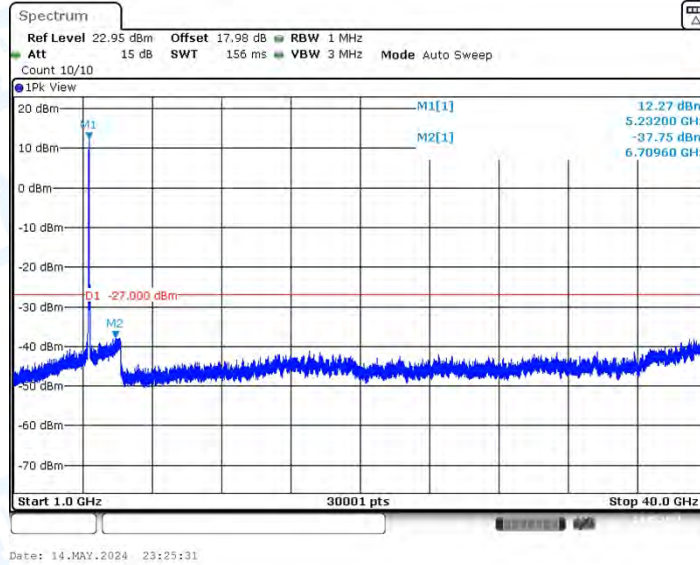
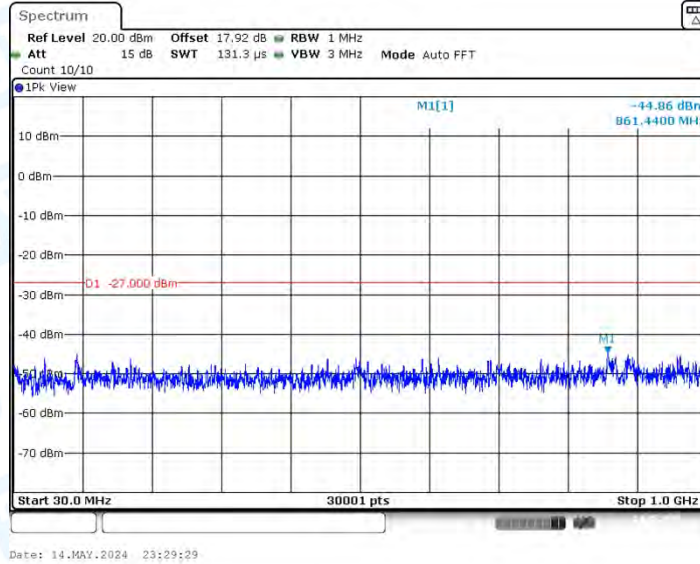
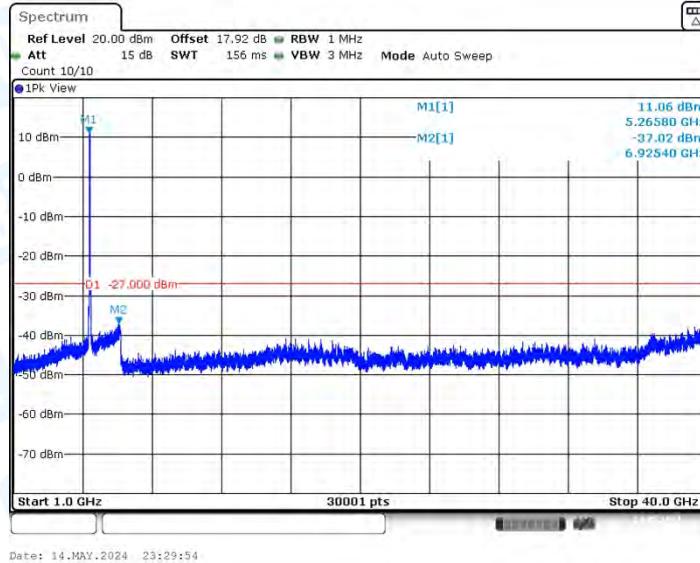




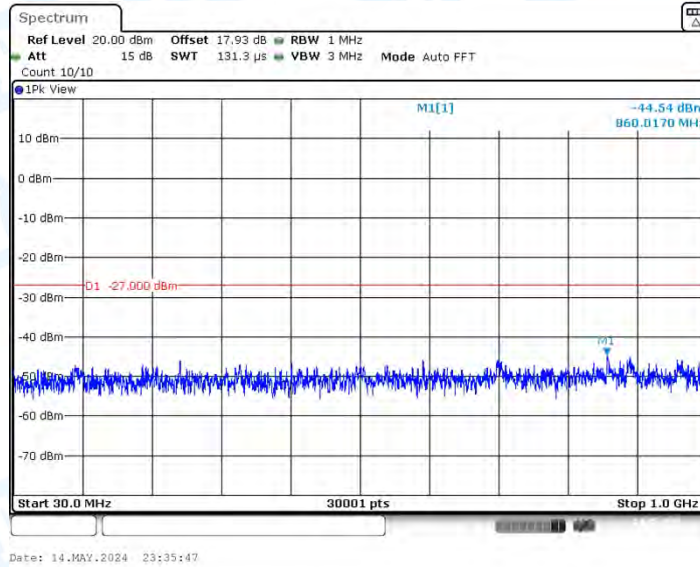
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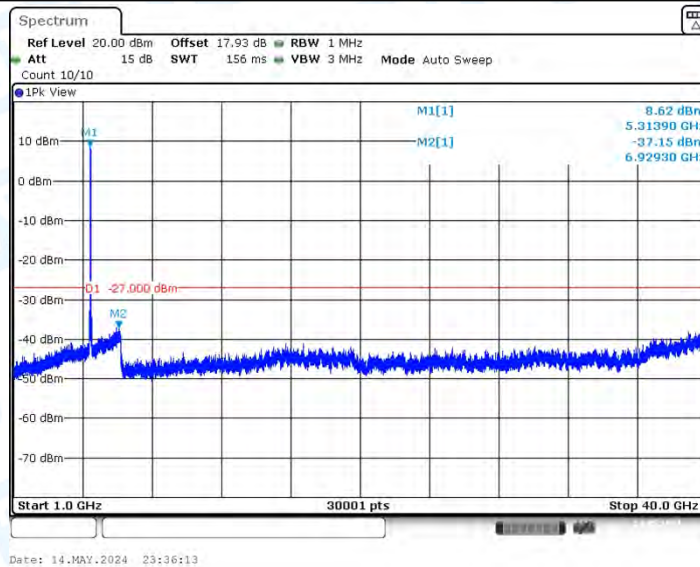
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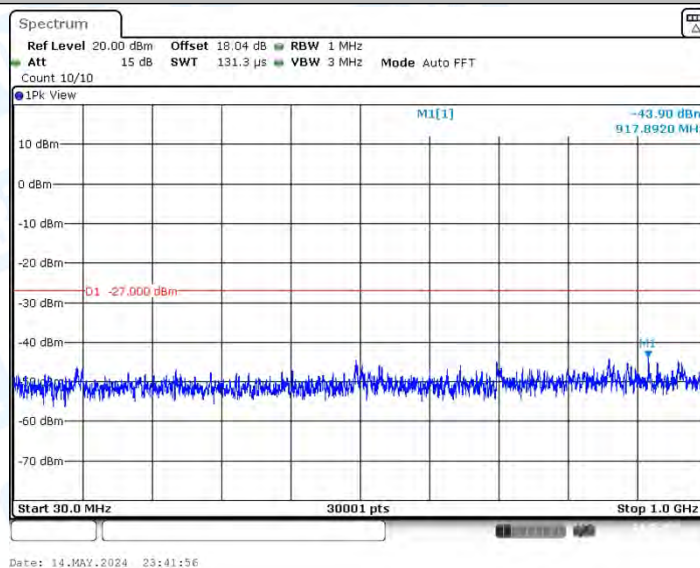
11AX40SISO\_Ant1\_5310\_30~1000



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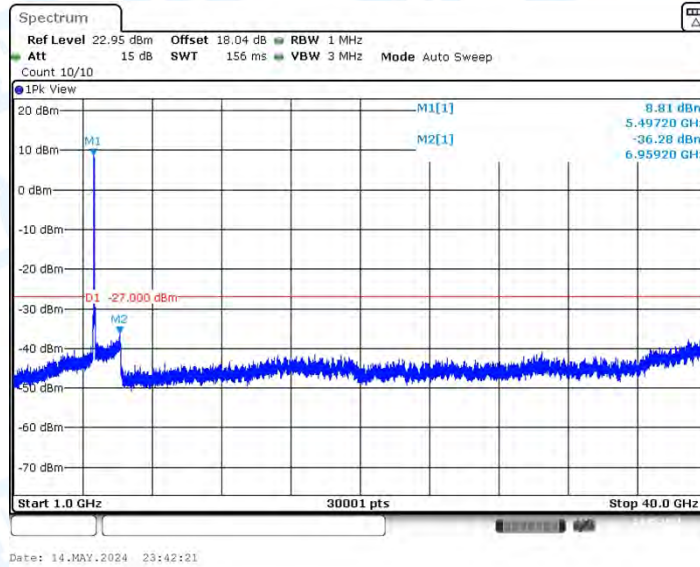


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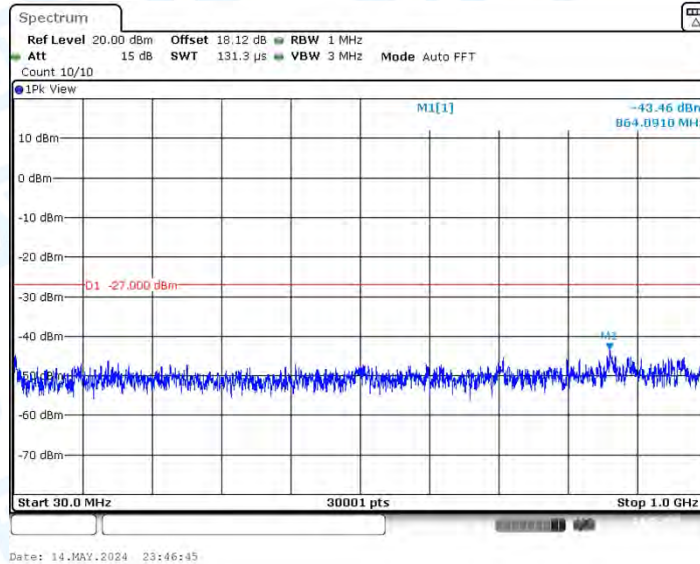


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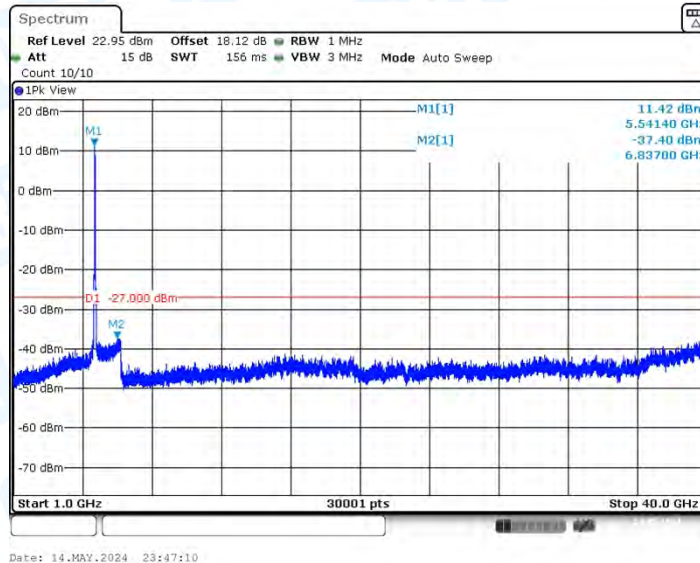




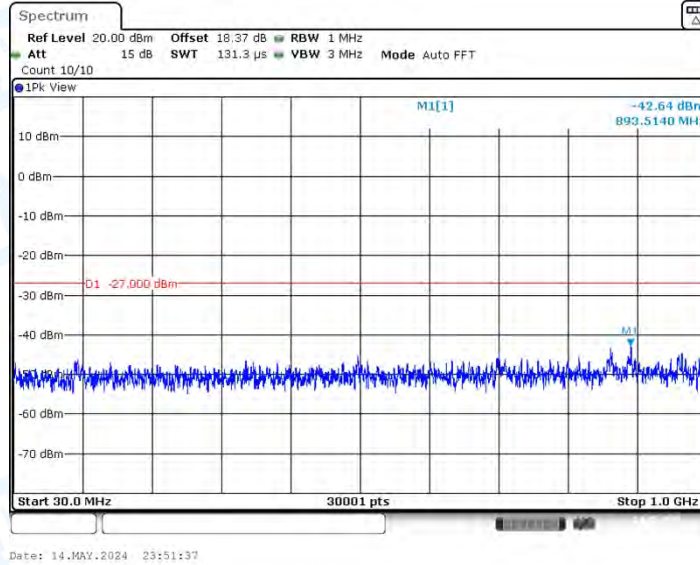
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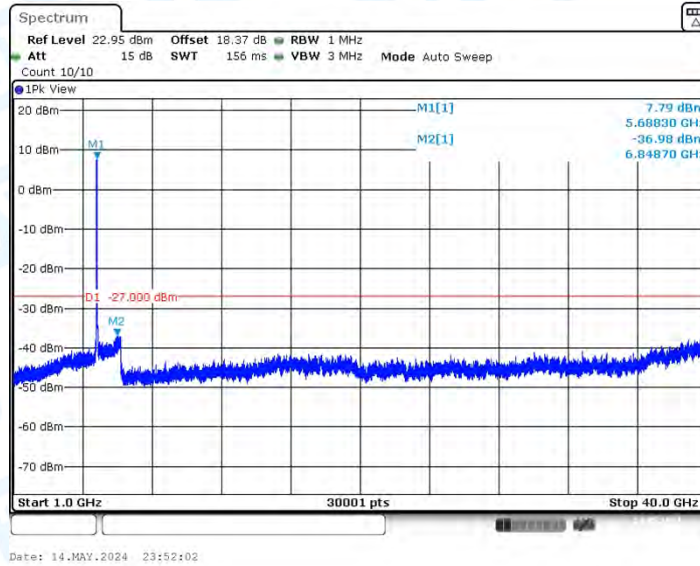
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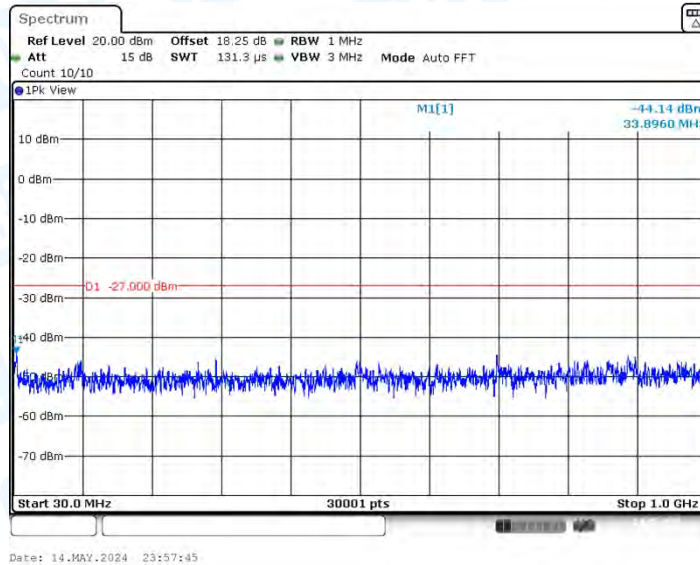
11AX40SISO\_Ant1\_5670\_30~1000



11AX40SISO\_Ant1\_5670\_1000~40000

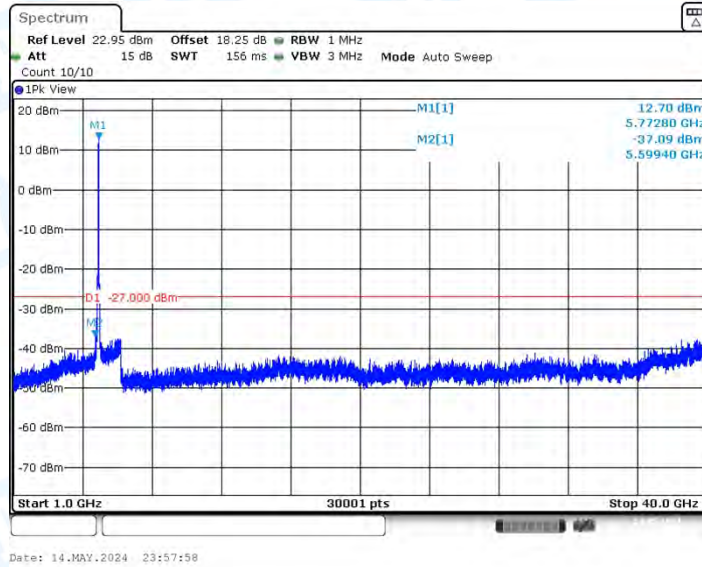


11AX40SISO\_Ant1\_5755\_30~1000

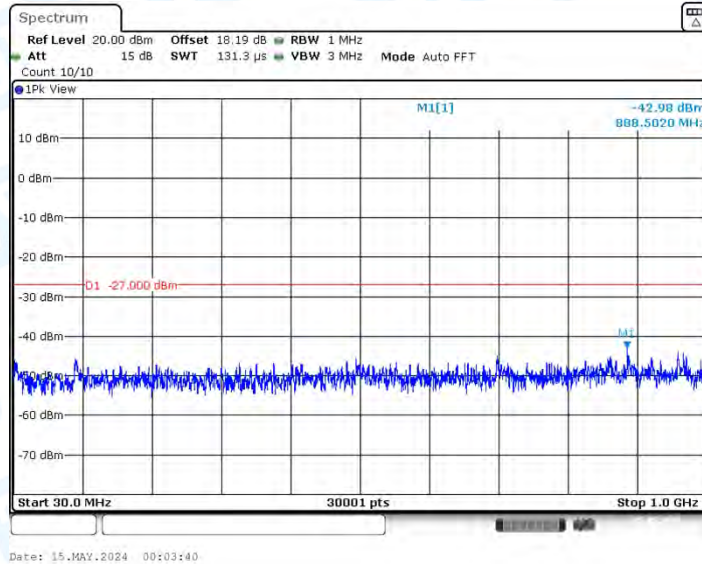


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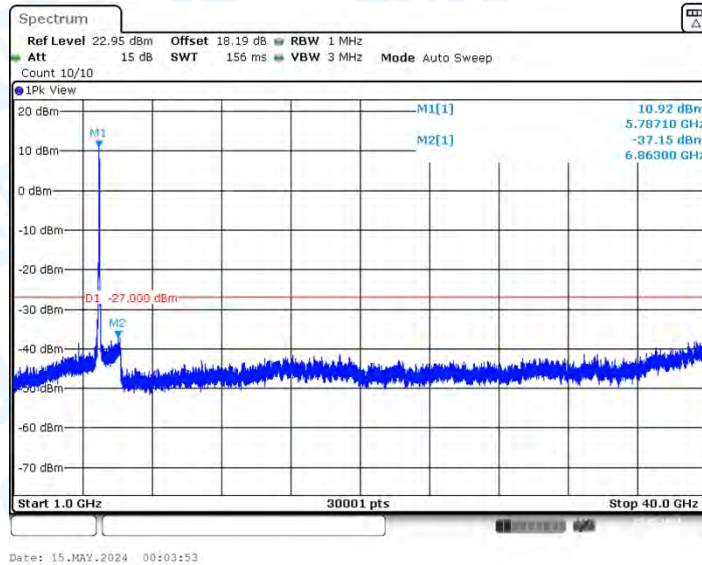




