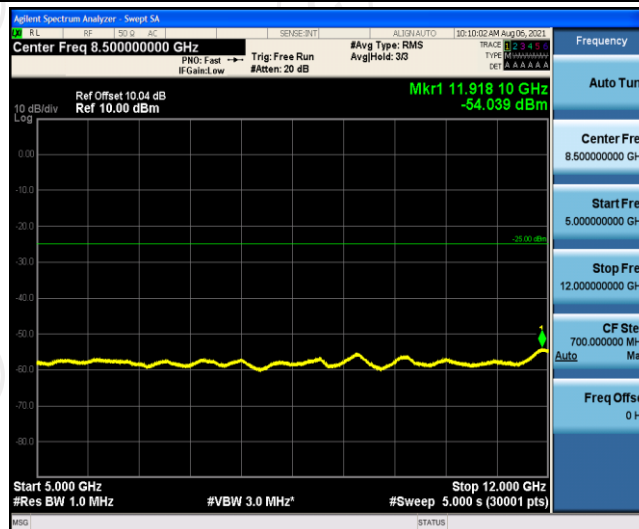
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Band7-20MHz-QPSK-20850-1RB#0-Range4:1000~5000MHz



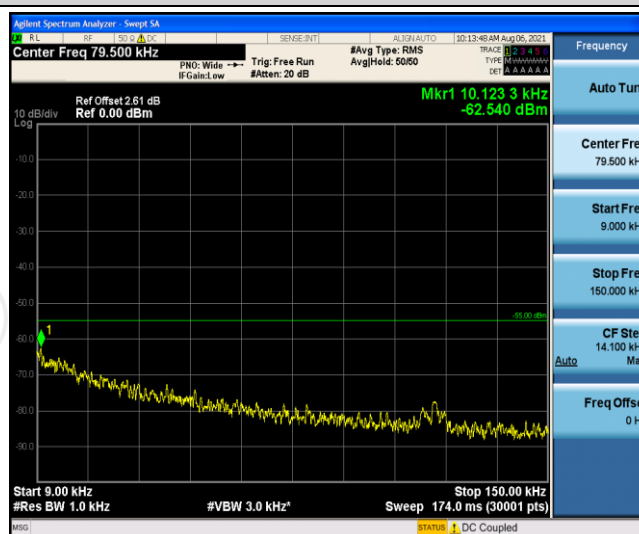
Band7-20MHz-QPSK-20850-1RB#0-Range5:5000~12000MHz



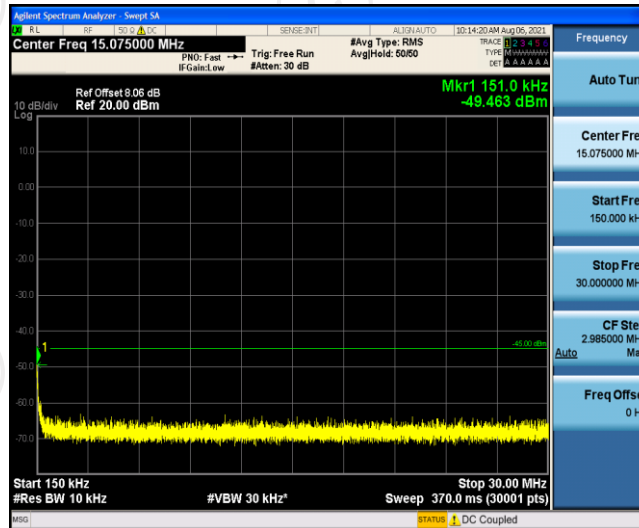
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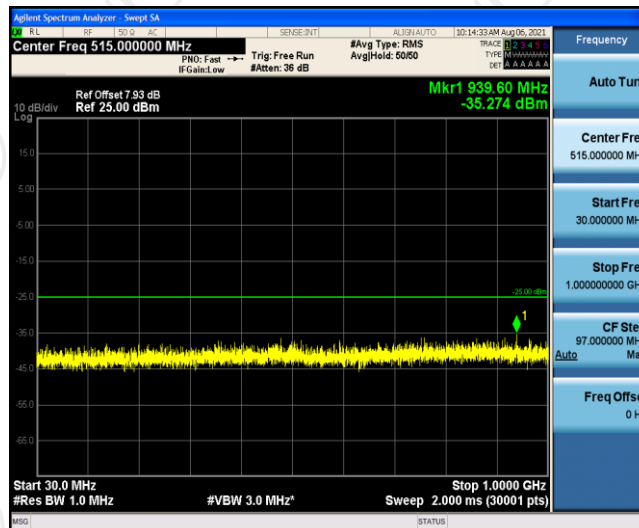
Band7-20MHz-QPSK-21100-1RB#0-Range1:0.009~0.15MHz



