

# RF Test Data for 5G Wi-Fi (Conducted Measurements)

| General Description of EUT                                                                      |                        |
|-------------------------------------------------------------------------------------------------|------------------------|
| Product Name:                                                                                   | Tablet PC              |
| Test Model:                                                                                     | IRA T1030              |
| Sample ID:                                                                                      | HC-C-202406-0309-01-02 |
| Environmental Conditions                                                                        |                        |
| Temperature:                                                                                    | 22.0℃-25℃              |
| Relative Humidity:                                                                              | 43%-55%                |
| Test Voltage:                                                                                   | DC 3.8V                |
| Test Engineer:                                                                                  | Mike Yan               |
| Note: For a more detailed features description, please refer to the report TBR-C-202406-0309-23 |                        |

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## 1. Emission Bandwidth

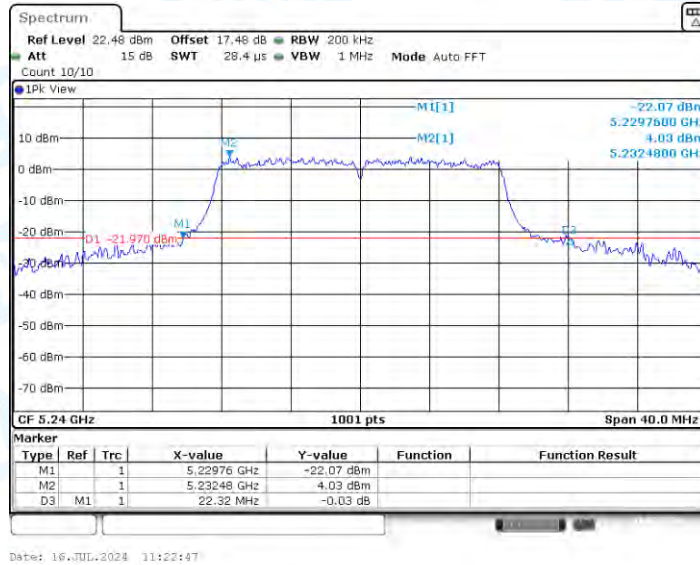
### 1.1. Test Result

| TestMode   | Antenna | Channel | 26db EBW [MHz] | FL[MHz] | FH[MHz] | Limit[MHz] | Verdict |
|------------|---------|---------|----------------|---------|---------|------------|---------|
| 11A        | Ant1    | 5180    | 24.28          | 5167.68 | 5191.96 | ---        | ---     |
|            |         | 5200    | 22.52          | 5188.76 | 5211.28 | ---        | ---     |
|            |         | 5240    | 22.32          | 5229.76 | 5252.08 | ---        | ---     |
|            |         | 5260    | 22.80          | 5249.80 | 5272.60 | ---        | ---     |
|            |         | 5280    | 22.80          | 5267.56 | 5290.36 | ---        | ---     |
|            |         | 5320    | 22.76          | 5309.84 | 5332.60 | ---        | ---     |
|            |         | 5500    | 26.28          | 5487.08 | 5513.36 | ---        | ---     |
|            |         | 5580    | 23.68          | 5567.04 | 5590.72 | ---        | ---     |
|            |         | 5700    | 32.36          | 5685.84 | 5718.20 | ---        | ---     |
|            |         | 5745    | 26.40          | 5732.04 | 5758.44 | ---        | ---     |
|            |         | 5785    | 27.24          | 5772.56 | 5799.80 | ---        | ---     |
|            |         | 5825    | 23.84          | 5814.80 | 5838.64 | ---        | ---     |
| 11N20SISO  | Ant1    | 5180    | 24.56          | 5167.12 | 5191.68 | ---        | ---     |
|            |         | 5200    | 25.00          | 5189.04 | 5214.04 | ---        | ---     |
|            |         | 5240    | 26.56          | 5226.56 | 5253.12 | ---        | ---     |
|            |         | 5260    | 27.20          | 5244.00 | 5271.20 | ---        | ---     |
|            |         | 5280    | 25.28          | 5266.08 | 5291.36 | ---        | ---     |
|            |         | 5320    | 23.36          | 5307.08 | 5330.44 | ---        | ---     |
|            |         | 5500    | 25.52          | 5487.00 | 5512.52 | ---        | ---     |
|            |         | 5580    | 23.24          | 5566.72 | 5589.96 | ---        | ---     |
|            |         | 5700    | 27.00          | 5688.40 | 5715.40 | ---        | ---     |
|            |         | 5745    | 28.00          | 5731.80 | 5759.80 | ---        | ---     |
|            |         | 5785    | 26.08          | 5772.76 | 5798.84 | ---        | ---     |
|            |         | 5825    | 25.00          | 5813.20 | 5838.20 | ---        | ---     |
| 11N40SISO  | Ant1    | 5190    | 41.28          | 5170.24 | 5211.52 | ---        | ---     |
|            |         | 5230    | 39.76          | 5210.08 | 5249.84 | ---        | ---     |
|            |         | 5270    | 39.28          | 5250.24 | 5289.52 | ---        | ---     |
|            |         | 5310    | 39.68          | 5290.24 | 5329.92 | ---        | ---     |
|            |         | 5510    | 40.72          | 5490.00 | 5530.72 | ---        | ---     |
|            |         | 5550    | 39.60          | 5530.08 | 5569.68 | ---        | ---     |
|            |         | 5670    | 40.56          | 5649.92 | 5690.48 | ---        | ---     |
|            |         | 5755    | 45.68          | 5735.16 | 5780.84 | ---        | ---     |
|            |         | 5795    | 39.92          | 5775.00 | 5814.92 | ---        | ---     |
| 11AC20SISO | Ant1    | 5180    | 25.36          | 5168.16 | 5193.52 | ---        | ---     |
|            |         | 5200    | 22.96          | 5188.64 | 5211.60 | ---        | ---     |
|            |         | 5240    | 24.56          | 5226.60 | 5251.16 | ---        | ---     |
|            |         | 5260    | 25.92          | 5245.88 | 5271.80 | ---        | ---     |
|            |         | 5280    | 27.68          | 5266.48 | 5294.16 | ---        | ---     |
|            |         | 5320    | 25.96          | 5306.96 | 5332.92 | ---        | ---     |
|            |         | 5500    | 28.80          | 5483.96 | 5512.76 | ---        | ---     |

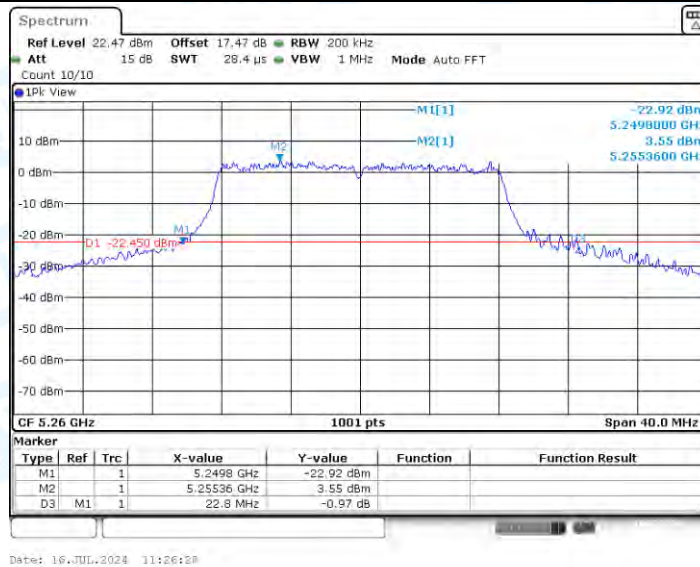
|            |      |      |        |         |         |     |     |
|------------|------|------|--------|---------|---------|-----|-----|
|            |      | 5580 | 23.16  | 5568.68 | 5591.84 | --- | --- |
|            |      | 5700 | 28.28  | 5686.72 | 5715.00 | --- | --- |
|            |      | 5745 | 29.56  | 5731.80 | 5761.36 | --- | --- |
|            |      | 5785 | 27.44  | 5771.76 | 5799.20 | --- | --- |
|            |      | 5825 | 27.20  | 5813.12 | 5840.32 | --- | --- |
| 11AC40SISO | Ant1 | 5190 | 39.76  | 5170.08 | 5209.84 | --- | --- |
|            |      | 5230 | 44.24  | 5209.20 | 5253.44 | --- | --- |
|            |      | 5270 | 42.16  | 5247.84 | 5290.00 | --- | --- |
|            |      | 5310 | 39.76  | 5289.84 | 5329.60 | --- | --- |
|            |      | 5510 | 40.80  | 5490.00 | 5530.80 | --- | --- |
|            |      | 5550 | 39.68  | 5530.00 | 5569.68 | --- | --- |
|            |      | 5670 | 40.24  | 5649.76 | 5690.00 | --- | --- |
|            |      | 5755 | 46.16  | 5734.84 | 5781.00 | --- | --- |
|            |      | 5795 | 40.24  | 5774.76 | 5815.00 | --- | --- |
| 11AC80SISO | Ant1 | 5210 | 79.84  | 5170.16 | 5250.00 | --- | --- |
|            |      | 5290 | 79.52  | 5250.16 | 5329.68 | --- | --- |
|            |      | 5530 | 79.20  | 5490.32 | 5569.52 | --- | --- |
|            |      | 5610 | 83.52  | 5566.16 | 5649.68 | --- | --- |
|            |      | 5775 | 106.40 | 5733.56 | 5839.96 | --- | --- |

## 2.1. Test Graphs

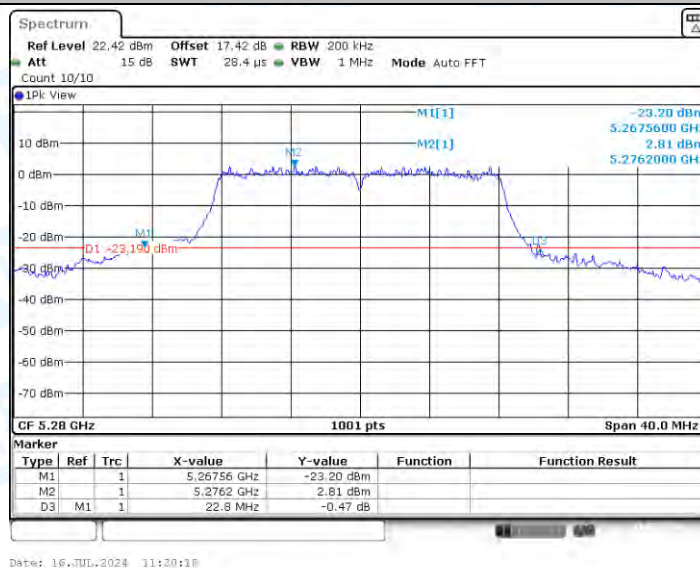




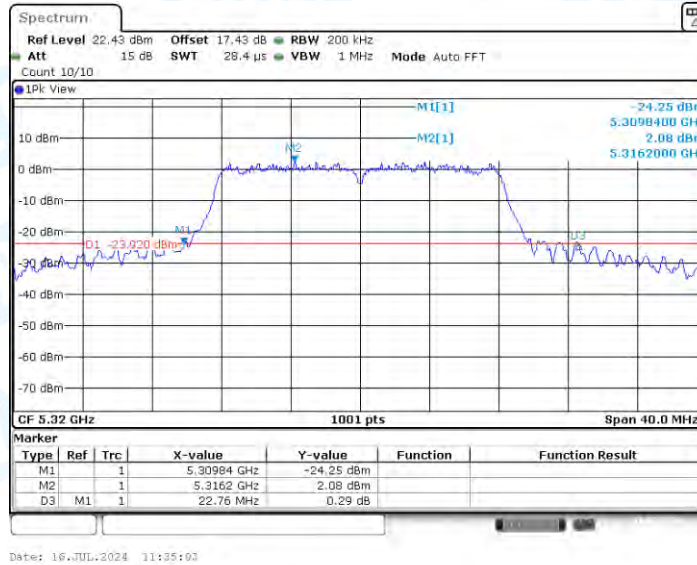
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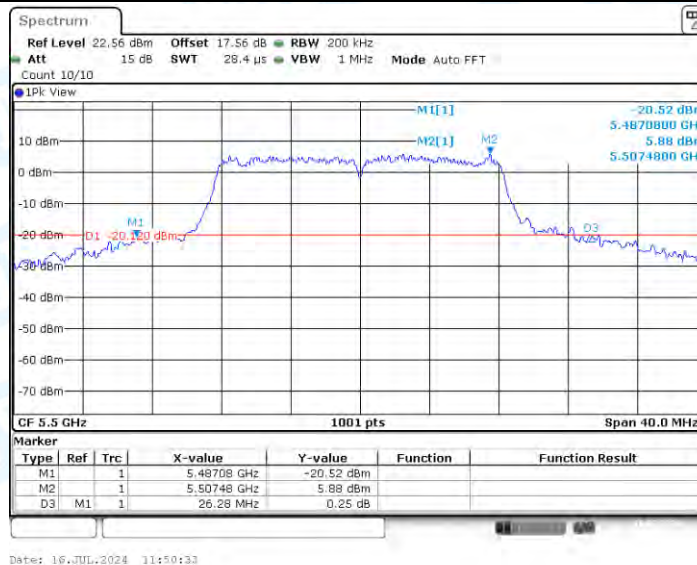
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11A\_Ant1\_5320



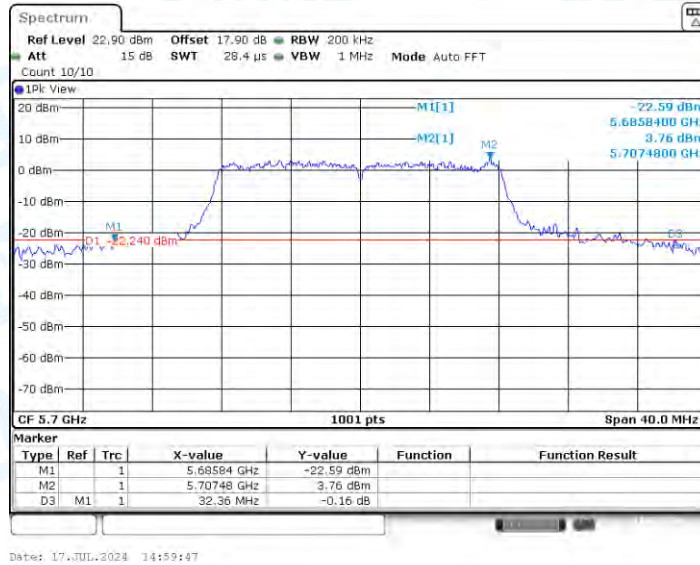
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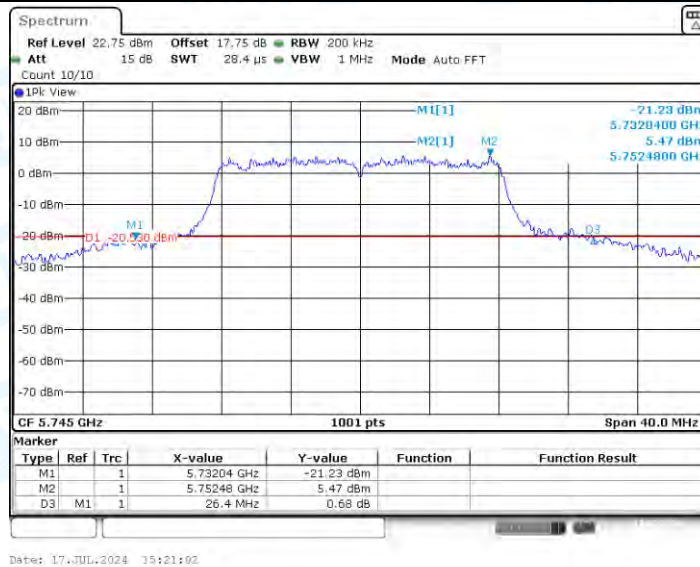
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11A\_Ant1\_5700



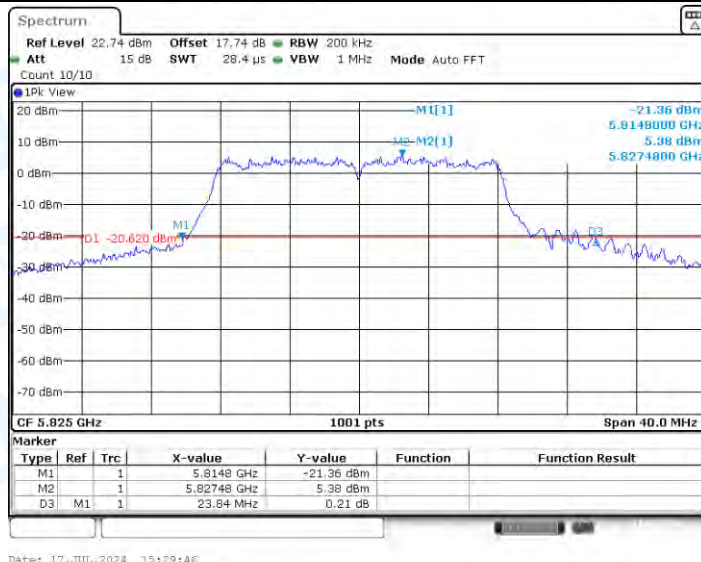
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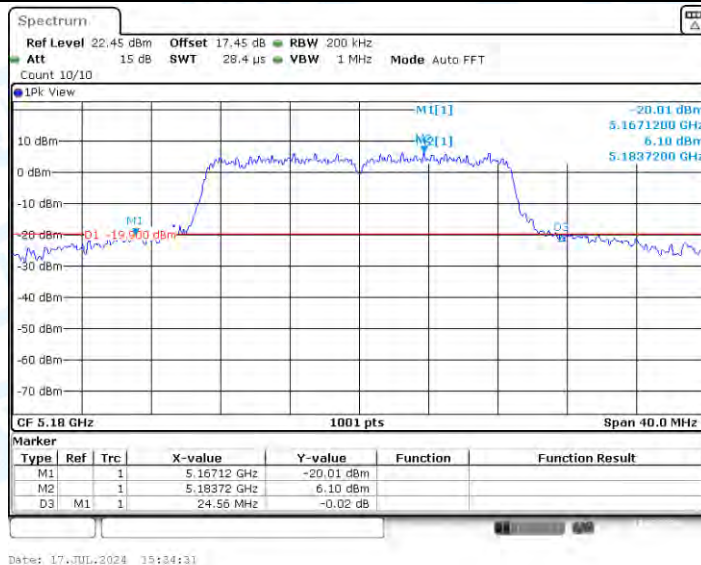
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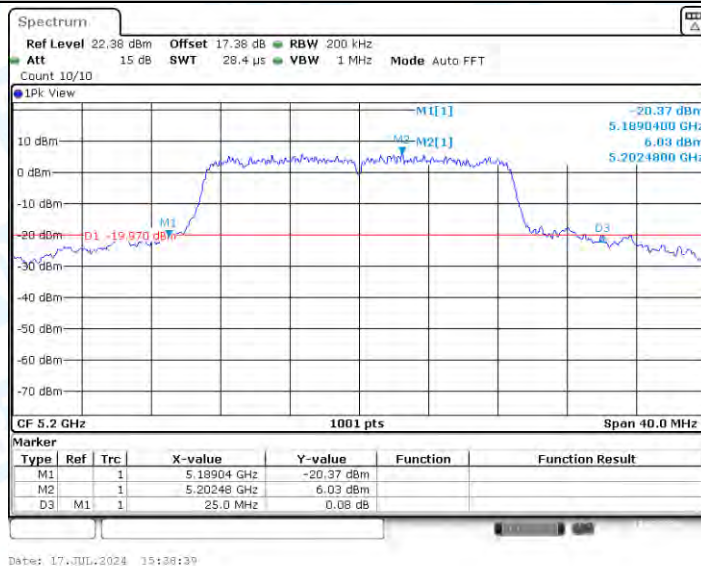
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11N20SISO\_Ant1\_5180



