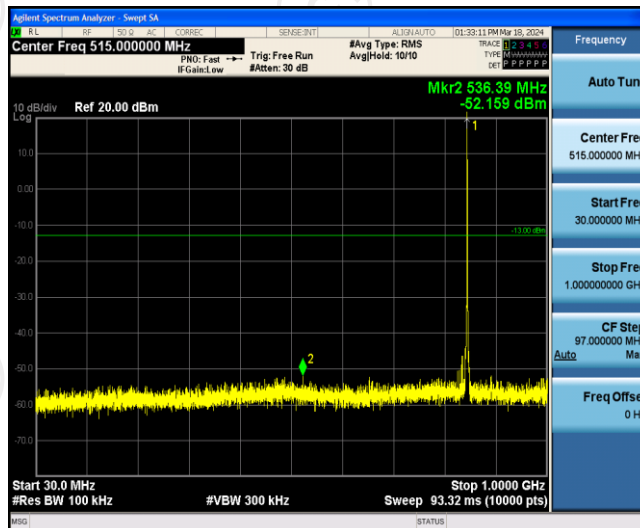
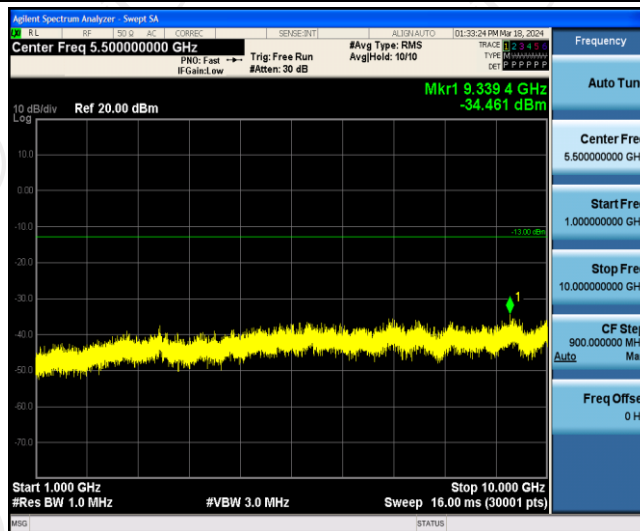
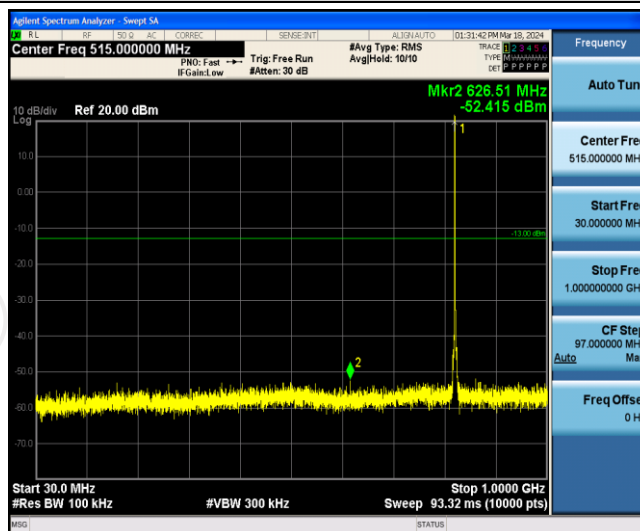




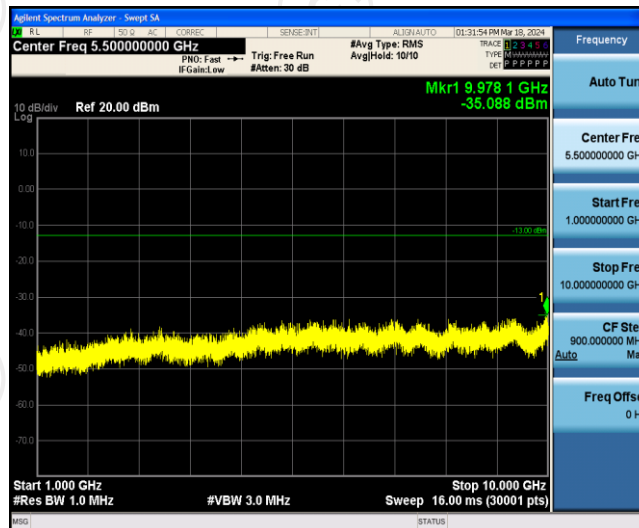
Band5-1.4MHz-QPSK-20643-1RB#0-Range1:30~1000MHz



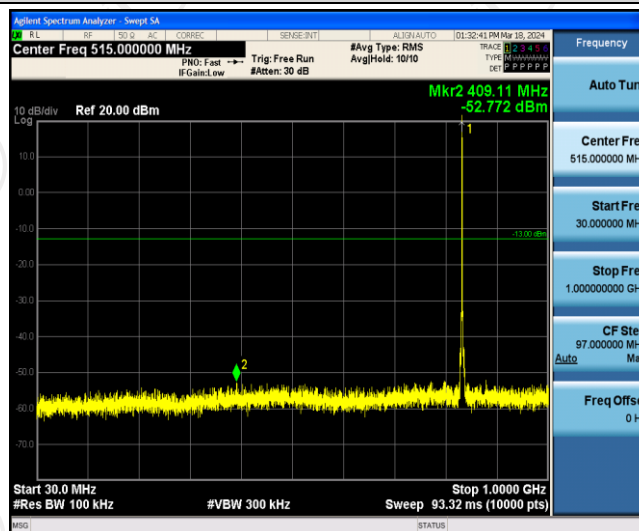
Band5-1.4MHz-QPSK-20643-1RB#0-Range2:1000~10000MHz



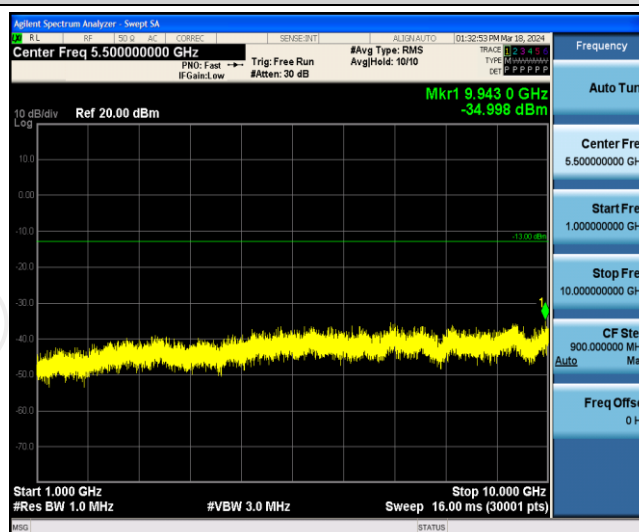
Band5-1.4MHz-16QAM-20407-1RB#0-Range1:30~1000MHz



