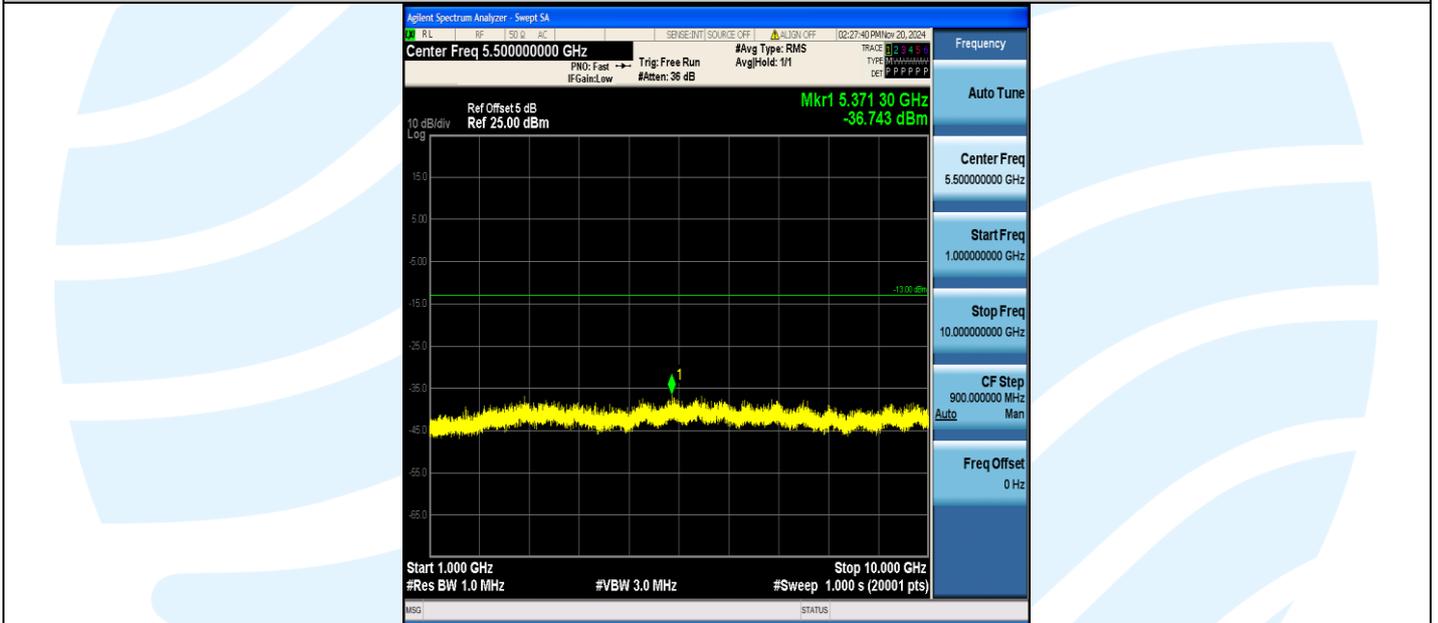
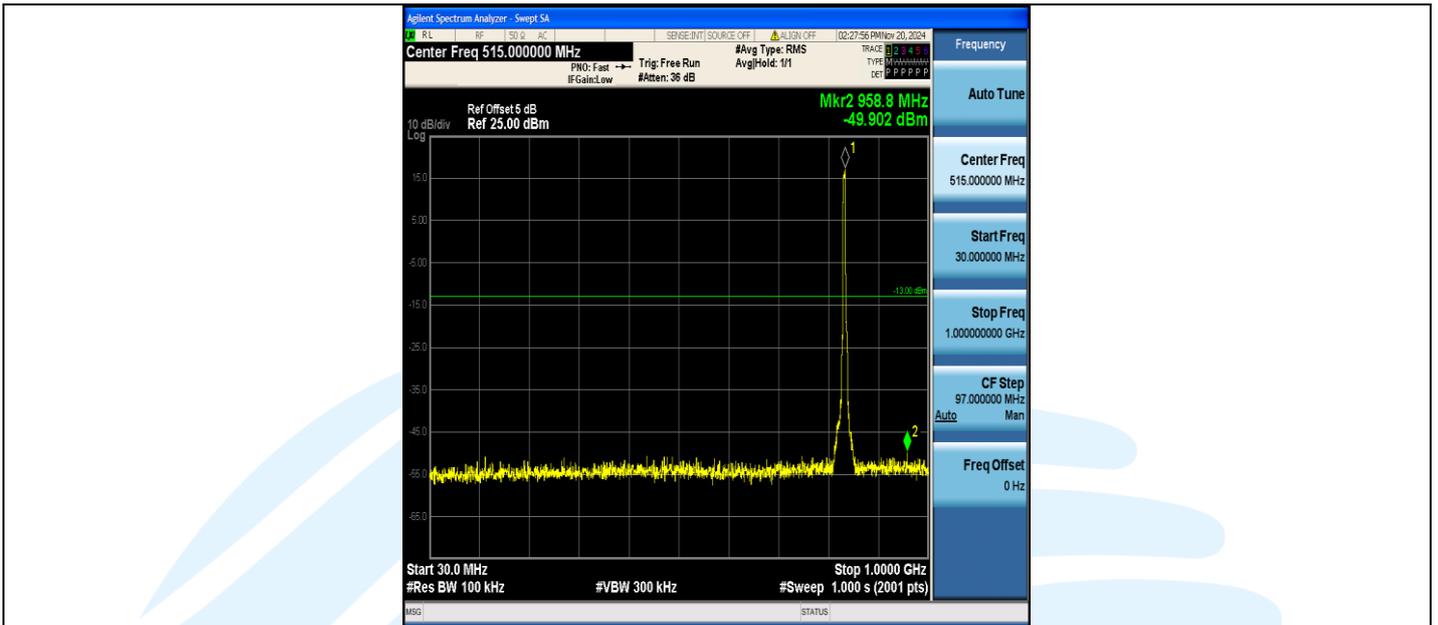


