

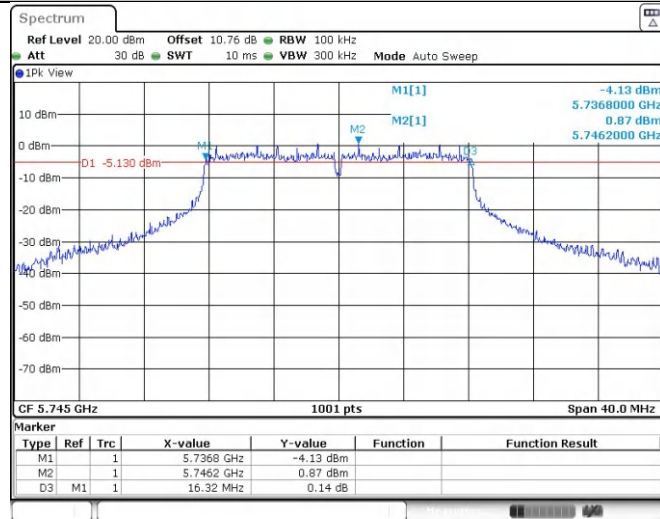
## Appendix A3: Min emission bandwidth

### Test Result B4

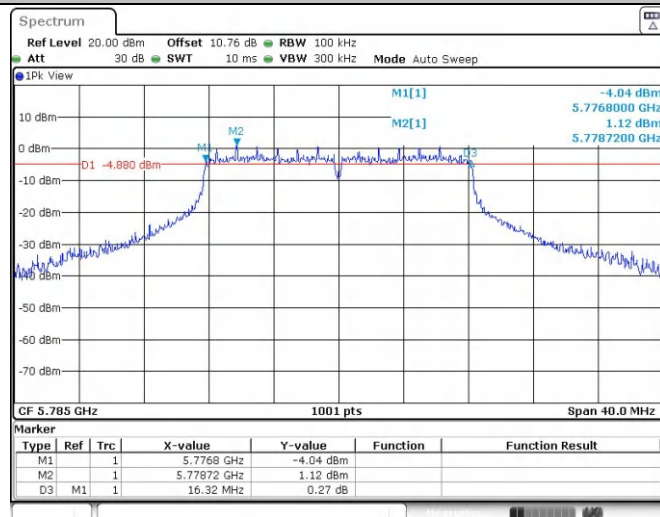
| TestMode   | Antenna | Channel | 6db EBW<br>[MHz] | FL[MHz] | FH[MHz] | Limit[MHz] | Verdict |
|------------|---------|---------|------------------|---------|---------|------------|---------|
| 11A        | Ant1    | 5745    | 16.32            | 5736.80 | 5753.12 | ≥0.5       | PASS    |
|            |         | 5785    | 16.32            | 5776.80 | 5793.12 | ≥0.5       | PASS    |
|            |         | 5825    | 16.32            | 5816.80 | 5833.12 | ≥0.5       | PASS    |
| 11N20SISO  | Ant1    | 5745    | 17.60            | 5736.16 | 5753.76 | ≥0.5       | PASS    |
|            |         | 5785    | 17.60            | 5776.16 | 5793.76 | ≥0.5       | PASS    |
|            |         | 5825    | 17.60            | 5816.16 | 5833.76 | ≥0.5       | PASS    |
| 11N40SISO  | Ant1    | 5755    | 36.40            | 5736.76 | 5773.16 | ≥0.5       | PASS    |
|            |         | 5795    | 36.40            | 5776.76 | 5813.16 | ≥0.5       | PASS    |
| 11AC20SISO | Ant1    | 5745    | 17.60            | 5736.16 | 5753.76 | ≥0.5       | PASS    |
|            |         | 5785    | 17.60            | 5776.16 | 5793.76 | ≥0.5       | PASS    |
|            |         | 5825    | 17.60            | 5816.16 | 5833.76 | ≥0.5       | PASS    |
| 11AC40SISO | Ant1    | 5755    | 36.40            | 5736.76 | 5773.16 | ≥0.5       | PASS    |
|            |         | 5795    | 36.40            | 5776.76 | 5813.16 | ≥0.5       | PASS    |
| 11AX20SISO | Ant1    | 5745    | 18.96            | 5735.48 | 5754.44 | ≥0.5       | PASS    |
|            |         | 5785    | 18.88            | 5775.52 | 5794.40 | ≥0.5       | PASS    |
|            |         | 5825    | 18.96            | 5815.48 | 5834.44 | ≥0.5       | PASS    |
| 11AX40SISO | Ant1    | 5755    | 38.08            | 5735.96 | 5774.04 | ≥0.5       | PASS    |
|            |         | 5795    | 37.92            | 5776.04 | 5813.96 | ≥0.5       | PASS    |