11AX40SISO\_Ant1\_5795\_30~1000



11AX40SISO\_Ant1\_5795\_1000~40000



## 9. Frequency Stability

### 9.1. Test Result

| Voltage   |         |         |               |                  |                |                 |             |         |
|-----------|---------|---------|---------------|------------------|----------------|-----------------|-------------|---------|
| TestMode  | Antenna | Channel | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| 11A       | Ant1    | 5180    | NV            | NT               | -40000.00      | -7.722008       | 20          | PASS    |
|           |         |         | LV            | NT               | -40000.00      | -7.722008       | 20          | PASS    |
|           |         |         | HV            | NT               | -40000.00      | -7.722008       | 20          | PASS    |
|           |         | 5200    | NV            | NT               | -60000.00      | -11.538462      | 20          | PASS    |
|           |         |         | LV            | NT               | -60000.00      | -11.538462      | 20          | PASS    |
|           |         |         | HV            | NT               | -40000.00      | -7.692308       | 20          | PASS    |
|           |         | 5240    | NV            | NT               | -40000.00      | -7.633588       | 20          | PASS    |
|           |         |         | LV            | NT               | -40000.00      | -7.633588       | 20          | PASS    |
|           |         |         | HV            | NT               | -60000.00      | -11.450382      | 20          | PASS    |
|           |         | 5260    | NV            | NT               | -40000.00      | -7.604563       | 20          | PASS    |
|           |         |         | LV            | NT               | -60000.00      | -11.406844      | 20          | PASS    |
|           |         |         | HV            | NT               | -40000.00      | -7.604563       | 20          | PASS    |
|           |         | 5280    | NV            | NT               | -40000.00      | -7.575758       | 20          | PASS    |
|           |         |         | LV            | NT               | -60000.00      | -11.363636      | 20          | PASS    |
|           |         |         | HV            | NT               | -40000.00      | -7.575758       | 20          | PASS    |
|           |         | 5320    | NV            | NT               | -40000.00      | -7.518797       | 20          | PASS    |
|           |         |         | LV            | NT               | -60000.00      | -11.278195      | 20          | PASS    |
|           |         |         | HV            | NT               | -60000.00      | -11.278195      | 20          | PASS    |
|           |         | 5500    | NV            | NT               | -40000.00      | -7.272727       | 20          | PASS    |
|           |         |         | LV            | NT               | -40000.00      | -7.272727       | 20          | PASS    |
|           |         |         | HV            | NT               | -40000.00      | -7.272727       | 20          | PASS    |
|           |         | 5580    | NV            | NT               | -20000.00      | -3.584229       | 20          | PASS    |
|           |         |         | LV            | NT               | -40000.00      | -7.168459       | 20          | PASS    |
|           |         |         | HV            | NT               | -40000.00      | -7.168459       | 20          | PASS    |
|           |         | 5700    | NV            | NT               | -40000.00      | -7.017544       | 20          | PASS    |
|           |         |         | LV            | NT               | -60000.00      | -10.526316      | 20          | PASS    |
|           |         |         | HV            | NT               | -40000.00      | -7.017544       | 20          | PASS    |
|           |         | 5745    | NV            | NT               | -60000.00      | -10.443864      | 20          | PASS    |
|           |         |         | LV            | NT               | -60000.00      | -10.443864      | 20          | PASS    |
|           |         |         | HV            | NT               | -40000.00      | -6.962576       | 20          | PASS    |
|           |         | 5785    | NV            | NT               | -60000.00      | -10.371651      | 20          | PASS    |
|           |         |         | LV            | NT               | -40000.00      | -6.914434       | 20          | PASS    |
|           |         |         | HV            | NT               | -40000.00      | -6.914434       | 20          | PASS    |
|           |         | 5825    | NV            | NT               | -60000.00      | -10.300429      | 20          | PASS    |
|           |         |         | LV            | NT               | -40000.00      | -6.866953       | 20          | PASS    |
|           |         |         | HV            | NT               | -40000.00      | -6.866953       | 20          | PASS    |
| 11N20SISO | Ant1    | 5180    | NV            | NT               | -60000.00      | -11.583012      | 20          | PASS    |
|           |         |         | LV            | NT               | -40000.00      | -7.722008       | 20          | PASS    |



|           |      |      |    |    |           |            |    |      |
|-----------|------|------|----|----|-----------|------------|----|------|
|           |      |      | HV | NT | -60000.00 | -11.583012 | 20 | PASS |
|           |      |      | NV | NT | -60000.00 | -11.538462 | 20 | PASS |
|           |      |      | LV | NT | -60000.00 | -11.538462 | 20 | PASS |
|           |      |      | HV | NT | -60000.00 | -11.538462 | 20 | PASS |
|           |      | 5240 | NV | NT | -40000.00 | -7.633588  | 20 | PASS |
|           |      |      | LV | NT | -60000.00 | -11.450382 | 20 | PASS |
|           |      |      | HV | NT | -40000.00 | -7.633588  | 20 | PASS |
|           |      | 5260 | NV | NT | -40000.00 | -7.604563  | 20 | PASS |
|           |      |      | LV | NT | -60000.00 | -11.406844 | 20 | PASS |
|           |      |      | HV | NT | -60000.00 | -11.406844 | 20 | PASS |
|           |      | 5280 | NV | NT | -60000.00 | -11.363636 | 20 | PASS |
|           |      |      | LV | NT | -60000.00 | -11.363636 | 20 | PASS |
|           |      |      | HV | NT | -60000.00 | -11.363636 | 20 | PASS |
|           |      | 5320 | NV | NT | -60000.00 | -11.278195 | 20 | PASS |
|           |      |      | LV | NT | -60000.00 | -11.278195 | 20 | PASS |
|           |      |      | HV | NT | -60000.00 | -11.278195 | 20 | PASS |
|           |      | 5500 | NV | NT | -60000.00 | -10.909091 | 20 | PASS |
|           |      |      | LV | NT | -40000.00 | -7.272727  | 20 | PASS |
|           |      |      | HV | NT | -40000.00 | -7.272727  | 20 | PASS |
|           |      | 5580 | NV | NT | -40000.00 | -7.168459  | 20 | PASS |
|           |      |      | LV | NT | -60000.00 | -10.752688 | 20 | PASS |
|           |      |      | HV | NT | -40000.00 | -7.168459  | 20 | PASS |
|           |      | 5700 | NV | NT | -60000.00 | -10.526316 | 20 | PASS |
|           |      |      | LV | NT | -60000.00 | -10.526316 | 20 | PASS |
|           |      |      | HV | NT | -60000.00 | -10.526316 | 20 | PASS |
|           |      | 5745 | NV | NT | -80000.00 | -13.925152 | 20 | PASS |
|           |      |      | LV | NT | -60000.00 | -10.443864 | 20 | PASS |
|           |      |      | HV | NT | -60000.00 | -10.443864 | 20 | PASS |
|           |      | 5785 | NV | NT | -60000.00 | -10.371651 | 20 | PASS |
|           |      |      | LV | NT | -80000.00 | -13.828868 | 20 | PASS |
|           |      |      | HV | NT | -60000.00 | -10.371651 | 20 | PASS |
|           |      | 5825 | NV | NT | -60000.00 | -10.300429 | 20 | PASS |
|           |      |      | LV | NT | -60000.00 | -10.300429 | 20 | PASS |
|           |      |      | HV | NT | -60000.00 | -10.300429 | 20 | PASS |
| 11N40SISO | Ant1 | 5190 | NV | NT | -40000.00 | -7.707129  | 20 | PASS |
|           |      |      | LV | NT | -40000.00 | -7.707129  | 20 | PASS |
|           |      |      | HV | NT | -40000.00 | -7.707129  | 20 | PASS |
|           |      | 5230 | NV | NT | -40000.00 | -7.648184  | 20 | PASS |
|           |      |      | LV | NT | -40000.00 | -7.648184  | 20 | PASS |
|           |      |      | HV | NT | -80000.00 | -15.296367 | 20 | PASS |
|           |      | 5270 | NV | NT | -40000.00 | -7.590133  | 20 | PASS |
|           |      |      | LV | NT | -40000.00 | -7.590133  | 20 | PASS |
|           |      |      | HV | NT | -40000.00 | -7.590133  | 20 | PASS |
|           |      | 5310 | NV | NT | -40000.00 | -7.532957  | 20 | PASS |
|           |      |      | LV | NT | -40000.00 | -7.532957  | 20 | PASS |



|                |      |      |    |    |           |            |    |      |
|----------------|------|------|----|----|-----------|------------|----|------|
|                |      | 5510 | HV | NT | -40000.00 | -7.532957  | 20 | PASS |
|                |      |      | NV | NT | -40000.00 | -7.259528  | 20 | PASS |
|                |      |      | LV | NT | -40000.00 | -7.259528  | 20 | PASS |
|                |      |      | HV | NT | -40000.00 | -7.259528  | 20 | PASS |
|                |      | 5550 | NV | NT | -40000.00 | -7.207207  | 20 | PASS |
|                |      |      | LV | NT | -40000.00 | -7.207207  | 20 | PASS |
|                |      |      | HV | NT | -40000.00 | -7.207207  | 20 | PASS |
|                |      | 5670 | NV | NT | -40000.00 | -7.054674  | 20 | PASS |
|                |      |      | LV | NT | -40000.00 | -7.054674  | 20 | PASS |
|                |      |      | HV | NT | -40000.00 | -7.054674  | 20 | PASS |
|                |      | 5755 | NV | NT | -40000.00 | -6.950478  | 20 | PASS |
|                |      |      | LV | NT | -40000.00 | -6.950478  | 20 | PASS |
|                |      |      | HV | NT | -40000.00 | -6.950478  | 20 | PASS |
| 11AC20SIS<br>O | Ant1 | 5795 | NV | NT | -40000.00 | -6.902502  | 20 | PASS |
|                |      |      | LV | NT | -40000.00 | -6.902502  | 20 | PASS |
|                |      |      | HV | NT | -40000.00 | -6.902502  | 20 | PASS |
|                |      | 5180 | NV | NT | -40000.00 | -7.722008  | 20 | PASS |
|                |      |      | LV | NT | -60000.00 | -11.583012 | 20 | PASS |
|                |      |      | HV | NT | -60000.00 | -11.583012 | 20 | PASS |
|                |      | 5200 | NV | NT | -20000.00 | -3.846154  | 20 | PASS |
|                |      |      | LV | NT | -20000.00 | -3.846154  | 20 | PASS |
|                |      |      | HV | NT | -20000.00 | -3.846154  | 20 | PASS |
|                |      | 5240 | NV | NT | -60000.00 | -11.450382 | 20 | PASS |
|                |      |      | LV | NT | -60000.00 | -11.450382 | 20 | PASS |
|                |      |      | HV | NT | -40000.00 | -7.633588  | 20 | PASS |
|                |      | 5260 | NV | NT | -60000.00 | -11.406844 | 20 | PASS |
|                |      |      | LV | NT | -60000.00 | -11.406844 | 20 | PASS |
|                |      |      | HV | NT | -60000.00 | -11.406844 | 20 | PASS |
|                |      | 5280 | NV | NT | -60000.00 | -11.363636 | 20 | PASS |
|                |      |      | LV | NT | -60000.00 | -11.363636 | 20 | PASS |
|                |      |      | HV | NT | -60000.00 | -11.363636 | 20 | PASS |
|                |      | 5320 | NV | NT | -60000.00 | -11.278195 | 20 | PASS |
|                |      |      | LV | NT | -60000.00 | -11.278195 | 20 | PASS |
|                |      |      | HV | NT | -60000.00 | -11.278195 | 20 | PASS |
|                |      | 5500 | NV | NT | -40000.00 | -7.272727  | 20 | PASS |
|                |      |      | LV | NT | -60000.00 | -10.909091 | 20 | PASS |
|                |      |      | HV | NT | -60000.00 | -10.909091 | 20 | PASS |
|                |      | 5580 | NV | NT | -40000.00 | -7.168459  | 20 | PASS |
|                |      |      | LV | NT | -40000.00 | -7.168459  | 20 | PASS |
|                |      |      | HV | NT | -60000.00 | -10.752688 | 20 | PASS |
|                |      | 5700 | NV | NT | -40000.00 | -7.017544  | 20 | PASS |
|                |      |      | LV | NT | -60000.00 | -10.526316 | 20 | PASS |
|                |      |      | HV | NT | -60000.00 | -10.526316 | 20 | PASS |
|                |      | 5745 | NV | NT | -20000.00 | -3.481288  | 20 | PASS |
|                |      |      | LV | NT | -20000.00 | -3.481288  | 20 | PASS |



|                |      |      |    |    |           |            |    |      |
|----------------|------|------|----|----|-----------|------------|----|------|
|                |      | 5785 | HV | NT | -40000.00 | -6.962576  | 20 | PASS |
|                |      |      | NV | NT | -20000.00 | -3.457217  | 20 | PASS |
|                |      |      | LV | NT | -20000.00 | -3.457217  | 20 | PASS |
|                |      |      | HV | NT | -20000.00 | -3.457217  | 20 | PASS |
|                |      | 5825 | NV | NT | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | LV | NT | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | HV | NT | -20000.00 | -3.433476  | 20 | PASS |
|                |      | 5190 | NV | NT | -40000.00 | -7.707129  | 20 | PASS |
|                |      |      | LV | NT | -40000.00 | -7.707129  | 20 | PASS |
|                |      |      | HV | NT | -40000.00 | -7.707129  | 20 | PASS |
| 11AC40SIS<br>O | Ant1 | 5230 | NV | NT | -40000.00 | -7.648184  | 20 | PASS |
|                |      |      | LV | NT | -40000.00 | -7.648184  | 20 | PASS |
|                |      |      | HV | NT | -40000.00 | -7.648184  | 20 | PASS |
|                |      | 5270 | NV | NT | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | LV | NT | -40000.00 | -7.590133  | 20 | PASS |
|                |      |      | HV | NT | -40000.00 | -7.590133  | 20 | PASS |
|                |      | 5310 | NV | NT | -40000.00 | -7.532957  | 20 | PASS |
|                |      |      | LV | NT | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | HV | NT | -40000.00 | -7.532957  | 20 | PASS |
|                |      | 5510 | NV | NT | -40000.00 | -7.259528  | 20 | PASS |
|                |      |      | LV | NT | -40000.00 | -7.259528  | 20 | PASS |
|                |      |      | HV | NT | 0.00      | 0.000000   | 20 | PASS |
|                |      | 5550 | NV | NT | -40000.00 | -7.207207  | 20 | PASS |
|                |      |      | LV | NT | -40000.00 | -7.207207  | 20 | PASS |
|                |      |      | HV | NT | -40000.00 | -7.207207  | 20 | PASS |
|                |      | 5670 | NV | NT | -40000.00 | -7.054674  | 20 | PASS |
|                |      |      | LV | NT | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | HV | NT | 0.00      | 0.000000   | 20 | PASS |
|                |      | 5755 | NV | NT | -40000.00 | -6.950478  | 20 | PASS |
|                |      |      | LV | NT | -40000.00 | -6.950478  | 20 | PASS |
|                |      |      | HV | NT | 0.00      | 0.000000   | 20 | PASS |
|                |      | 5795 | NV | NT | -40000.00 | -6.902502  | 20 | PASS |
|                |      |      | LV | NT | -40000.00 | -6.902502  | 20 | PASS |
|                |      |      | HV | NT | -40000.00 | -6.902502  | 20 | PASS |
| 11AX20SIS<br>O | Ant1 | 5180 | NV | NT | -60000.00 | -11.583012 | 20 | PASS |
|                |      |      | LV | NT | -60000.00 | -11.583012 | 20 | PASS |
|                |      |      | HV | NT | -60000.00 | -11.583012 | 20 | PASS |
|                |      | 5200 | NV | NT | -60000.00 | -11.538462 | 20 | PASS |
|                |      |      | LV | NT | -60000.00 | -11.538462 | 20 | PASS |
|                |      |      | HV | NT | -60000.00 | -11.538462 | 20 | PASS |
|                |      | 5240 | NV | NT | -60000.00 | -11.450382 | 20 | PASS |
|                |      |      | LV | NT | -60000.00 | -11.450382 | 20 | PASS |
|                |      |      | HV | NT | -60000.00 | -11.450382 | 20 | PASS |
|                |      | 5260 | NV | NT | -60000.00 | -11.406844 | 20 | PASS |
|                |      |      | LV | NT | -60000.00 | -11.406844 | 20 | PASS |



|                |      |      |    |    |           |            |    |      |
|----------------|------|------|----|----|-----------|------------|----|------|
| 11AX40SIS<br>O | Ant1 | 5280 | HV | NT | -60000.00 | -11.406844 | 20 | PASS |
|                |      |      | NV | NT | -60000.00 | -11.363636 | 20 | PASS |
|                |      |      | LV | NT | -60000.00 | -11.363636 | 20 | PASS |
|                |      |      | HV | NT | -60000.00 | -11.363636 | 20 | PASS |
|                |      | 5320 | NV | NT | -60000.00 | -11.278195 | 20 | PASS |
|                |      |      | LV | NT | -60000.00 | -11.278195 | 20 | PASS |
|                |      |      | HV | NT | -60000.00 | -11.278195 | 20 | PASS |
|                |      | 5500 | NV | NT | -60000.00 | -10.909091 | 20 | PASS |
|                |      |      | LV | NT | -60000.00 | -10.909091 | 20 | PASS |
|                |      |      | HV | NT | -60000.00 | -10.909091 | 20 | PASS |
|                |      | 5580 | NV | NT | -60000.00 | -10.752688 | 20 | PASS |
|                |      |      | LV | NT | -60000.00 | -10.752688 | 20 | PASS |
|                |      |      | HV | NT | -60000.00 | -10.752688 | 20 | PASS |
|                |      | 5700 | NV | NT | -60000.00 | -10.526316 | 20 | PASS |
|                |      |      | LV | NT | -60000.00 | -10.526316 | 20 | PASS |
|                |      |      | HV | NT | -60000.00 | -10.526316 | 20 | PASS |
|                |      | 5745 | NV | NT | -60000.00 | -10.443864 | 20 | PASS |
|                |      |      | LV | NT | -60000.00 | -10.443864 | 20 | PASS |
|                |      |      | HV | NT | -60000.00 | -10.443864 | 20 | PASS |
|                |      | 5785 | NV | NT | -60000.00 | -10.371651 | 20 | PASS |
|                |      |      | LV | NT | -60000.00 | -10.371651 | 20 | PASS |
|                |      |      | HV | NT | -60000.00 | -10.371651 | 20 | PASS |
|                |      | 5825 | NV | NT | -60000.00 | -10.300429 | 20 | PASS |
|                |      |      | LV | NT | -60000.00 | -10.300429 | 20 | PASS |
|                |      |      | HV | NT | -60000.00 | -10.300429 | 20 | PASS |
|                |      | 5190 | NV | NT | -80000.00 | -15.414258 | 20 | PASS |
|                |      |      | LV | NT | -80000.00 | -15.414258 | 20 | PASS |
|                |      |      | HV | NT | -80000.00 | -15.414258 | 20 | PASS |
|                |      | 5230 | NV | NT | -80000.00 | -15.296367 | 20 | PASS |
|                |      |      | LV | NT | -80000.00 | -15.296367 | 20 | PASS |
|                |      |      | HV | NT | -80000.00 | -15.296367 | 20 | PASS |
|                |      | 5270 | NV | NT | -80000.00 | -15.180266 | 20 | PASS |
|                |      |      | LV | NT | -80000.00 | -15.180266 | 20 | PASS |
|                |      |      | HV | NT | -40000.00 | -7.590133  | 20 | PASS |
|                |      | 5310 | NV | NT | -80000.00 | -15.065913 | 20 | PASS |
|                |      |      | LV | NT | -80000.00 | -15.065913 | 20 | PASS |
|                |      |      | HV | NT | -80000.00 | -15.065913 | 20 | PASS |
|                |      | 5510 | NV | NT | -80000.00 | -14.519056 | 20 | PASS |
|                |      |      | LV | NT | -80000.00 | -14.519056 | 20 | PASS |
|                |      |      | HV | NT | -80000.00 | -14.519056 | 20 | PASS |
|                |      | 5550 | NV | NT | -80000.00 | -14.414414 | 20 | PASS |
|                |      |      | LV | NT | -80000.00 | -14.414414 | 20 | PASS |
|                |      |      | HV | NT | -80000.00 | -14.414414 | 20 | PASS |
|                |      | 5670 | NV | NT | -80000.00 | -14.109347 | 20 | PASS |
|                |      |      | LV | NT | -80000.00 | -14.109347 | 20 | PASS |



|  |  |      |    |    |           |            |    |      |
|--|--|------|----|----|-----------|------------|----|------|
|  |  |      | HV | NT | -80000.00 | -14.109347 | 20 | PASS |
|  |  | 5755 | NV | NT | -80000.00 | -13.900956 | 20 | PASS |
|  |  |      | LV | NT | -80000.00 | -13.900956 | 20 | PASS |
|  |  |      | HV | NT | -80000.00 | -13.900956 | 20 | PASS |
|  |  | 5795 | NV | NT | -80000.00 | -13.805004 | 20 | PASS |
|  |  |      | LV | NT | -80000.00 | -13.805004 | 20 | PASS |
|  |  |      | HV | NT | -80000.00 | -13.805004 | 20 | PASS |

| Temperature |         |         |               |                  |                |                 |             |         |
|-------------|---------|---------|---------------|------------------|----------------|-----------------|-------------|---------|
| TestMode    | Antenna | Channel | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| 11A         | Ant1    | 5180    | NV            | 0                | -20000.00      | -3.861004       | 20          | PASS    |
|             |         |         | NV            | 10               | -20000.00      | -3.861004       | 20          | PASS    |
|             |         |         | NV            | 20               | -40000.00      | -7.722008       | 20          | PASS    |
|             |         |         | NV            | 30               | -40000.00      | -7.722008       | 20          | PASS    |
|             |         |         | NV            | 45               | -40000.00      | -7.722008       | 20          | PASS    |
|             |         | 5200    | NV            | 0                | -40000.00      | -7.692308       | 20          | PASS    |
|             |         |         | NV            | 10               | -40000.00      | -7.692308       | 20          | PASS    |
|             |         |         | NV            | 20               | -60000.00      | -11.538462      | 20          | PASS    |
|             |         |         | NV            | 30               | -40000.00      | -7.692308       | 20          | PASS    |
|             |         |         | NV            | 45               | -40000.00      | -7.692308       | 20          | PASS    |
|             |         | 5240    | NV            | 0                | -40000.00      | -7.633588       | 20          | PASS    |
|             |         |         | NV            | 10               | -40000.00      | -7.633588       | 20          | PASS    |
|             |         |         | NV            | 20               | -40000.00      | -7.633588       | 20          | PASS    |
|             |         |         | NV            | 30               | -60000.00      | -11.450382      | 20          | PASS    |
|             |         |         | NV            | 45               | -60000.00      | -11.450382      | 20          | PASS    |
|             |         | 5260    | NV            | 0                | -40000.00      | -7.604563       | 20          | PASS    |
|             |         |         | NV            | 10               | -40000.00      | -7.604563       | 20          | PASS    |
|             |         |         | NV            | 20               | -40000.00      | -7.604563       | 20          | PASS    |
|             |         |         | NV            | 30               | -40000.00      | -7.604563       | 20          | PASS    |
|             |         |         | NV            | 45               | -40000.00      | -7.604563       | 20          | PASS    |
|             |         | 5280    | NV            | 0                | -60000.00      | -11.363636      | 20          | PASS    |
|             |         |         | NV            | 10               | -40000.00      | -7.575758       | 20          | PASS    |
|             |         |         | NV            | 20               | -40000.00      | -7.575758       | 20          | PASS    |
|             |         |         | NV            | 30               | -40000.00      | -7.575758       | 20          | PASS    |
|             |         |         | NV            | 45               | -60000.00      | -11.363636      | 20          | PASS    |
|             |         | 5320    | NV            | 0                | -40000.00      | -7.518797       | 20          | PASS    |
|             |         |         | NV            | 10               | -60000.00      | -11.278195      | 20          | PASS    |
|             |         |         | NV            | 20               | -60000.00      | -11.278195      | 20          | PASS    |
|             |         |         | NV            | 30               | -40000.00      | -7.518797       | 20          | PASS    |
|             |         |         | NV            | 45               | -60000.00      | -11.278195      | 20          | PASS    |
|             |         | 5500    | NV            | 0                | -40000.00      | -7.272727       | 20          | PASS    |
|             |         |         | NV            | 10               | -40000.00      | -7.272727       | 20          | PASS    |
|             |         |         | NV            | 20               | -20000.00      | -3.636364       | 20          | PASS    |
|             |         |         | NV            | 30               | -40000.00      | -7.272727       | 20          | PASS    |



