

# Appendix E: Maximum conducted output power

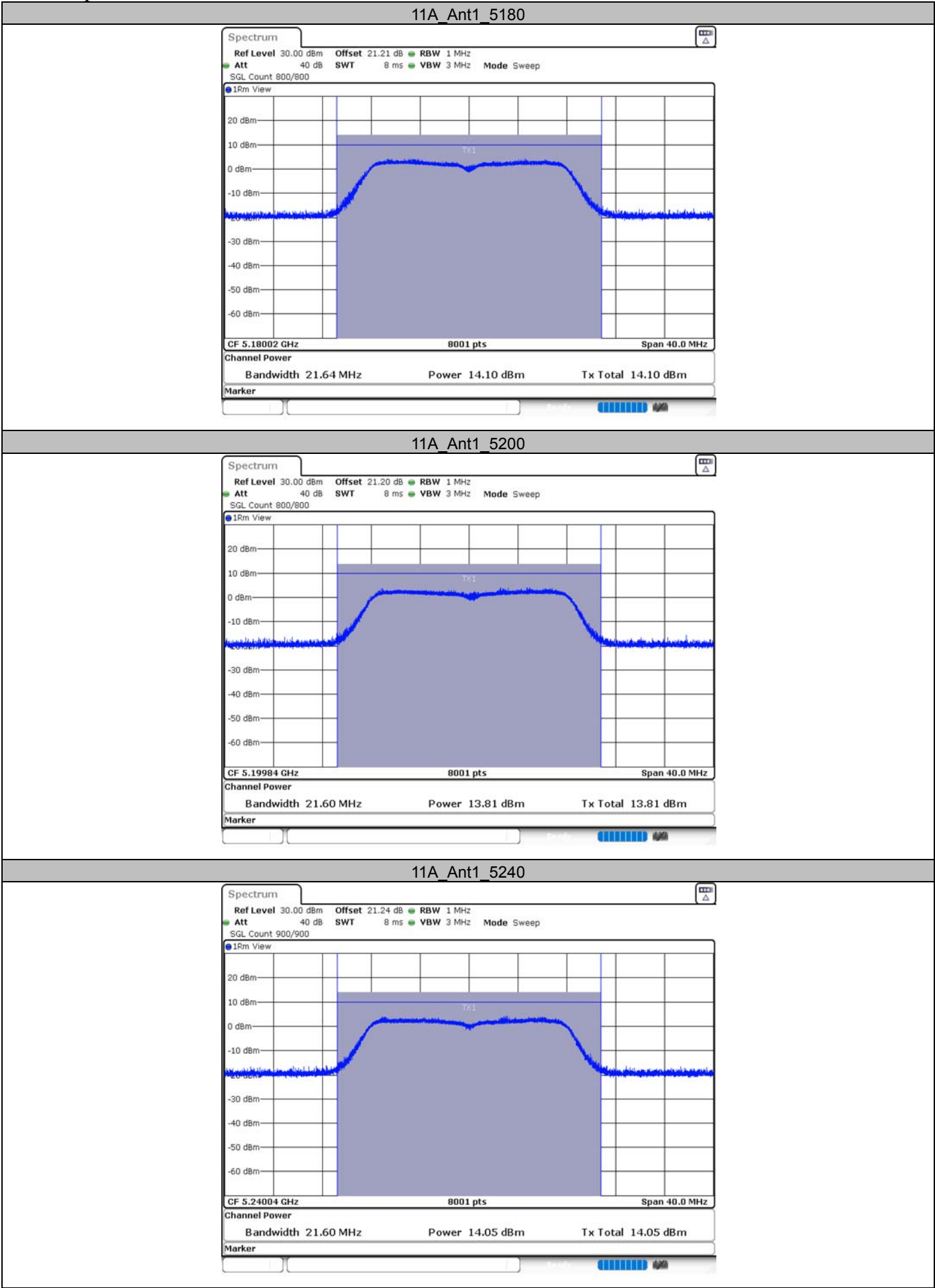
## Test Result Channel Power

| Test Mode   | Antenna | Frequency [MHz] | Set Power | Channel Power [dBm] | Duty Cycle [%] | DC Factor [dBm] | Result [dBm] | Limit [dBm] | Gain [dBi] | Verdict |
|-------------|---------|-----------------|-----------|---------------------|----------------|-----------------|--------------|-------------|------------|---------|
| 11A         | Ant1    | 5180            | ---       | 13.82               | 93.67          | 0.28            | 14.10        | ≤23.98      | 2.30       | PASS    |
|             |         | 5200            | ---       | 13.49               | 92.83          | 0.32            | 13.81        | ≤23.98      | 2.30       | PASS    |
|             |         | 5240            | ---       | 13.89               | 96.28          | 0.16            | 14.05        | ≤23.98      | 2.30       | PASS    |
|             |         | 5260            | ---       | 13.42               | 92.41          | 0.34            | 13.76        | ≤23.98      | 2.30       | PASS    |
|             |         | 5300            | ---       | 14.18               | 95.39          | 0.20            | 14.38        | ≤23.98      | 2.30       | PASS    |
|             |         | 5320            | ---       | 14.51               | 96.73          | 0.14            | 14.65        | ≤23.98      | 2.30       | PASS    |
|             |         | 5500            | ---       | 17.23               | 94.93          | 0.23            | 17.46        | ≤23.98      | 2.30       | PASS    |
|             |         | 5580            | ---       | 18.13               | 97.64          | 0.10            | 18.23        | ≤23.98      | 2.30       | PASS    |
|             |         | 5700            | ---       | 17.40               | 94.95          | 0.23            | 17.63        | ≤23.98      | 2.30       | PASS    |
|             |         | 5745            | ---       | 16.54               | 95.83          | 0.18            | 16.72        | ≤30.00      | 2.30       | PASS    |
|             |         | 5785            | ---       | 15.46               | 97.18          | 0.12            | 15.58        | ≤30.00      | 2.30       | PASS    |
|             |         | 5825            | ---       | 14.50               | 98.10          | 0.08            | 14.58        | ≤30.00      | 2.30       | PASS    |
| 11N20 SISO  | Ant1    | 5180            | ---       | 13.99               | 97.18          | 0.12            | 14.11        | ≤23.98      | 2.30       | PASS    |
|             |         | 5200            | ---       | 13.71               | 97.64          | 0.10            | 13.81        | ≤23.98      | 2.30       | PASS    |
|             |         | 5240            | ---       | 13.71               | 92.41          | 0.34            | 14.05        | ≤23.98      | 2.30       | PASS    |
|             |         | 5260            | ---       | 13.72               | 97.18          | 0.12            | 13.84        | ≤23.98      | 2.30       | PASS    |
|             |         | 5300            | ---       | 13.19               | 94.06          | 0.27            | 13.46        | ≤23.98      | 2.30       | PASS    |
|             |         | 5320            | ---       | 13.25               | 94.09          | 0.26            | 13.51        | ≤23.98      | 2.30       | PASS    |
|             |         | 5500            | ---       | 16.12               | 96.28          | 0.16            | 16.28        | ≤23.98      | 2.30       | PASS    |
|             |         | 5580            | ---       | 17.09               | 92.83          | 0.32            | 17.41        | ≤23.98      | 2.30       | PASS    |
|             |         | 5700            | ---       | 16.49               | 92.83          | 0.32            | 16.81        | ≤23.98      | 2.30       | PASS    |
|             |         | 5745            | ---       | 15.62               | 94.95          | 0.23            | 15.85        | ≤30.00      | 2.30       | PASS    |
|             |         | 5785            | ---       | 15.40               | 94.52          | 0.24            | 15.64        | ≤30.00      | 2.30       | PASS    |
|             |         | 5825            | ---       | 14.54               | 95.39          | 0.20            | 14.74        | ≤30.00      | 2.30       | PASS    |
| 11N40 SISO  | Ant1    | 5190            | ---       | 13.06               | 92.23          | 0.35            | 13.41        | ≤23.98      | 2.30       | PASS    |
|             |         | 5230            | ---       | 13.11               | 89.52          | 0.48            | 13.59        | ≤23.98      | 2.30       | PASS    |
|             |         | 5270            | ---       | 12.57               | 84.82          | 0.72            | 13.29        | ≤23.98      | 2.30       | PASS    |
|             |         | 5310            | ---       | 13.13               | 83.93          | 0.76            | 13.89        | ≤23.98      | 2.30       | PASS    |
|             |         | 5510            | ---       | 16.05               | 84.68          | 0.72            | 16.77        | ≤23.98      | 2.30       | PASS    |
|             |         | 5590            | ---       | 17.05               | 91.35          | 0.39            | 17.44        | ≤23.98      | 2.30       | PASS    |
|             |         | 5670            | ---       | 18.56               | 85.59          | 0.68            | 19.24        | ≤23.98      | 2.30       | PASS    |
|             |         | 5755            | ---       | 15.54               | 84.82          | 0.72            | 16.26        | ≤30.00      | 2.30       | PASS    |
|             |         | 5795            | ---       | 15.07               | 89.52          | 0.48            | 15.55        | ≤30.00      | 2.30       | PASS    |
| 11AC2 OSISO | Ant1    | 5180            | ---       | 13.70               | 91.47          | 0.39            | 14.09        | ≤23.98      | 2.30       | PASS    |
|             |         | 5200            | ---       | 13.33               | 91.90          | 0.37            | 13.70        | ≤23.98      | 2.30       | PASS    |
|             |         | 5240            | ---       | 13.18               | 96.52          | 0.15            | 13.33        | ≤23.98      | 2.30       | PASS    |

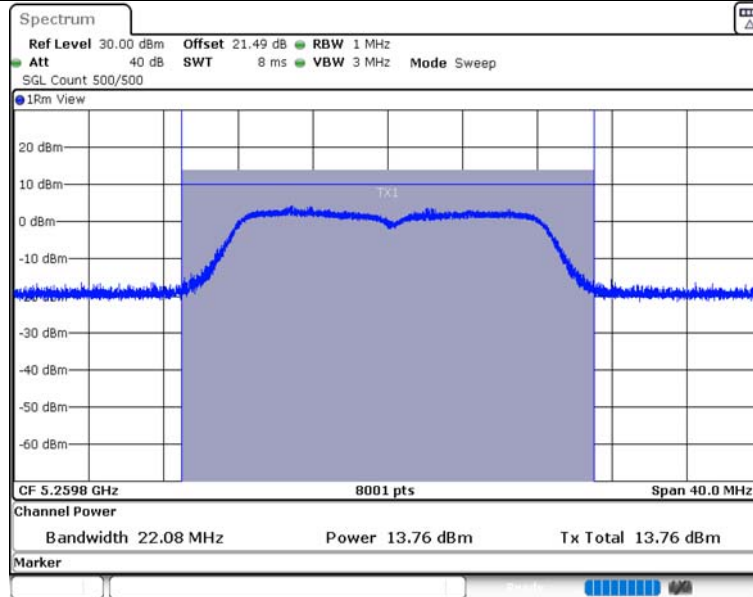
|                |      |      |     |       |       |      |       |        |      |      |
|----------------|------|------|-----|-------|-------|------|-------|--------|------|------|
|                |      | 5260 | --- | 13.07 | 94.63 | 0.24 | 13.31 | ≤23.98 | 2.30 | PASS |
|                |      | 5300 | --- | 13.24 | 91.94 | 0.36 | 13.60 | ≤23.98 | 2.30 | PASS |
|                |      | 5320 | --- | 13.19 | 92.82 | 0.32 | 13.51 | ≤23.98 | 2.30 | PASS |
|                |      | 5500 | --- | 16.14 | 94.17 | 0.26 | 16.40 | ≤23.98 | 2.30 | PASS |
|                |      | 5580 | --- | 17.46 | 96.04 | 0.18 | 17.64 | ≤23.98 | 2.30 | PASS |
|                |      | 5700 | --- | 16.42 | 92.79 | 0.32 | 16.74 | ≤23.98 | 2.30 | PASS |
|                |      | 5745 | --- | 15.65 | 96.50 | 0.15 | 15.80 | ≤30.00 | 2.30 | PASS |
|                |      | 5785 | --- | 14.44 | 95.10 | 0.22 | 14.66 | ≤30.00 | 2.30 | PASS |
|                |      | 5825 | --- | 13.33 | 94.17 | 0.26 | 13.59 | ≤30.00 | 2.30 | PASS |
| 11AC4<br>0SISO | Ant1 | 5190 | --- | 14.04 | 86.36 | 0.64 | 14.68 | ≤23.98 | 2.30 | PASS |
|                |      | 5230 | --- | 13.78 | 85.71 | 0.67 | 14.45 | ≤23.98 | 2.30 | PASS |
|                |      | 5270 | --- | 12.73 | 88.07 | 0.55 | 13.28 | ≤23.98 | 2.30 | PASS |
|                |      | 5310 | --- | 13.16 | 84.82 | 0.72 | 13.88 | ≤23.98 | 2.30 | PASS |
|                |      | 5510 | --- | 16.09 | 90.57 | 0.43 | 16.52 | ≤23.98 | 2.30 | PASS |
|                |      | 5590 | --- | 16.99 | 88.79 | 0.52 | 17.51 | ≤23.98 | 2.30 | PASS |
|                |      | 5670 | --- | 19.75 | 86.49 | 0.63 | 20.38 | ≤23.98 | 2.30 | PASS |
|                |      | 5755 | --- | 15.44 | 84.82 | 0.72 | 16.16 | ≤30.00 | 2.30 | PASS |
|                |      | 5795 | --- | 14.01 | 85.59 | 0.68 | 14.69 | ≤30.00 | 2.30 | PASS |
| 11AC8<br>0SISO | Ant1 | 5210 | --- | 13.98 | 73.02 | 1.37 | 15.35 | ≤23.98 | 2.30 | PASS |
|                |      | 5290 | --- | 13.33 | 75.41 | 1.23 | 14.56 | ≤23.98 | 2.30 | PASS |
|                |      | 5530 | --- | 17.19 | 73.02 | 1.37 | 18.56 | ≤23.98 | 2.30 | PASS |
|                |      | 5610 | --- | 18.17 | 73.02 | 1.37 | 19.54 | ≤23.98 | 2.30 | PASS |
|                |      | 5775 | --- | 15.03 | 71.88 | 1.43 | 16.46 | ≤30.00 | 2.30 | PASS |