## Test Graphs B4

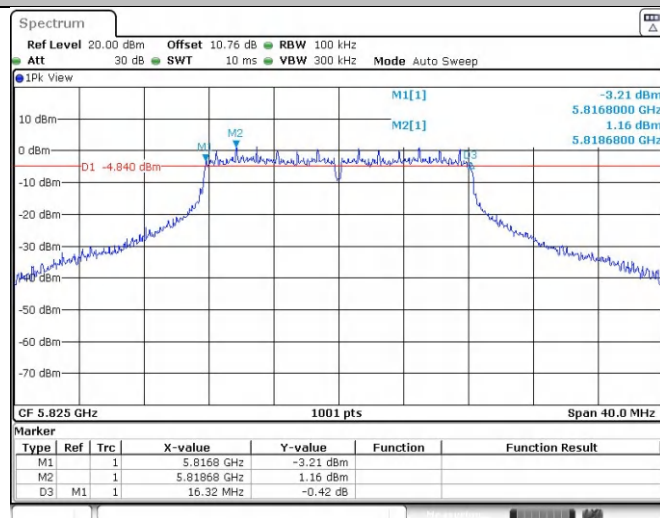
11A\_Ant1\_5745



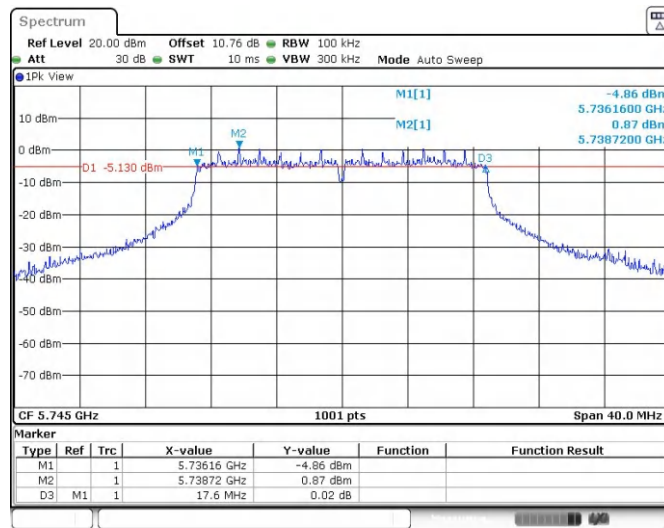
11A\_Ant1\_5785



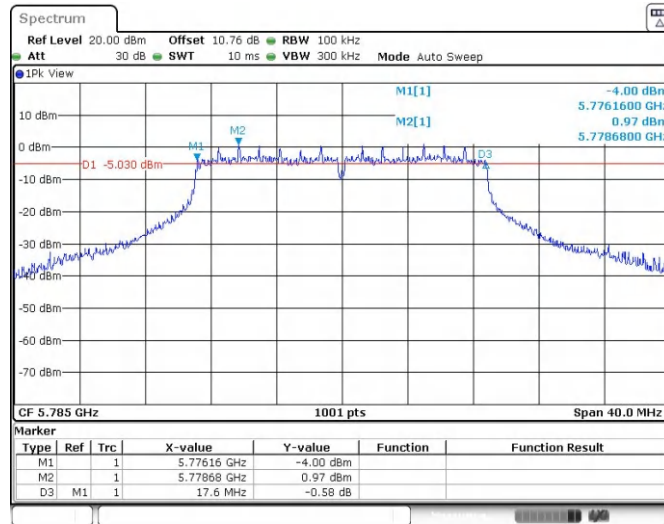
11A\_Ant1\_5825



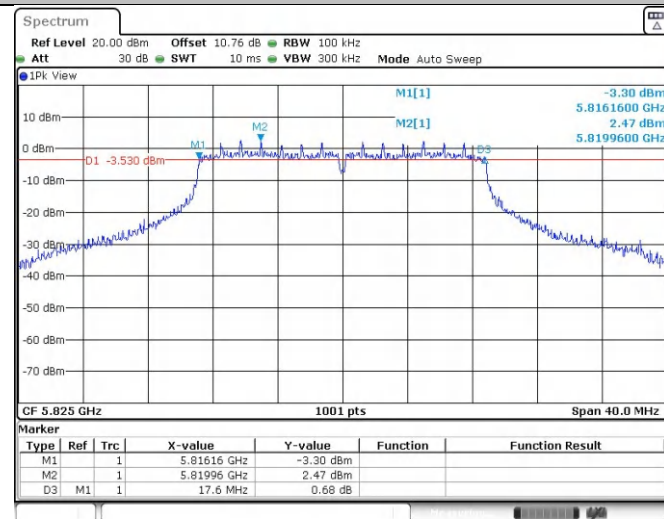
# 11N20SISO\_Ant1\_5745



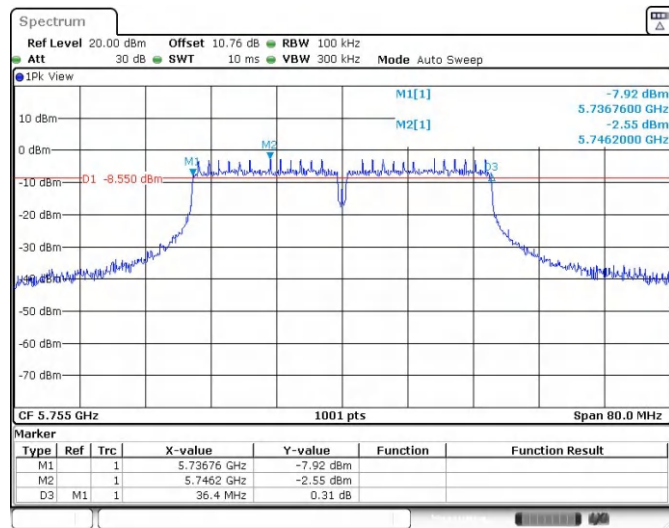
# 11N20SISO\_Ant1\_5785



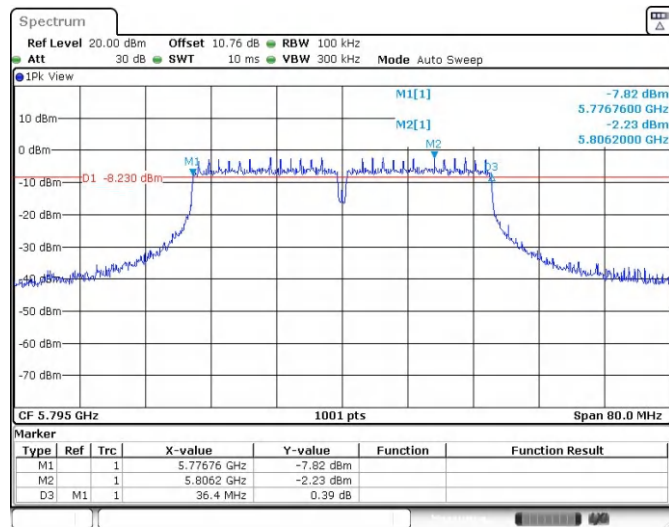
# 11N20SISO\_Ant1\_5825



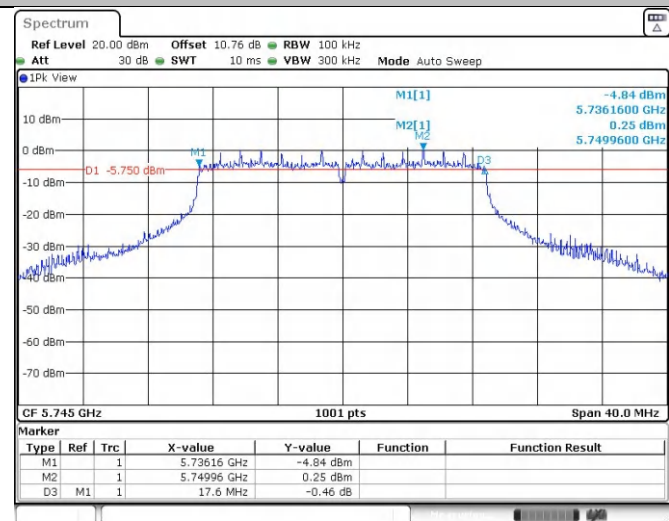
# 11N40SISO\_Ant1\_5755



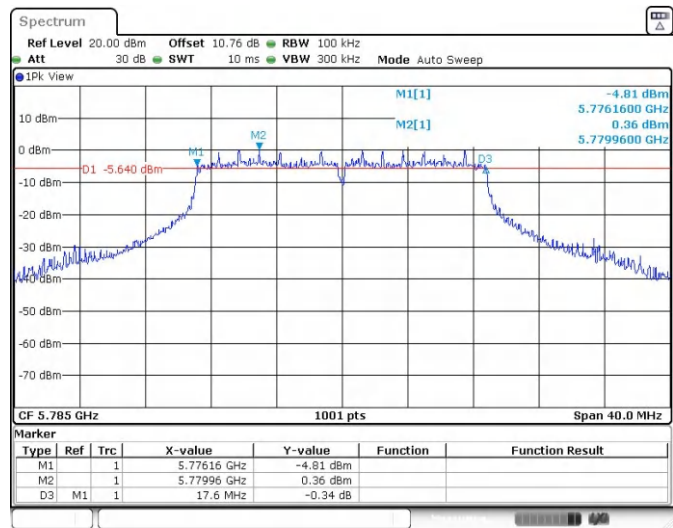
# 11N40SISO\_Ant1\_5795



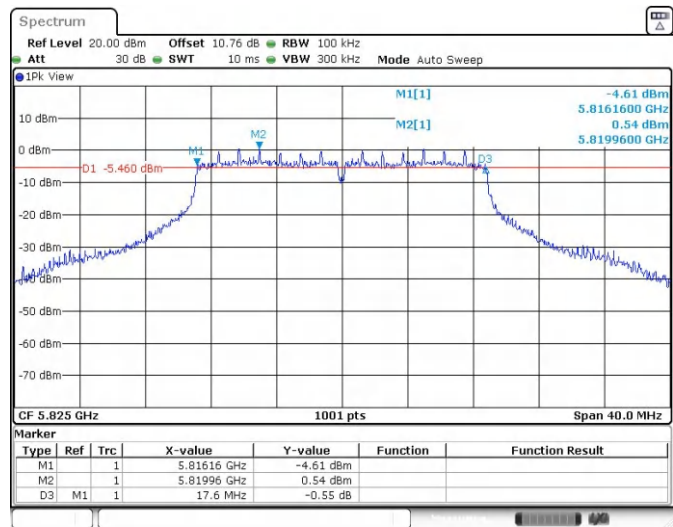
# 11AC20SISO\_Ant1\_5745



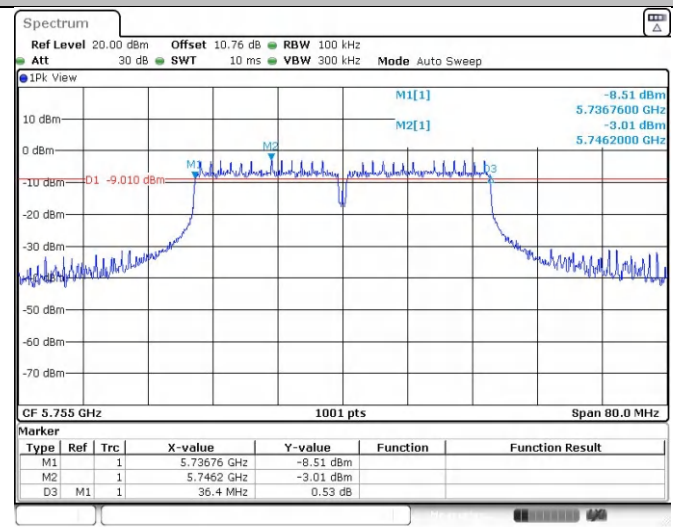
11AC20SISO\_Ant1\_5785



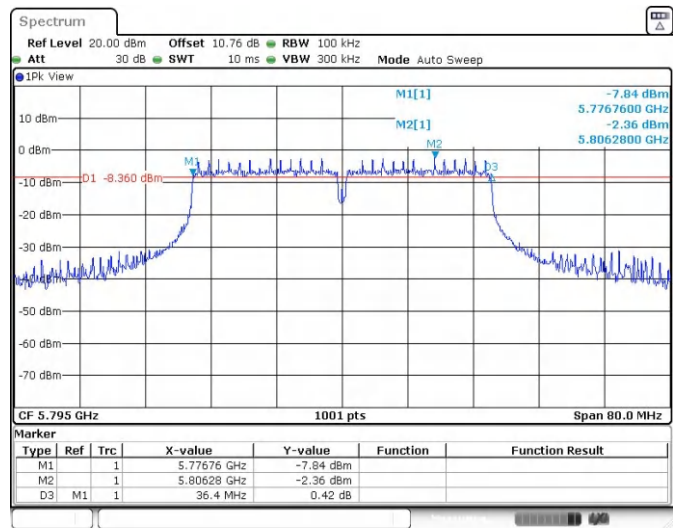
11AC20SISO\_Ant1\_5825



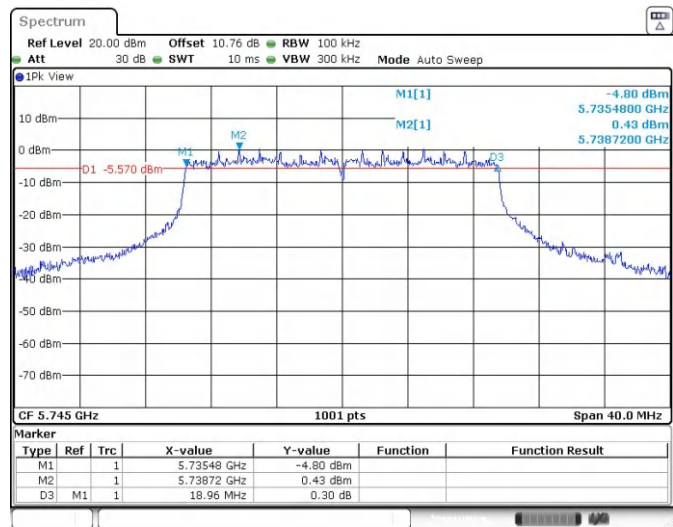
11AC40SISO\_Ant1\_5755



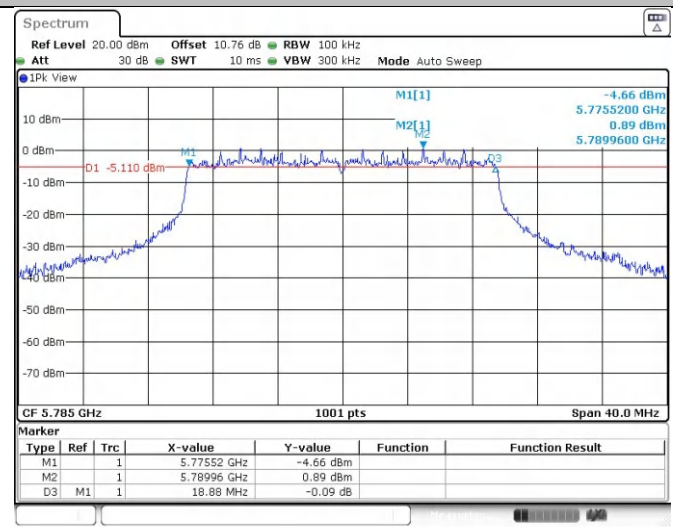
11AC40SISO\_Ant1\_5795



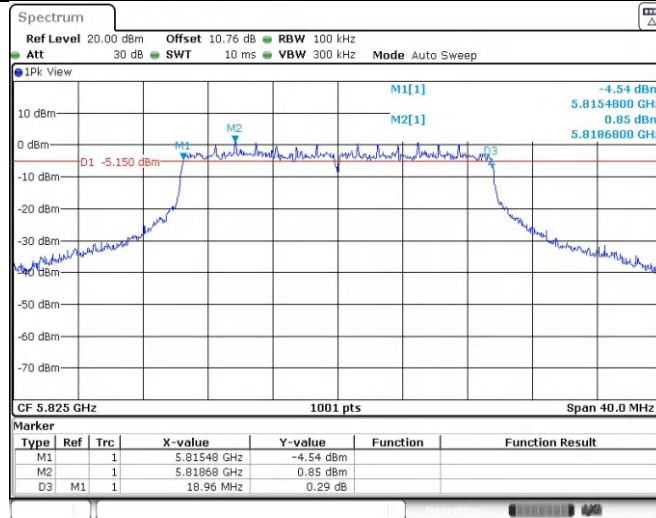
11AX20SISO\_Ant1\_5745



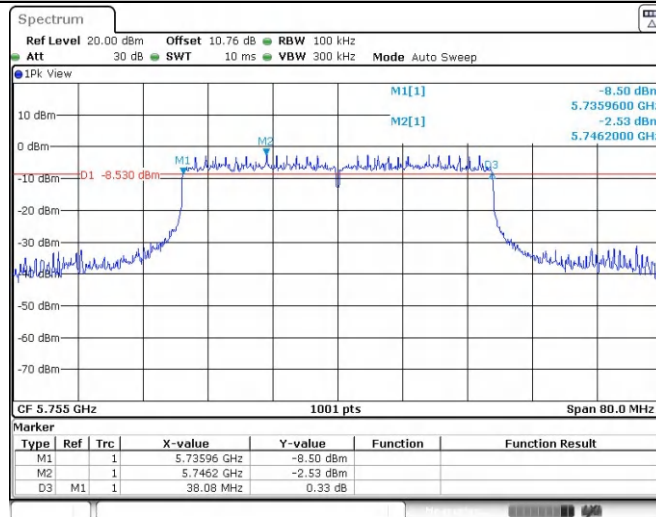
11AX20SISO\_Ant1\_5785



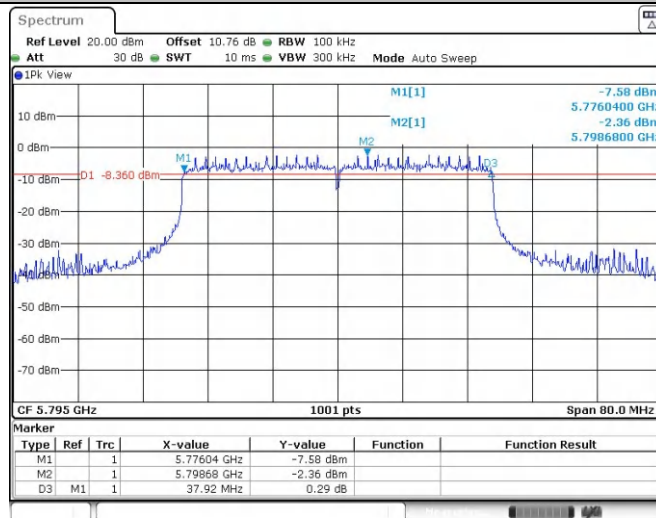
# 11AX20SISO\_Ant1\_5825



# 11AX40SISO\_Ant1\_5755



# 11AX40SISO\_Ant1\_5795



## Appendix B: Duty Cycle

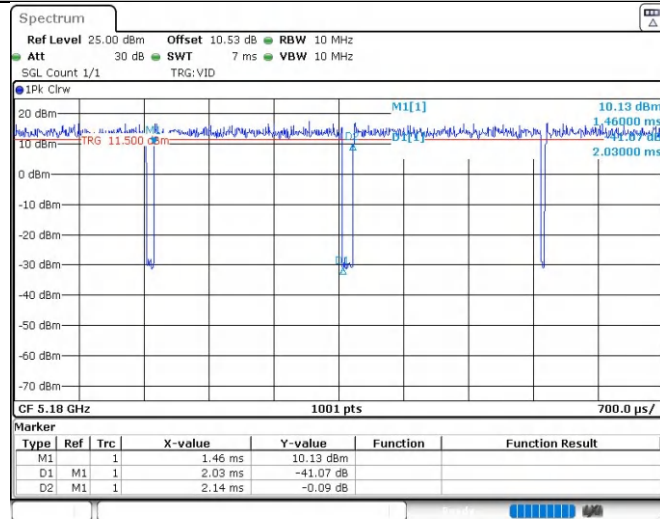
### Test Result

| TestMode   | Antenna | Channel | Transmission Duration [ms] | Transmission Period [ms] | Duty Cycle [%] | Limit | Verdict |
|------------|---------|---------|----------------------------|--------------------------|----------------|-------|---------|
| 11A        | Ant1    | 5180    | 2.03                       | 2.14                     | 94.86          | ---   | ---     |
|            |         | 5220    | 2.03                       | 2.21                     | 91.86          | ---   | ---     |
|            |         | 5240    | 2.03                       | 2.20                     | 92.27          | ---   | ---     |
|            |         | 5260    | 2.04                       | 2.20                     | 92.73          | ---   | ---     |
|            |         | 5300    | 2.03                       | 2.21                     | 91.86          | ---   | ---     |
|            |         | 5320    | 2.03                       | 2.26                     | 89.82          | ---   | ---     |
|            |         | 5745    | 2.03                       | 2.19                     | 92.69          | ---   | ---     |
|            |         | 5785    | 2.04                       | 2.26                     | 90.27          | ---   | ---     |
|            |         | 5825    | 2.03                       | 2.25                     | 90.22          | ---   | ---     |
| 11N20SISO  | Ant1    | 5180    | 1.89                       | 2.03                     | 93.10          | ---   | ---     |
|            |         | 5220    | 1.89                       | 2.05                     | 92.20          | ---   | ---     |
|            |         | 5240    | 1.89                       | 2.00                     | 94.50          | ---   | ---     |
|            |         | 5260    | 1.89                       | 2.07                     | 91.30          | ---   | ---     |
|            |         | 5300    | 1.89                       | 2.00                     | 94.50          | ---   | ---     |
|            |         | 5320    | 1.89                       | 2.03                     | 93.10          | ---   | ---     |
|            |         | 5745    | 1.89                       | 2.07                     | 91.30          | ---   | ---     |
|            |         | 5785    | 1.89                       | 2.01                     | 94.03          | ---   | ---     |
|            |         | 5825    | 1.89                       | 2.01                     | 94.03          | ---   | ---     |
