

Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

| Band | Channel | Power(dBm) | EIRP | Limit(dBm) | Verdict |
|---------|---------|------------|-------|------------|---------|
| Band II | 9262 | 23.07 | 23.57 | 33 | PASS |
| Band II | 9400 | 22.86 | 23.36 | 33 | PASS |
| Band II | 9538 | 23.07 | 23.57 | 33 | PASS |

| Band | Channel | SubTest | Power(dBm) | EIRP | Limit(dBm) | Verdict |
|---------|---------|------------|------------|-------|------------|---------|
| Band II | 9262 | HSDPA_Sub0 | 22.12 | 22.62 | 33 | PASS |
| Band II | 9262 | HSDPA_Sub1 | 21.65 | 22.15 | 33 | PASS |
| Band II | 9262 | HSDPA_Sub2 | 21.58 | 22.08 | 33 | PASS |
| Band II | 9262 | HSDPA_Sub3 | 21.59 | 22.09 | 33 | PASS |
| Band II | 9400 | HSDPA_Sub0 | 21.92 | 22.42 | 33 | PASS |
| Band II | 9400 | HSDPA_Sub1 | 21.48 | 21.98 | 33 | PASS |
| Band II | 9400 | HSDPA_Sub2 | 21.53 | 22.03 | 33 | PASS |
| Band II | 9400 | HSDPA_Sub3 | 21.45 | 21.95 | 33 | PASS |
| Band II | 9538 | HSDPA_Sub0 | 22.05 | 22.55 | 33 | PASS |
| Band II | 9538 | HSDPA_Sub1 | 21.68 | 22.18 | 33 | PASS |
| Band II | 9538 | HSDPA_Sub2 | 21.70 | 22.2 | 33 | PASS |
| Band II | 9538 | HSDPA_Sub3 | 21.69 | 22.19 | 33 | PASS |

| Band | Channel | SubTest | Power(dBm) | EIRP | Limit(dBm) | Verdict |
|---------|---------|------------|------------|-------|------------|---------|
| Band II | 9262 | HSUPA_Sub1 | 20.67 | 21.17 | 33 | PASS |
| Band II | 9262 | HSUPA_Sub2 | 20.83 | 21.33 | 33 | PASS |
| Band II | 9262 | HSUPA_Sub3 | 20.85 | 21.35 | 33 | PASS |
| Band II | 9262 | HSUPA_Sub4 | 20.69 | 21.19 | 33 | PASS |
| Band II | 9262 | HSUPA_Sub5 | 22.73 | 23.23 | 33 | PASS |
| Band II | 9400 | HSUPA_Sub1 | 19.52 | 20.02 | 33 | PASS |
| Band II | 9400 | HSUPA_Sub2 | 22.74 | 23.24 | 33 | PASS |
| Band II | 9400 | HSUPA_Sub3 | 21.73 | 22.23 | 33 | PASS |
| Band II | 9400 | HSUPA_Sub4 | 22.41 | 22.91 | 33 | PASS |
| Band II | 9400 | HSUPA_Sub5 | 22.54 | 23.04 | 33 | PASS |
| Band II | 9538 | HSUPA_Sub1 | 20.21 | 20.71 | 33 | PASS |
| Band II | 9400 | HSUPA_Sub2 | 22.11 | 22.61 | 33 | PASS |
| Band II | 9400 | HSUPA_Sub3 | 21.98 | 22.48 | 33 | PASS |
| Band II | 9400 | HSUPA_Sub4 | 22.14 | 22.64 | 33 | PASS |
| Band II | 9400 | HSUPA_Sub5 | 22.67 | 23.17 | 33 | PASS |

Appendix B: Peak-to-Average Ratio

Test Result

Test Result

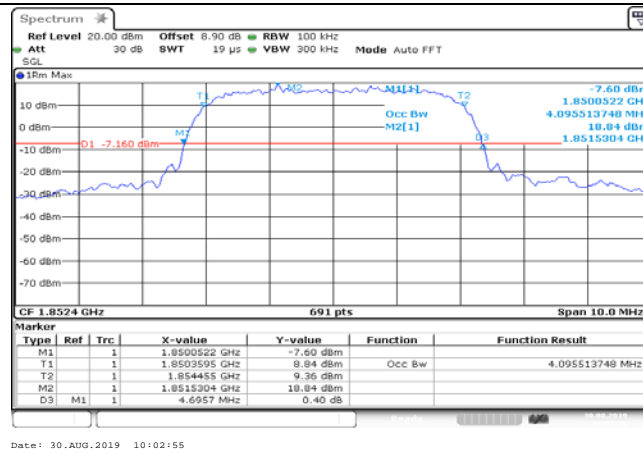
| Band | Channel | Peak-to-Average Ratio(dB) | Limit(dBm) | Verdict |
|---------|---------|---------------------------|------------|---------|
| Band II | 9262 | 3.10 | 13 | PASS |
| Band II | 9400 | 3.10 | 13 | PASS |
| Band II | 9538 | 3.10 | 13 | PASS |

