

**8.1 Appendix A: Conducted Output Power**

Test Result

| Band | Channel | Power(dBm) | Limit(dBm) | Verdict |
|---------|---------|------------|------------|---------|
| Band II | 9262 | 22.75 | 33 | PASS |
| Band II | 9400 | 22.67 | 33 | PASS |
| Band II | 9538 | 22.69 | 33 | PASS |
| Band V | 4132 | 23.03 | 38.5 | PASS |
| Band V | 4182 | 23.04 | 38.5 | PASS |
| Band V | 4233 | 23.07 | 38.5 | PASS |

| Band | Channel | SubTest | Power(dBm) | Limit(dBm) | Verdict |
|---------|---------|------------|------------|------------|---------|
| Band II | 9262 | HSDPA_Sub0 | 22.14 | 33 | PASS |
| Band II | 9262 | HSDPA_Sub1 | 21.97 | 33 | PASS |
| Band II | 9262 | HSDPA_Sub2 | 21.99 | 33 | PASS |
| Band II | 9262 | HSDPA_Sub3 | 21.92 | 33 | PASS |
| Band II | 9400 | HSDPA_Sub0 | 21.80 | 33 | PASS |
| Band II | 9400 | HSDPA_Sub1 | 21.67 | 33 | PASS |
| Band II | 9400 | HSDPA_Sub2 | 21.67 | 33 | PASS |
| Band II | 9400 | HSDPA_Sub3 | 21.63 | 33 | PASS |
| Band II | 9538 | HSDPA_Sub0 | 21.97 | 33 | PASS |
| Band II | 9538 | HSDPA_Sub1 | 21.82 | 33 | PASS |
| Band II | 9538 | HSDPA_Sub2 | 21.83 | 33 | PASS |
| Band II | 9538 | HSDPA_Sub3 | 21.76 | 33 | PASS |
| Band V | 4132 | HSDPA_Sub0 | 23.03 | 38.5 | PASS |
| Band V | 4132 | HSDPA_Sub1 | 23.13 | 38.5 | PASS |
| Band V | 4132 | HSDPA_Sub2 | 23.19 | 38.5 | PASS |
| Band V | 4132 | HSDPA_Sub3 | 23.19 | 38.5 | PASS |
| Band V | 4182 | HSDPA_Sub0 | 22.51 | 38.5 | PASS |
| Band V | 4182 | HSDPA_Sub1 | 22.48 | 38.5 | PASS |
| Band V | 4182 | HSDPA_Sub2 | 22.54 | 38.5 | PASS |
| Band V | 4182 | HSDPA_Sub3 | 22.49 | 38.5 | PASS |
| Band V | 4233 | HSDPA_Sub0 | 22.82 | 38.5 | PASS |
| Band V | 4233 | HSDPA_Sub1 | 22.82 | 38.5 | PASS |
| Band V | 4233 | HSDPA_Sub2 | 22.86 | 38.5 | PASS |
| Band V | 4233 | HSDPA_Sub3 | 22.81 | 38.5 | PASS |



| Band | Channel | SubTest | Power(dBm) | Limit(dBm) | Verdict |
|---------|---------|------------|------------|------------|---------|
| Band II | 9262 | HSUPA_Sub1 | 19.76 | 33 | PASS |
| Band II | 9262 | HSUPA_Sub2 | 19.57 | 33 | PASS |
| Band II | 9262 | HSUPA_Sub3 | 19.29 | 33 | PASS |
| Band II | 9262 | HSUPA_Sub4 | 19.94 | 33 | PASS |
| Band II | 9262 | HSUPA_Sub5 | 21.05 | 33 | PASS |
| Band II | 9400 | HSUPA_Sub1 | 19.62 | 33 | PASS |
| Band II | 9400 | HSUPA_Sub2 | 19.42 | 33 | PASS |
| Band II | 9400 | HSUPA_Sub3 | 19.13 | 33 | PASS |
| Band II | 9400 | HSUPA_Sub4 | 19.68 | 33 | PASS |
| Band II | 9400 | HSUPA_Sub5 | 20.71 | 33 | PASS |
| Band II | 9538 | HSUPA_Sub1 | 19.81 | 33 | PASS |
| Band II | 9538 | HSUPA_Sub2 | 19.69 | 33 | PASS |
| Band II | 9538 | HSUPA_Sub3 | 19.37 | 33 | PASS |
| Band II | 9538 | HSUPA_Sub4 | 19.85 | 33 | PASS |
| Band II | 9538 | HSUPA_Sub5 | 20.96 | 33 | PASS |
| Band V | 4132 | HSUPA_Sub1 | 20.55 | 38.5 | PASS |
| Band V | 4132 | HSUPA_Sub2 | 20.57 | 38.5 | PASS |
| Band V | 4132 | HSUPA_Sub3 | 20.13 | 38.5 | PASS |
| Band V | 4132 | HSUPA_Sub4 | 20.82 | 38.5 | PASS |
| Band V | 4132 | HSUPA_Sub5 | 21.84 | 38.5 | PASS |
| Band V | 4182 | HSUPA_Sub1 | 20.27 | 38.5 | PASS |
| Band V | 4182 | HSUPA_Sub2 | 20.18 | 38.5 | PASS |
| Band V | 4182 | HSUPA_Sub3 | 19.80 | 38.5 | PASS |
| Band V | 4182 | HSUPA_Sub4 | 20.49 | 38.5 | PASS |
| Band V | 4182 | HSUPA_Sub5 | 21.52 | 38.5 | PASS |
| Band V | 4233 | HSUPA_Sub1 | 20.39 | 38.5 | PASS |
| Band V | 4233 | HSUPA_Sub2 | 20.47 | 38.5 | PASS |
| Band V | 4233 | HSUPA_Sub3 | 19.96 | 38.5 | PASS |
| Band V | 4233 | HSUPA_Sub4 | 20.78 | 38.5 | PASS |
| Band V | 4233 | HSUPA_Sub5 | 21.81 | 38.5 | PASS |