| 11N40SISO  | Ant1    | 5190    | 0.93                       | 1.06                     | 87.74          | ---   | ---     |
|            |         | 5230    | 0.93                       | 0.98                     | 94.90          | ---   | ---     |
|            |         | 5270    | 0.93                       | 1.12                     | 83.04          | ---   | ---     |
|            |         | 5310    | 0.93                       | 1.07                     | 86.92          | ---   | ---     |
|            |         | 5755    | 0.93                       | 1.00                     | 93.00          | ---   | ---     |
|            |         | 5795    | 0.93                       | 1.04                     | 89.42          | ---   | ---     |
| 11AC20SISO | Ant1    | 5180    | 1.91                       | 1.96                     | 97.45          | ---   | ---     |
|            |         | 5220    | 1.90                       | 2.05                     | 92.68          | ---   | ---     |
|            |         | 5240    | 1.89                       | 2.03                     | 93.10          | ---   | ---     |
|            |         | 5260    | 1.89                       | 2.00                     | 94.50          | ---   | ---     |
|            |         | 5300    | 1.91                       | 1.96                     | 97.45          | ---   | ---     |
|            |         | 5320    | 1.90                       | 2.09                     | 90.91          | ---   | ---     |
|            |         | 5745    | 1.91                       | 2.03                     | 94.09          | ---   | ---     |
|            |         | 5785    | 1.91                       | 2.11                     | 90.52          | ---   | ---     |
|            |         | 5825    | 1.90                       | 2.12                     | 89.62          | ---   | ---     |
| 11AC40SISO | Ant1    | 5190    | 0.94                       | 1.08                     | 87.04          | ---   | ---     |
|            |         | 5230    | 0.93                       | 0.99                     | 93.94          | ---   | ---     |
|            |         | 5270    | 0.94                       | 1.12                     | 83.93          | ---   | ---     |
|            |         | 5310    | 0.93                       | 1.12                     | 83.04          | ---   | ---     |

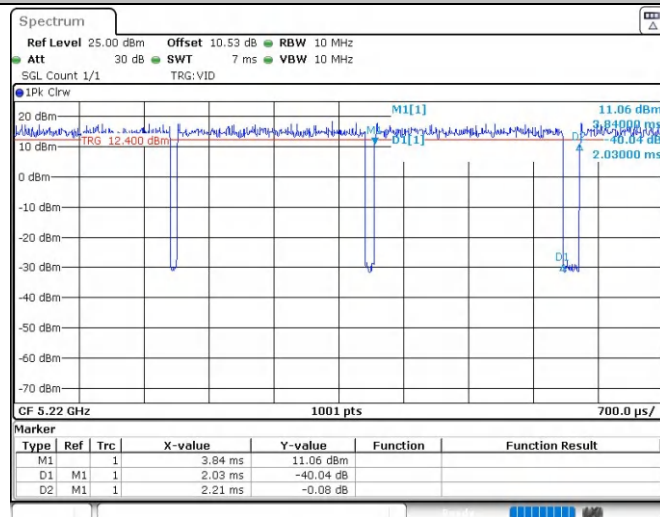
|            |      |      |      |      |       |     |     |
|------------|------|------|------|------|-------|-----|-----|
|            |      | 5755 | 0.94 | 1.00 | 94.00 | --- | --- |
|            |      | 5795 | 0.94 | 1.09 | 86.24 | --- | --- |
| 11AX20SISO | Ant1 | 5180 | 1.46 | 1.57 | 92.99 | --- | --- |
|            |      | 5220 | 1.45 | 1.57 | 92.36 | --- | --- |
|            |      | 5240 | 1.46 | 1.59 | 91.82 | --- | --- |
|            |      | 5260 | 1.46 | 1.61 | 90.68 | --- | --- |
|            |      | 5300 | 1.46 | 1.55 | 94.19 | --- | --- |
|            |      | 5320 | 1.45 | 1.59 | 91.19 | --- | --- |
|            |      | 5745 | 1.45 | 2.63 | 55.13 | --- | --- |
|            |      | 5785 | 1.46 | 1.75 | 83.43 | --- | --- |
|            |      | 5825 | 1.46 | 1.51 | 96.69 | --- | --- |
|            |      |      |      |      |       |     |     |
| 11AX40SISO | Ant1 | 5190 | 0.75 | 0.86 | 87.21 | --- | --- |
|            |      | 5230 | 0.75 | 0.91 | 82.42 | --- | --- |
|            |      | 5270 | 0.75 | 0.86 | 87.21 | --- | --- |
|            |      | 5310 | 0.75 | 0.93 | 80.65 | --- | --- |
|            |      | 5755 | 0.75 | 0.84 | 89.29 | --- | --- |
|            |      | 5795 | 0.75 | 0.95 | 78.95 | --- | --- |

