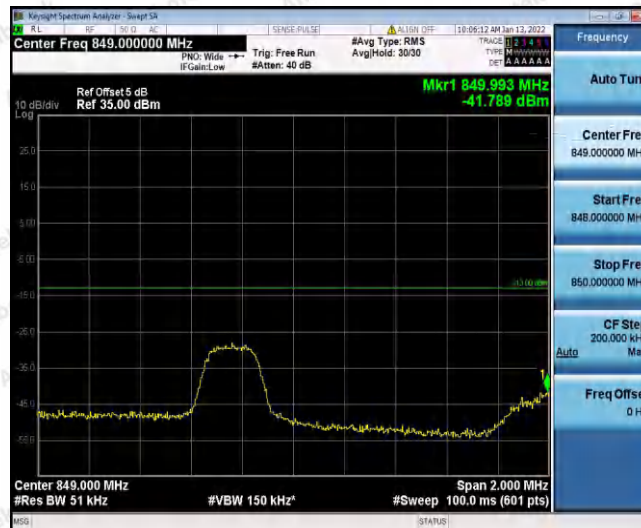




Band5-3MHz-QPSK-20635-1RB#0



Band5-3MHz-QPSK-20635-1RB#14



Band5-3MHz-QPSK-20635-15RB#0

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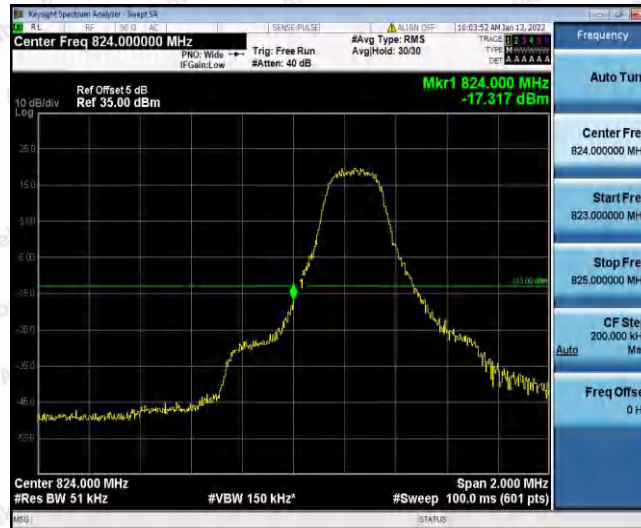
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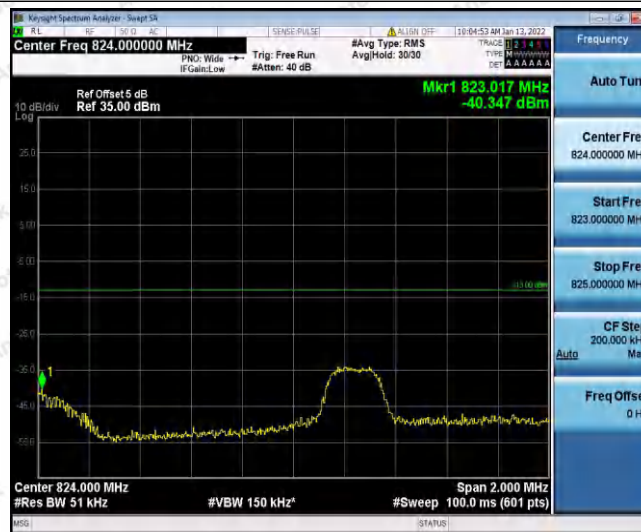
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Band5-3MHz-16QAM-20415-1RB#0



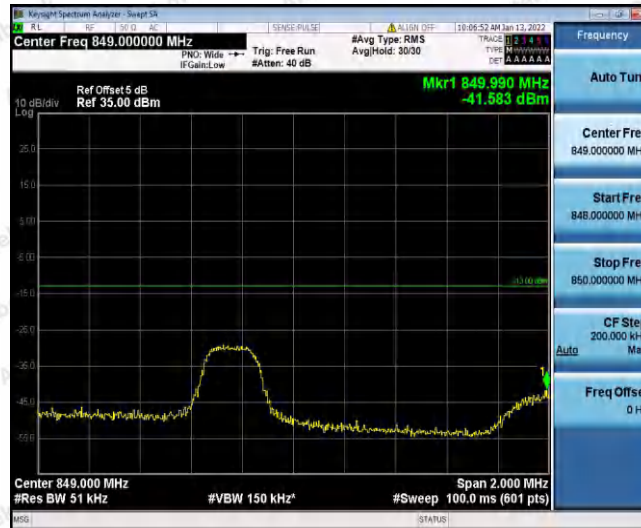
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Band5-3MHz-16QAM-20415-15RB#0



Band5-3MHz-16QAM-20635-1RB#0



Band5-3MHz-16QAM-20635-1RB#14



Band5-3MHz-16QAM-20635-15RB#0



Band5-5MHz-QPSK-20425-1RB#0



Band5-5MHz-QPSK-20425-1RB#24



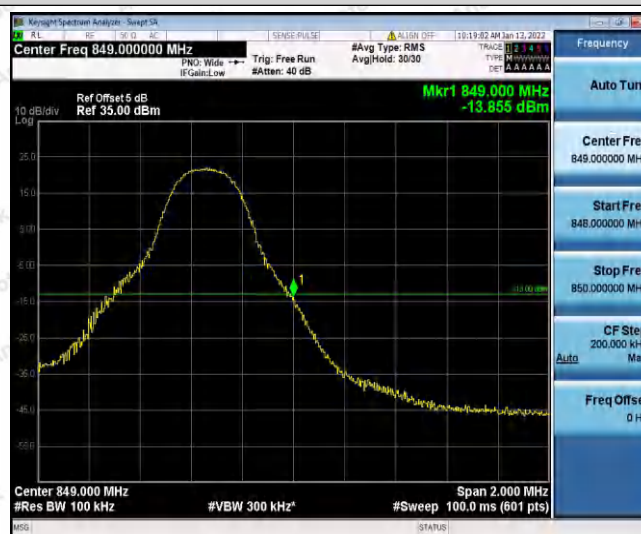
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Band5-5MHz-QPSK-20625-1RB#0



Band5-5MHz-QPSK-20625-1RB#24



Band5-5MHz-QPSK-20625-25RB#0



Band5-5MHz-16QAM-20425-1RB#0



Band5-5MHz-16QAM-20425-1RB#24



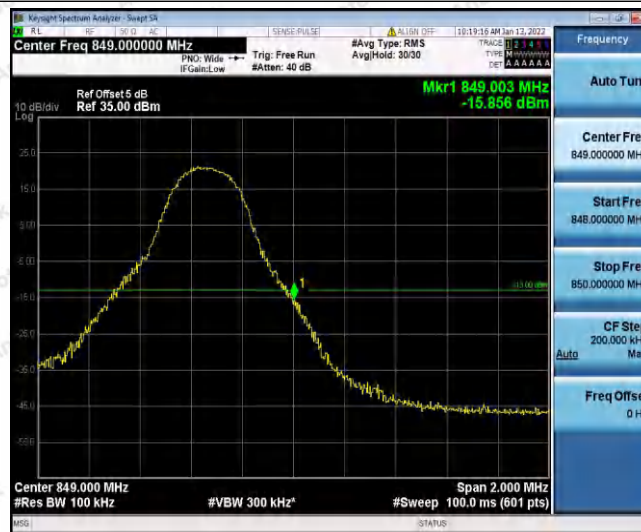
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Band5-5MHz-16QAM-20625-1RB#0



Band5-5MHz-16QAM-20625-1RB#24



Band5-5MHz-16QAM-20625-25RB#0



Band5-10MHz-QPSK-20450-1RB#0



Band5-10MHz-QPSK-20450-1RB#49



Band5-10MHz-QPSK-20450-50RB#0

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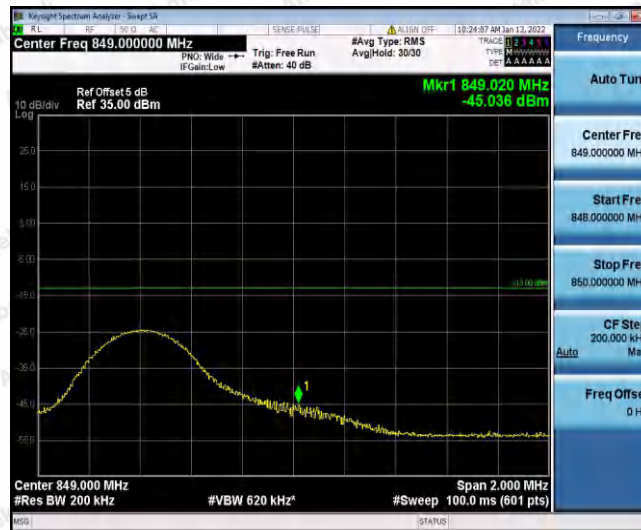
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Band5-10MHz-QPSK-20600-1RB#0



Band5-10MHz-QPSK-20600-1RB#49



Band5-10MHz-QPSK-20600-50RB#0



Band5-10MHz-16QAM-20450-1RB#0



Band5-10MHz-16QAM-20450-1RB#49



Band5-10MHz-16QAM-20450-50RB#0



Band5-10MHz-16QAM-20600-1RB#0



Band5-10MHz-16QAM-20600-1RB#49



Band5-10MHz-16QAM-20600-50RB#0



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## Appendix E: Conducted Spurious Emission

