



8.1 Appendix A: Conducted Output Power

Test Result

| Band | Channel | Power(dBm) | Limit(dBm) | Verdict |
|---------|---------|------------|------------|---------|
| Band II | 9262 | 21.91 | 33 | PASS |
| Band II | 9400 | 22.38 | 33 | PASS |
| Band II | 9538 | 22.49 | 33 | PASS |
| Band V | 4132 | 22.68 | 38.5 | PASS |
| Band V | 4182 | 22.67 | 38.5 | PASS |
| Band V | 4233 | 22.69 | 38.5 | PASS |

| Band | Channel | SubTest | Power(dBm) | Limit(dBm) | Verdict |
|---------|---------|------------|------------|------------|---------|
| Band II | 9262 | HSDPA_Sub1 | 21.85 | 33 | PASS |
| Band II | 9262 | HSDPA_Sub2 | 21.54 | 33 | PASS |
| Band II | 9262 | HSDPA_Sub3 | 21.69 | 33 | PASS |
| Band II | 9262 | HSDPA_Sub4 | 21.38 | 33 | PASS |
| Band II | 9400 | HSDPA_Sub1 | 22.28 | 33 | PASS |
| Band II | 9400 | HSDPA_Sub2 | 21.92 | 33 | PASS |
| Band II | 9400 | HSDPA_Sub3 | 22.05 | 33 | PASS |
| Band II | 9400 | HSDPA_Sub4 | 21.76 | 33 | PASS |
| Band II | 9538 | HSDPA_Sub1 | 22.09 | 33 | PASS |
| Band II | 9538 | HSDPA_Sub2 | 21.81 | 33 | PASS |
| Band II | 9538 | HSDPA_Sub3 | 21.98 | 33 | PASS |
| Band II | 9538 | HSDPA_Sub4 | 21.64 | 33 | PASS |
| Band V | 4132 | HSDPA_Sub1 | 21.58 | 38.5 | PASS |
| Band V | 4132 | HSDPA_Sub2 | 21.52 | 38.5 | PASS |
| Band V | 4132 | HSDPA_Sub3 | 21.19 | 38.5 | PASS |
| Band V | 4132 | HSDPA_Sub4 | 21.08 | 38.5 | PASS |
| Band V | 4182 | HSDPA_Sub1 | 21.32 | 38.5 | PASS |
| Band V | 4182 | HSDPA_Sub2 | 21.19 | 38.5 | PASS |
| Band V | 4182 | HSDPA_Sub3 | 20.87 | 38.5 | PASS |
| Band V | 4182 | HSDPA_Sub4 | 20.78 | 38.5 | PASS |
| Band V | 4233 | HSDPA_Sub1 | 21.54 | 38.5 | PASS |
| Band V | 4233 | HSDPA_Sub2 | 21.25 | 38.5 | PASS |
| Band V | 4233 | HSDPA_Sub3 | 20.94 | 38.5 | PASS |
| Band V | 4233 | HSDPA_Sub4 | 20.84 | 38.5 | PASS |



| Band | Channel | SubTest | Power(dBm) | Limit(dBm) | Verdict |
|---------|---------|------------|------------|------------|---------|
| Band II | 9262 | HSUPA_Sub1 | 21.85 | 33 | PASS |
| Band II | 9262 | HSUPA_Sub2 | 21.92 | 33 | PASS |
| Band II | 9262 | HSUPA_Sub3 | 21.90 | 33 | PASS |
| Band II | 9262 | HSUPA_Sub4 | 22.03 | 33 | PASS |
| Band II | 9262 | HSUPA_Sub5 | 22.40 | 33 | PASS |
| Band II | 9400 | HSUPA_Sub1 | 21.58 | 33 | PASS |
| Band II | 9400 | HSUPA_Sub2 | 21.45 | 33 | PASS |
| Band II | 9400 | HSUPA_Sub3 | 21.82 | 33 | PASS |
| Band II | 9400 | HSUPA_Sub4 | 22.41 | 33 | PASS |
| Band II | 9400 | HSUPA_Sub5 | 22.89 | 33 | PASS |
| Band II | 9538 | HSUPA_Sub1 | 21.42 | 33 | PASS |
| Band II | 9538 | HSUPA_Sub2 | 21.55 | 33 | PASS |
| Band II | 9538 | HSUPA_Sub3 | 21.93 | 33 | PASS |
| Band II | 9538 | HSUPA_Sub4 | 22.45 | 33 | PASS |
| Band II | 9538 | HSUPA_Sub5 | 22.98 | 33 | PASS |
| Band V | 4132 | HSUPA_Sub1 | 20.91 | 38.5 | PASS |
| Band V | 4132 | HSUPA_Sub2 | 21.00 | 38.5 | PASS |
| Band V | 4132 | HSUPA_Sub3 | 21.31 | 38.5 | PASS |
| Band V | 4132 | HSUPA_Sub4 | 21.44 | 38.5 | PASS |
| Band V | 4132 | HSUPA_Sub5 | 22.58 | 38.5 | PASS |
| Band V | 4182 | HSUPA_Sub1 | 21.40 | 38.5 | PASS |
| Band V | 4182 | HSUPA_Sub2 | 22.01 | 38.5 | PASS |
| Band V | 4182 | HSUPA_Sub3 | 22.10 | 38.5 | PASS |
| Band V | 4182 | HSUPA_Sub4 | 22.41 | 38.5 | PASS |
| Band V | 4182 | HSUPA_Sub5 | 22.51 | 38.5 | PASS |
| Band V | 4233 | HSUPA_Sub1 | 21.48 | 38.5 | PASS |
| Band V | 4233 | HSUPA_Sub2 | 21.59 | 38.5 | PASS |
| Band V | 4233 | HSUPA_Sub3 | 21.77 | 38.5 | PASS |
| Band V | 4233 | HSUPA_Sub4 | 22.52 | 38.5 | PASS |
| Band V | 4233 | HSUPA_Sub5 | 22.90 | 38.5 | PASS |



