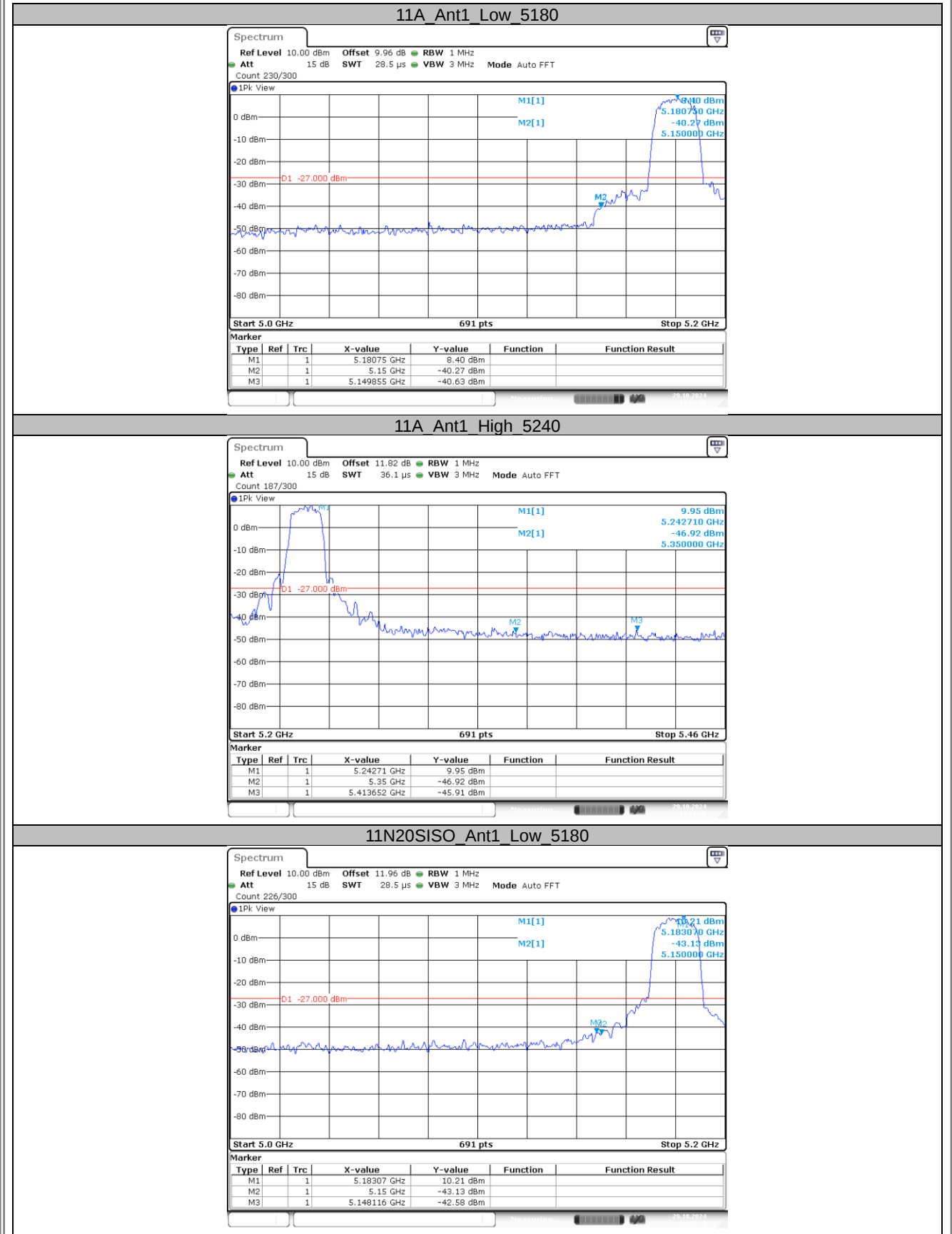
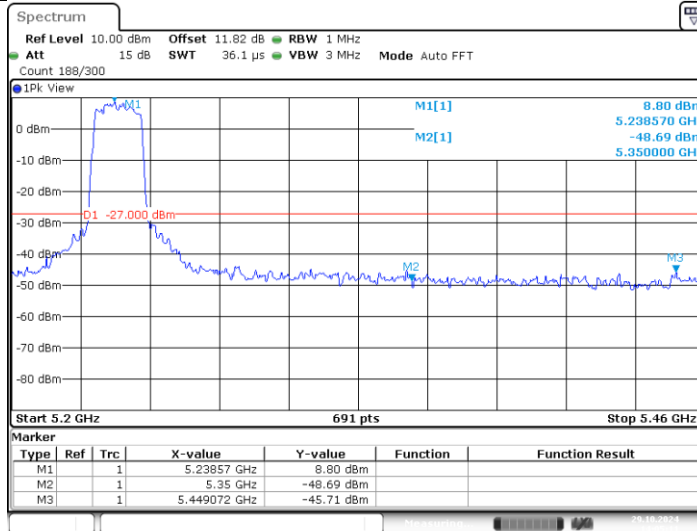


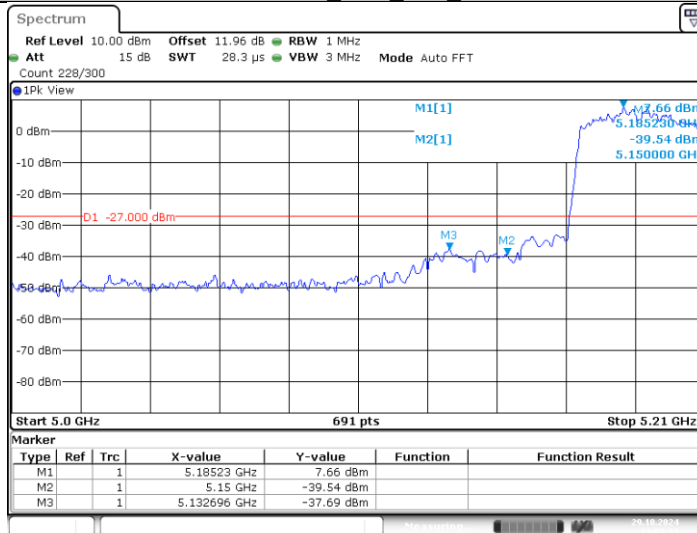
# Test Graphs B1



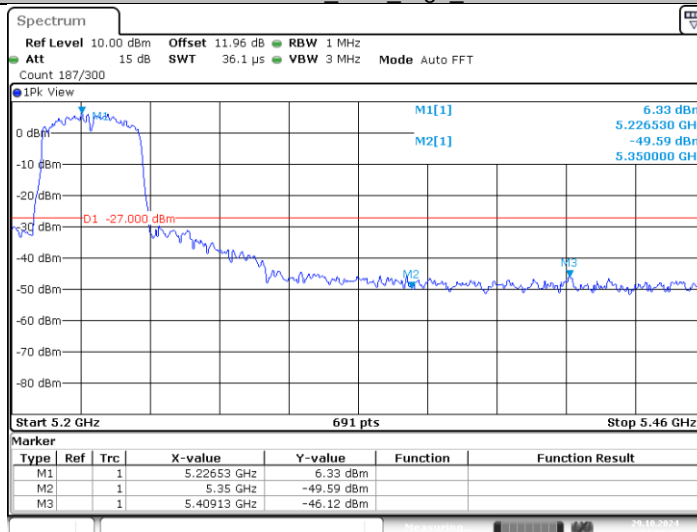
### 11N20SISO\_Ant1\_High\_5240



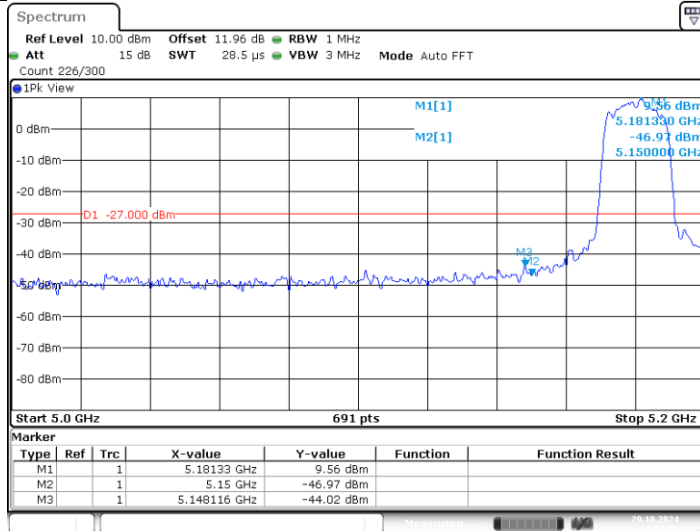
### 11N40SISO\_Ant1\_Low\_5190



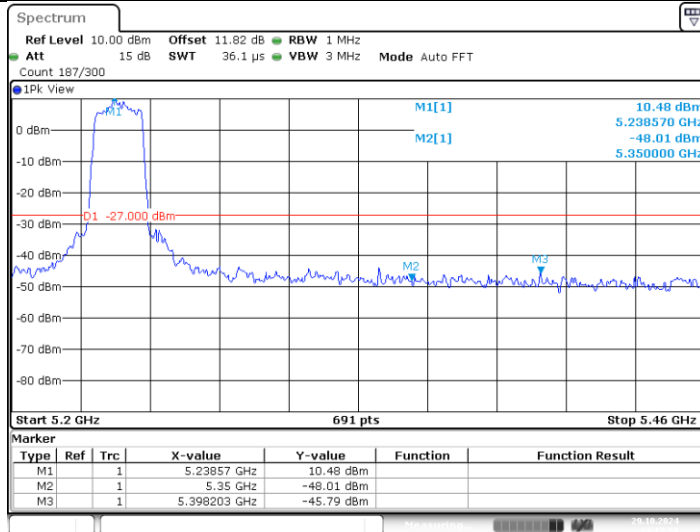
### 11N40SISO\_Ant1\_High\_5230



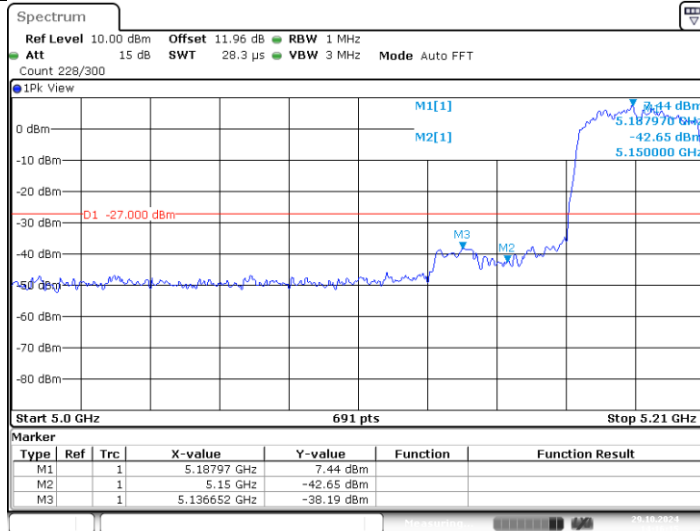
## 11AC20SISO\_Ant1\_Low\_5180



## 11AC20SISO\_Ant1\_High\_5240



## 11AC40SISO\_Ant1\_Low\_5190



## 11AC40SISO\_Ant1\_High\_5230

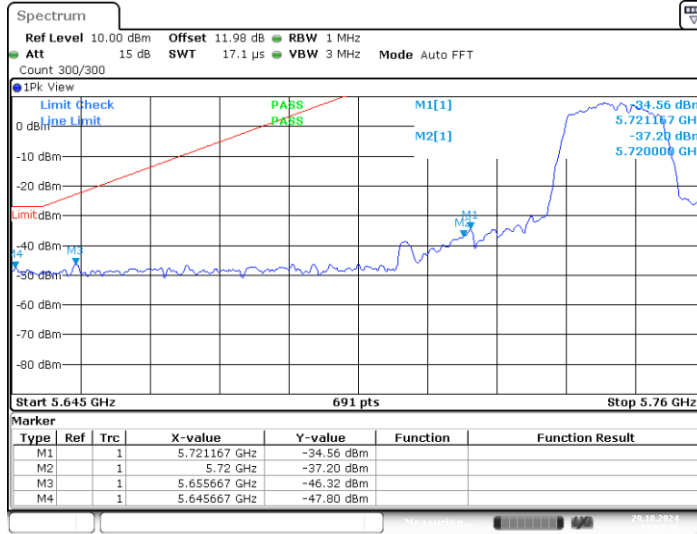


## 11AC80SISO\_Ant1\_High\_5210

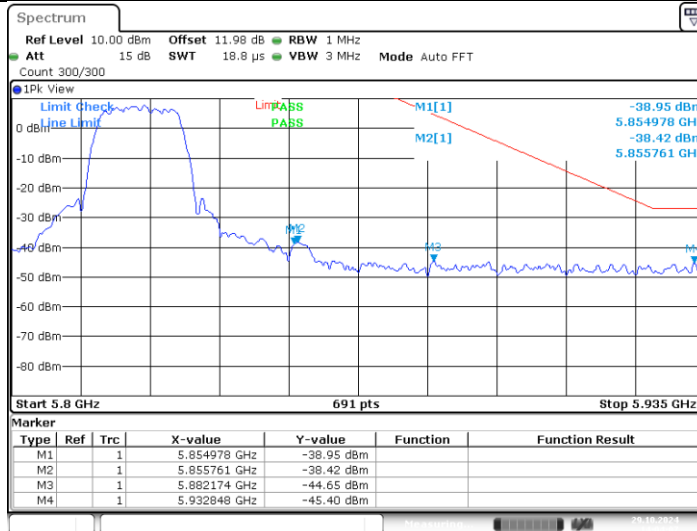


# Test Graphs B4

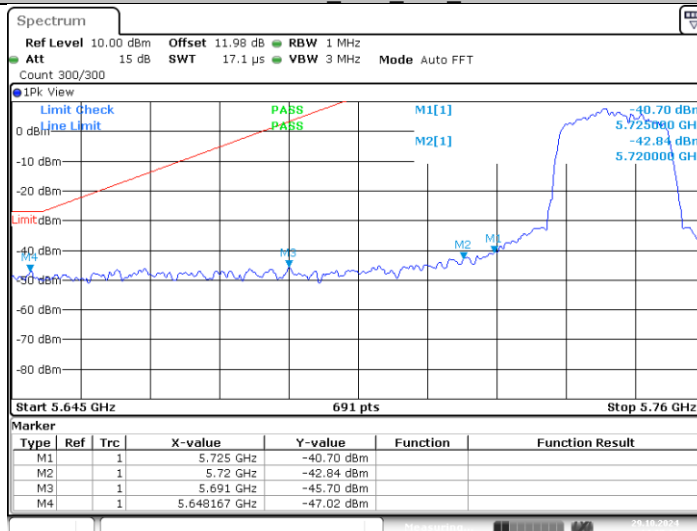
11A\_Ant1\_Low\_5745



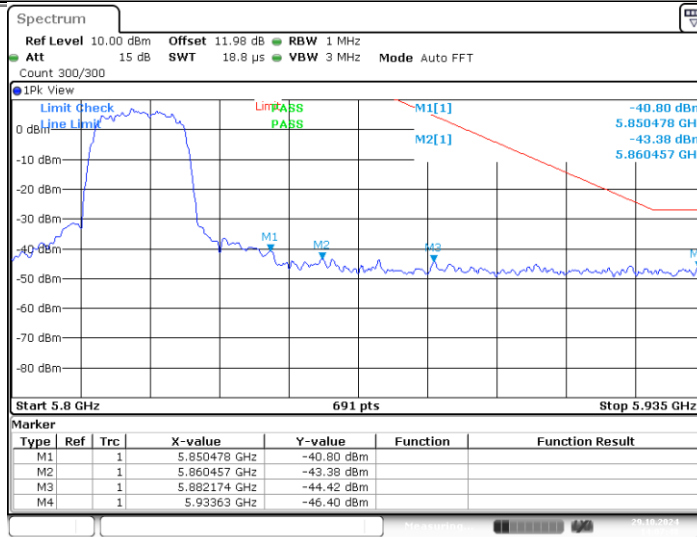
11A\_Ant1\_High\_5825



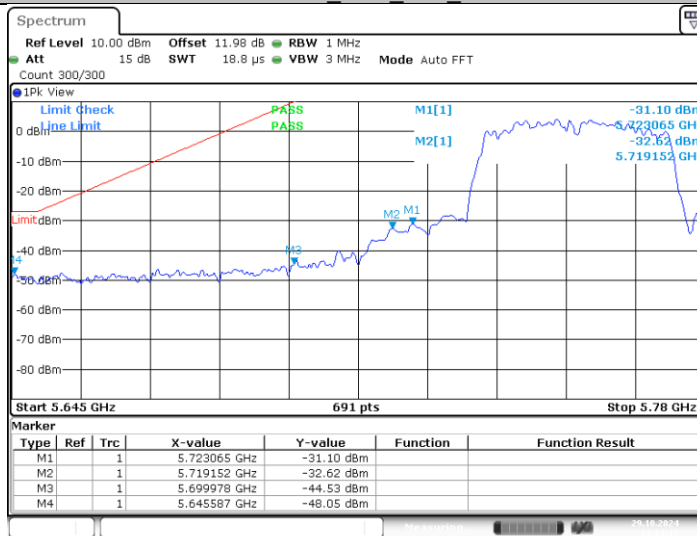
11N20SISO\_Ant1\_Low\_5745



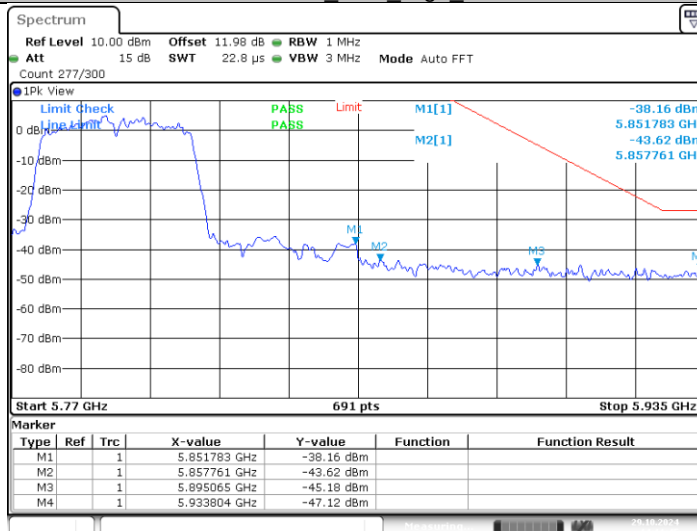
11N20SISO\_Ant1\_High\_5825



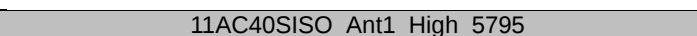
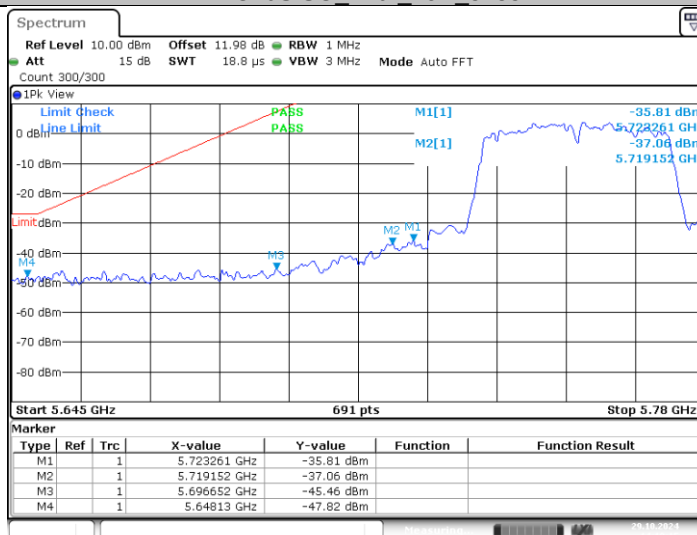
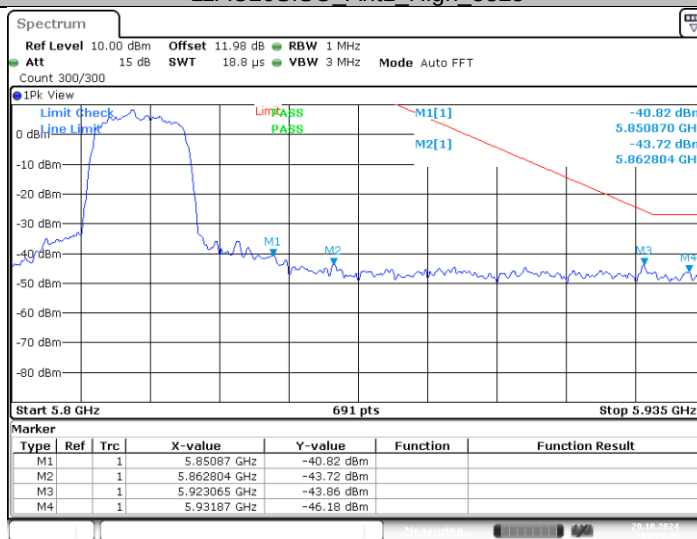
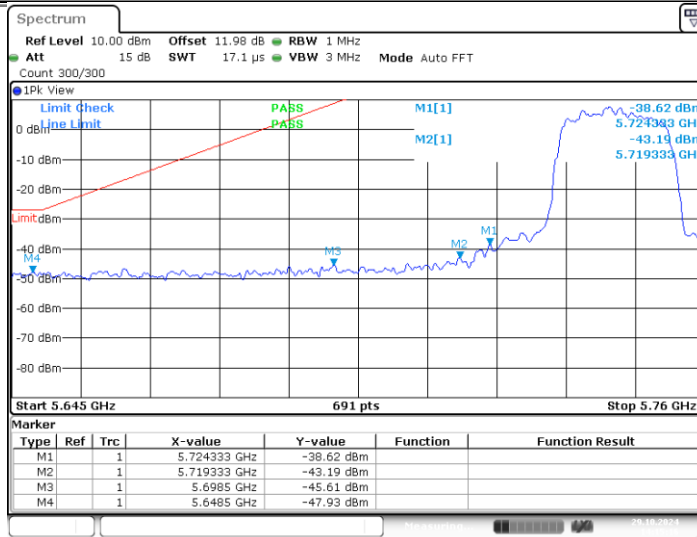
11N40SISO\_Ant1\_Low\_5755

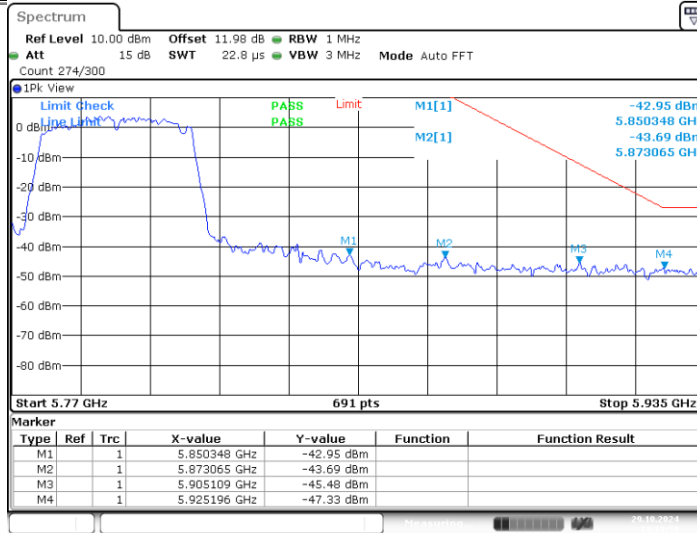


11N40SISO\_Ant1\_High\_5795

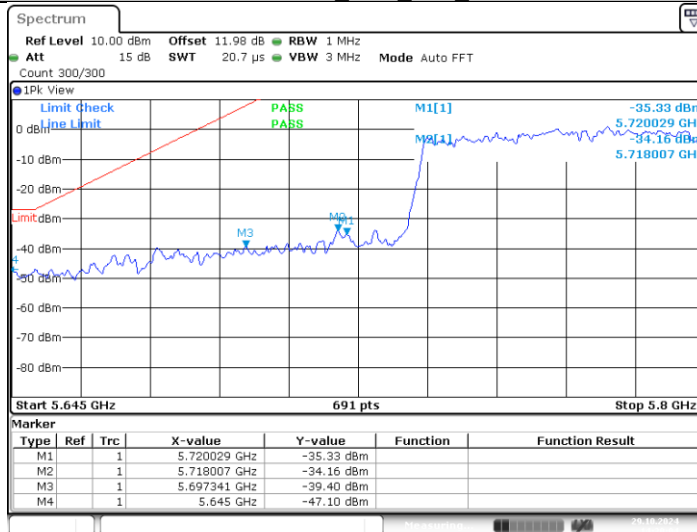


11AC20SISO\_Ant1\_Low\_5745

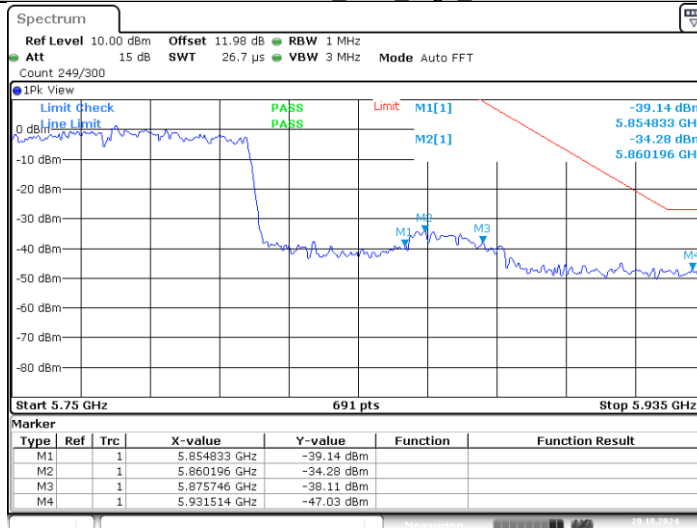




11AC80SISO\_Ant1\_Low\_5775



11AC80SISO\_Ant1\_High\_5775



ABOVE 1000 MHz

Note: All the modes have been tested and recorded worst mode in the report.