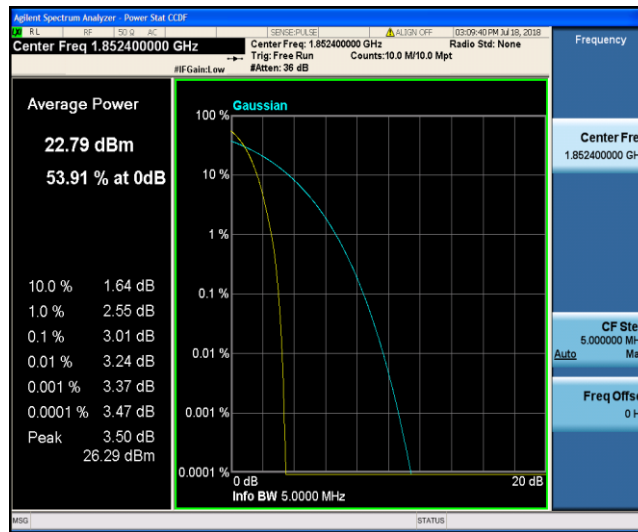
8.2 Appendix B: Peak-to-Average Ratio

Test Result

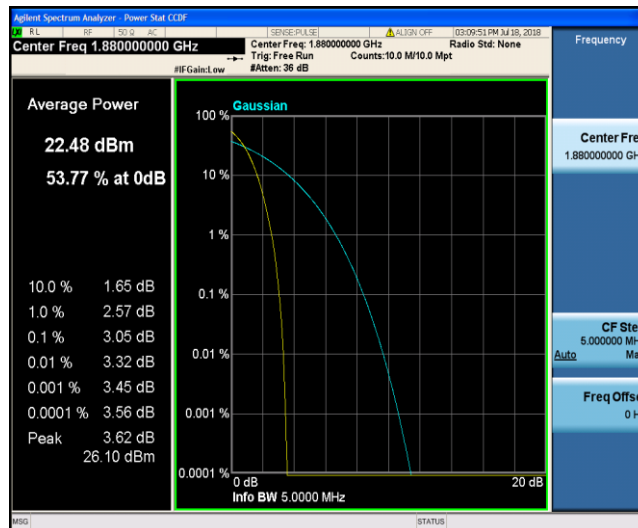
| Band | Channel | Peak-to-Average Ratio(dB) | Limit(dBm) | Verdict |
|---------|---------|---------------------------|------------|---------|
| Band II | 9262 | 3.01 | 13 | PASS |
| Band II | 9400 | 3.05 | 13 | PASS |
| Band II | 9538 | 2.91 | 13 | PASS |
| Band V | 4132 | 3.02 | 13 | PASS |
| Band V | 4182 | 3.05 | 13 | PASS |
| Band V | 4233 | 3.03 | 13 | PASS |