## Test Graphs

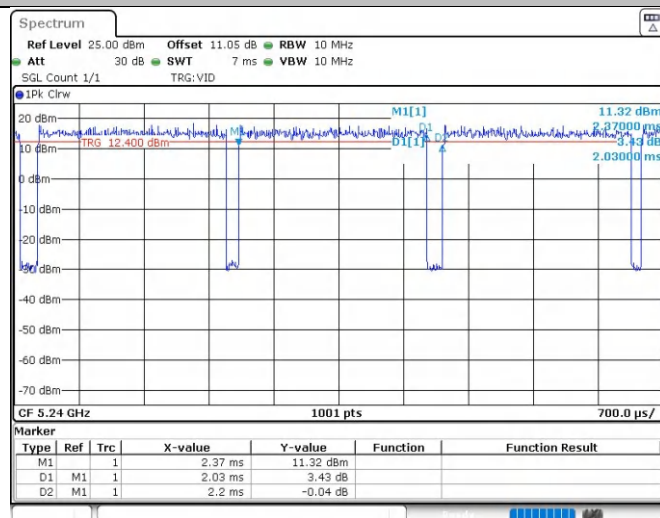
11A\_Ant1\_5180



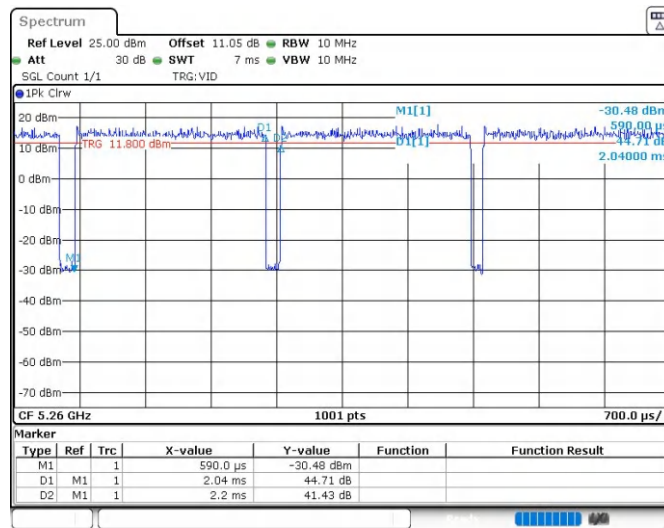
11A\_Ant1\_5220



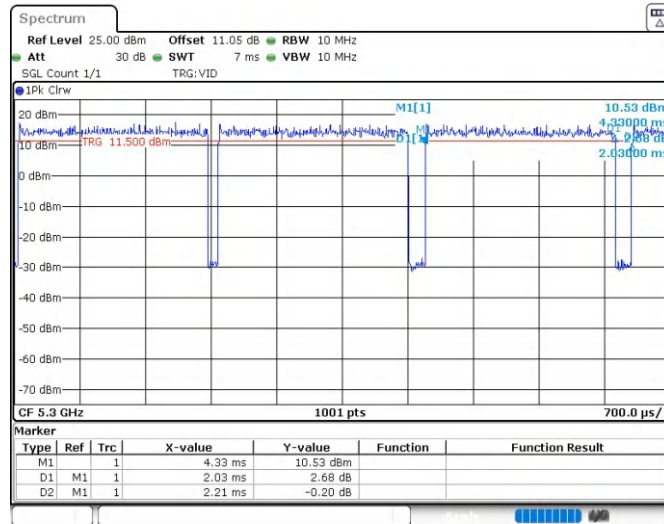
11A\_Ant1\_5240



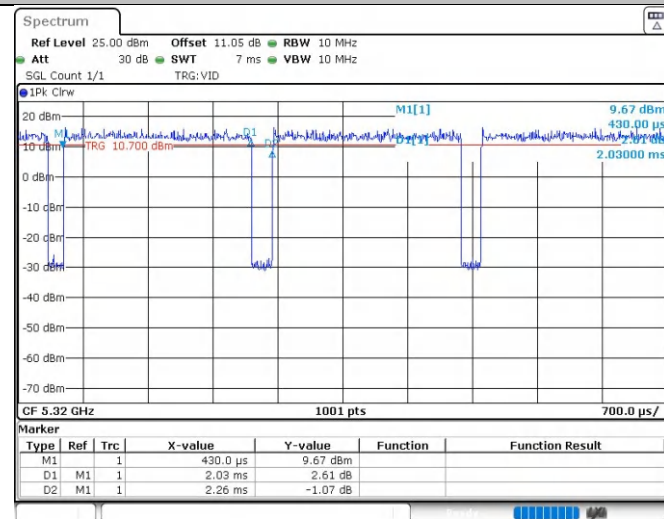
# 11A\_Ant1\_5260



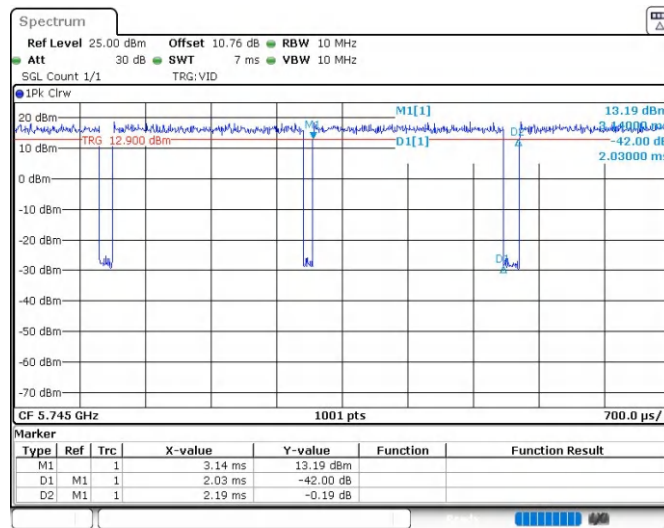
# 11A\_Ant1\_5300



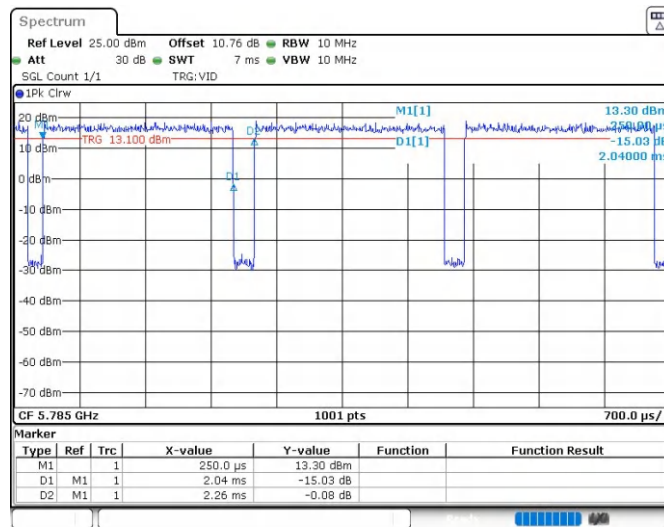
# 11A\_Ant1\_5320



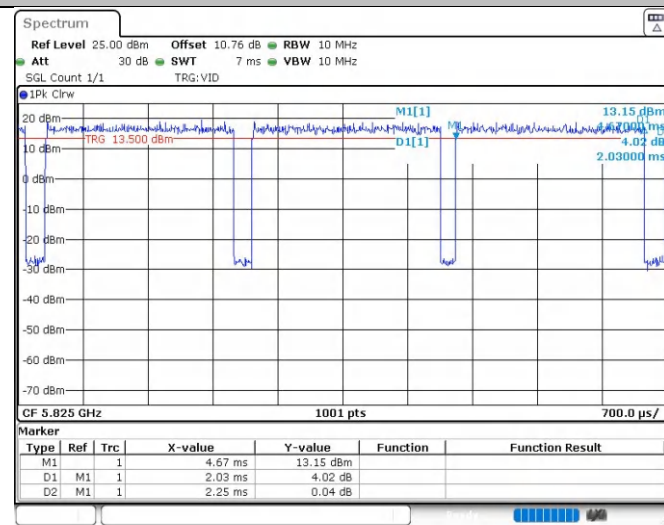
# 11A\_Ant1\_5745



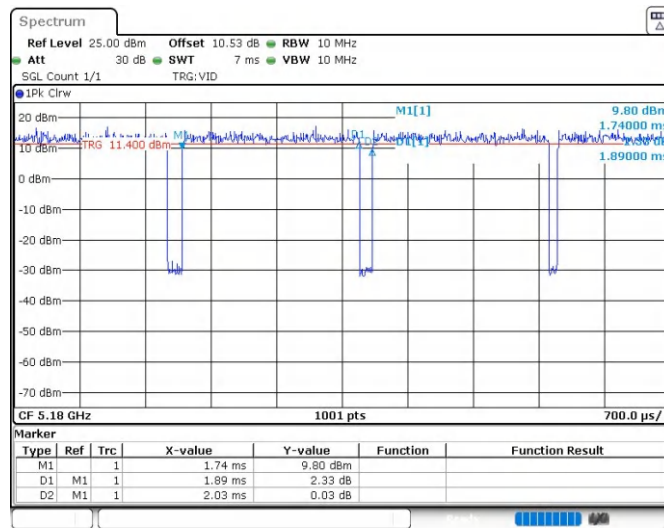
# 11A\_Ant1\_5785



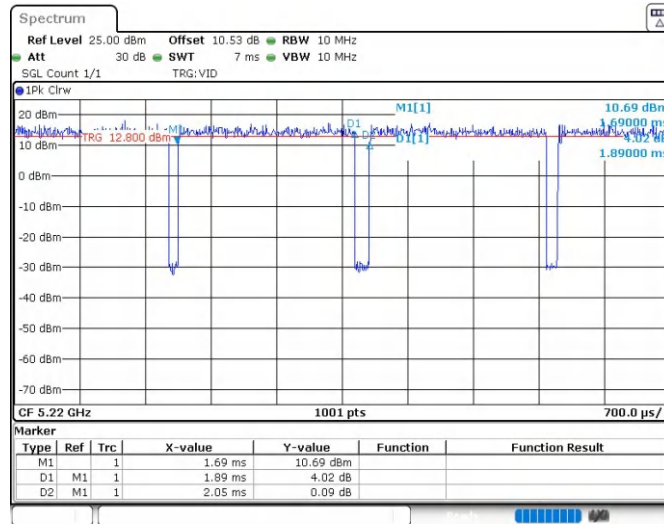
# 11A\_Ant1\_5825



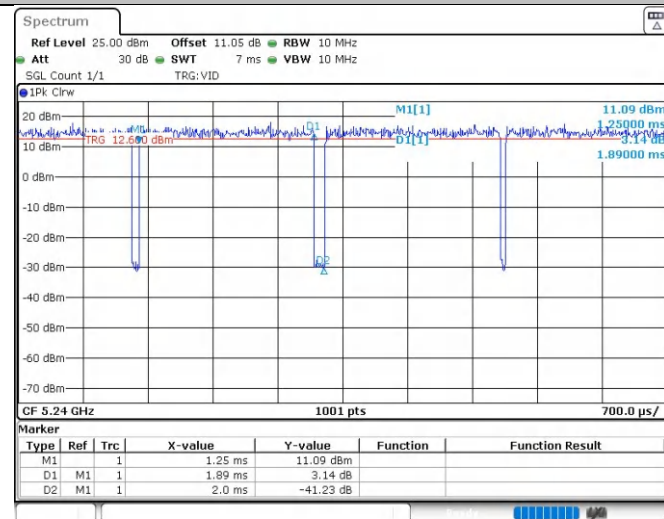
# 11N20SISO\_Ant1\_5180



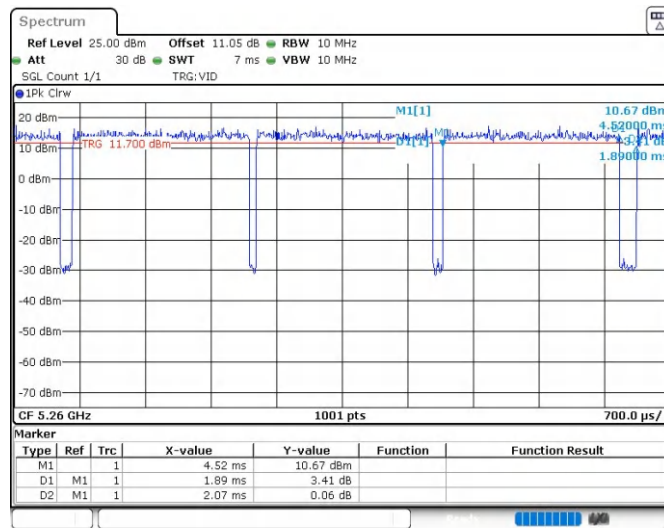
# 11N20SISO\_Ant1\_5220



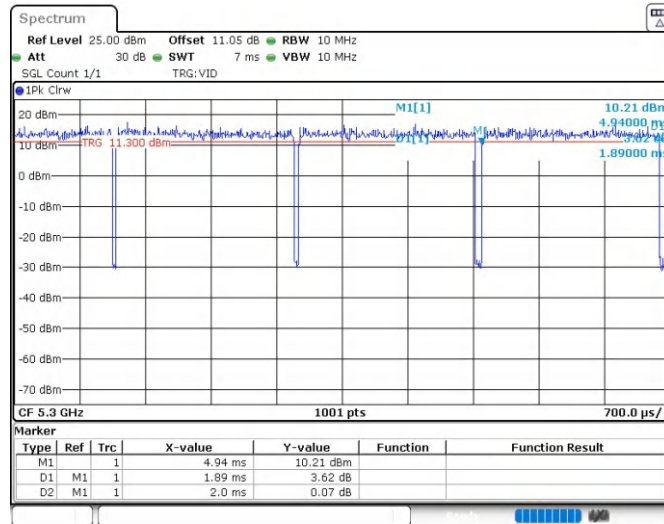
# 11N20SISO\_Ant1\_5240



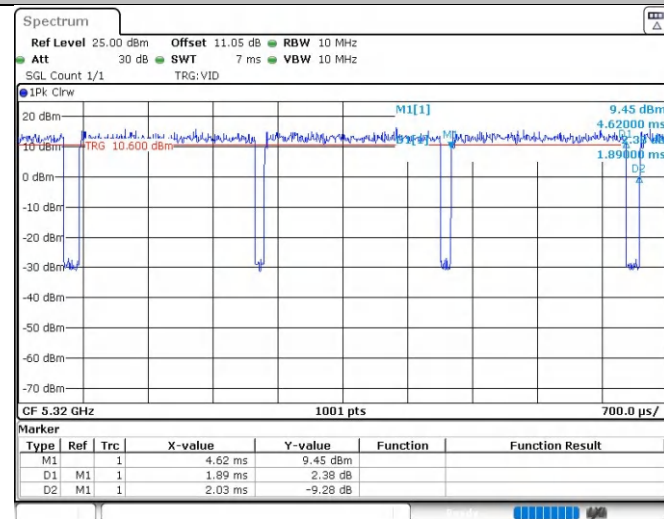
# 11N20SISO\_Ant1\_5260



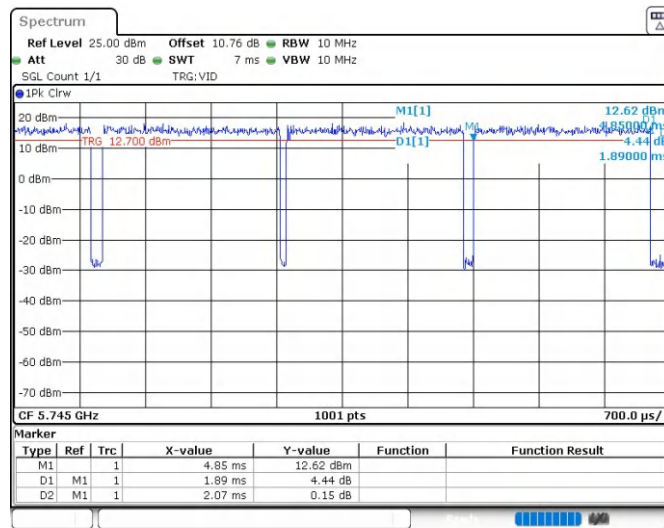
# 11N20SISO\_Ant1\_5300



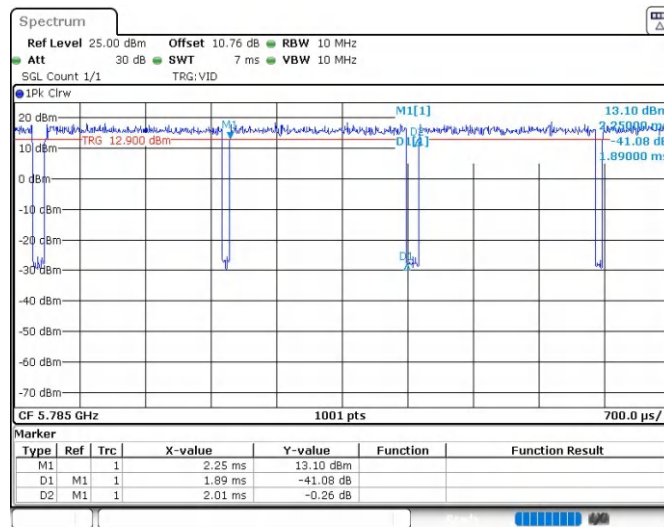
# 11N20SISO\_Ant1\_5320



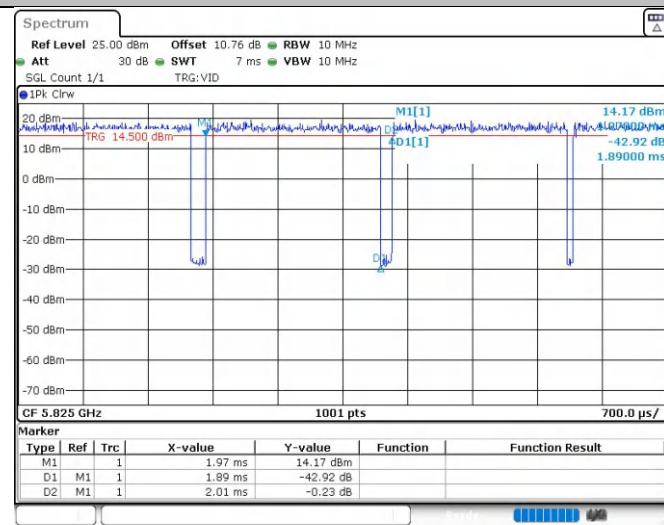
# 11N20SISO\_Ant1\_5745



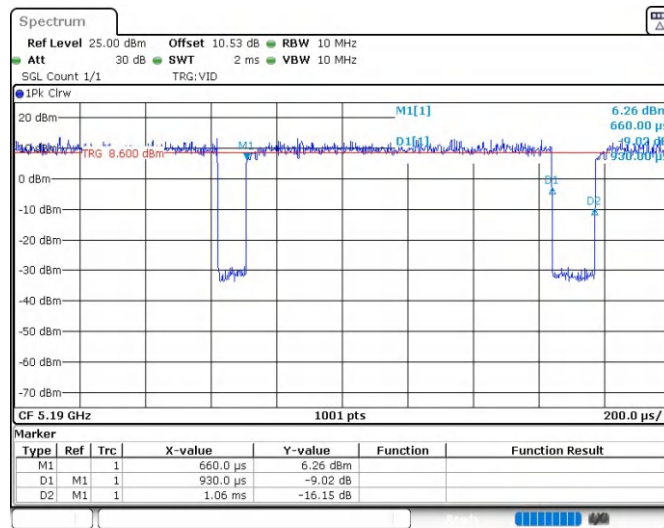
# 11N20SISO\_Ant1\_5785



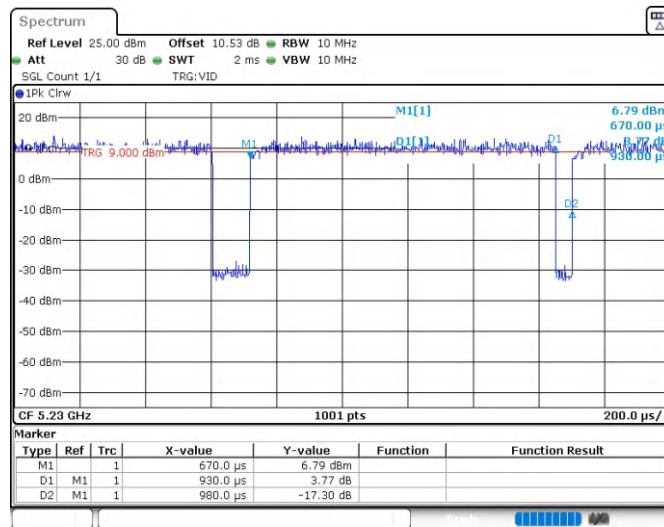
# 11N20SISO\_Ant1\_5825



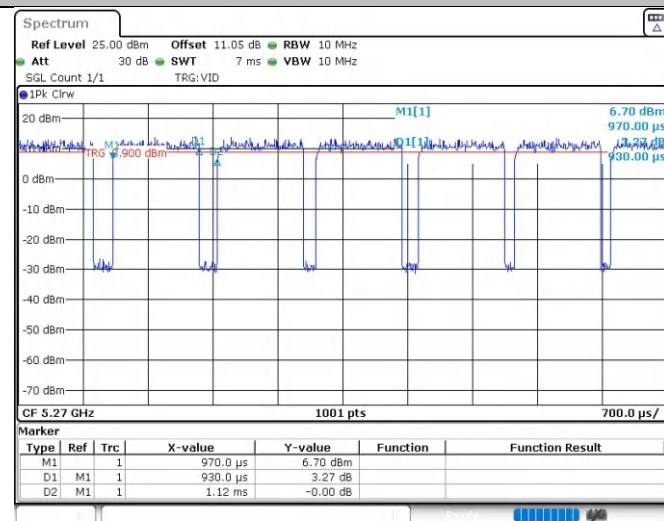
# 11N40SISO\_Ant1\_5190



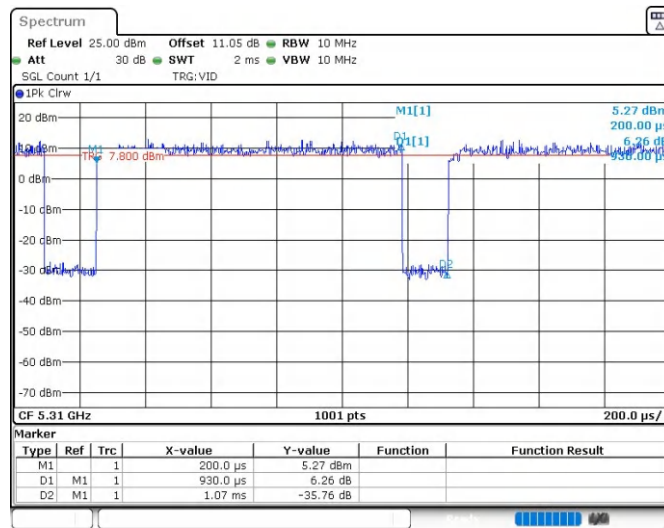
# 11N40SISO\_Ant1\_5230



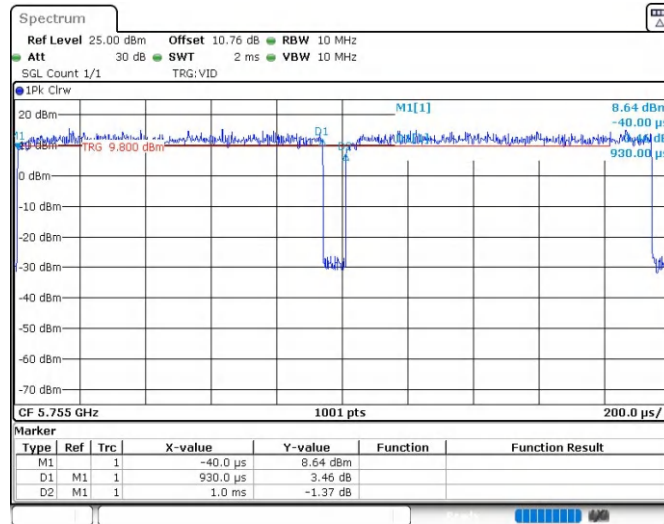
# 11N40SISO\_Ant1\_5270



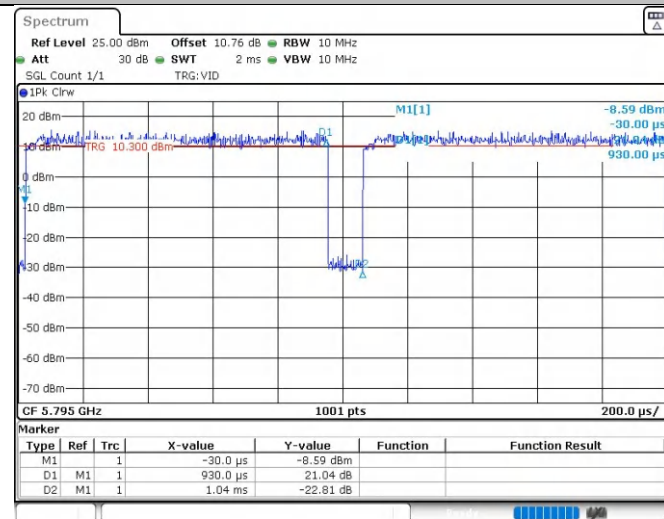
# 11N40SISO\_Ant1\_5310



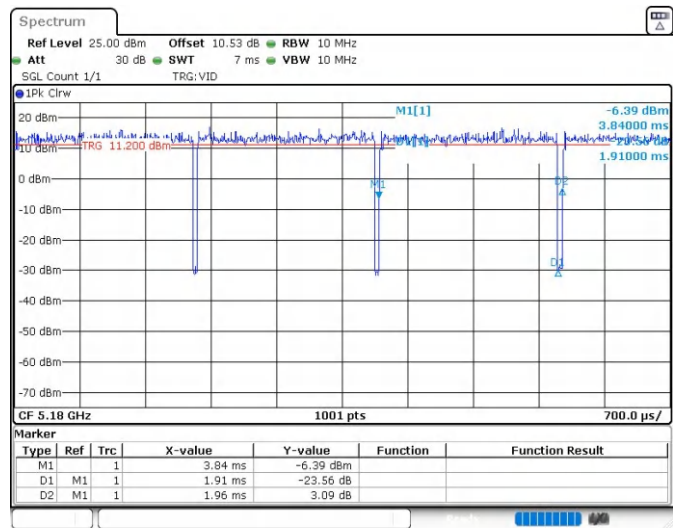
# 11N40SISO\_Ant1\_5755



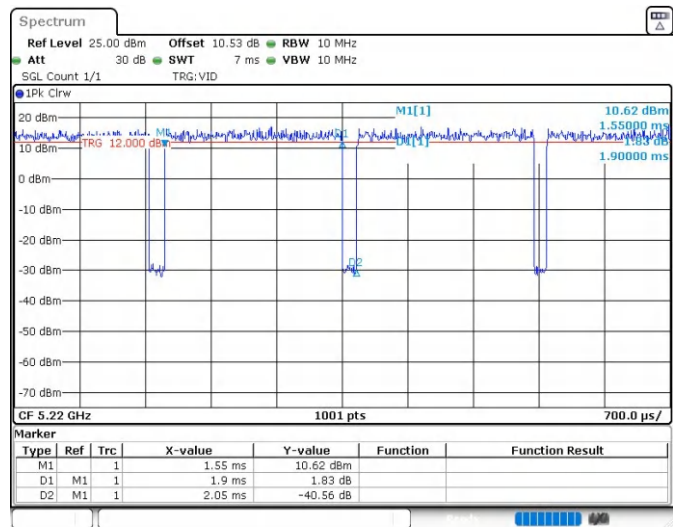
# 11N40SISO\_Ant1\_5795



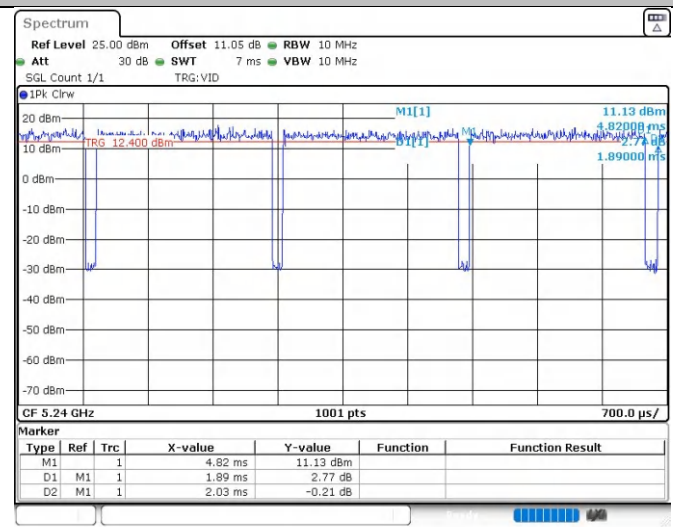
11AC20SISO\_Ant1\_5180



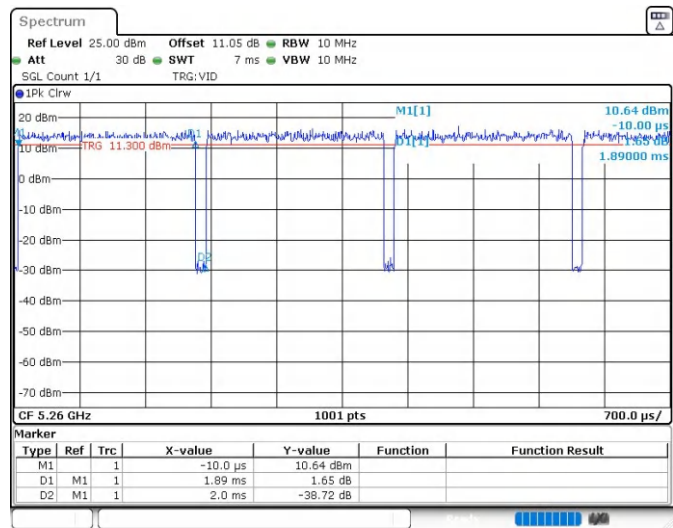
11AC20SISO\_Ant1\_5220



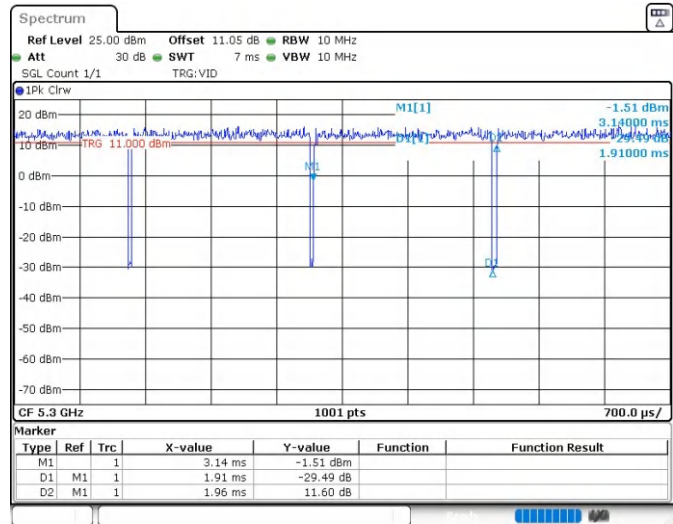
11AC20SISO\_Ant1\_5240



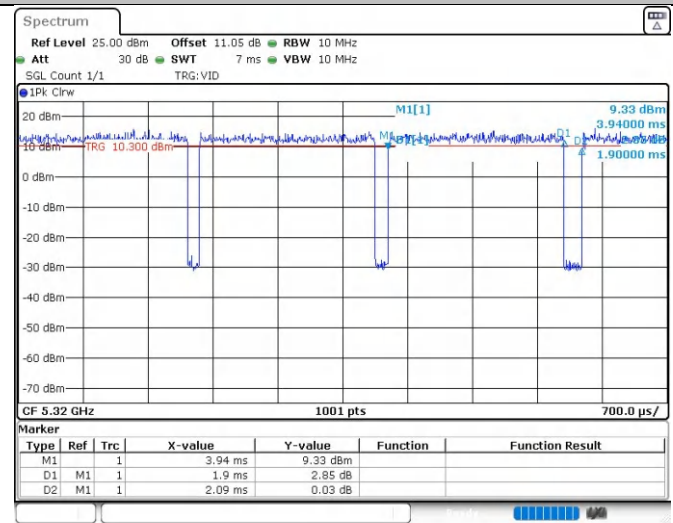
11AC20SISO\_Ant1\_5260



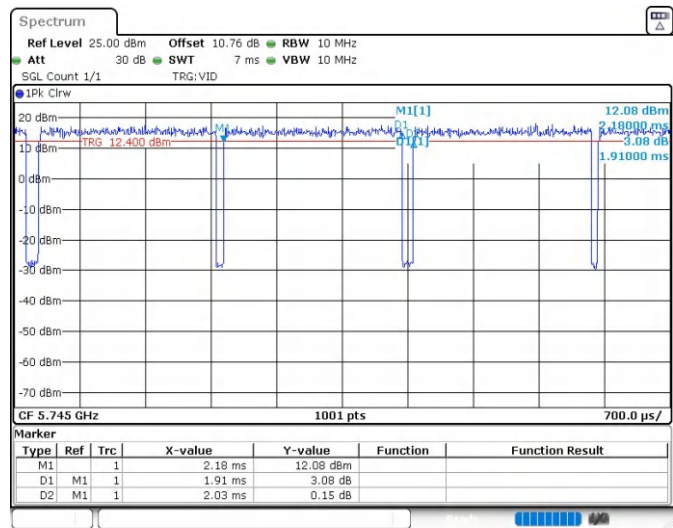
11AC20SISO\_Ant1\_5300



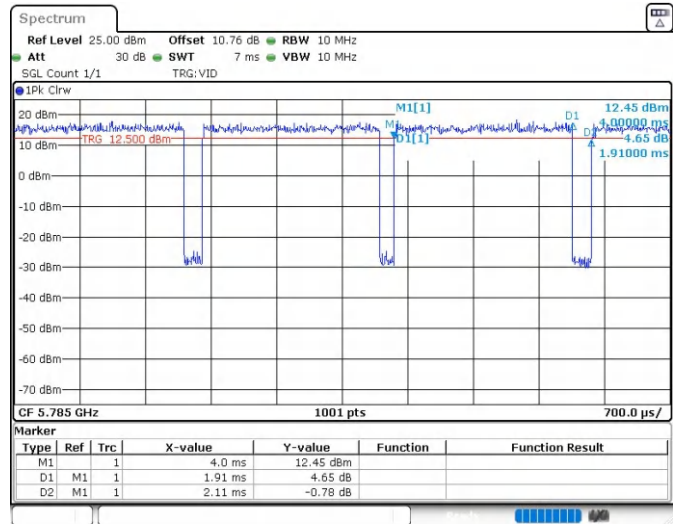
11AC20SISO\_Ant1\_5320



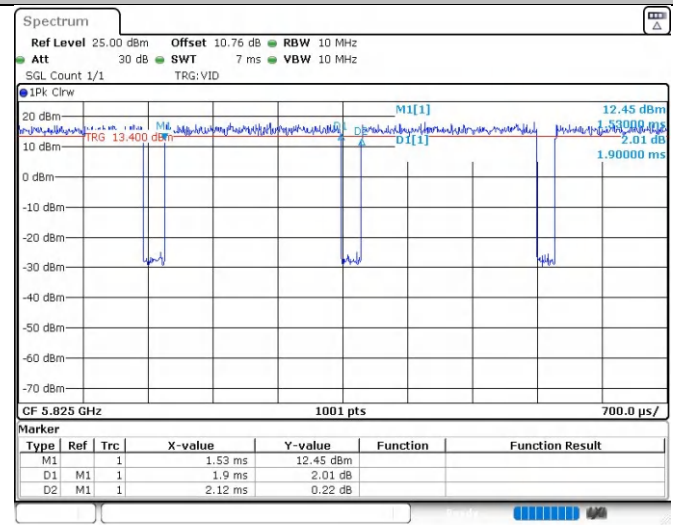
11AC20SISO\_Ant1\_5745



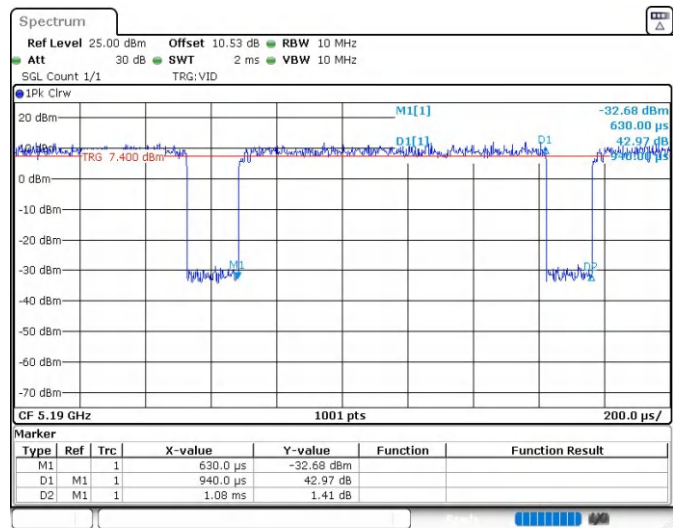
11AC20SISO\_Ant1\_5785



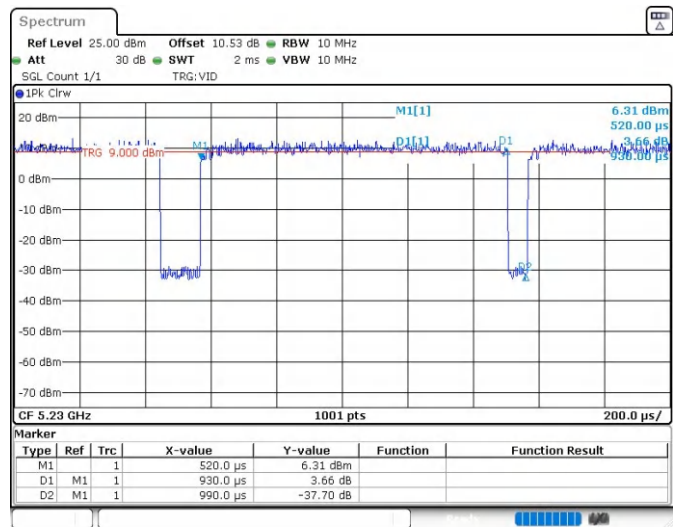
11AC20SISO\_Ant1\_5825



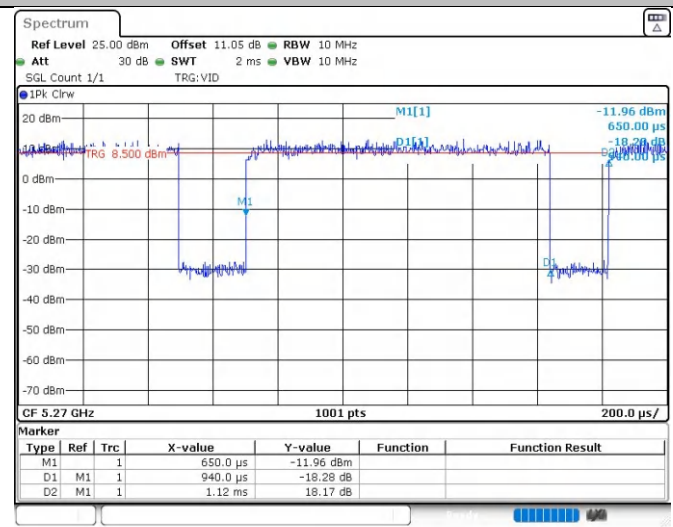
11AC40SISO\_Ant1\_5190



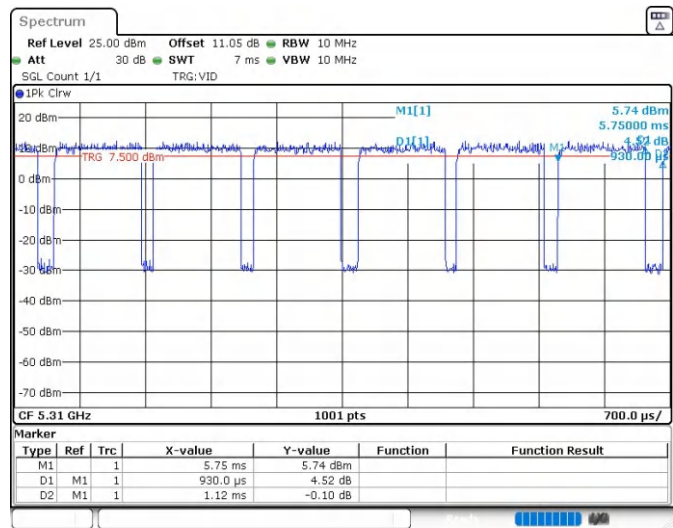
11AC40SISO\_Ant1\_5230



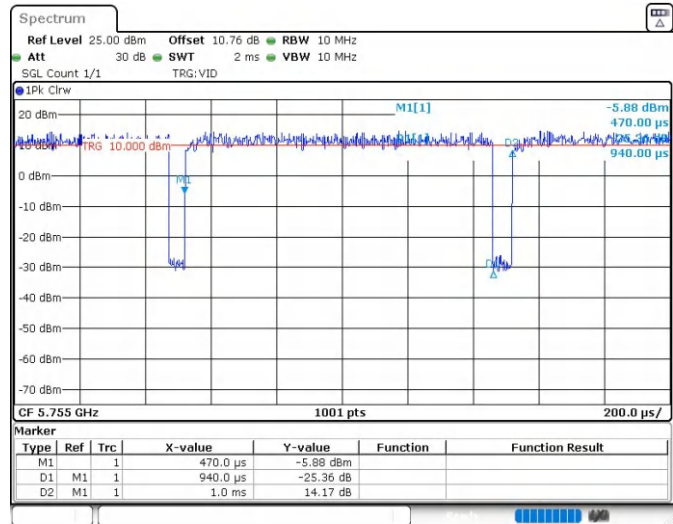
11AC40SISO\_Ant1\_5270



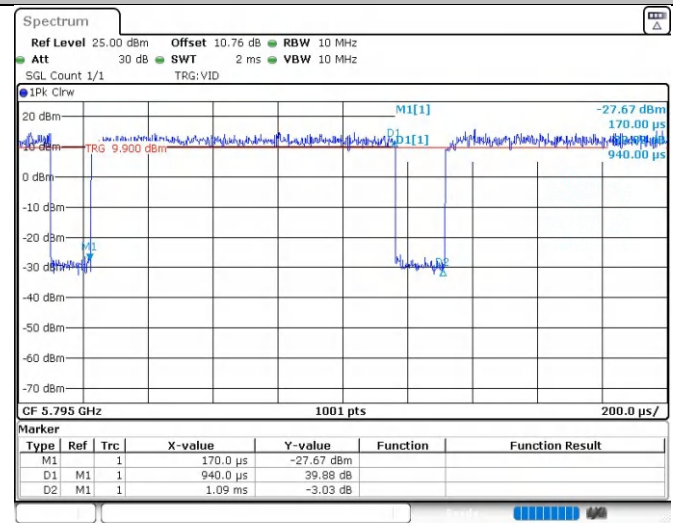
11AC40SISO\_Ant1\_5310



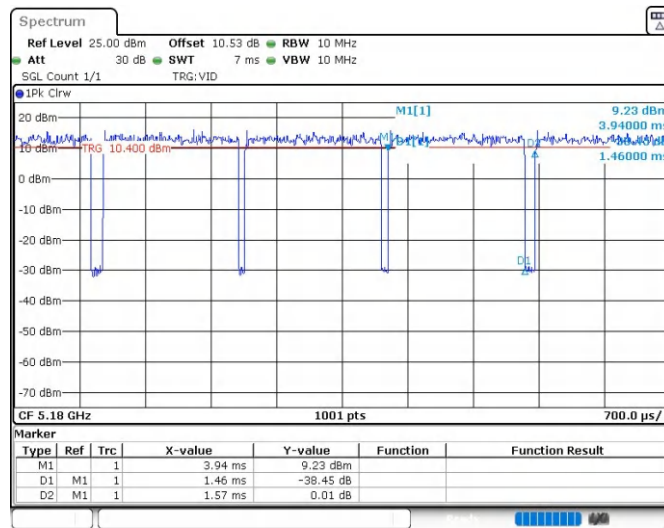
11AC40SISO\_Ant1\_5755



