

**8.1 Appendix A: Conducted Output Power**

Test Result

| Band | Channel | Power(dBm) | Limit(dBm) | Verdict |
|---------|---------|------------|------------|---------|
| Band II | 9262 | 23.19 | 33 | PASS |
| Band II | 9400 | 23.01 | 33 | PASS |
| Band II | 9538 | 22.97 | 33 | PASS |
| Band V | 4132 | 23.95 | 38.5 | PASS |
| Band V | 4182 | 23.84 | 38.5 | PASS |
| Band V | 4233 | 23.56 | 38.5 | PASS |

| Band | Channel | SubTest | Power(dBm) | Limit(dBm) | Verdict |
|---------|---------|------------|------------|------------|---------|
| Band II | 9262 | HSDPA_Sub0 | 22.29 | 33 | PASS |
| Band II | 9262 | HSDPA_Sub1 | 21.74 | 33 | PASS |
| Band II | 9262 | HSDPA_Sub2 | 21.76 | 33 | PASS |
| Band II | 9262 | HSDPA_Sub3 | 21.74 | 33 | PASS |
| Band II | 9400 | HSDPA_Sub0 | 22.04 | 33 | PASS |
| Band II | 9400 | HSDPA_Sub1 | 21.58 | 33 | PASS |
| Band II | 9400 | HSDPA_Sub2 | 21.58 | 33 | PASS |
| Band II | 9400 | HSDPA_Sub3 | 21.57 | 33 | PASS |
| Band II | 9538 | HSDPA_Sub0 | 22.03 | 33 | PASS |
| Band II | 9538 | HSDPA_Sub1 | 21.51 | 33 | PASS |
| Band II | 9538 | HSDPA_Sub2 | 21.51 | 33 | PASS |
| Band II | 9538 | HSDPA_Sub3 | 21.48 | 33 | PASS |
| Band V | 4132 | HSDPA_Sub0 | 22.95 | 38.5 | PASS |
| Band V | 4132 | HSDPA_Sub1 | 22.41 | 38.5 | PASS |
| Band V | 4132 | HSDPA_Sub2 | 22.44 | 38.5 | PASS |
| Band V | 4132 | HSDPA_Sub3 | 22.39 | 38.5 | PASS |
| Band V | 4182 | HSDPA_Sub0 | 22.85 | 38.5 | PASS |
| Band V | 4182 | HSDPA_Sub1 | 22.31 | 38.5 | PASS |
| Band V | 4182 | HSDPA_Sub2 | 22.36 | 38.5 | PASS |
| Band V | 4182 | HSDPA_Sub3 | 22.34 | 38.5 | PASS |
| Band V | 4233 | HSDPA_Sub0 | 22.56 | 38.5 | PASS |
| Band V | 4233 | HSDPA_Sub1 | 22.03 | 38.5 | PASS |
| Band V | 4233 | HSDPA_Sub2 | 22.07 | 38.5 | PASS |
| Band V | 4233 | HSDPA_Sub3 | 21.97 | 38.5 | PASS |