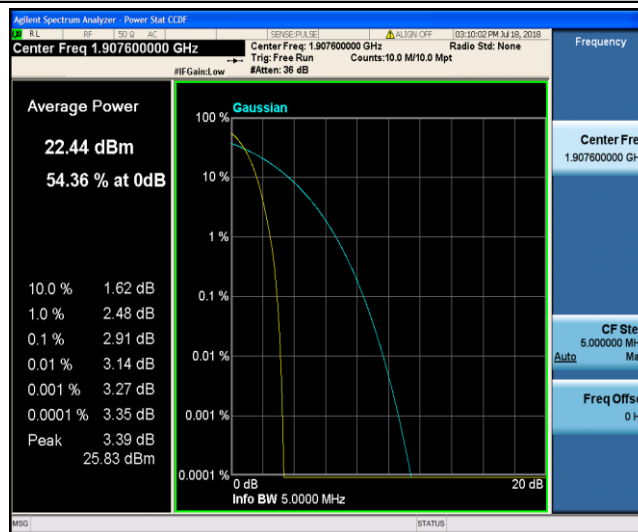
Test Graphs



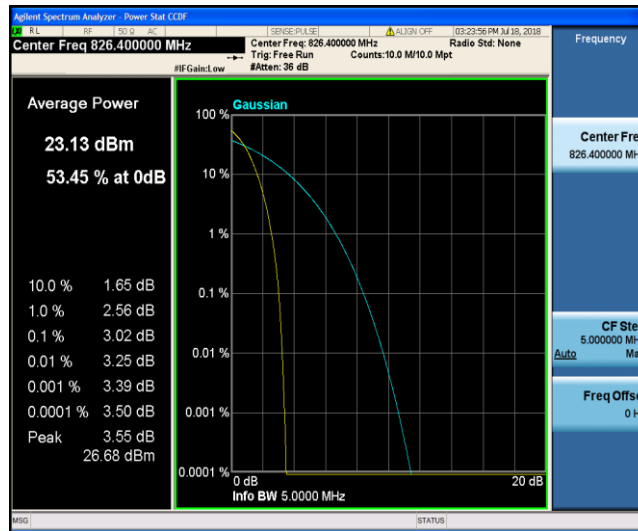
Band II_9262



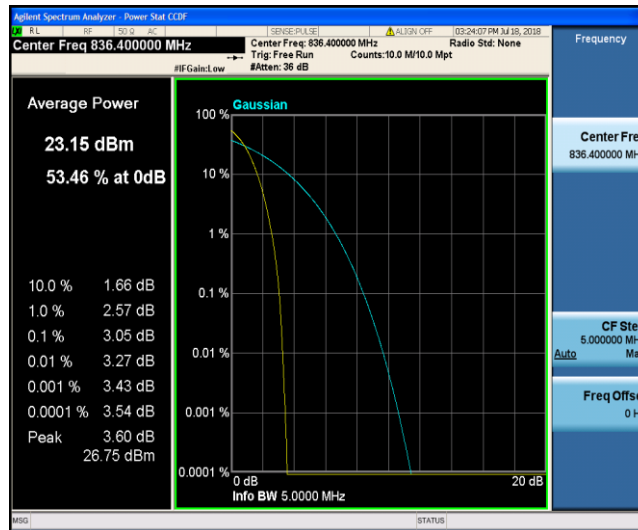
Band II_9400



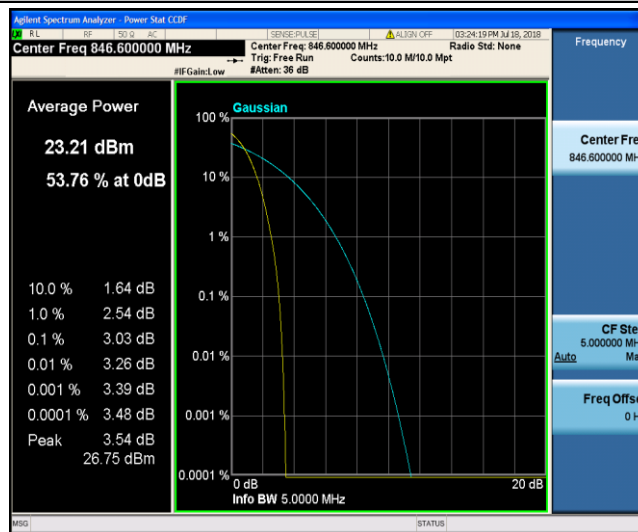
Band II_9538



Band V_4132



Band V_4182



Band V_4233



8.3 Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

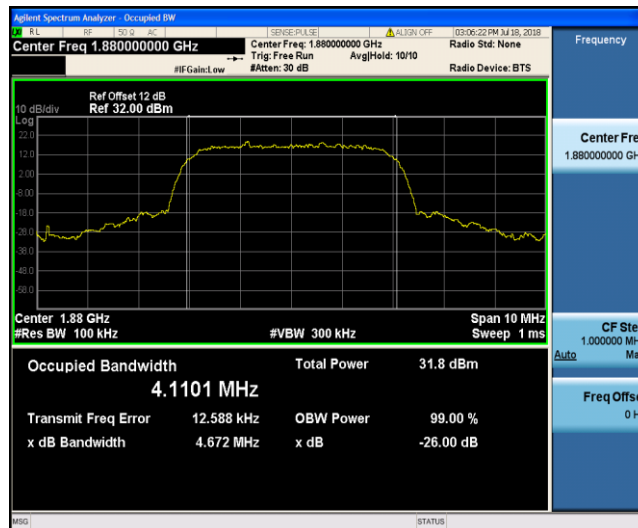
| Band | Channel | Occupied Bandwidth (kHz) | 26dB Bandwidth (kHz) | Limit(kHz) | Verdict |
|---------|---------|--------------------------|----------------------|------------|---------|
| Band II | 9262 | 4096.3 | 4678 | --- | PASS |
| Band II | 9400 | 4110.1 | 4672 | --- | PASS |
| Band II | 9538 | 4096.9 | 4675 | --- | PASS |
| Band V | 4132 | 4091.6 | 4677 | --- | PASS |
| Band V | 4182 | 4113.8 | 4687 | --- | PASS |
| Band V | 4233 | 4103.8 | 4691 | --- | PASS |



