

|                                                  |                           |
|--------------------------------------------------|---------------------------|
| Case No. : GTS20221206017-1-2                    |                           |
| Ambient Condition: 25 °C, 45 %RH, Atmos100.1Kpa, |                           |
| Test Date: 2023.1.3                              | Test Engineer: Jenny zeng |

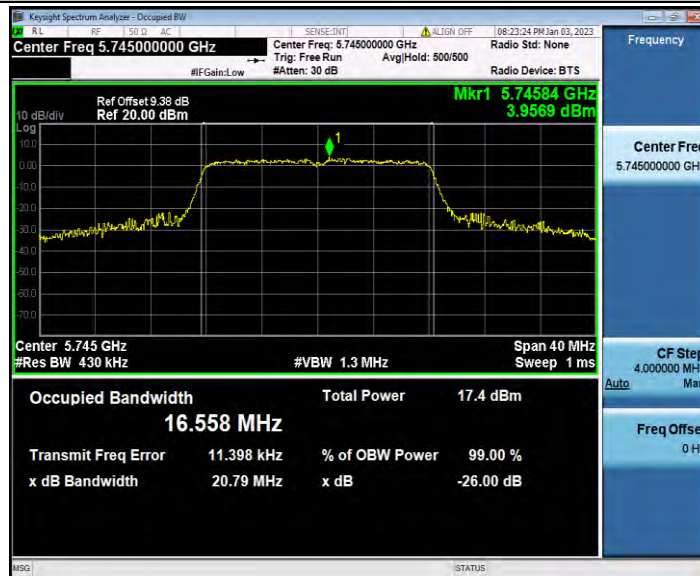
## Appendix C.1: Occupied channel bandwidth

### Test Result

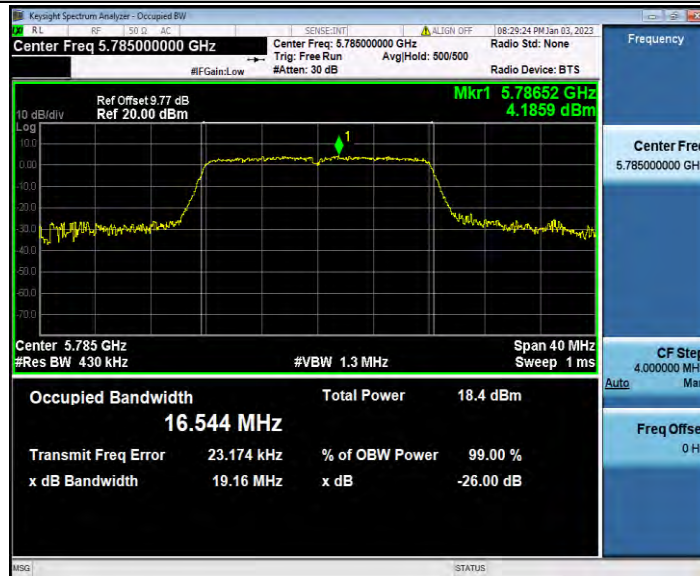
| TestMode   | Antenna | Frequency[MHz] | OCB [MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|------------|---------|----------------|-----------|----------|----------|------------|---------|
| 11A        | Ant1    | 5745           | 16.558    | 5736.732 | 5753.290 | ---        | ---     |
|            |         | 5785           | 16.544    | 5776.751 | 5793.295 | ---        | ---     |
|            |         | 5825           | 16.577    | 5816.683 | 5833.260 | ---        | ---     |
| 11N20SISO  | Ant1    | 5745           | 17.693    | 5736.179 | 5753.872 | ---        | ---     |
|            |         | 5785           | 17.646    | 5776.188 | 5793.834 | ---        | ---     |
|            |         | 5825           | 17.657    | 5816.167 | 5833.824 | ---        | ---     |
| 11N40SISO  | Ant1    | 5755           | 36.433    | 5736.858 | 5773.291 | ---        | ---     |
|            |         | 5795           | 36.535    | 5776.855 | 5813.390 | ---        | ---     |
| 11AC20SISO | Ant1    | 5745           | 17.738    | 5736.172 | 5753.910 | ---        | ---     |
|            |         | 5785           | 17.728    | 5776.126 | 5793.854 | ---        | ---     |
|            |         | 5825           | 17.791    | 5816.105 | 5833.896 | ---        | ---     |
| 11AC40SISO | Ant1    | 5755           | 36.327    | 5736.950 | 5773.277 | ---        | ---     |
|            |         | 5795           | 36.401    | 5776.891 | 5813.292 | ---        | ---     |
| 11AC80SISO | Ant1    | 5775           | 75.406    | 5737.444 | 5812.850 | ---        | ---     |