| Band | Channel | SubTest | Power(dBm) | Limit(dBm) | Verdict |
|---------|---------|------------|------------|------------|---------|
| Band II | 9262 | HSUPA_Sub1 | 20.45 | 33 | PASS |
| Band II | 9262 | HSUPA_Sub2 | 20.93 | 33 | PASS |
| Band II | 9262 | HSUPA_Sub3 | 21.41 | 33 | PASS |
| Band II | 9262 | HSUPA_Sub4 | 20.42 | 33 | PASS |
| Band II | 9262 | HSUPA_Sub5 | 22.31 | 33 | PASS |
| Band II | 9400 | HSUPA_Sub1 | 20.40 | 33 | PASS |
| Band II | 9400 | HSUPA_Sub2 | 20.84 | 33 | PASS |
| Band II | 9400 | HSUPA_Sub3 | 21.36 | 33 | PASS |
| Band II | 9400 | HSUPA_Sub4 | 20.33 | 33 | PASS |
| Band II | 9400 | HSUPA_Sub5 | 22.24 | 33 | PASS |
| Band II | 9538 | HSUPA_Sub1 | 20.34 | 33 | PASS |
| Band II | 9538 | HSUPA_Sub2 | 20.83 | 33 | PASS |
| Band II | 9538 | HSUPA_Sub3 | 21.30 | 33 | PASS |
| Band II | 9538 | HSUPA_Sub4 | 20.42 | 33 | PASS |
| Band II | 9538 | HSUPA_Sub5 | 22.26 | 33 | PASS |
| Band V | 4132 | HSUPA_Sub1 | 20.98 | 38.5 | PASS |
| Band V | 4132 | HSUPA_Sub2 | 21.40 | 38.5 | PASS |
| Band V | 4132 | HSUPA_Sub3 | 21.95 | 38.5 | PASS |
| Band V | 4132 | HSUPA_Sub4 | 21.00 | 38.5 | PASS |
| Band V | 4132 | HSUPA_Sub5 | 22.94 | 38.5 | PASS |
| Band V | 4182 | HSUPA_Sub1 | 20.89 | 38.5 | PASS |
| Band V | 4182 | HSUPA_Sub2 | 21.35 | 38.5 | PASS |
| Band V | 4182 | HSUPA_Sub3 | 21.95 | 38.5 | PASS |
| Band V | 4182 | HSUPA_Sub4 | 20.89 | 38.5 | PASS |
| Band V | 4182 | HSUPA_Sub5 | 22.87 | 38.5 | PASS |
| Band V | 4233 | HSUPA_Sub1 | 20.52 | 38.5 | PASS |
| Band V | 4233 | HSUPA_Sub2 | 21.01 | 38.5 | PASS |
| Band V | 4233 | HSUPA_Sub3 | 21.56 | 38.5 | PASS |
| Band V | 4233 | HSUPA_Sub4 | 20.63 | 38.5 | PASS |
| Band V | 4233 | HSUPA_Sub5 | 22.56 | 38.5 | PASS |



8.2 Appendix B: Peak-to-Average Ratio

Test Result

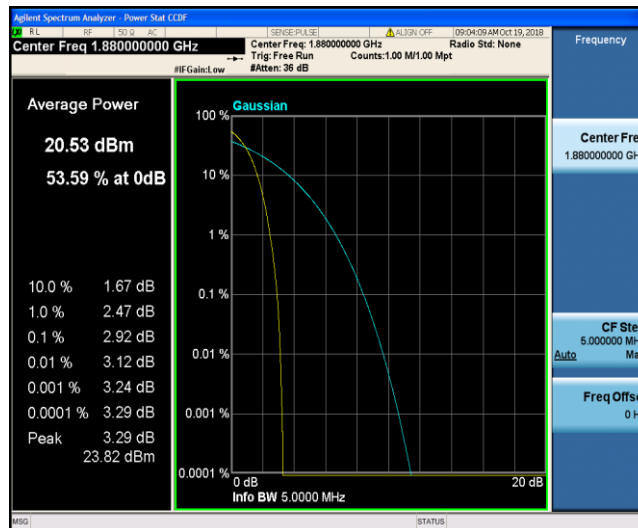
| Band | Channel | Peak-to-Average Ratio(dB) | Limit(dB) | Verdict |
|---------|---------|---------------------------|-----------|---------|
| Band II | 9262 | 2.78 | 13 | PASS |
| Band II | 9400 | 2.92 | 13 | PASS |
| Band II | 9538 | 2.97 | 13 | PASS |
| Band V | 4132 | 2.95 | 13 | PASS |
| Band V | 4182 | 3.01 | 13 | PASS |
| Band V | 4233 | 2.63 | 13 | PASS |