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

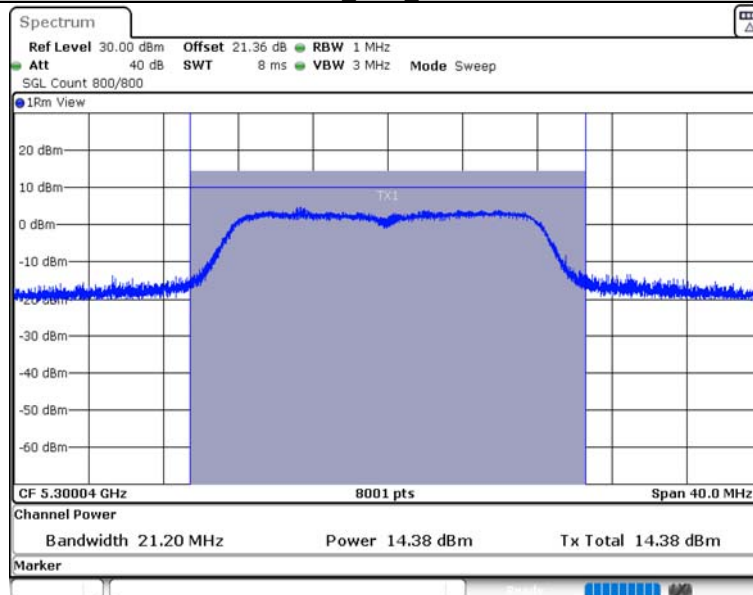
Test Graphs Channel Power



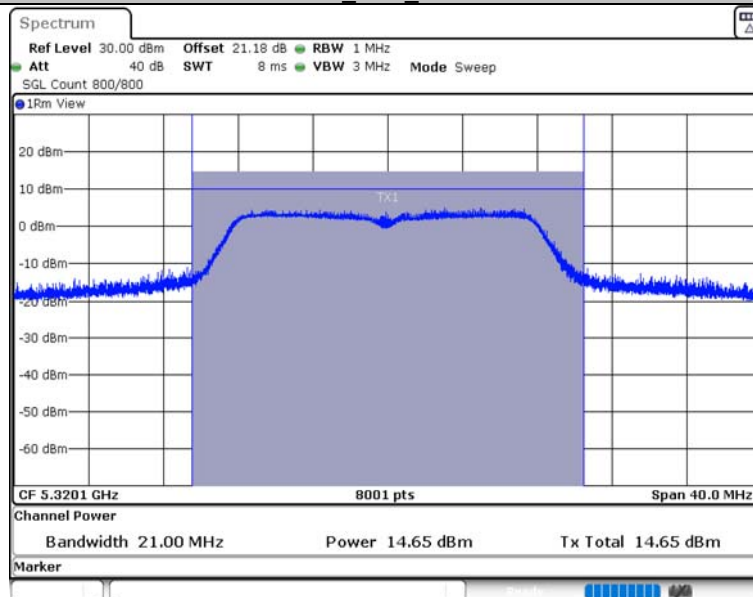
## 11A\_Ant1\_5260

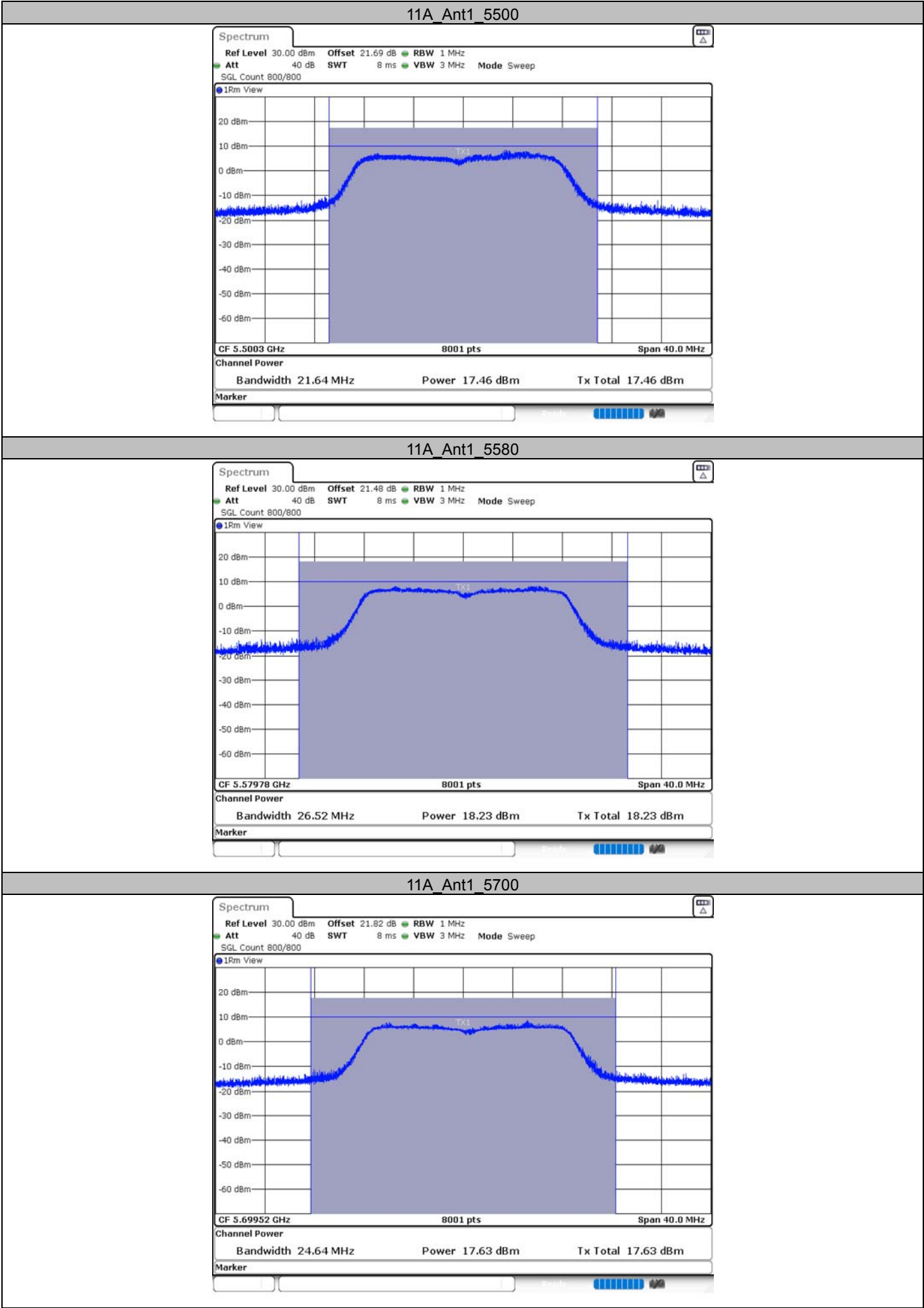


## 11A\_Ant1\_5300

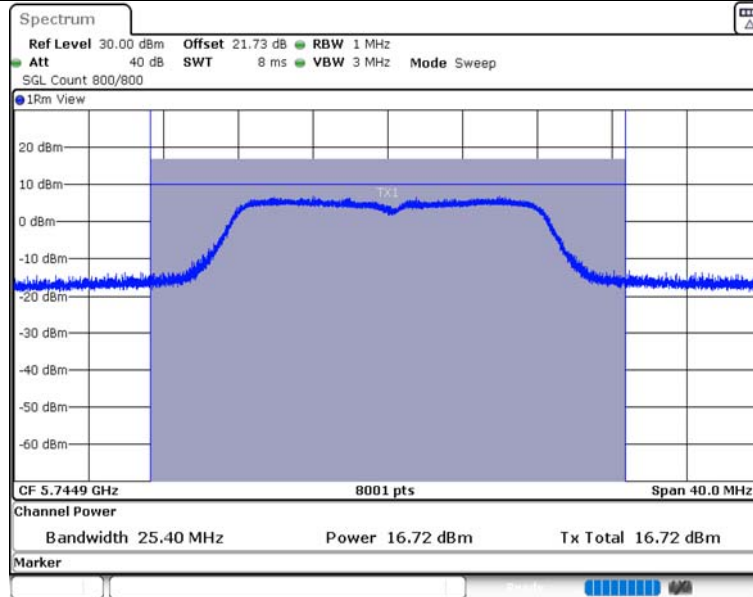


## 11A\_Ant1\_5320

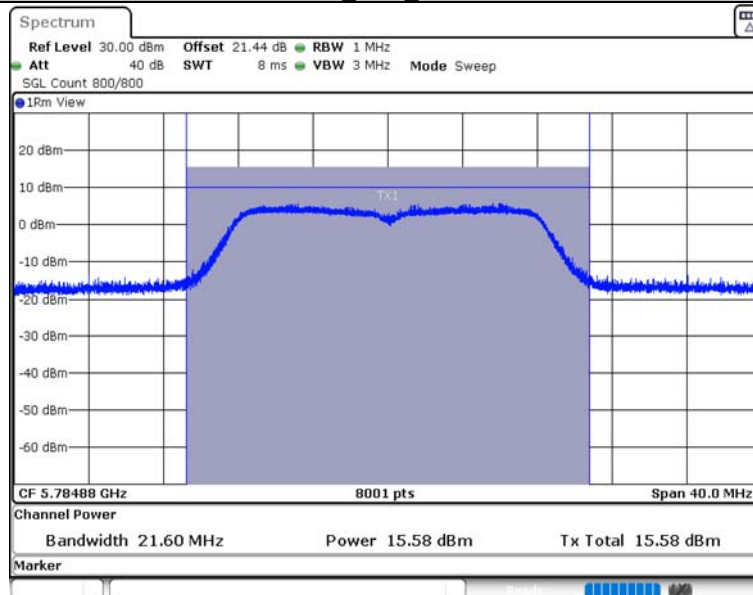




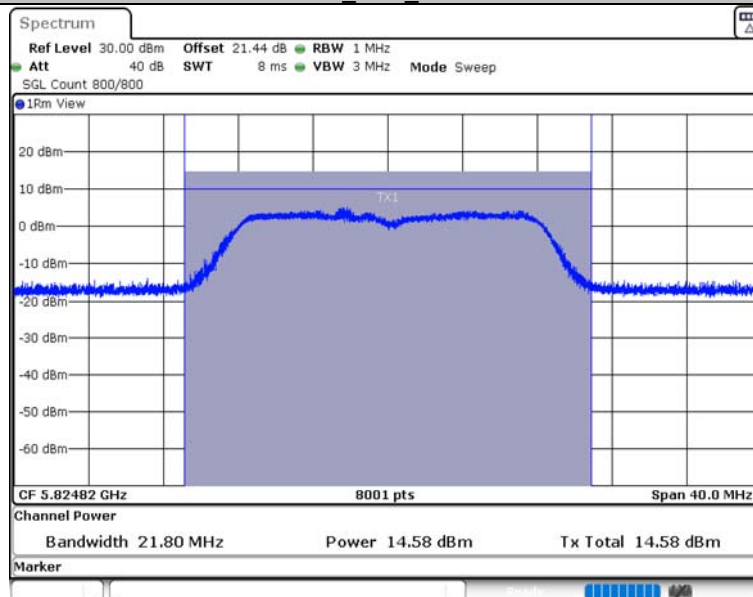
## 11A\_Ant1\_5745



## 11A\_Ant1\_5785

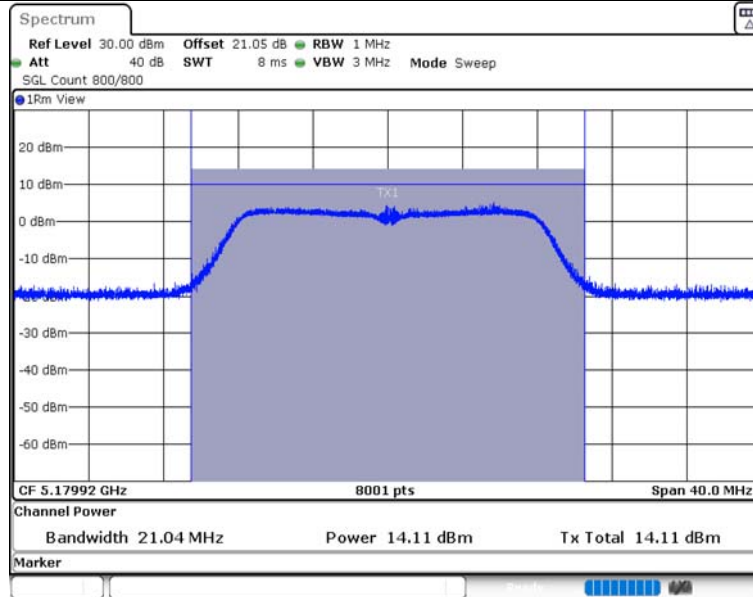


## 11A\_Ant1\_5825

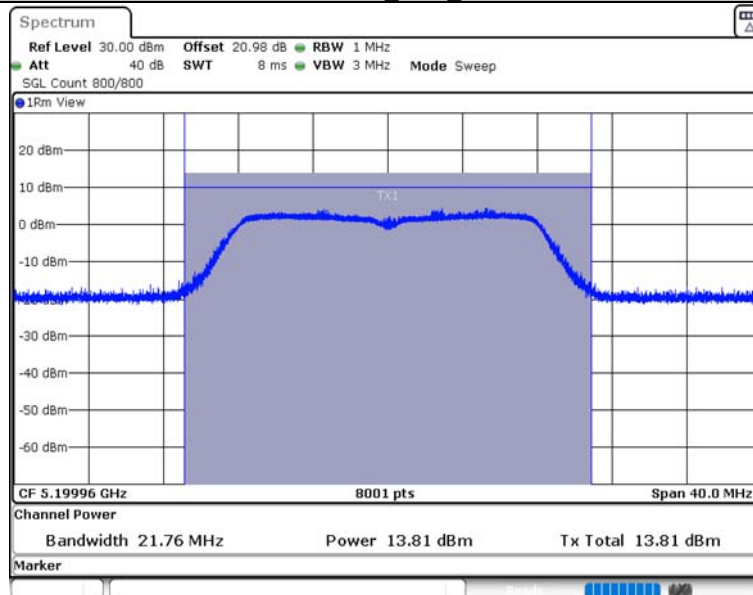




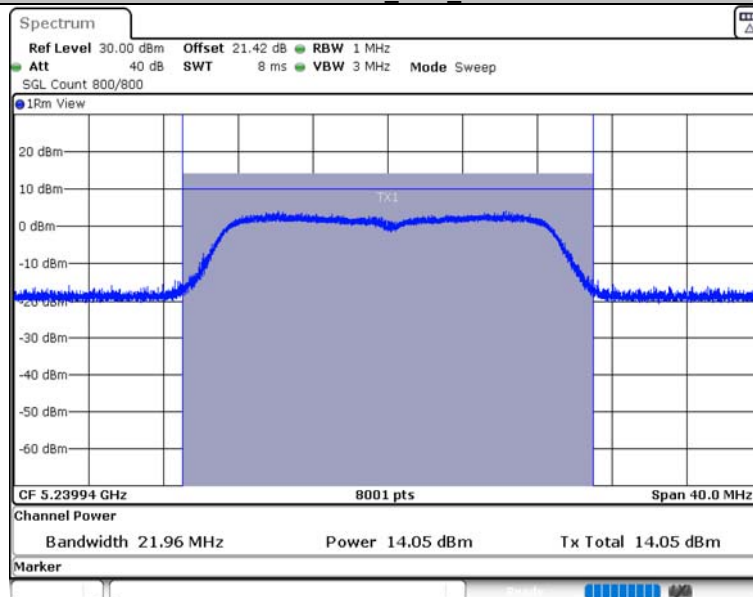
## 11N20SISO\_Ant1\_5180



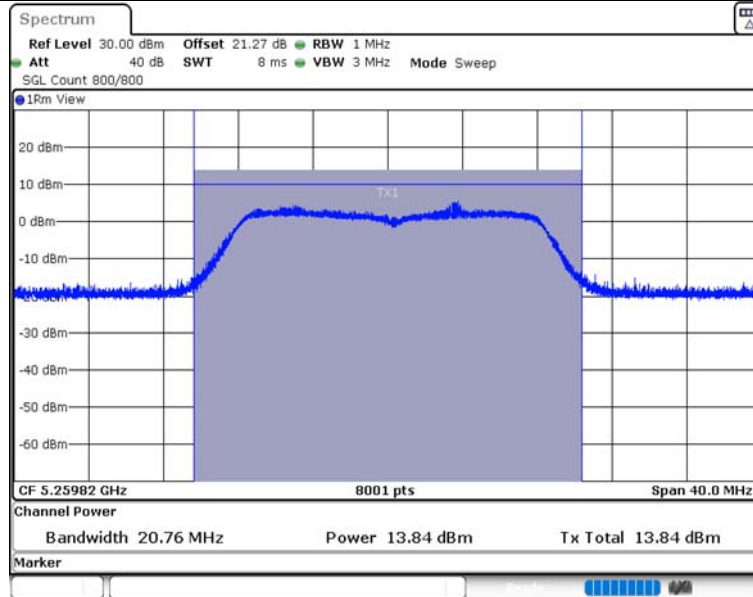
## 11N20SISO\_Ant1\_5200



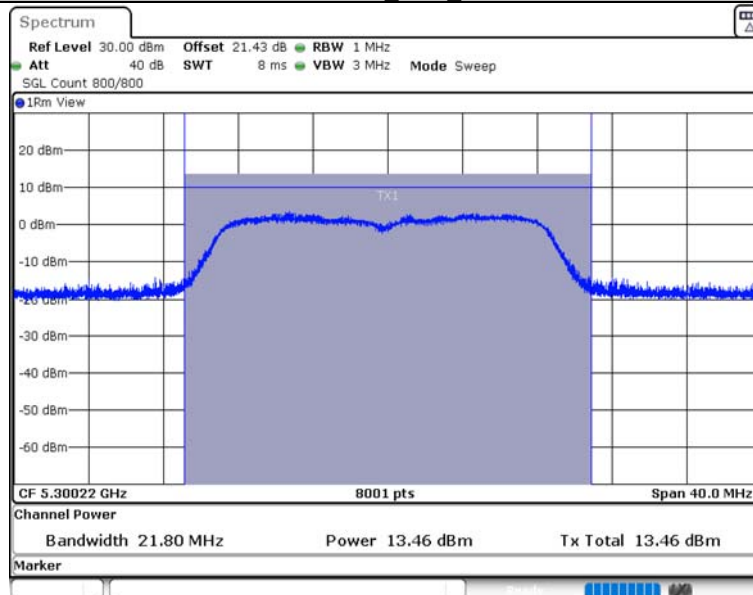
## 11N20SISO\_Ant1\_5240



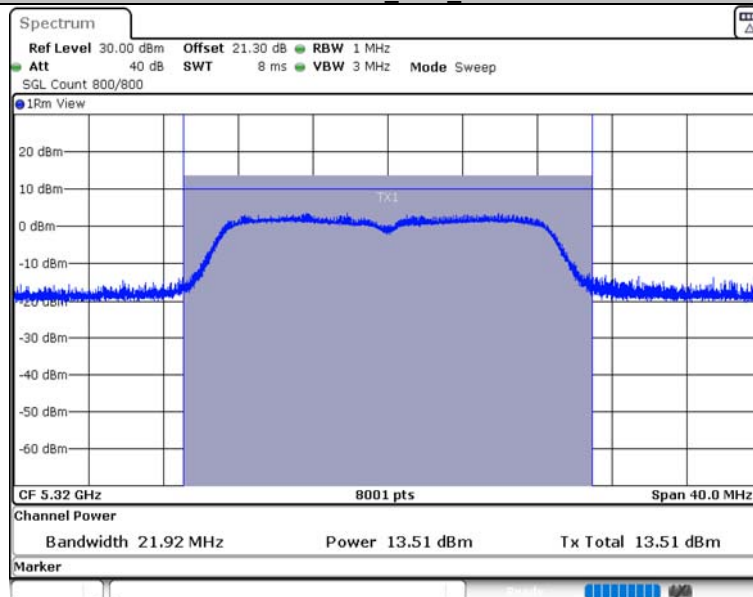
## 11N20SISO\_Ant1\_5260



## 11N20SISO\_Ant1\_5300

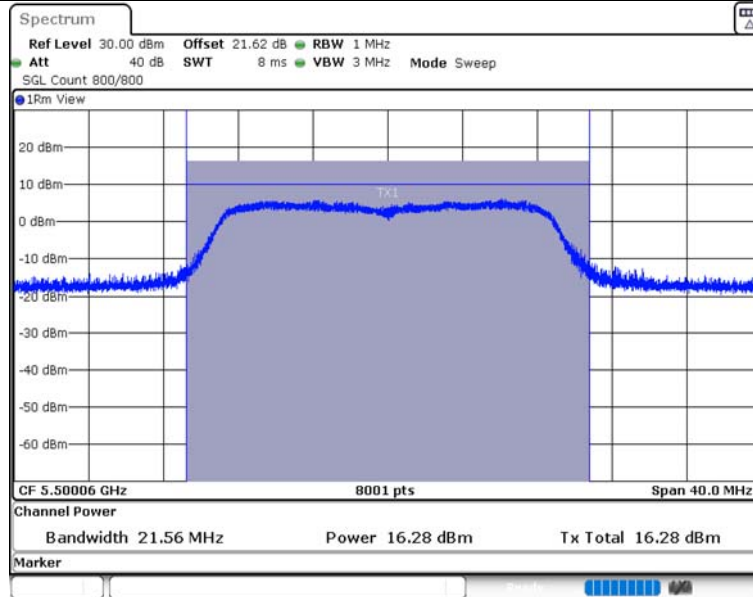


## 11N20SISO\_Ant1\_5320

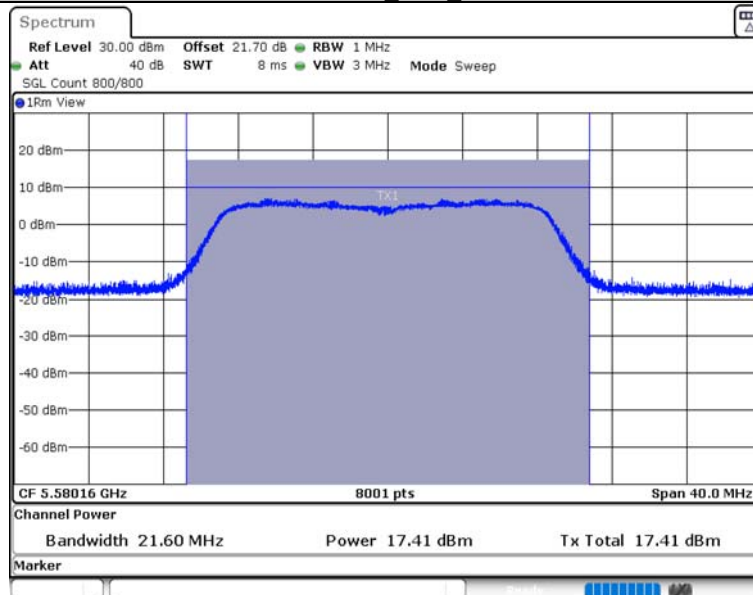




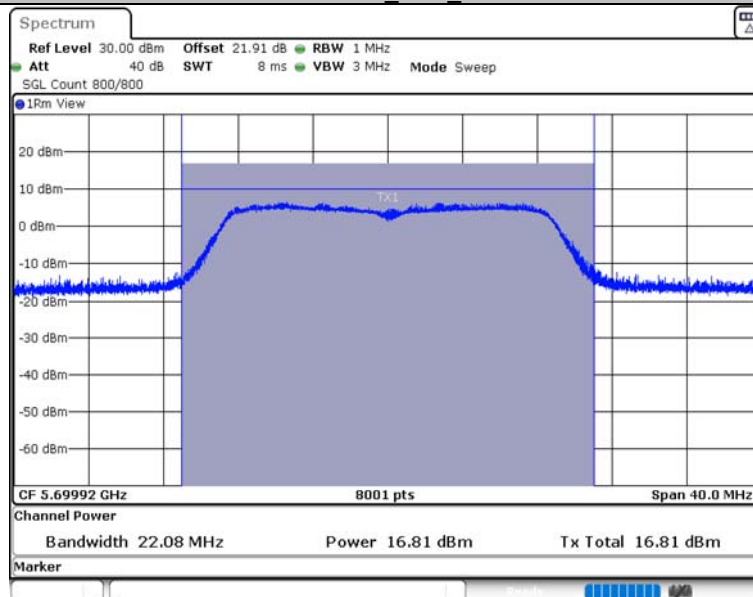
## 11N20SISO\_Ant1\_5500



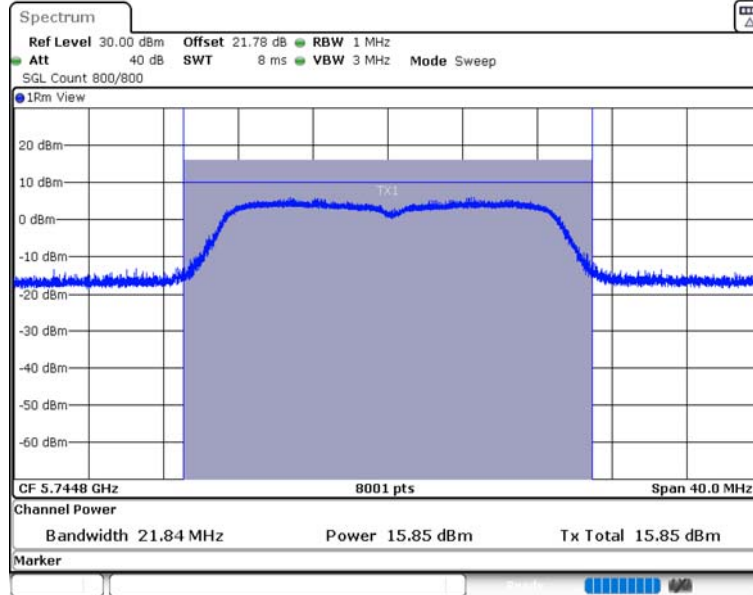
## 11N20SISO\_Ant1\_5580



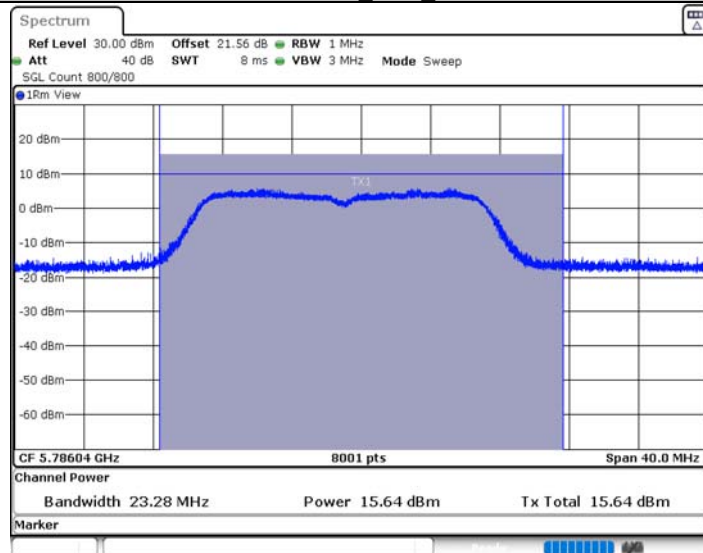
## 11N20SISO\_Ant1\_5700



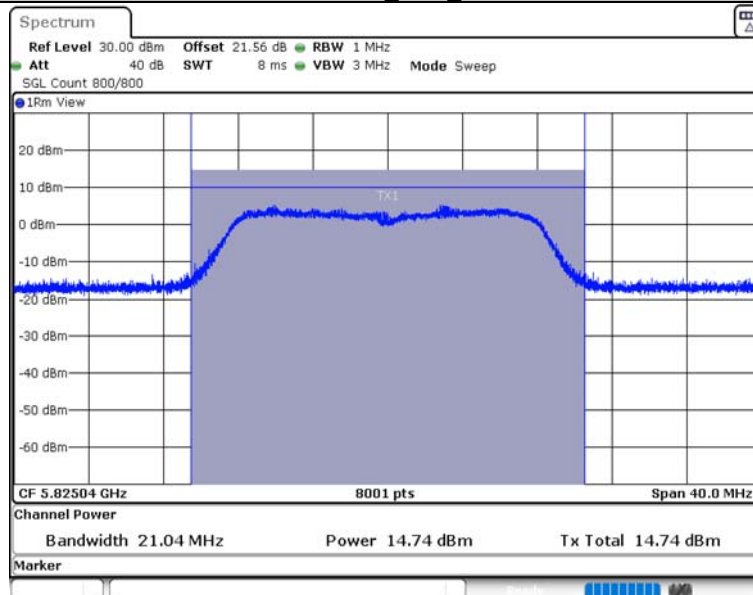
## 11N20SISO\_Ant1\_5745



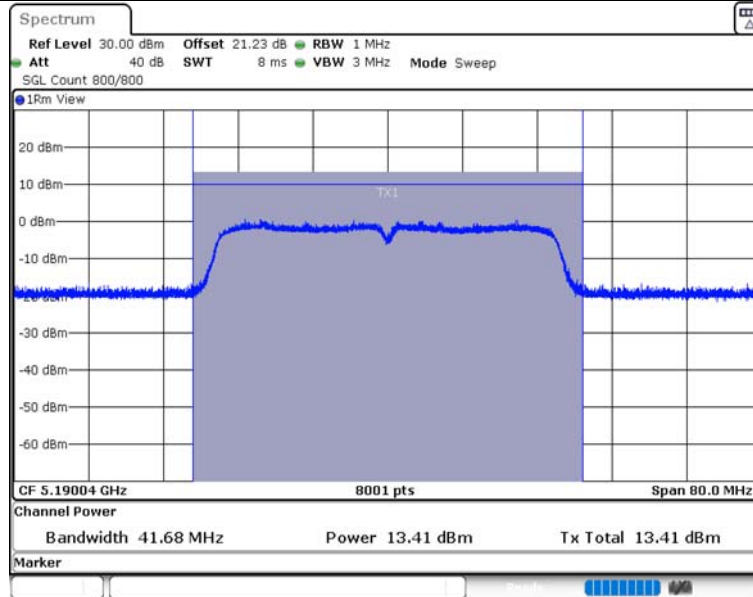
## 11N20SISO\_Ant1\_5785



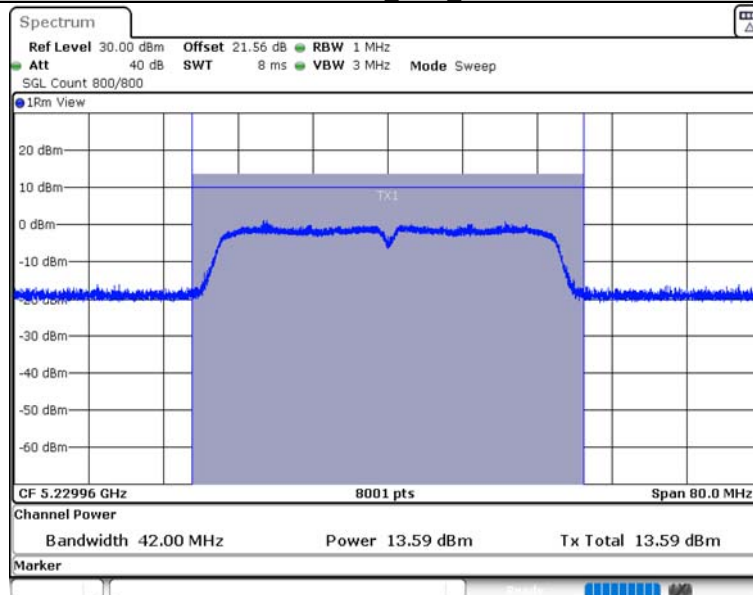
## 11N20SISO\_Ant1\_5825



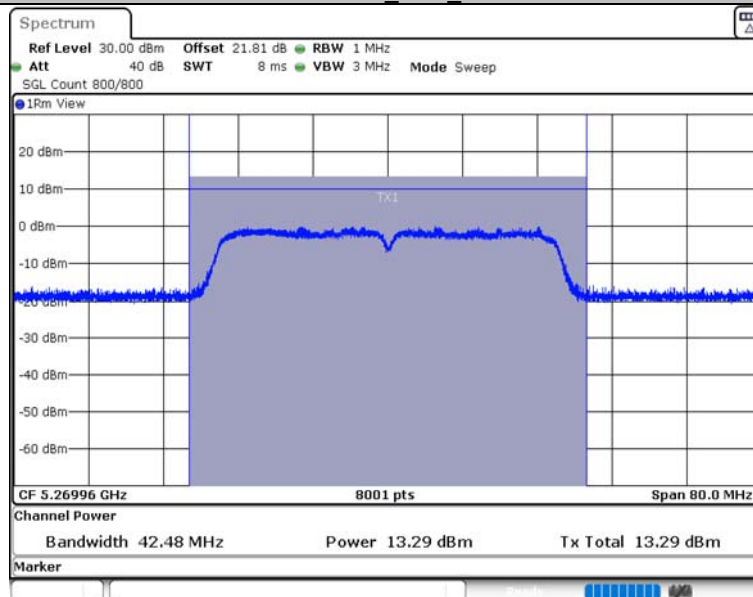
## 11N40SISO\_Ant1\_5190

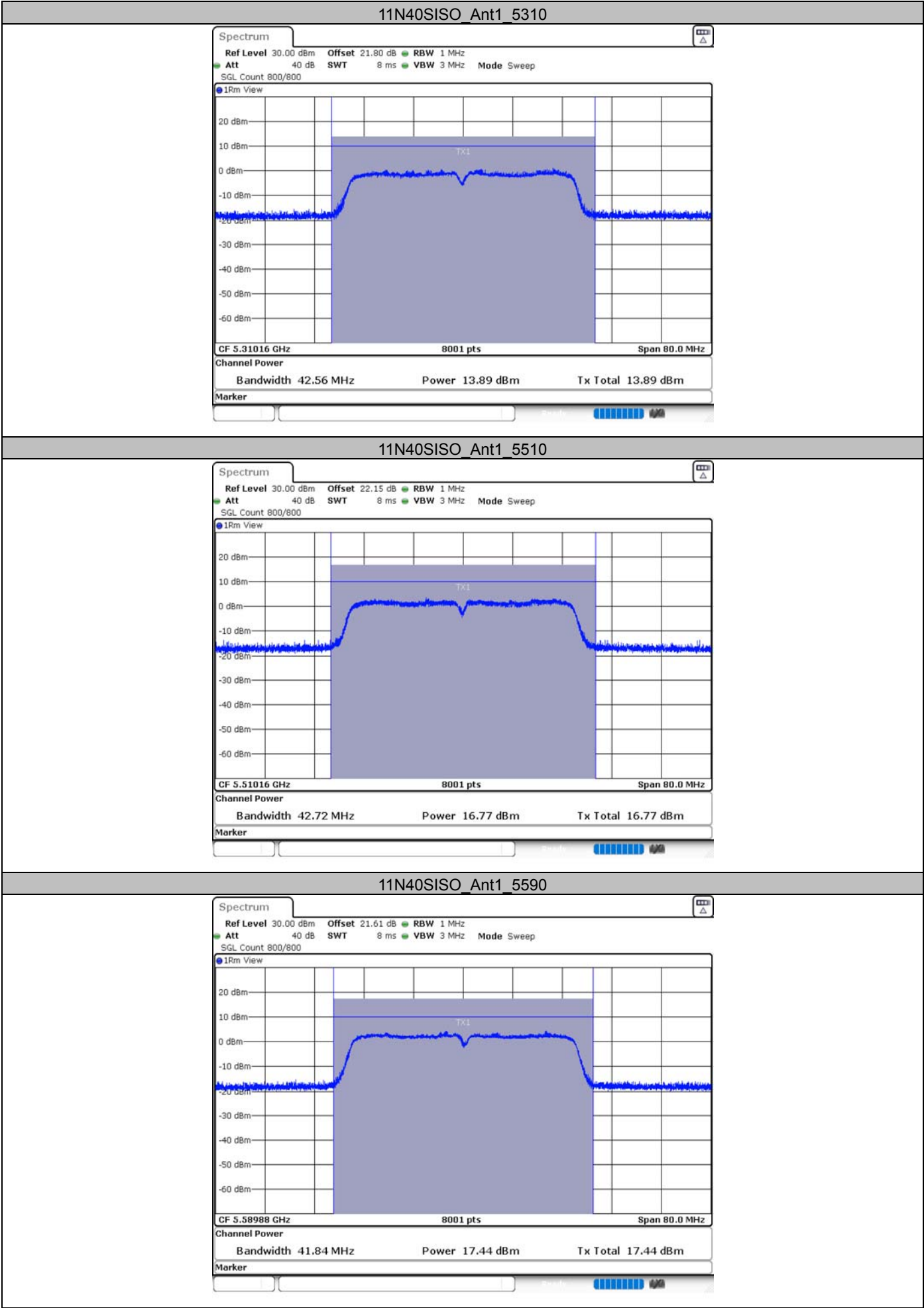


## 11N40SISO\_Ant1\_5230

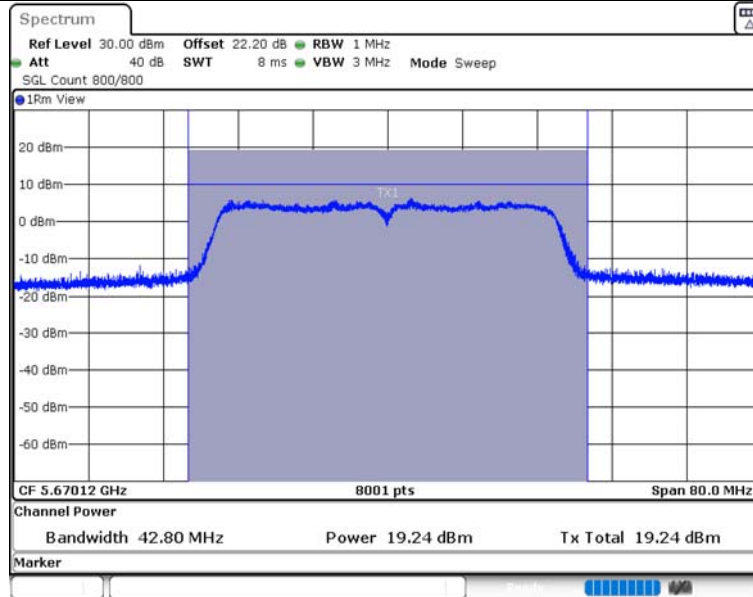


## 11N40SISO\_Ant1\_5270

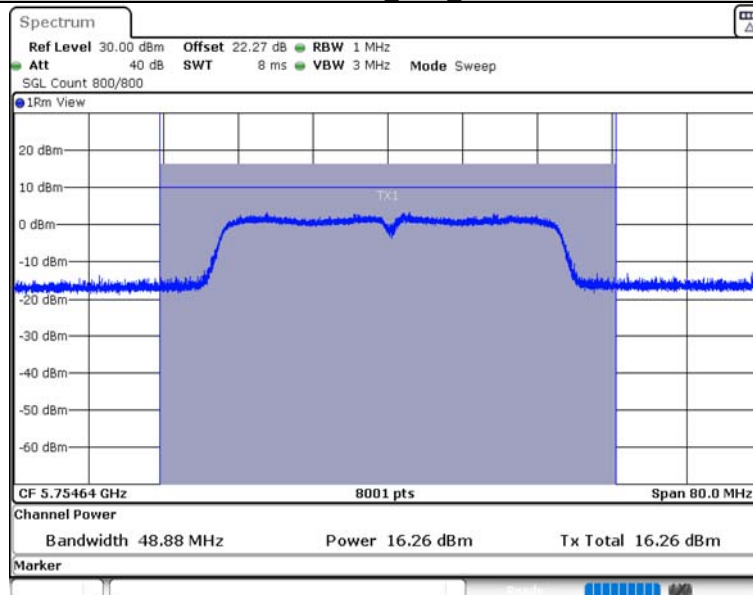




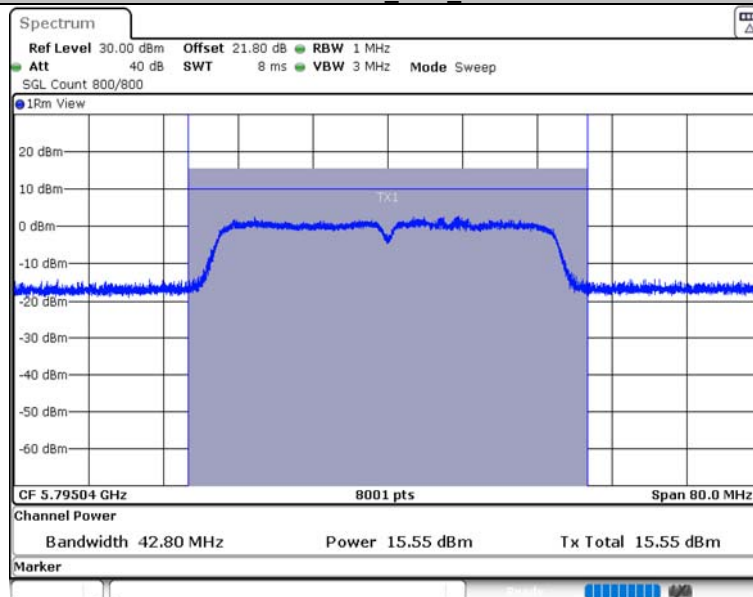
## 11N40SISO\_Ant1\_5670



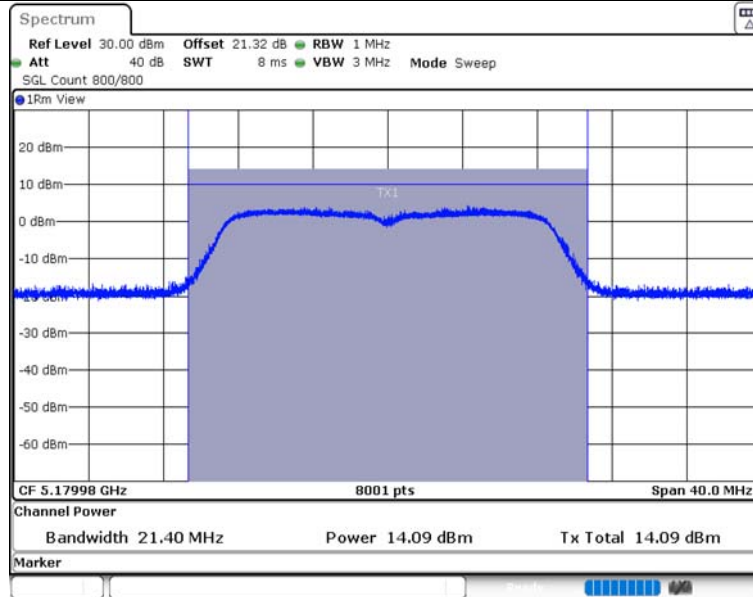
## 11N40SISO\_Ant1\_5755



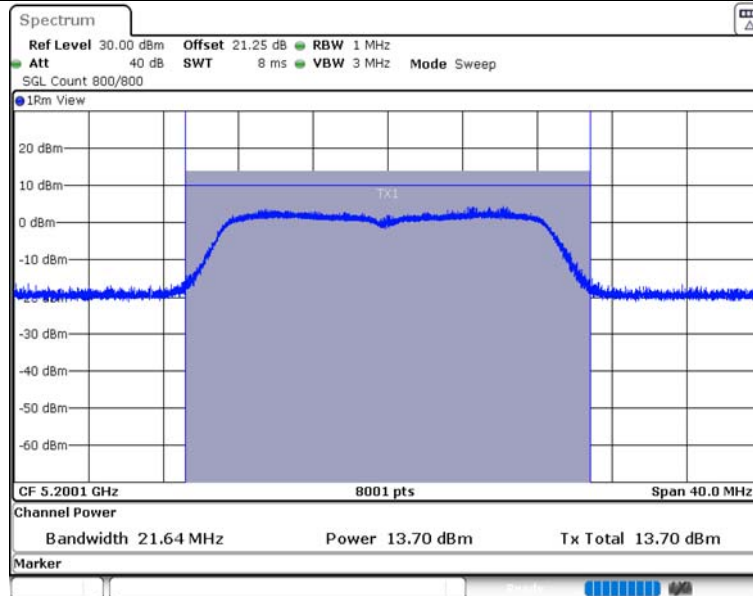
## 11N40SISO\_Ant1\_5795



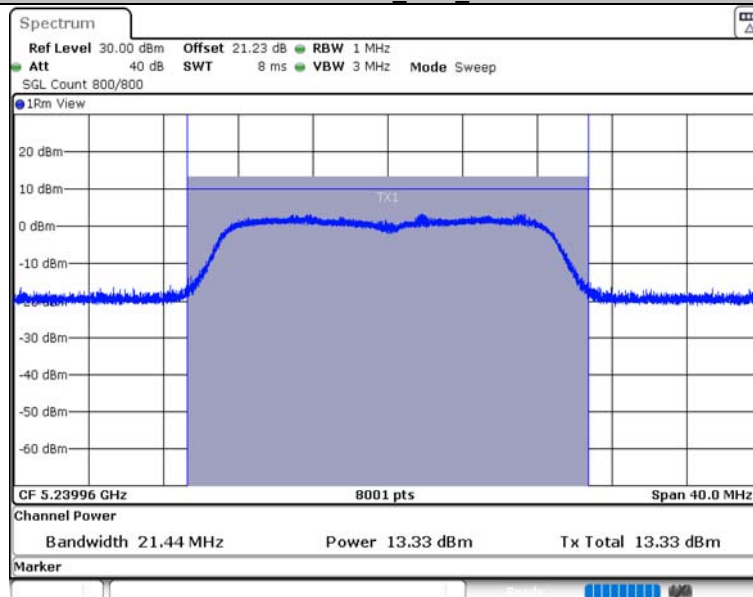
## 11AC20SISO\_Ant1\_5180



## 11AC20SISO\_Ant1\_5200

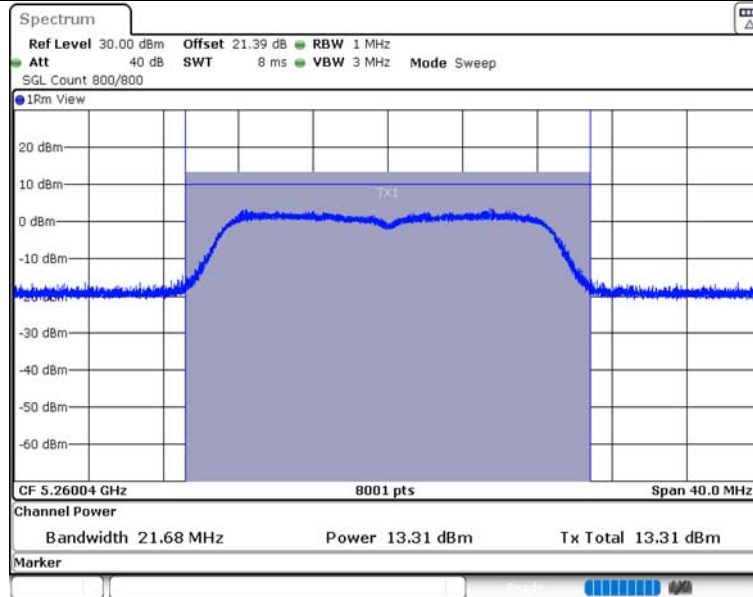


## 11AC20SISO\_Ant1\_5240

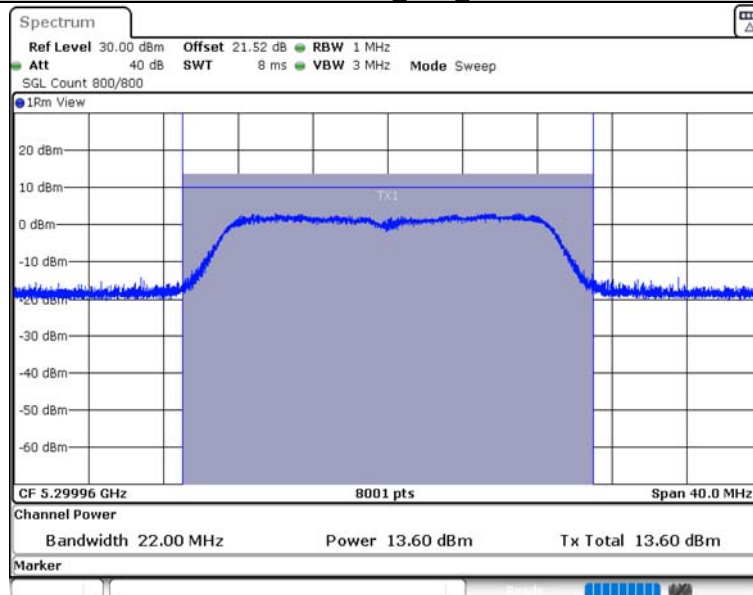




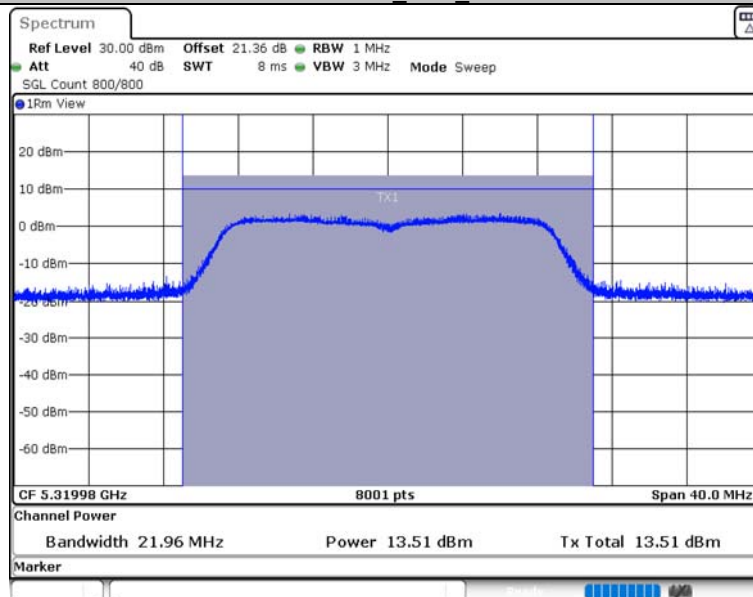
## 11AC20SISO\_Ant1\_5260



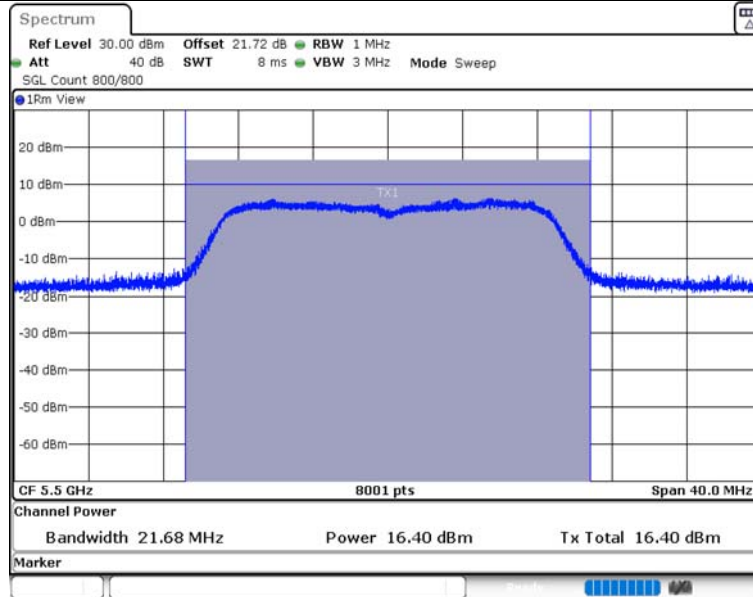
## 11AC20SISO\_Ant1\_5300



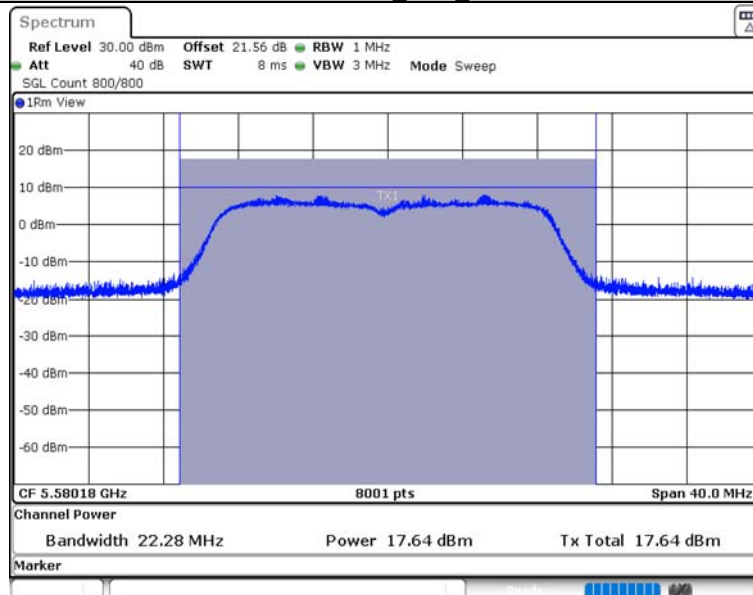
## 11AC20SISO\_Ant1\_5320



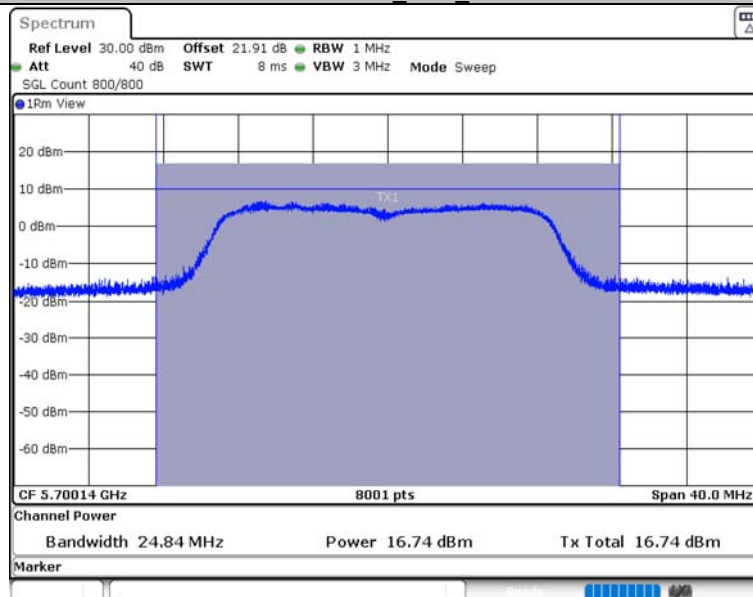
## 11AC20SISO\_Ant1\_5500



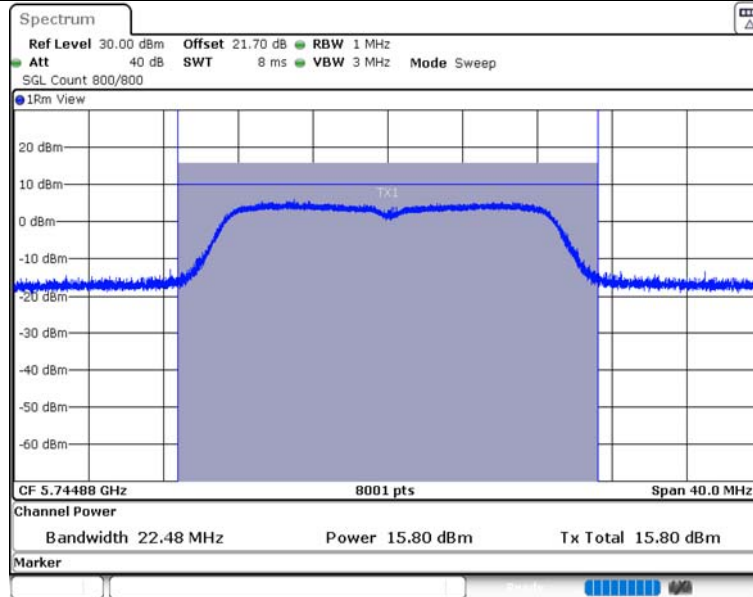
## 11AC20SISO\_Ant1\_5580



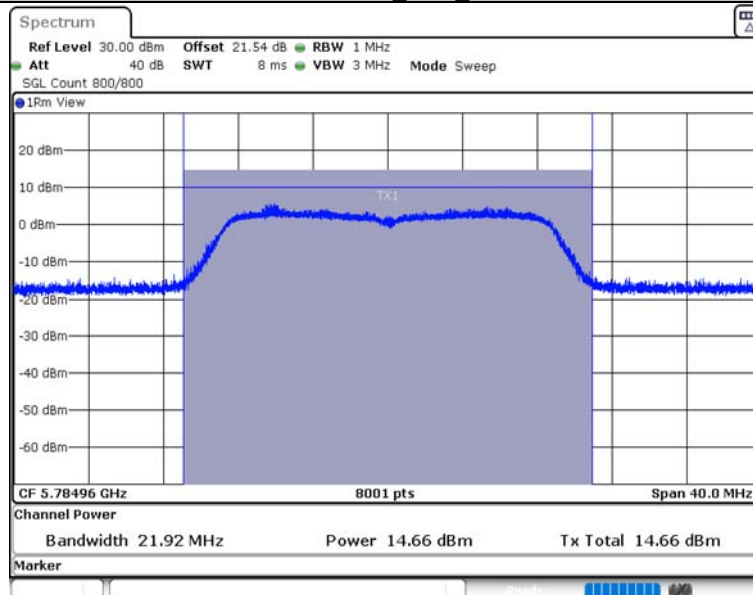
## 11AC20SISO\_Ant1\_5700



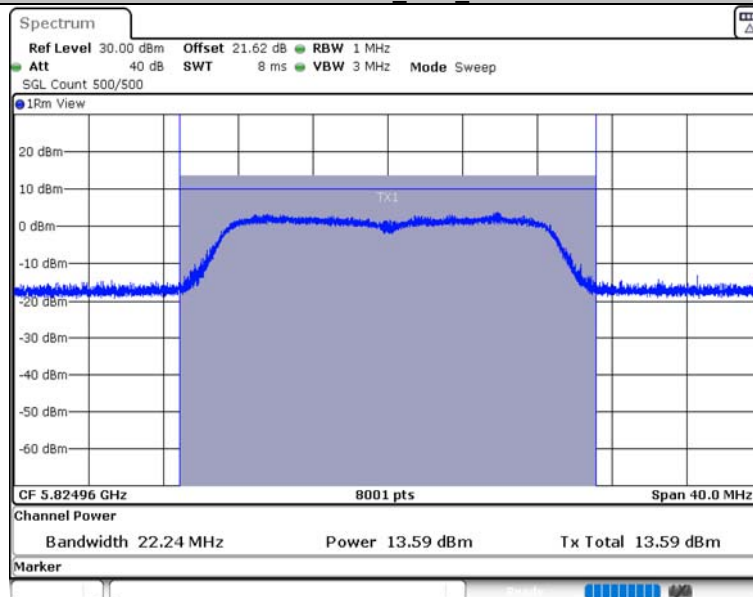
## 11AC20SISO\_Ant1\_5745



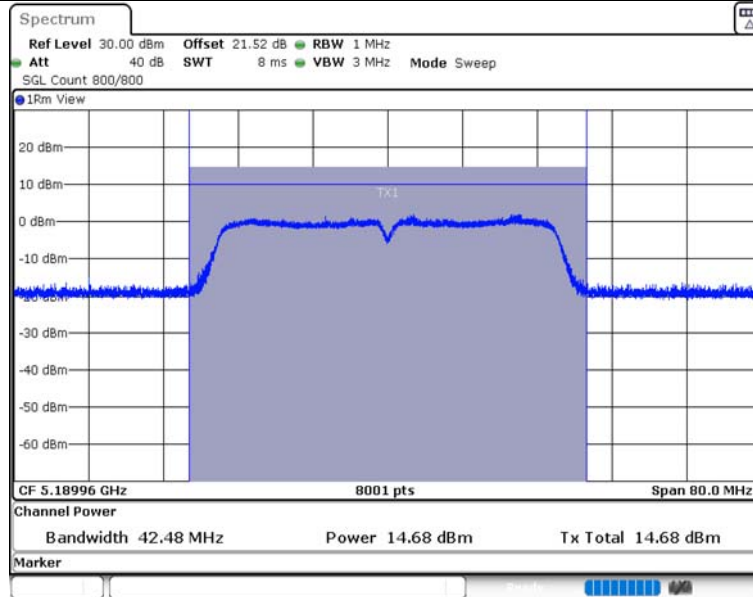
## 11AC20SISO\_Ant1\_5785



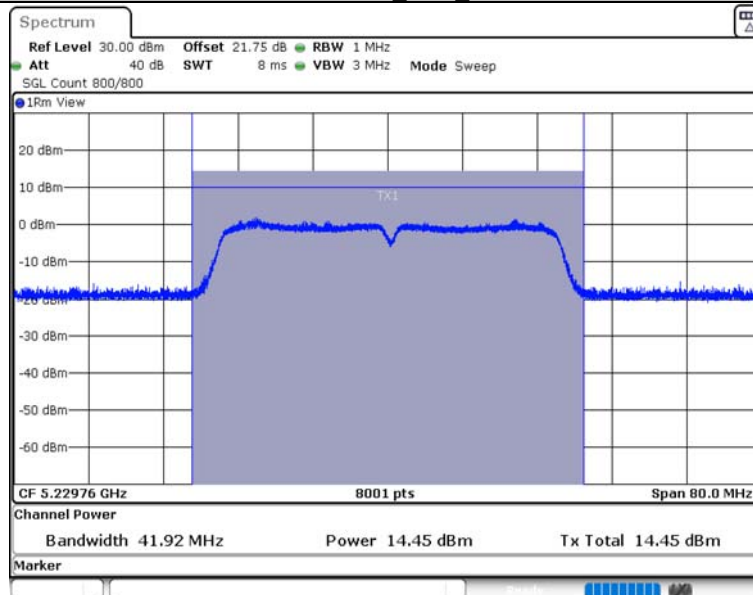
## 11AC20SISO\_Ant1\_5825



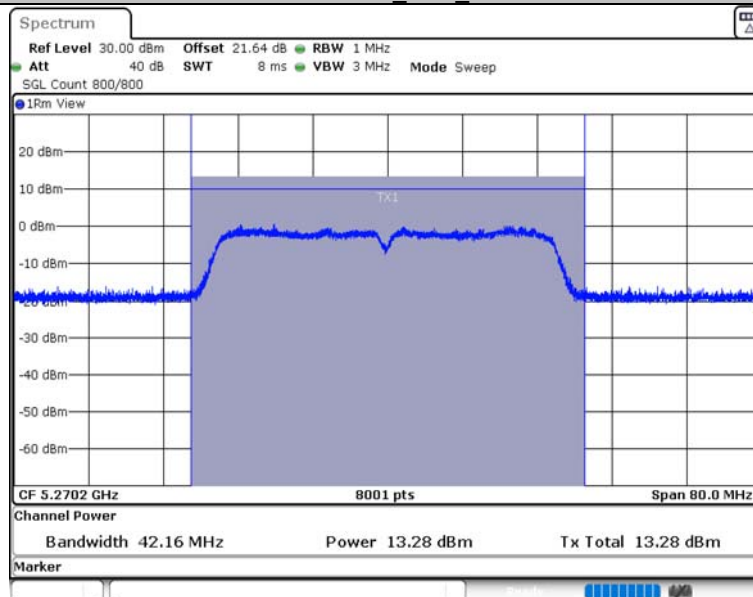
## 11AC40SISO\_Ant1\_5190



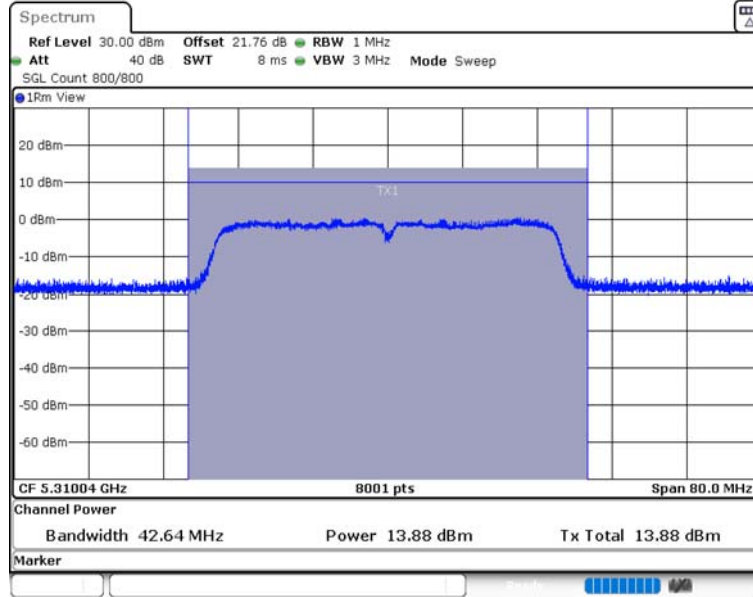
## 11AC40SISO\_Ant1\_5230



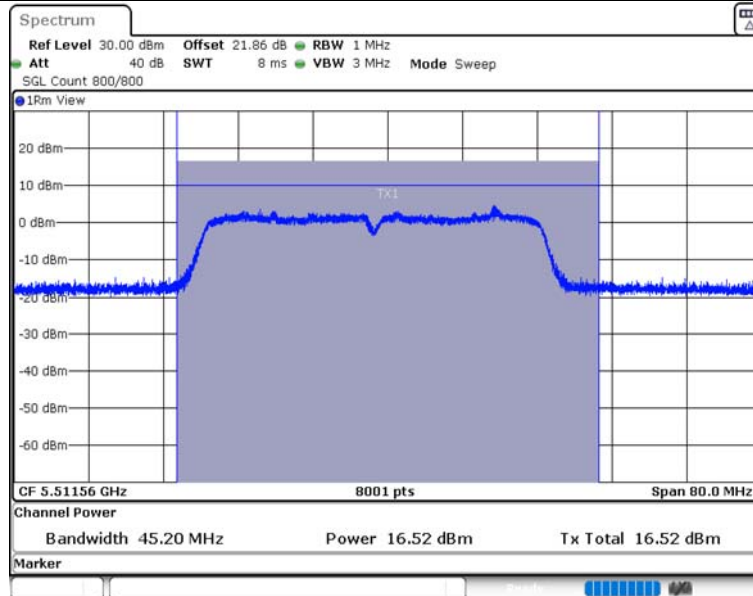
## 11AC40SISO\_Ant1\_5270



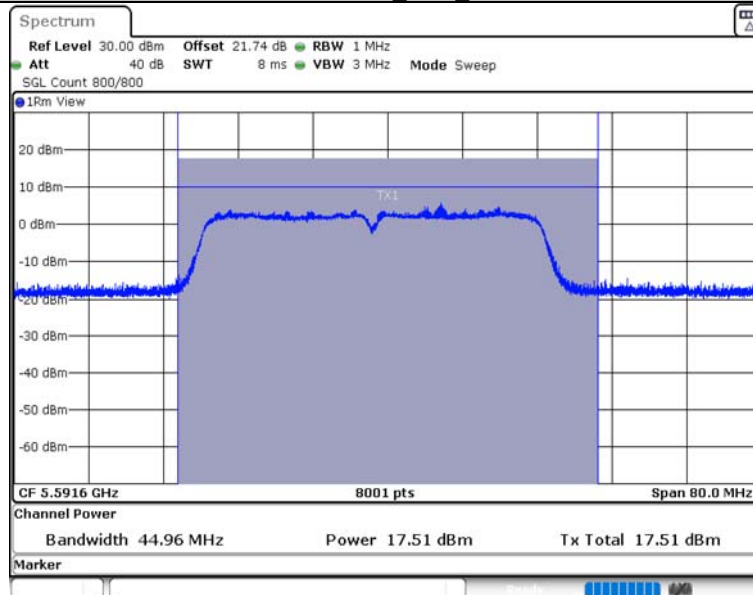
## 11AC40SISO\_Ant1\_5310



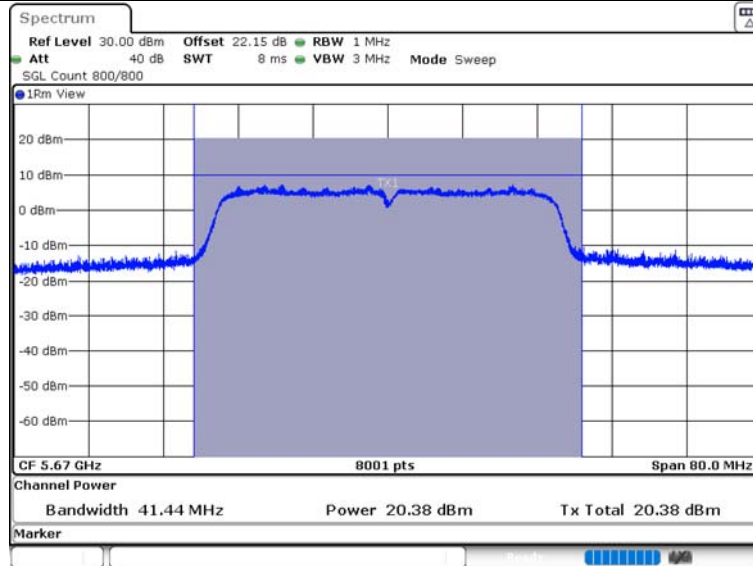