## Test Graphs

11A\_Ant1\_5745



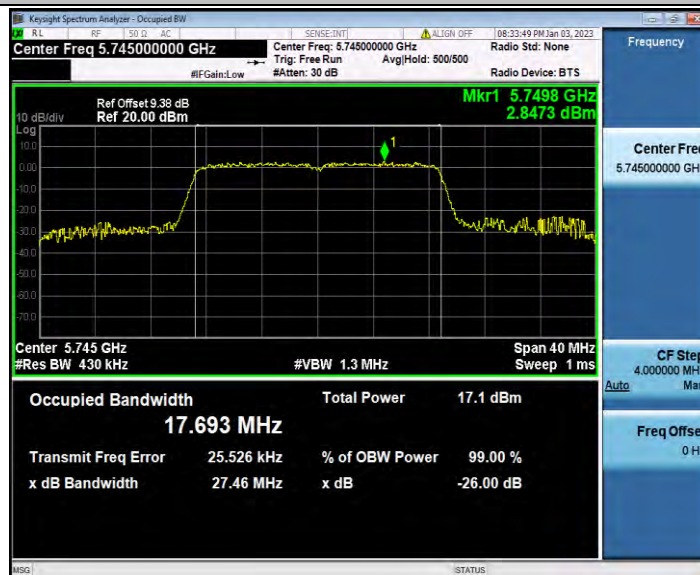
11A\_Ant1\_5785



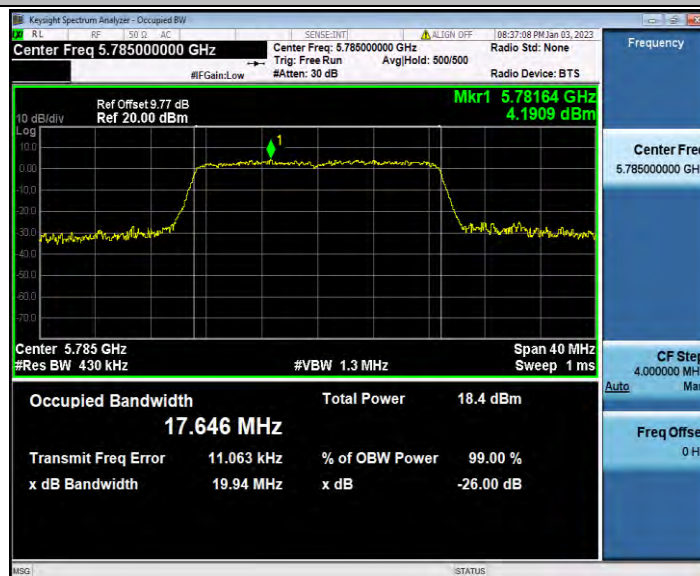
11A\_Ant1\_5825



11N20SISO\_Ant1\_5745



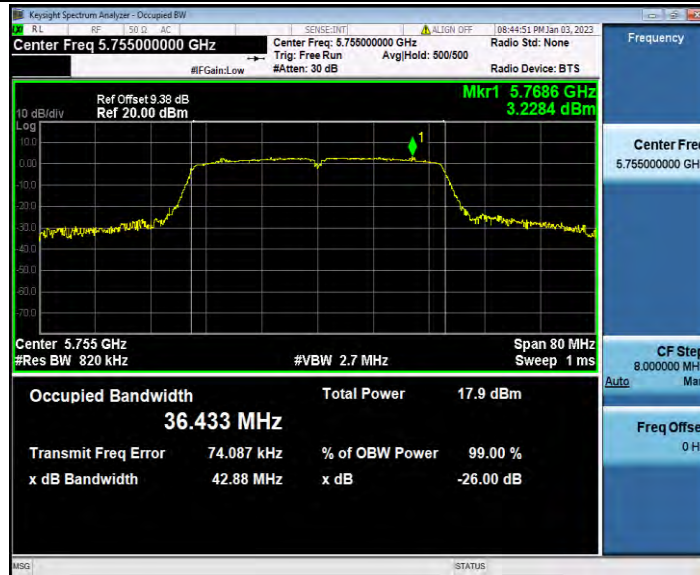
11N20SISO\_Ant1\_5785



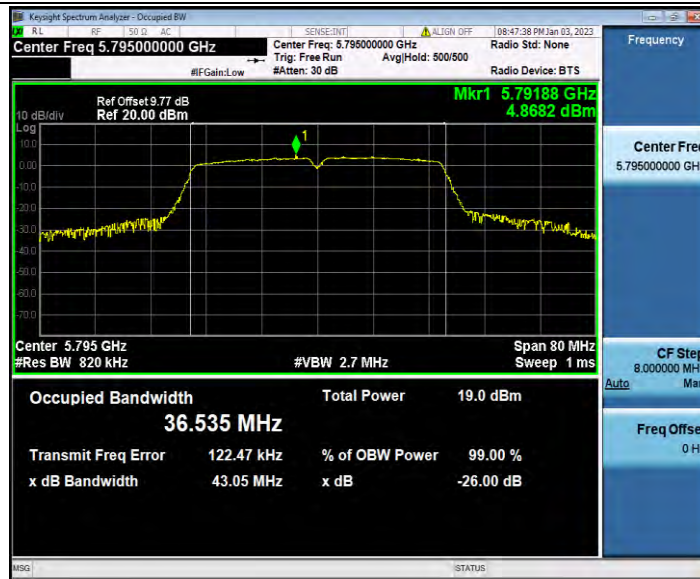
# 11N20SISO\_Ant1\_5825



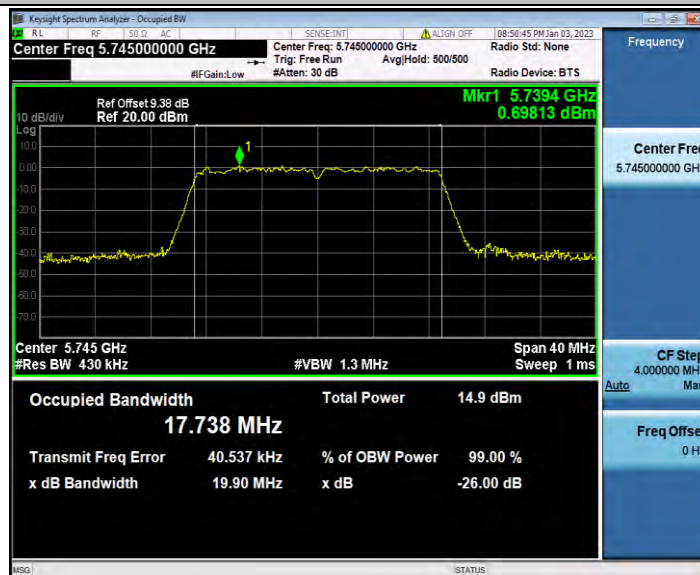
# 11N40SISO\_Ant1\_5755



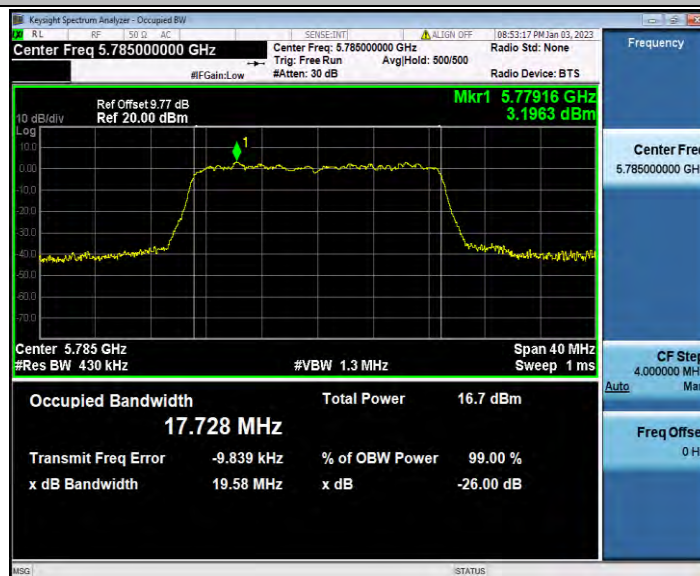
# 11N40SISO\_Ant1\_5795



11AC20SISO\_Ant1\_5745



11AC20SISO\_Ant1\_5785



11AC20SISO\_Ant1\_5825



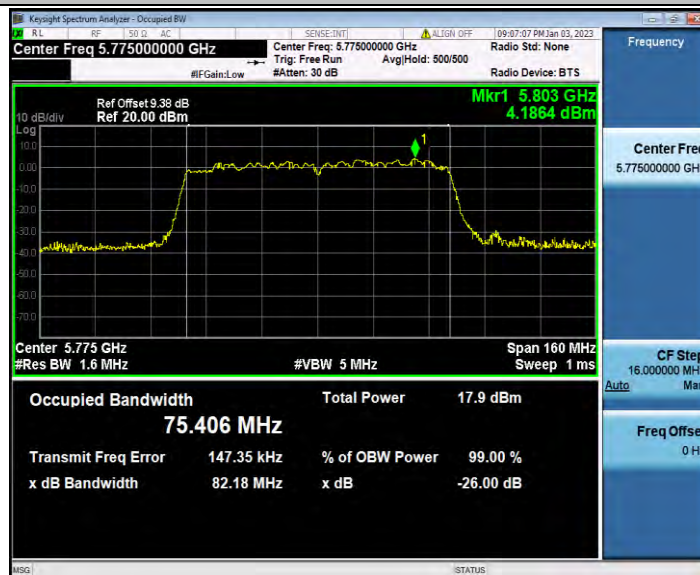
11AC40SISO\_Ant1\_5755



11AC40SISO\_Ant1\_5795



11AC80SISO\_Ant1\_5775



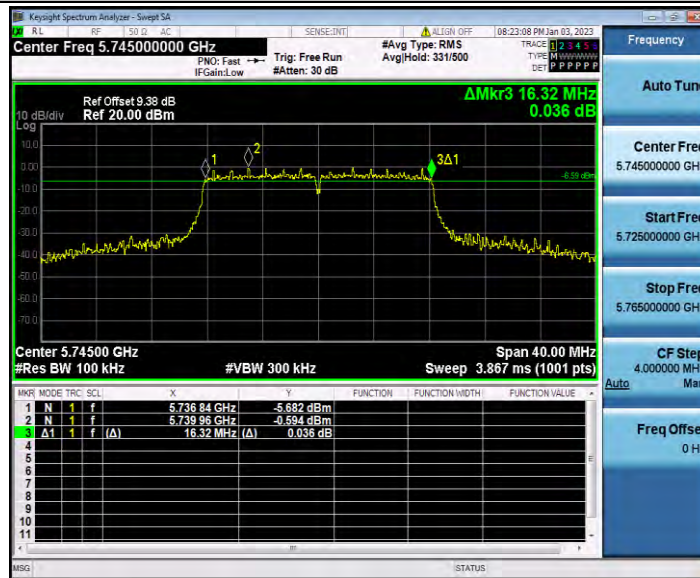
## Appendix C.2: Min emission bandwidth

### Test Result B4

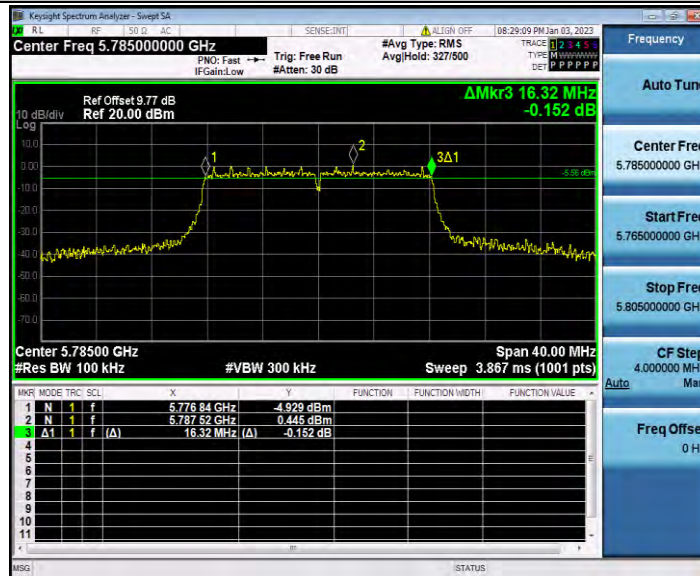