11N20SISO\_Ant1\_5200



11N20SISO\_Ant1\_5240



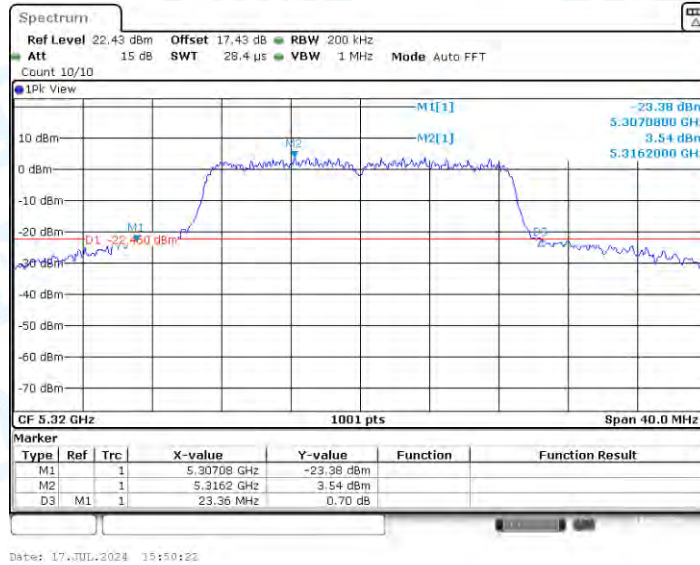
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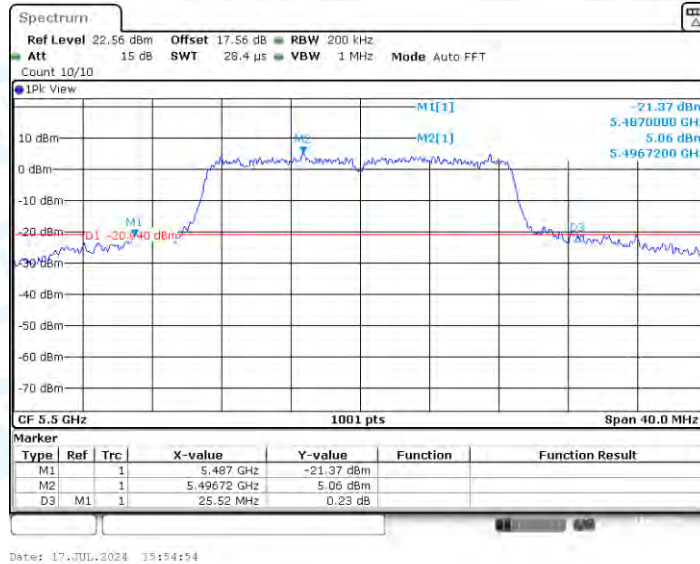
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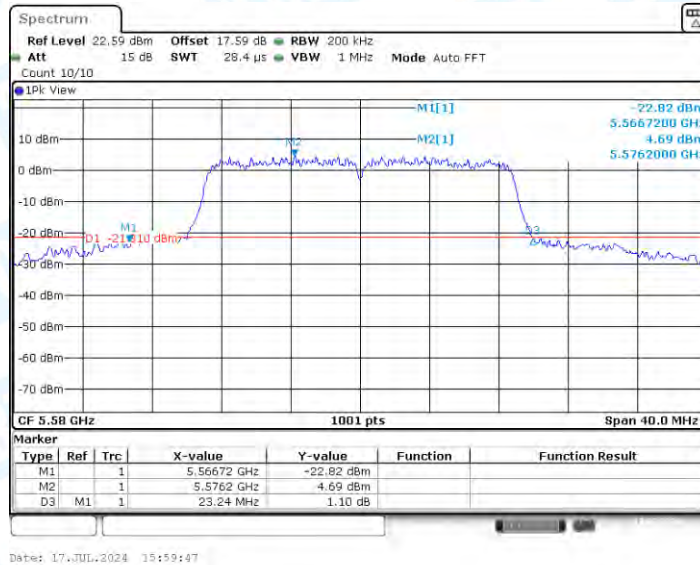
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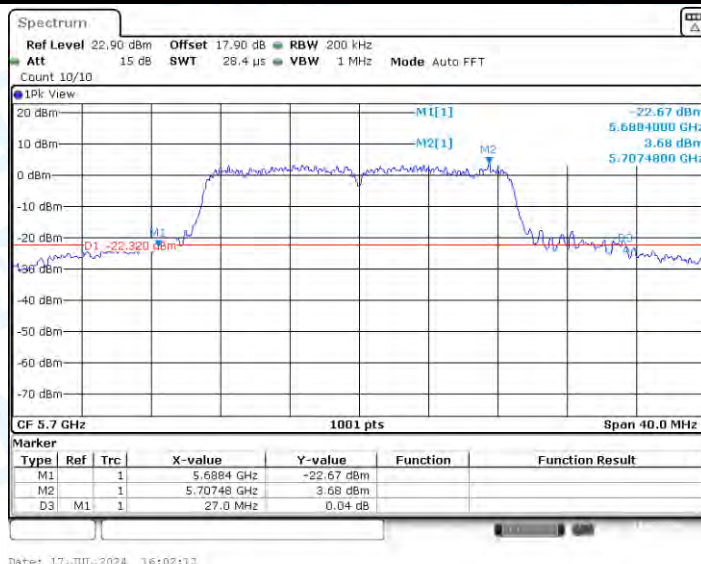
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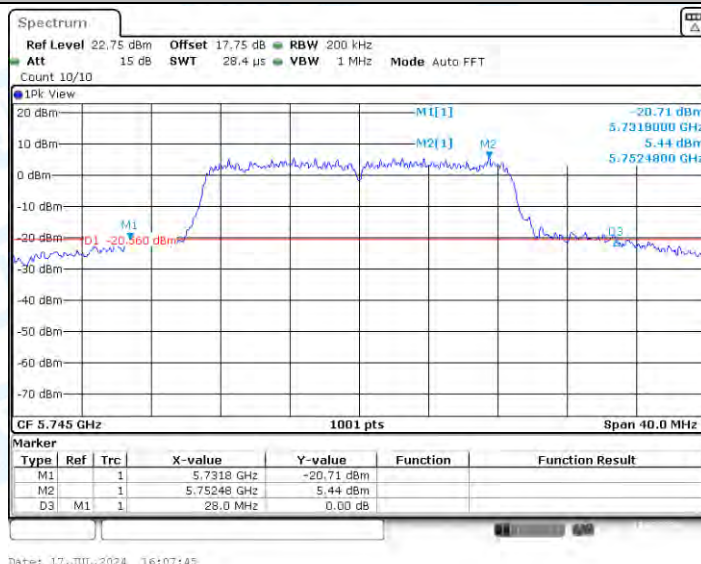
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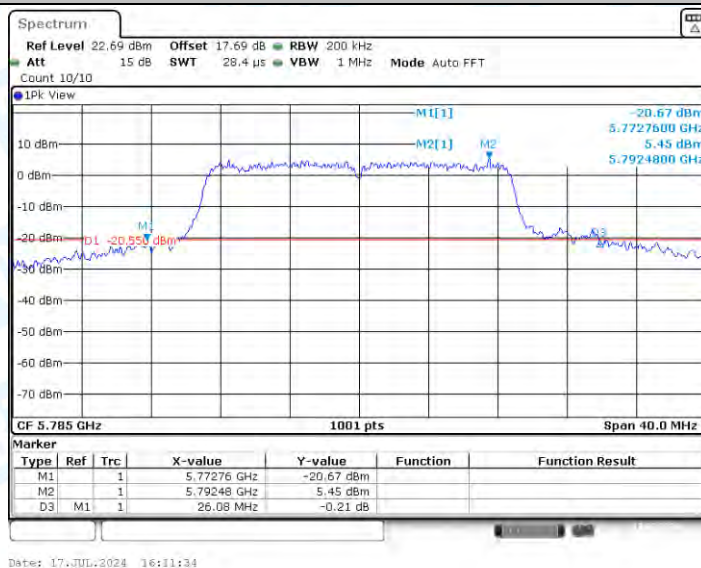
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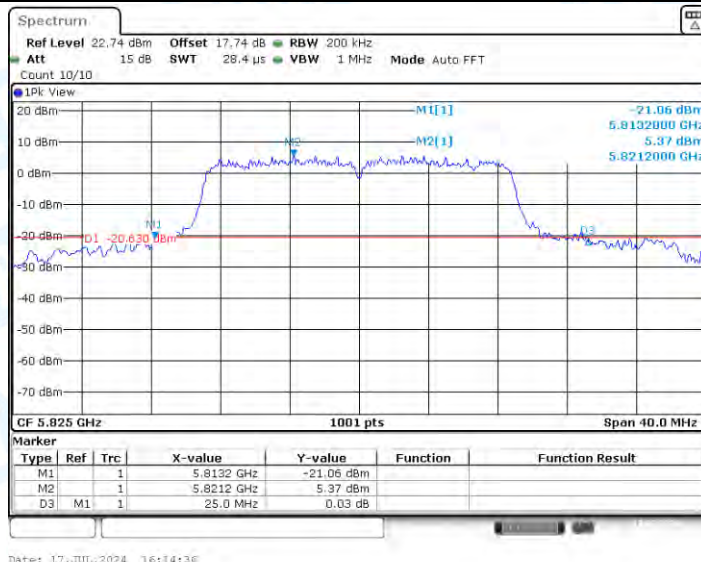
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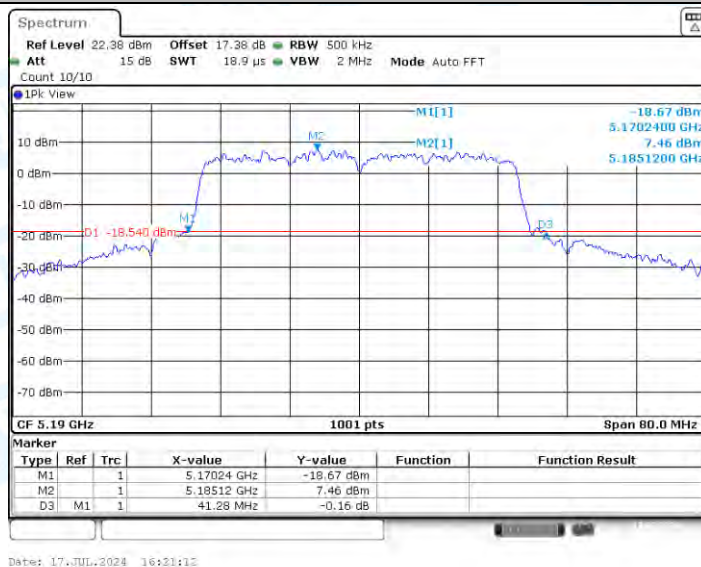
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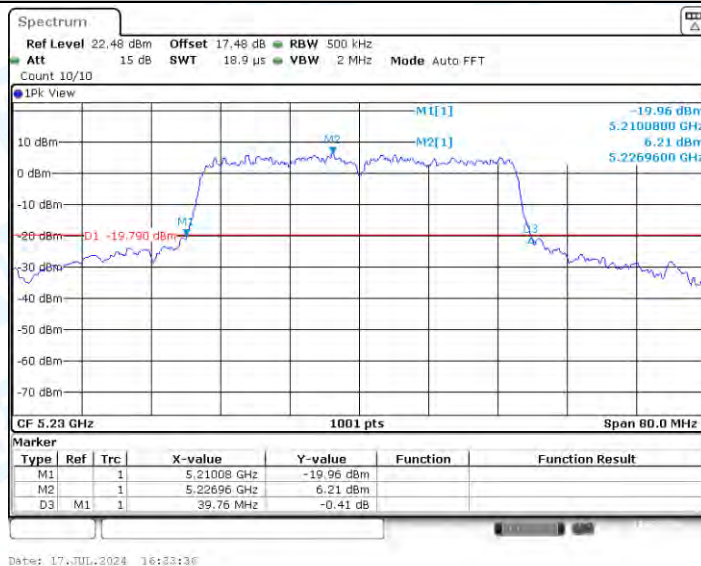
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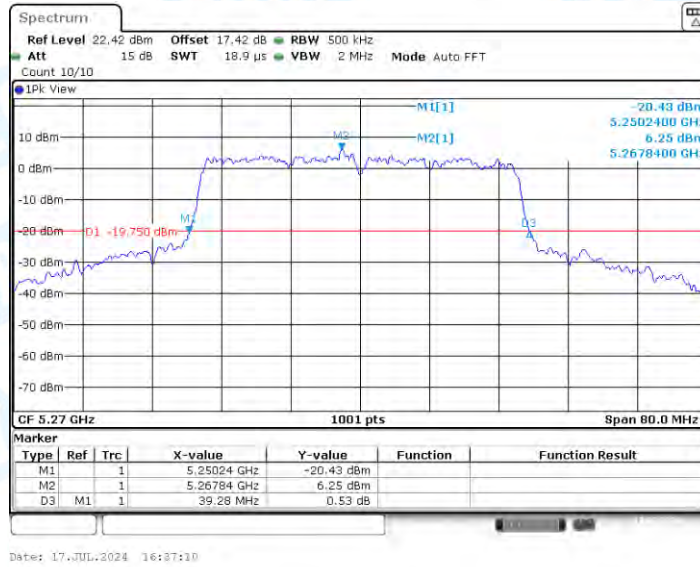
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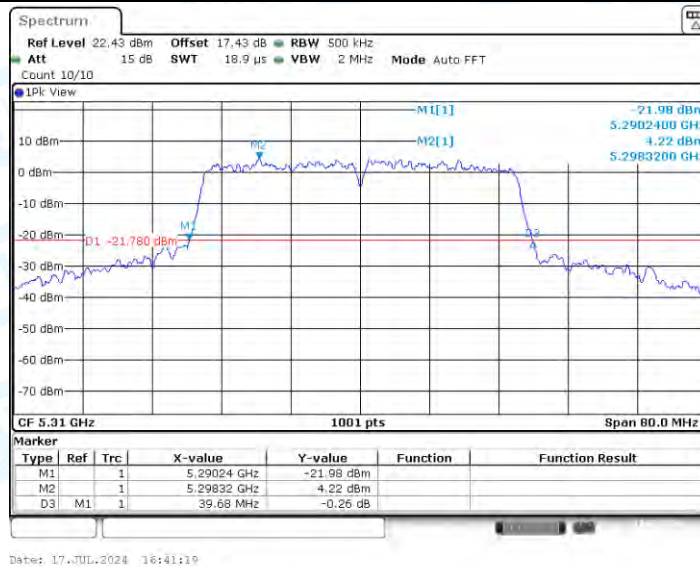
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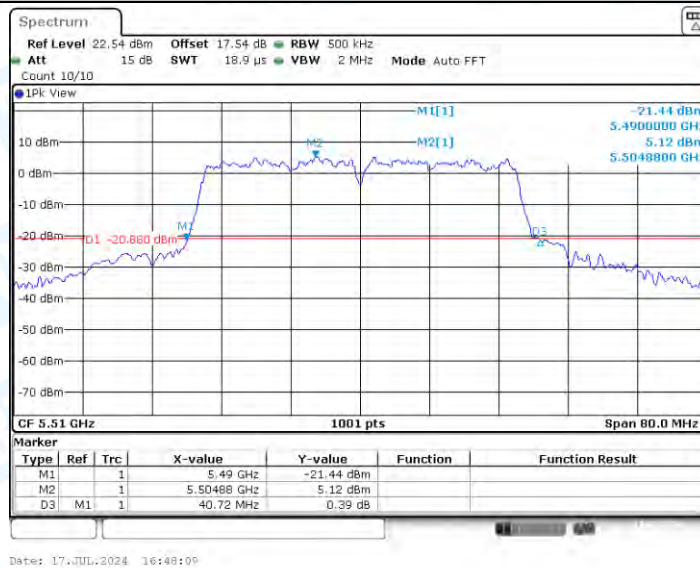
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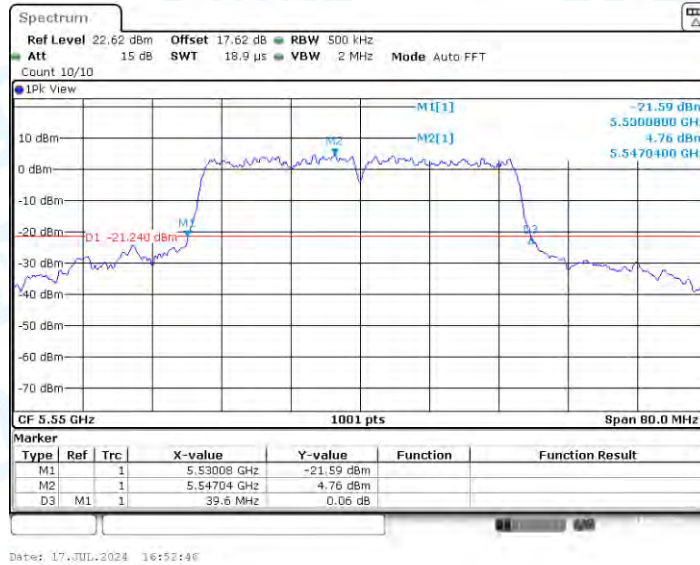
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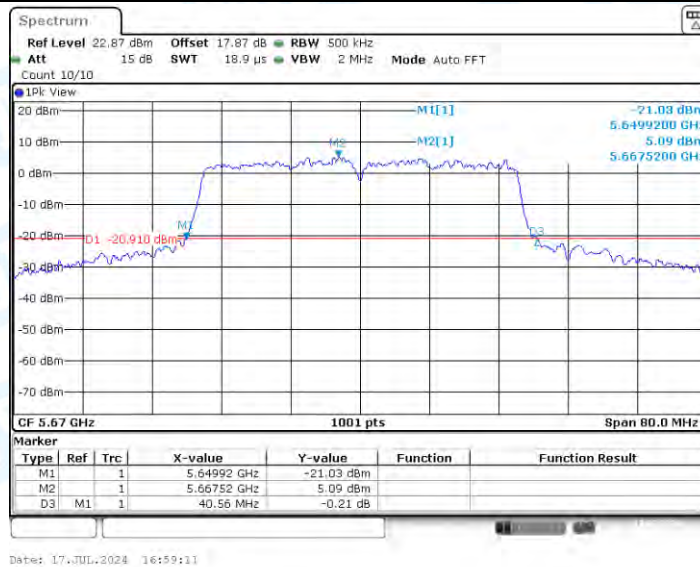
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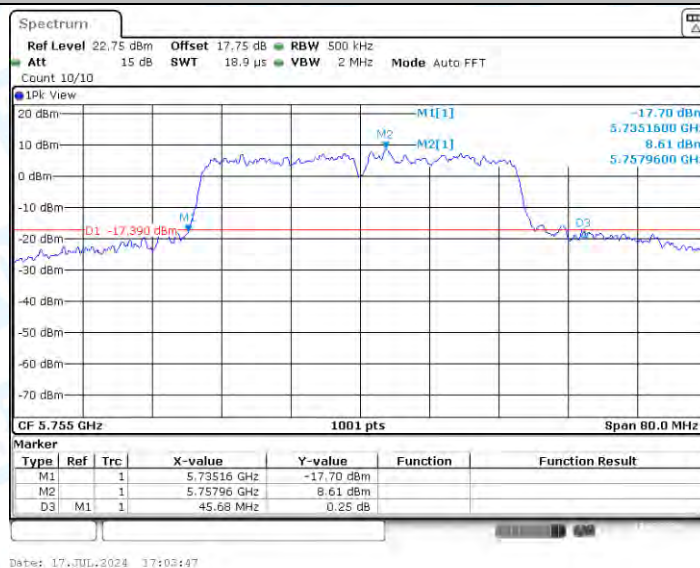
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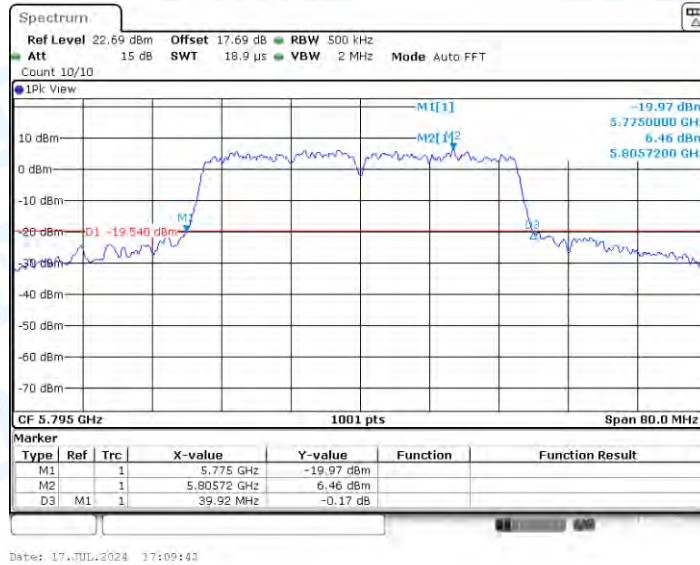
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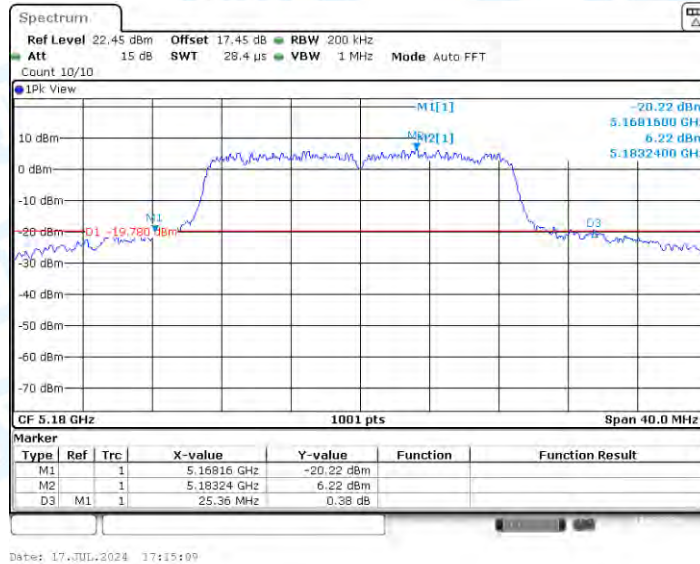
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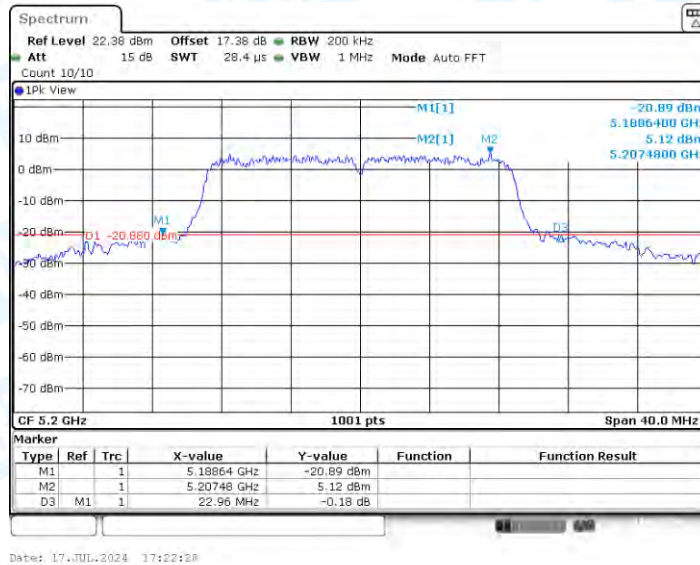
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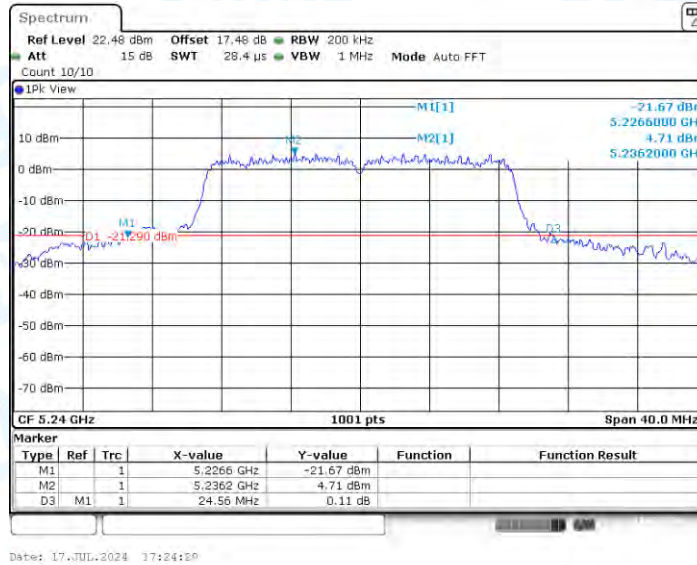
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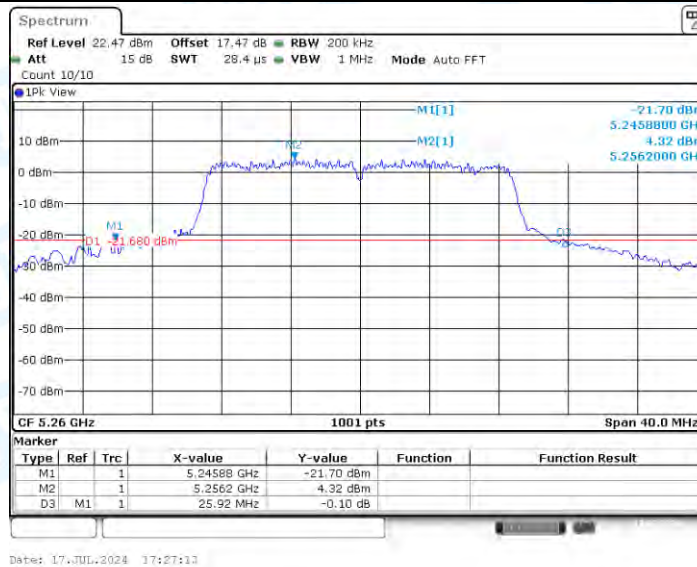
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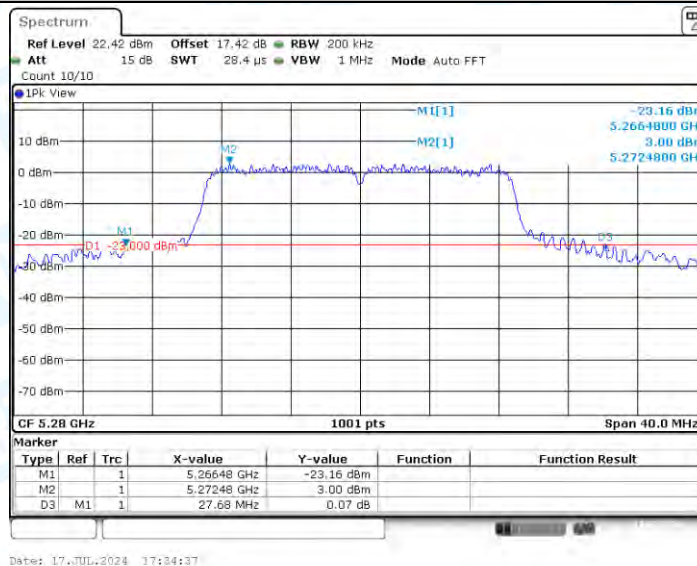
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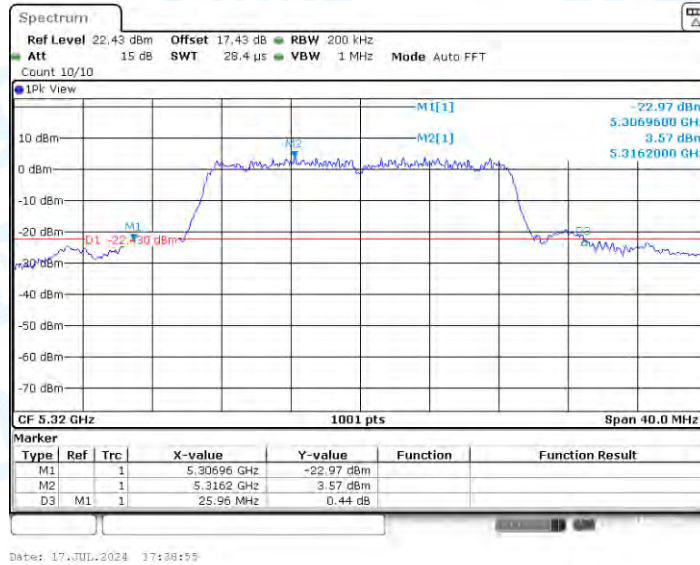
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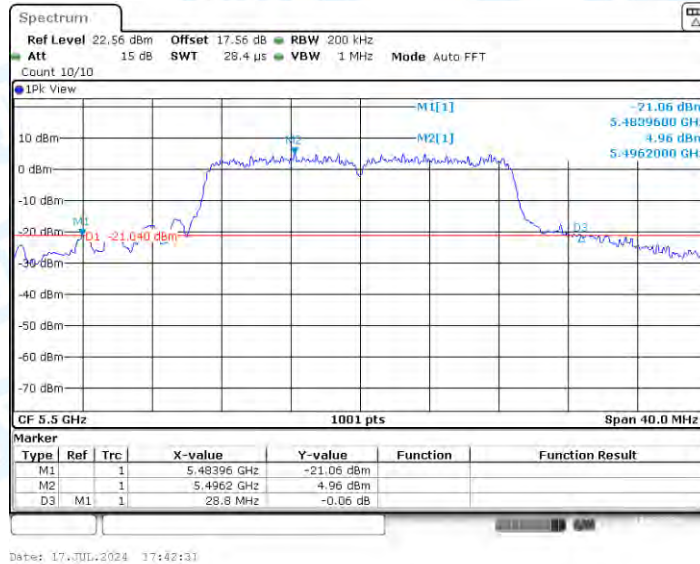
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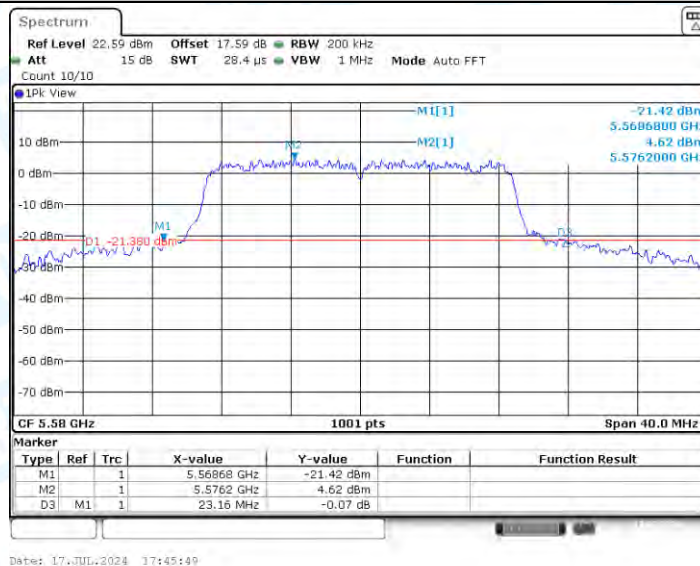
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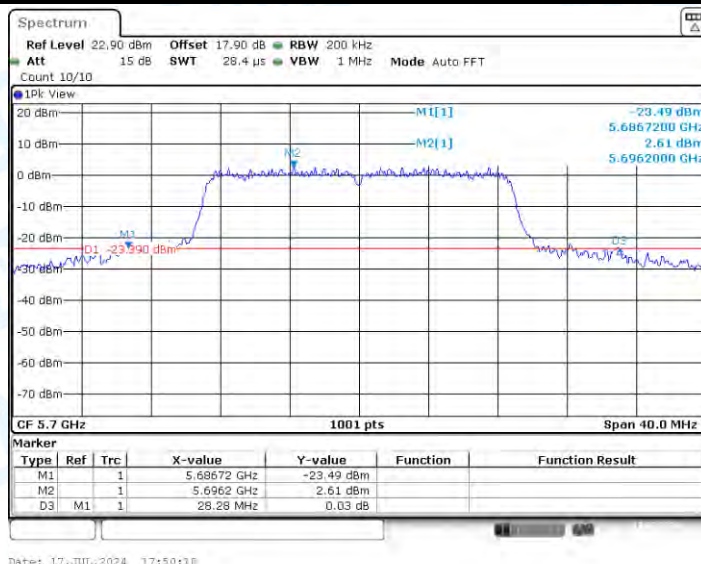
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11AC20SISO\_Ant1\_5580