|           |      |      |    |    |           |            |    |      |
|-----------|------|------|----|----|-----------|------------|----|------|
| 11N20SISO | Ant1 |      | NV | 45 | -40000.00 | -7.272727  | 20 | PASS |
|           |      | 5580 | NV | 0  | -40000.00 | -7.168459  | 20 | PASS |
|           |      |      | NV | 10 | -40000.00 | -7.168459  | 20 | PASS |
|           |      |      | NV | 20 | -40000.00 | -7.168459  | 20 | PASS |
|           |      |      | NV | 30 | -40000.00 | -7.168459  | 20 | PASS |
|           |      |      | NV | 45 | -20000.00 | -3.584229  | 20 | PASS |
|           |      | 5700 | NV | 0  | -60000.00 | -10.526316 | 20 | PASS |
|           |      |      | NV | 10 | -60000.00 | -10.526316 | 20 | PASS |
|           |      |      | NV | 20 | -60000.00 | -10.526316 | 20 | PASS |
|           |      |      | NV | 30 | -40000.00 | -7.017544  | 20 | PASS |
|           |      |      | NV | 45 | -40000.00 | -7.017544  | 20 | PASS |
|           |      | 5745 | NV | 0  | -80000.00 | -13.925152 | 20 | PASS |
|           |      |      | NV | 10 | -60000.00 | -10.443864 | 20 | PASS |
|           |      |      | NV | 20 | -60000.00 | -10.443864 | 20 | PASS |
|           |      |      | NV | 30 | -40000.00 | -6.962576  | 20 | PASS |
|           |      |      | NV | 45 | -40000.00 | -6.962576  | 20 | PASS |
|           |      | 5785 | NV | 0  | -60000.00 | -10.371651 | 20 | PASS |
|           |      |      | NV | 10 | -40000.00 | -6.914434  | 20 | PASS |
|           |      |      | NV | 20 | -40000.00 | -6.914434  | 20 | PASS |
|           |      |      | NV | 30 | -40000.00 | -6.914434  | 20 | PASS |
|           |      |      | NV | 45 | -40000.00 | -6.914434  | 20 | PASS |
|           |      | 5825 | NV | 0  | -40000.00 | -6.866953  | 20 | PASS |
|           |      |      | NV | 10 | -60000.00 | -10.300429 | 20 | PASS |
|           |      |      | NV | 20 | -40000.00 | -6.866953  | 20 | PASS |
|           |      |      | NV | 30 | -40000.00 | -6.866953  | 20 | PASS |
|           |      |      | NV | 45 | -60000.00 | -10.300429 | 20 | PASS |
|           | Ant1 | 5180 | NV | 0  | -60000.00 | -11.583012 | 20 | PASS |
|           |      |      | NV | 10 | -40000.00 | -7.722008  | 20 | PASS |
|           |      |      | NV | 20 | -60000.00 | -11.583012 | 20 | PASS |
|           |      |      | NV | 30 | -60000.00 | -11.583012 | 20 | PASS |
|           |      |      | NV | 45 | -60000.00 | -11.583012 | 20 | PASS |
|           |      | 5200 | NV | 0  | -60000.00 | -11.538462 | 20 | PASS |
|           |      |      | NV | 10 | -60000.00 | -11.538462 | 20 | PASS |
|           |      |      | NV | 20 | -60000.00 | -11.538462 | 20 | PASS |
|           |      |      | NV | 30 | -60000.00 | -11.538462 | 20 | PASS |
|           |      |      | NV | 45 | -60000.00 | -11.538462 | 20 | PASS |
|           |      | 5240 | NV | 0  | -40000.00 | -7.633588  | 20 | PASS |
|           |      |      | NV | 10 | -40000.00 | -7.633588  | 20 | PASS |
|           |      |      | NV | 20 | -60000.00 | -11.450382 | 20 | PASS |
|           |      |      | NV | 30 | -60000.00 | -11.450382 | 20 | PASS |
|           |      |      | NV | 45 | -60000.00 | -11.450382 | 20 | PASS |
|           |      | 5260 | NV | 0  | -60000.00 | -11.406844 | 20 | PASS |
|           |      |      | NV | 10 | -60000.00 | -11.406844 | 20 | PASS |
|           |      |      | NV | 20 | -40000.00 | -7.604563  | 20 | PASS |
|           |      |      | NV | 30 | -60000.00 | -11.406844 | 20 | PASS |



|           |      |      |    |    |           |            |    |      |
|-----------|------|------|----|----|-----------|------------|----|------|
|           |      |      | NV | 45 | -60000.00 | -11.406844 | 20 | PASS |
|           |      |      | NV | 0  | -60000.00 | -11.363636 | 20 | PASS |
|           |      | 5280 | NV | 10 | -60000.00 | -11.363636 | 20 | PASS |
|           |      |      | NV | 20 | -60000.00 | -11.363636 | 20 | PASS |
|           |      |      | NV | 30 | -80000.00 | -15.151515 | 20 | PASS |
|           |      |      | NV | 45 | -60000.00 | -11.363636 | 20 | PASS |
|           |      |      | NV | 0  | -60000.00 | -11.278195 | 20 | PASS |
|           |      | 5320 | NV | 10 | -40000.00 | -7.518797  | 20 | PASS |
|           |      |      | NV | 20 | -60000.00 | -11.278195 | 20 | PASS |
|           |      |      | NV | 30 | -60000.00 | -11.278195 | 20 | PASS |
|           |      |      | NV | 45 | -20000.00 | -3.759398  | 20 | PASS |
|           |      |      | NV | 0  | -60000.00 | -10.909091 | 20 | PASS |
|           |      | 5500 | NV | 10 | -60000.00 | -10.909091 | 20 | PASS |
|           |      |      | NV | 20 | -60000.00 | -10.909091 | 20 | PASS |
|           |      |      | NV | 30 | -60000.00 | -10.909091 | 20 | PASS |
|           |      |      | NV | 45 | -60000.00 | -10.909091 | 20 | PASS |
|           |      |      | NV | 0  | -40000.00 | -7.168459  | 20 | PASS |
|           |      | 5580 | NV | 10 | -60000.00 | -10.752688 | 20 | PASS |
|           |      |      | NV | 20 | -60000.00 | -10.752688 | 20 | PASS |
|           |      |      | NV | 30 | -40000.00 | -7.168459  | 20 | PASS |
|           |      |      | NV | 45 | -40000.00 | -7.168459  | 20 | PASS |
|           |      |      | NV | 0  | -60000.00 | -10.526316 | 20 | PASS |
|           |      | 5700 | NV | 10 | -60000.00 | -10.526316 | 20 | PASS |
|           |      |      | NV | 20 | -60000.00 | -10.526316 | 20 | PASS |
|           |      |      | NV | 30 | -60000.00 | -10.526316 | 20 | PASS |
|           |      |      | NV | 45 | -60000.00 | -10.526316 | 20 | PASS |
|           |      |      | NV | 0  | -40000.00 | -6.962576  | 20 | PASS |
|           |      | 5745 | NV | 10 | -60000.00 | -10.443864 | 20 | PASS |
|           |      |      | NV | 20 | -60000.00 | -10.443864 | 20 | PASS |
|           |      |      | NV | 30 | -60000.00 | -10.443864 | 20 | PASS |
|           |      |      | NV | 45 | -60000.00 | -10.443864 | 20 | PASS |
|           |      |      | NV | 0  | -60000.00 | -10.371651 | 20 | PASS |
|           |      | 5785 | NV | 10 | -60000.00 | -10.371651 | 20 | PASS |
|           |      |      | NV | 20 | -60000.00 | -10.371651 | 20 | PASS |
|           |      |      | NV | 30 | -60000.00 | -10.371651 | 20 | PASS |
|           |      |      | NV | 45 | -60000.00 | -10.371651 | 20 | PASS |
|           |      |      | NV | 0  | -40000.00 | -6.866953  | 20 | PASS |
|           |      | 5825 | NV | 10 | -60000.00 | -10.300429 | 20 | PASS |
|           |      |      | NV | 20 | -60000.00 | -10.300429 | 20 | PASS |
|           |      |      | NV | 30 | -60000.00 | -10.300429 | 20 | PASS |
|           |      |      | NV | 45 | -60000.00 | -10.300429 | 20 | PASS |
|           |      |      | NV | 0  | -40000.00 | -6.866953  | 20 | PASS |
| 11N40SISO | Ant1 | 5190 | NV | 0  | -40000.00 | -7.707129  | 20 | PASS |
|           |      |      | NV | 10 | -40000.00 | -7.707129  | 20 | PASS |
|           |      |      | NV | 20 | -40000.00 | -7.707129  | 20 | PASS |
|           |      |      | NV | 30 | -40000.00 | -7.707129  | 20 | PASS |



|                |      |      |    |    |           |            |    |      |
|----------------|------|------|----|----|-----------|------------|----|------|
|                |      |      | NV | 45 | -40000.00 | -7.707129  | 20 | PASS |
|                |      |      | NV | 0  | -40000.00 | -7.648184  | 20 | PASS |
|                |      | 5230 | NV | 10 | -40000.00 | -7.648184  | 20 | PASS |
|                |      |      | NV | 20 | -40000.00 | -7.648184  | 20 | PASS |
|                |      |      | NV | 30 | -40000.00 | -7.648184  | 20 | PASS |
|                |      |      | NV | 45 | -40000.00 | -7.648184  | 20 | PASS |
|                |      | 5270 | NV | 0  | -40000.00 | -7.590133  | 20 | PASS |
|                |      |      | NV | 10 | -40000.00 | -7.590133  | 20 | PASS |
|                |      |      | NV | 20 | -40000.00 | -7.590133  | 20 | PASS |
|                |      |      | NV | 30 | -40000.00 | -7.590133  | 20 | PASS |
|                |      |      | NV | 45 | -40000.00 | -7.590133  | 20 | PASS |
|                |      | 5310 | NV | 0  | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | 10 | -40000.00 | -7.532957  | 20 | PASS |
|                |      |      | NV | 20 | -40000.00 | -7.532957  | 20 | PASS |
|                |      |      | NV | 30 | -80000.00 | -15.065913 | 20 | PASS |
|                |      |      | NV | 45 | -40000.00 | -7.532957  | 20 | PASS |
|                |      | 5510 | NV | 0  | -40000.00 | -7.259528  | 20 | PASS |
|                |      |      | NV | 10 | -40000.00 | -7.259528  | 20 | PASS |
|                |      |      | NV | 20 | -40000.00 | -7.259528  | 20 | PASS |
|                |      |      | NV | 30 | -40000.00 | -7.259528  | 20 | PASS |
|                |      |      | NV | 45 | -40000.00 | -7.259528  | 20 | PASS |
|                |      | 5550 | NV | 0  | -40000.00 | -7.207207  | 20 | PASS |
|                |      |      | NV | 10 | -40000.00 | -7.207207  | 20 | PASS |
|                |      |      | NV | 20 | -40000.00 | -7.207207  | 20 | PASS |
|                |      |      | NV | 30 | -40000.00 | -7.207207  | 20 | PASS |
|                |      |      | NV | 45 | -40000.00 | -7.207207  | 20 | PASS |
|                |      | 5670 | NV | 0  | -40000.00 | -7.054674  | 20 | PASS |
|                |      |      | NV | 10 | -40000.00 | -7.054674  | 20 | PASS |
|                |      |      | NV | 20 | -40000.00 | -7.054674  | 20 | PASS |
|                |      |      | NV | 30 | -40000.00 | -7.054674  | 20 | PASS |
|                |      |      | NV | 45 | -40000.00 | -7.054674  | 20 | PASS |
|                |      | 5755 | NV | 0  | -40000.00 | -6.950478  | 20 | PASS |
|                |      |      | NV | 10 | -80000.00 | -13.900956 | 20 | PASS |
|                |      |      | NV | 20 | -40000.00 | -6.950478  | 20 | PASS |
|                |      |      | NV | 30 | -40000.00 | -6.950478  | 20 | PASS |
|                |      |      | NV | 45 | -40000.00 | -6.950478  | 20 | PASS |
|                |      | 5795 | NV | 0  | -40000.00 | -6.902502  | 20 | PASS |
|                |      |      | NV | 10 | -40000.00 | -6.902502  | 20 | PASS |
|                |      |      | NV | 20 | -40000.00 | -6.902502  | 20 | PASS |
|                |      |      | NV | 30 | -40000.00 | -6.902502  | 20 | PASS |
|                |      |      | NV | 45 | -40000.00 | -6.902502  | 20 | PASS |
| 11AC20SIS<br>O | Ant1 | 5180 | NV | 0  | -40000.00 | -7.722008  | 20 | PASS |
|                |      |      | NV | 10 | -60000.00 | -11.583012 | 20 | PASS |
|                |      |      | NV | 20 | -40000.00 | -7.722008  | 20 | PASS |
|                |      |      | NV | 30 | -60000.00 | -11.583012 | 20 | PASS |



|  |      |    |    |           |            |    |      |
|--|------|----|----|-----------|------------|----|------|
|  |      | NV | 45 | -40000.00 | -7.722008  | 20 | PASS |
|  | 5200 | NV | 0  | -20000.00 | -3.846154  | 20 | PASS |
|  |      | NV | 10 | -40000.00 | -7.692308  | 20 | PASS |
|  |      | NV | 20 | -20000.00 | -3.846154  | 20 | PASS |
|  |      | NV | 30 | -20000.00 | -3.846154  | 20 | PASS |
|  |      | NV | 45 | -40000.00 | -7.692308  | 20 | PASS |
|  | 5240 | NV | 0  | -40000.00 | -7.633588  | 20 | PASS |
|  |      | NV | 10 | -60000.00 | -11.450382 | 20 | PASS |
|  |      | NV | 20 | -40000.00 | -7.633588  | 20 | PASS |
|  |      | NV | 30 | -40000.00 | -7.633588  | 20 | PASS |
|  |      | NV | 45 | -60000.00 | -11.450382 | 20 | PASS |
|  | 5260 | NV | 0  | -60000.00 | -11.406844 | 20 | PASS |
|  |      | NV | 10 | -60000.00 | -11.406844 | 20 | PASS |
|  |      | NV | 20 | -60000.00 | -11.406844 | 20 | PASS |
|  |      | NV | 30 | -60000.00 | -11.406844 | 20 | PASS |
|  |      | NV | 45 | -40000.00 | -7.604563  | 20 | PASS |
|  | 5280 | NV | 0  | -60000.00 | -11.363636 | 20 | PASS |
|  |      | NV | 10 | -60000.00 | -11.363636 | 20 | PASS |
|  |      | NV | 20 | -60000.00 | -11.363636 | 20 | PASS |
|  |      | NV | 30 | -60000.00 | -11.363636 | 20 | PASS |
|  |      | NV | 45 | -40000.00 | -7.575758  | 20 | PASS |
|  | 5320 | NV | 0  | -60000.00 | -11.278195 | 20 | PASS |
|  |      | NV | 10 | -60000.00 | -11.278195 | 20 | PASS |
|  |      | NV | 20 | -60000.00 | -11.278195 | 20 | PASS |
|  |      | NV | 30 | -40000.00 | -7.518797  | 20 | PASS |
|  |      | NV | 45 | -60000.00 | -11.278195 | 20 | PASS |
|  | 5500 | NV | 0  | -60000.00 | -10.909091 | 20 | PASS |
|  |      | NV | 10 | -60000.00 | -10.909091 | 20 | PASS |
|  |      | NV | 20 | -60000.00 | -10.909091 | 20 | PASS |
|  |      | NV | 30 | -60000.00 | -10.909091 | 20 | PASS |
|  |      | NV | 45 | -60000.00 | -10.909091 | 20 | PASS |
|  | 5580 | NV | 0  | -60000.00 | -10.752688 | 20 | PASS |
|  |      | NV | 10 | -60000.00 | -10.752688 | 20 | PASS |
|  |      | NV | 20 | -60000.00 | -10.752688 | 20 | PASS |
|  |      | NV | 30 | -60000.00 | -10.752688 | 20 | PASS |
|  |      | NV | 45 | -60000.00 | -10.752688 | 20 | PASS |
|  | 5700 | NV | 0  | -60000.00 | -10.526316 | 20 | PASS |
|  |      | NV | 10 | -60000.00 | -10.526316 | 20 | PASS |
|  |      | NV | 20 | -60000.00 | -10.526316 | 20 | PASS |
|  |      | NV | 30 | -60000.00 | -10.526316 | 20 | PASS |
|  |      | NV | 45 | -60000.00 | -10.526316 | 20 | PASS |
|  | 5745 | NV | 0  | -20000.00 | -3.481288  | 20 | PASS |
|  |      | NV | 10 | -40000.00 | -6.962576  | 20 | PASS |
|  |      | NV | 20 | -20000.00 | -3.481288  | 20 | PASS |
|  |      | NV | 30 | -20000.00 | -3.481288  | 20 | PASS |



|                |      |      |    |    |           |           |    |      |
|----------------|------|------|----|----|-----------|-----------|----|------|
| 11AC40SIS<br>O | Ant1 | 5785 | NV | 45 | -20000.00 | -3.481288 | 20 | PASS |
|                |      |      | NV | 0  | -20000.00 | -3.457217 | 20 | PASS |
|                |      |      | NV | 10 | 0.00      | 0.000000  | 20 | PASS |
|                |      |      | NV | 20 | -20000.00 | -3.457217 | 20 | PASS |
|                |      |      | NV | 30 | 0.00      | 0.000000  | 20 | PASS |
|                |      |      | NV | 45 | 0.00      | 0.000000  | 20 | PASS |
|                |      | 5825 | NV | 0  | -20000.00 | -3.433476 | 20 | PASS |
|                |      |      | NV | 10 | -20000.00 | -3.433476 | 20 | PASS |
|                |      |      | NV | 20 | -20000.00 | -3.433476 | 20 | PASS |
|                |      |      | NV | 30 | -20000.00 | -3.433476 | 20 | PASS |
|                |      |      | NV | 45 | -20000.00 | -3.433476 | 20 | PASS |
|                | Ant1 | 5190 | NV | 0  | 0.00      | 0.000000  | 20 | PASS |
|                |      |      | NV | 10 | 0.00      | 0.000000  | 20 | PASS |
|                |      |      | NV | 20 | -40000.00 | -7.707129 | 20 | PASS |
|                |      |      | NV | 30 | -40000.00 | -7.707129 | 20 | PASS |
|                |      |      | NV | 45 | 0.00      | 0.000000  | 20 | PASS |
|                |      | 5230 | NV | 0  | -40000.00 | -7.648184 | 20 | PASS |
|                |      |      | NV | 10 | -40000.00 | -7.648184 | 20 | PASS |
|                |      |      | NV | 20 | -40000.00 | -7.648184 | 20 | PASS |
|                |      |      | NV | 30 | 0.00      | 0.000000  | 20 | PASS |
|                |      |      | NV | 45 | -40000.00 | -7.648184 | 20 | PASS |
|                |      | 5270 | NV | 0  | -40000.00 | -7.590133 | 20 | PASS |
|                |      |      | NV | 10 | -40000.00 | -7.590133 | 20 | PASS |
|                |      |      | NV | 20 | -40000.00 | -7.590133 | 20 | PASS |
|                |      |      | NV | 30 | 0.00      | 0.000000  | 20 | PASS |
|                |      |      | NV | 45 | -40000.00 | -7.590133 | 20 | PASS |
|                |      | 5310 | NV | 0  | -40000.00 | -7.532957 | 20 | PASS |
|                |      |      | NV | 10 | -40000.00 | -7.532957 | 20 | PASS |
|                |      |      | NV | 20 | 0.00      | 0.000000  | 20 | PASS |
|                |      |      | NV | 30 | -40000.00 | -7.532957 | 20 | PASS |
|                |      |      | NV | 45 | -40000.00 | -7.532957 | 20 | PASS |
|                |      | 5510 | NV | 0  | 0.00      | 0.000000  | 20 | PASS |
|                |      |      | NV | 10 | -40000.00 | -7.259528 | 20 | PASS |
|                |      |      | NV | 20 | -40000.00 | -7.259528 | 20 | PASS |
|                |      |      | NV | 30 | 0.00      | 0.000000  | 20 | PASS |
|                |      |      | NV | 45 | 0.00      | 0.000000  | 20 | PASS |
|                |      | 5550 | NV | 0  | 40000.00  | 7.207207  | 20 | PASS |
|                |      |      | NV | 10 | -40000.00 | -7.207207 | 20 | PASS |
|                |      |      | NV | 20 | -40000.00 | -7.207207 | 20 | PASS |
|                |      |      | NV | 30 | -40000.00 | -7.207207 | 20 | PASS |
|                |      |      | NV | 45 | 0.00      | 0.000000  | 20 | PASS |
|                |      | 5670 | NV | 0  | 0.00      | 0.000000  | 20 | PASS |
|                |      |      | NV | 10 | 0.00      | 0.000000  | 20 | PASS |
|                |      |      | NV | 20 | -40000.00 | -7.054674 | 20 | PASS |
|                |      |      | NV | 30 | -40000.00 | -7.054674 | 20 | PASS |



|                |      |      |    |    |           |            |    |      |
|----------------|------|------|----|----|-----------|------------|----|------|
| 11AX20SIS<br>O | Ant1 | 5755 | NV | 45 | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | 0  | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | 10 | -40000.00 | -6.950478  | 20 | PASS |
|                |      |      | NV | 20 | -40000.00 | -6.950478  | 20 | PASS |
|                |      |      | NV | 30 | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | 45 | -40000.00 | -6.950478  | 20 | PASS |
|                |      | 5795 | NV | 0  | -40000.00 | -6.902502  | 20 | PASS |
|                |      |      | NV | 10 | -40000.00 | -6.902502  | 20 | PASS |
|                |      |      | NV | 20 | -40000.00 | -6.902502  | 20 | PASS |
|                |      |      | NV | 30 | -40000.00 | -6.902502  | 20 | PASS |
|                |      | 5180 | NV | 0  | -60000.00 | -11.583012 | 20 | PASS |
|                |      |      | NV | 10 | -60000.00 | -11.583012 | 20 | PASS |
|                |      |      | NV | 20 | -60000.00 | -11.583012 | 20 | PASS |
|                |      |      | NV | 30 | -60000.00 | -11.583012 | 20 | PASS |
|                |      |      | NV | 45 | -60000.00 | -11.583012 | 20 | PASS |
|                |      | 5200 | NV | 0  | -60000.00 | -11.538462 | 20 | PASS |
|                |      |      | NV | 10 | -60000.00 | -11.538462 | 20 | PASS |
|                |      |      | NV | 20 | -60000.00 | -11.538462 | 20 | PASS |
|                |      |      | NV | 30 | -60000.00 | -11.538462 | 20 | PASS |
|                |      |      | NV | 45 | -60000.00 | -11.538462 | 20 | PASS |
|                |      | 5240 | NV | 0  | -60000.00 | -11.450382 | 20 | PASS |
|                |      |      | NV | 10 | -60000.00 | -11.450382 | 20 | PASS |
|                |      |      | NV | 20 | -60000.00 | -11.450382 | 20 | PASS |
|                |      |      | NV | 30 | -60000.00 | -11.450382 | 20 | PASS |
|                |      |      | NV | 45 | -60000.00 | -11.450382 | 20 | PASS |
|                |      | 5260 | NV | 0  | -60000.00 | -11.406844 | 20 | PASS |
|                |      |      | NV | 10 | -60000.00 | -11.406844 | 20 | PASS |
|                |      |      | NV | 20 | -60000.00 | -11.406844 | 20 | PASS |
|                |      |      | NV | 30 | -60000.00 | -11.406844 | 20 | PASS |
|                |      |      | NV | 45 | -60000.00 | -11.406844 | 20 | PASS |
|                |      | 5280 | NV | 0  | -60000.00 | -11.363636 | 20 | PASS |
|                |      |      | NV | 10 | -60000.00 | -11.363636 | 20 | PASS |
|                |      |      | NV | 20 | -60000.00 | -11.363636 | 20 | PASS |
|                |      |      | NV | 30 | -60000.00 | -11.363636 | 20 | PASS |
|                |      |      | NV | 45 | -60000.00 | -11.363636 | 20 | PASS |
|                |      | 5320 | NV | 0  | -60000.00 | -11.278195 | 20 | PASS |
|                |      |      | NV | 10 | -60000.00 | -11.278195 | 20 | PASS |
|                |      |      | NV | 20 | -60000.00 | -11.278195 | 20 | PASS |
|                |      |      | NV | 30 | -60000.00 | -11.278195 | 20 | PASS |
|                |      |      | NV | 45 | -60000.00 | -11.278195 | 20 | PASS |
|                |      | 5500 | NV | 0  | -60000.00 | -10.909091 | 20 | PASS |
|                |      |      | NV | 10 | -60000.00 | -10.909091 | 20 | PASS |
|                |      |      | NV | 20 | -60000.00 | -10.909091 | 20 | PASS |
|                |      |      | NV | 30 | -60000.00 | -10.909091 | 20 | PASS |