| TestMode   | Antenna | Frequency[MHz] | 6db EBW [MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|------------|---------|----------------|---------------|----------|----------|------------|---------|
| 11A        | Ant1    | 5745           | 16.320        | 5736.840 | 5753.160 | 0.5        | PASS    |
|            |         | 5785           | 16.320        | 5776.840 | 5793.160 | 0.5        | PASS    |
|            |         | 5825           | 16.320        | 5816.840 | 5833.160 | 0.5        | PASS    |
| 11N20SISO  | Ant1    | 5745           | 16.960        | 5736.480 | 5753.440 | 0.5        | PASS    |
|            |         | 5785           | 16.840        | 5776.560 | 5793.400 | 0.5        | PASS    |
|            |         | 5825           | 16.920        | 5816.480 | 5833.400 | 0.5        | PASS    |
| 11N40SISO  | Ant1    | 5755           | 35.120        | 5737.400 | 5772.520 | 0.5        | PASS    |
|            |         | 5795           | 35.520        | 5777.400 | 5812.920 | 0.5        | PASS    |
| 11AC20SISO | Ant1    | 5745           | 16.960        | 5736.800 | 5753.760 | 0.5        | PASS    |
|            |         | 5785           | 17.640        | 5776.160 | 5793.800 | 0.5        | PASS    |
|            |         | 5825           | 17.640        | 5816.160 | 5833.800 | 0.5        | PASS    |
| 11AC40SISO | Ant1    | 5755           | 35.680        | 5737.400 | 5773.080 | 0.5        | PASS    |
|            |         | 5795           | 35.760        | 5777.400 | 5813.160 | 0.5        | PASS    |
| 11AC80SISO | Ant1    | 5775           | 75.200        | 5737.400 | 5812.600 | 0.5        | PASS    |