UNII-1

| 11A Channel 36 / 5180 MHz |                 |                        |                      |                   |                  |                |                        |                      |                |
|---------------------------|-----------------|------------------------|----------------------|-------------------|------------------|----------------|------------------------|----------------------|----------------|
| Frequency                 | Ant.Pol.<br>H/V | Peak reading<br>(dBuV) | AV reading<br>(dBuV) | Correction Factor | Emission Level   |                | Peak Limit<br>(dBuV/m) | AV Limit<br>(dBuV/m) | Margin<br>(dB) |
|                           |                 |                        |                      |                   | Peak<br>(dBuV/m) | AV<br>(dBuV/m) |                        |                      |                |
| 10651                     | H               | 43.47                  | ---                  | 9.03              | 52.50            | ---            | 74                     | 54                   | -21.50         |
| 15523                     | H               | 39.40                  | ---                  | 9.87              | 49.27            | ---            | 74                     | 54                   | -24.73         |
| ---                       | H               | .                      | ---                  | ---               | ---              | ---            | ---                    | ---                  | ---            |
| 10655                     | V               | 44.91                  | ---                  | 9.03              | 53.94            | ---            | 74                     | 54                   | -20.06         |
| 15542                     | V               | 39.08                  | ---                  | 9.88              | 48.96            | ---            | 74                     | 54                   | -25.04         |
| ---                       | V               | ---                    | ---                  | ---               | ---              | ---            | ---                    | ---                  | ---            |
| 11A Channel 40 / 5200 MHz |                 |                        |                      |                   |                  |                |                        |                      |                |
| Frequency                 | Ant.Pol.<br>H/V | Peak reading<br>(dBuV) | AV reading<br>(dBuV) | Correction Factor | Emission Level   |                | Peak Limit<br>(dBuV/m) | AV Limit<br>(dBuV/m) | Margin<br>(dB) |
|                           |                 |                        |                      |                   | Peak<br>(dBuV/m) | AV<br>(dBuV/m) |                        |                      |                |
| 10601                     | H               | 44.79                  | ---                  | 9.09              | 53.88            | ---            | 74                     | 54                   | -20.12         |
| 15600                     | H               | 23.05                  | ---                  | 9.91              | 32.96            | ---            | 74                     | 54                   | -21.04         |
| ---                       | H               | ---                    | ---                  | ---               | ---              | ---            | ---                    | ---                  | ---            |
| 10601                     | V               | 44.08                  | ---                  | 9.09              | 53.17            | ---            | 74                     | 54                   | -20.83         |
| 15600                     | V               | 24.01                  | ---                  | 9.91              | 33.92            | ---            | 74                     | 54                   | -20.08         |
| ---                       | V               | ---                    | ---                  | ---               | ---              | ---            | ---                    | ---                  | ---            |
| 11A Channel 48 / 5240 MHz |                 |                        |                      |                   |                  |                |                        |                      |                |
| Frequency                 | Ant.Pol.<br>H/V | Peak reading<br>(dBuV) | AV reading<br>(dBuV) | Correction Factor | Emission Level   |                | Peak Limit<br>(dBuV/m) | AV Limit<br>(dBuV/m) | Margin<br>(dB) |
|                           |                 |                        |                      |                   | Peak<br>(dBuV/m) | AV<br>(dBuV/m) |                        |                      |                |
| 10680                     | H               | 44.27                  | ---                  | 9.24              | 53.51            | ---            | 74                     | 54                   | -20.49         |
| 15722                     | H               | 23.14                  | ---                  | 10.01             | 33.15            | ---            | 74                     | 54                   | -20.85         |
| ---                       | H               | ---                    | ---                  | ---               | ---              | ---            | ---                    | ---                  | ---            |
| 10680                     | V               | 44.27                  | ---                  | 9.24              | 53.51            | ---            | 74                     | 54                   | -20.49         |
| 15722                     | V               | 23.98                  | ---                  | 10.01             | 33.99            | ---            | 74                     | 54                   | -20.01         |
| ---                       | V               | ---                    | ---                  | ---               | ---              | ---            | ---                    | ---                  | ---            |

## UNII-3

| 11A Channel 149 / 5745 MHz |                 |                        |                      |                   |                  |                |                        |                      |                |
|----------------------------|-----------------|------------------------|----------------------|-------------------|------------------|----------------|------------------------|----------------------|----------------|
| Frequency                  | Ant.Pol.<br>H/V | Peak reading<br>(dBuV) | AV reading<br>(dBuV) | Correction Factor | Emission Level   |                | Peak Limit<br>(dBuV/m) | AV Limit<br>(dBuV/m) | Margin<br>(dB) |
|                            |                 |                        |                      |                   | Peak<br>(dBuV/m) | AV<br>(dBuV/m) |                        |                      |                |
| 11491                      | H               | 43.55                  | ---                  | 9.81              | 53.36            | ---            | 74                     | 54                   | -20.64         |
| 17736                      | H               | 40.45                  | ---                  | 12.96             | 53.41            | ---            | 74                     | 54                   | -20.59         |
| ---                        | H               | .                      | ---                  | ---               | ---              | ---            | ---                    | ---                  | ---            |
| 11493                      | V               | 42.93                  | ---                  | 9.81              | 52.74            | ---            | 74                     | 54                   | -21.26         |
| 17735                      | V               | 40.13                  | ---                  | 12.95             | 53.08            | ---            | 74                     | 54                   | -20.92         |
| ---                        | V               | ---                    | ---                  | ---               | ---              | ---            | ---                    | ---                  | ---            |
| 11A Channel 153 / 5765 MHz |                 |                        |                      |                   |                  |                |                        |                      |                |
| Frequency                  | Ant.Pol.<br>H/V | Peak reading<br>(dBuV) | AV reading<br>(dBuV) | Correction Factor | Emission Level   |                | Peak Limit<br>(dBuV/m) | AV Limit<br>(dBuV/m) | Margin<br>(dB) |
|                            |                 |                        |                      |                   | Peak<br>(dBuV/m) | AV<br>(dBuV/m) |                        |                      |                |
| 11531                      | H               | 43.85                  | ---                  | 9.91              | 53.76            | ---            | 74                     | 54                   | -20.24         |
| 17796                      | H               | 39.24                  | ---                  | 13.21             | 52.45            | ---            | 74                     | 54                   | -21.55         |
| ---                        | H               | ---                    | ---                  | ---               | ---              | ---            | ---                    | ---                  | ---            |
| 11532                      | V               | 43.17                  | ---                  | 9.92              | 53.09            | ---            | 74                     | 54                   | -20.91         |
| 17797                      | V               | 40.21                  | ---                  | 13.22             | 53.43            | ---            | 74                     | 54                   | -20.57         |
| ---                        | V               | ---                    | ---                  | ---               | ---              | ---            | ---                    | ---                  | ---            |
| 11A Channel 165/ 5825 MHz  |                 |                        |                      |                   |                  |                |                        |                      |                |
| Frequency                  | Ant.Pol.<br>H/V | Peak reading<br>(dBuV) | AV reading<br>(dBuV) | Correction Factor | Emission Level   |                | Peak Limit<br>(dBuV/m) | AV Limit<br>(dBuV/m) | Margin<br>(dB) |
|                            |                 |                        |                      |                   | Peak<br>(dBuV/m) | AV<br>(dBuV/m) |                        |                      |                |
| 11651                      | H               | 43.74                  | ---                  | 10.01             | 53.75            | ---            | 74                     | 54                   | -20.25         |
| 17478                      | H               | 38.62                  | ---                  | 14.01             | 52.63            | ---            | 74                     | 54                   | -21.37         |
| ---                        | H               | ---                    | ---                  | ---               | ---              | ---            | ---                    | ---                  | ---            |
| 11649                      | V               | 42.84                  | ---                  | 9.98              | 52.82            | ---            | 74                     | 54                   | -21.18         |
| 17477                      | V               | 39.06                  | ---                  | 13.99             | 53.05            | ---            | 74                     | 54                   | -20.95         |
| ---                        | V               | ---                    | ---                  | ---               | ---              | ---            | ---                    | ---                  | ---            |

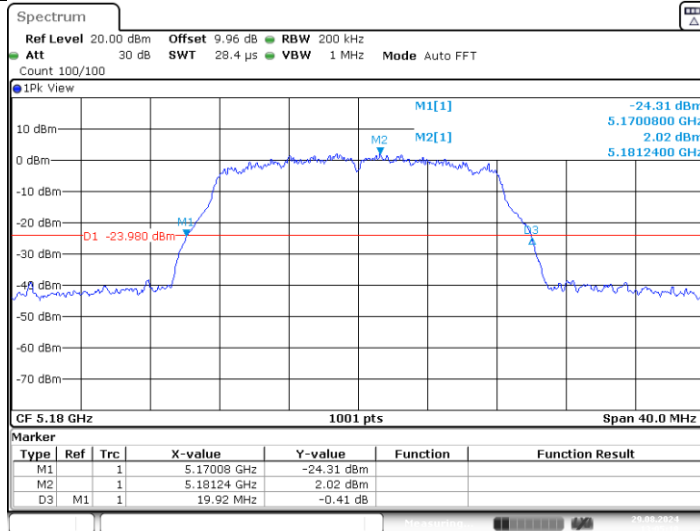
**Notes:**

- 1). Radiated emissions measured in frequency range from 9 KHz~10th harmonic or 40GHz (which is less) were made with an instrument using Peak detector mode.
- 2). Data of measurement within this frequency range shown "----" in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- 3). Worst case data at 1Mbps at IEEE 802.11a.
- 4). Measured Level = Reading Level + Factor, Margin = Measured Level – Limit

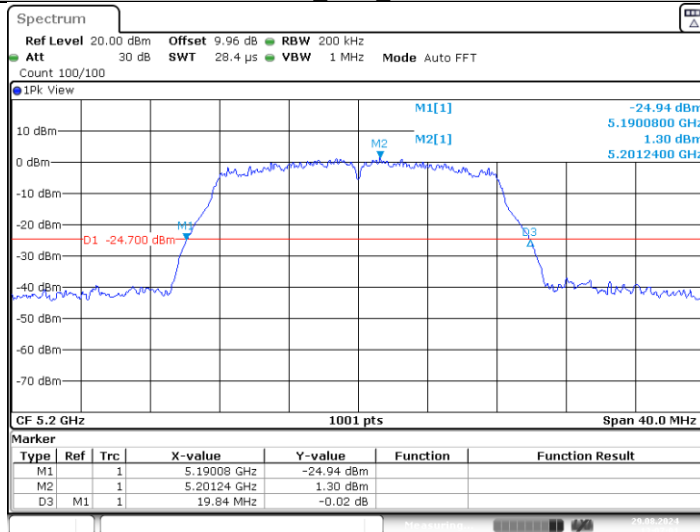
## APPENDIXE -BANDWIDTH

| TestMode   | Antenna | Freq(MHz) | 26db EBW [MHz] | FL[MHz] | FH[MHz] | Limit[MHz] | Verdict |
|------------|---------|-----------|----------------|---------|---------|------------|---------|
| 11A        | Ant1    | 5180      | 19.92          | 5170.08 | 5190.00 | ---        | ---     |
|            |         | 5200      | 19.84          | 5190.08 | 5209.92 | ---        | ---     |
|            |         | 5240      | 19.88          | 5230.08 | 5249.96 | ---        | ---     |
|            |         | 5745      | 19.88          | 5734.96 | 5754.84 | ---        | ---     |
|            |         | 5785      | 19.96          | 5775.12 | 5795.08 | ---        | ---     |
| 11N20SISO  | Ant1    | 5180      | 19.88          | 5170.08 | 5189.96 | ---        | ---     |
|            |         | 5200      | 19.96          | 5190.00 | 5209.96 | ---        | ---     |
|            |         | 5240      | 20.00          | 5230.00 | 5250.00 | ---        | ---     |
|            |         | 5745      | 19.92          | 5734.96 | 5754.88 | ---        | ---     |
|            |         | 5785      | 19.92          | 5775.12 | 5795.04 | ---        | ---     |
| 11N40SISO  | Ant1    | 5180      | 19.88          | 5170.08 | 5189.96 | ---        | ---     |
|            |         | 5200      | 19.96          | 5190.00 | 5209.96 | ---        | ---     |
|            |         | 5240      | 20.00          | 5230.00 | 5250.00 | ---        | ---     |
|            |         | 5745      | 19.92          | 5734.96 | 5754.88 | ---        | ---     |
|            |         | 5785      | 19.92          | 5775.12 | 5795.04 | ---        | ---     |
| 11AC20SISO | Ant1    | 5180      | 19.84          | 5170.08 | 5189.92 | ---        | ---     |
|            |         | 5200      | 20.04          | 5189.96 | 5210.00 | ---        | ---     |
|            |         | 5240      | 19.96          | 5229.96 | 5249.92 | ---        | ---     |
|            |         | 5745      | 19.96          | 5734.92 | 5754.88 | ---        | ---     |
|            |         | 5785      | 20.00          | 5775.12 | 5795.12 | ---        | ---     |
| 11AC40SISO | Ant1    | 5180      | 19.84          | 5170.08 | 5189.92 | ---        | ---     |
|            |         | 5200      | 20.04          | 5189.96 | 5210.00 | ---        | ---     |
|            |         | 5240      | 19.96          | 5229.96 | 5249.92 | ---        | ---     |
|            |         | 5745      | 19.96          | 5734.92 | 5754.88 | ---        | ---     |
|            |         | 5785      | 20.00          | 5775.12 | 5795.12 | ---        | ---     |
| 11AC80SISO | Ant1    | 5180      | 19.84          | 5170.08 | 5189.92 | ---        | ---     |
|            |         | 5200      | 20.04          | 5189.96 | 5210.00 | ---        | ---     |
|            |         | 5240      | 19.96          | 5229.96 | 5249.92 | ---        | ---     |
|            |         | 5745      | 19.96          | 5734.92 | 5754.88 | ---        | ---     |
|            |         | 5785      | 20.00          | 5775.12 | 5795.12 | ---        | ---     |
| 11AC20SISO | Ant1    | 5180      | 19.84          | 5170.08 | 5189.92 | ---        | ---     |
|            |         | 5200      | 20.04          | 5189.96 | 5210.00 | ---        | ---     |
|            |         | 5240      | 19.96          | 5229.96 | 5249.92 | ---        | ---     |
|            |         | 5745      | 19.96          | 5734.92 | 5754.88 | ---        | ---     |
|            |         | 5785      | 20.00          | 5775.12 | 5795.12 | ---        | ---     |
| 11AC40SISO | Ant1    | 5180      | 19.84          | 5170.08 | 5189.92 | ---        | ---     |
|            |         | 5200      | 20.04          | 5189.96 | 5210.00 | ---        | ---     |
|            |         | 5240      | 19.96          | 5229.96 | 5249.92 | ---        | ---     |
|            |         | 5745      | 19.96          | 5734.92 | 5754.88 | ---        | ---     |
|            |         | 5785      | 20.00          | 5775.12 | 5795.12 | ---        | ---     |
| 11AC80SISO | Ant1    | 5180      | 19.84          | 5170.08 | 5189.92 | ---        | ---     |
|            |         | 5200      | 20.04          | 5189.96 | 5210.00 | ---        | ---     |
|            |         | 5240      | 19.96          | 5229.96 | 5249.92 | ---        | ---     |
|            |         | 5745      | 19.96          | 5734.92 | 5754.88 | ---        | ---     |
|            |         | 5785      | 20.00          | 5775.12 | 5795.12 | ---        | ---     |
| 11AC20SISO | Ant1    | 5180      | 19.84          | 5170.08 | 5189.92 | ---        | ---     |
|            |         | 5200      | 20.04          | 5189.96 | 5210.00 | ---        | ---     |
|            |         | 5240      | 19.96          | 5229.96 | 5249.92 | ---        | ---     |
|            |         | 5745      | 19.96          | 5734.92 | 5754.88 | ---        | ---     |
|            |         | 5785      | 20.00          | 5775.12 | 5795.12 | ---        | ---     |
| 11AC40SISO | Ant1    | 5180      | 19.84          | 5170.08 | 5189.92 | ---        | ---     |
|            |         | 5200      | 20.04          | 5189.96 | 5210.00 | ---        | ---     |
|            |         | 5240      | 19.96          | 5229.96 | 5249.92 | ---        | ---     |
|            |         | 5745      | 19.96          | 5734.92 | 5754.88 | ---        | ---     |
|            |         | 5785      | 20.00          | 5775.12 | 5795.12 | ---        | ---     |
| 11AC80SISO | Ant1    | 5180      | 19.84          | 5170.08 | 5189.92 | ---        | ---     |
|            |         | 5200      | 20.04          | 5189.96 | 5210.00 | ---        | ---     |
|            |         | 5240      | 19.96          | 5229.96 | 5249.92 | ---        | ---     |
|            |         | 5745      | 19.96          | 5734.92 | 5754.88 | ---        | ---     |
|            |         | 5785      | 20.00          | 5775.12 | 5795.12 | ---        | ---     |
| 11AC20SISO | Ant1    | 5180      | 19.84          | 5170.08 | 5189.92 | ---        | ---     |
|            |         | 5200      | 20.04          | 5189.96 | 5210.00 | ---        | ---     |
|            |         | 5240      | 19.96          | 5229.96 | 5249.92 | ---        | ---     |
|            |         | 5745      | 19.96          | 5734.92 | 5754.88 | ---        | ---     |
|            |         | 5785      | 20.00          | 5775.12 | 5795.12 | ---        | ---     |
| 11AC40SISO | Ant1    | 5180      | 19.84          | 5170.08 | 5189.92 | ---        | ---     |
|            |         | 5200      | 20.04          | 5189.96 | 5210.00 | ---        | ---     |
|            |         | 5240      | 19.96          | 5229.96 | 5249.92 | ---        | ---     |
|            |         | 5745      | 19.96          | 5734.92 | 5754.88 | ---        | ---     |
|            |         | 5785      | 20.00          | 5775.12 | 5795.12 | ---        | ---     |
| 11AC80SISO | Ant1    | 5180      | 19.84          | 5170.08 | 5189.92 | ---        | ---     |
|            |         | 5200      | 20.04          | 5189.96 | 5210.00 | ---        | ---     |
|            |         | 5240      | 19.96          | 5229.96 | 5249.92 | ---        | ---     |
|            |         | 5745      | 19.96          | 5734.92 | 5754.88 | ---        | ---     |
|            |         | 5785      | 20.00          | 5775.12 | 5795.12 | ---        | ---     |