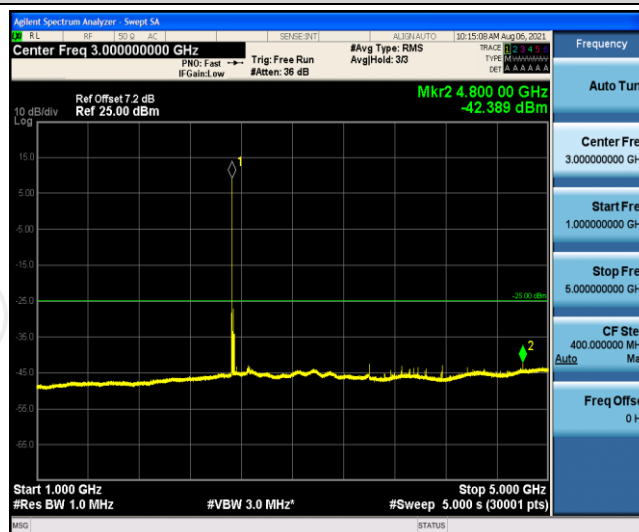
Band7-20MHz-QPSK-21100-1RB#0-Range2:0.15~30MHz



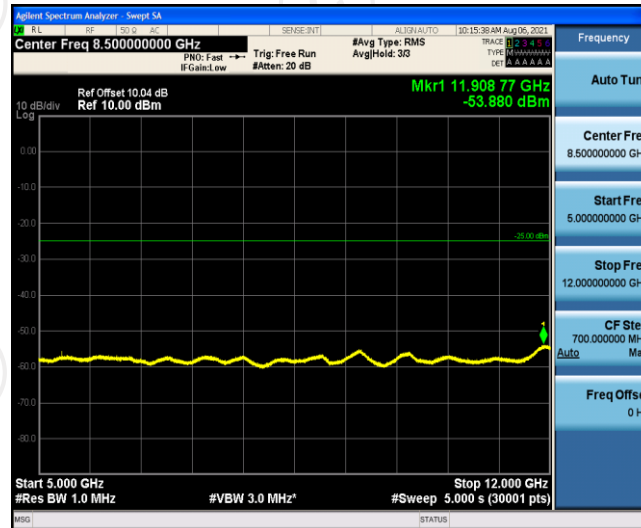
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Band7-20MHz-QPSK-21100-1RB#0-Range4:1000~5000MHz



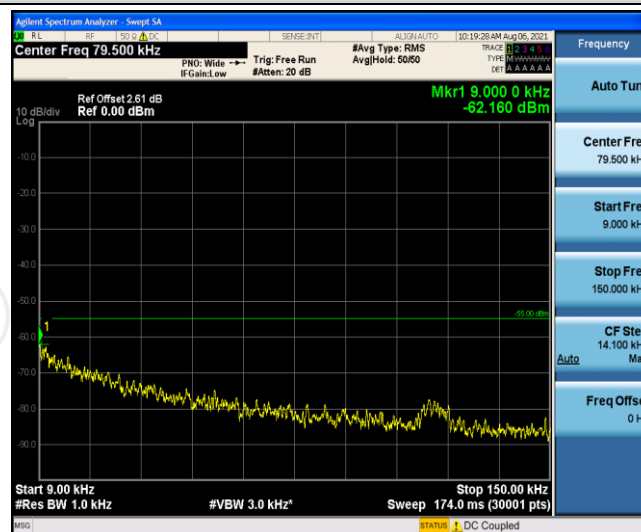
Band7-20MHz-QPSK-21100-1RB#0-Range5:5000~12000MHz



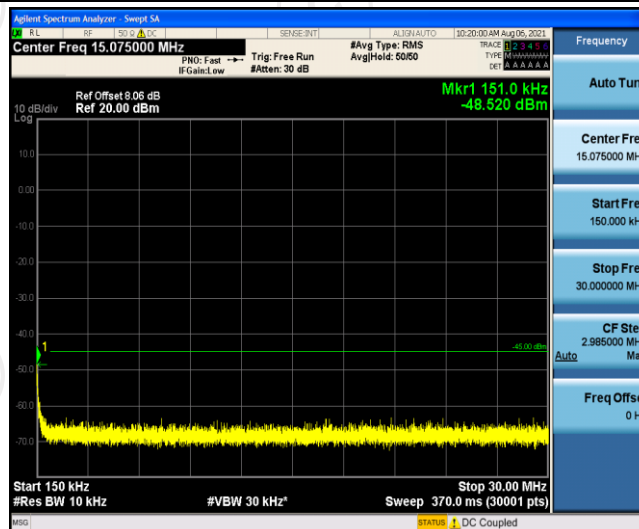
Band7-20MHz-QPSK-21100-1RB#0-Range6:12000~26500MHz