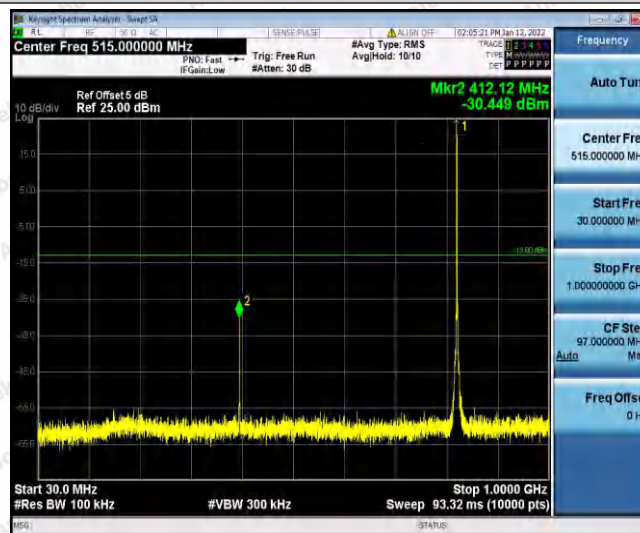
### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Frequency Range      | Result (dBm) | Verdict |
|-------|-----------|------------|---------|------------------|----------------------|--------------|---------|
| Band5 | 1.4MHz    | QPSK       | 20407   | 1RB#0            | Range1:30~1000MHz    | -30.45       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 1RB#0            | Range2:1000~10000MHz | -36.27       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 1RB#0            | Range1:30~1000MHz    | -29.1        | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 1RB#0            | Range2:1000~10000MHz | -39.14       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 1RB#0            | Range1:30~1000MHz    | -26.16       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 1RB#0            | Range2:1000~10000MHz | -39.34       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 1RB#0            | Range1:30~1000MHz    | -30.16       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 1RB#0            | Range2:1000~10000MHz | -34.92       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 1RB#0            | Range1:30~1000MHz    | -30.64       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 1RB#0            | Range2:1000~10000MHz | -39.1        | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 1RB#0            | Range1:30~1000MHz    | -25.88       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 1RB#0            | Range2:1000~10000MHz | -39.96       | PASS    |
| Band5 | 3MHz      | QPSK       | 20415   | 1RB#0            | Range1:30~1000MHz    | -30.05       | PASS    |
| Band5 | 3MHz      | QPSK       | 20415   | 1RB#0            | Range2:1000~10000MHz | -36.61       | PASS    |
| Band5 | 3MHz      | QPSK       | 20525   | 1RB#0            | Range1:30~1000MHz    | -28.95       | PASS    |
| Band5 | 3MHz      | QPSK       | 20525   | 1RB#0            | Range2:1000~10000MHz | -38.46       | PASS    |
| Band5 | 3MHz      | QPSK       | 20635   | 1RB#0            | Range1:30~1000MHz    | -25.97       | PASS    |
| Band5 | 3MHz      | QPSK       | 20635   | 1RB#0            | Range2:1000~10000MHz | -36.61       | PASS    |
| Band5 | 3MHz      | 16QAM      | 20415   | 1RB#0            | Range1:30~1000MHz    | -31.1        | PASS    |
| Band5 | 3MHz      | 16QAM      | 20415   | 1RB#0            | Range2:1000~10000MHz | -36.45       | PASS    |
| Band5 | 3MHz      | 16QAM      | 20525   | 1RB#0            | Range1:30~1000MHz    | -29.63       | PASS    |
| Band5 | 3MHz      | 16QAM      | 20525   | 1RB#0            | Range2:1000~10000MHz | -39.92       | PASS    |
| Band5 | 3MHz      | 16QAM      | 20635   | 1RB#0            | Range1:30~1000MHz    | -26.05       | PASS    |
| Band5 | 3MHz      | 16QAM      | 20635   | 1RB#0            | Range2:1000~10000MHz | -38.37       | PASS    |
| Band5 | 5MHz      | QPSK       | 20425   | 1RB#0            | Range1:30~1000MHz    | -30.42       | PASS    |
| Band5 | 5MHz      | QPSK       | 20425   | 1RB#0            | Range2:1000~10000MHz | -36.15       | PASS    |
| Band5 | 5MHz      | QPSK       | 20525   | 1RB#0            | Range1:30~1000MHz    | -29.43       | PASS    |
| Band5 | 5MHz      | QPSK       | 20525   | 1RB#0            | Range2:1000~10000MHz | -35.74       | PASS    |
| Band5 | 5MHz      | QPSK       | 20625   | 1RB#0            | Range1:30~1000MHz    | -26.96       | PASS    |
| Band5 | 5MHz      | QPSK       | 20625   | 1RB#0            | Range2:1000~10000MHz | -38.55       | PASS    |
| Band5 | 5MHz      | 16QAM      | 20425   | 1RB#0            | Range1:30~1000MHz    | -30.07       | PASS    |
| Band5 | 5MHz      | 16QAM      | 20425   | 1RB#0            | Range2:1000~10000MHz | -35.96       | PASS    |
| Band5 | 5MHz      | 16QAM      | 20525   | 1RB#0            | Range1:30~1000MHz    | -29.72       | PASS    |
| Band5 | 5MHz      | 16QAM      | 20525   | 1RB#0            | Range2:1000~10000MHz | -38.64       | PASS    |
| Band5 | 5MHz      | 16QAM      | 20625   | 1RB#0            | Range1:30~1000MHz    | -26.08       | PASS    |

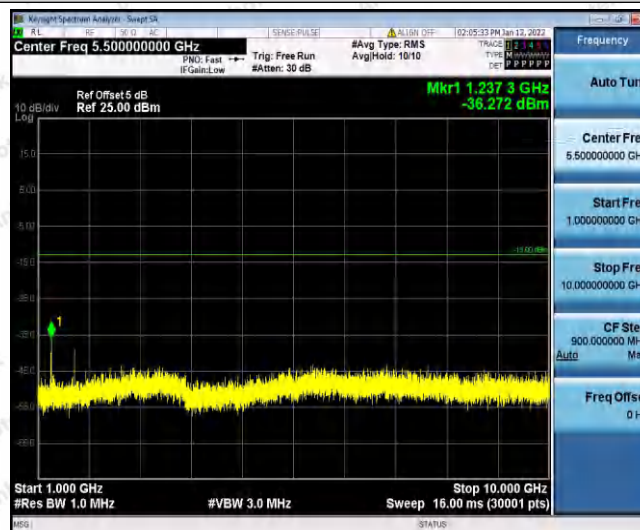
|       |       |       |       |       |                      |        |      |
|-------|-------|-------|-------|-------|----------------------|--------|------|
| Band5 | 5MHz  | 16QAM | 20625 | 1RB#0 | Range2:1000~10000MHz | -39.27 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 1RB#0 | Range1:30~1000MHz    | -30.03 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 1RB#0 | Range2:1000~10000MHz | -36.54 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 1RB#0 | Range1:30~1000MHz    | -29.69 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 1RB#0 | Range2:1000~10000MHz | -35.48 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 1RB#0 | Range1:30~1000MHz    | -27.2  | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 1RB#0 | Range2:1000~10000MHz | -36.49 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#0 | Range1:30~1000MHz    | -30.29 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#0 | Range2:1000~10000MHz | -36.28 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#0 | Range1:30~1000MHz    | -30.1  | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#0 | Range2:1000~10000MHz | -39.45 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#0 | Range1:30~1000MHz    | -27.16 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#0 | Range2:1000~10000MHz | -38.37 | PASS |

## Test Graphs

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



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



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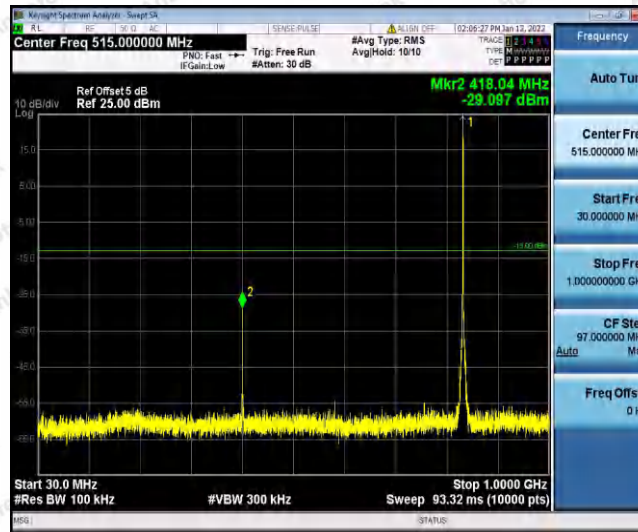


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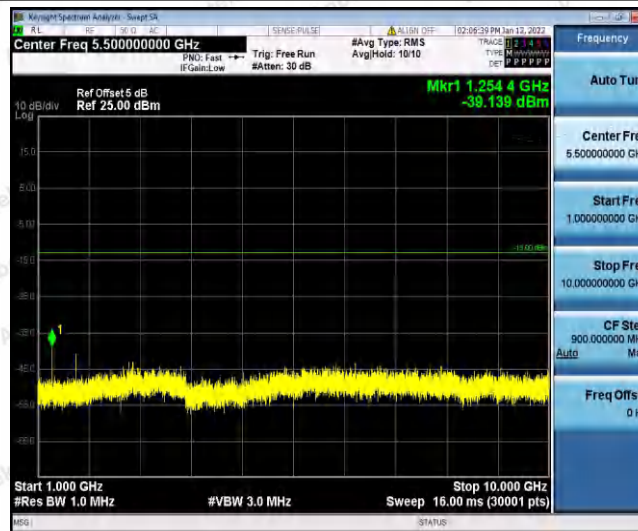
400-003-0500

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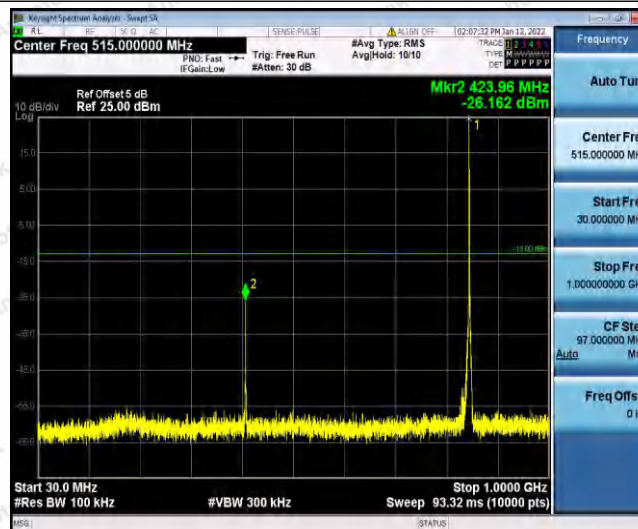
## Band5-1.4MHz-QPSK-20525-1RB#0-Range1:30~1000MHz



## Band5-1.4MHz-QPSK-20525-1RB#0-Range2:1000~10000MHz



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



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

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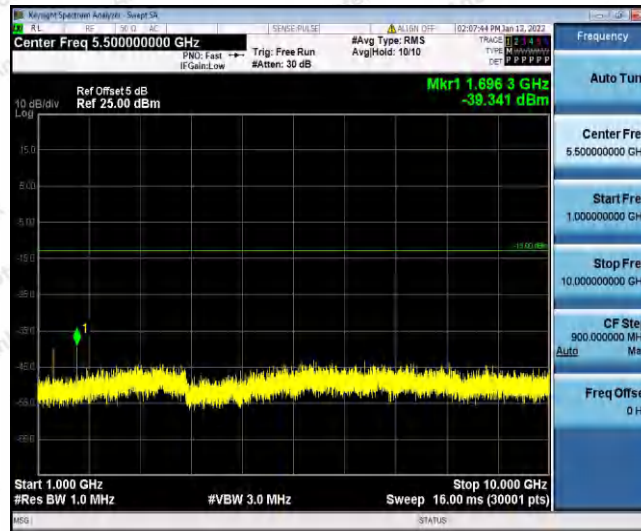
Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotek.com