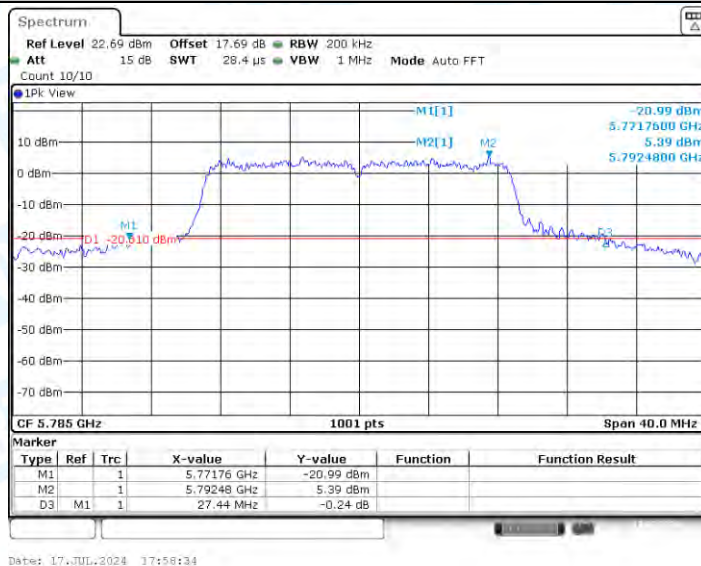
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11AC20SISO\_Ant1\_5745



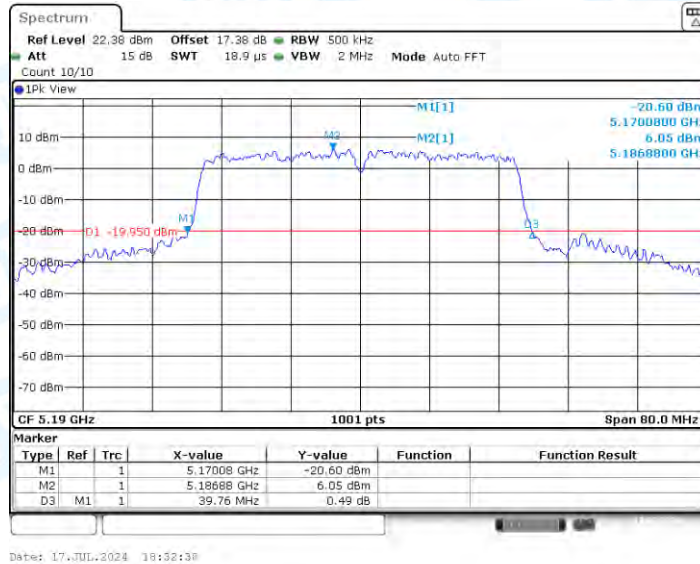
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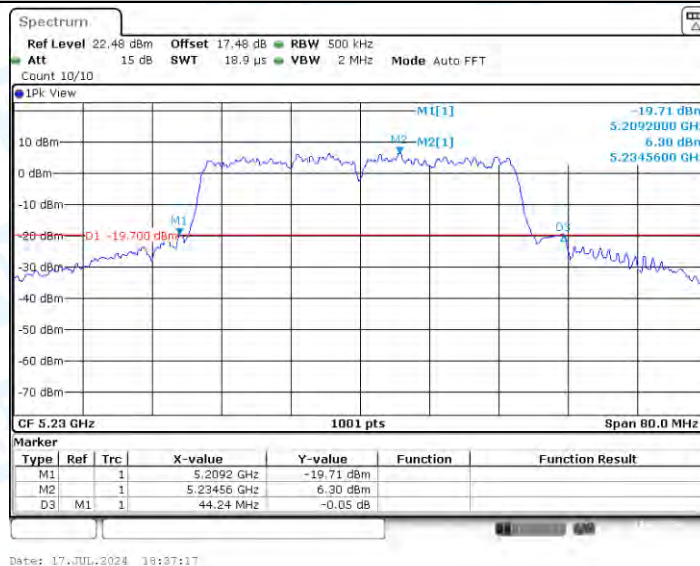
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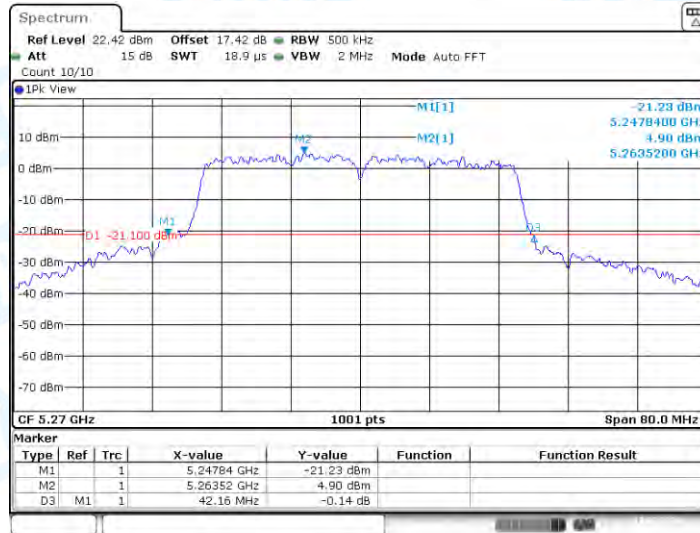
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11AC40SISO\_Ant1\_5230

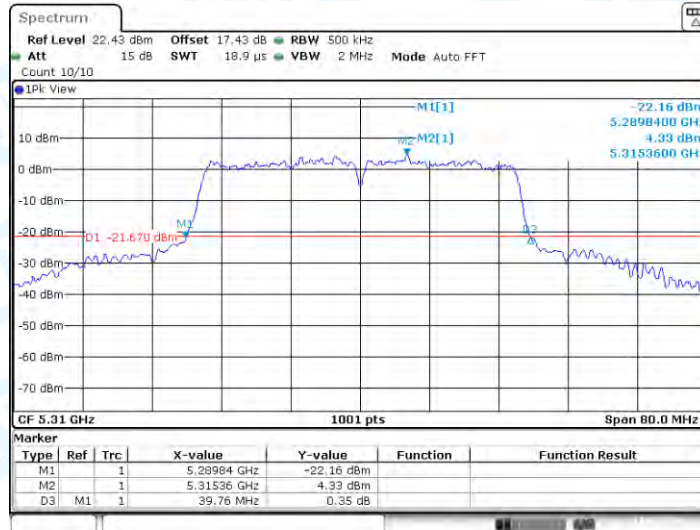


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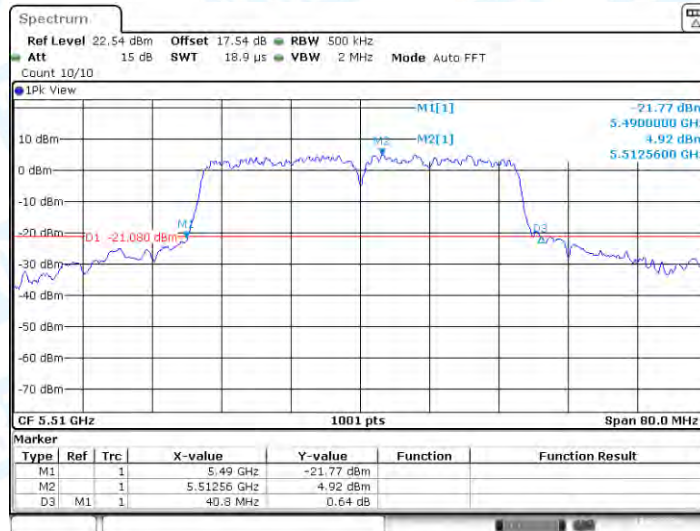
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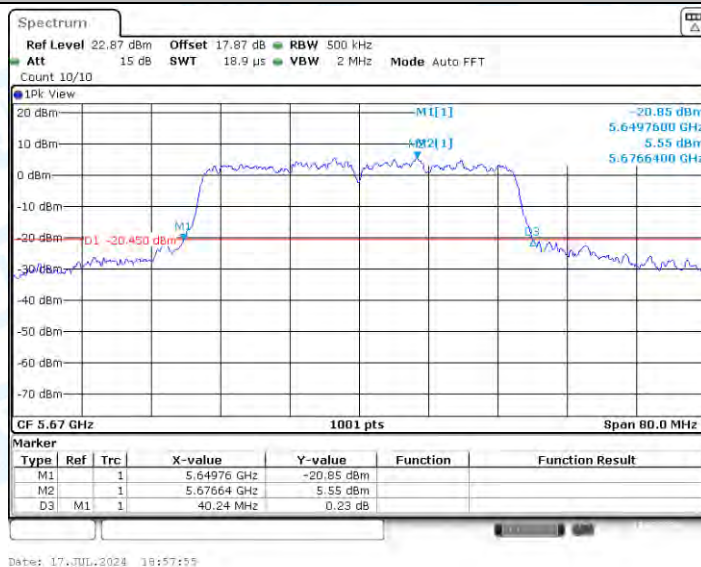