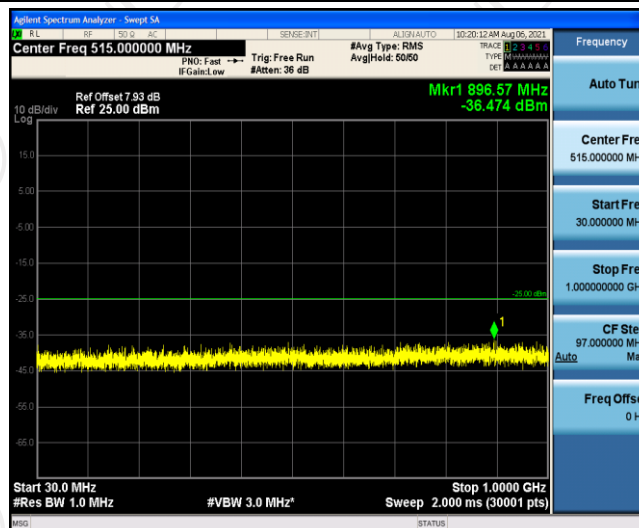
Band7-20MHz-QPSK-21350-1RB#0-Range1:0.009~0.15MHz



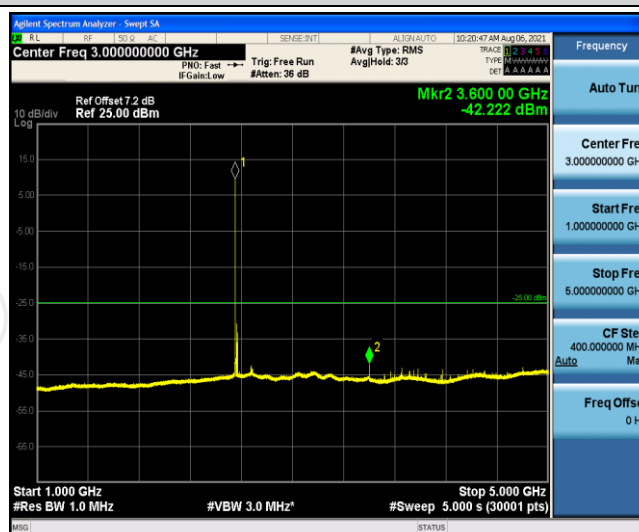
Band7-20MHz-QPSK-21350-1RB#0-Range2:0.15~30MHz



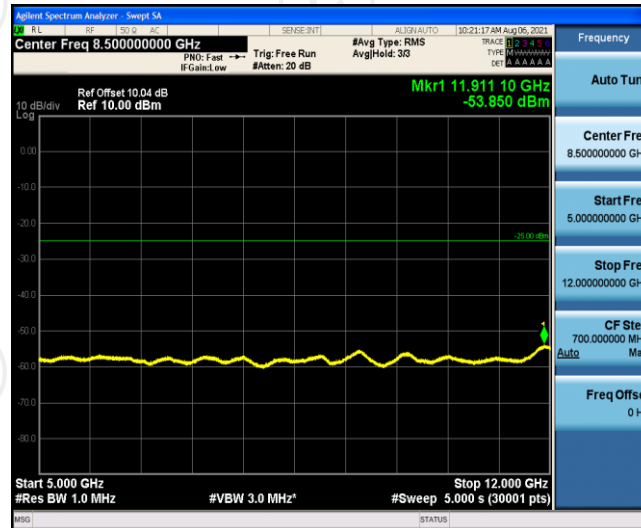
Band7-20MHz-QPSK-21350-1RB#0-Range3:30~1000MHz



Band7-20MHz-QPSK-21350-1RB#0-Range4:1000~5000MHz



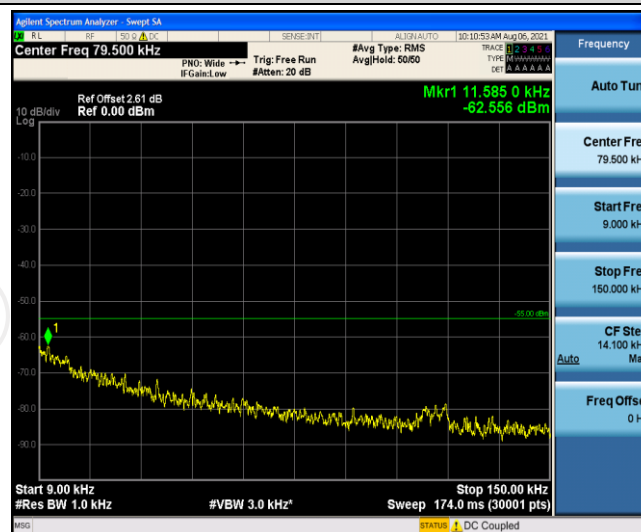
Band7-20MHz-QPSK-21350-1RB#0-Range5:5000~12000MHz