## 11AC40SISO\_Ant1\_5510



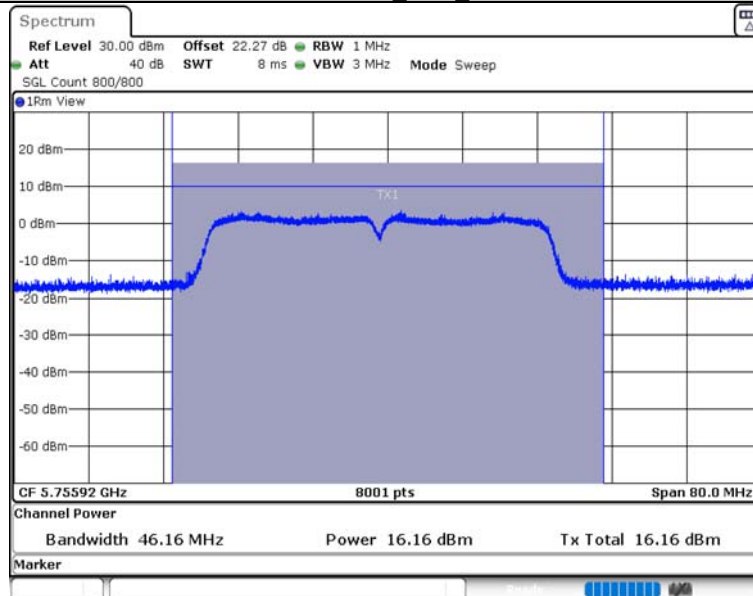
## 11AC40SISO\_Ant1\_5590



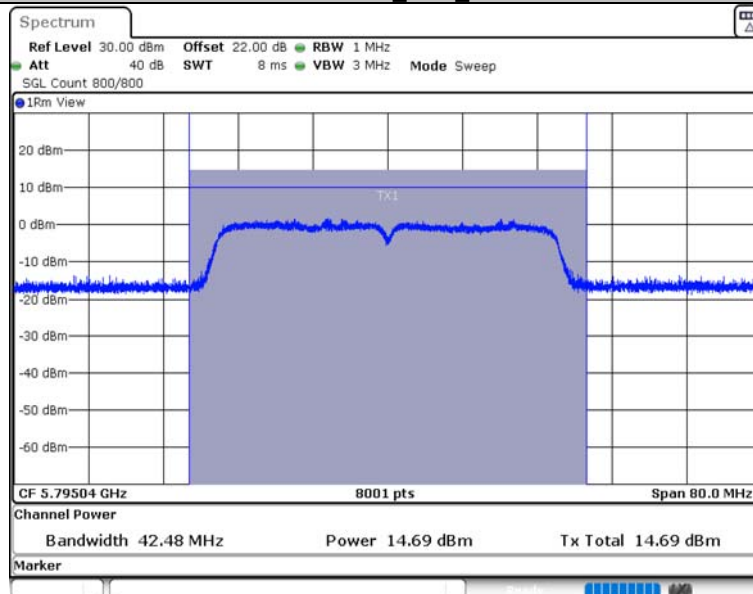
## 11AC40SISO\_Ant1\_5670



## 11AC40SISO\_Ant1\_5755

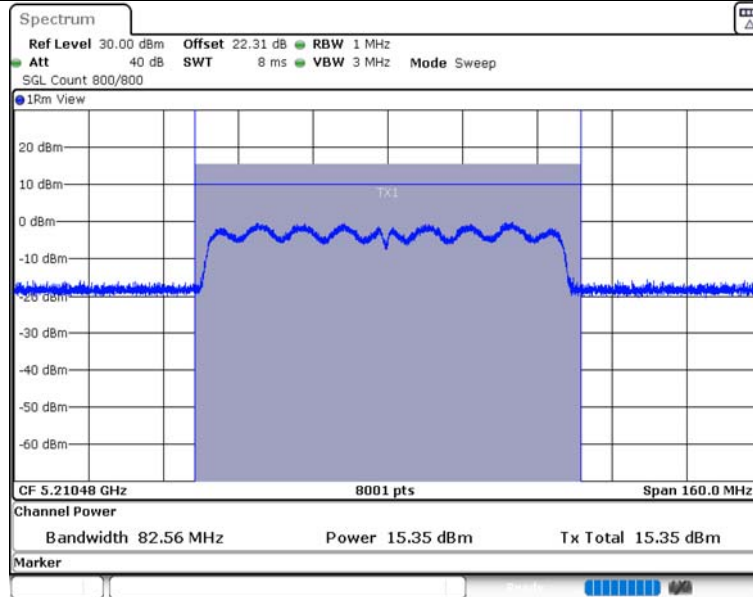


## 11AC40SISO\_Ant1\_5795

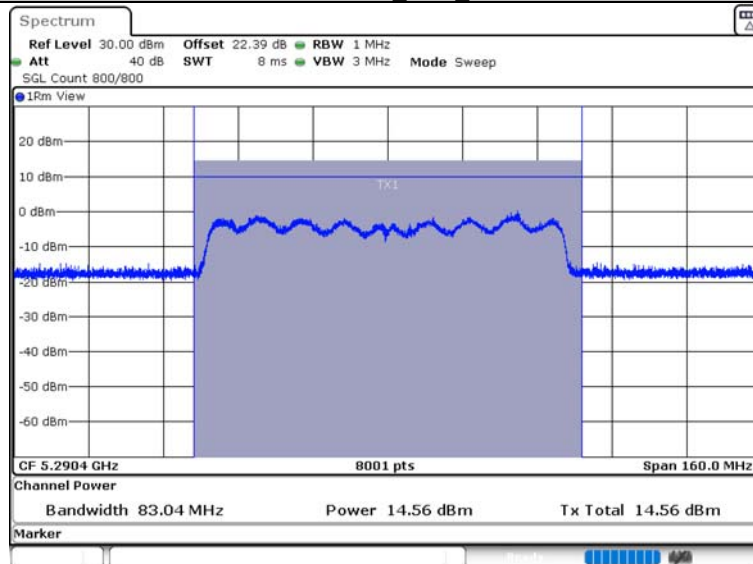




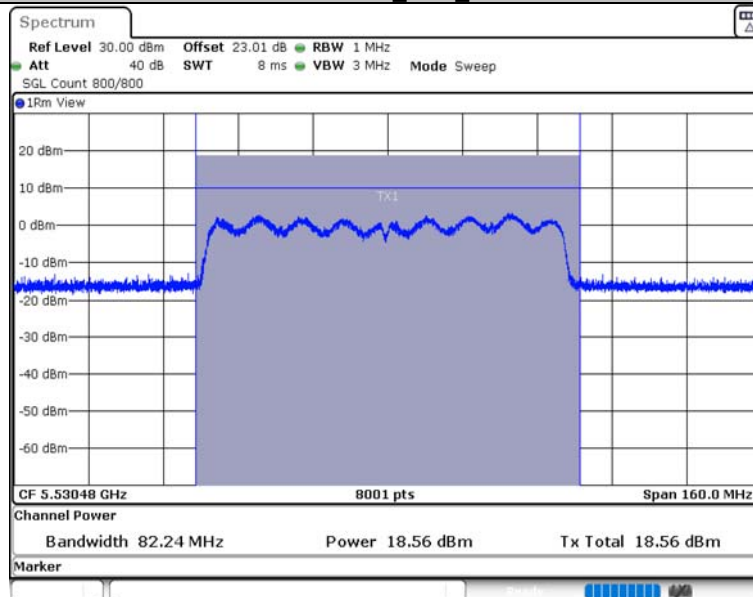
## 11AC80SISO\_Ant1\_5210

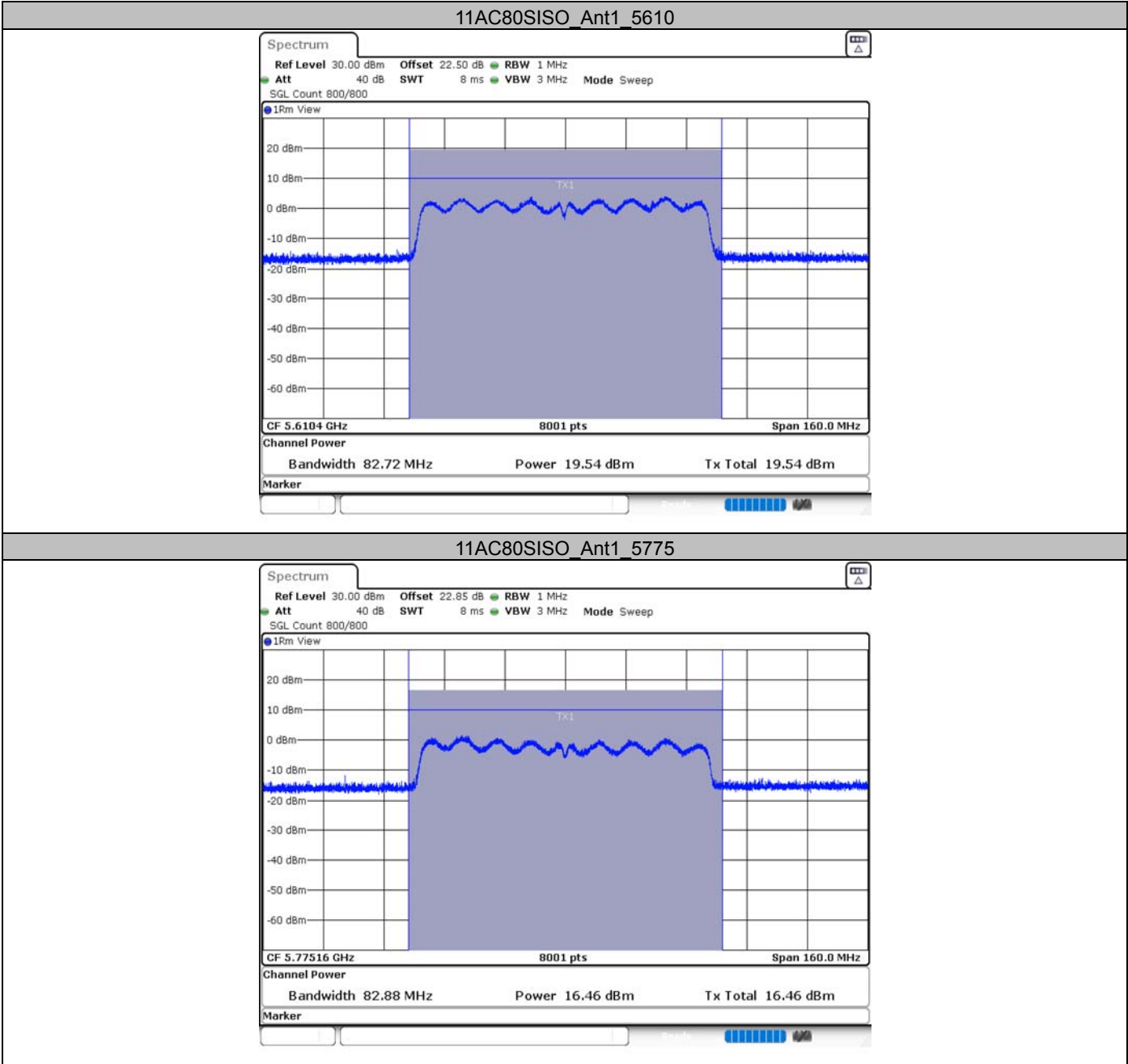


## 11AC80SISO\_Ant1\_5290



## 11AC80SISO\_Ant1\_5530





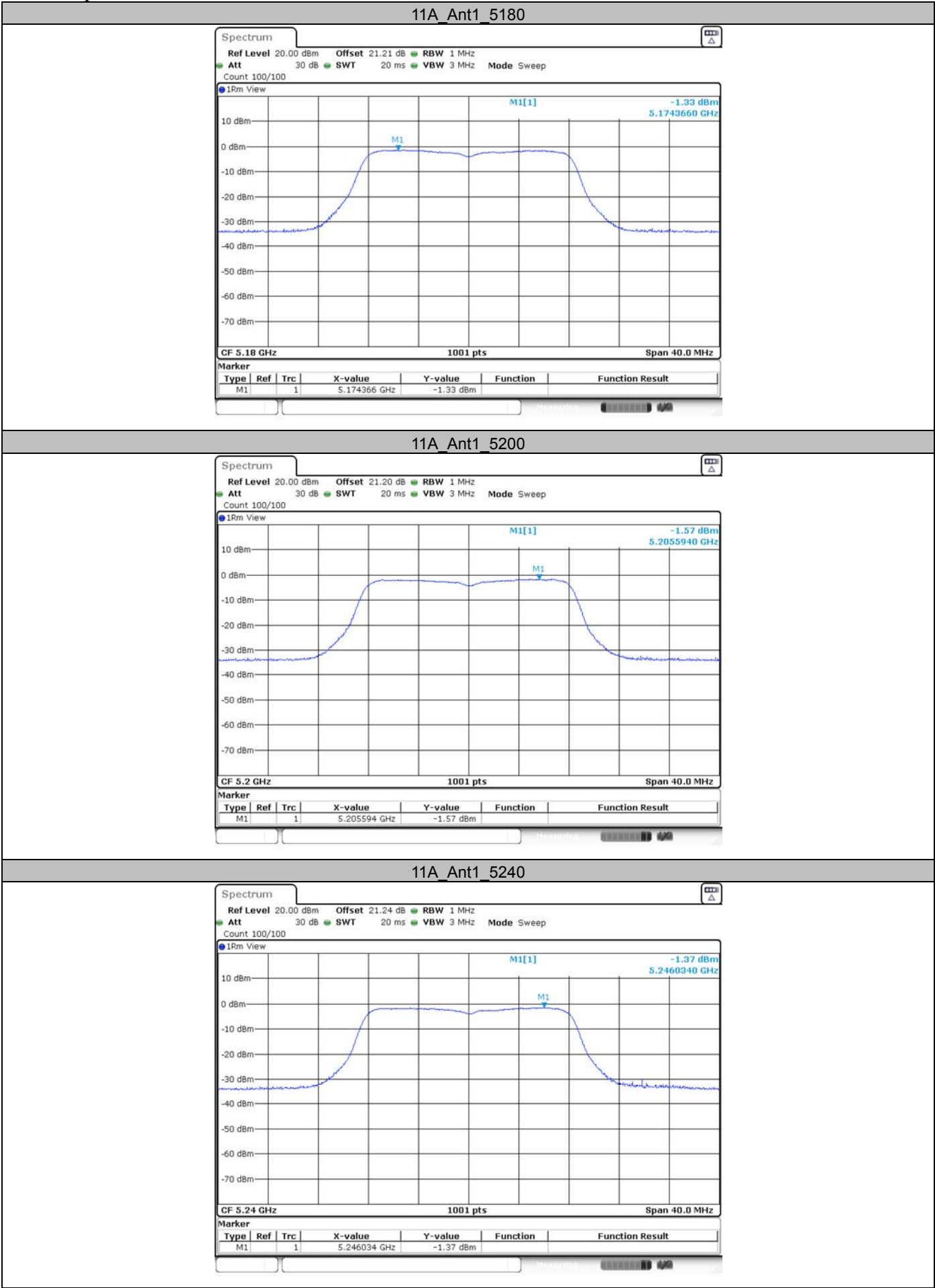
# Appendix F: Maximum power spectral density Test Result

| Test Mode  | Antenna | Frequency [MHz] | Result [dBm/MHz] | Limit [dBm/MHz] | Verdict |
|------------|---------|-----------------|------------------|-----------------|---------|
| 11A        | Ant1    | 5180            | -1.33            | ≤11.00          | PASS    |
|            |         | 5200            | -1.57            | ≤11.00          | PASS    |
|            |         | 5240            | -1.37            | ≤11.00          | PASS    |
|            |         | 5260            | -1.26            | ≤11.00          | PASS    |
|            |         | 5300            | -2.08            | ≤11.00          | PASS    |
|            |         | 5320            | -1.37            | ≤11.00          | PASS    |
|            |         | 5500            | 1.71             | ≤11.00          | PASS    |
|            |         | 5580            | 2.87             | ≤11.00          | PASS    |
|            |         | 5700            | 2.07             | ≤11.00          | PASS    |
|            |         | 5745            | 0.31             | ≤30.00          | PASS    |
|            |         | 5785            | -1.43            | ≤30.00          | PASS    |
|            |         | 5825            | -2.32            | ≤30.00          | PASS    |
| 11N20SISO  | Ant1    | 5180            | -1.27            | ≤11.00          | PASS    |
|            |         | 5200            | -1.71            | ≤11.00          | PASS    |
|            |         | 5240            | -1               | ≤11.00          | PASS    |
|            |         | 5260            | -1.39            | ≤11.00          | PASS    |
|            |         | 5300            | -1.92            | ≤11.00          | PASS    |
|            |         | 5320            | -1.08            | ≤11.00          | PASS    |
|            |         | 5500            | 1.75             | ≤11.00          | PASS    |
|            |         | 5580            | 3.09             | ≤11.00          | PASS    |
|            |         | 5700            | 2.16             | ≤11.00          | PASS    |
|            |         | 5745            | 0.02             | ≤30.00          | PASS    |
|            |         | 5785            | -1.32            | ≤30.00          | PASS    |
|            |         | 5825            | -2.29            | ≤30.00          | PASS    |
| 11N40SISO  | Ant1    | 5190            | -5.45            | ≤11.00          | PASS    |