Appendix C: 26dB Bandwidth and Occupied Bandwidth

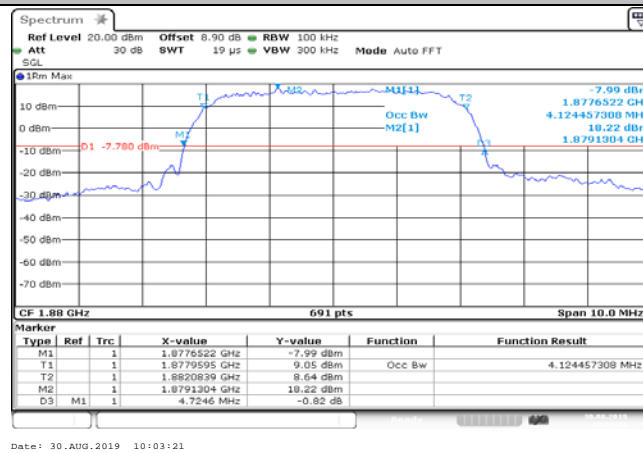
Test Result

| Band | Channel | Occupied Bandwidth (kHz) | 26dB Bandwidth (kHz) | Limit(kHz) | Verdict |
|---------|---------|-----------------------------|-------------------------|------------|---------|
| Band II | 9262 | 4095.5 | 4696 | --- | PASS |
| Band II | 9400 | 4124.5 | 4725 | --- | PASS |
| Band II | 9538 | 4110.0 | 4725 | --- | PASS |