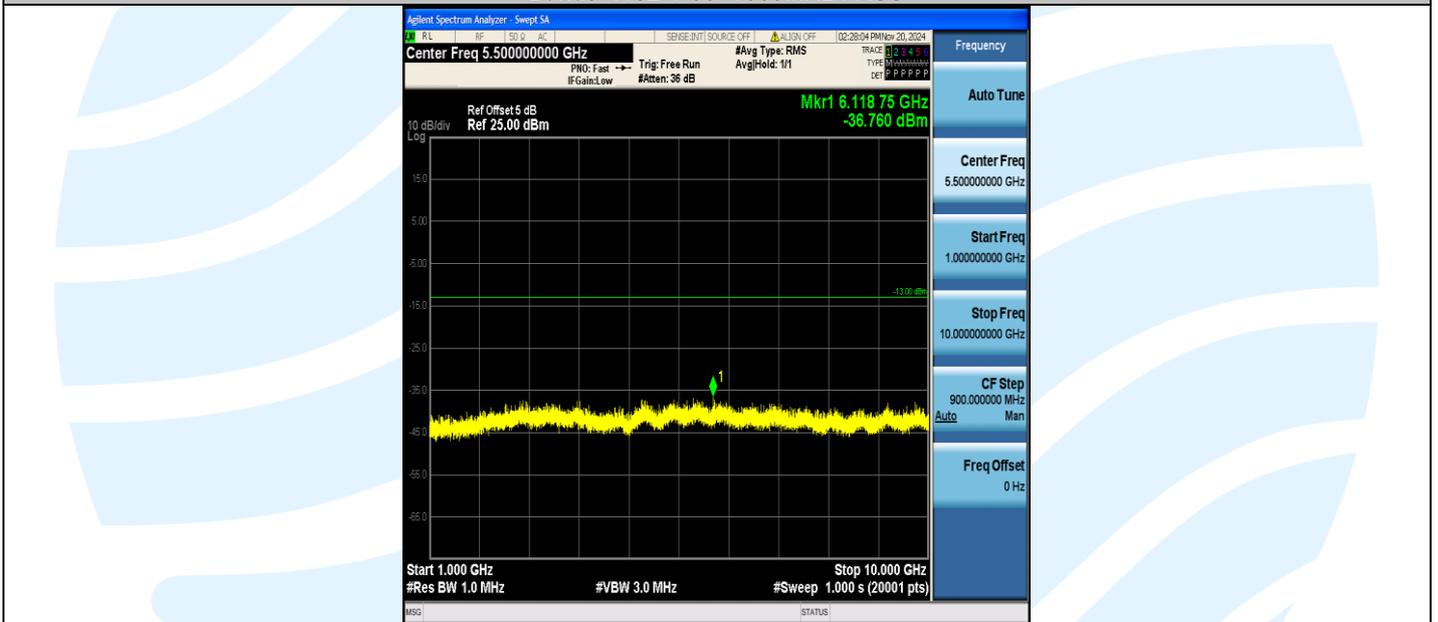
Band5-4132-1-30~1000MHz-PASS



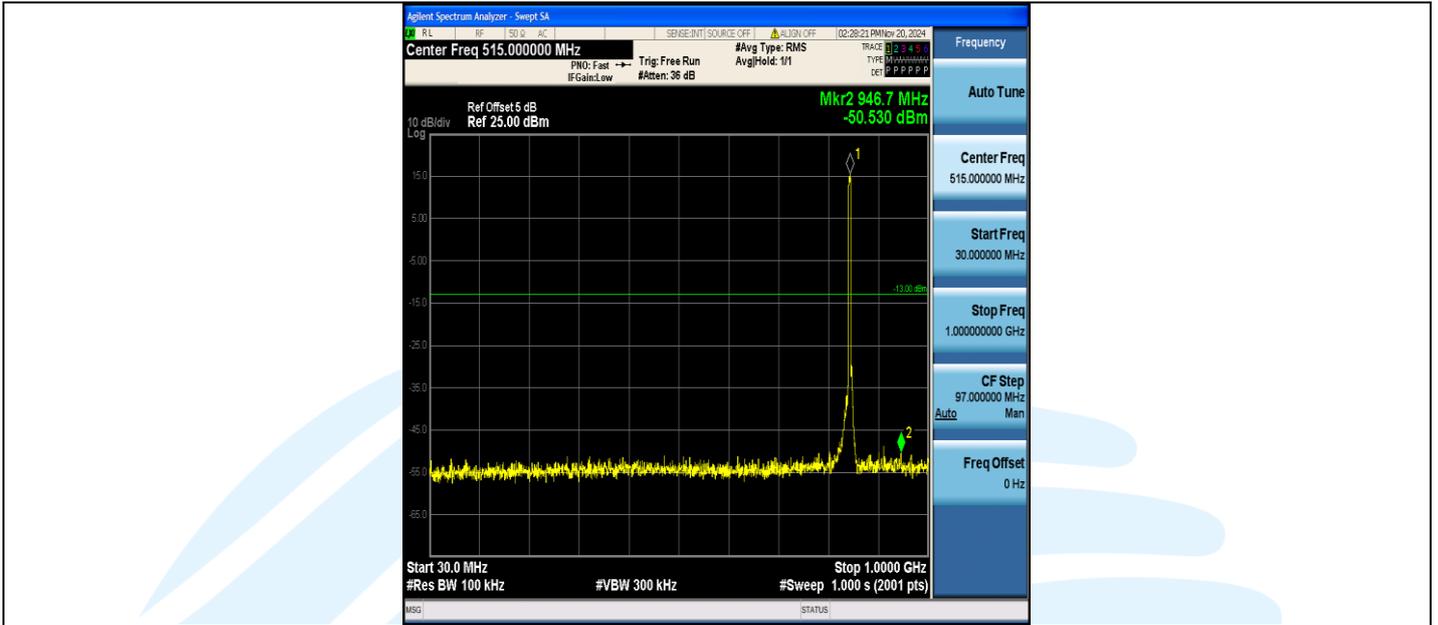
Band5-4132-1-1000~10000MHz-PASS



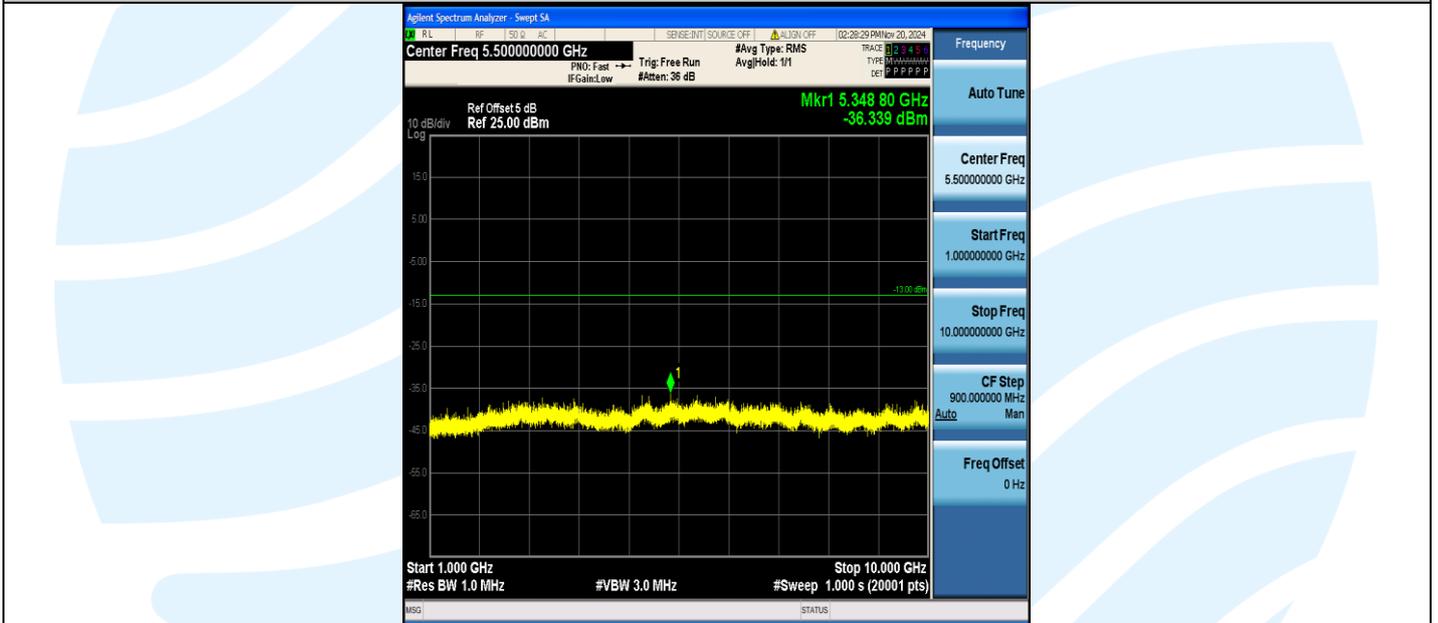
Band5-4182-1-30~1000MHz-PASS



Band5-4182-1-1000~10000MHz-PASS

