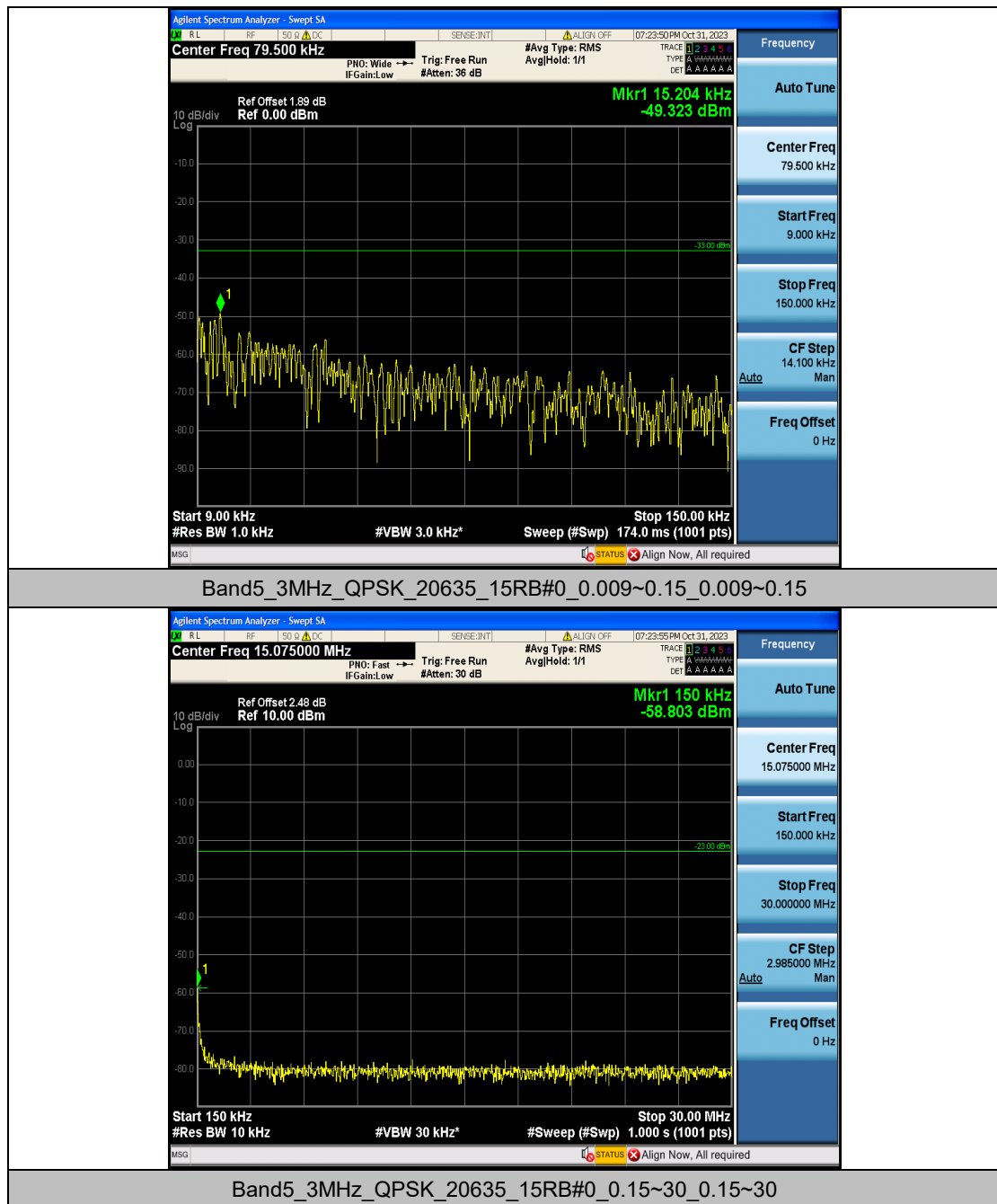
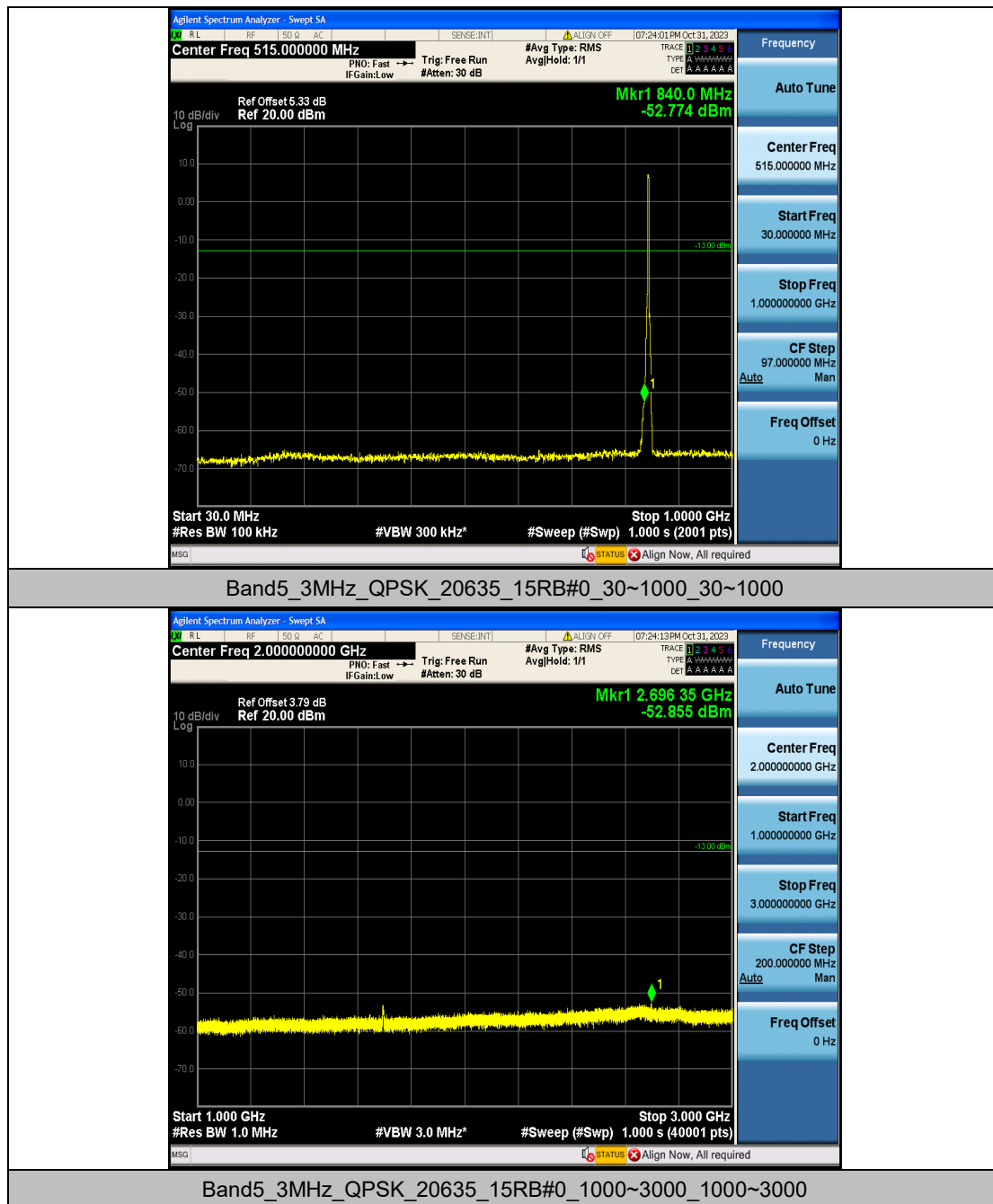
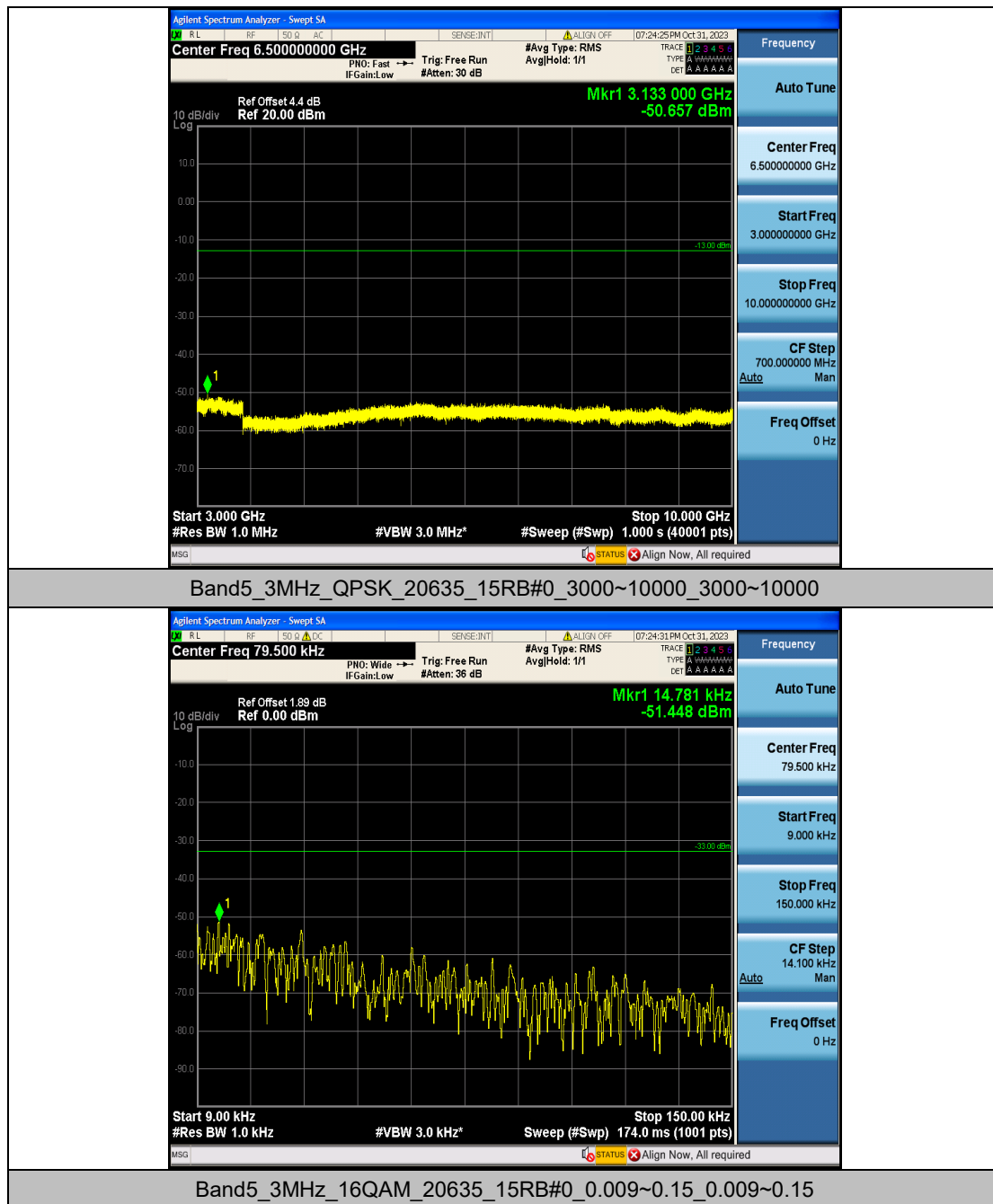
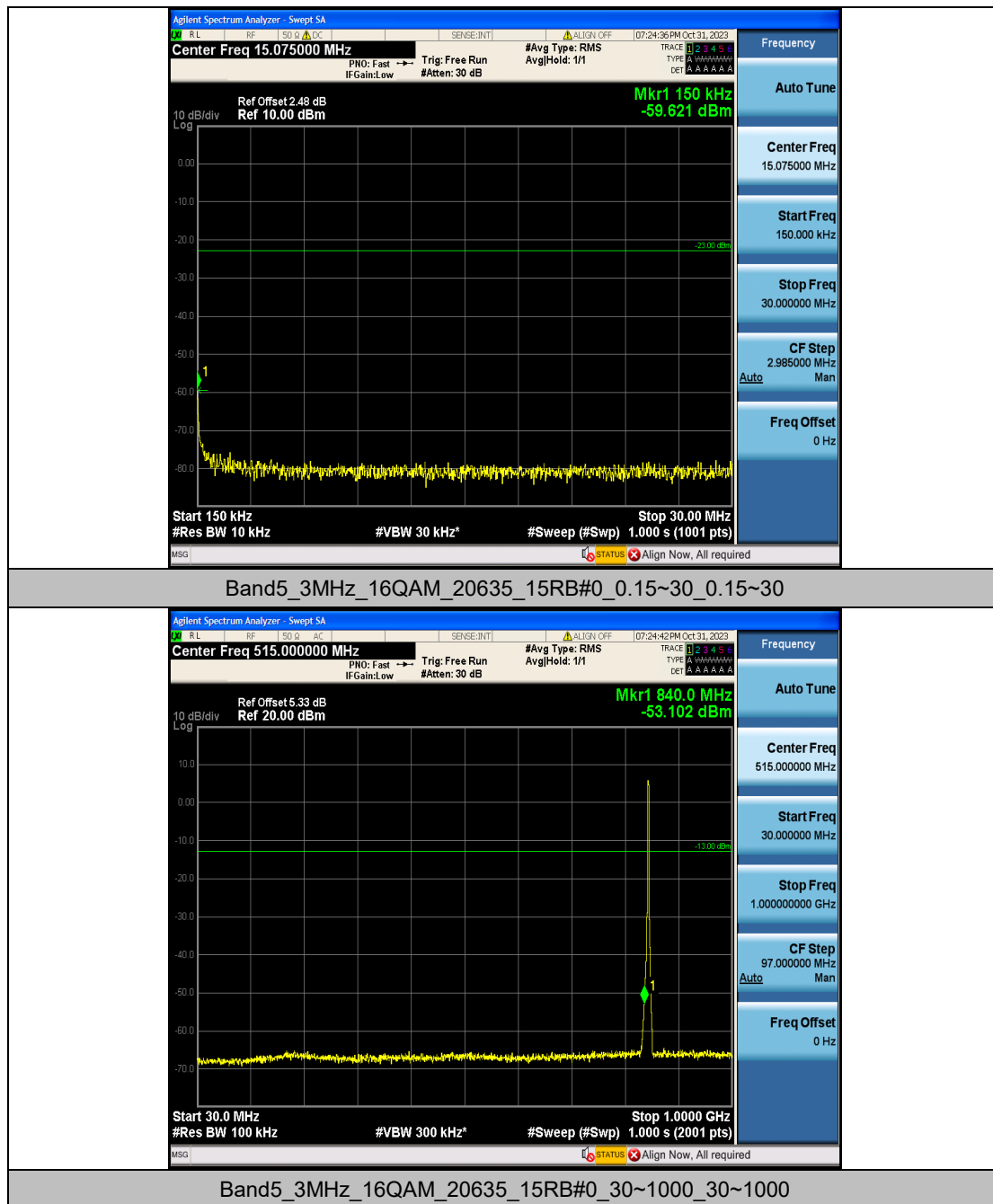
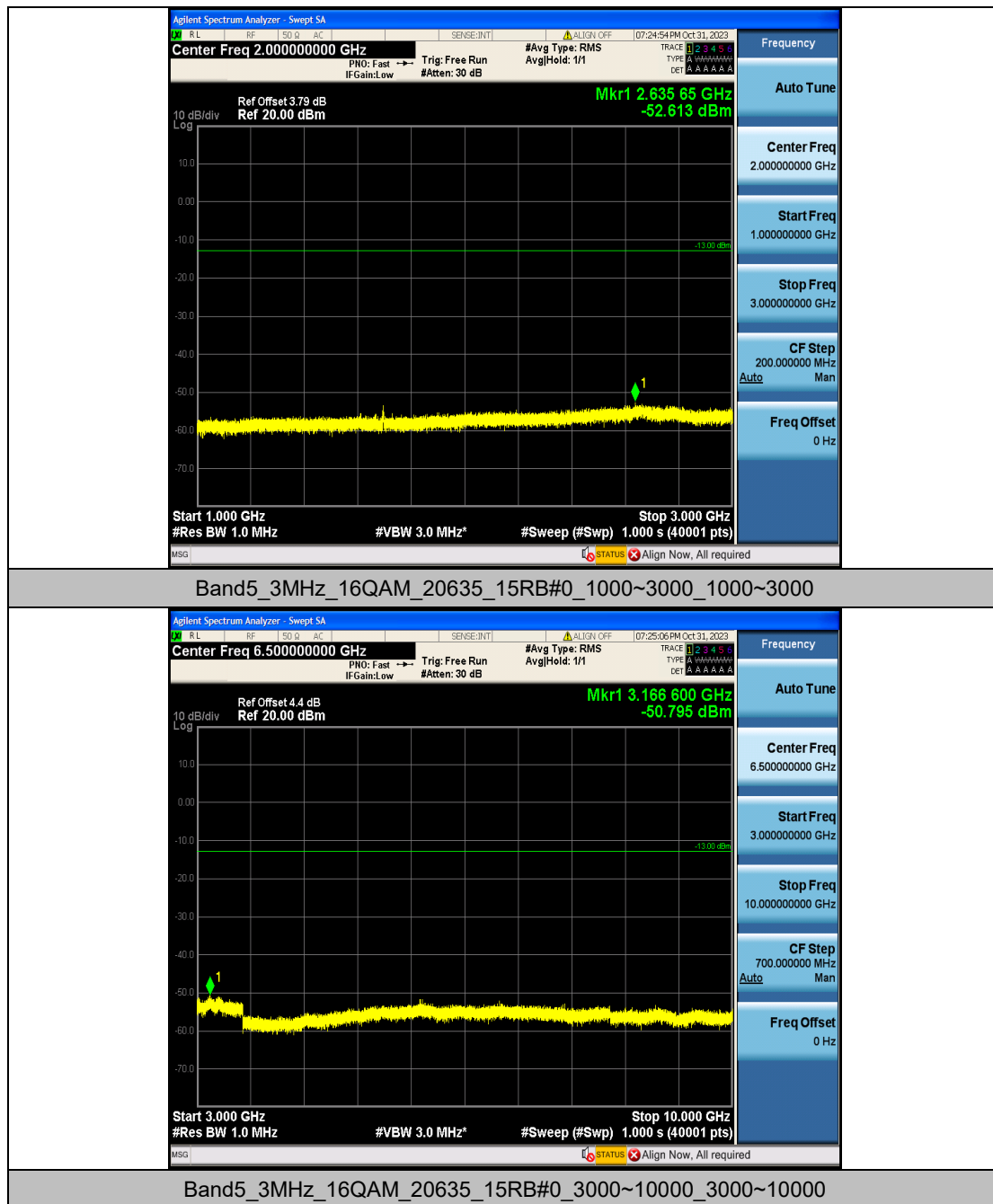