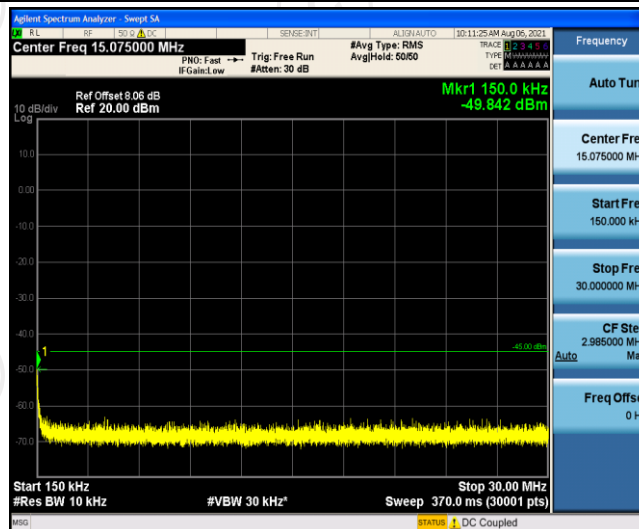
Band7-20MHz-QPSK-21350-1RB#0-Range6:12000~26500MHz



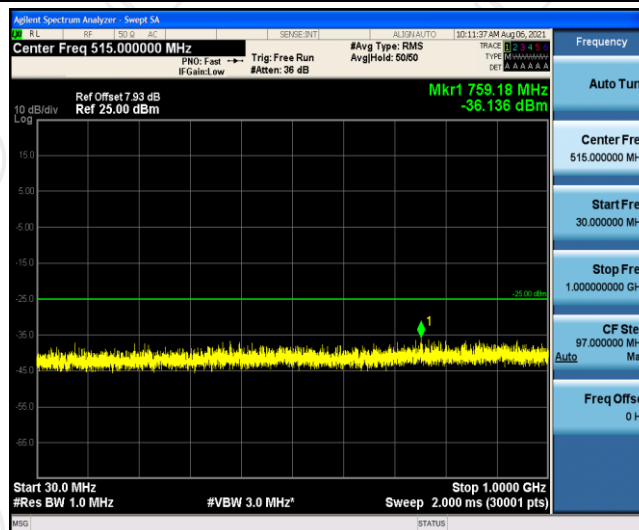
Band7-20MHz-16QAM-20850-1RB#0-Range1:0.009~0.15MHz