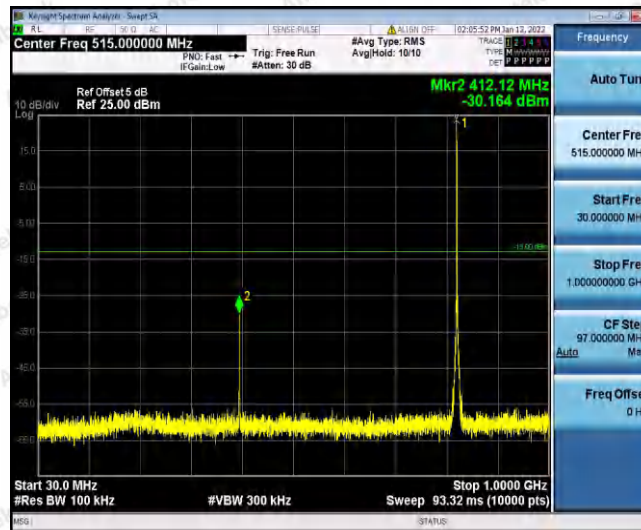
Hotline

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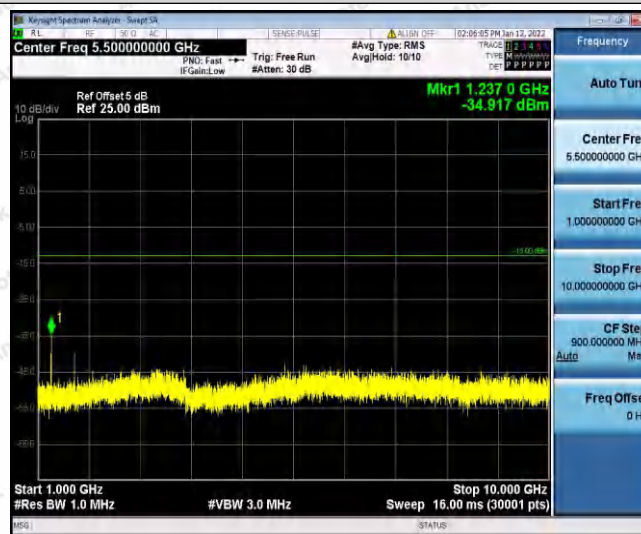
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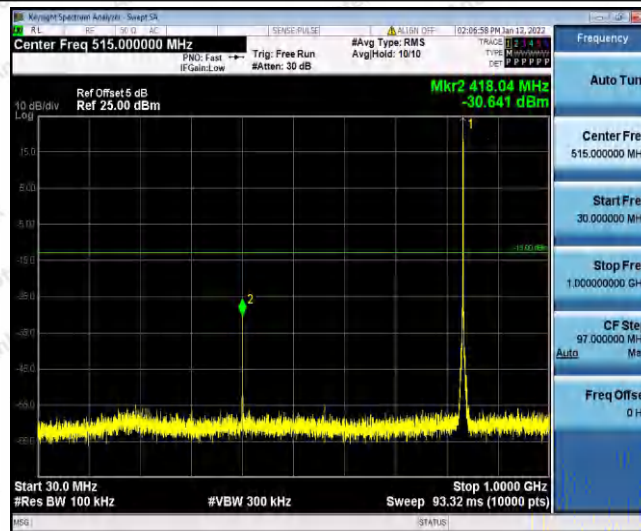
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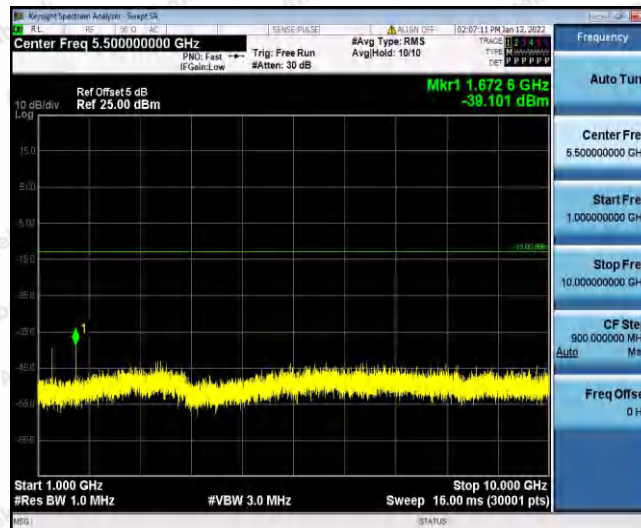
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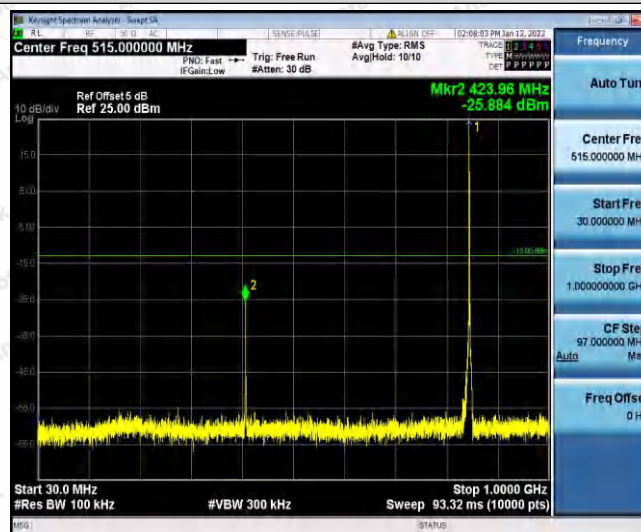
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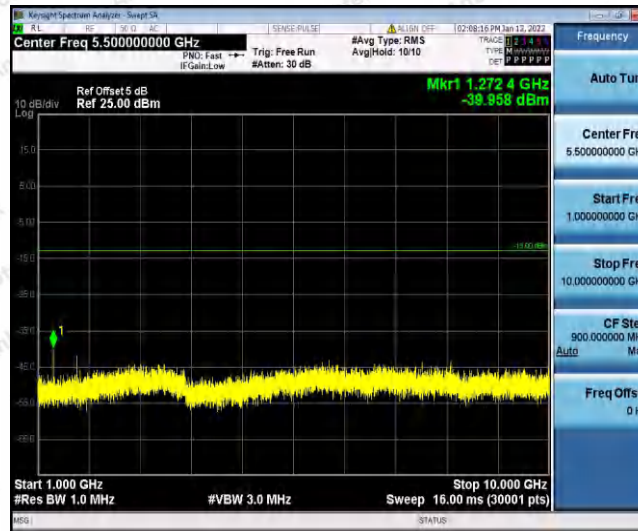
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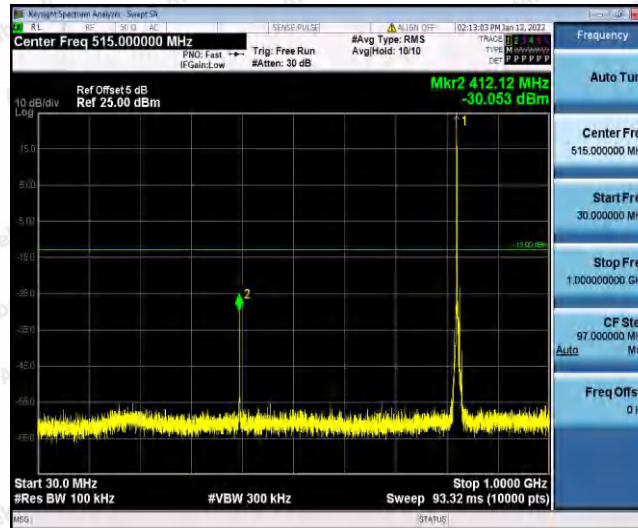
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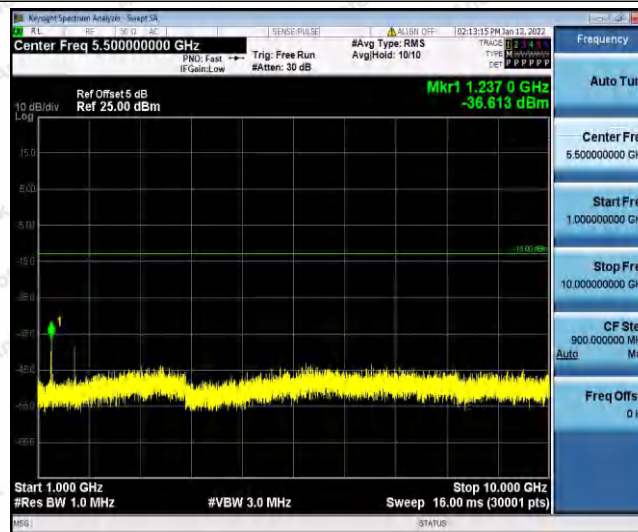
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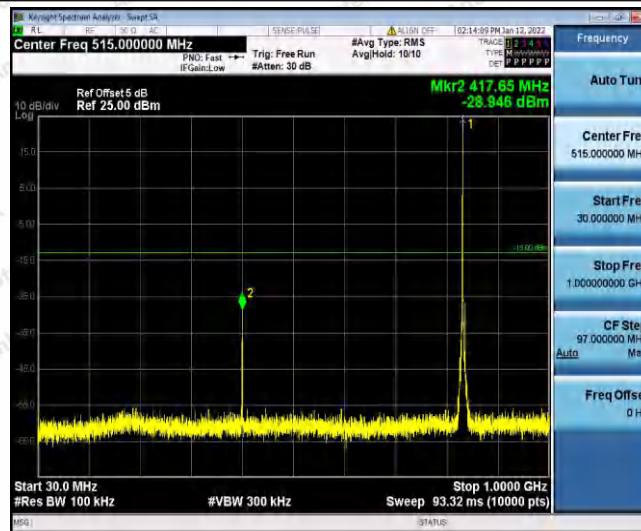
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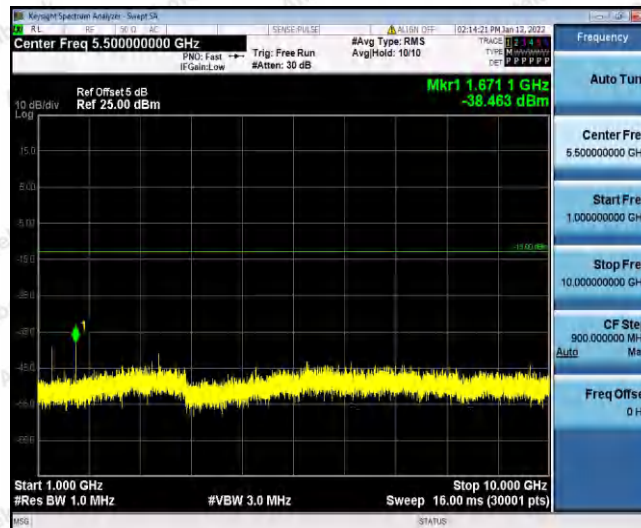
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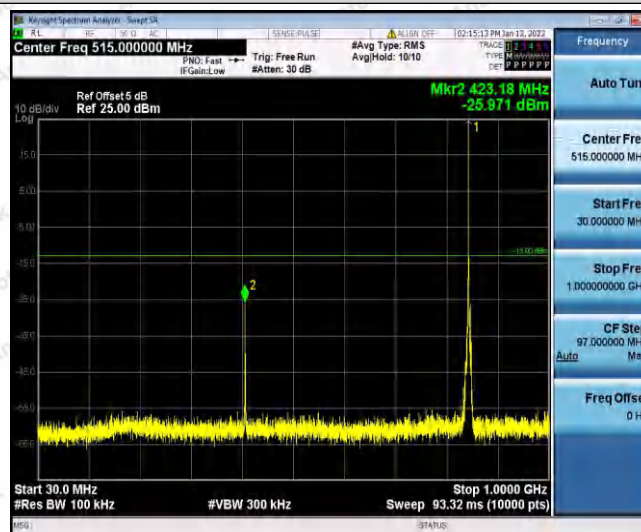
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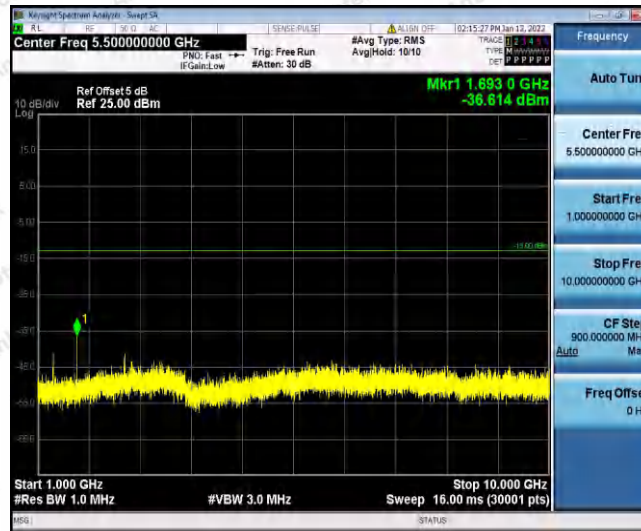