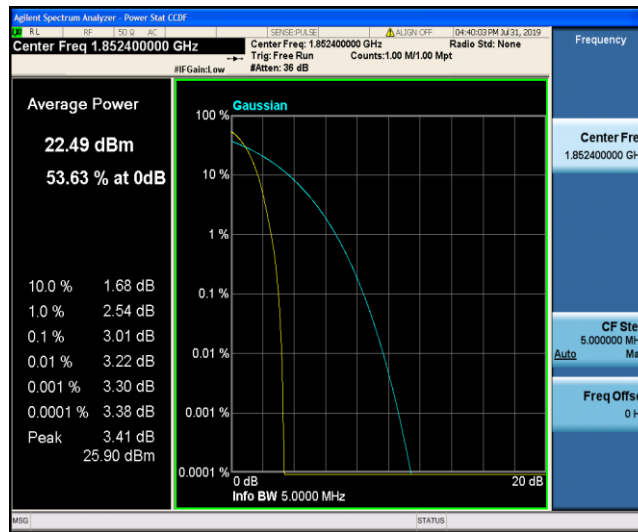
8.2 Appendix B: Peak-to-Average Ratio

Test Result

| Band | Channel | Peak-to-Average Ratio(dB) | Limit(dB) | Verdict |
|---------|---------|---------------------------|-----------|---------|
| Band II | 9262 | 3.01 | 13 | PASS |
| Band II | 9400 | 2.90 | 13 | PASS |
| Band II | 9538 | 2.94 | 13 | PASS |
| Band V | 4132 | 3.01 | 13 | PASS |
| Band V | 4182 | 2.94 | 13 | PASS |
| Band V | 4233 | 2.99 | 13 | PASS |