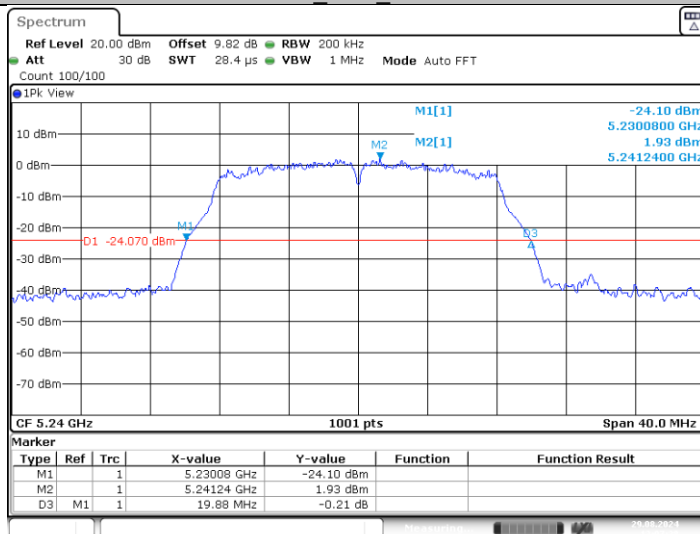
### 11A\_Ant1\_5180



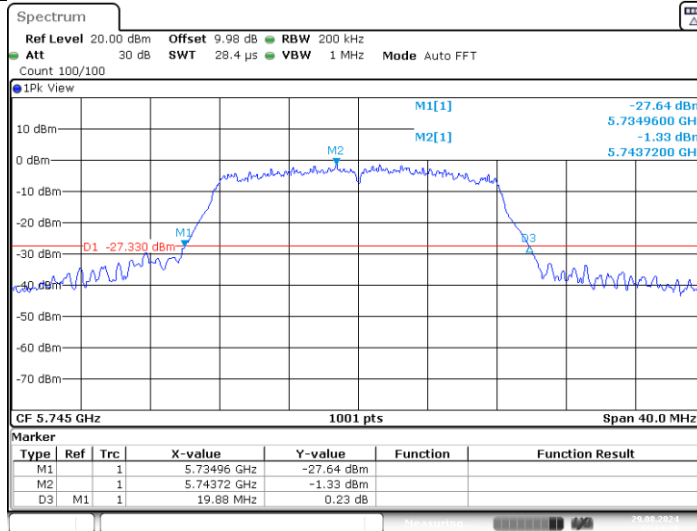
### 11A\_Ant1\_5200



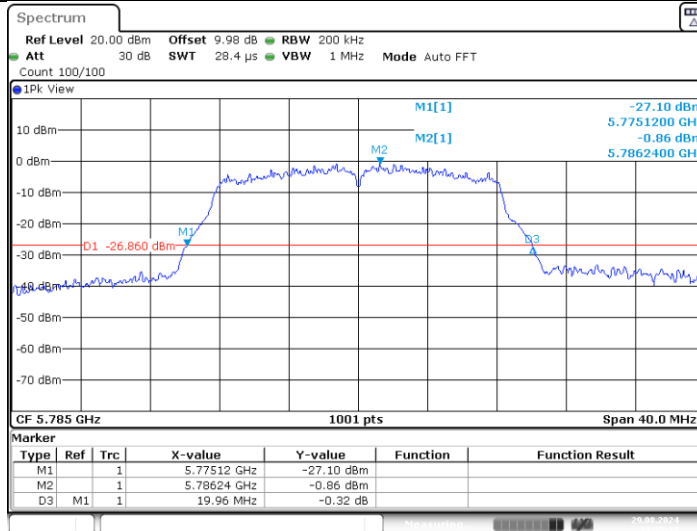
### 11A\_Ant1\_5240



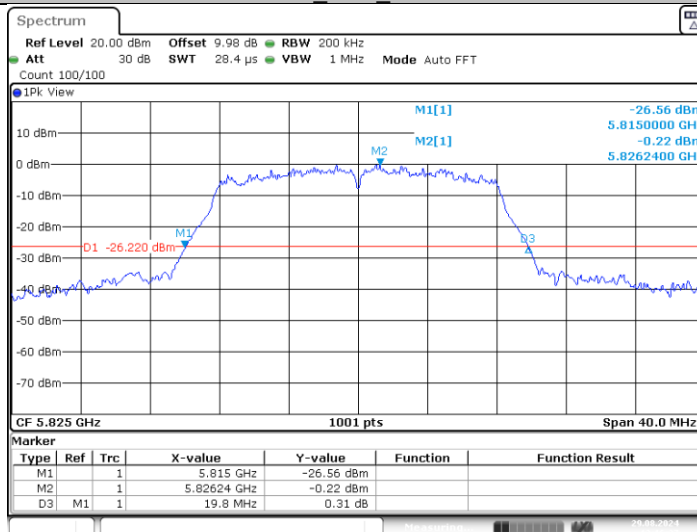
## 11A\_Ant1\_5745



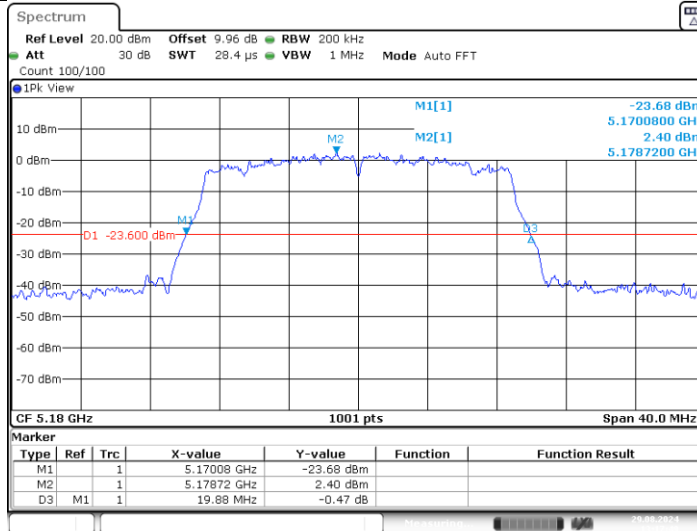
## 11A\_Ant1\_5785



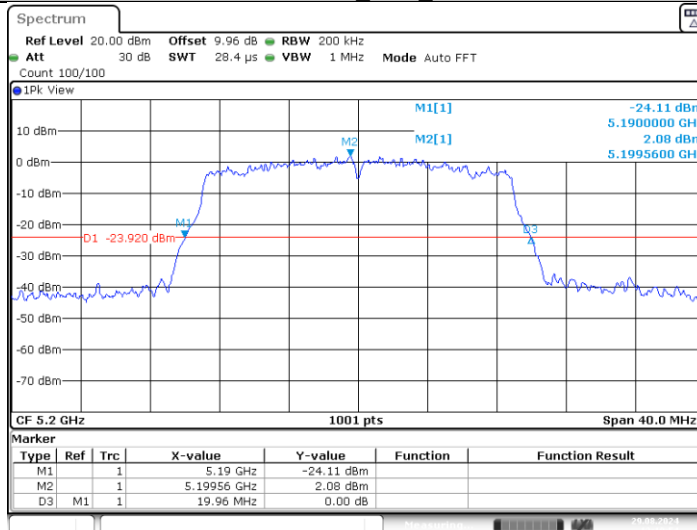
## 11A\_Ant1\_5825



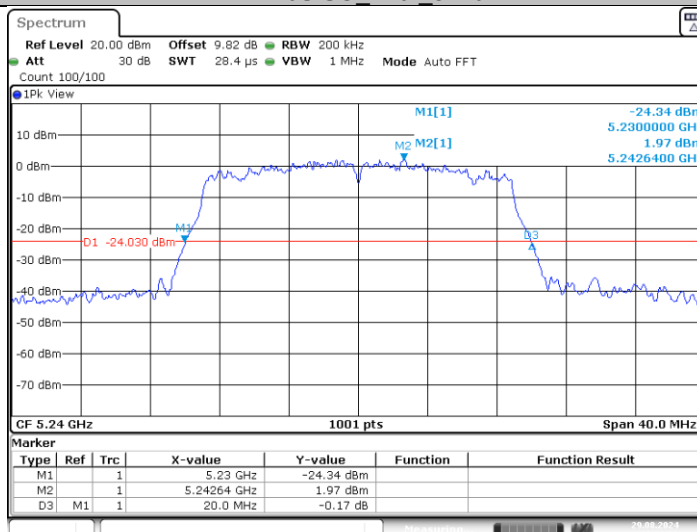
### 11N20SISO\_Ant1 5180



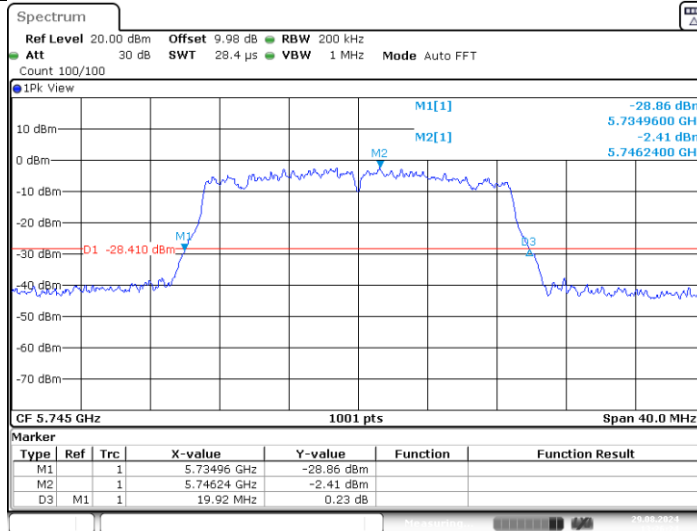
### 11N20SISO\_Ant1 5200



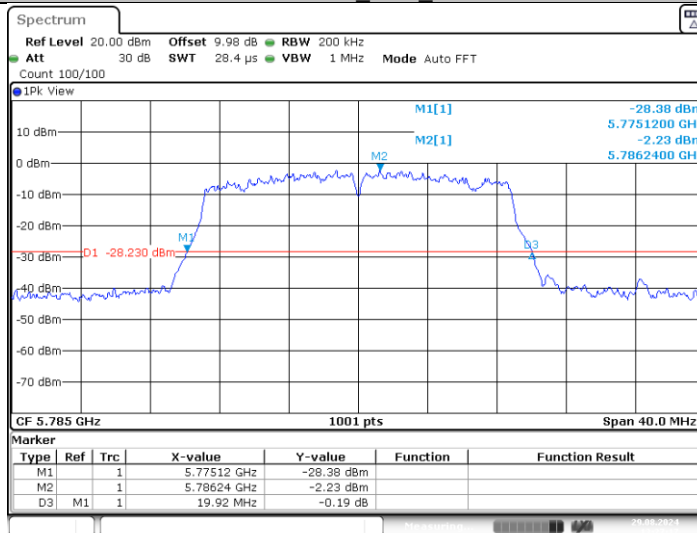
### 11N20SISO\_Ant1 5240



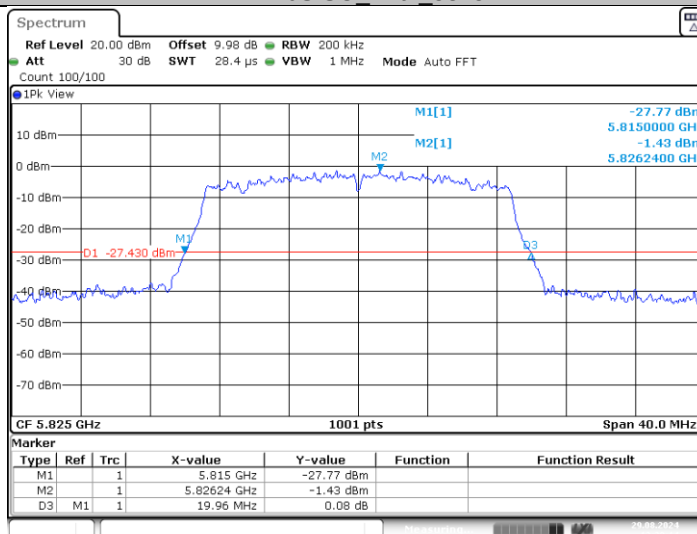
## 11N20SISO\_Ant1\_5745

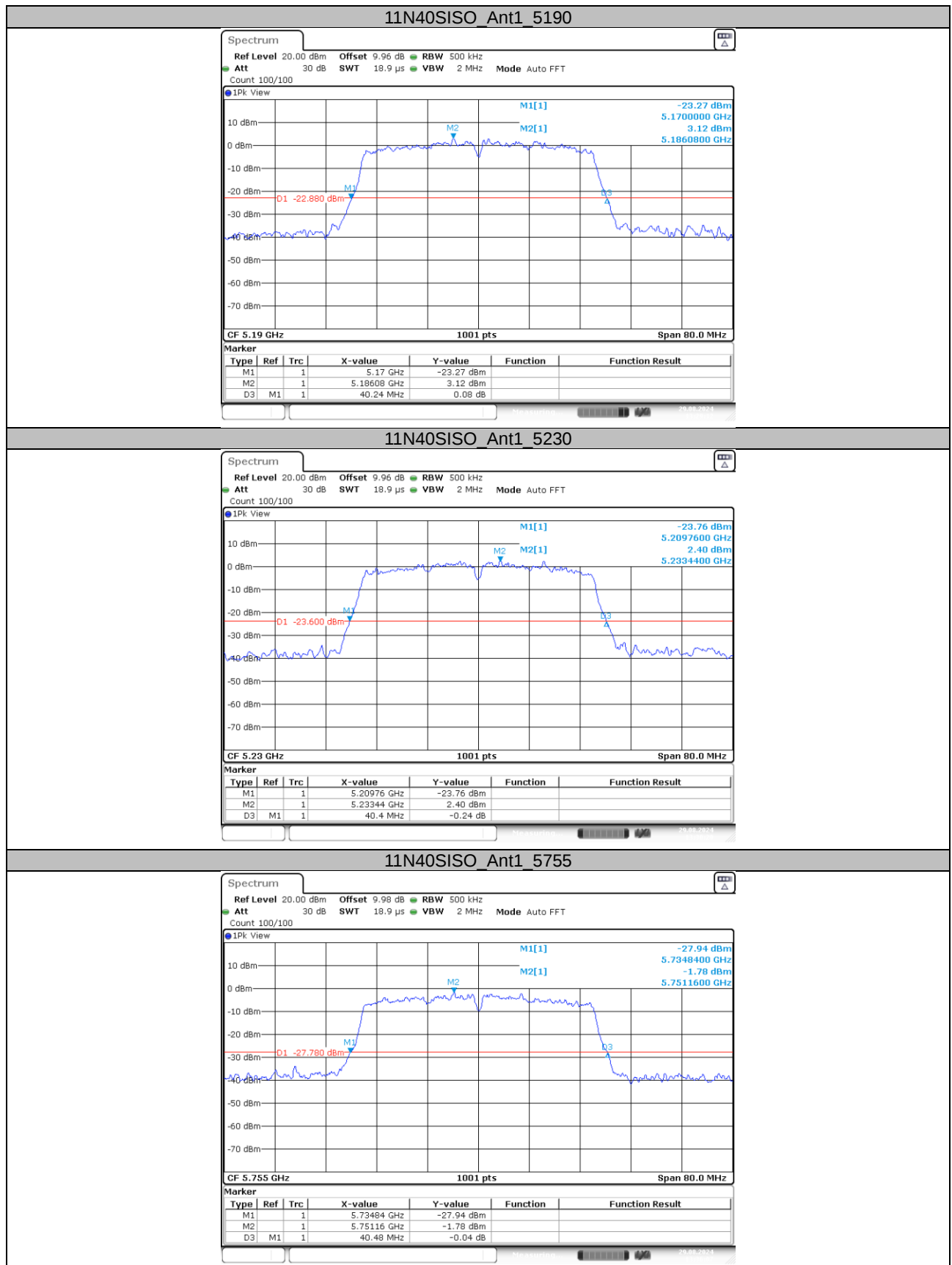


## 11N20SISO\_Ant1\_5785

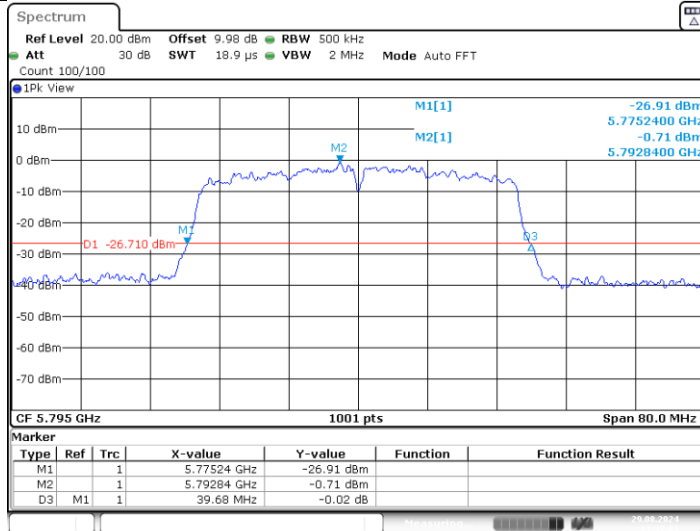


## 11N20SISO\_Ant1\_5825

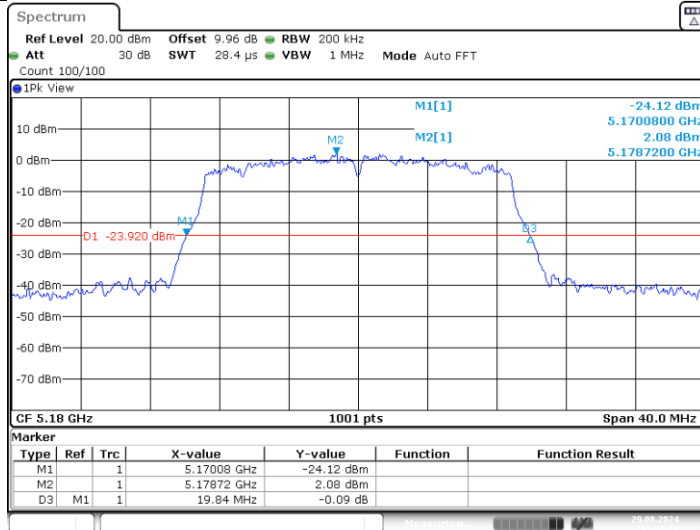




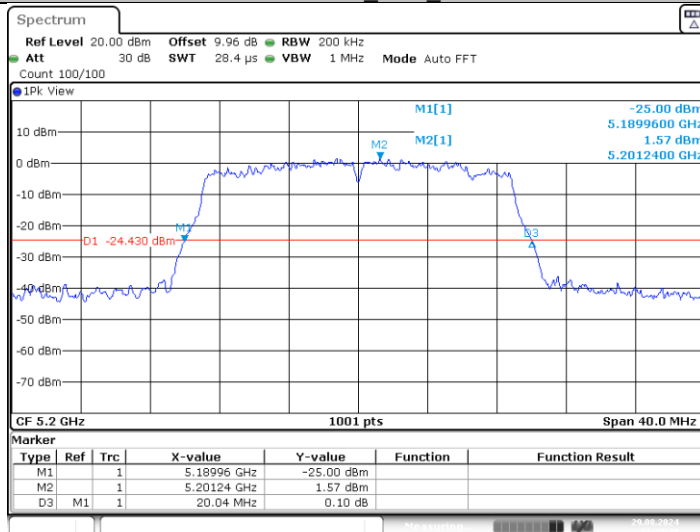
### 11N40SISO\_Ant1\_5795



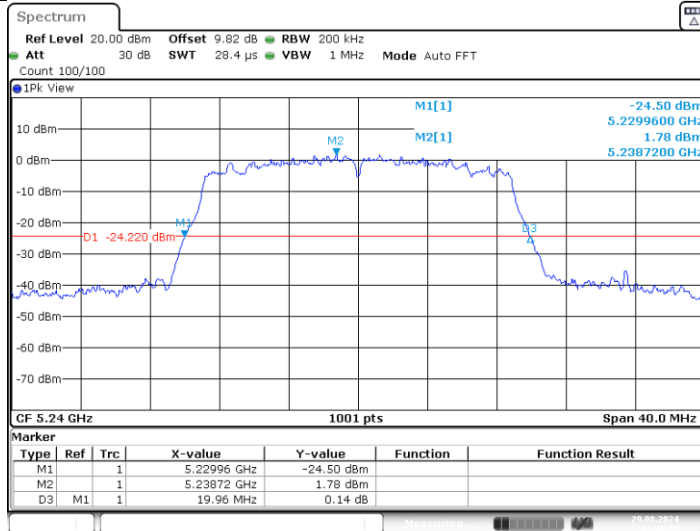
### 11AC20SISO\_Ant1\_5180



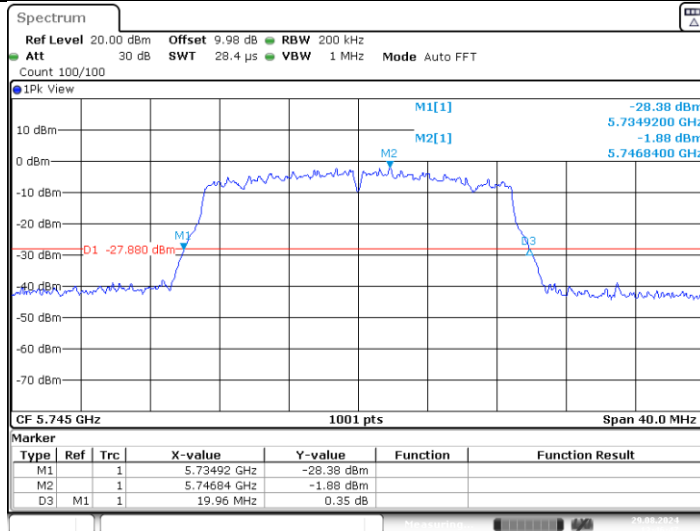
### 11AC20SISO\_Ant1\_5200



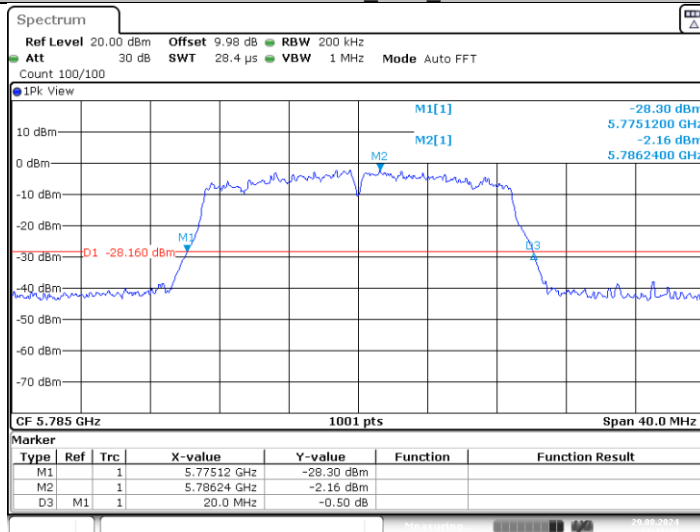
## 11AC20SISO\_Ant1\_5240



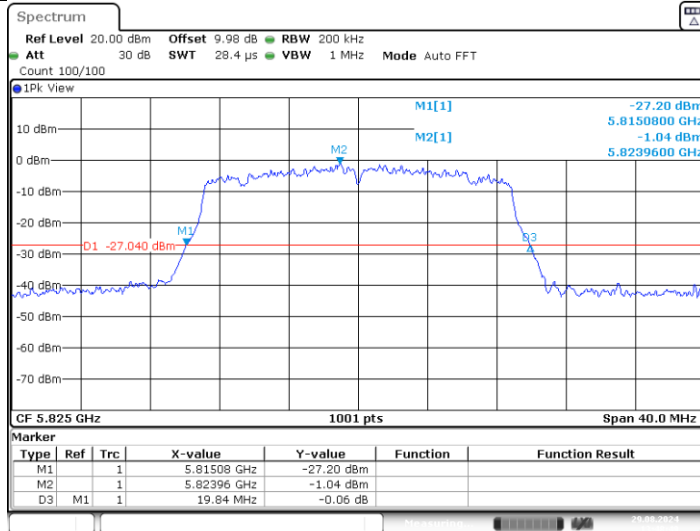
## 11AC20SISO\_Ant1\_5745



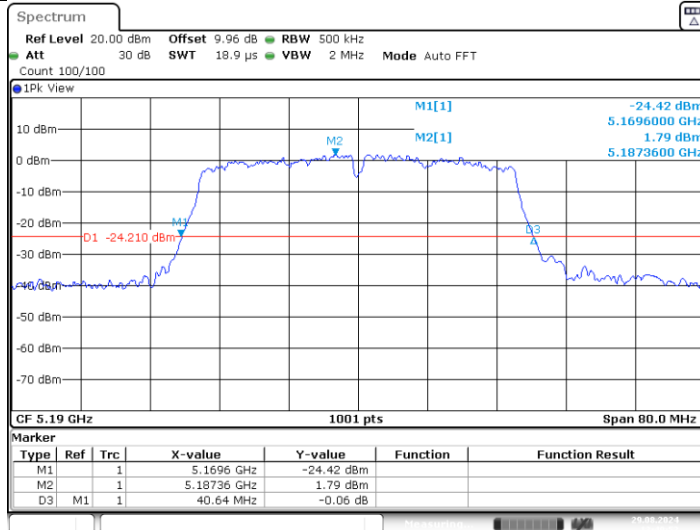
## 11AC20SISO\_Ant1\_5785



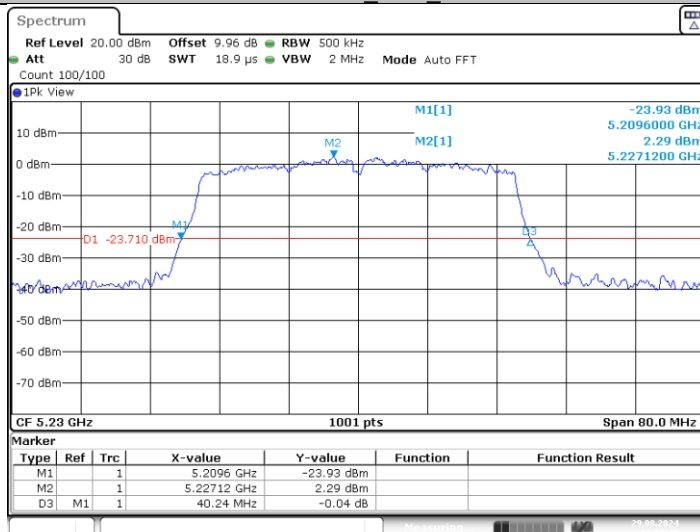
## 11AC20SISO\_Ant1\_5825



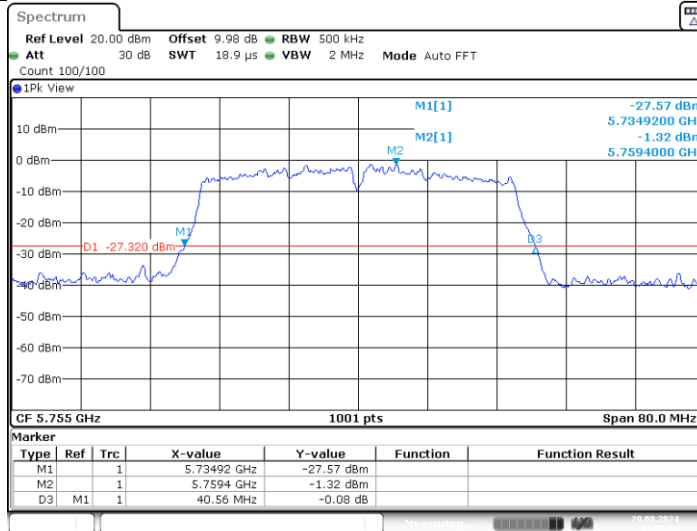
## 11AC40SISO\_Ant1\_5190



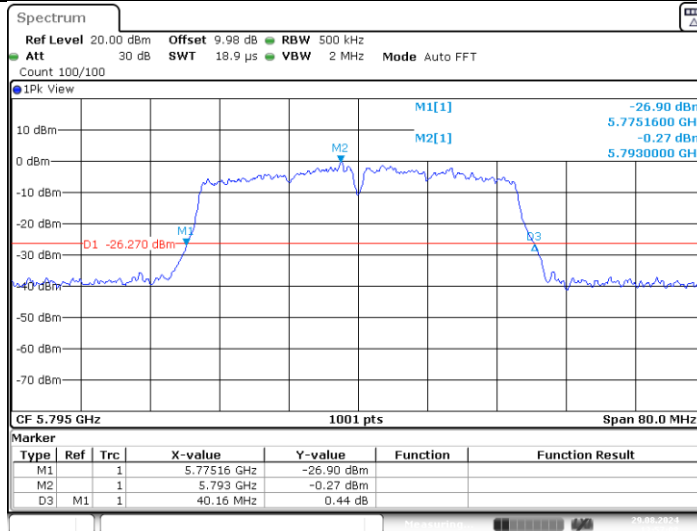
## 11AC40SISO\_Ant1\_5230



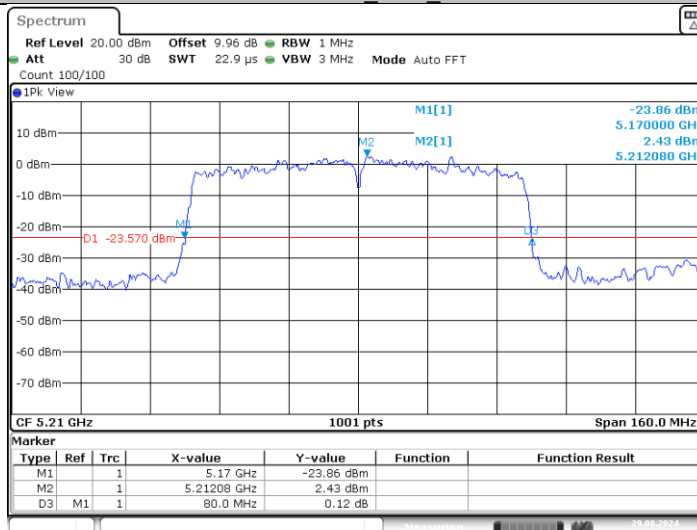
## 11AC40SISO\_Ant1\_5755

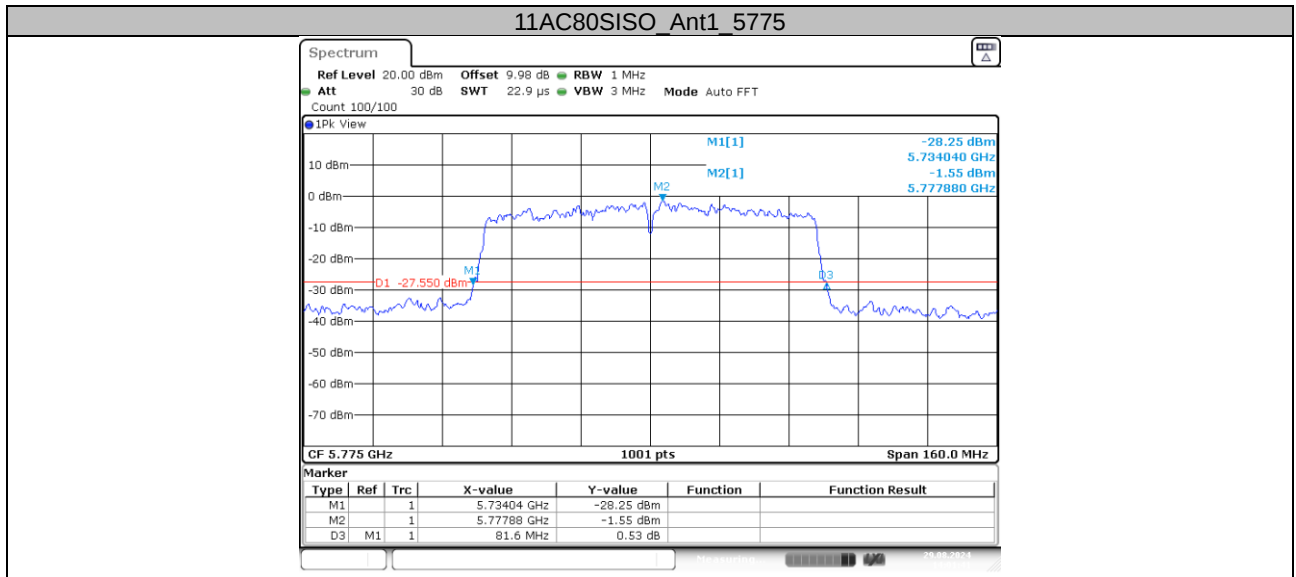


## 11AC40SISO\_Ant1\_5795



## 11AC80SISO\_Ant1\_5210



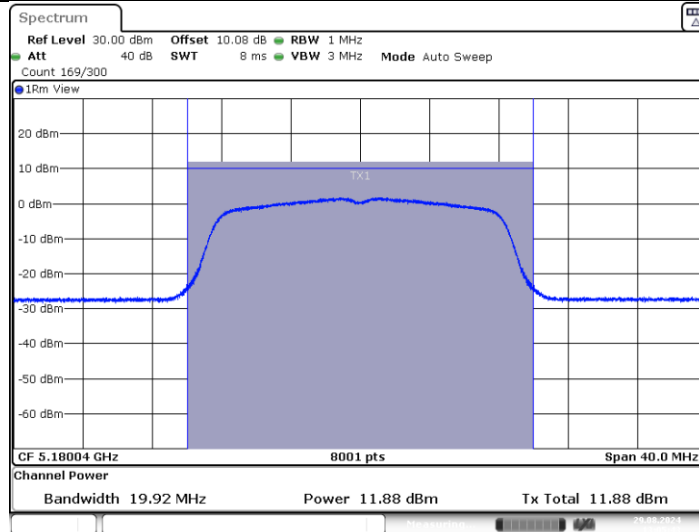


## APPENDIXF -MAXIMUM OUTPUT POWER

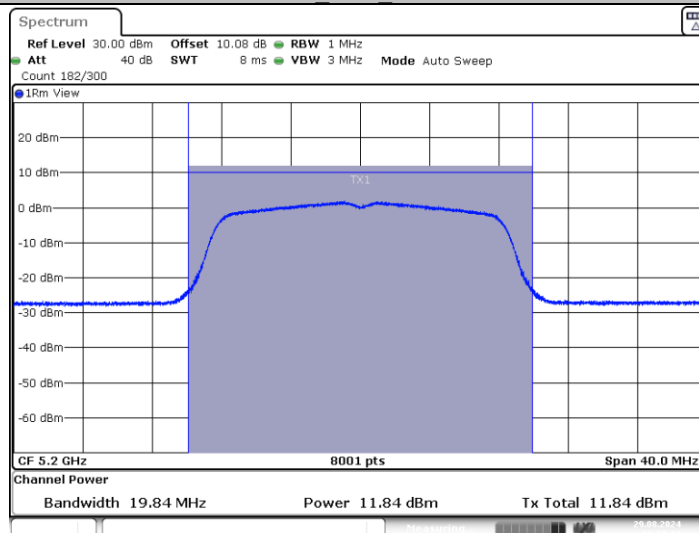
| Test Mode  | Antenna | Freq(MHz) | Channel Power [dBm] | Duty Cycle [%] | DC Factor [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|------------|---------|-----------|---------------------|----------------|-----------------|--------------|-------------|---------|
| 11A        | Ant1    | 5180      | 11.76               | 97.20          | 0.12            | 11.88        | ≤23.98      | PASS    |
|            |         | 5200      | 11.72               | 97.20          | 0.12            | 11.84        | ≤23.98      | PASS    |
|            |         | 5240      | 11.87               | 97.90          | 0.09            | 11.96        | ≤23.98      | PASS    |
|            |         | 5745      | 8.95                | 97.20          | 0.12            | 9.07         | ≤30.00      | PASS    |
|            |         | 5785      | 9.22                | 97.20          | 0.12            | 9.34         | ≤30.00      | PASS    |
|            |         | 5825      | 9.93                | 97.90          | 0.09            | 10.02        | ≤30.00      | PASS    |
| 11N20SISO  | Ant1    | 5180      | 11.17               | 85.00          | 0.71            | 11.88        | ≤23.98      | PASS    |