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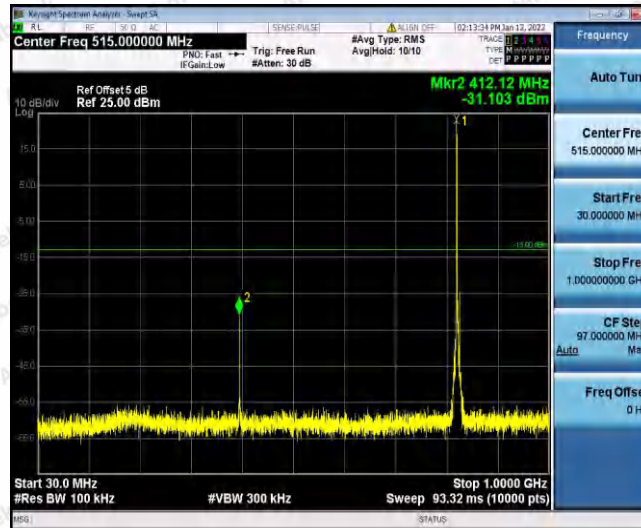
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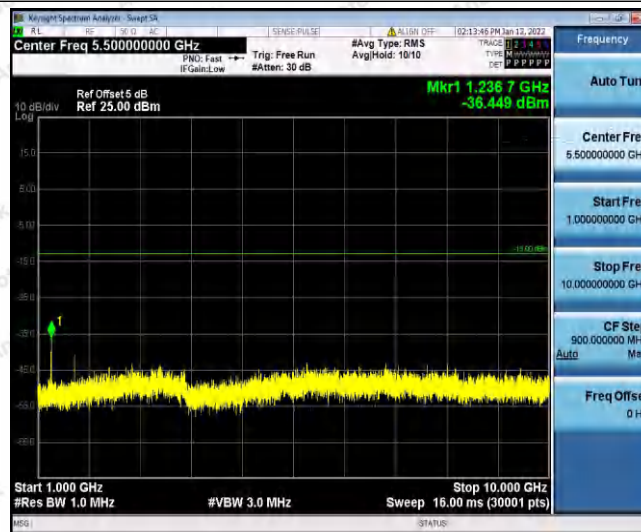
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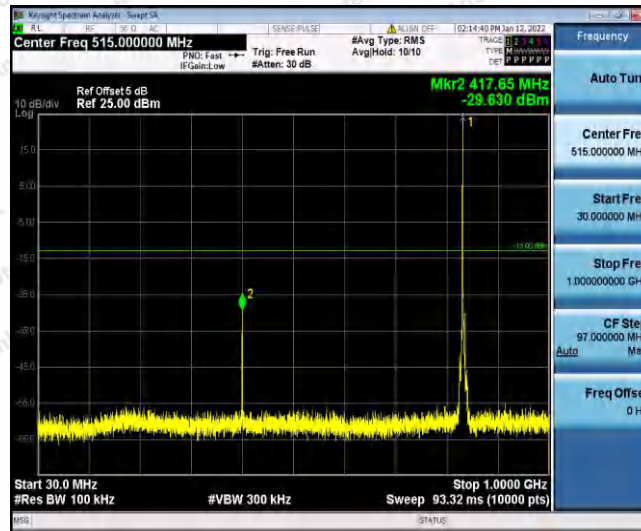
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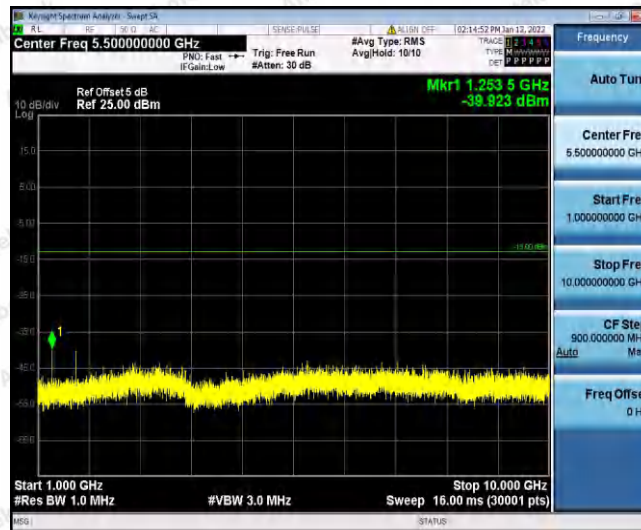
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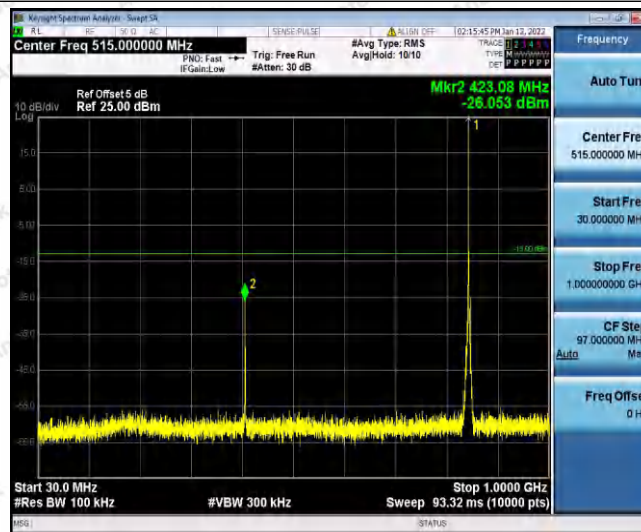
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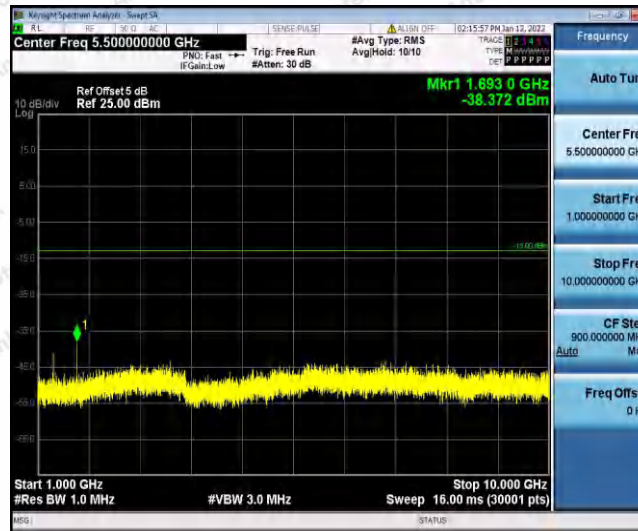
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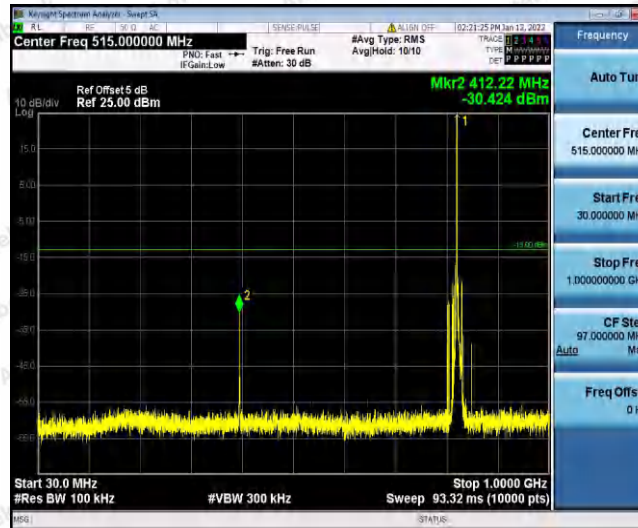
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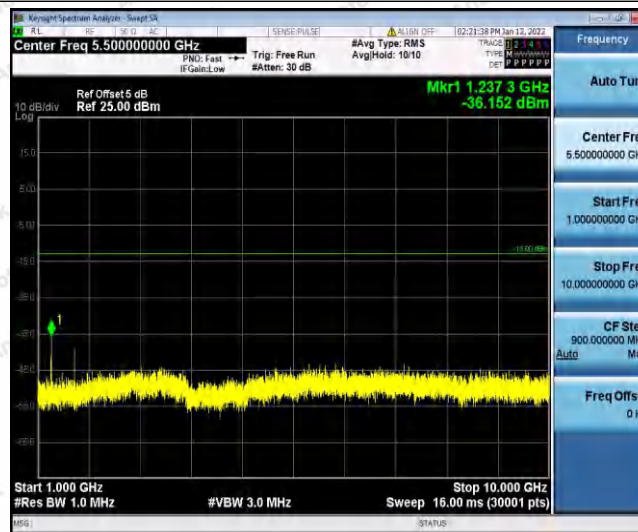
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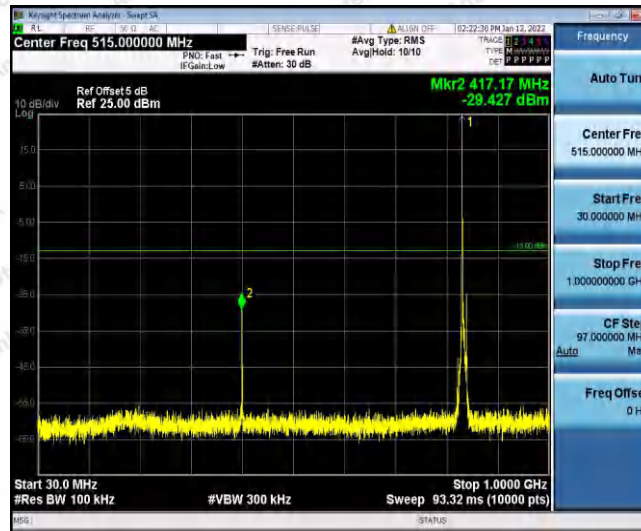
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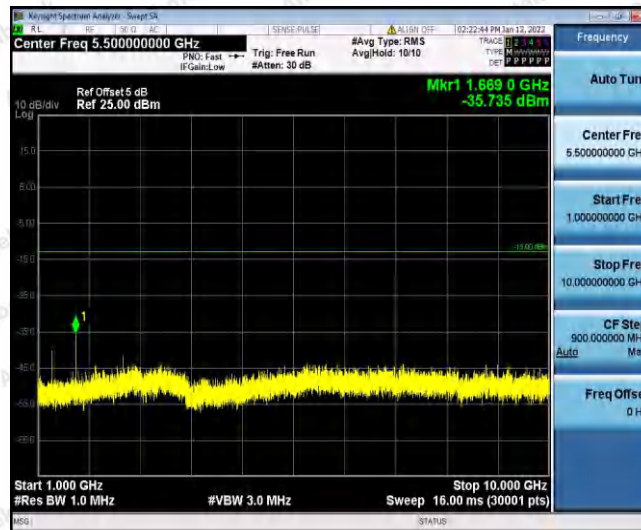
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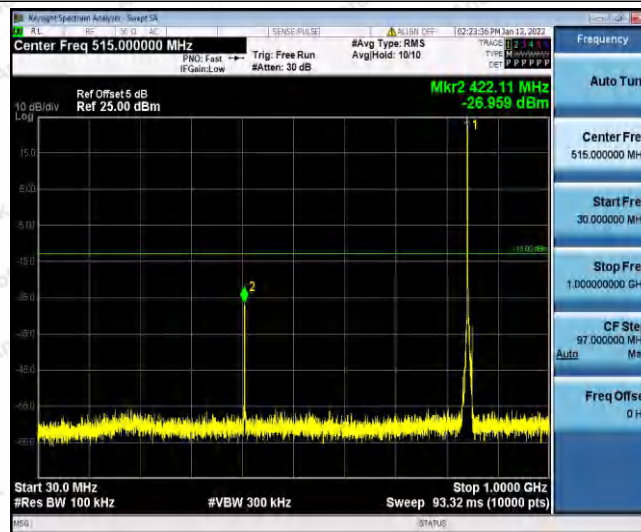
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Band5-5MHz-QPSK-20525-1RB#0-Range2:1000~10000MHz