Test Graphs



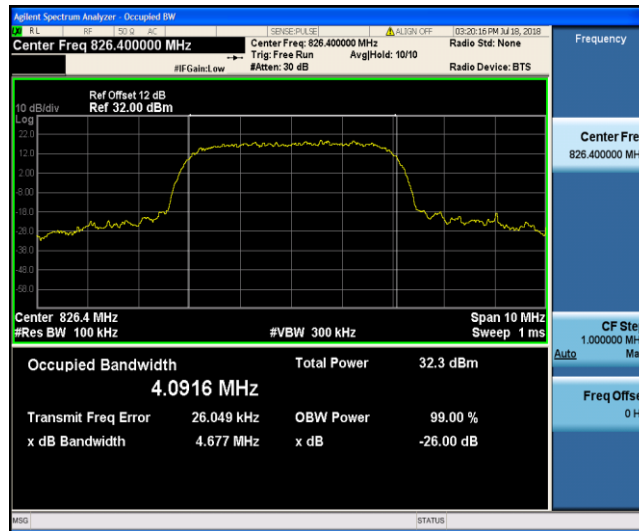
Band II_9262



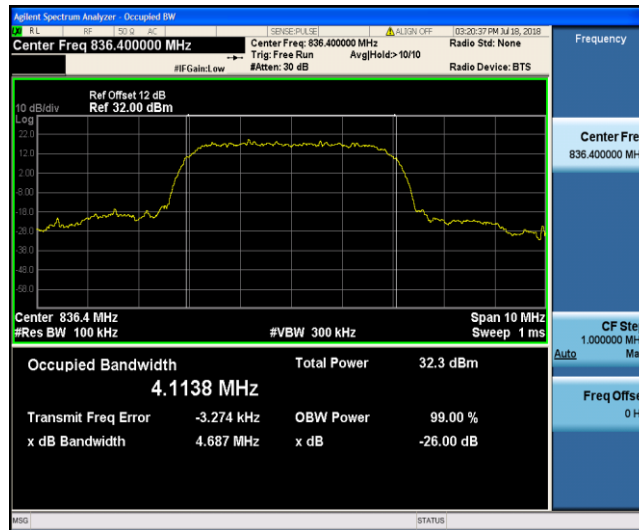
Band II_9400



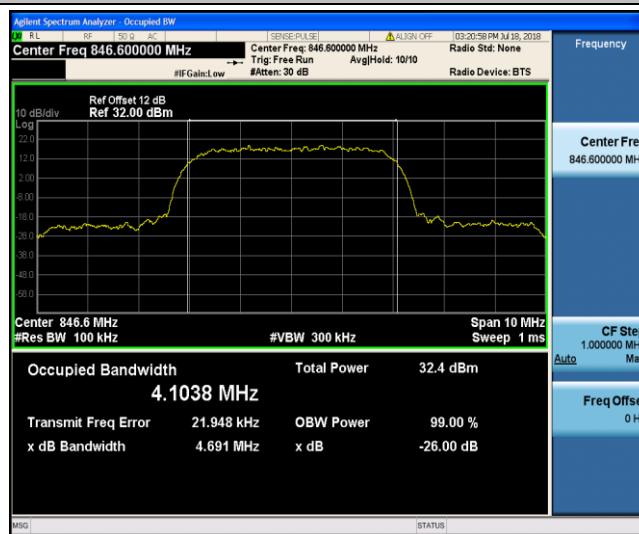
Band II_9538



Band V_4132



Band V_4182



Band V_4233



8.4 Appendix D: Band Edge

Test Result

| Band | Channel | Value(dBm) | Limit(dBm) | Verdict |
|---------|---------|------------|------------|---------|
| Band II | 9262 | -23.28 | -13 | PASS |
| Band II | 9538 | -22.80 | -13 | PASS |
| Band V | 4132 | -24.34 | -13 | PASS |
| Band V | 4233 | -22.20 | -13 | PASS |



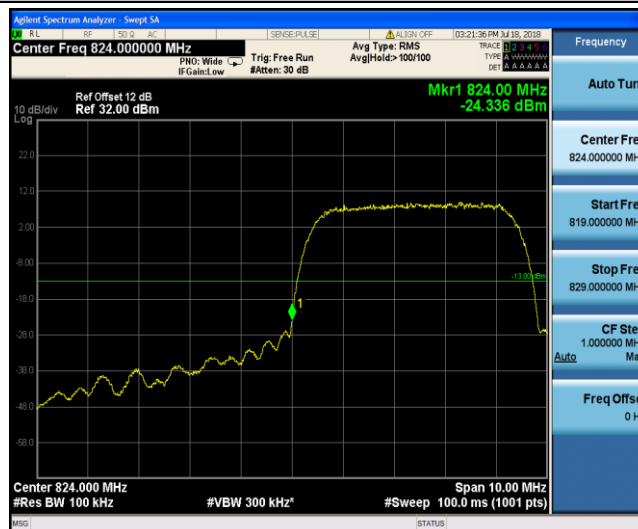
Test Graphs



Band II_9262



Band II_9538



Band V_4132



Band V_4233

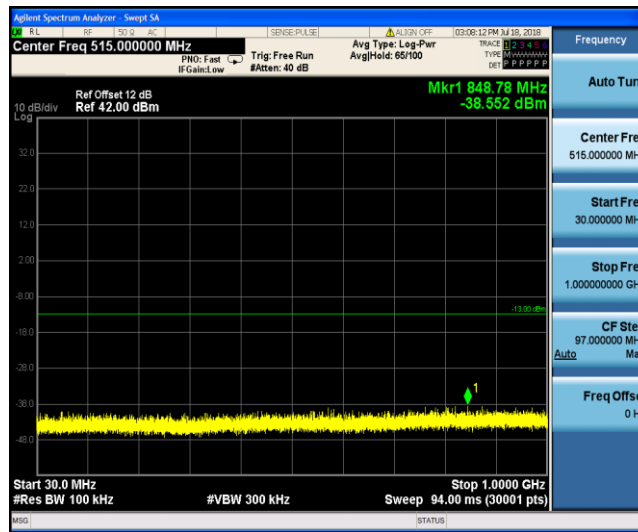
**8.5 Appendix E: Conducted Spurious Emission**