|                |      |      |    |    |           |            |    |      |
|----------------|------|------|----|----|-----------|------------|----|------|
| 11AX40SIS<br>O | Ant1 | 5580 | NV | 45 | -60000.00 | -10.909091 | 20 | PASS |
|                |      |      | NV | 0  | -60000.00 | -10.752688 | 20 | PASS |
|                |      |      | NV | 10 | -60000.00 | -10.752688 | 20 | PASS |
|                |      |      | NV | 20 | -60000.00 | -10.752688 | 20 | PASS |
|                |      |      | NV | 30 | -60000.00 | -10.752688 | 20 | PASS |
|                |      |      | NV | 45 | -60000.00 | -10.752688 | 20 | PASS |
|                |      | 5700 | NV | 0  | -60000.00 | -10.526316 | 20 | PASS |
|                |      |      | NV | 10 | -60000.00 | -10.526316 | 20 | PASS |
|                |      |      | NV | 20 | -60000.00 | -10.526316 | 20 | PASS |
|                |      |      | NV | 30 | -60000.00 | -10.526316 | 20 | PASS |
|                |      |      | NV | 45 | -60000.00 | -10.526316 | 20 | PASS |
|                |      | 5745 | NV | 0  | -60000.00 | -10.443864 | 20 | PASS |
|                |      |      | NV | 10 | -60000.00 | -10.443864 | 20 | PASS |
|                |      |      | NV | 20 | -60000.00 | -10.443864 | 20 | PASS |
|                |      |      | NV | 30 | -60000.00 | -10.443864 | 20 | PASS |
|                |      |      | NV | 45 | -60000.00 | -10.443864 | 20 | PASS |
|                |      | 5785 | NV | 0  | -60000.00 | -10.371651 | 20 | PASS |
|                |      |      | NV | 10 | -60000.00 | -10.371651 | 20 | PASS |
|                |      |      | NV | 20 | -60000.00 | -10.371651 | 20 | PASS |
|                |      |      | NV | 30 | -60000.00 | -10.371651 | 20 | PASS |
|                |      |      | NV | 45 | -60000.00 | -10.371651 | 20 | PASS |
|                |      | 5825 | NV | 0  | -60000.00 | -10.300429 | 20 | PASS |
|                |      |      | NV | 10 | -60000.00 | -10.300429 | 20 | PASS |
|                |      |      | NV | 20 | -60000.00 | -10.300429 | 20 | PASS |
|                |      |      | NV | 30 | -60000.00 | -10.300429 | 20 | PASS |
|                |      |      | NV | 45 | -60000.00 | -10.300429 | 20 | PASS |
|                |      | 5190 | NV | 0  | -80000.00 | -15.414258 | 20 | PASS |
|                |      |      | NV | 10 | -40000.00 | -7.707129  | 20 | PASS |
|                |      |      | NV | 20 | -80000.00 | -15.414258 | 20 | PASS |
|                |      |      | NV | 30 | -80000.00 | -15.414258 | 20 | PASS |
|                |      |      | NV | 45 | -80000.00 | -15.414258 | 20 | PASS |
|                |      | 5230 | NV | 0  | -80000.00 | -15.296367 | 20 | PASS |
|                |      |      | NV | 10 | -40000.00 | -7.648184  | 20 | PASS |
|                |      |      | NV | 20 | -80000.00 | -15.296367 | 20 | PASS |
|                |      |      | NV | 30 | -80000.00 | -15.296367 | 20 | PASS |
|                |      |      | NV | 45 | -80000.00 | -15.296367 | 20 | PASS |
|                |      | 5270 | NV | 0  | -80000.00 | -15.180266 | 20 | PASS |
|                |      |      | NV | 10 | -80000.00 | -15.180266 | 20 | PASS |
|                |      |      | NV | 20 | -80000.00 | -15.180266 | 20 | PASS |
|                |      |      | NV | 30 | -80000.00 | -15.180266 | 20 | PASS |
|                |      |      | NV | 45 | -80000.00 | -15.180266 | 20 | PASS |
|                |      | 5310 | NV | 0  | -80000.00 | -15.065913 | 20 | PASS |
|                |      |      | NV | 10 | -80000.00 | -15.065913 | 20 | PASS |
|                |      |      | NV | 20 | -80000.00 | -15.065913 | 20 | PASS |
|                |      |      | NV | 30 | -80000.00 | -15.065913 | 20 | PASS |



|  |      |    |    |           |            |    |      |
|--|------|----|----|-----------|------------|----|------|
|  |      | NV | 45 | -80000.00 | -15.065913 | 20 | PASS |
|  | 5510 | NV | 0  | -80000.00 | -14.519056 | 20 | PASS |
|  |      | NV | 10 | -80000.00 | -14.519056 | 20 | PASS |
|  |      | NV | 20 | -80000.00 | -14.519056 | 20 | PASS |
|  |      | NV | 30 | -80000.00 | -14.519056 | 20 | PASS |
|  |      | NV | 45 | -80000.00 | -14.519056 | 20 | PASS |
|  | 5550 | NV | 0  | -40000.00 | -7.207207  | 20 | PASS |
|  |      | NV | 10 | -80000.00 | -14.414414 | 20 | PASS |
|  |      | NV | 20 | -80000.00 | -14.414414 | 20 | PASS |
|  |      | NV | 30 | -80000.00 | -14.414414 | 20 | PASS |
|  |      | NV | 45 | -80000.00 | -14.414414 | 20 | PASS |
|  | 5670 | NV | 0  | -80000.00 | -14.109347 | 20 | PASS |
|  |      | NV | 10 | -80000.00 | -14.109347 | 20 | PASS |
|  |      | NV | 20 | -80000.00 | -14.109347 | 20 | PASS |
|  |      | NV | 30 | -80000.00 | -14.109347 | 20 | PASS |
|  |      | NV | 45 | -80000.00 | -14.109347 | 20 | PASS |
|  | 5755 | NV | 0  | -80000.00 | -13.900956 | 20 | PASS |
|  |      | NV | 10 | -80000.00 | -13.900956 | 20 | PASS |
|  |      | NV | 20 | -80000.00 | -13.900956 | 20 | PASS |
|  |      | NV | 30 | -80000.00 | -13.900956 | 20 | PASS |
|  |      | NV | 45 | -80000.00 | -13.900956 | 20 | PASS |
|  | 5795 | NV | 0  | -80000.00 | -13.805004 | 20 | PASS |
|  |      | NV | 10 | -80000.00 | -13.805004 | 20 | PASS |
|  |      | NV | 20 | -80000.00 | -13.805004 | 20 | PASS |
|  |      | NV | 30 | -80000.00 | -13.805004 | 20 | PASS |
|  |      | NV | 45 | -80000.00 | -13.805004 | 20 | PASS |



## 10. Duty Cycle

### 10.1. Test Result

| TestMode   | Antenna | Channel | Transmission Duration [ms] | Transmission Period [ms] | Duty Cycle [%] | 1/T [kHz] | Limit | Verdict |
|------------|---------|---------|----------------------------|--------------------------|----------------|-----------|-------|---------|
| 11A        | Ant1    | 5180    | 1.40                       | 2.42                     | 57.85          | 0.714286  | ---   | ---     |
|            |         | 5200    | 1.40                       | 2.43                     | 57.61          | 0.714286  | ---   | ---     |
|            |         | 5240    | 1.40                       | 2.42                     | 57.85          | 0.714286  | ---   | ---     |
|            |         | 5260    | 1.40                       | 2.42                     | 57.85          | 0.714286  | ---   | ---     |
|            |         | 5280    | 1.39                       | 2.41                     | 57.68          | 0.719424  | ---   | ---     |
|            |         | 5320    | 1.39                       | 2.41                     | 57.68          | 0.719424  | ---   | ---     |
|            |         | 5500    | 1.39                       | 2.42                     | 57.44          | 0.719424  | ---   | ---     |
|            |         | 5580    | 1.40                       | 2.42                     | 57.85          | 0.714286  | ---   | ---     |
|            |         | 5700    | 1.39                       | 2.42                     | 57.44          | 0.719424  | ---   | ---     |
|            |         | 5745    | 1.39                       | 2.41                     | 57.68          | 0.719424  | ---   | ---     |
|            |         | 5785    | 1.40                       | 2.42                     | 57.85          | 0.714286  | ---   | ---     |
|            |         | 5825    | 1.39                       | 2.41                     | 57.68          | 0.719424  | ---   | ---     |
| 11N20SISO  | Ant1    | 5180    | 5.09                       | 6.11                     | 83.31          | 0.196464  | ---   | ---     |
|            |         | 5200    | 5.10                       | 6.11                     | 83.47          | 0.196078  | ---   | ---     |
|            |         | 5240    | 5.10                       | 6.11                     | 83.47          | 0.196078  | ---   | ---     |
|            |         | 5260    | 5.09                       | 6.11                     | 83.31          | 0.196464  | ---   | ---     |
|            |         | 5280    | 5.09                       | 6.12                     | 83.17          | 0.196464  | ---   | ---     |
|            |         | 5320    | 5.10                       | 6.13                     | 83.20          | 0.196078  | ---   | ---     |
|            |         | 5500    | 5.09                       | 6.12                     | 83.17          | 0.196464  | ---   | ---     |
|            |         | 5580    | 5.09                       | 6.11                     | 83.31          | 0.196464  | ---   | ---     |
|            |         | 5700    | 5.10                       | 6.11                     | 83.47          | 0.196078  | ---   | ---     |
|            |         | 5745    | 5.09                       | 6.11                     | 83.31          | 0.196464  | ---   | ---     |
|            |         | 5785    | 5.08                       | 6.11                     | 83.14          | 0.19685   | ---   | ---     |
|            |         | 5825    | 5.10                       | 6.11                     | 83.47          | 0.196078  | ---   | ---     |
| 11N40SISO  | Ant1    | 5190    | 4.90                       | 5.93                     | 82.63          | 0.204082  | ---   | ---     |
|            |         | 5230    | 2.47                       | 3.49                     | 70.77          | 0.404858  | ---   | ---     |
|            |         | 5270    | 2.46                       | 3.49                     | 70.49          | 0.406504  | ---   | ---     |
|            |         | 5310    | 2.46                       | 3.48                     | 70.69          | 0.406504  | ---   | ---     |
|            |         | 5510    | 2.47                       | 3.49                     | 70.77          | 0.404858  | ---   | ---     |
|            |         | 5550    | 2.48                       | 3.49                     | 71.06          | 0.403226  | ---   | ---     |
|            |         | 5670    | 2.47                       | 3.50                     | 70.57          | 0.404858  | ---   | ---     |
|            |         | 5755    | 2.48                       | 3.50                     | 70.86          | 0.403226  | ---   | ---     |
|            |         | 5795    | 2.47                       | 3.49                     | 70.77          | 0.404858  | ---   | ---     |
| 11AC20SISO | Ant1    | 5180    | 5.10                       | 6.13                     | 83.20          | 0.196078  | ---   | ---     |
|            |         | 5200    | 5.12                       | 10.73                    | 47.72          | 0.195313  | ---   | ---     |
|            |         | 5240    | 5.09                       | 6.11                     | 83.31          | 0.196464  | ---   | ---     |
|            |         | 5260    | 5.11                       | 6.13                     | 83.36          | 0.195695  | ---   | ---     |
|            |         | 5280    | 5.09                       | 6.12                     | 83.17          | 0.196464  | ---   | ---     |
|            |         | 5320    | 5.09                       | 6.12                     | 83.17          | 0.196464  | ---   | ---     |

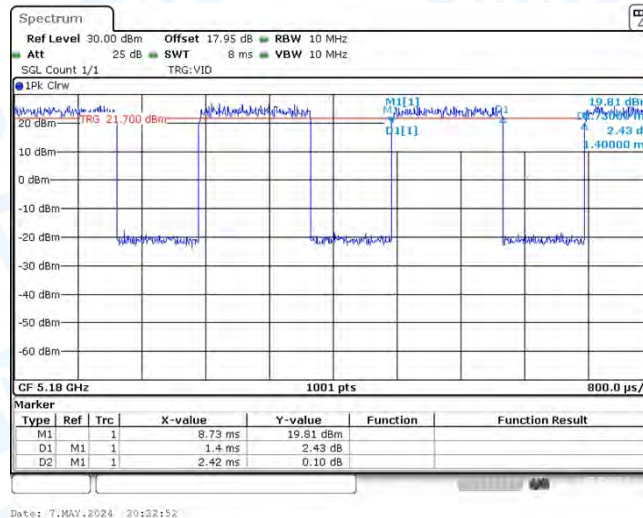


|            |      |      |      |      |       |          |     |     |
|------------|------|------|------|------|-------|----------|-----|-----|
|            |      | 5500 | 5.10 | 6.13 | 83.20 | 0.196078 | --- | --- |
|            |      | 5580 | 5.11 | 6.13 | 83.36 | 0.195695 | --- | --- |
|            |      | 5700 | 5.09 | 6.12 | 83.17 | 0.196464 | --- | --- |
|            |      | 5745 | 5.09 | 6.12 | 83.17 | 0.196464 | --- | --- |
|            |      | 5785 | 5.10 | 6.12 | 83.33 | 0.196078 | --- | --- |
|            |      | 5825 | 5.10 | 6.12 | 83.33 | 0.196078 | --- | --- |
| 11AC40SISO | Ant1 | 5190 | 4.91 | 5.93 | 82.80 | 0.203666 | --- | --- |
|            |      | 5230 | 4.90 | 5.91 | 82.91 | 0.204082 | --- | --- |
|            |      | 5270 | 4.90 | 5.93 | 82.63 | 0.204082 | --- | --- |
|            |      | 5310 | 4.90 | 5.93 | 82.63 | 0.204082 | --- | --- |
|            |      | 5510 | 4.90 | 5.93 | 82.63 | 0.204082 | --- | --- |
|            |      | 5550 | 4.90 | 5.93 | 82.63 | 0.204082 | --- | --- |
|            |      | 5670 | 4.92 | 5.94 | 82.83 | 0.203252 | --- | --- |
|            |      | 5755 | 4.91 | 5.92 | 82.94 | 0.203666 | --- | --- |
|            |      | 5795 | 4.91 | 5.93 | 82.80 | 0.203666 | --- | --- |
| 11AX20SISO | Ant1 | 5180 | 3.88 | 4.91 | 79.02 | 0.257732 | --- | --- |
|            |      | 5200 | 3.88 | 4.90 | 79.18 | 0.257732 | --- | --- |
|            |      | 5240 | 3.88 | 4.90 | 79.18 | 0.257732 | --- | --- |
|            |      | 5260 | 3.88 | 4.91 | 79.02 | 0.257732 | --- | --- |
|            |      | 5280 | 3.88 | 4.90 | 79.18 | 0.257732 | --- | --- |
|            |      | 5320 | 3.88 | 4.91 | 79.02 | 0.257732 | --- | --- |
|            |      | 5500 | 3.88 | 4.90 | 79.18 | 0.257732 | --- | --- |
|            |      | 5580 | 3.88 | 4.90 | 79.18 | 0.257732 | --- | --- |
|            |      | 5700 | 3.88 | 4.90 | 79.18 | 0.257732 | --- | --- |
|            |      | 5745 | 3.88 | 4.90 | 79.18 | 0.257732 | --- | --- |
|            |      | 5785 | 3.88 | 4.90 | 79.18 | 0.257732 | --- | --- |
|            |      | 5825 | 3.88 | 4.90 | 79.18 | 0.257732 | --- | --- |
| 11AX40SISO | Ant1 | 5190 | 3.87 | 4.90 | 78.98 | 0.258398 | --- | --- |
|            |      | 5230 | 3.88 | 4.90 | 79.18 | 0.257732 | --- | --- |
|            |      | 5270 | 3.87 | 4.89 | 79.14 | 0.258398 | --- | --- |
|            |      | 5310 | 3.88 | 4.89 | 79.35 | 0.257732 | --- | --- |
|            |      | 5510 | 3.88 | 4.90 | 79.18 | 0.257732 | --- | --- |
|            |      | 5550 | 3.87 | 4.90 | 78.98 | 0.258398 | --- | --- |
|            |      | 5670 | 3.86 | 4.89 | 78.94 | 0.259067 | --- | --- |
|            |      | 5755 | 3.87 | 4.88 | 79.30 | 0.258398 | --- | --- |
|            |      | 5795 | 3.87 | 4.89 | 79.14 | 0.258398 | --- | --- |