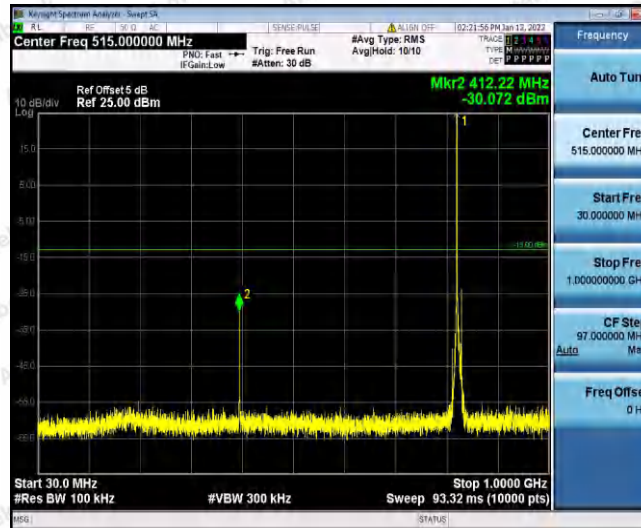
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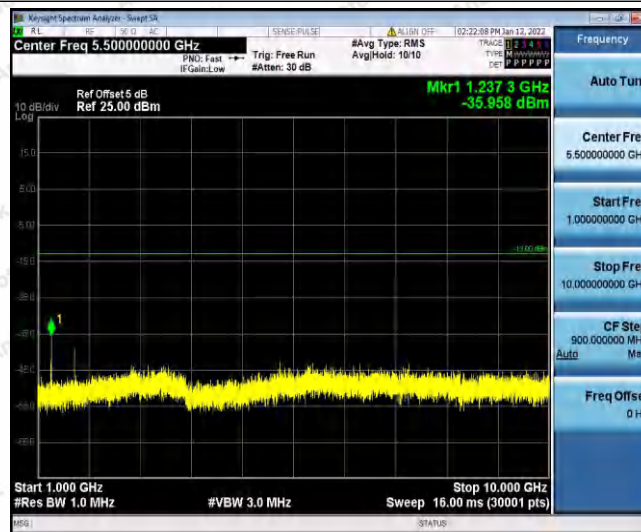
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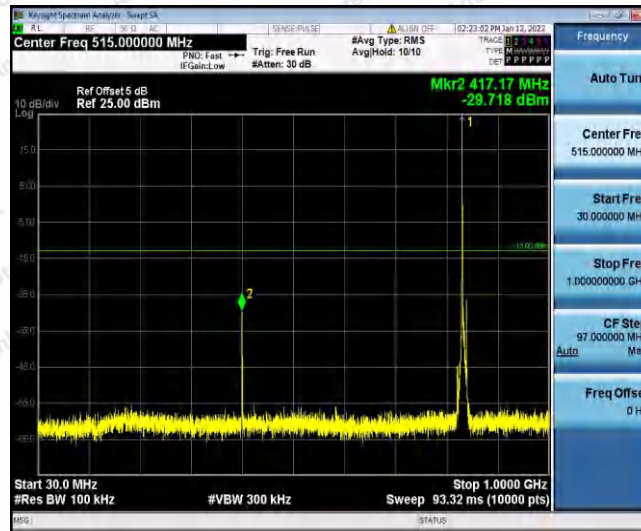
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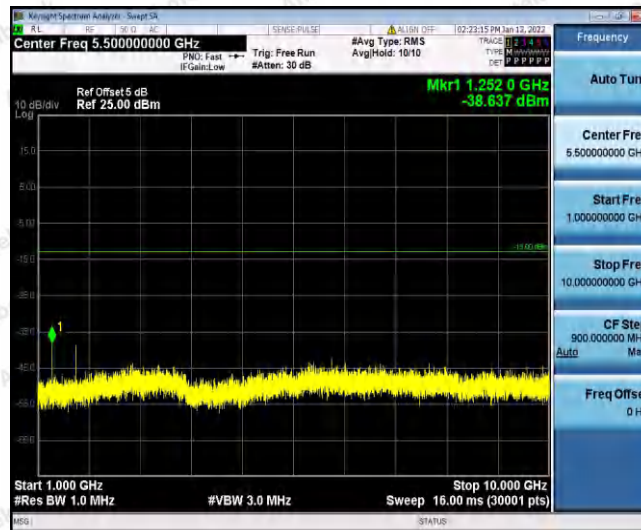
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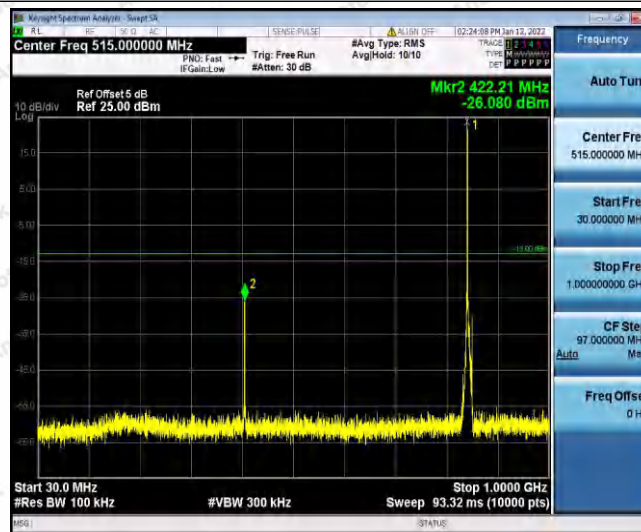
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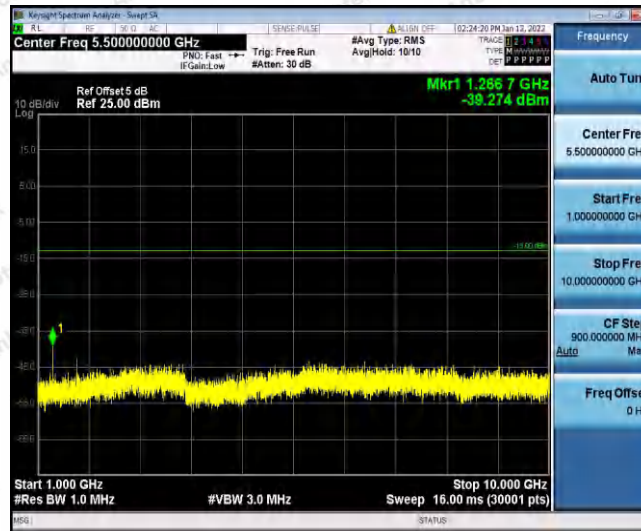
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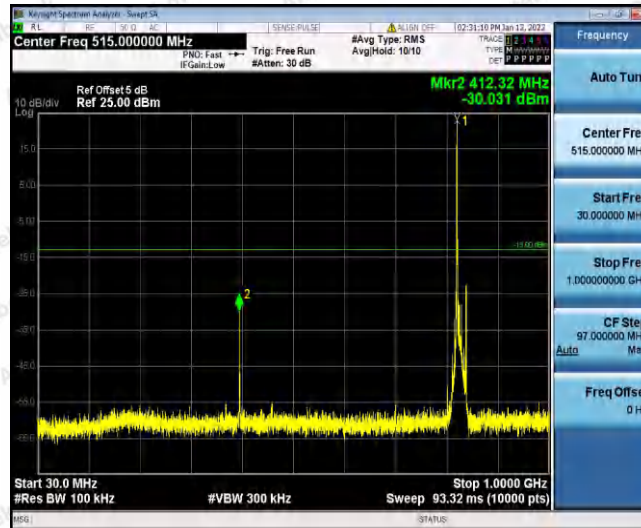
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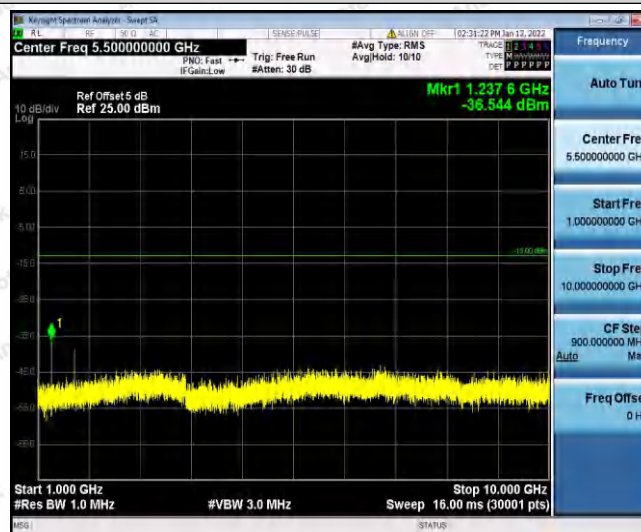
Band5-5MHz-16QAM-20625-1RB#0-Range2:1000~10000MHz