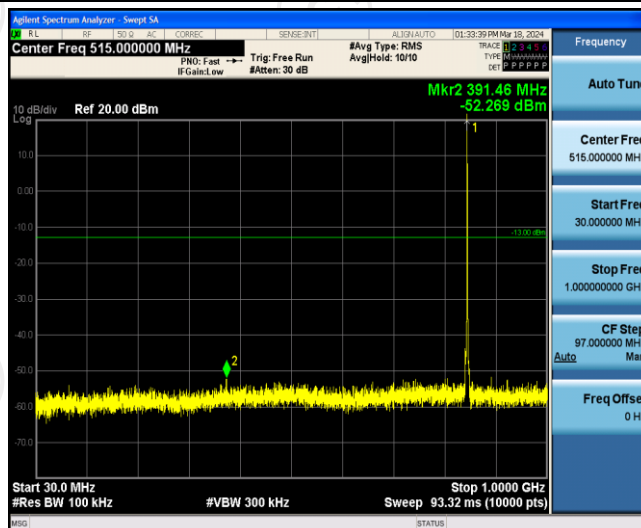
Band5-1.4MHz-16QAM-20407-1RB#0-Range2:1000~10000MHz



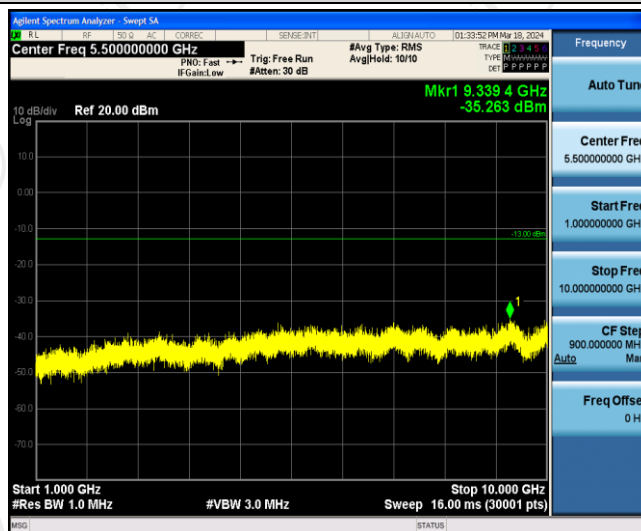
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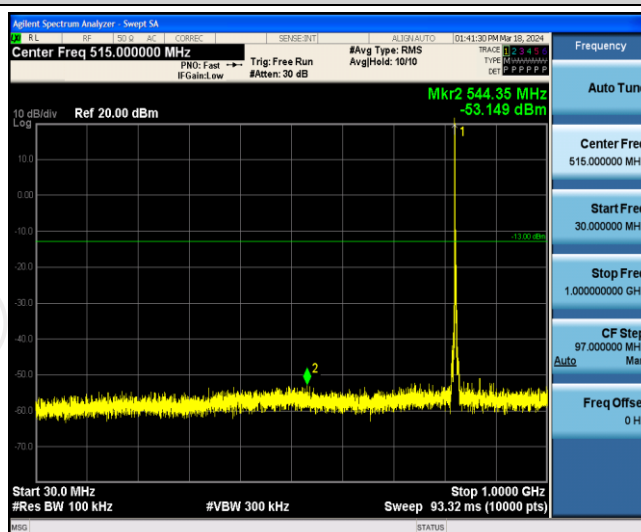
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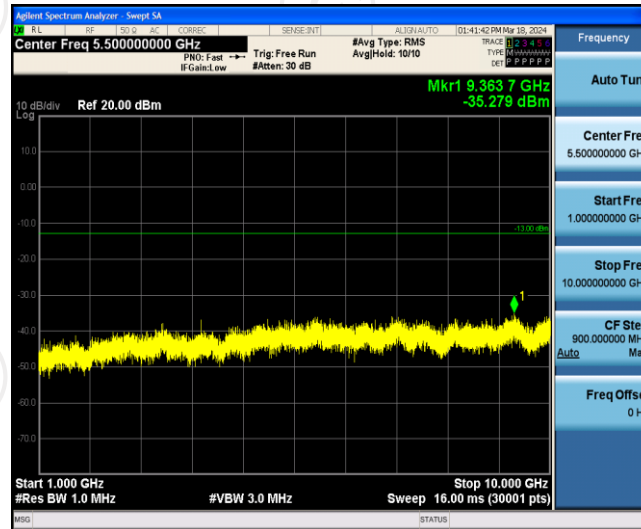
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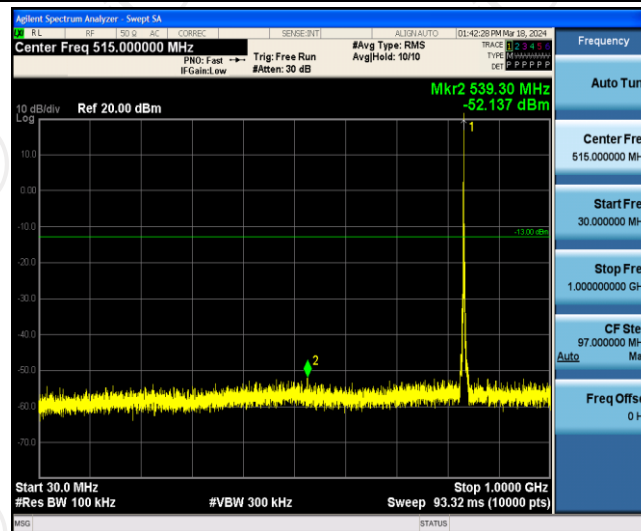
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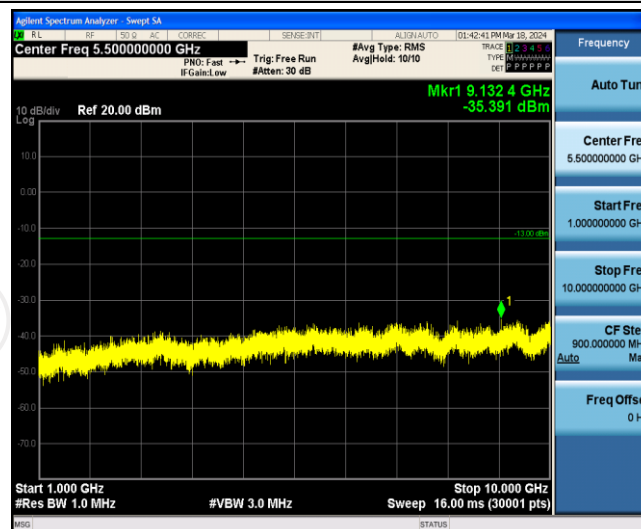
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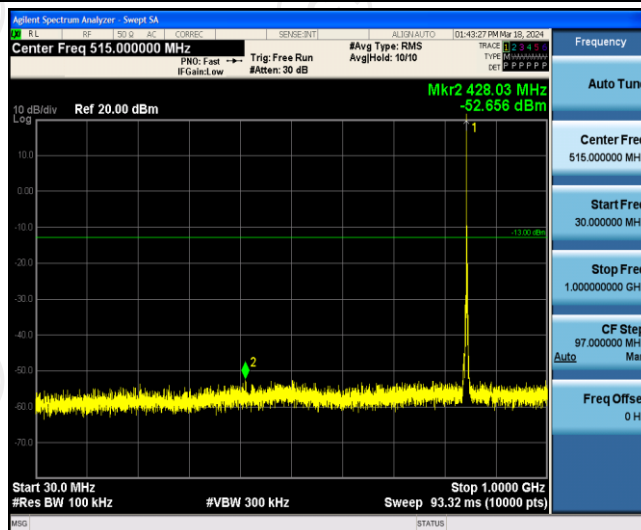
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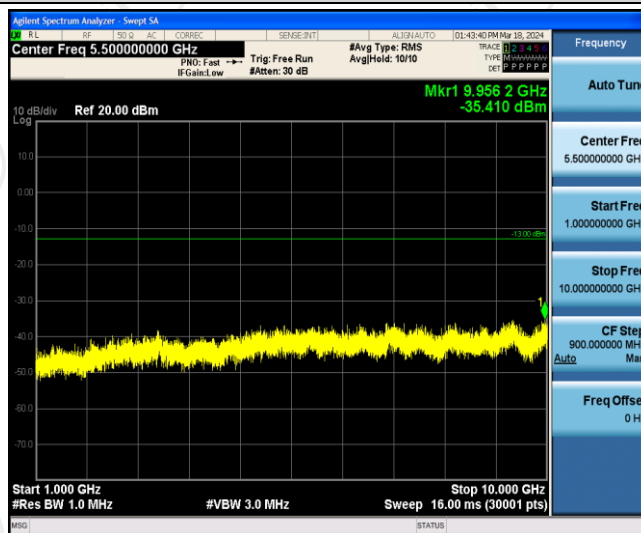
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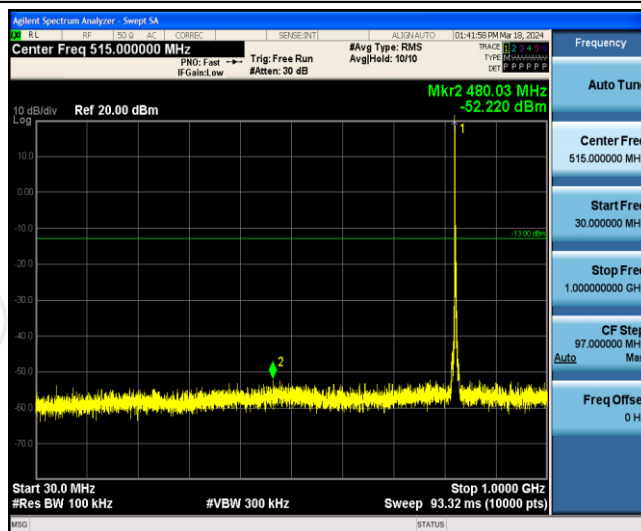
Band5-3MHz-QPSK-20525-1RB#0-Range2:1000~10000MHz