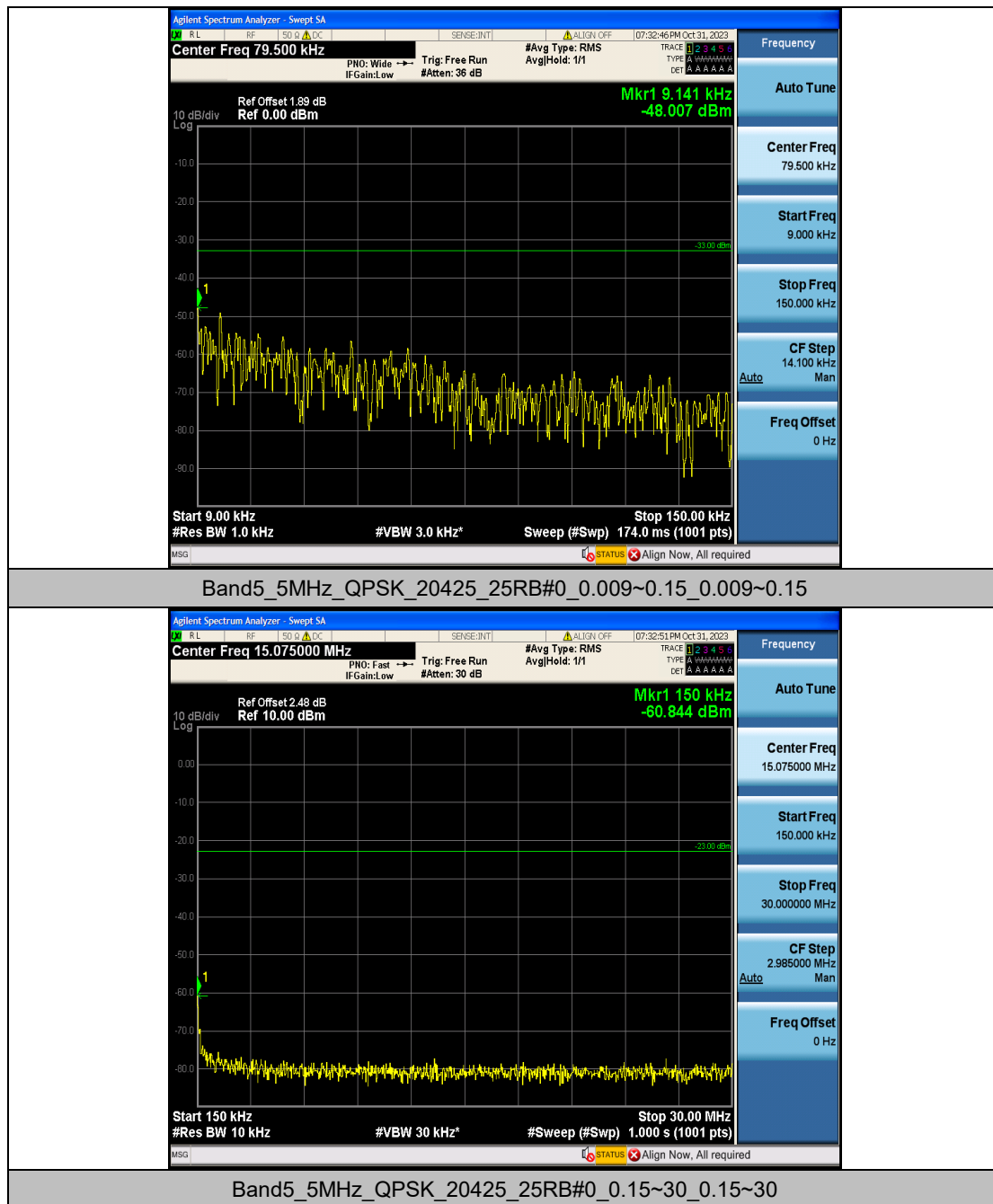


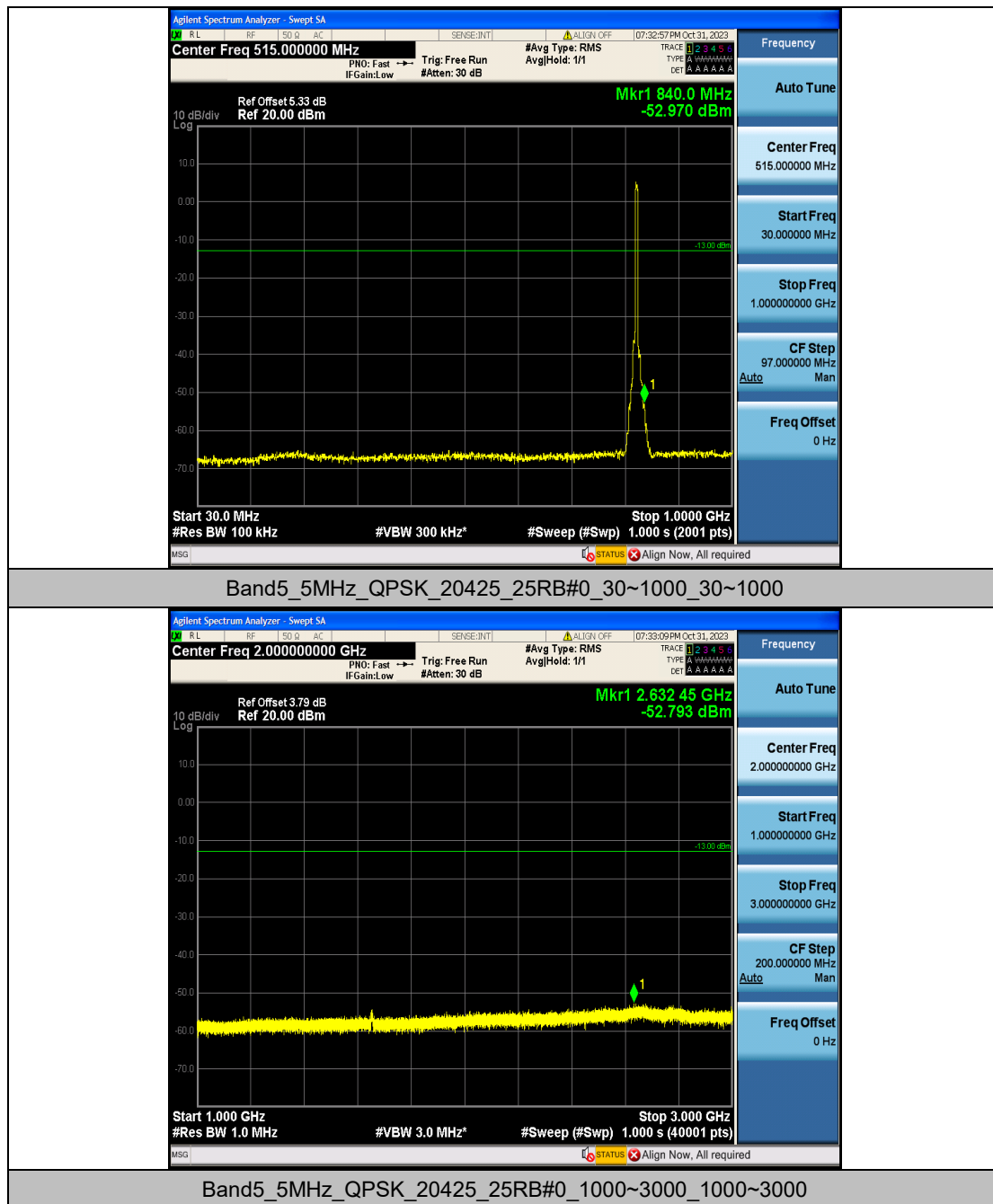


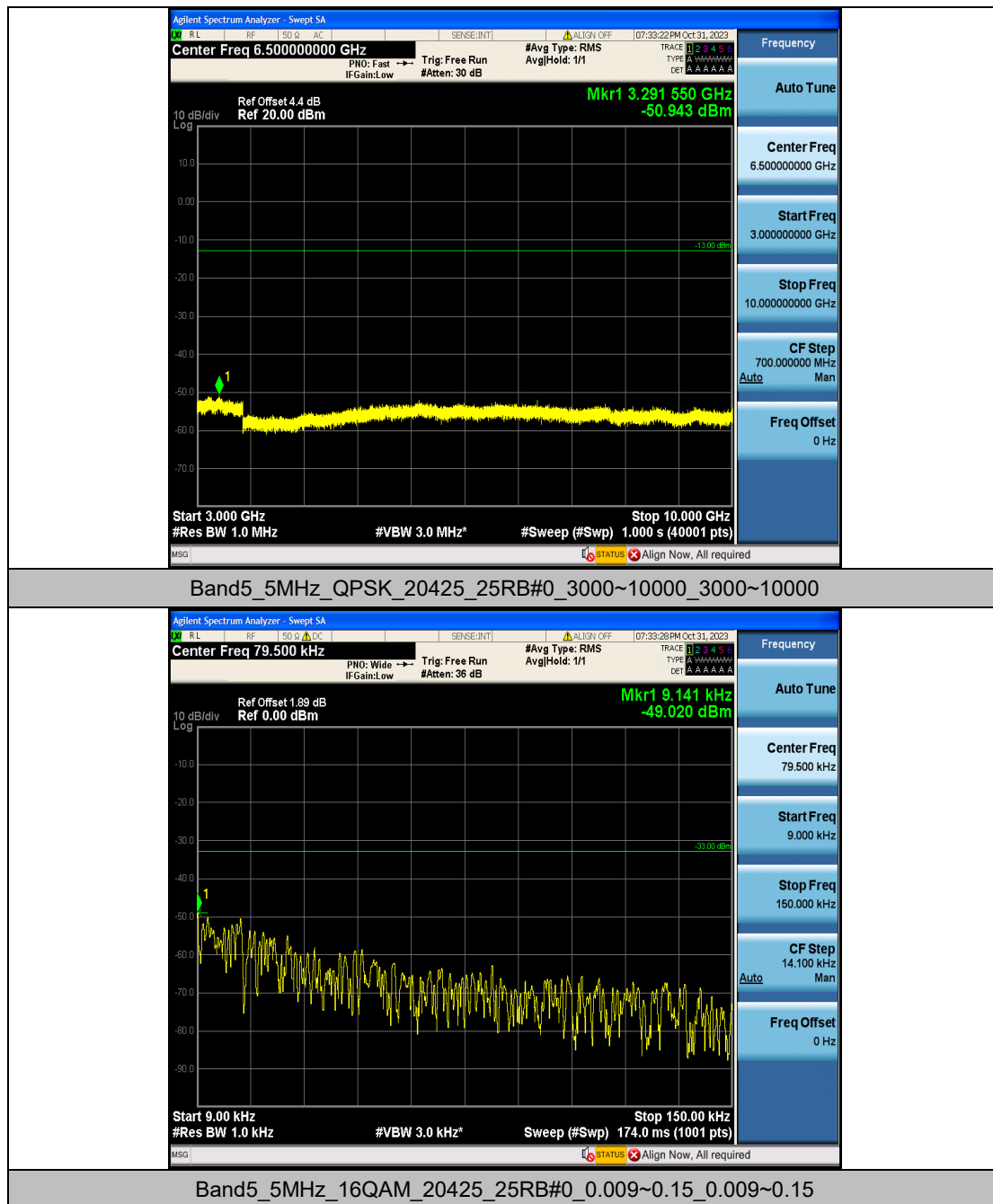


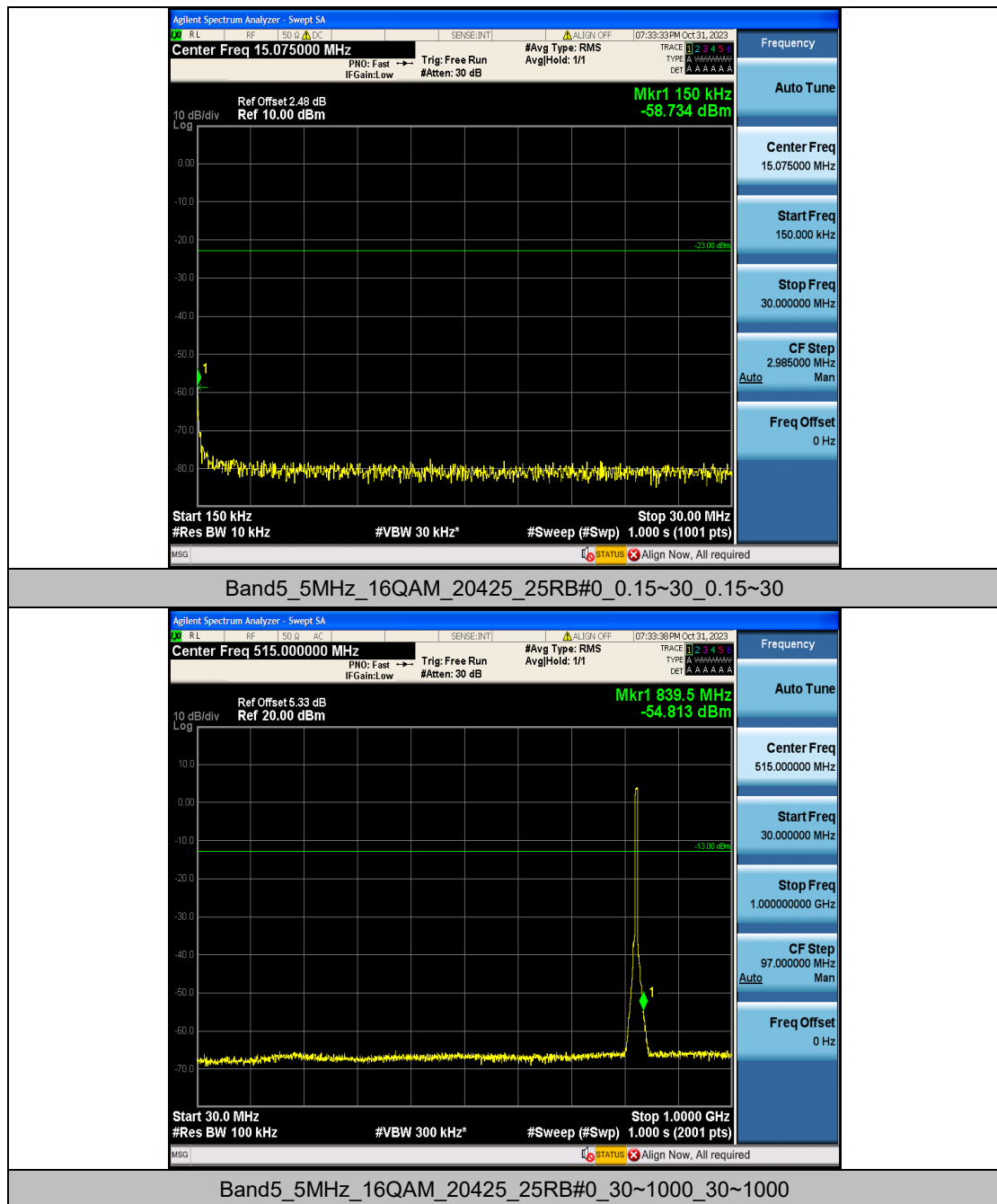


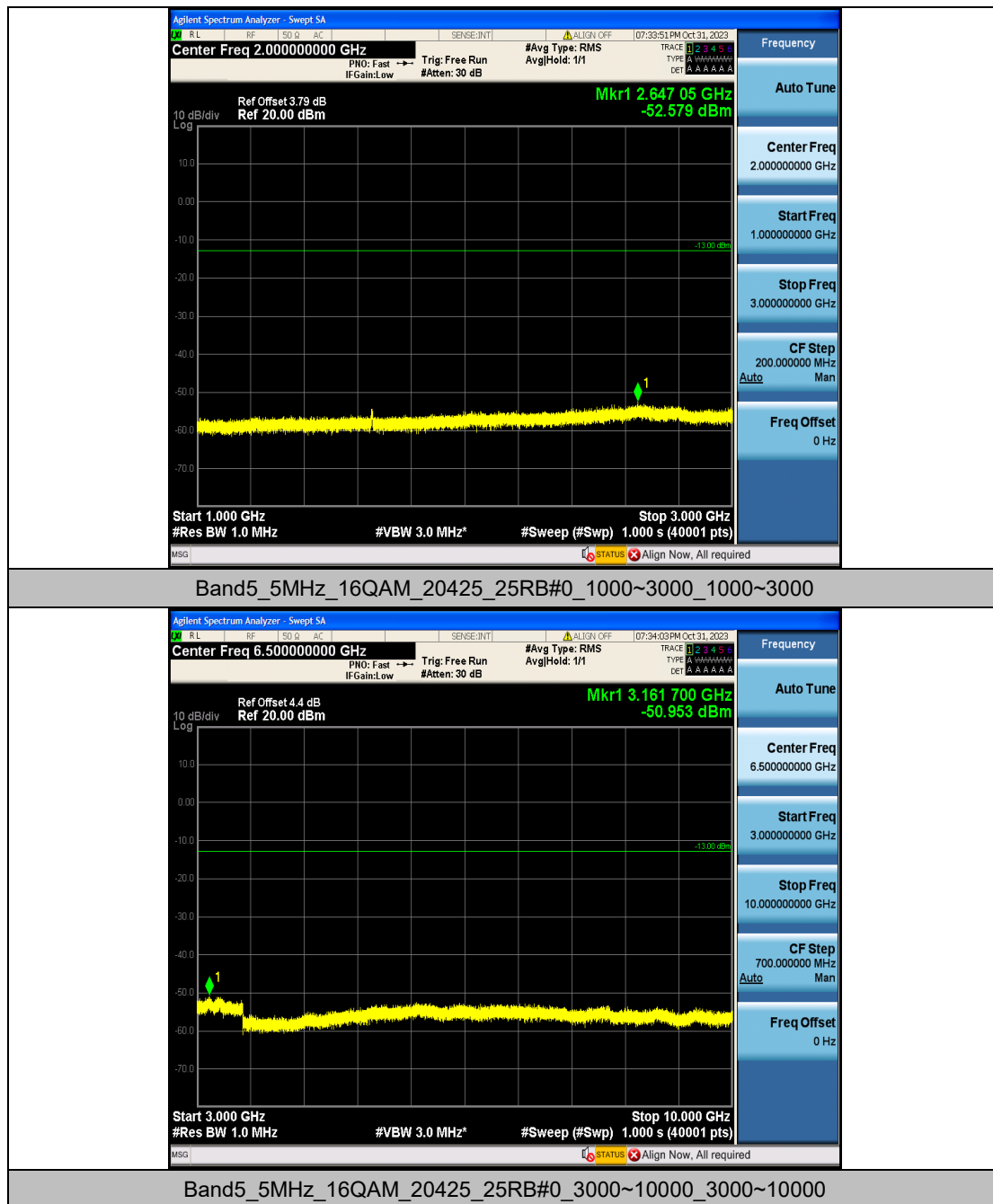


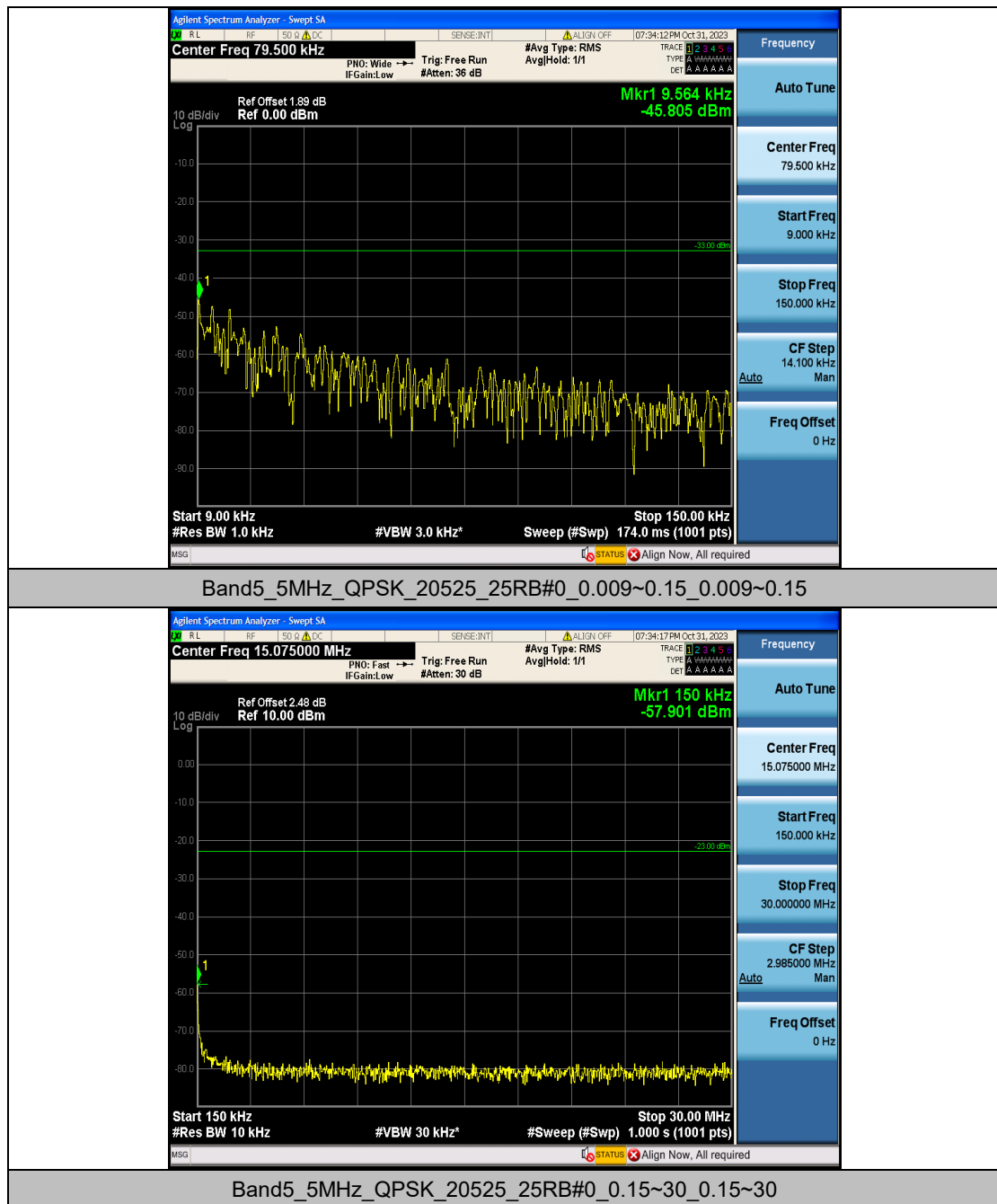


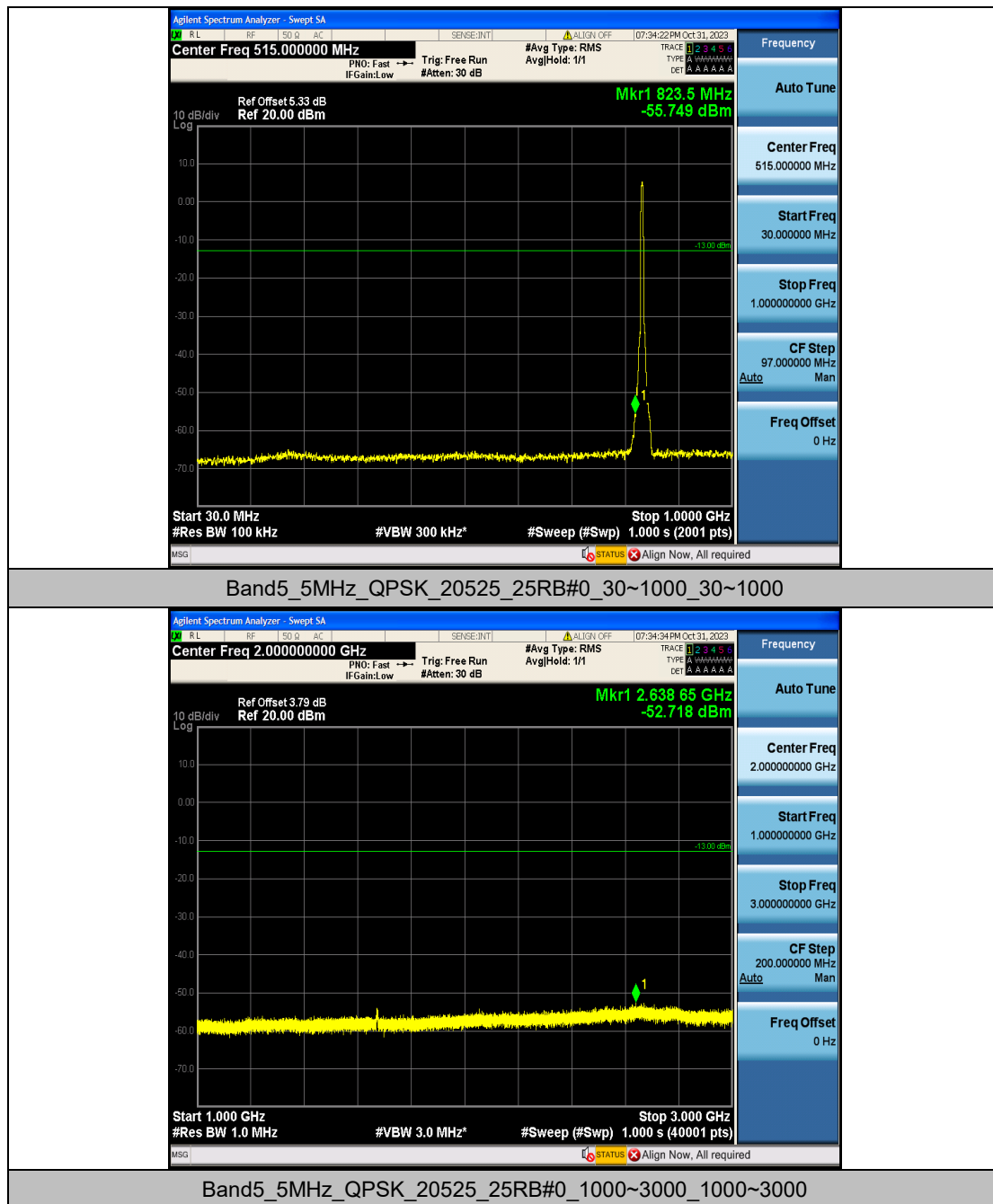


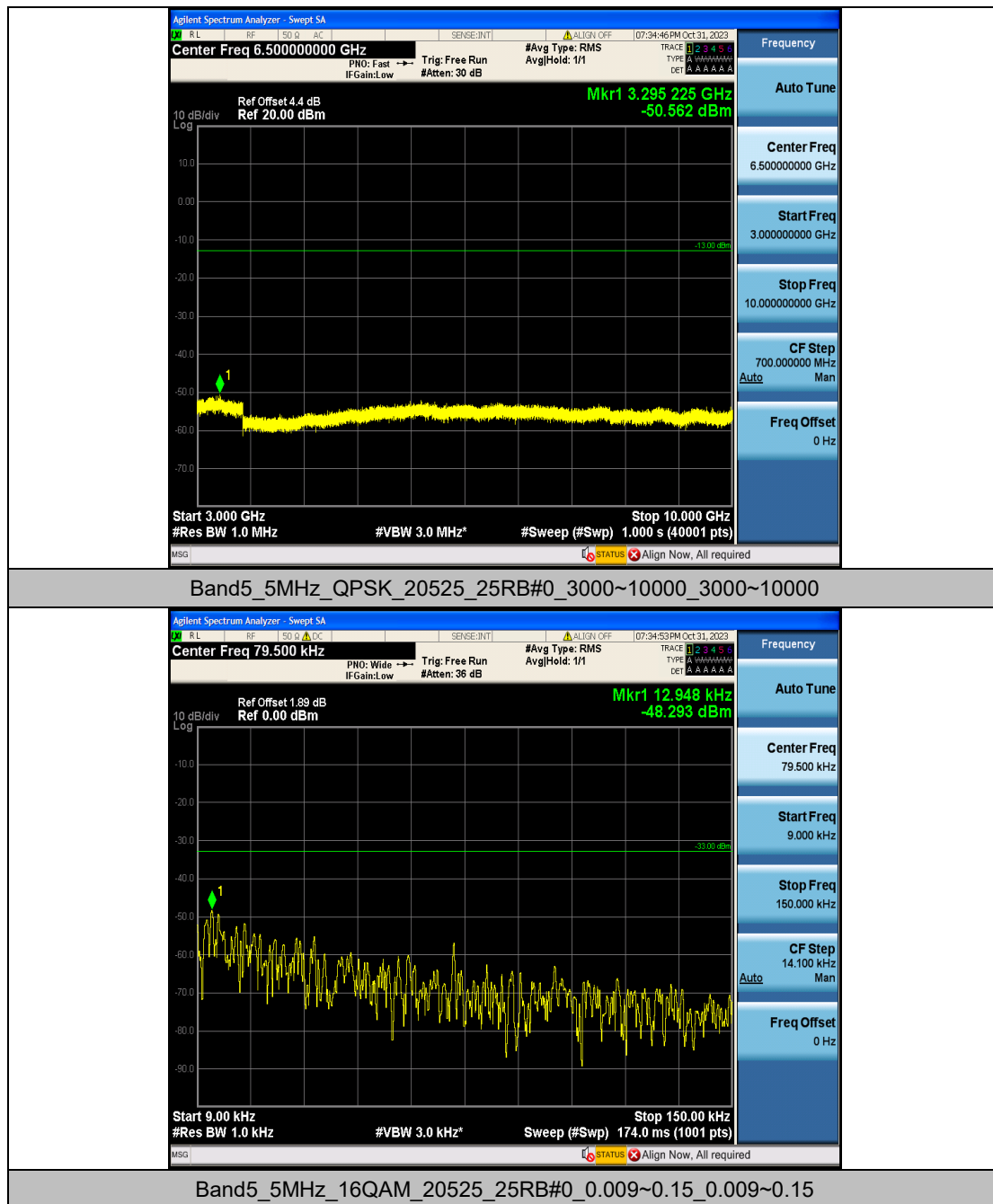


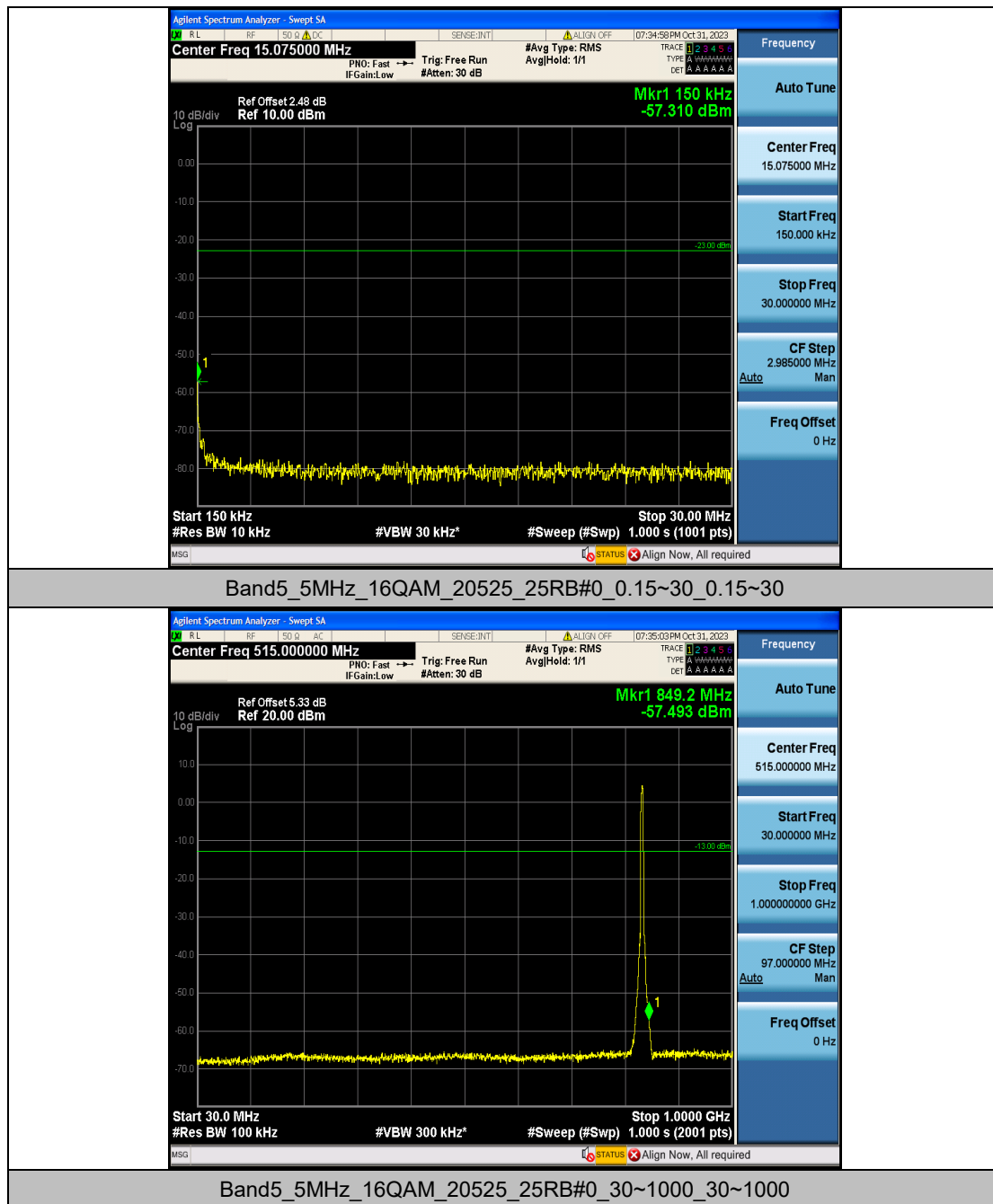


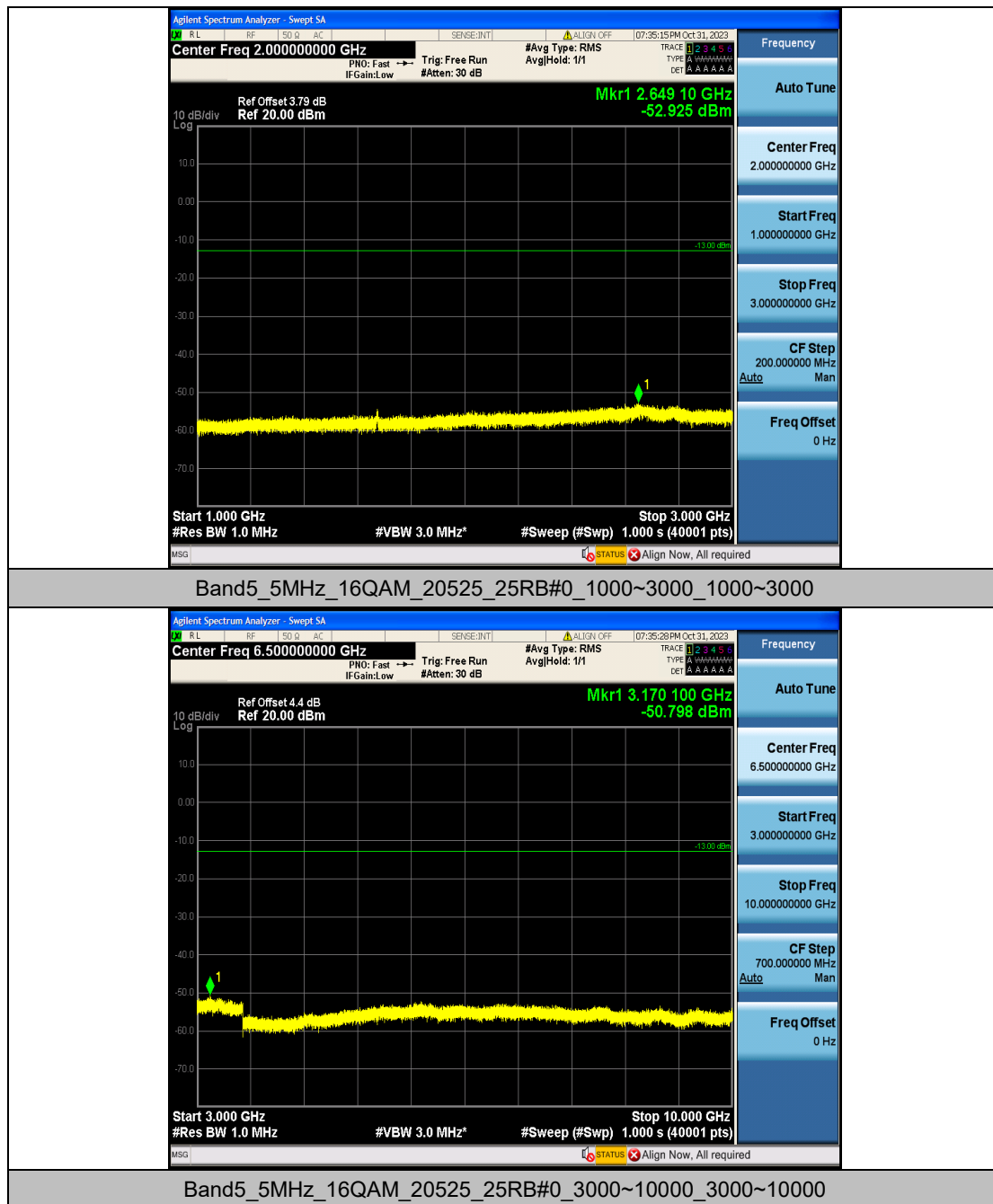


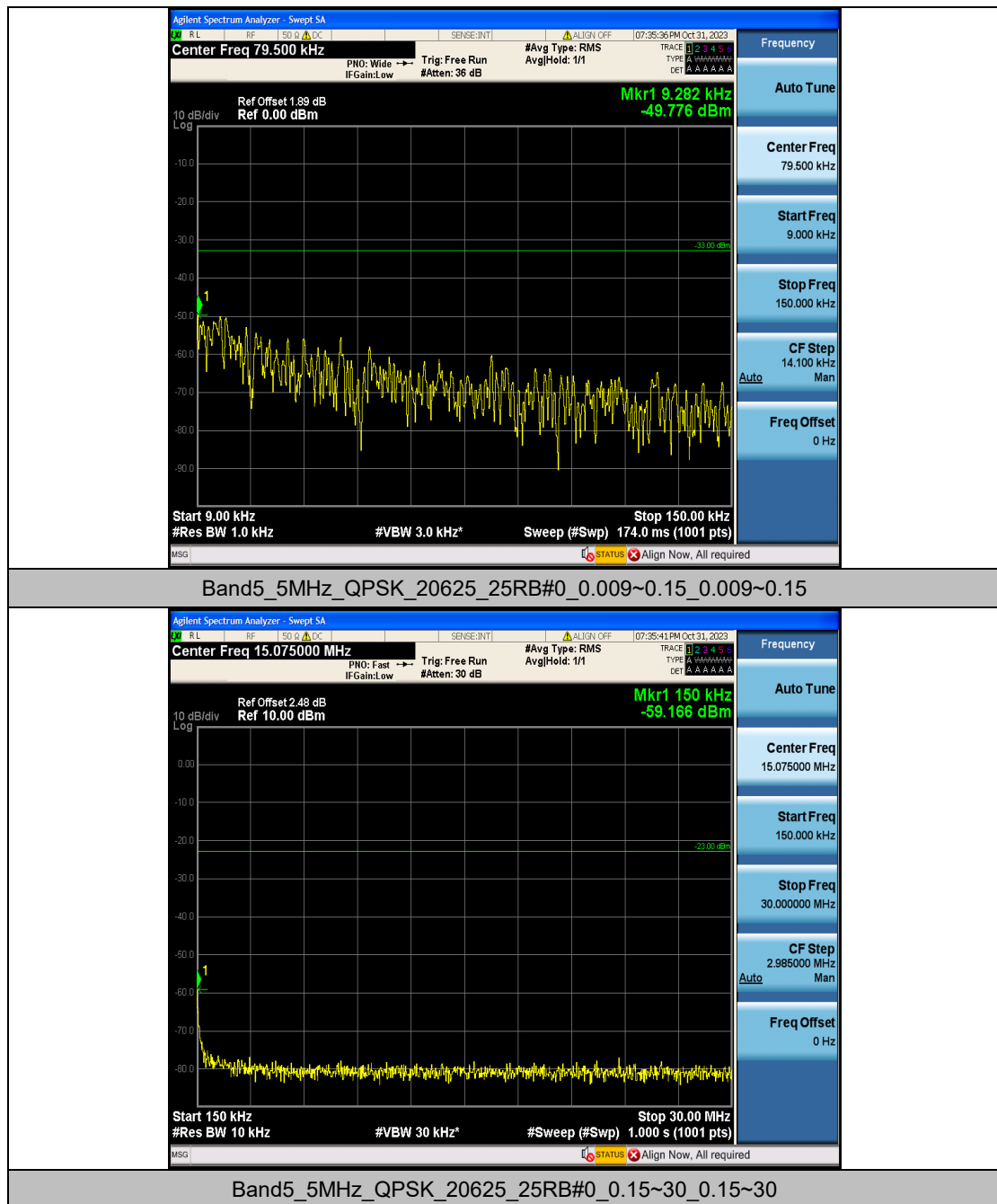


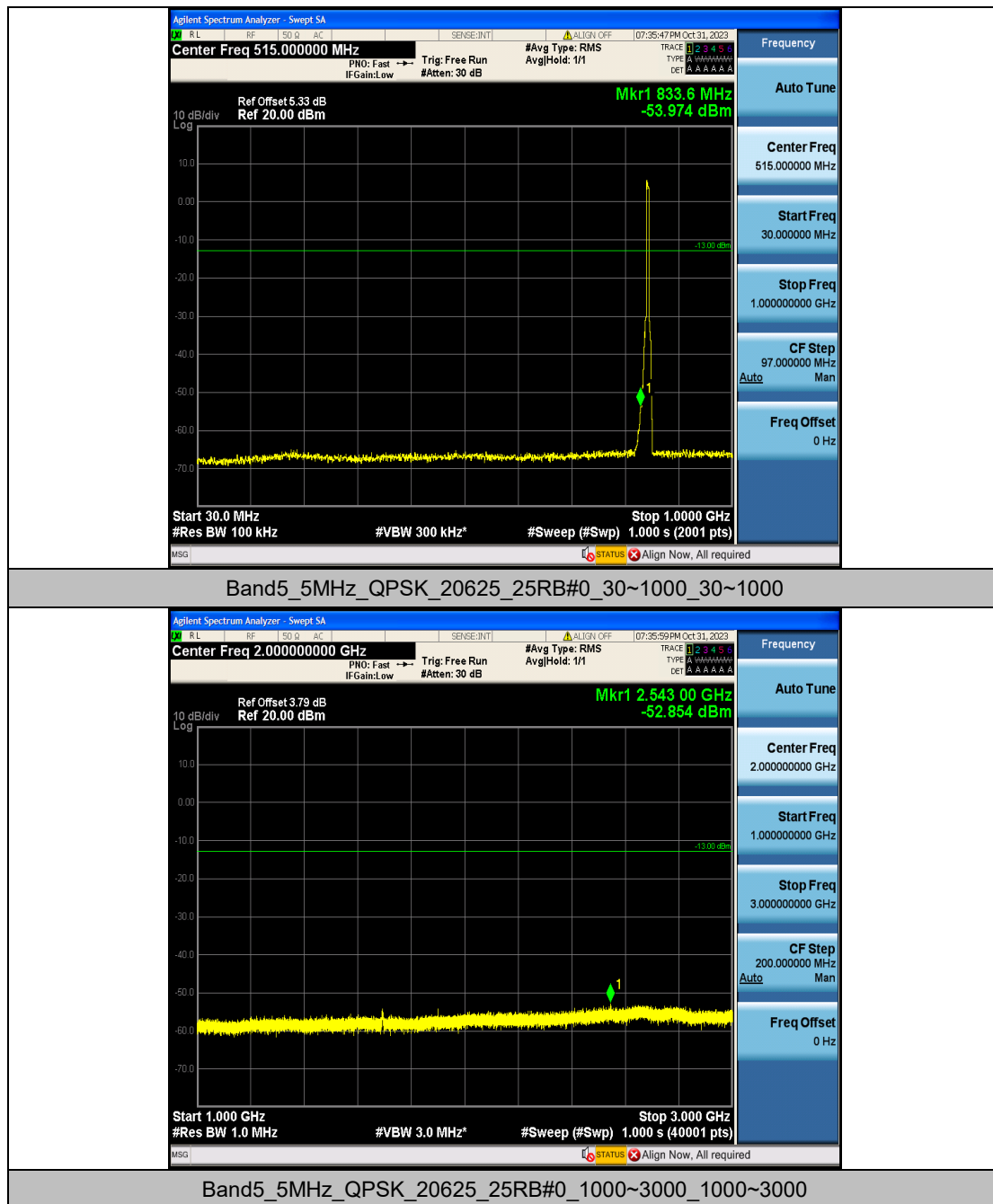


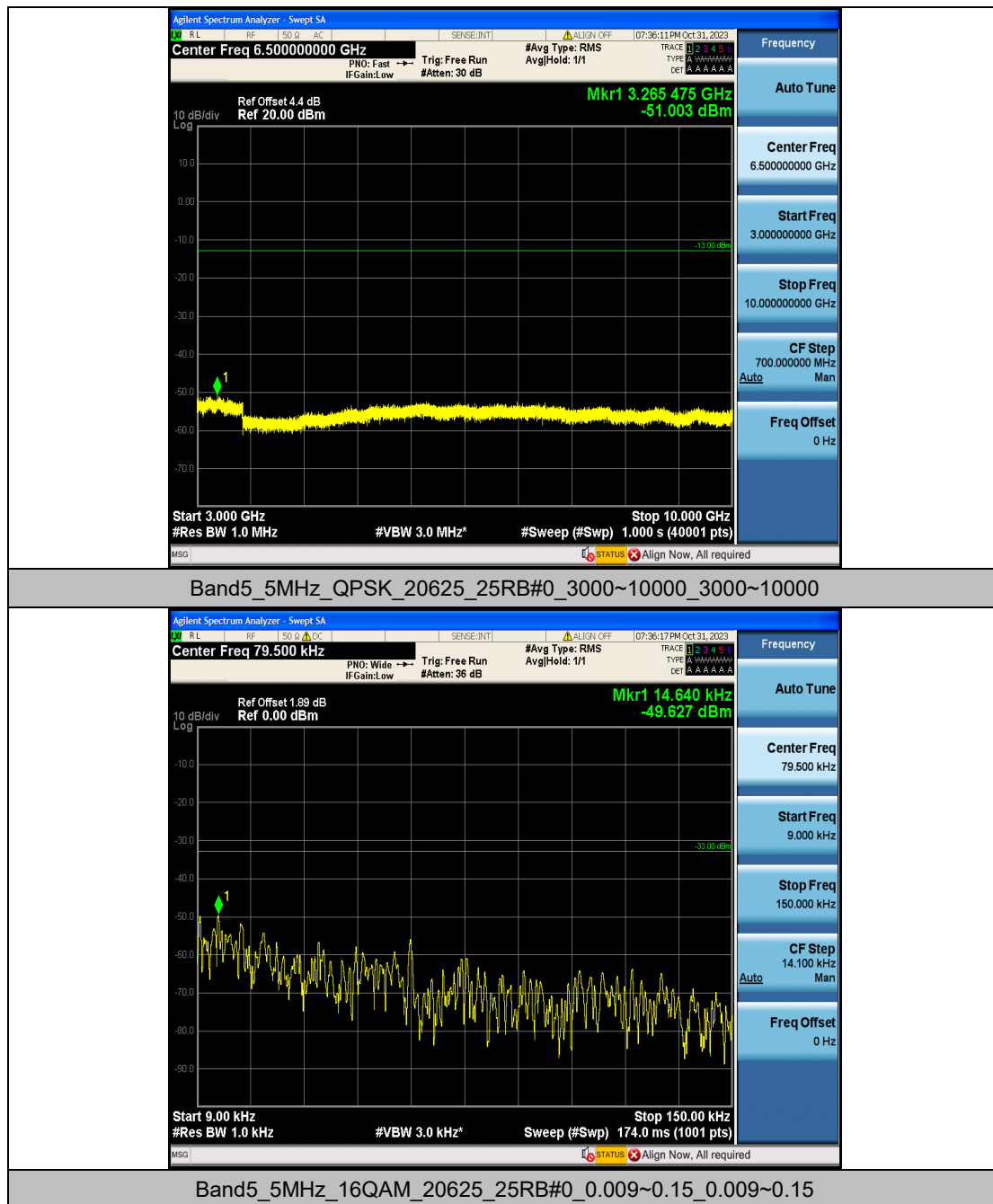


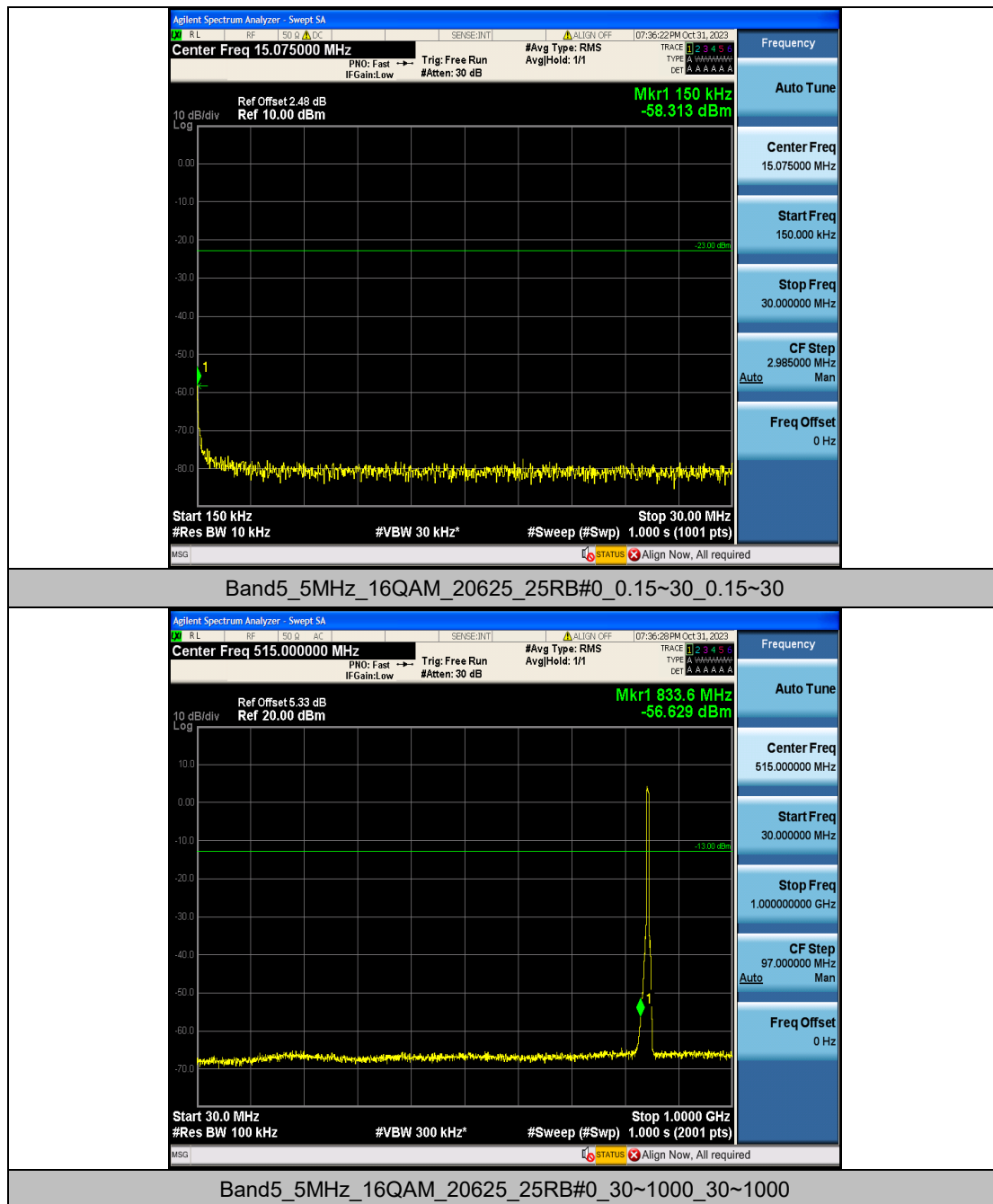


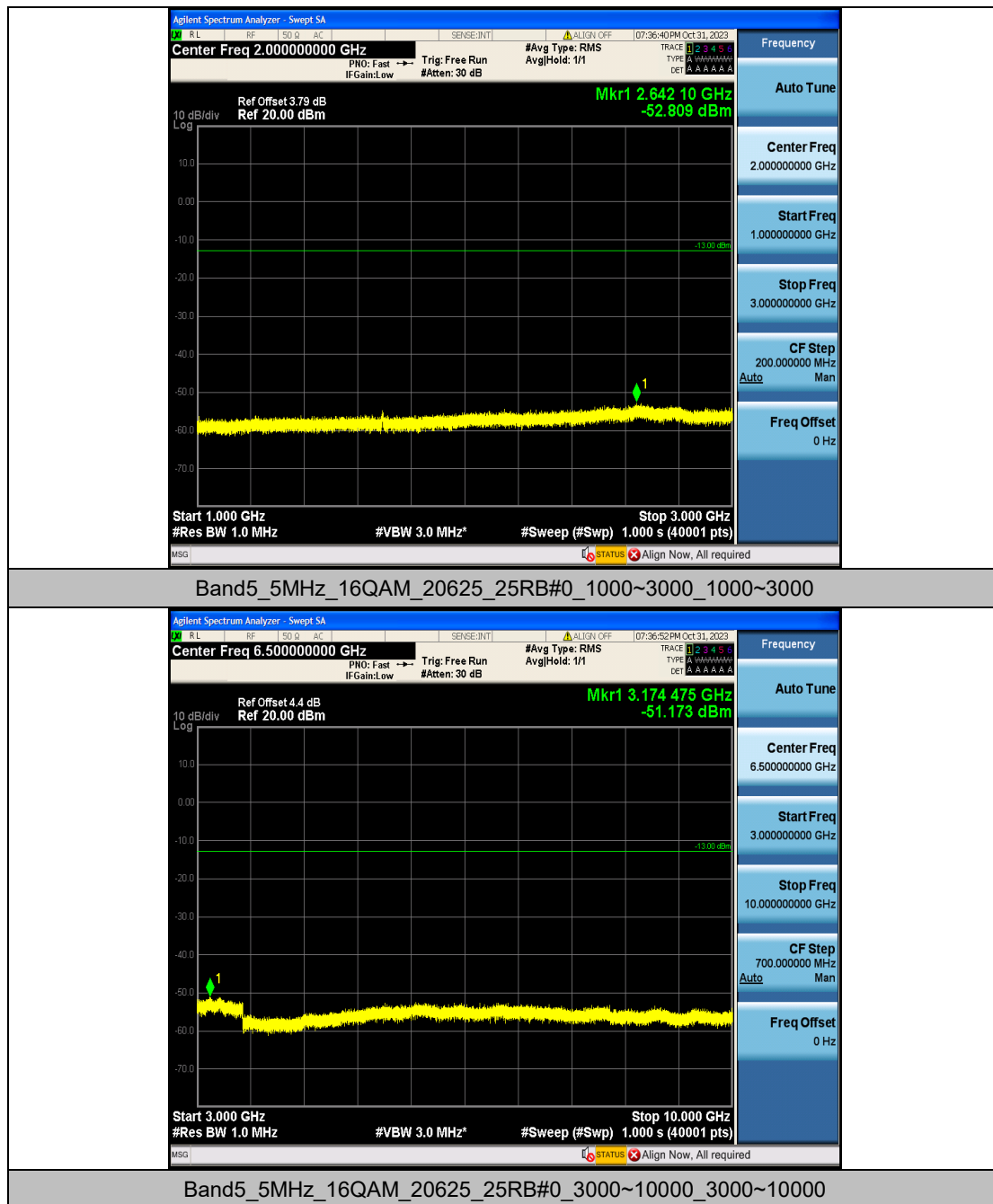


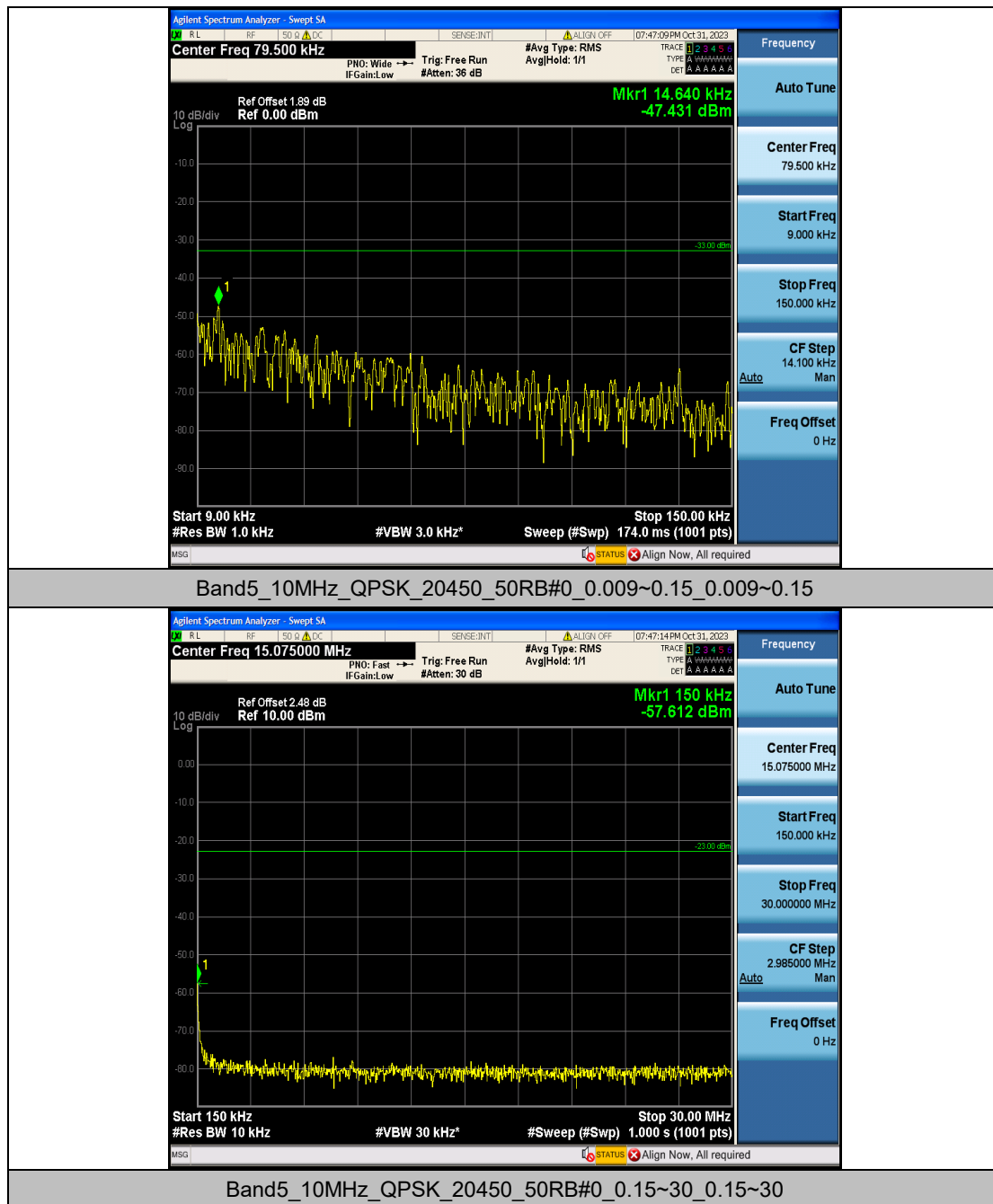


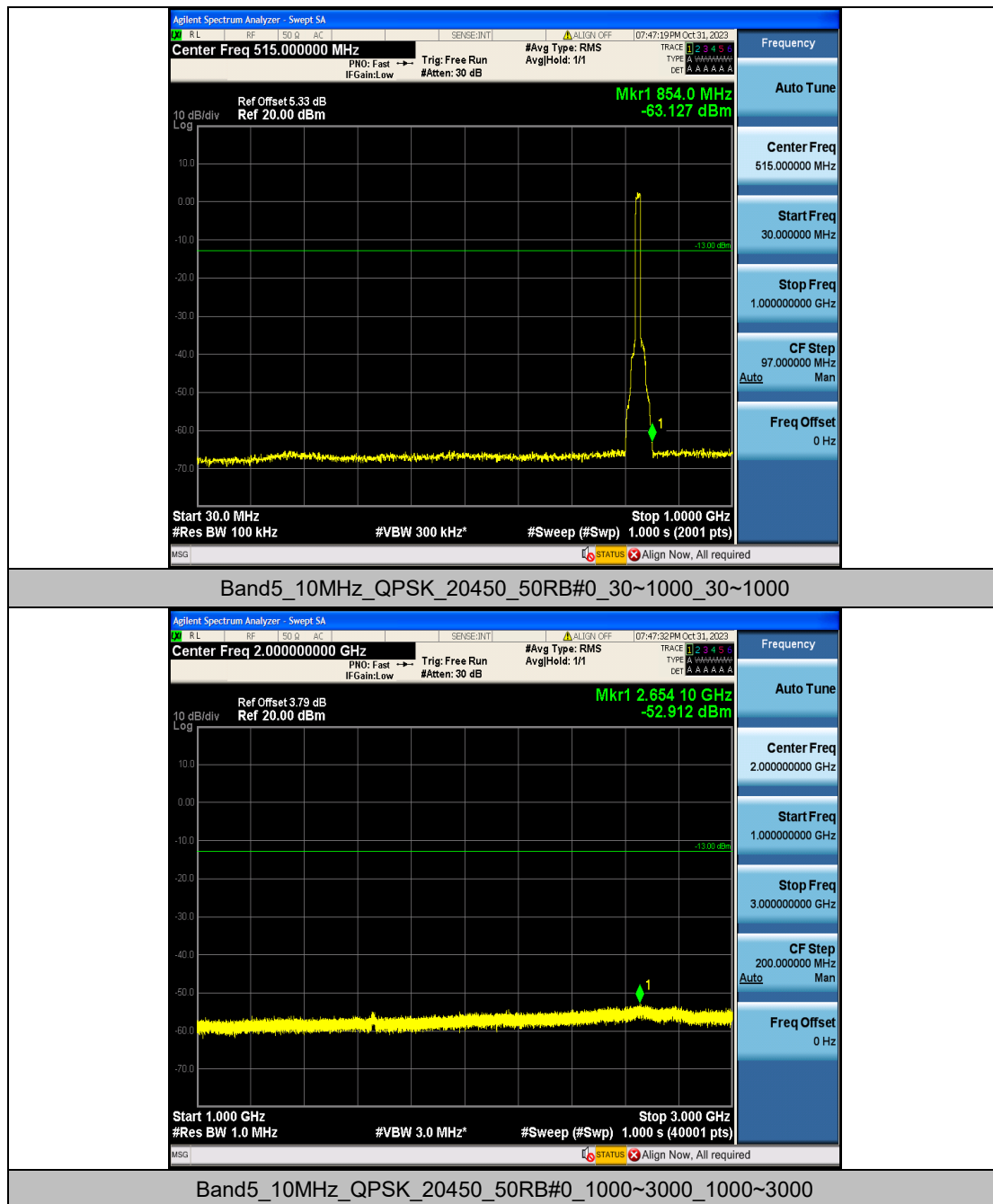


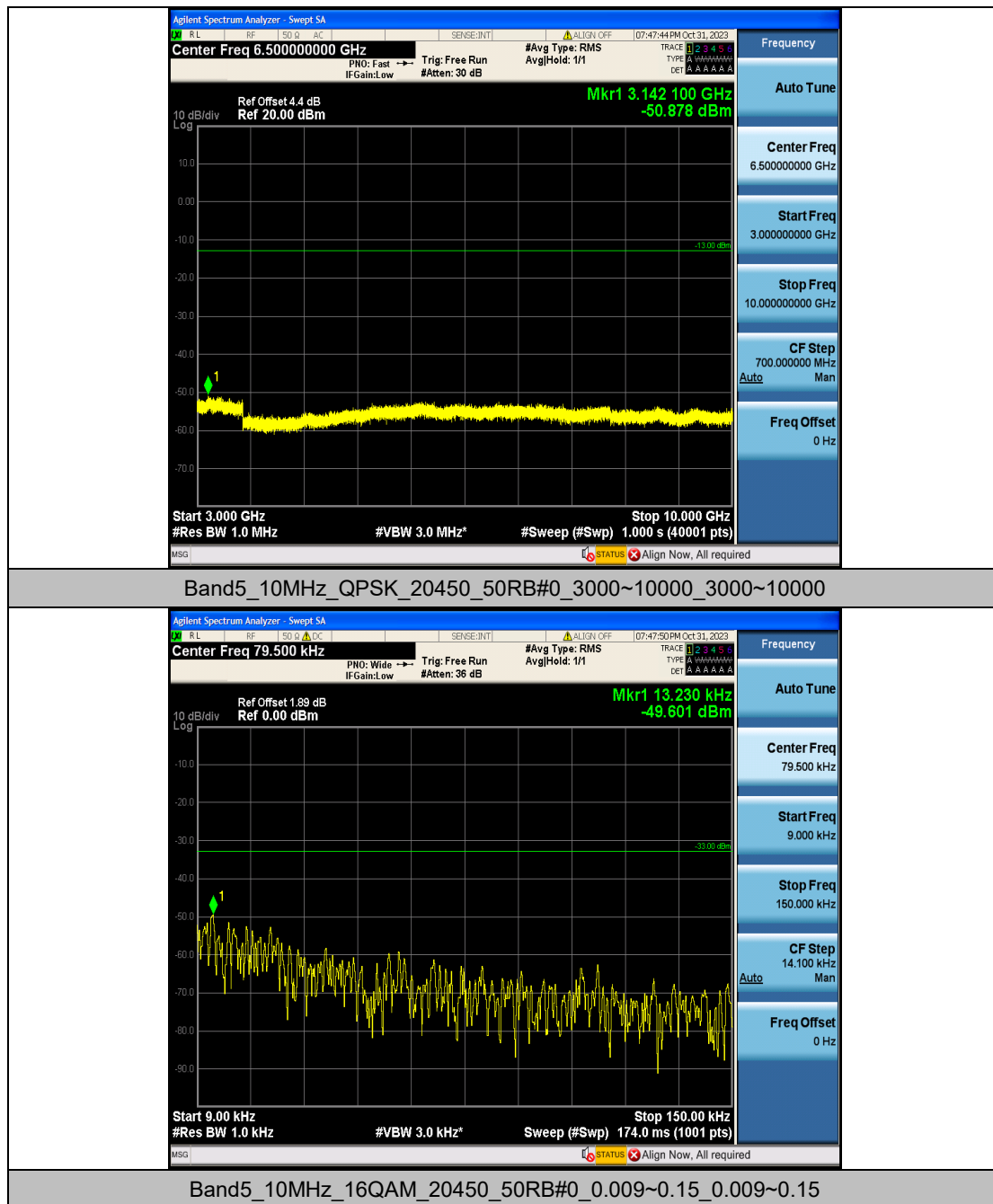


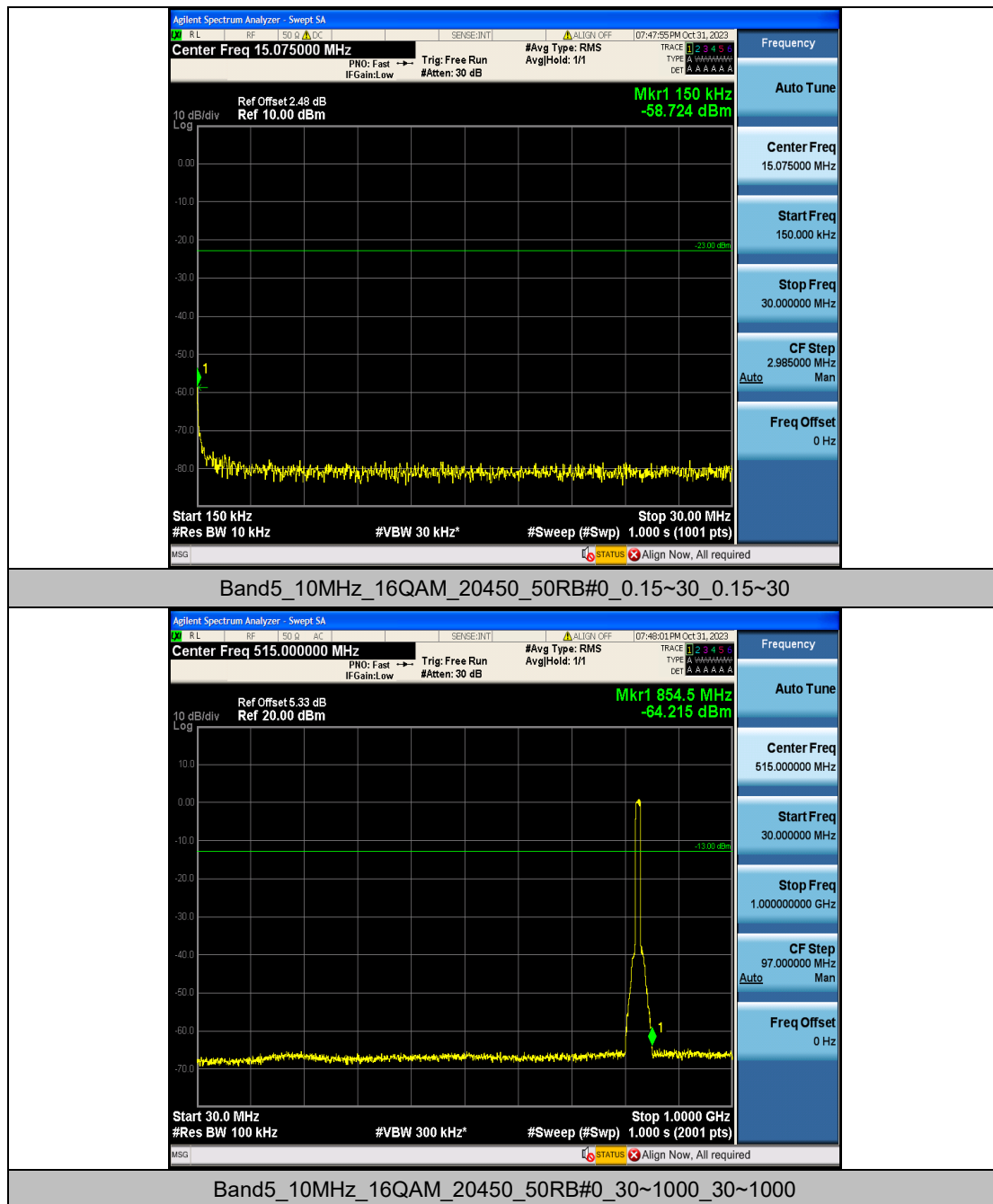


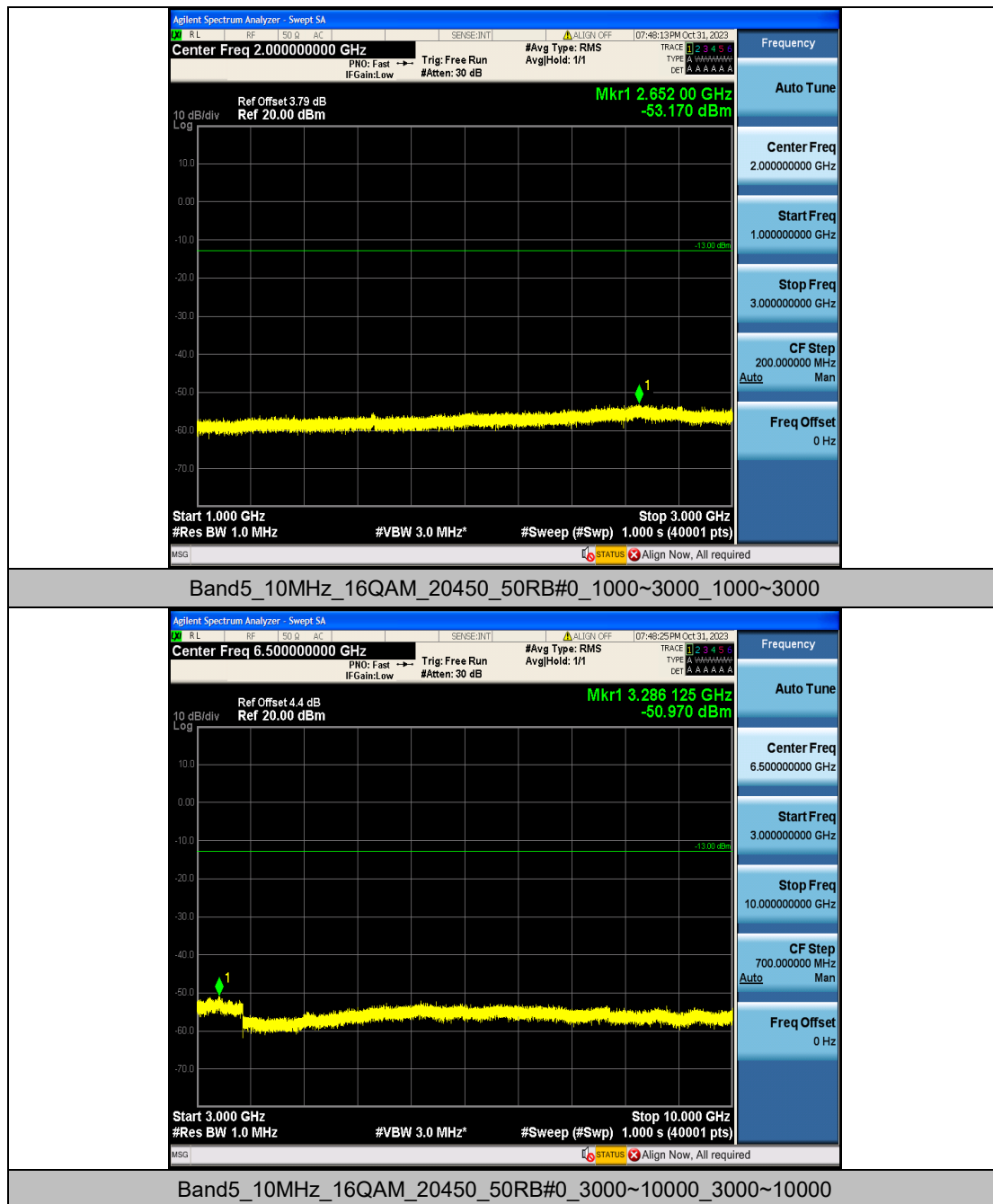


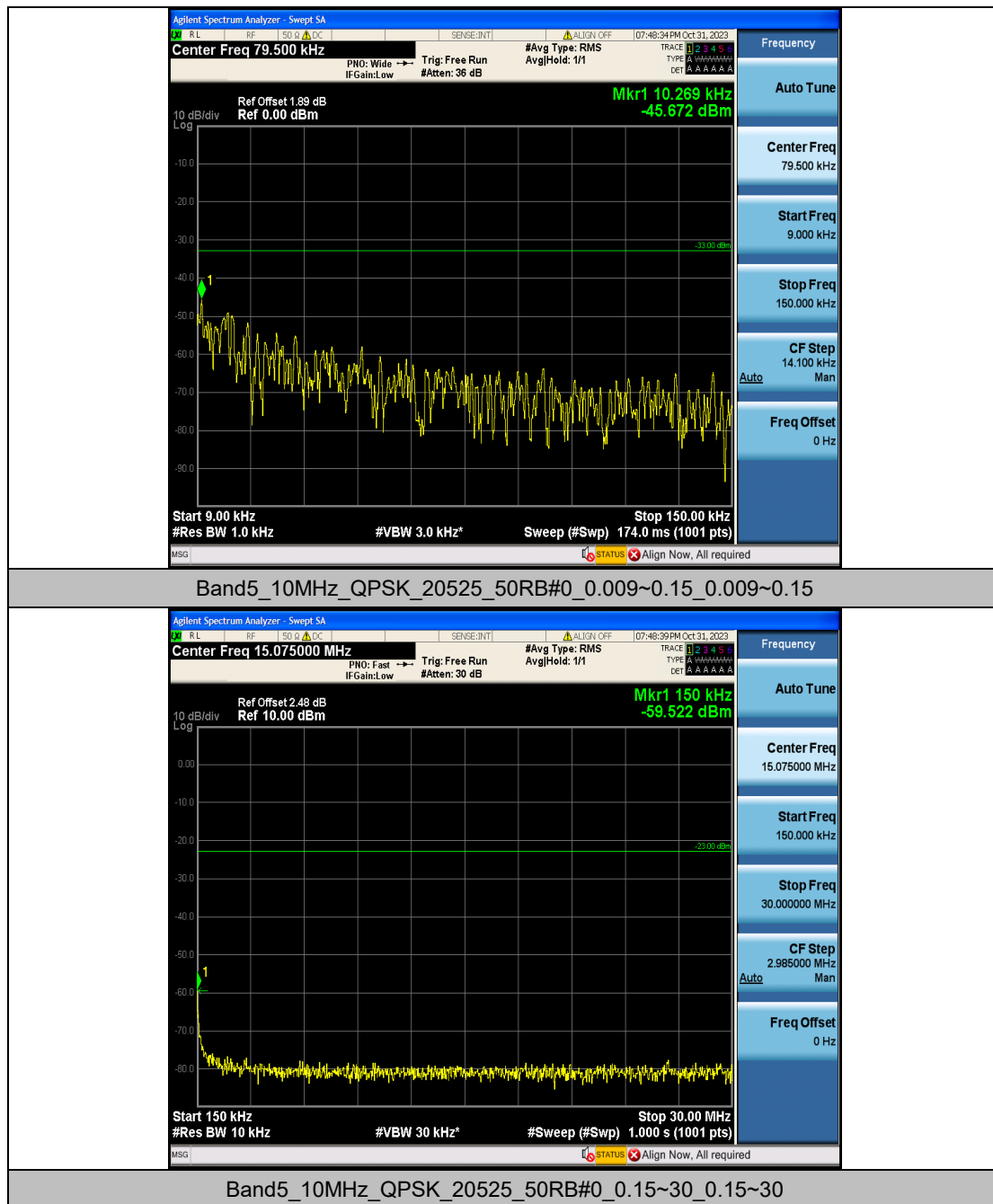


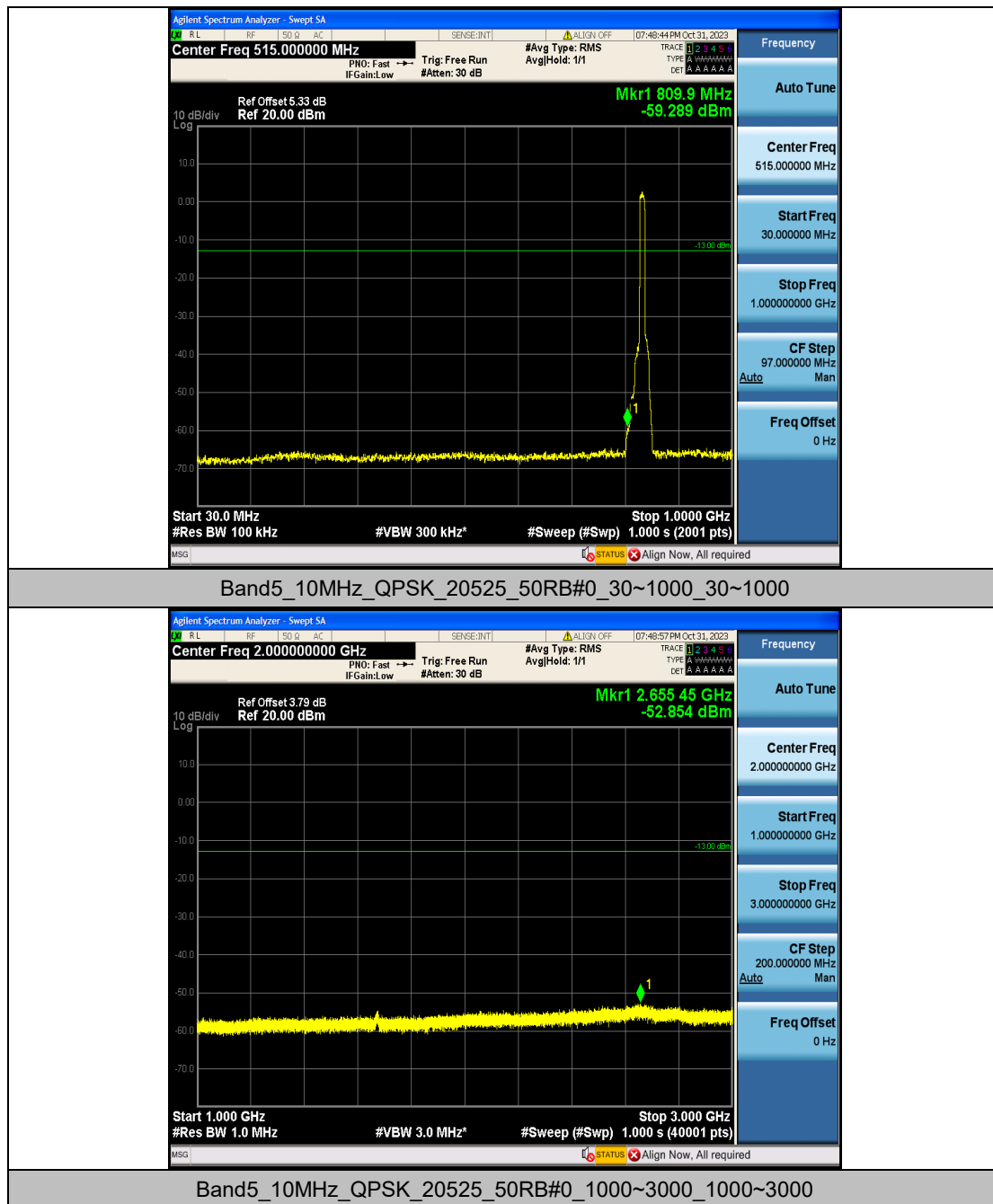


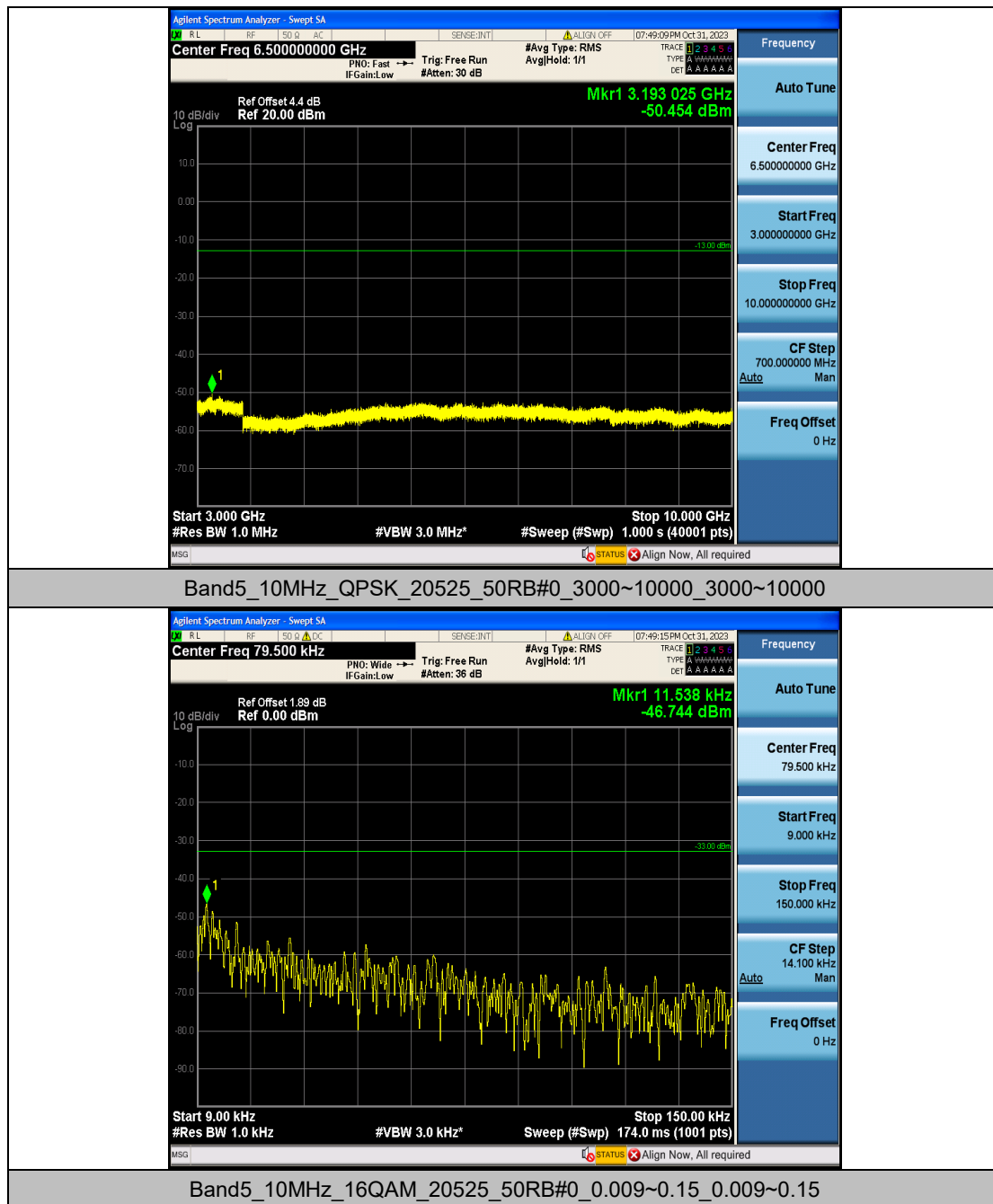


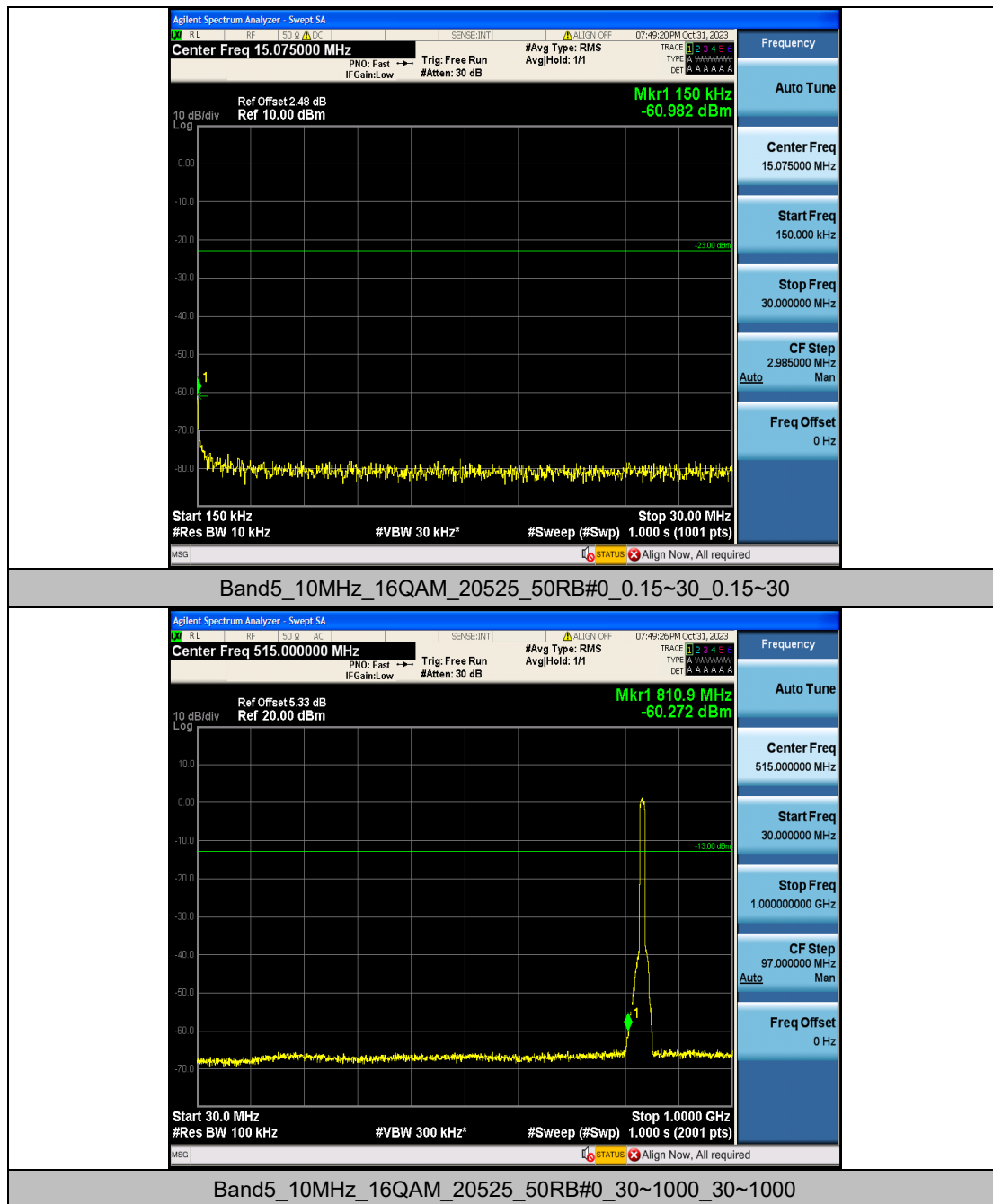


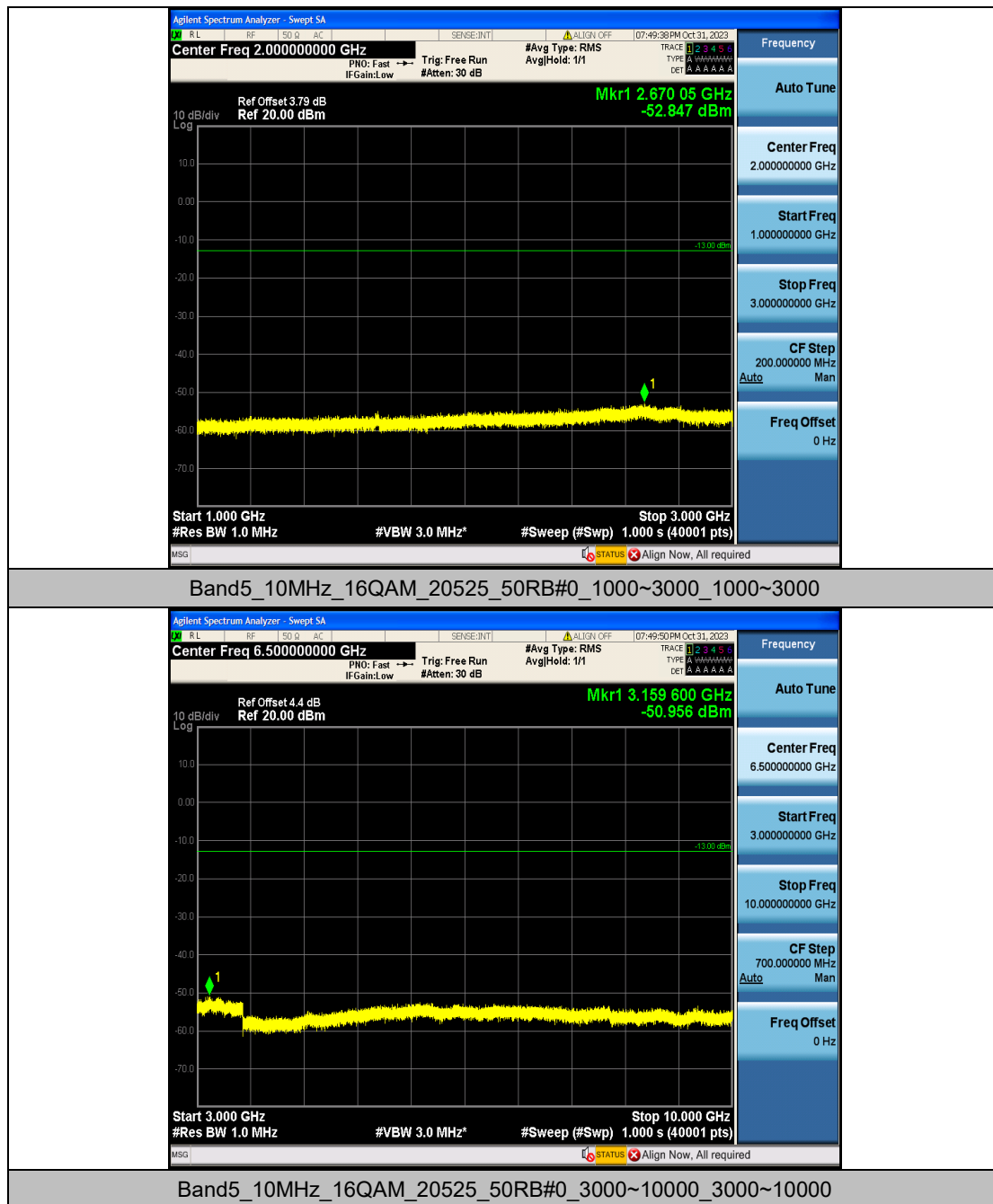


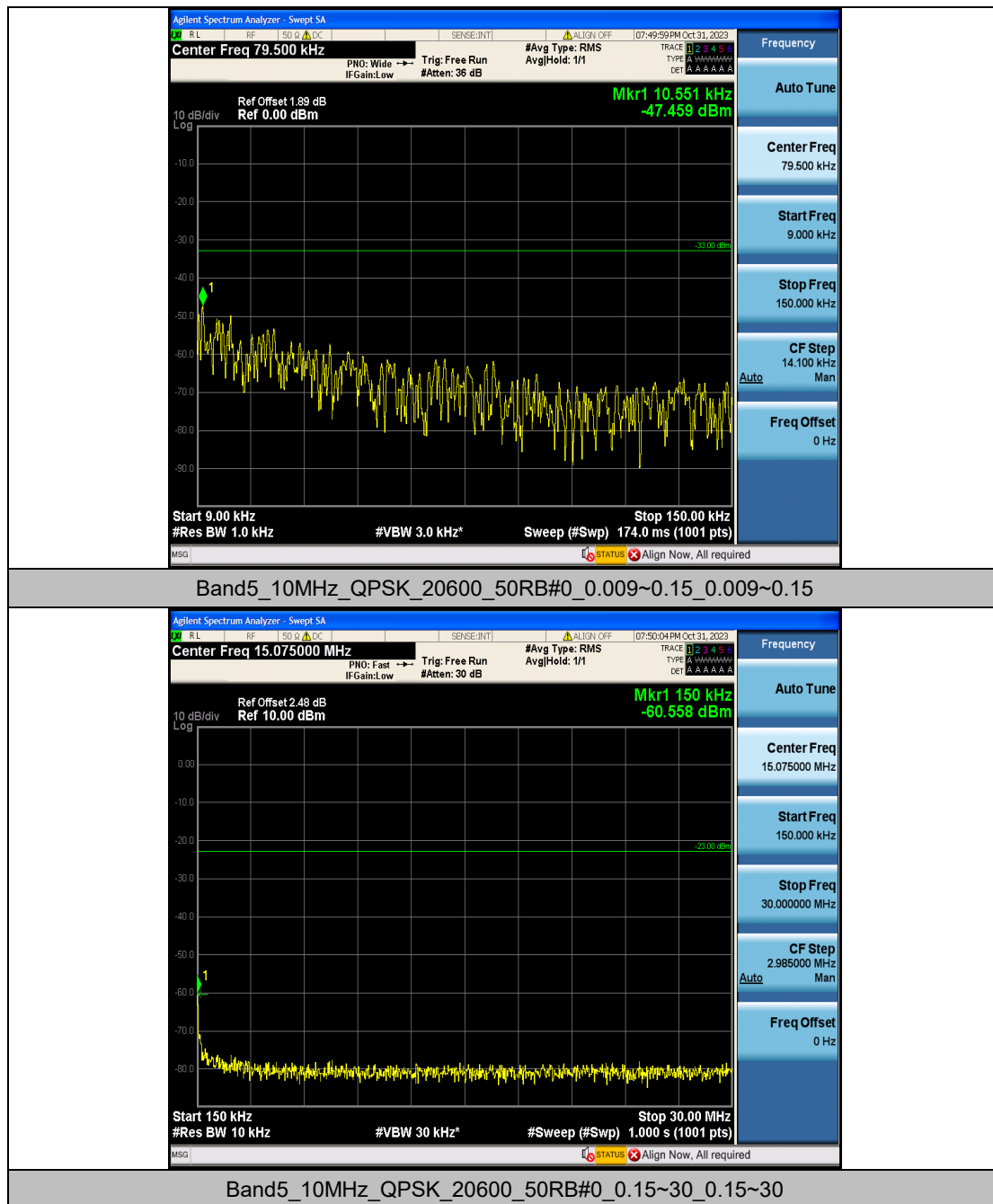


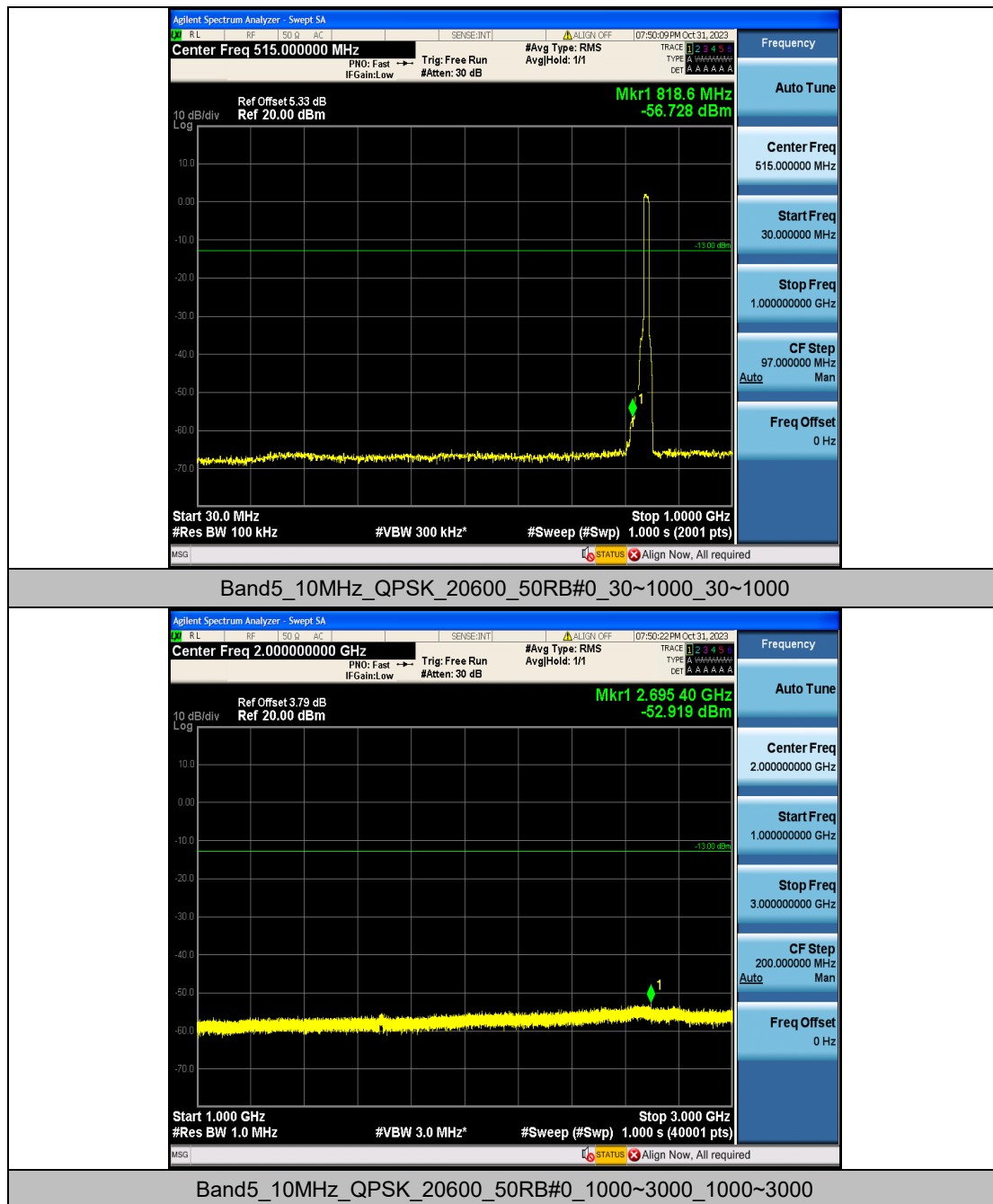


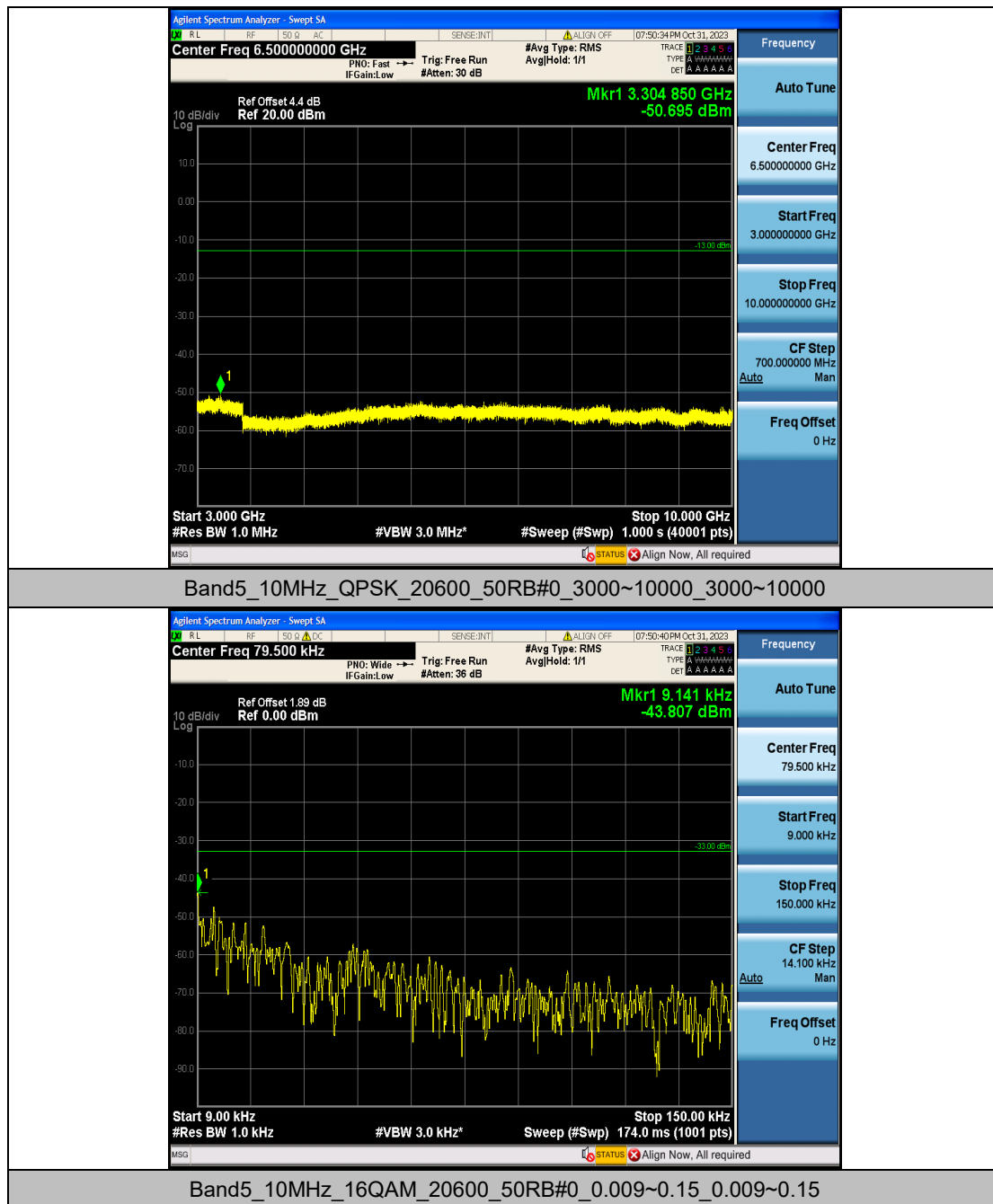


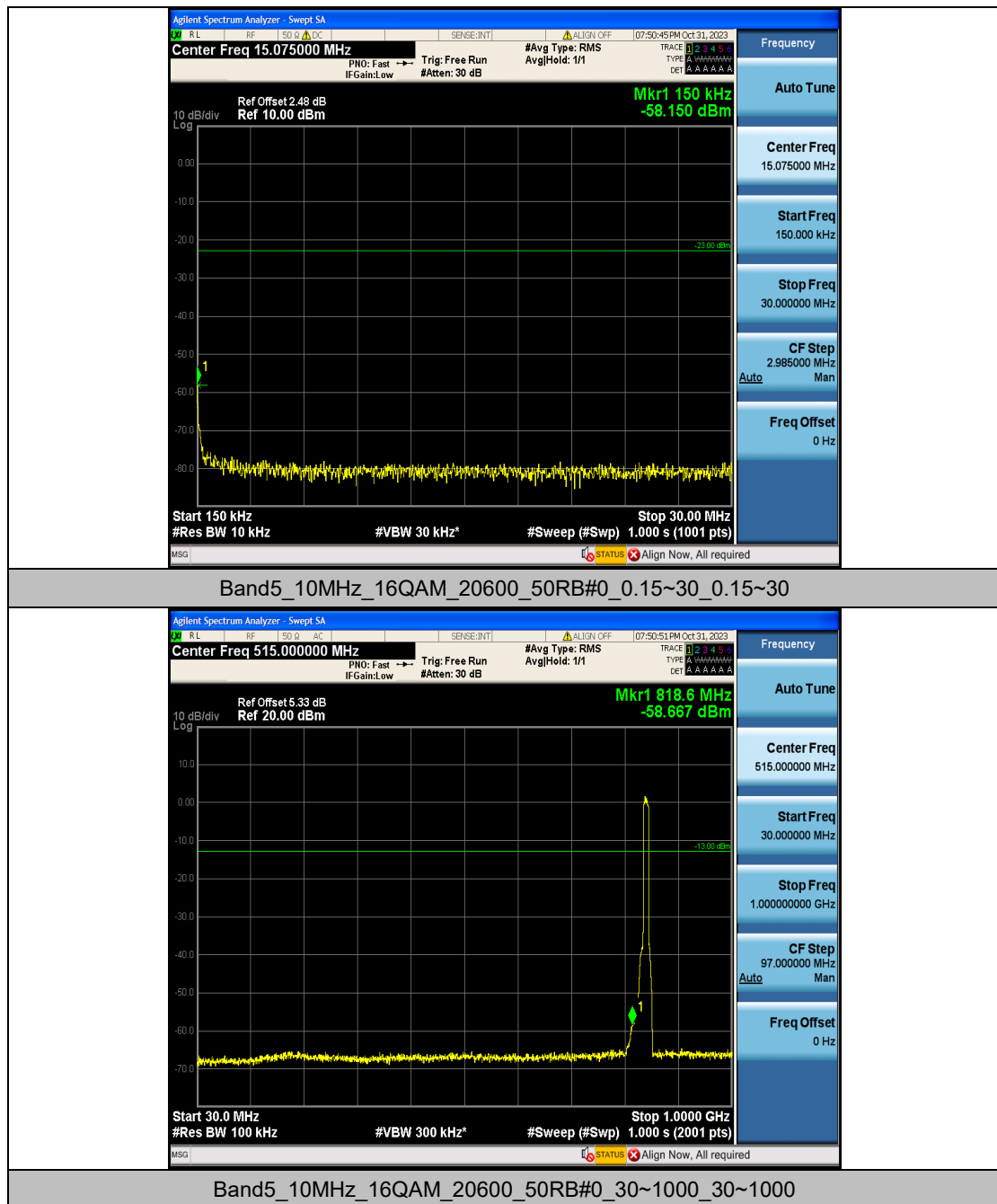


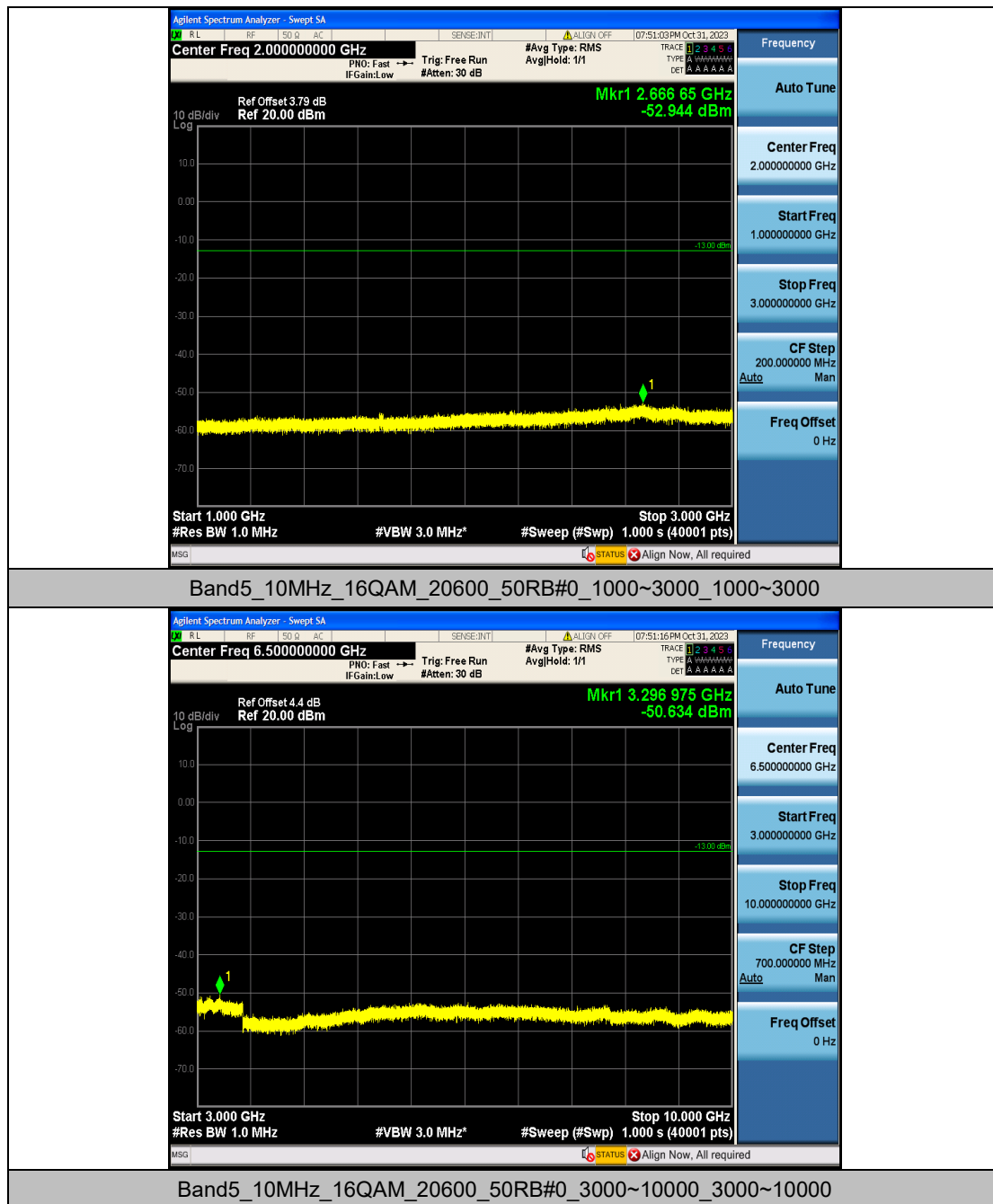












## Appendix F: Frequency Stability

### 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        | VN            | NT               | -10.06         | -0.012198       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | QPSK       | 20407   | 6RB#0        | VL            | NT               | -9.16          | -0.011107       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | QPSK       | 20407   | 6RB#0        | VH            | NT               | -6.79          | -0.008233       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | 16QAM      | 20407   | 6RB#0        | VN            | NT               | -2.37          | -0.002874       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | 16QAM      | 20407   | 6RB#0        | VL            | NT               | 2.32           | 0.002813        | ±2.5        | PASS    |
| Band5   | 1.4MHz    | 16QAM      | 20407   | 6RB#0        | VH            | NT               | -4.99          | -0.006051       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | QPSK       | 20525   | 6RB#0        | VN            | NT               | -11.84         | -0.014154       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | QPSK       | 20525   | 6RB#0        | VL            | NT               | -8.64          | -0.010329       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | QPSK       | 20525   | 6RB#0        | VH            | NT               | -9.13          | -0.010915       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | 16QAM      | 20525   | 6RB#0        | VN            | NT               | -2.25          | -0.002690       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | 16QAM      | 20525   | 6RB#0        | VL            | NT               | 18.32          | 0.021901        | ±2.5        | PASS    |
| Band5   | 1.4MHz    | 16QAM      | 20525   | 6RB#0        | VH            | NT               | -3.85          | -0.004603       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | QPSK       | 20643   | 6RB#0        | VN            | NT               | -9.67          | -0.011399       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | QPSK       | 20643   | 6RB#0        | VL            | NT               | -7.90          | -0.009313       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | QPSK       | 20643   | 6RB#0        | VH            | NT               | -6.71          | -0.007910       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | 16QAM      | 20643   | 6RB#0        | VN            | NT               | -4.58          | -0.005399       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | 16QAM      | 20643   | 6RB#0        | VL            | NT               | -2.59          | -0.003053       | ±2.5        | PASS    |
| Band5   | 1.4MHz    | 16QAM      | 20643   | 6RB#0        | VH            | NT               | -2.89          | -0.003407       | ±2.5        | PASS    |
| Band5   | 3MHz      | QPSK       | 20415   | 15RB#0       | VN            | NT               | 2.78           | 0.003368        | ±2.5        | PASS    |
| Band5   | 3MHz      | QPSK       | 20415   | 15RB#0       | VL            | NT               | 3.00           | 0.003634        | ±2.5        | PASS    |
| Band5   | 3MHz      | QPSK       | 20415   | 15RB#0       | VH            | NT               | 2.69           | 0.003259        | ±2.5        | PASS    |
