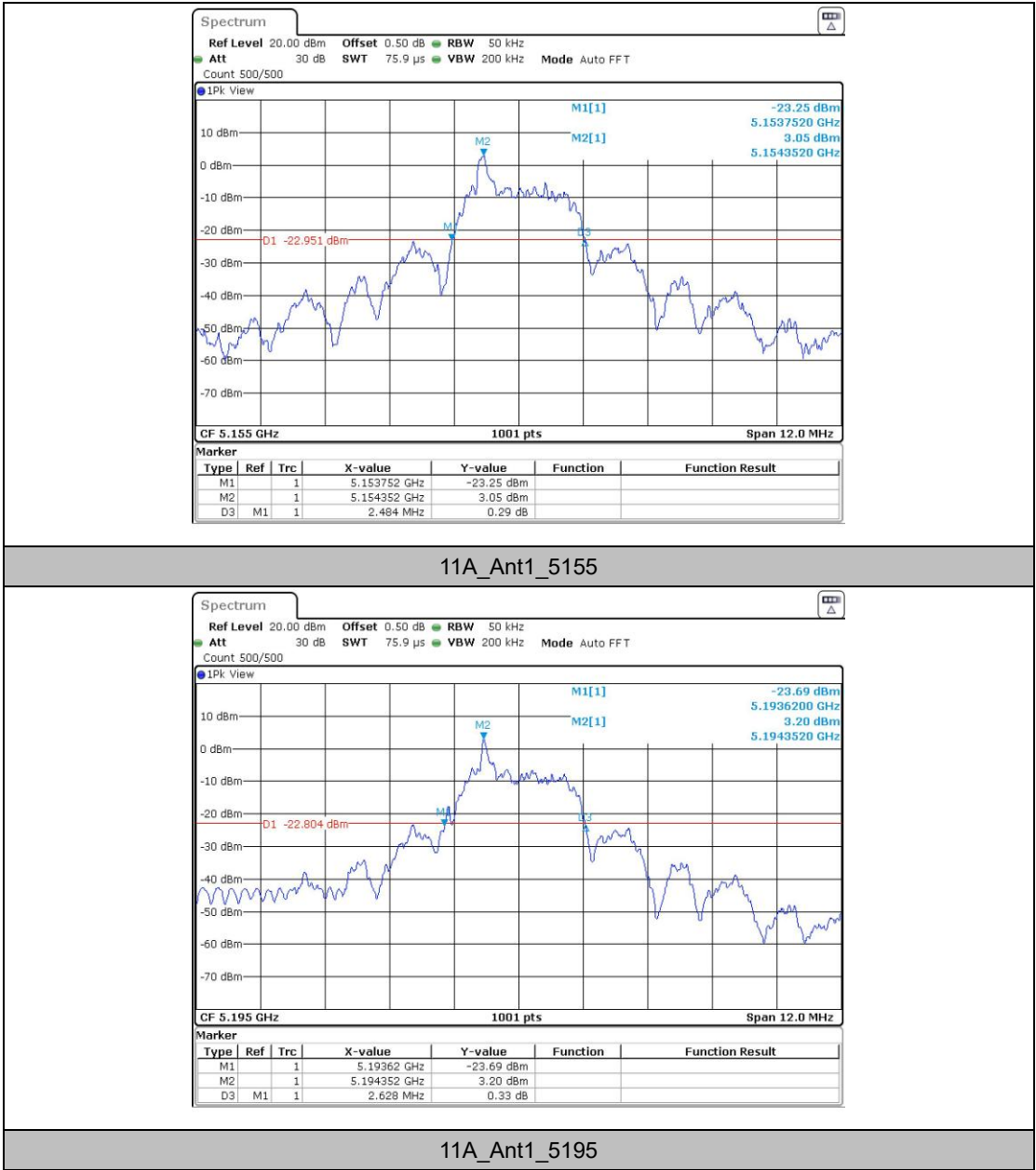


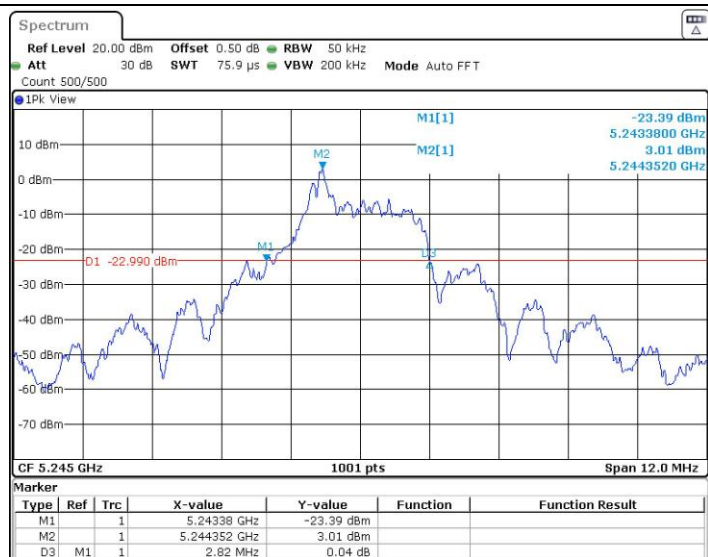
Appendix A1: Emission Bandwidth

Test Result

| Channel | 26db EBW<br>[MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|---------|-------------------|----------|----------|------------|---------|
| 5155    | 2.484             | 5153.752 | 5156.236 | ---        | PASS    |
| 5195    | 2.628             | 5193.620 | 5196.248 | ---        | PASS    |
| 5245    | 2.820             | 5243.380 | 5246.200 | ---        | PASS    |