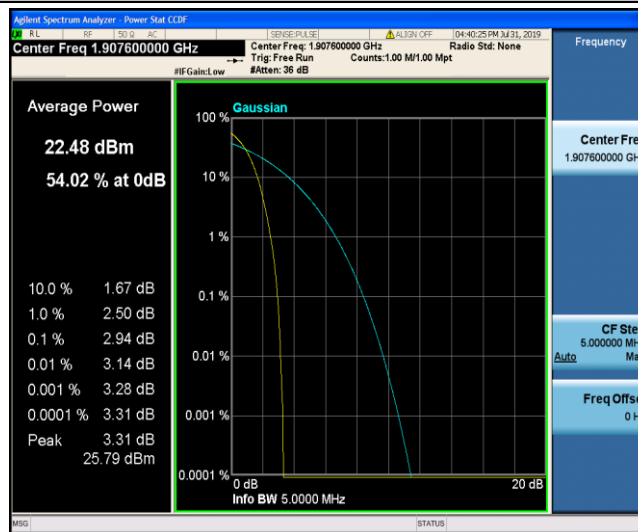
Test Graphs



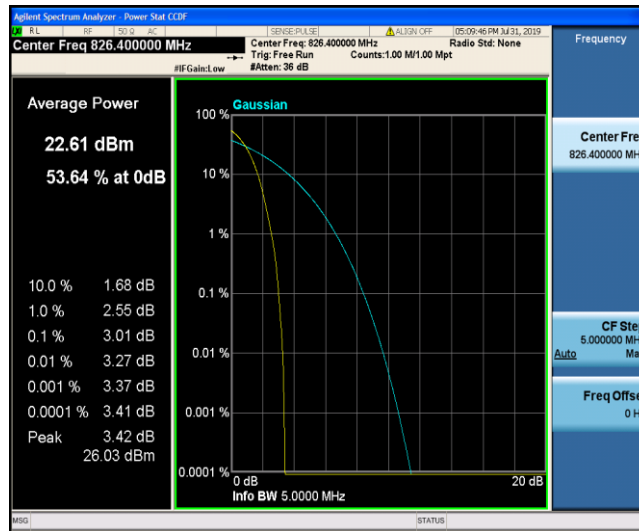
Band II_9262



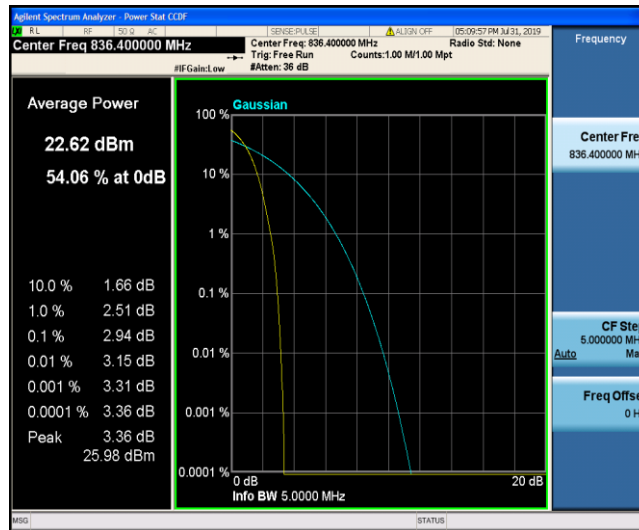
Band II_9400



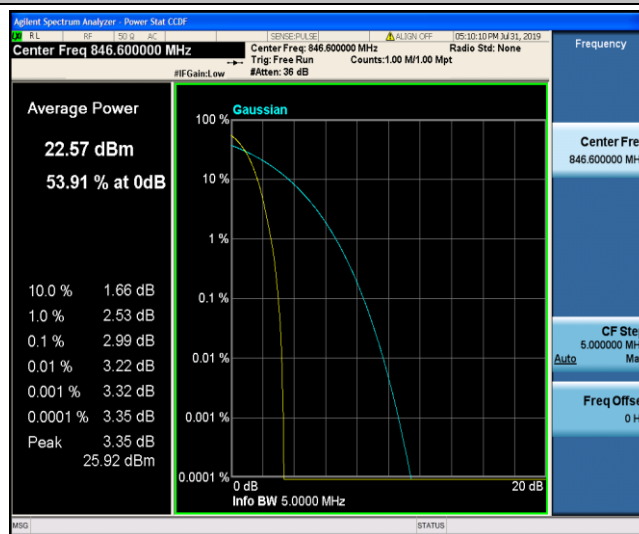
Band II_9538



Band V_4132



Band V_4182



Band V_4233



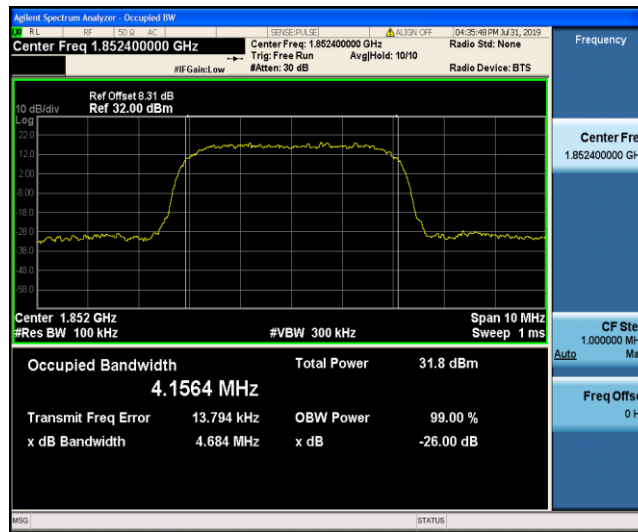
8.3 Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

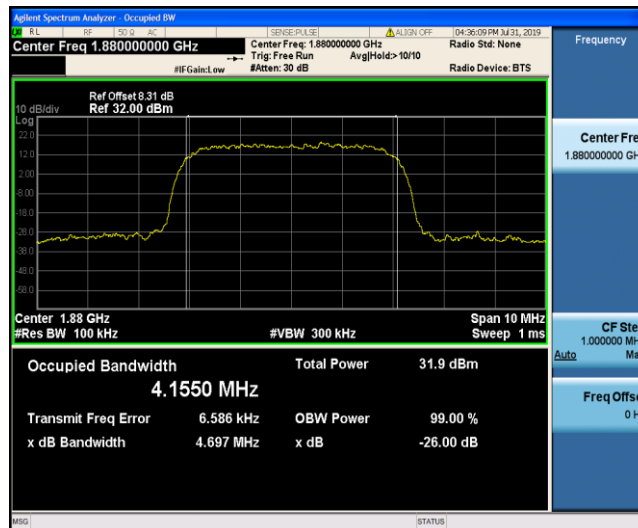
| Band | Channel | Occupied Bandwidth (kHz) | 26dB Bandwidth (kHz) | Limit(kHz) | Verdict |
|---------|---------|--------------------------|----------------------|------------|---------|
| Band II | 9262 | 4156.4 | 4684 | --- | PASS |
| Band II | 9400 | 4155.0 | 4697 | --- | PASS |
| Band II | 9538 | 4154.9 | 4703 | --- | PASS |
| Band V | 4132 | 4151.6 | 4681 | --- | PASS |
| Band V | 4182 | 4155.5 | 4679 | --- | PASS |
| Band V | 4233 | 4144.6 | 4678 | --- | PASS |