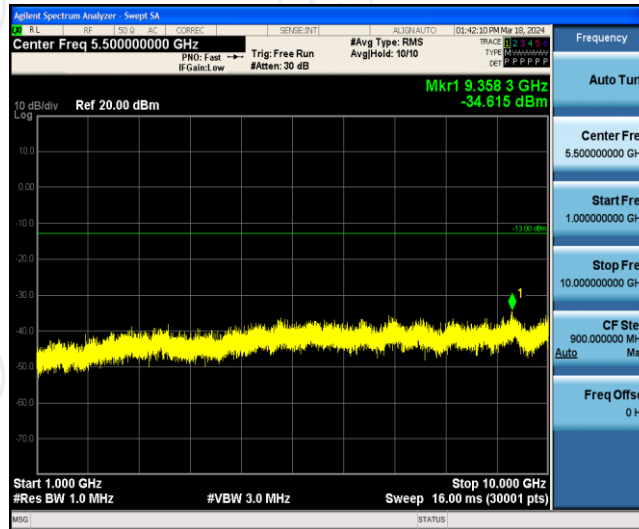
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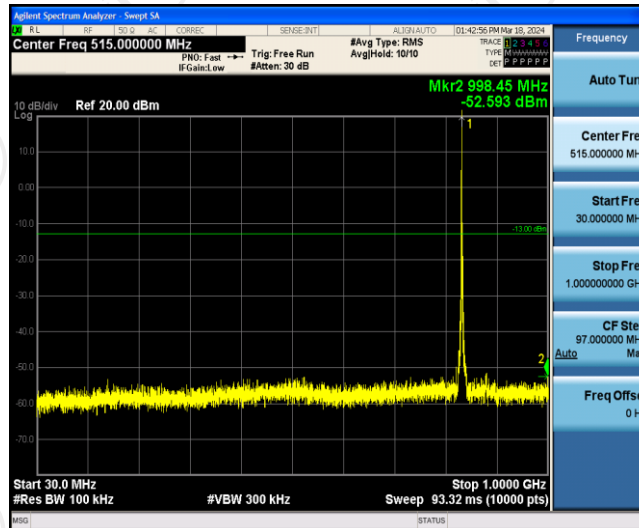
Band5-3MHz-QPSK-20635-1RB#0-Range2:1000~10000MHz



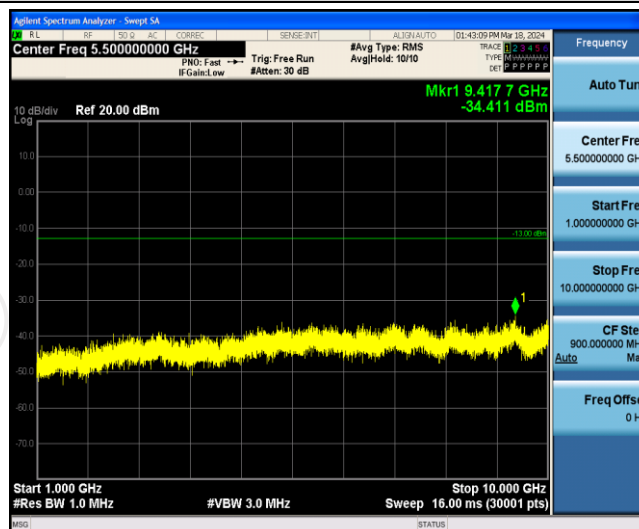
Band5-3MHz-16QAM-20415-1RB#0-Range1:30~1000MHz