|            |         | 5230            | -5.31            | ≤11.00          | PASS    |
|            |         | 5270            | -5.55            | ≤11.00          | PASS    |
|            |         | 5310            | -5.38            | ≤11.00          | PASS    |
|            |         | 5510            | -2.02            | ≤11.00          | PASS    |
|            |         | 5590            | -1.02            | ≤11.00          | PASS    |
|            |         | 5670            | 0.42             | ≤11.00          | PASS    |
|            |         | 5755            | -4.15            | ≤30.00          | PASS    |
|            |         | 5795            | -5.03            | ≤30.00          | PASS    |
| 11AC20SISO | Ant1    | 5180            | -1.52            | ≤11.00          | PASS    |
|            |         | 5200            | -1.77            | ≤11.00          | PASS    |
|            |         | 5240            | -2.32            | ≤11.00          | PASS    |
|            |         | 5260            | -2.39            | ≤11.00          | PASS    |
|            |         | 5300            | -2.73            | ≤11.00          | PASS    |
|            |         | 5320            | -2.47            | ≤11.00          | PASS    |
|            |         | 5500            | 0.96             | ≤11.00          | PASS    |
|            |         | 5580            | 2.11             | ≤11.00          | PASS    |
|            |         | 5700            | 1.13             | ≤11.00          | PASS    |
|            |         | 5745            | -1.25            | ≤30.00          | PASS    |
|            |         | 5785            | -2.74            | ≤30.00          | PASS    |
|            |         | 5825            | -3.42            | ≤30.00          | PASS    |
| 11AC40SISO | Ant1    | 5190            | -3.85            | ≤11.00          | PASS    |
|            |         | 5230            | -4.33            | ≤11.00          | PASS    |
|            |         | 5270            | -5.45            | ≤11.00          | PASS    |
|            |         | 5310            | -5.13            | ≤11.00          | PASS    |
|            |         | 5510            | -2.23            | ≤11.00          | PASS    |
|            |         | 5590            | -1.24            | ≤11.00          | PASS    |
|            |         | 5670            | 0.35             | ≤11.00          | PASS    |
|            |         | 5755            | -4.43            | ≤30.00          | PASS    |
|            |         | 5795            | -5.87            | ≤30.00          | PASS    |

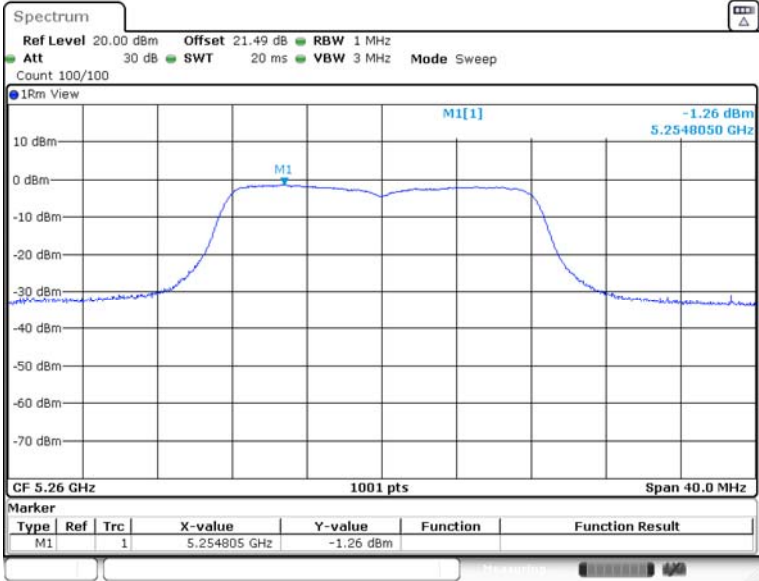
|            |      |      |       |        |      |
|------------|------|------|-------|--------|------|
| 11AC80SISO | Ant1 | 5210 | -5.26 | ≤11.00 | PASS |
|            |      | 5290 | -5.83 | ≤11.00 | PASS |
|            |      | 5530 | -1.81 | ≤11.00 | PASS |
|            |      | 5610 | -0.88 | ≤11.00 | PASS |
|            |      | 5775 | -5.47 | ≤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.

