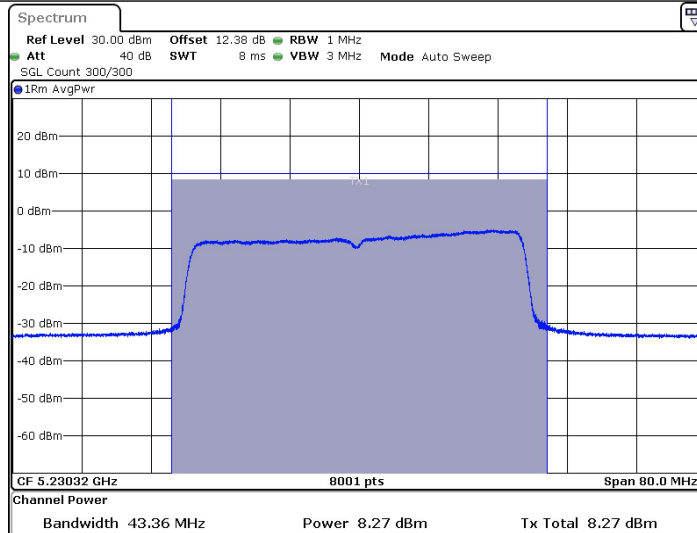
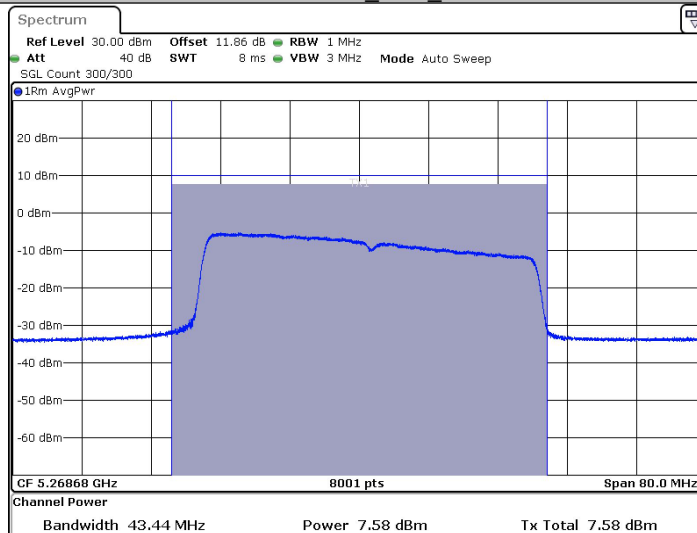


11AX40SISO\_Ant1\_5230



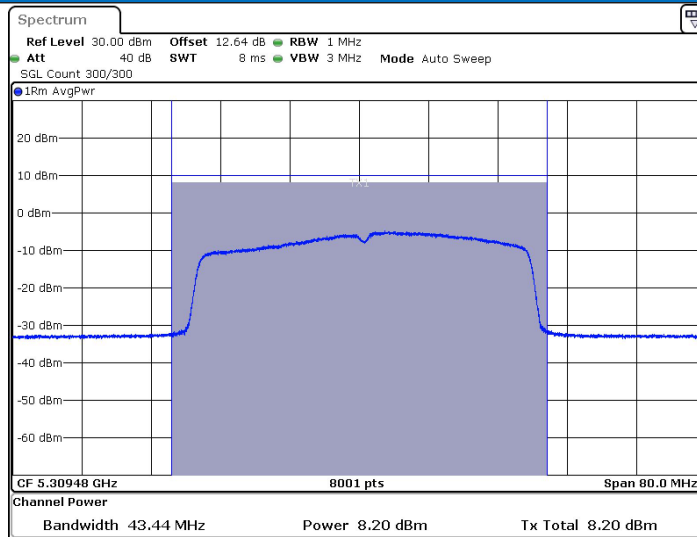
Date: 18 JAN 2025 15:05:27

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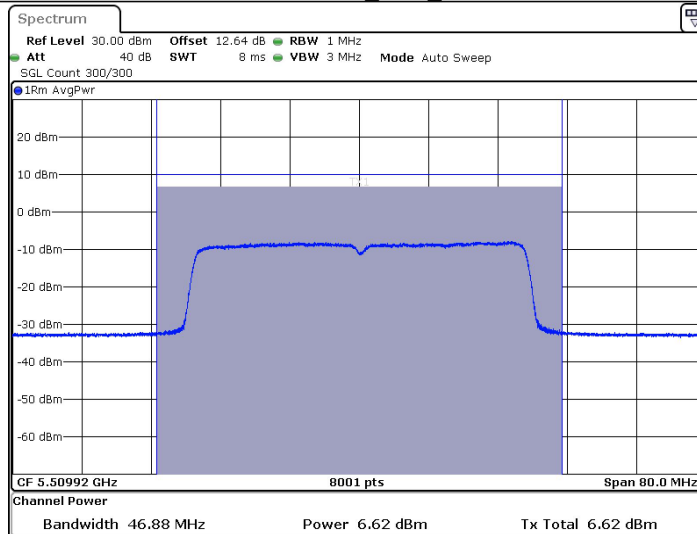
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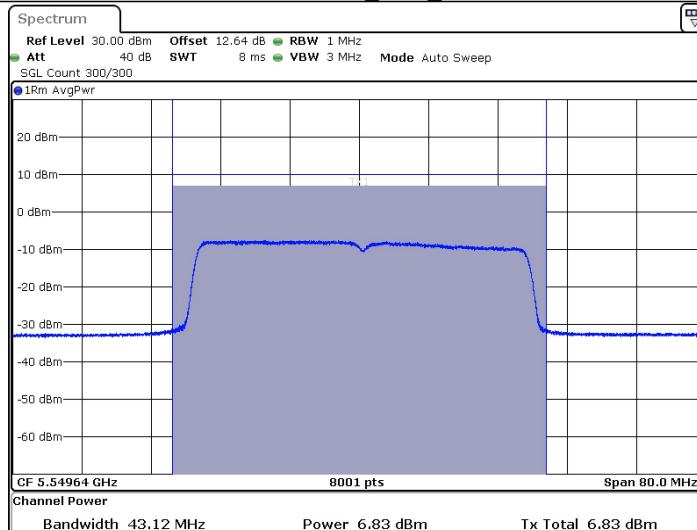
Date: 18 JAN 2025 15:08:29