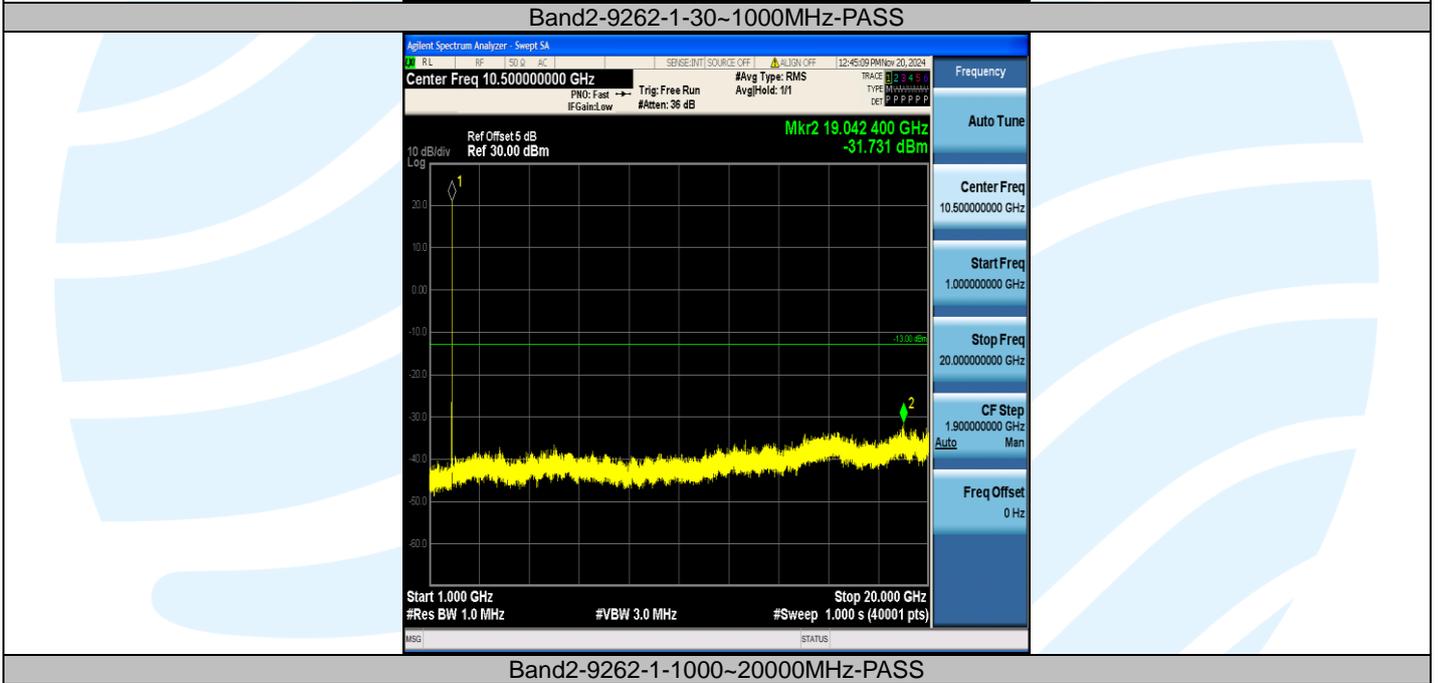
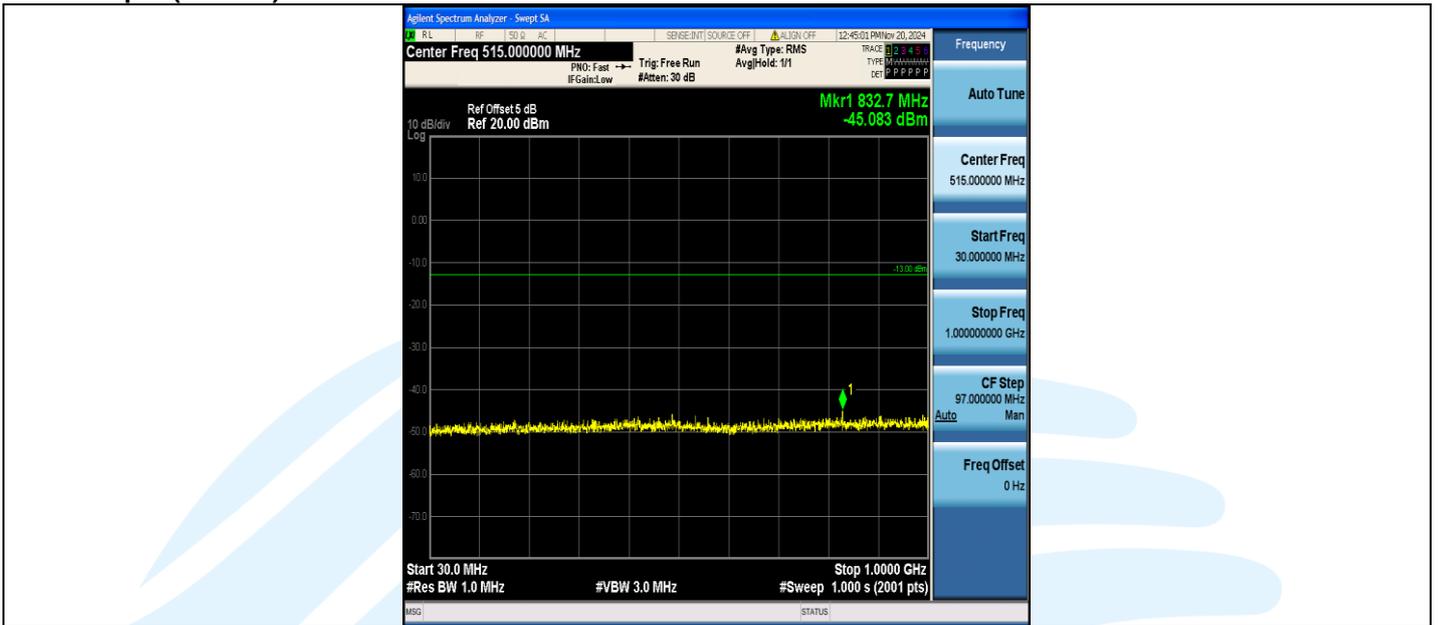


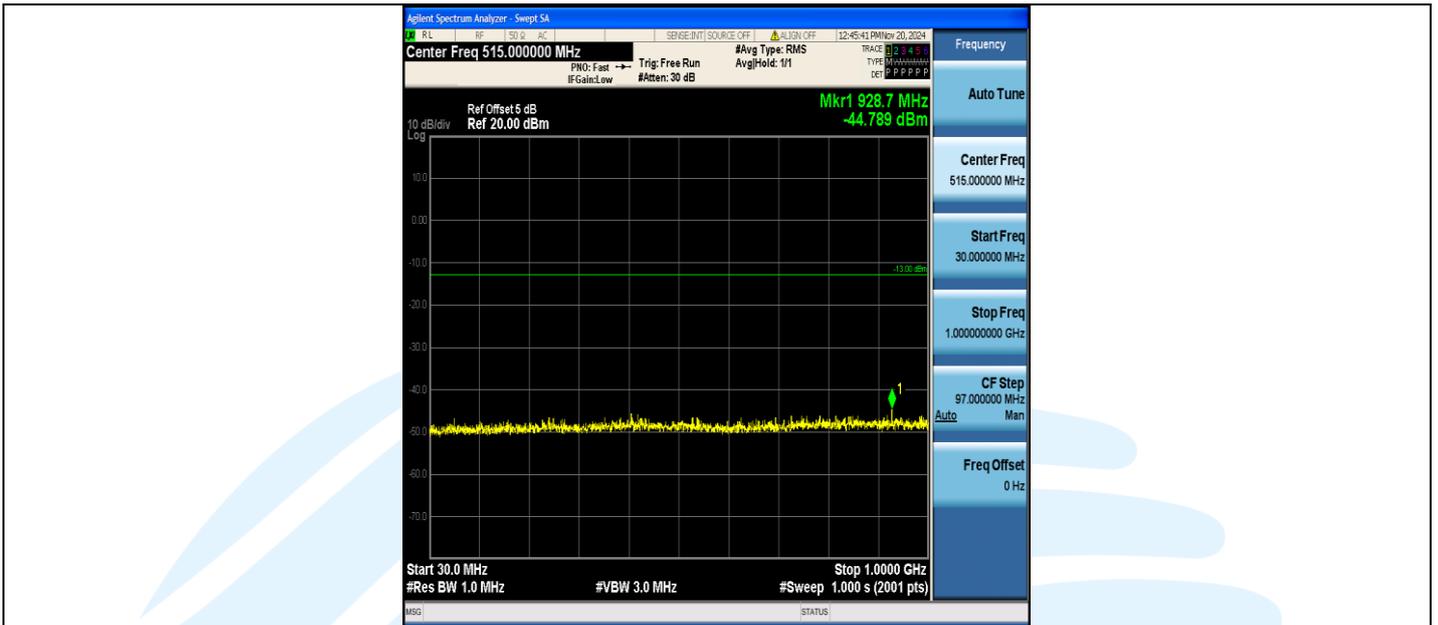
Band5-4233-1-30~1000MHz-PASS



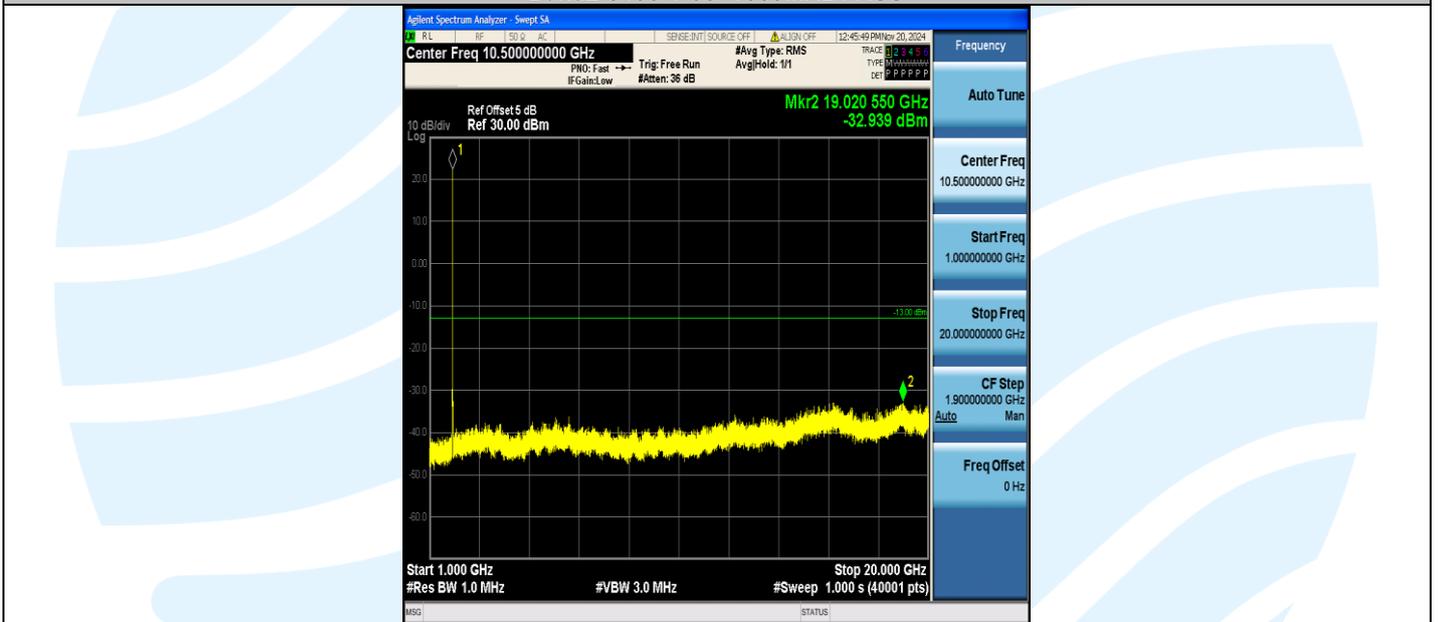
Band5-4233-1-1000~10000MHz-PASS

Test Graphs(HSUPA)