Band7-20MHz-16QAM-20850-1RB#0-Range2:0.15~30MHz



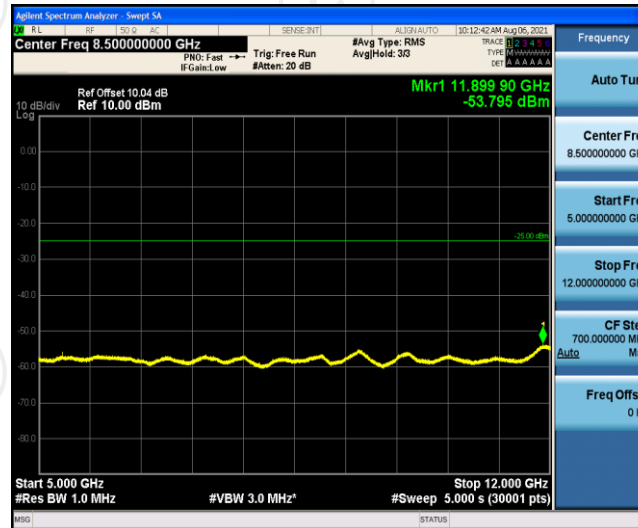
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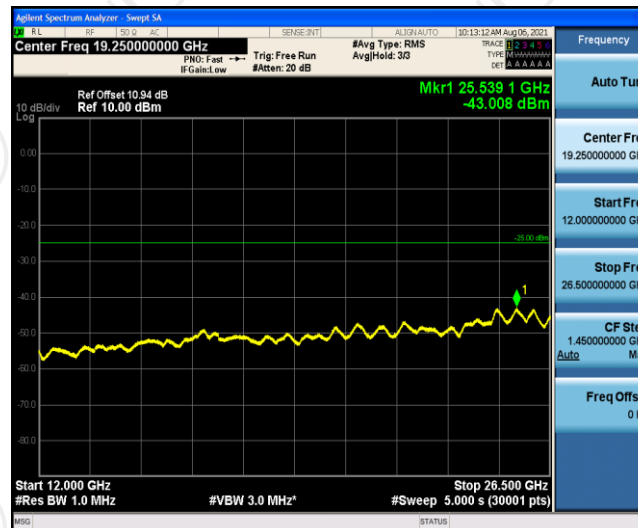
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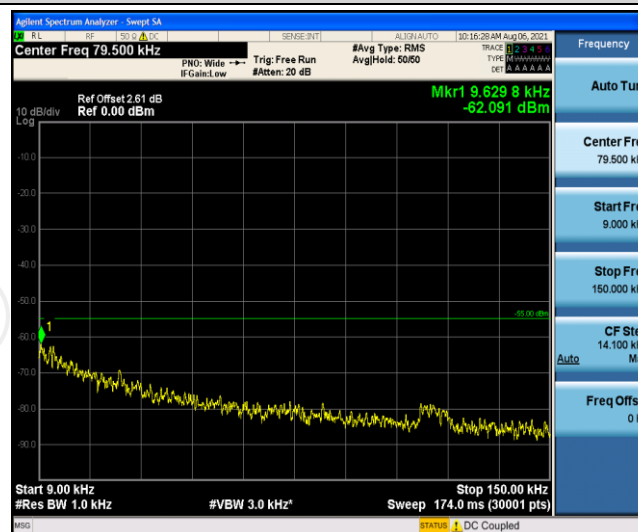
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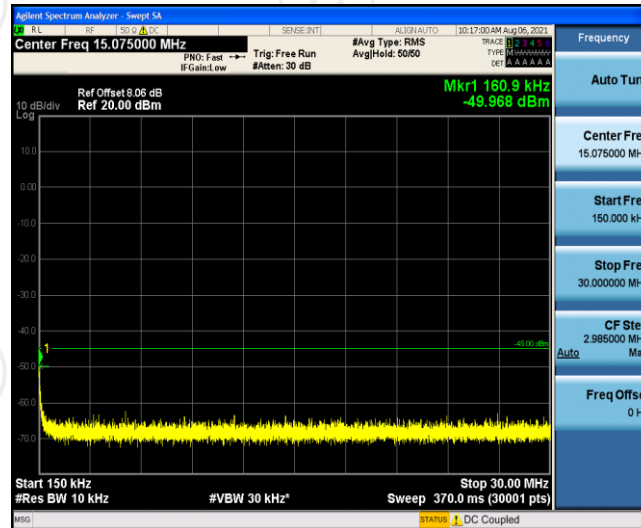
Band7-20MHz-16QAM-20850-1RB#0-Range6:12000~26500MHz



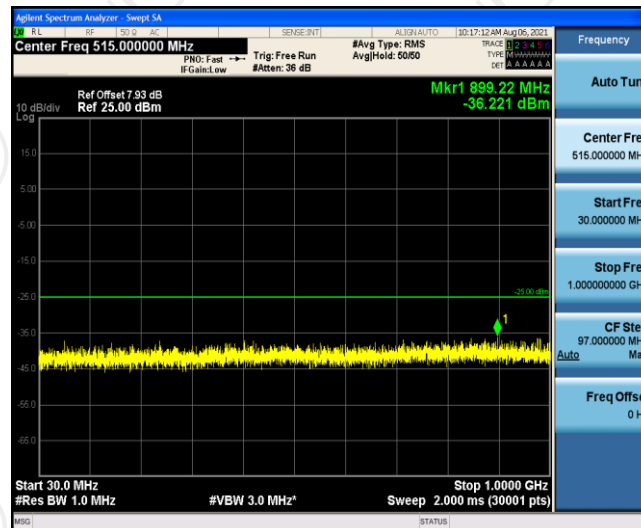
Band7-20MHz-16QAM-21100-1RB#0-Range1:0.009~0.15MHz



Band7-20MHz-16QAM-21100-1RB#0-Range2:0.15~30MHz



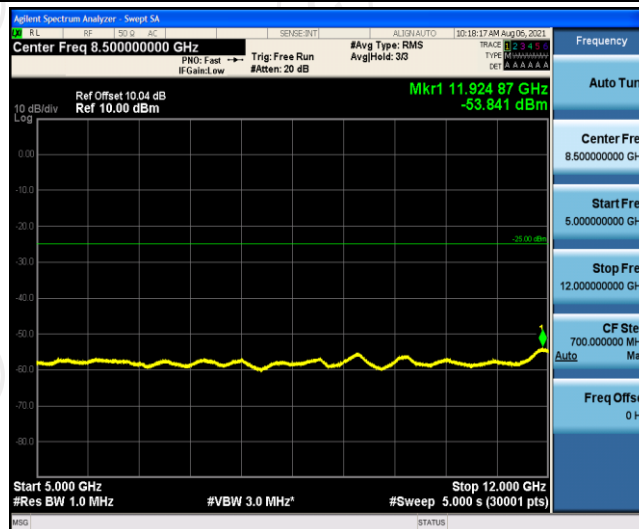
Band7-20MHz-16QAM-21100-1RB#0-Range3:30~1000MHz