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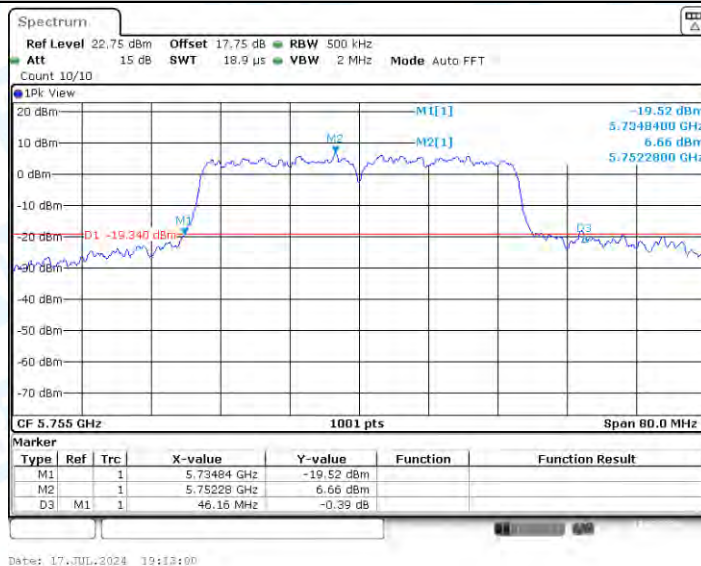
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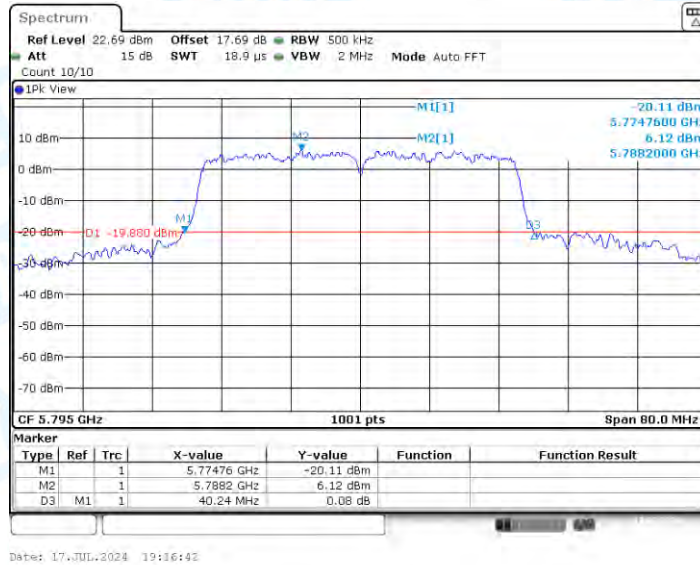
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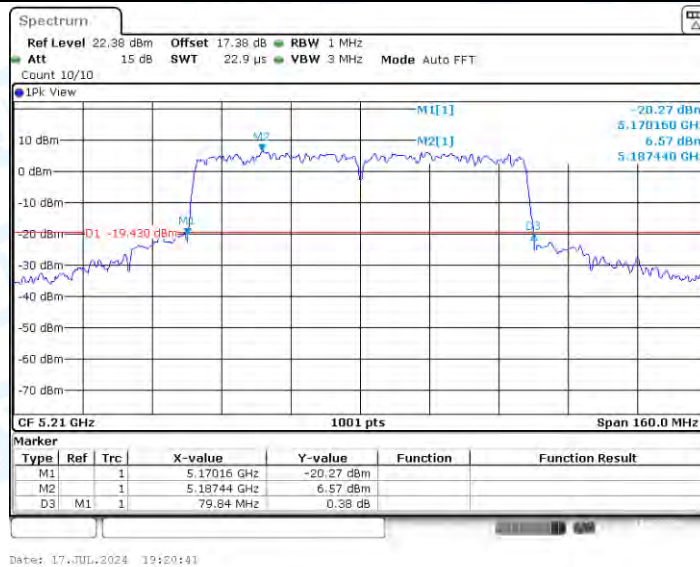
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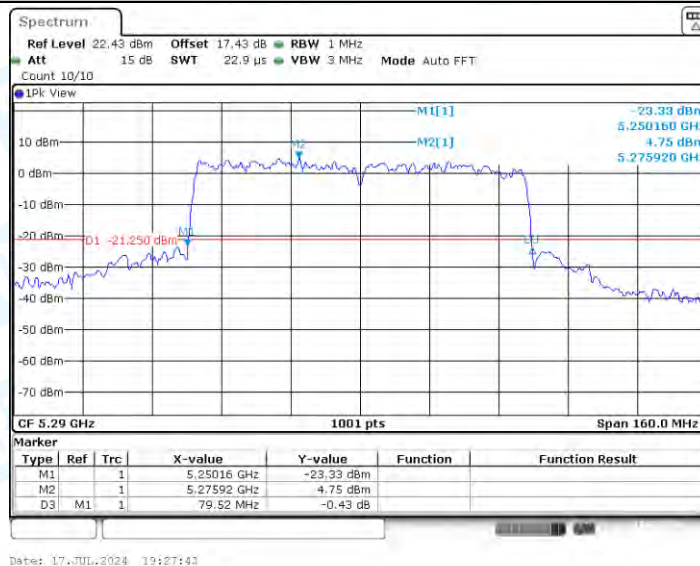
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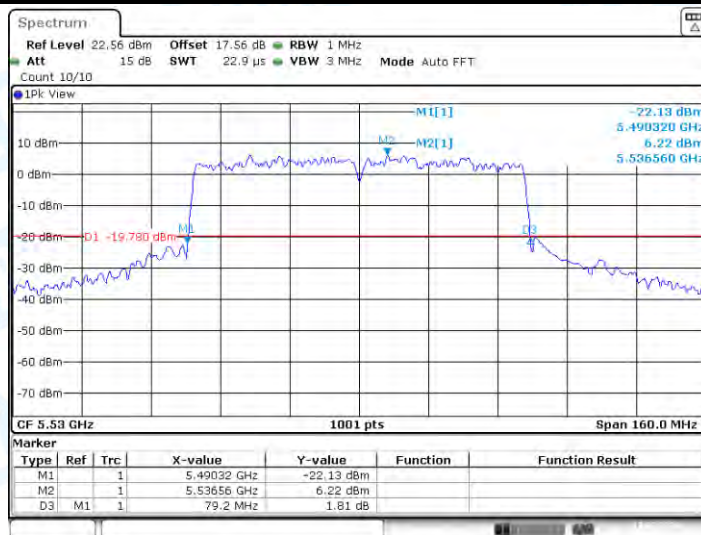
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11AC80SISO\_Ant1\_5290

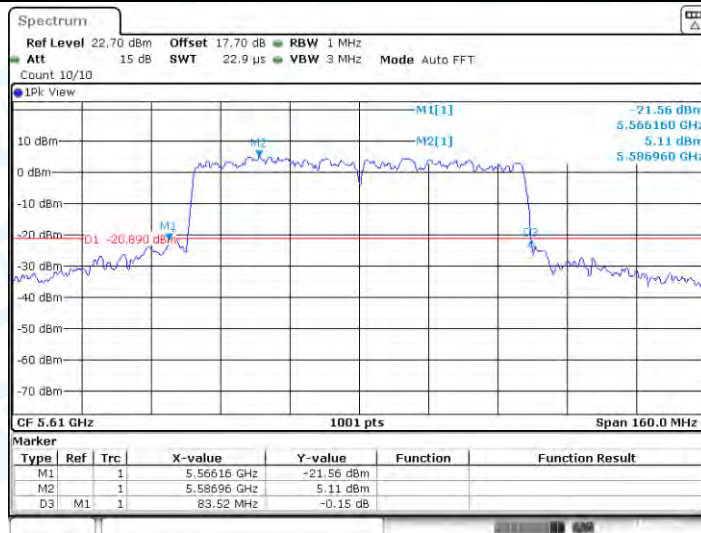


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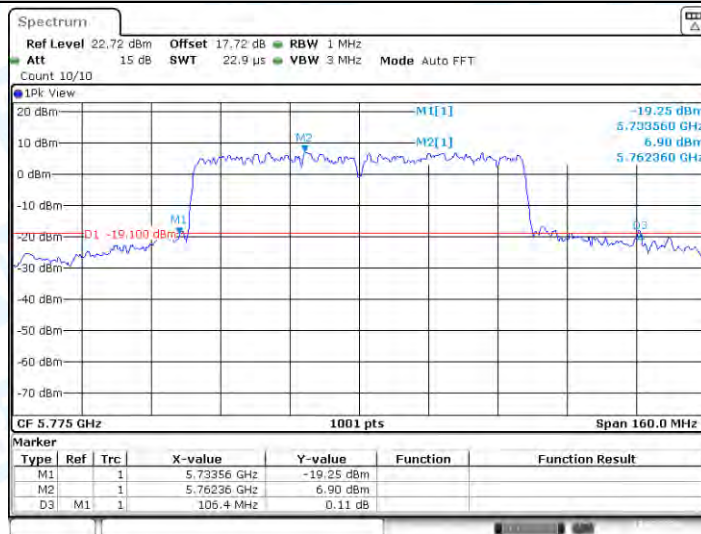
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Date: 17.JUL.2024 19:39:00

### 11AC80SISO\_Ant1\_5775



Date: 17.JUL.2024 19:44:35

## 2. Occupied channel bandwidth

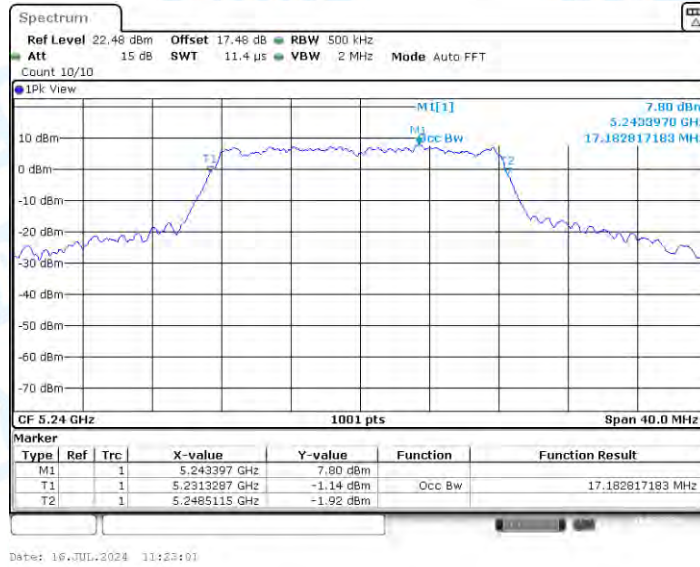
### 2.1. Test Result

| TestMode   | Antenna | Channel | OCB [MHz] | FL[MHz]   | FH[MHz]   | Limit[MHz] | Verdict |
|------------|---------|---------|-----------|-----------|-----------|------------|---------|
| 11A        | Ant1    | 5180    | 17.183    | 5171.4086 | 5188.5914 | ---        | ---     |
|            |         | 5200    | 17.143    | 5191.4486 | 5208.5914 | ---        | ---     |
|            |         | 5240    | 17.183    | 5231.3287 | 5248.5115 | ---        | ---     |
|            |         | 5260    | 17.223    | 5251.2887 | 5268.5115 | ---        | ---     |
|            |         | 5280    | 17.423    | 5271.1688 | 5288.5914 | ---        | ---     |
|            |         | 5320    | 17.183    | 5311.2887 | 5328.4715 | ---        | ---     |
|            |         | 5500    | 17.223    | 5491.4885 | 5508.7113 | ---        | ---     |
|            |         | 5580    | 17.463    | 5571.1688 | 5588.6314 | ---        | ---     |
|            |         | 5700    | 17.582    | 5691.2088 | 5708.7912 | ---        | ---     |
|            |         | 5745    | 17.662    | 5736.2887 | 5753.9510 | ---        | ---     |
|            |         | 5785    | 17.343    | 5776.4486 | 5793.7912 | ---        | ---     |
|            |         | 5825    | 17.223    | 5816.3686 | 5833.5914 | ---        | ---     |
| 11N20SISO  | Ant1    | 5180    | 18.142    | 5170.8891 | 5189.0310 | ---        | ---     |
|            |         | 5200    | 17.982    | 5190.9291 | 5208.9111 | ---        | ---     |
|            |         | 5240    | 18.022    | 5231.0090 | 5249.0310 | ---        | ---     |
|            |         | 5260    | 18.022    | 5250.9690 | 5268.9910 | ---        | ---     |
|            |         | 5280    | 18.062    | 5270.8492 | 5288.9111 | ---        | ---     |
|            |         | 5320    | 17.942    | 5310.8891 | 5328.8312 | ---        | ---     |
|            |         | 5500    | 18.102    | 5491.0090 | 5509.1109 | ---        | ---     |
|            |         | 5580    | 18.182    | 5570.8891 | 5589.0709 | ---        | ---     |
|            |         | 5700    | 18.222    | 5690.9291 | 5709.1508 | ---        | ---     |
|            |         | 5745    | 18.142    | 5735.9291 | 5754.0709 | ---        | ---     |
|            |         | 5785    | 18.062    | 5776.0090 | 5794.0709 | ---        | ---     |
|            |         | 5825    | 18.102    | 5815.8891 | 5833.9910 | ---        | ---     |
| 11N40SISO  | Ant1    | 5190    | 36.683    | 5171.6983 | 5208.3816 | ---        | ---     |
|            |         | 5230    | 36.364    | 5211.7782 | 5248.1419 | ---        | ---     |
|            |         | 5270    | 36.284    | 5251.6184 | 5287.9021 | ---        | ---     |
|            |         | 5310    | 36.284    | 5291.7782 | 5328.0619 | ---        | ---     |
|            |         | 5510    | 36.364    | 5491.8581 | 5528.2218 | ---        | ---     |
|            |         | 5550    | 36.364    | 5531.6983 | 5568.0619 | ---        | ---     |
|            |         | 5670    | 36.523    | 5651.7782 | 5688.3017 | ---        | ---     |
|            |         | 5755    | 36.843    | 5736.6184 | 5773.4615 | ---        | ---     |
|            |         | 5795    | 36.284    | 5776.8581 | 5813.1419 | ---        | ---     |
| 11AC20SISO | Ant1    | 5180    | 18.222    | 5171.0490 | 5189.2707 | ---        | ---     |
|            |         | 5200    | 18.022    | 5190.9690 | 5208.9910 | ---        | ---     |
|            |         | 5240    | 18.022    | 5230.9690 | 5248.9910 | ---        | ---     |
|            |         | 5260    | 17.822    | 5251.0490 | 5268.8711 | ---        | ---     |
|            |         | 5280    | 18.022    | 5270.9291 | 5288.9510 | ---        | ---     |
|            |         | 5320    | 17.902    | 5311.0090 | 5328.9111 | ---        | ---     |
|            |         | 5500    | 17.902    | 5491.0490 | 5508.9510 | ---        | ---     |

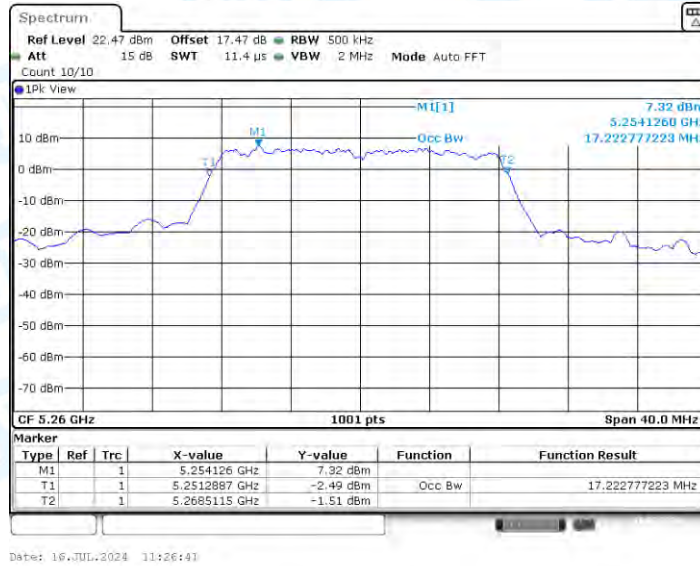
|            |      |      |        |           |           |     |     |
|------------|------|------|--------|-----------|-----------|-----|-----|
|            |      | 5580 | 18.022 | 5571.0090 | 5589.0310 | --- | --- |
|            |      | 5700 | 17.902 | 5691.0490 | 5708.9510 | --- | --- |
|            |      | 5745 | 18.581 | 5735.9291 | 5754.5105 | --- | --- |
|            |      | 5785 | 18.342 | 5775.8891 | 5794.2308 | --- | --- |
|            |      | 5825 | 17.902 | 5816.0090 | 5833.9111 | --- | --- |
| 11AC40SISO | Ant1 | 5190 | 36.364 | 5171.7782 | 5208.1419 | --- | --- |
|            |      | 5230 | 36.204 | 5211.8581 | 5248.0619 | --- | --- |
|            |      | 5270 | 36.444 | 5251.6184 | 5288.0619 | --- | --- |
|            |      | 5310 | 36.284 | 5291.7782 | 5328.0619 | --- | --- |
|            |      | 5510 | 36.364 | 5491.7782 | 5528.1419 | --- | --- |
|            |      | 5550 | 36.284 | 5531.8581 | 5568.1419 | --- | --- |
|            |      | 5670 | 36.444 | 5651.7782 | 5688.2218 | --- | --- |
|            |      | 5755 | 36.444 | 5736.8581 | 5773.3017 | --- | --- |
| 11AC80SISO | Ant1 | 5795 | 36.364 | 5776.8581 | 5813.2218 | --- | --- |
|            |      | 5210 | 76.244 | 5171.9580 | 5248.2018 | --- | --- |
|            |      | 5290 | 76.244 | 5251.7982 | 5328.0420 | --- | --- |
|            |      | 5530 | 76.244 | 5491.9580 | 5568.2018 | --- | --- |
|            |      | 5610 | 75.924 | 5571.7982 | 5647.7223 | --- | --- |
|            |      | 5775 | 76.404 | 5736.9580 | 5813.3616 | --- | --- |