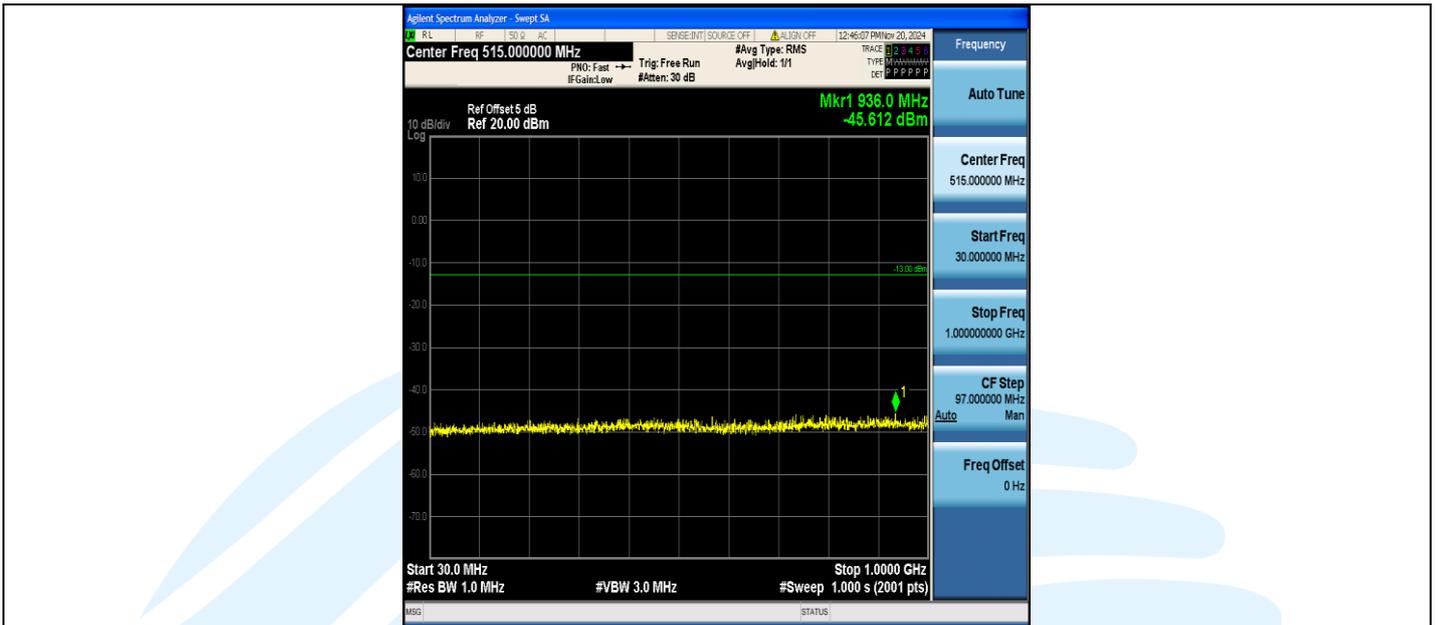




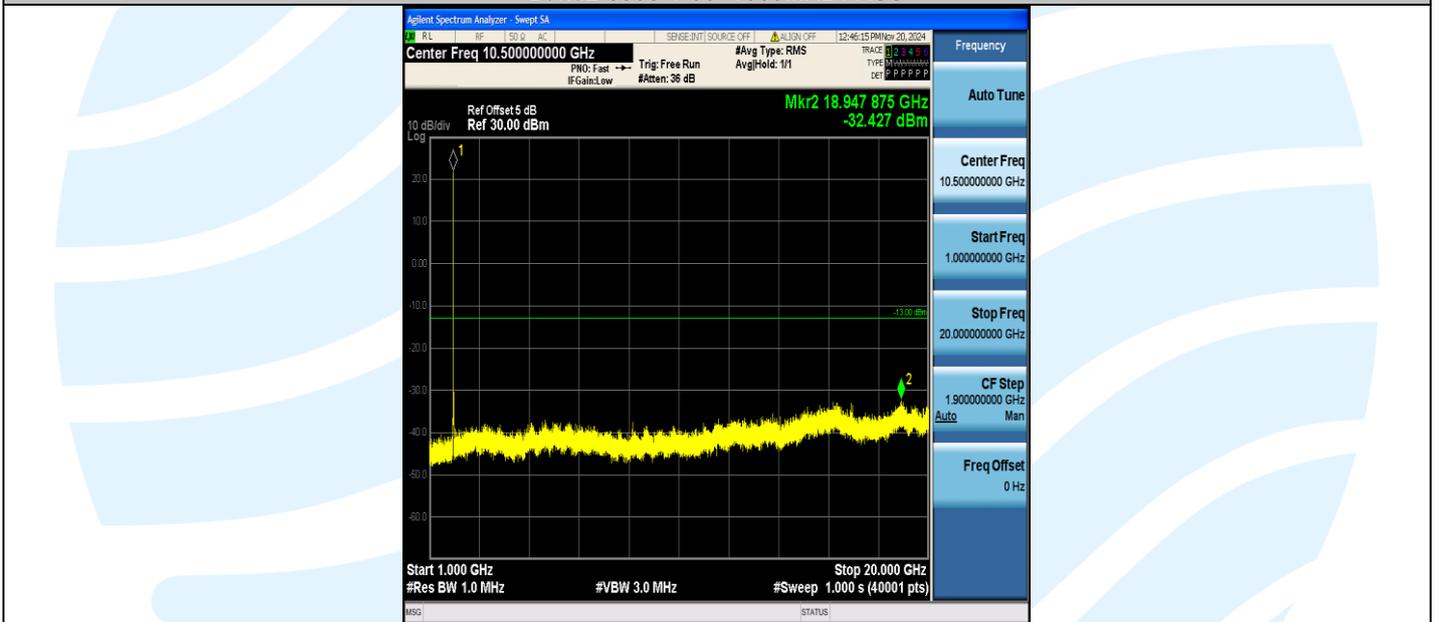
Band2-9400-1-30~1000MHz-PASS



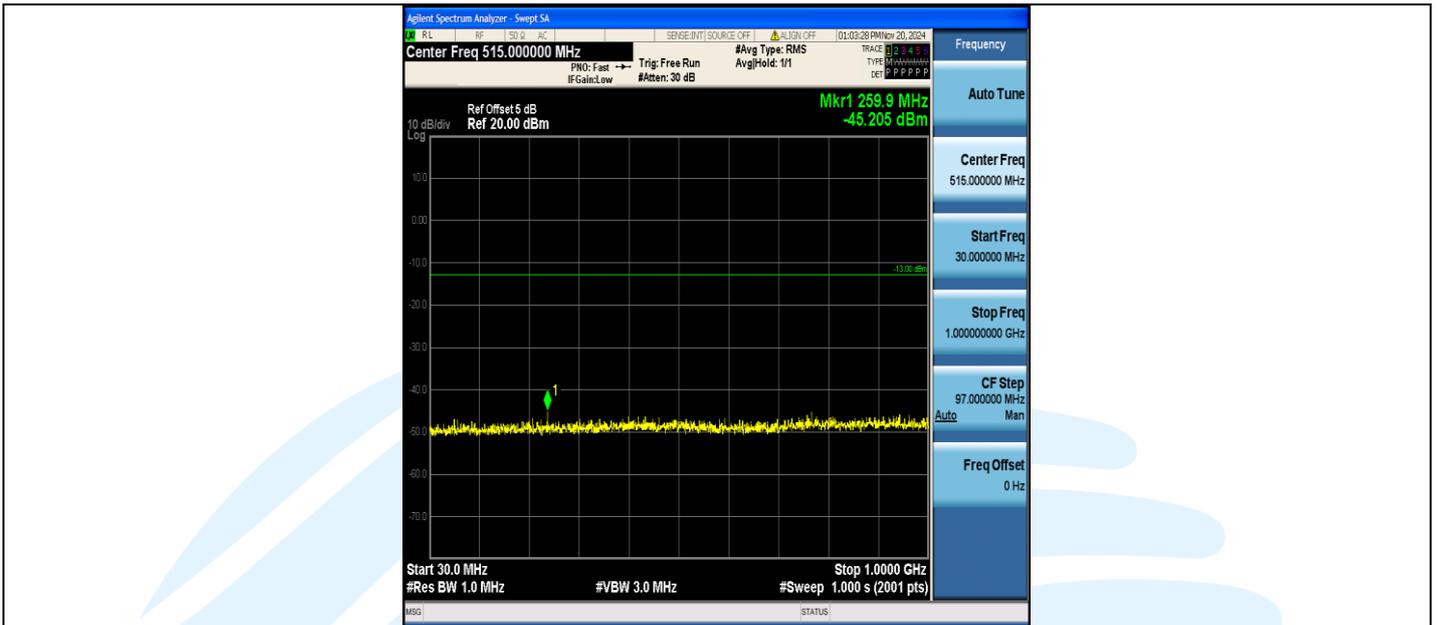
Band2-9400-1-1000~20000MHz-PASS



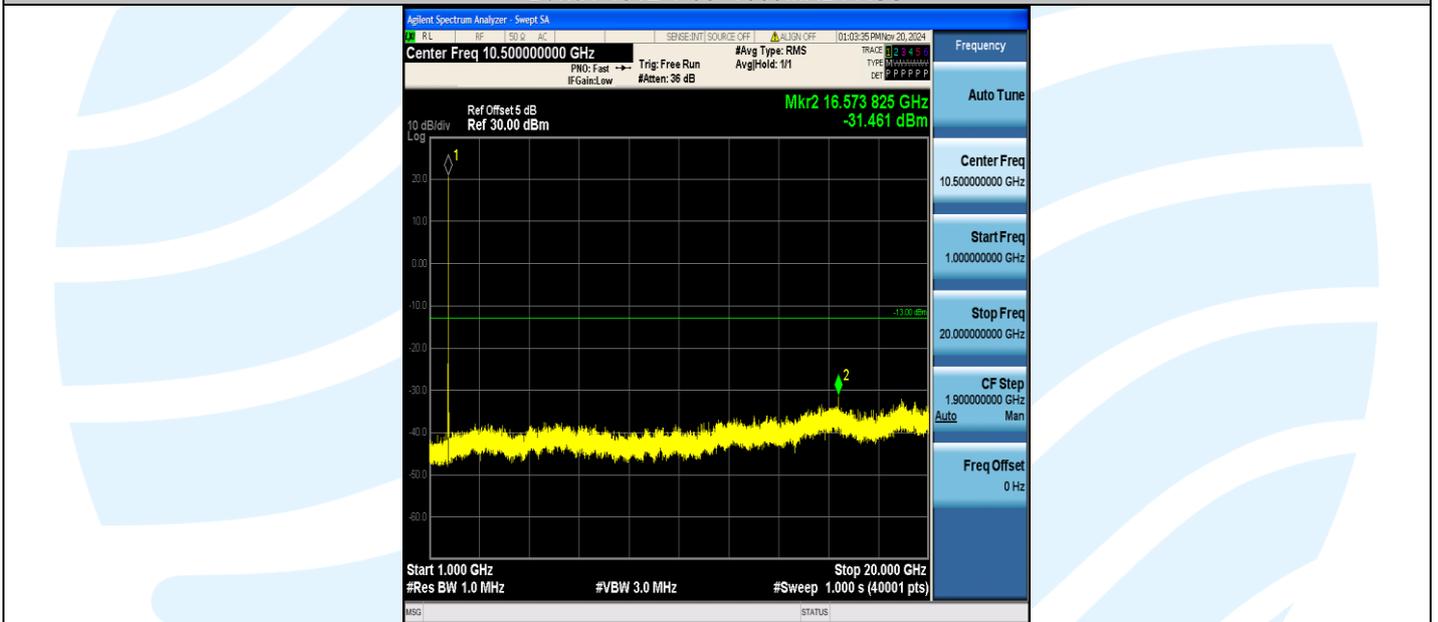
Band2-9538-1-30~1000MHz-PASS



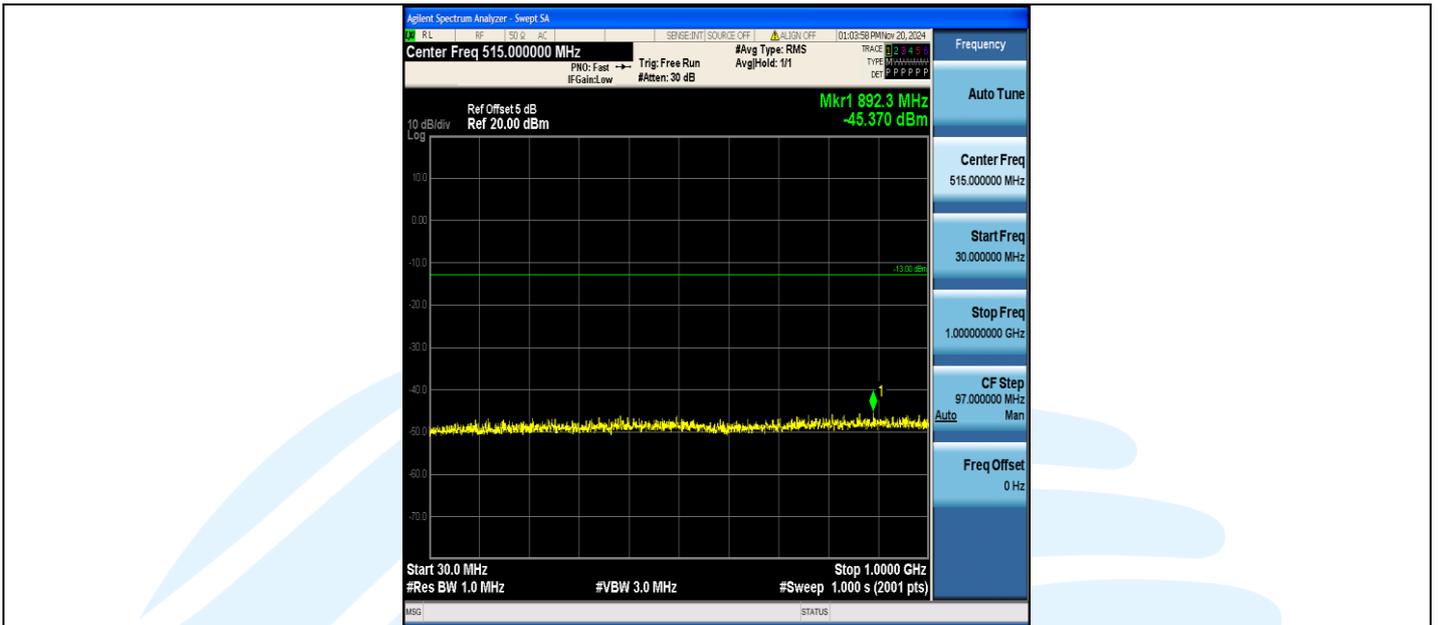
Band2-9538-1-1000~20000MHz-PASS



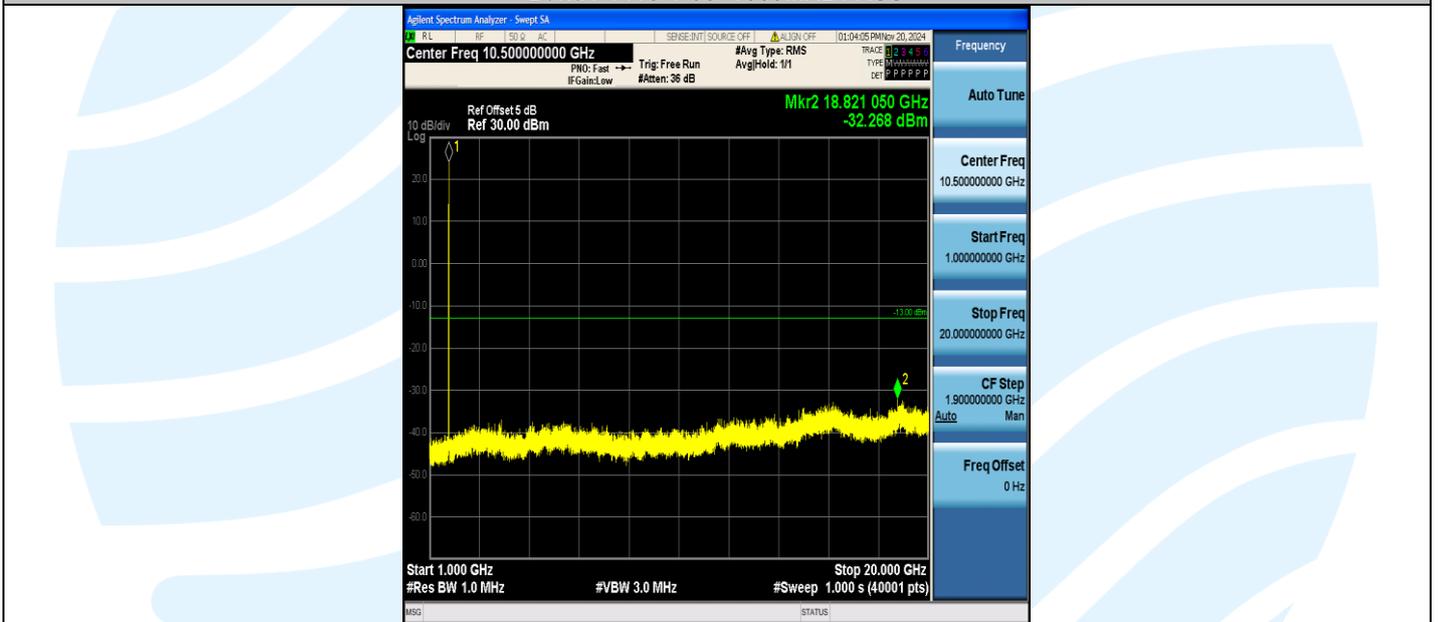
Band4-1312-1-30~1000MHz-PASS



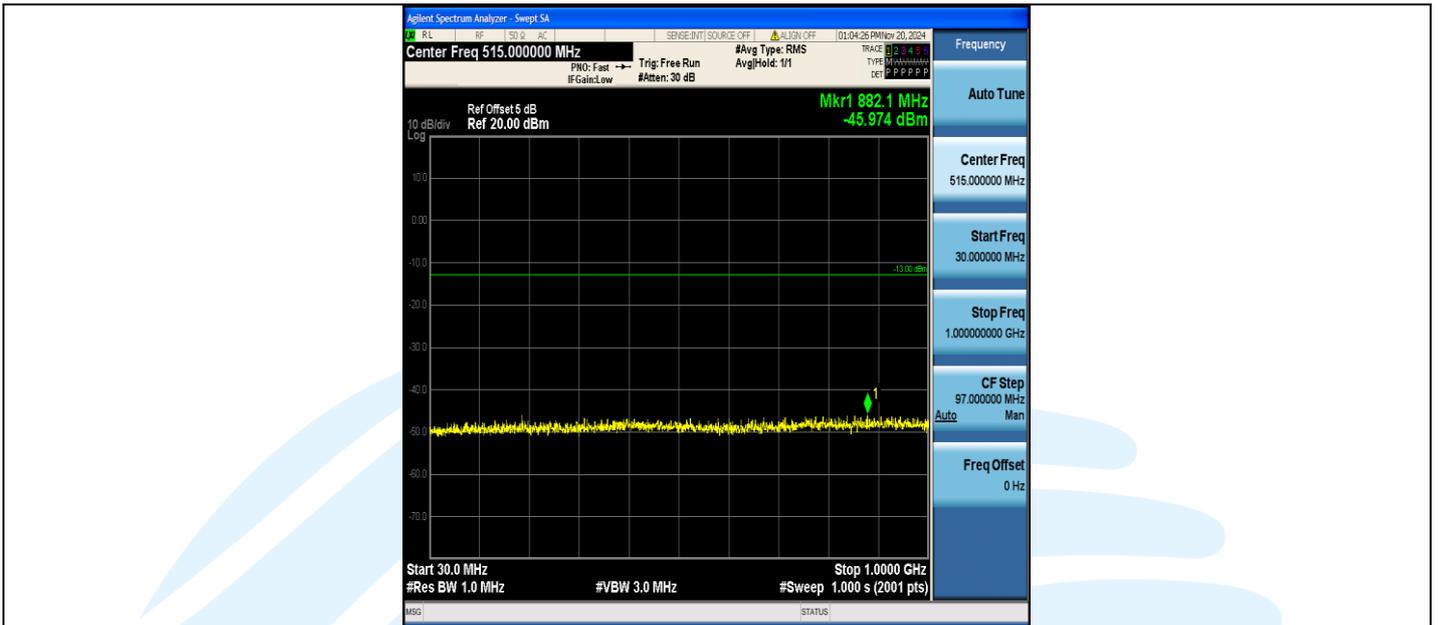
Band4-1312-1-1000~20000MHz-PASS



Band4-1413-1-30~1000MHz-PASS



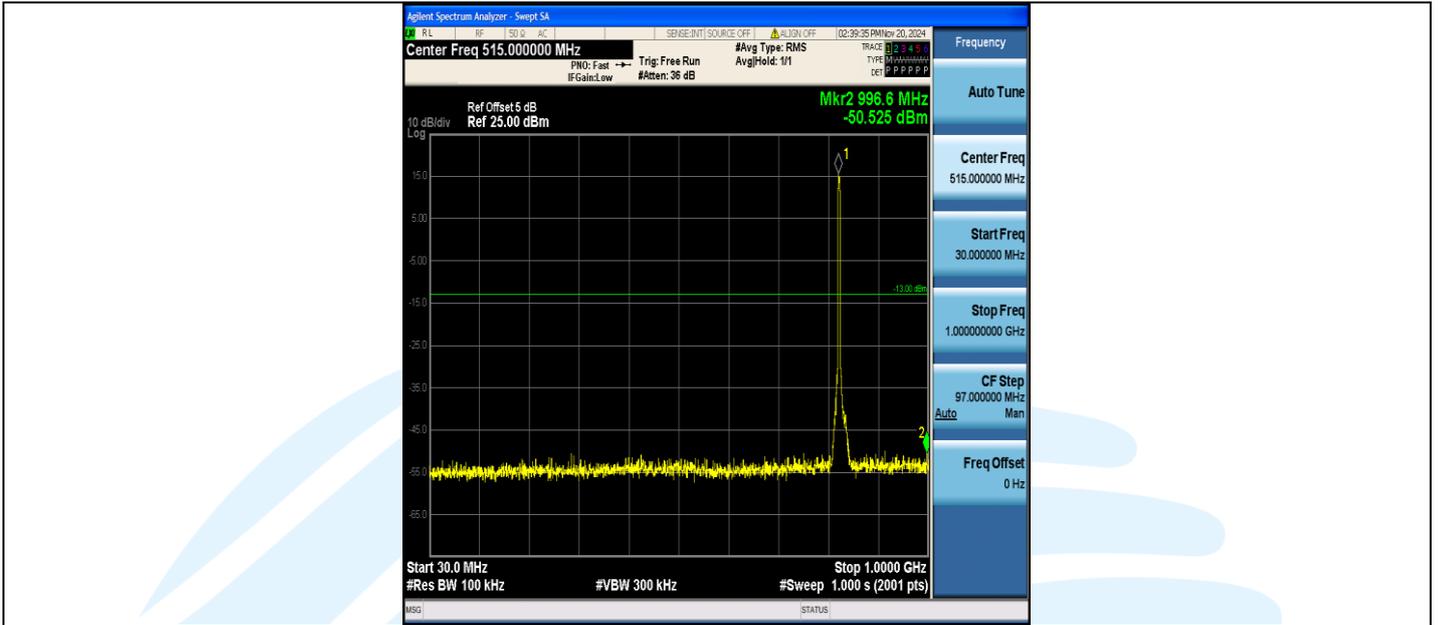
Band4-1413-1-1000~20000MHz-PASS



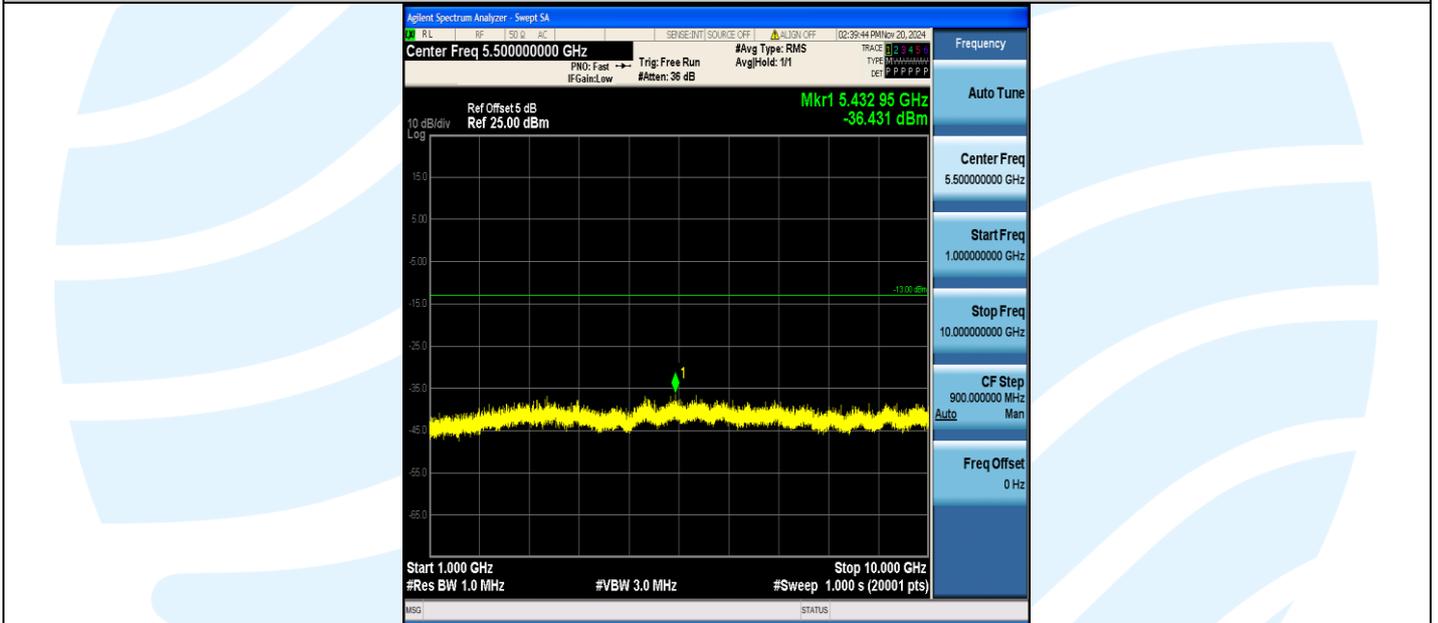
Band4-1513-1-30~1000MHz-PASS



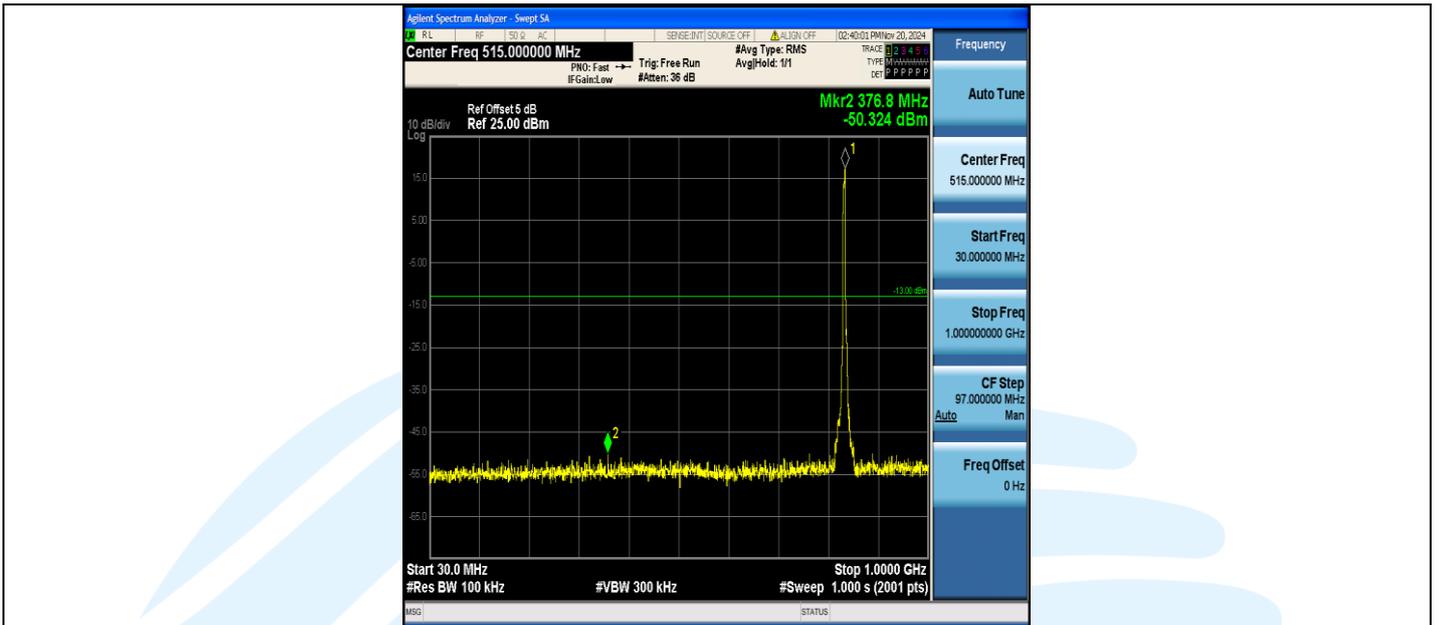