|            |         | 5200      | 11.05               | 85.00          | 0.71            | 11.76        | ≤23.98      | PASS    |
|            |         | 5240      | 10.79               | 80.00          | 0.97            | 11.76        | ≤23.98      | PASS    |
|            |         | 5745      | 6.66                | 85.00          | 0.71            | 7.37         | ≤30.00      | PASS    |
|            |         | 5785      | 6.92                | 80.00          | 0.97            | 7.89         | ≤30.00      | PASS    |
|            |         | 5825      | 7.64                | 80.00          | 0.97            | 8.61         | ≤30.00      | PASS    |
| 11N40SISO  | Ant1    | 5190      | 10.42               | 71.43          | 1.46            | 11.88        | ≤23.98      | PASS    |
|            |         | 5230      | 10.21               | 71.43          | 1.46            | 11.67        | ≤23.98      | PASS    |
|            |         | 5755      | 6.19                | 71.43          | 1.46            | 7.65         | ≤30.00      | PASS    |
|            |         | 5795      | 6.76                | 71.43          | 1.46            | 8.22         | ≤30.00      | PASS    |
| 11AC20SISO | Ant1    | 5180      | 10.78               | 80.95          | 0.92            | 11.70        | ≤23.98      | PASS    |
|            |         | 5200      | 10.83               | 80.95          | 0.92            | 11.75        | ≤23.98      | PASS    |
|            |         | 5240      | 10.54               | 85.00          | 0.71            | 11.25        | ≤23.98      | PASS    |
|            |         | 5745      | 6.80                | 85.00          | 0.71            | 7.51         | ≤30.00      | PASS    |
|            |         | 5785      | 6.95                | 80.95          | 0.92            | 7.87         | ≤30.00      | PASS    |
|            |         | 5825      | 7.68                | 80.95          | 0.92            | 8.60         | ≤30.00      | PASS    |
| 11AC40SISO | Ant1    | 5190      | 10.55               | 71.43          | 1.46            | 12.01        | ≤23.98      | PASS    |
|            |         | 5230      | 10.54               | 71.43          | 1.46            | 12.00        | ≤23.98      | PASS    |
|            |         | 5755      | 6.47                | 71.43          | 1.46            | 7.93         | ≤30.00      | PASS    |
|            |         | 5795      | 7.06                | 71.43          | 1.46            | 8.52         | ≤30.00      | PASS    |
| 11AC80SISO | Ant1    | 5210      | 10.24               | 35.00          | 4.56            | 14.80        | ≤23.98      | PASS    |
|            |         | 5775      | 6.29                | 53.85          | 2.69            | 8.98         | ≤30.00      | PASS    |

Note: The Duty Cycle Factor is compensated in the graph.