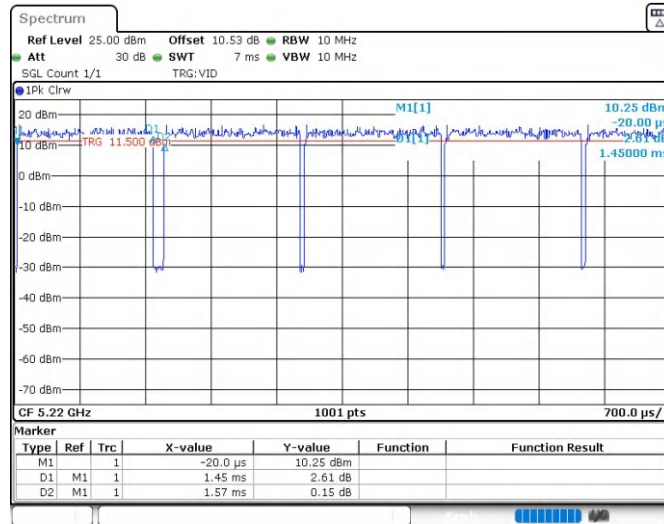
11AC40SISO\_Ant1\_5795



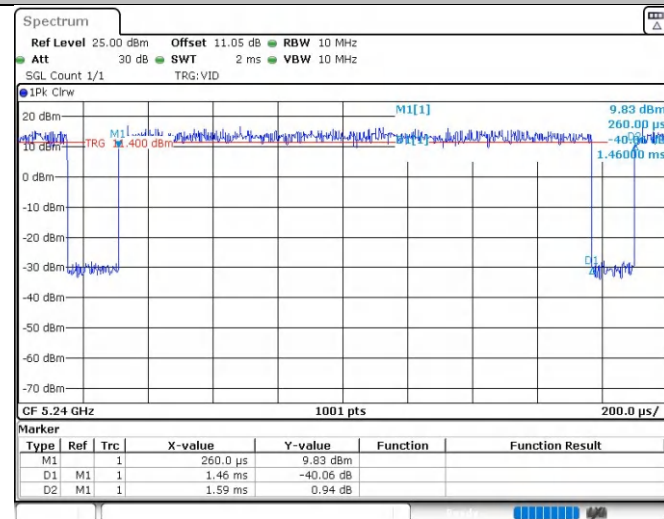
# 11AX20SISO\_Ant1\_5180



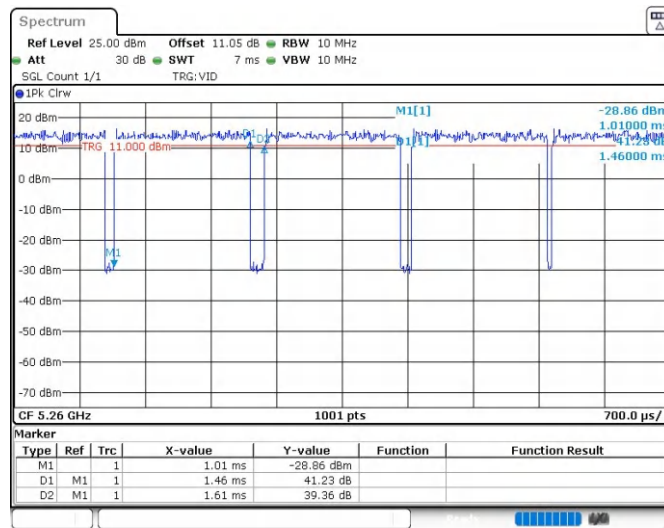
# 11AX20SISO\_Ant1\_5220



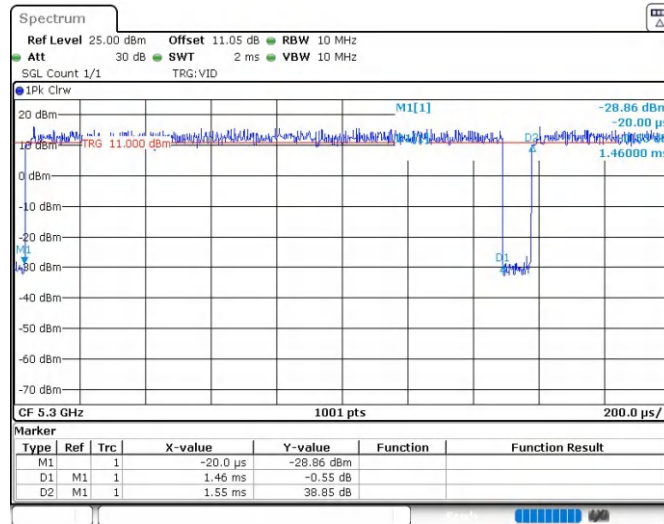
# 11AX20SISO\_Ant1\_5240



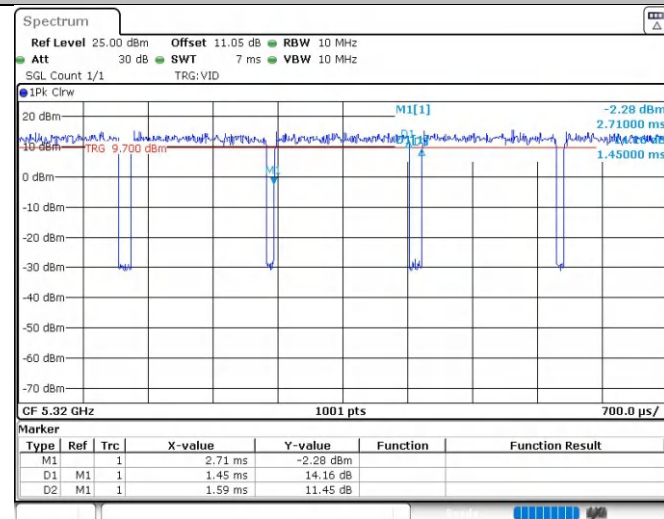
# 11AX20SISO\_Ant1\_5260



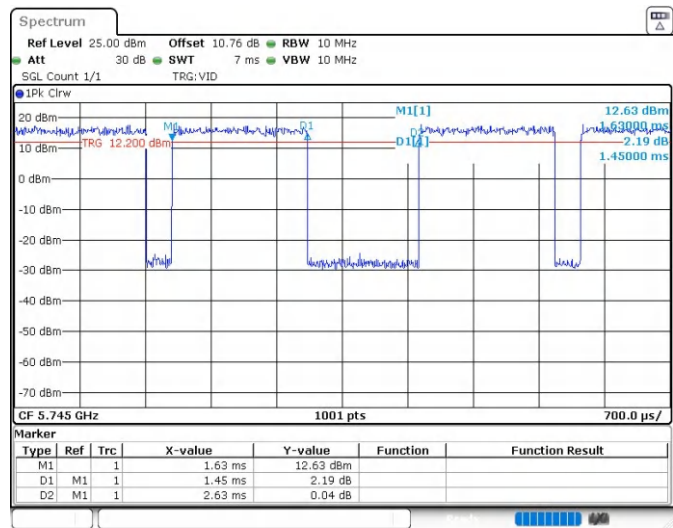
# 11AX20SISO\_Ant1\_5300



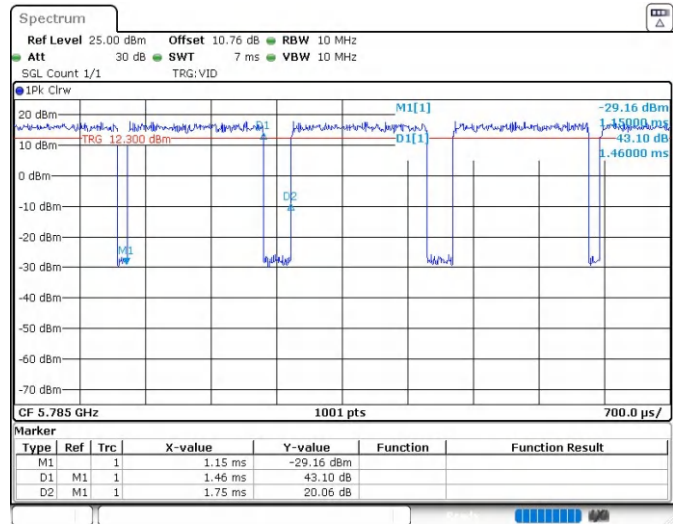
# 11AX20SISO\_Ant1\_5320



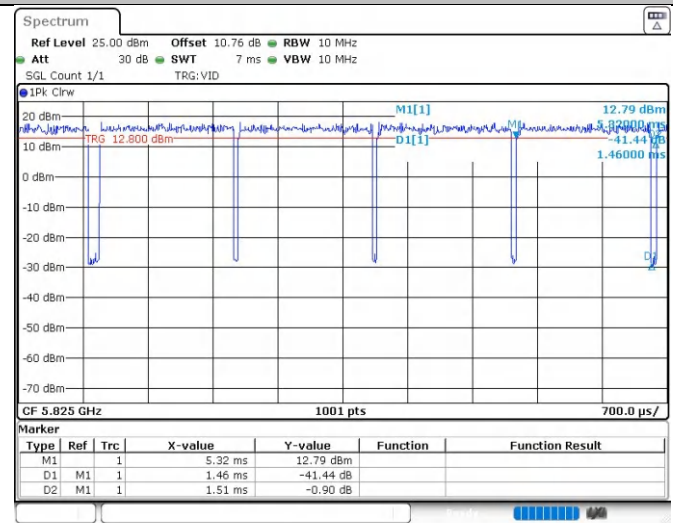
11AX20SISO\_Ant1\_5745



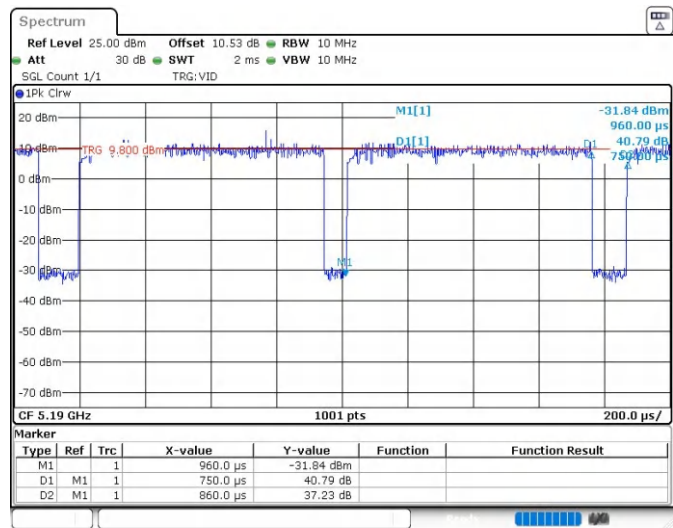
11AX20SISO\_Ant1\_5785



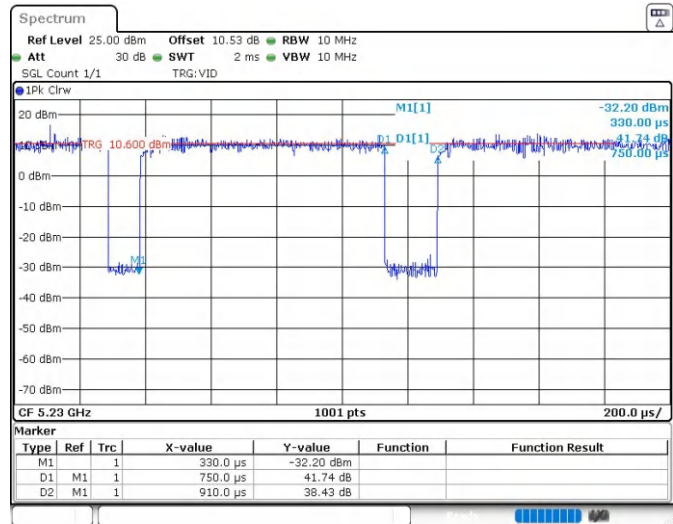
11AX20SISO\_Ant1\_5825



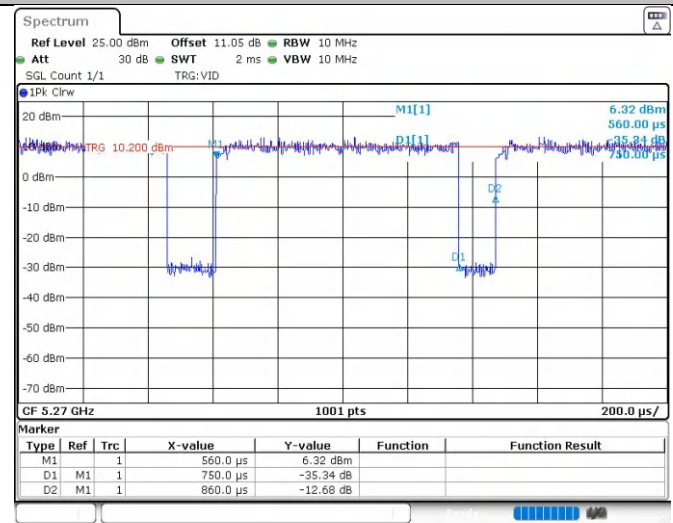
11AX40SISO\_Ant1\_5190



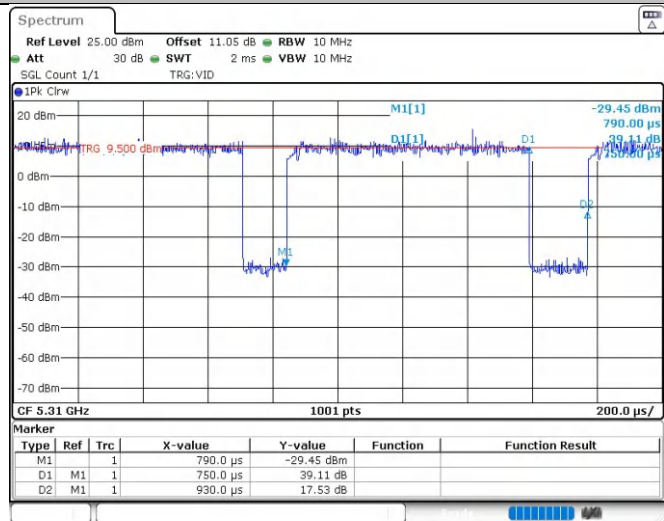
11AX40SISO\_Ant1\_5230



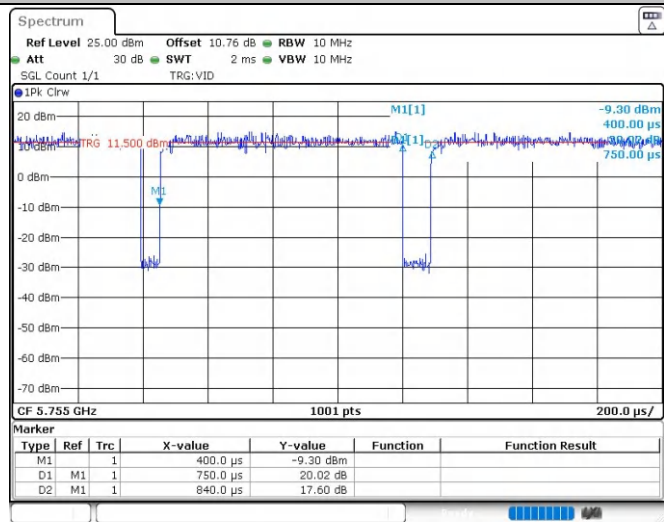
11AX40SISO\_Ant1\_5270



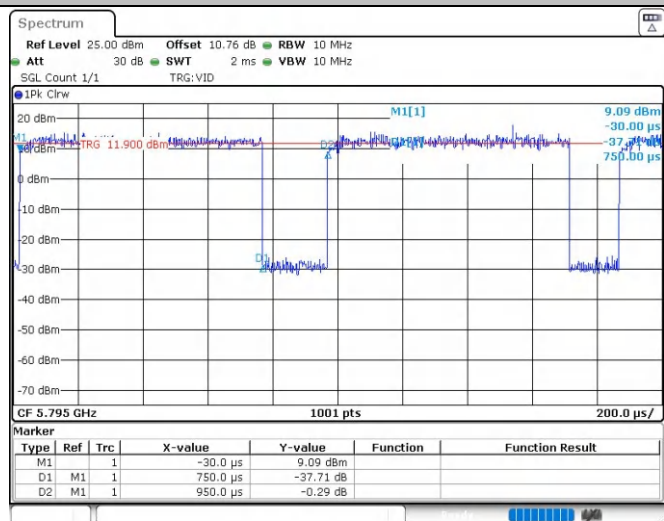
11AX40SISO\_Ant1\_5310



11AX40SISO\_Ant1\_5755



11AX40SISO\_Ant1\_5795



## Appendix C: Maximum conducted output power

### Test Result Channel Power

| Test Mode   | Channel | Conducted power Result [dBm] | Limit for FCC [dBm] | Limit for IC [dBm] | Gain [dBi] | EIRP [dBm] | EIRP Limit for FCC [dBm] | EIRP Limit for IC [dBm] | Verdict |
|-------------|---------|------------------------------|---------------------|--------------------|------------|------------|--------------------------|-------------------------|---------|
| 11A         | 5180    | 9.31                         | ≤23.98              | ---                | 1.72       | 11.03      | ---                      | ≤22.69                  | PASS    |
|             | 5220    | 10.41                        | ≤23.98              | ---                | 1.72       | 12.13      | ---                      | ≤22.72                  | PASS    |
|             | 5240    | 10.74                        | ≤23.98              | ---                | 1.72       | 12.46      | ---                      | ≤22.70                  | PASS    |
|             | 5260    | 10.28                        | ≤23.98              | ≤23.72             | 1.65       | 11.93      | ≤26.99                   | ≤29.72                  | PASS    |
|             | 5300    | 9.95                         | ≤23.98              | ≤23.69             | 1.65       | 11.60      | ≤26.99                   | ≤29.69                  | PASS    |
|             | 5320    | 9.20                         | ≤23.98              | ≤23.68             | 1.65       | 10.85      | ≤26.99                   | ≤29.68                  | PASS    |