11AX40SISO\_Ant1\_5510



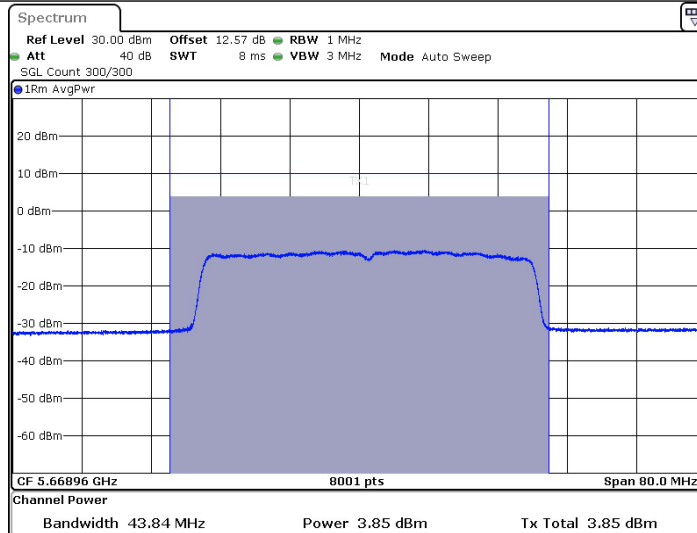
Date: 18 JAN 2025 15:12:09

11AX40SISO\_Ant1\_5550



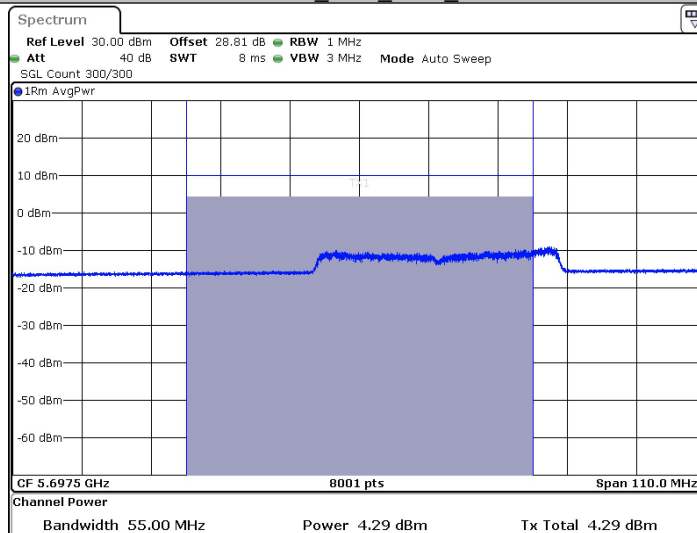
Date: 18 JAN 2025 15:13:48

11AX40SISO\_Ant1\_5670



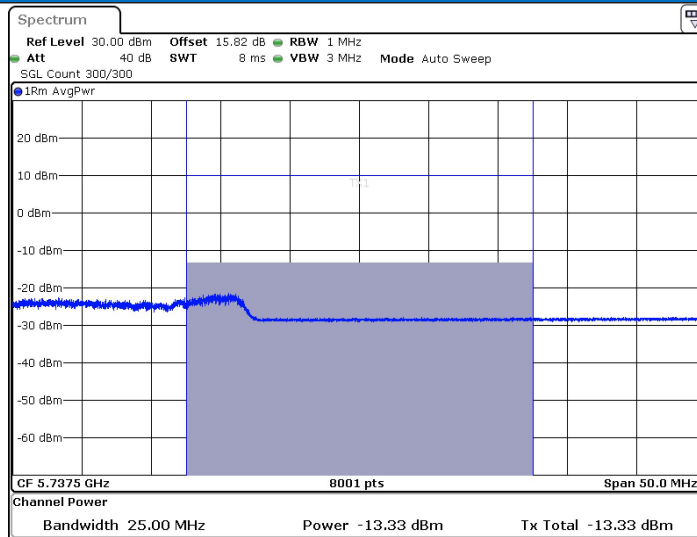
Date: 18.JAN.2025 15:16:05

11AX40SISO\_Ant1\_5710\_UNII-2C



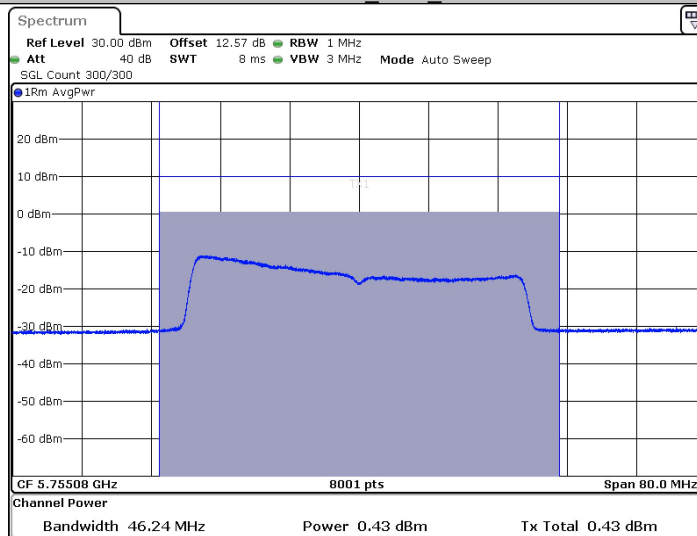
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11AX40SISO\_Ant1\_5710\_UNII-3



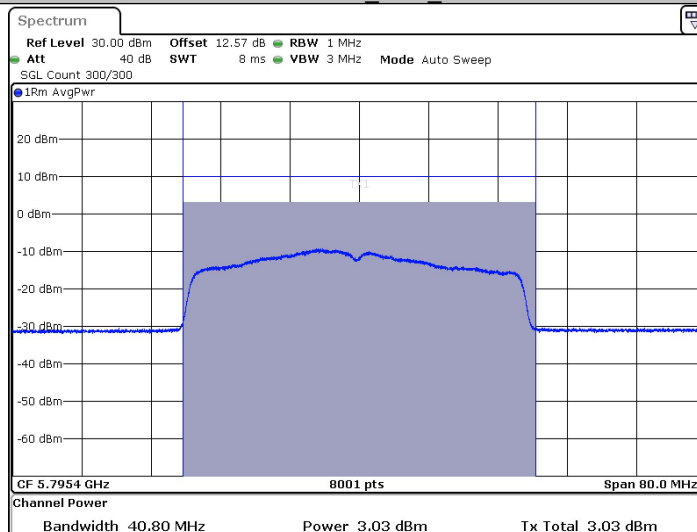
Date: 17.FEB.2025 16:10:13

11AX40SISO\_Ant1\_5755



Date: 18.JAN.2025 15:17:50

11AX40SISO\_Ant1\_5795



Date: 18.JAN.2025 15:19:46

Remark:

$Av.Power = Meas.Level + 10 \log (1/duty \text{ cycle})$

$E.i.r.p = Av.Power + G$ ,

G = antenna gain in dBi.

## Appendix C): Maximum Power Spectral Density

Test Requirement 47 CFR Part 15, Subpart C 15.407 (a)

Test Method: KDB 789033 D02 II F

### Test Procedure:

#### For 5150-5725MHz:

1. Connect EUT RF output port to the Spectrum Analyzer through an RF attenuator
2. Set the EUT Work on operation frequency individually.
3. Set RBW = 1MHz.
4. Set the VBW  $\geq 3 \times$  RBW. Detector = Peak. Trace mode = max hold.