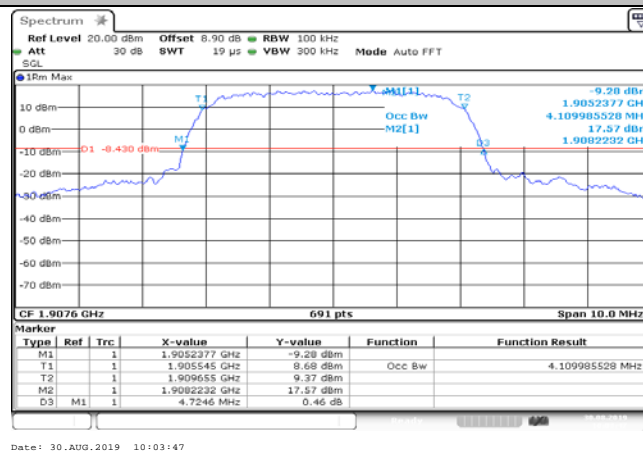
Test Graphs



Band II_9262



Band II_9400



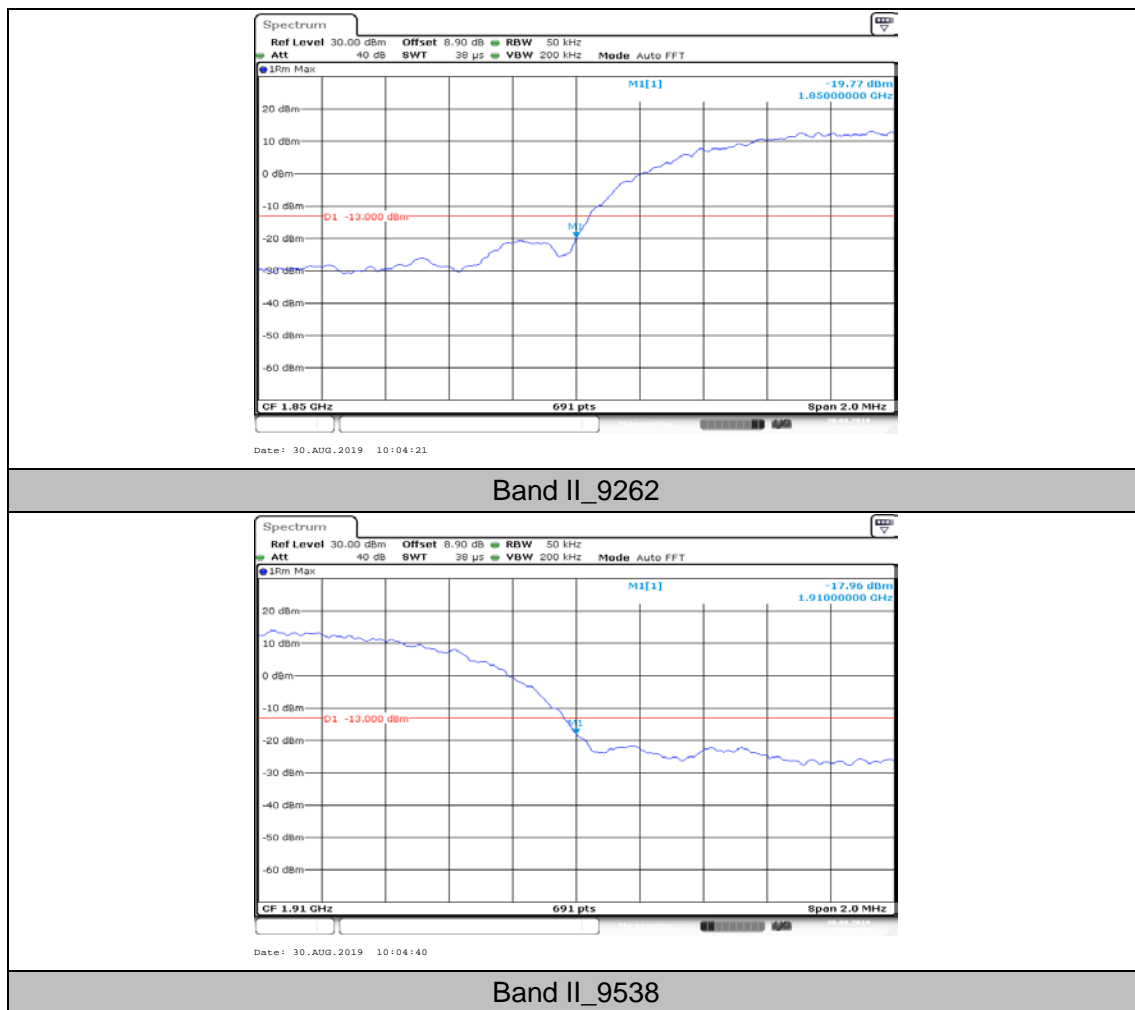
Band II_9538

Appendix D: Band Edge

Test Result

| Band | Channel | Value(dBm) | Limit(dBm) | Verdict |
|---------|---------|------------|------------|---------|
| Band II | 9262 | -19.77 | -13 | PASS |
| Band II | 9538 | -17.96 | -13 | PASS |