## 2.2.Test Graphs

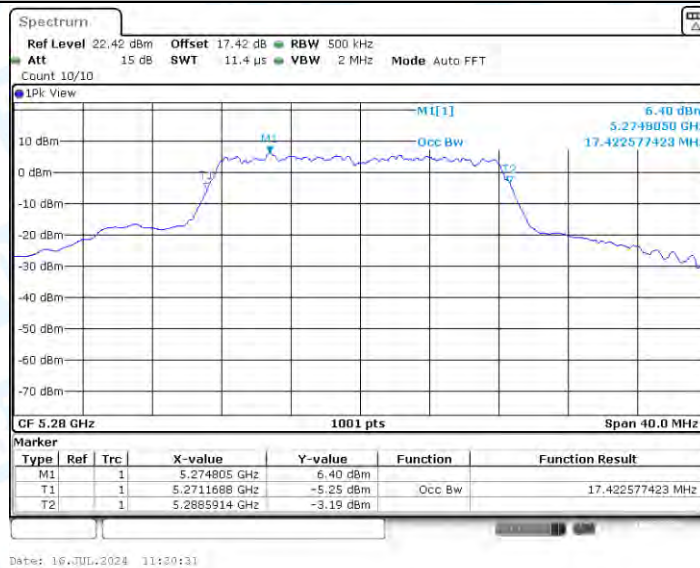




11A\_Ant1\_5260



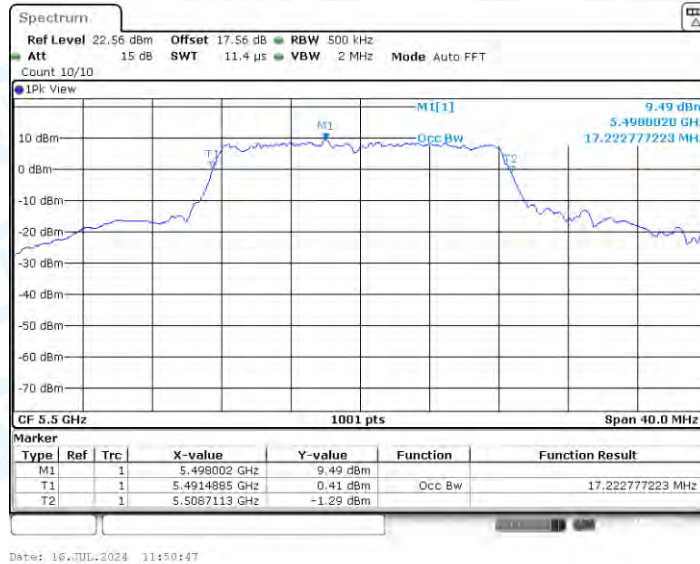
11A\_Ant1\_5280



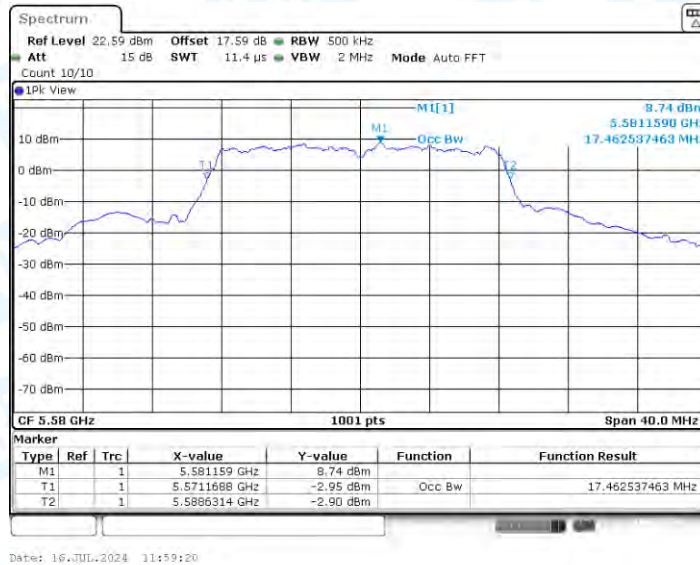
11A\_Ant1\_5320



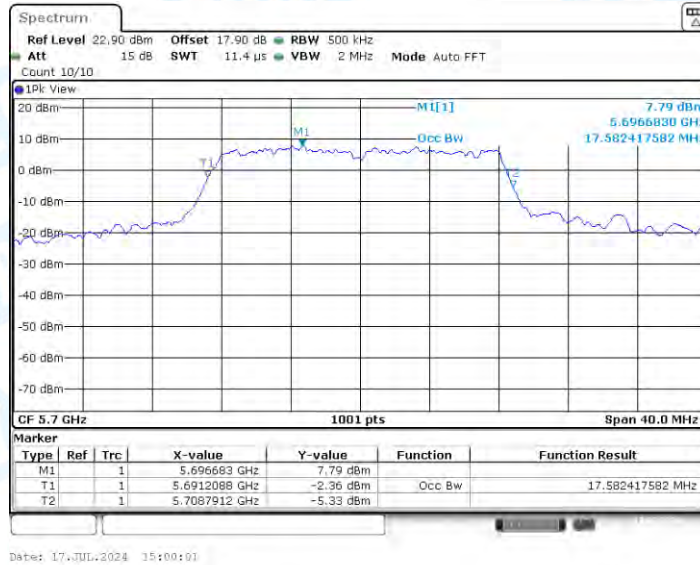
11A\_Ant1\_5500



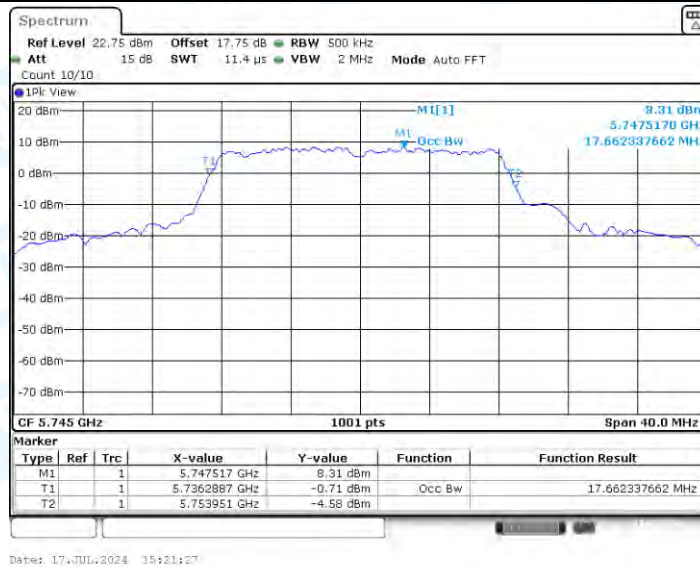
11A\_Ant1\_5580



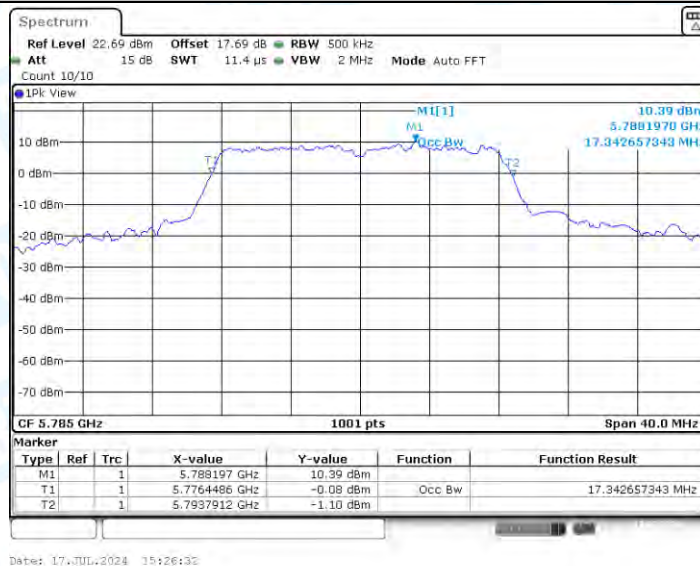
11A\_Ant1\_5700



11A\_Ant1\_5745



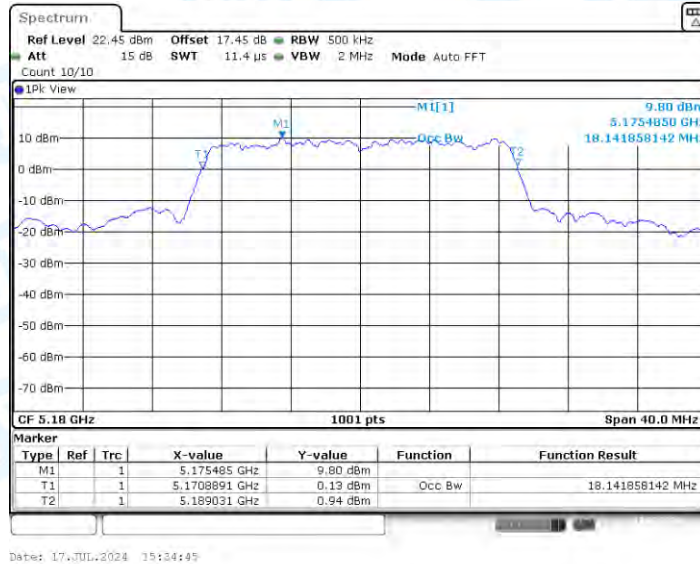
11A\_Ant1\_5785



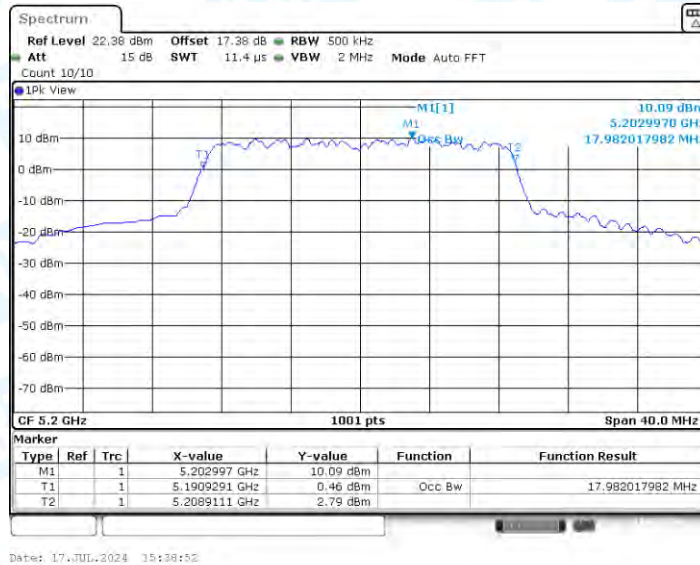
11A\_Ant1\_5825



11N20SISO\_Ant1\_5180



11N20SISO\_Ant1\_5200



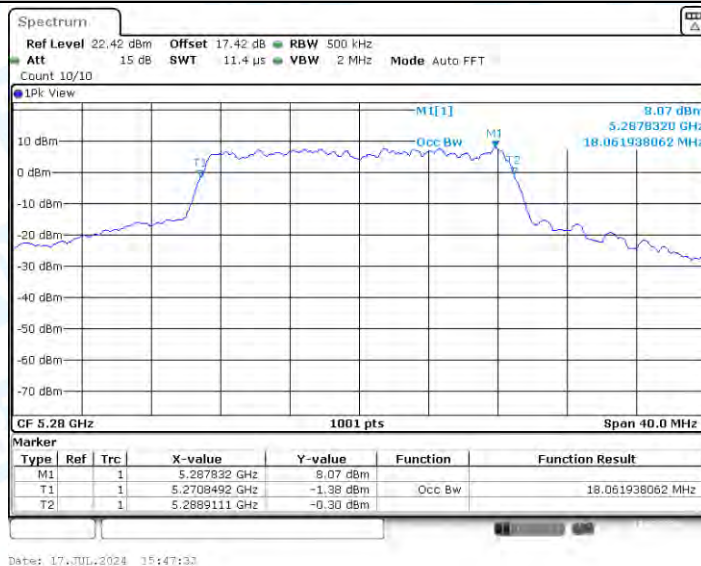
11N20SISO\_Ant1\_5240



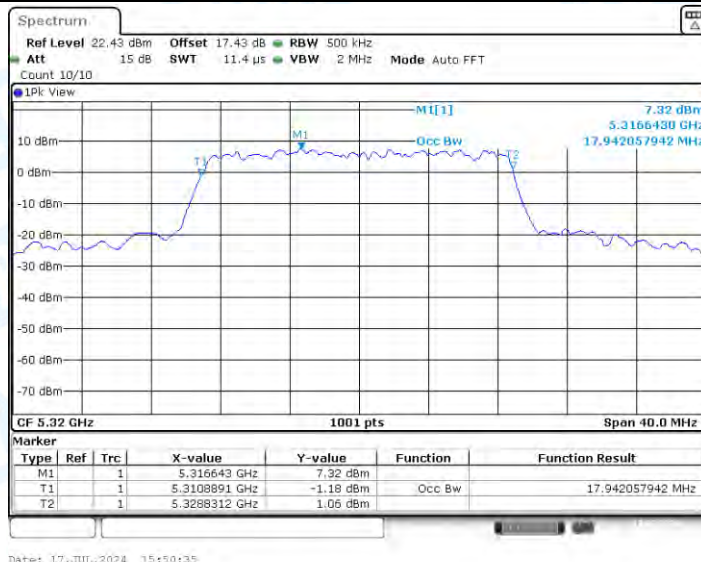
11N20SISO\_Ant1\_5260



11N20SISO\_Ant1\_5280



11N20SISO\_Ant1\_5320



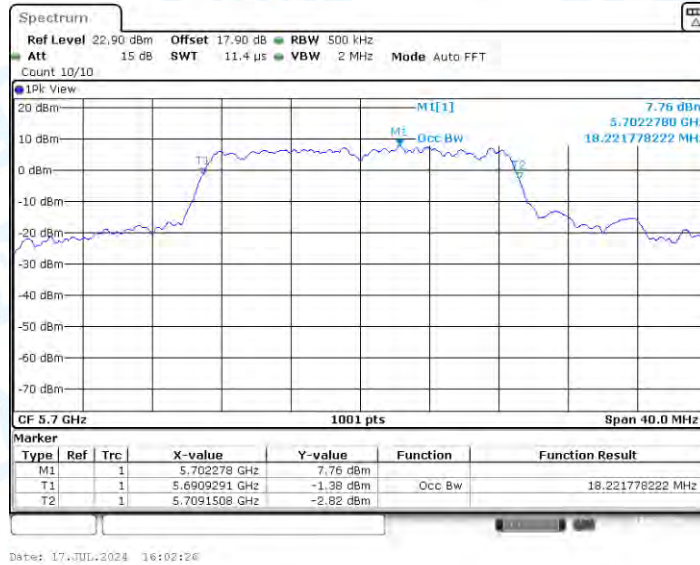
11N20SISO\_Ant1\_5500



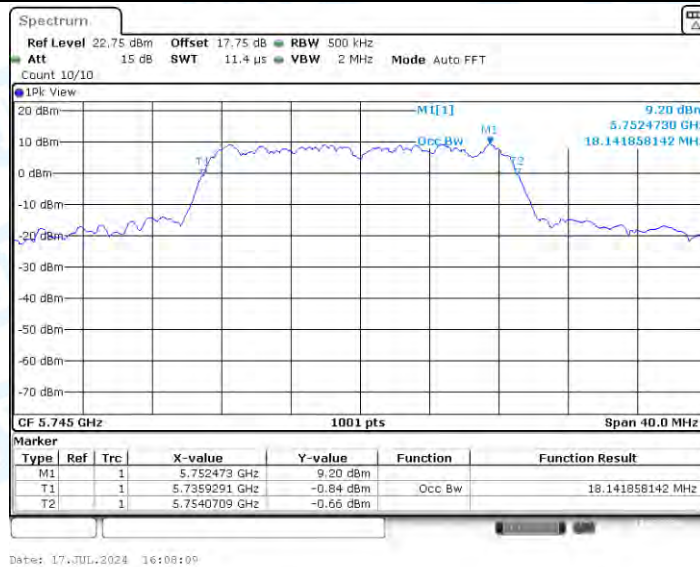
11N20SISO\_Ant1\_5580



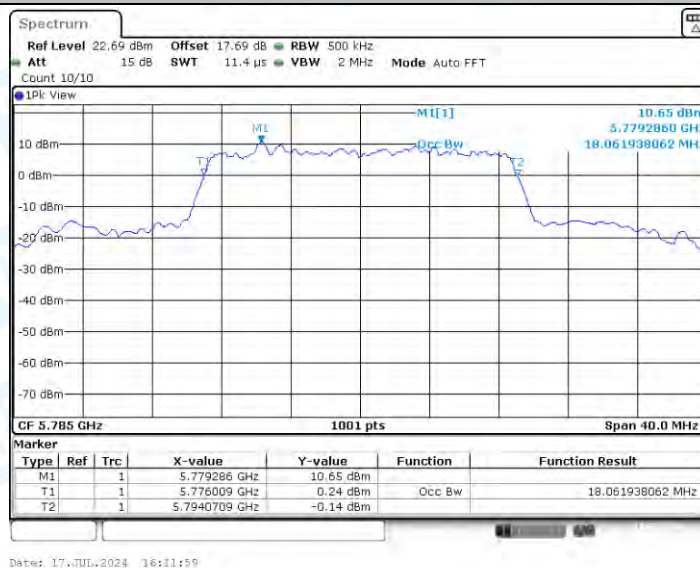
11N20SISO\_Ant1\_5700



11N20SISO\_Ant1\_5745



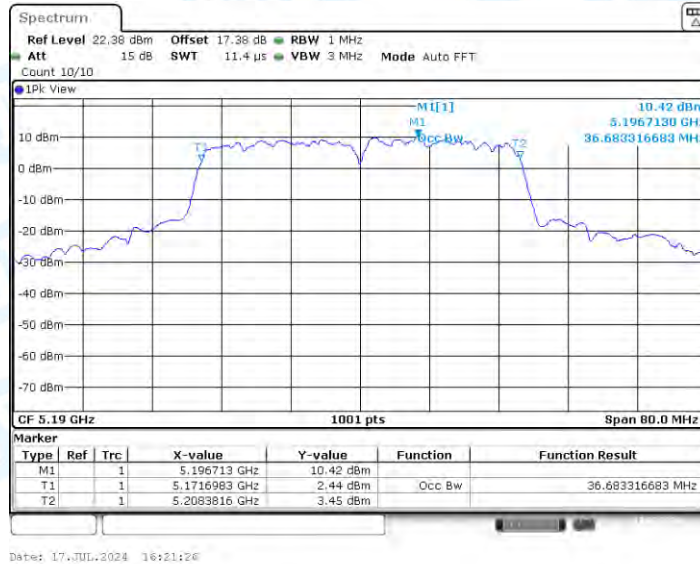
11N20SISO\_Ant1\_5785



11N20SISO\_Ant1\_5825



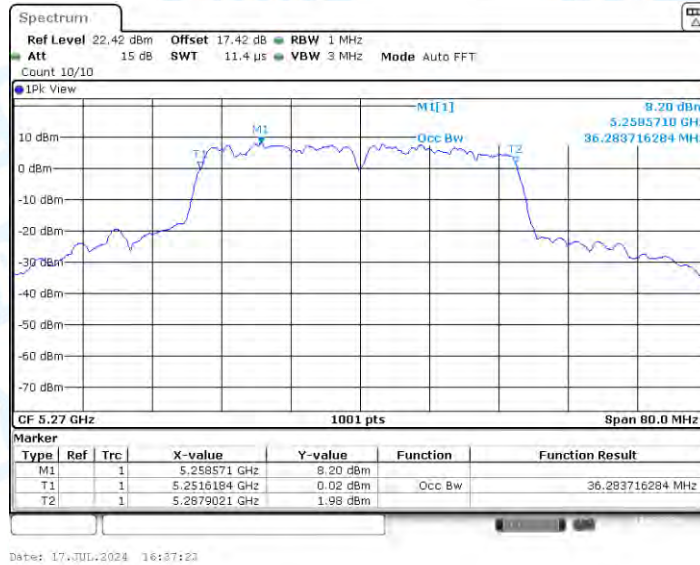
11N40SISO\_Ant1\_5190



11N40SISO\_Ant1\_5230



11N40SISO\_Ant1\_5270



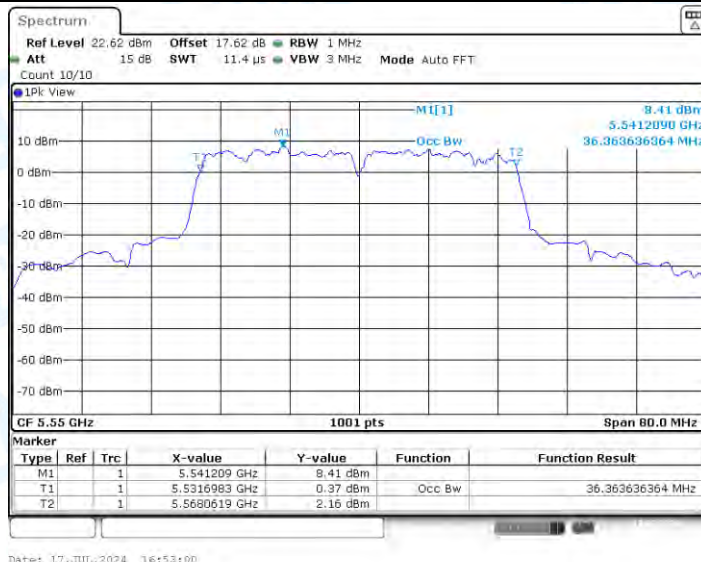
11N40SISO\_Ant1\_5310



11N40SISO\_Ant1\_5510



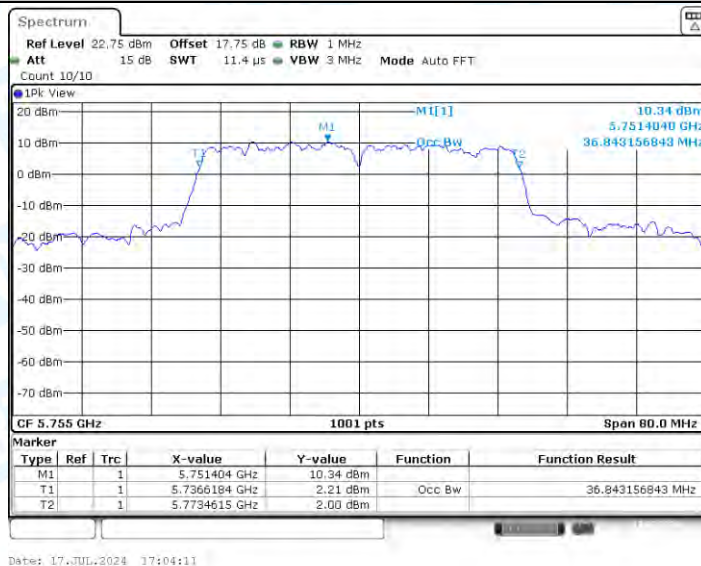
11N40SISO\_Ant1\_5550



11N40SISO\_Ant1\_5670



11N40SISO\_Ant1\_5755



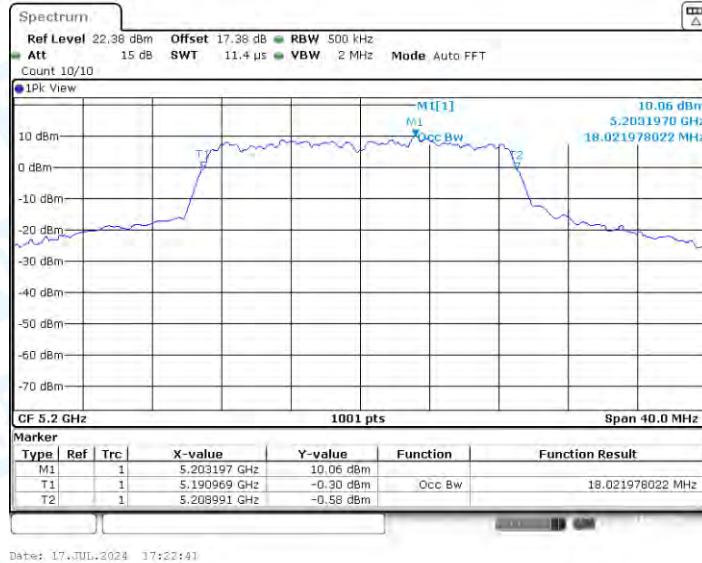
11N40SISO\_Ant1\_5795



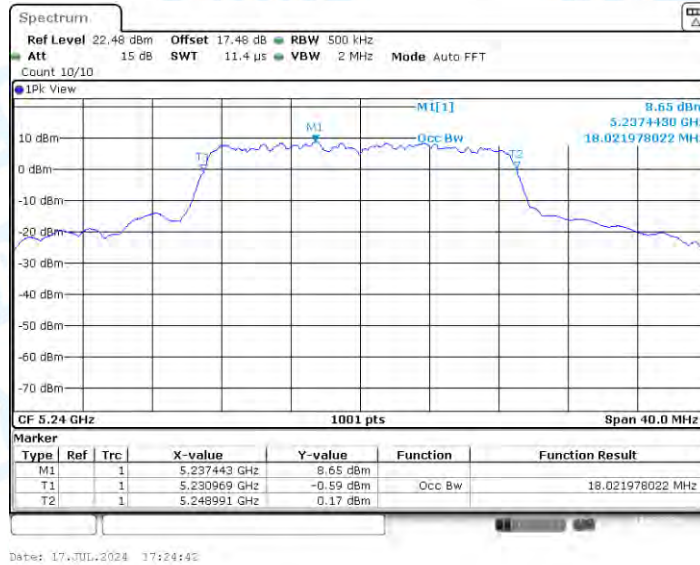
11AC20SISO\_Ant1\_5180



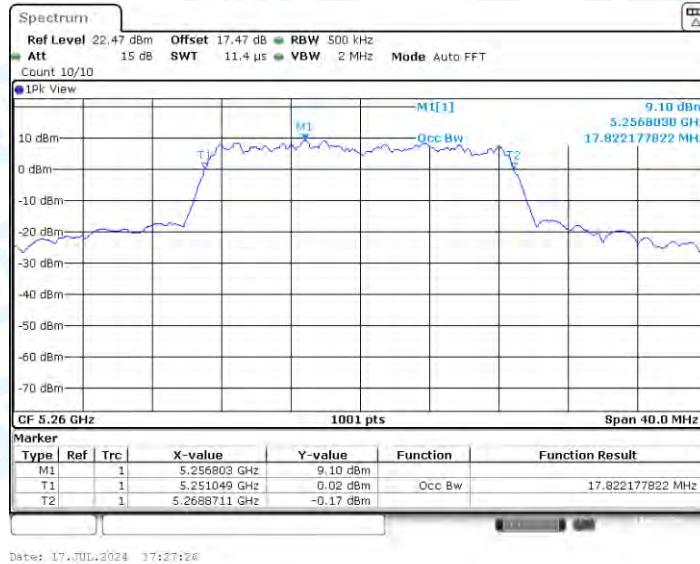
11AC20SISO\_Ant1\_5200



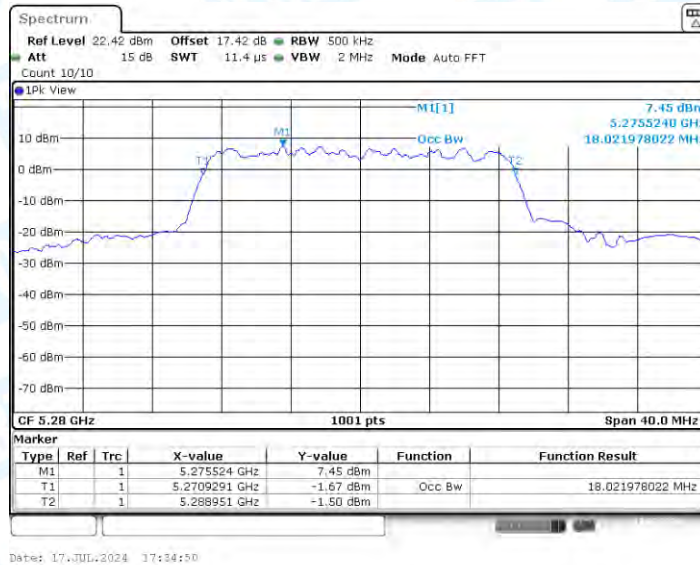
11AC20SISO\_Ant1\_5240



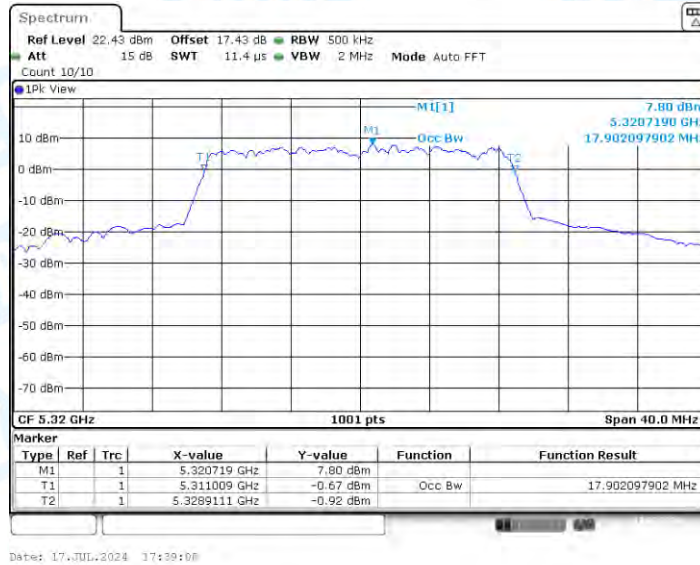
11AC20SISO\_Ant1\_5260



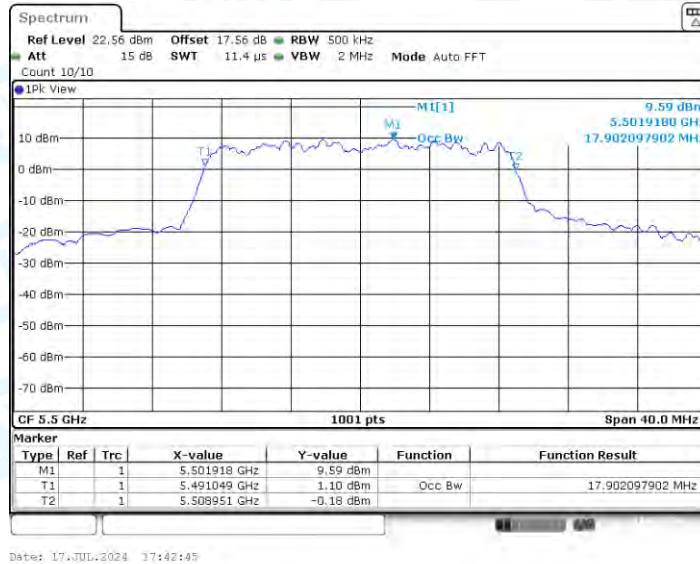
11AC20SISO\_Ant1\_5280



11AC20SISO\_Ant1\_5320



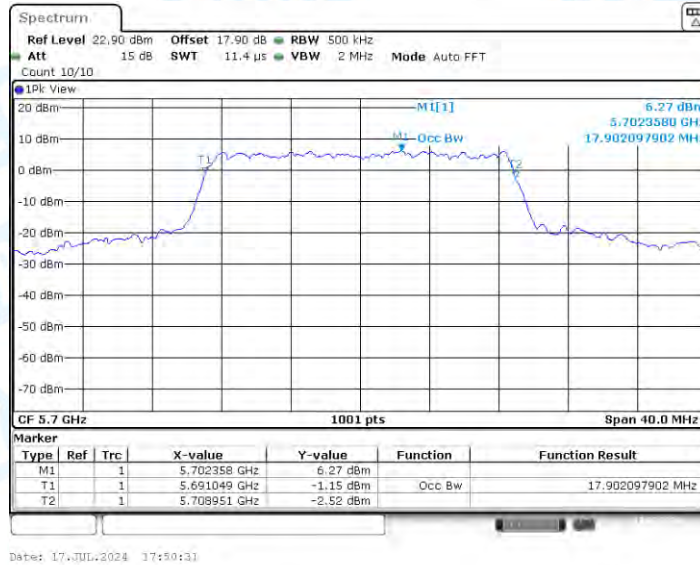
11AC20SISO\_Ant1\_5500



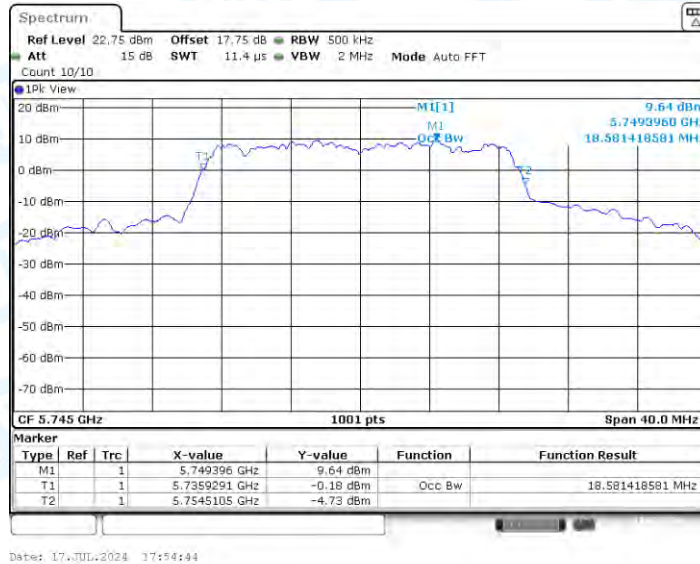
11AC20SISO\_Ant1\_5580



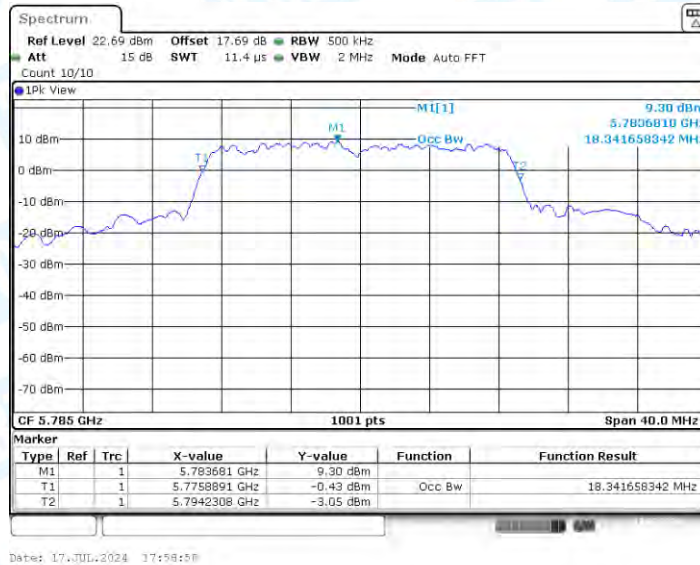
11AC20SISO\_Ant1\_5700



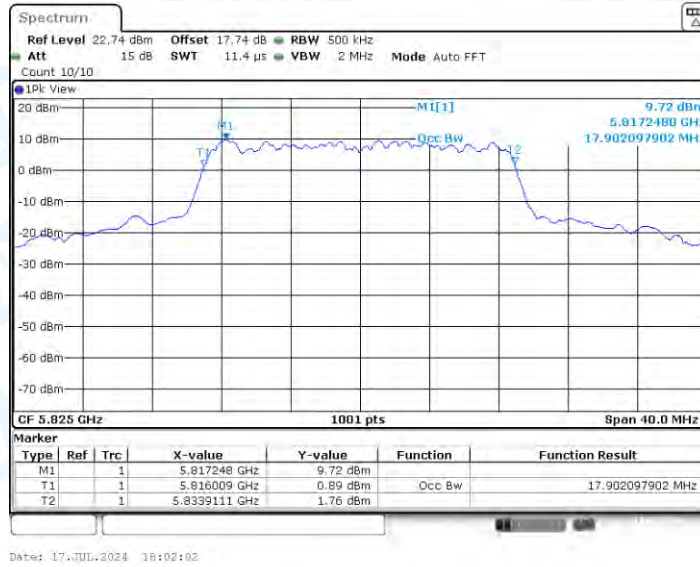
11AC20SISO\_Ant1\_5745



11AC20SISO\_Ant1\_5785



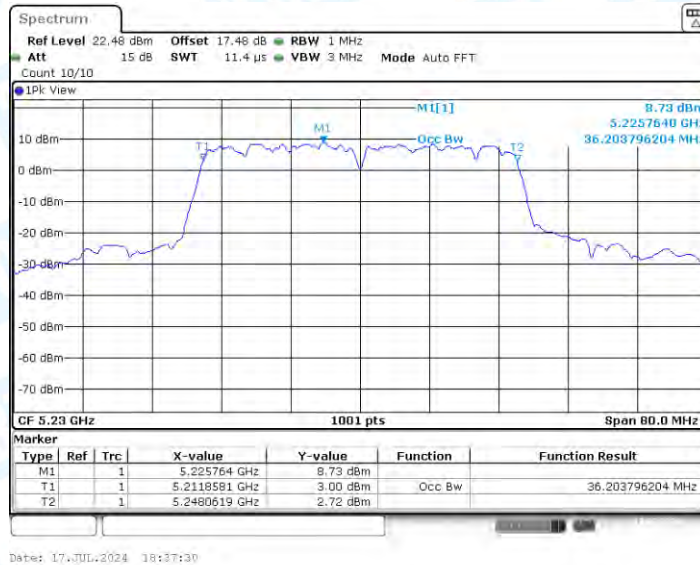
11AC20SISO\_Ant1\_5825



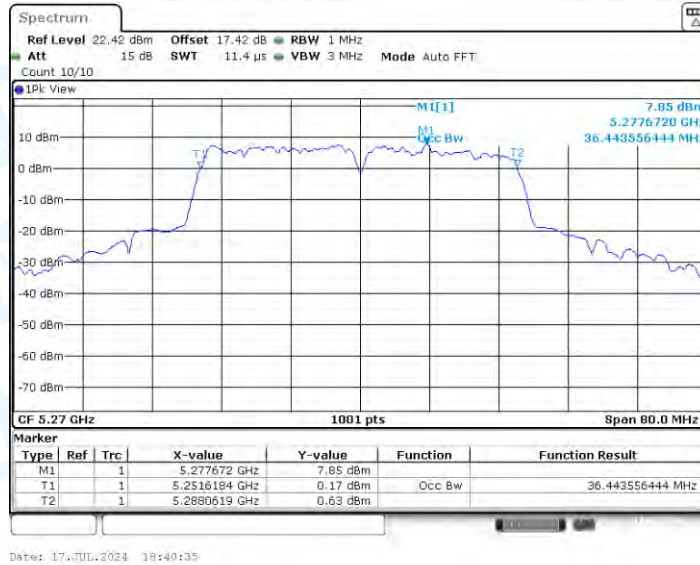
11AC40SISO\_Ant1\_5190



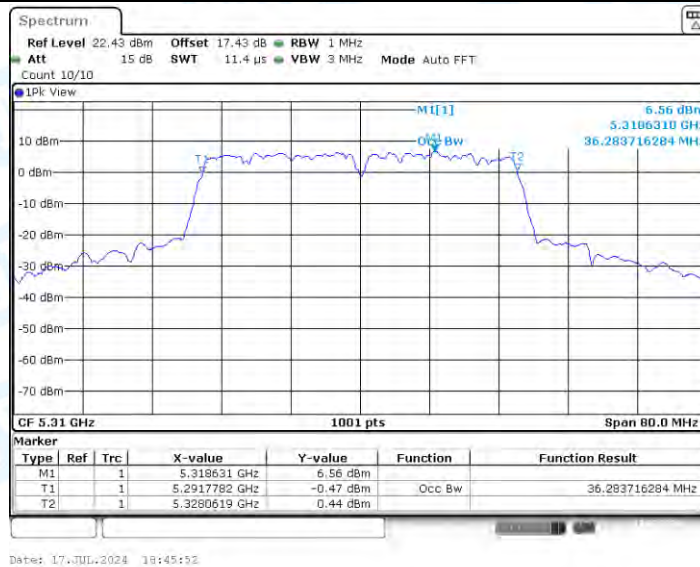
11AC40SISO\_Ant1\_5230



11AC40SISO\_Ant1\_5270



11AC40SISO\_Ant1\_5310



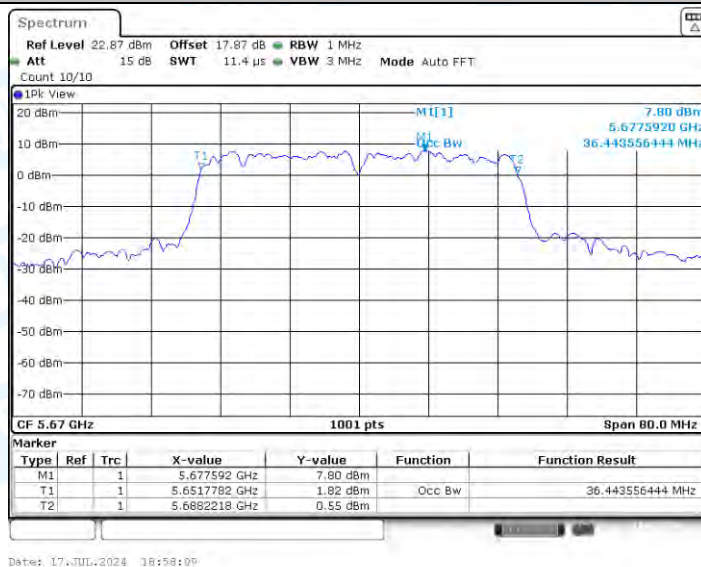
11AC40SISO\_Ant1\_5510



11AC40SISO\_Ant1\_5550



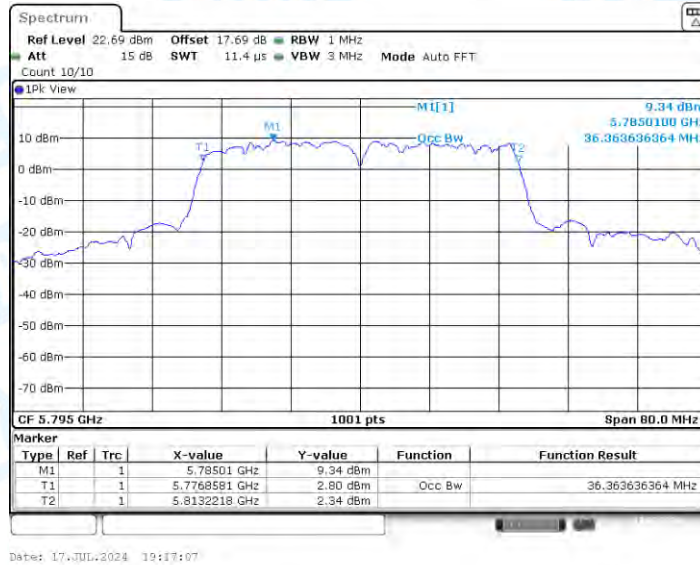
11AC40SISO\_Ant1\_5670



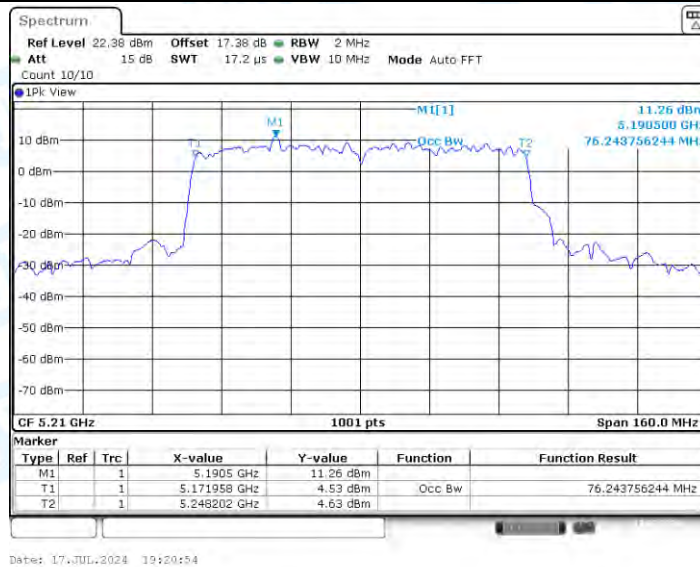
11AC40SISO\_Ant1\_5755



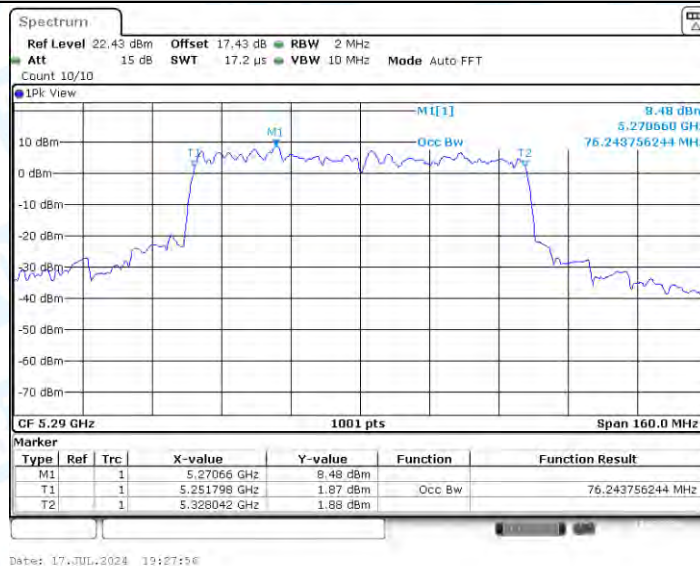
11AC40SISO\_Ant1\_5795



11AC80SISO\_Ant1\_5210



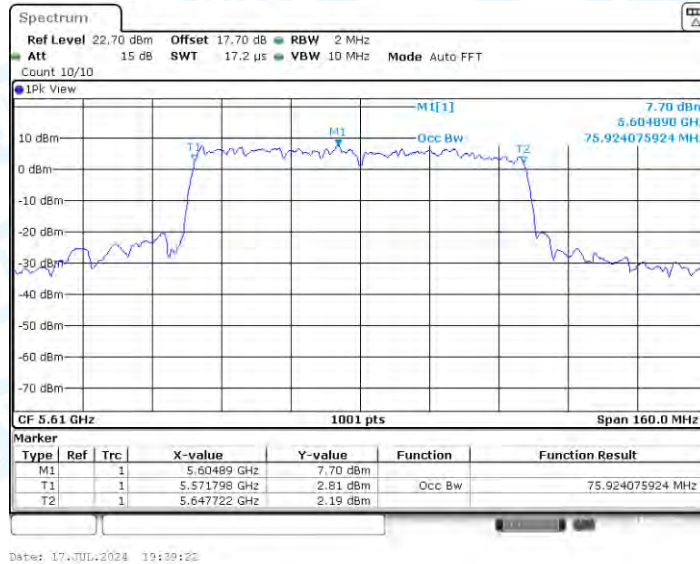
11AC80SISO\_Ant1\_5290



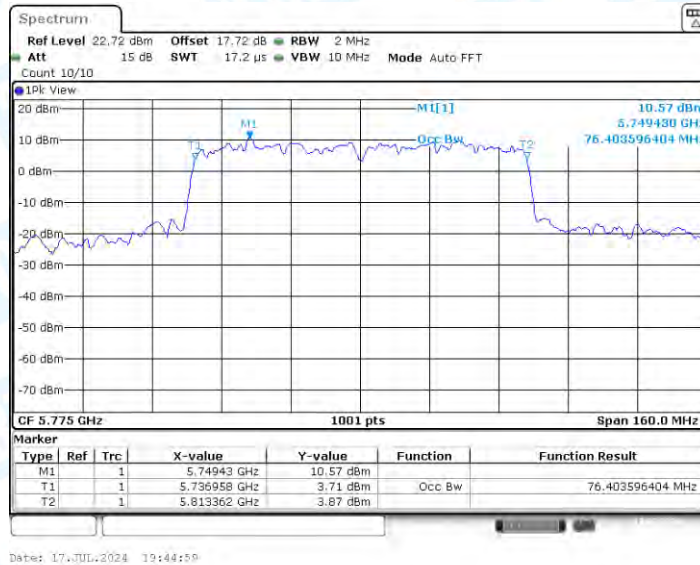
11AC80SISO\_Ant1\_5530