## Test Graphs B4

11A\_Ant1\_5745



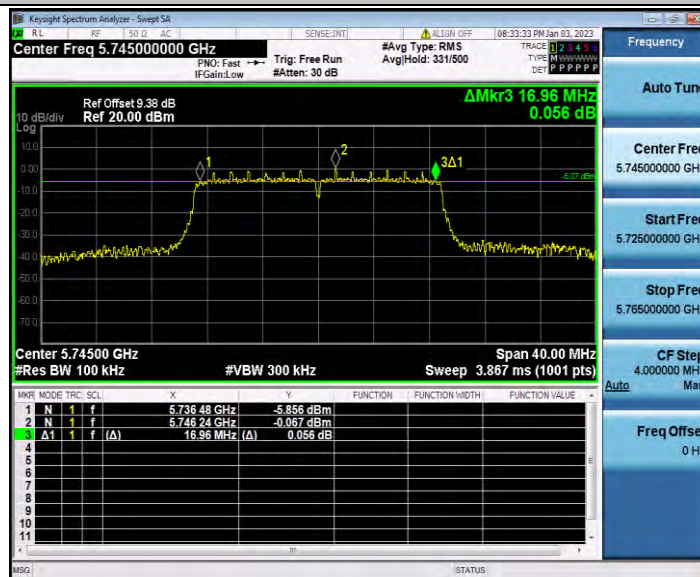
11A\_Ant1\_5785



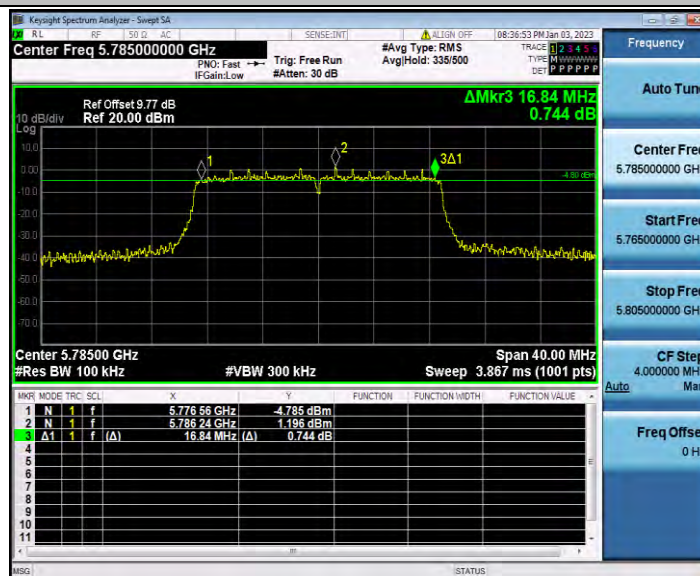
11A\_Ant1\_5825



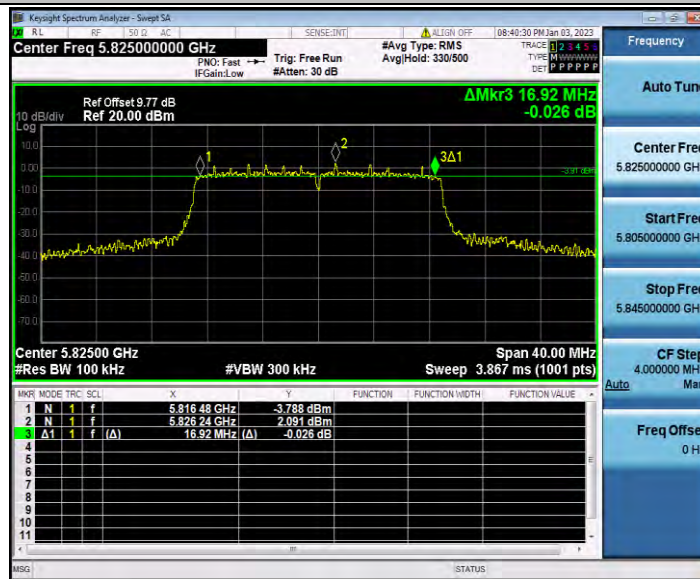
11N20SISO\_Ant1\_5745



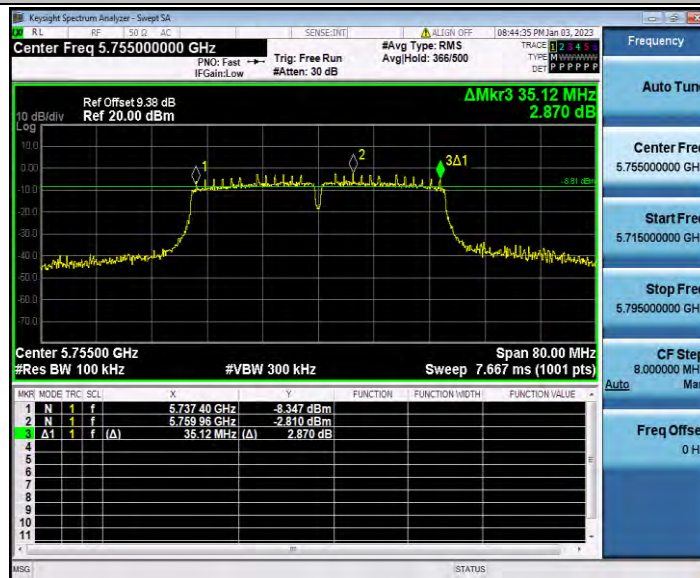
11N20SISO\_Ant1\_5785