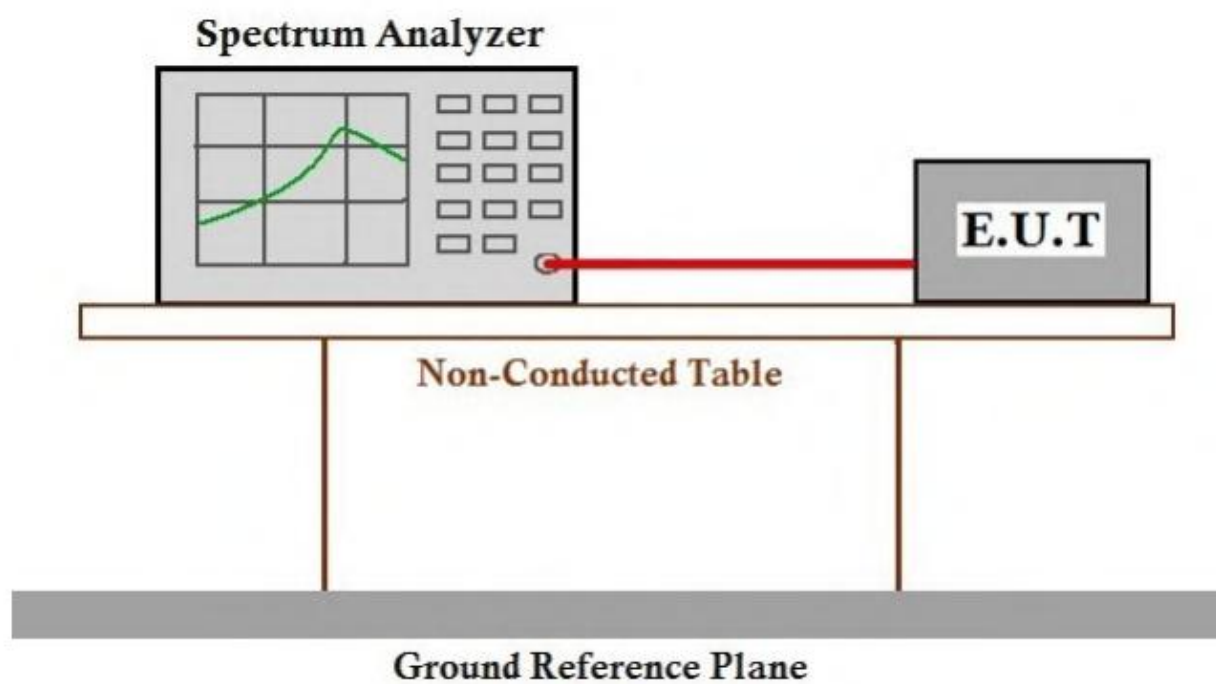
#### For 5725-5850MHz:

1. Connect EUT RF output port to the Spectrum Analyzer through an RF attenuator
2. Set the EUT Work on operation frequency individually.
3. Set RBW = 500KHz.
4. Set the VBW  $\geq 3 \times$  RBW. Detector = Peak. Trace mode = max hold.

Limit:

| Frequency band(MHz) | Limit                                                                                                                                                    |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| 5150-5250           | $\leq 17\text{dBm}$ in 1MHz for master device                                                                                                            |
|                     | $\leq 11\text{dBm}$ in 1MHz for client device                                                                                                            |
| 5250-5350           | $\leq 11\text{dBm}$ in 1MHz for client device                                                                                                            |
| 5470-5725           | $\leq 11\text{dBm}$ in 1MHz for client device                                                                                                            |
| 5725-5850           | $\leq 30\text{dBm}$ in 500 kHz                                                                                                                           |
| Remark:             | The maximum power spectral density is measured as a conducted emission by direct connection of a calibrated test instrument to the equipment under test. |

### Test Setup Diagram



Result Table

| TestMode  | Freq(MHz)    | Result [dBm/MHz] | Limit[dBm/MHz] | Verdict |
|-----------|--------------|------------------|----------------|---------|
| 11A       | 5180         | 4.51             | ≤11.00         | PASS    |
|           | 5200         | 3.16             | ≤11.00         | PASS    |
|           | 5240         | 3.58             | ≤11.00         | PASS    |
|           | 5260         | 2.99             | ≤11.00         | PASS    |
|           | 5280         | -0.68            | ≤11.00         | PASS    |
|           | 5320         | 3.62             | ≤11.00         | PASS    |
|           | 5500         | 2.29             | ≤11.00         | PASS    |
|           | 5580         | -0.49            | ≤11.00         | PASS    |
|           | 5720_UNII-2C | -1.98            | ≤11.00         | PASS    |
|           | 5720_UNII-3  | -4.10            | ≤30.00         | PASS    |
|           | 5745         | -1.77            | ≤30.00         | PASS    |
|           | 5785         | -1.07            | ≤30.00         | PASS    |
|           | 5825         | -6.84            | ≤30.00         | PASS    |
| 11N20SISO | 5180         | 3.07             | ≤11.00         | PASS    |
|           | 5200         | 3.42             | ≤11.00         | PASS    |
|           | 5240         | 3.92             | ≤11.00         | PASS    |
|           | 5260         | 2.17             | ≤11.00         | PASS    |
|           | 5280         | -0.79            | ≤11.00         | PASS    |
|           | 5320         | 2.91             | ≤11.00         | PASS    |
|           | 5500         | 1.31             | ≤11.00         | PASS    |
|           | 5580         | -1.08            | ≤11.00         | PASS    |
|           | 5720_UNII-2C | -3.13            | ≤11.00         | PASS    |
|           | 5720_UNII-3  | -3.90            | ≤30.00         | PASS    |
|           | 5745         | -2.12            | ≤30.00         | PASS    |
|           | 5785         | -1.49            | ≤30.00         | PASS    |
|           | 5825         | -7.40            | ≤30.00         | PASS    |
| 11N40SISO | 5190         | 1.01             | ≤11.00         | PASS    |
|           | 5230         | -0.53            | ≤11.00         | PASS    |
|           | 5270         | -9.90            | ≤11.00         | PASS    |
|           | 5310         | -8.99            | ≤11.00         | PASS    |
|           | 5510         | -10.25           | ≤11.00         | PASS    |
|           | 5550         | -11.23           | ≤11.00         | PASS    |
|           | 5670         | -11.36           | ≤11.00         | PASS    |
|           | 5710_UNII-2C | -11.46           | ≤11.00         | PASS    |
|           | 5710_UNII-3  | -13.98           | ≤30.00         | PASS    |