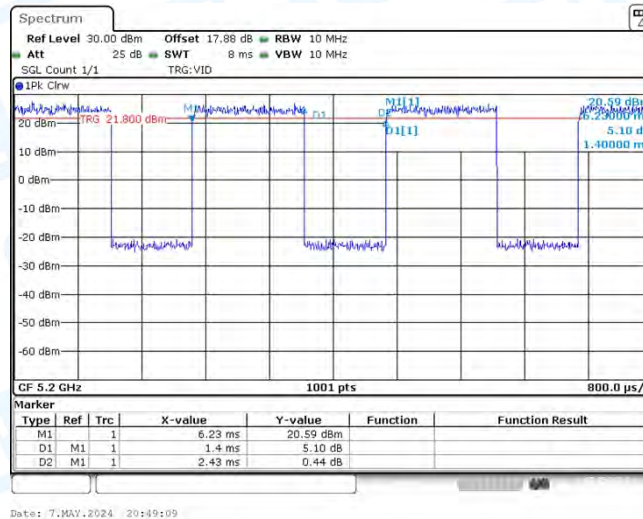


## 10.2. Test Graphs

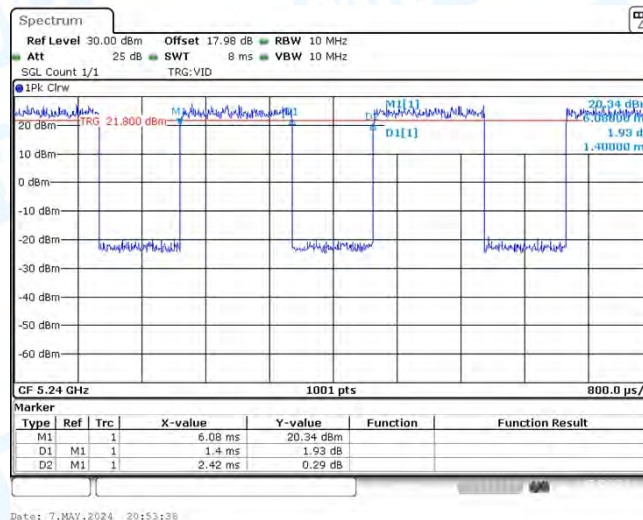
11A\_Ant1\_5180



11A\_Ant1\_5200

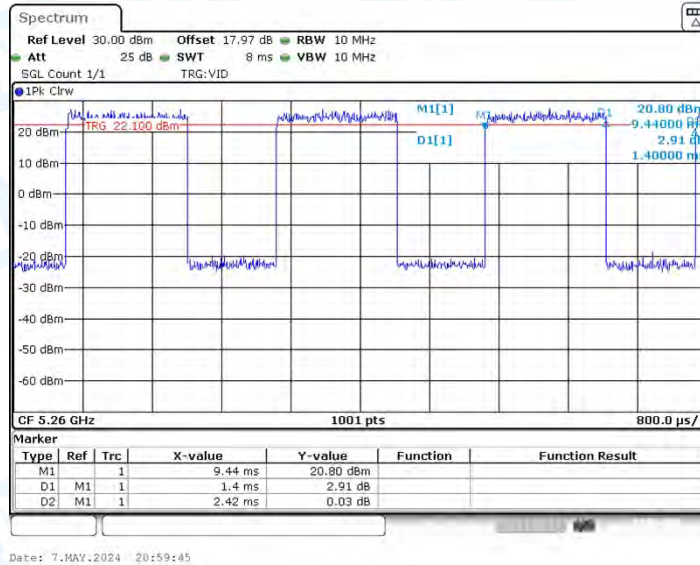


11A\_Ant1\_5240

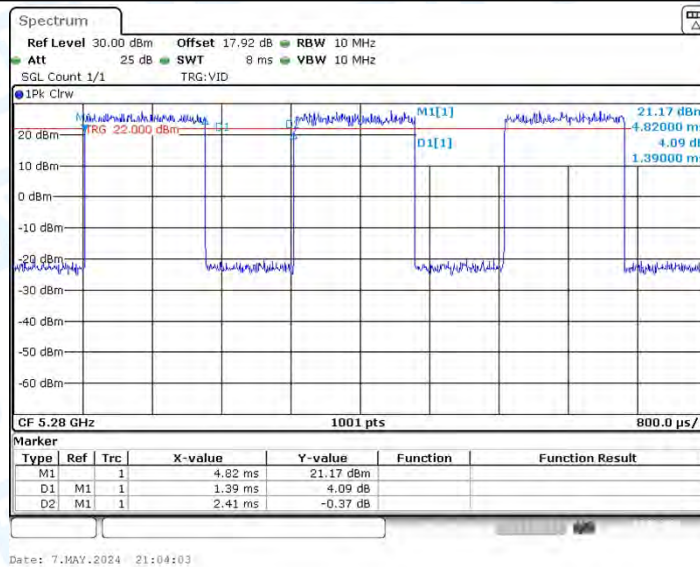


11A\_Ant1\_5260

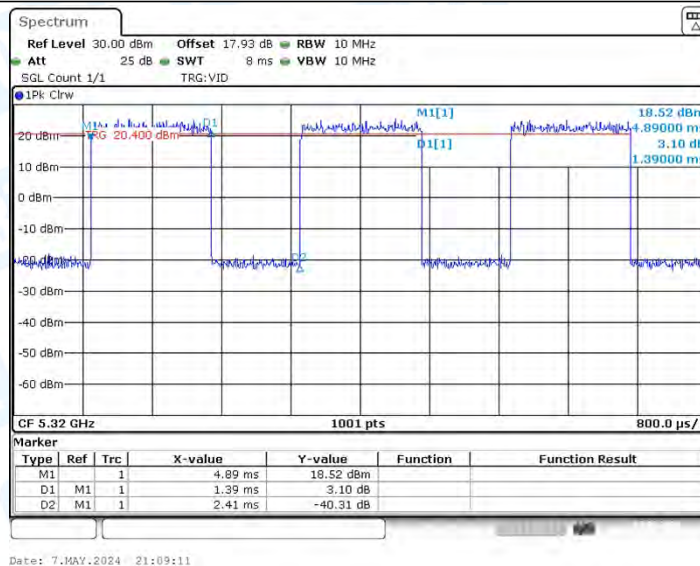




11A\_Ant1\_5280

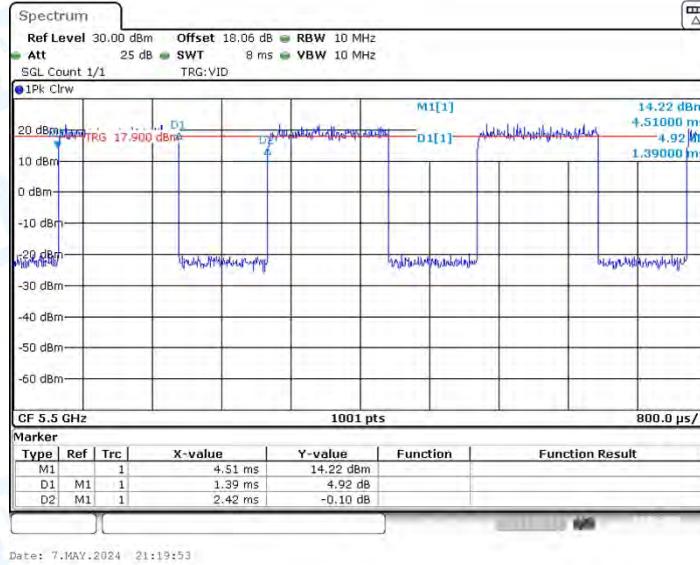


11A\_Ant1\_5320

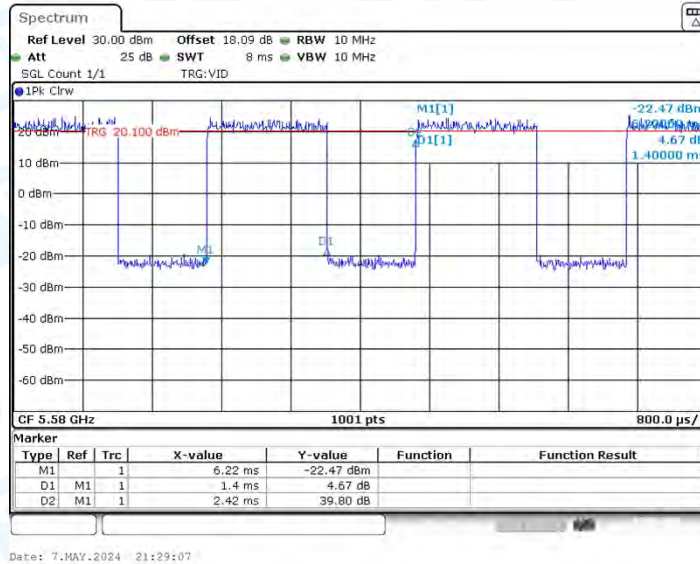


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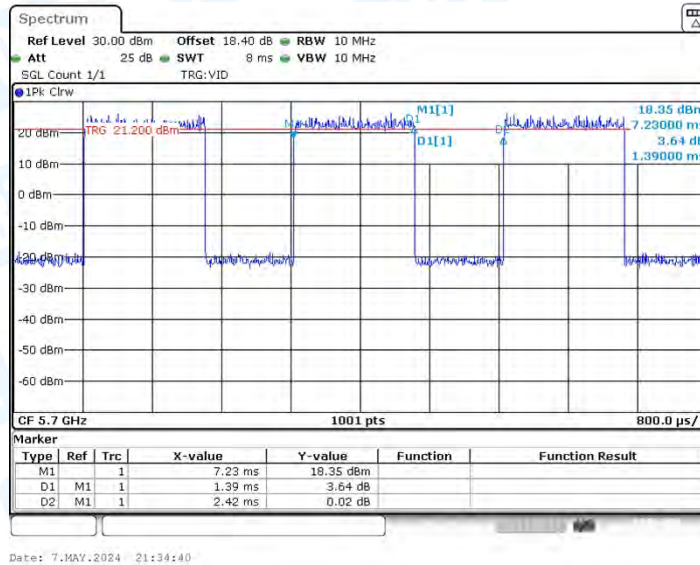




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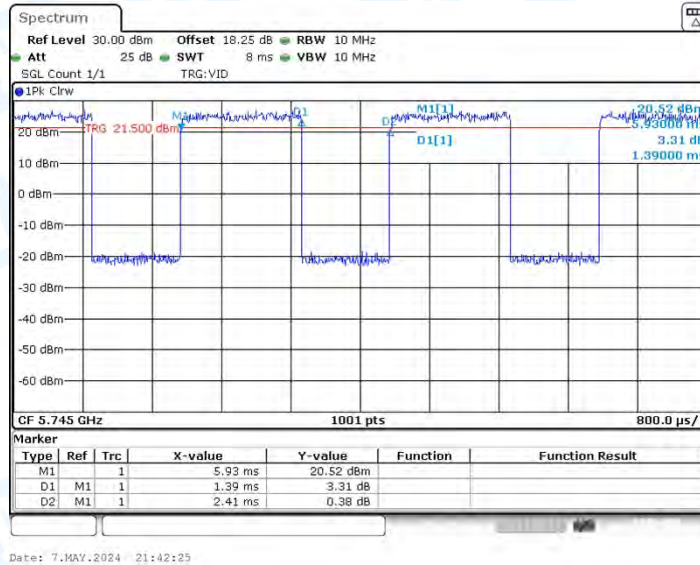


11A\_Ant1\_5700

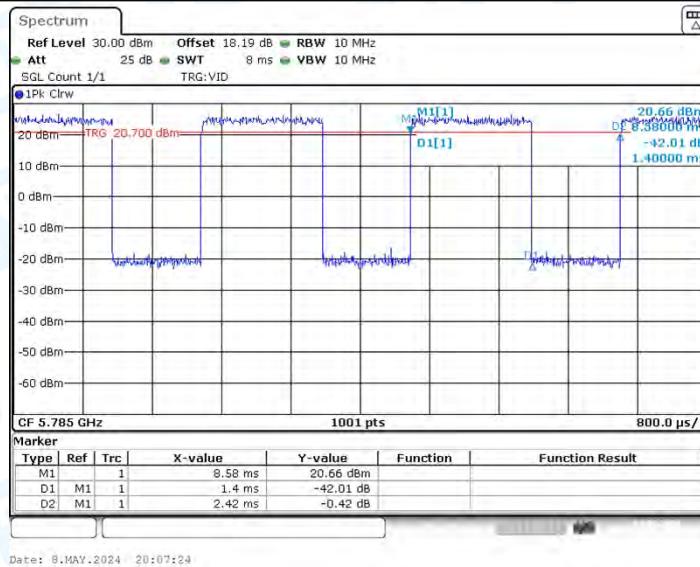


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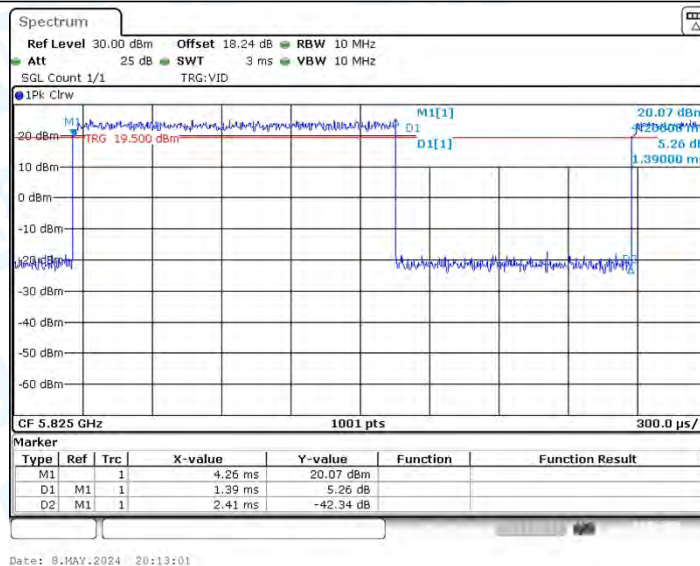




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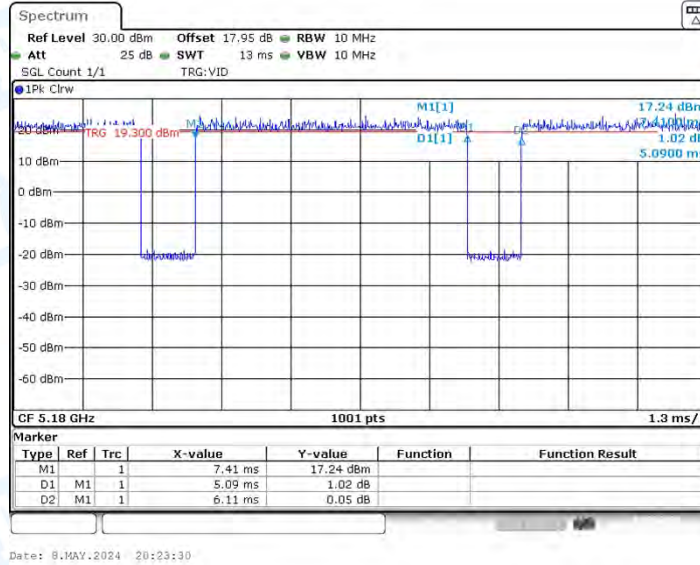


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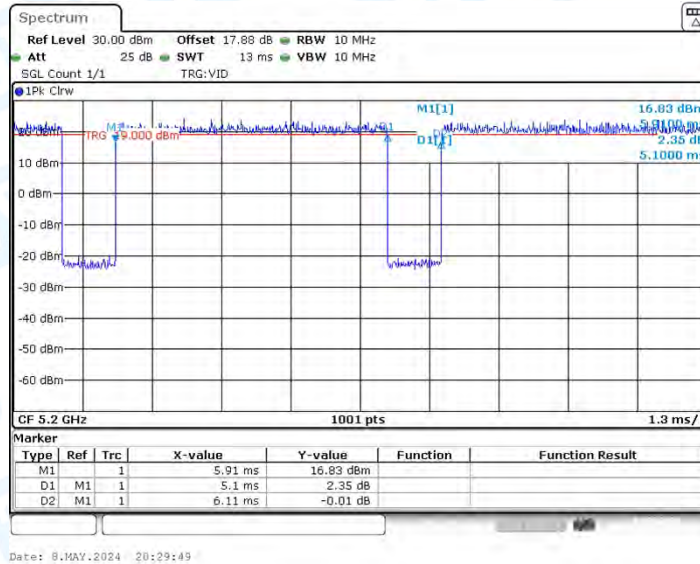


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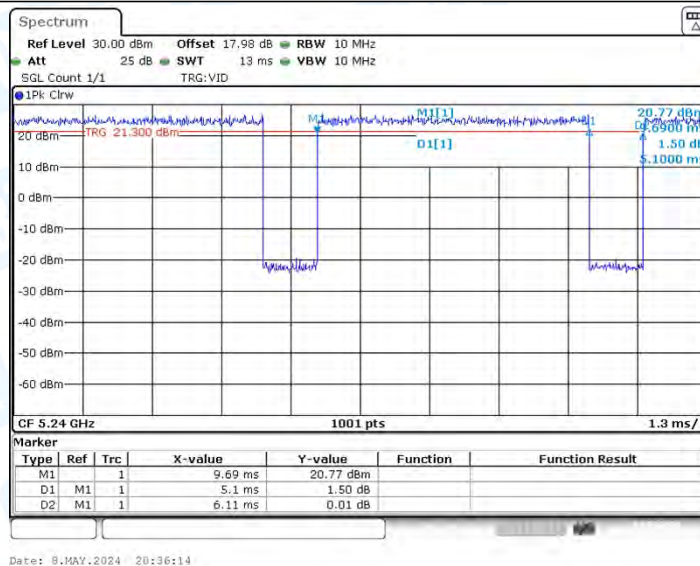




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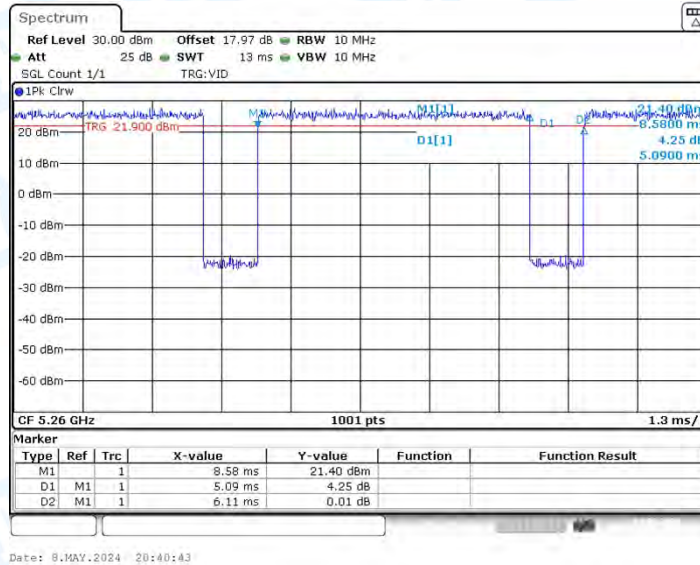


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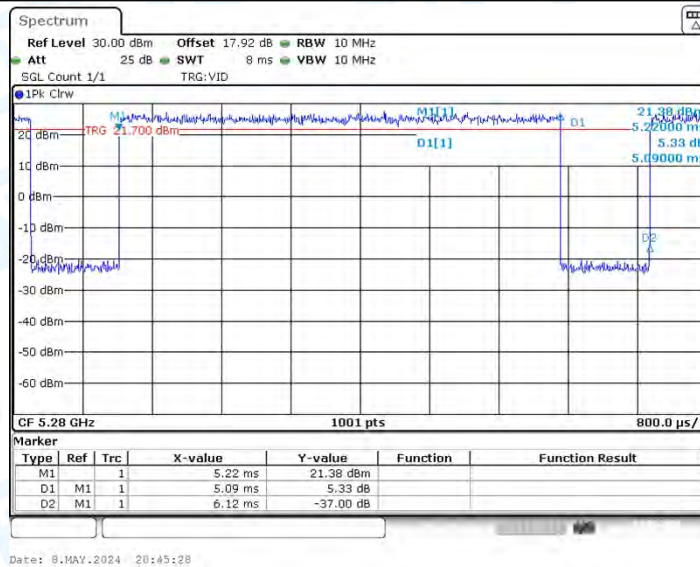


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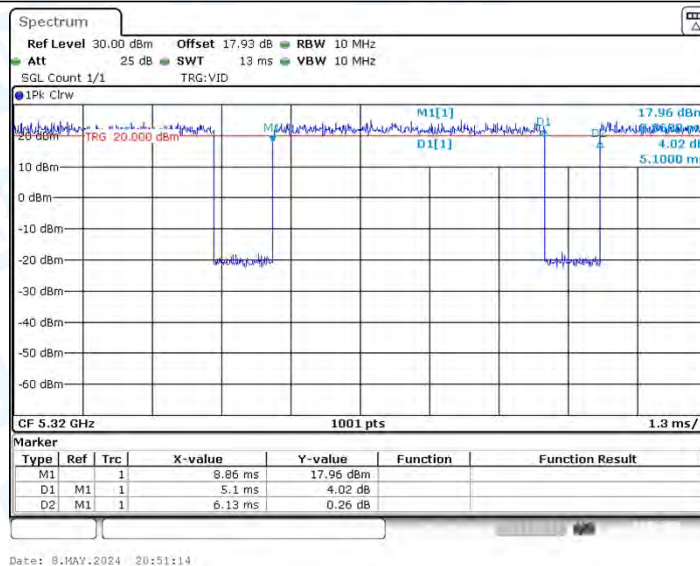




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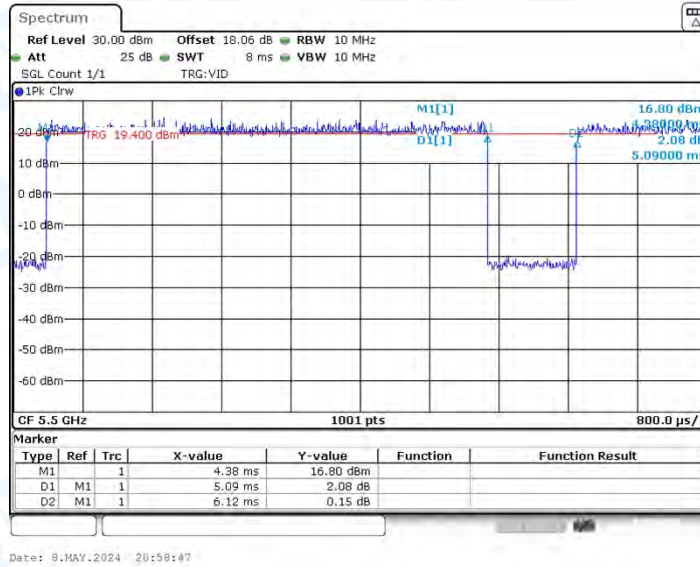


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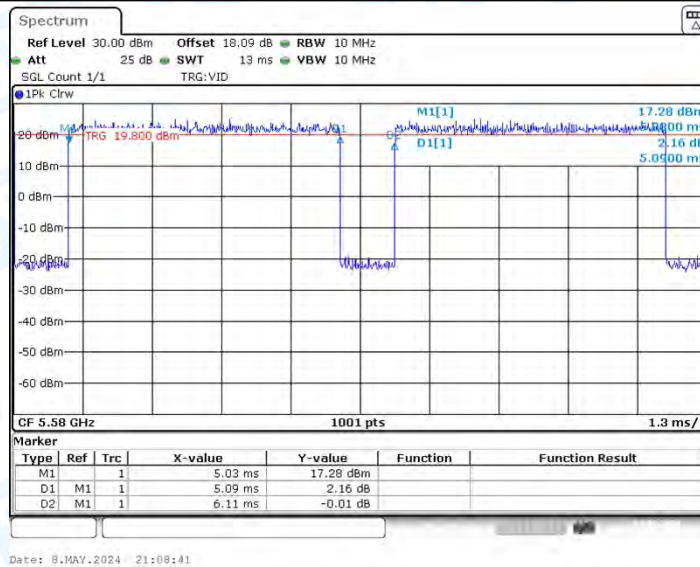


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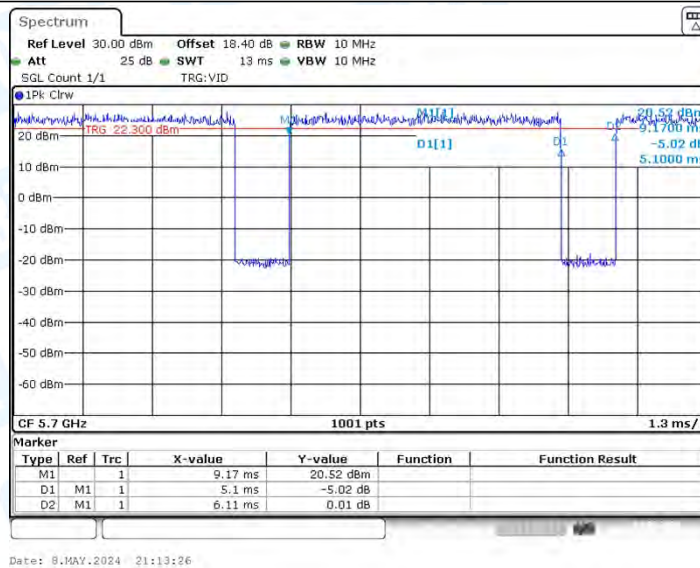




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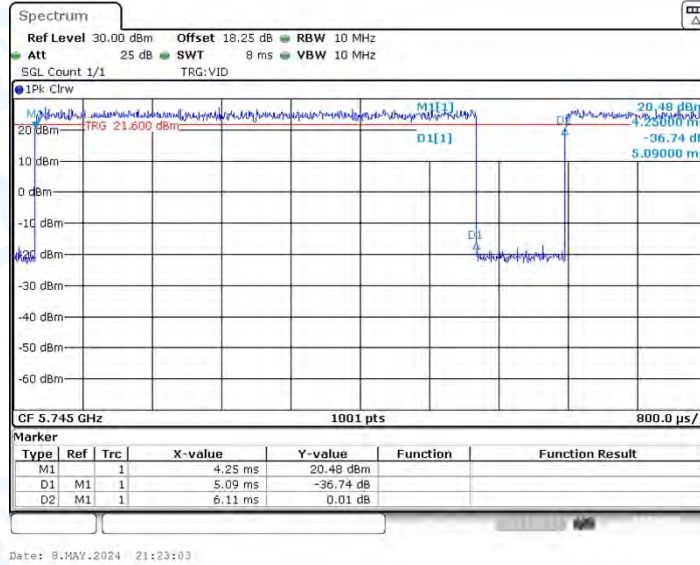


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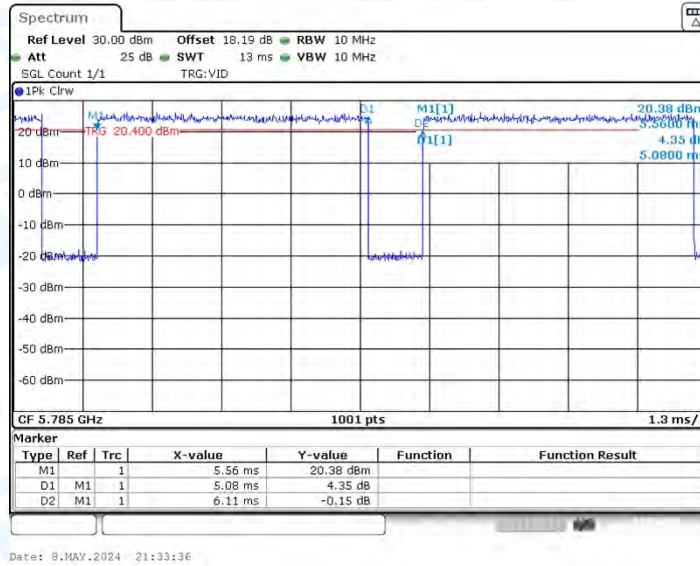


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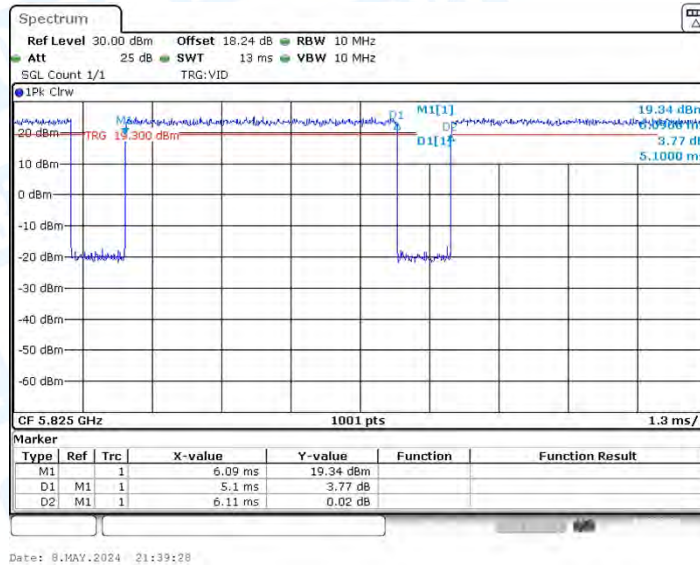