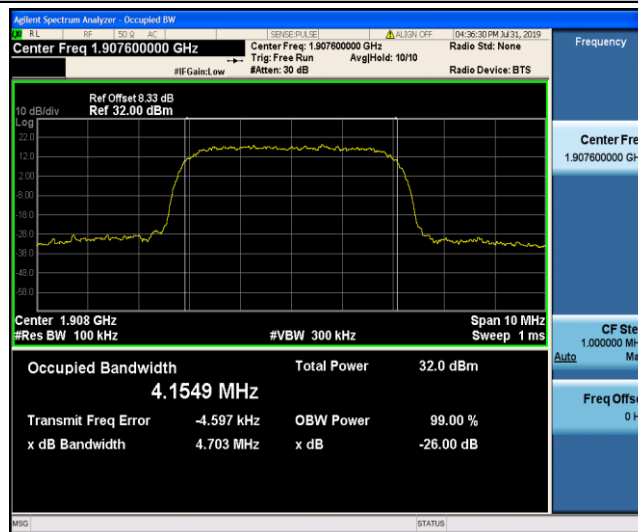
Test Graphs



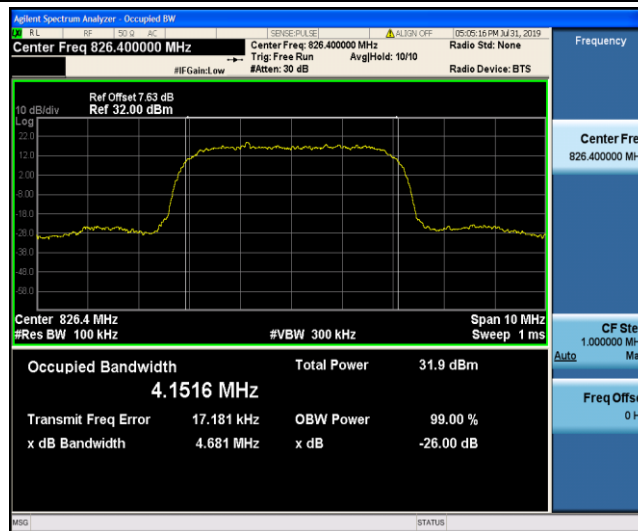
Band II_9262



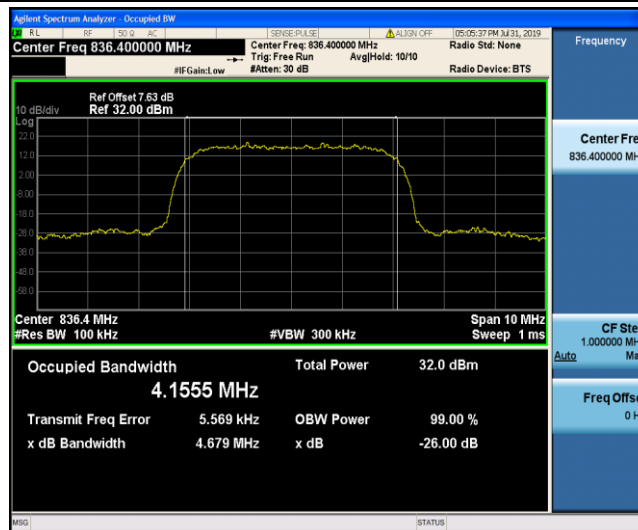
Band II_9400



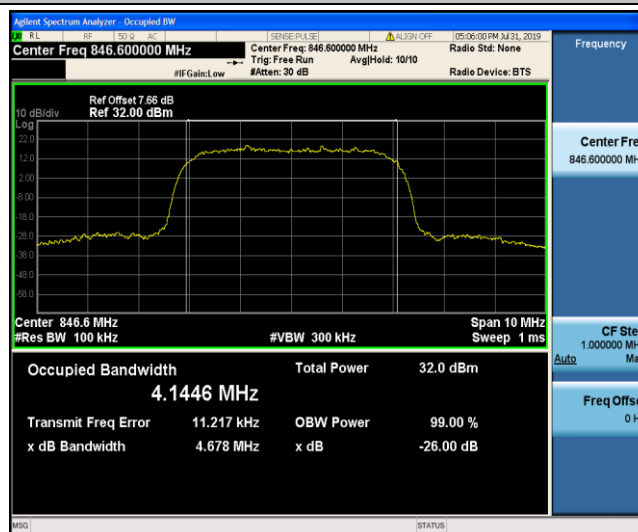
Band II_9538



Band V_4132



Band V_4182



Band V_4233



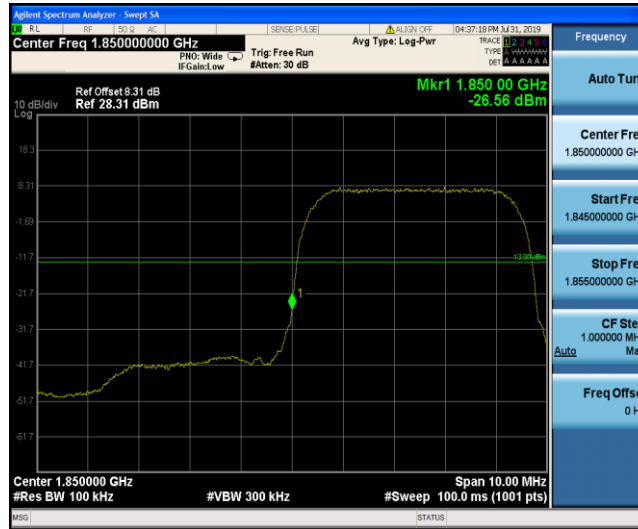
8.4 Appendix D: Band Edge

Test Result

| Band | Channel | Value(dBm) | Limit(dBm) | Verdict |
|---------|---------|------------|------------|---------|
| Band II | 9262 | -26.56 | -13 | PASS |
| Band II | 9538 | -26.79 | -13 | PASS |
| Band V | 4132 | -26.44 | -13 | PASS |
| Band V | 4233 | -26.45 | -13 | PASS |