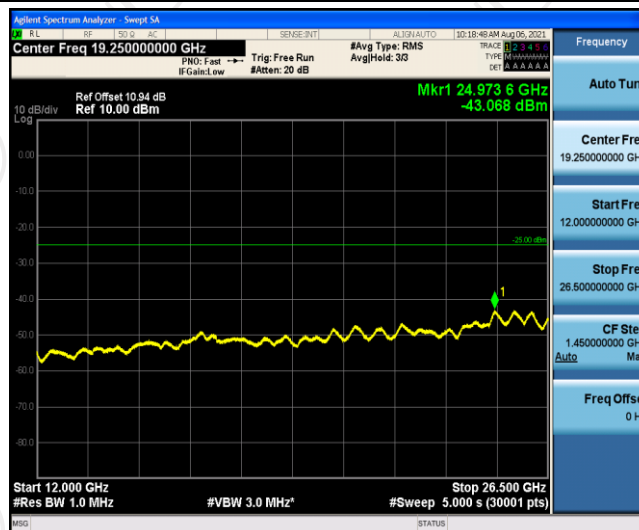
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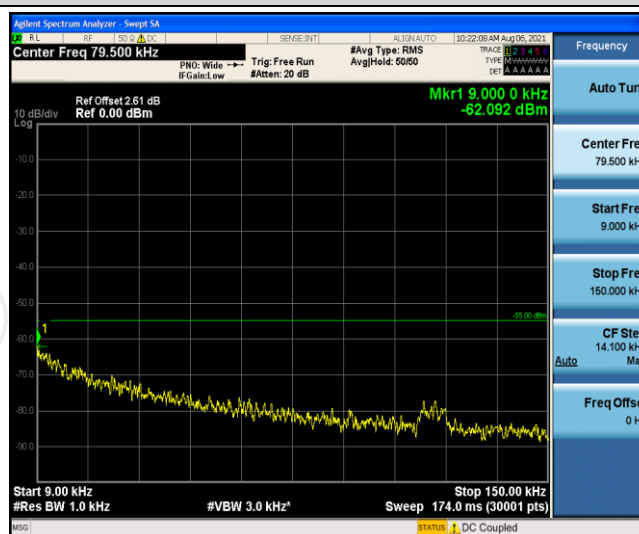
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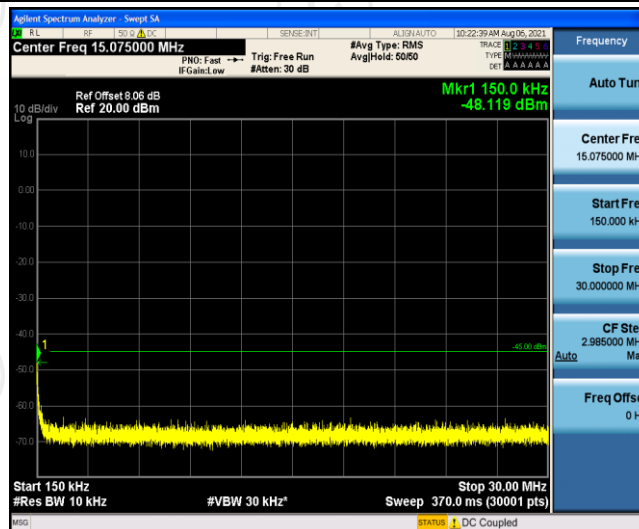
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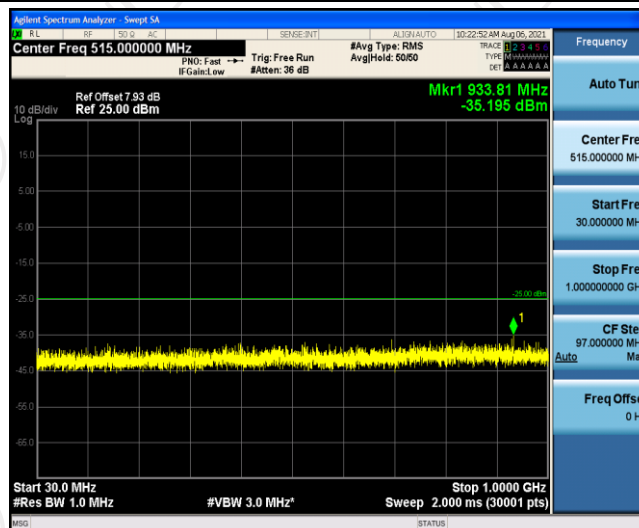
Band7-20MHz-16QAM-21350-1RB#0-Range1:0.009~0.15MHz