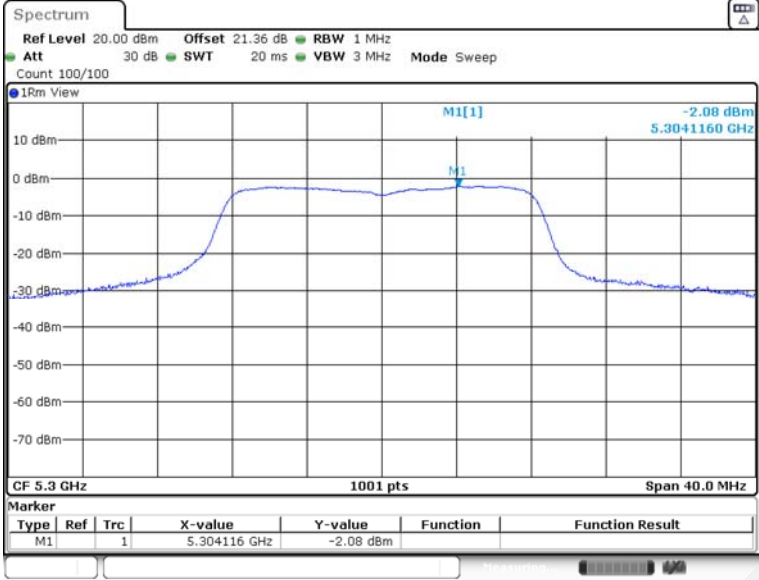
Test Graphs



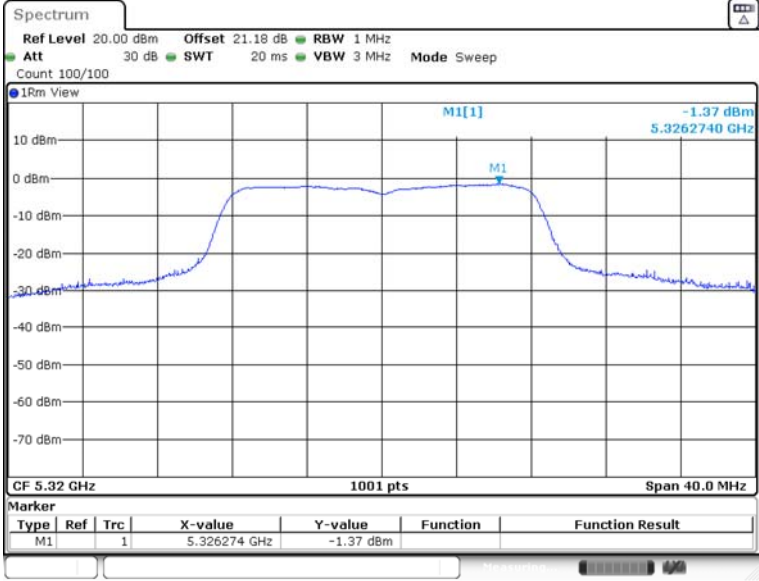
11A\_Ant1\_5260



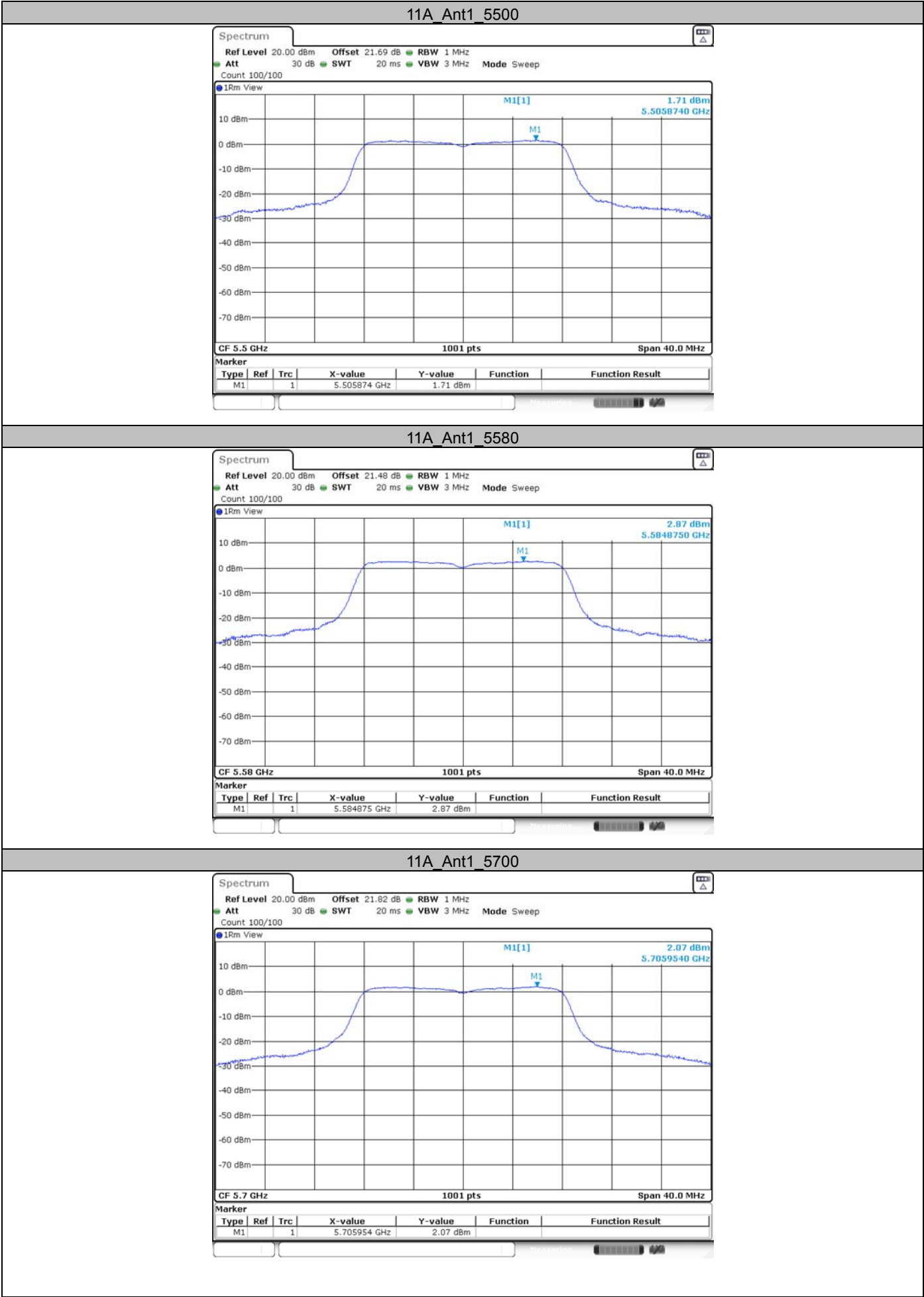
11A\_Ant1\_5300



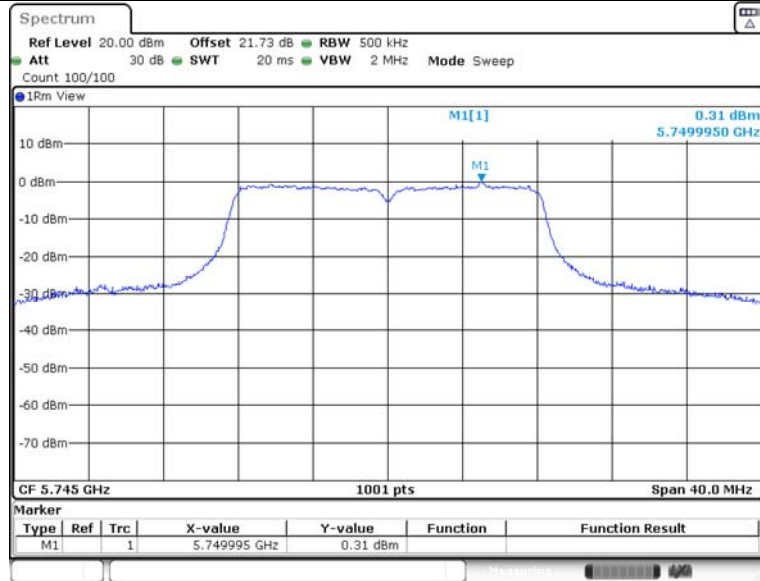
11A\_Ant1\_5320



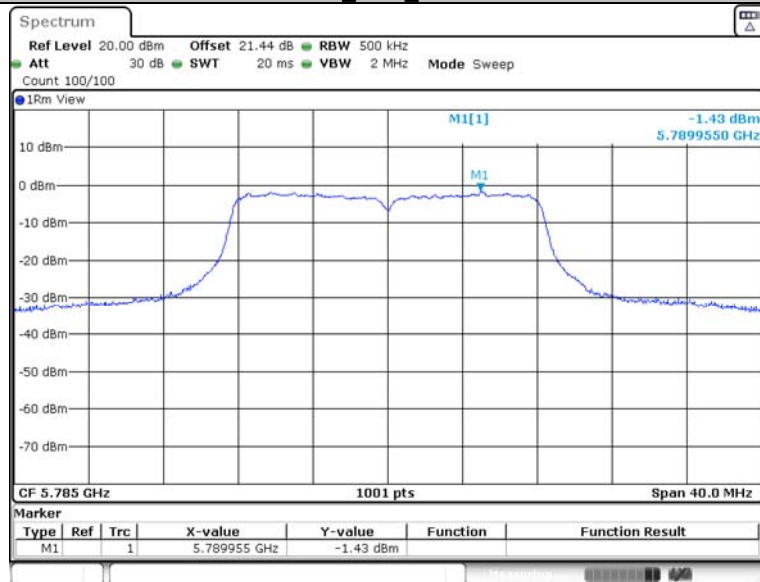




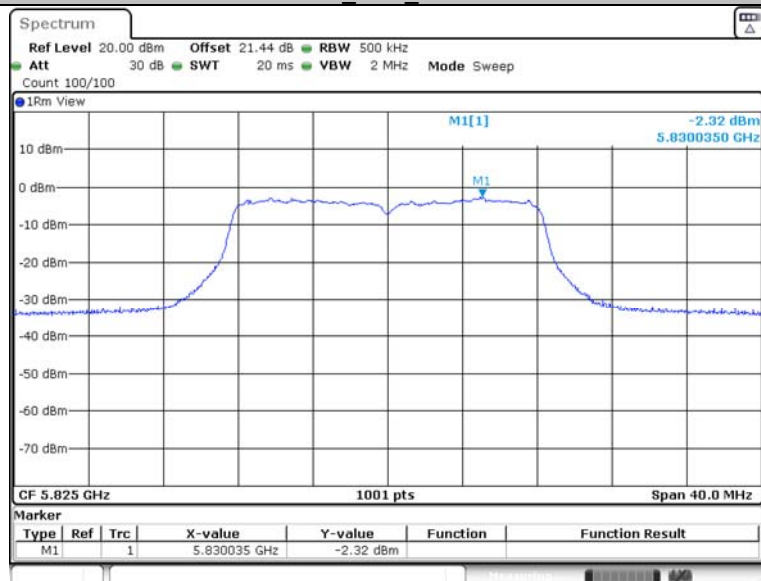
## 11A\_Ant1\_5745

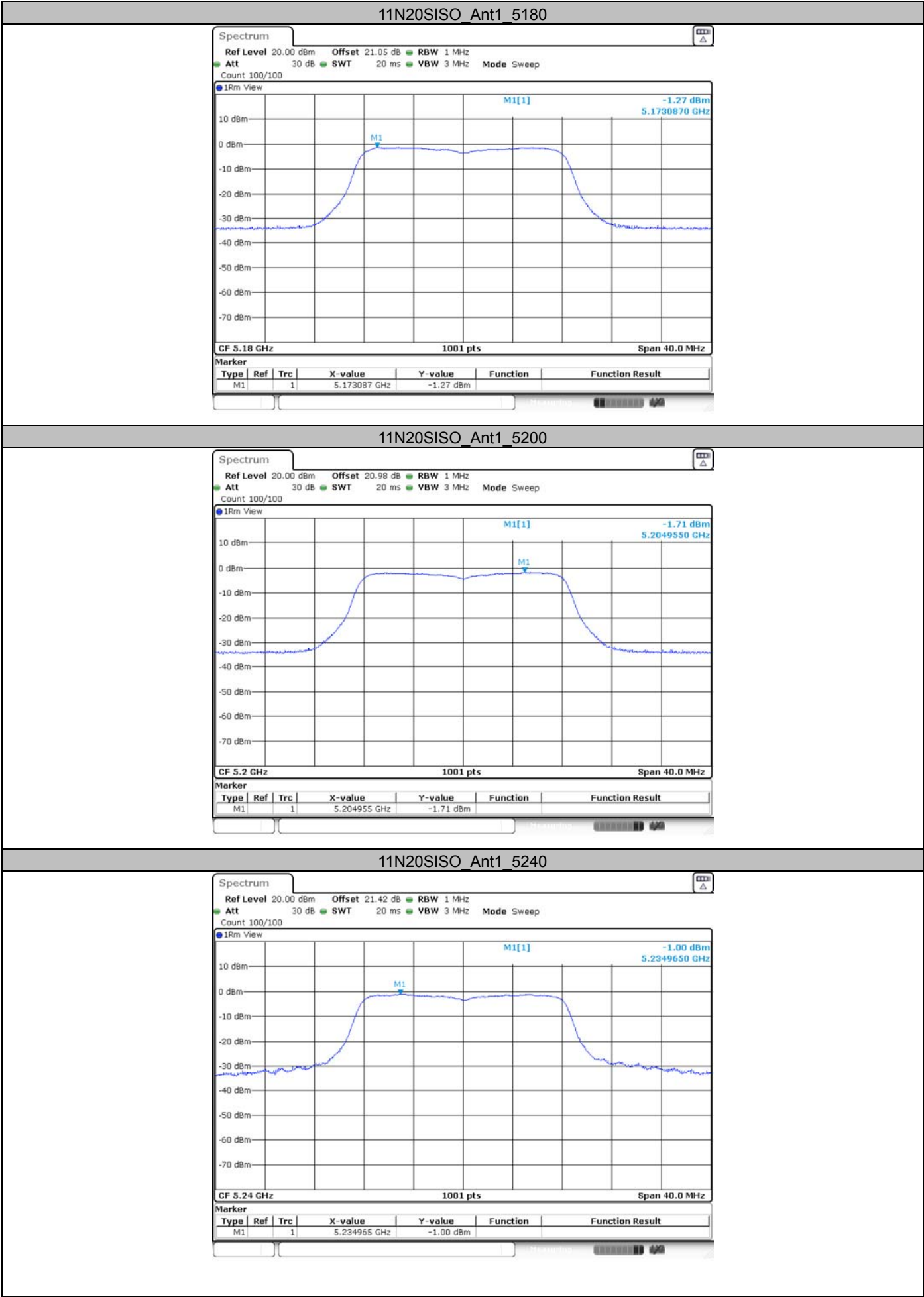


## 11A\_Ant1\_5785

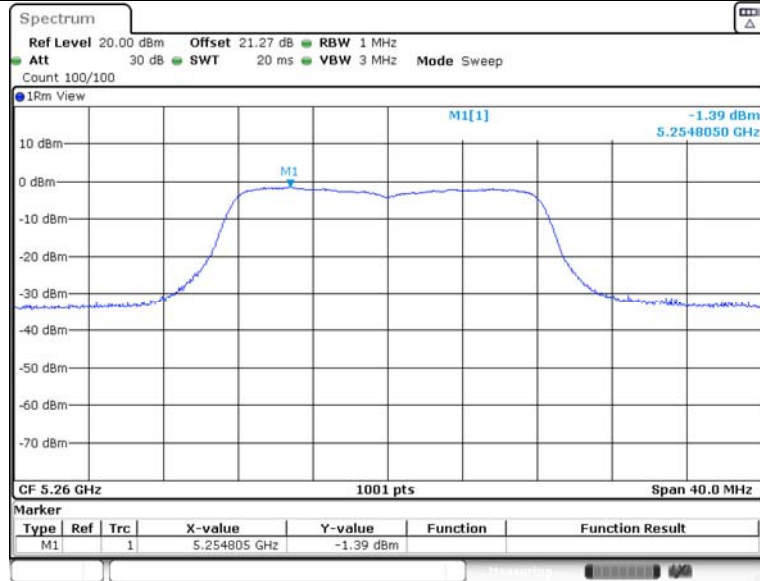


## 11A\_Ant1\_5825

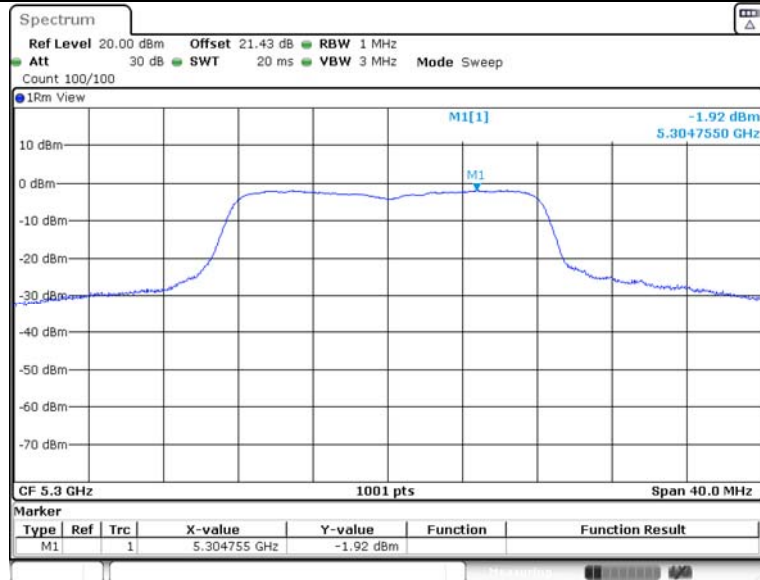




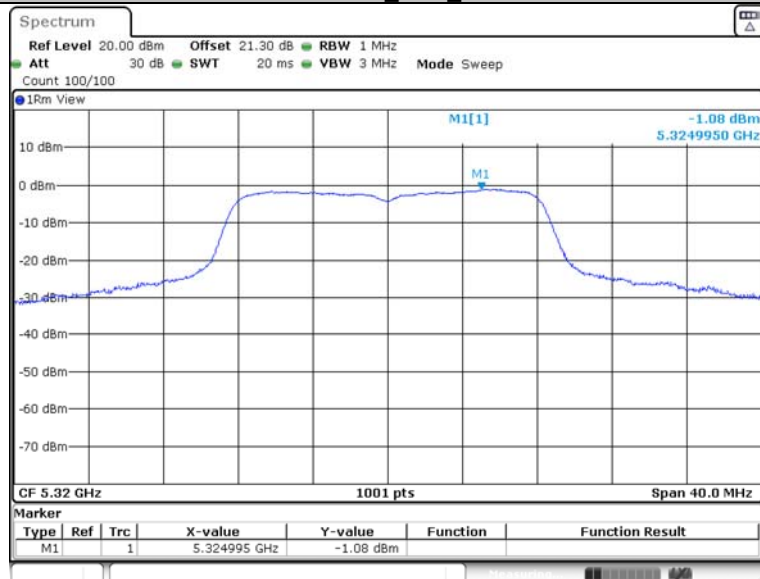
## 11N20SISO\_Ant1\_5260



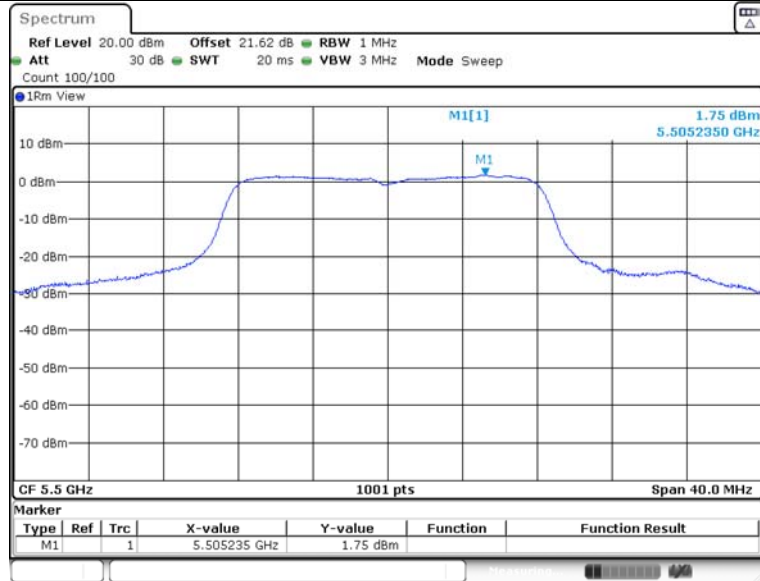
## 11N20SISO\_Ant1\_5300



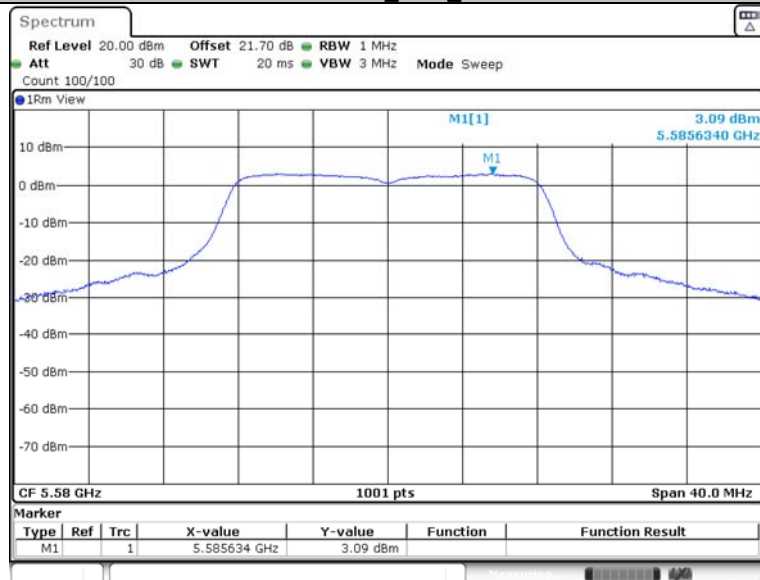
## 11N20SISO\_Ant1\_5320



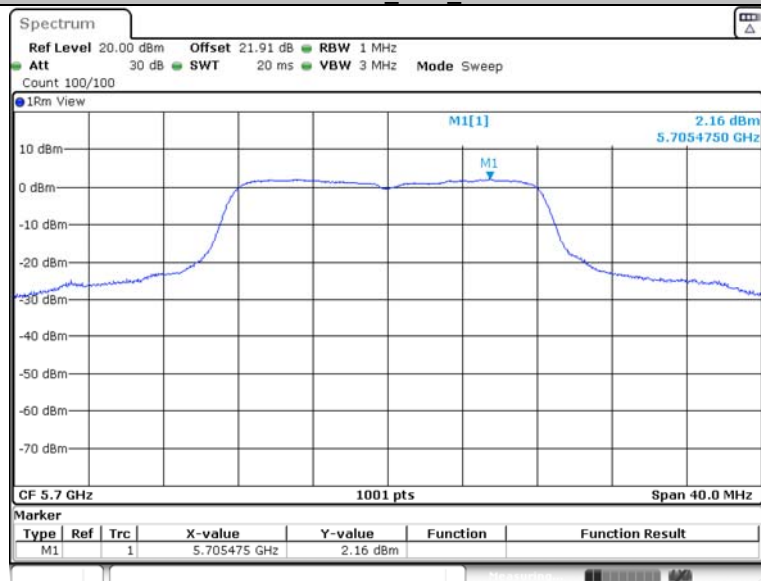
## 11N20SISO\_Ant1\_5500

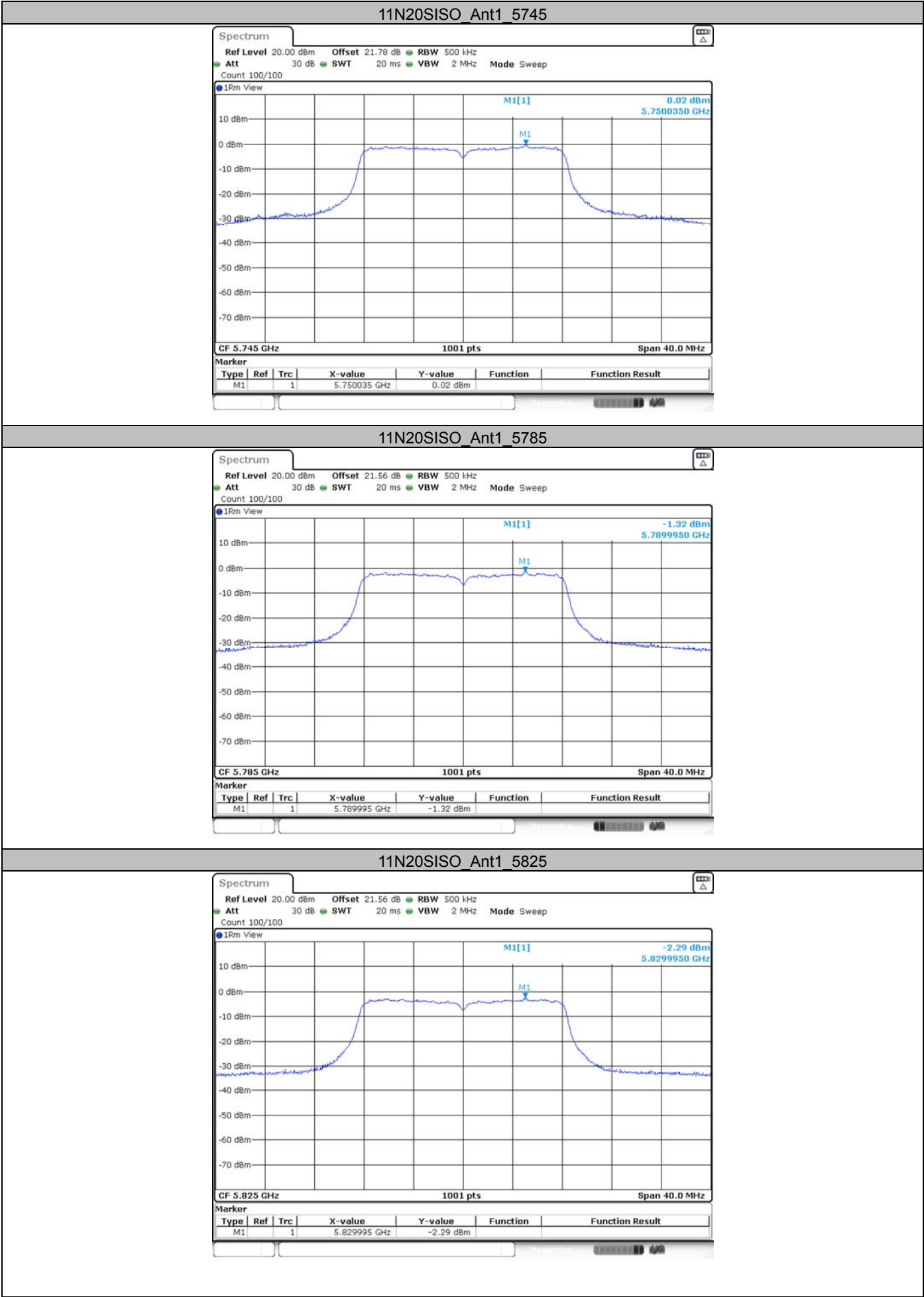


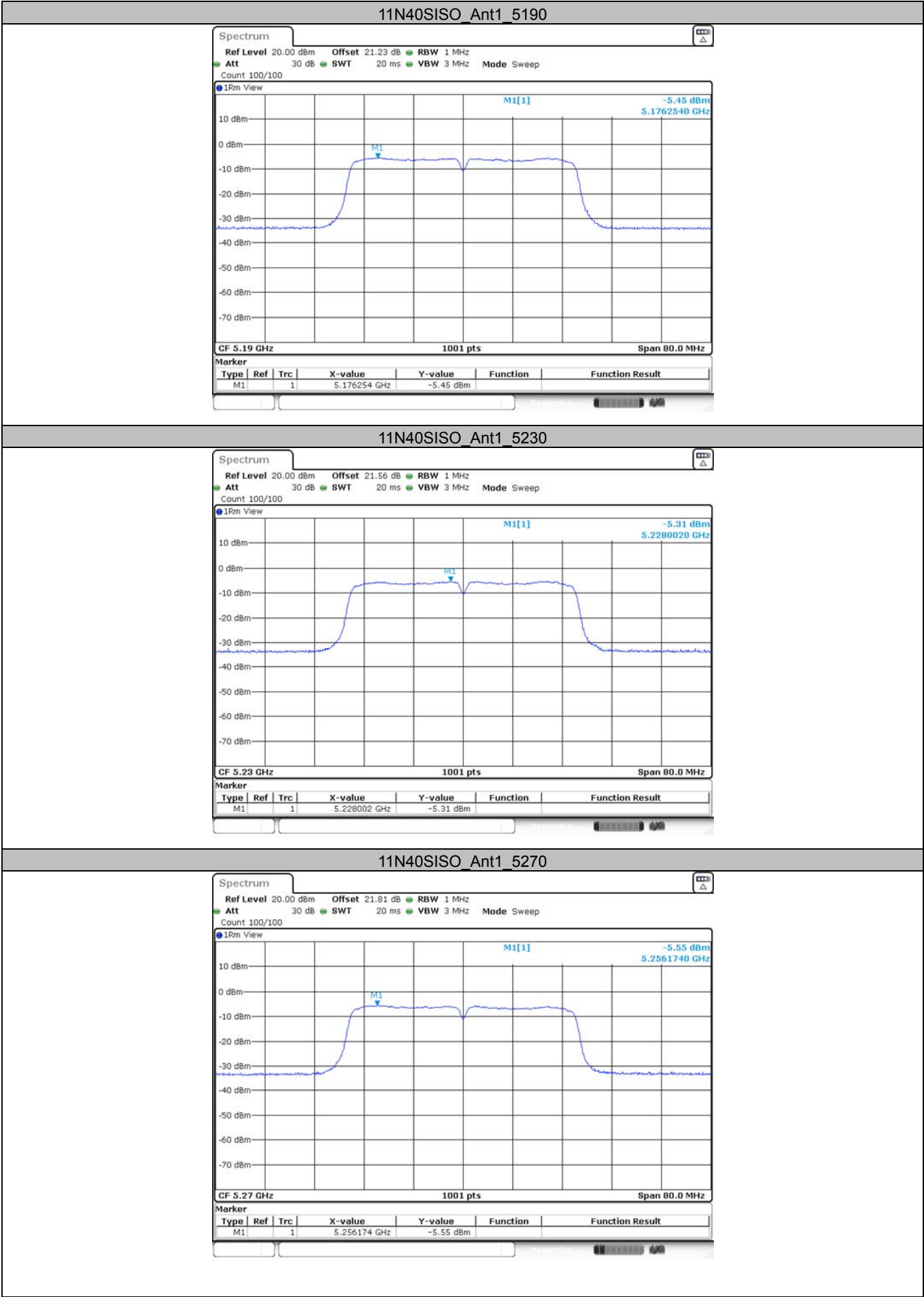
## 11N20SISO\_Ant1\_5580



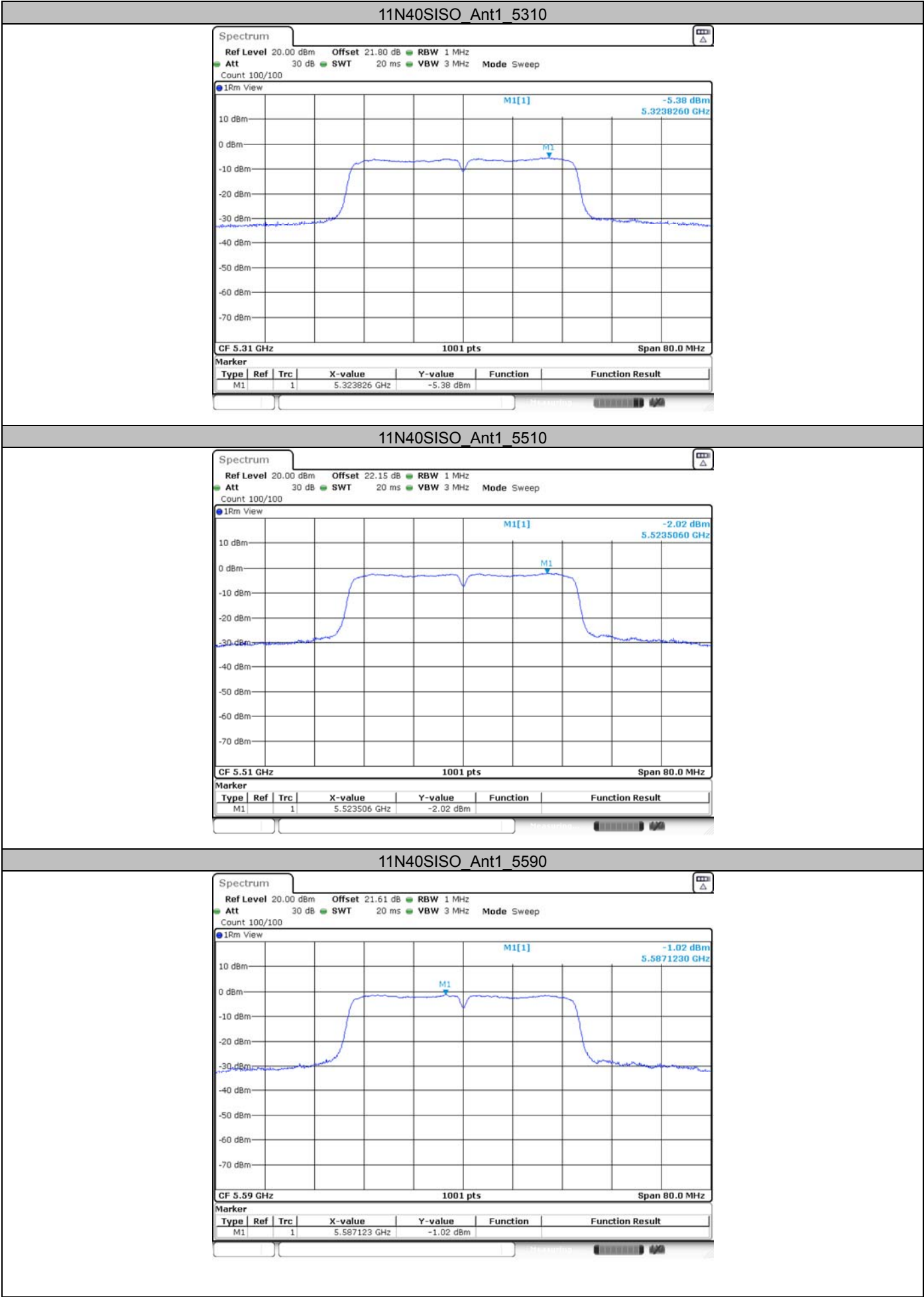
## 11N20SISO\_Ant1\_5700

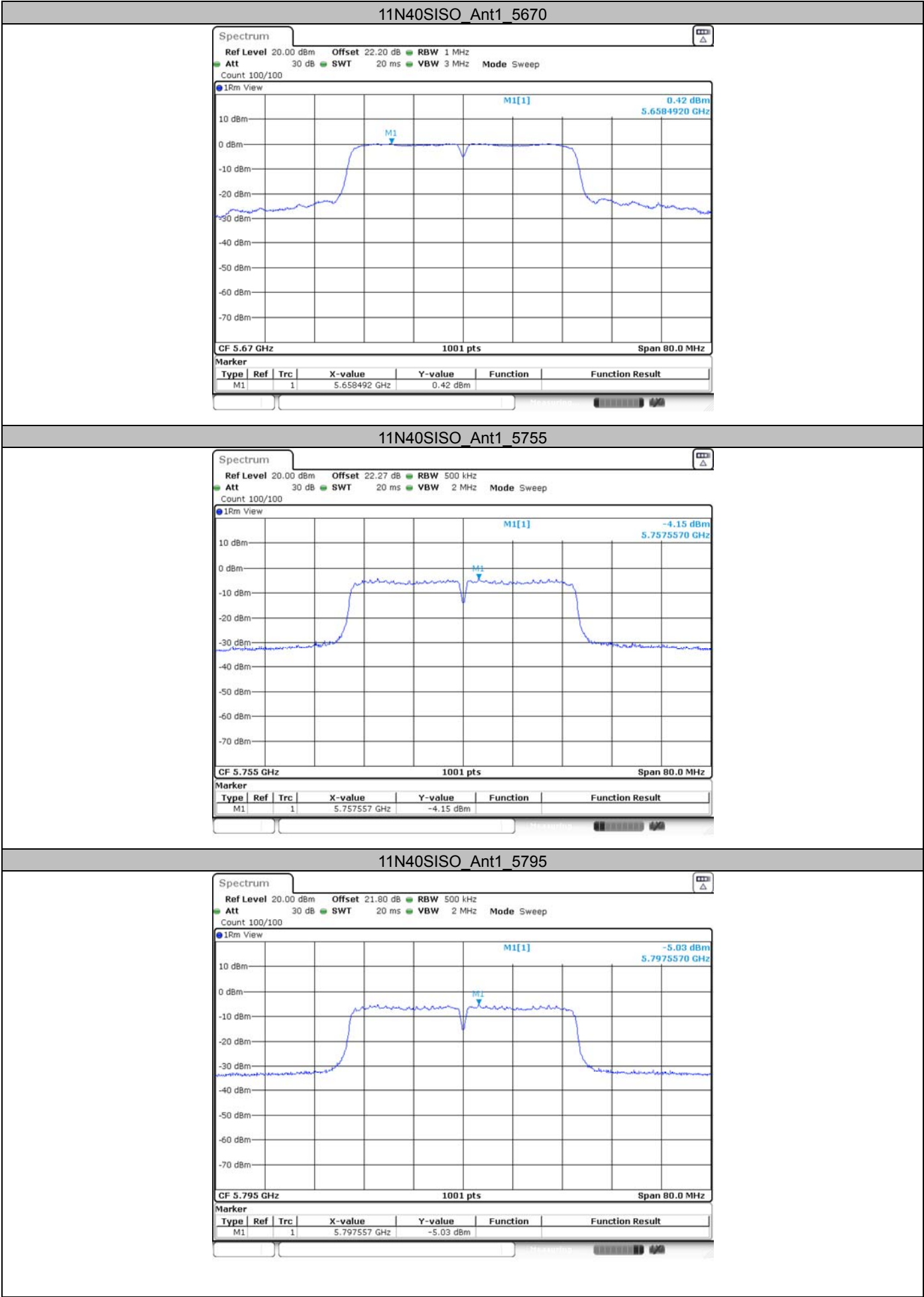




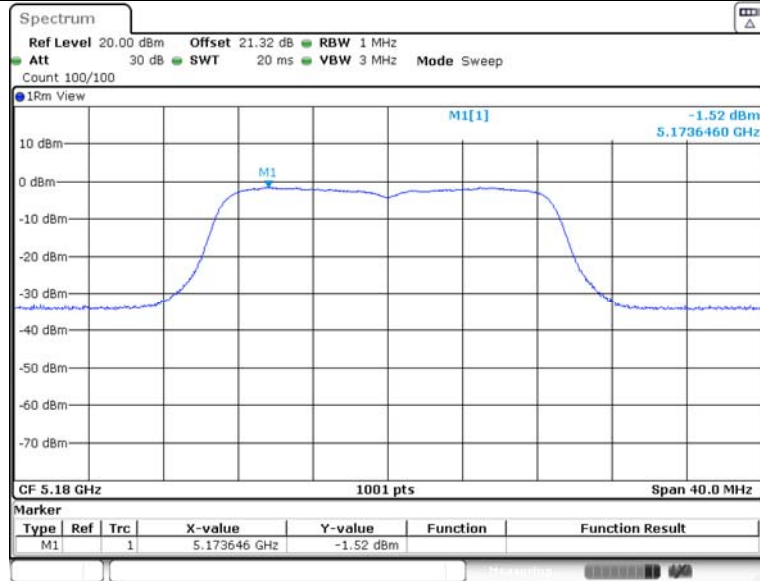




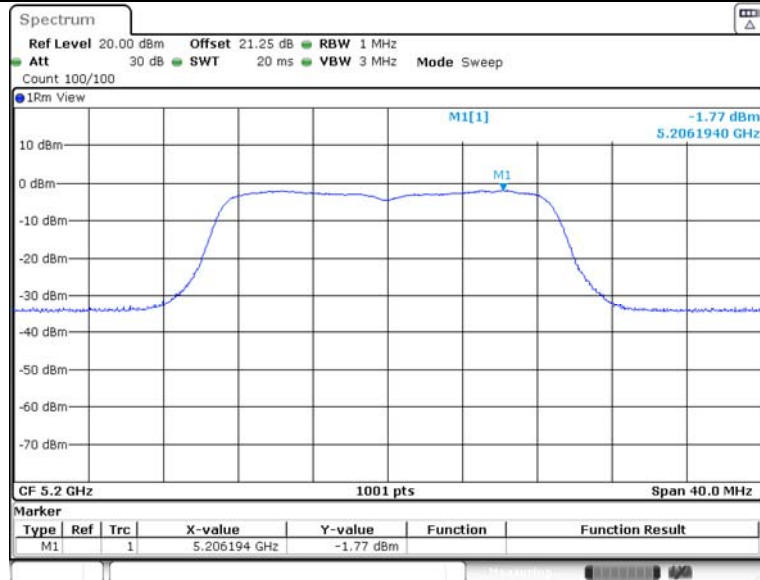




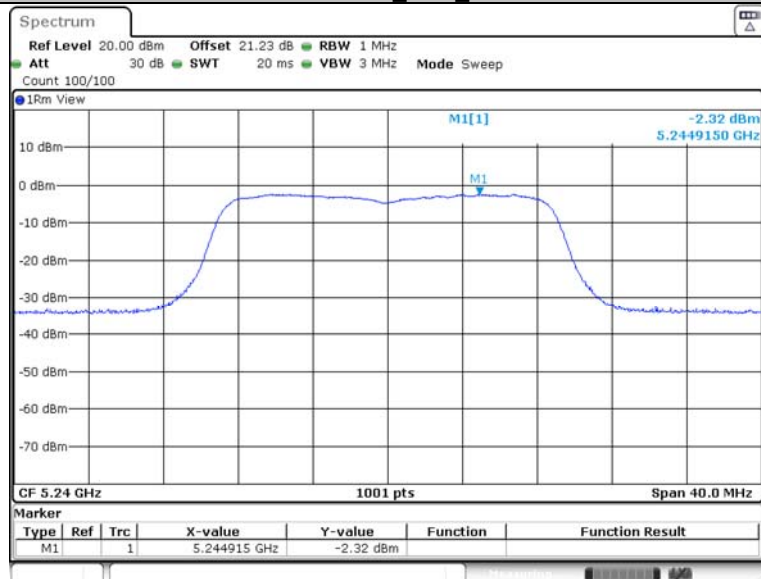
## 11AC20SISO\_Ant1\_5180



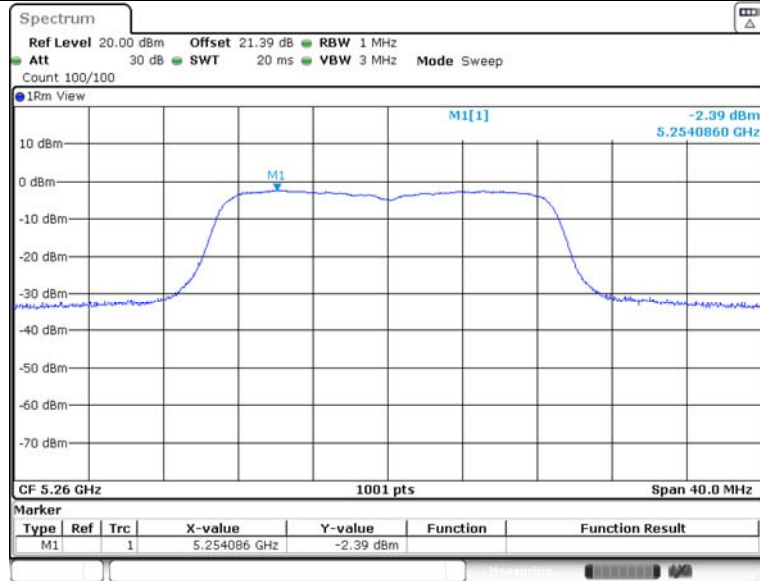
## 11AC20SISO\_Ant1\_5200



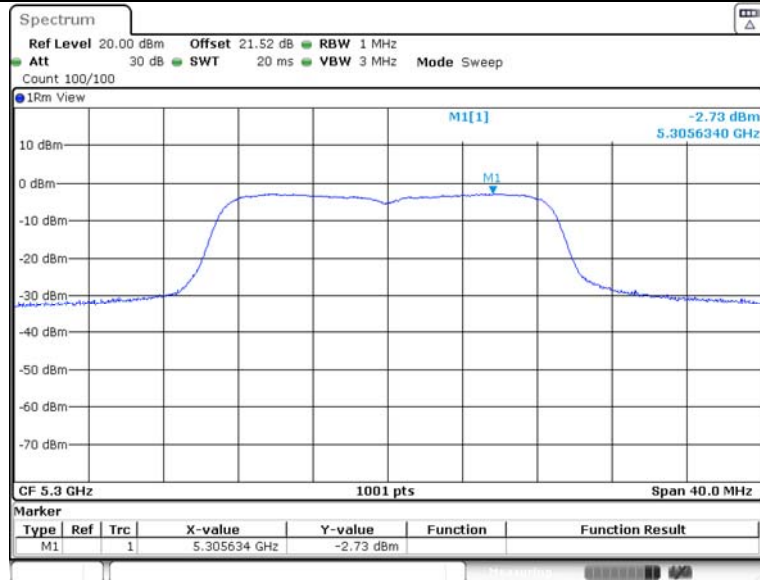
## 11AC20SISO\_Ant1\_5240



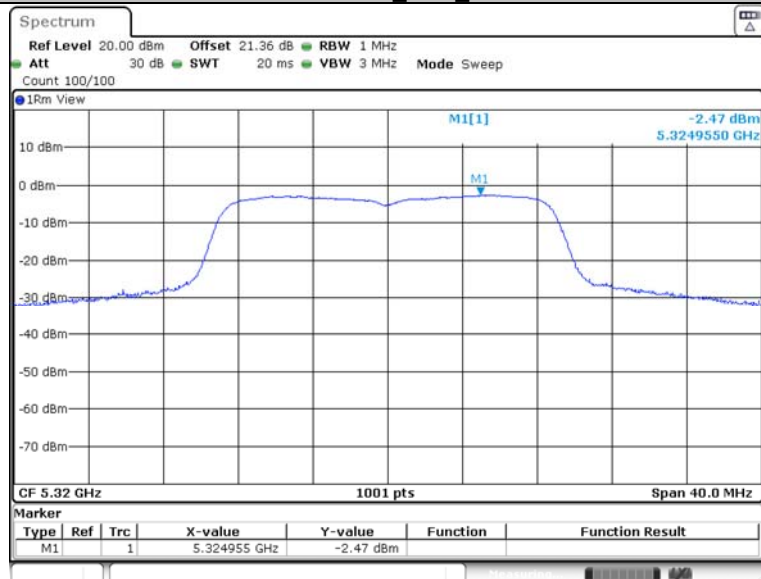
## 11AC20SISO\_Ant1\_5260

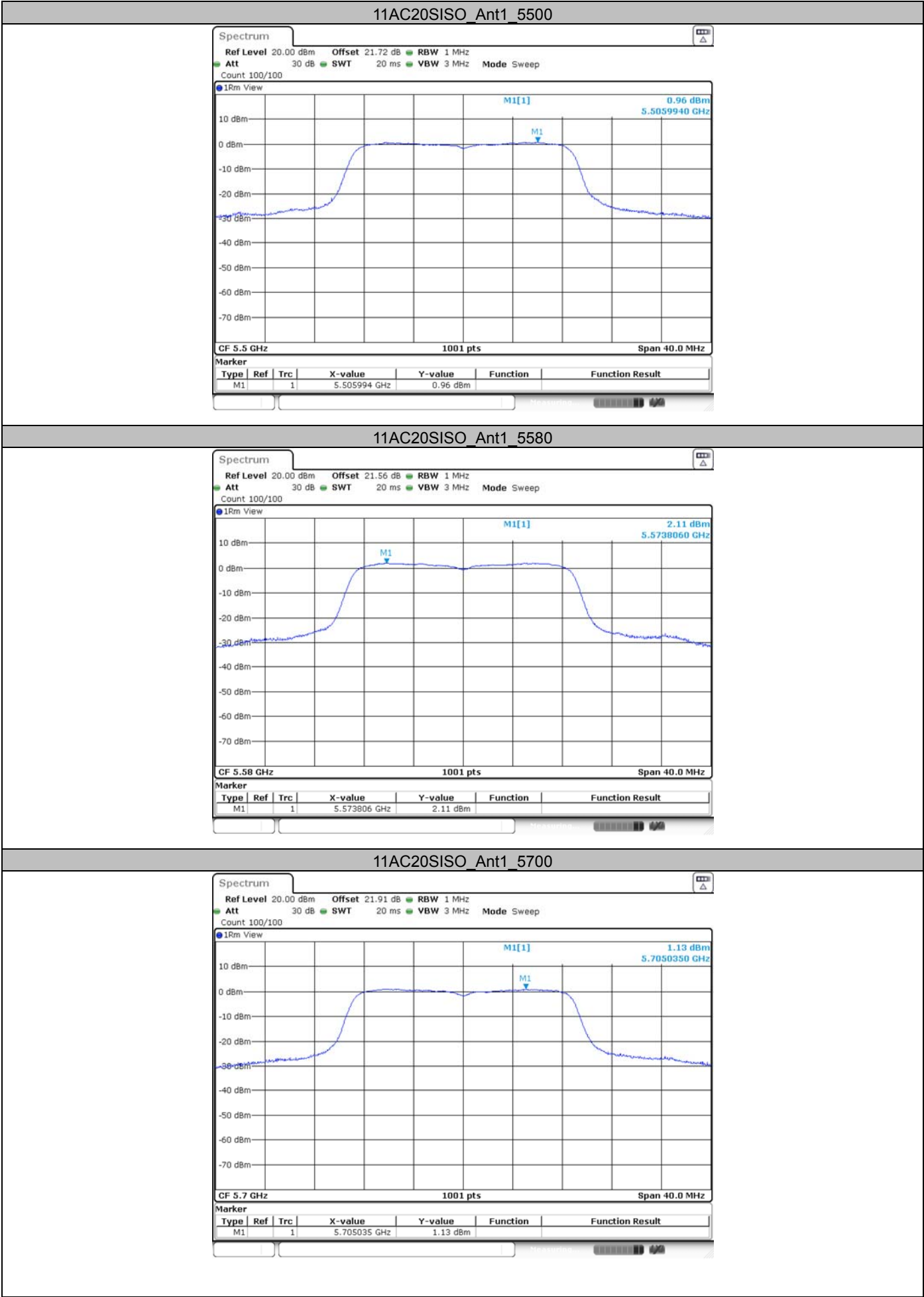


## 11AC20SISO\_Ant1\_5300

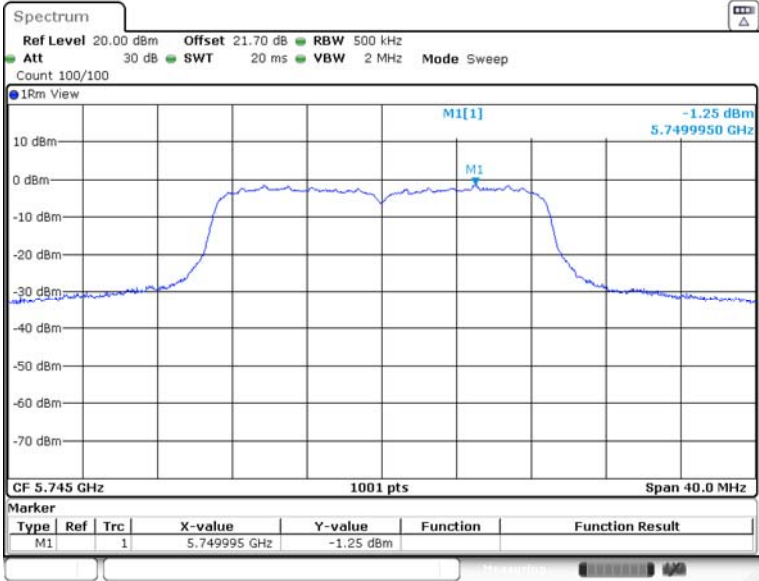


## 11AC20SISO\_Ant1\_5320

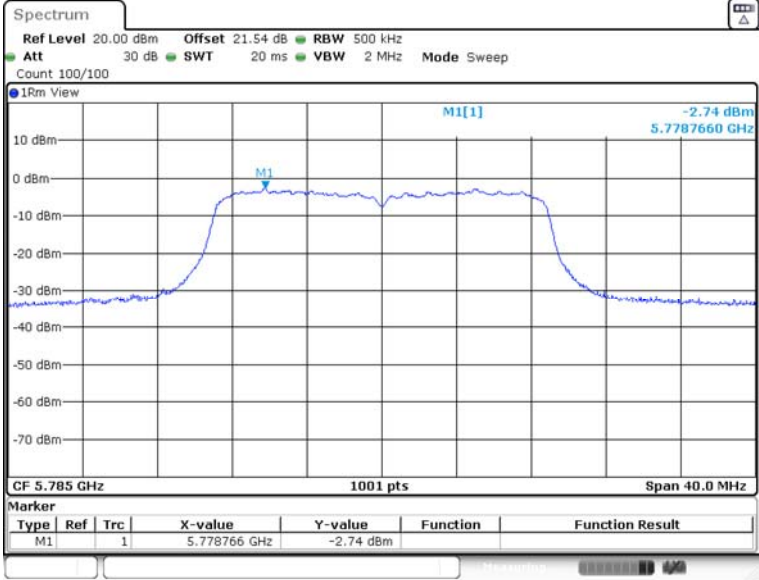




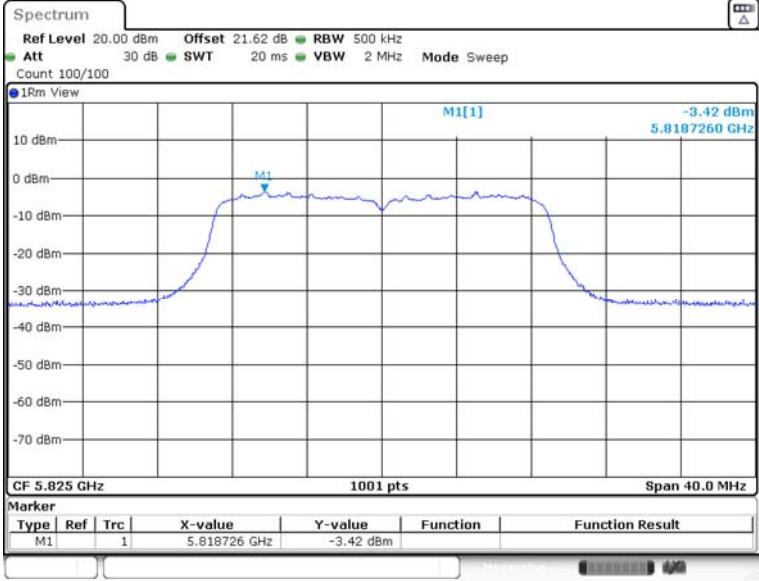
11AC20SISO\_Ant1\_5745



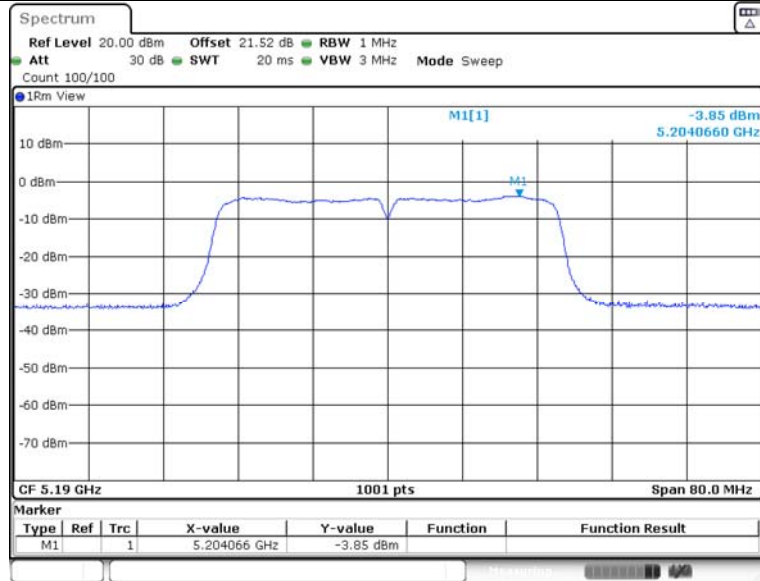
11AC20SISO\_Ant1\_5785



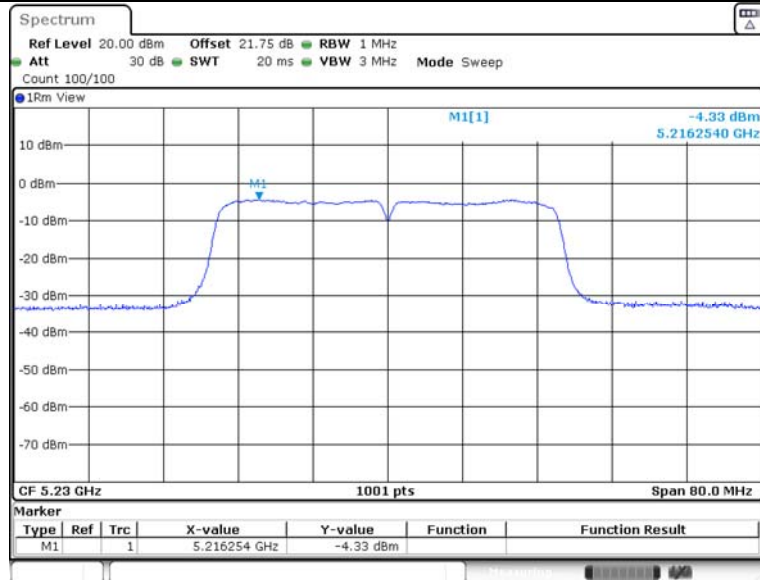
11AC20SISO\_Ant1\_5825



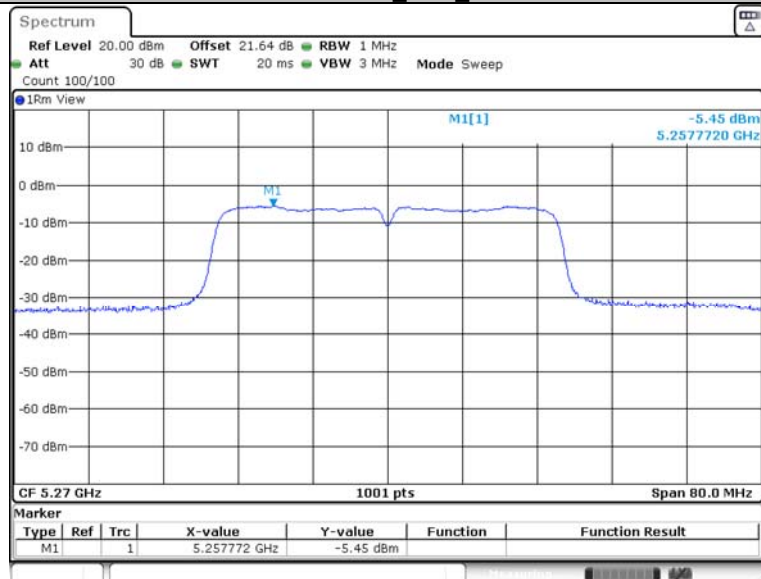
## 11AC40SISO\_Ant1\_5190



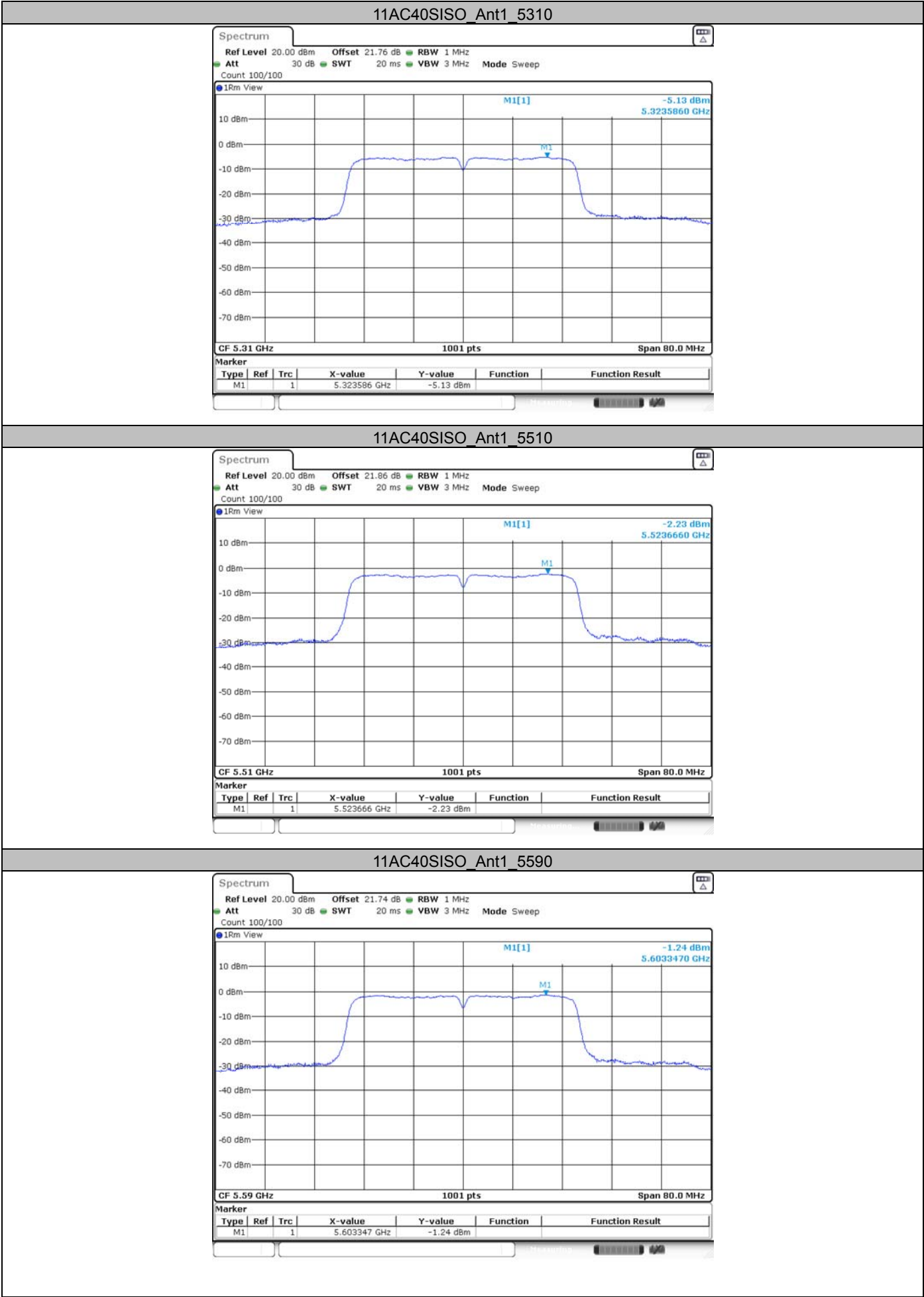
## 11AC40SISO\_Ant1\_5230



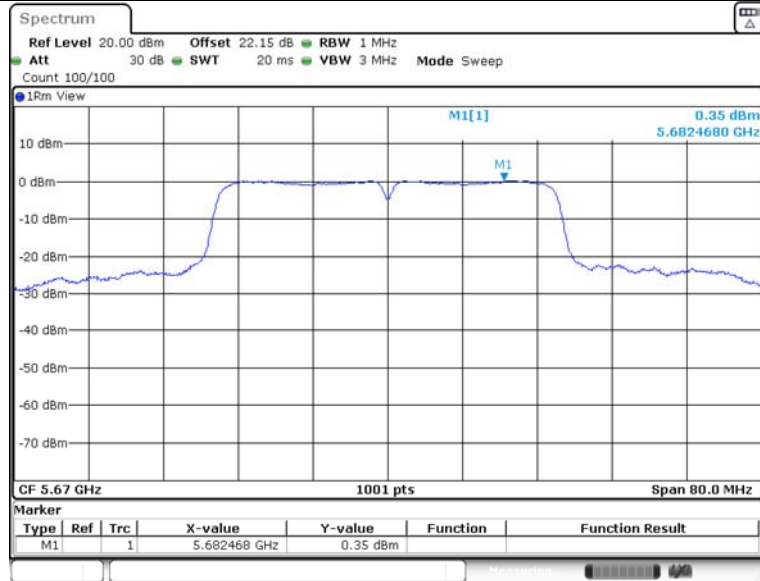
## 11AC40SISO\_Ant1\_5270



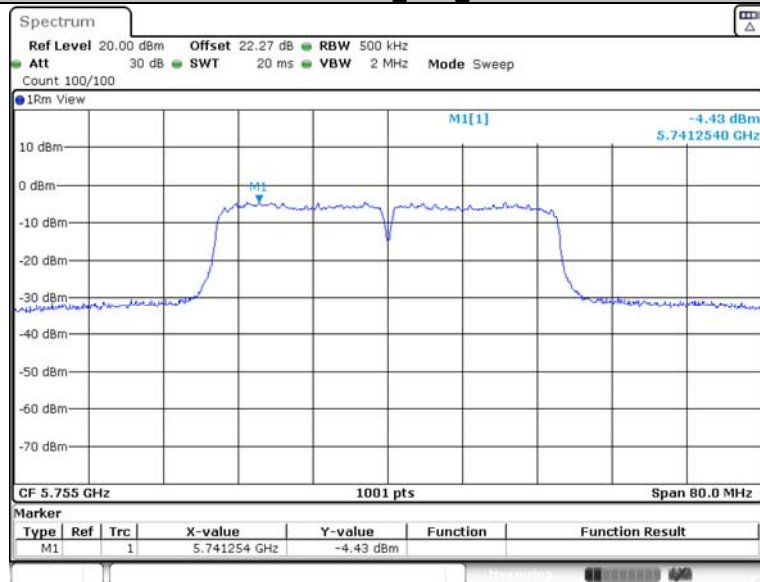




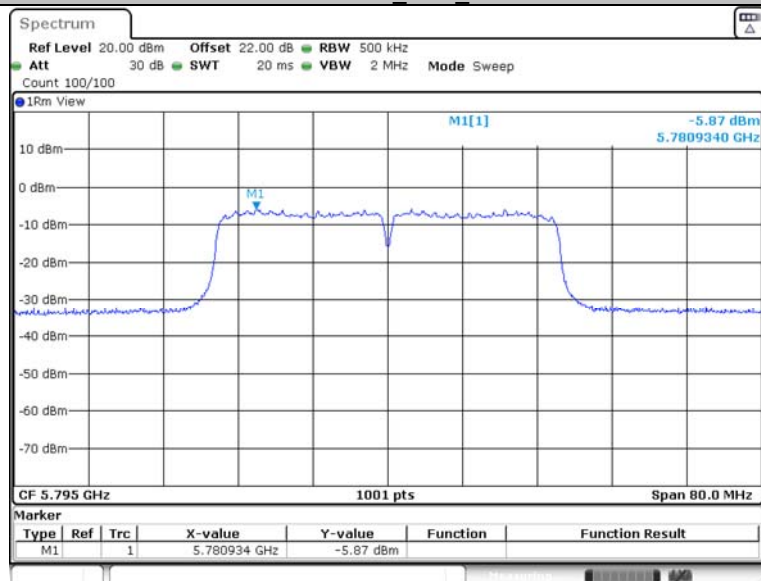
## 11AC40SISO\_Ant1\_5670

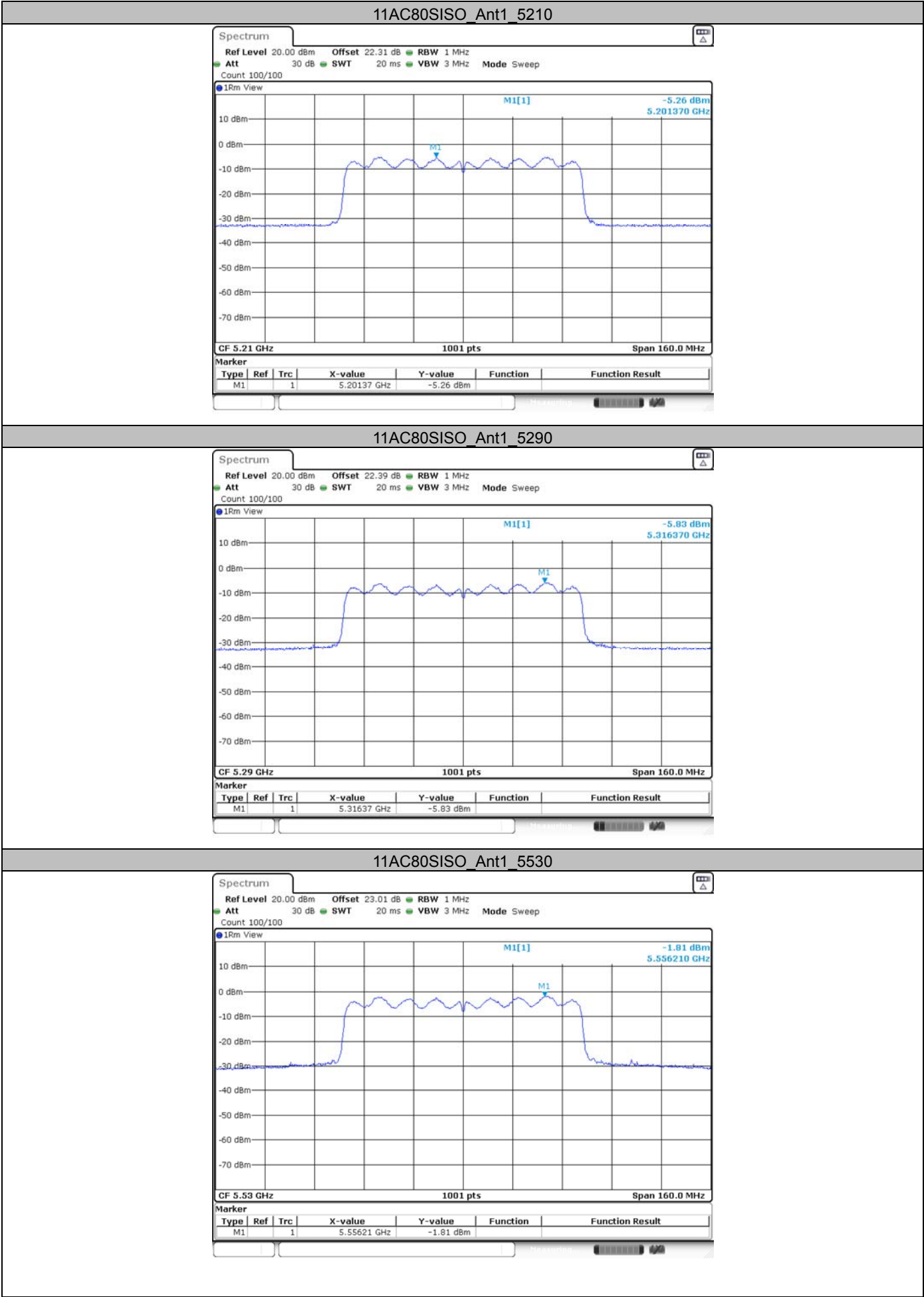


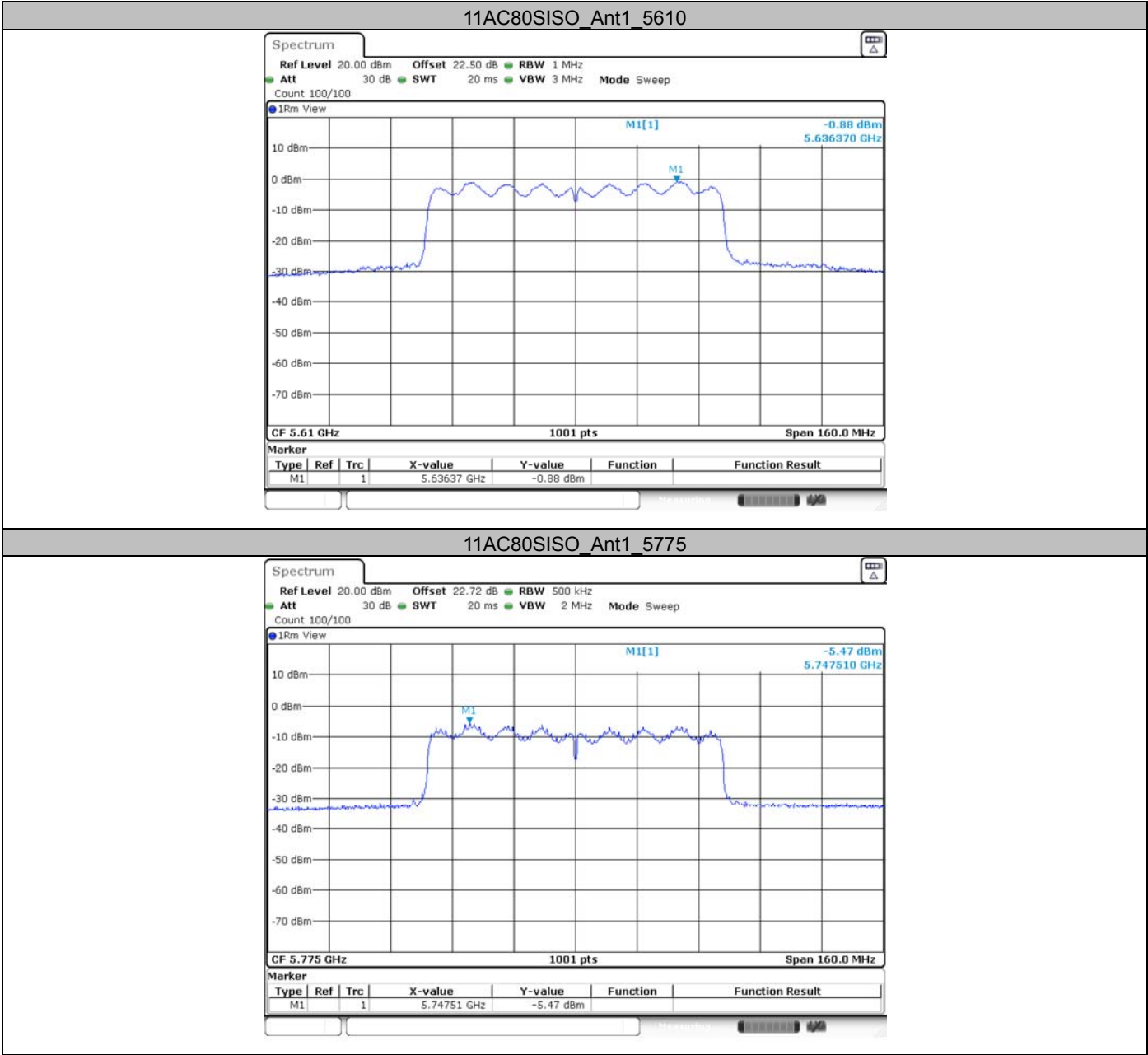
## 11AC40SISO\_Ant1\_5755



## 11AC40SISO\_Ant1\_5795





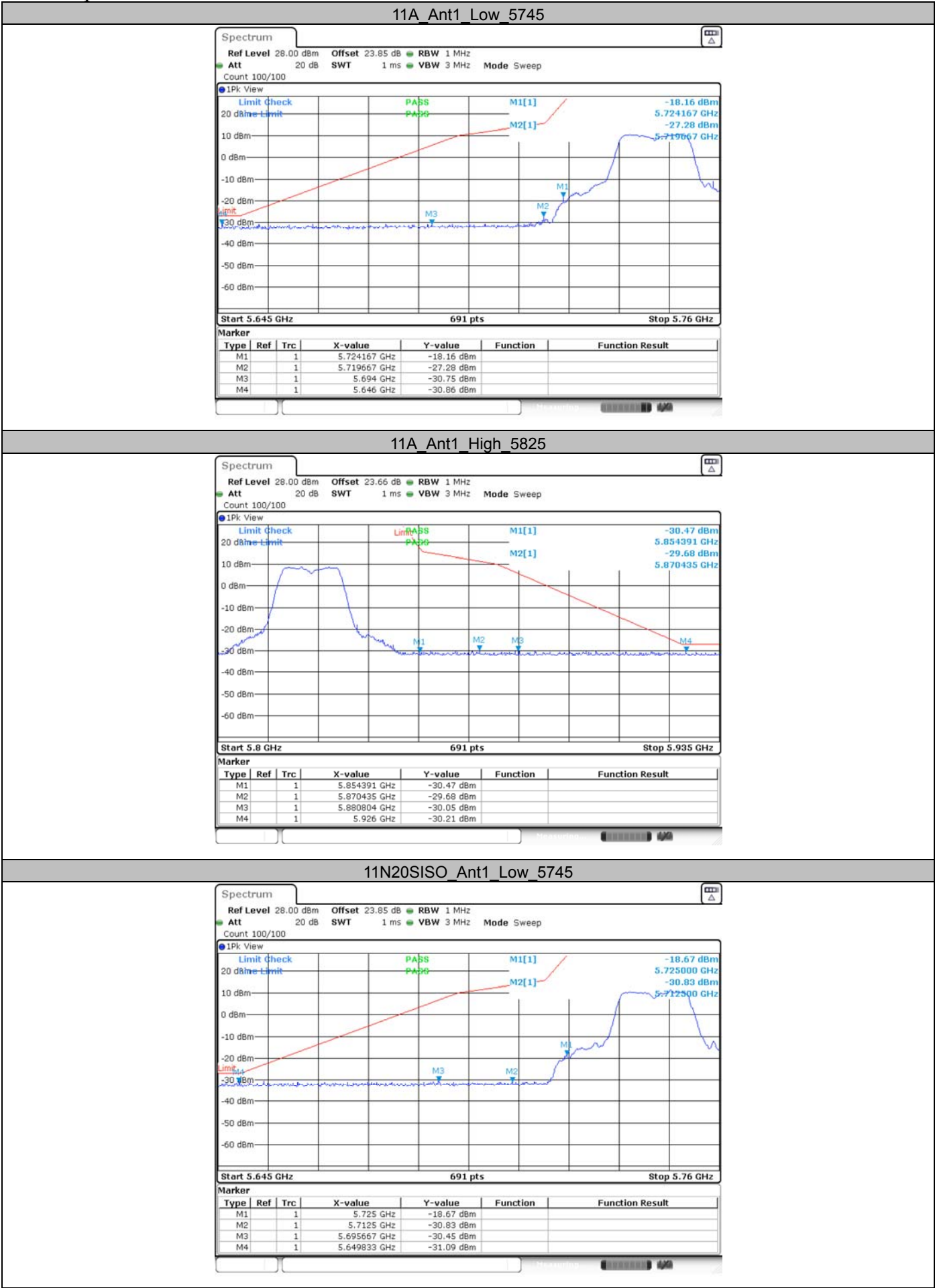


## Appendix G: Band edge measurements

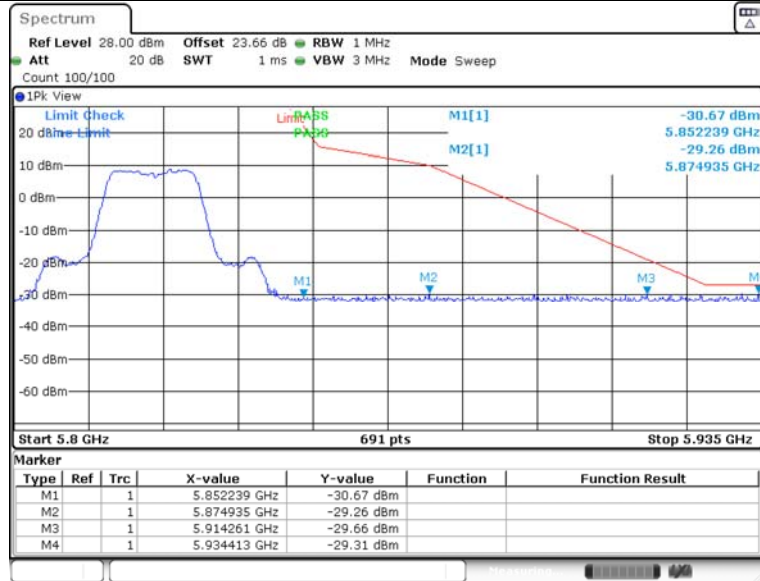
## Test Result B4

| Test Mode  | Antenna | Ch Name | Frequency [MHz] | Freq Range [MHz] | Result [dBm] | Limit [dBm] | Verdict |
|------------|---------|---------|-----------------|------------------|--------------|-------------|---------|
| 11A        | Ant1    | Low     | 5745            | 5650~5700        | -30.75       | ≤5.56       | PASS    |
|            |         |         |                 | 5700~5720        | -27.28       | ≤15.51      | PASS    |
|            |         |         |                 | 5720~5725        | -18.16       | ≤25.10      | PASS    |
|            |         |         |                 | 5760~5650        | -30.86       | ≤-27        | PASS    |
|            |         | High    | 5825            | 5850~5855        | -30.47       | ≤25.61      | PASS    |
|            |         |         |                 | 5855~5875        | -29.68       | ≤14.32      | PASS    |
|            |         |         |                 | 5875~5925        | -30.05       | ≤-22.71     | PASS    |
|            |         |         |                 | 5925~5935        | -30.21       | ≤-27        | PASS    |
| 11N20SISO  | Ant1    | Low     | 5745            | 5650~5700        | -30.45       | ≤6.79       | PASS    |
|            |         |         |                 | 5700~5720        | -30.83       | ≤13.50      | PASS    |
|            |         |         |                 | 5720~5725        | -18.67       | ≤27.00      | PASS    |
|            |         |         |                 | 5760~5650        | -31.09       | ≤-27        | PASS    |
|            |         | High    | 5825            | 5850~5855        | -30.67       | ≤20.70      | PASS    |