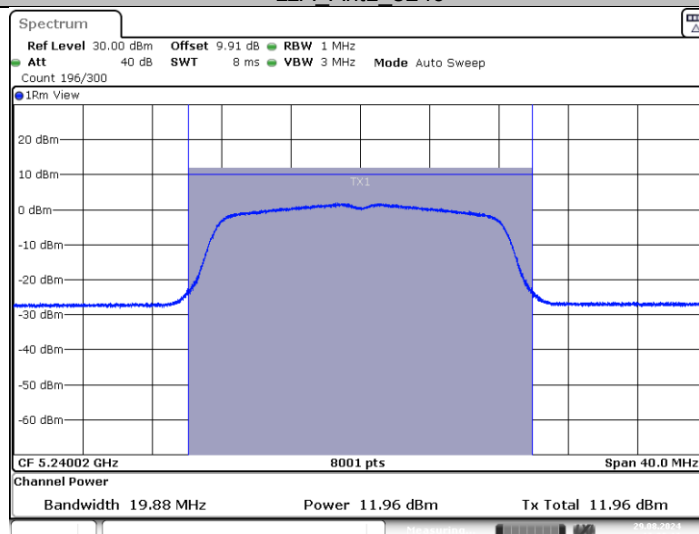
### 11A\_Ant1\_5180

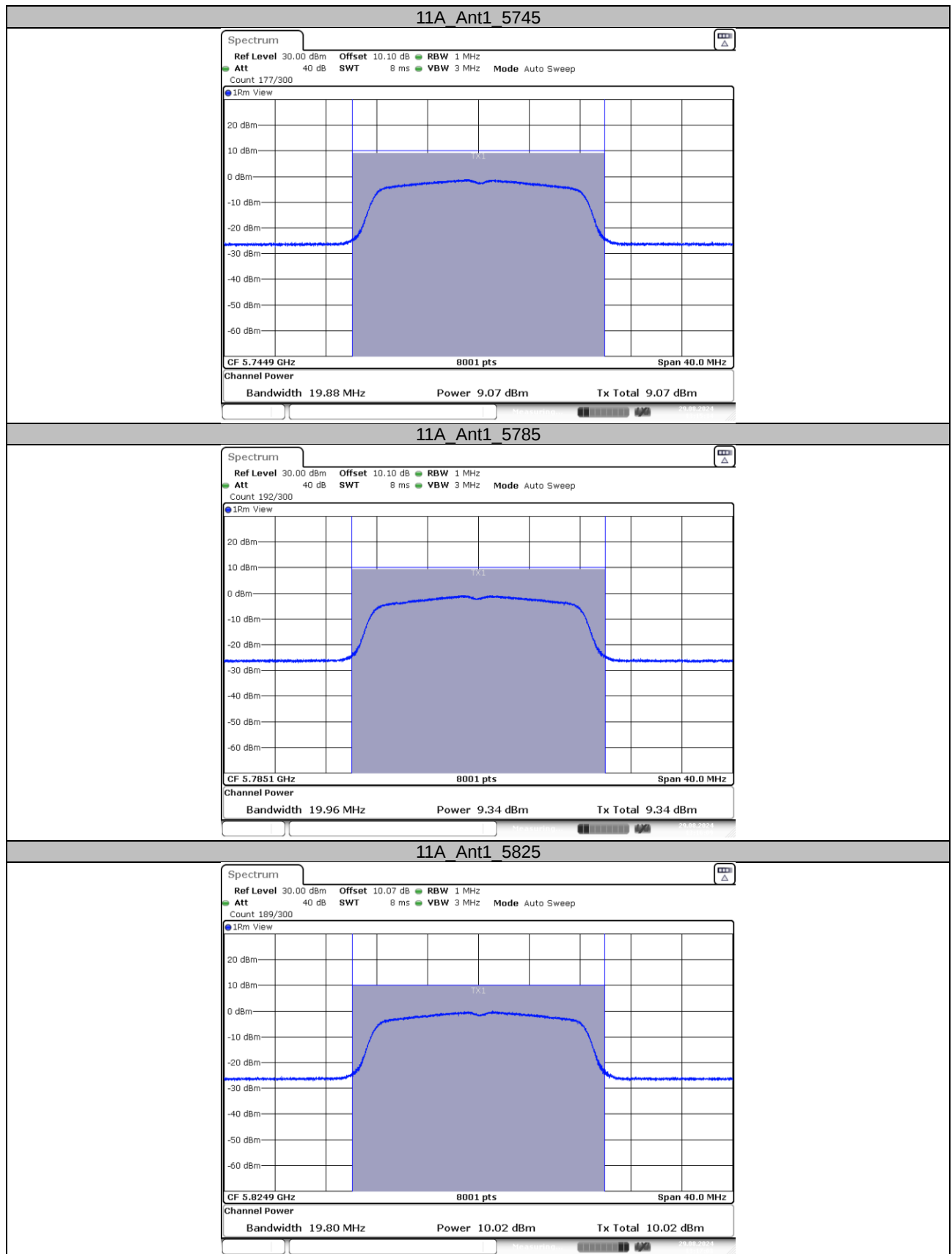


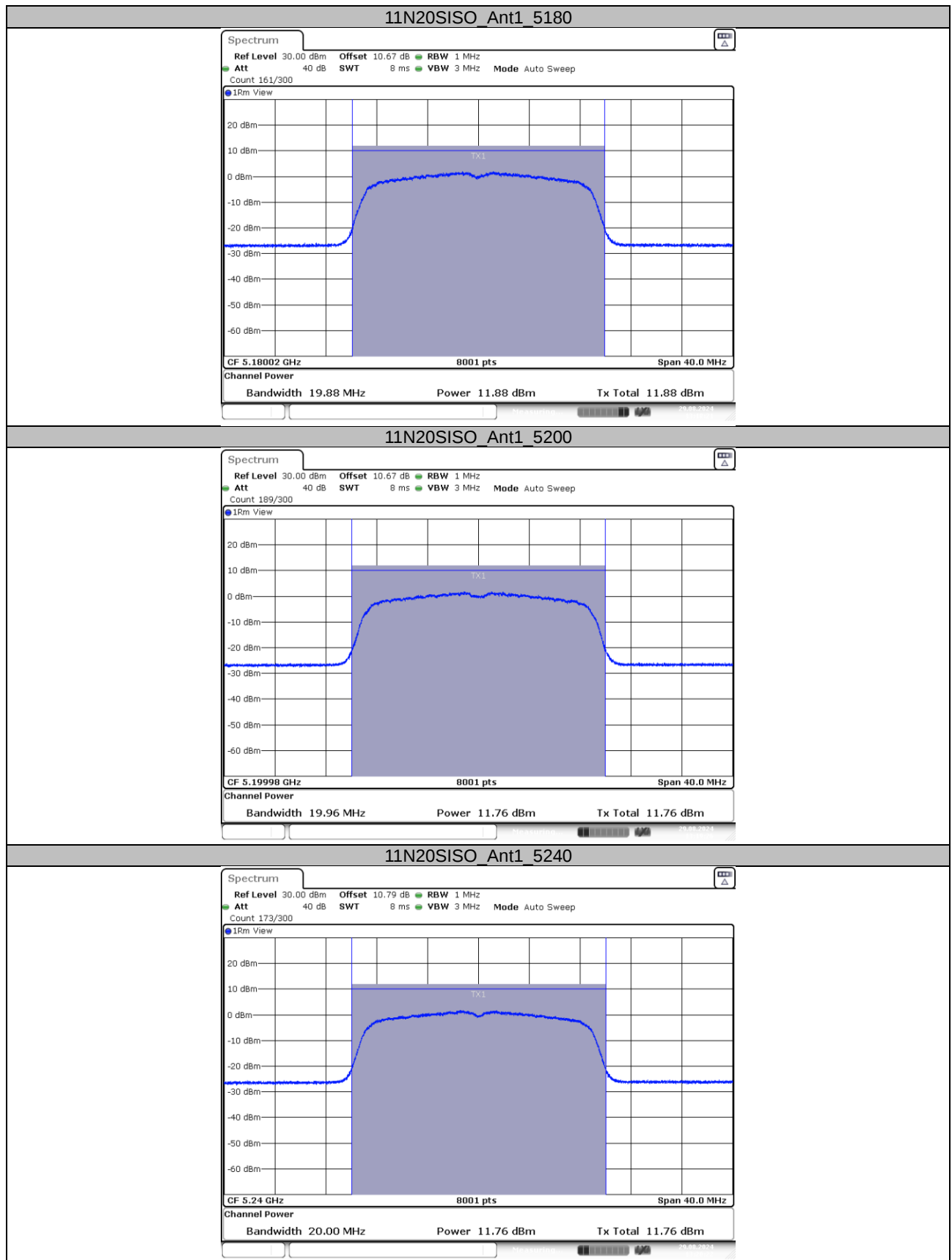
### 11A\_Ant1\_5200

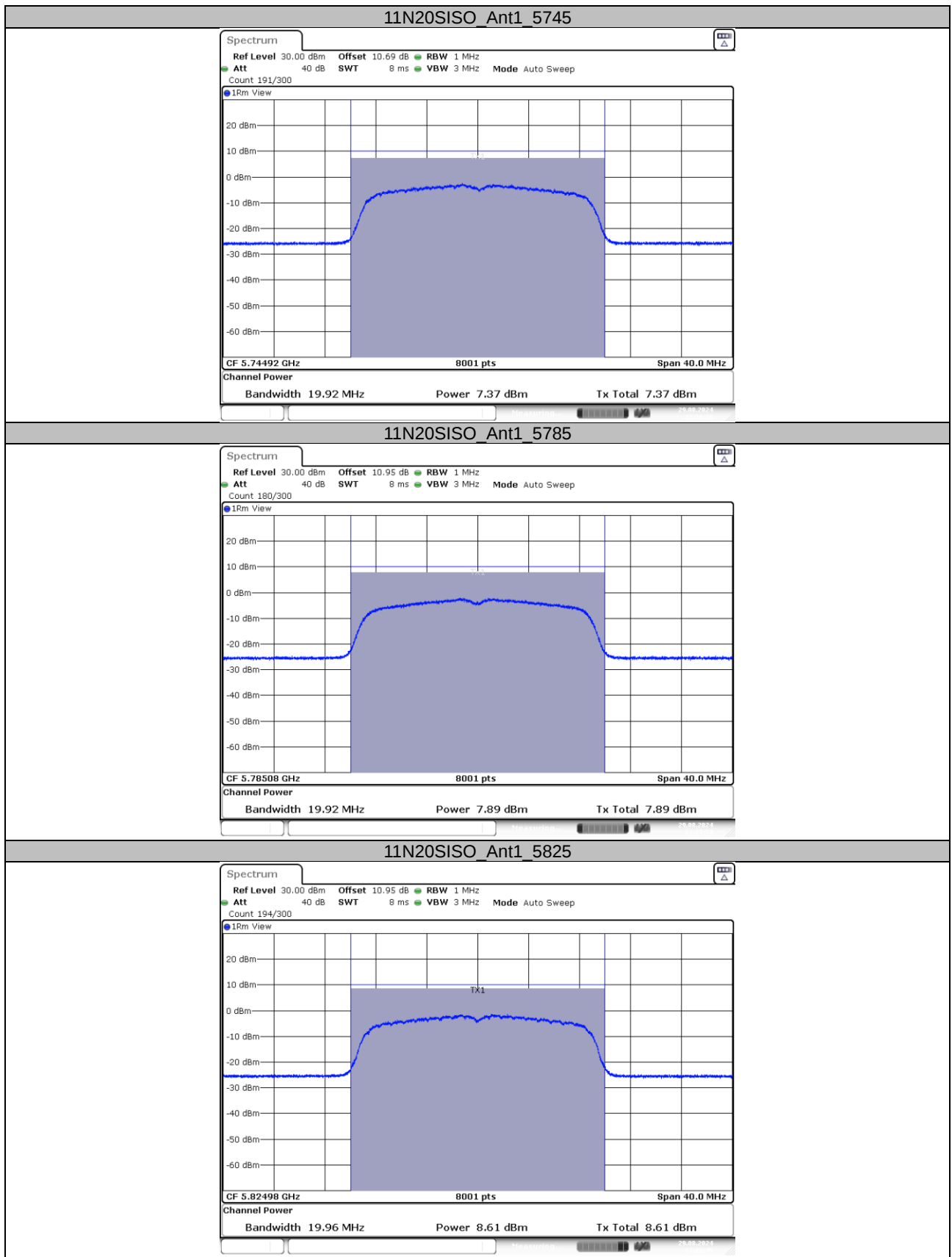


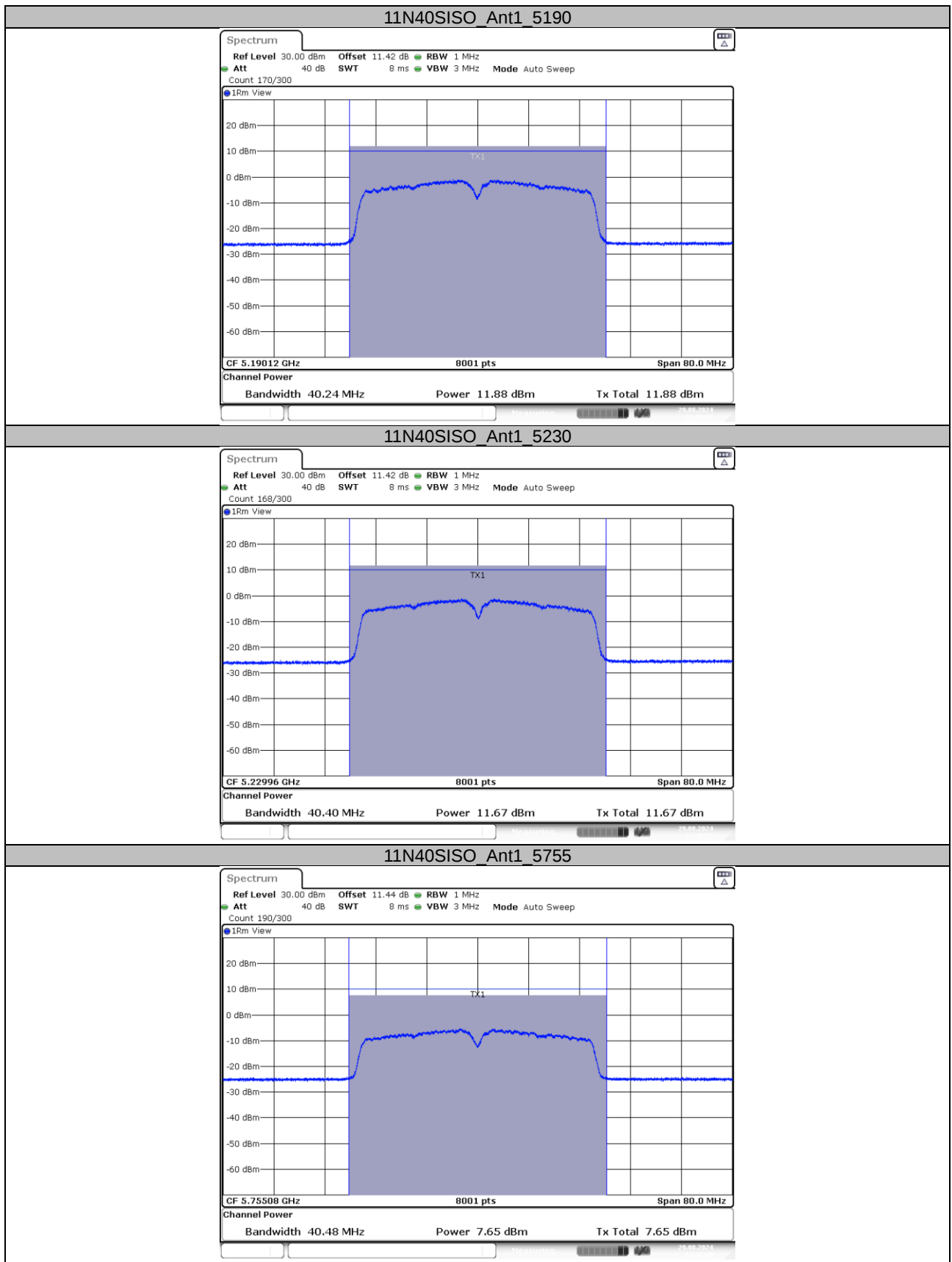
### 11A\_Ant1\_5240

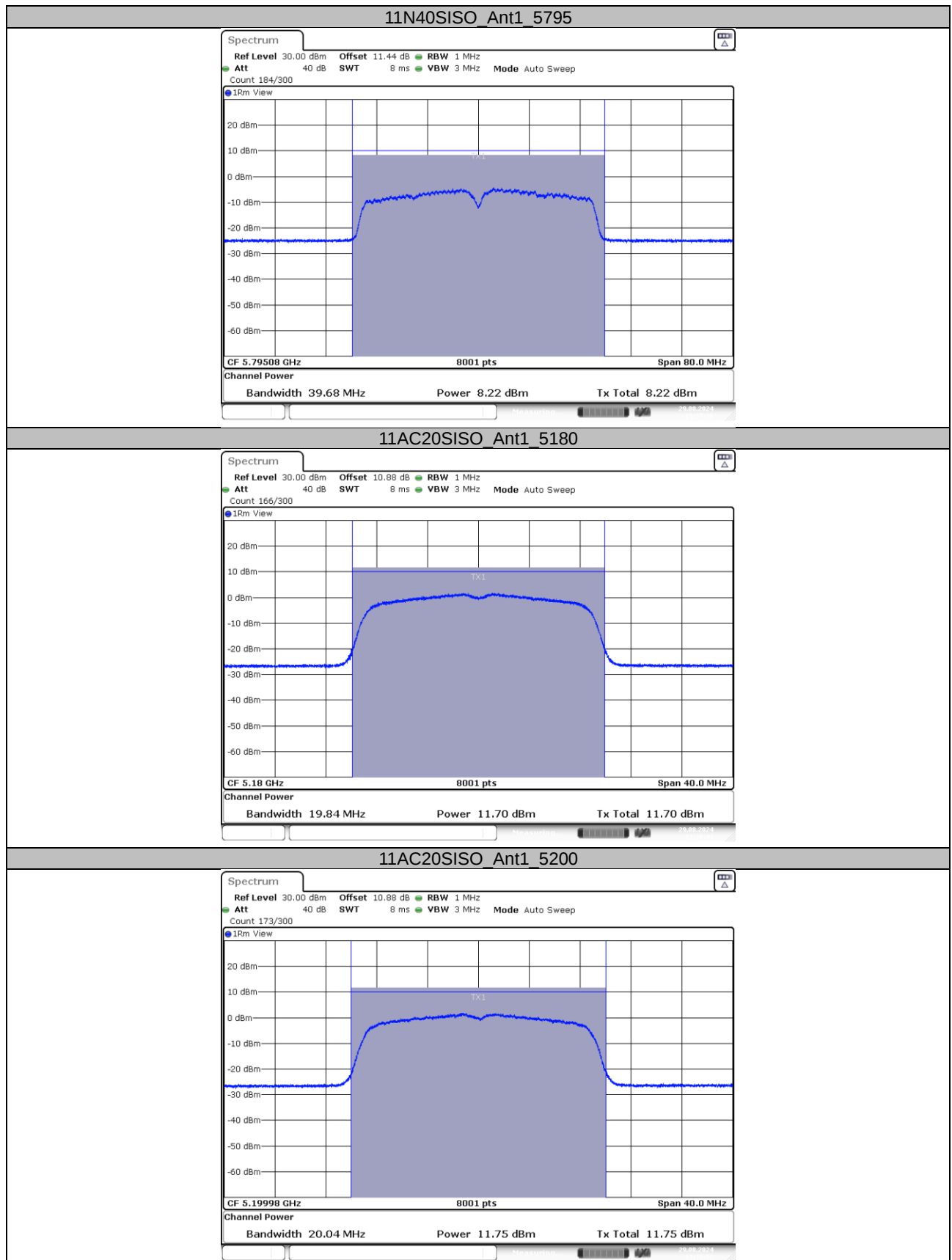


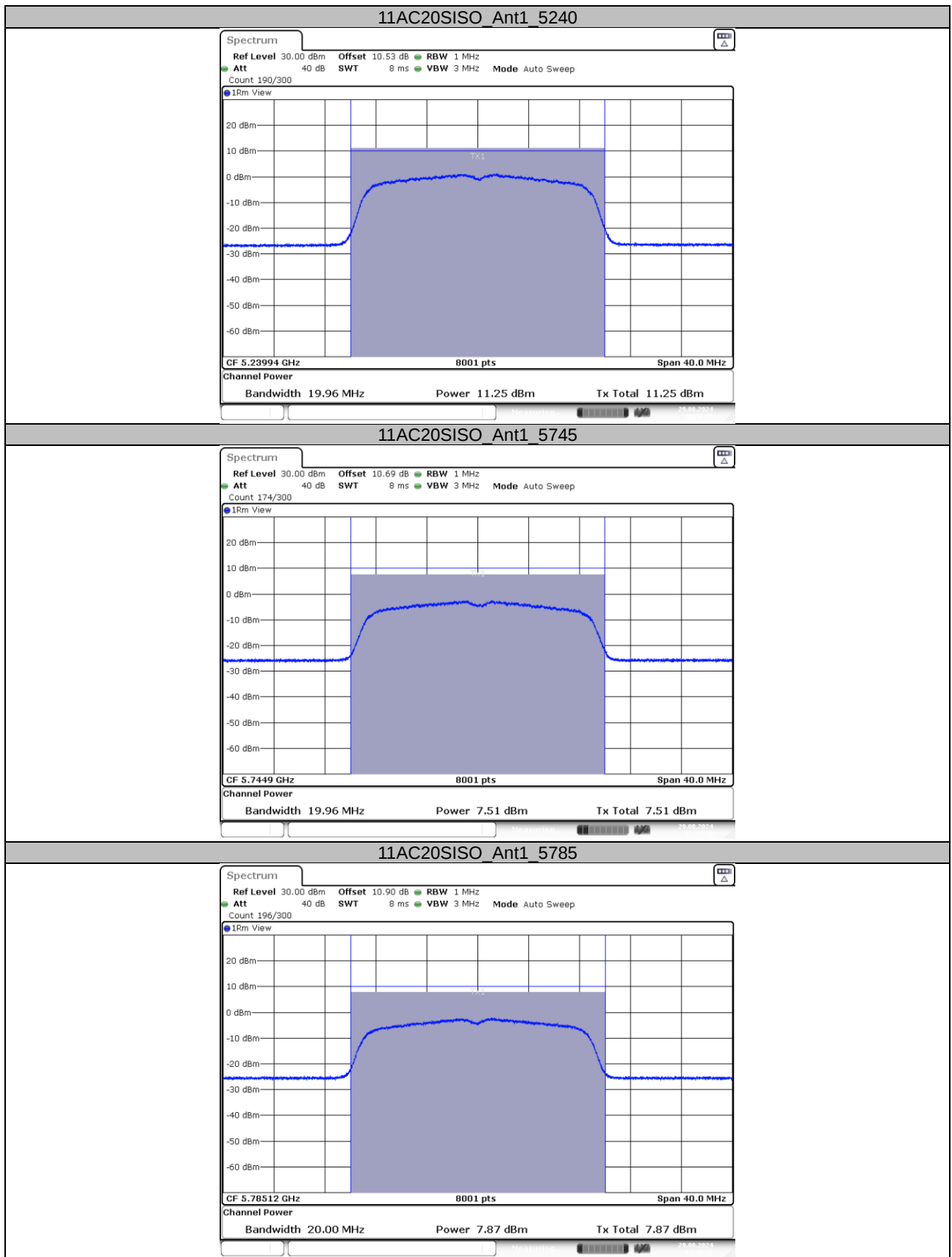


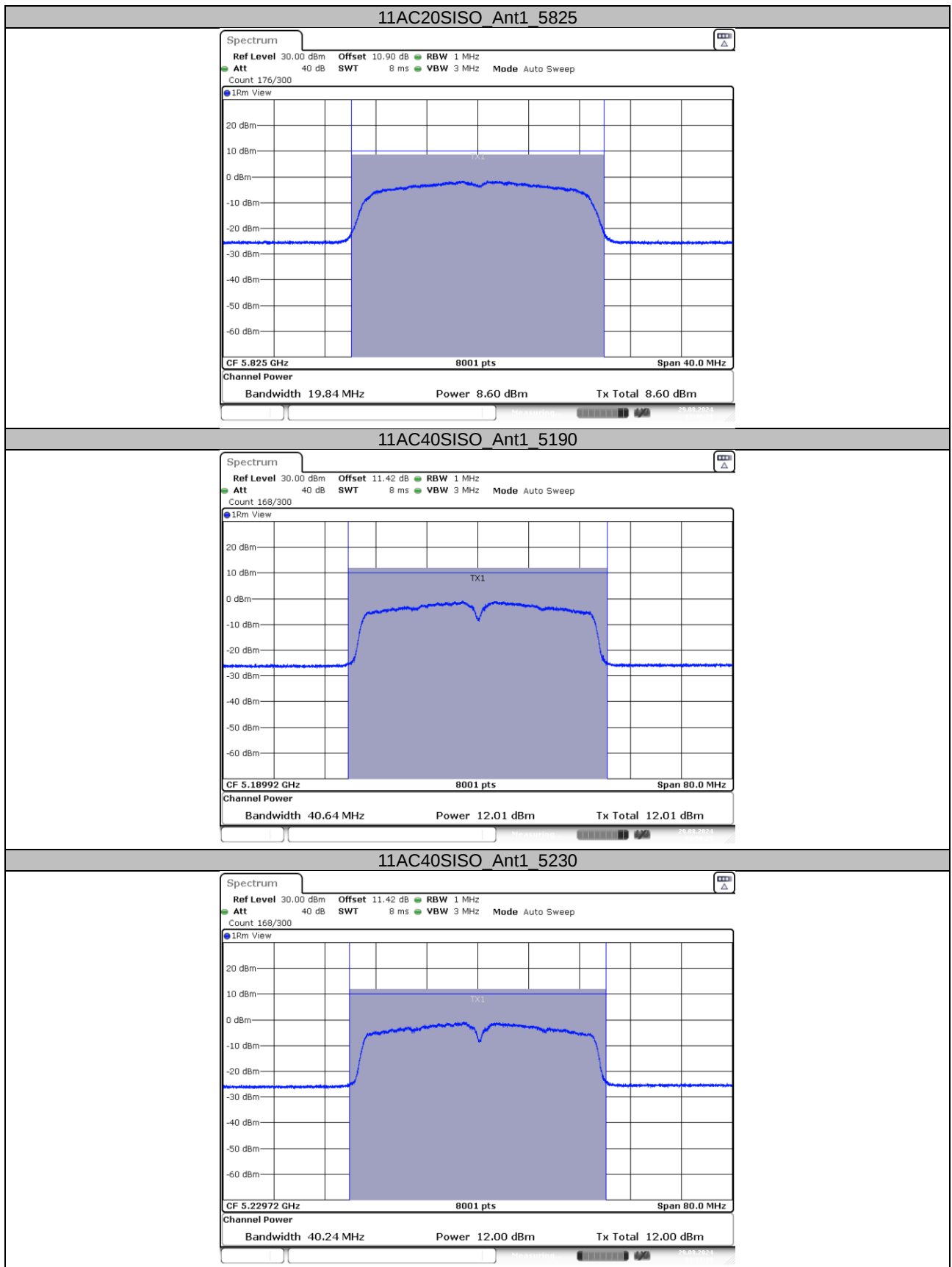


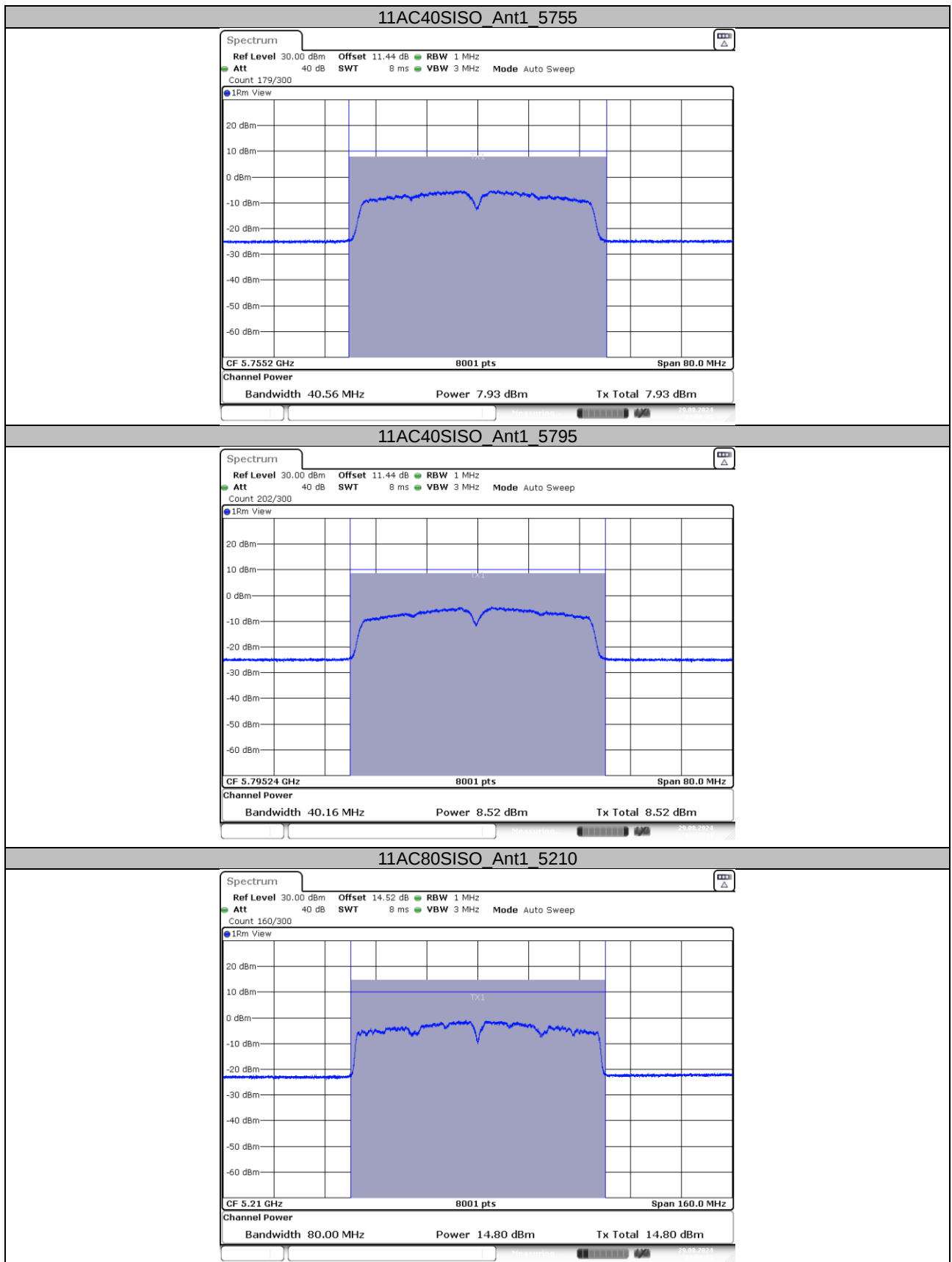


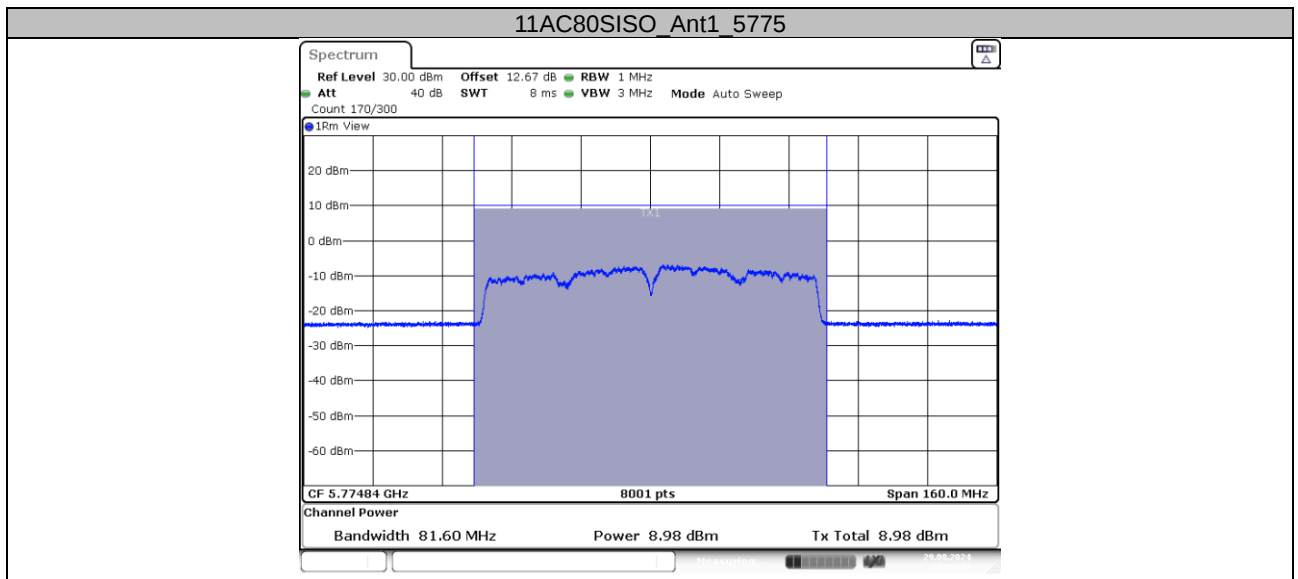










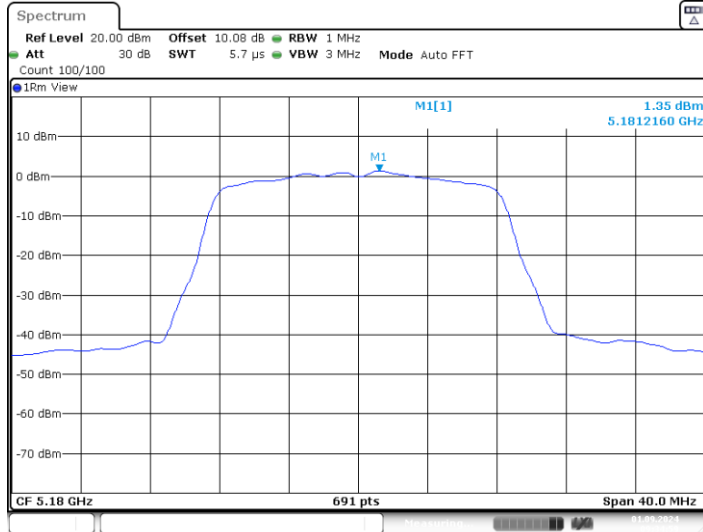


## APPENDIXG - POWER SPECTRAL DENSITY

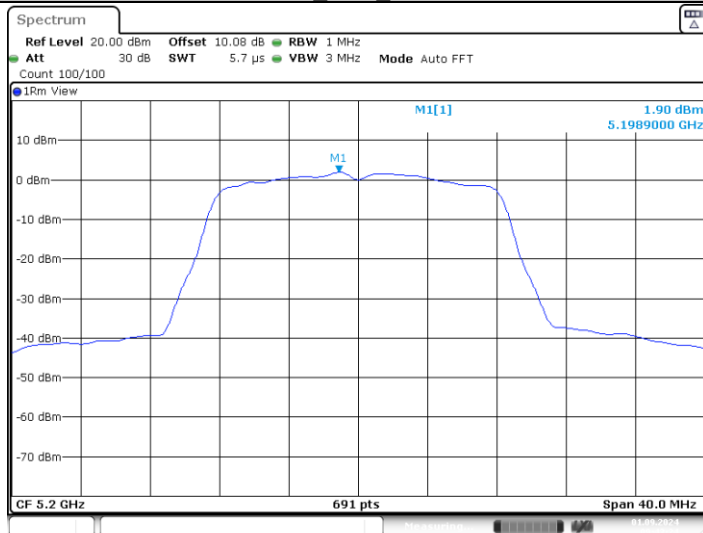
| TestMode   | Antenna | Freq(MHz) | Result [dBm/MHz] | Limit[dBm/MHz] | Verdict |
|------------|---------|-----------|------------------|----------------|---------|
| 11A        | Ant1    | 5180      | 1.35             | ≤11.00         | PASS    |
|            |         | 5200      | 1.90             | ≤11.00         | PASS    |
|            |         | 5240      | 1.40             | ≤11.00         | PASS    |
|            |         | 5745      | -4.26            | ≤30.00         | PASS    |
|            |         | 5785      | -4.17            | ≤30.00         | PASS    |
|            |         | 5825      | -3.70            | ≤30.00         | PASS    |
| 11N20SISO  | Ant1    | 5180      | 1.92             | ≤11.00         | PASS    |
|            |         | 5200      | 2.22             | ≤11.00         | PASS    |
|            |         | 5240      | 1.09             | ≤11.00         | PASS    |
|            |         | 5745      | -3.38            | ≤30.00         | PASS    |
|            |         | 5785      | -3.34            | ≤30.00         | PASS    |
|            |         | 5825      | -3.07            | ≤30.00         | PASS    |
| 11N40SISO  | Ant1    | 5190      | 0.12             | ≤11.00         | PASS    |
|            |         | 5230      | 0.75             | ≤11.00         | PASS    |
|            |         | 5755      | -7.68            | ≤30.00         | PASS    |