Test Graphs



Band II_9262



Band II_9538



Band V_4132



Band V_4233



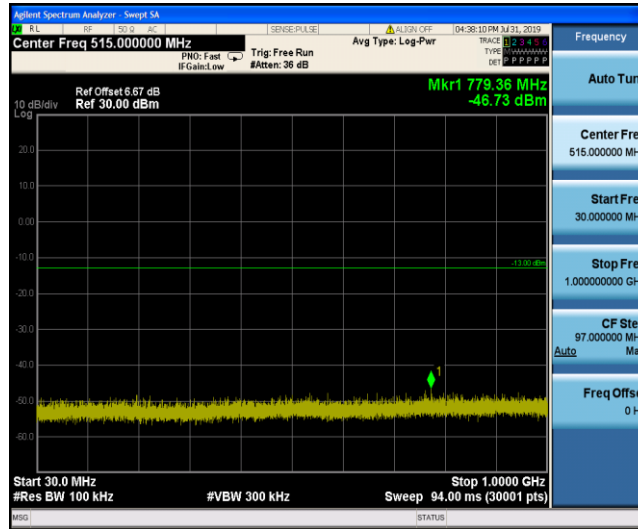
8.5 Appendix E: Conducted Spurious Emission

Test Result

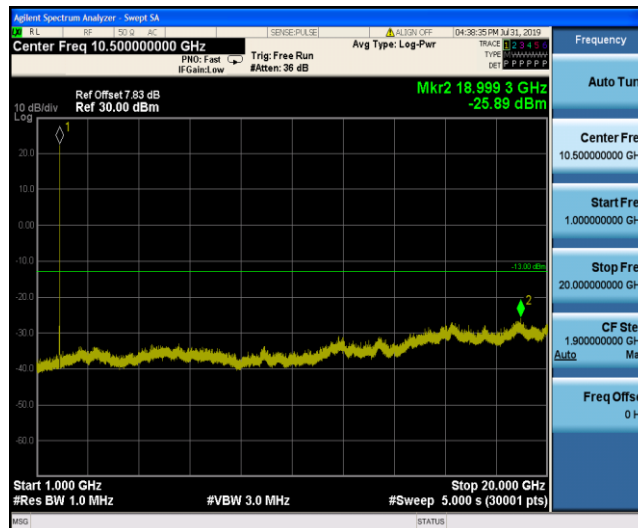
| Band | Channel | Frequency Rang(Mhz) | Value(dBm) | Limit(dBm) | Verdict |
|---------|---------|---------------------|------------|------------|---------|
| Band II | 9262 | 30~1000 | -46.73 | -13 | PASS |
| Band II | 9262 | 1000~20000 | -25.89 | -13 | PASS |
| Band II | 9400 | 30~1000 | -46.60 | -13 | PASS |
| Band II | 9400 | 1000~20000 | -26.17 | -13 | PASS |
| Band II | 9538 | 30~1000 | -47.30 | -13 | PASS |
| Band II | 9538 | 1000~20000 | -26.01 | -13 | PASS |
| Band V | 4132 | 30~1000 | -46.80 | -13 | PASS |
| Band V | 4132 | 1000~10000 | -32.45 | -13 | PASS |
| Band V | 4182 | 30~1000 | -47.57 | -13 | PASS |
| Band V | 4182 | 1000~10000 | -32.39 | -13 | PASS |
| Band V | 4233 | 30~1000 | -47.26 | -13 | PASS |
| Band V | 4233 | 1000~10000 | -32.99 | -13 | PASS |