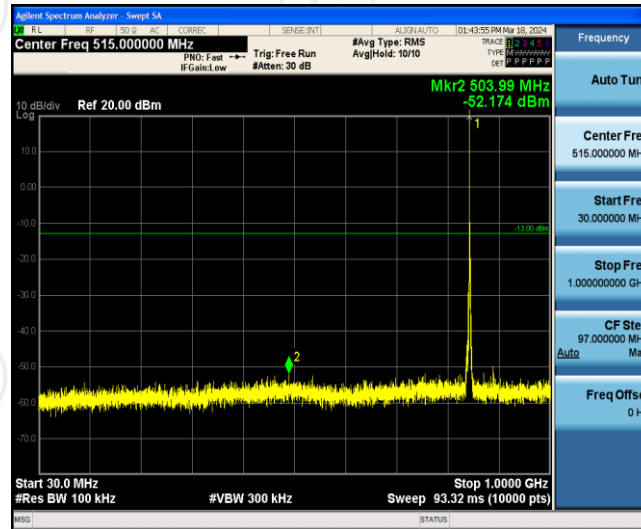
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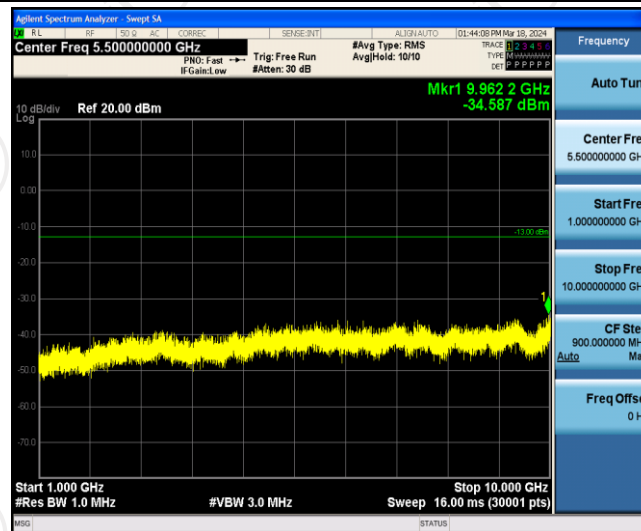
Band5-3MHz-16QAM-20525-1RB#0-Range1:30~1000MHz



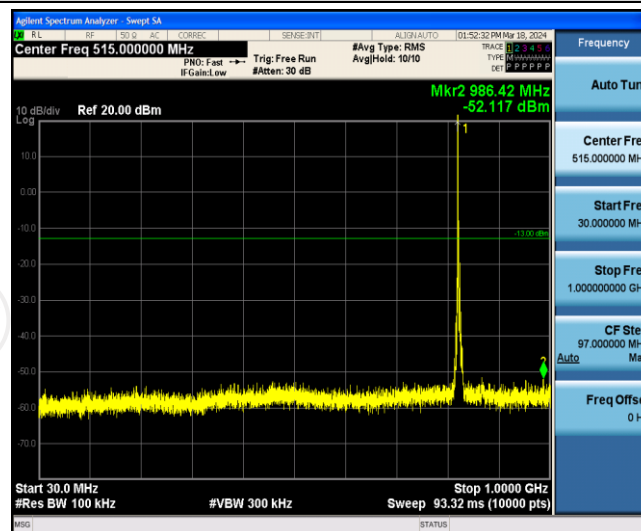
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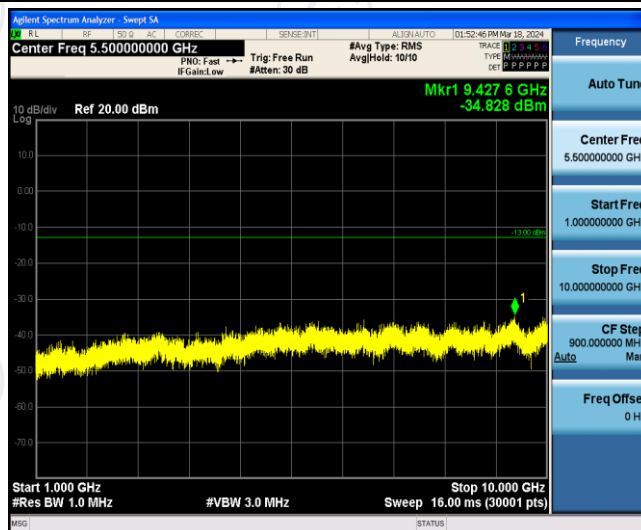
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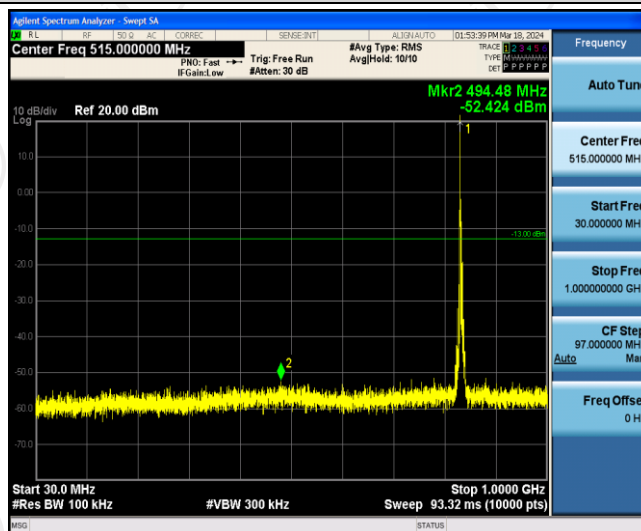
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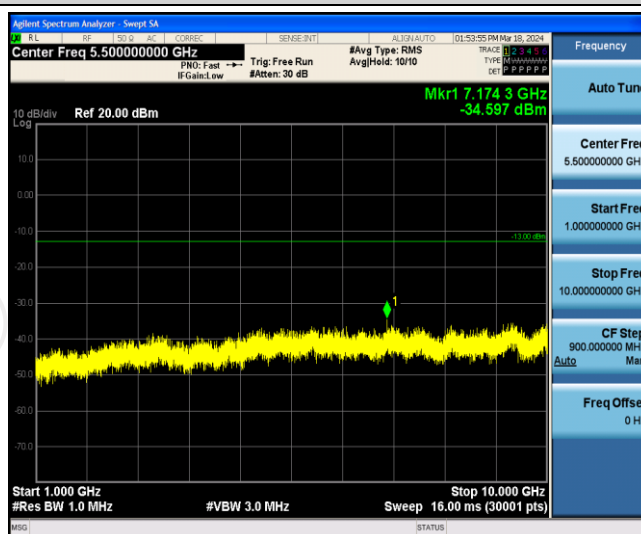
Band5-5MHz-QPSK-20425-1RB#0-Range1:30~1000MHz



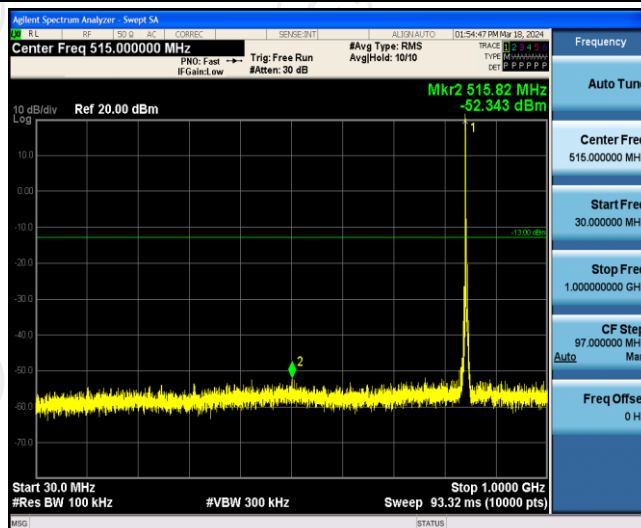
Band5-5MHz-QPSK-20425-1RB#0-Range2:1000~10000MHz