|            |         |         |                 | 5855~5875        | -29.26       | ≤15.58      | PASS    |
|            |         |         |                 | 5875~5925        | -29.66       | ≤2.05       | PASS    |
|            |         |         |                 | 5925~5935        | -29.31       | ≤-27        | PASS    |
| 11N40SISO  | Ant1    | Low     | 5755            | 5650~5700        | -30.54       | ≤-1.74      | PASS    |
|            |         |         |                 | 5700~5720        | -22.28       | ≤15.14      | PASS    |
|            |         |         |                 | 5720~5725        | -21.36       | ≤17.68      | PASS    |
|            |         |         |                 | 5780~5650        | -30.59       | ≤-27        | PASS    |
|            |         | High    | 5795            | 5850~5855        | -30.28       | ≤19.67      | PASS    |
|            |         |         |                 | 5855~5875        | -30.03       | ≤10.30      | PASS    |
|            |         |         |                 | 5875~5925        | -29.82       | ≤-20.82     | PASS    |
|            |         |         |                 | 5925~5935        | -30.75       | ≤-27        | PASS    |
| 11AC20SISO | Ant1    | Low     | 5745            | 5650~5700        | -30.68       | ≤3.96       | PASS    |
|            |         |         |                 | 5700~5720        | -29.06       | ≤15.51      | PASS    |
|            |         |         |                 | 5720~5725        | -20.37       | ≤27.00      | PASS    |
|            |         |         |                 | 5760~5650        | -31.13       | ≤-27        | PASS    |
|            |         | High    | 5825            | 5850~5855        | -30.62       | ≤15.80      | PASS    |
|            |         |         |                 | 5855~5875        | -29.72       | ≤12.13      | PASS    |
|            |         |         |                 | 5875~5925        | -29.6        | ≤-16.77     | PASS    |
|            |         |         |                 | 5925~5935        | -30.03       | ≤-27        | PASS    |
| 11AC40SISO | Ant1    | Low     | 5755            | 5650~5700        | -30.92       | ≤6.65       | PASS    |
|            |         |         |                 | 5700~5720        | -20.72       | ≤15.25      | PASS    |
|            |         |         |                 | 5720~5725        | -20.55       | ≤25.26      | PASS    |
|            |         |         |                 | 5780~5650        | -30.75       | ≤-27        | PASS    |
|            |         | High    | 5795            | 5850~5855        | -30.01       | ≤26.75      | PASS    |
|            |         |         |                 | 5855~5875        | -30.21       | ≤14.32      | PASS    |
|            |         |         |                 | 5875~5925        | -30.05       | ≤-7.91      | PASS    |
|            |         |         |                 | 5925~5935        | -30.17       | ≤-27        | PASS    |
| 11AC80SISO | Ant1    | Low     | 5775            | 5650~5700        | -26.52       | ≤-0.94      | PASS    |
|            |         |         |                 | 5700~5720        | -24.99       | ≤15.48      | PASS    |
|            |         |         |                 | 5720~5725        | -22.41       | ≤25.40      | PASS    |
|            |         |         |                 | 5800~5650        | -32.04       | ≤-27        | PASS    |
|            |         | High    | 5775            | 5850~5855        | -27.81       | ≤16.23      | PASS    |
|            |         |         |                 | 5855~5875        | -26.86       | ≤11.83      | PASS    |
|            |         |         |                 | 5875~5925        | -30.53       | ≤7.28       | PASS    |
|            |         |         |                 | 5925~5935        | -30.8        | ≤-27        | PASS    |

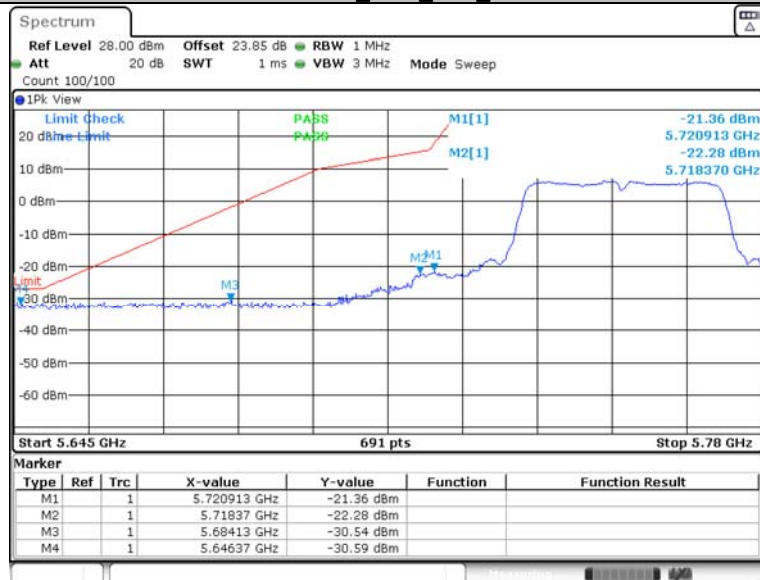
Test Graphs B4