Test Graphs





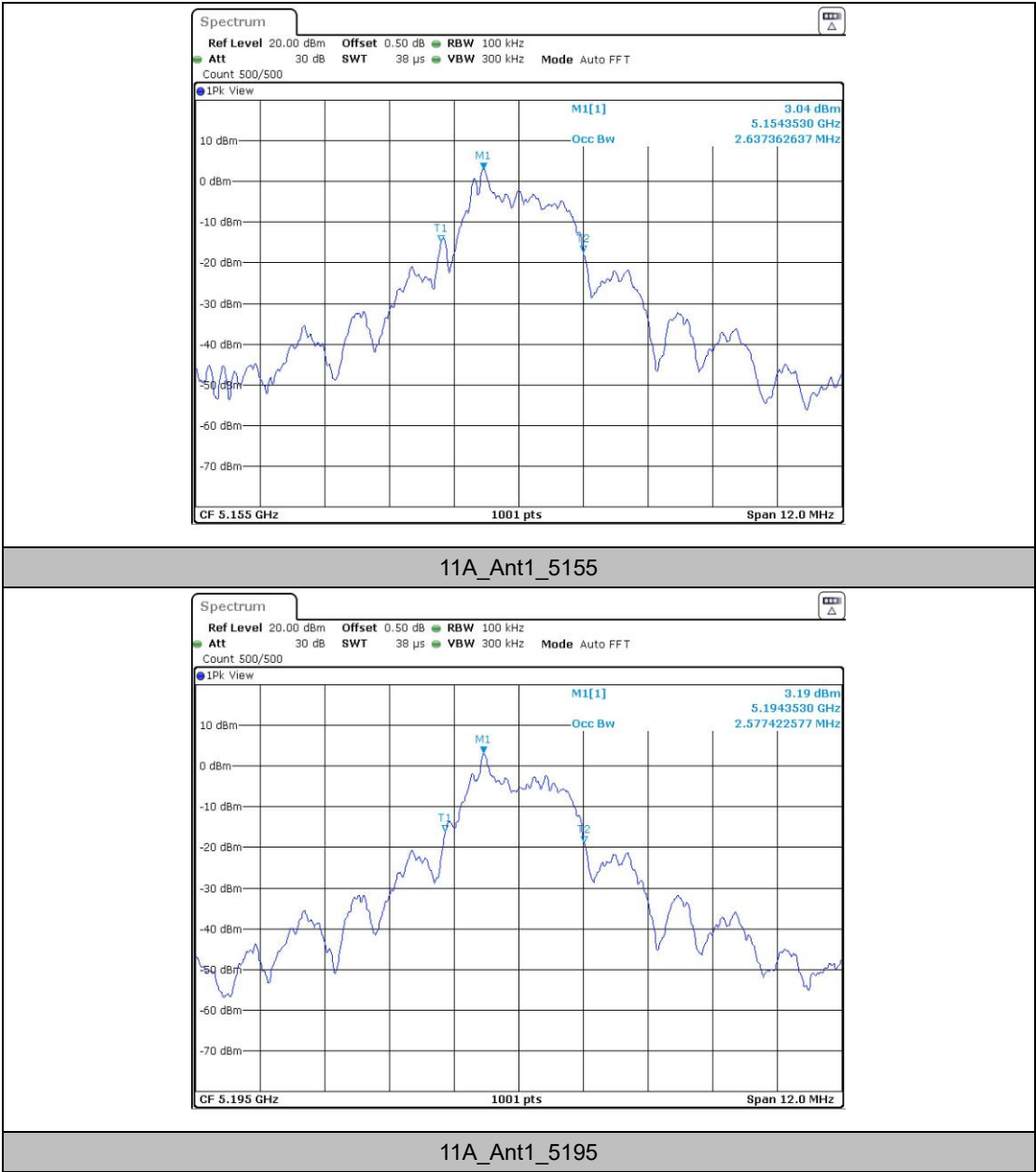
11A\_Ant1\_5245

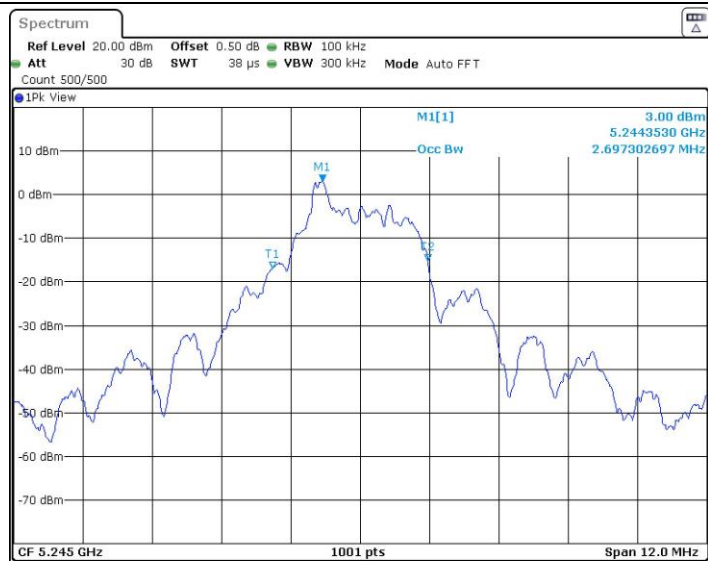
## Appendix A2: Occupied channel bandwidth

### Test Result

| Channel | OCB [MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|---------|-----------|----------|----------|------------|---------|
| 5155    | 2.637     | 5153.561 | 5156.199 | ---        | PASS    |
| 5195    | 2.577     | 5193.633 | 5196.211 | ---        | PASS    |
| 5245    | 2.697     | 5243.478 | 5246.175 | ---        | PASS    |