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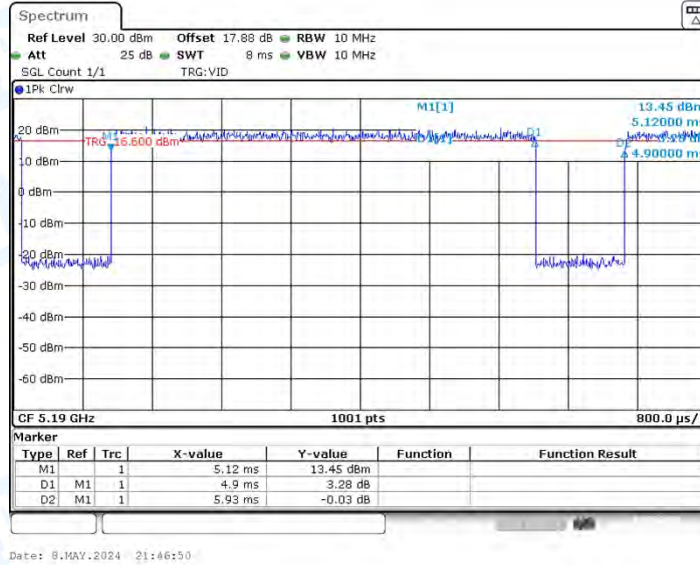


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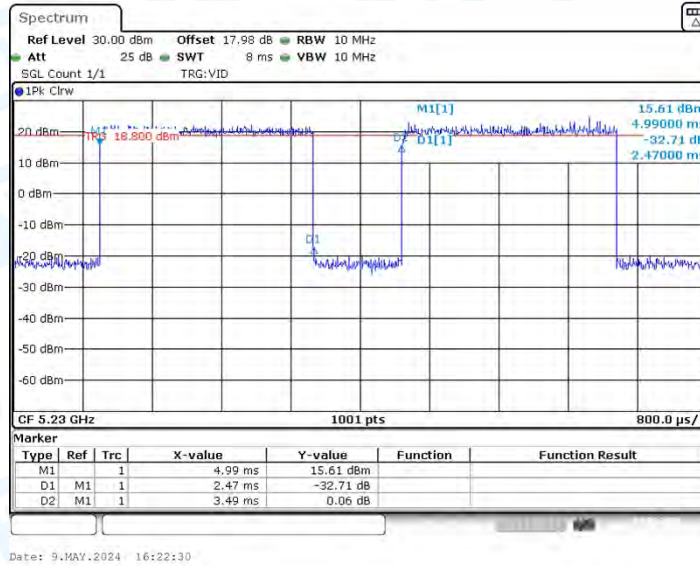


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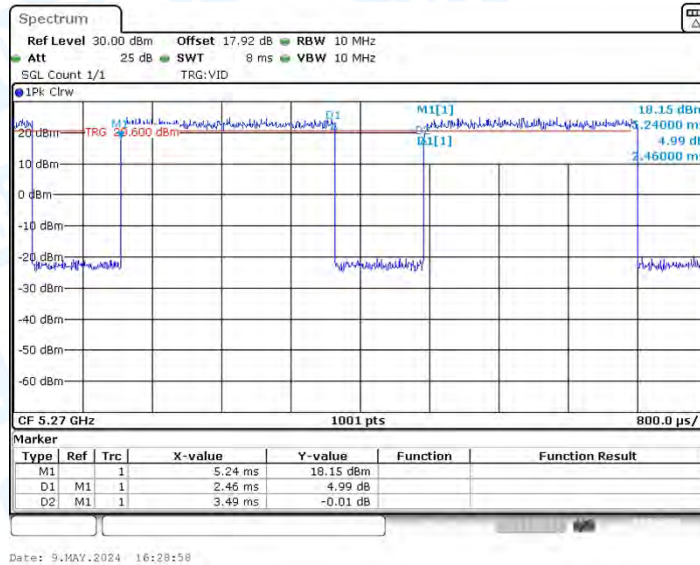




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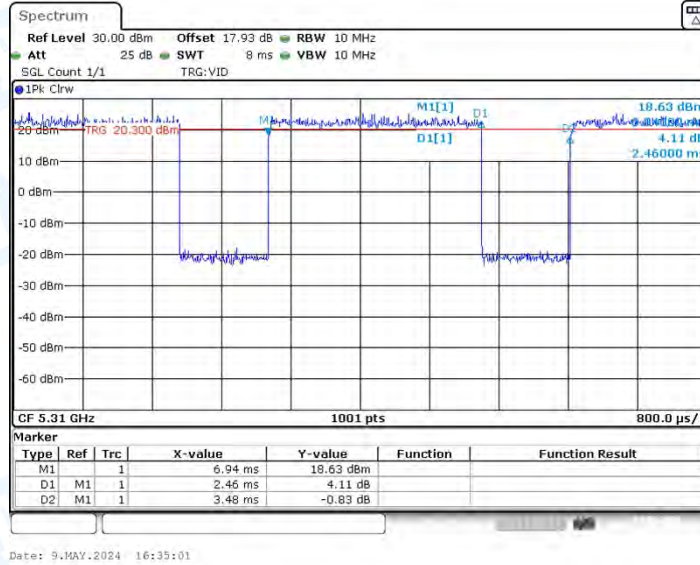


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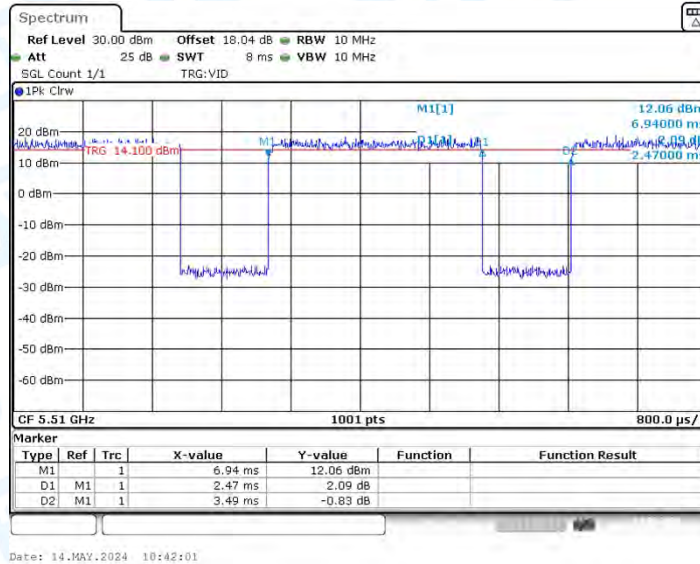


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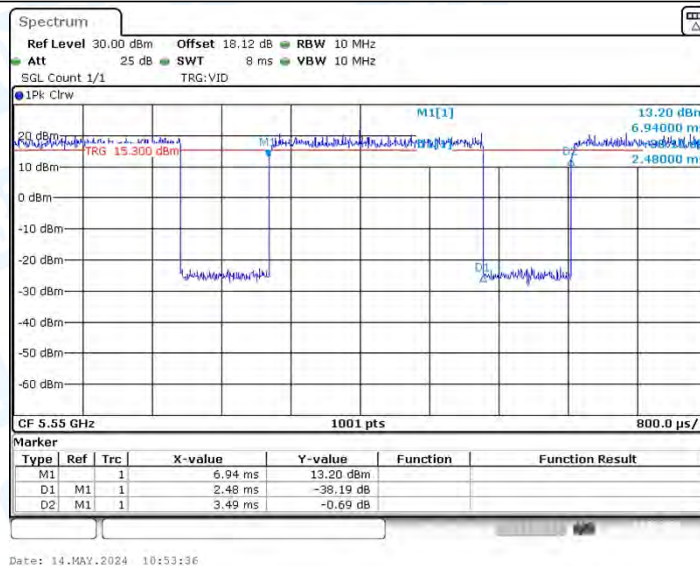




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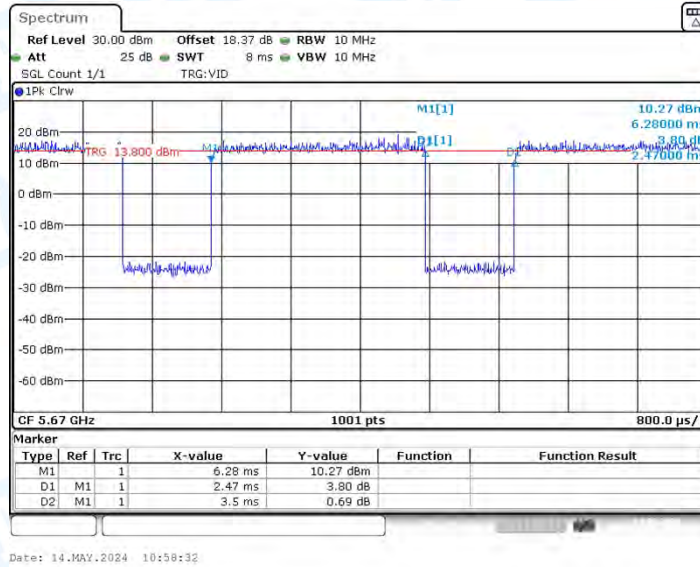


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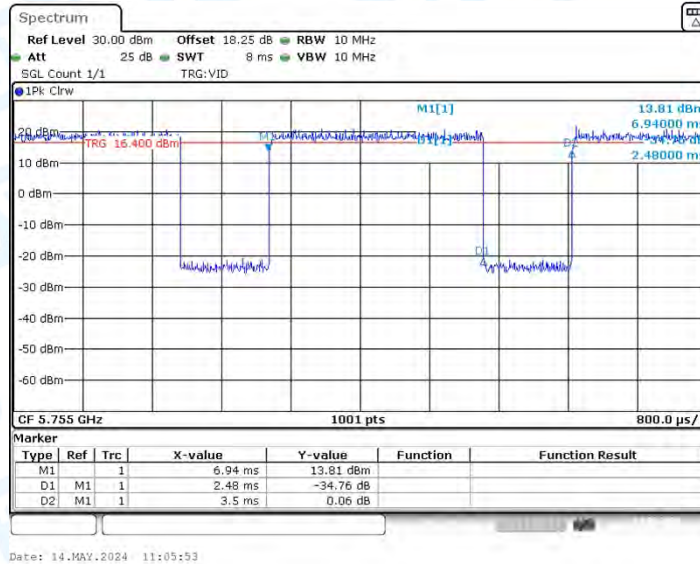


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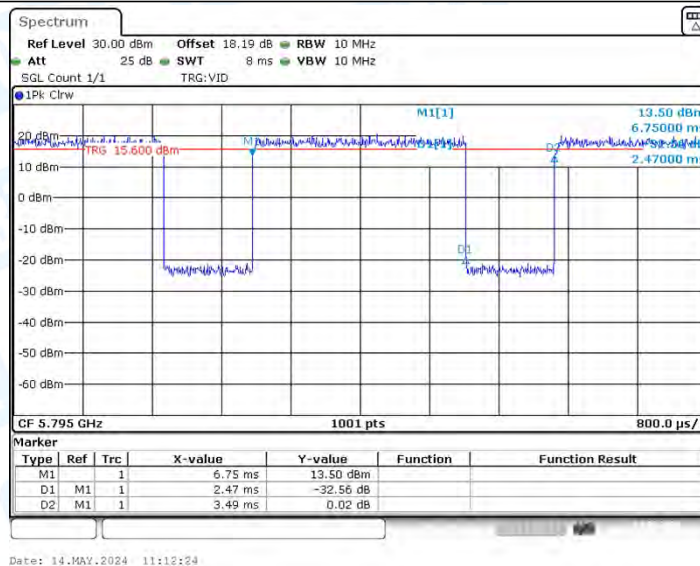




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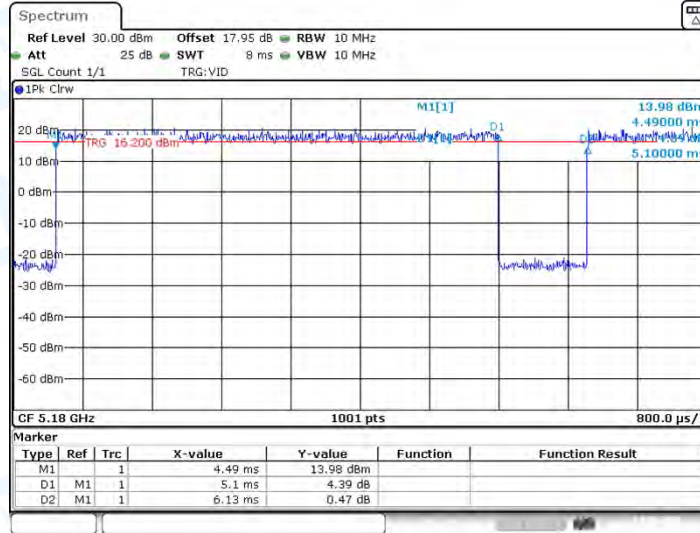


11N40SISO\_Ant1\_5795



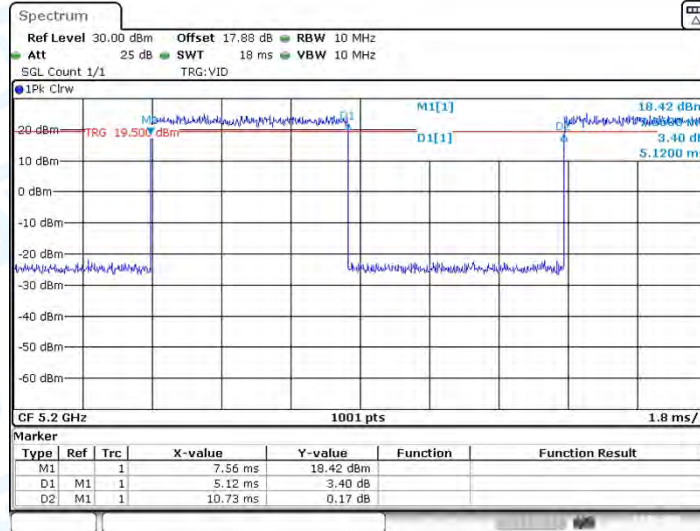
11AC20SISO\_Ant1\_5180





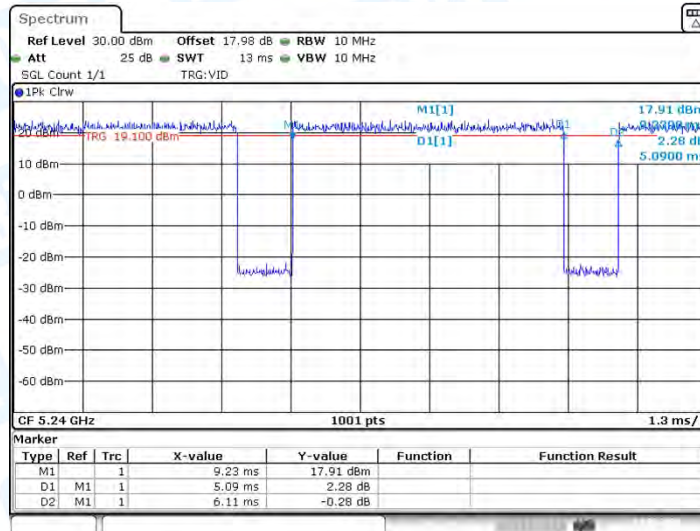
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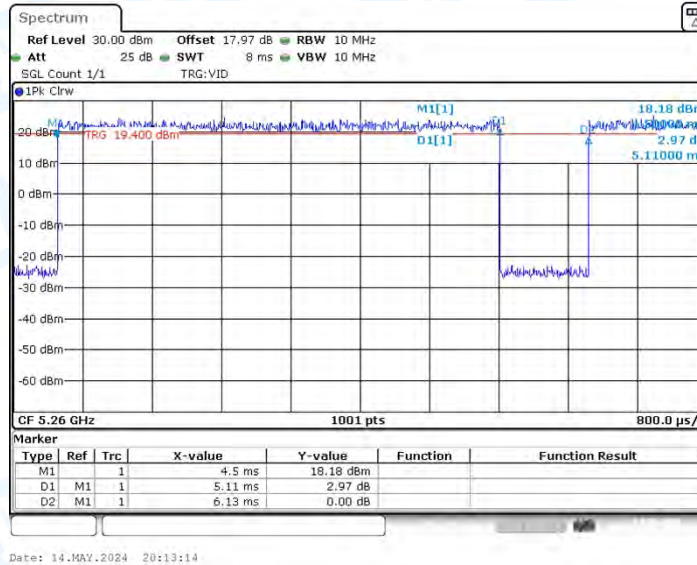
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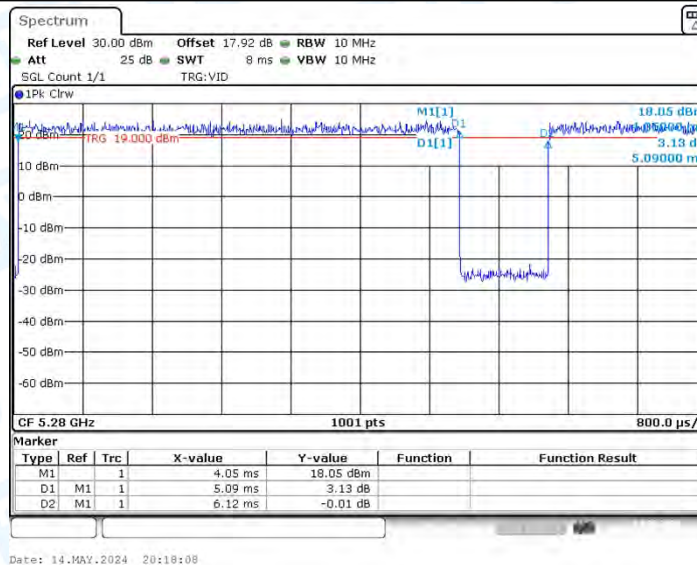
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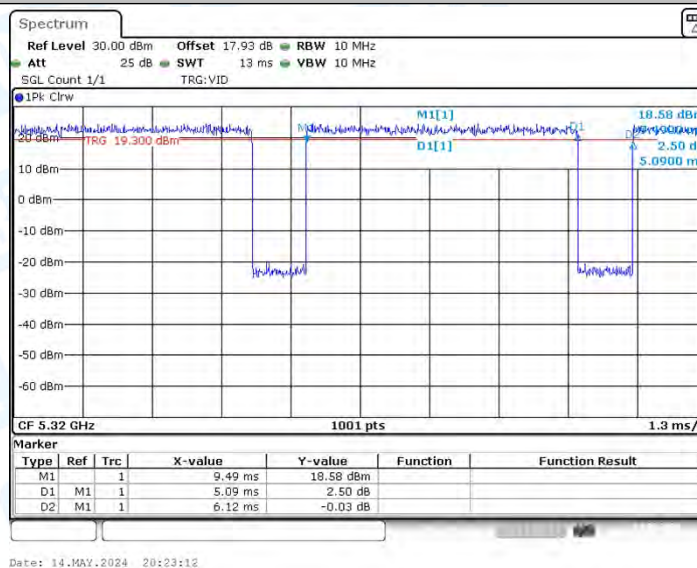




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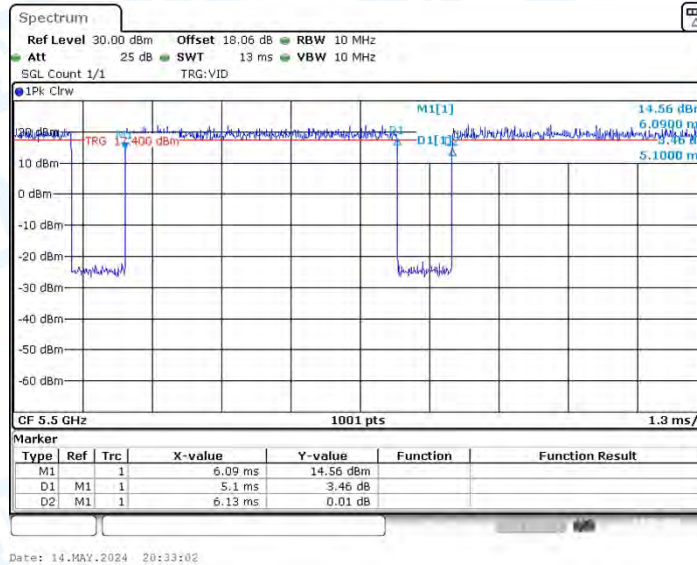


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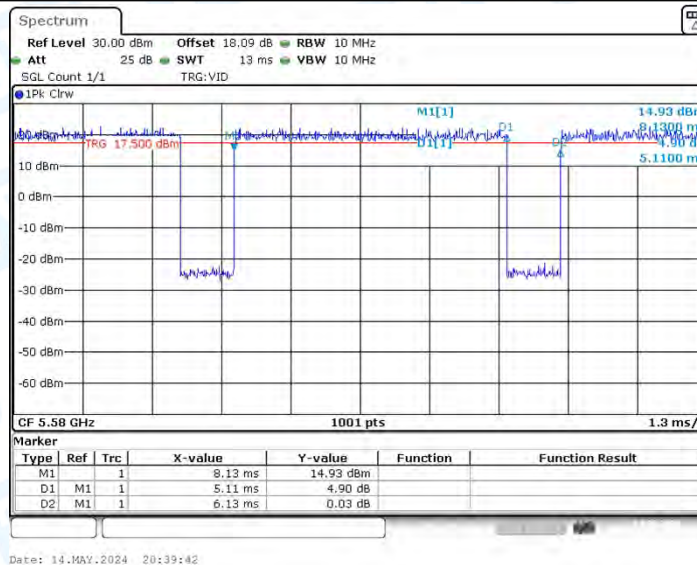


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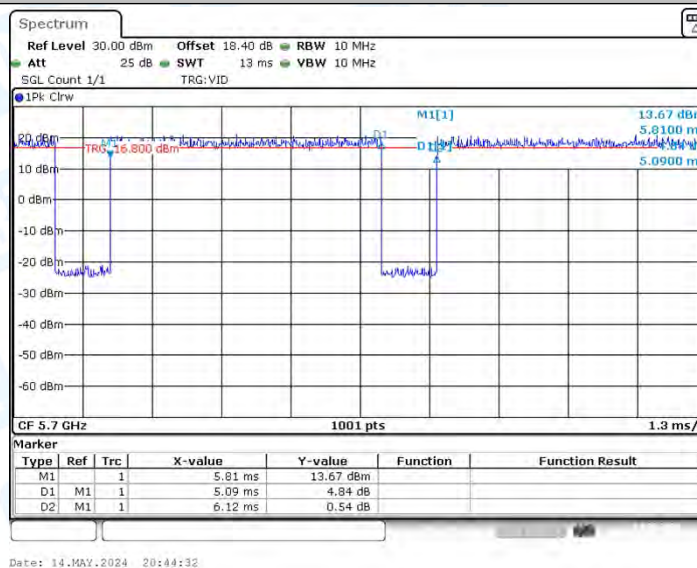