Test Graphs

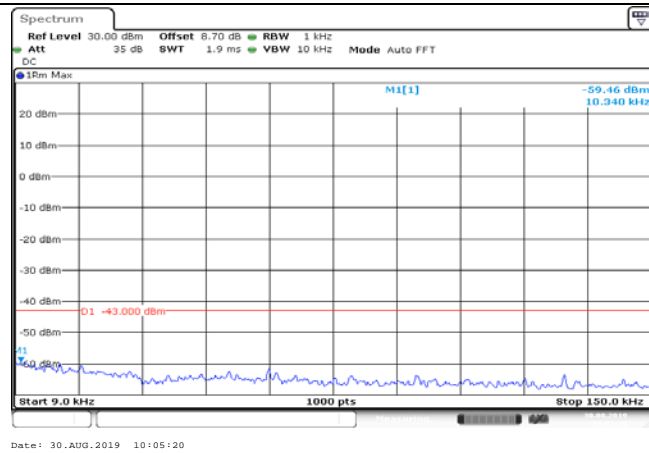


Appendix E: Conducted Spurious Emission

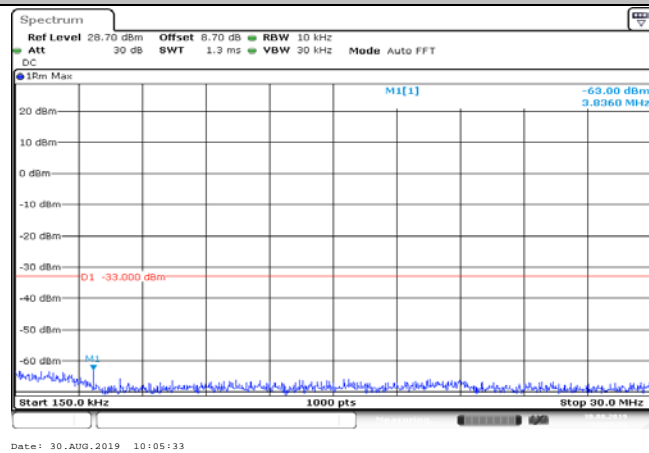
Test Result

| Band | Channel | Frequency Rang(Mhz) | Value(dBm) | Limit(dBm) | Verdict |
|---------|---------|---------------------|------------|------------|---------|
| Band II | 9262 | 0.009~0.15 | -59.46 | -43 | PASS |
| Band II | 9262 | 0.15~30 | -63.00 | -33 | PASS |
| Band II | 9262 | 30~1000 | -43.36 | -13 | PASS |
| Band II | 9262 | 1000~7000 | -27.00 | -13 | PASS |
| Band II | 9262 | 7000~13600 | -41.27 | -13 | PASS |
| Band II | 9262 | 13600~20000 | -36.89 | -13 | PASS |
| Band II | 9400 | 0.009~0.15 | -58.31 | -43 | PASS |
| Band II | 9400 | 0.15~30 | -61.97 | -33 | PASS |
| Band II | 9400 | 30~1000 | -43.31 | -13 | PASS |
| Band II | 9400 | 1000~7000 | -26.75 | -13 | PASS |
| Band II | 9400 | 7000~13600 | -40.69 | -13 | PASS |
| Band II | 9400 | 13600~20000 | -37.08 | -13 | PASS |
| Band II | 9538 | 0.009~0.15 | -58.83 | -43 | PASS |
| Band II | 9538 | 0.15~30 | -62.71 | -33 | PASS |
| Band II | 9538 | 30~1000 | -42.43 | -13 | PASS |
| Band II | 9538 | 1000~7000 | -27.26 | -13 | PASS |
| Band II | 9538 | 7000~13600 | -40.93 | -13 | PASS |
| Band II | 9538 | 13600~20000 | -36.39 | -13 | PASS |

