

11N40SISO\_Ant1\_5550



11N40SISO\_Ant1\_5670



11N40SISO\_Ant1\_5755



11N40SISO\_Ant1\_5795



11AC20SISO\_Ant1\_5180



11AC20SISO\_Ant1\_5200



11AC20SISO\_Ant1\_5240



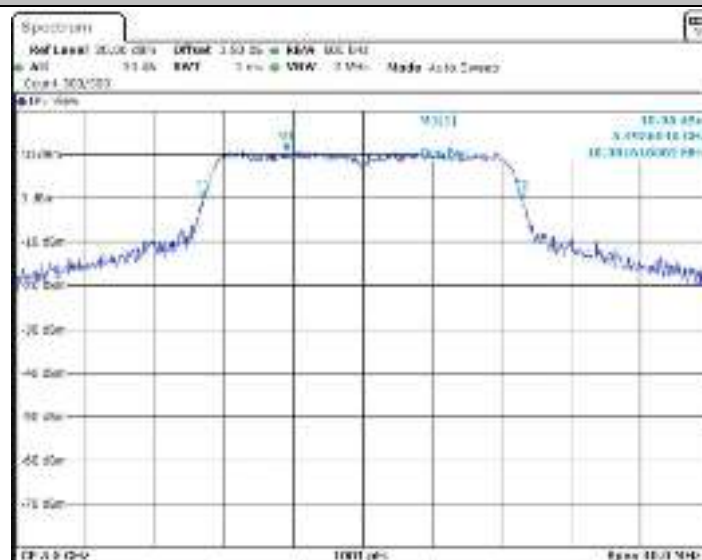
11AC20SISO\_Ant1\_5260



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



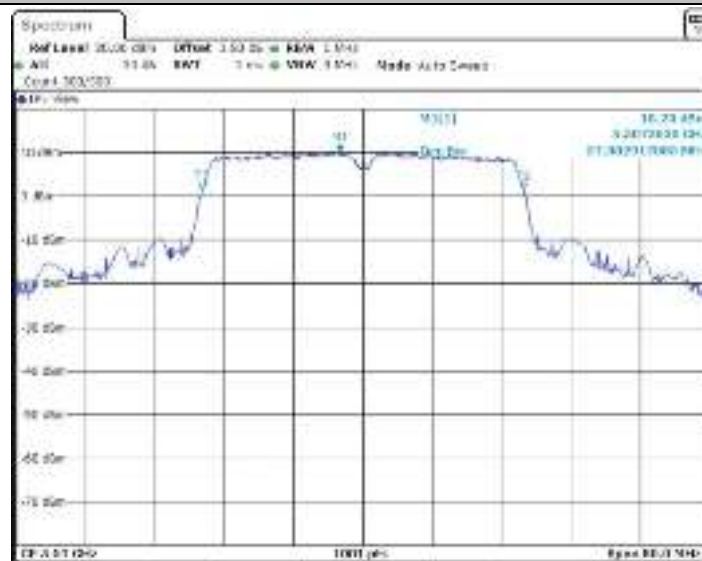
11AC40SISO\_Ant1\_5230



11AC40SISO\_Ant1\_5270



11AC40SISO\_Ant1\_5310



11AC40SISO\_Ant1\_5510



11AC40SISO\_Ant1\_5550



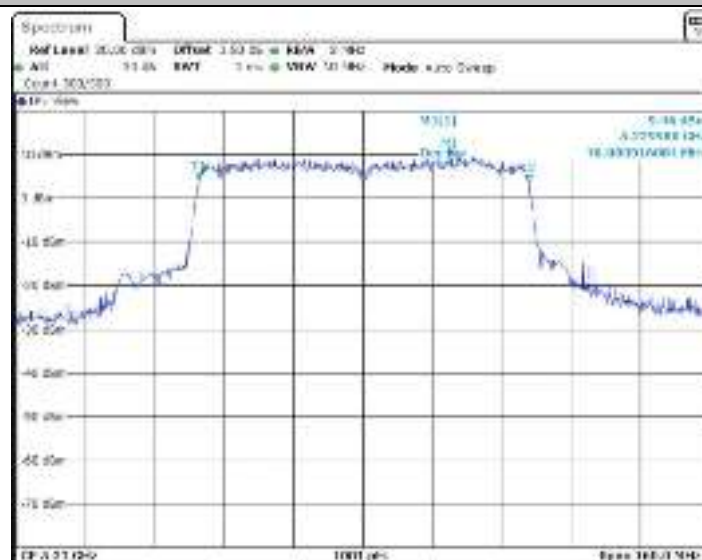
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11AC40SISO\_Ant1\_5755



11AC40SISO\_Ant1\_5795



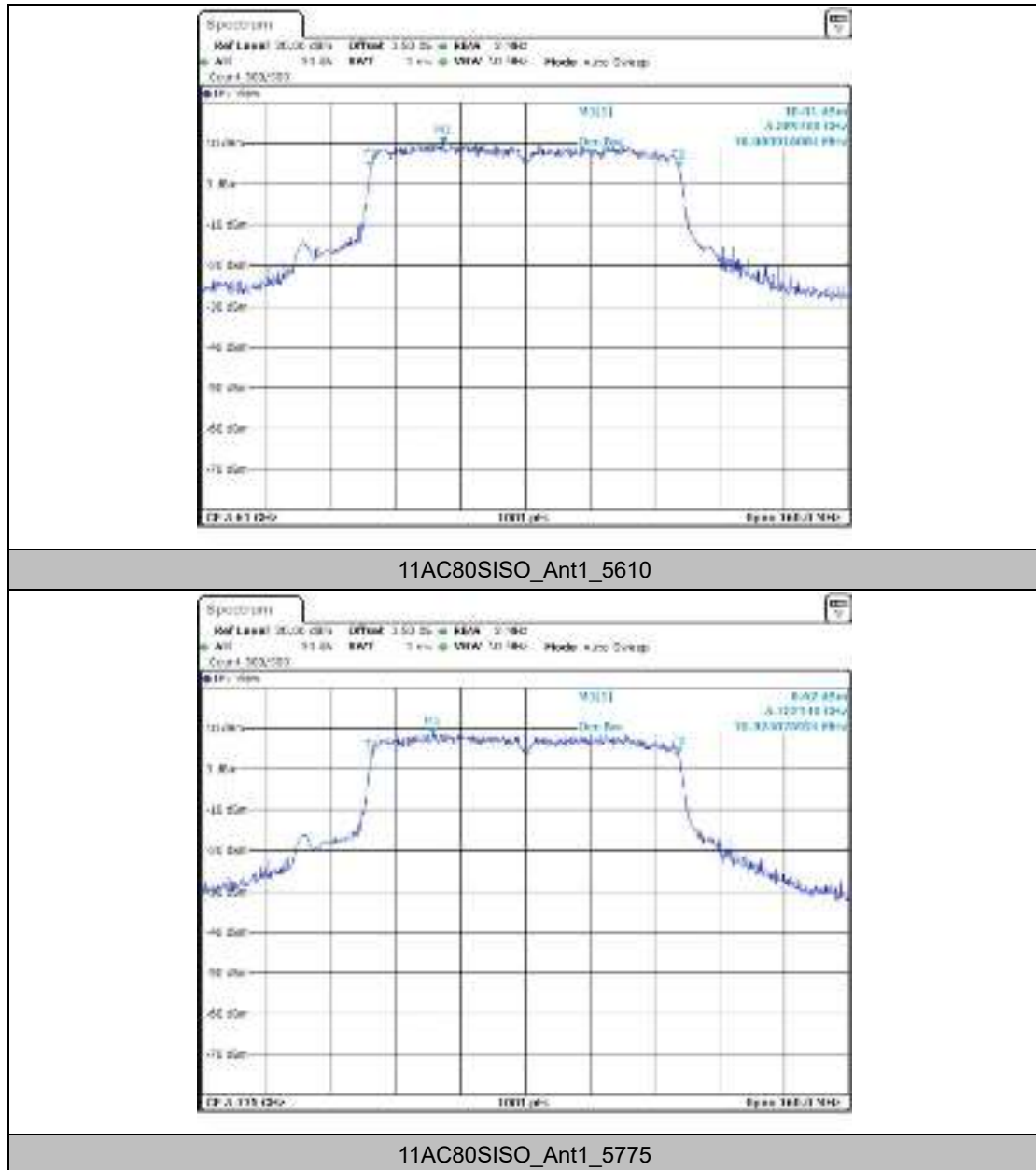
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11AC80SISO\_Ant1\_5290



11AC80SISO\_Ant1\_5530

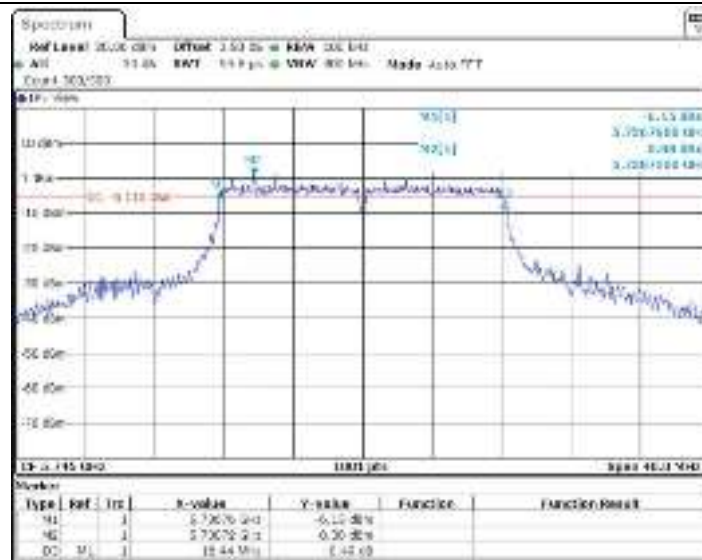


## Appendix A3: Min emission bandwidth

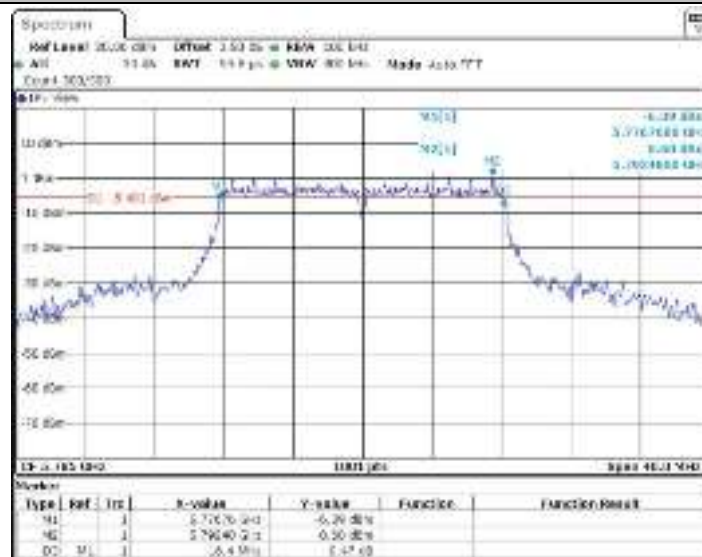
### Test Result

| TestMode   | Antenna | Channel | 6db EBW [MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|------------|---------|---------|---------------|----------|----------|------------|---------|
| 11A        | Ant1    | 5745    | 16.440        | 5736.760 | 5753.200 | 0.5        | PASS    |
|            |         | 5785    | 16.400        | 5776.760 | 5793.160 | 0.5        | PASS    |
|            |         | 5825    | 16.400        | 5816.760 | 5833.160 | 0.5        | PASS    |
| 11N20SISO  | Ant1    | 5745    | 17.520        | 5736.160 | 5753.680 | 0.5        | PASS    |
|            |         | 5785    | 17.320        | 5776.320 | 5793.640 | 0.5        | PASS    |
|            |         | 5825    | 17.200        | 5816.320 | 5833.520 | 0.5        | PASS    |
| 11N40SISO  | Ant1    | 5755    | 36.000        | 5737.000 | 5773.000 | 0.5        | PASS    |
|            |         | 5795    | 35.920        | 5776.920 | 5812.840 | 0.5        | PASS    |
| 11AC20SISO | Ant1    | 5745    | 17.240        | 5736.400 | 5753.640 | 0.5        | PASS    |
|            |         | 5785    | 17.080        | 5776.440 | 5793.520 | 0.5        | PASS    |
|            |         | 5825    | 17.360        | 5816.160 | 5833.520 | 0.5        | PASS    |
| 11AC40SISO | Ant1    | 5755    | 35.760        | 5737.000 | 5772.760 | 0.5        | PASS    |
|            |         | 5795    | 35.840        | 5776.920 | 5812.760 | 0.5        | PASS    |
| 11AC80SISO | Ant1    | 5775    | 75.520        | 5737.240 | 5812.760 | 0.5        | PASS    |