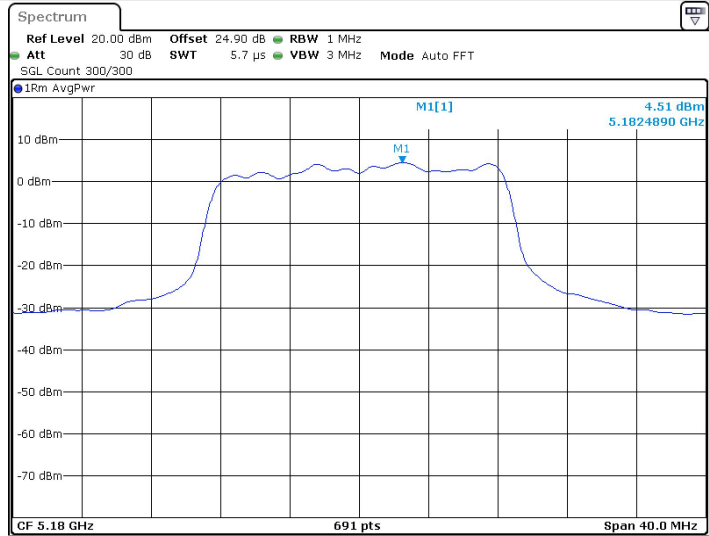
|              |              |        |        |        |      |
|--------------|--------------|--------|--------|--------|------|
|              | 5755         | -17.17 | ≤30.00 | PASS   |      |
|              | 5795         | -12.34 | ≤30.00 | PASS   |      |
| 11AC20SISO   | 5180         | -5.14  | ≤11.00 | PASS   |      |
|              | 5200         | -5.87  | ≤11.00 | PASS   |      |
|              | 5240         | -6.05  | ≤11.00 | PASS   |      |
|              | 5260         | -5.61  | ≤11.00 | PASS   |      |
|              | 5280         | -9.61  | ≤11.00 | PASS   |      |
|              | 5320         | -5.00  | ≤11.00 | PASS   |      |
|              | 5500         | -7.44  | ≤11.00 | PASS   |      |
|              | 5580         | -9.65  | ≤11.00 | PASS   |      |
|              | 5720_UNII-2C | -11.37 | ≤11.00 | PASS   |      |
|              | 5720_UNII-3  | -12.87 | ≤30.00 | PASS   |      |
|              | 5745         | -11.01 | ≤30.00 | PASS   |      |
|              | 5785         | -10.55 | ≤30.00 | PASS   |      |
|              | 5825         | -16.03 | ≤30.00 | PASS   |      |
|              | 11AC40SISO   | 5190   | -7.84  | ≤11.00 | PASS |
|              |              | 5230   | -9.27  | ≤11.00 | PASS |
| 5270         |              | -9.51  | ≤11.00 | PASS   |      |
| 5310         |              | -8.97  | ≤11.00 | PASS   |      |
| 5510         |              | -10.33 | ≤11.00 | PASS   |      |
| 5550         |              | -10.78 | ≤11.00 | PASS   |      |
| 5670         |              | -13.87 | ≤11.00 | PASS   |      |
| 5710_UNII-2C |              | -10.91 | ≤11.00 | PASS   |      |
| 5710_UNII-3  |              | -15.14 | ≤30.00 | PASS   |      |
| 5755         |              | -14.41 | ≤30.00 | PASS   |      |
| 5795         |              | -13.69 | ≤30.00 | PASS   |      |
| 11AX20SISO   | 5180         | 2.48   | ≤11.00 | PASS   |      |
|              | 5200         | 1.95   | ≤11.00 | PASS   |      |
|              | 5240         | 1.64   | ≤11.00 | PASS   |      |
|              | 5260         | 1.92   | ≤11.00 | PASS   |      |
|              | 5280         | -2.01  | ≤11.00 | PASS   |      |
|              | 5320         | 1.86   | ≤11.00 | PASS   |      |
|              | 5500         | 0.46   | ≤11.00 | PASS   |      |
|              | 5580         | -1.93  | ≤11.00 | PASS   |      |
|              | 5720_UNII-2C | -3.30  | ≤11.00 | PASS   |      |
|              | 5720_UNII-3  | -4.96  | ≤30.00 | PASS   |      |
|              | 5745         | -3.41  | ≤30.00 | PASS   |      |

|            |              |        |              |      |
|------------|--------------|--------|--------------|------|
| 11AX40SISO | 5785         | -8.52  | $\leq 30.00$ | PASS |
|            | 5825         | -14.69 | $\leq 30.00$ | PASS |
|            | 5190         | -3.48  | $\leq 11.00$ | PASS |
|            | 5230         | -5.50  | $\leq 11.00$ | PASS |
|            | 5270         | -5.76  | $\leq 11.00$ | PASS |
|            | 5310         | -4.93  | $\leq 11.00$ | PASS |
|            | 5510         | -8.32  | $\leq 11.00$ | PASS |
|            | 5550         | -7.64  | $\leq 11.00$ | PASS |
|            | 5670         | -10.76 | $\leq 11.00$ | PASS |
|            | 5710_UNII-2C | -10.74 | $\leq 11.00$ | PASS |
|            | 5710_UNII-3  | -14.22 | $\leq 30.00$ | PASS |
|            | 5755         | -14.19 | $\leq 30.00$ | PASS |
|            | 5795         | -12.81 | $\leq 30.00$ | PASS |

**Remark:**

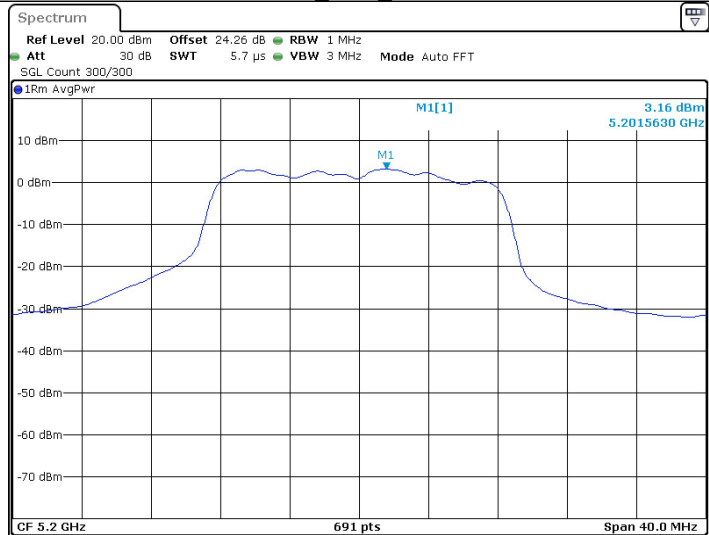
PSD = Meas PSD + Duty Cycle Factor

11A\_Ant1\_5180



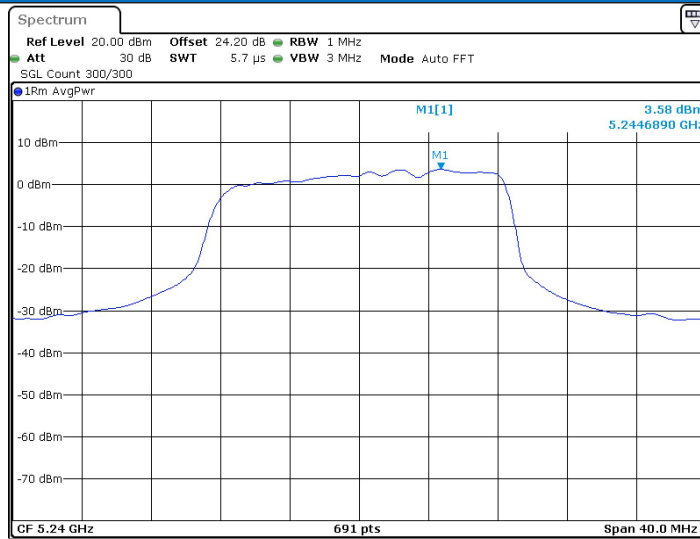
Date: 18 JAN 2025 10:48:41

11A\_Ant1\_5200



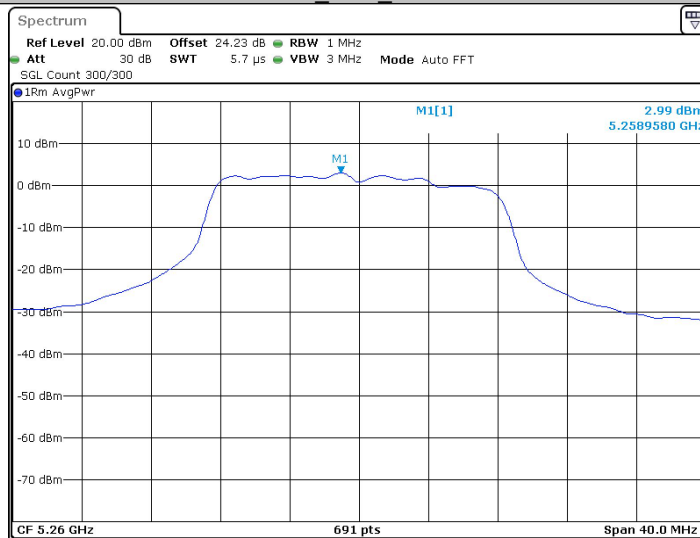
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11A\_Ant1\_5240