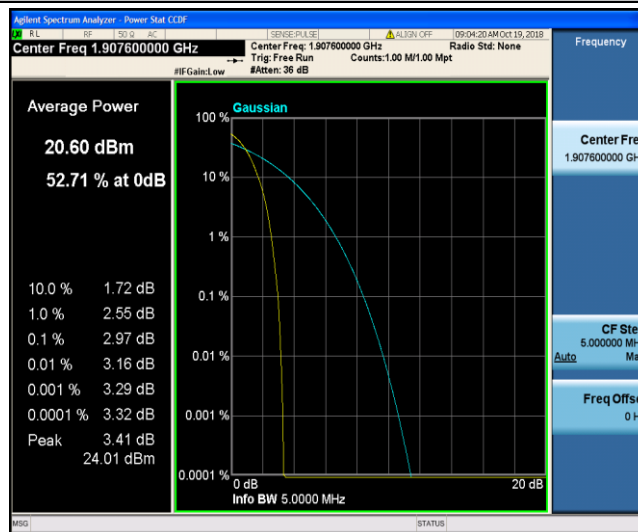
Test Graphs



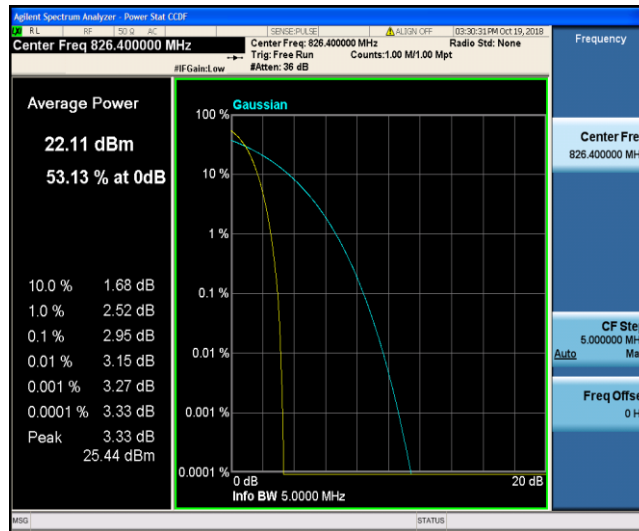
Band II_9262



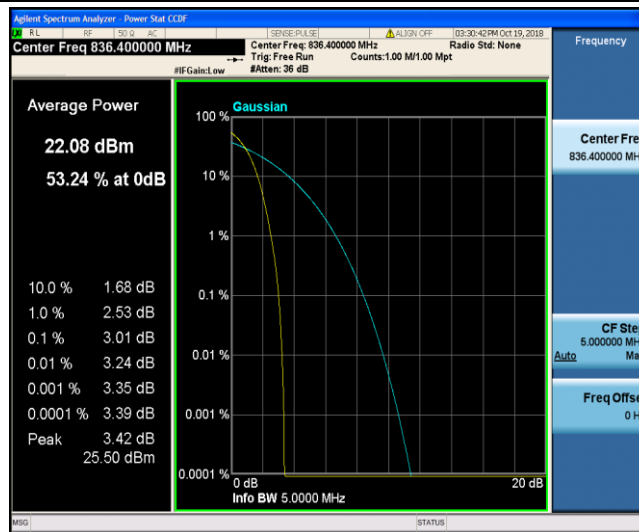
Band II_9400



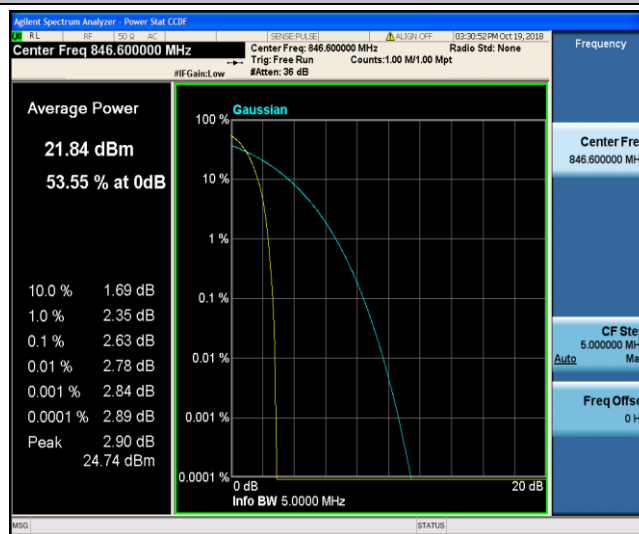
Band II_9538



Band V_4132



Band V_4182



Band V_4233



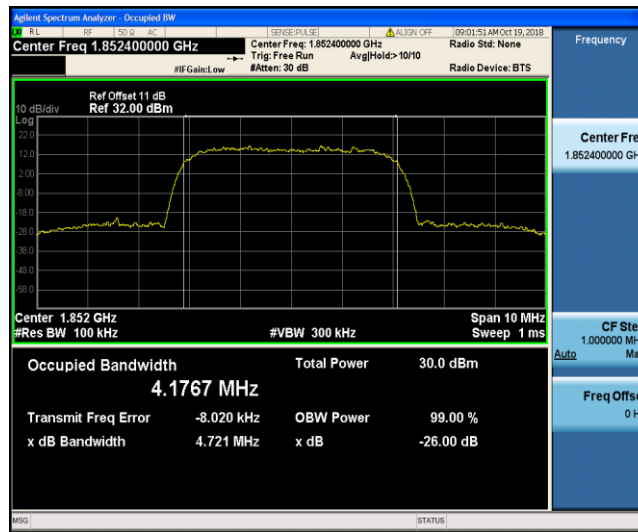
8.3 Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