## Test Graphs



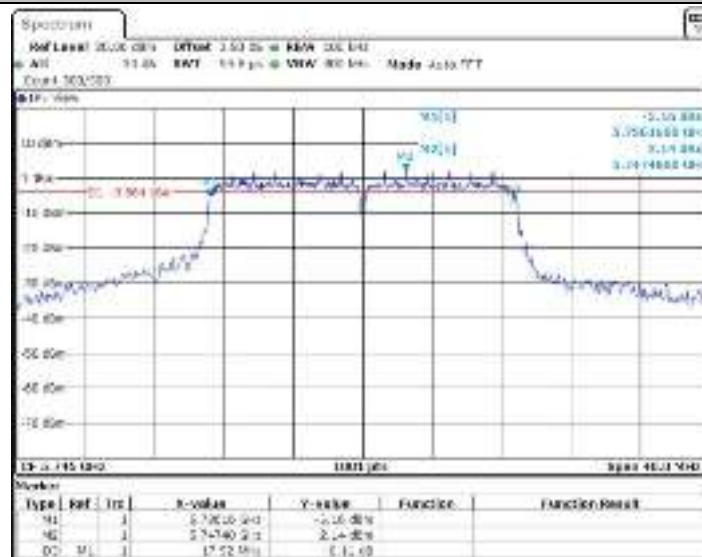
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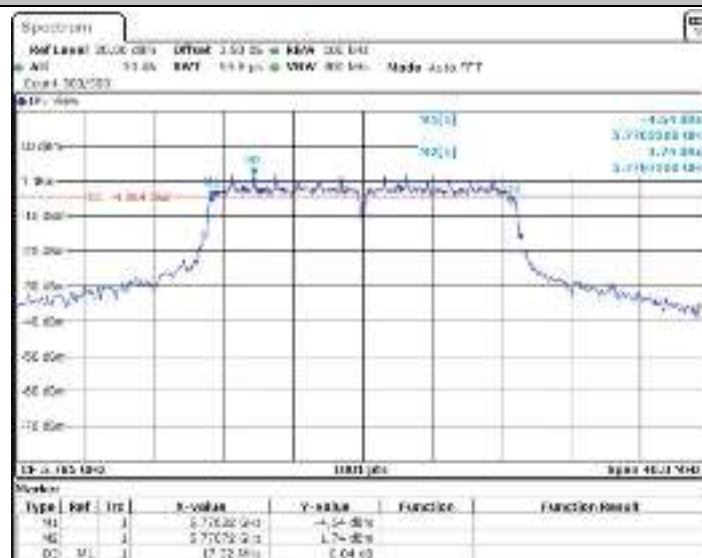
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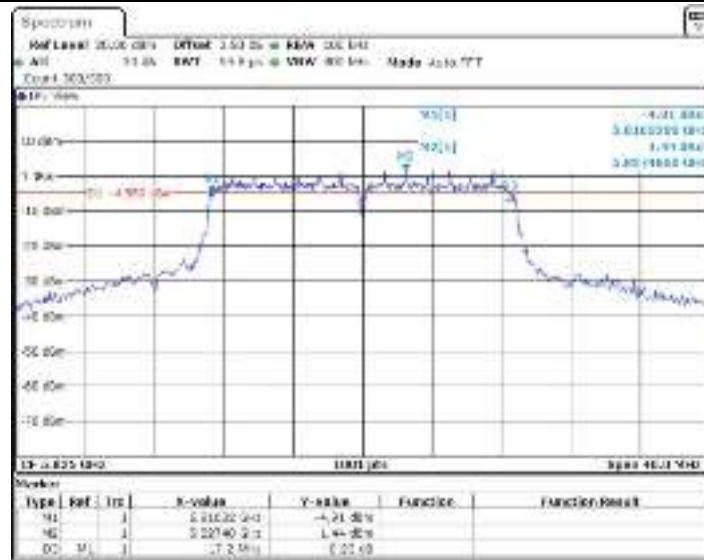
11A\_Ant1\_5825



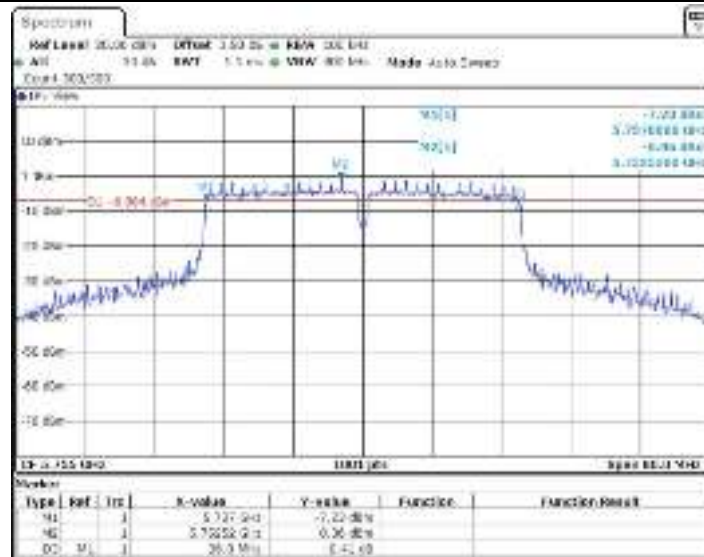
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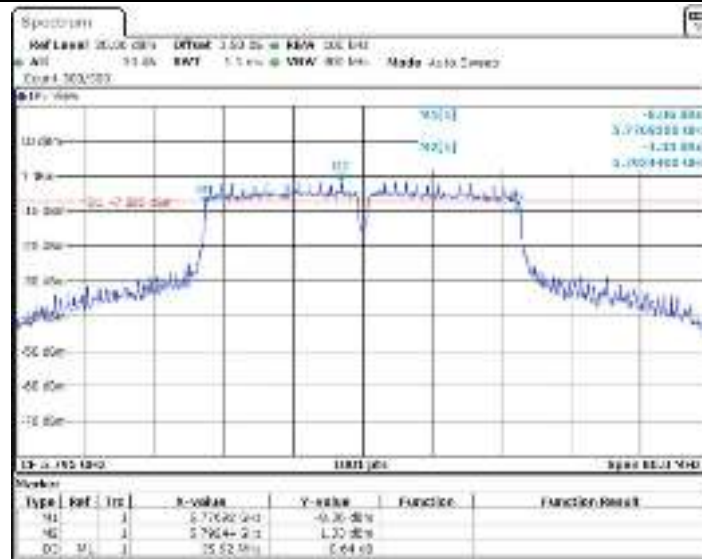
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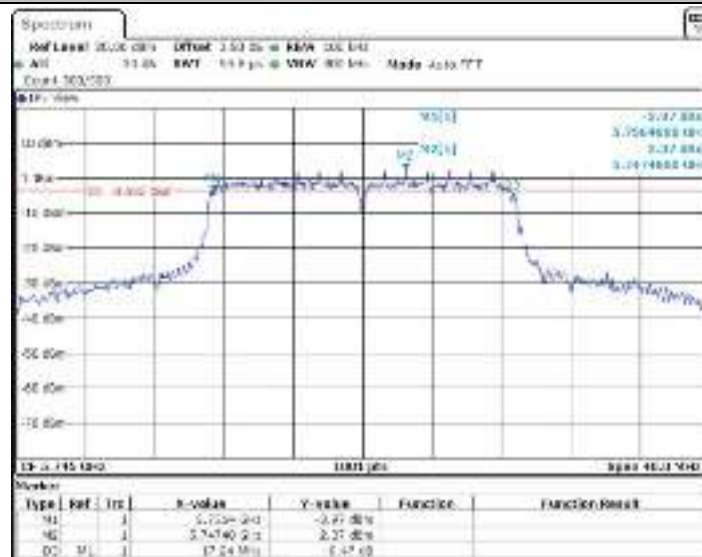
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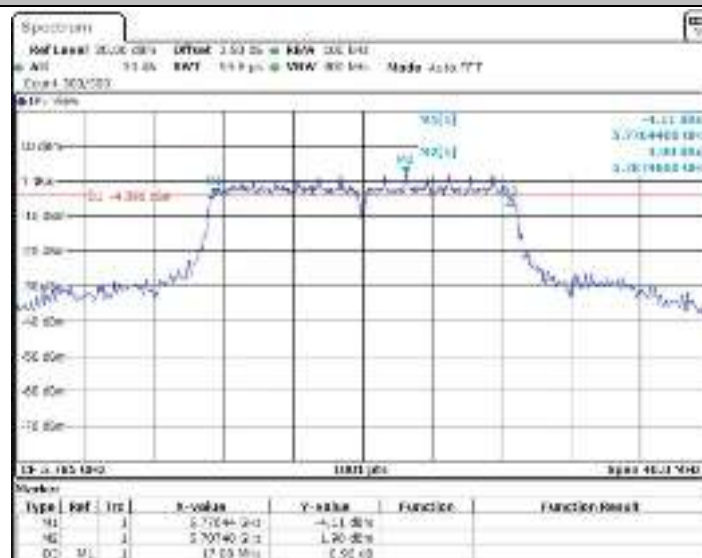
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11N40SISO\_Ant1\_5795



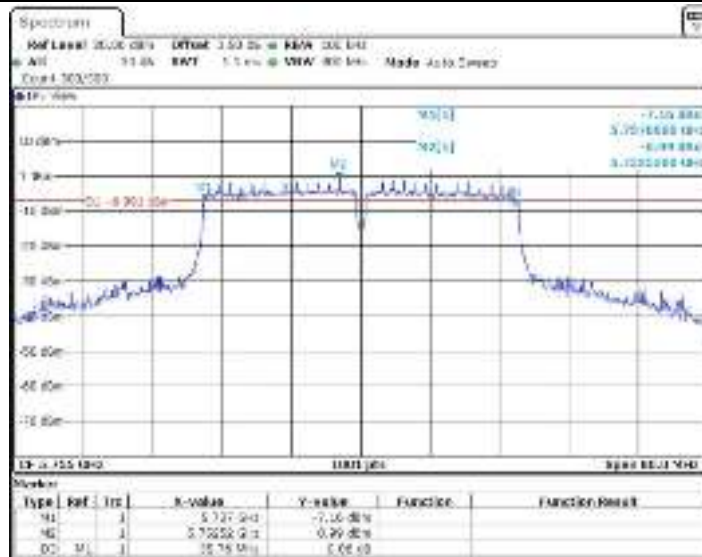
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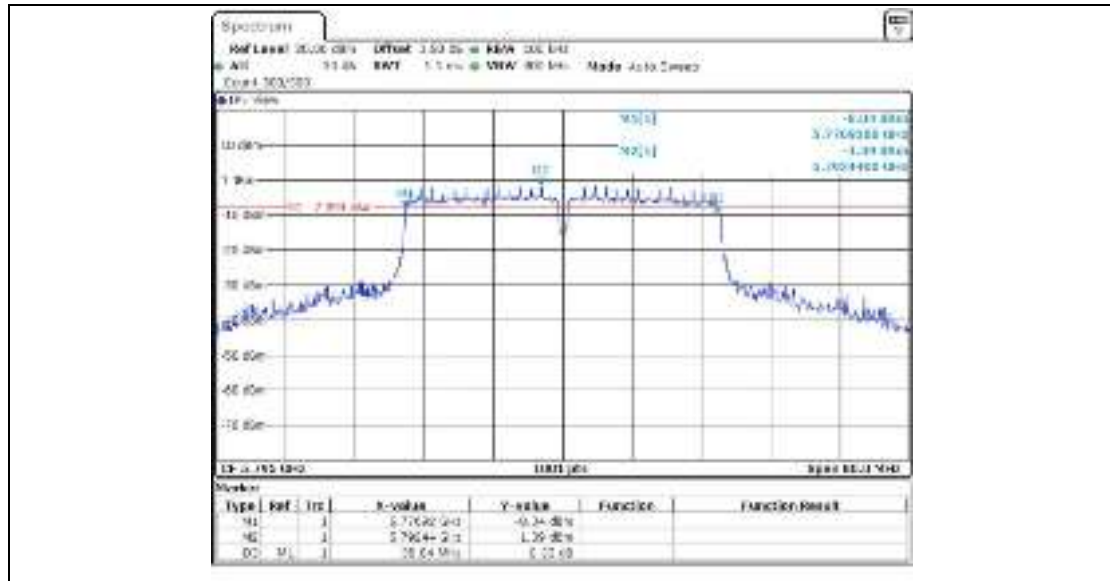
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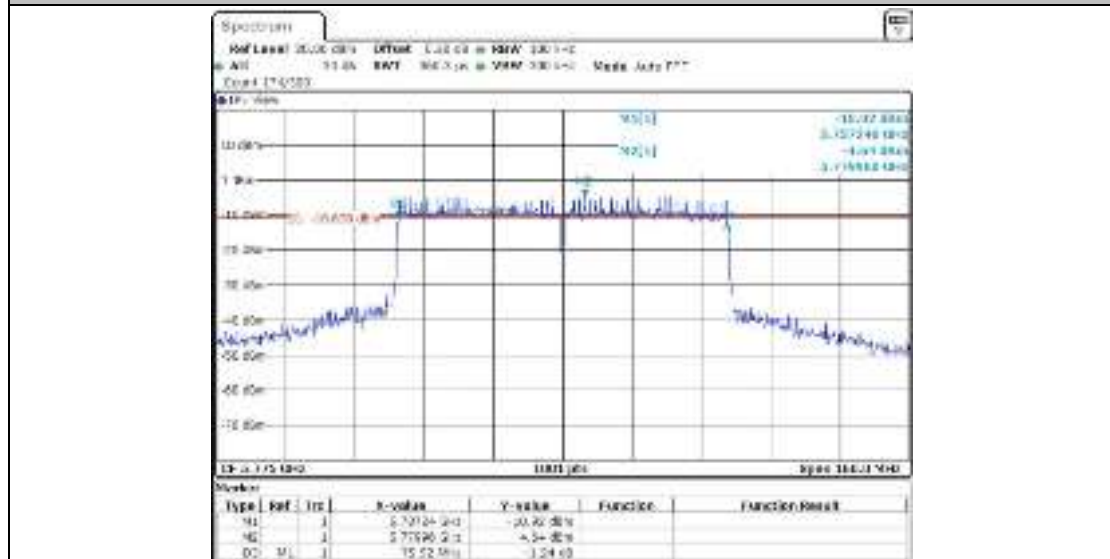
11AC20SISO\_Ant1\_5825