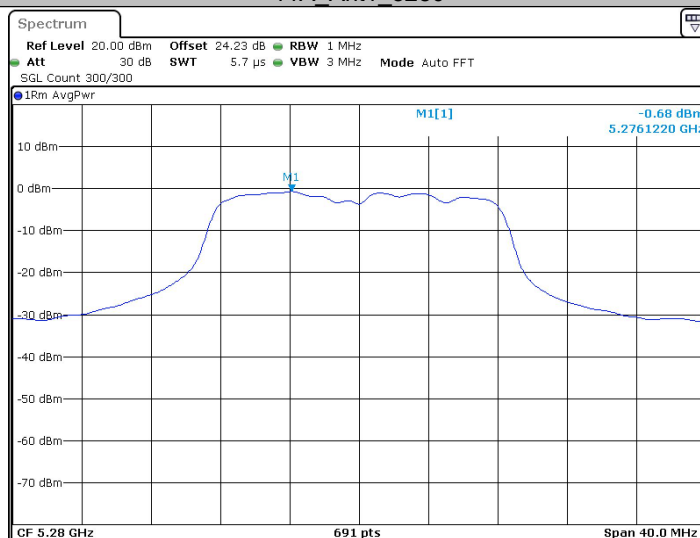
Date: 18 JAN 2025 10:59:39

11A Ant1\_5260



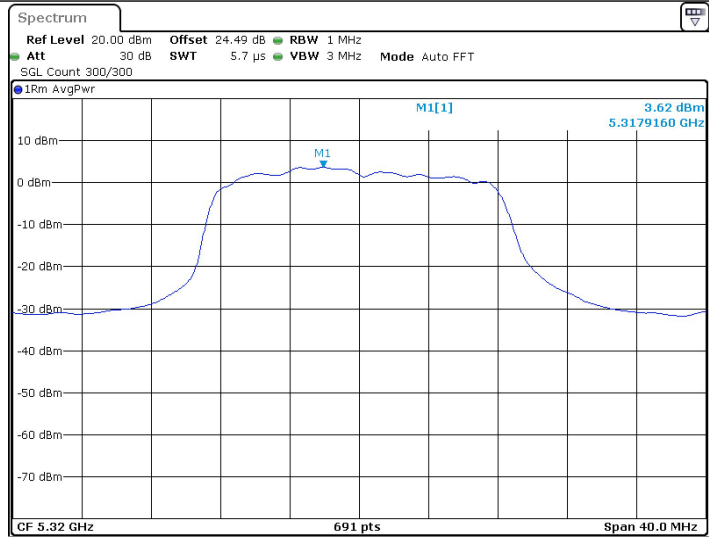
Date: 18 JAN 2025 11:02:55

11A Ant1\_5280



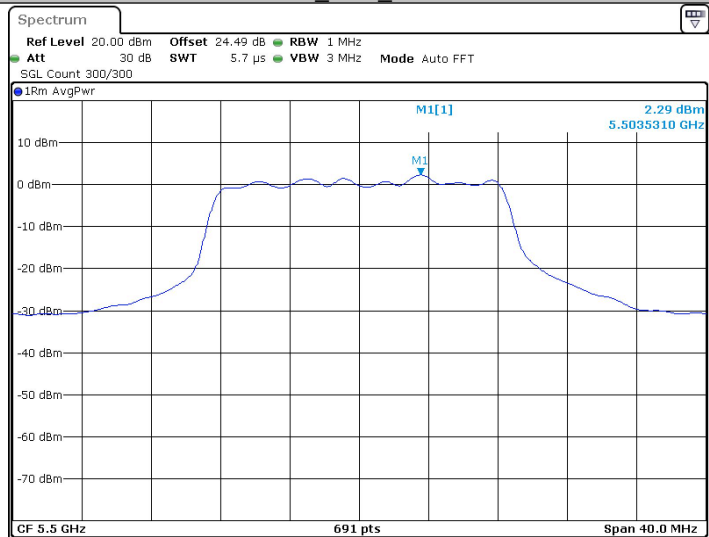
Date: 18 JAN 2025 11:06:20

11A\_Ant1\_5320



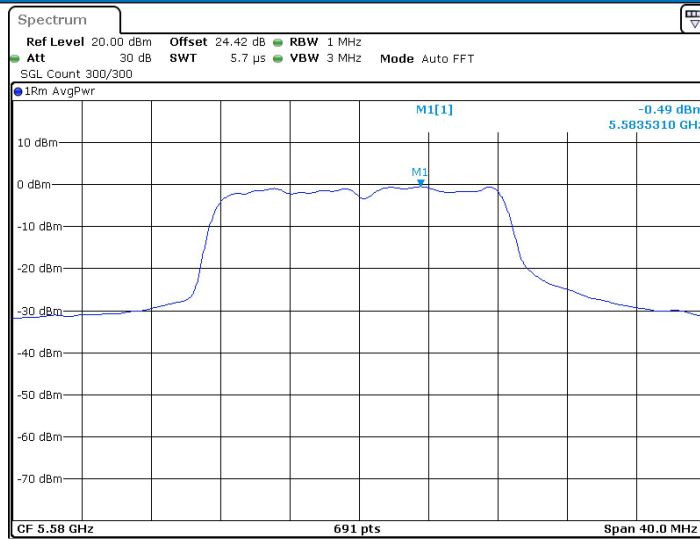
Date: 18 JAN 2025 11:09:40

11A\_Ant1\_5500



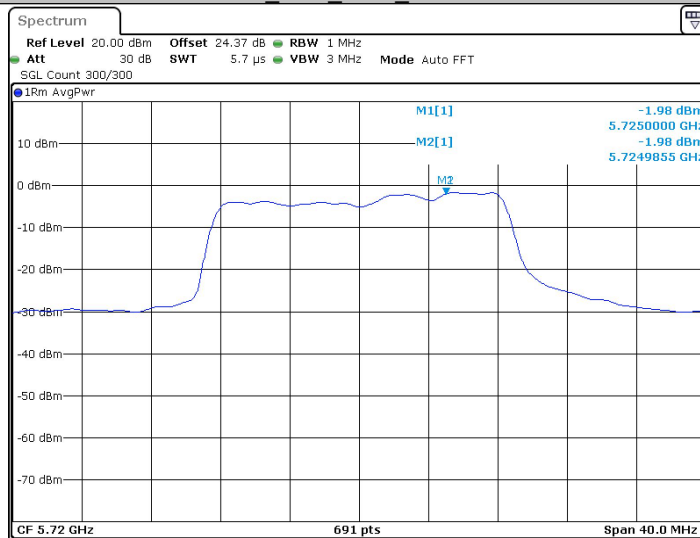
Date: 18 JAN 2025 11:13:49

11A\_Ant1\_5580



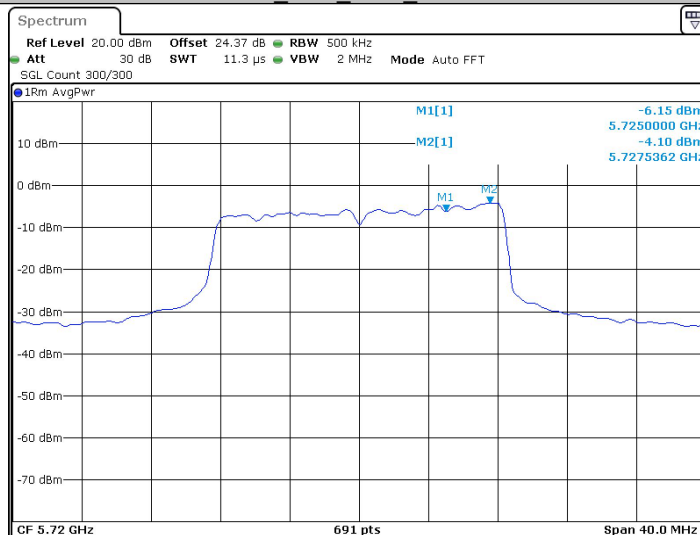
Date: 18 JAN 2025 11:19:13

11A\_Ant1\_5720\_UNII-2C



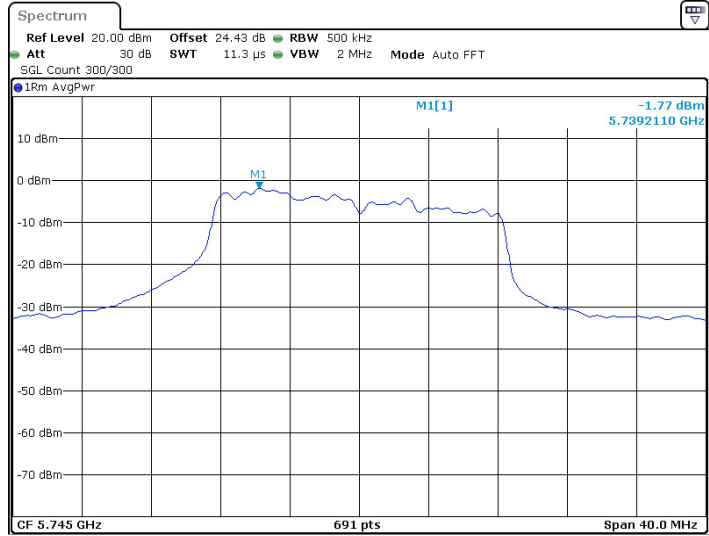
Date: 18 JAN 2025 11:22:49