|             | 5745    | 12.17                        | ≤30.00              | ≤30.00             | 1.87       | 14.04      | ---                      | ---                     | PASS    |
|             | 5785    | 12.38                        | ≤30.00              | ≤30.00             | 1.87       | 14.25      | ---                      | ---                     | PASS    |
|             | 5825    | 12.53                        | ≤30.00              | ≤30.00             | 1.87       | 14.40      | ---                      | ---                     | PASS    |
| 11N20SI SO  | 5180    | 9.14                         | ≤23.98              | ---                | 1.72       | 10.86      | ---                      | ≤22.94                  | PASS    |
|             | 5220    | 10.17                        | ≤23.98              | ---                | 1.72       | 11.89      | ---                      | ≤22.92                  | PASS    |
|             | 5240    | 10.44                        | ≤23.98              | ---                | 1.72       | 12.16      | ---                      | ≤22.93                  | PASS    |
|             | 5260    | 10.13                        | ≤23.98              | ≤23.95             | 1.65       | 11.78      | ≤26.99                   | ≤29.95                  | PASS    |
|             | 5300    | 9.58                         | ≤23.98              | ≤23.92             | 1.65       | 11.23      | ≤26.99                   | ≤29.92                  | PASS    |
|             | 5320    | 8.78                         | ≤23.98              | ≤23.95             | 1.65       | 10.43      | ≤26.99                   | ≤29.95                  | PASS    |
|             | 5745    | 12.00                        | ≤30.00              | ≤30.00             | 1.87       | 13.87      | ---                      | ---                     | PASS    |
|             | 5785    | 12.01                        | ≤30.00              | ≤30.00             | 1.87       | 13.88      | ---                      | ---                     | PASS    |
|             | 5825    | 13.04                        | ≤30.00              | ≤30.00             | 1.87       | 14.91      | ---                      | ---                     | PASS    |
| 11N40SI SO  | 5190    | 9.40                         | ≤23.98              | ---                | 1.72       | 11.12      | ---                      | ≤23.01                  | PASS    |