Test Graphs





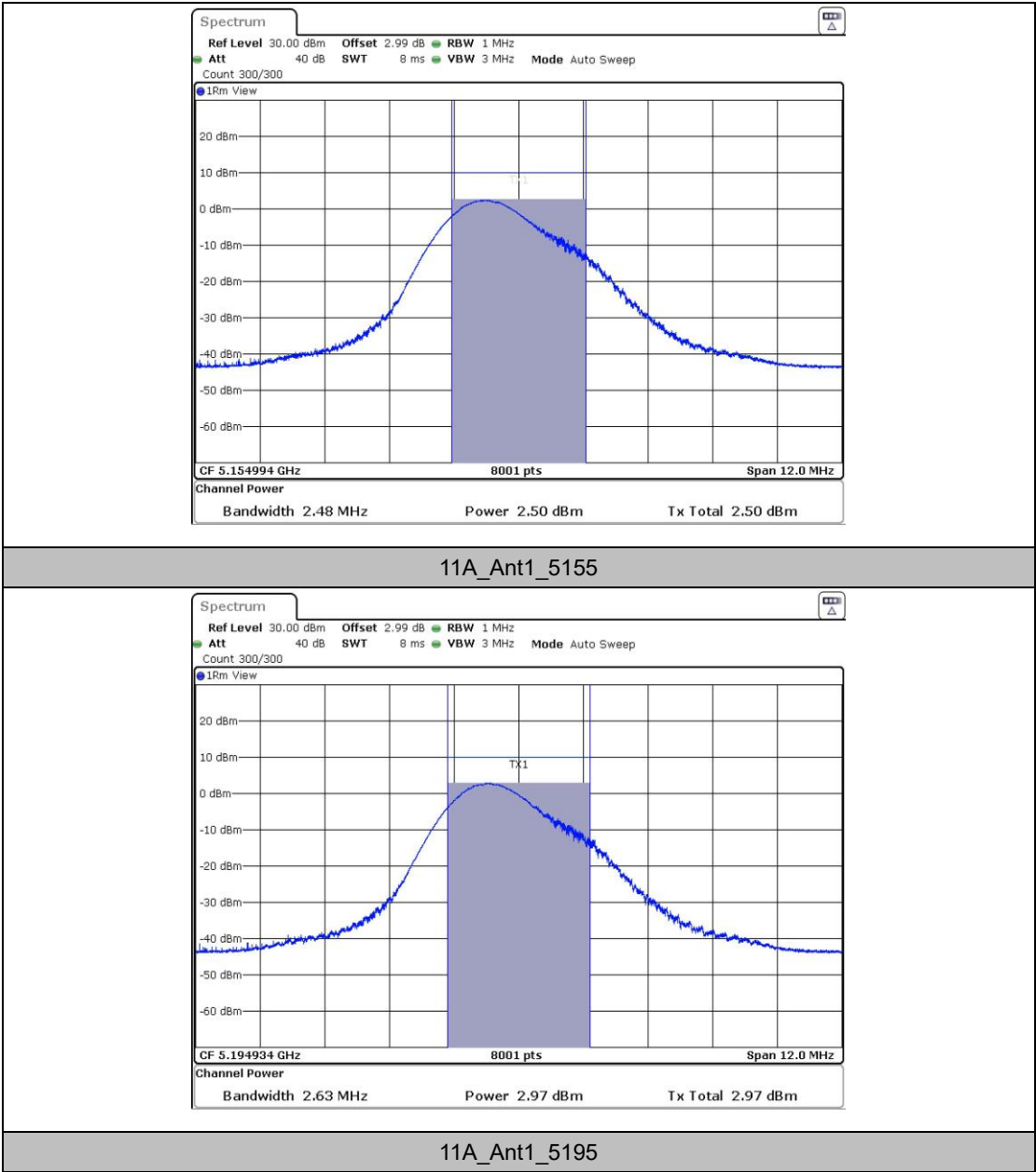
11A\_Ant1\_5245

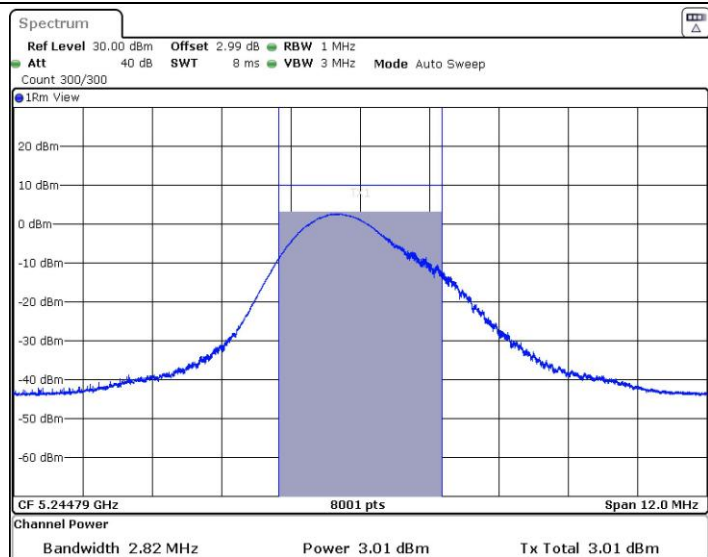
## Appendix B: Maximum conducted output power

### Test Result

| Channel | Result[dBm] | Limit[dBm] | Verdict |
|---------|-------------|------------|---------|
| 5155    | 2.50        | <=23.98    | PASS    |
| 5195    | 2.97        | <=23.98    | PASS    |
| 5245    | 3.01        | <=23.98    | PASS    |