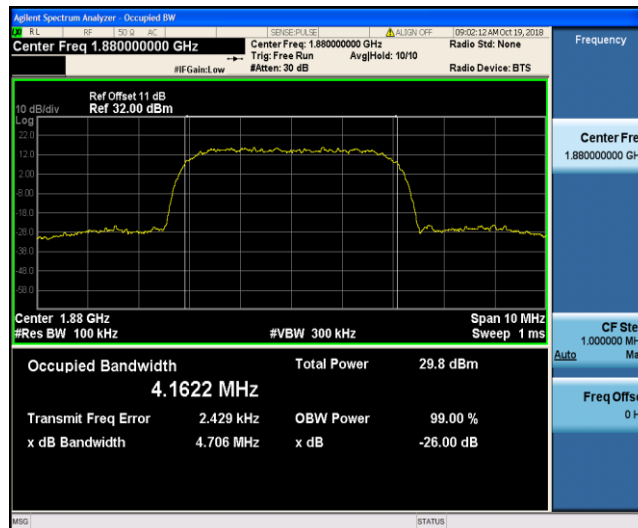
| Band | Channel | Occupied Bandwidth (kHz) | 26dB Bandwidth (kHz) | Limit(kHz) | Verdict |
|---------|---------|--------------------------|----------------------|------------|---------|
| Band II | 9262 | 4176.7 | 4721 | --- | PASS |
| Band II | 9400 | 4162.2 | 4706 | --- | PASS |
| Band II | 9538 | 4149.9 | 4714 | --- | PASS |
| Band V | 4132 | 4147.9 | 4687 | --- | PASS |
| Band V | 4182 | 4164.8 | 4708 | --- | PASS |
| Band V | 4233 | 4167.8 | 4701 | --- | PASS |