|             | 5230    | 9.52                         | ≤23.98              | ---                | 1.72       | 11.24      | ---                      | ≤23.01                  | PASS    |
|             | 5270    | 10.02                        | ≤23.98              | ≤23.98             | 1.65       | 11.67      | ≤26.99                   | ≤30.00                  | PASS    |
|             | 5310    | 9.08                         | ≤23.98              | ≤23.98             | 1.65       | 10.73      | ≤26.99                   | ≤30.00                  | PASS    |
|             | 5755    | 11.47                        | ≤30.00              | ≤30.00             | 1.87       | 13.34      | ---                      | ---                     | PASS    |
|             | 5795    | 11.91                        | ≤30.00              | ≤30.00             | 1.87       | 13.78      | ---                      | ---                     | PASS    |
| 11AC20 SISO | 5180    | 8.82                         | ≤23.98              | ---                | 1.72       | 10.54      | ---                      | ≤22.94                  | PASS    |
|             | 5220    | 9.97                         | ≤23.98              | ---                | 1.72       | 11.69      | ---                      | ≤22.93                  | PASS    |
|             | 5240    | 10.28                        | ≤23.98              | ---                | 1.72       | 12.00      | ---                      | ≤22.94                  | PASS    |
|             | 5260    | 9.79                         | ≤23.98              | ≤23.95             | 1.65       | 11.44      | ≤26.99                   | ≤29.95                  | PASS    |
|             | 5300    | 9.30                         | ≤23.98              | ≤23.94             | 1.65       | 10.95      | ≤26.99                   | ≤29.94                  | PASS    |
|             | 5320    | 8.69                         | ≤23.98              | ≤23.94             | 1.65       | 10.34      | ≤26.99                   | ≤29.94                  | PASS    |
|             | 5745    | 11.37                        | ≤30.00              | ≤30.00             | 1.87       | 13.24      | ---                      | ---                     | PASS    |
|             | 5785    | 11.69                        | ≤30.00              | ≤30.00             | 1.87       | 13.56      | ---                      | ---                     | PASS    |