Test Result

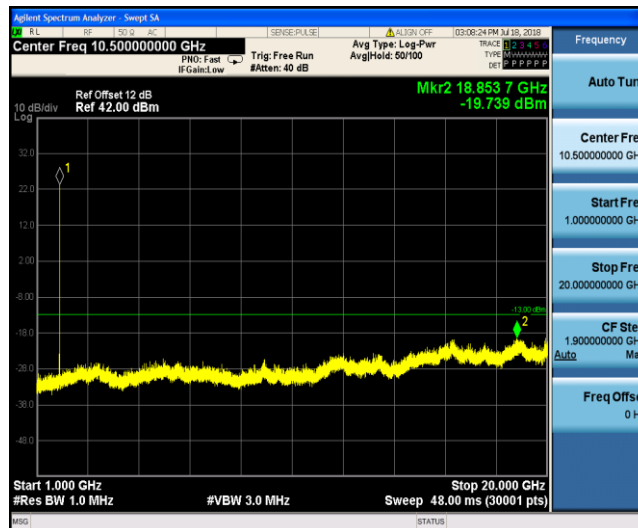
| Band | Channel | Frequency Rang(Mhz) | Value(dBm) | Limit(dBm) | Verdict |
|---------|---------|---------------------|------------|------------|---------|
| Band II | 9262 | 30~1000 | -38.55 | -13 | PASS |
| Band II | 9262 | 1000~20000 | -19.74 | -13 | PASS |
| Band II | 9400 | 30~1000 | -38.15 | -13 | PASS |
| Band II | 9400 | 1000~20000 | -18.83 | -13 | PASS |
| Band II | 9538 | 30~1000 | -38.75 | -13 | PASS |
| Band II | 9538 | 1000~20000 | -18.73 | -13 | PASS |
| Band V | 4132 | 30~1000 | -38.48 | -13 | PASS |
| Band V | 4132 | 1000~20000 | -19.10 | -13 | PASS |
| Band V | 4182 | 30~1000 | -38.82 | -13 | PASS |
| Band V | 4182 | 1000~20000 | -19.67 | -13 | PASS |
| Band V | 4233 | 30~1000 | -38.66 | -13 | PASS |
| Band V | 4233 | 1000~20000 | -19.22 | -13 | PASS |