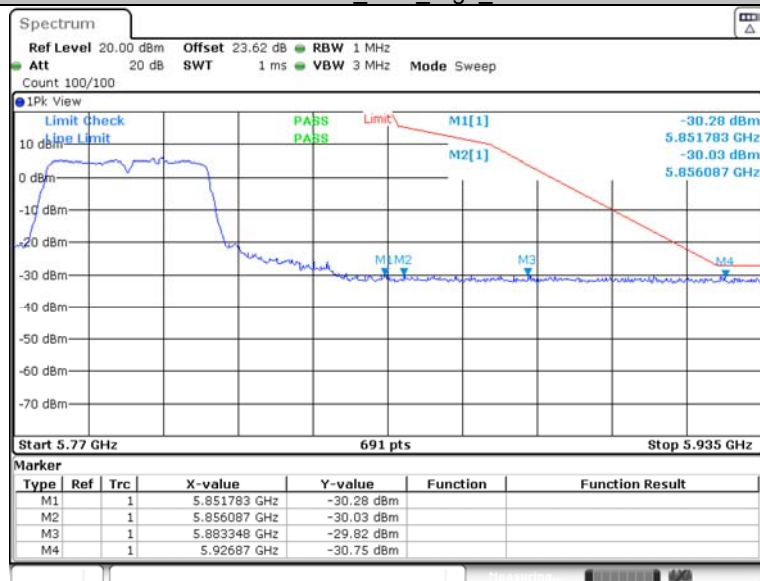
## 11N20SISO\_Ant1\_High\_5825



## 11N40SISO\_Ant1\_Low\_5755



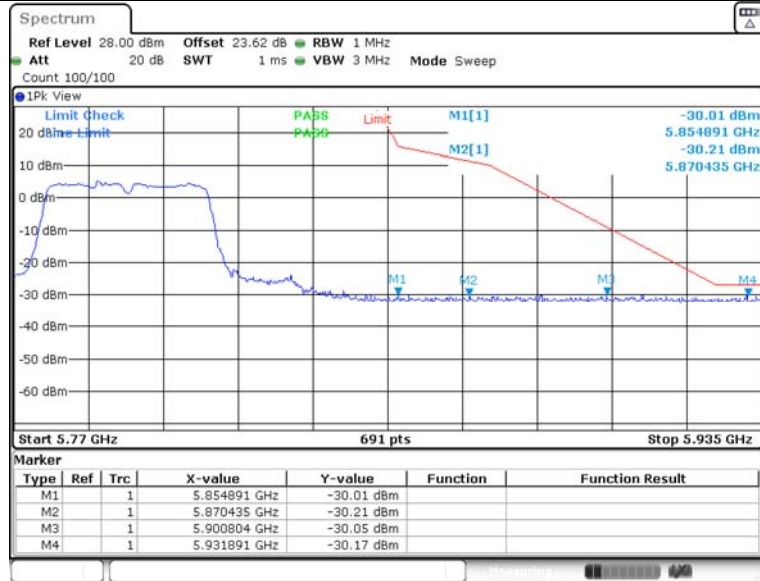
## 11N40SISO\_Ant1\_High\_5795



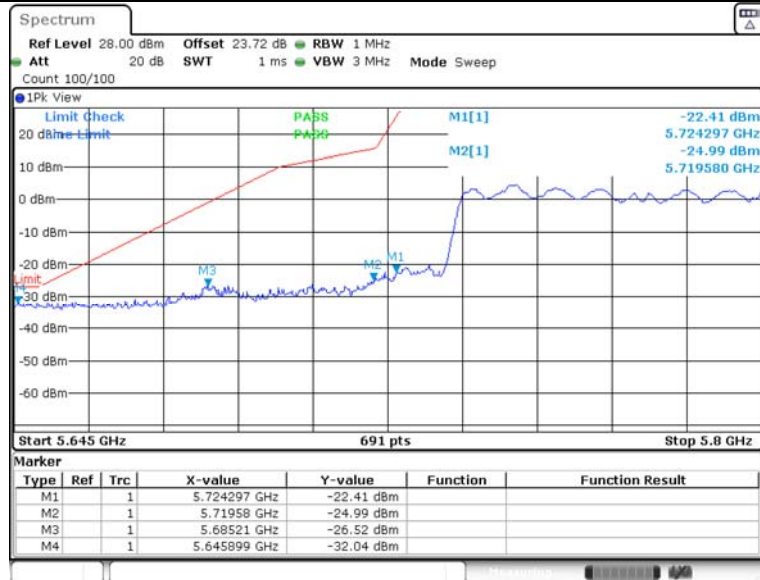




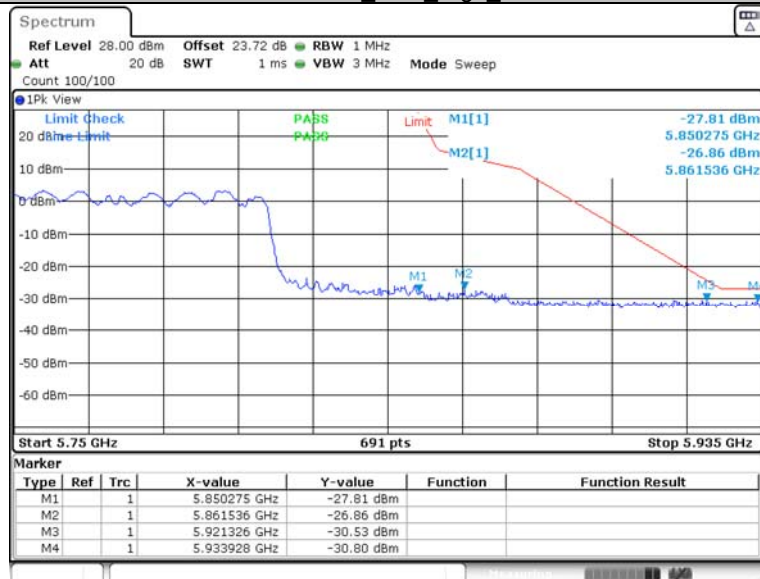
## 11AC40SISO\_Ant1\_High\_5795



## 11AC80SISO\_Ant1\_Low\_5775



## 11AC80SISO\_Ant1\_High\_5775



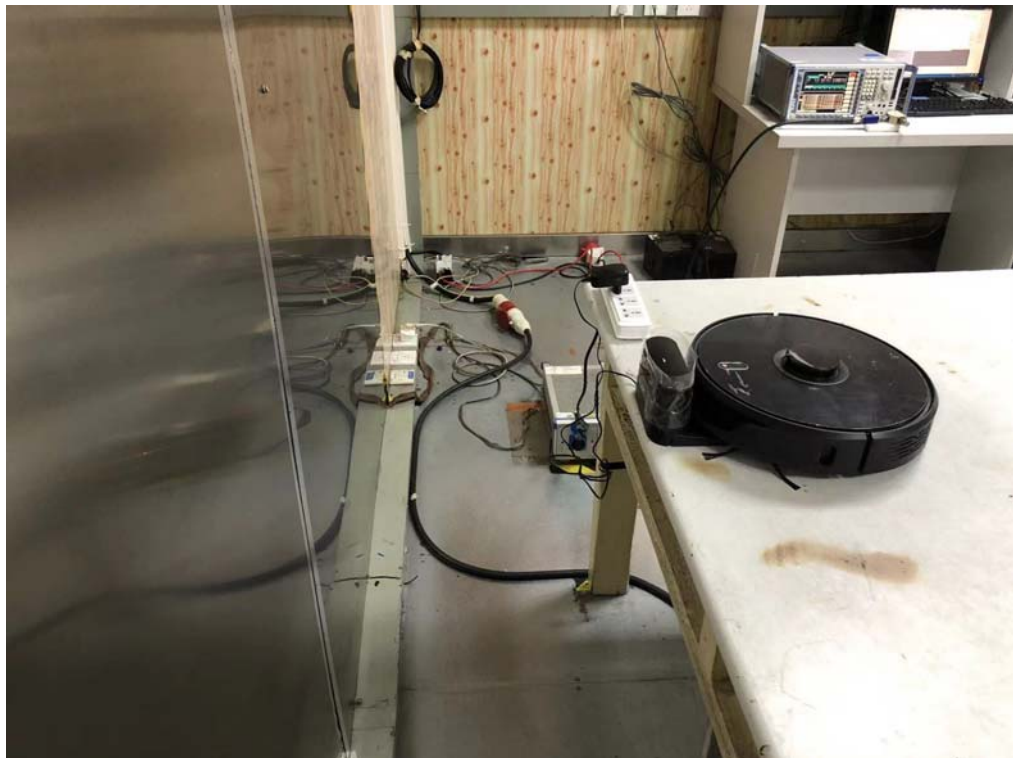
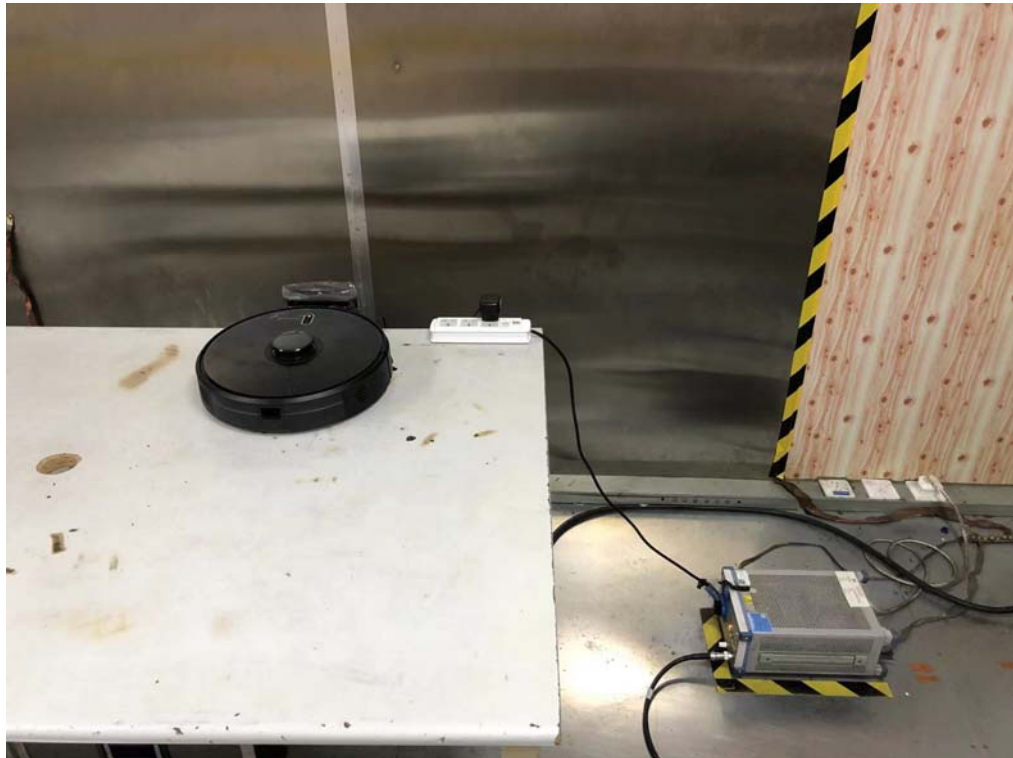
# Appendix H: Frequency Stability Test Result

| Voltage   |         |                 |               |                  |                |                 |             |         |
|-----------|---------|-----------------|---------------|------------------|----------------|-----------------|-------------|---------|
| Test Mode | Antenna | Frequency[M Hz] | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| 11A       | Ant1    | 5180            | NV            | NT               | -40000.00      | -7.722008       | 20          | PASS    |
|           |         |                 | LV            | NT               | -20000.00      | -3.861004       | 20          | PASS    |
|           |         |                 | HV            | NT               | -40000.00      | -7.722008       | 20          | PASS    |
|           |         | 5260            | NV            | NT               | -40000.00      | -7.604563       | 20          | PASS    |
|           |         |                 | LV            | NT               | 0.00           | 0.000000        | 20          | PASS    |
|           |         |                 | HV            | NT               | -40000.00      | -7.604563       | 20          | PASS    |
|           |         | 5500            | NV            | NT               | 0.00           | 0.000000        | 20          | PASS    |
|           |         |                 | LV            | NT               | -20000.00      | -3.636364       | 20          | PASS    |
|           |         |                 | HV            | NT               | -20000.00      | -3.636364       | 20          | PASS    |
|           |         | 5745            | NV            | NT               | -20000.00      | -3.481288       | 20          | PASS    |
|           |         |                 | LV            | NT               | -20000.00      | -3.481288       | 20          | PASS    |
|           |         |                 | HV            | NT               | 0.00           | 0.000000        | 20          | PASS    |

| Temperature |         |                 |               |                  |                |                 |             |         |
|-------------|---------|-----------------|---------------|------------------|----------------|-----------------|-------------|---------|
| Test Mode   | Antenna | Frequency[M Hz] | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| 11A         | Ant1    | 5180            | NV            | -30              | -20000.00      | -3.861004       | 20          | PASS    |
|             |         |                 | NV            | -20              | -20000.00      | -3.861004       | 20          | PASS    |
|             |         |                 | NV            | -10              | -20000.00      | -3.861004       | 20          | PASS    |
|             |         |                 | NV            | 0                | -20000.00      | -3.861004       | 20          | PASS    |
|             |         |                 | NV            | 10               | -40000.00      | -7.722008       | 20          | PASS    |
|             |         |                 | NV            | 20               | -40000.00      | -7.722008       | 20          | PASS    |
|             |         |                 | NV            | 30               | -40000.00      | -7.722008       | 20          | PASS    |
|             |         |                 | NV            | 40               | -20000.00      | -3.861004       | 20          | PASS    |