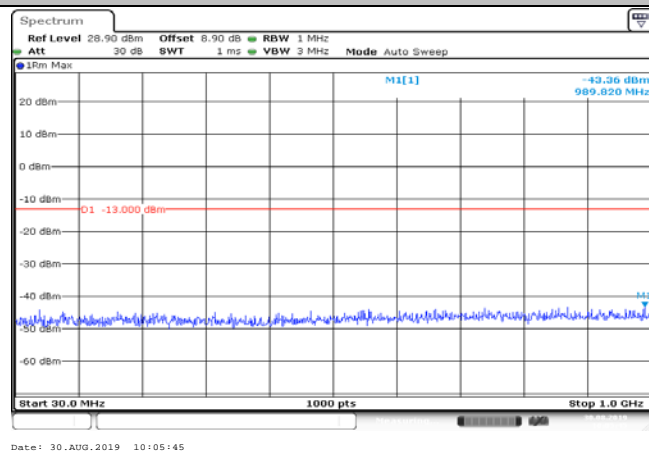
Test Graphs



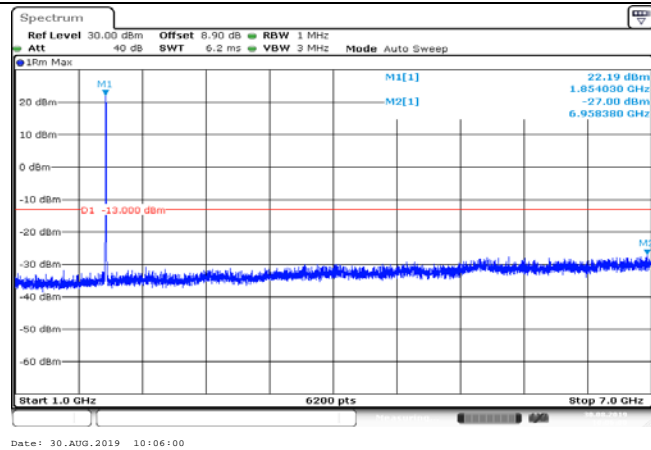
Band II_9262



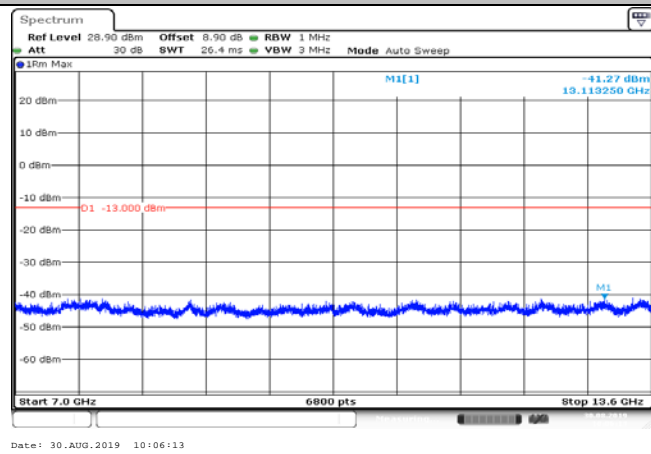
Band II_9262



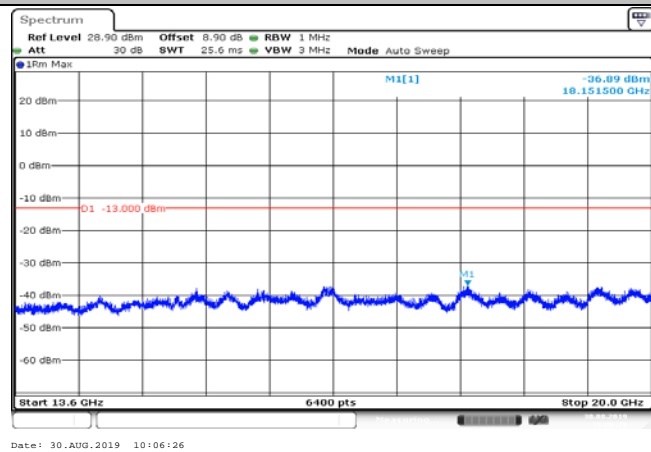
Band II_9262



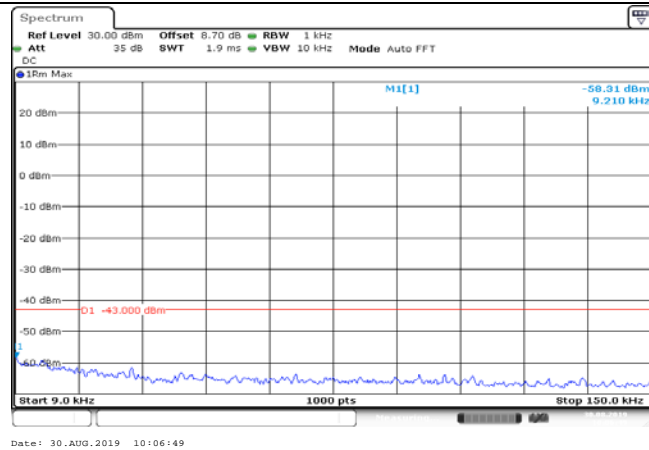
Band II_9262



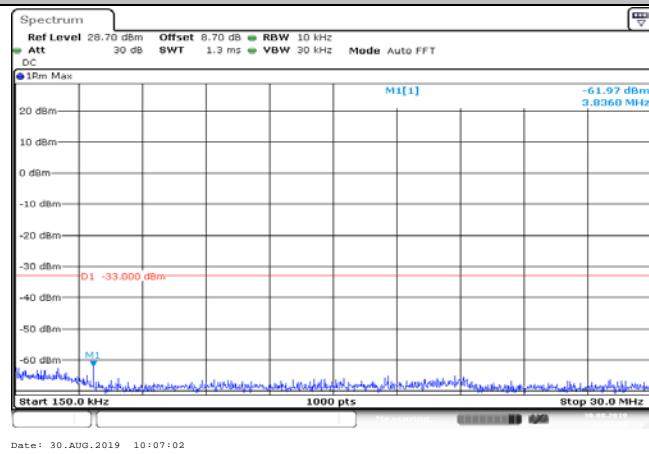
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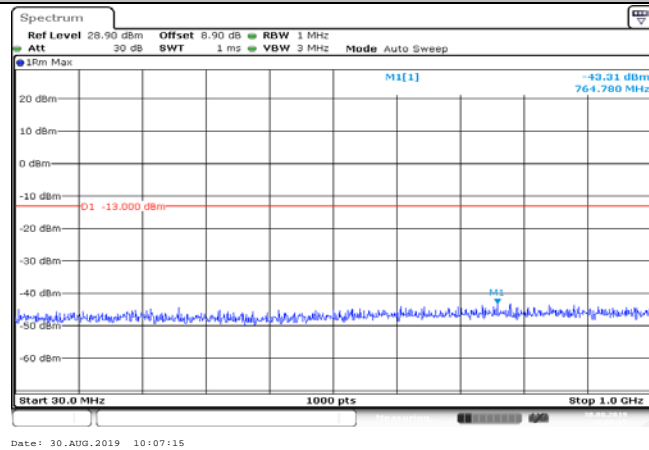
Band II_9262