11A\_Ant1\_5720\_UNII-3



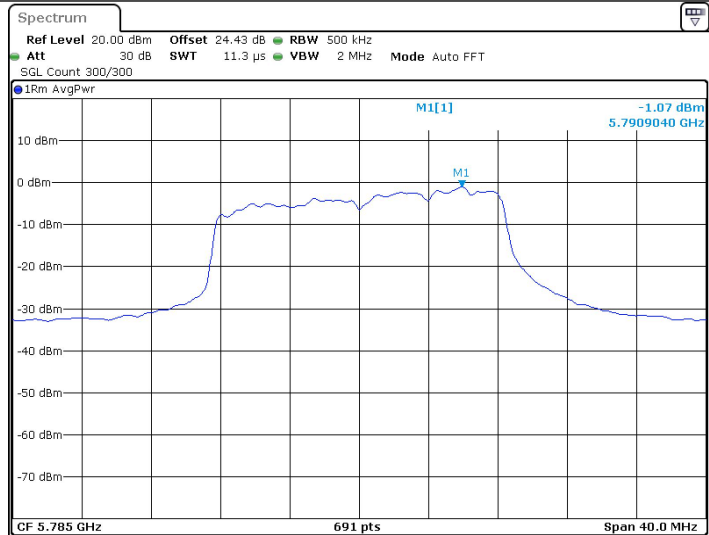
Date: 18 JAN 2025 11:22:53

11A\_Ant1\_5745



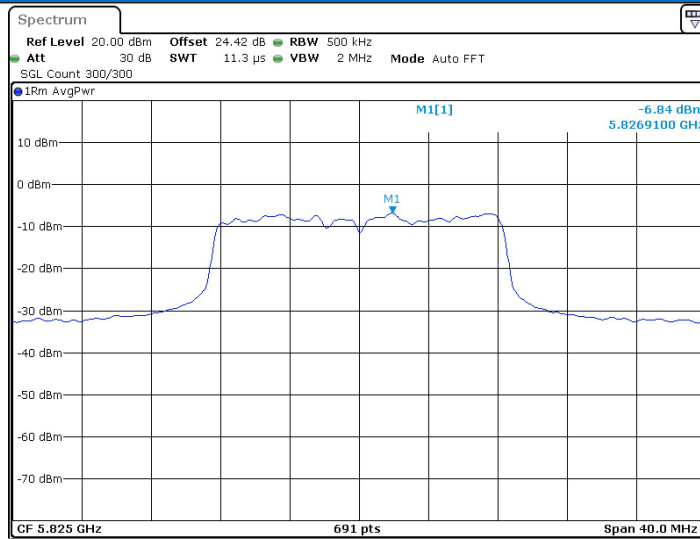
Date: 18 JAN 2025 11:26:34

11A\_Ant1\_5785



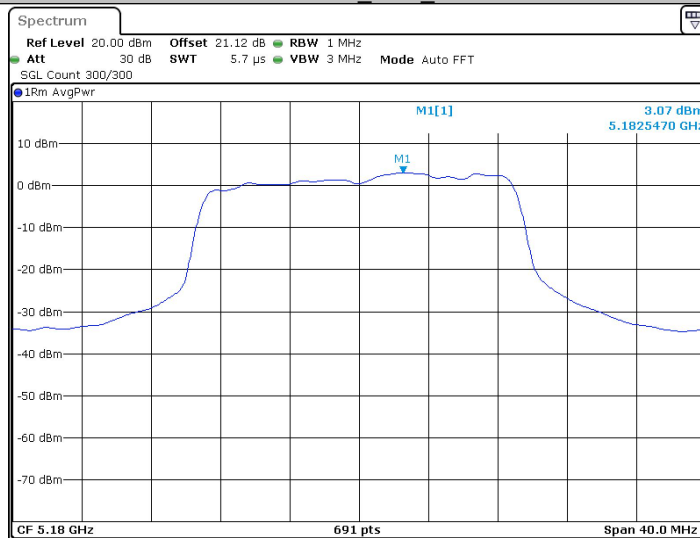
Date: 18 JAN 2025 11:30:48

11A\_Ant1\_5825



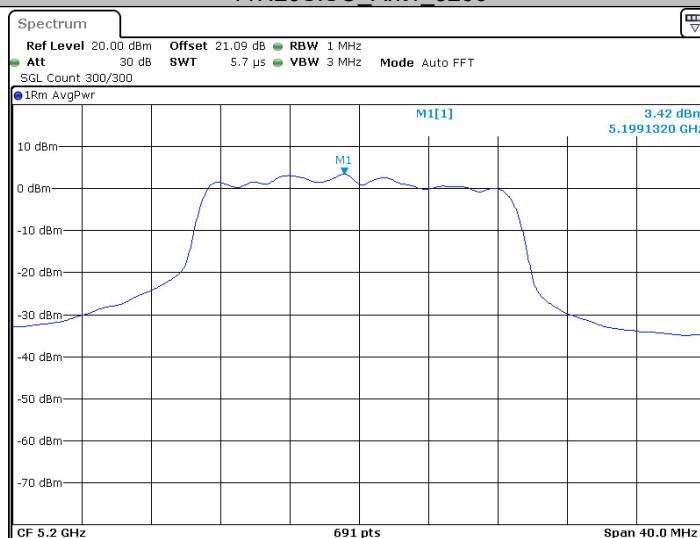
Date: 18 JAN 2025 11:34:21

### 11N20SISO\_Ant1\_5180



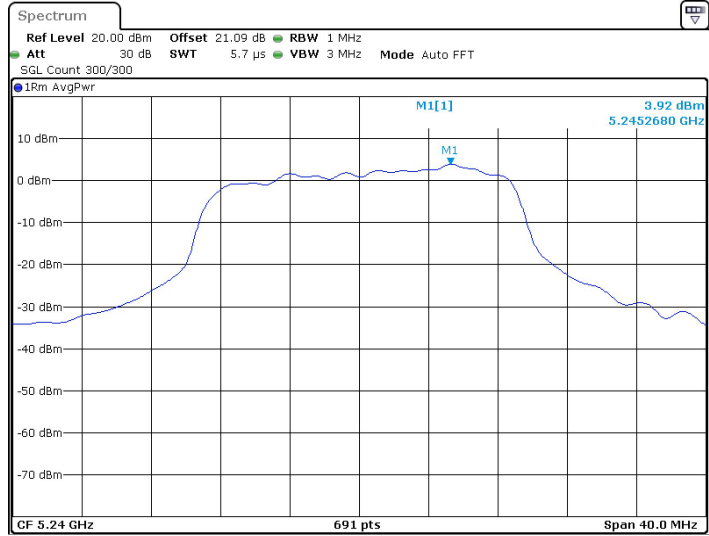
Date: 18 JAN 2025 11:41:57

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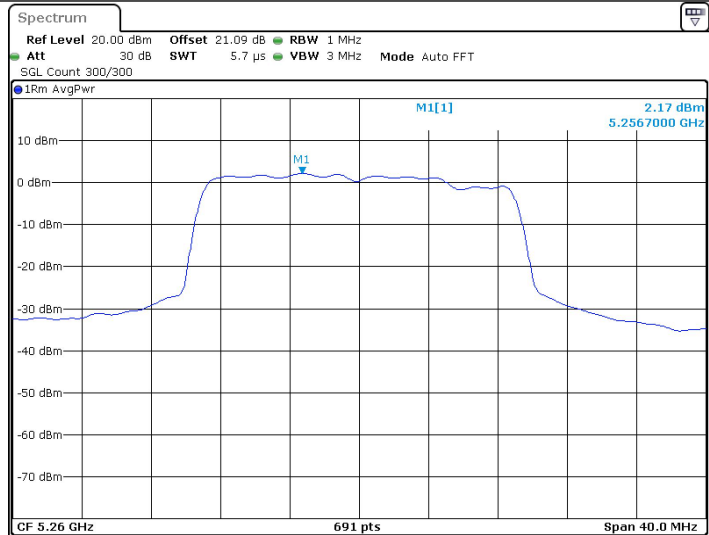
Date: 18 JAN 2025 11:45:55