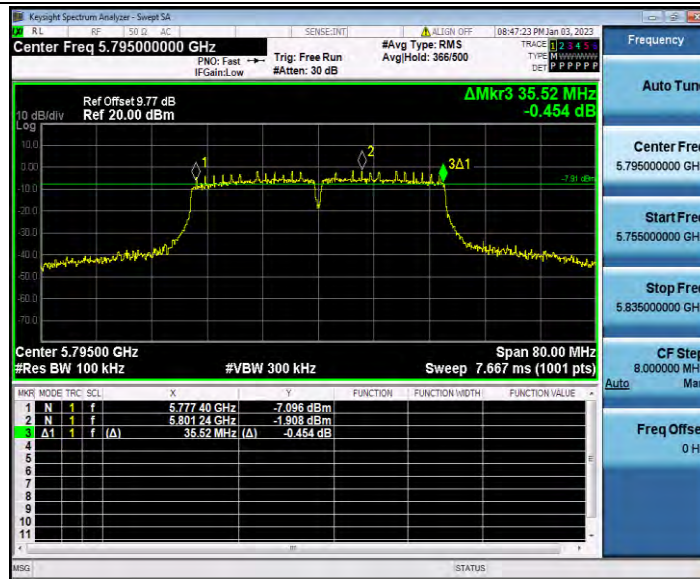
# 11N20SISO\_Ant1\_5825



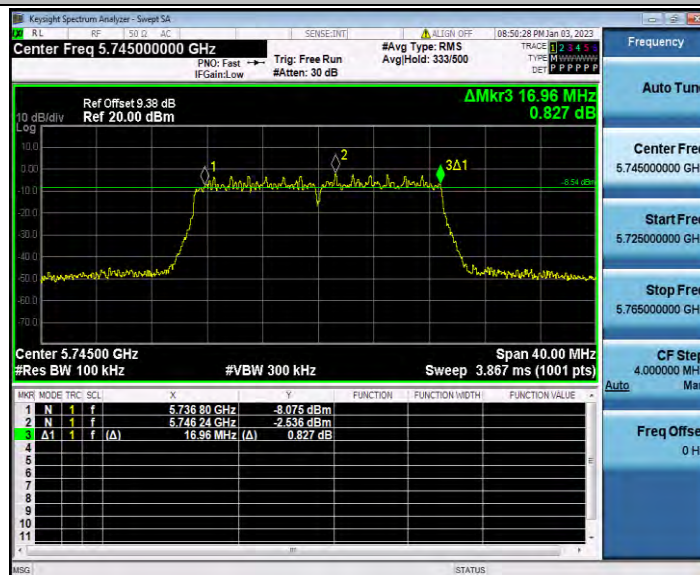
# 11N40SISO\_Ant1\_5755



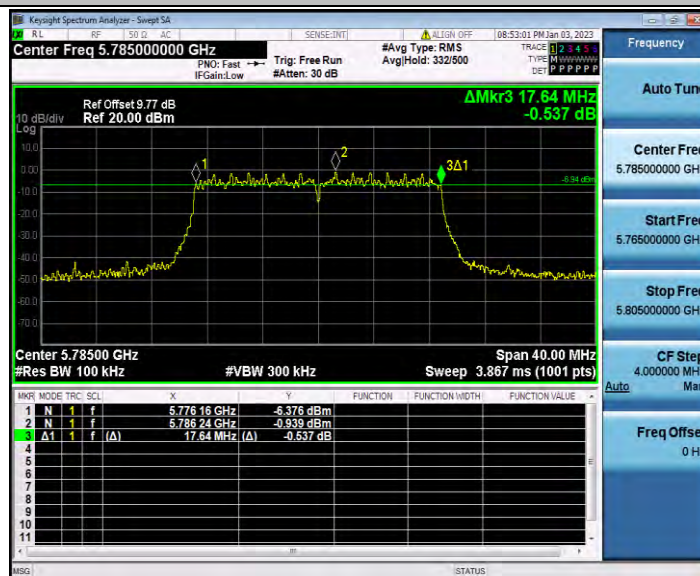
# 11N40SISO\_Ant1\_5795



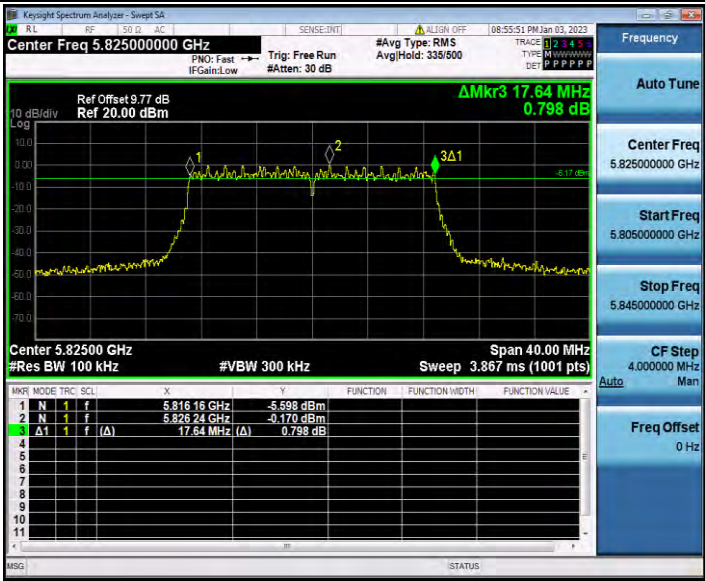
11AC20SISO\_Ant1\_5745



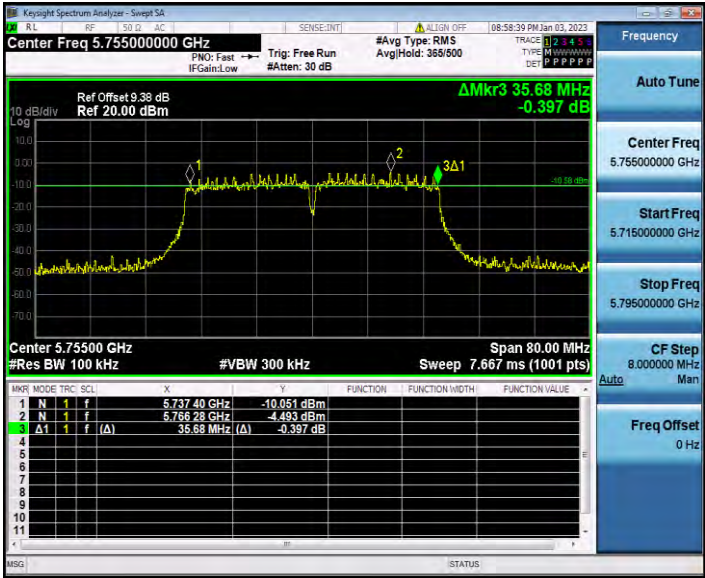