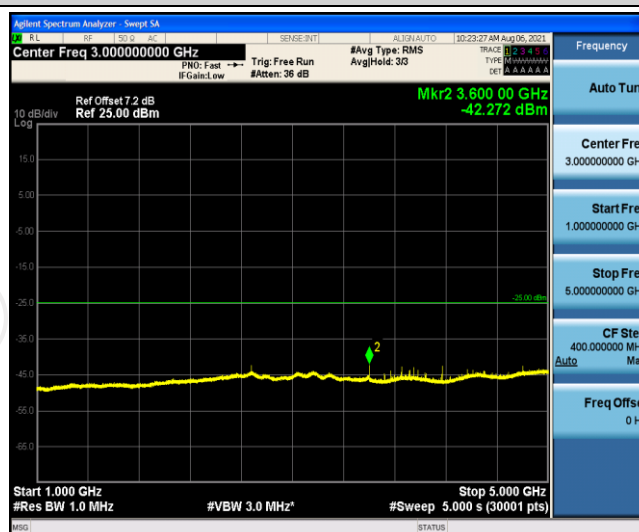
Band7-20MHz-16QAM-21350-1RB#0-Range2:0.15~30MHz



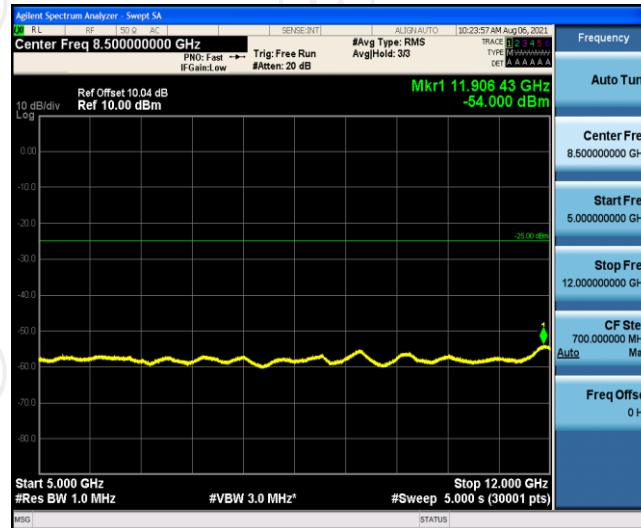
Band7-20MHz-16QAM-21350-1RB#0-Range3:30~1000MHz



Band7-20MHz-16QAM-21350-1RB#0-Range4:1000~5000MHz



Band7-20MHz-16QAM-21350-1RB#0-Range5:5000~12000MHz



Band7-20MHz-16QAM-21350-1RB#0-Range6:12000~26500MHz



## Appendix F: Frequency Stability

### Test Result

| Voltage |           |            |         |              |               |                  |                |                 |             |         |
|---------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band    | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band7   | 5MHz      | QPSK       | 20775   | 25RB#0       | VL            | NT               | -3.92          | -0.001566       | ±2.5        | PASS    |
| Band7   | 5MHz      | QPSK       | 20775   | 25RB#0       | VN            | NT               | -5.39          | -0.002154       | ±2.5        | PASS    |
| Band7   | 5MHz      | QPSK       | 20775   | 25RB#0       | VH            | NT               | -4.21          | -0.001682       | ±2.5        | PASS    |
| Band7   | 5MHz      | QPSK       | 21100   | 25RB#0       | VL            | NT               | 6.27           | 0.002473        | ±2.5        | PASS    |
| Band7   | 5MHz      | QPSK       | 21100   | 25RB#0       | VN            | NT               | -4.28          | -0.001688       | ±2.5        | PASS    |
| Band7   | 5MHz      | QPSK       | 21100   | 25RB#0       | VH            | NT               | 5.44           | 0.002146        | ±2.5        | PASS    |
| Band7   | 5MHz      | QPSK       | 21425   | 25RB#0       | VL            | NT               | -4.12          | -0.001605       | ±2.5        | PASS    |
| Band7   | 5MHz      | QPSK       | 21425   | 25RB#0       | VN            | NT               | -7.93          | -0.003089       | ±2.5        | PASS    |
| Band7   | 5MHz      | QPSK       | 21425   | 25RB#0       | VH            | NT               | -2.09          | -0.000814       | ±2.5        | PASS    |
| Band7   | 5MHz      | 16QAM      | 20775   | 25RB#0       | VL            | NT               | 4.92           | 0.001966        | ±2.5        | PASS    |
| Band7   | 5MHz      | 16QAM      | 20775   | 25RB#0       | VN            | NT               | -4.63          | -0.001850       | ±2.5        | PASS    |
| Band7   | 5MHz      | 16QAM      | 20775   | 25RB#0       | VH            | NT               | -4.28          | -0.001710       | ±2.5        | PASS    |
| Band7   | 5MHz      | 16QAM      | 21100   | 25RB#0       | VL            | NT               | 6.85           | 0.002702        | ±2.5        | PASS    |
| Band7   | 5MHz      | 16QAM      | 21100   | 25RB#0       | VN            | NT               | 6.45           | 0.002544        | ±2.5        | PASS    |
| Band7   | 5MHz      | 16QAM      | 21100   | 25RB#0       | VH            | NT               | 4.65           | 0.001834        | ±2.5        | PASS    |
| Band7   | 5MHz      | 16QAM      | 21425   | 25RB#0       | VL            | NT               | -3.79          | -0.001476       | ±2.5        | PASS    |
| Band7   | 5MHz      | 16QAM      | 21425   | 25RB#0       | VN            | NT               | -5.26          | -0.002049       | ±2.5        | PASS    |
| Band7   | 5MHz      | 16QAM      | 21425   | 25RB#0       | VH            | NT               | -3.88          | -0.001511       | ±2.5        | PASS    |