11AC80SISO\_Ant1\_5610



11AC80SISO\_Ant1\_5775



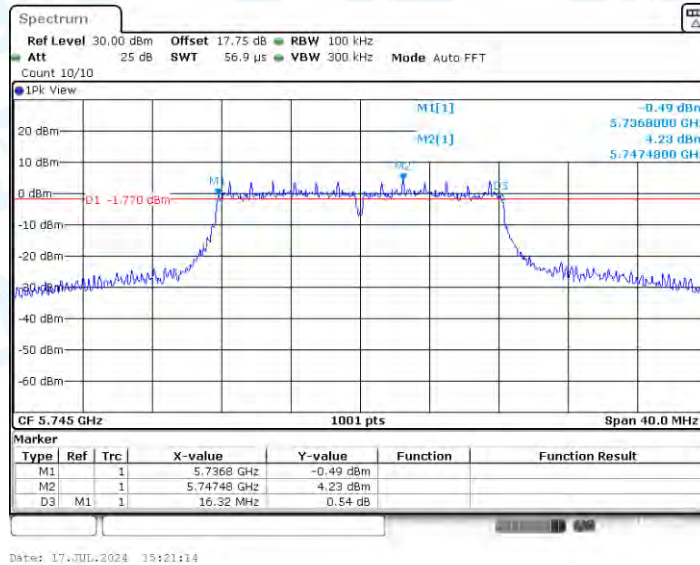
### 3. Min emission bandwidth

#### 3.1. Test Result

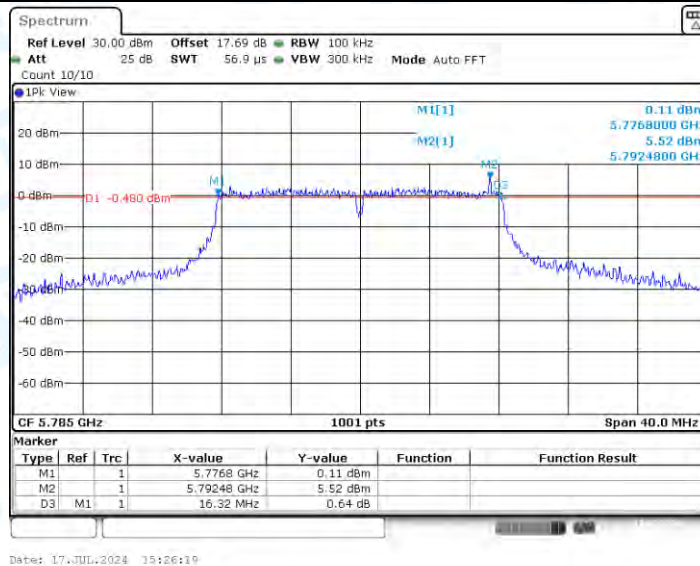
| TestMode   | Antenna | Channel | 6db EBW [MHz] | FL[MHz] | FH[MHz] | Limit[MHz] | Verdict |
|------------|---------|---------|---------------|---------|---------|------------|---------|
| 11A        | Ant1    | 5745    | 16.32         | 5736.80 | 5753.12 | 0.5        | PASS    |
|            |         | 5785    | 16.32         | 5776.80 | 5793.12 | 0.5        | PASS    |
|            |         | 5825    | 16.32         | 5816.80 | 5833.12 | 0.5        | PASS    |
| 11N20SISO  | Ant1    | 5745    | 17.40         | 5736.20 | 5753.60 | 0.5        | PASS    |
|            |         | 5785    | 17.40         | 5776.32 | 5793.72 | 0.5        | PASS    |
|            |         | 5825    | 17.48         | 5816.24 | 5833.72 | 0.5        | PASS    |
| 11N40SISO  | Ant1    | 5755    | 35.76         | 5737.00 | 5772.76 | 0.5        | PASS    |
|            |         | 5795    | 35.76         | 5777.16 | 5812.92 | 0.5        | PASS    |
| 11AC20SISO | Ant1    | 5745    | 17.24         | 5736.36 | 5753.60 | 0.5        | PASS    |
|            |         | 5785    | 17.16         | 5776.44 | 5793.60 | 0.5        | PASS    |
|            |         | 5825    | 17.56         | 5816.20 | 5833.76 | 0.5        | PASS    |
| 11AC40SISO | Ant1    | 5755    | 36.16         | 5737.00 | 5773.16 | 0.5        | PASS    |
|            |         | 5795    | 36.24         | 5776.92 | 5813.16 | 0.5        | PASS    |
| 11AC80SISO | Ant1    | 5775    | 75.68         | 5737.24 | 5812.92 | 0.5        | PASS    |

### 3.2.Test Graphs

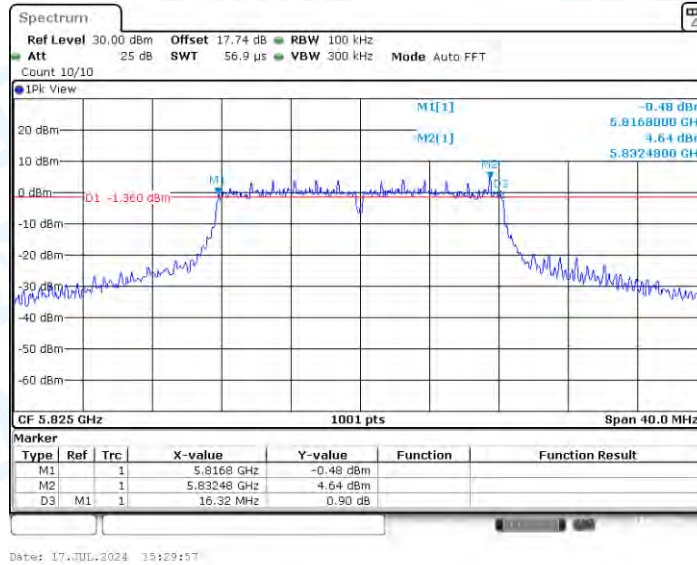
11A\_Ant1\_5745



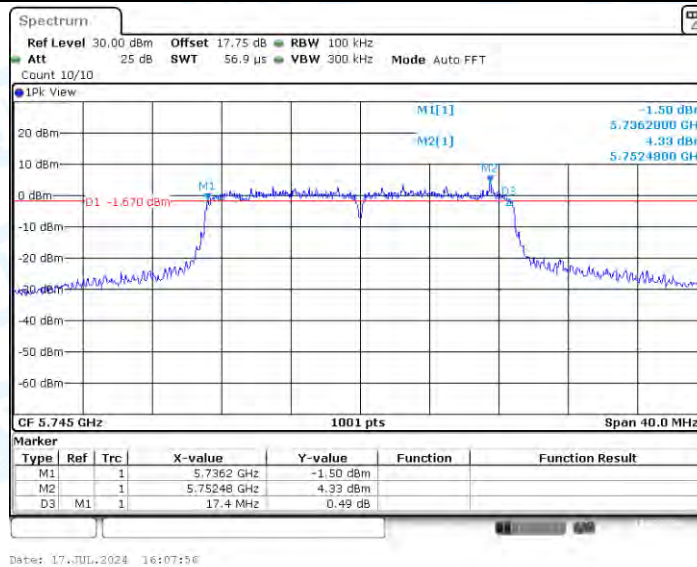
11A\_Ant1\_5785



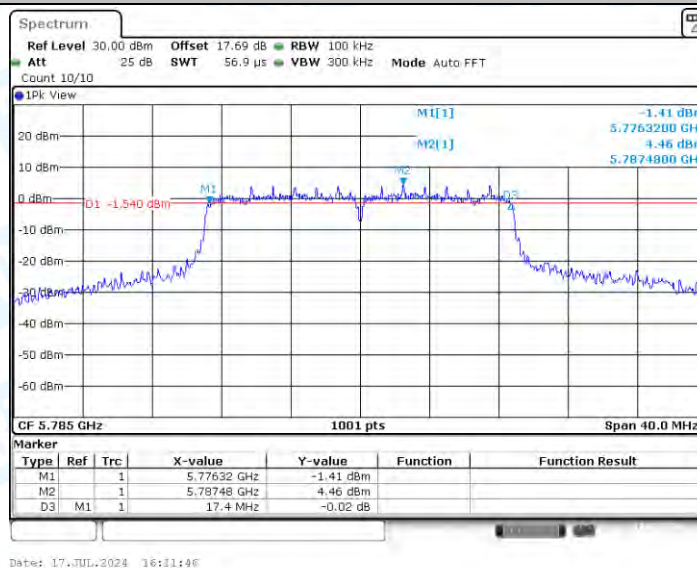
11A\_Ant1\_5825



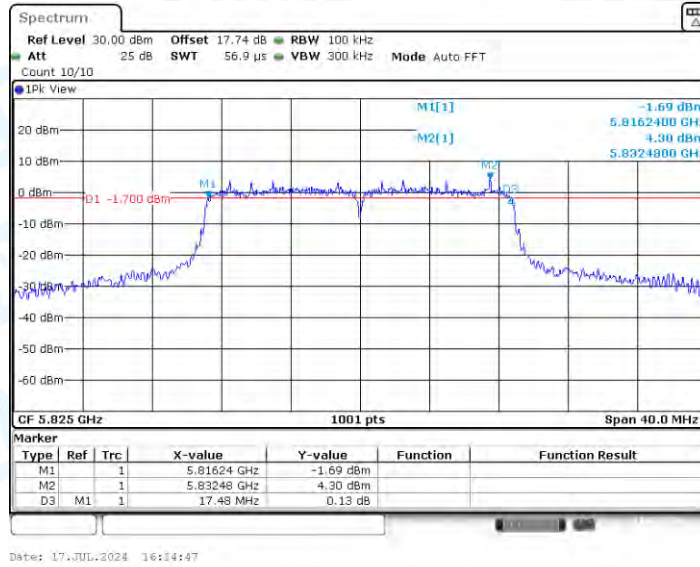
11N20SISO\_Ant1\_5745



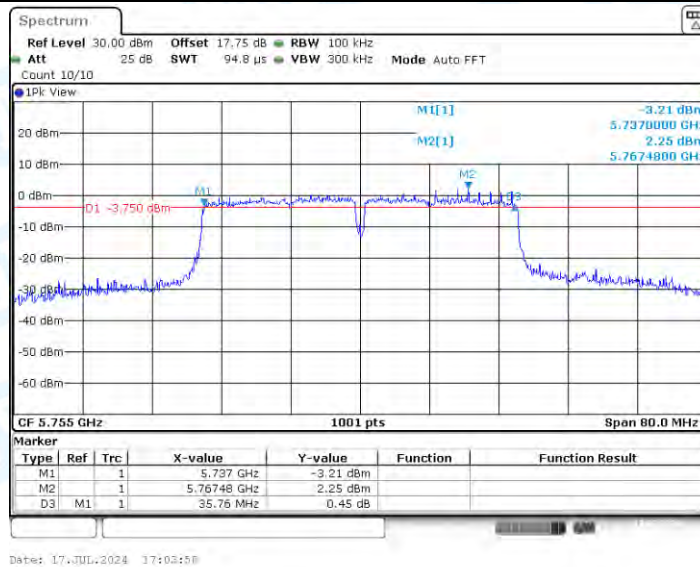
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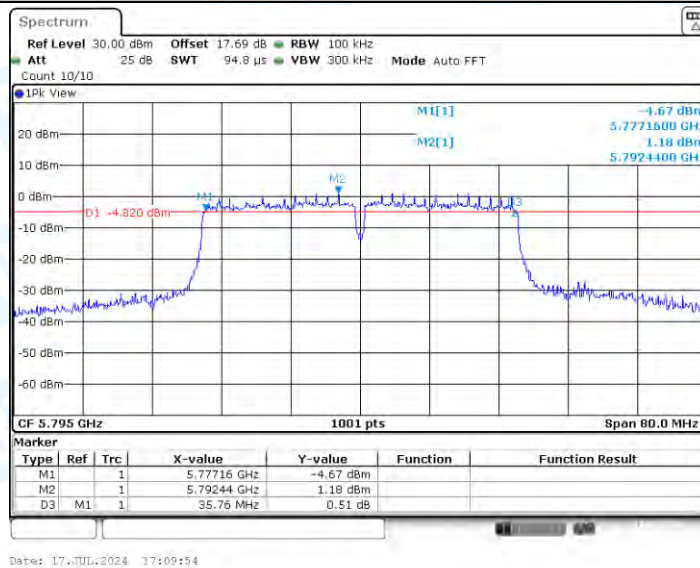
11N20SISO\_Ant1\_5825



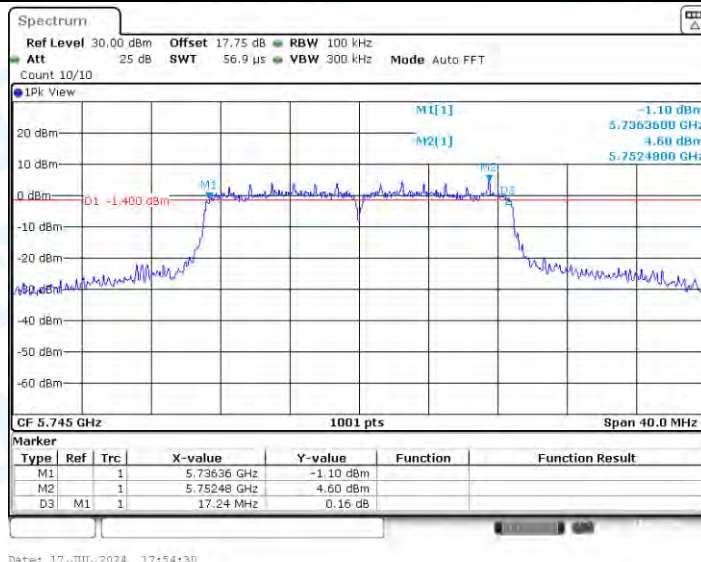
11N40SISO\_Ant1\_5755



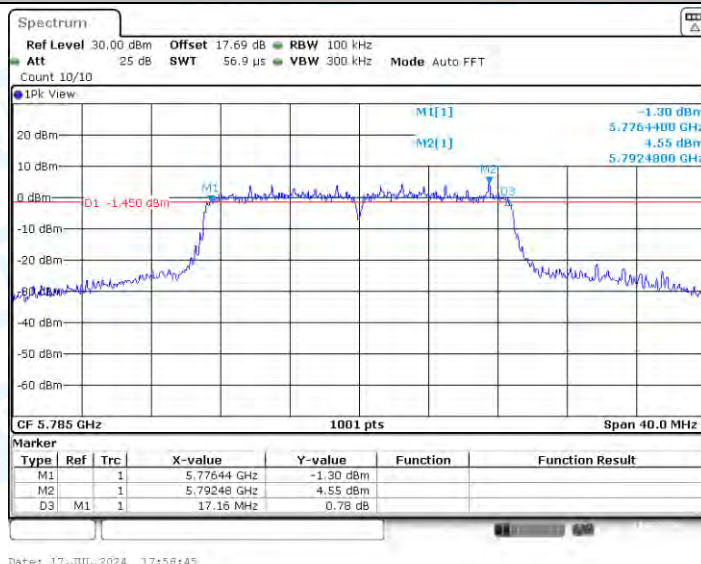
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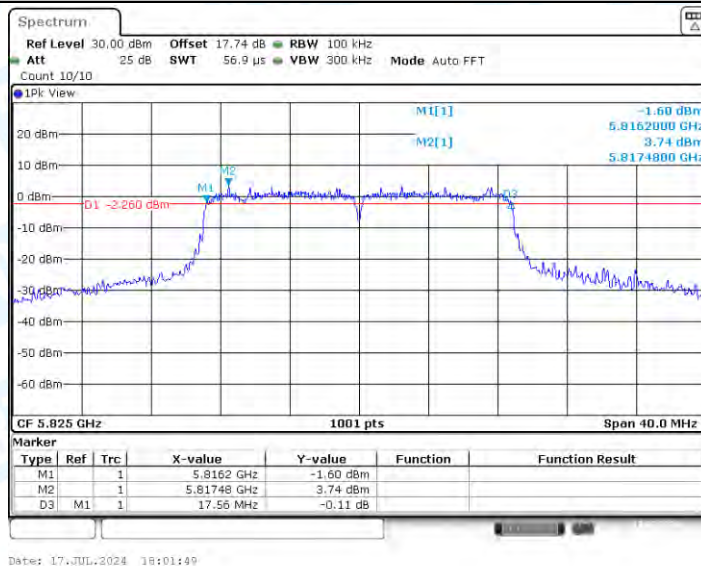
11AC20SISO\_Ant1\_5745



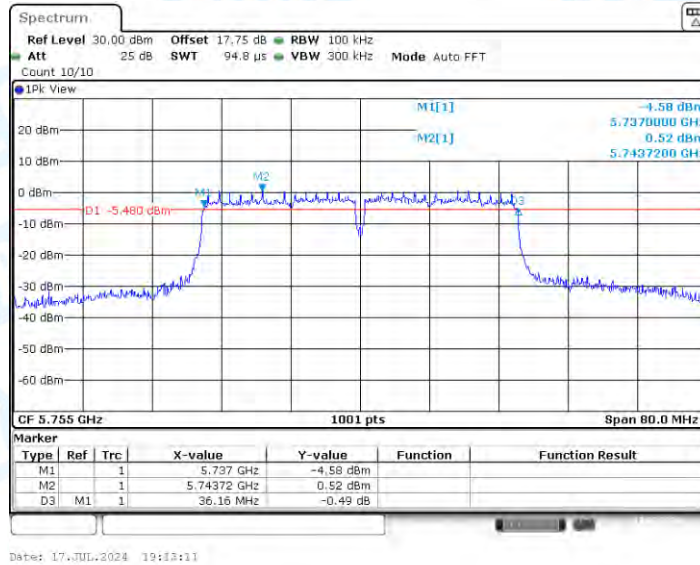
11AC20SISO\_Ant1\_5785



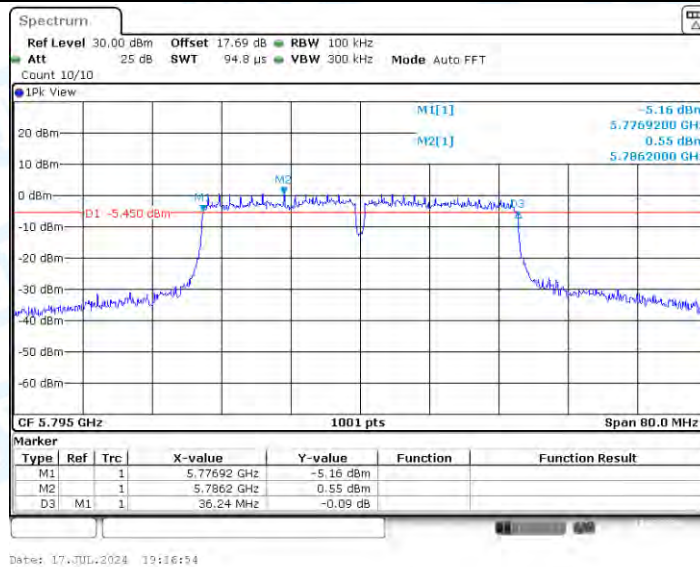
11AC20SISO\_Ant1\_5825



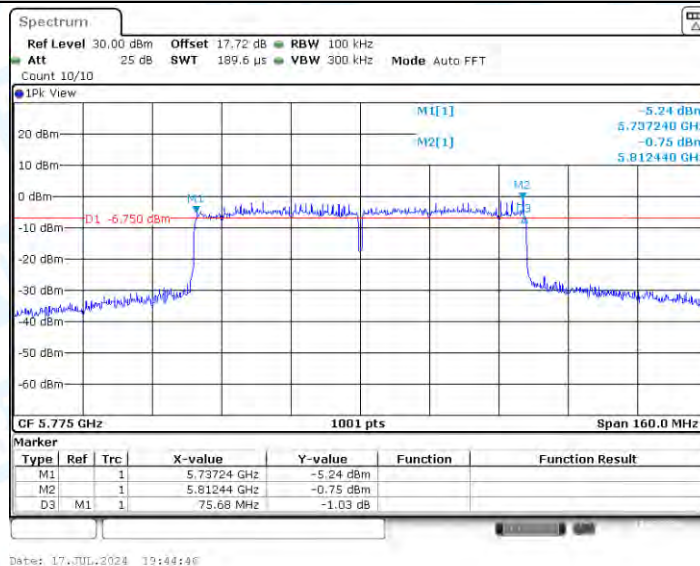
11AC40SISO\_Ant1\_5755



11AC40SISO\_Ant1\_5795



11AC80SISO\_Ant1\_5775



## 4. Maximum conducted output power

### 4.1. Test Result

| TestMode   | Antenna | Channel | Result[dBm] | Limit[dBm] | Verdict |
|------------|---------|---------|-------------|------------|---------|