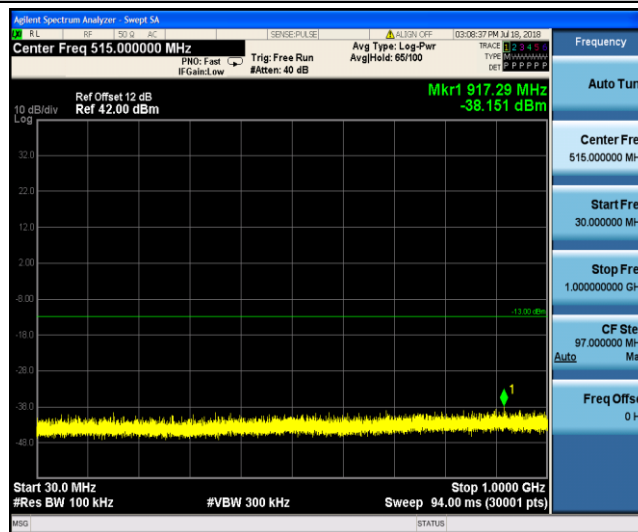
Test Graphs



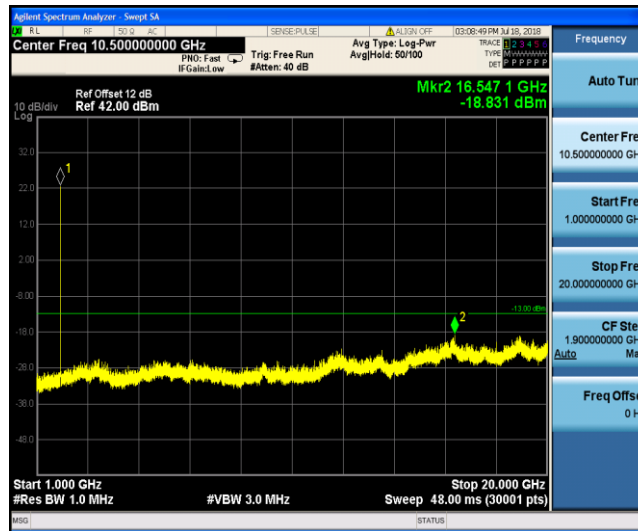
Band II_9262



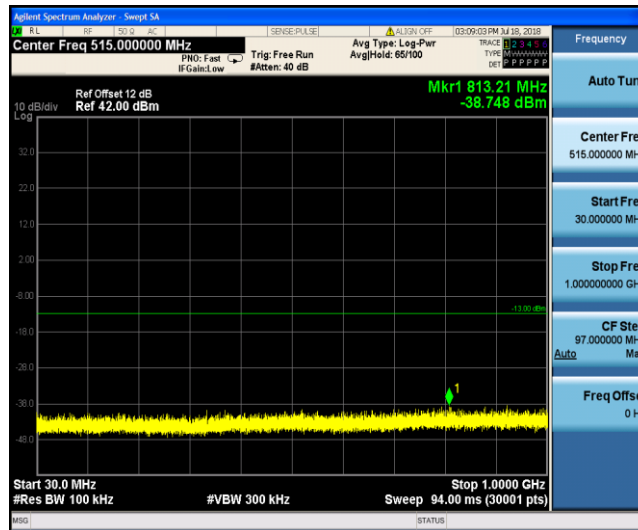
Band II_9262



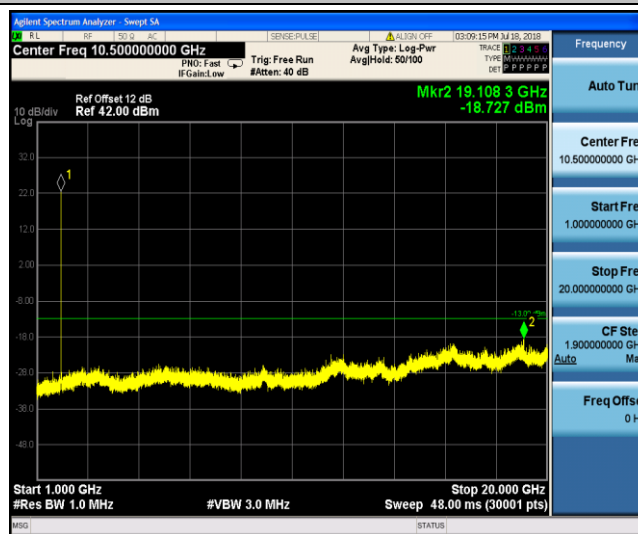
Band II_9400



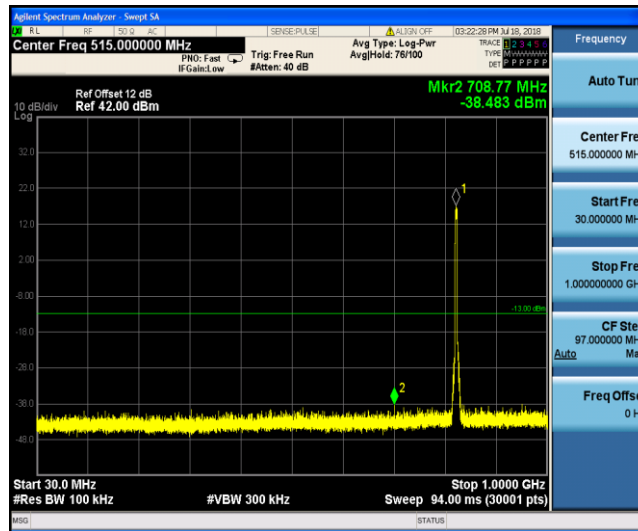
Band II_9400



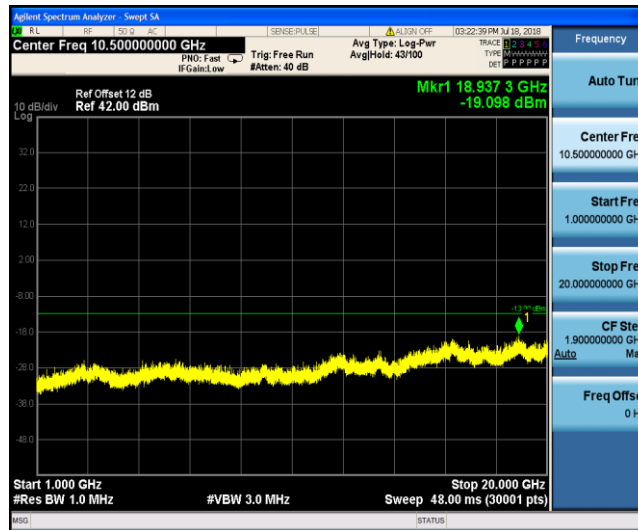
Band II_9538



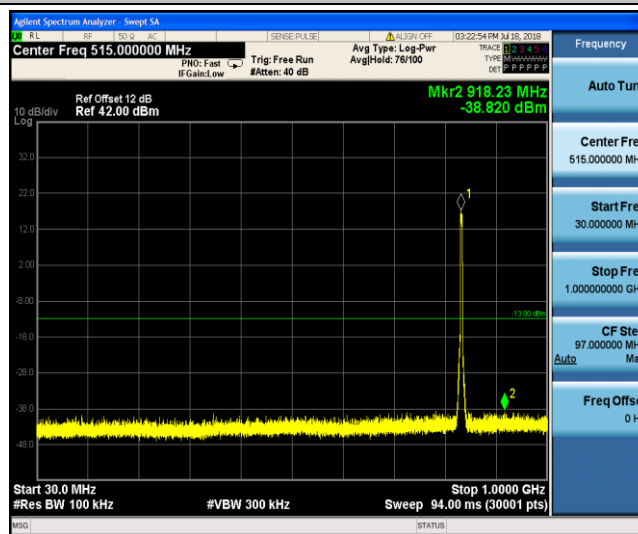
Band II_9538



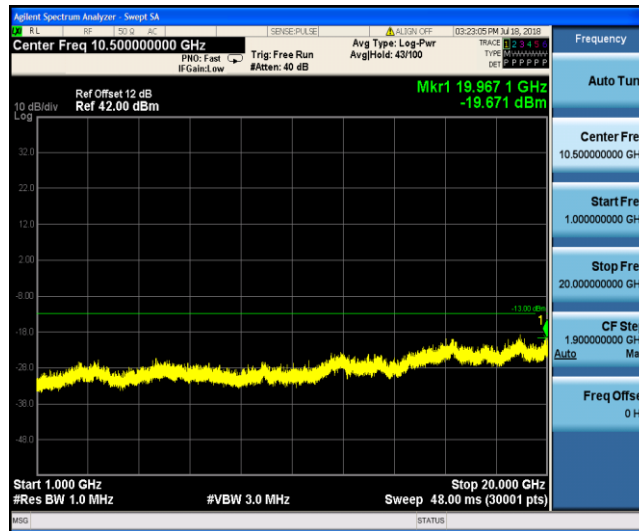
Band V_4132



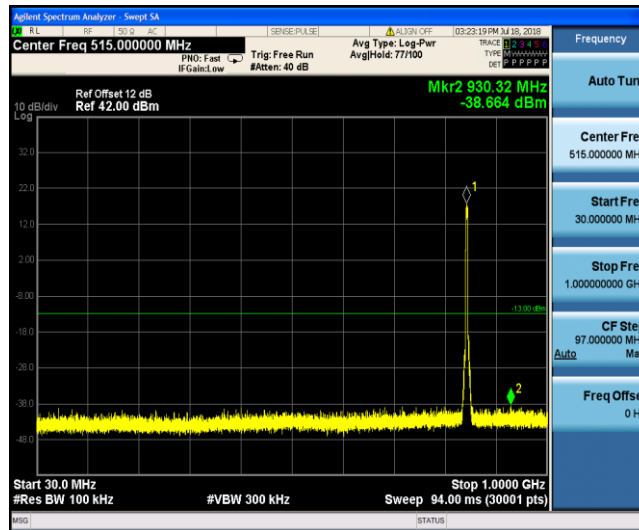
Band V_4132



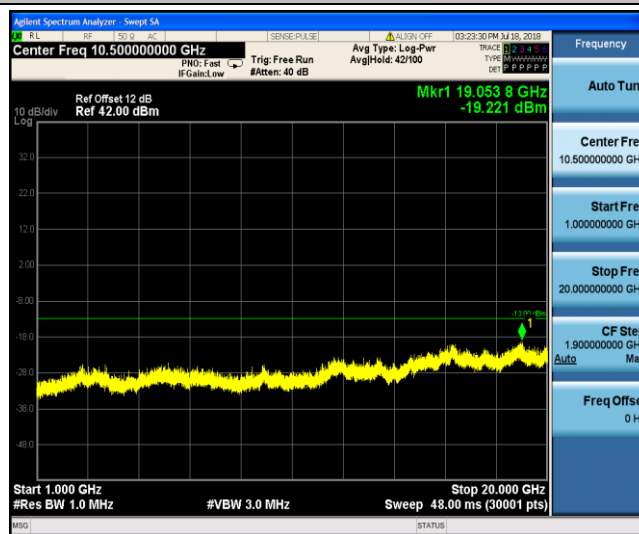
Band V_4182



Band V_4182



Band V_4233



Band V_4233



8.6 Appendix F: Frequency Stability

Test Result

| Voltage | | | | | | | |
|---------|---------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band | Channel | Voltage (Vdc) | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band II | 9262 | VL | TN | -5.50 | -0.002969 | 2.5 | PASS |
| Band II | 9262 | VN | TN | 4.94 | 0.002664 | 2.5 | PASS |