11AC40SISO\_Ant1\_5755



11AC40SISO\_Ant1\_5795



11AC80SISO\_Ant1\_5775

## Appendix B: Maximum conducted output power

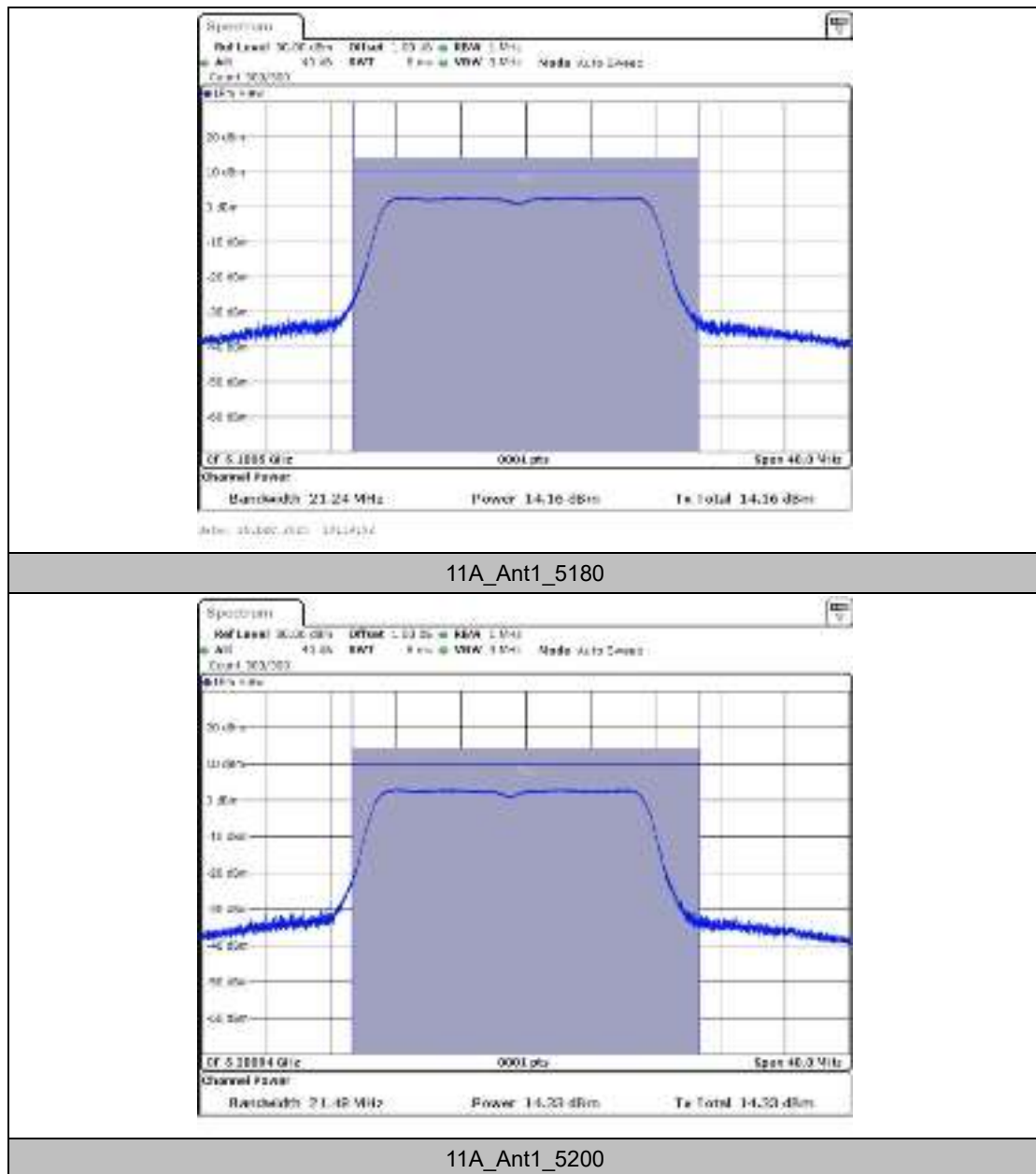
### Test Result

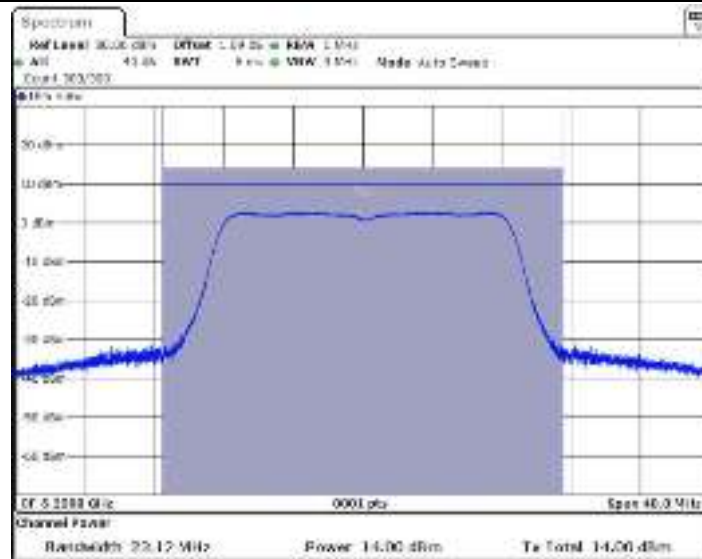
| TestMode   | Antenna | Channel | Conducted Power (dBm) | Duty Factor (dB) | Total Power (dBm) | Limit[dBm] | Verdict |
|------------|---------|---------|-----------------------|------------------|-------------------|------------|---------|
| 11A        | Ant1    | 5180    | 15.61                 | 0.55             | 16.16             | <=24       | PASS    |
|            |         | 5200    | 15.62                 | 0.52             | 16.14             | <=24       | PASS    |
|            |         | 5240    | 15.63                 | 0.62             | 16.25             | <=24       | PASS    |
|            |         | 5260    | 14.62                 | 0.53             | 15.15             | <=24       | PASS    |
|            |         | 5280    | 14.06                 | 0.5              | 14.56             | <=24       | PASS    |
|            |         | 5320    | 14.52                 | 0.53             | 15.05             | <=24       | PASS    |
|            |         | 5500    | 15.44                 | 0.51             | 15.95             | <=24       | PASS    |
|            |         | 5600    | 13.73                 | 0.51             | 14.24             | <=24       | PASS    |
|            |         | 5700    | 11.45                 | 0.51             | 11.96             | <=24       | PASS    |
|            |         | 5745    | 14.48                 | 0.51             | 14.99             | <=30       | PASS    |
|            |         | 5785    | 14.68                 | 0.5              | 15.18             | <=30       | PASS    |
|            |         | 5825    | 13.45                 | 0.51             | 13.96             | <=30       | PASS    |
| 11N20SISO  | Ant1    | 5180    | 13.11                 | 0.66             | 13.77             | <=24       | PASS    |
|            |         | 5200    | 13.42                 | 0.63             | 14.05             | <=24       | PASS    |
|            |         | 5240    | 13.37                 | 0.63             | 14                | <=24       | PASS    |
|            |         | 5260    | 13.51                 | 0.57             | 14.08             | <=24       | PASS    |
|            |         | 5280    | 13.03                 | 0.57             | 13.6              | <=24       | PASS    |
|            |         | 5320    | 13.47                 | 0.57             | 14.04             | <=24       | PASS    |
|            |         | 5500    | 13.77                 | 0.59             | 14.36             | <=24       | PASS    |
|            |         | 5600    | 12.16                 | 0.58             | 12.74             | <=24       | PASS    |
|            |         | 5700    | 10.7                  | 0.57             | 11.27             | <=24       | PASS    |
|            |         | 5745    | 13.72                 | 0.59             | 14.31             | <=30       | PASS    |
|            |         | 5785    | 14                    | 0.57             | 14.57             | <=30       | PASS    |
|            |         | 5825    | 12.67                 | 0.58             | 13.25             | <=30       | PASS    |
| 11N40SISO  | Ant1    | 5190    | 13.22                 | 1.16             | 14.38             | <=24       | PASS    |
|            |         | 5230    | 13.23                 | 1.2              | 14.43             | <=24       | PASS    |
|            |         | 5270    | 12.91                 | 1.12             | 14.03             | <=24       | PASS    |
|            |         | 5310    | 13.16                 | 1.09             | 14.25             | <=24       | PASS    |
|            |         | 5510    | 13.7                  | 1.11             | 14.81             | <=24       | PASS    |
|            |         | 5590    | 13.23                 | 1.11             | 14.34             | <=24       | PASS    |
|            |         | 5670    | 11.39                 | 1.1              | 12.49             | <=24       | PASS    |
|            |         | 5755    | 13.3                  | 1.11             | 14.41             | <=30       | PASS    |
|            |         | 5795    | 13                    | 1.1              | 14.1              | <=30       | PASS    |
| 11AC20SISO | Ant1    | 5180    | 13.19                 | 0.65             | 13.84             | <=24       | PASS    |
|            |         | 5200    | 13.35                 | 0.61             | 13.96             | <=24       | PASS    |
|            |         | 5240    | 13.3                  | 0.65             | 13.95             | <=24       | PASS    |

|            |      |      |       |      |       |      |      |
|------------|------|------|-------|------|-------|------|------|
|            |      | 5260 | 13.41 | 0.57 | 13.98 | <=24 | PASS |
|            |      | 5280 | 12.95 | 0.57 | 13.52 | <=24 | PASS |
|            |      | 5320 | 13.45 | 0.57 | 14.02 | <=24 | PASS |
|            |      | 5500 | 14.18 | 0.56 | 14.74 | <=24 | PASS |
|            |      | 5600 | 12.18 | 0.56 | 12.74 | <=24 | PASS |
|            |      | 5700 | 10.64 | 0.57 | 11.21 | <=24 | PASS |
|            |      | 5745 | 13.74 | 0.57 | 14.31 | <=30 | PASS |
|            |      | 5785 | 13.97 | 0.56 | 14.53 | <=30 | PASS |
|            |      | 5825 | 12.63 | 0.57 | 13.2  | <=30 | PASS |
| 11AC40SISO | Ant1 | 5190 | 13.23 | 1.24 | 14.47 | <=24 | PASS |
|            |      | 5230 | 13.32 | 1.18 | 14.5  | <=24 | PASS |
|            |      | 5270 | 12.88 | 1.09 | 13.97 | <=24 | PASS |
|            |      | 5310 | 13.12 | 1.12 | 14.24 | <=24 | PASS |
|            |      | 5510 | 12.94 | 1.1  | 14.04 | <=24 | PASS |
|            |      | 5590 | 12.54 | 1.1  | 13.64 | <=24 | PASS |
|            |      | 5670 | 10.67 | 1.1  | 11.77 | <=24 | PASS |
|            |      | 5755 | 13.36 | 1.11 | 14.47 | <=30 | PASS |
|            |      | 5795 | 13    | 1.11 | 14.11 | <=30 | PASS |
| 11AC80SISO | Ant1 | 5210 | 12.41 | 2.25 | 14.66 | <=24 | PASS |
|            |      | 5290 | 12.35 | 1.91 | 14.26 | <=24 | PASS |
|            |      | 5530 | 12.46 | 1.89 | 14.35 | <=24 | PASS |
|            |      | 5610 | 10.42 | 1.89 | 12.31 | <=24 | PASS |
|            |      | 5775 | 12.87 | 1.9  | 14.77 | <=30 | PASS |

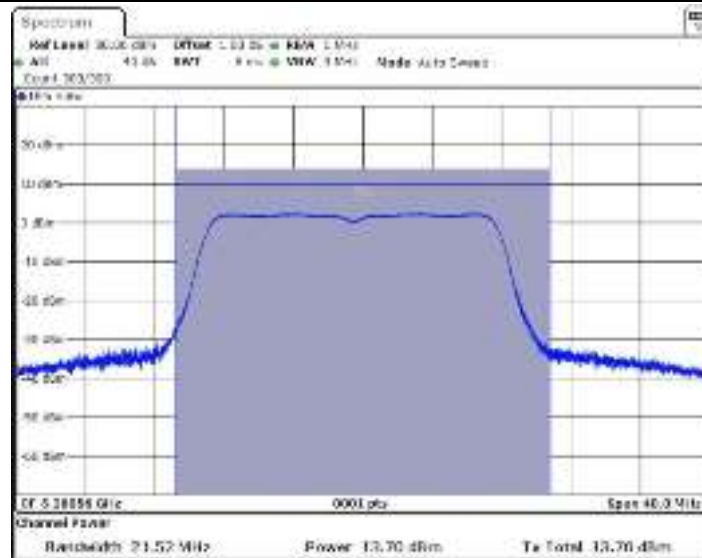
Note: The Duty Cycle Factor is compensated in the graph.