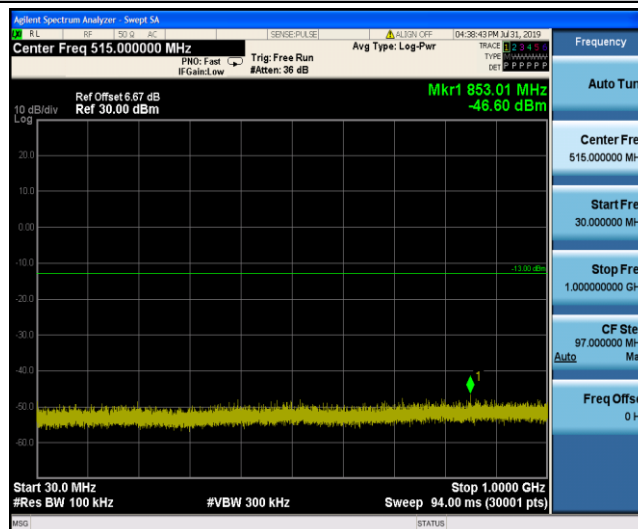
Test Graphs



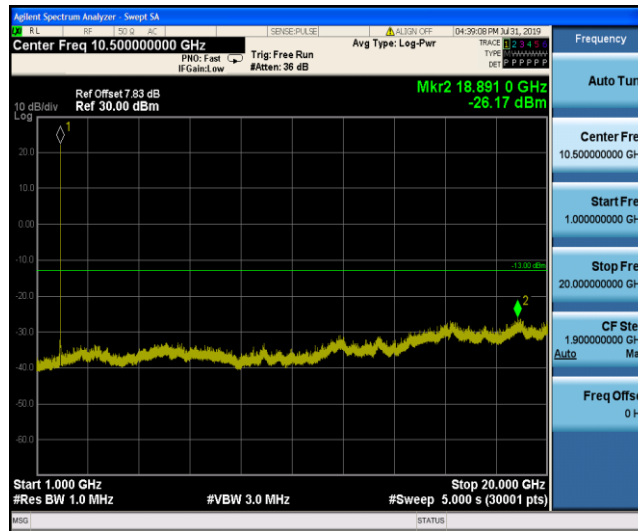
Band II_9262



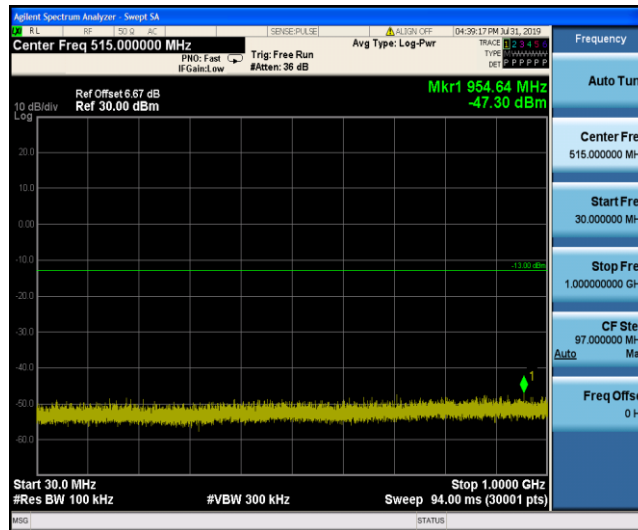
Band II_9262



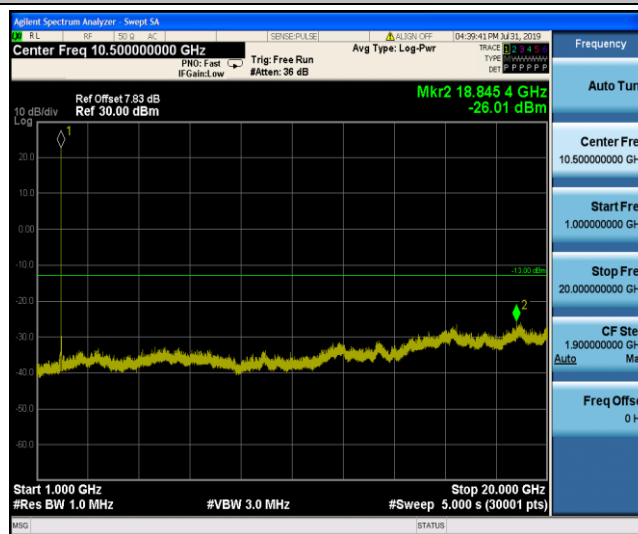
Band II_9400



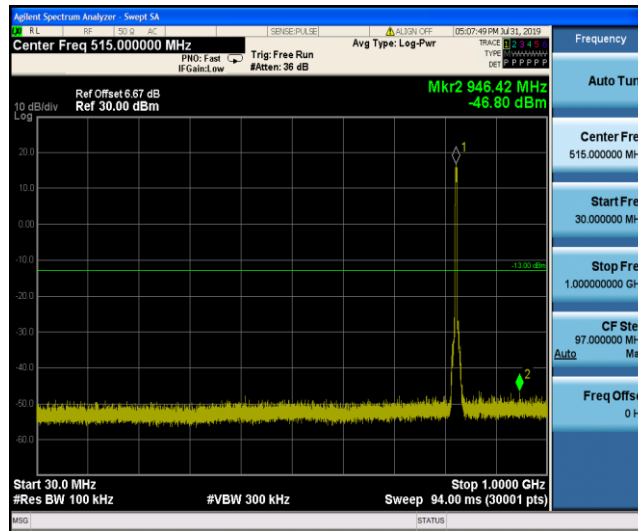
Band II_9400



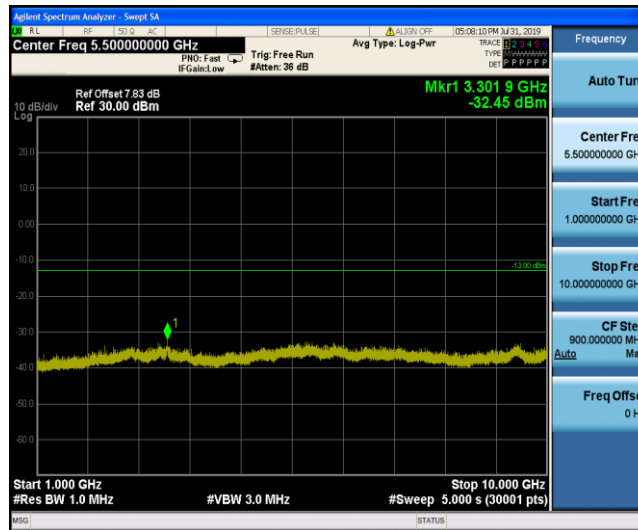
Band II_9538



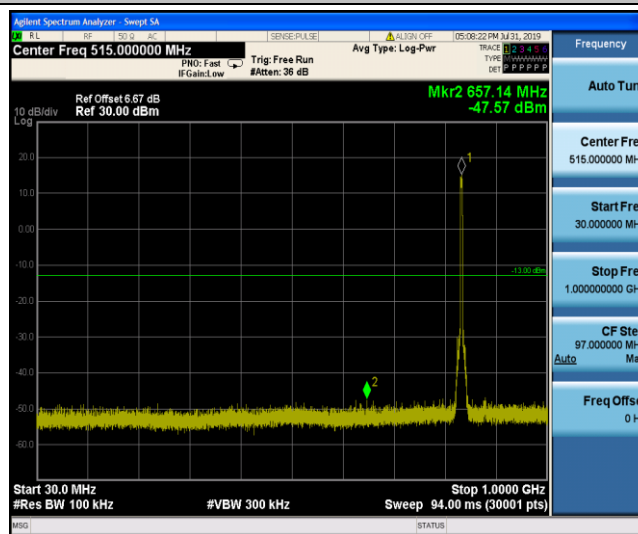
Band II_9538



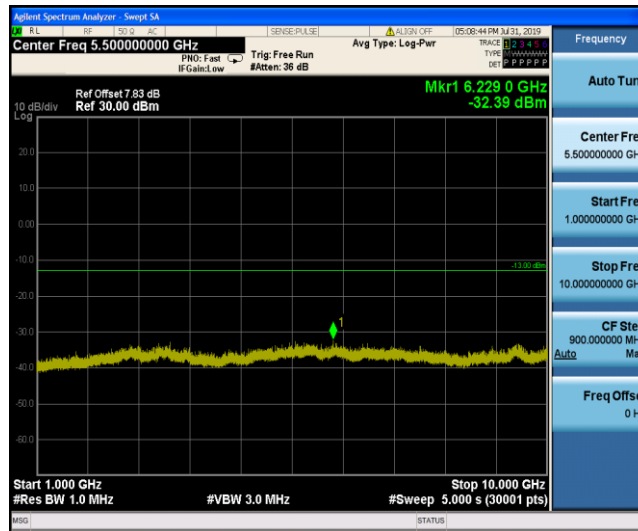
Band V_4132



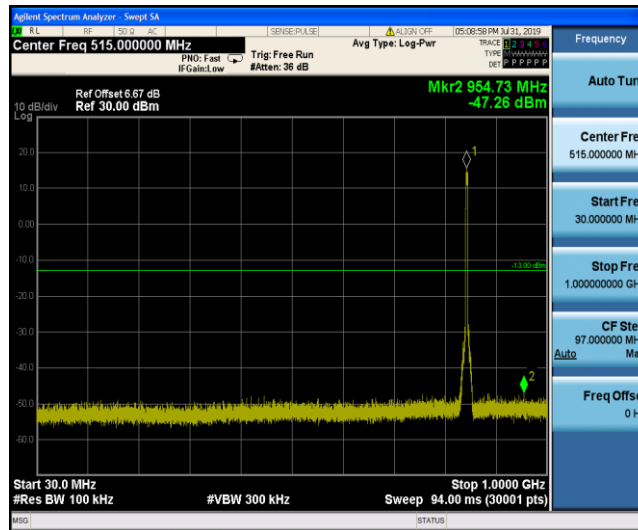
Band V_4132



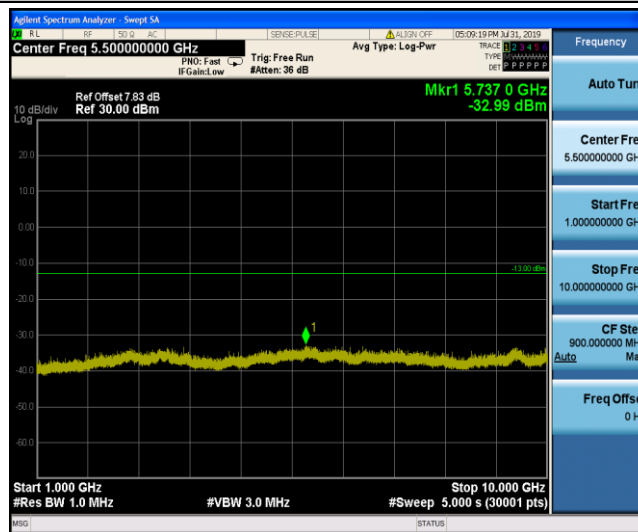
Band V_4182



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 | -0.48 | -0.000259 | 2.5 | PASS |
| Band II | 9262 | VN | TN | -1.87 | -0.001012 | 2.5 | PASS |
| Band II | 9262 | VH | TN | -0.79 | -0.000425 | 2.5 | PASS |
| Band II | 9400 | VL | TN | -5.41 | -0.002880 | 2.5 | PASS |