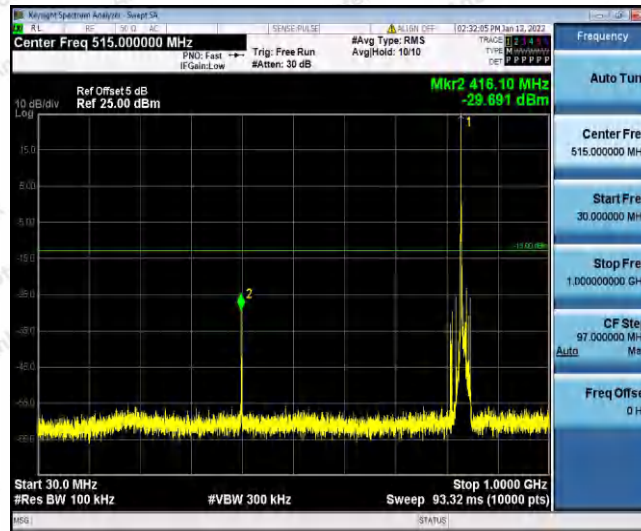
Band5-10MHz-QPSK-20450-1RB#0-Range1:30~1000MHz



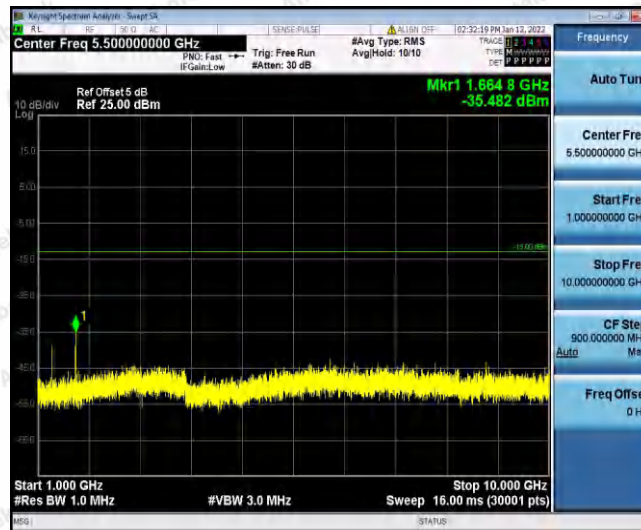
Band5-10MHz-QPSK-20450-1RB#0-Range2:1000~10000MHz



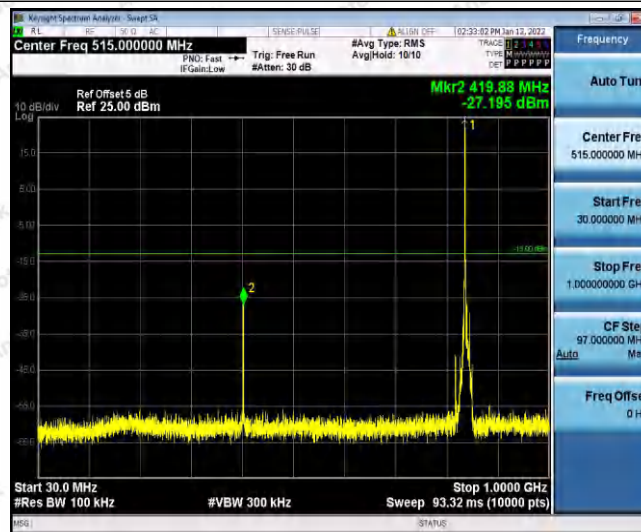
Band5-10MHz-QPSK-20525-1RB#0-Range1:30~1000MHz



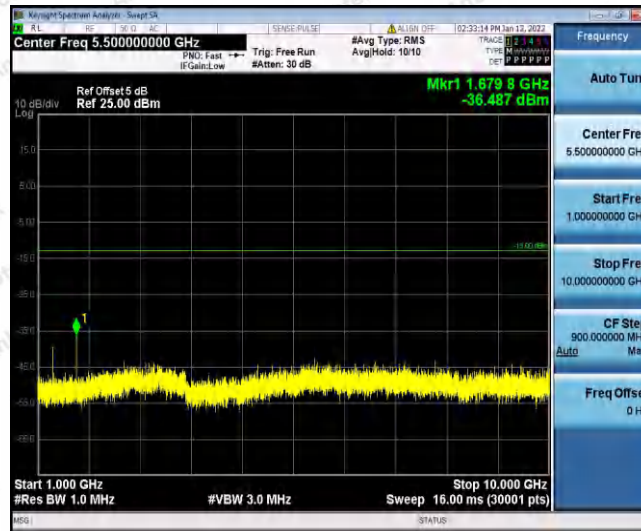
Band5-10MHz-QPSK-20525-1RB#0-Range2:1000~10000MHz



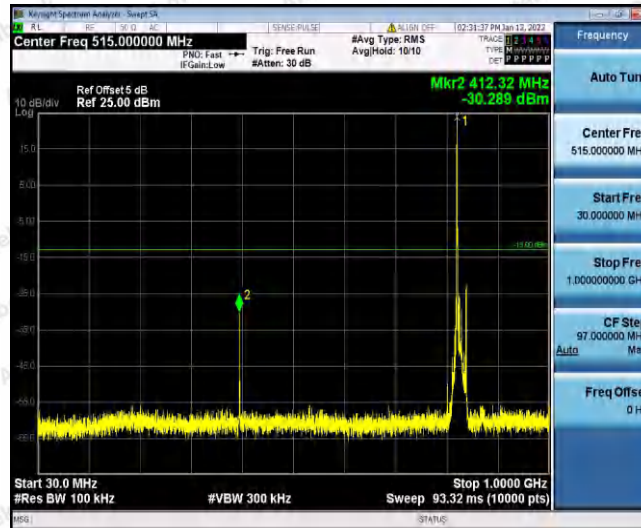
Band5-10MHz-QPSK-20600-1RB#0-Range1:30~1000MHz



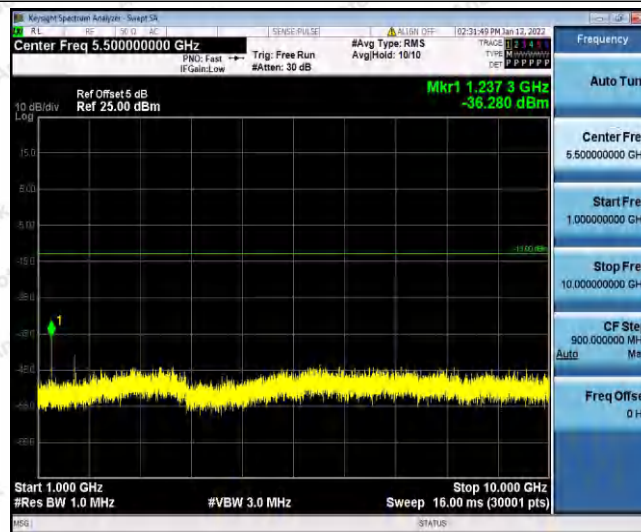
Band5-10MHz-QPSK-20600-1RB#0-Range2:1000~10000MHz



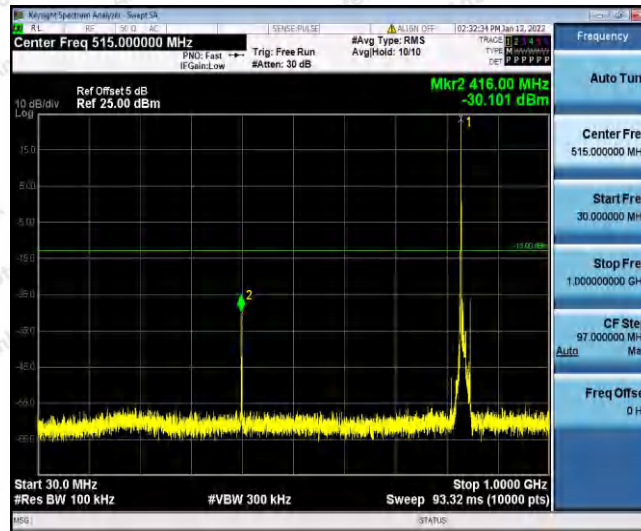
Band5-10MHz-16QAM-20450-1RB#0-Range1:30~1000MHz



Band5-10MHz-16QAM-20450-1RB#0-Range2:1000~10000MHz



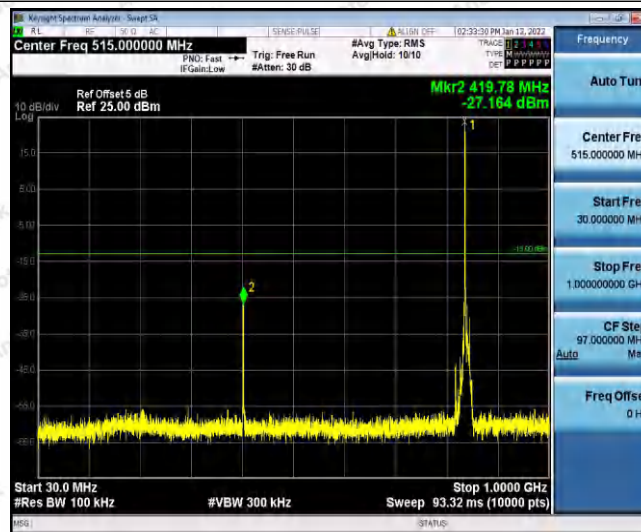
Band5-10MHz-16QAM-20525-1RB#0-Range1:30~1000MHz



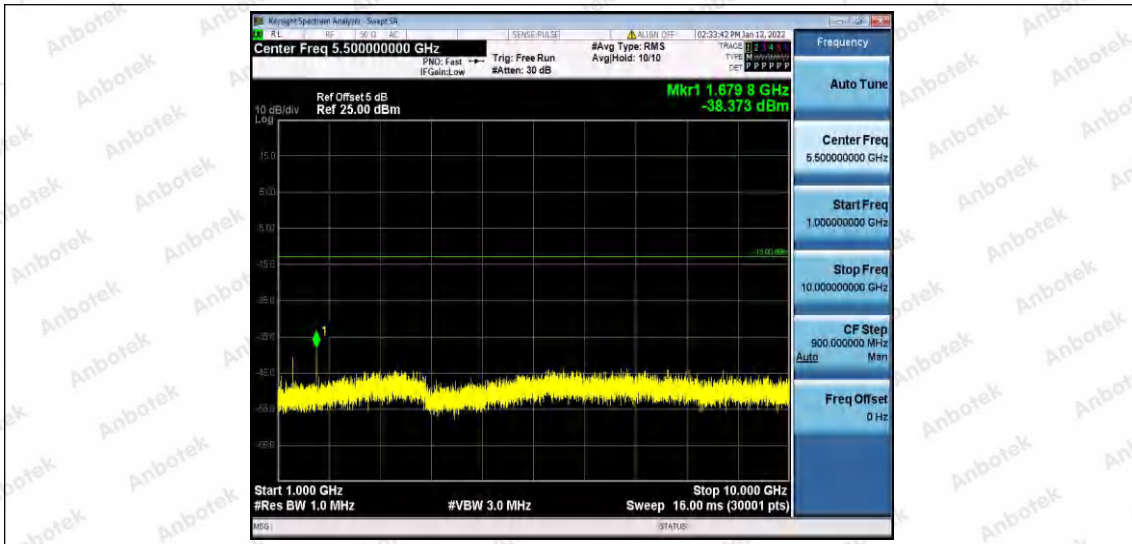
Band5-10MHz-16QAM-20525-1RB#0-Range2:1000~10000MHz