|            |         | 5795      | -7.53            | ≤30.00         | PASS    |
| 11AC20SISO | Ant1    | 5180      | 0.88             | ≤11.00         | PASS    |
|            |         | 5200      | 1.36             | ≤11.00         | PASS    |
|            |         | 5240      | 0.49             | ≤11.00         | PASS    |
|            |         | 5745      | -5.97            | ≤30.00         | PASS    |
|            |         | 5785      | -5.71            | ≤30.00         | PASS    |
|            |         | 5825      | -5.17            | ≤30.00         | PASS    |
| 11AC40SISO | Ant1    | 5190      | -1.22            | ≤11.00         | PASS    |
|            |         | 5230      | -1.66            | ≤11.00         | PASS    |
|            |         | 5755      | -8.14            | ≤30.00         | PASS    |
|            |         | 5795      | -7.42            | ≤30.00         | PASS    |
| 11AC80SISO | Ant1    | 5210      | -4.13            | ≤11.00         | PASS    |
|            |         | 5775      | -10.98           | ≤30.00         | PASS    |

Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.  
2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

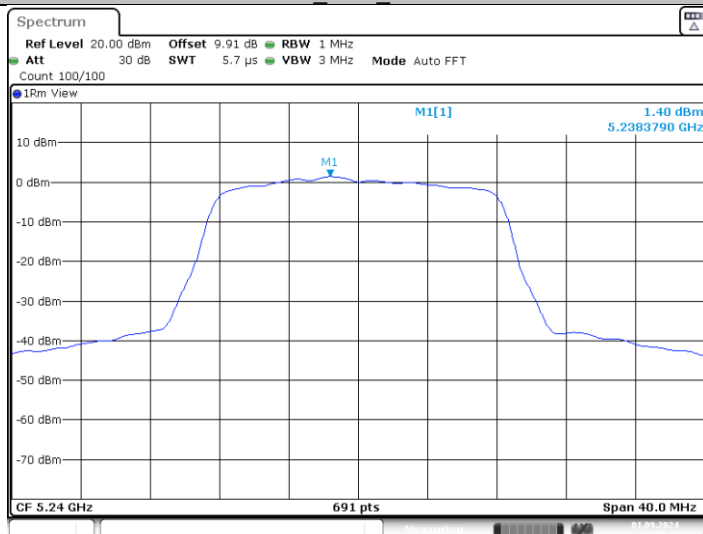
## 11A\_Ant1\_5180

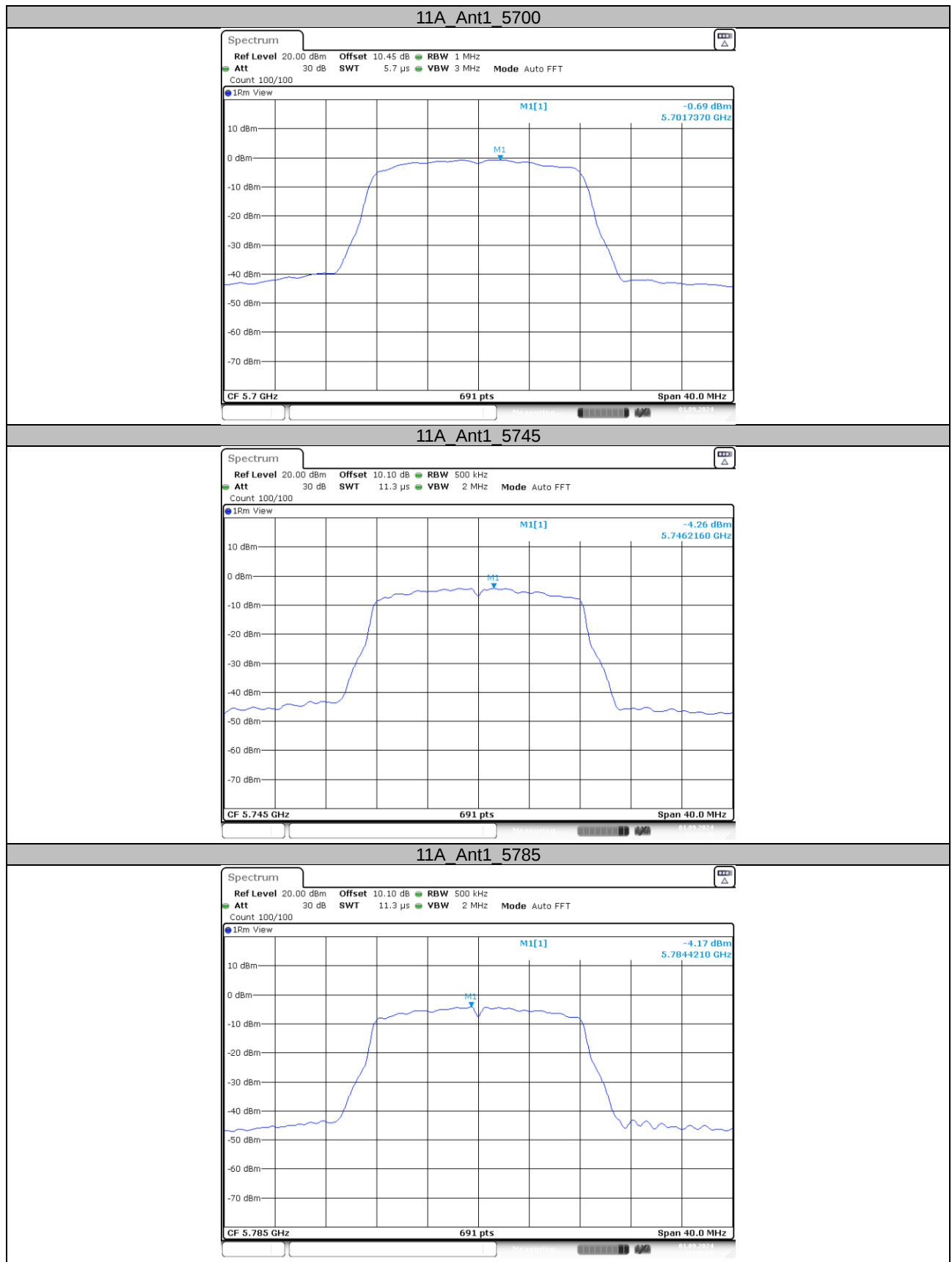


## 11A\_Ant1\_5200

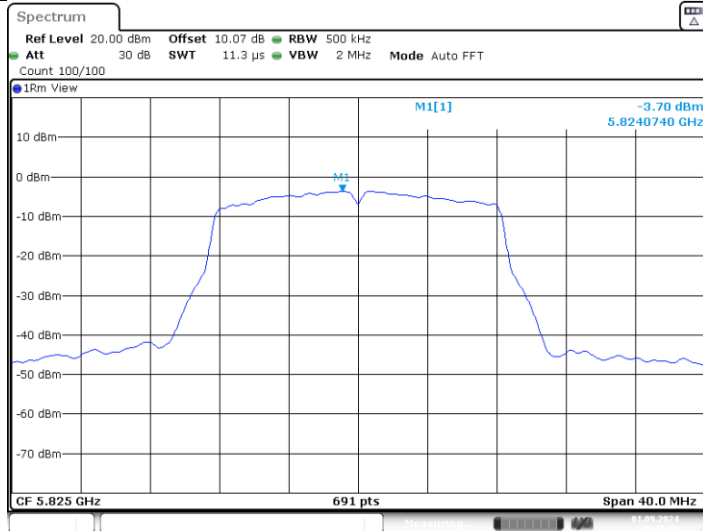


## 11A\_Ant1\_5240

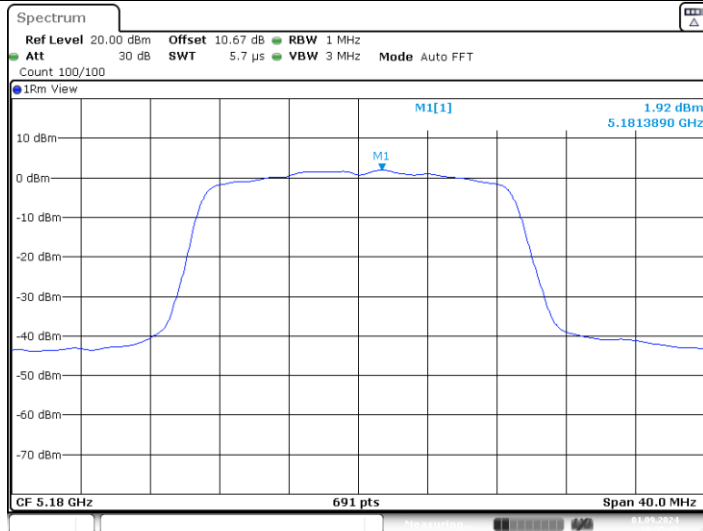




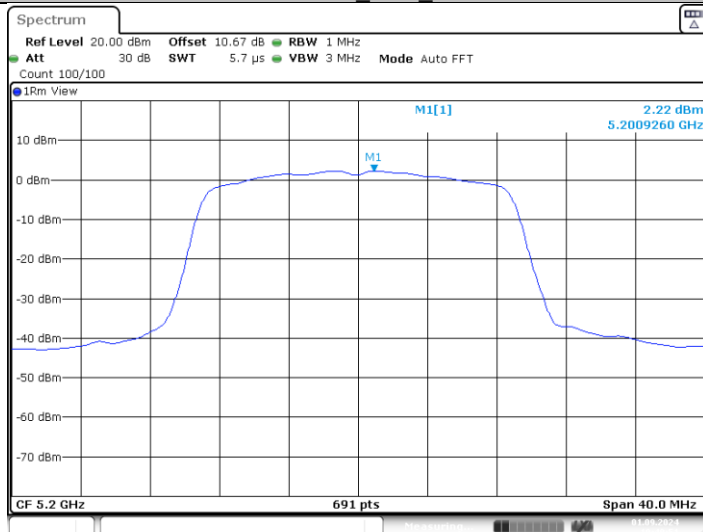
## 11A\_Ant1\_5825



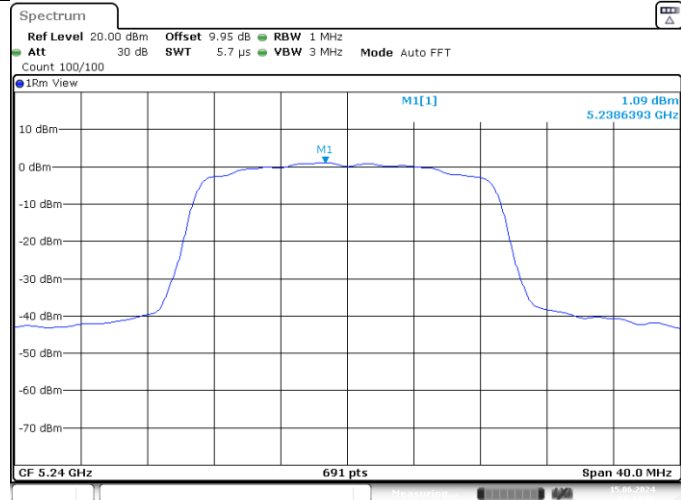
## 11N20SISO\_Ant1\_5180



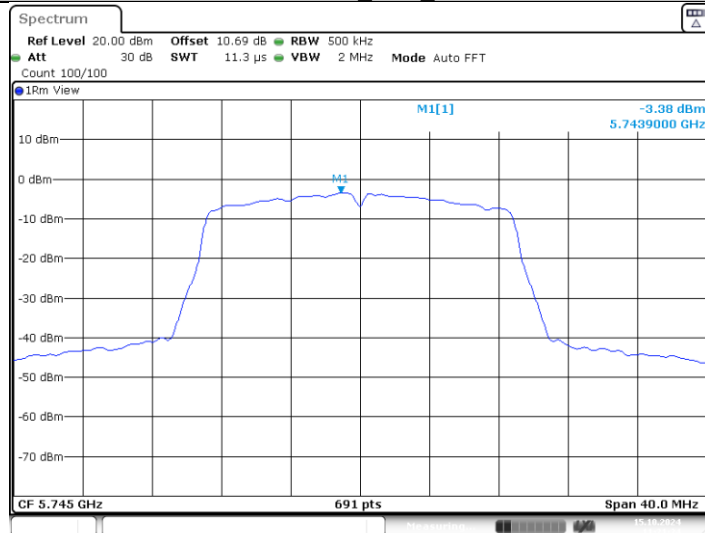
## 11N20SISO\_Ant1\_5200



## 11N20SISO\_Ant1\_5240



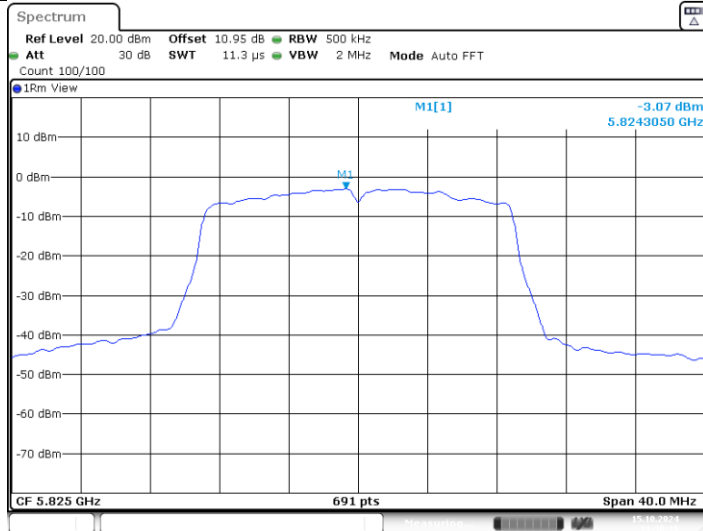
## 11N20SISO\_Ant1\_5745



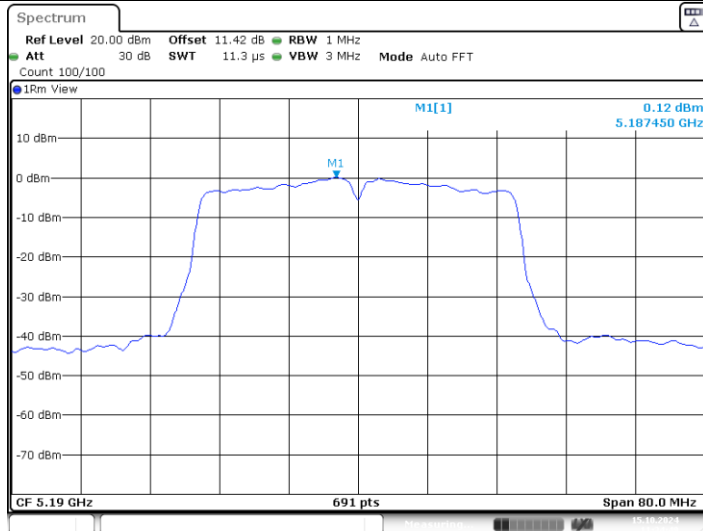
## 11N20SISO\_Ant1\_5785



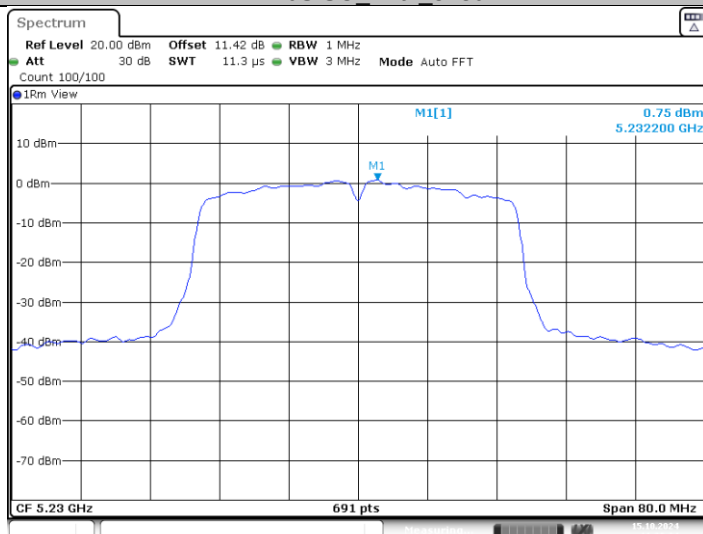
## 11N20SISO\_Ant1\_5825

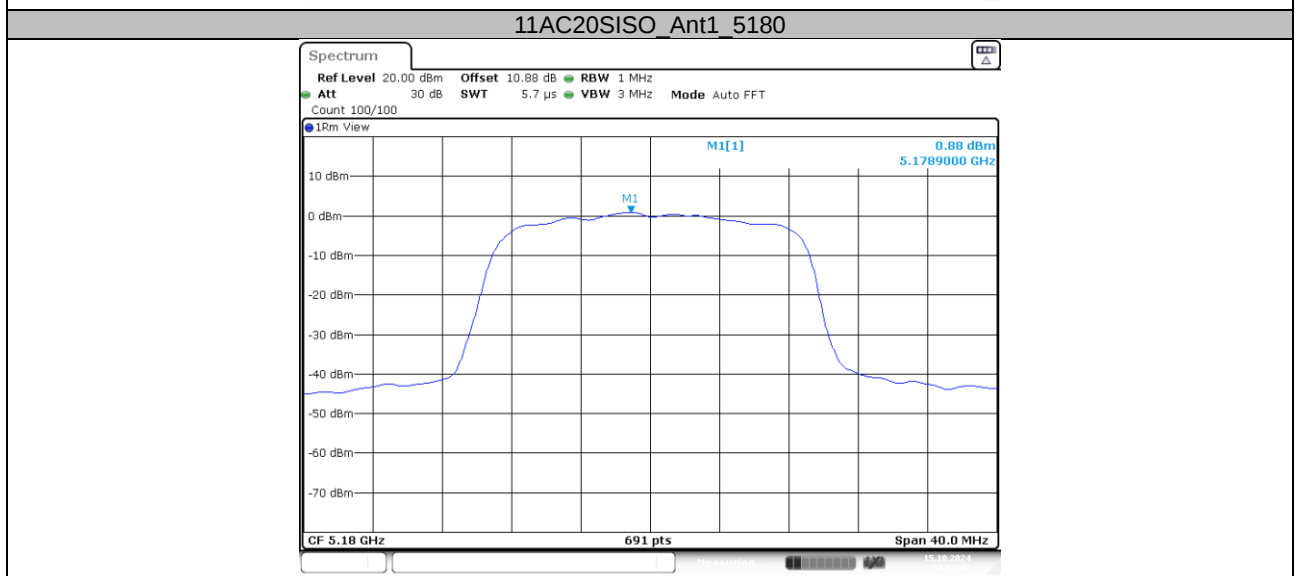
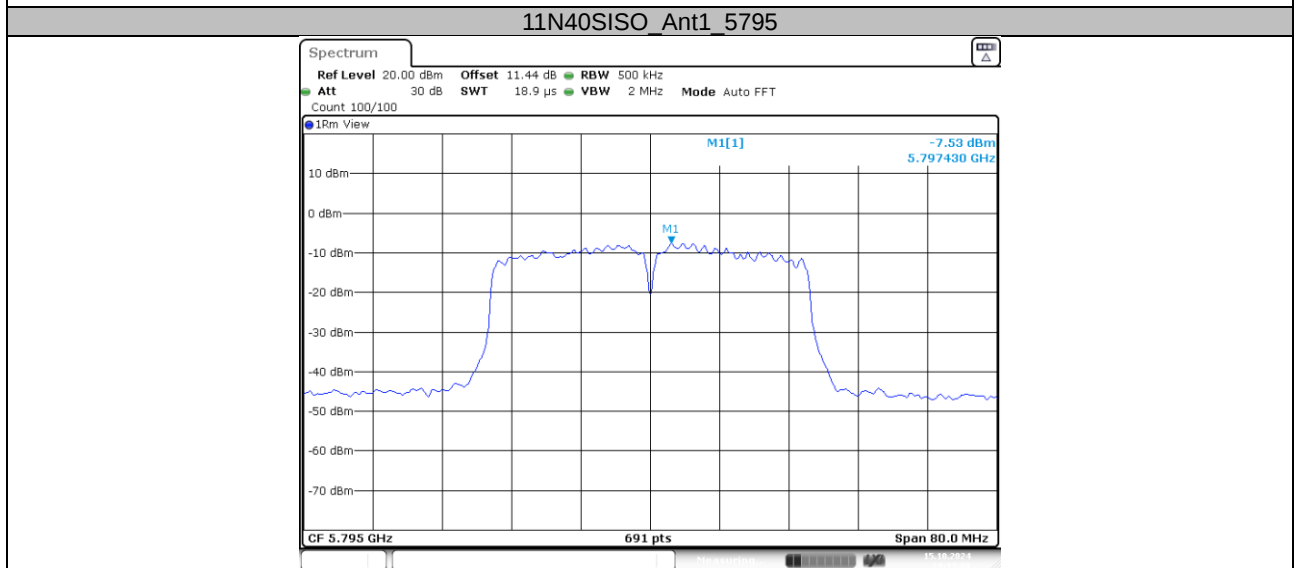
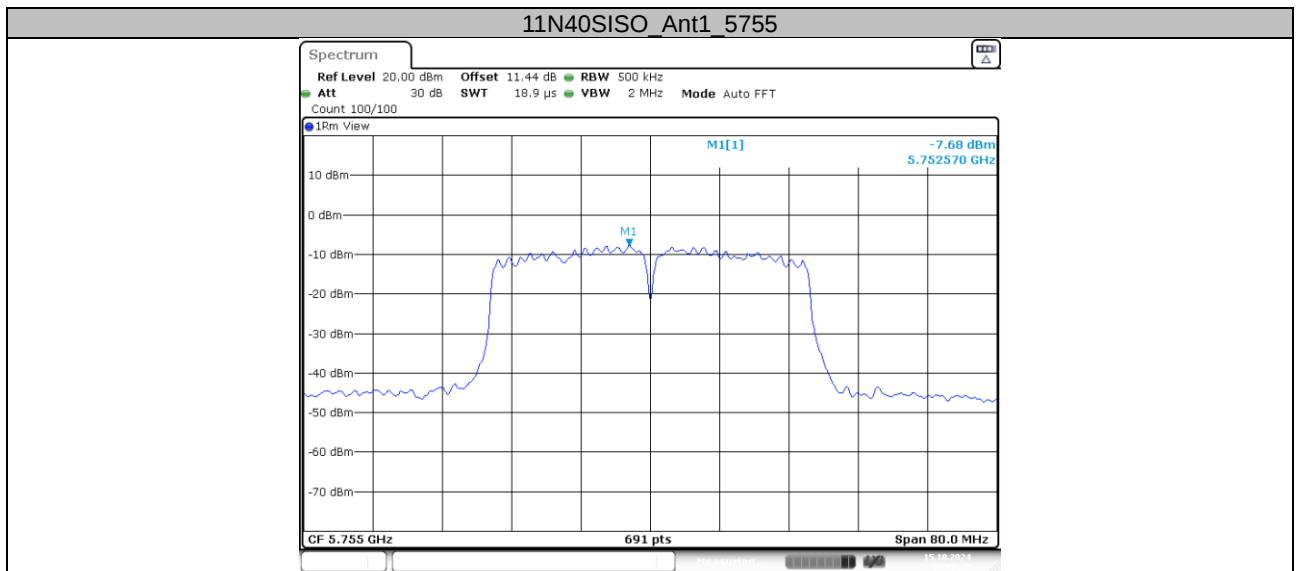