## Test Graphs

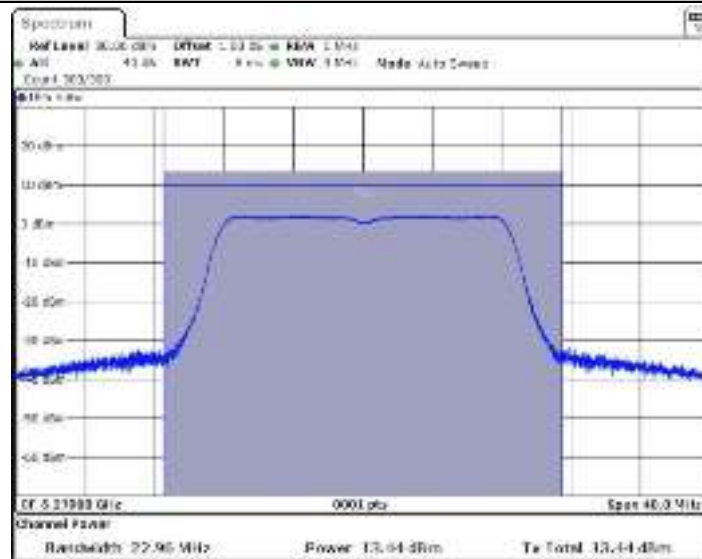




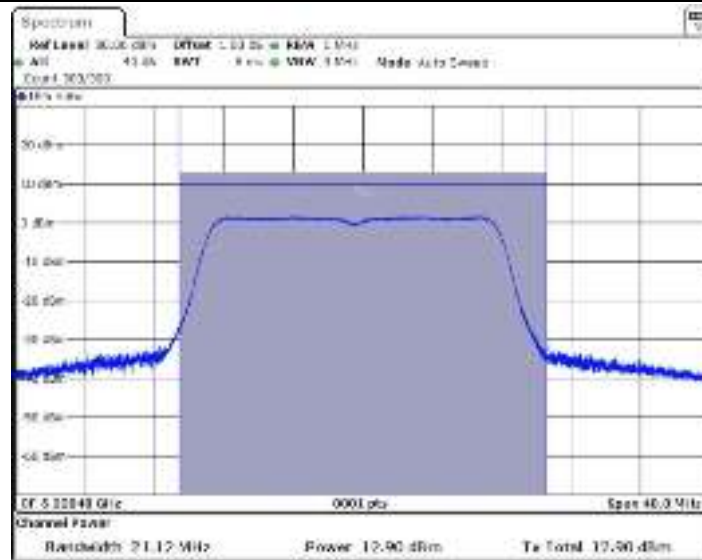
11A\_Ant1\_5240



11A\_Ant1\_5260



11A\_Ant1\_5280



11A\_Ant1\_5320



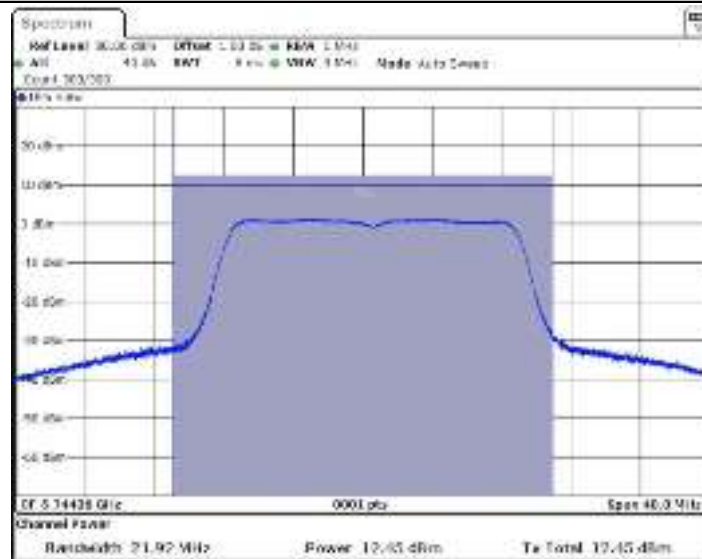
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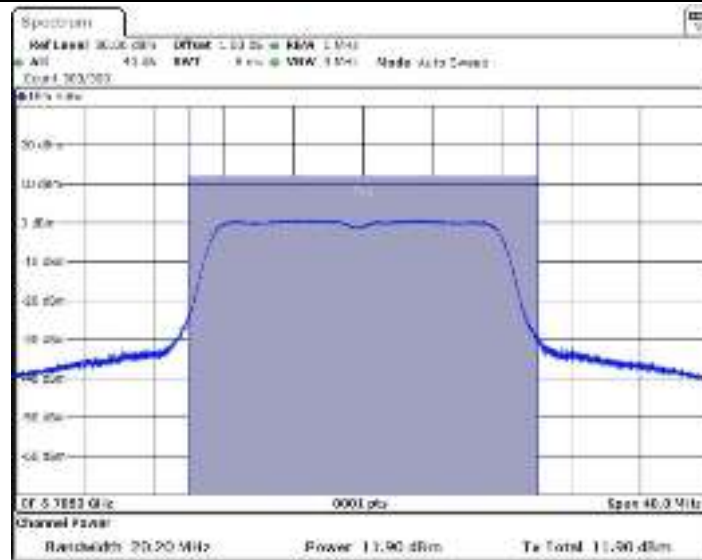
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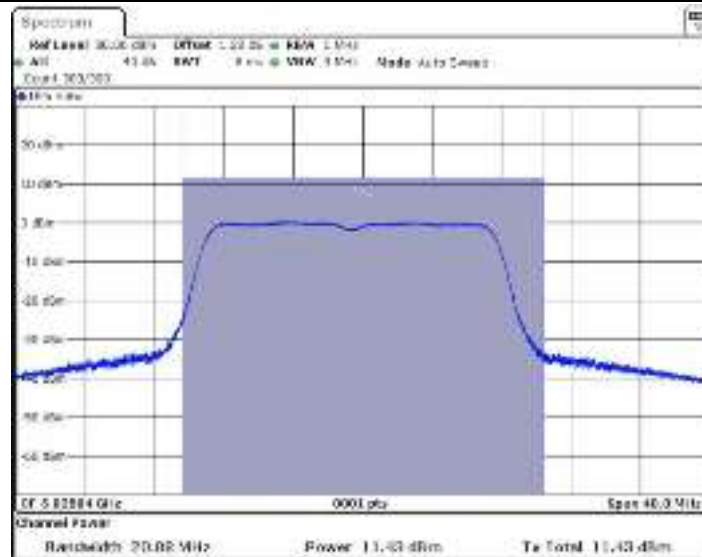
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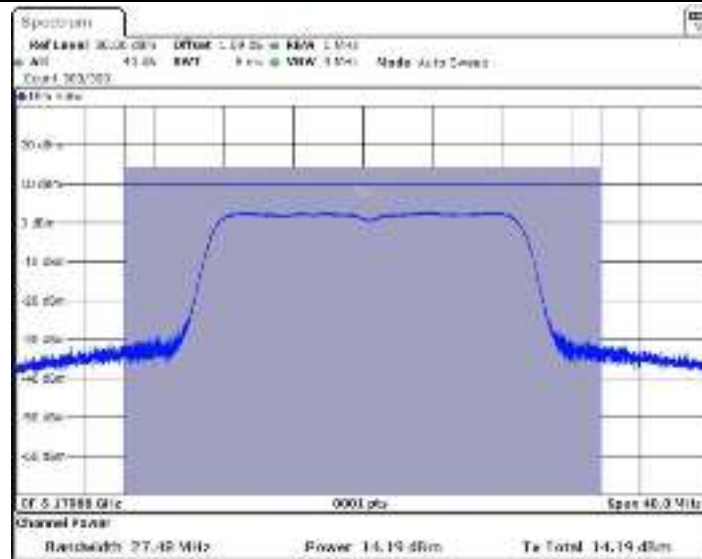
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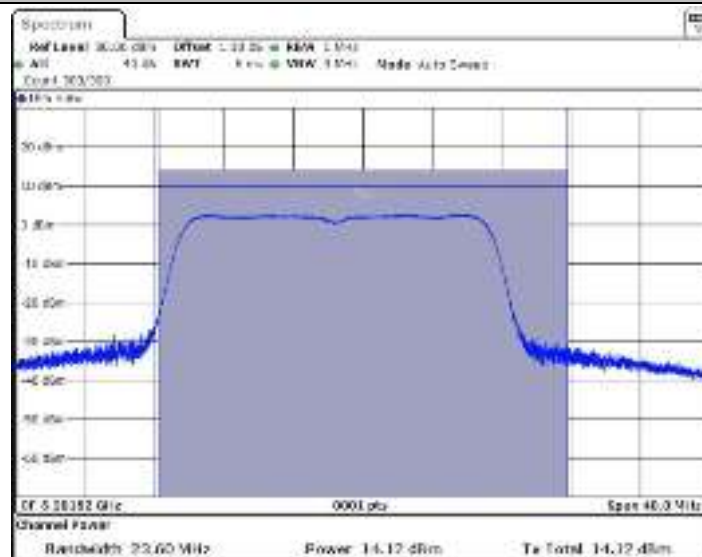
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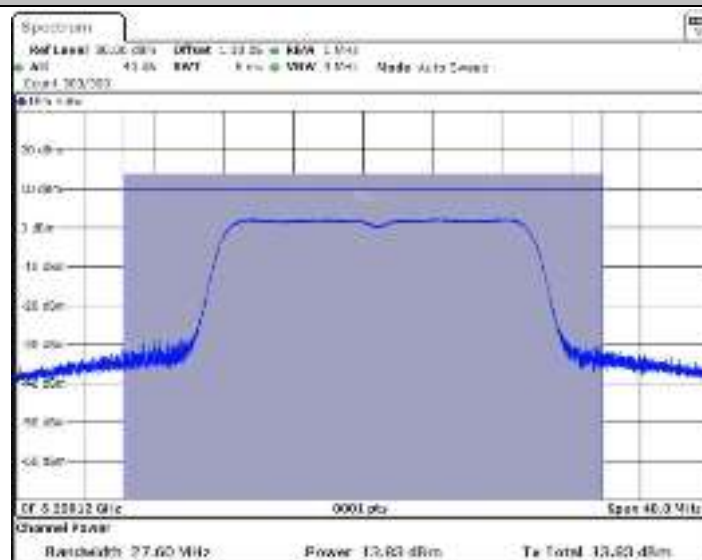
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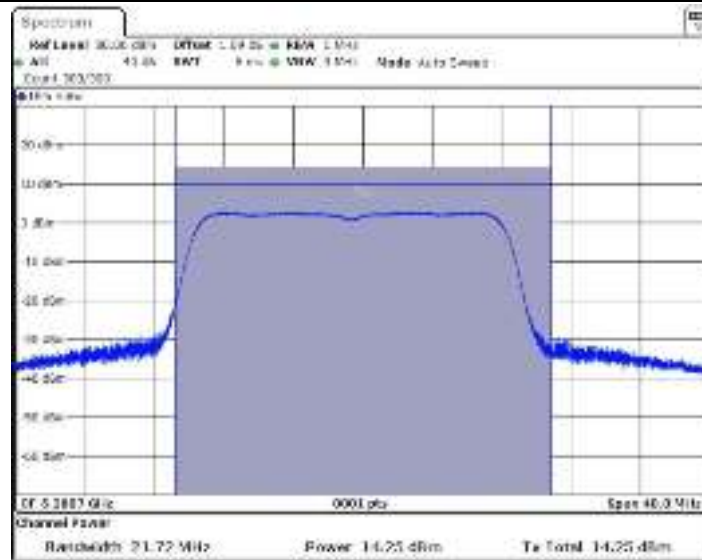
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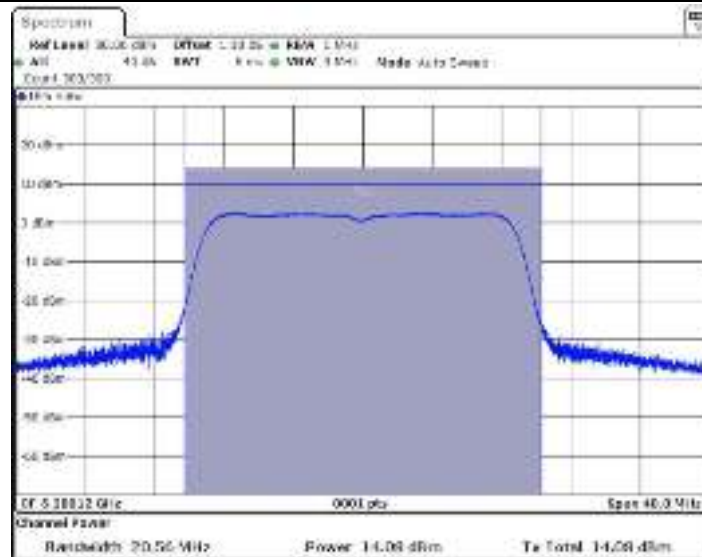
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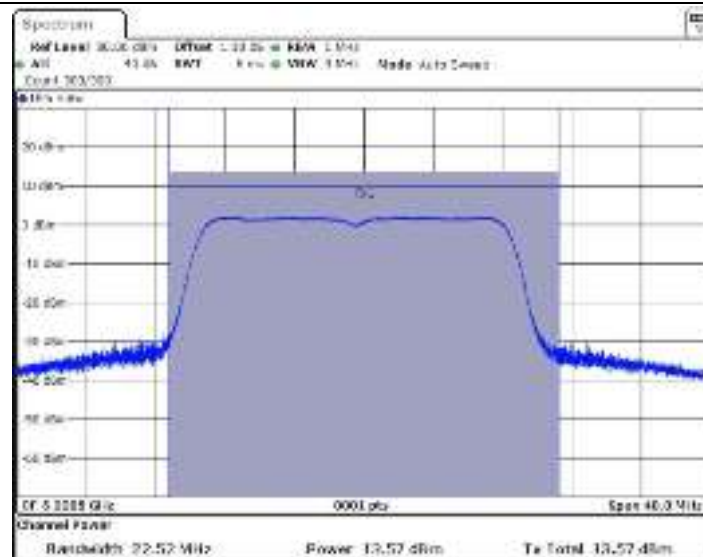