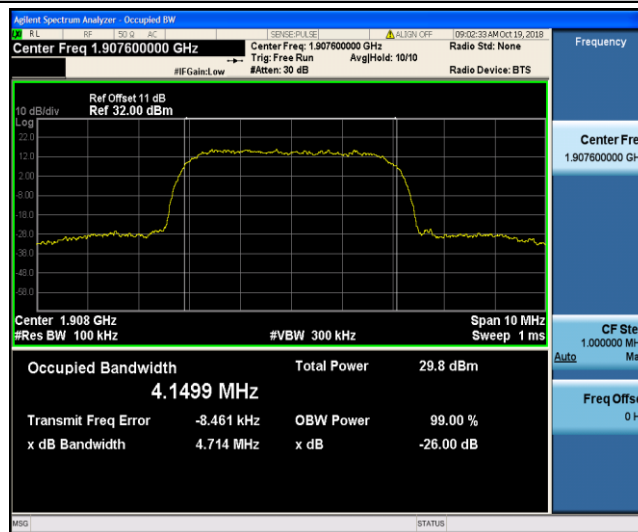
Test Graphs



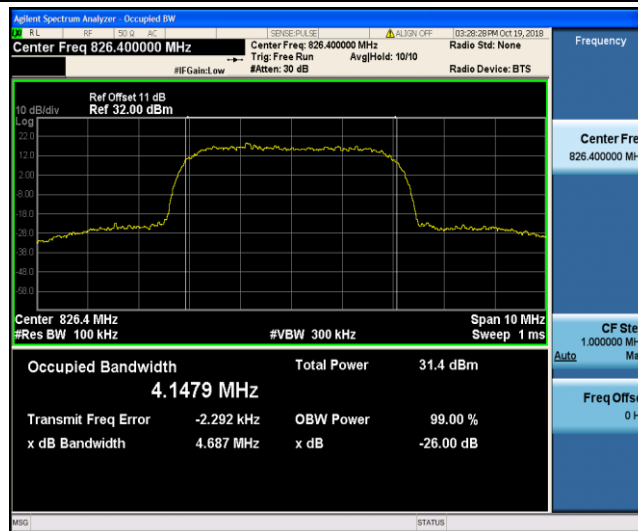
Band II_9262



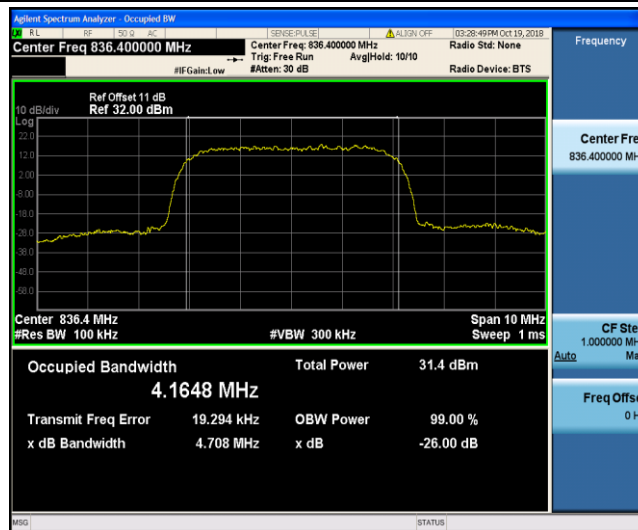
Band II_9400



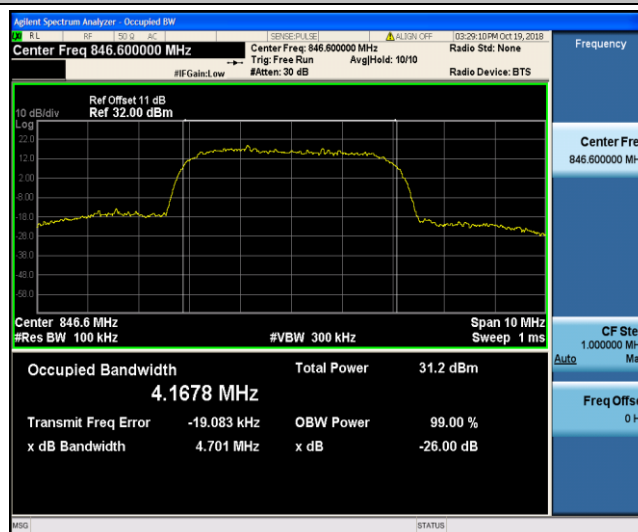
Band II_9538



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 | -24.27 | -13 | PASS |
| Band II | 9538 | -27.75 | -13 | PASS |
| Band V | 4132 | -24.18 | -13 | PASS |
| Band V | 4233 | -23.25 | -13 | PASS |



Test Graphs



Band II_9262



Band II_9538



Band V_4132



Band V_4233

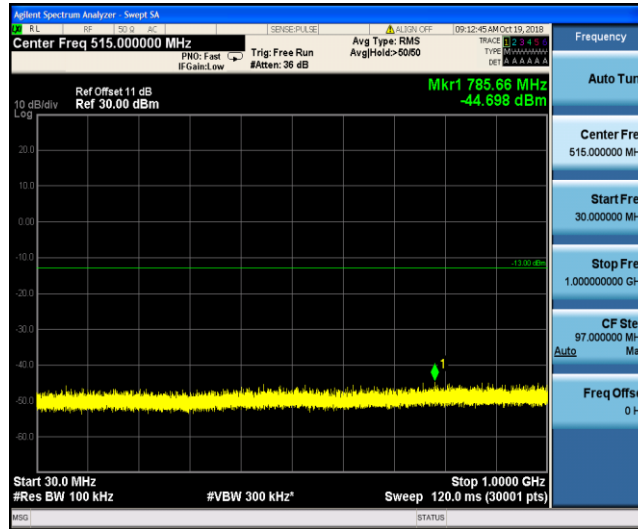
**8.5 Appendix E: Conducted Spurious Emission**

Test Result

| Band | Channel | Frequency Rang(Mhz) | Value(dBm) | Limit(dBm) | Verdict |
|---------|---------|---------------------|------------|------------|---------|
| Band II | 9262 | 30~1000 | -44.70 | -13 | PASS |
| Band II | 9262 | 1000~20000 | -33.98 | -13 | PASS |
| Band II | 9400 | 30~1000 | -44.47 | -13 | PASS |
| Band II | 9400 | 1000~20000 | -33.99 | -13 | PASS |
| Band II | 9538 | 30~1000 | -43.91 | -13 | PASS |
| Band II | 9538 | 1000~20000 | -34.05 | -13 | PASS |
| Band V | 4132 | 30~1000 | -44.23 | -13 | PASS |
| Band V | 4132 | 1000~20000 | -33.39 | -13 | PASS |
| Band V | 4182 | 30~1000 | -44.21 | -13 | PASS |
| Band V | 4182 | 1000~20000 | -33.69 | -13 | PASS |
| Band V | 4233 | 30~1000 | -43.83 | -13 | PASS |
| Band V | 4233 | 1000~20000 | -33.64 | -13 | PASS |