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



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

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## Appendix F: Frequency Stability VS Voltage

### 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              | -18.65         | -0.022614       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | QPSK       | 20407   | 6RB#0        | VN            | NT              | -20.86         | -0.025294       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | QPSK       | 20407   | 6RB#0        | VH            | NT              | -15.81         | -0.019171       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | QPSK       | 20525   | 6RB#0        | VL            | NT              | -7.81          | -0.009337       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | QPSK       | 20525   | 6RB#0        | VN            | NT              | -3.33          | -0.003981       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | QPSK       | 20525   | 6RB#0        | VH            | NT              | -6.07          | -0.007256       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | QPSK       | 20643   | 6RB#0        | VL            | NT              | -9.03          | -0.010645       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | QPSK       | 20643   | 6RB#0        | VN            | NT              | -2.40          | -0.002829       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | QPSK       | 20643   | 6RB#0        | VH            | NT              | -8.05          | -0.009490       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | 16QAM      | 20407   | 6RB#0        | VL            | NT              | -12.69         | -0.015387       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | 16QAM      | 20407   | 6RB#0        | VN            | NT              | -11.07         | -0.013423       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | 16QAM      | 20407   | 6RB#0        | VH            | NT              | -11.89         | -0.014417       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | 16QAM      | 20525   | 6RB#0        | VL            | NT              | -12.23         | -0.014620       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | 16QAM      | 20525   | 6RB#0        | VN            | NT              | 6.61           | 0.007902        | ±2.5        | PASS    |
| Band5   | 1.4MHz    | 16QAM      | 20525   | 6RB#0        | VH            | NT              | -7.54          | -0.009014       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | 16QAM      | 20643   | 6RB#0        | VL            | NT              | -7.60          | -0.008959       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | 16QAM      | 20643   | 6RB#0        | VN            | NT              | -4.82          | -0.005682       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | 16QAM      | 20643   | 6RB#0        | VH            | NT              | -4.61          | -0.005434       | ±2.5        | PASS    |
| Band5   | 3MHz      | QPSK       | 20415   | 15RB#0       | VL            | NT              | -3.78          | -0.004579       | ±2.5        | PASS    |
| Band5   | 3MHz      | QPSK       | 20415   | 15RB#0       | VN            | NT              | 3.38           | 0.004094        | ±2.5        | PASS    |
| Band5   | 3MHz      | QPSK       | 20415   | 15RB#0       | VH            | NT              | -2.35          | -0.002847       | ±2.5        | PASS    |
| Band5   | 3MHz      | QPSK       | 20525   | 15RB#0       | VL            | NT              | -4.22          | -0.005045       | ±2.5        | PASS    |
| Band5   | 3MHz      | QPSK       | 20525   | 15RB#0       | VN            | NT              | -2.93          | -0.003503       | ±2.5        | PASS    |
| Band5   | 3MHz      | QPSK       | 20525   | 15RB#0       | VH            | NT              | -3.65          | -0.004363       | ±2.5        | PASS    |
| Band5   | 3MHz      | QPSK       | 20635   | 15RB#0       | VL            | NT              | -3.20          | -0.003776       | ±2.5        | PASS    |
| Band5   | 3MHz      | QPSK       | 20635   | 15RB#0       | VN            | NT              | -3.86          | -0.004555       | ±2.5        | PASS    |
| Band5   | 3MHz      | QPSK       | 20635   | 15RB#0       | VH            | NT              | -6.47          | -0.007634       | ±2.5        | PASS    |
| Band5   | 3MHz      | 16QAM      | 20415   | 15RB#0       | VL            | NT              | -2.70          | -0.003271       | ±2.5        | PASS    |
| Band5   | 3MHz      | 16QAM      | 20415   | 15RB#0       | VN            | NT              | -2.47          | -0.002992       | ±2.5        | PASS    |
| Band5   | 3MHz      | 16QAM      | 20415   | 15RB#0       | VH            | NT              | -2.52          | -0.003053       | ±2.5        | PASS    |
| Band5   | 3MHz      | 16QAM      | 20525   | 15RB#0       | VL            | NT              | -1.72          | -0.002056       | ±2.5        | PASS    |
| Band5   | 3MHz      | 16QAM      | 20525   | 15RB#0       | VN            | NT              | -1.77          | -0.002116       | ±2.5        | PASS    |
| Band5   | 3MHz      | 16QAM      | 20525   | 15RB#0       | VH            | NT              | -2.83          | -0.003383       | ±2.5        | PASS    |

|       |       |       |       |        |    |    |        |           |      |      |
|-------|-------|-------|-------|--------|----|----|--------|-----------|------|------|
| Band5 | 3MHz  | 16QAM | 20635 | 15RB#0 | VL | NT | -3.72  | -0.004389 | ±2.5 | PASS |
| Band5 | 3MHz  | 16QAM | 20635 | 15RB#0 | VN | NT | -4.41  | -0.005204 | ±2.5 | PASS |
| Band5 | 3MHz  | 16QAM | 20635 | 15RB#0 | VH | NT | -4.76  | -0.005617 | ±2.5 | PASS |
| Band5 | 5MHz  | QPSK  | 20425 | 25RB#0 | VL | NT | -5.81  | -0.007030 | ±2.5 | PASS |
| Band5 | 5MHz  | QPSK  | 20425 | 25RB#0 | VN | NT | -8.41  | -0.010175 | ±2.5 | PASS |
| Band5 | 5MHz  | QPSK  | 20425 | 25RB#0 | VH | NT | -9.53  | -0.011531 | ±2.5 | PASS |
| Band5 | 5MHz  | QPSK  | 20525 | 25RB#0 | VL | NT | -8.15  | -0.009743 | ±2.5 | PASS |
| Band5 | 5MHz  | QPSK  | 20525 | 25RB#0 | VN | NT | -5.51  | -0.006587 | ±2.5 | PASS |
| Band5 | 5MHz  | QPSK  | 20525 | 25RB#0 | VH | NT | -1.22  | -0.001458 | ±2.5 | PASS |
| Band5 | 5MHz  | QPSK  | 20625 | 25RB#0 | VL | NT | -11.04 | -0.013042 | ±2.5 | PASS |
| Band5 | 5MHz  | QPSK  | 20625 | 25RB#0 | VN | NT | -10.21 | -0.012061 | ±2.5 | PASS |
| Band5 | 5MHz  | QPSK  | 20625 | 25RB#0 | VH | NT | -10.37 | -0.012250 | ±2.5 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 25RB#0 | VL | NT | -11.36 | -0.013745 | ±2.5 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 25RB#0 | VN | NT | -8.58  | -0.010381 | ±2.5 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 25RB#0 | VH | NT | -13.70 | -0.016576 | ±2.5 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 25RB#0 | VL | NT | -4.52  | -0.005403 | ±2.5 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 25RB#0 | VN | NT | -12.27 | -0.014668 | ±2.5 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 25RB#0 | VH | NT | -9.38  | -0.011213 | ±2.5 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 25RB#0 | VL | NT | -11.72 | -0.013845 | ±2.5 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 25RB#0 | VN | NT | -12.42 | -0.014672 | ±2.5 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 25RB#0 | VH | NT | -11.12 | -0.013136 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 50RB#0 | VL | NT | -12.04 | -0.014524 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 50RB#0 | VN | NT | -11.54 | -0.013920 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 50RB#0 | VH | NT | -13.45 | -0.016224 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 50RB#0 | VL | NT | -10.06 | -0.012026 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 50RB#0 | VN | NT | 3.52   | 0.004208  | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 50RB#0 | VH | NT | -7.72  | -0.009229 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 50RB#0 | VL | NT | -3.76  | -0.004455 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 50RB#0 | VN | NT | -11.72 | -0.013886 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 50RB#0 | VH | NT | -10.63 | -0.012595 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | VL | NT | -5.41  | -0.006526 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | VN | NT | -9.67  | -0.011665 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | VH | NT | -13.15 | -0.015862 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | VL | NT | -9.80  | -0.011715 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | VN | NT | -4.26  | -0.005093 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | VH | NT | -8.37  | -0.010006 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | VL | NT | -14.32 | -0.016967 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | VN | NT | -8.04  | -0.009526 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | VH | NT | -12.35 | -0.014633 | ±2.5 | PASS |

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## Appendix G: Frequency stability VS Temperature