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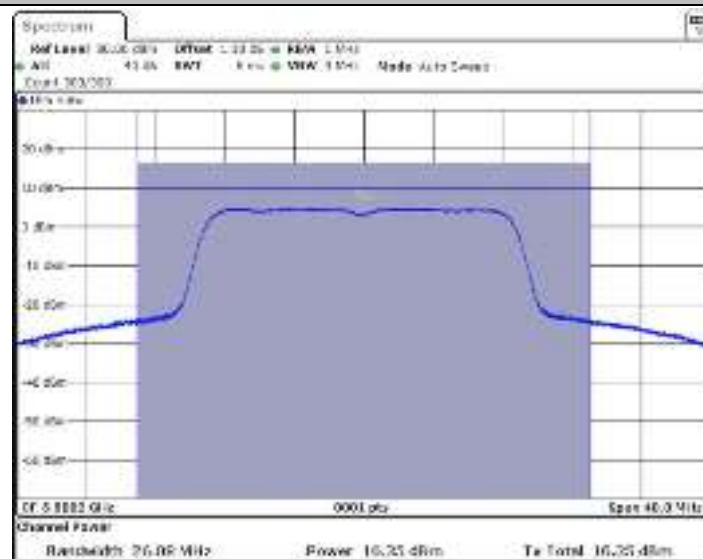
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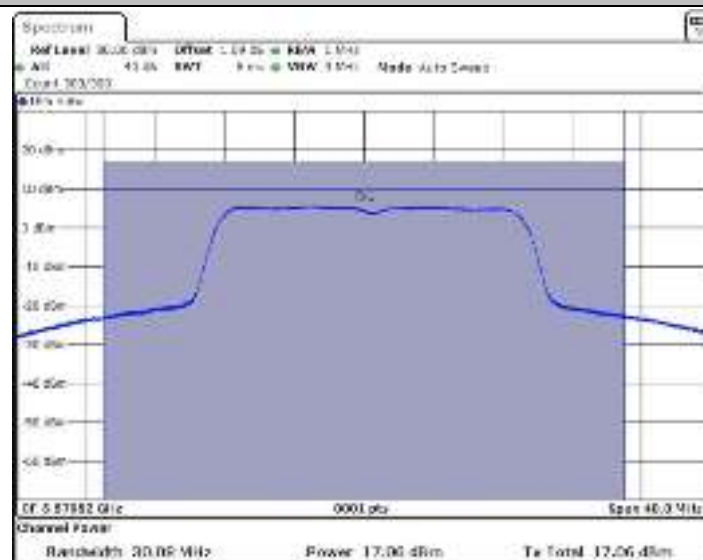
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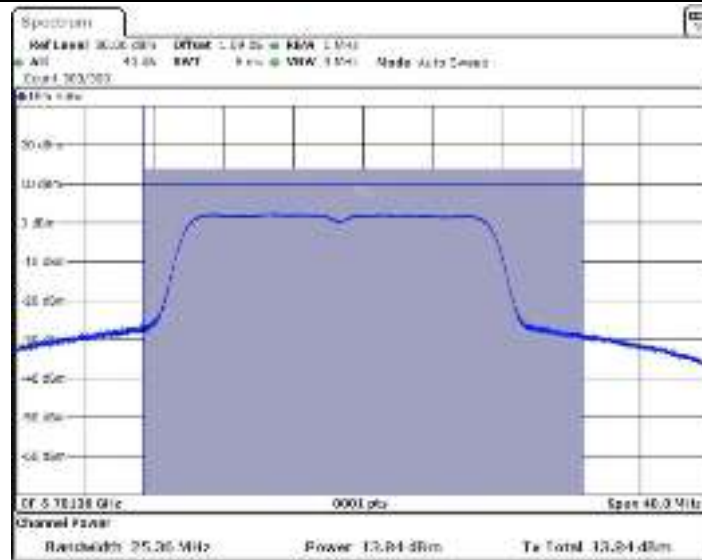
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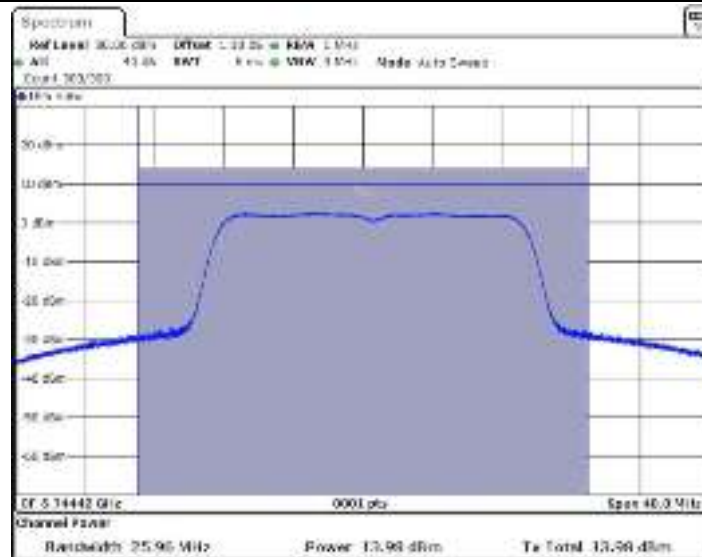
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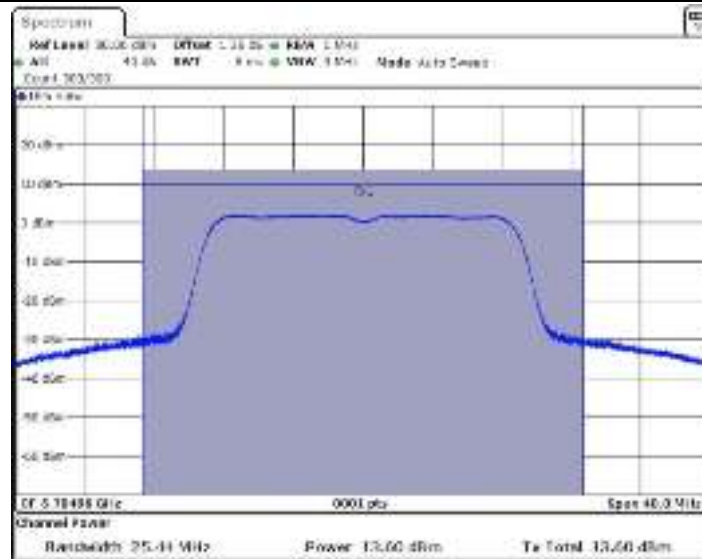
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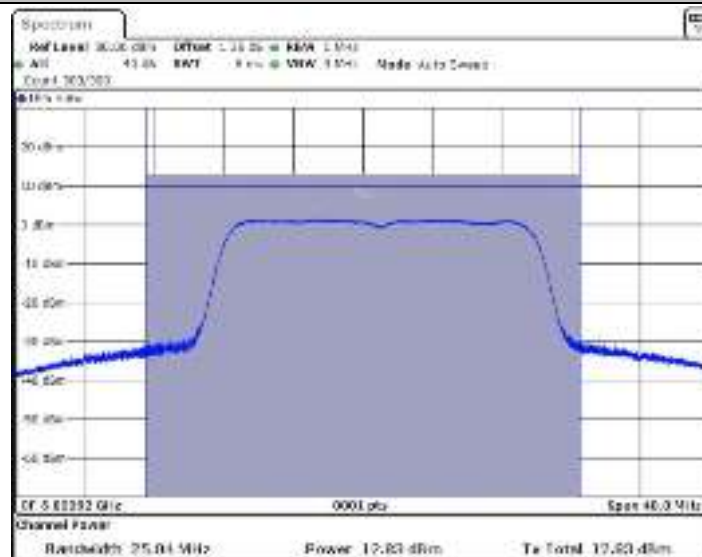
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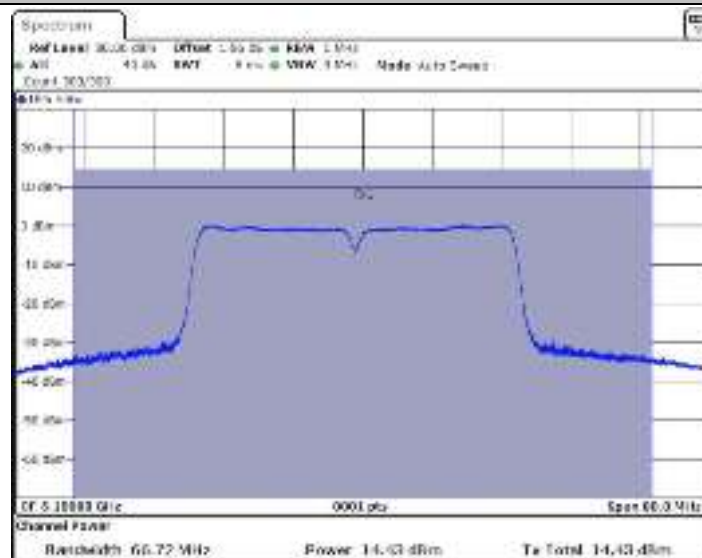
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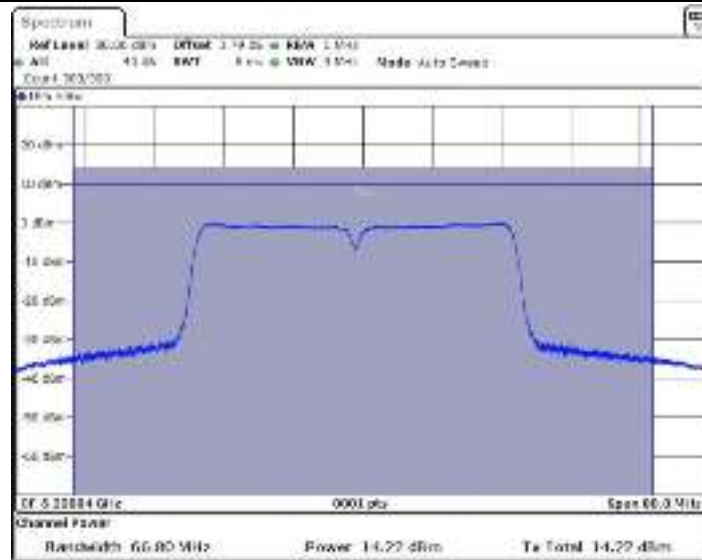
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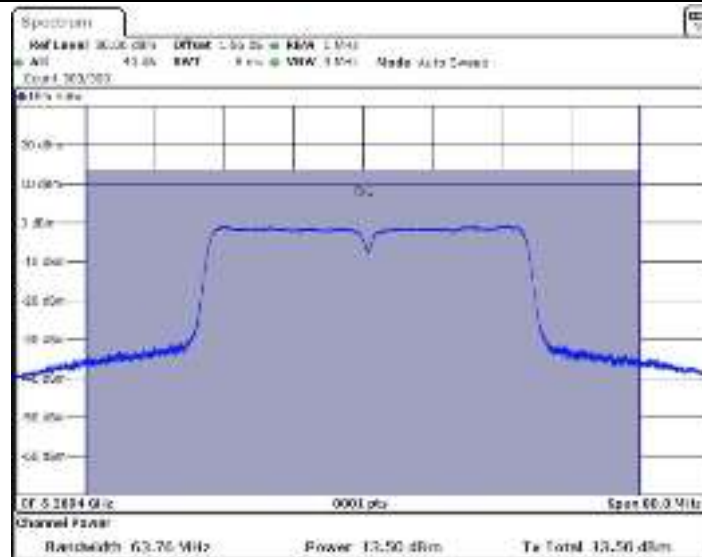
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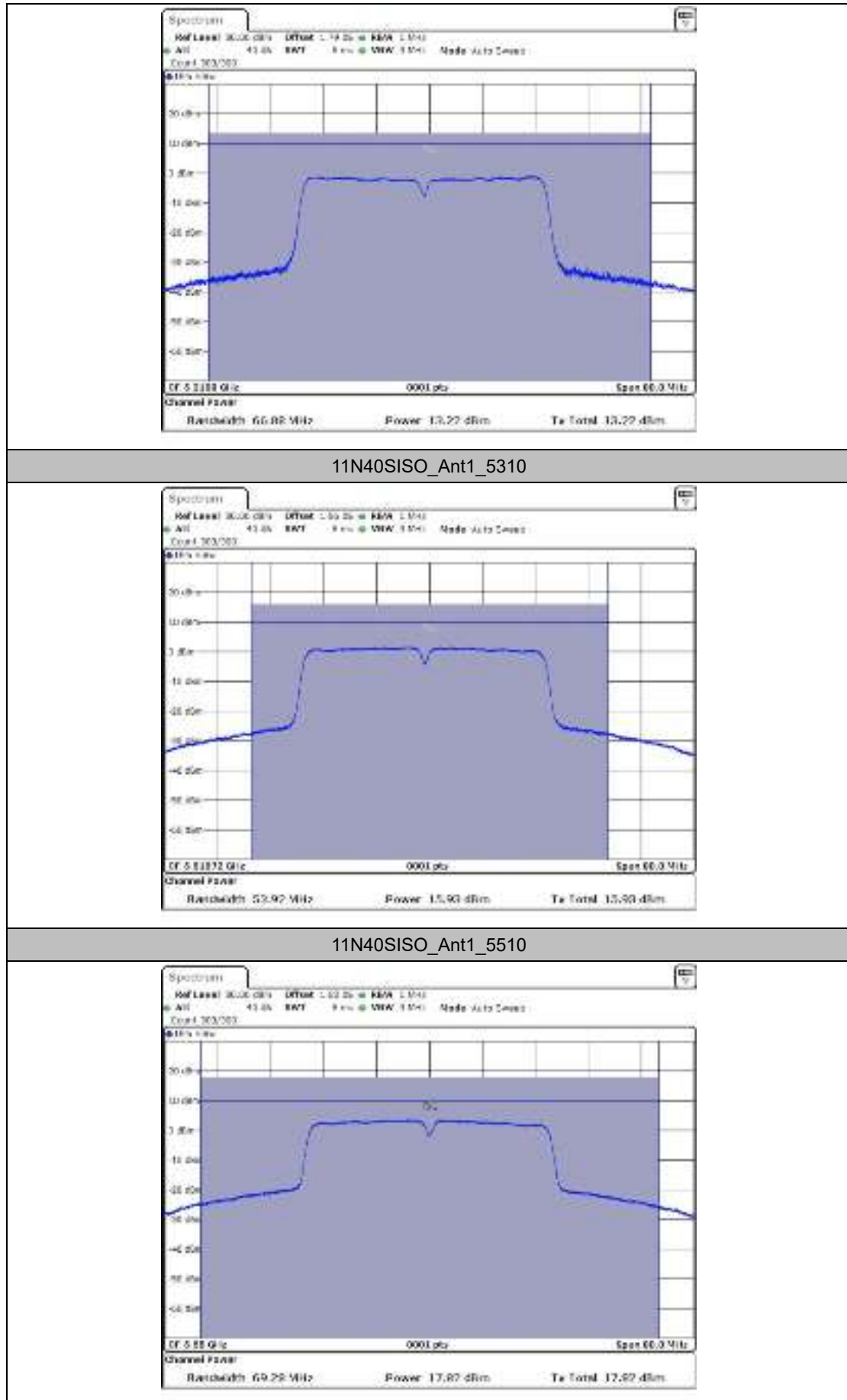
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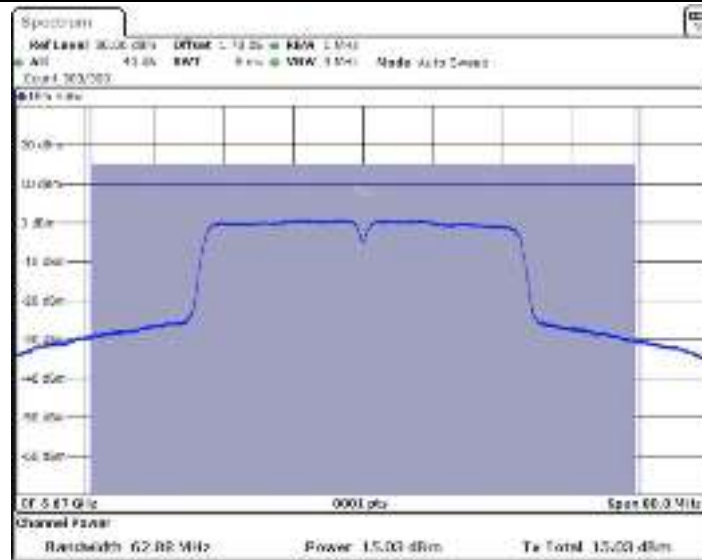
11N40SISO\_Ant1\_5230