|             | 5825    | 11.91                        | ≤30.00              | ≤30.00             | 1.87       | 13.78      | ---                      | ---                     | PASS    |
| 11AC40 SISO | 5190    | 8.71                         | ≤23.98              | ---                | 1.72       | 10.43      | ---                      | ≤23.01                  | PASS    |
|             | 5230    | 9.19                         | ≤23.98              | ---                | 1.72       | 10.91      | ---                      | ≤23.01                  | PASS    |

|                |      |       |        |        |      |       |        |        |      |
|----------------|------|-------|--------|--------|------|-------|--------|--------|------|
|                | 5270 | 9.50  | ≤23.98 | ≤23.98 | 1.65 | 11.15 | ≤26.99 | ≤30.00 | PASS |
|                | 5310 | 8.93  | ≤23.98 | ≤23.98 | 1.65 | 10.58 | ≤26.99 | ≤30.00 | PASS |
|                | 5755 | 11.01 | ≤30.00 | ≤30.00 | 1.87 | 12.88 | ---    | ---    | PASS |
|                | 5795 | 11.73 | ≤30.00 | ≤30.00 | 1.87 | 13.60 | ---    | ---    | PASS |
| 11AX20<br>SISO | 5180 | 8.60  | ≤23.98 | ---    | 1.72 | 10.32 | ---    | ≤23.01 | PASS |
|                | 5220 | 9.73  | ≤23.98 | ---    | 1.72 | 11.45 | ---    | ≤23.00 | PASS |
|                | 5240 | 10.52 | ≤23.98 | ---    | 1.72 | 12.24 | ---    | ≤23.00 | PASS |
|                | 5260 | 9.93  | ≤23.98 | ≤23.98 | 1.65 | 11.58 | ≤26.99 | ≤29.98 | PASS |
|                | 5300 | 9.28  | ≤23.98 | ≤23.97 | 1.65 | 10.93 | ≤26.99 | ≤29.97 | PASS |
|                | 5320 | 8.49  | ≤23.98 | ≤23.97 | 1.65 | 10.14 | ≤26.99 | ≤29.97 | PASS |
|                | 5745 | 13.90 | ≤30.00 | ≤30.00 | 1.87 | 15.77 | ---    | ---    | PASS |
|                | 5785 | 12.34 | ≤30.00 | ≤30.00 | 1.87 | 14.21 | ---    | ---    | PASS |
|                | 5825 | 11.89 | ≤30.00 | ≤30.00 | 1.87 | 13.76 | ---    | ---    | PASS |
| 11AX40<br>SISO | 5190 | 8.96  | ≤23.98 | ---    | 1.72 | 10.68 | ---    | ≤23.01 | PASS |
|                | 5230 | 10.02 | ≤23.98 | ---    | 1.72 | 11.74 | ---    | ≤23.01 | PASS |
|                | 5270 | 9.60  | ≤23.98 | ≤23.98 | 1.65 | 11.25 | ≤26.99 | ≤30.00 | PASS |
|                | 5310 | 9.35  | ≤23.98 | ≤23.98 | 1.65 | 11.00 | ≤26.99 | ≤30.00 | PASS |
|                | 5755 | 11.67 | ≤30.00 | ≤30.00 | 1.87 | 13.54 | ---    | ---    | PASS |
|                | 5795 | 11.78 | ≤30.00 | ≤30.00 | 1.87 | 13.65 | ---    | ---    | PASS |

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