Band4-1513-1-1000~20000MHz-PASS



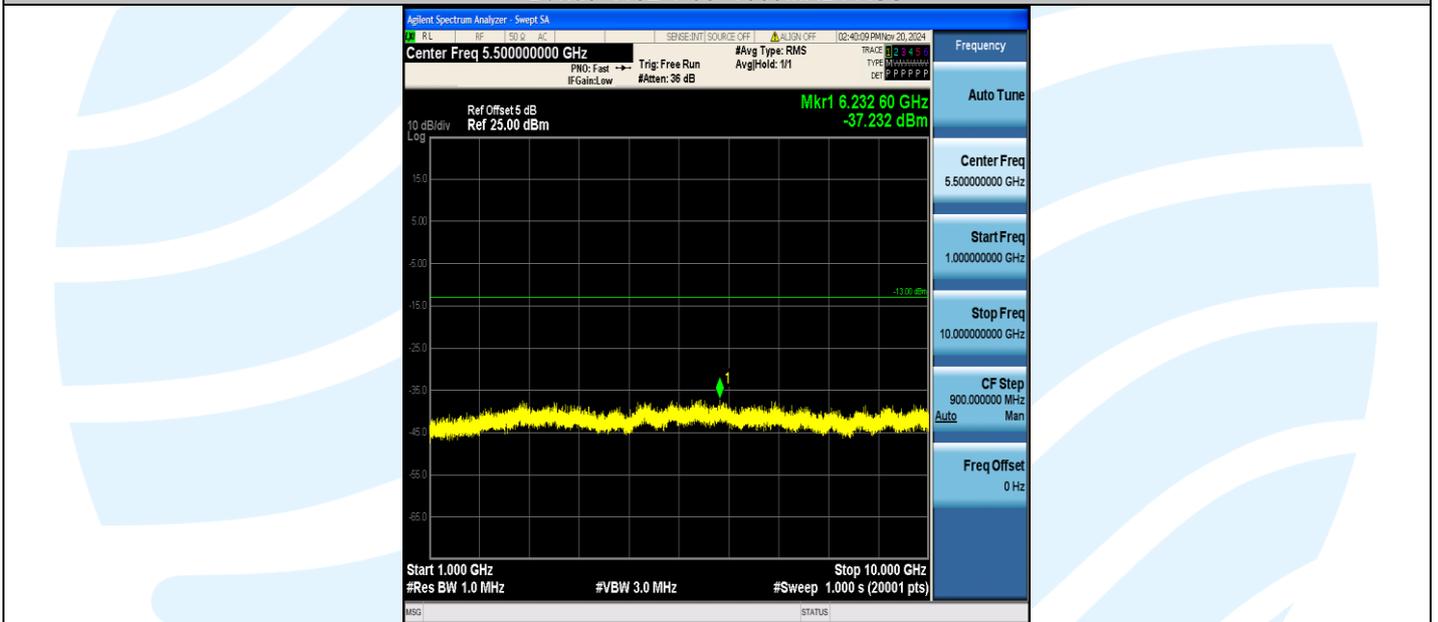
Band5-4132-1-30~1000MHz-PASS



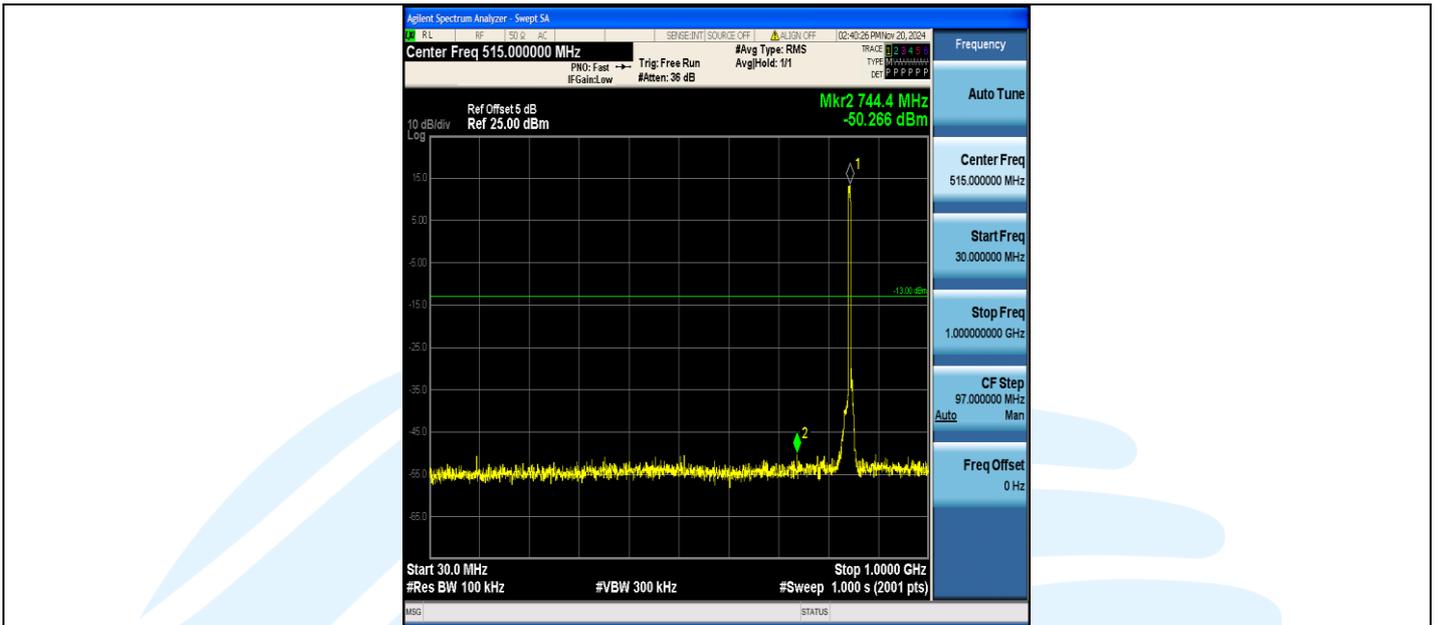
Band5-4132-1-1000~10000MHz-PASS



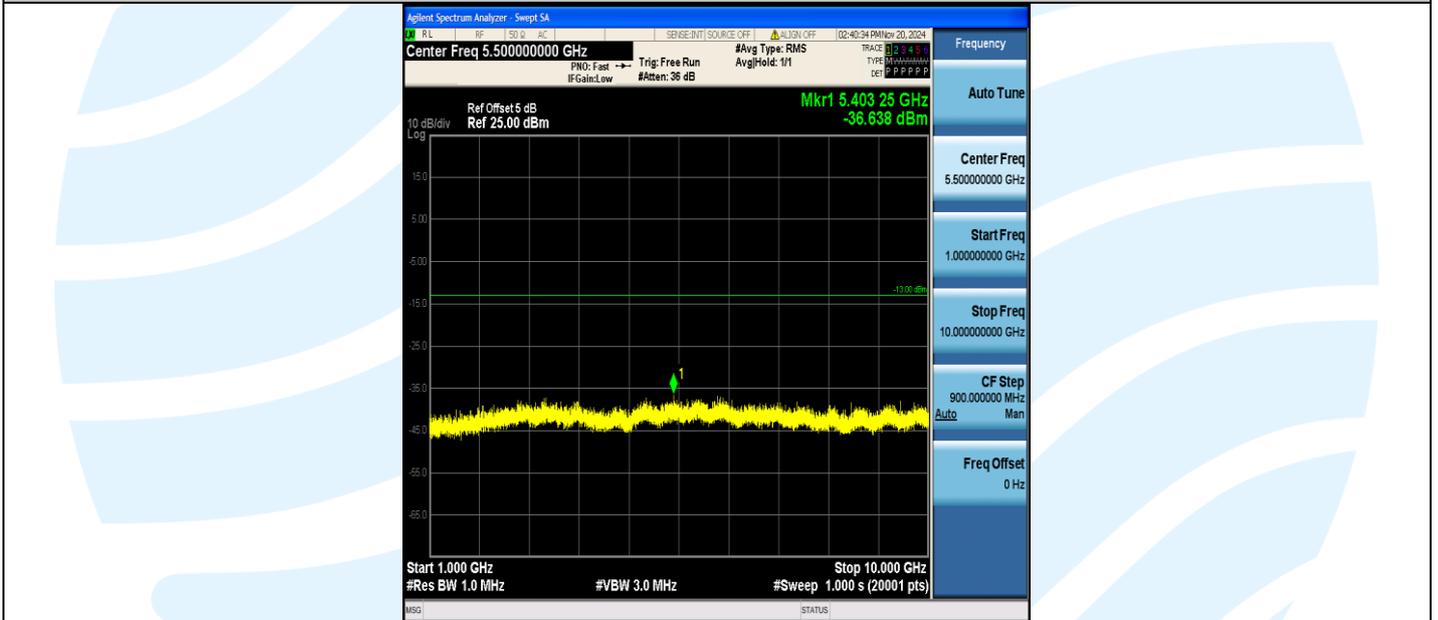
Band5-4182-1-30~1000MHz-PASS



Band5-4182-1-1000~10000MHz-PASS



Band5-4233-1-30~1000MHz-PASS



Band5-4233-1-1000~10000MHz-PASS

APPENDIX B5: FREQUENCY STABILITY

Test Result(WCDMA)

| Voltage | | | | | | | |
|---------|---------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band | Channel | Voltage (Vdc) | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band2 | 9400 | VN | NT | 4.36 | 0.002319 | ±2.5 | PASS |
| Band2 | 9400 | VL | NT | 2.91 | 0.001548 | ±2.5 | PASS |
| Band2 | 9400 | VH | NT | 3.93 | 0.002090 | ±2.5 | PASS |