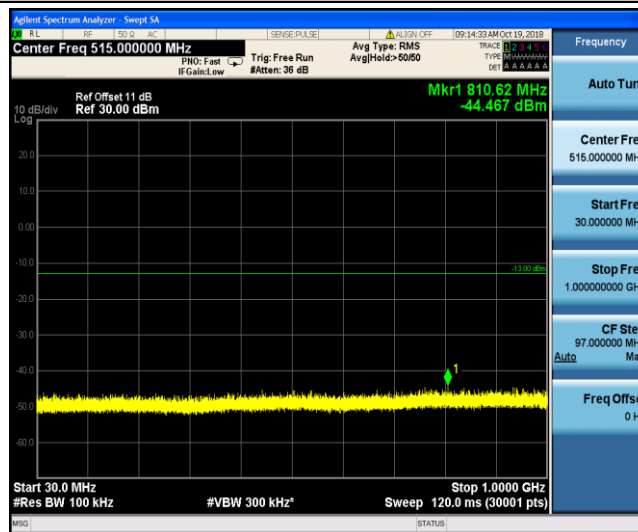
Test Graphs



Band II_9262



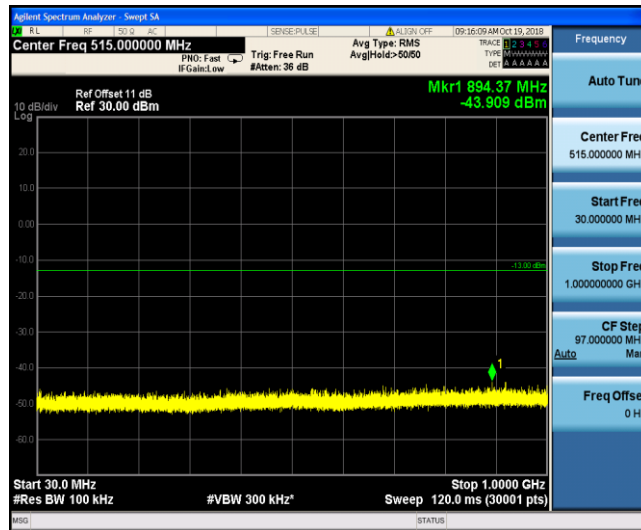
Band II_9262



Band II_9400



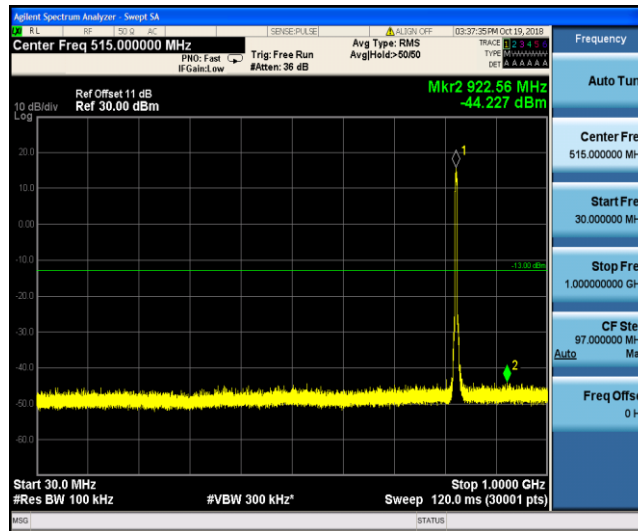
Band II_9400



Band II_9538



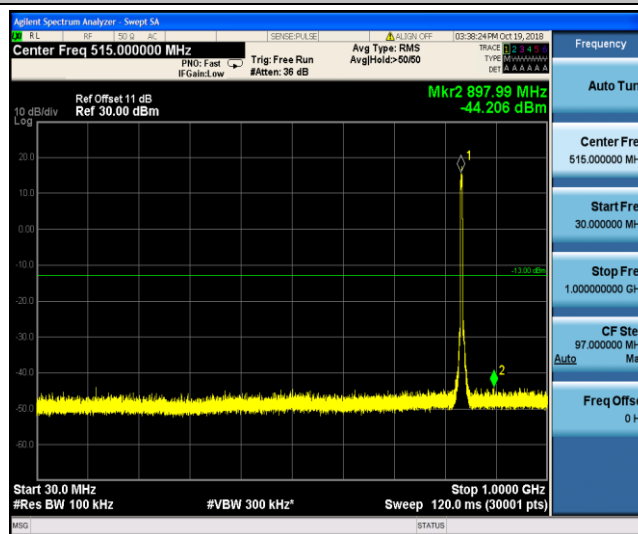
Band II_9538



Band V_4132



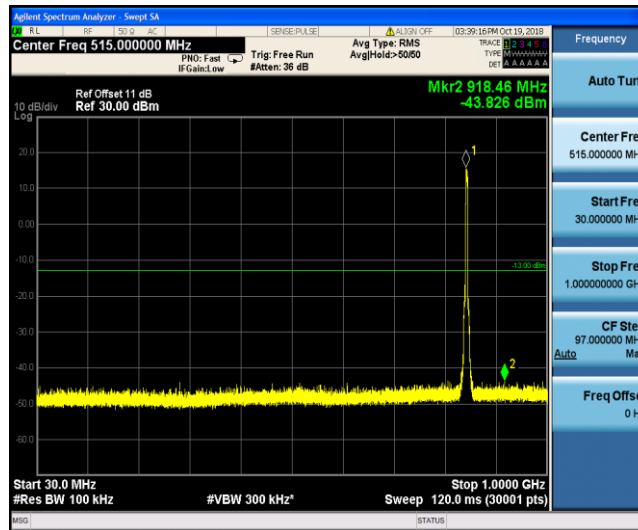
Band V_4132



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 | 0.04 | 0.000023 | 2.5 | PASS |
| Band II | 9262 | VN | TN | -3.78 | -0.002043 | 2.5 | PASS |
| Band II | 9262 | VH | TN | 0.51 | 0.000278 | 2.5 | PASS |
| Band II | 9400 | VL | TN | 0.95 | 0.000506 | 2.5 | PASS |
| Band II | 9400 | VN | TN | 3.59 | 0.001910 | 2.5 | PASS |
| Band II | 9400 | VH | TN | 1.90 | 0.001008 | 2.5 | PASS |
| Band II | 9538 | VL | TN | -0.38 | -0.000199 | 2.5 | PASS |
| Band II | 9538 | VN | TN | -0.44 | -0.000229 | 2.5 | PASS |
| Band II | 9538 | VH | TN | 1.56 | 0.000817 | 2.5 | PASS |
| Band V | 4132 | VL | TN | -1.43 | -0.001731 | 2.5 | PASS |
| Band V | 4132 | VN | TN | -2.29 | -0.002770 | 2.5 | PASS |
| Band V | 4132 | VH | TN | -1.89 | -0.002285 | 2.5 | PASS |
| Band V | 4182 | VL | TN | -1.17 | -0.001402 | 2.5 | PASS |
| Band V | 4182 | VN | TN | -0.62 | -0.000735 | 2.5 | PASS |
| Band V | 4182 | VH | TN | 0.34 | 0.000402 | 2.5 | PASS |
| Band V | 4233 | VL | TN | 0.92 | 0.001090 | 2.5 | PASS |
| Band V | 4233 | VN | TN | 2.29 | 0.002704 | 2.5 | PASS |
| Band V | 4233 | VH | TN | 1.75 | 0.002061 | 2.5 | PASS |