|             |         |                 | NV            | 50               | -20000.00      | -3.861004       | 20          | PASS    |
|             |         | 5260            | NV            | -30              | -40000.00      | -7.604563       | 20          | PASS    |
|             |         |                 | NV            | -20              | -40000.00      | -7.604563       | 20          | PASS    |
|             |         |                 | NV            | -10              | -20000.00      | -3.802281       | 20          | PASS    |
|             |         |                 | NV            | 0                | -20000.00      | -3.802281       | 20          | PASS    |
|             |         |                 | NV            | 10               | -20000.00      | -3.802281       | 20          | PASS    |
|             |         |                 | NV            | 20               | -20000.00      | -3.802281       | 20          | PASS    |
|             |         |                 | NV            | 30               | -40000.00      | -7.604563       | 20          | PASS    |
|             |         |                 | NV            | 40               | -40000.00      | -7.604563       | 20          | PASS    |
|             |         |                 | NV            | 50               | -20000.00      | -3.802281       | 20          | PASS    |
|             |         | 5500            | NV            | -30              | -40000.00      | -7.272727       | 20          | PASS    |
|             |         |                 | NV            | -20              | -20000.00      | -3.636364       | 20          | PASS    |
|             |         |                 | NV            | -10              | -40000.00      | -7.272727       | 20          | PASS    |
|             |         |                 | NV            | 0                | -20000.00      | -3.636364       | 20          | PASS    |
|             |         |                 | NV            | 10               | -20000.00      | -3.636364       | 20          | PASS    |
|             |         |                 | NV            | 20               | -20000.00      | -3.636364       | 20          | PASS    |
|             |         |                 | NV            | 30               | 0.00           | 0.000000        | 20          | PASS    |
|             |         |                 | NV            | 40               | -20000.00      | -3.636364       | 20          | PASS    |
|             |         |                 | NV            | 50               | 0.00           | 0.000000        | 20          | PASS    |
|             |         | 5745            | NV            | -30              | -20000.00      | -3.481288       | 20          | PASS    |
|             |         |                 | NV            | -20              | -20000.00      | -3.481288       | 20          | PASS    |
|             |         |                 | NV            | -10              | -20000.00      | -3.481288       | 20          | PASS    |
|             |         |                 | NV            | 0                | -20000.00      | -3.481288       | 20          | PASS    |
|             |         |                 | NV            | 10               | -20000.00      | -3.481288       | 20          | PASS    |
|             |         |                 | NV            | 20               | 0.00           | 0.000000        | 20          | PASS    |
|             |         |                 | NV            | 30               | -20000.00      | -3.481288       | 20          | PASS    |
|             |         |                 | NV            | 40               | 0.00           | 0.000000        | 20          | PASS    |
|             |         |                 | NV            | 50               | -20000.00      | -3.481288       | 20          | PASS    |

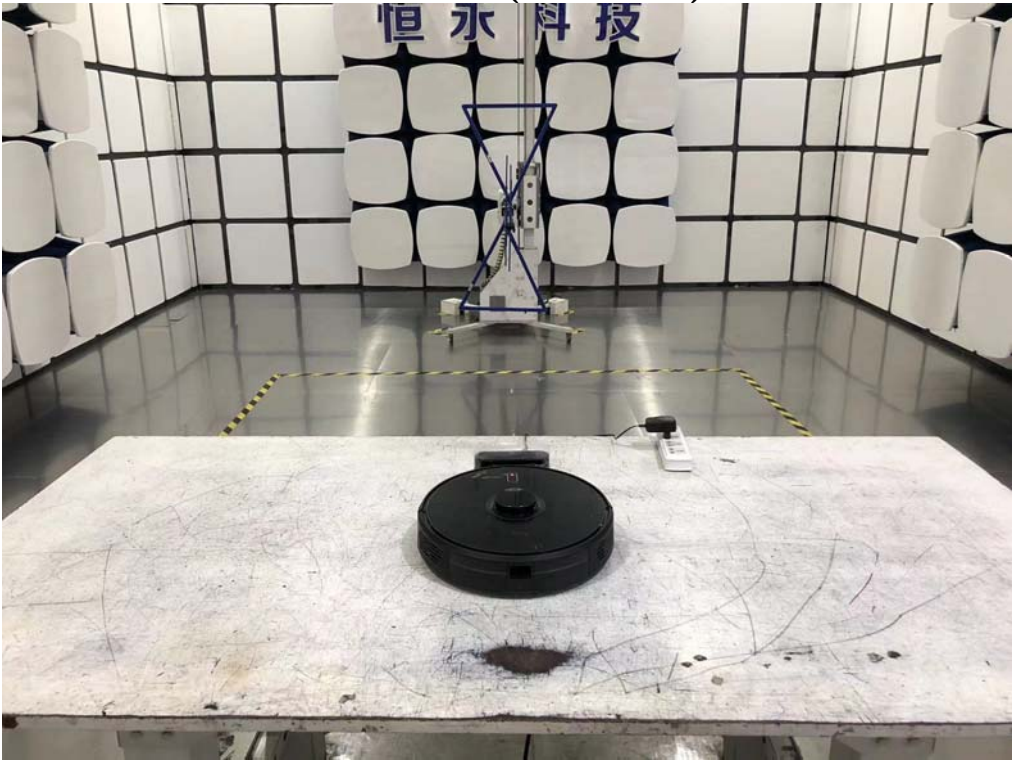
## 11. TEST SETUP PHOTO

Conducted Test





**Radiated Test (Below 1GHz)**



**Radiated Test (Above 1GHz)**