| Band II | 9262 | VH | TN | -0.99 | -0.000533 | 2.5 | PASS |
| Band II | 9400 | VL | TN | -6.48 | -0.003447 | 2.5 | PASS |
| Band II | 9400 | VN | TN | -8.93 | -0.004752 | 2.5 | PASS |
| Band II | 9400 | VH | TN | -9.74 | -0.005182 | 2.5 | PASS |
| Band II | 9538 | VL | TN | -3.88 | -0.002032 | 2.5 | PASS |
| Band II | 9538 | VN | TN | 4.25 | 0.002227 | 2.5 | PASS |
| Band II | 9538 | VH | TN | 3.96 | 0.002077 | 2.5 | PASS |
| Band V | 4132 | VL | TN | 2.83 | 0.003427 | 2.5 | PASS |
| Band V | 4132 | VN | TN | 7.21 | 0.008724 | 2.5 | PASS |
| Band V | 4132 | VH | TN | 2.83 | 0.003419 | 2.5 | PASS |
| Band V | 4182 | VL | TN | 1.19 | 0.001428 | 2.5 | PASS |
| Band V | 4182 | VN | TN | 1.18 | 0.001411 | 2.5 | PASS |
| Band V | 4182 | VH | TN | 1.17 | 0.001402 | 2.5 | PASS |
| Band V | 4233 | VL | TN | 1.06 | 0.001250 | 2.5 | PASS |
| Band V | 4233 | VN | TN | -0.03 | -0.000034 | 2.5 | PASS |
| Band V | 4233 | VH | TN | -0.72 | -0.000853 | 2.5 | PASS |