| Temperature |           |            |         |              |               |                  |                |                 |             |         |
|-------------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band        | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band7       | 5MHz      | QPSK       | 20775   | 25RB#0       | NV            | -30              | -5.76          | -0.002302       | ±2.5        | PASS    |
| Band7       | 5MHz      | QPSK       | 20775   | 25RB#0       | NV            | -20              | -4.18          | -0.001670       | ±2.5        | PASS    |
| Band7       | 5MHz      | QPSK       | 20775   | 25RB#0       | NV            | 0                | -3.02          | -0.001207       | ±2.5        | PASS    |
| Band7       | 5MHz      | QPSK       | 20775   | 25RB#0       | NV            | 10               | -4.84          | -0.001934       | ±2.5        | PASS    |
| Band7       | 5MHz      | QPSK       | 20775   | 25RB#0       | NV            | 20               | -4.76          | -0.001902       | ±2.5        | PASS    |
| Band7       | 5MHz      | QPSK       | 21100   | 25RB#0       | NV            | -30              | 7.08           | 0.002793        | ±2.5        | PASS    |
| Band7       | 5MHz      | QPSK       | 21100   | 25RB#0       | NV            | -20              | -3.09          | -0.001219       | ±2.5        | PASS    |
| Band7       | 5MHz      | QPSK       | 21100   | 25RB#0       | NV            | 0                | 5.98           | 0.002359        | ±2.5        | PASS    |
| Band7       | 5MHz      | QPSK       | 21100   | 25RB#0       | NV            | 10               | 5.89           | 0.002323        | ±2.5        | PASS    |
| Band7       | 5MHz      | QPSK       | 21100   | 25RB#0       | NV            | 20               | 4.78           | 0.001886        | ±2.5        | PASS    |
| Band7       | 5MHz      | QPSK       | 21425   | 25RB#0       | NV            | -30              | -3.59          | -0.001398       | ±2.5        | PASS    |

|       |      |       |       |        |    |     |       |           |      |      |
|-------|------|-------|-------|--------|----|-----|-------|-----------|------|------|
| Band7 | 5MHz | QPSK  | 21425 | 25RB#0 | NV | -20 | 5.02  | 0.001955  | ±2.5 | PASS |
| Band7 | 5MHz | QPSK  | 21425 | 25RB#0 | NV | 0   | 5.01  | 0.001951  | ±2.5 | PASS |
| Band7 | 5MHz | QPSK  | 21425 | 25RB#0 | NV | 10  | -5.88 | -0.002290 | ±2.5 | PASS |
| Band7 | 5MHz | QPSK  | 21425 | 25RB#0 | NV | 20  | 5.94  | 0.002314  | ±2.5 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 25RB#0 | NV | -30 | -2.63 | -0.001051 | ±2.5 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 25RB#0 | NV | -20 | -5.85 | -0.002338 | ±2.5 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 25RB#0 | NV | 0   | -4.58 | -0.001830 | ±2.5 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 25RB#0 | NV | 10  | -2.65 | -0.001059 | ±2.5 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 25RB#0 | NV | 20  | -4.59 | -0.001834 | ±2.5 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 25RB#0 | NV | -30 | 4.56  | 0.001799  | ±2.5 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 25RB#0 | NV | -20 | 3.88  | 0.001531  | ±2.5 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 25RB#0 | NV | 0   | 4.16  | 0.001641  | ±2.5 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 25RB#0 | NV | 10  | 6.59  | 0.002600  | ±2.5 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 25RB#0 | NV | 20  | 8.77  | 0.003460  | ±2.5 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 25RB#0 | NV | -30 | -5.42 | -0.002111 | ±2.5 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 25RB#0 | NV | -20 | 5.59  | 0.002177  | ±2.5 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 25RB#0 | NV | 0   | -3.06 | -0.001192 | ±2.5 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 25RB#0 | NV | 10  | -5.74 | -0.002236 | ±2.5 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 25RB#0 | NV | 20  | -7.34 | -0.002859 | ±2.5 | PASS |