### Test Result

| 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              | -16.42         | -0.019910       | ±2.5        | PASS    |
| Band5       | 1.4MHz    | QPSK       | 20407   | 6RB#0        | NV            | -20              | 7.94           | 0.009628        | ±2.5        | PASS    |
| Band5       | 1.4MHz    | QPSK       | 20407   | 6RB#0        | NV            | 0                | -11.39         | -0.013811       | ±2.5        | PASS    |
| Band5       | 1.4MHz    | QPSK       | 20407   | 6RB#0        | NV            | 10               | -14.15         | -0.017158       | ±2.5        | PASS    |
| Band5       | 1.4MHz    | QPSK       | 20407   | 6RB#0        | NV            | 20               | -10.44         | -0.012659       | ±2.5        | PASS    |
| Band5       | 1.4MHz    | QPSK       | 20525   | 6RB#0        | NV            | -30              | -7.97          | -0.009528       | ±2.5        | PASS    |
| Band5       | 1.4MHz    | QPSK       | 20525   | 6RB#0        | NV            | -20              | 10.44          | 0.012481        | ±2.5        | PASS    |
| Band5       | 1.4MHz    | QPSK       | 20525   | 6RB#0        | NV            | 0                | -6.57          | -0.007854       | ±2.5        | PASS    |
| Band5       | 1.4MHz    | QPSK       | 20525   | 6RB#0        | NV            | 10               | -8.10          | -0.009683       | ±2.5        | PASS    |
| Band5       | 1.4MHz    | QPSK       | 20525   | 6RB#0        | NV            | 20               | -8.78          | -0.010496       | ±2.5        | PASS    |
| Band5       | 1.4MHz    | QPSK       | 20643   | 6RB#0        | NV            | -30              | -8.83          | -0.010409       | ±2.5        | PASS    |
| Band5       | 1.4MHz    | QPSK       | 20643   | 6RB#0        | NV            | -20              | -9.58          | -0.011293       | ±2.5        | PASS    |
| Band5       | 1.4MHz    | QPSK       | 20643   | 6RB#0        | NV            | 0                | -11.90         | -0.014028       | ±2.5        | PASS    |
| Band5       | 1.4MHz    | QPSK       | 20643   | 6RB#0        | NV            | 10               | -8.70          | -0.010256       | ±2.5        | PASS    |
| Band5       | 1.4MHz    | QPSK       | 20643   | 6RB#0        | NV            | 20               | -6.55          | -0.007721       | ±2.5        | PASS    |
| Band5       | 1.4MHz    | 16QAM      | 20407   | 6RB#0        | NV            | -30              | -7.60          | -0.009215       | ±2.5        | PASS    |
| Band5       | 1.4MHz    | 16QAM      | 20407   | 6RB#0        | NV            | -20              | -10.89         | -0.013205       | ±2.5        | PASS    |
| Band5       | 1.4MHz    | 16QAM      | 20407   | 6RB#0        | NV            | 0                | -8.15          | -0.009882       | ±2.5        | PASS    |
| Band5       | 1.4MHz    | 16QAM      | 20407   | 6RB#0        | NV            | 10               | -10.23         | -0.012405       | ±2.5        | PASS    |
| Band5       | 1.4MHz    | 16QAM      | 20407   | 6RB#0        | NV            | 20               | -8.43          | -0.010222       | ±2.5        | PASS    |
| Band5       | 1.4MHz    | 16QAM      | 20525   | 6RB#0        | NV            | -30              | -7.78          | -0.009301       | ±2.5        | PASS    |
| Band5       | 1.4MHz    | 16QAM      | 20525   | 6RB#0        | NV            | -20              | -11.47         | -0.013712       | ±2.5        | PASS    |
| Band5       | 1.4MHz    | 16QAM      | 20525   | 6RB#0        | NV            | 0                | -4.13          | -0.004937       | ±2.5        | PASS    |
| Band5       | 1.4MHz    | 16QAM      | 20525   | 6RB#0        | NV            | 10               | -7.35          | -0.008787       | ±2.5        | PASS    |
| Band5       | 1.4MHz    | 16QAM      | 20525   | 6RB#0        | NV            | 20               | -7.58          | -0.009062       | ±2.5        | PASS    |
| Band5       | 1.4MHz    | 16QAM      | 20643   | 6RB#0        | NV            | -30              | -3.10          | -0.003654       | ±2.5        | PASS    |
| Band5       | 1.4MHz    | 16QAM      | 20643   | 6RB#0        | NV            | -20              | -7.35          | -0.008664       | ±2.5        | PASS    |
| Band5       | 1.4MHz    | 16QAM      | 20643   | 6RB#0        | NV            | 0                | -5.16          | -0.006083       | ±2.5        | PASS    |
| Band5       | 1.4MHz    | 16QAM      | 20643   | 6RB#0        | NV            | 10               | -2.30          | -0.002711       | ±2.5        | PASS    |
| Band5       | 1.4MHz    | 16QAM      | 20643   | 6RB#0        | NV            | 20               | -10.96         | -0.012920       | ±2.5        | PASS    |
| Band5       | 3MHz      | QPSK       | 20415   | 15RB#0       | NV            | -30              | -2.92          | -0.003537       | ±2.5        | PASS    |
| Band5       | 3MHz      | QPSK       | 20415   | 15RB#0       | NV            | -20              | -2.70          | -0.003271       | ±2.5        | PASS    |
| Band5       | 3MHz      | QPSK       | 20415   | 15RB#0       | NV            | 0                | -3.75          | -0.004543       | ±2.5        | PASS    |

|       |      |       |       |        |    |     |        |           |      |      |
|-------|------|-------|-------|--------|----|-----|--------|-----------|------|------|
| Band5 | 3MHz | QPSK  | 20415 | 15RB#0 | NV | 10  | -2.35  | -0.002847 | ±2.5 | PASS |
| Band5 | 3MHz | QPSK  | 20415 | 15RB#0 | NV | 20  | -2.40  | -0.002907 | ±2.5 | PASS |
| Band5 | 3MHz | QPSK  | 20525 | 15RB#0 | NV | -30 | -3.32  | -0.003969 | ±2.5 | PASS |
| Band5 | 3MHz | QPSK  | 20525 | 15RB#0 | NV | -20 | -1.76  | -0.002104 | ±2.5 | PASS |
| Band5 | 3MHz | QPSK  | 20525 | 15RB#0 | NV | 0   | -3.71  | -0.004435 | ±2.5 | PASS |
| Band5 | 3MHz | QPSK  | 20525 | 15RB#0 | NV | 10  | -3.40  | -0.004065 | ±2.5 | PASS |
| Band5 | 3MHz | QPSK  | 20525 | 15RB#0 | NV | 20  | -4.58  | -0.005475 | ±2.5 | PASS |
| Band5 | 3MHz | QPSK  | 20635 | 15RB#0 | NV | -30 | -3.76  | -0.004437 | ±2.5 | PASS |
| Band5 | 3MHz | QPSK  | 20635 | 15RB#0 | NV | -20 | -3.86  | -0.004555 | ±2.5 | PASS |
| Band5 | 3MHz | QPSK  | 20635 | 15RB#0 | NV | 0   | -5.79  | -0.006832 | ±2.5 | PASS |
| Band5 | 3MHz | QPSK  | 20635 | 15RB#0 | NV | 10  | -3.48  | -0.004106 | ±2.5 | PASS |
| Band5 | 3MHz | QPSK  | 20635 | 15RB#0 | NV | 20  | -4.36  | -0.005145 | ±2.5 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 15RB#0 | NV | -30 | -2.22  | -0.002689 | ±2.5 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 15RB#0 | NV | -20 | -2.05  | -0.002483 | ±2.5 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 15RB#0 | NV | 0   | -5.25  | -0.006360 | ±2.5 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 15RB#0 | NV | 10  | -2.15  | -0.002604 | ±2.5 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 15RB#0 | NV | 20  | -3.13  | -0.003792 | ±2.5 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 15RB#0 | NV | -30 | -3.76  | -0.004495 | ±2.5 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 15RB#0 | NV | -20 | -3.02  | -0.003610 | ±2.5 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 15RB#0 | NV | 0   | -3.66  | -0.004375 | ±2.5 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 15RB#0 | NV | 10  | -3.46  | -0.004136 | ±2.5 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 15RB#0 | NV | 20  | -2.53  | -0.003025 | ±2.5 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 15RB#0 | NV | -30 | -3.25  | -0.003835 | ±2.5 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 15RB#0 | NV | -20 | -5.75  | -0.006785 | ±2.5 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 15RB#0 | NV | 0   | -3.98  | -0.004696 | ±2.5 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 15RB#0 | NV | 10  | -4.11  | -0.004850 | ±2.5 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 15RB#0 | NV | 20  | -3.42  | -0.004035 | ±2.5 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 25RB#0 | NV | -30 | -12.25 | -0.014822 | ±2.5 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 25RB#0 | NV | -20 | -11.60 | -0.014035 | ±2.5 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 25RB#0 | NV | 0   | -4.02  | -0.004864 | ±2.5 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 25RB#0 | NV | 10  | -4.86  | -0.005880 | ±2.5 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 25RB#0 | NV | 20  | -7.74  | -0.009365 | ±2.5 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 25RB#0 | NV | -30 | -10.04 | -0.012002 | ±2.5 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 25RB#0 | NV | -20 | -5.82  | -0.006958 | ±2.5 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 25RB#0 | NV | 0   | -5.16  | -0.006169 | ±2.5 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 25RB#0 | NV | 10  | -5.65  | -0.006754 | ±2.5 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 25RB#0 | NV | 20  | -6.77  | -0.008093 | ±2.5 | PASS |
| Band5 | 5MHz | QPSK  | 20625 | 25RB#0 | NV | -30 | -12.40 | -0.014649 | ±2.5 | PASS |
| Band5 | 5MHz | QPSK  | 20625 | 25RB#0 | NV | -20 | -6.64  | -0.007844 | ±2.5 | PASS |
| Band5 | 5MHz | QPSK  | 20625 | 25RB#0 | NV | 0   | -12.04 | -0.014223 | ±2.5 | PASS |

|       |       |       |       |        |    |     |        |           |      |      |
|-------|-------|-------|-------|--------|----|-----|--------|-----------|------|------|
| Band5 | 5MHz  | QPSK  | 20625 | 25RB#0 | NV | 10  | -8.50  | -0.010041 | ±2.5 | PASS |
| Band5 | 5MHz  | QPSK  | 20625 | 25RB#0 | NV | 20  | -5.36  | -0.006332 | ±2.5 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 25RB#0 | NV | -30 | -5.71  | -0.006909 | ±2.5 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 25RB#0 | NV | -20 | -4.22  | -0.005106 | ±2.5 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 25RB#0 | NV | 0   | -4.56  | -0.005517 | ±2.5 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 25RB#0 | NV | 10  | -8.08  | -0.009776 | ±2.5 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 25RB#0 | NV | 20  | -8.64  | -0.010454 | ±2.5 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 25RB#0 | NV | -30 | -10.60 | -0.012672 | ±2.5 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 25RB#0 | NV | -20 | -12.66 | -0.015134 | ±2.5 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 25RB#0 | NV | 0   | -7.51  | -0.008978 | ±2.5 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 25RB#0 | NV | 10  | -10.69 | -0.012779 | ±2.5 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 25RB#0 | NV | 20  | -11.80 | -0.014106 | ±2.5 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 25RB#0 | NV | -30 | -12.69 | -0.014991 | ±2.5 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 25RB#0 | NV | -20 | -8.63  | -0.010195 | ±2.5 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 25RB#0 | NV | 0   | -10.54 | -0.012451 | ±2.5 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 25RB#0 | NV | 10  | -19.54 | -0.023083 | ±2.5 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 25RB#0 | NV | 20  | -14.39 | -0.016999 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 50RB#0 | NV | -30 | -13.68 | -0.016502 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 50RB#0 | NV | -20 | -9.17  | -0.011062 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 50RB#0 | NV | 0   | -11.09 | -0.013378 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 50RB#0 | NV | 10  | -9.23  | -0.011134 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 50RB#0 | NV | 20  | -8.04  | -0.009698 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 50RB#0 | NV | -30 | -12.56 | -0.015015 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 50RB#0 | NV | -20 | -10.89 | -0.013019 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 50RB#0 | NV | 0   | -3.55  | -0.004244 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 50RB#0 | NV | 10  | -9.98  | -0.011931 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 50RB#0 | NV | 20  | -13.62 | -0.016282 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 50RB#0 | NV | -30 | -7.93  | -0.009396 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 50RB#0 | NV | -20 | -14.41 | -0.017073 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 50RB#0 | NV | 0   | -6.75  | -0.007998 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 50RB#0 | NV | 10  | -12.89 | -0.015273 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 50RB#0 | NV | 20  | -12.33 | -0.014609 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | -30 | -14.82 | -0.017877 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | -20 | -10.63 | -0.012823 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | 0   | -10.24 | -0.012352 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | 10  | -5.45  | -0.006574 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | 20  | -9.30  | -0.011218 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | -30 | -8.23  | -0.009839 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | -20 | -9.64  | -0.011524 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | 0   | -7.98  | -0.009540 | ±2.5 | PASS |

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|       |       |       |       |        |    |     |        |           |      |      |
|-------|-------|-------|-------|--------|----|-----|--------|-----------|------|------|
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | 10  | -8.14  | -0.009731 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | 20  | -8.64  | -0.010329 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | -30 | -8.01  | -0.009491 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | -20 | -11.10 | -0.013152 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | 0   | -9.20  | -0.010900 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | 10  | -11.42 | -0.013531 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | 20  | -13.93 | -0.016505 | ±2.5 | PASS |

---End---