| Band5   | 3MHz      | 16QAM      | 20415   | 15RB#0       | VN            | NT               | 4.95           | 0.005996        | ±2.5        | PASS    |
| Band5   | 3MHz      | 16QAM      | 20415   | 15RB#0       | VL            | NT               | 3.72           | 0.004506        | ±2.5        | PASS    |
| Band5   | 3MHz      | 16QAM      | 20415   | 15RB#0       | VH            | NT               | 3.66           | 0.004434        | ±2.5        | PASS    |
| Band5   | 3MHz      | QPSK       | 20525   | 15RB#0       | VN            | NT               | 2.63           | 0.003144        | ±2.5        | PASS    |
| Band5   | 3MHz      | QPSK       | 20525   | 15RB#0       | VL            | NT               | 4.36           | 0.005212        | ±2.5        | PASS    |
| Band5   | 3MHz      | QPSK       | 20525   | 15RB#0       | VH            | NT               | 3.49           | 0.004172        | ±2.5        | PASS    |
| Band5   | 3MHz      | 16QAM      | 20525   | 15RB#0       | VN            | NT               | 2.78           | 0.003323        | ±2.5        | PASS    |
| Band5   | 3MHz      | 16QAM      | 20525   | 15RB#0       | VL            | NT               | 3.38           | 0.004041        | ±2.5        | PASS    |
| Band5   | 3MHz      | 16QAM      | 20525   | 15RB#0       | VH            | NT               | 1.83           | 0.002188        | ±2.5        | PASS    |
| Band5   | 3MHz      | QPSK       | 20635   | 15RB#0       | VN            | NT               | -3.18          | -0.003752       | ±2.5        | PASS    |
| Band5   | 3MHz      | QPSK       | 20635   | 15RB#0       | VL            | NT               | 2.72           | 0.003209        | ±2.5        | PASS    |
| Band5   | 3MHz      | QPSK       | 20635   | 15RB#0       | VH            | NT               | 2.83           | 0.003339        | ±2.5        | PASS    |
| Band5   | 3MHz      | 16QAM      | 20635   | 15RB#0       | VN            | NT               | 1.66           | 0.001959        | ±2.5        | PASS    |
| Band5   | 3MHz      | 16QAM      | 20635   | 15RB#0       | VL            | NT               | 3.12           | 0.003681        | ±2.5        | PASS    |

|       |       |       |       |        |    |    |       |           |      |      |
|-------|-------|-------|-------|--------|----|----|-------|-----------|------|------|