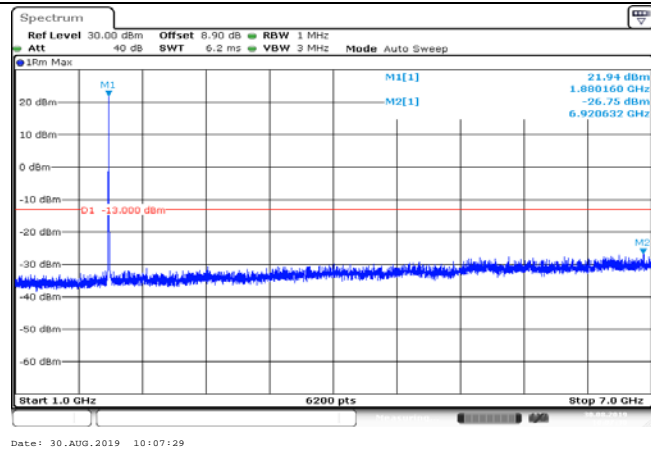
Band II_9400



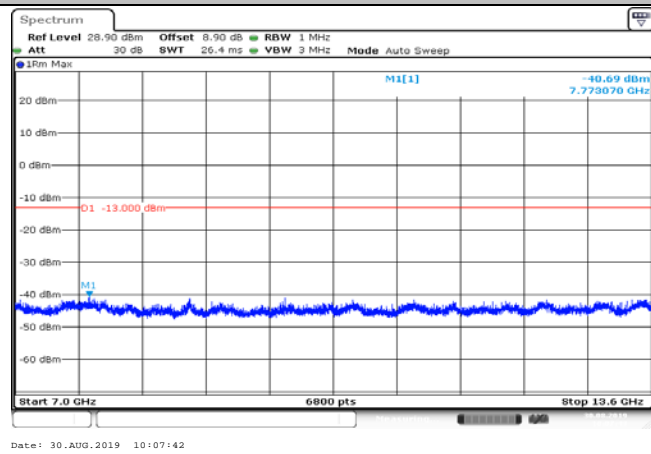
Band II_9400



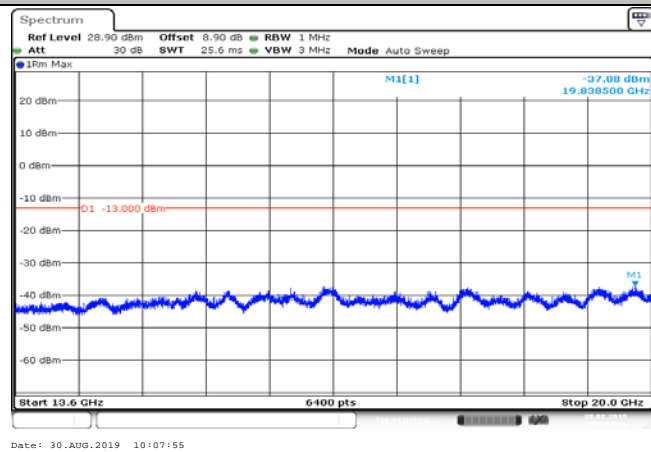
Band II_9400



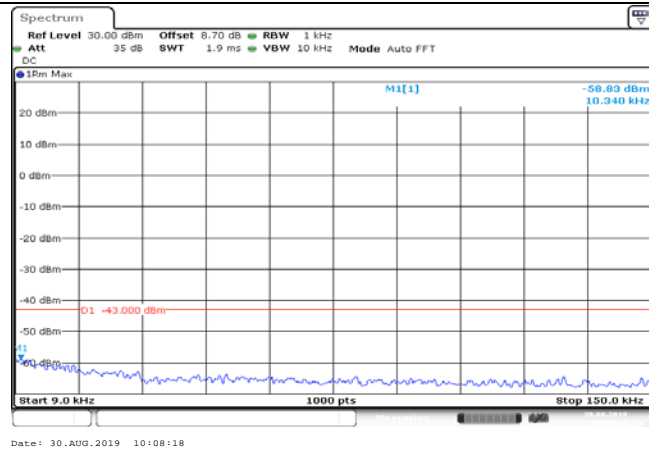
Band II_9400



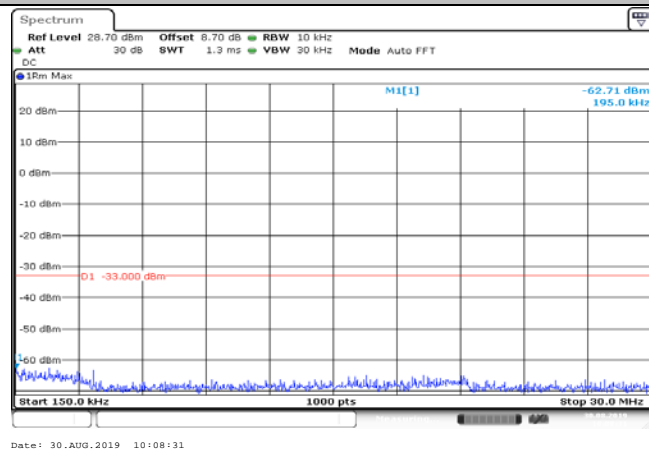
Band II_9400



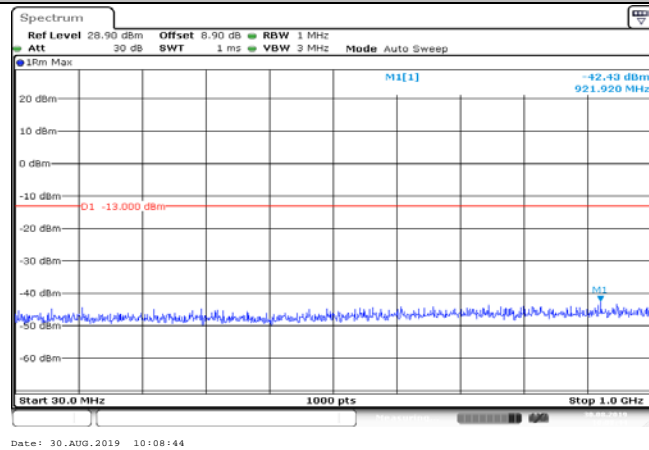
Band II_9400



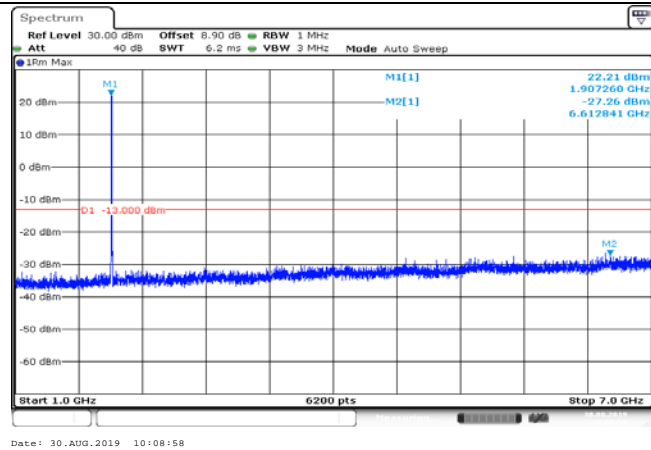
Band II_9538



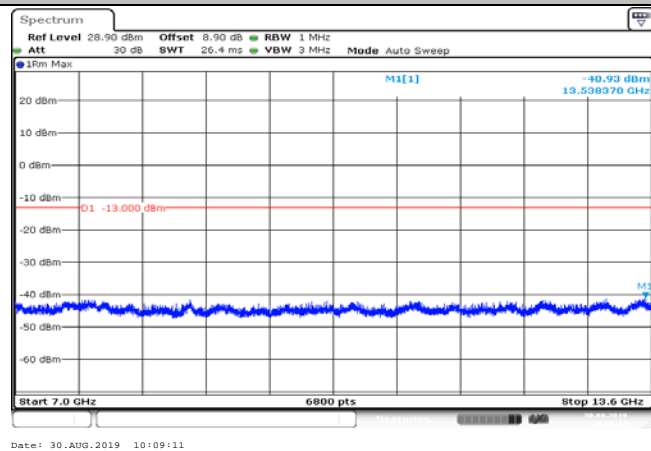
Band II_9538



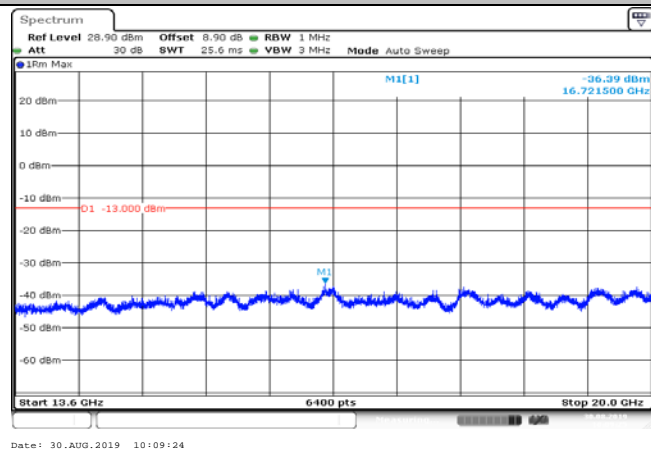
Band II_9538



Band II_9538



Band II_9538



Band II_9538

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 | 4.44 | 0.002398 | 2.5 | PASS |
| Band II | 9262 | VN | TN | 4.04 | 0.002182 | 2.5 | PASS |
| Band II | 9262 | VH | TN | 4.16 | 0.002243 | 2.5 | PASS |
| Band II | 9400 | VL | TN | -0.09 | -0.000049 | 2.5 | PASS |
| Band II | 9400 | VN | TN | -0.68 | -0.000361 | 2.5 | PASS |
| Band II | 9400 | VH | TN | -0.51 | -0.000270 | 2.5 | PASS |
| Band II | 9538 | VL | TN | -3.78 | -0.001980 | 2.5 | PASS |