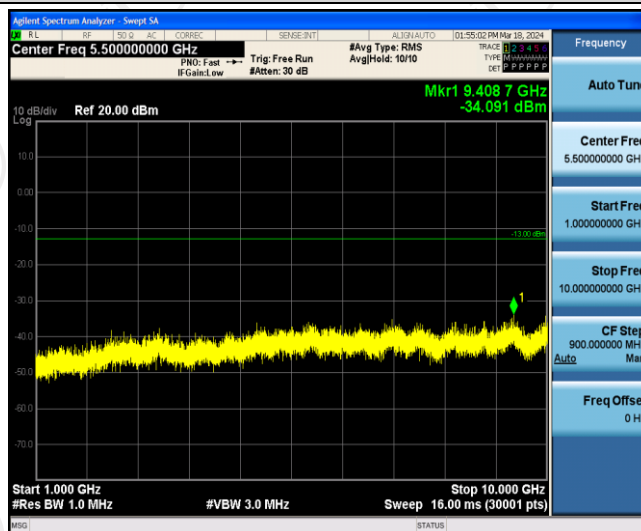
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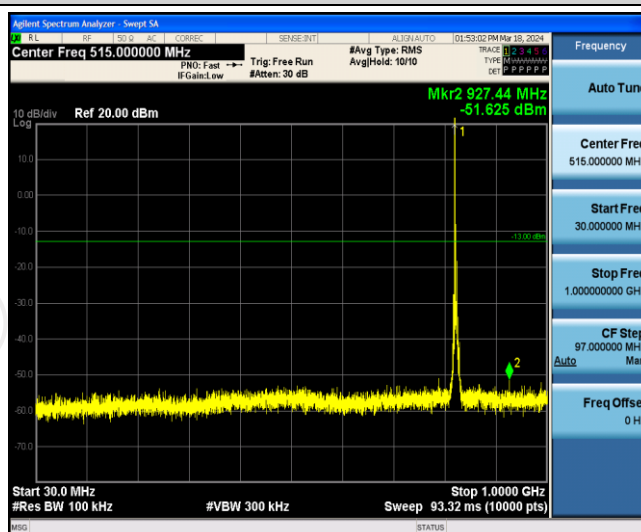
Band5-5MHz-QPSK-20525-1RB#0-Range2:1000~10000MHz



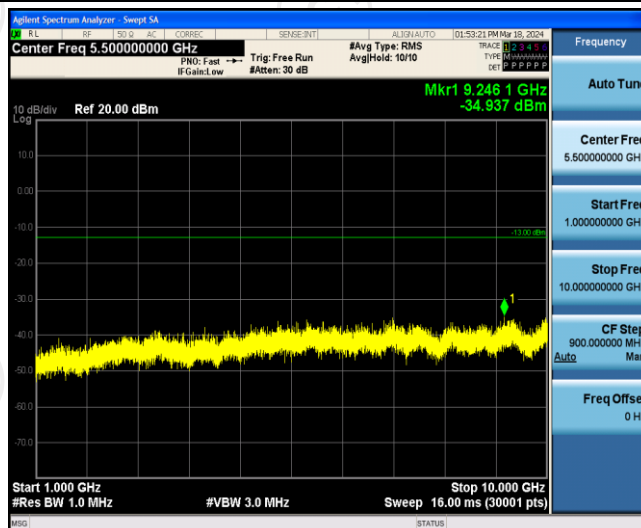
Band5-5MHz-QPSK-20625-1RB#0-Range1:30~1000MHz



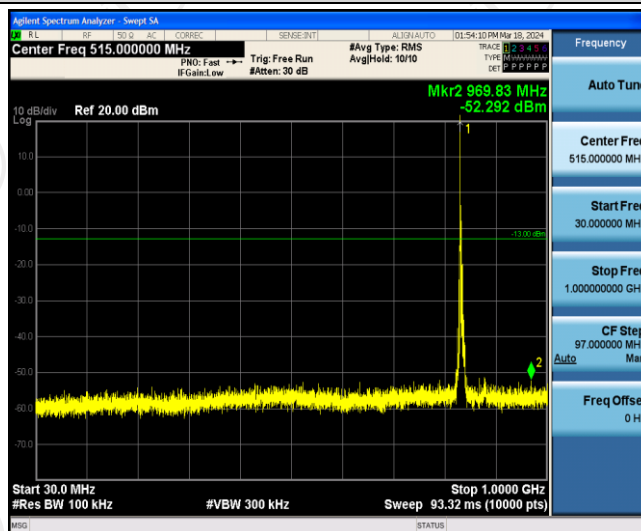
Band5-5MHz-QPSK-20625-1RB#0-Range2:1000~10000MHz



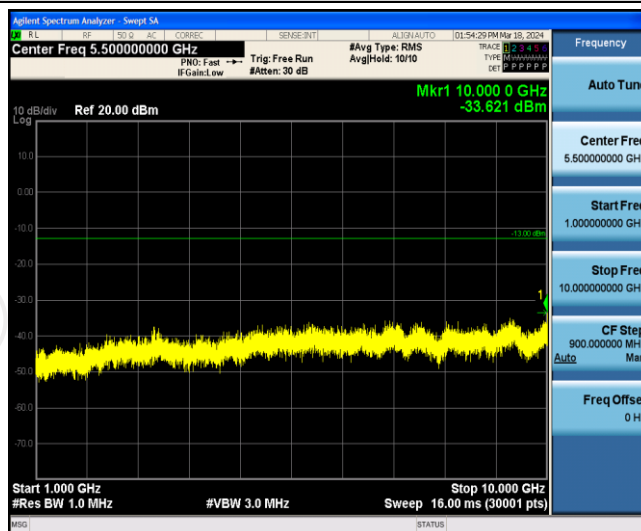
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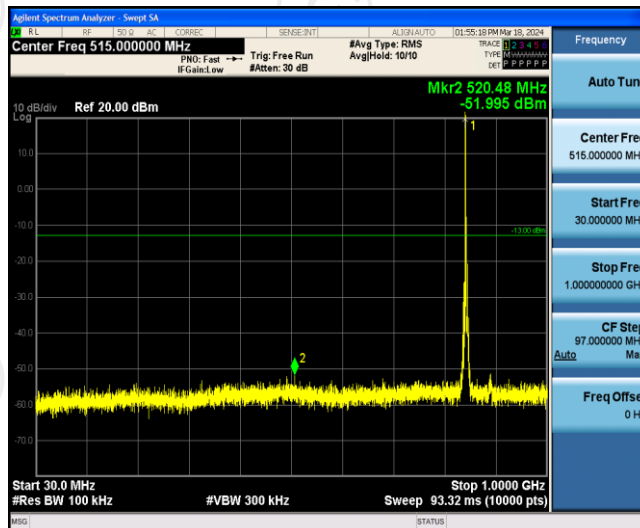
Band5-5MHz-16QAM-20425-1RB#0-Range2:1000~10000MHz