| Band5 | 3MHz  | 16QAM | 20635 | 15RB#0 | VH | NT | -2.36 | -0.002785 | ±2.5 | PASS |
| Band5 | 5MHz  | QPSK  | 20425 | 25RB#0 | VN | NT | -1.47 | -0.001779 | ±2.5 | PASS |
| Band5 | 5MHz  | QPSK  | 20425 | 25RB#0 | VL | NT | 1.89  | 0.002287  | ±2.5 | PASS |
| Band5 | 5MHz  | QPSK  | 20425 | 25RB#0 | VH | NT | 3.23  | 0.003908  | ±2.5 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 25RB#0 | VN | NT | 2.57  | 0.003109  | ±2.5 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 25RB#0 | VL | NT | 3.86  | 0.004670  | ±2.5 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 25RB#0 | VH | NT | 4.25  | 0.005142  | ±2.5 | PASS |
| Band5 | 5MHz  | QPSK  | 20525 | 25RB#0 | VN | NT | -1.60 | -0.001913 | ±2.5 | PASS |
| Band5 | 5MHz  | QPSK  | 20525 | 25RB#0 | VL | NT | 1.92  | 0.002295  | ±2.5 | PASS |
| Band5 | 5MHz  | QPSK  | 20525 | 25RB#0 | VH | NT | 3.13  | 0.003742  | ±2.5 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 25RB#0 | VN | NT | 15.68 | 0.018745  | ±2.5 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 25RB#0 | VL | NT | -3.25 | -0.003885 | ±2.5 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 25RB#0 | VH | NT | 3.86  | 0.004614  | ±2.5 | PASS |
| Band5 | 5MHz  | QPSK  | 20625 | 25RB#0 | VN | NT | -1.42 | -0.001677 | ±2.5 | PASS |
| Band5 | 5MHz  | QPSK  | 20625 | 25RB#0 | VL | NT | 4.95  | 0.005848  | ±2.5 | PASS |
| Band5 | 5MHz  | QPSK  | 20625 | 25RB#0 | VH | NT | 3.38  | 0.003993  | ±2.5 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 25RB#0 | VN | NT | 4.94  | 0.005836  | ±2.5 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 25RB#0 | VL | NT | 5.15  | 0.006084  | ±2.5 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 25RB#0 | VH | NT | 4.84  | 0.005718  | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 50RB#0 | VN | NT | 24.66 | 0.029747  | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 50RB#0 | VL | NT | 1.67  | 0.002014  | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 50RB#0 | VH | NT | 2.83  | 0.003414  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | VN | NT | 2.82  | 0.003402  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | VL | NT | 1.20  | 0.001448  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | VH | NT | 2.78  | 0.003353  | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 50RB#0 | VN | NT | 3.20  | 