| Temperature | | | | | | | |
|-------------|---------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band | Channel | Voltage (Vdc) | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band II | 9262 | VN | -30 | 1.80 | 0.000969 | 2.5 | PASS |
| Band II | 9262 | VN | -20 | -0.70 | -0.000378 | 2.5 | PASS |
| Band II | 9262 | VN | -10 | 2.60 | 0.001402 | 2.5 | PASS |
| Band II | 9262 | VN | 0 | 3.20 | 0.001726 | 2.5 | PASS |
| Band II | 9262 | VN | 10 | -2.12 | -0.001147 | 2.5 | PASS |
| Band II | 9262 | VN | 20 | 4.91 | 0.002649 | 2.5 | PASS |
| Band II | 9262 | VN | 30 | -4.39 | -0.002371 | 2.5 | PASS |
| Band II | 9262 | VN | 40 | 4.34 | 0.002344 | 2.5 | PASS |
| Band II | 9262 | VN | 50 | 2.52 | 0.001363 | 2.5 | PASS |
| Band II | 9400 | VN | -30 | -8.20 | -0.004360 | 2.5 | PASS |
| Band II | 9400 | VN | -20 | -10.92 | -0.005810 | 2.5 | PASS |
| Band II | 9400 | VN | -10 | -10.30 | -0.005479 | 2.5 | PASS |
| Band II | 9400 | VN | 0 | -6.05 | -0.003219 | 2.5 | PASS |
| Band II | 9400 | VN | 10 | -8.05 | -0.004284 | 2.5 | PASS |
| Band II | 9400 | VN | 20 | -9.76 | -0.005193 | 2.5 | PASS |
| Band II | 9400 | VN | 30 | -5.95 | -0.003165 | 2.5 | PASS |
| Band II | 9400 | VN | 40 | -8.50 | -0.004520 | 2.5 | PASS |
| Band II | 9400 | VN | 50 | -10.59 | -0.005635 | 2.5 | PASS |
| Band II | 9538 | VN | -30 | 4.56 | 0.002388 | 2.5 | PASS |
| Band II | 9538 | VN | -20 | 3.85 | 0.002017 | 2.5 | PASS |
| Band II | 9538 | VN | -10 | 1.97 | 0.001035 | 2.5 | PASS |
| Band II | 9538 | VN | 0 | -2.37 | -0.001241 | 2.5 | PASS |
| Band II | 9538 | VN | 10 | 1.27 | 0.000667 | 2.5 | PASS |
| Band II | 9538 | VN | 20 | 0.75 | 0.000394 | 2.5 | PASS |
| Band II | 9538 | VN | 30 | 1.43 | 0.000750 | 2.5 | PASS |
| Band II | 9538 | VN | 40 | -1.77 | -0.000926 | 2.5 | PASS |
| Band II | 9538 | VN | 50 | 0.26 | 0.000135 | 2.5 | PASS |
| Band V | 4132 | VN | -30 | 2.28 | 0.002761 | 2.5 | PASS |
| Band V | 4132 | VN | -20 | 2.30 | 0.002778 | 2.5 | PASS |
| Band V | 4132 | VN | -10 | 3.02 | 0.003652 | 2.5 | PASS |
| Band V | 4132 | VN | 0 | 1.83 | 0.002216 | 2.5 | PASS |
| Band V | 4132 | VN | 10 | 1.78 | 0.002155 | 2.5 | PASS |
| Band V | 4132 | VN | 20 | 6.14 | 0.007426 | 2.5 | PASS |
| Band V | 4132 | VN | 30 | 0.79 | 0.000961 | 2.5 | PASS |
| Band V | 4132 | VN | 40 | 0.99 | 0.001194 | 2.5 | PASS |
| Band V | 4132 | VN | 50 | 4.70 | 0.005686 | 2.5 | PASS |
| Band V | 4182 | VN | -30 | 0.58 | 0.000693 | 2.5 | PASS |
| Band V | 4182 | VN | -20 | -6.34 | -0.007577 | 2.5 | PASS |
| Band V | 4182 | VN | -10 | 0.47 | 0.000564 | 2.5 | PASS |
| Band V | 4182 | VN | 0 | 1.96 | 0.002343 | 2.5 | PASS |
| Band V | 4182 | VN | 10 | -5.78 | -0.006910 | 2.5 | PASS |
| Band V | 4182 | VN | 20 | -1.49 | -0.001787 | 2.5 | PASS |
| Band V | 4182 | VN | 30 | 2.66 | 0.003181 | 2.5 | PASS |
| Band V | 4182 | VN | 40 | 2.63 | 0.003147 | 2.5 | PASS |
| Band V | 4182 | VN | 50 | 3.75 | 0.004481 | 2.5 | PASS |
| Band V | 4233 | VN | -30 | -0.53 | -0.000625 | 2.5 | PASS |
| Band V | 4233 | VN | -20 | -1.42 | -0.001681 | 2.5 | PASS |
| Band V | 4233 | VN | -10 | -1.64 | -0.001935 | 2.5 | PASS |



| | | | | | | | |
|--------|------|----|----|-------|-----------|-----|------|
| Band V | 4233 | VN | 0 | -0.82 | -0.000972 | 2.5 | PASS |
| Band V | 4233 | VN | 10 | -0.52 | -0.000617 | 2.5 | PASS |
| Band V | 4233 | VN | 20 | 0.39 | 0.000456 | 2.5 | PASS |
| Band V | 4233 | VN | 30 | -0.10 | -0.000118 | 2.5 | PASS |
| Band V | 4233 | VN | 40 | 0.11 | 0.000135 | 2.5 | PASS |
| Band V | 4233 | VN | 50 | -0.25 | -0.000296 | 2.5 | PASS |

-----End of the Report -----