| Band4 | 1413 | VN | NT | -2.18 | -0.001258 | ±2.5 | PASS |
| Band4 | 1413 | VL | NT | 1.97 | 0.001137 | ±2.5 | PASS |
| Band4 | 1413 | VH | NT | 0.43 | 0.000248 | ±2.5 | PASS |
| Band5 | 4182 | VN | NT | -1.75 | -0.002092 | ±2.5 | PASS |
| Band5 | 4182 | VL | NT | -0.04 | -0.000048 | ±2.5 | PASS |
| Band5 | 4182 | VH | NT | 1.27 | 0.001518 | ±2.5 | PASS |

| Temperature | | | | | | | |
|-------------|---------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band | Channel | Voltage (Vdc) | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band2 | 9400 | NV | -30 | 5.38 | 0.002862 | ±2.5 | PASS |
| Band2 | 9400 | NV | -20 | 0.97 | 0.000516 | ±2.5 | PASS |
| Band2 | 9400 | NV | -10 | 7.40 | 0.003936 | ±2.5 | PASS |
| Band2 | 9400 | NV | 0 | 0.13 | 0.000069 | ±2.5 | PASS |
| Band2 | 9400 | NV | 10 | 8.48 | 0.004511 | ±2.5 | PASS |
| Band2 | 9400 | NV | 20 | 7.42 | 0.003947 | ±2.5 | PASS |
| Band2 | 9400 | NV | 30 | 6.83 | 0.003633 | ±2.5 | PASS |
| Band2 | 9400 | NV | 40 | -4.68 | -0.002489 | ±2.5 | PASS |
| Band2 | 9400 | NV | 50 | 1.69 | 0.000899 | ±2.5 | PASS |
| Band4 | 1413 | NV | -30 | 3.65 | 0.002107 | ±2.5 | PASS |
| Band4 | 1413 | NV | -20 | 8.18 | 0.004721 | ±2.5 | PASS |
| Band4 | 1413 | NV | -10 | 4.40 | 0.002540 | ±2.5 | PASS |
| Band4 | 1413 | NV | 0 | 3.73 | 0.002153 | ±2.5 | PASS |
| Band4 | 1413 | NV | 10 | 6.76 | 0.003902 | ±2.5 | PASS |
| Band4 | 1413 | NV | 20 | 7.52 | 0.004340 | ±2.5 | PASS |