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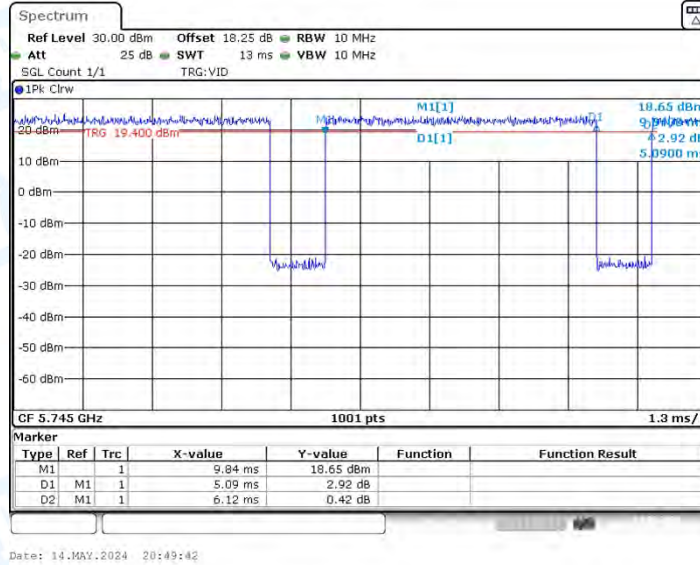


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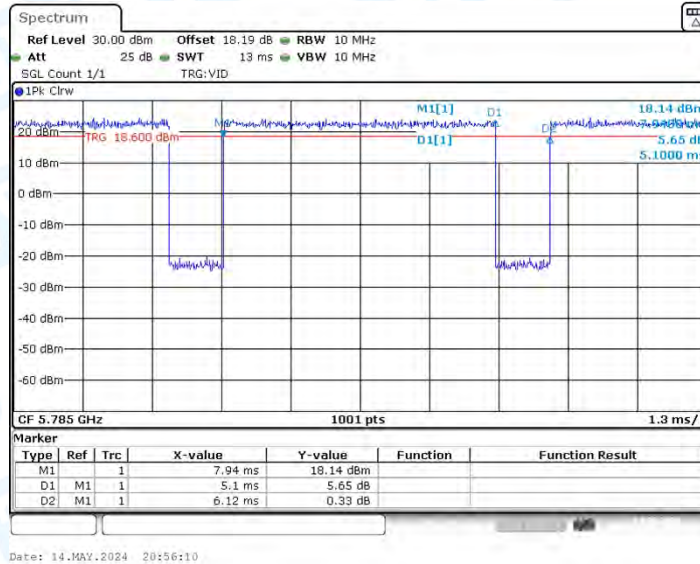


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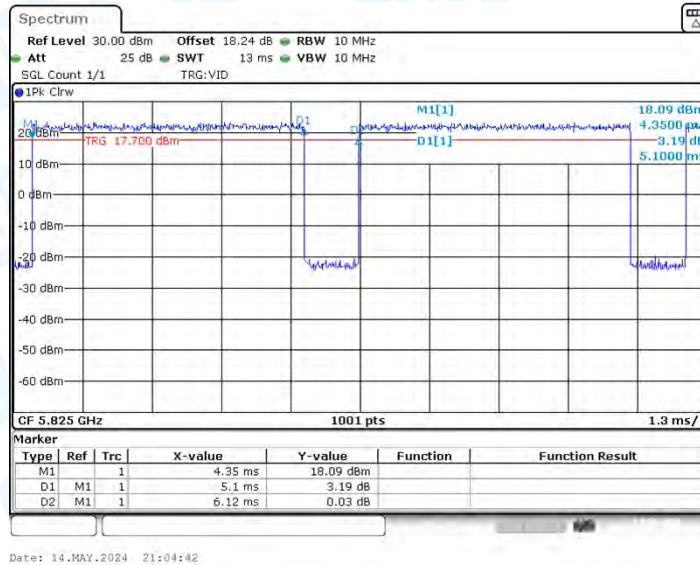




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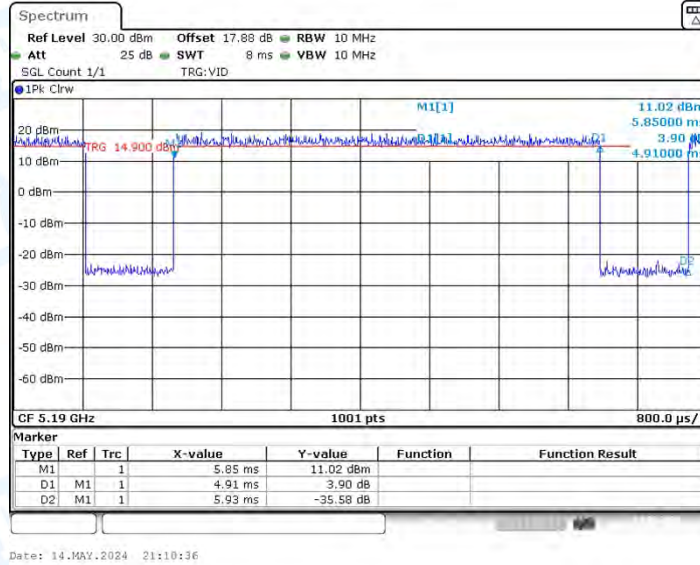


11AC20SISO\_Ant1\_5825

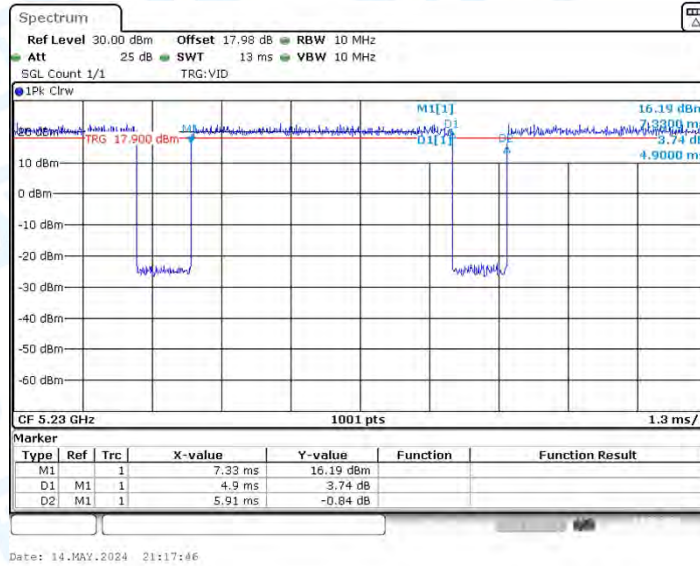


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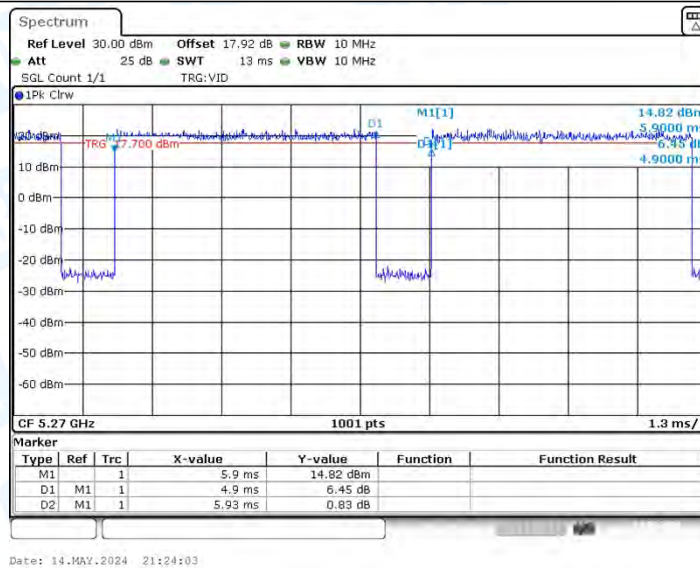




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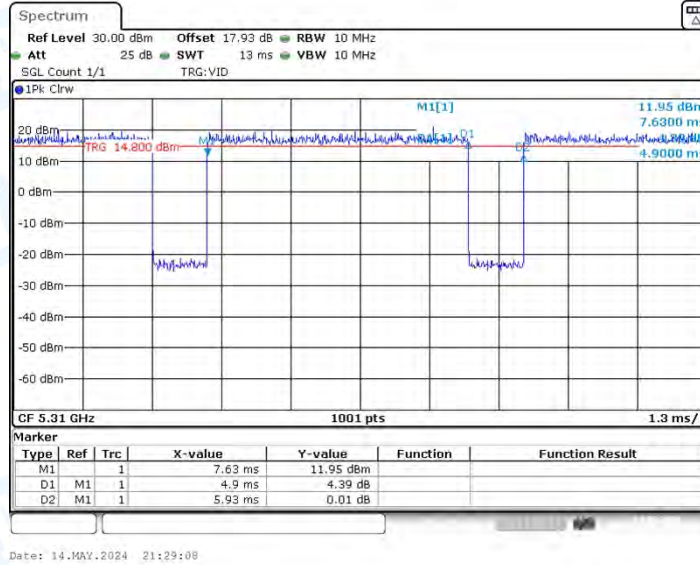


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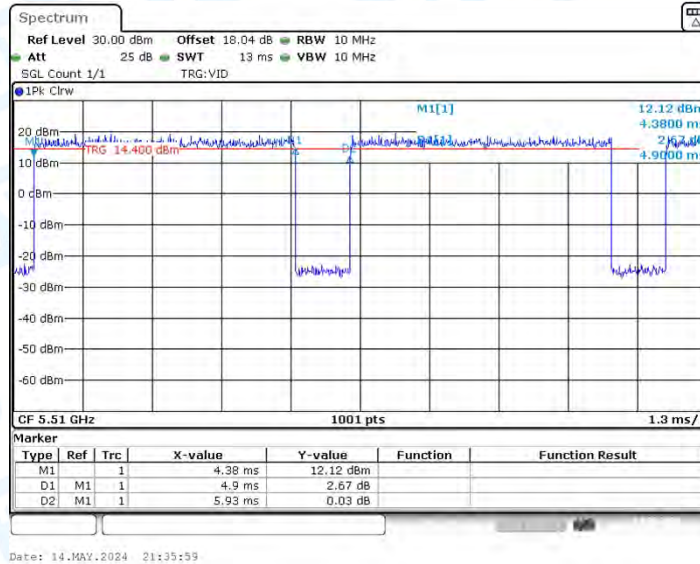


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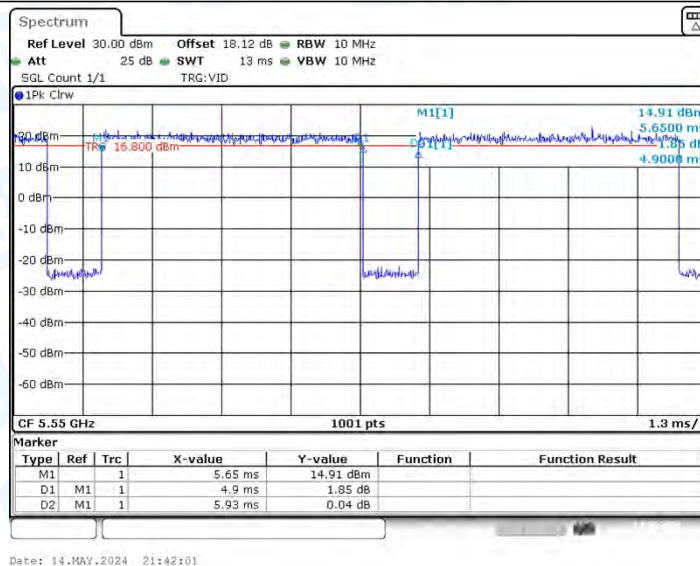




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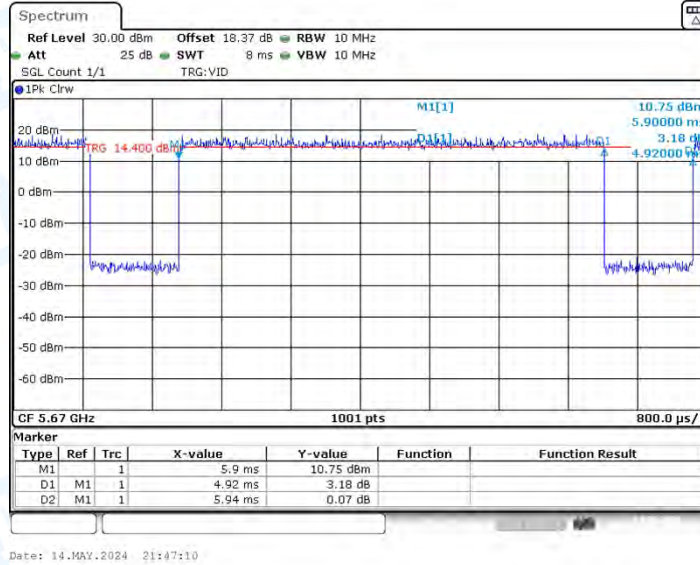


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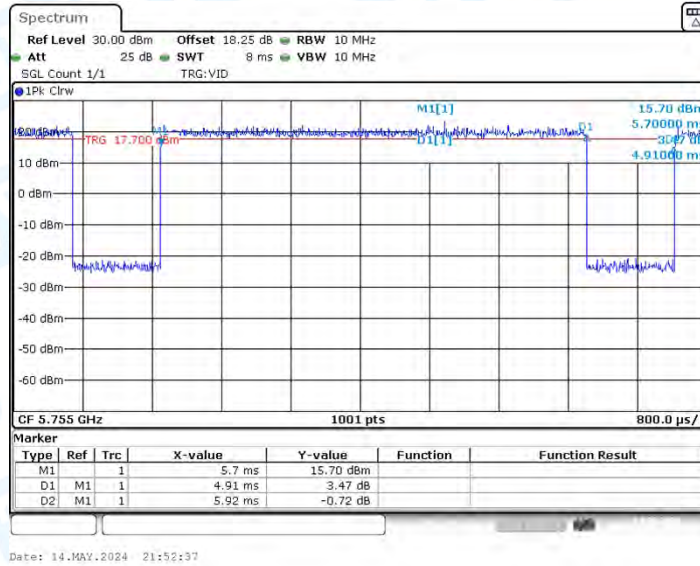


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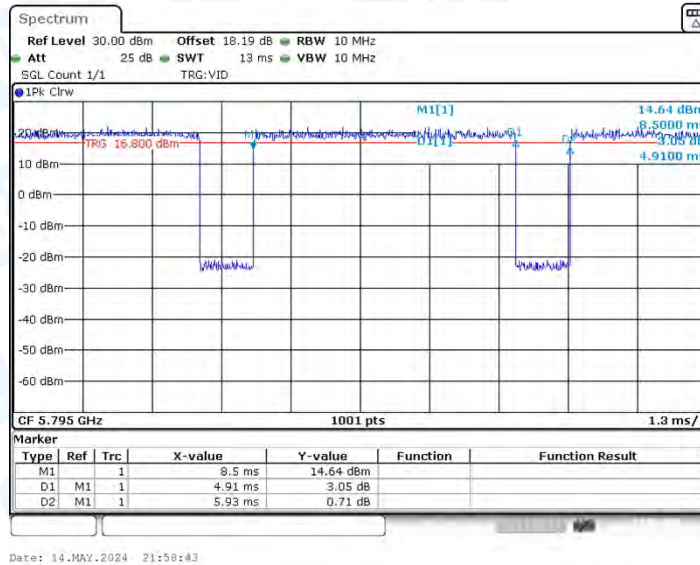




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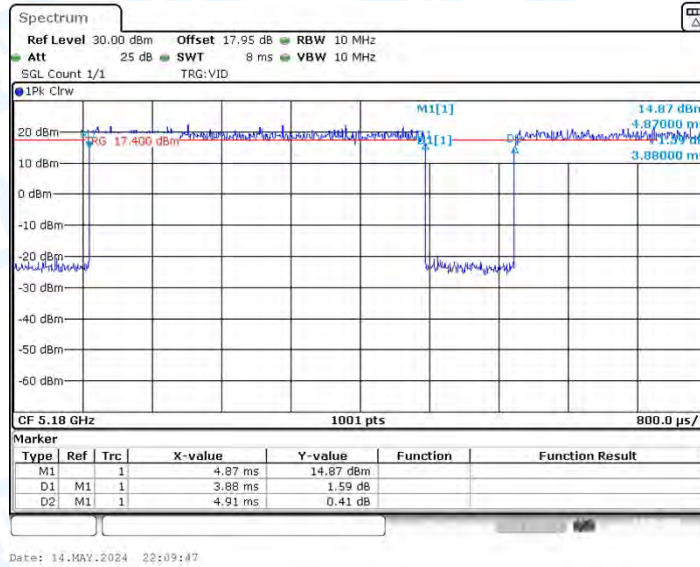


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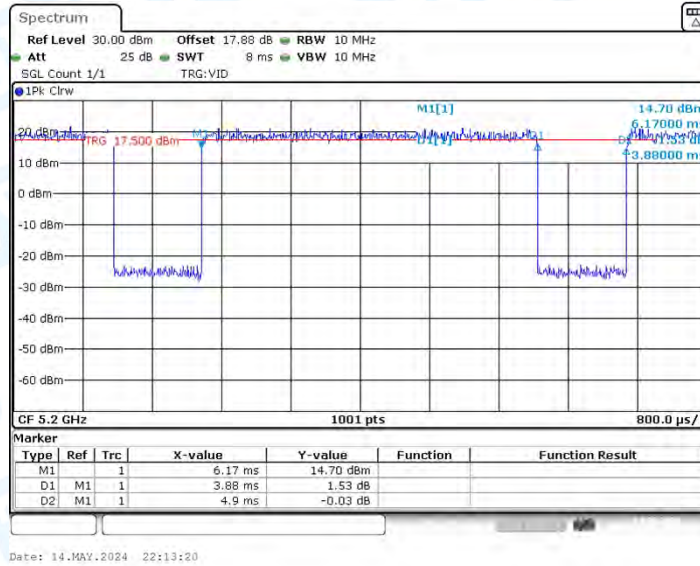


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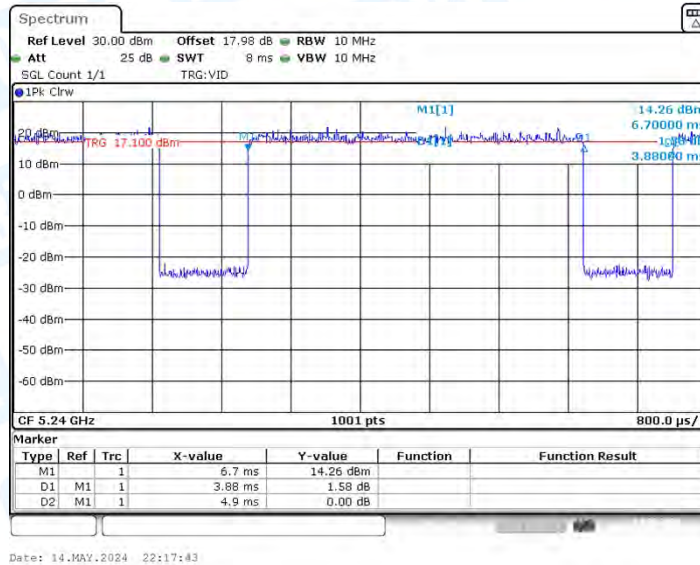




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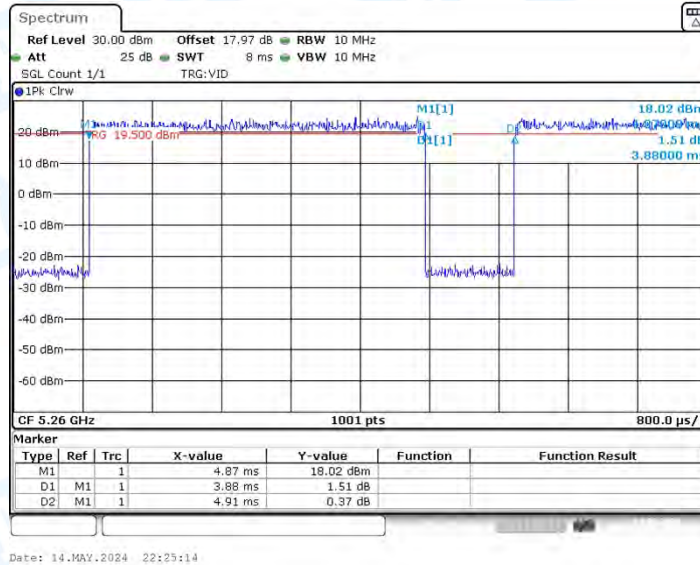


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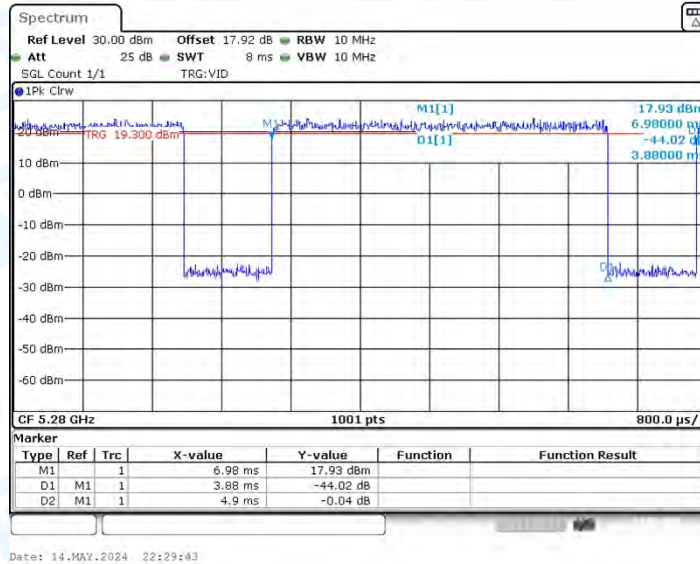


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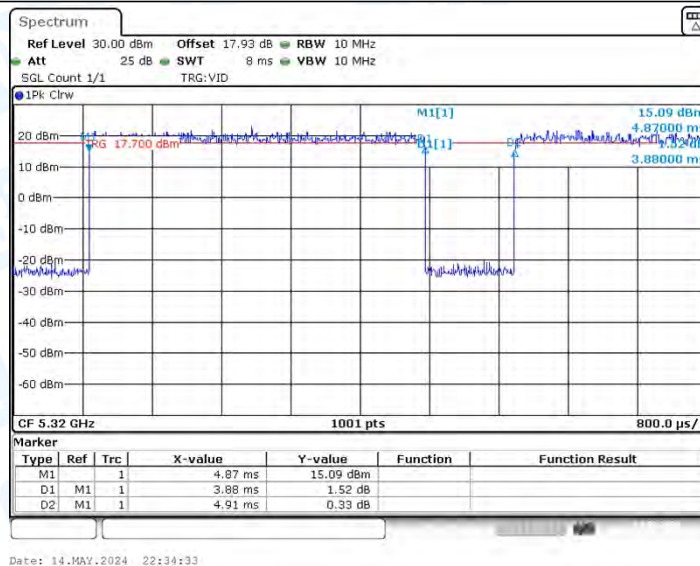