11N40SISO\_Ant1\_5270



11N40SISO\_Ant1\_5550



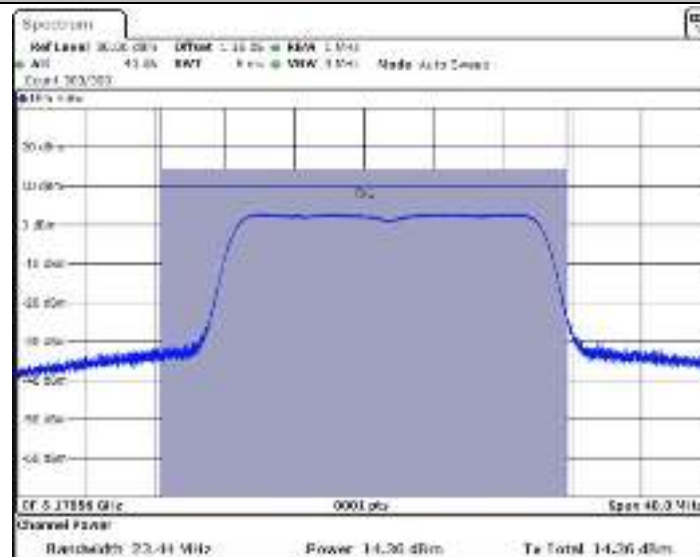
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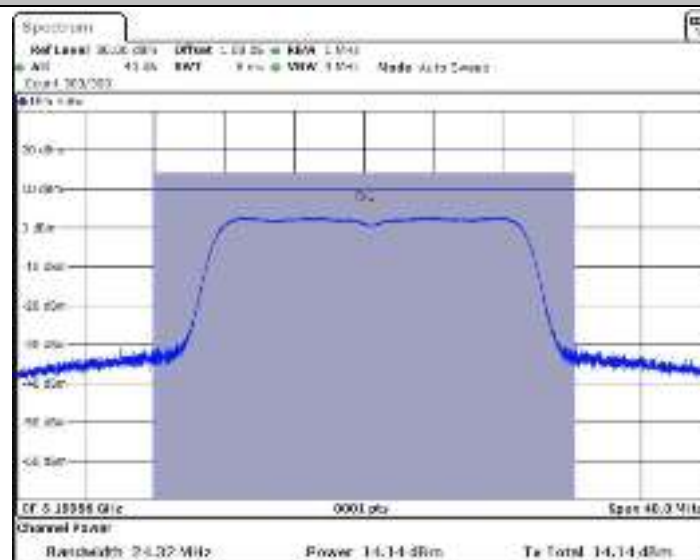
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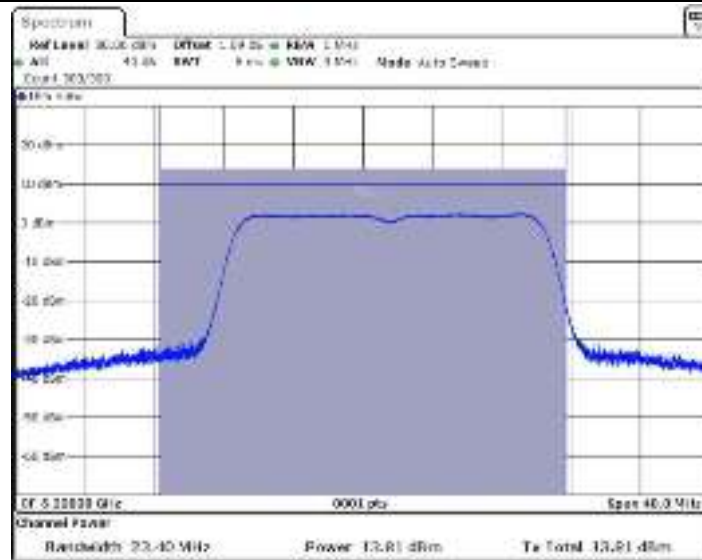
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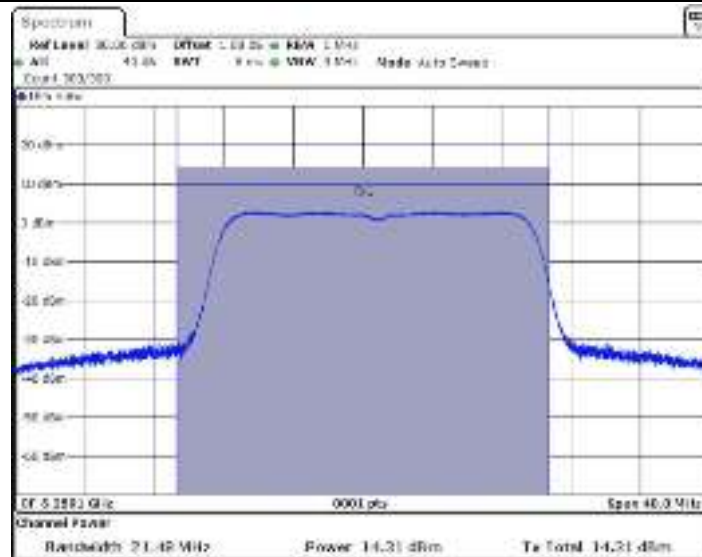
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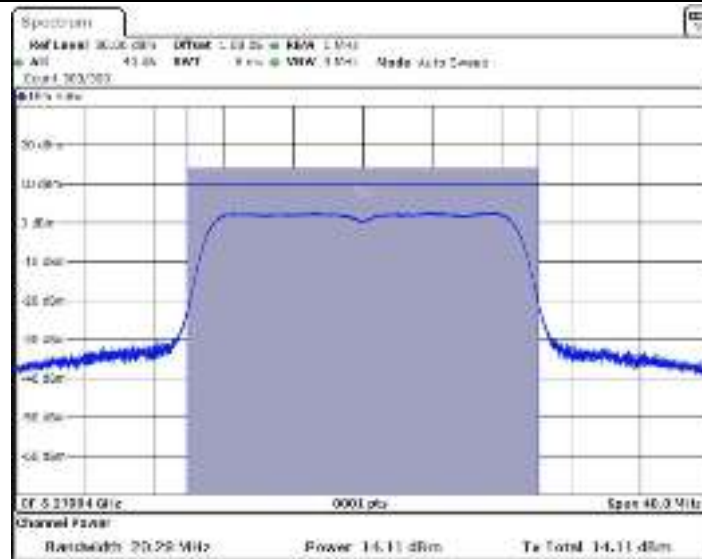
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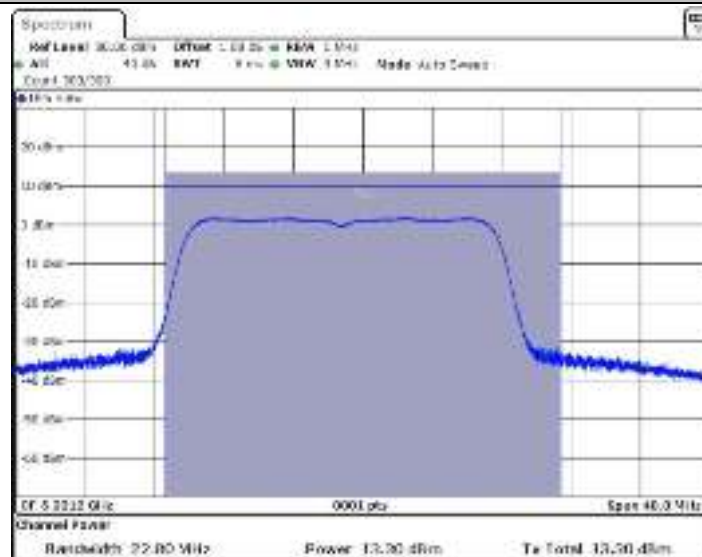
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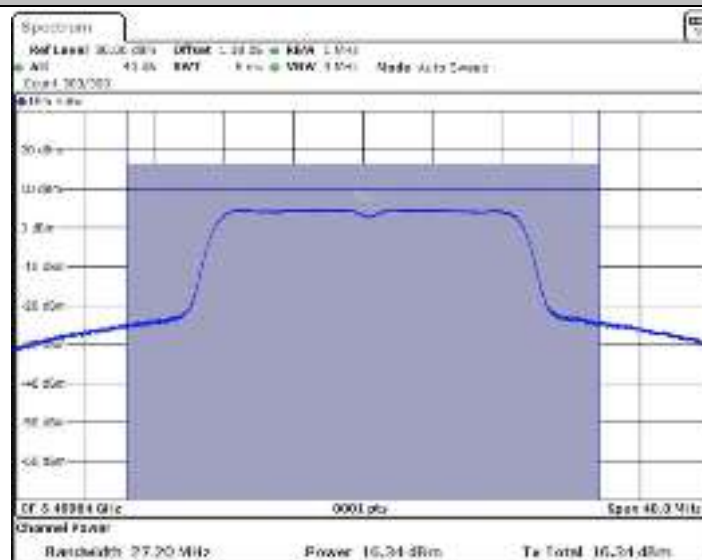
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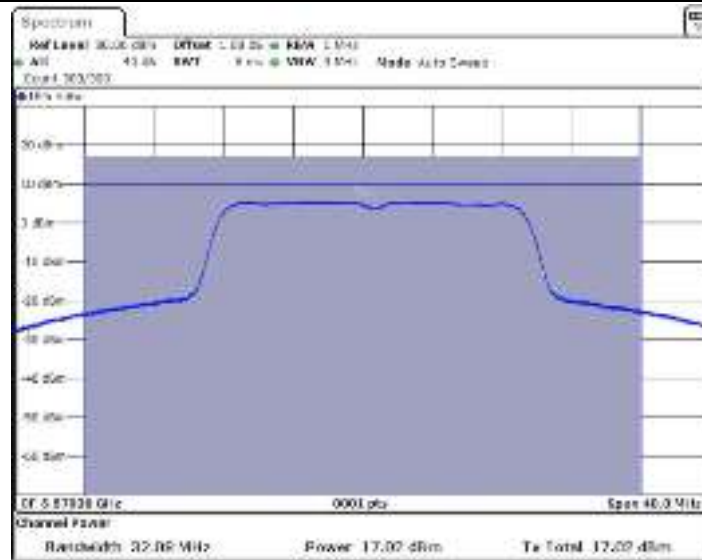
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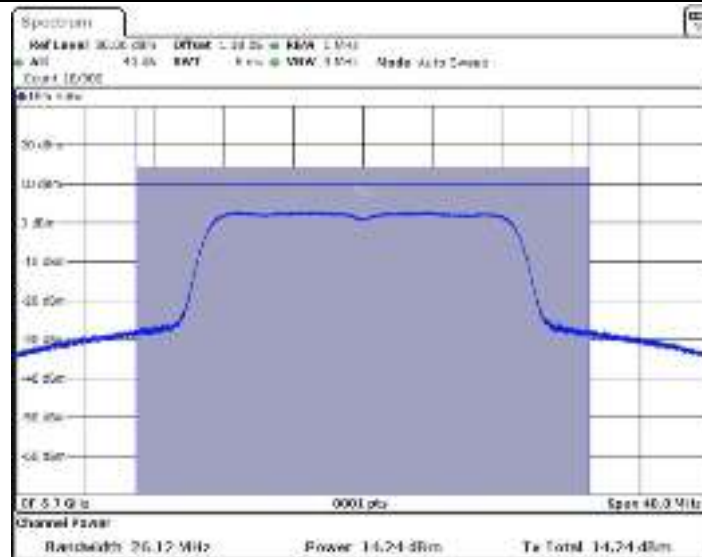
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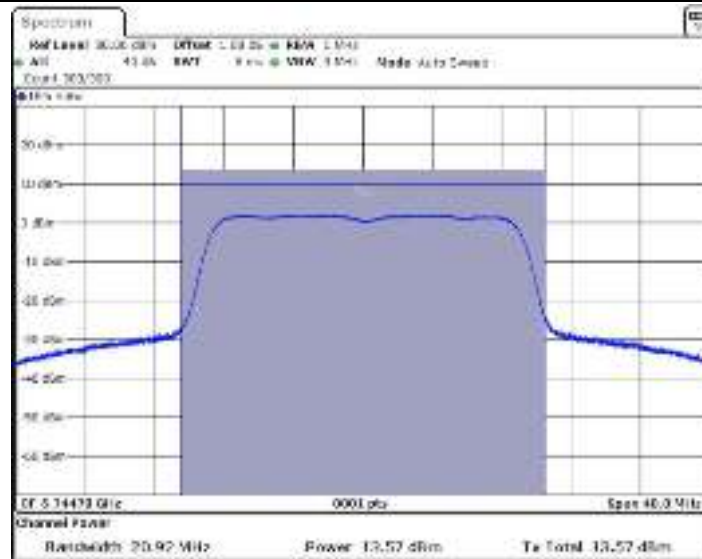
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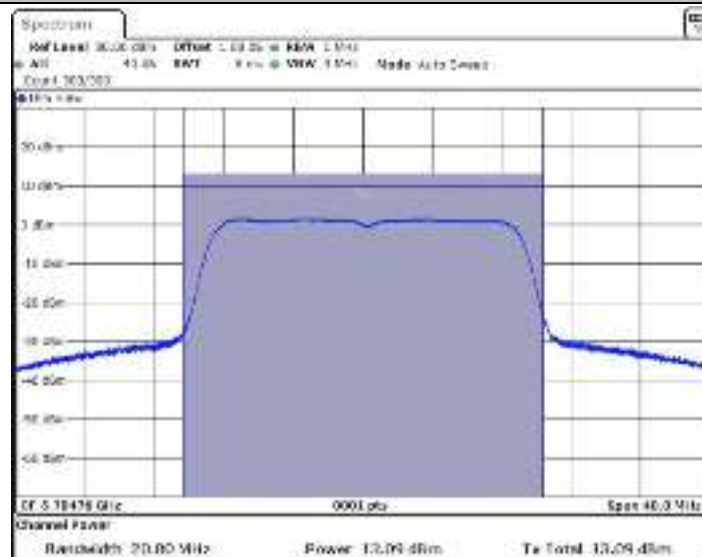
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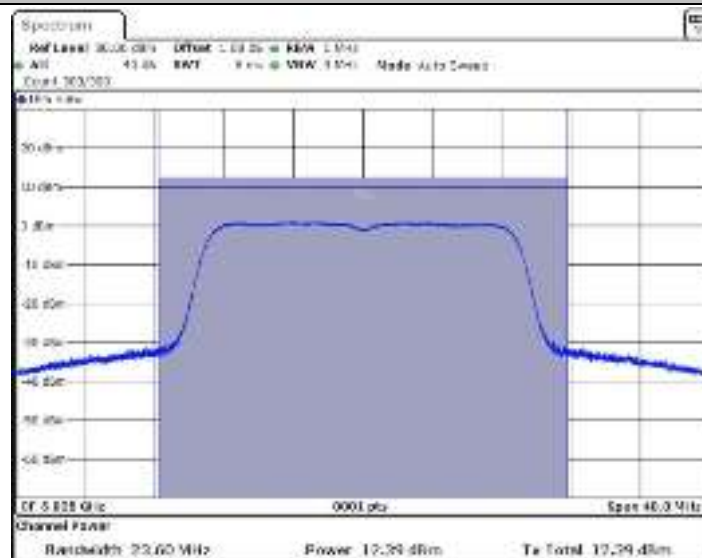
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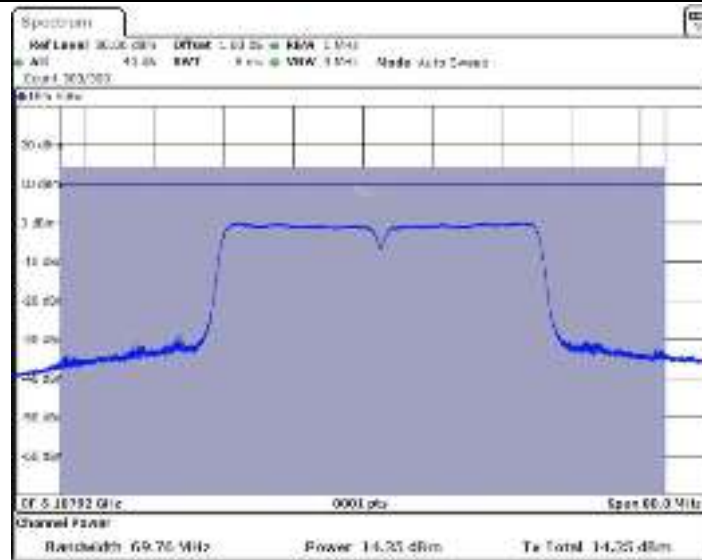
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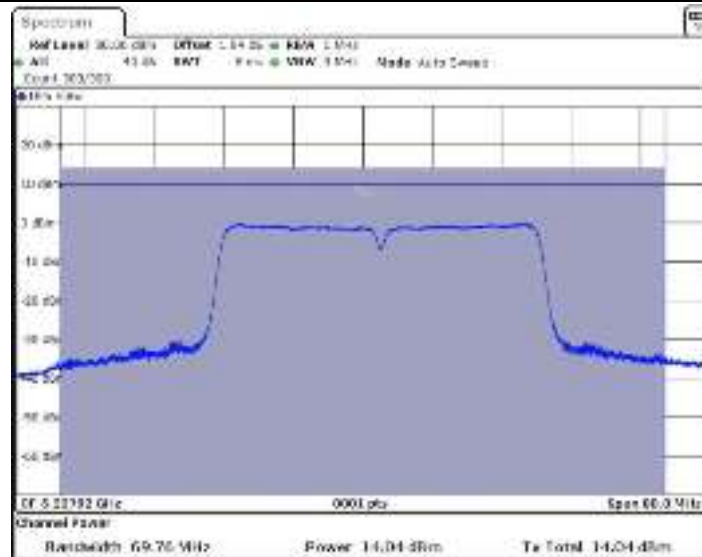
11AC20SISO\_Ant1\_5785