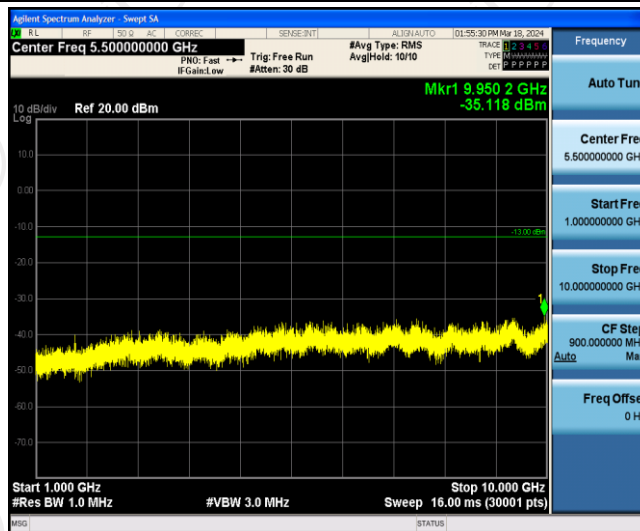
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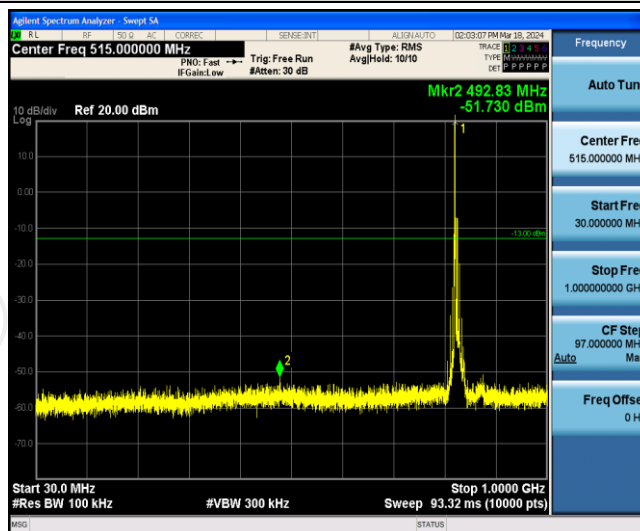
Band5-5MHz-16QAM-20525-1RB#0-Range2:1000~10000MHz



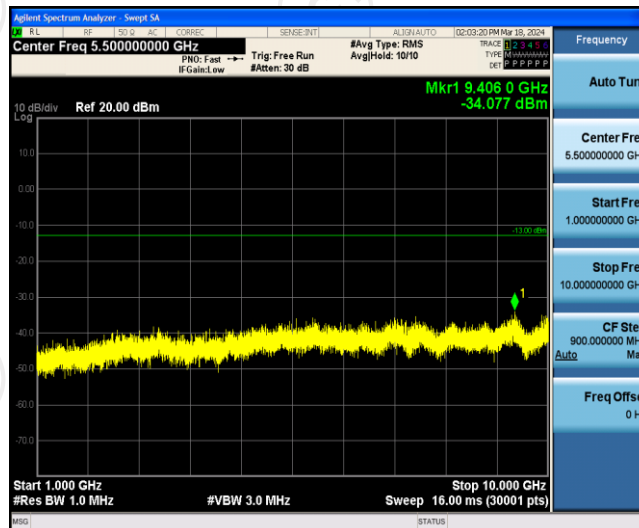
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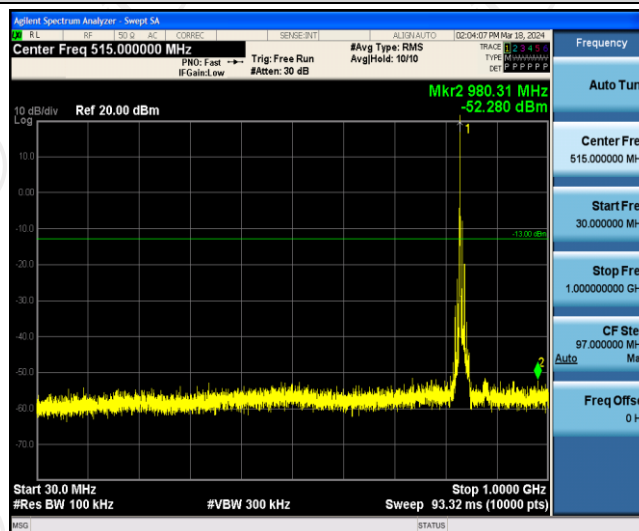
Band5-5MHz-16QAM-20625-1RB#0-Range2:1000~10000MHz



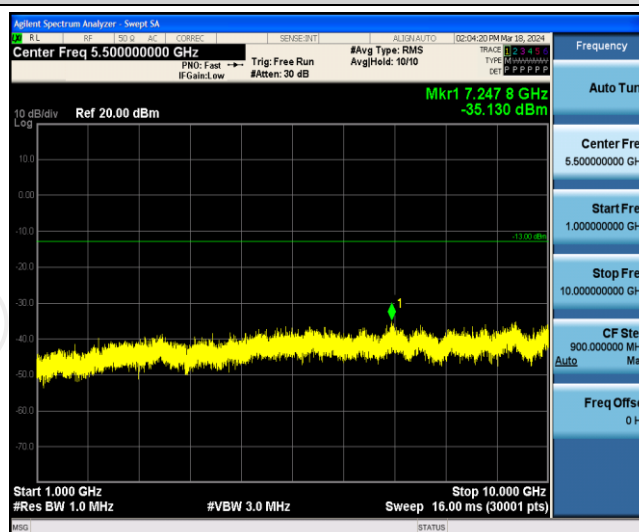
Band5-10MHz-QPSK-20450-1RB#0-Range1:30~1000MHz