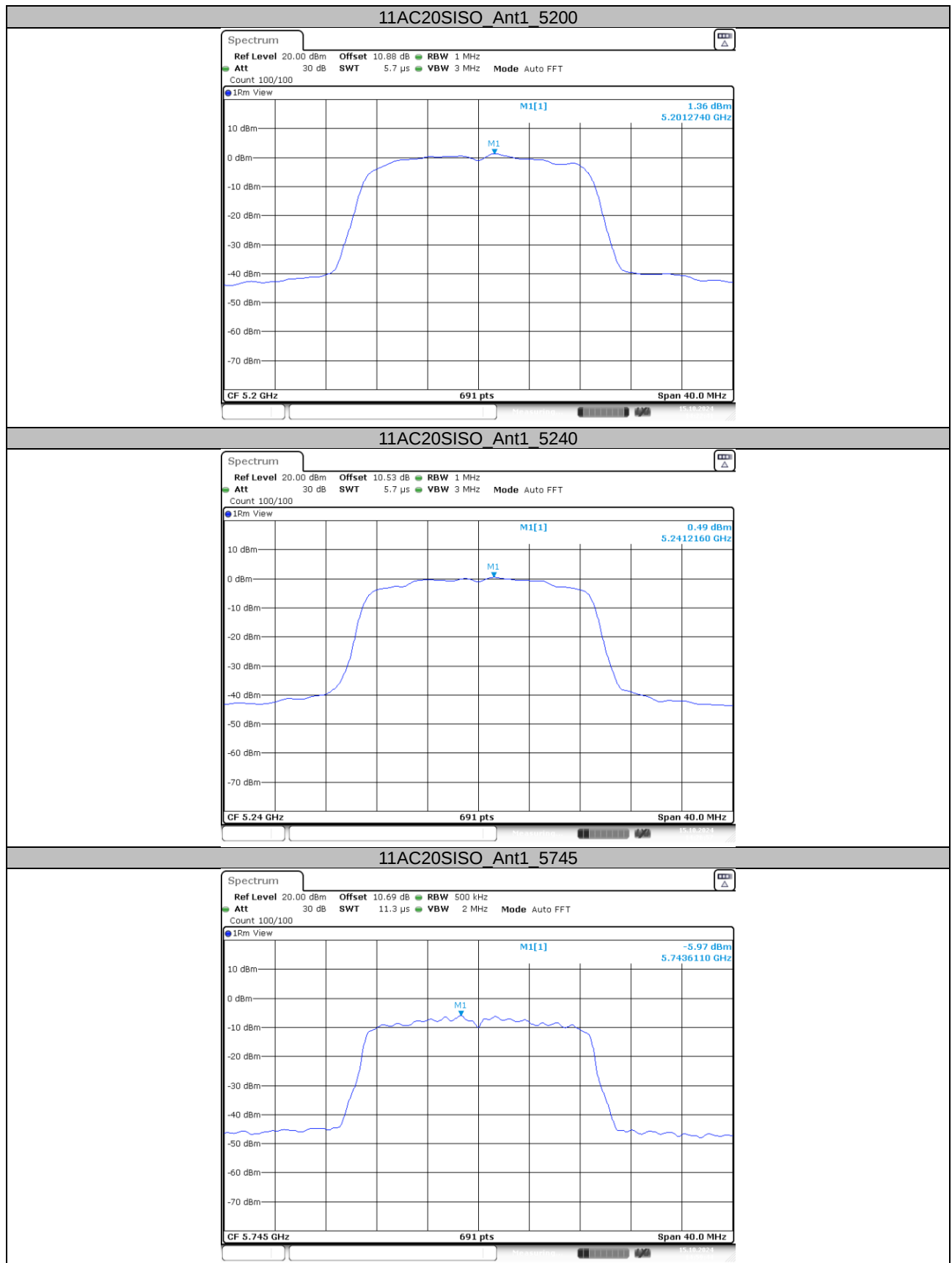
## 11N40SISO\_Ant1\_5190



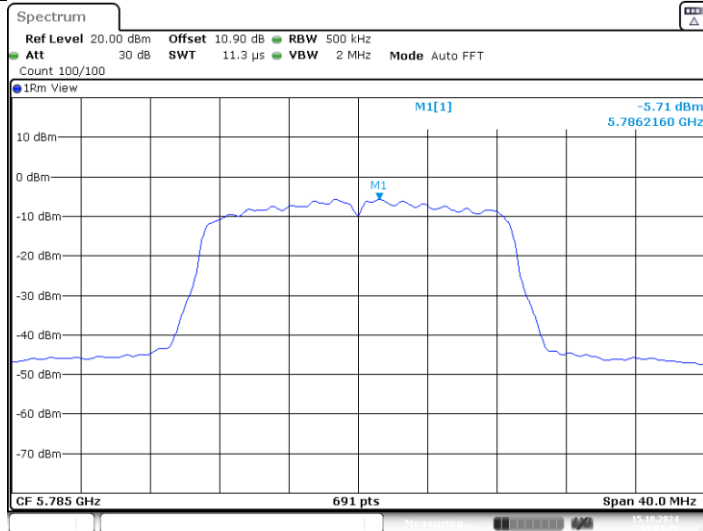
## 11N40SISO\_Ant1\_5230



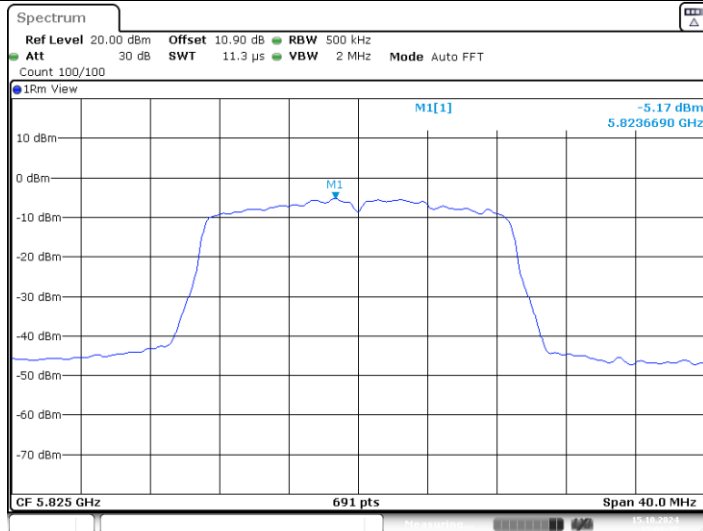




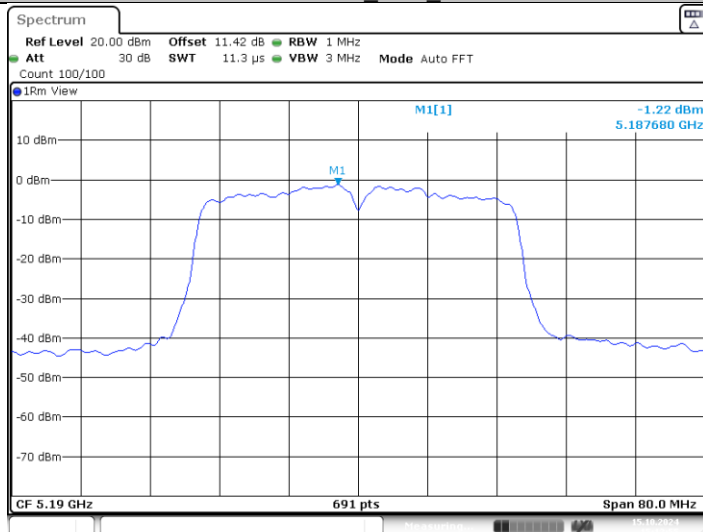
## 11AC20SISO\_Ant1\_5785

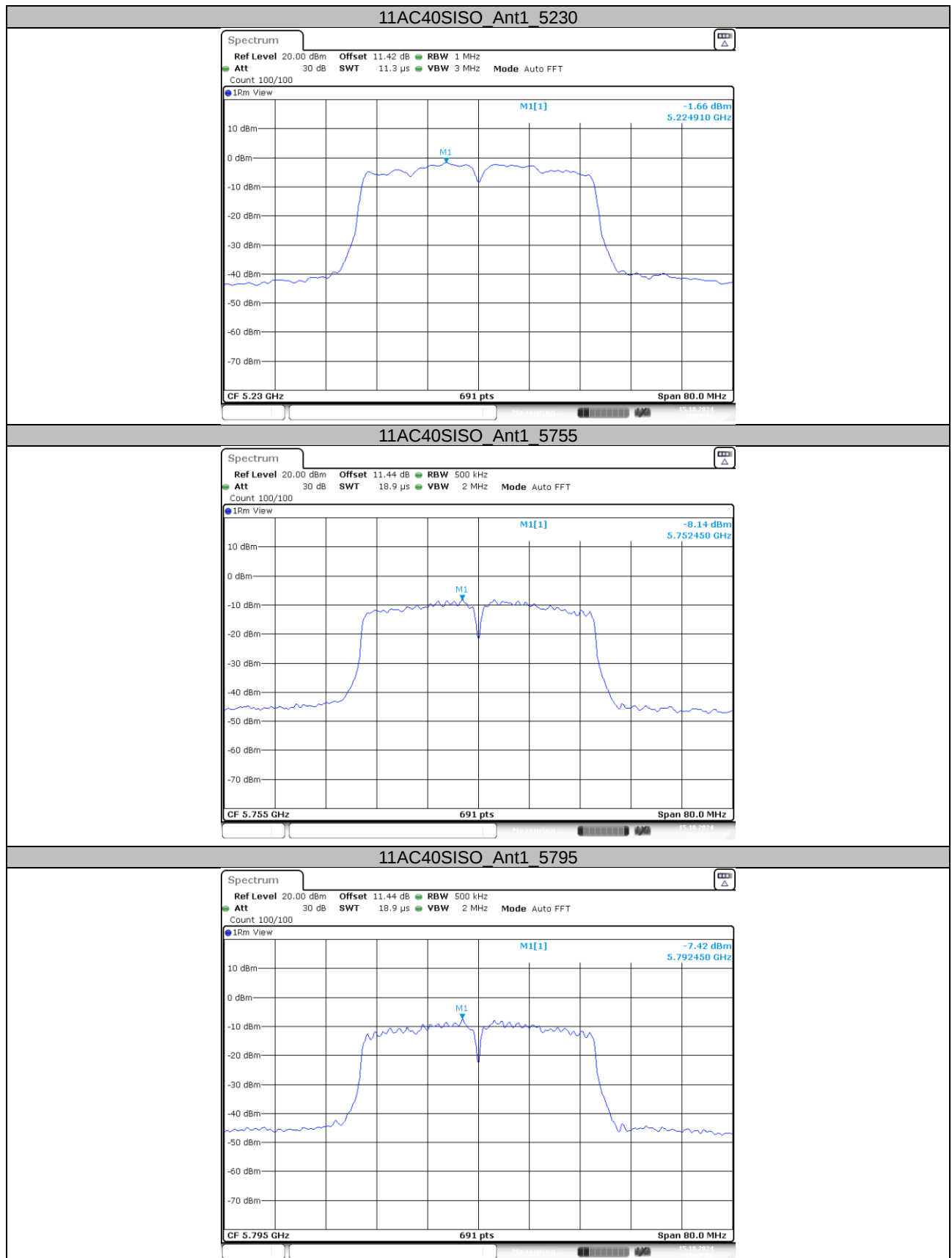


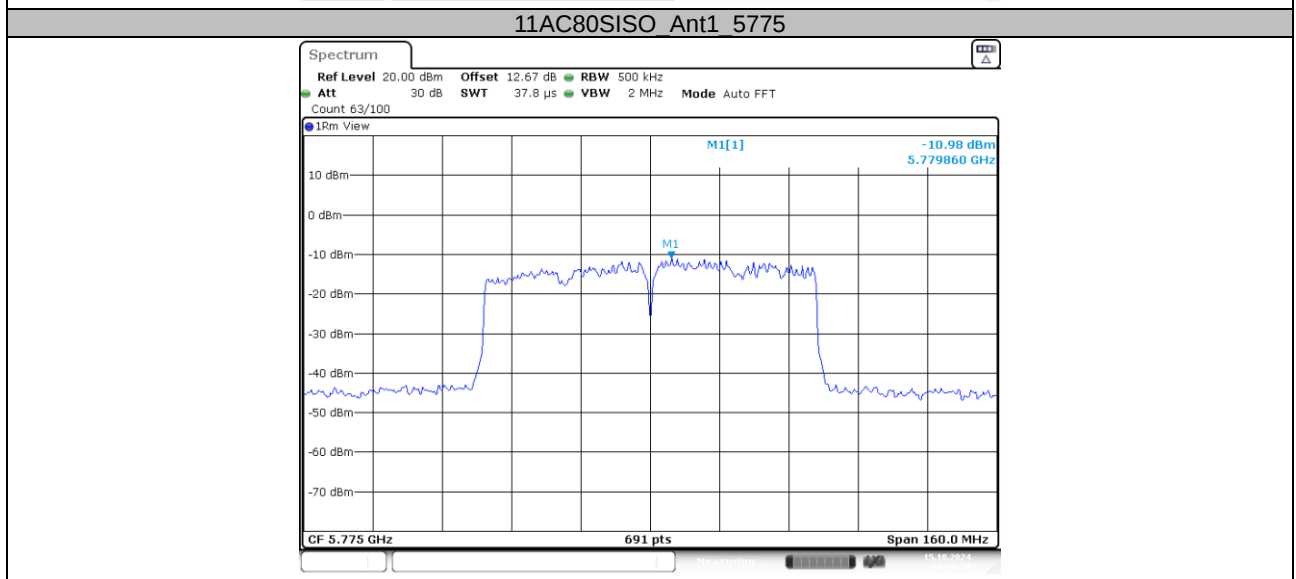
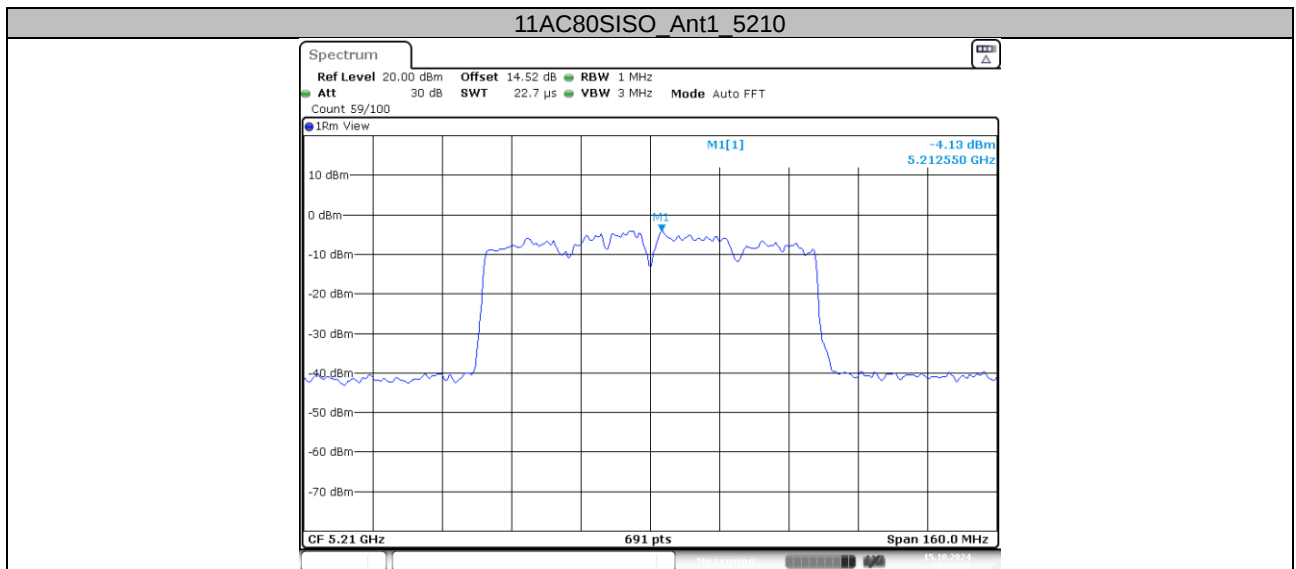
## 11AC20SISO\_Ant1\_5825



## 11AC40SISO\_Ant1\_5190







## APPENDIX H - Frequency Stability

| TestMode   | Antenna | Freq(MHz) | Voltage       |                  |                |                 |             | Verdict |
|------------|---------|-----------|---------------|------------------|----------------|-----------------|-------------|---------|
|            |         |           | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) |         |
| 11A        | Ant1    | 5180      | NV            | NT               | -20000.00      | -3.861004       | 20          | PASS    |
|            |         |           | LV            | NT               | -20000.00      | -3.861004       | 20          | PASS    |
|            |         |           | HV            | NT               | -20000.00      | -3.861004       | 20          | PASS    |
|            |         | 5200      | NV            | NT               | -20000.00      | -3.846154       | 20          | PASS    |
|            |         |           | LV            | NT               | 0.00           | 0.000000        | 20          | PASS    |
|            |         |           | HV            | NT               | -20000.00      | -3.846154       | 20          | PASS    |
|            |         | 5240      | NV            | NT               | -20000.00      | -3.816794       | 20          | PASS    |
|            |         |           | LV            | NT               | -20000.00      | -3.816794       | 20          | PASS    |
|            |         |           | HV            | NT               | 0.00           | 0.000000        | 20          | PASS    |
|            |         | 5745      | NV            | NT               | -20000.00      | -3.481288       | 20          | PASS    |
|            |         |           | LV            | NT               | -20000.00      | -3.481288       | 20          | PASS    |
|            |         |           | HV            | NT               | -20000.00      | -3.481282       | 20          | PASS    |
|            |         | 5785      | NV            | NT               | -40000.00      | -6.914434       | 20          | PASS    |
|            |         |           | LV            | NT               | -20000.00      | -3.457217       | 20          | PASS    |
|            |         |           | HV            | NT               | -40000.00      | -6.914434       | 20          | PASS    |
|            |         | 5825      | NV            | NT               | -20000.00      | -3.433476       | 20          | PASS    |
|            |         |           | LV            | NT               | -40000.00      | -6.914431       | 20          | PASS    |
|            |         |           | HV            | NT               | -20000.00      | -3.433476       | 20          | PASS    |
| 11N20SISO  | Ant1    | 5180      | NV            | NT               | -20000.00      | -3.861004       | 20          | PASS    |
|            |         |           | LV            | NT               | -20000.00      | -3.861004       | 20          | PASS    |
|            |         |           | HV            | NT               | -20000.00      | -3.861004       | 20          | PASS    |
|            |         | 5200      | NV            | NT               | -40000.00      | -7.532951       | 20          | PASS    |
|            |         |           | LV            | NT               | -40000.00      | -7.259521       | 20          | PASS    |
|            |         |           | HV            | NT               | -20000.00      | -3.846154       | 20          | PASS    |
|            |         | 5240      | NV            | NT               | -40000.00      | -7.207201       | 20          | PASS    |
|            |         |           | LV            | NT               | -40000.00      | -7.054672       | 20          | PASS    |
|            |         |           | HV            | NT               | -40000.00      | -7.207201       | 20          | PASS    |
|            |         | 5745      | NV            | NT               | -20000.00      | -3.481288       | 20          | PASS    |
|            |         |           | LV            | NT               | -40000.00      | -6.962576       | 20          | PASS    |
|            |         |           | HV            | NT               | -40000.00      | -6.962576       | 20          | PASS    |
|            |         | 5785      | 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               | -20000.00      | -3.457217       | 20          | PASS    |
|            |         |           | LV            | NT               | -20000.00      | -3.433476       | 20          | PASS    |
|            |         |           | HV            | NT               | -20000.00      | -3.433476       | 20          | PASS    |
| 11N40SISO  | Ant1    | 5190      | NV            | NT               | -80000.00      | -15.414258      | 20          | PASS    |
|            |         |           | LV            | NT               | -80000.00      | -15.414258      | 20          | PASS    |
|            |         |           | HV            | NT               | -40000.00      | -7.707129       | 20          | PASS    |
|            |         | 5230      | NV            | NT               | -40000.00      | -7.648184       | 20          | PASS    |
|            |         |           | LV            | NT               | -20000.00      | -3.846152       | 20          | PASS    |
|            |         |           | HV            | NT               | -20000.00      | -3.846151       | 20          | PASS    |
|            |         | 5755      | NV            | NT               | -20000.00      | -3.846154       | 20          | PASS    |
|            |         |           | LV            | NT               | -40000.00      | -7.633583       | 20          | PASS    |
|            |         |           | HV            | NT               | -40000.00      | -6.950472       | 20          | PASS    |
|            |         | 5795      | NV            | NT               | 40000.00       | 6.902501        | 20          | PASS    |
|            |         |           | LV            | NT               | 40000.00       | 6.902502        | 20          | PASS    |
|            |         |           | HV            | NT               | 40000.00       | 6.902505        | 20          | PASS    |
| 11AC20SISO | Ant1    | 5180      | NV            | NT               | -20000.00      | -3.861004       | 20          | PASS    |
|            |         |           | LV            | NT               | -20000.00      | -3.861004       | 20          | PASS    |
|            |         |           | HV            | NT               | -20000.00      | -3.861004       | 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               | -20000.00      | -3.846154       | 20          | PASS    |
|            |         |           | LV            | NT               | -40000.00      | -7.633588       | 20          | PASS    |
|            |         |           | HV            | NT               | -20000.00      | -3.816794       | 20          | PASS    |
|            |         | 5745      | NV            | NT               | -20000.00      | -3.481288       | 20          | PASS    |
|            |         |           | LV            | NT               | -20000.00      | -3.481288       | 20          | PASS    |
|            |         |           | HV            | NT               | -20000.00      | -3.481288       | 20          | PASS    |