| Band II | 9538 | VN | TN | -4.23 | -0.002220 | 2.5 | PASS |
| Band II | 9538 | VH | TN | -3.38 | -0.001770 | 2.5 | PASS |

| Temperature | | | | | | | |
|-------------|---------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band | Channel | Voltage (Vdc) | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band II | 9262 | VN | -30 | 3.86 | 0.002085 | 2.5 | PASS |
| Band II | 9262 | VN | -20 | 4.01 | 0.002166 | 2.5 | PASS |
| Band II | 9262 | VN | -10 | 4.11 | 0.002216 | 2.5 | PASS |
| Band II | 9262 | VN | 0 | 3.96 | 0.002139 | 2.5 | PASS |
| Band II | 9262 | VN | 10 | 3.26 | 0.001761 | 2.5 | PASS |
| Band II | 9262 | VN | 20 | 3.74 | 0.002019 | 2.5 | PASS |
| Band II | 9262 | VN | 30 | 3.47 | 0.001873 | 2.5 | PASS |
| Band II | 9262 | VN | 40 | 3.98 | 0.002151 | 2.5 | PASS |
| Band II | 9262 | VN | 50 | 3.82 | 0.002062 | 2.5 | PASS |
| Band II | 9400 | VN | -30 | 0.09 | 0.000049 | 2.5 | PASS |
| Band II | 9400 | VN | -20 | -0.57 | -0.000304 | 2.5 | PASS |