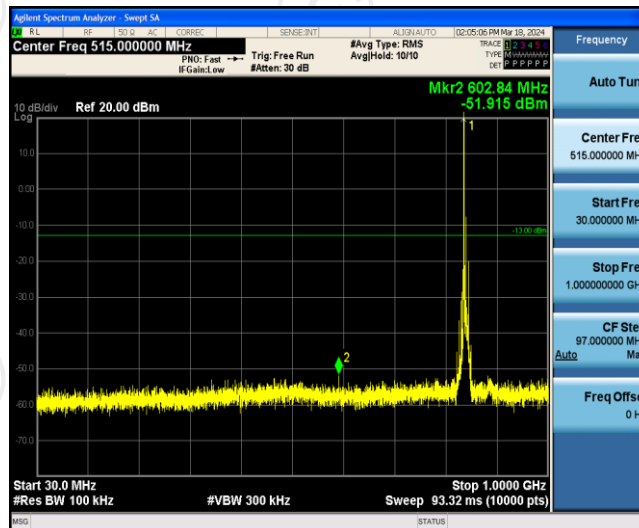
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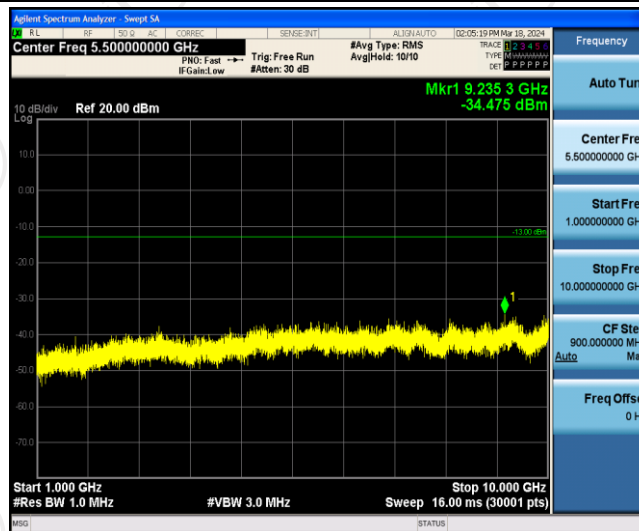
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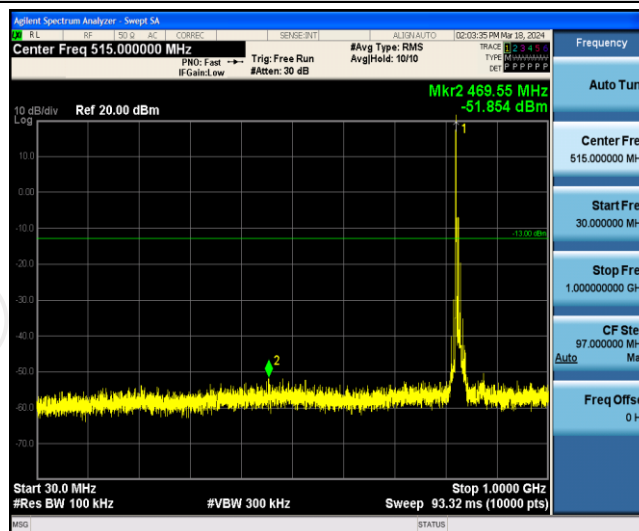
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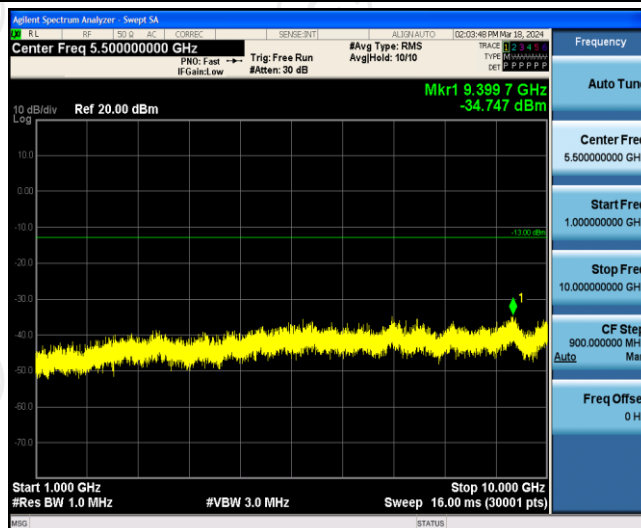
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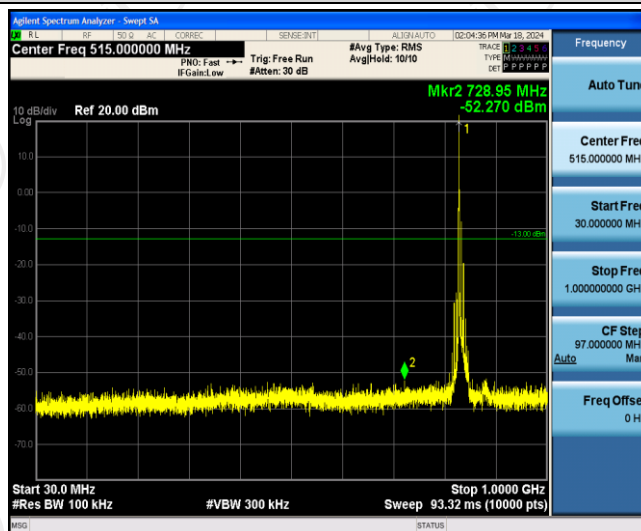
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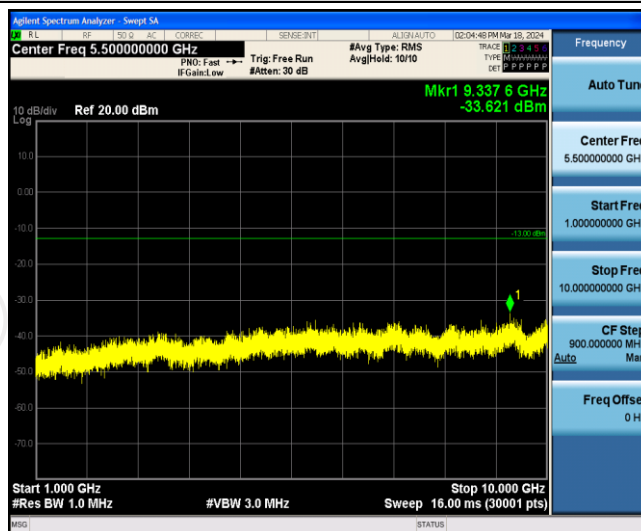
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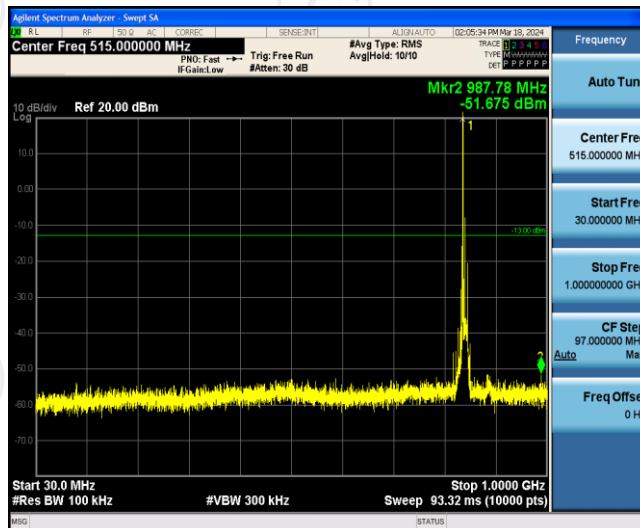
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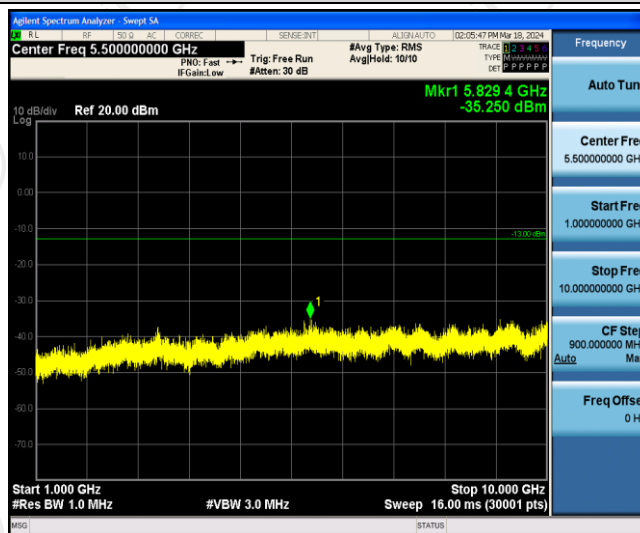
Band5-10MHz-16QAM-20525-1RB#0-Range1:30~1000MHz