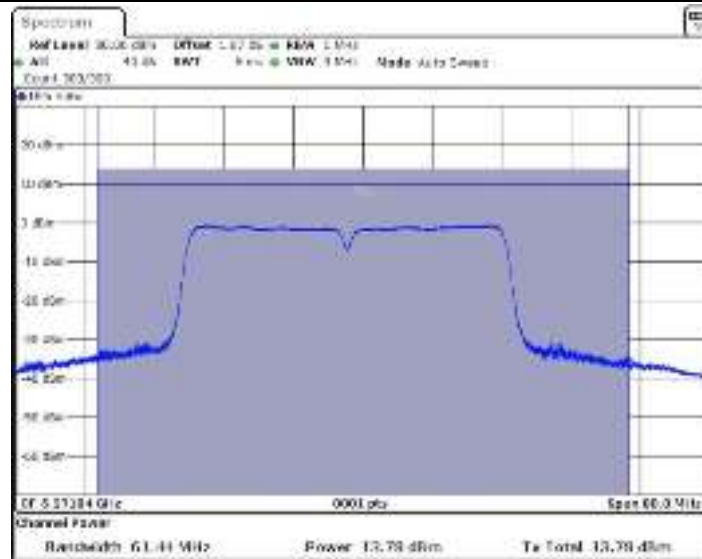
11AC20SISO\_Ant1\_5825



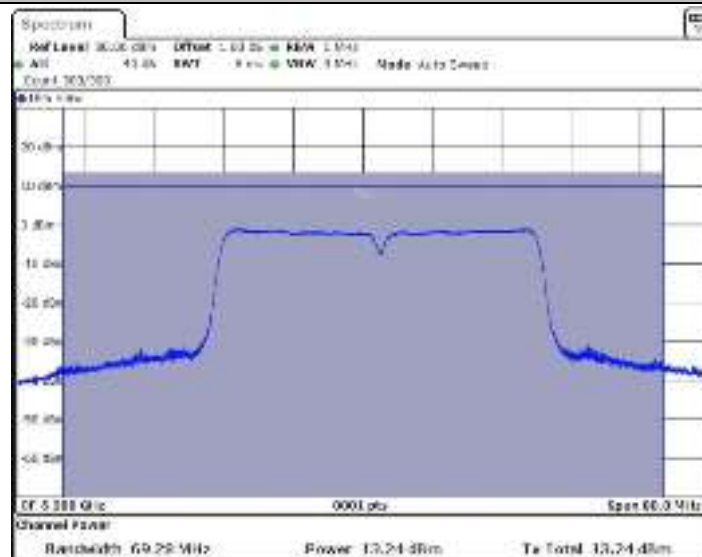
11AC40SISO\_Ant1\_5190



11AC40SISO\_Ant1\_5230



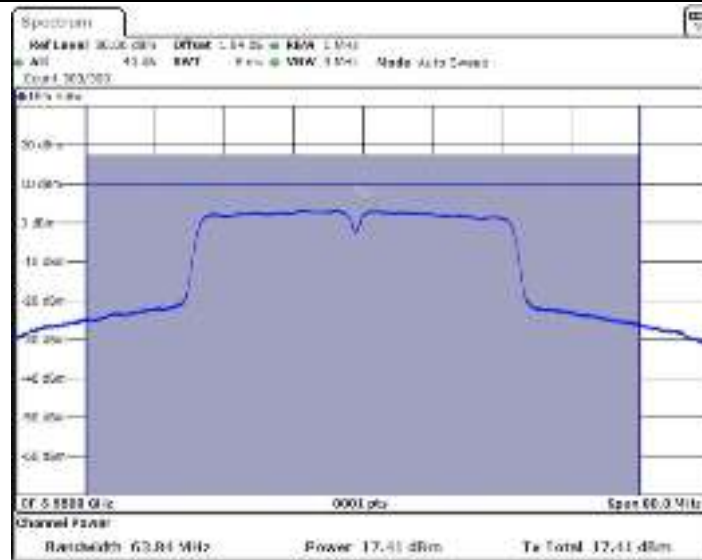
11AC40SISO\_Ant1\_5270



11AC40SISO\_Ant1\_5310



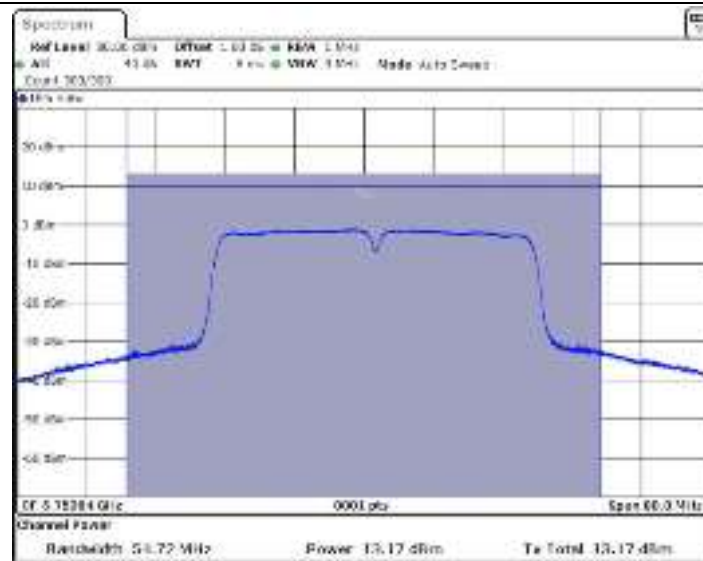
11AC40SISO\_Ant1\_5510



11AC40SISO\_Ant1\_5550



11AC40SISO\_Ant1\_5670



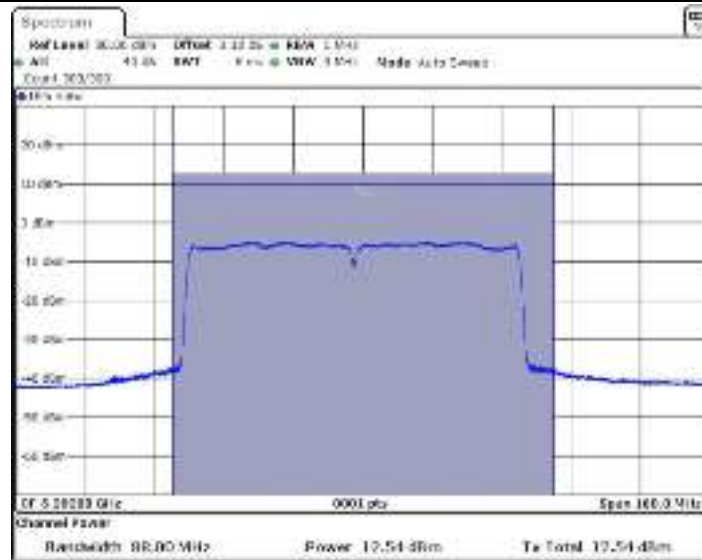
11AC40SISO\_Ant1\_5755



11AC40SISO\_Ant1\_5795



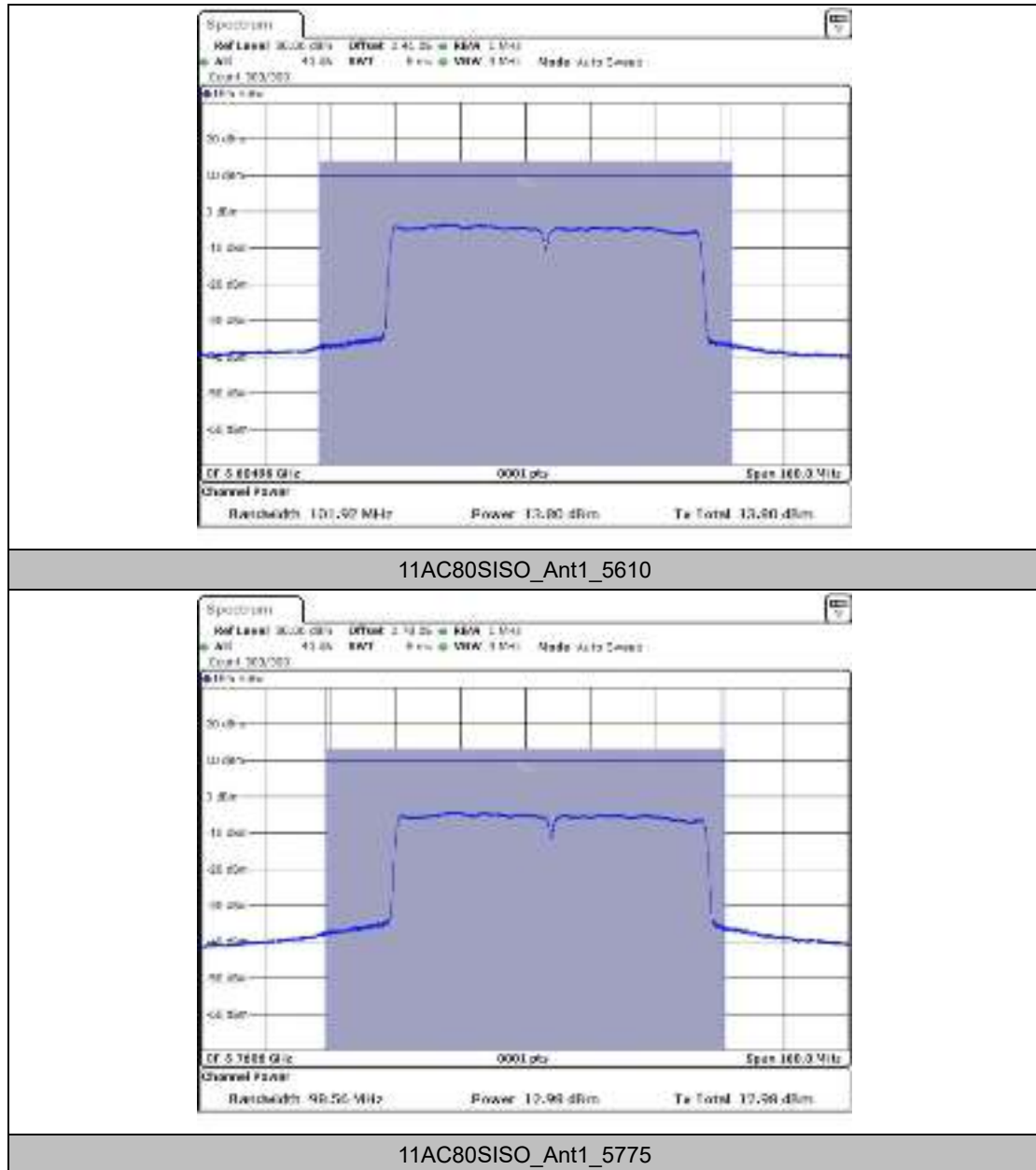
11AC80SISO\_Ant1\_5210



11AC80SISO\_Ant1\_5290



11AC80SISO\_Ant1\_5530



## Appendix C: Maximum power spectral density

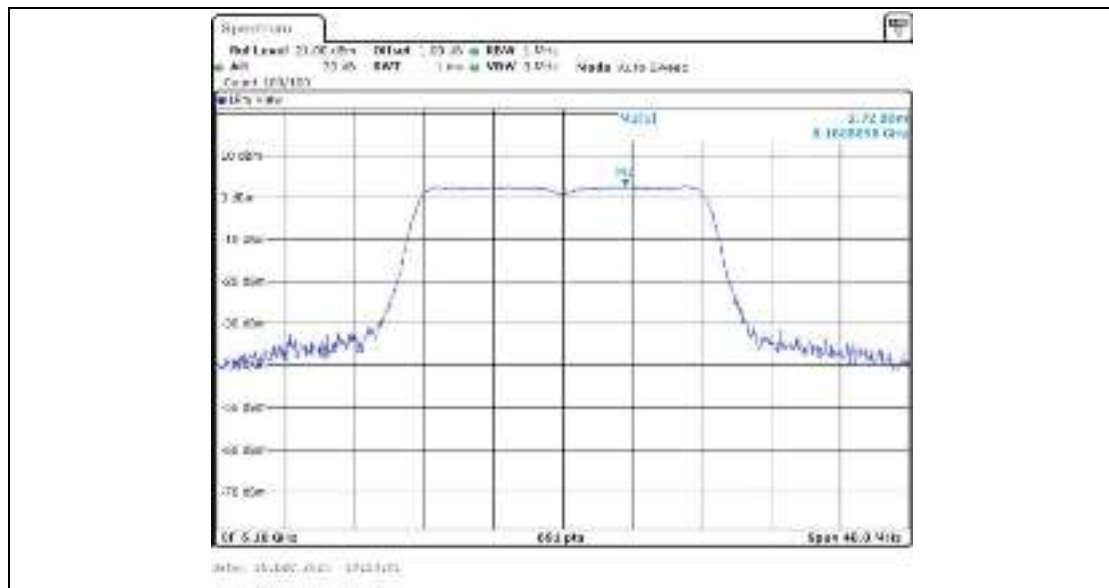
### Test Result

| TestMode   | Antenna | Channel | Result[dBm/MHz] | Limit[dBm/MHz] | Verdict |
|------------|---------|---------|-----------------|----------------|---------|
| 11A        | Ant1    | 5180    | 2.72            | <=11           | PASS    |
|            |         | 5200    | 3.03            | <=11           | PASS    |
|            |         | 5240    | 2.71            | <=11           | PASS    |
|            |         | 5260    | 2.34            | <=11           | PASS    |
|            |         | 5280    | 2.12            | <=11           | PASS    |
|            |         | 5320    | 1.59            | <=11           | PASS    |
|            |         | 5500    | 4.85            | <=11           | PASS    |
|            |         | 5580    | 5.57            | <=11           | PASS    |
|            |         | 5700    | 1.76            | <=11           | PASS    |
|            |         | 5745    | -1.81           | <=30           | PASS    |
|            |         | 5785    | -2.04           | <=30           | PASS    |
|            |         | 5825    | -2.59           | <=30           | PASS    |
| 11N20SISO  | Ant1    | 5180    | 2.65            | <=11           | PASS    |
|            |         | 5200    | 2.63            | <=11           | PASS    |
|            |         | 5240    | 2.34            | <=11           | PASS    |
|            |         | 5260    | 2.92            | <=11           | PASS    |
|            |         | 5280    | 2.64            | <=11           | PASS    |
|            |         | 5320    | 2.15            | <=11           | PASS    |
|            |         | 5500    | 5.04            | <=11           | PASS    |
|            |         | 5580    | 5.65            | <=11           | PASS    |
|            |         | 5700    | 2.34            | <=11           | PASS    |
|            |         | 5745    | -0.27           | <=30           | PASS    |