Test Graphs





11A\_Ant1\_5245

## Appendix B1: Maximum EIRP

### Test Result

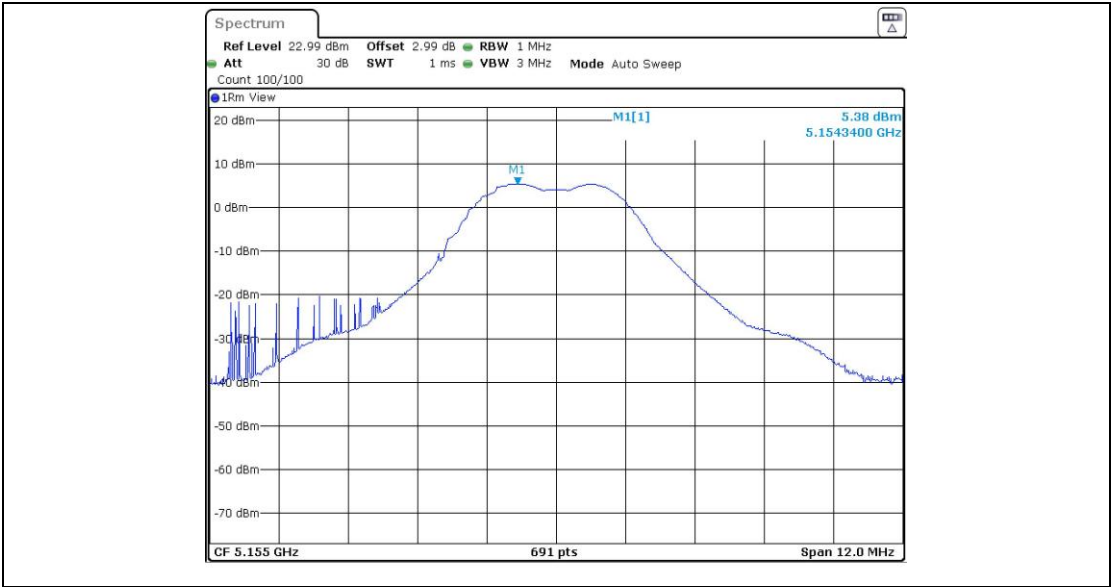
| Channel | Result[dBm] | GAIN | EIRP [dBm] | Limit[dBm] | Verdict |
|---------|-------------|------|------------|------------|---------|
| 5155    | 2.50        | 2.92 | 5.42       | <=36       | PASS    |
| 5195    | 2.97        | 2.92 | 5.89       | <=36       | PASS    |
| 5245    | 3.01        | 2.92 | 5.93       | <=36       | PASS    |

## Appendix C: Maximum power spectral density

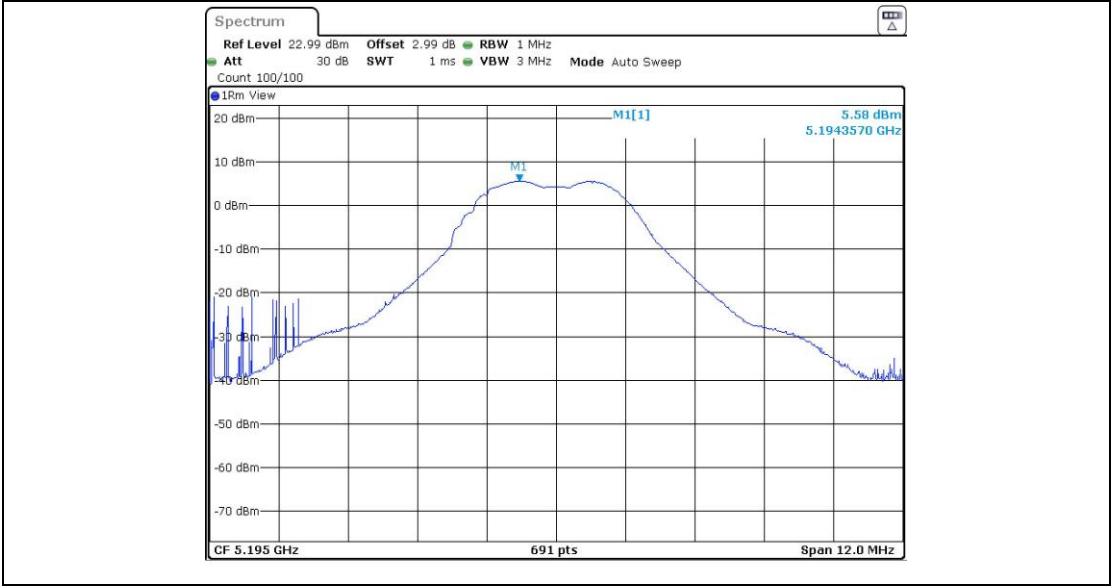
### Test Result

| Channel | Result[dBm/MHz] | Limit[dBm/MHz] | Verdict |
|---------|-----------------|----------------|---------|
| 5155    | 5.38            | <=11           | PASS    |
| 5195    | 5.58            | <=11           | PASS    |
| 5245    | 5.45            | <=11           | PASS    |