Band5-10MHz-16QAM-20525-1RB#0-Range2:1000~10000MHz



Band5-10MHz-16QAM-20600-1RB#0-Range1:30~1000MHz



Band5-10MHz-16QAM-20600-1RB#0-Range2:1000~10000MHz

## Appendix F: Frequency Stability

### Test Result

| Voltage |           |            |         |              |               |                  |                |                 |             |         |
|---------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band    | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band5   | 1.4MHz    | QPSK       | 20407   | 6RB#0        | VL            | NT               | -8.33          | -0.010101       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | QPSK       | 20407   | 6RB#0        | VN            | NT               | -9.13          | -0.011071       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | QPSK       | 20407   | 6RB#0        | VH            | NT               | -5.64          | -0.006839       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | QPSK       | 20525   | 6RB#0        | VL            | NT               | -11.58         | -0.013843       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | QPSK       | 20525   | 6RB#0        | VN            | NT               | -4.23          | -0.005057       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | QPSK       | 20525   | 6RB#0        | VH            | NT               | -7.47          | -0.008930       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | QPSK       | 20643   | 6RB#0        | VL            | NT               | -8.47          | -0.009985       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | QPSK       | 20643   | 6RB#0        | VN            | NT               | -5.01          | -0.005906       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | QPSK       | 20643   | 6RB#0        | VH            | NT               | -9.93          | -0.011706       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | 16QAM      | 20407   | 6RB#0        | VL            | NT               | -4.26          | -0.005166       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | 16QAM      | 20407   | 6RB#0        | VN            | NT               | -5.07          | -0.006148       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | 16QAM      | 20407   | 6RB#0        | VH            | NT               | -6.82          | -0.008270       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | 16QAM      | 20525   | 6RB#0        | VL            | NT               | -12.67         | -0.015146       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | 16QAM      | 20525   | 6RB#0        | VN            | NT               | -12.79         | -0.015290       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | 16QAM      | 20525   | 6RB#0        | VH            | NT               | -9.74          | -0.011644       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | 16QAM      | 20643   | 6RB#0        | VL            | NT               | -8.47          | -0.009985       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | 16QAM      | 20643   | 6RB#0        | VN            | NT               | -13.09         | -0.015431       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | 16QAM      | 20643   | 6RB#0        | VH            | NT               | -7.40          | -0.008723       | ±2.5        | PASS    |

| Temperature |           |            |         |              |               |                  |                |                 |             |         |
|-------------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band        | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band5       | 1.4MHz    | QPSK       | 20407   | 6RB#0        | NV            | -30              | -9.70          | -0.011762       | ±2.5        | PASS    |
| Band5       | 1.4MHz    | QPSK       | 20407   | 6RB#0        | NV            | -20              | -5.63          | -0.006827       | ±2.5        | PASS    |
| Band5       | 1.4MHz    | QPSK       | 20407   | 6RB#0        | NV            | 0                | -3.21          | -0.003892       | ±2.5        | PASS    |
| Band5       | 1.4MHz    | QPSK       | 20407   | 6RB#0        | NV            | 10               | -9.83          | -0.011919       | ±2.5        | PASS    |
| Band5       | 1.4MHz    | QPSK       | 20407   | 6RB#0        | NV            | 20               | -6.91          | -0.008379       | ±2.5        | PASS    |
| Band5       | 1.4MHz    | QPSK       | 20525   | 6RB#0        | NV            | -30              | -6.06          | -0.007244       | ±2.5        | PASS    |
| Band5       | 1.4MHz    | QPSK       | 20525   | 6RB#0        | NV            | -20              | -11.46         | -0.013700       | ±2.5        | PASS    |
| Band5       | 1.4MHz    | QPSK       | 20525   | 6RB#0        | NV            | 0                | -9.17          | -0.010962       | ±2.5        | PASS    |
| Band5       | 1.4MHz    | QPSK       | 20525   | 6RB#0        | NV            | 10               | -10.20         | -0.012194       | ±2.5        | PASS    |
| Band5       | 1.4MHz    | QPSK       | 20525   | 6RB#0        | NV            | 20               | -8.52          | -0.010185       | ±2.5        | PASS    |
| Band5       | 1.4MHz    | QPSK       | 20643   | 6RB#0        | NV            | -30              | -9.37          | -0.011046       | ±2.5        | PASS    |

|       |        |       |       |       |    |     |        |           |      |      |
|-------|--------|-------|-------|-------|----|-----|--------|-----------|------|------|
| Band5 | 1.4MHz | QPSK  | 20643 | 6RB#0 | NV | -20 | -12.53 | -0.014771 | ±2.5 | PASS |
| Band5 | 1.4MHz | QPSK  | 20643 | 6RB#0 | NV | 0   | -9.69  | -0.011423 | ±2.5 | PASS |
| Band5 | 1.4MHz | QPSK  | 20643 | 6RB#0 | NV | 10  | -7.81  | -0.009207 | ±2.5 | PASS |
| Band5 | 1.4MHz | QPSK  | 20643 | 6RB#0 | NV | 20  | -6.45  | -0.007603 | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 6RB#0 | NV | -30 | -4.95  | -0.006002 | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 6RB#0 | NV | -20 | -3.93  | -0.004765 | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 6RB#0 | NV | 0   | -6.42  | -0.007785 | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 6RB#0 | NV | 10  | 3.68   | 0.004462  | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 6RB#0 | NV | 20  | -8.06  | -0.009773 | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 6RB#0 | NV | -30 | -5.79  | -0.006922 | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 6RB#0 | NV | -20 | -6.09  | -0.007280 | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 6RB#0 | NV | 0   | -11.26 | -0.013461 | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 6RB#0 | NV | 10  | -6.67  | -0.007974 | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 6RB#0 | NV | 20  | -10.91 | -0.013042 | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 6RB#0 | NV | -30 | -8.80  | -0.010374 | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 6RB#0 | NV | -20 | -7.17  | -0.008452 | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 6RB#0 | NV | 0   | -9.65  | -0.011376 | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 6RB#0 | NV | 10  | -3.63  | -0.004279 | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 6RB#0 | NV | 20  | -6.38  | -0.007521 | ±2.5 | PASS |