|            |         | 5785    | -0.8            | <=30           | PASS    |
|            |         | 5825    | -1.4            | <=30           | PASS    |
| 11N40SISO  | Ant1    | 5190    | 0.05            | <=11           | PASS    |
|            |         | 5230    | -0.1            | <=11           | PASS    |
|            |         | 5270    | -0.5            | <=11           | PASS    |
|            |         | 5310    | -0.69           | <=11           | PASS    |
|            |         | 5510    | 1.38            | <=11           | PASS    |
|            |         | 5550    | 3.67            | <=11           | PASS    |
|            |         | 5670    | 0.7             | <=11           | PASS    |
|            |         | 5755    | -4.58           | <=30           | PASS    |
|            |         | 5795    | -4.91           | <=30           | PASS    |
| 11AC20SISO | Ant1    | 5180    | 2.83            | <=11           | PASS    |
|            |         | 5200    | 2.61            | <=11           | PASS    |
|            |         | 5240    | 2.2             | <=11           | PASS    |
|            |         | 5260    | 3.04            | <=11           | PASS    |
|            |         | 5280    | 2.8             | <=11           | PASS    |

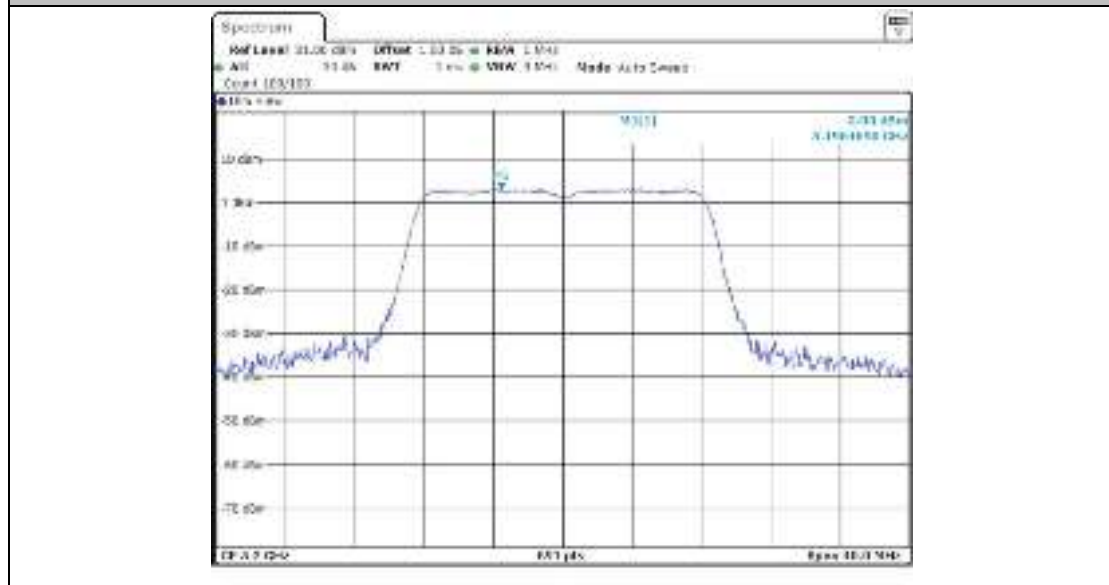
|            |      |      |       |      |      |
|------------|------|------|-------|------|------|
|            |      | 5320 | 1.79  | <=11 | PASS |
|            |      | 5500 | 4.78  | <=11 | PASS |
|            |      | 5580 | 5.59  | <=11 | PASS |
|            |      | 5700 | 2.7   | <=11 | PASS |
|            |      | 5745 | -0.84 | <=30 | PASS |
|            |      | 5785 | -1.31 | <=30 | PASS |
|            |      | 5825 | -1.78 | <=30 | PASS |
| 11AC40SISO | Ant1 | 5190 | 0.08  | <=11 | PASS |
|            |      | 5230 | -0.15 | <=11 | PASS |
|            |      | 5270 | -0.55 | <=11 | PASS |
|            |      | 5310 | -1    | <=11 | PASS |
|            |      | 5510 | 1.05  | <=11 | PASS |
|            |      | 5550 | 3.16  | <=11 | PASS |
|            |      | 5670 | 0.52  | <=11 | PASS |
|            |      | 5755 | -4    | <=30 | PASS |
|            |      | 5795 | -4.95 | <=30 | PASS |
| 11AC80SISO | Ant1 | 5210 | -3.81 | <=11 | PASS |
|            |      | 5290 | -5.02 | <=11 | PASS |
|            |      | 5530 | -2.3  | <=11 | PASS |
|            |      | 5610 | -3.24 | <=11 | PASS |
|            |      | 5775 | -7.28 | <=30 | PASS |

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

## Test Graphs



11A\_Ant1\_5180



11A\_Ant1\_5200