| Temperature | | | | | | | |
|-------------|---------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band | Channel | Voltage (Vdc) | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band II | 9262 | VN | -30 | -2.76 | -0.001490 | 2.5 | PASS |
| Band II | 9262 | VN | -20 | -1.91 | -0.001031 | 2.5 | PASS |
| Band II | 9262 | VN | -10 | -3.15 | -0.001703 | 2.5 | PASS |
| Band II | 9262 | VN | 0 | -2.85 | -0.001537 | 2.5 | PASS |
| Band II | 9262 | VN | 10 | -0.42 | -0.000228 | 2.5 | PASS |
| Band II | 9262 | VN | 20 | 1.84 | 0.000992 | 2.5 | PASS |
| Band II | 9262 | VN | 30 | 0.77 | 0.000413 | 2.5 | PASS |
| Band II | 9262 | VN | 40 | -2.94 | -0.001587 | 2.5 | PASS |
| Band II | 9262 | VN | 50 | 2.52 | 0.001359 | 2.5 | PASS |
| Band II | 9400 | VN | -30 | -1.57 | -0.000833 | 2.5 | PASS |
| Band II | 9400 | VN | -20 | -0.79 | -0.000419 | 2.5 | PASS |
| Band II | 9400 | VN | -10 | -1.82 | -0.000966 | 2.5 | PASS |
| Band II | 9400 | VN | 0 | 0.05 | 0.000027 | 2.5 | PASS |
| Band II | 9400 | VN | 10 | -4.12 | -0.002191 | 2.5 | PASS |
| Band II | 9400 | VN | 20 | -0.27 | -0.000145 | 2.5 | PASS |
| Band II | 9400 | VN | 30 | 0.35 | 0.000186 | 2.5 | PASS |
| Band II | 9400 | VN | 40 | 1.66 | 0.000883 | 2.5 | PASS |
| Band II | 9400 | VN | 50 | -1.17 | -0.000624 | 2.5 | PASS |
| Band II | 9538 | VN | -30 | 0.41 | 0.000214 | 2.5 | PASS |
| Band II | 9538 | VN | -20 | -0.94 | -0.000495 | 2.5 | PASS |
| Band II | 9538 | VN | -10 | 0.68 | 0.000356 | 2.5 | PASS |
| Band II | 9538 | VN | 0 | 0.04 | 0.000019 | 2.5 | PASS |
| Band II | 9538 | VN | 10 | 1.07 | 0.000562 | 2.5 | PASS |
| Band II | 9538 | VN | 20 | 1.17 | 0.000611 | 2.5 | PASS |
| Band II | 9538 | VN | 30 | -1.82 | -0.000952 | 2.5 | PASS |
| Band II | 9538 | VN | 40 | 0.08 | 0.000041 | 2.5 | PASS |
| Band II | 9538 | VN | 50 | -0.06 | -0.000030 | 2.5 | PASS |
| Band V | 4132 | VN | -30 | -1.17 | -0.001419 | 2.5 | PASS |
| Band V | 4132 | VN | -20 | -3.56 | -0.004310 | 2.5 | PASS |
| Band V | 4132 | VN | -10 | -0.21 | -0.000251 | 2.5 | PASS |
| Band V | 4132 | VN | 0 | -3.25 | -0.003929 | 2.5 | PASS |
| Band V | 4132 | VN | 10 | -2.70 | -0.003263 | 2.5 | PASS |
| Band V | 4132 | VN | 20 | -1.60 | -0.001939 | 2.5 | PASS |
| Band V | 4132 | VN | 30 | -2.05 | -0.002475 | 2.5 | PASS |
| Band V | 4132 | VN | 40 | -1.94 | -0.002346 | 2.5 | PASS |
| Band V | 4132 | VN | 50 | -2.26 | -0.002735 | 2.5 | PASS |
| Band V | 4182 | VN | -30 | 0.52 | 0.000624 | 2.5 | PASS |
| Band V | 4182 | VN | -20 | -1.25 | -0.001497 | 2.5 | PASS |
| Band V | 4182 | VN | -10 | -1.24 | -0.001488 | 2.5 | PASS |
| Band V | 4182 | VN | 0 | 0.38 | 0.000453 | 2.5 | PASS |
| Band V | 4182 | VN | 10 | 0.44 | 0.000530 | 2.5 | PASS |
| Band V | 4182 | VN | 20 | -2.20 | -0.002625 | 2.5 | PASS |
| Band V | 4182 | VN | 30 | 0.36 | 0.000436 | 2.5 | PASS |
| Band V | 4182 | VN | 40 | -1.15 | -0.001377 | 2.5 | PASS |
| Band V | 4182 | VN | 50 | -2.24 | -0.002677 | 2.5 | PASS |
| Band V | 4233 | VN | -30 | 0.03 | 0.000034 | 2.5 | PASS |
| Band V | 4233 | VN | -20 | -0.75 | -0.000887 | 2.5 | PASS |
| Band V | 4233 | VN | -10 | 0.20 | 0.000237 | 2.5 | PASS |



| | | | | | | | |
|--------|------|----|----|-------|-----------|-----|------|
| Band V | 4233 | VN | 0 | -0.21 | -0.000245 | 2.5 | PASS |
| Band V | 4233 | VN | 10 | -1.52 | -0.001791 | 2.5 | PASS |
| Band V | 4233 | VN | 20 | -0.26 | -0.000304 | 2.5 | PASS |
| Band V | 4233 | VN | 30 | 1.82 | 0.002154 | 2.5 | PASS |
| Band V | 4233 | VN | 40 | -0.56 | -0.000659 | 2.5 | PASS |
| Band V | 4233 | VN | 50 | -0.27 | -0.000321 | 2.5 | PASS |

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