| 11A        | Ant1    | 5180    | 15.84       | ≤23.98     | PASS    |
|            |         | 5200    | 14.58       | ≤23.98     | PASS    |
|            |         | 5240    | 14.14       | ≤23.98     | PASS    |
|            |         | 5260    | 14.57       | ≤23.98     | PASS    |
|            |         | 5280    | 14.77       | ≤23.98     | PASS    |
|            |         | 5320    | 14.96       | ≤23.98     | PASS    |
|            |         | 5500    | 15.86       | ≤23.98     | PASS    |
|            |         | 5580    | 15.06       | ≤23.98     | PASS    |
|            |         | 5700    | 15.23       | ≤23.98     | PASS    |
|            |         | 5745    | 14.83       | ≤30.00     | PASS    |
|            |         | 5785    | 15.99       | ≤30.00     | PASS    |
|            |         | 5825    | 14.77       | ≤30.00     | PASS    |
| 11N20SISO  | Ant1    | 5180    | 15.87       | ≤23.98     | PASS    |
|            |         | 5200    | 15.87       | ≤23.98     | PASS    |
|            |         | 5240    | 15.78       | ≤23.98     | PASS    |
|            |         | 5260    | 14.95       | ≤23.98     | PASS    |
|            |         | 5280    | 14.62       | ≤23.98     | PASS    |
|            |         | 5320    | 14.41       | ≤23.98     | PASS    |
|            |         | 5500    | 15.07       | ≤23.98     | PASS    |
|            |         | 5580    | 14.72       | ≤23.98     | PASS    |
|            |         | 5700    | 13.77       | ≤23.98     | PASS    |
|            |         | 5745    | 15.00       | ≤30.00     | PASS    |
|            |         | 5785    | 15.49       | ≤30.00     | PASS    |
|            |         | 5825    | 15.29       | ≤30.00     | PASS    |
| 11N40SISO  | Ant1    | 5190    | 15.01       | ≤23.98     | PASS    |
|            |         | 5230    | 14.71       | ≤23.98     | PASS    |
|            |         | 5270    | 13.75       | ≤23.98     | PASS    |
|            |         | 5310    | 14.73       | ≤23.98     | PASS    |
|            |         | 5510    | 14.00       | ≤23.98     | PASS    |
|            |         | 5550    | 14.06       | ≤23.98     | PASS    |
|            |         | 5670    | 13.60       | ≤23.98     | PASS    |
|            |         | 5755    | 15.17       | ≤30.00     | PASS    |
|            |         | 5795    | 15.21       | ≤30.00     | PASS    |
| 11AC20SISO | Ant1    | 5180    | 15.15       | ≤23.98     | PASS    |
|            |         | 5200    | 15.33       | ≤23.98     | PASS    |
|            |         | 5240    | 14.77       | ≤23.98     | PASS    |
|            |         | 5260    | 14.21       | ≤23.98     | PASS    |
|            |         | 5280    | 13.59       | ≤23.98     | PASS    |
|            |         | 5320    | 13.52       | ≤23.98     | PASS    |