| Band4 | 1413 | NV | 30 | 4.76 | 0.002747 | ±2.5 | PASS |
| Band4 | 1413 | NV | 40 | 3.65 | 0.002107 | ±2.5 | PASS |
| Band4 | 1413 | NV | 50 | -2.35 | -0.001356 | ±2.5 | PASS |
| Band5 | 4182 | NV | -30 | -0.77 | -0.000921 | ±2.5 | PASS |
| Band5 | 4182 | NV | -20 | -1.77 | -0.002116 | ±2.5 | PASS |
| Band5 | 4182 | NV | -10 | -1.22 | -0.001459 | ±2.5 | PASS |
| Band5 | 4182 | NV | 0 | -1.01 | -0.001208 | ±2.5 | PASS |
| Band5 | 4182 | NV | 10 | 0.46 | 0.000550 | ±2.5 | PASS |
| Band5 | 4182 | NV | 20 | -0.82 | -0.000980 | ±2.5 | PASS |
| Band5 | 4182 | NV | 30 | 3.16 | 0.003778 | ±2.5 | PASS |
| Band5 | 4182 | NV | 40 | 0.59 | 0.000705 | ±2.5 | PASS |
| Band5 | 4182 | NV | 50 | -2.15 | -0.002571 | ±2.5 | PASS |