| Band II | 9400 | VN | TN | -5.63 | -0.002994 | 2.5 | PASS |
| Band II | 9400 | VH | TN | -2.93 | -0.001556 | 2.5 | PASS |
| Band II | 9538 | VL | TN | -2.52 | -0.001320 | 2.5 | PASS |
| Band II | 9538 | VN | TN | -1.13 | -0.000592 | 2.5 | PASS |
| Band II | 9538 | VH | TN | 5.02 | 0.002632 | 2.5 | PASS |
| Band V | 4132 | VL | TN | 3.16 | 0.003826 | 2.5 | PASS |
| Band V | 4132 | VN | TN | -2.30 | -0.002778 | 2.5 | PASS |
| Band V | 4132 | VH | TN | 2.54 | 0.003073 | 2.5 | PASS |
| Band V | 4182 | VL | TN | 1.46 | 0.001745 | 2.5 | PASS |
| Band V | 4182 | VN | TN | -3.25 | -0.003882 | 2.5 | PASS |
| Band V | 4182 | VH | TN | -1.56 | -0.001864 | 2.5 | PASS |
| Band V | 4233 | VL | TN | -1.32 | -0.001555 | 2.5 | PASS |
| Band V | 4233 | VN | TN | -2.45 | -0.002898 | 2.5 | PASS |
| Band V | 4233 | VH | TN | 0.79 | 0.000929 | 2.5 | PASS |