11AC20SISO\_Ant1\_5785



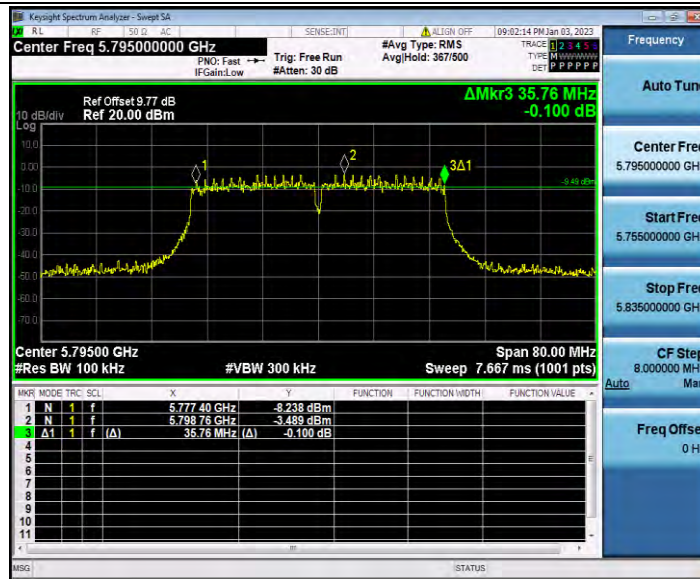
11AC20SISO\_Ant1\_5825



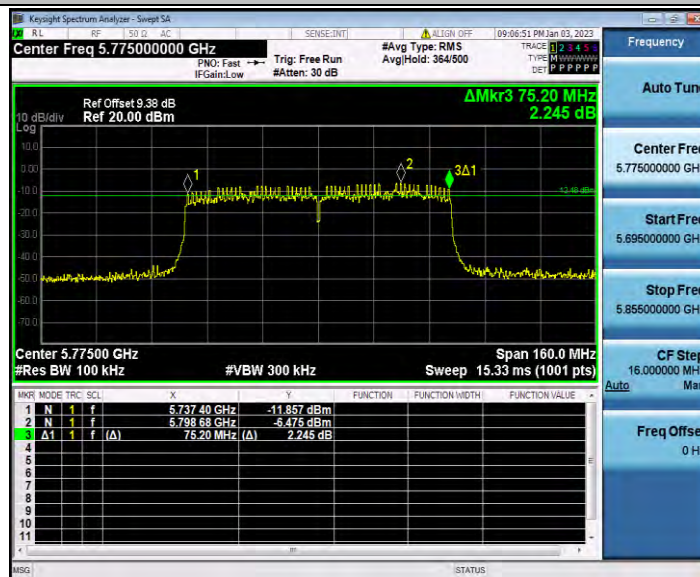
11AC40SISO\_Ant1\_5755



11AC40SISO\_Ant1\_5795



11AC80SISO\_Ant1\_5775

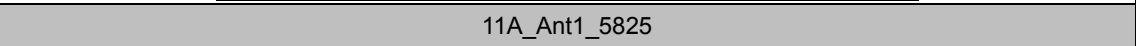
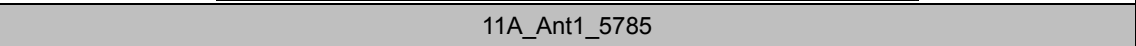