0.003825  | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 50RB#0 | VL | NT | 3.58  | 0.004280  | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 50RB#0 | VH | NT | 2.07  | 0.002475  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | VN | NT | -1.53 | -0.001829 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | VL | NT | 2.12  | 0.002534  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | VH | NT | 2.50  | 0.002989  | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 50RB#0 | VN | NT | -3.08 | -0.003649 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 50RB#0 | VL | NT | 2.62  | 0.003104  | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 50RB#0 | VH | NT | 2.26  | 0.002678  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | VN | NT | 1.54  | 0.001825  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | VL | NT | 3.79  | 0.004491  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | VH | NT | -1.76 | -0.002085 | ±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 | -6.04  | -0.007324 | ±2.5 | PASS |
| Band5 | 1.4MHz | QPSK  | 20407 | 6RB#0 | NV | -20 | -3.22  | -0.003904 | ±2.5 | PASS |
| Band5 | 1.4MHz | QPSK  | 20407 | 6RB#0 | NV | -10 | -6.42  | -0.007785 | ±2.5 | PASS |
| Band5 | 1.4MHz | QPSK  | 20407 | 6RB#0 | NV | 0   | -4.89  | -0.005929 | ±2.5 | PASS |
| Band5 | 1.4MHz | QPSK  | 20407 | 6RB#0 | NV | 10  | -4.51  | -0.005469 | ±2.5 | PASS |
| Band5 | 1.4MHz | QPSK  | 20407 | 6RB#0 | NV | 20  | -3.13  | -0.003795 | ±2.5 | PASS |
| Band5 | 1.4MHz | QPSK  | 20407 | 6RB#0 | NV | 30  | -24.63 | -0.029865 | ±2.5 | PASS |
| Band5 | 1.4MHz | QPSK  | 20407 | 6RB#0 | NV | 40  | -2.88  | -0.003492 | ±2.5 | PASS |
| Band5 | 1.4MHz | QPSK  | 20407 | 6RB#0 | NV | 50  | -2.23  | -0.002704 | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 6RB#0 | NV | -30 | -4.12  | -0.004996 | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 6RB#0 | NV | -20 | -4.55  | -0.005517 | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 6RB#0 | NV | -10 | -5.38  | -0.006524 | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 6RB#0 | NV | 0   | -3.72  | -0.004511 | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 6RB#0 | NV | 10  | -3.42  | -0.004147 | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 6RB#0 | NV | 20  | 3.08   | 0.003735  | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 6RB#0 | NV | 30  | -3.30  | -0.004001 | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 6RB#0 | NV | 40  | -5.44  | -0.006596 | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 6RB#0 | NV | 50  | -4.63  | -0.005614 | ±2.5 | PASS |