| Temperature | | | | | | | |
|-------------|---------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band | Channel | Voltage (Vdc) | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band II | 9262 | VN | -30 | 0.16 | 0.000089 | 2.5 | PASS |
| Band II | 9262 | VN | -20 | -2.37 | -0.001278 | 2.5 | PASS |
| Band II | 9262 | VN | -10 | -0.26 | -0.000139 | 2.5 | PASS |
| Band II | 9262 | VN | 0 | -5.61 | -0.003031 | 2.5 | PASS |
| Band II | 9262 | VN | 10 | -2.23 | -0.001205 | 2.5 | PASS |
| Band II | 9262 | VN | 20 | 0.73 | 0.000394 | 2.5 | PASS |
| Band II | 9262 | VN | 30 | 4.67 | 0.002521 | 2.5 | PASS |
| Band II | 9262 | VN | 40 | 6.34 | 0.003425 | 2.5 | PASS |
| Band II | 9262 | VN | 50 | 9.58 | 0.005170 | 2.5 | PASS |
| Band II | 9400 | VN | -30 | -4.16 | -0.002214 | 2.5 | PASS |
| Band II | 9400 | VN | -20 | -0.56 | -0.000297 | 2.5 | PASS |
| Band II | 9400 | VN | -10 | -3.25 | -0.001727 | 2.5 | PASS |
| Band II | 9400 | VN | 0 | -1.87 | -0.000997 | 2.5 | PASS |
| Band II | 9400 | VN | 10 | -6.31 | -0.003356 | 2.5 | PASS |
| Band II | 9400 | VN | 20 | -3.33 | -0.001773 | 2.5 | PASS |
| Band II | 9400 | VN | 30 | -6.26 | -0.003329 | 2.5 | PASS |
| Band II | 9400 | VN | 40 | 1.58 | 0.000841 | 2.5 | PASS |
| Band II | 9400 | VN | 50 | -0.71 | -0.000377 | 2.5 | PASS |
| Band II | 9538 | VN | -30 | -5.56 | -0.002913 | 2.5 | PASS |
| Band II | 9538 | VN | -20 | 1.24 | 0.000649 | 2.5 | PASS |
| Band II | 9538 | VN | -10 | 2.61 | 0.001369 | 2.5 | PASS |
| Band II | 9538 | VN | 0 | -0.13 | -0.000067 | 2.5 | PASS |
| Band II | 9538 | VN | 10 | -1.72 | -0.000904 | 2.5 | PASS |
| Band II | 9538 | VN | 20 | -4.47 | -0.002343 | 2.5 | PASS |
| Band II | 9538 | VN | 30 | -2.62 | -0.001376 | 2.5 | PASS |
| Band II | 9538 | VN | 40 | 5.49 | 0.002880 | 2.5 | PASS |
| Band II | 9538 | VN | 50 | 9.65 | 0.005058 | 2.5 | PASS |
| Band V | 4132 | VN | -30 | -0.89 | -0.001082 | 2.5 | PASS |
| Band V | 4132 | VN | -20 | 0.69 | 0.000831 | 2.5 | PASS |
| Band V | 4132 | VN | -10 | 4.08 | 0.004942 | 2.5 | PASS |
| Band V | 4132 | VN | 0 | -1.45 | -0.001757 | 2.5 | PASS |
| Band V | 4132 | VN | 10 | 2.77 | 0.003350 | 2.5 | PASS |
| Band V | 4132 | VN | 20 | 0.88 | 0.001065 | 2.5 | PASS |
| Band V | 4132 | VN | 30 | -4.16 | -0.005029 | 2.5 | PASS |
| Band V | 4132 | VN | 40 | -0.42 | -0.000511 | 2.5 | PASS |
| Band V | 4132 | VN | 50 | 3.99 | 0.004830 | 2.5 | PASS |
| Band V | 4182 | VN | -30 | -3.20 | -0.003823 | 2.5 | PASS |
| Band V | 4182 | VN | -20 | -3.68 | -0.004404 | 2.5 | PASS |
| Band V | 4182 | VN | -10 | -2.78 | -0.003318 | 2.5 | PASS |
| Band V | 4182 | VN | 0 | -2.36 | -0.002822 | 2.5 | PASS |
| Band V | 4182 | VN | 10 | -2.78 | -0.003327 | 2.5 | PASS |
| Band V | 4182 | VN | 20 | -0.99 | -0.001180 | 2.5 | PASS |
| Band V | 4182 | VN | 30 | 0.24 | 0.000291 | 2.5 | PASS |
| Band V | 4182 | VN | 40 | -2.15 | -0.002565 | 2.5 | PASS |
| Band V | 4182 | VN | 50 | 3.20 | 0.003831 | 2.5 | PASS |
| Band V | 4233 | VN | -30 | 1.16 | 0.001369 | 2.5 | PASS |
| Band V | 4233 | VN | -20 | -0.39 | -0.000456 | 2.5 | PASS |
| Band V | 4233 | VN | -10 | -0.11 | -0.000127 | 2.5 | PASS |



| | | | | | | | |
|--------|------|----|----|-------|-----------|-----|------|
| Band V | 4233 | VN | 0 | 0.39 | 0.000456 | 2.5 | PASS |
| Band V | 4233 | VN | 10 | -0.67 | -0.000794 | 2.5 | PASS |
| Band V | 4233 | VN | 20 | -2.15 | -0.002535 | 2.5 | PASS |
| Band V | 4233 | VN | 30 | 1.52 | 0.001791 | 2.5 | PASS |
| Band V | 4233 | VN | 40 | 1.29 | 0.001521 | 2.5 | PASS |
| Band V | 4233 | VN | 50 | -0.59 | -0.000701 | 2.5 | PASS |

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