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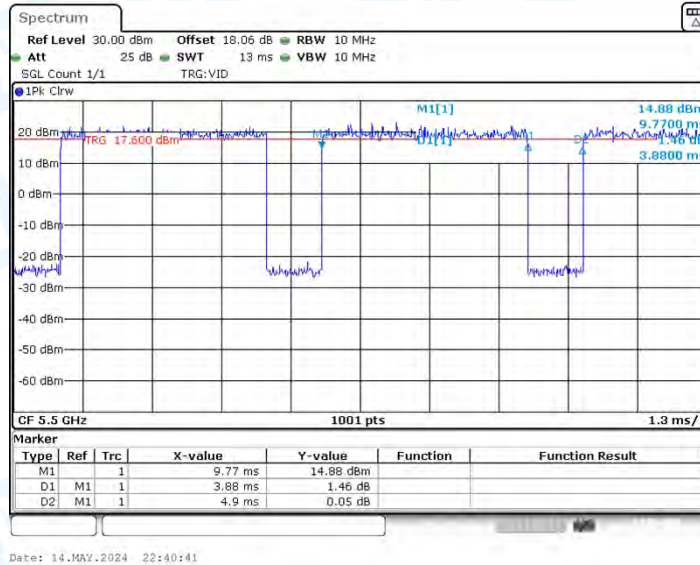


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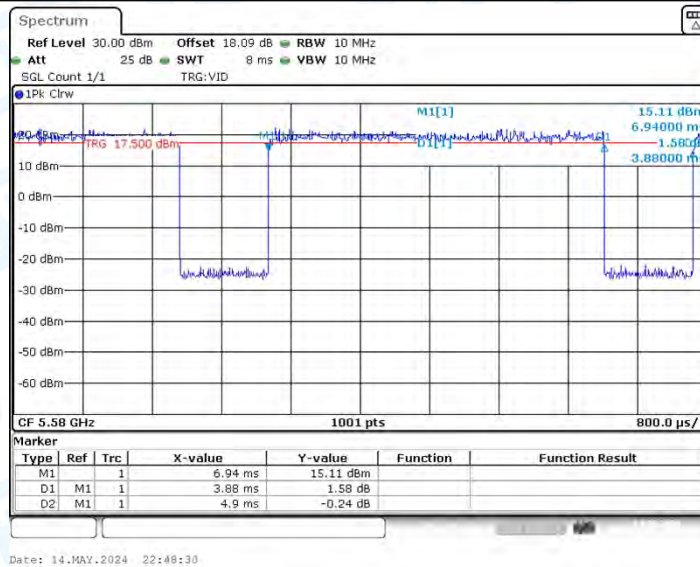


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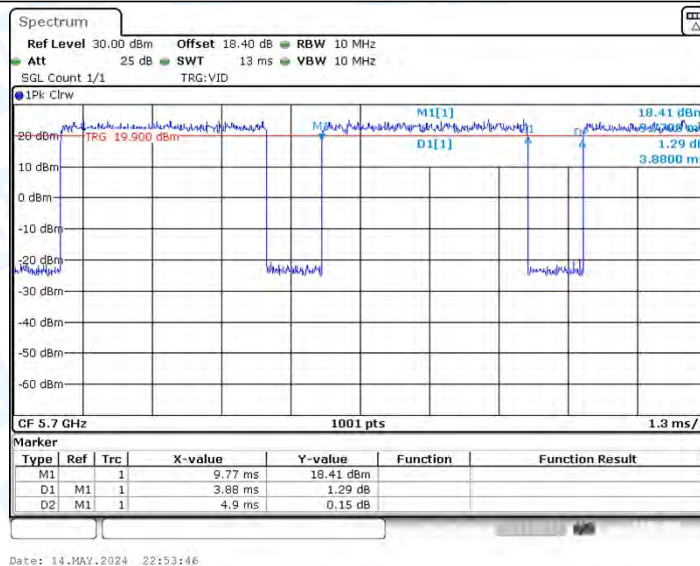




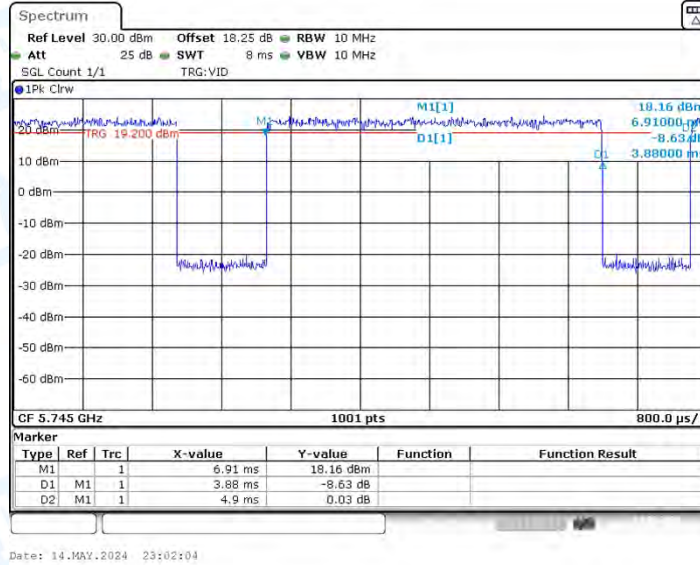
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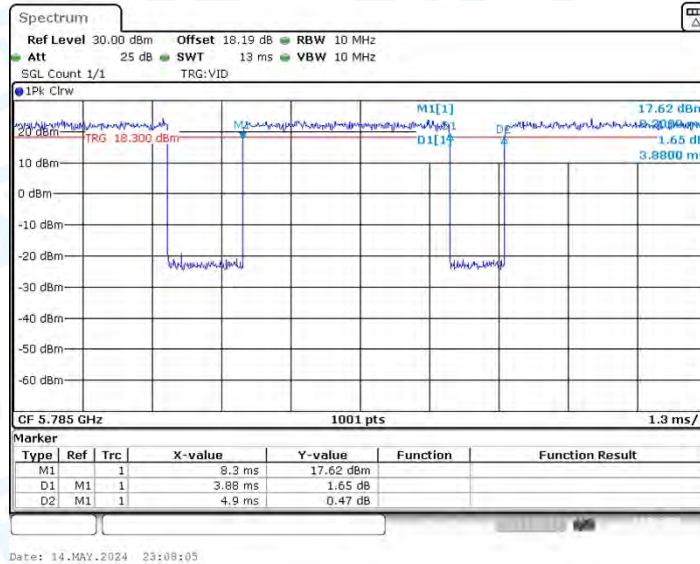
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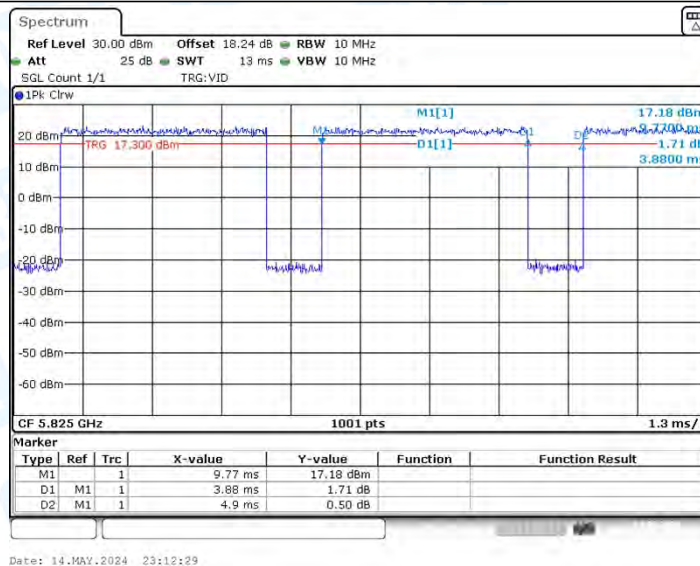
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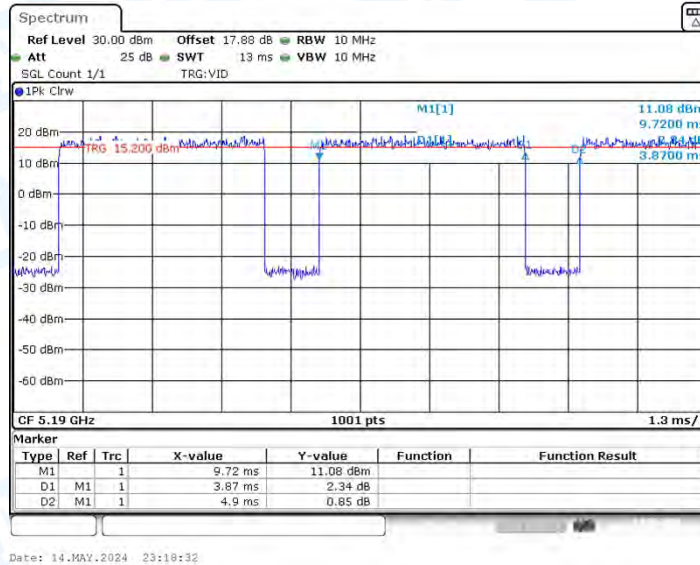


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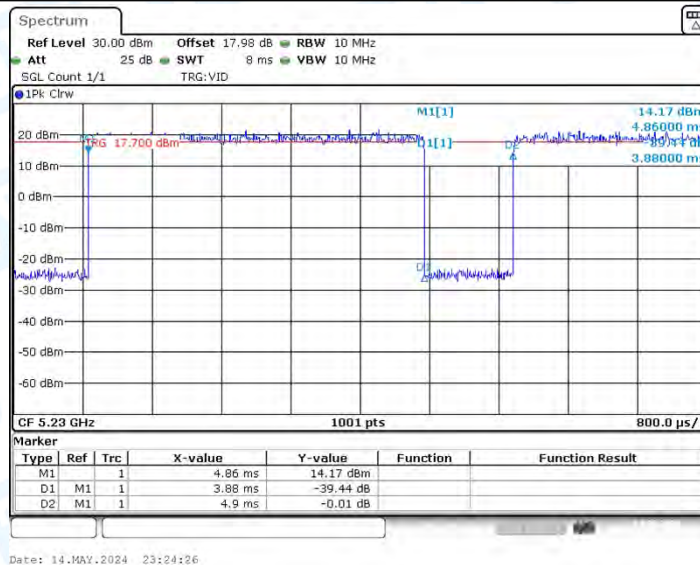


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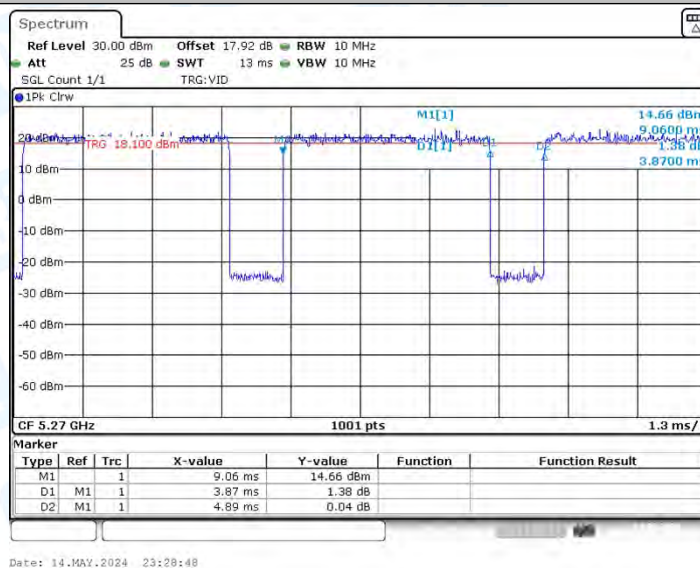




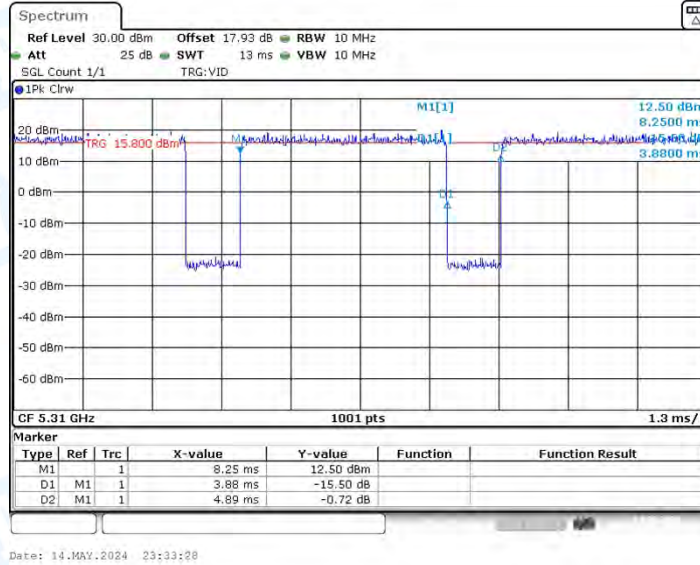
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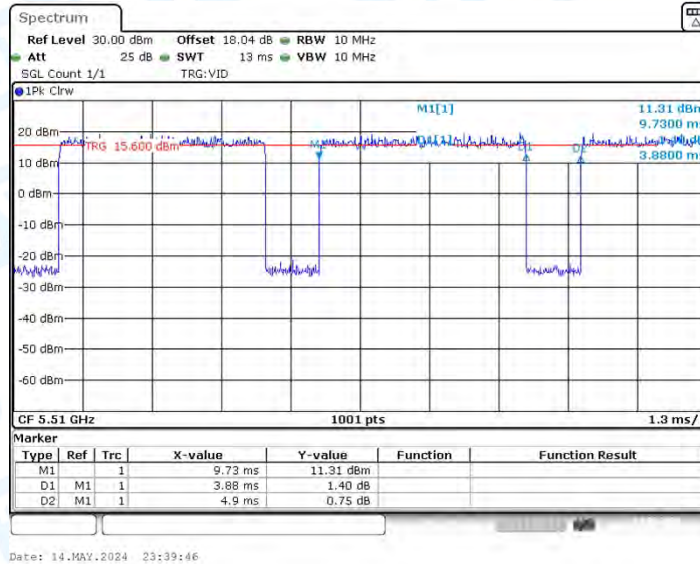
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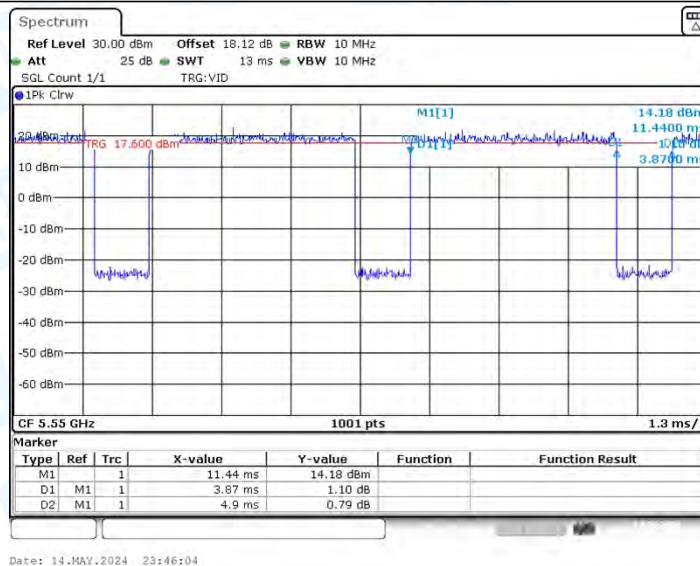
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11AX40SISO\_Ant1\_5510

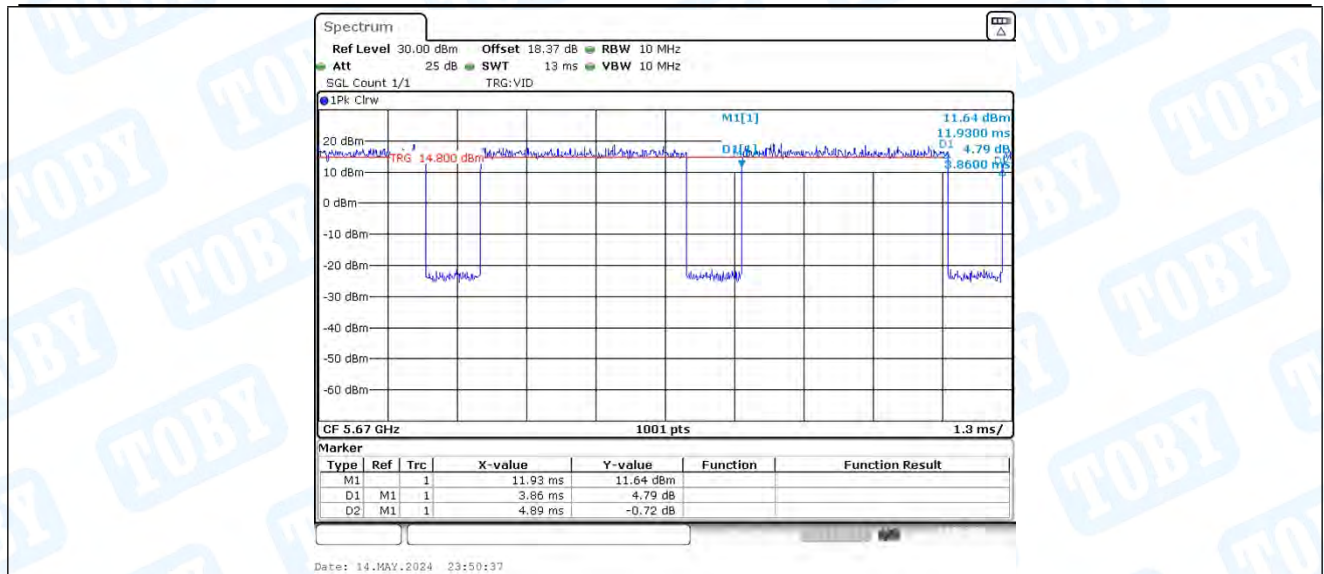


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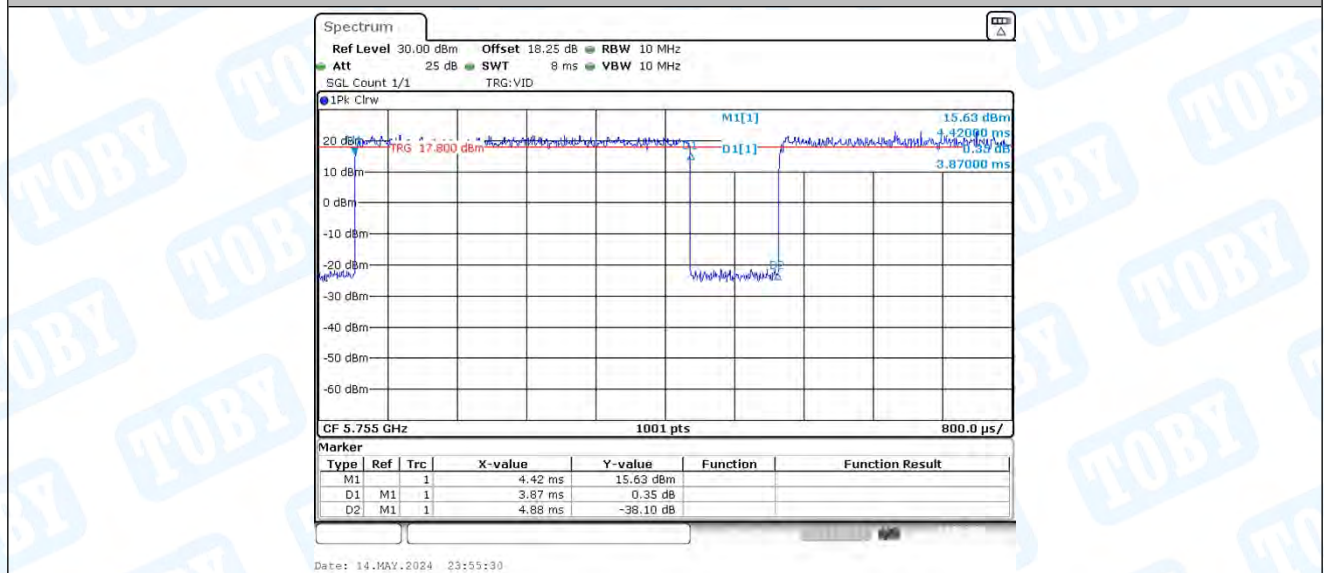


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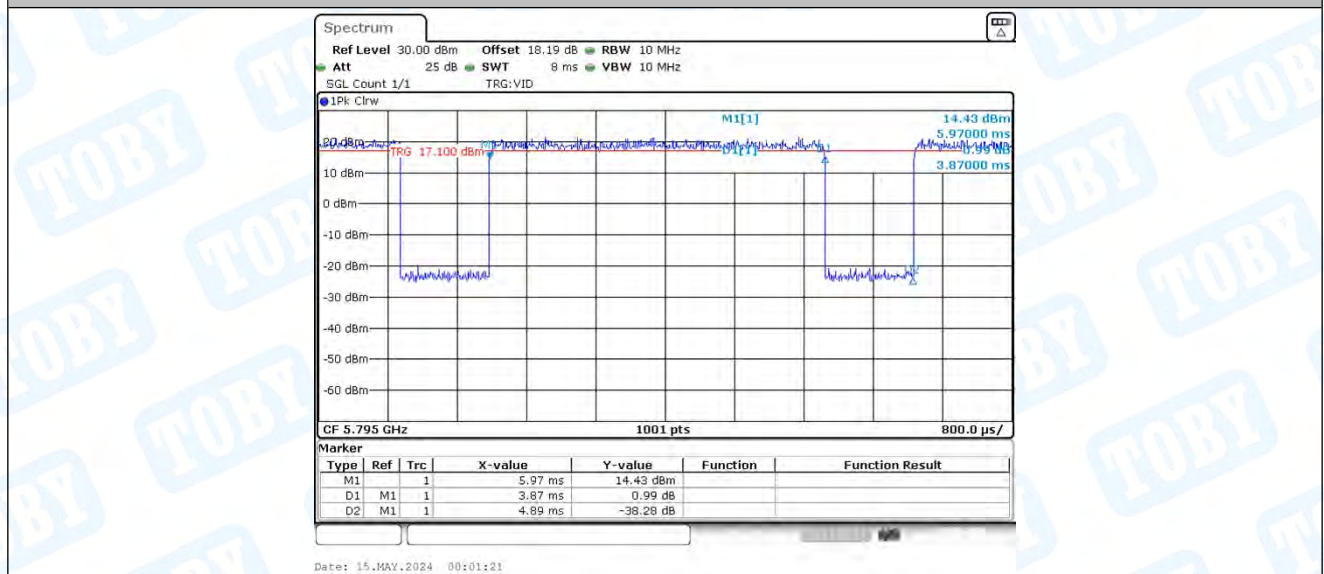




11AX40SISO\_Ant1\_5755



11AX40SISO\_Ant1\_5795



-----End of the report-----