| Band5 | 1.4MHz | QPSK  | 20525 | 6RB#0 | NV | -30 | -7.00  | -0.008368 | ±2.5 | PASS |
| Band5 | 1.4MHz | QPSK  | 20525 | 6RB#0 | NV | -20 | -6.34  | -0.007579 | ±2.5 | PASS |
| Band5 | 1.4MHz | QPSK  | 20525 | 6RB#0 | NV | -10 | -5.28  | -0.006312 | ±2.5 | PASS |
| Band5 | 1.4MHz | QPSK  | 20525 | 6RB#0 | NV | 0   | -3.15  | -0.003766 | ±2.5 | PASS |
| Band5 | 1.4MHz | QPSK  | 20525 | 6RB#0 | NV | 10  | -2.80  | -0.003347 | ±2.5 | PASS |
| Band5 | 1.4MHz | QPSK  | 20525 | 6RB#0 | NV | 20  | -2.70  | -0.003228 | ±2.5 | PASS |
| Band5 | 1.4MHz | QPSK  | 20525 | 6RB#0 | NV | 30  | -2.73  | -0.003264 | ±2.5 | PASS |
| Band5 | 1.4MHz | QPSK  | 20525 | 6RB#0 | NV | 40  | -3.28  | -0.003921 | ±2.5 | PASS |
| Band5 | 1.4MHz | QPSK  | 20525 | 6RB#0 | NV | 50  | -3.82  | -0.004567 | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 6RB#0 | NV | -30 | -2.10  | -0.002510 | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 6RB#0 | NV | -20 | -3.88  | -0.004638 | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 6RB#0 | NV | -10 | -3.63  | -0.004340 | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 6RB#0 | NV | 0   | -3.09  | -0.003694 | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 6RB#0 | NV | 10  | 23.37  | 0.027938  | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 6RB#0 | NV | 20  | -3.50  | -0.004184 | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 6RB#0 | NV | 30  | -5.01  | -0.005989 | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 6RB#0 | NV | 40  | -5.49  | -0.006563 | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 6RB#0 | NV | 50  | -3.10  | -0.003706 | ±2.5 | PASS |
| Band5 | 1.4MHz | QPSK  | 20643 | 6RB#0 | NV | -30 | -4.99  | -0.005882 | ±2.5 | PASS |
| Band5 | 1.4MHz | QPSK  | 20643 | 6RB#0 | NV | -20 | -3.50  | -0.004126 | ±2.5 | PASS |
| Band5 | 1.4MHz | QPSK  | 20643 | 6RB#0 | NV | -10 | -4.82  | -0.005682 | ±2.5 | PASS |
| Band5 | 1.4MHz | QPSK  | 20643 | 6RB#0 | NV | 0   | -5.31  | -0.006260 | ±2.5 | PASS |
| Band5 | 1.4MHz | QPSK  | 20643 | 6RB#0 | NV | 10  | -4.82  | -0.005682 | ±2.5 | PASS |