|            |      |      |       |        |      |
|------------|------|------|-------|--------|------|
|            |      | 5500 | 14.97 | ≤23.98 | PASS |
|            |      | 5580 | 14.57 | ≤23.98 | PASS |
|            |      | 5700 | 13.85 | ≤23.98 | PASS |
|            |      | 5745 | 15.03 | ≤30.00 | PASS |
|            |      | 5785 | 15.33 | ≤30.00 | PASS |
|            |      | 5825 | 15.35 | ≤30.00 | PASS |
| 11AC40SISO | Ant1 | 5190 | 15.02 | ≤23.98 | PASS |
|            |      | 5230 | 14.77 | ≤23.98 | PASS |
|            |      | 5270 | 14.71 | ≤23.98 | PASS |
|            |      | 5310 | 14.65 | ≤23.98 | PASS |
|            |      | 5510 | 13.92 | ≤23.98 | PASS |
|            |      | 5550 | 14.56 | ≤23.98 | PASS |
|            |      | 5670 | 13.48 | ≤23.98 | PASS |
|            |      | 5755 | 15.02 | ≤30.00 | PASS |
|            |      | 5795 | 15.30 | ≤30.00 | PASS |
| 11AC80SISO | Ant1 | 5210 | 14.96 | ≤23.98 | PASS |
|            |      | 5290 | 14.37 | ≤23.98 | PASS |
|            |      | 5530 | 14.79 | ≤23.98 | PASS |
|            |      | 5610 | 15.02 | ≤23.98 | PASS |
|            |      | 5775 | 16.11 | ≤30.00 | PASS |

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

## 5. Maximum power spectral density

### 5.1. Test Result

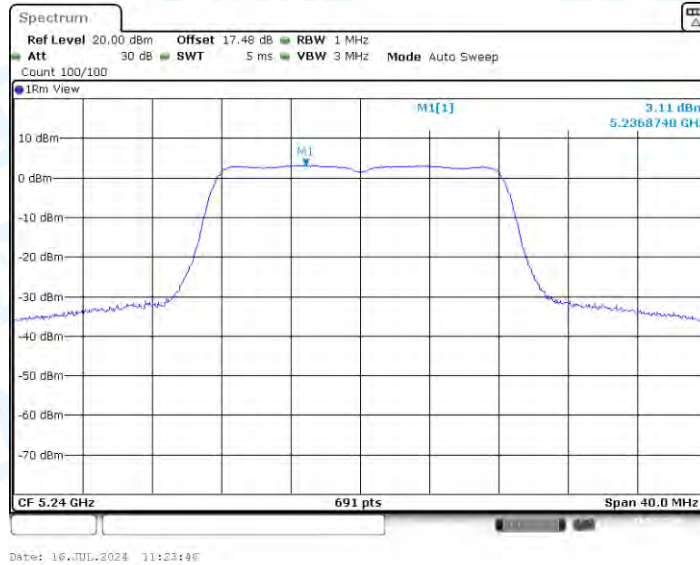
| TestMode   | Antenna | Channel | Result [dBm/MHz] | Limit[dBm/MHz] | Verdict |
|------------|---------|---------|------------------|----------------|---------|
| 11A        | Ant1    | 5180    | 3.78             | ≤11.00         | PASS    |
|            |         | 5200    | 3.67             | ≤11.00         | PASS    |
|            |         | 5240    | 3.21             | ≤11.00         | PASS    |
|            |         | 5260    | 3.68             | ≤11.00         | PASS    |
|            |         | 5280    | 2.70             | ≤11.00         | PASS    |
|            |         | 5320    | 2.42             | ≤11.00         | PASS    |
|            |         | 5500    | 4.81             | ≤11.00         | PASS    |
|            |         | 5580    | 4.26             | ≤11.00         | PASS    |
|            |         | 5700    | 4.55             | ≤11.00         | PASS    |
|            |         | 5745    | 1.09             | ≤30.00         | PASS    |
|            |         | 5785    | 2.19             | ≤30.00         | PASS    |
|            |         | 5825    | 1.11             | ≤30.00         | PASS    |
| 11N20SISO  | Ant1    | 5180    | 4.79             | ≤11.00         | PASS    |
|            |         | 5200    | 4.87             | ≤11.00         | PASS    |
|            |         | 5240    | 4.51             | ≤11.00         | PASS    |
|            |         | 5260    | 4.04             | ≤11.00         | PASS    |
|            |         | 5280    | 3.20             | ≤11.00         | PASS    |
|            |         | 5320    | 3.77             | ≤11.00         | PASS    |
|            |         | 5500    | 3.81             | ≤11.00         | PASS    |
|            |         | 5580    | 3.63             | ≤11.00         | PASS    |
|            |         | 5700    | 2.66             | ≤11.00         | PASS    |
|            |         | 5745    | 1.11             | ≤30.00         | PASS    |
|            |         | 5785    | 1.26             | ≤30.00         | PASS    |
|            |         | 5825    | 1.19             | ≤30.00         | PASS    |
| 11N40SISO  | Ant1    | 5190    | 1.08             | ≤11.00         | PASS    |
|            |         | 5230    | 0.67             | ≤11.00         | PASS    |
|            |         | 5270    | -0.36            | ≤11.00         | PASS    |
|            |         | 5310    | 0.56             | ≤11.00         | PASS    |
|            |         | 5510    | -0.01            | ≤11.00         | PASS    |
|            |         | 5550    | 0.62             | ≤11.00         | PASS    |
|            |         | 5670    | -0.21            | ≤11.00         | PASS    |
|            |         | 5755    | -1.70            | ≤30.00         | PASS    |
|            |         | 5795    | -1.88            | ≤30.00         | PASS    |
| 11AC20SISO | Ant1    | 5180    | 3.95             | ≤11.00         | PASS    |
|            |         | 5200    | 4.09             | ≤11.00         | PASS    |
|            |         | 5240    | 3.68             | ≤11.00         | PASS    |
|            |         | 5260    | 3.20             | ≤11.00         | PASS    |
|            |         | 5280    | 2.22             | ≤11.00         | PASS    |
|            |         | 5320    | 2.35             | ≤11.00         | PASS    |
|            |         | 5500    | 3.87             | ≤11.00         | PASS    |

|            |      |      |       |        |      |
|------------|------|------|-------|--------|------|
|            |      | 5580 | 3.60  | ≤11.00 | PASS |
|            |      | 5700 | 1.59  | ≤11.00 | PASS |
|            |      | 5745 | 1.09  | ≤30.00 | PASS |
|            |      | 5785 | 1.21  | ≤30.00 | PASS |
|            |      | 5825 | 1.27  | ≤30.00 | PASS |
| 11AC40SISO | Ant1 | 5190 | 1.04  | ≤11.00 | PASS |
|            |      | 5230 | 0.71  | ≤11.00 | PASS |
|            |      | 5270 | -0.42 | ≤11.00 | PASS |
|            |      | 5310 | 0.54  | ≤11.00 | PASS |
|            |      | 5510 | -0.09 | ≤11.00 | PASS |
|            |      | 5550 | 0.67  | ≤11.00 | PASS |
|            |      | 5670 | -0.28 | ≤11.00 | PASS |
|            |      | 5755 | -1.95 | ≤30.00 | PASS |
|            |      | 5795 | -1.81 | ≤30.00 | PASS |
| 11AC80SISO | Ant1 | 5210 | -2.40 | ≤11.00 | PASS |
|            |      | 5290 | -2.64 | ≤11.00 | PASS |
|            |      | 5530 | -2.37 | ≤11.00 | PASS |
|            |      | 5610 | -1.84 | ≤11.00 | PASS |
|            |      | 5775 | -4.11 | ≤30.00 | PASS |

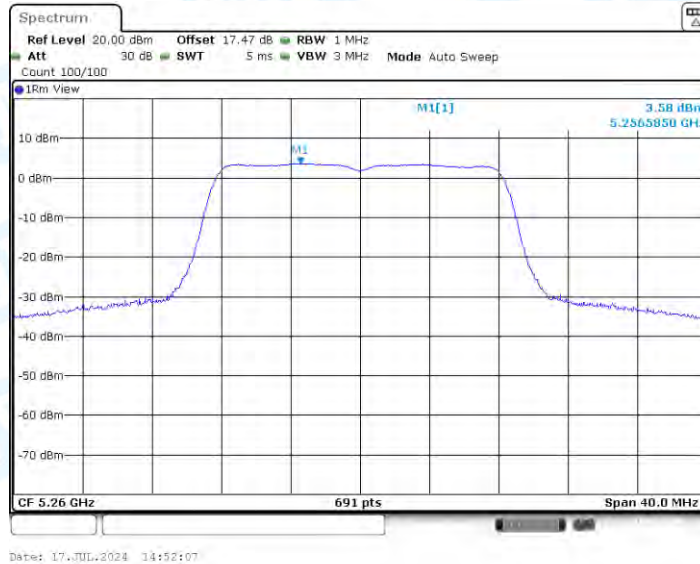
Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.  
2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

## 5.2.Test Graphs





11A\_Ant1\_5260



11A\_Ant1\_5280



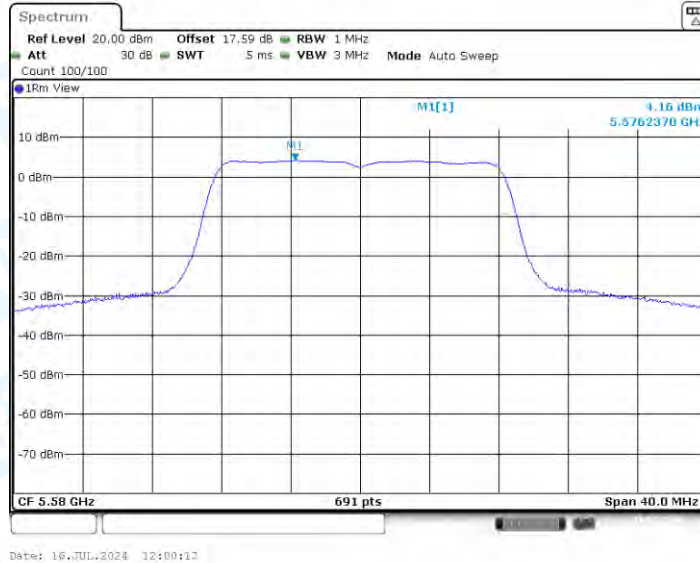
11A\_Ant1\_5320



11A\_Ant1\_5500



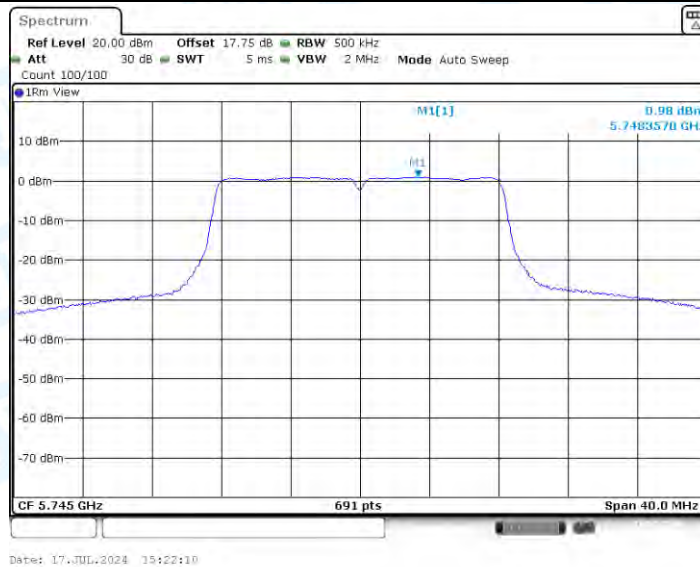
11A\_Ant1\_5580



11A\_Ant1\_5700



11A\_Ant1\_5745



11A\_Ant1\_5785



11A\_Ant1\_5825



11N20SISO\_Ant1\_5180



11N20SISO\_Ant1\_5200



11N20SISO\_Ant1\_5240



11N20SISO\_Ant1\_5260



11N20SISO\_Ant1\_5280



11N20SISO\_Ant1\_5320



11N20SISO\_Ant1\_5500



11N20SISO\_Ant1\_5580



11N20SISO\_Ant1\_5700



11N20SISO\_Ant1\_5745



11N20SISO\_Ant1\_5785



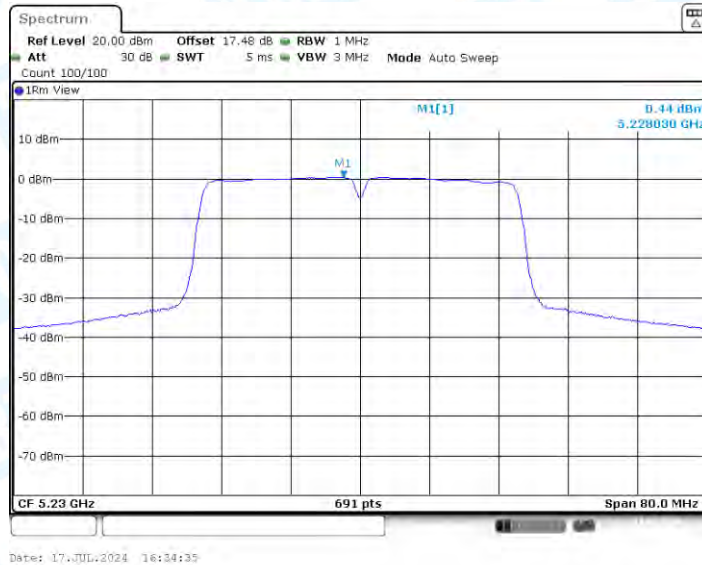
11N20SISO\_Ant1\_5825



11N40SISO\_Ant1\_5190



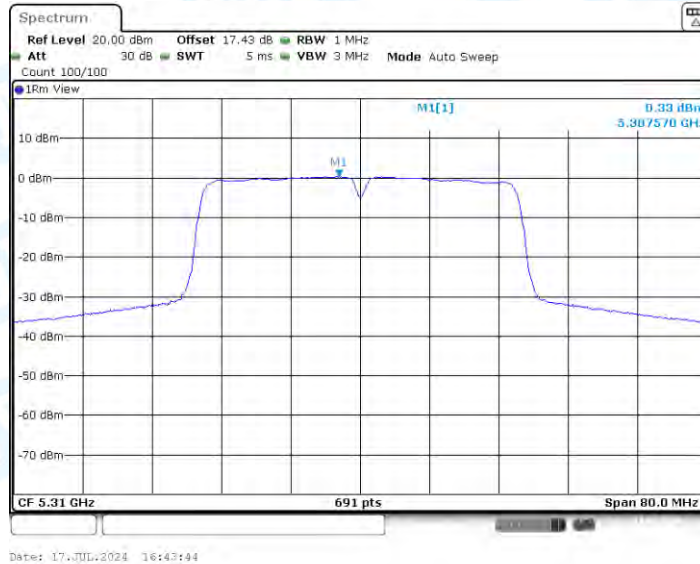
11N40SISO\_Ant1\_5230



11N40SISO\_Ant1\_5270



11N40SISO\_Ant1\_5310



11N40SISO\_Ant1\_5510



11N40SISO\_Ant1\_5550



11N40SISO\_Ant1\_5670



11N40SISO\_Ant1\_5755



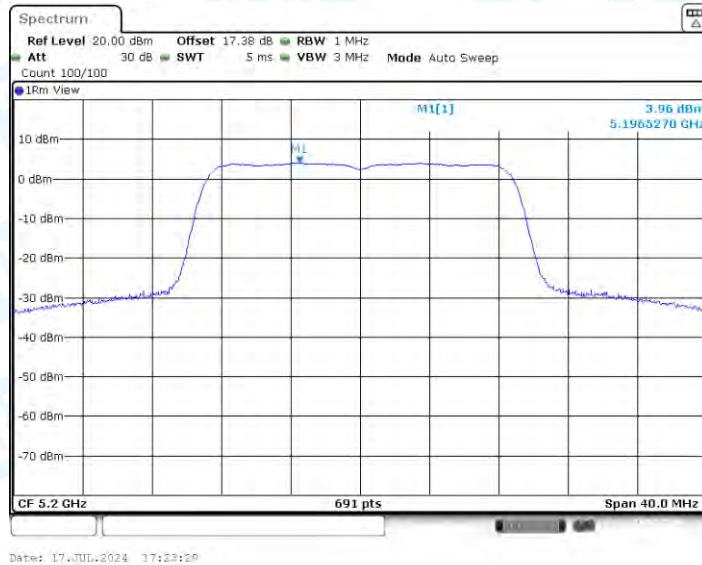
11N40SISO\_Ant1\_5795



11AC20SISO\_Ant1\_5180



11AC20SISO\_Ant1\_5200



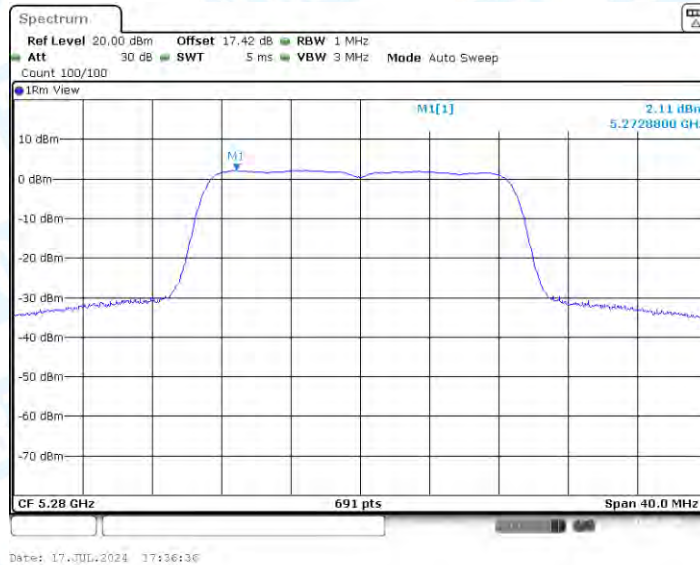
11AC20SISO\_Ant1\_5240



11AC20SISO\_Ant1\_5260



11AC20SISO\_Ant1\_5280



11AC20SISO\_Ant1\_5320