|                |      |      |    |    |           |           |    |      |
|----------------|------|------|----|----|-----------|-----------|----|------|
|                |      | 5785 | HV | NT | -20000.00 | -3.481288 | 20 | PASS |
|                |      |      | NV | NT | 0.00      | 0.000000  | 20 | PASS |
|                |      |      | LV | NT | -40000.00 | -6.914434 | 20 | PASS |
|                |      | 5825 | HV | NT | 0.00      | 0.000000  | 20 | PASS |
|                |      |      | NV | NT | 0.00      | 0.000000  | 20 | PASS |
|                |      |      | LV | NT | -20000.00 | -3.433476 | 20 | PASS |
|                |      |      | HV | NT | -20000.00 | -3.433476 | 20 | PASS |
|                |      |      | NV | NT | 0.00      | 0.000000  | 20 | PASS |
|                |      |      | LV | NT | -40000.00 | -7.707129 | 20 | PASS |
| 11AC40SI<br>SO | Ant1 | 5190 | HV | NT | -40000.00 | -7.707129 | 20 | PASS |
|                |      |      | NV | NT | -20000.00 | -3.787872 | 20 | PASS |
|                |      |      | LV | NT | -40000.00 | -7.575751 | 20 | PASS |
|                |      | 5230 | HV | NT | -20000.00 | -3.787870 | 20 | PASS |
|                |      |      | NV | NT | -20000.00 | -3.759391 | 20 | PASS |
|                |      |      | LV | NT | -20000.00 | -3.787873 | 20 | PASS |
|                |      | 5755 | HV | NT | -40000.00 | -6.950471 | 20 | PASS |
|                |      |      | NV | NT | 0.00      | 0.000000  | 20 | PASS |
|                |      |      | LV | NT | -40000.00 | -6.902502 | 20 | PASS |
|                |      | 5795 | HV | NT | 0.00      | 0.000000  | 20 | PASS |
|                |      |      | NV | NT | -20000.00 | -3.584221 | 20 | PASS |
|                |      |      | LV | NT | -20000.00 | -3.584227 | 20 | PASS |
| 11AC80SI<br>SO | Ant1 | 5210 | HV | NT | -20000.00 | -3.584223 | 20 | PASS |
|                |      |      | NV | NT | -20000.00 | -3.508772 | 20 | PASS |
|                |      |      | LV | NT | -20000.00 | -3.481281 | 20 | PASS |
|                |      | 5775 | HV | NT | -20000.00 | -3.481281 | 20 | PASS |
|                |      |      | NV | NT | -20000.00 | -3.508772 | 20 | PASS |
|                |      |      | LV | NT | -20000.00 | -3.481281 | 20 | PASS |

| Temperature |         |           |               |                  |                |                 |             |         |
|-------------|---------|-----------|---------------|------------------|----------------|-----------------|-------------|---------|
| TestMode    | Antenna | Freq(MHz) | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| 11A         | Ant1    | 5180      | NV            | -30              | -20000.00      | -3.861004       | 20          | PASS    |
|             |         |           | NV            | -20              | -20000.00      | -3.861004       | 20          | PASS    |
|             |         |           | NV            | -10              | 0.00           | 0.000000        | 20          | PASS    |
|             |         |           | NV            | 0                | -40000.00      | -7.722008       | 20          | PASS    |
|             |         |           | NV            | 10               | -20000.00      | -3.861004       | 20          | PASS    |
|             |         |           | NV            | 20               | 0.00           | 0.000000        | 20          | PASS    |
|             |         |           | NV            | 30               | -20000.00      | -3.861004       | 20          | PASS    |
|             |         |           | NV            | 40               | -20000.00      | -3.861004       | 20          | PASS    |
|             |         |           | NV            | 50               | -40000.00      | -7.722008       | 20          | PASS    |
|             |         | 5200      | NV            | -30              | -40000.00      | -7.692308       | 20          | PASS    |
|             |         |           | NV            | -20              | -20000.00      | -3.846154       | 20          | PASS    |
|             |         |           | NV            | -10              | -40000.00      | -7.692308       | 20          | PASS    |
|             |         |           | NV            | 0                | -20000.00      | -3.846154       | 20          | PASS    |
|             |         |           | NV            | 10               | -20000.00      | -3.846154       | 20          | PASS    |
|             |         |           | NV            | 20               | -20000.00      | -3.846154       | 20          | PASS    |
|             |         |           | NV            | 30               | -20000.00      | -3.846154       | 20          | PASS    |
|             |         |           | NV            | 40               | -20000.00      | -3.846154       | 20          | PASS    |
|             |         |           | NV            | 50               | -20000.00      | -3.846154       | 20          | PASS    |
|             |         | 5240      | NV            | -30              | -20000.00      | -3.816794       | 20          | PASS    |
|             |         |           | NV            | -20              | 0.00           | 0.000000        | 20          | PASS    |
|             |         |           | NV            | -10              | -20000.00      | -3.816794       | 20          | PASS    |
|             |         |           | NV            | 0                | -40000.00      | -7.633588       | 20          | PASS    |
|             |         |           | NV            | 10               | -20000.00      | -3.816794       | 20          | PASS    |
|             |         |           | NV            | 20               | -40000.00      | -7.633588       | 20          | PASS    |
|             |         |           | NV            | 30               | -40000.00      | -7.633588       | 20          | PASS    |
|             |         |           | NV            | 40               | -20000.00      | -3.816794       | 20          | PASS    |
|             |         |           | NV            | 50               | -40000.00      | -7.633588       | 20          | PASS    |
|             |         | 5745      | NV            | -30              | -20000.00      | -3.481288       | 20          | PASS    |
|             |         |           | NV            | -20              | -20000.00      | -3.481288       | 20          | PASS    |
|             |         |           | NV            | -10              | -20000.00      | -3.481288       | 20          | PASS    |
|             |         |           | NV            | 0                | -20000.00      | -3.481288       | 20          | PASS    |
|             |         |           | NV            | 10               | -20000.00      | -3.481288       | 20          | PASS    |
|             |         |           | NV            | 20               | -20000.00      | -3.481288       | 20          | PASS    |
|             |         |           | NV            | 30               | 0.00           | 0.000000        | 20          | PASS    |
|             |         |           | NV            | 40               | -20000.00      | -3.481288       | 20          | PASS    |
|             |         |           | NV            | 50               | -20000.00      | -3.481288       | 20          | PASS    |
|             |         | 5785      | NV            | -30              | -20000.00      | -3.457217       | 20          | PASS    |
|             |         |           | NV            | -20              | -20000.00      | -3.457217       | 20          | PASS    |
|             |         |           | NV            | -10              | -20000.00      | -3.457217       | 20          | PASS    |
|             |         |           | NV            | 0                | -20000.00      | -3.457217       | 20          | PASS    |
|             |         |           | NV            | 10               | -20000.00      | -3.457217       | 20          | PASS    |
|             |         |           | NV            | 20               | -20000.00      | -3.457217       | 20          | PASS    |
|             |         |           | NV            | 30               | -20000.00      | -3.457217       | 20          | PASS    |
|             |         |           | NV            | 40               | -20000.00      | -3.457217       | 20          | PASS    |
|             |         |           | NV            | 50               | -20000.00      | -3.457217       | 20          | PASS    |
|             |         | 5825      | NV            | -30              | -20000.00      | -3.433476       | 20          | PASS    |
|             |         |           | NV            | -20              | -20000.00      | -3.433476       | 20          | PASS    |
|             |         |           | NV            | -10              | -20000.00      | -3.433476       | 20          | PASS    |
|             |         |           | NV            | 0                | -20000.00      | -3.433476       | 20          | PASS    |
|             |         |           | NV            | 10               | -40000.00      | -6.866953       | 20          | PASS    |
|             |         |           | NV            | 20               | -40000.00      | -6.866953       | 20          | PASS    |
|             |         |           | NV            | 30               | -20000.00      | -3.433476       | 20          | PASS    |
|             |         |           | NV            | 40               | 20000.00       | 3.433476        | 20          | PASS    |
|             |         |           | NV            | 50               | -20000.00      | -3.433476       | 20          | PASS    |
| 11N20SISO   | Ant1    | 5180      | NV            | -30              | 0.00           | 0.000000        | 20          | PASS    |
|             |         |           | NV            | -20              | -40000.00      | -7.722008       | 20          | PASS    |
|             |         |           | NV            | -10              | -20000.00      | -3.861004       | 20          | PASS    |
|             |         |           | NV            | 0                | -40000.00      | -7.722008       | 20          | PASS    |
|             |         |           | NV            | 10               | -40000.00      | -7.722008       | 20          | PASS    |
|             |         |           | NV            | 20               | -40000.00      | -7.722008       | 20          | PASS    |
|             |         |           | NV            | 30               | -40000.00      | -7.722008       | 20          | PASS    |
|             |         |           | NV            | 40               | -20000.00      | -3.861004       | 20          | PASS    |

|               |      |      |    |     |           |            |    |      |
|---------------|------|------|----|-----|-----------|------------|----|------|
|               |      | 5200 | NV | 50  | -20000.00 | -3.861004  | 20 | PASS |
|               |      |      | NV | -30 | -40000.00 | -7.692308  | 20 | PASS |
|               |      |      | NV | -20 | 0.00      | 0.000000   | 20 | PASS |
|               |      |      | NV | -10 | -20000.00 | -3.846154  | 20 | PASS |
|               |      |      | NV | 0   | -40000.00 | -7.692308  | 20 | PASS |
|               |      |      | NV | 10  | -20000.00 | -3.846154  | 20 | PASS |
|               |      |      | NV | 20  | -20000.00 | -3.846154  | 20 | PASS |
|               |      |      | NV | 30  | 0.00      | 0.000000   | 20 | PASS |
|               |      |      | NV | 40  | -40000.00 | -7.692308  | 20 | PASS |
|               |      | 5240 | NV | 50  | -40000.00 | -7.692308  | 20 | PASS |
|               |      |      | NV | -30 | 0.00      | 0.000000   | 20 | PASS |
|               |      |      | NV | -20 | 0.00      | 0.000000   | 20 | PASS |
|               |      |      | NV | -10 | 0.00      | 0.000000   | 20 | PASS |
|               |      |      | NV | 0   | 0.00      | 0.000000   | 20 | PASS |
|               |      |      | NV | 10  | 0.00      | 0.000000   | 20 | PASS |
|               |      |      | NV | 20  | 0.00      | 0.000000   | 20 | PASS |
|               |      |      | NV | 30  | 0.00      | 0.000000   | 20 | PASS |
|               |      |      | NV | 40  | 0.00      | 0.000000   | 20 | PASS |
|               |      | 5745 | NV | 50  | 0.00      | 0.000000   | 20 | PASS |
|               |      |      | NV | -30 | -20000.00 | -3.481288  | 20 | PASS |
|               |      |      | NV | -20 | -40000.00 | -6.962576  | 20 | PASS |
|               |      |      | NV | -10 | 0.00      | 0.000000   | 20 | PASS |
|               |      |      | NV | 0   | -20000.00 | -3.481288  | 20 | PASS |
|               |      |      | NV | 10  | -20000.00 | -3.481288  | 20 | PASS |
|               |      |      | NV | 20  | -40000.00 | -6.962576  | 20 | PASS |
|               |      |      | NV | 30  | -40000.00 | -6.962576  | 20 | PASS |
|               |      |      | NV | 40  | -40000.00 | -6.962576  | 20 | PASS |
|               |      | 5785 | NV | 50  | 0.00      | 0.000000   | 20 | PASS |
|               |      |      | NV | -30 | -20000.00 | -3.457217  | 20 | PASS |
|               |      |      | NV | -20 | -20000.00 | -3.457217  | 20 | PASS |
|               |      |      | NV | -10 | 0.00      | 0.000000   | 20 | PASS |
|               |      |      | NV | 0   | 0.00      | 0.000000   | 20 | PASS |
|               |      |      | NV | 10  | -20000.00 | -3.457217  | 20 | PASS |
|               |      |      | NV | 20  | -40000.00 | -6.914434  | 20 | PASS |
|               |      |      | NV | 30  | 0.00      | 0.000000   | 20 | PASS |
|               |      |      | NV | 40  | -40000.00 | -6.914434  | 20 | PASS |
|               |      | 5825 | NV | 50  | 0.00      | 0.000000   | 20 | PASS |
|               |      |      | NV | -30 | -20000.00 | -3.433476  | 20 | PASS |
|               |      |      | NV | -20 | -20000.00 | -3.433476  | 20 | PASS |
|               |      |      | NV | -10 | -20000.00 | -3.433476  | 20 | PASS |
|               |      |      | NV | 0   | 0.00      | 0.000000   | 20 | PASS |
|               |      |      | NV | 10  | 0.00      | 0.000000   | 20 | PASS |
|               |      |      | NV | 20  | -40000.00 | -6.866953  | 20 | PASS |
|               |      |      | NV | 30  | 0.00      | 0.000000   | 20 | PASS |
|               |      |      | NV | 40  | -20000.00 | -3.433476  | 20 | PASS |
| 11N40SIS<br>O | Ant1 | 5190 | NV | 50  | 0.00      | 0.000000   | 20 | PASS |
|               |      |      | NV | -30 | -40000.00 | -7.707129  | 20 | PASS |
|               |      |      | NV | -10 | 0.00      | 0.000000   | 20 | PASS |
|               |      |      | NV | 0   | 0.00      | 0.000000   | 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 | 40  | 0.00      | 0.000000   | 20 | PASS |
|               |      |      | NV | 50  | -40000.00 | -7.707129  | 20 | PASS |
|               |      | 5230 | NV | -30 | 0.00      | 0.000000   | 20 | PASS |
|               |      |      | NV | -20 | 0.00      | 0.000000   | 20 | PASS |
|               |      |      | NV | -10 | -40000.00 | -7.648184  | 20 | PASS |
|               |      |      | NV | 0   | 0.00      | 0.000000   | 20 | PASS |
|               |      |      | NV | 10  | -80000.00 | -15.296367 | 20 | PASS |
|               |      |      | NV | 20  | -40000.00 | -7.648184  | 20 | PASS |
|               |      |      | NV | 30  | -40000.00 | -7.648184  | 20 | PASS |
|               |      |      | NV | 40  | 0.00      | 0.000000   | 20 | PASS |
|               |      |      | NV | 50  | -40000.00 | -7.648184  | 20 | PASS |
|               |      | 5755 | NV | -30 | 0.00      | 0.000000   | 20 | PASS |
|               |      |      | NV | -20 | 0.00      | 0.000000   | 20 | PASS |
|               |      |      | NV | -10 | 0.00      | 0.000000   | 20 | PASS |

|                |      |      |    |     |           |           |    |      |
|----------------|------|------|----|-----|-----------|-----------|----|------|
|                |      |      | NV | 0   | -40000.00 | -6.950478 | 20 | PASS |
|                |      |      | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
|                |      |      | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
|                |      |      | NV | 30  | -40000.00 | -6.950478 | 20 | PASS |
|                |      |      | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
|                |      |      | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
|                |      | 5795 | NV | -30 | 40000.00  | 6.902502  | 20 | PASS |
|                |      |      | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
|                |      |      | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
|                |      |      | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
|                |      |      | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
|                |      |      | NV | 20  | -40000.00 | -6.902502 | 20 | PASS |
|                |      |      | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
|                |      |      | NV | 40  | -40000.00 | -6.902502 | 20 | PASS |
|                |      |      | NV | 50  | -40000.00 | -6.902502 | 20 | PASS |
| 11AC20SI<br>SO | Ant1 | 5180 | NV | -30 | -20000.00 | -3.861004 | 20 | PASS |
|                |      |      | NV | -20 | -20000.00 | -3.861004 | 20 | PASS |
|                |      |      | NV | -10 | -20000.00 | -3.861004 | 20 | PASS |
|                |      |      | NV | 0   | -20000.00 | -3.861004 | 20 | PASS |
|                |      |      | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
|                |      |      | NV | 20  | -20000.00 | -3.861004 | 20 | PASS |
|                |      |      | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
|                |      |      | NV | 40  | -20000.00 | -3.861004 | 20 | PASS |
|                |      |      | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
|                |      |      | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
|                |      | 5200 | NV | -30 | -20000.00 | -3.846154 | 20 | PASS |
|                |      |      | NV | -20 | -20000.00 | -3.846154 | 20 | PASS |
|                |      |      | NV | -10 | -20000.00 | -3.846154 | 20 | PASS |
|                |      |      | NV | 0   | -20000.00 | -3.846154 | 20 | PASS |
|                |      |      | NV | 10  | -20000.00 | -3.846154 | 20 | PASS |
|                |      |      | NV | 20  | -20000.00 | -3.846154 | 20 | PASS |
|                |      |      | NV | 30  | -20000.00 | -3.846154 | 20 | PASS |
|                |      |      | NV | 40  | -20000.00 | -3.846154 | 20 | PASS |
|                |      |      | NV | 50  | -20000.00 | -3.846154 | 20 | PASS |
|                |      | 5240 | NV | -30 | -20000.00 | -3.816794 | 20 | PASS |
|                |      |      | NV | -20 | -20000.00 | -3.816794 | 20 | PASS |
|                |      |      | NV | -10 | -20000.00 | -3.816794 | 20 | PASS |
|                |      |      | NV | 0   | -20000.00 | -3.816794 | 20 | PASS |
|                |      |      | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
|                |      |      | NV | 20  | -20000.00 | -3.816794 | 20 | PASS |
|                |      |      | NV | 30  | -20000.00 | -3.816794 | 20 | PASS |
|                |      |      | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
|                |      |      | NV | 50  | -40000.00 | -7.633588 | 20 | PASS |
|                |      | 5745 | NV | -30 | -20000.00 | -3.481288 | 20 | PASS |
|                |      |      | NV | -20 | -40000.00 | -6.962576 | 20 | PASS |
|                |      |      | NV | -10 | -20000.00 | -3.481288 | 20 | PASS |
|                |      |      | NV | 0   | -20000.00 | -3.481288 | 20 | PASS |
|                |      |      | NV | 10  | -20000.00 | -3.481288 | 20 | PASS |
|                |      |      | NV | 20  | -20000.00 | -3.481288 | 20 | PASS |
|                |      |      | NV | 30  | -20000.00 | -3.481288 | 20 | PASS |
|                |      |      | NV | 40  | -20000.00 | -3.481288 | 20 | PASS |
|                |      |      | NV | 50  | -20000.00 | -3.481288 | 20 | PASS |
|                |      | 5785 | NV | -30 | -20000.00 | -3.457217 | 20 | PASS |
|                |      |      | NV | -20 | -40000.00 | -6.914434 | 20 | PASS |
|                |      |      | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
|                |      |      | NV | 0   | -20000.00 | -3.457217 | 20 | PASS |
|                |      |      | NV | 10  | 20000.00  | 3.457217  | 20 | PASS |
|                |      |      | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
|                |      |      | NV | 30  | -20000.00 | -3.457217 | 20 | PASS |
|                |      |      | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
|                |      |      | NV | 50  | -20000.00 | -3.457217 | 20 | PASS |
|                |      | 5825 | NV | -30 | -20000.00 | -3.433476 | 20 | PASS |
|                |      |      | NV | -20 | -20000.00 | -3.433476 | 20 | PASS |
|                |      |      | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
|                |      |      | NV | 0   | -20000.00 | -3.433476 | 20 | PASS |
|                |      |      | NV | 10  | -40000.00 | -6.866953 | 20 | PASS |
|                |      |      | NV | 20  | -20000.00 | -3.433476 | 20 | PASS |
|                |      |      | NV | 30  | 0.00      | 0.000000  | 20 | PASS |

|                |      |      |    |     |           |            |    |      |
|----------------|------|------|----|-----|-----------|------------|----|------|
| 11AC40SI<br>SO | Ant1 | 5190 | NV | 40  | -20000.00 | -3.433476  | 20 | PASS |
|                |      |      | NV | 50  | -20000.00 | -3.433476  | 20 | PASS |
|                |      |      | NV | -30 | -40000.00 | -7.707129  | 20 | PASS |
|                |      |      | NV | -20 | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | -10 | -40000.00 | -7.707129  | 20 | PASS |
|                |      |      | NV | 0   | -40000.00 | -7.707129  | 20 | PASS |
|                |      |      | NV | 10  | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | 20  | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | 30  | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | 40  | -40000.00 | -7.707129  | 20 | PASS |
|                |      | 5230 | NV | 50  | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | -30 | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | -20 | -40000.00 | -7.648184  | 20 | PASS |
|                |      |      | NV | -10 | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | 0   | -40000.00 | -7.648184  | 20 | PASS |
|                |      |      | NV | 10  | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | 20  | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | 30  | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | 40  | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | 50  | 0.00      | 0.000000   | 20 | PASS |
|                |      | 5755 | NV | -30 | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | -20 | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | -10 | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | 0   | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | 10  | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | 20  | -80000.00 | -13.900956 | 20 | PASS |
|                |      |      | NV | 30  | -40000.00 | -6.950478  | 20 | PASS |
|                |      |      | NV | 40  | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | 50  | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | -30 | 80000.00  | 13.805004  | 20 | PASS |
| 11AC80SI<br>SO | Ant1 | 5210 | NV | -20 | 80000.00  | 15.355086  | 20 | PASS |
|                |      |      | NV | -10 | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | 0   | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | 10  | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | 20  | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | 30  | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | 40  | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | 50  | 80000.00  | 15.355086  | 20 | PASS |
|                |      | 5775 | NV | -30 | 80000.00  | 13.852814  | 20 | PASS |
|                |      |      | NV | -20 | 80000.00  | 13.852814  | 20 | PASS |
|                |      |      | NV | -10 | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | 0   | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | 10  | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | 20  | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | 30  | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | 40  | 0.00      | 0.000000   | 20 | PASS |
|                |      |      | NV | 50  | 0.00      | 0.000000   | 20 | PASS |

End of Test Report