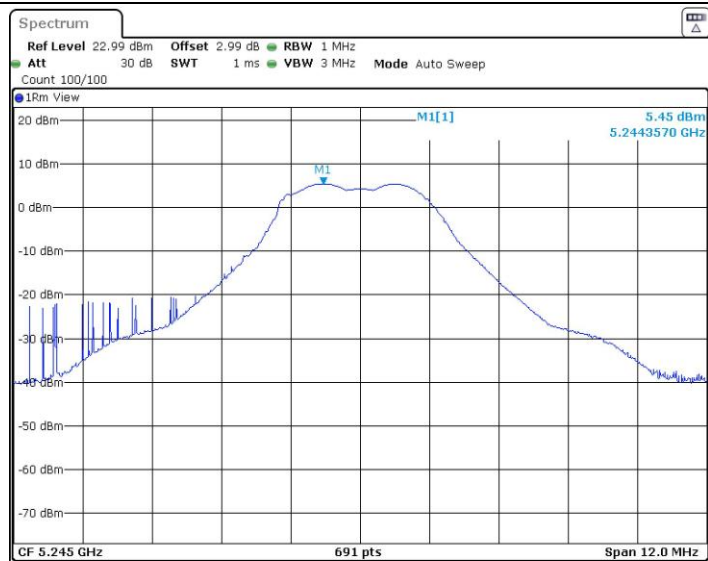
Test Graphs



11A\_Ant1\_5155



11A\_Ant1\_5195



11A\_Ant1\_5245

## Appendix D: Frequency Stability

### Test Result

| Voltage |               |                  |                |                 |             |         |
|---------|---------------|------------------|----------------|-----------------|-------------|---------|
| Channel | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| 5155    | NV            | NT               | -18000         | -3.491756       | 20          | PASS    |
|         | LV            | NT               | -19000         | -3.685742       | 20          | PASS    |
|         | HV            | NT               | -20000         | -3.879728       | 20          | PASS    |
| 5195    | NV            | NT               | -7000          | -1.347449       | 20          | PASS    |
|         | LV            | NT               | -10000         | -1.924928       | 20          | PASS    |
|         | HV            | NT               | -13000         | -2.502406       | 20          | PASS    |
| 5245    | NV            | NT               | -21000         | -4.003813       | 20          | PASS    |
|         | LV            | NT               | -21000         | -4.003813       | 20          | PASS    |
|         | HV            | NT               | -22000         | -4.194471       | 20          | PASS    |

| Temperature |               |                  |                |                 |             |         |
|-------------|---------------|------------------|----------------|-----------------|-------------|---------|
| Channel     | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| 5155        | NV            | 0                | -20000         | -3.879728       | 20          | PASS    |
|             | NV            | 10               | -20000         | -3.879728       | 20          | PASS    |
|             | NV            | 20               | -21000         | -4.073715       | 20          | PASS    |
|             | NV            | 30               | -21000         | -4.073715       | 20          | PASS    |
|             | NV            | 40               | -22000         | -4.267701       | 20          | PASS    |
|             | NV            | 50               | -22000         | -4.267701       | 20          | PASS    |
| 5195        | NV            | 0                | -14000         | -2.694899       | 20          | PASS    |
|             | NV            | 10               | -16000         | -3.079885       | 20          | PASS    |
|             | NV            | 20               | -17000         | -3.272377       | 20          | PASS    |
|             | NV            | 30               | -18000         | -3.46487        | 20          | PASS    |
|             | NV            | 40               | -19000         | -3.657363       | 20          | PASS    |
|             | NV            | 50               | -20000         | -3.849856       | 20          | PASS    |
| 5245        | NV            | 0                | -22000         | -4.194471       | 20          | PASS    |
|             | NV            | 10               | -23000         | -4.385129       | 20          | PASS    |
|             | NV            | 20               | -23000         | -4.385129       | 20          | PASS    |
|             | NV            | 30               | -23000         | -4.385129       | 20          | PASS    |
|             | NV            | 40               | -24000         | -4.575786       | 20          | PASS    |
|             | NV            | 50               | -24000         | -4.575786       | 20          | PASS    |