| Band II | 9400 | VN | -10 | 0.30 | 0.000160 | 2.5 | PASS |
| Band II | 9400 | VN | 0 | 0.01 | 0.000004 | 2.5 | PASS |
| Band II | 9400 | VN | 10 | -0.23 | -0.000122 | 2.5 | PASS |
| Band II | 9400 | VN | 20 | 0.47 | 0.000251 | 2.5 | PASS |
| Band II | 9400 | VN | 30 | 0.04 | 0.000023 | 2.5 | PASS |
| Band II | 9400 | VN | 40 | 0.72 | 0.000380 | 2.5 | PASS |
| Band II | 9400 | VN | 50 | 0.02 | 0.000011 | 2.5 | PASS |
| Band II | 9538 | VN | -30 | -3.38 | -0.001774 | 2.5 | PASS |
| Band II | 9538 | VN | -20 | -3.88 | -0.002032 | 2.5 | PASS |
| Band II | 9538 | VN | -10 | -5.79 | -0.003037 | 2.5 | PASS |
| Band II | 9538 | VN | 0 | -2.37 | -0.001245 | 2.5 | PASS |
| Band II | 9538 | VN | 10 | -5.96 | -0.003123 | 2.5 | PASS |
| Band II | 9538 | VN | 20 | -4.17 | -0.002186 | 2.5 | PASS |
| Band II | 9538 | VN | 30 | -6.22 | -0.003258 | 2.5 | PASS |
| Band II | 9538 | VN | 40 | -5.06 | -0.002655 | 2.5 | PASS |
| Band II | 9538 | VN | 50 | -5.11 | -0.002677 | 2.5 | PASS |