|       |        |       |       |        |    |     |       |           |      |      |
|-------|--------|-------|-------|--------|----|-----|-------|-----------|------|------|
| Band5 | 1.4MHz | QPSK  | 20643 | 6RB#0  | NV | 20  | -4.42 | -0.005210 | ±2.5 | PASS |
| Band5 | 1.4MHz | QPSK  | 20643 | 6RB#0  | NV | 30  | -3.85 | -0.004538 | ±2.5 | PASS |
| Band5 | 1.4MHz | QPSK  | 20643 | 6RB#0  | NV | 40  | -4.91 | -0.005788 | ±2.5 | PASS |
| Band5 | 1.4MHz | QPSK  | 20643 | 6RB#0  | NV | 50  | -3.96 | -0.004668 | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 6RB#0  | NV | -30 | -3.38 | -0.003984 | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 6RB#0  | NV | -20 | -1.82 | -0.002145 | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 6RB#0  | NV | -10 | -3.82 | -0.004503 | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 6RB#0  | NV | 0   | -3.36 | -0.003961 | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 6RB#0  | NV | 10  | -2.25 | -0.002652 | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 6RB#0  | NV | 20  | 1.82  | 0.002145  | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 6RB#0  | NV | 30  | -1.54 | -0.001815 | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 6RB#0  | NV | 40  | -4.58 | -0.005399 | ±2.5 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 6RB#0  | NV | 50  | -4.45 | -0.005246 | ±2.5 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 15RB#0 | NV | -30 | 2.05  | 0.002483  | ±2.5 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 15RB#0 | NV | -20 | 3.15  | 0.003816  | ±2.5 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 15RB#0 | NV | -10 | 3.46  | 0.004191  | ±2.5 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 15RB#0 | NV | 0   | 2.85  | 0.003452  | ±2.5 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 15RB#0 | NV | 10  | 4.46  | 0.005403  | ±2.5 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 15RB#0 | NV | 20  | 3.08  | 0.003731  | ±2.5 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 15RB#0 | NV | 30  | 4.41  | 0.005342  | ±2.5 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 15RB#0 | NV | 40  | 4.78  | 0.005790  | ±2.5 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 15RB#0 | NV | 50  | 4.88  | 0.005912  | ±2.5 | PASS |
| Band5 | 3MHz   | 16QAM | 20415 | 15RB#0 | NV | -30 | 3.98  | 0.004821  | ±2.5 | PASS |
| Band5 | 3MHz   | 16QAM | 20415 | 15RB#0 | NV | -20 | 6.47  | 0.007838  | ±2.5 | PASS |
| Band5 | 3MHz   | 16QAM | 20415 | 15RB#0 | NV | -10 | 6.02  | 0.007293  | ±2.5 | PASS |
| Band5 | 3MHz   | 16QAM | 20415 | 15RB#0 | NV | 0   | 4.52  | 0.005475  | ±2.5 | PASS |
| Band5 | 3MHz   | 16QAM | 20415 | 15RB#0 | NV | 10  | 5.52  | 0.006687  | ±2.5 | PASS |
| Band5 | 3MHz   | 16QAM | 20415 | 15RB#0 | NV | 20  | 5.35  | 0.006481  | ±2.5 | PASS |
| Band5 | 3MHz   | 16QAM | 20415 | 15RB#0 | NV | 30  | 2.96  | 0.003586  | ±2.5 | PASS |
| Band5 | 3MHz   | 16QAM | 20415 | 15RB#0 | NV | 40  | 4.88  | 0.005912  | ±2.5 | PASS |
| Band5 | 3MHz   | 16QAM | 20415 | 15RB#0 | NV | 50  | 2.27  | 0.002750  | ±2.5 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 15RB#0 | NV | -30 | 3.96  | 0.004734  | ±2.5 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 15RB#0 | NV | -20 | 2.88  | 0.003443  | ±2.5 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 15RB#0 | NV | -10 | 2.09  | 0.002499  | ±2.5 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 15RB#0 | NV | 0   | 2.32  | 0.002773  | ±2.5 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 15RB#0 | NV | 10  | 2.06  | 0.002463  | ±2.5 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 15RB#0 | NV | 20  | 2.06  | 0.002463  | ±2.5 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 15RB#0 | NV | 30  | -3.03 | -0.003622 | ±2.5 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 15RB#0 | NV | 40  | 4.38  | 0.005236  | ±2.5 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 15RB#0 | NV | 50  | 4.01  | 0.004794  | ±2.5 | PASS |
| Band5 | 3MHz   | 16QAM | 20525 | 15RB#0 | NV | -30 | 3.60  | 0.004304  | ±2.5 | PASS |

|       |      |       |       |        |    |     |       |           |      |      |
|-------|------|-------|-------|--------|----|-----|-------|-----------|------|------|
| Band5 | 3MHz | 16QAM | 20525 | 15RB#0 | NV | -20 | 1.83  | 0.002188  | ±2.5 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 15RB#0 | NV | -10 | 2.47  | 0.002953  | ±2.5 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 15RB#0 | NV | 0   | 1.72  | 0.002056  | ±2.5 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 15RB#0 | NV | 10  | -3.39 | -0.004053 | ±2.5 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 15RB#0 | NV | 20  | 2.70  | 0.003228  | ±2.5 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 15RB#0 | NV | 30  | 2.40  | 0.002869  | ±2.5 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 15RB#0 | NV | 40  | 3.82  | 0.004567  | ±2.5 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 15RB#0 | NV | 50  | 2.57  | 0.003072  | ±2.5 | PASS |
| Band5 | 3MHz | QPSK  | 20635 | 15RB#0 | NV | -30 | 4.02  | 0.004743  | ±2.5 | PASS |
| Band5 | 3MHz | QPSK  | 20635 | 15RB#0 | NV | -20 | -4.02 | -0.004743 | ±2.5 | PASS |
| Band5 | 3MHz | QPSK  | 20635 | 15RB#0 | NV | -10 | -2.50 | -0.002950 | ±2.5 | PASS |
| Band5 | 3MHz | QPSK  | 20635 | 15RB#0 | NV | 0   | 1.80  | 0.002124  | ±2.5 | PASS |
| Band5 | 3MHz | QPSK  | 20635 | 15RB#0 | NV | 10  | 2.46  | 0.002903  | ±2.5 | PASS |
| Band5 | 3MHz | QPSK  | 20635 | 15RB#0 | NV | 20  | -1.63 | -0.001923 | ±2.5 | PASS |
| Band5 | 3MHz | QPSK  | 20635 | 15RB#0 | NV | 30  | -2.59 | -0.003056 | ±2.5 | PASS |
| Band5 | 3MHz | QPSK  | 20635 | 15RB#0 | NV | 40  | 2.22  | 0.002619  | ±2.5 | PASS |
| Band5 | 3MHz | QPSK  | 20635 | 15RB#0 | NV | 50  | 2.30  | 0.002714  | ±2.5 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 15RB#0 | NV | -30 | -2.90 | -0.003422 | ±2.5 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 15RB#0 | NV | -20 | 1.90  | 0.002242  | ±2.5 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 15RB#0 | NV | -10 | 2.22  | 0.002619  | ±2.5 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 15RB#0 | NV | 0   | -2.56 | -0.003021 | ±2.5 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 15RB#0 | NV | 10  | -1.29 | -0.001522 | ±2.5 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 15RB#0 | NV | 20  | 2.86  | 0.003375  | ±2.5 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 15RB#0 | NV | 30  | 2.76  | 0.003257  | ±2.5 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 15RB#0 | NV | 40  | -2.07 | -0.002442 | ±2.5 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 15RB#0 | NV | 50  | -2.13 | -0.002513 | ±2.5 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 25RB#0 | NV | -30 | 1.82  | 0.002202  | ±2.5 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 25RB#0 | NV | -20 | 2.96  | 0.003581  | ±2.5 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 25RB#0 | NV | -10 | 3.63  | 0.004392  | ±2.5 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 25RB#0 | NV | 0   | 3.09  | 0.003739  | ±2.5 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 25RB#0 | NV | 10  | 2.53  | 0.003061  | ±2.5 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 25RB#0 | NV | 20  | 3.03  | 0.003666  | ±2.5 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 25RB#0 | NV | 30  | 2.30  | 0.002783  | ±2.5 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 25RB#0 | NV | 40  | 2.26  | 0.002734  | ±2.5 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 25RB#0 | NV | 50  | 3.73  | 0.004513  | ±2.5 | PASS |
| Band5 | 5MHz | 16QAM | 20425 | 25RB#0 | NV | -30 | 2.68  | 0.003243  | ±2.5 | PASS |
| Band5 | 5MHz | 16QAM | 20425 | 25RB#0 | NV | -20 | 4.59  | 0.005554  | ±2.5 | PASS |
| Band5 | 5MHz | 16QAM | 20425 | 25RB#0 | NV | -10 | 2.95  | 0.003569  | ±2.5 | PASS |
| Band5 | 5MHz | 16QAM | 20425 | 25RB#0 | NV | 0   | 3.10  | 0.003751  | ±2.5 | PASS |
| Band5 | 5MHz | 16QAM | 20425 | 25RB#0 | NV | 10  | 4.96  | 0.006001  | ±2.5 | PASS |
| Band5 | 5MHz | 16QAM | 20425 | 25RB#0 | NV | 20  | 3.83  | 0.004634  | ±2.5 | PASS |

|       |       |       |       |        |    |     |       |           |      |      |
|-------|-------|-------|-------|--------|----|-----|-------|-----------|------|------|
| Band5 | 5MHz  | 16QAM | 20425 | 25RB#0 | NV | 30  | 2.68  | 0.003243  | ±2.5 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 25RB#0 | NV | 40  | 2.43  | 0.002940  | ±2.5 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 25RB#0 | NV | 50  | 2.79  | 0.003376  | ±2.5 | PASS |
| Band5 | 5MHz  | QPSK  | 20525 | 25RB#0 | NV | -30 | 2.49  | 0.002977  | ±2.5 | PASS |
| Band5 | 5MHz  | QPSK  | 20525 | 25RB#0 | NV | -20 | -1.62 | -0.001937 | ±2.5 | PASS |
| Band5 | 5MHz  | QPSK  | 20525 | 25RB#0 | NV | -10 | 1.37  | 0.001638  | ±2.5 | PASS |
| Band5 | 5MHz  | QPSK  | 20525 | 25RB#0 | NV | 0   | -1.76 | -0.002104 | ±2.5 | PASS |
| Band5 | 5MHz  | QPSK  | 20525 | 25RB#0 | NV | 10  | -1.50 | -0.001793 | ±2.5 | PASS |
| Band5 | 5MHz  | QPSK  | 20525 | 25RB#0 | NV | 20  | -1.53 | -0.001829 | ±2.5 | PASS |
| Band5 | 5MHz  | QPSK  | 20525 | 25RB#0 | NV | 30  | 3.88  | 0.004638  | ±2.5 | PASS |
| Band5 | 5MHz  | QPSK  | 20525 | 25RB#0 | NV | 40  | -1.79 | -0.002140 | ±2.5 | PASS |
| Band5 | 5MHz  | QPSK  | 20525 | 25RB#0 | NV | 50  | 1.72  | 0.002056  | ±2.5 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 25RB#0 | NV | -30 | 2.43  | 0.002905  | ±2.5 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 25RB#0 | NV | -20 | -2.37 | -0.002833 | ±2.5 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 25RB#0 | NV | -10 | 1.70  | 0.002032  | ±2.5 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 25RB#0 | NV | 0   | 3.36  | 0.004017  | ±2.5 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 25RB#0 | NV | 10  | -2.76 | -0.003299 | ±2.5 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 25RB#0 | NV | 20  | 0.96  | 0.001148  | ±2.5 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 25RB#0 | NV | 30  | -4.32 | -0.005164 | ±2.5 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 25RB#0 | NV | 40  | 1.47  | 0.001757  | ±2.5 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 25RB#0 | NV | 50  | 2.46  | 0.002941  | ±2.5 | PASS |
| Band5 | 5MHz  | QPSK  | 20625 | 25RB#0 | NV | -30 | -2.33 | -0.002753 | ±2.5 | PASS |
| Band5 | 5MHz  | QPSK  | 20625 | 25RB#0 | NV | -20 | 1.20  | 0.001418  | ±2.5 | PASS |
| Band5 | 5MHz  | QPSK  | 20625 | 25RB#0 | NV | -10 | 4.51  | 0.005328  | ±2.5 | PASS |
| Band5 | 5MHz  | QPSK  | 20625 | 25RB#0 | NV | 0   | 3.63  | 0.004288  | ±2.5 | PASS |
| Band5 | 5MHz  | QPSK  | 20625 | 25RB#0 | NV | 10  | 3.20  | 0.003780  | ±2.5 | PASS |
| Band5 | 5MHz  | QPSK  | 20625 | 25RB#0 | NV | 20  | 3.23  | 0.003816  | ±2.5 | PASS |
| Band5 | 5MHz  | QPSK  | 20625 | 25RB#0 | NV | 30  | 3.13  | 0.003698  | ±2.5 | PASS |
| Band5 | 5MHz  | QPSK  | 20625 | 25RB#0 | NV | 40  | 3.13  | 0.003698  | ±2.5 | PASS |
| Band5 | 5MHz  | QPSK  | 20625 | 25RB#0 | NV | 50  | 3.68  | 0.004347  | ±2.5 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 25RB#0 | NV | -30 | 4.19  | 0.004950  | ±2.5 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 25RB#0 | NV | -20 | 3.28  | 0.003875  | ±2.5 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 25RB#0 | NV | -10 | 6.04  | 0.007135  | ±2.5 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 25RB#0 | NV | 0   | 4.49  | 0.005304  | ±2.5 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 25RB#0 | NV | 10  | 3.53  | 0.004170  | ±2.5 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 25RB#0 | NV | 20  | 3.06  | 0.003615  | ±2.5 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 25RB#0 | NV | 30  | 4.02  | 0.004749  | ±2.5 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 25RB#0 | NV | 40  | 3.20  | 0.003780  | ±2.5 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 25RB#0 | NV | 50  | 3.49  | 0.004123  | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 50RB#0 | NV | -30 | 2.76  | 0.003329  | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 50RB#0 | NV | -20 | 1.92  | 0.002316  | ±2.5 | PASS |

|       |       |       |       |        |    |     |        |           |      |      |
|-------|-------|-------|-------|--------|----|-----|--------|-----------|------|------|
| Band5 | 10MHz | QPSK  | 20450 | 50RB#0 | NV | -10 | 2.50   | 0.003016  | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 50RB#0 | NV | 0   | 2.89   | 0.003486  | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 50RB#0 | NV | 10  | 2.19   | 0.002642  | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 50RB#0 | NV | 20  | 2.70   | 0.003257  | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 50RB#0 | NV | 30  | 2.56   | 0.003088  | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 50RB#0 | NV | 40  | 2.50   | 0.003016  | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 50RB#0 | NV | 50  | -2.23  | -0.002690 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | -30 | 2.37   | 0.002859  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | -20 | 2.88   | 0.003474  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | -10 | 2.33   | 0.002811  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | 0   | 2.36   | 0.002847  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | 10  | 3.55   | 0.004282  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | 20  | 3.12   | 0.003764  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | 30  | 1.70   | 0.002051  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | 40  | -22.54 | -0.027189 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | 50  | 1.86   | 0.002244  | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 50RB#0 | NV | -30 | 3.03   | 0.003622  | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 50RB#0 | NV | -20 | 3.35   | 0.004005  | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 50RB#0 | NV | -10 | 1.79   | 0.002140  | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 50RB#0 | NV | 0   | 2.83   | 0.003383  | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 50RB#0 | NV | 10  | 3.46   | 0.004136  | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 50RB#0 | NV | 20  | 2.29   | 0.002738  | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 50RB#0 | NV | 30  | -2.12  | -0.002534 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 50RB#0 | NV | 40  | -2.98  | -0.003562 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 50RB#0 | NV | 50  | -1.44  | -0.001721 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | -30 | 1.73   | 0.002068  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | -20 | 2.43   | 0.002905  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | -10 | 1.66   | 0.001984  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | 0   | -2.80  | -0.003347 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | 10  | 1.37   | 0.001638  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | 20  | -2.68  | -0.003204 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | 30  | -2.85  | -0.003407 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | 40  | -3.46  | -0.004136 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | 50  | -2.27  | -0.002714 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 50RB#0 | NV | -30 | -0.99  | -0.001173 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 50RB#0 | NV | -20 | -1.49  | -0.001765 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 50RB#0 | NV | -10 | -1.95  | -0.002310 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 50RB#0 | NV | 0   | -2.73  | -0.003235 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 50RB#0 | NV | 10  | -2.49  | -0.002950 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 50RB#0 | NV | 20  | -1.44  | -0.001706 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 50RB#0 | NV | 30  | 4.21   | 0.004988  | ±2.5 | PASS |

|       |       |       |       |        |    |     |       |           |      |      |
|-------|-------|-------|-------|--------|----|-----|-------|-----------|------|------|
| Band5 | 10MHz | QPSK  | 20600 | 50RB#0 | NV | 40  | 1.69  | 0.002002  | ±2.5 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 50RB#0 | NV | 50  | 2.07  | 0.002453  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | -30 | -2.63 | -0.003116 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | -20 | 2.93  | 0.003472  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | -10 | -1.80 | -0.002133 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | 0   | -1.99 | -0.002358 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | 10  | 2.15  | 0.002547  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | 20  | 1.73  | 0.002050  | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | 30  | -1.83 | -0.002168 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | 40  | -2.06 | -0.002441 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | 50  | -0.89 | -0.001055 | ±2.5 | PASS |