11N20SISO\_Ant1\_5240



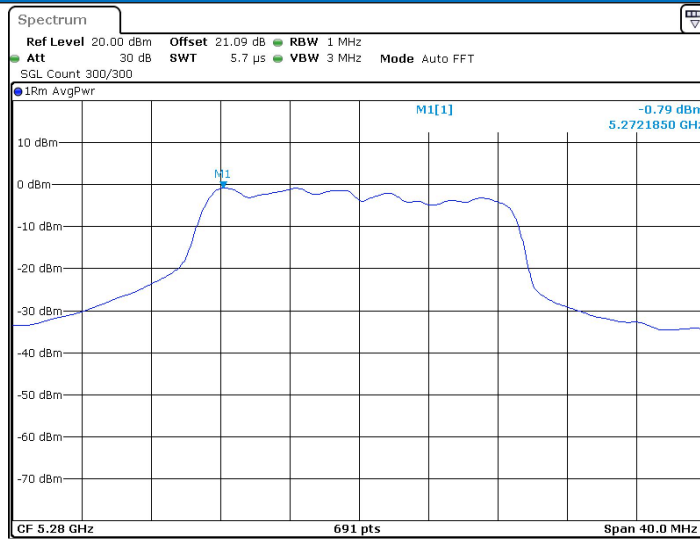
Date: 18 JAN 2025 11:48:11

11N20SISO\_Ant1\_5260



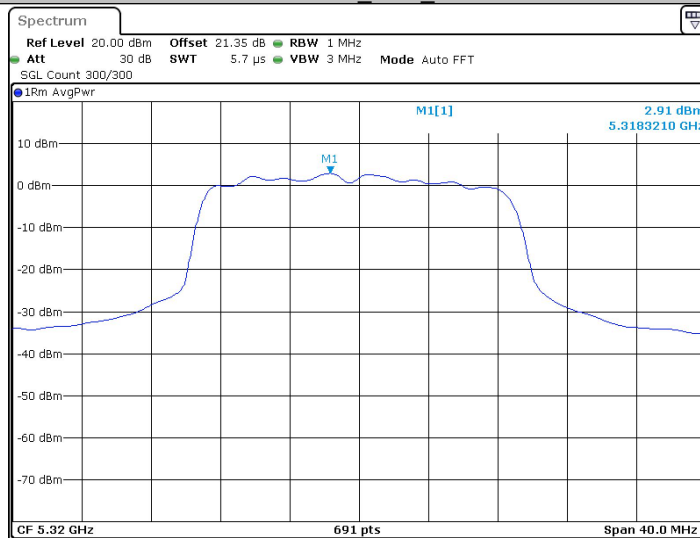
Date: 18 JAN 2025 11:51:33

11N20SISO\_Ant1\_5280



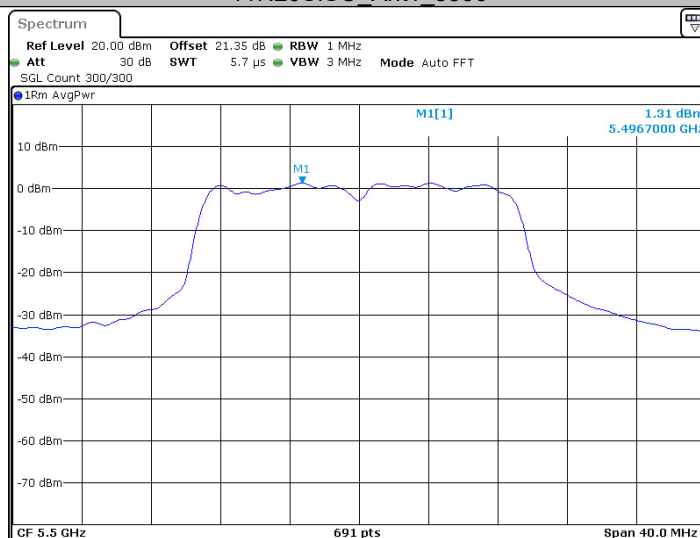
Date: 18 JAN 2025 11:55:04

11N20SISO\_Ant1\_5320



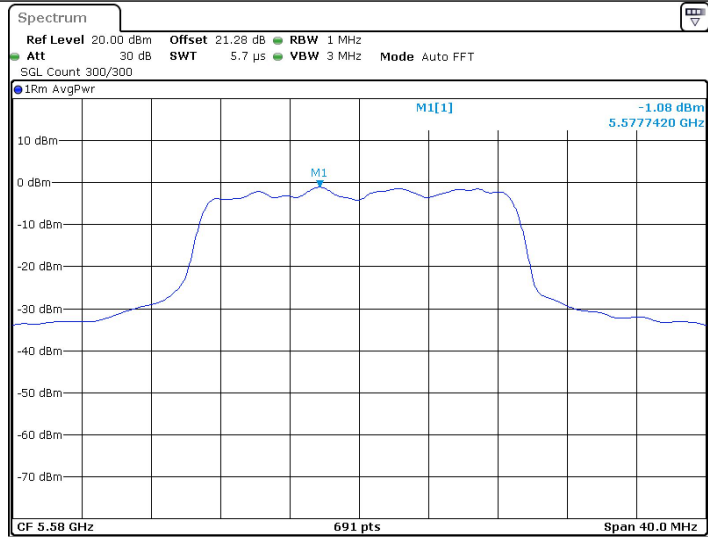
Date: 18 JAN 2025 11:58:34

11N20SISO\_Ant1\_5500



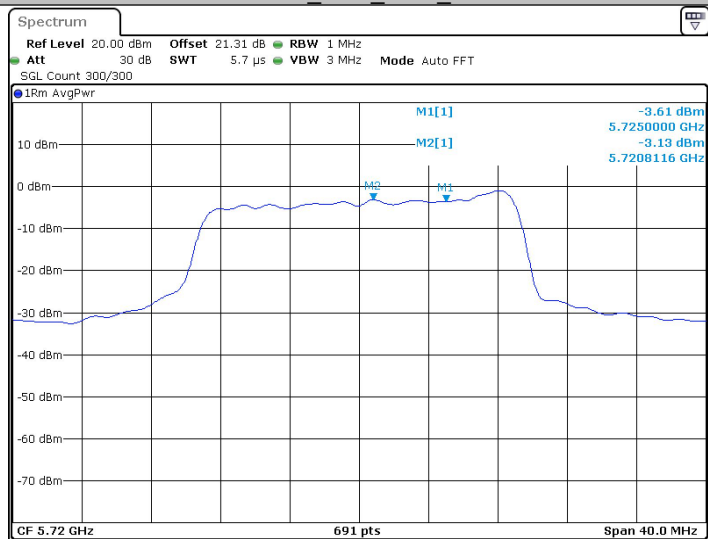
Date: 18 JAN 2025 12:03:14

11N20SISO\_Ant1\_5580



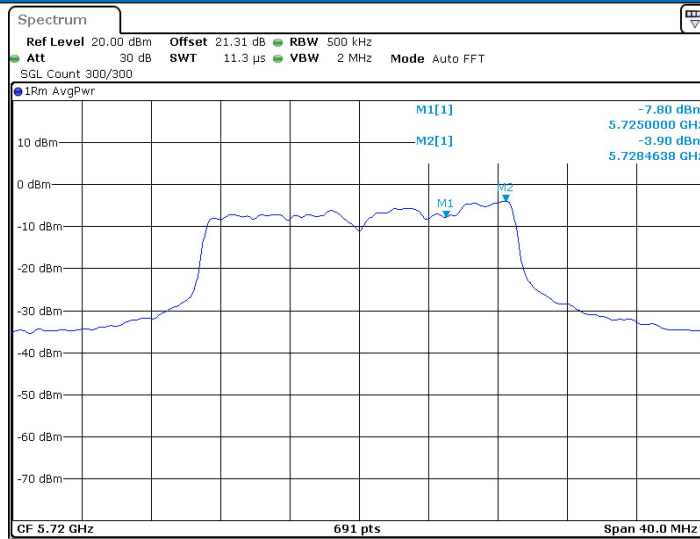
Date: 18.JAN.2025 12:07:50

11N20SISO\_Ant1\_5720\_UNII-2C



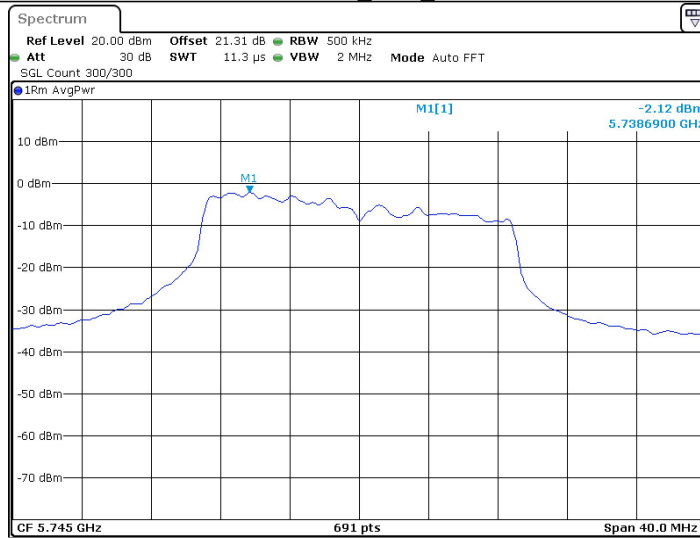
Date: 18.JAN.2025 12:11:49

11N20SISO\_Ant1\_5720\_UNII-3



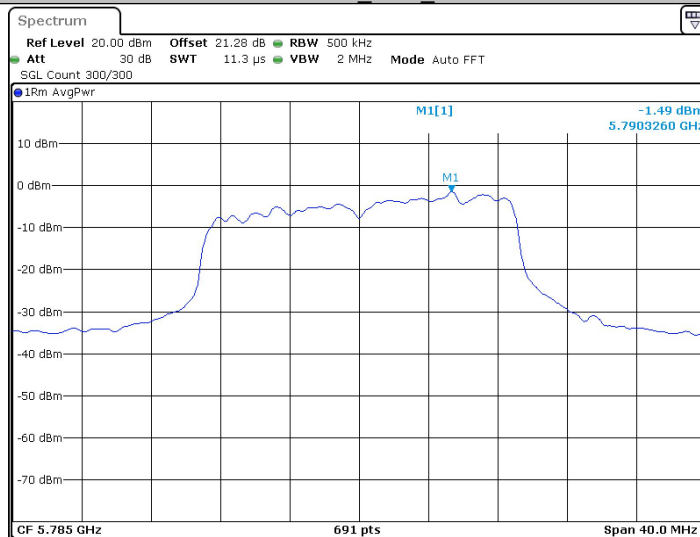
Date: 18 JAN 2025 12:11:53

11N20SISO\_Ant1\_5745



Date: 18 JAN 2025 12:16:07

11N20SISO\_Ant1\_5785



Date: 18 JAN 2025 12:20:09