## Appendix C.3: Duty Cycle

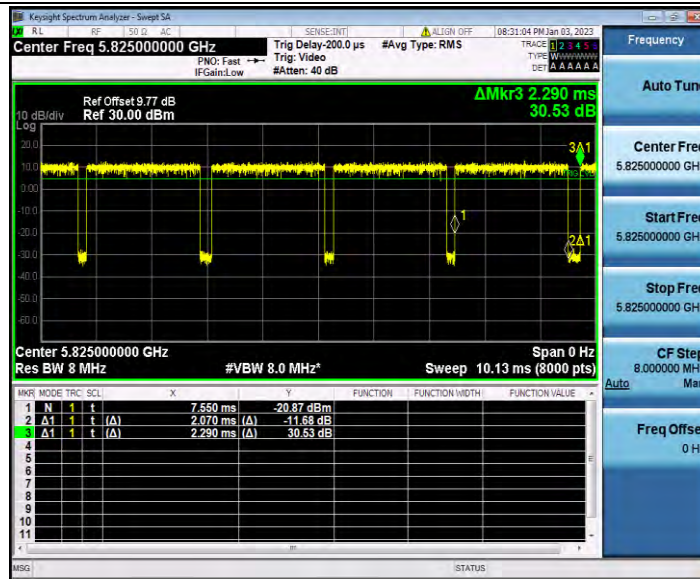
### Test Result

| TestMode   | Antenna | Frequency[MHz] | Transmission Duration [ms] | Transmission Period [ms] | Duty Cycle [%] |
|------------|---------|----------------|----------------------------|--------------------------|----------------|
| 11A        | Ant1    | 5745           | 2.06                       | 2.29                     | 89.96          |
|            |         | 5785           | 2.07                       | 2.28                     | 90.79          |
|            |         | 5825           | 2.07                       | 2.29                     | 90.39          |
| 11N20SISO  | Ant1    | 5745           | 1.92                       | 2.10                     | 91.43          |
|            |         | 5785           | 1.92                       | 2.29                     | 83.84          |
|            |         | 5825           | 1.92                       | 2.13                     | 90.14          |
| 11N40SISO  | Ant1    | 5755           | 0.95                       | 1.15                     | 82.61          |
|            |         | 5795           | 0.94                       | 1.17                     | 80.34          |
| 11AC20SISO | Ant1    | 5745           | 0.20                       | 0.45                     | 44.44          |
|            |         | 5785           | 0.20                       | 0.46                     | 43.48          |
|            |         | 5825           | 0.21                       | 0.46                     | 45.65          |
| 11AC40SISO | Ant1    | 5755           | 0.11                       | 0.41                     | 26.83          |
|            |         | 5795           | 0.11                       | 0.36                     | 30.56          |
| 11AC80SISO | Ant1    | 5775           | 0.08                       | 0.33                     | 24.24          |

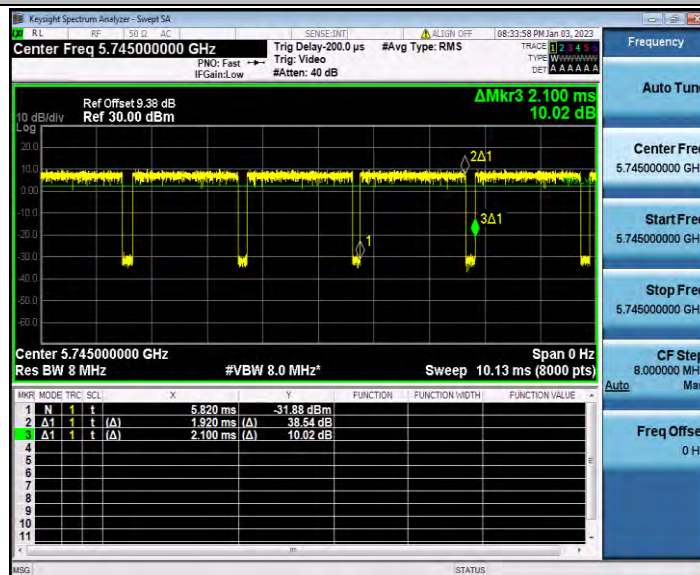
11A\_Ant1\_5745



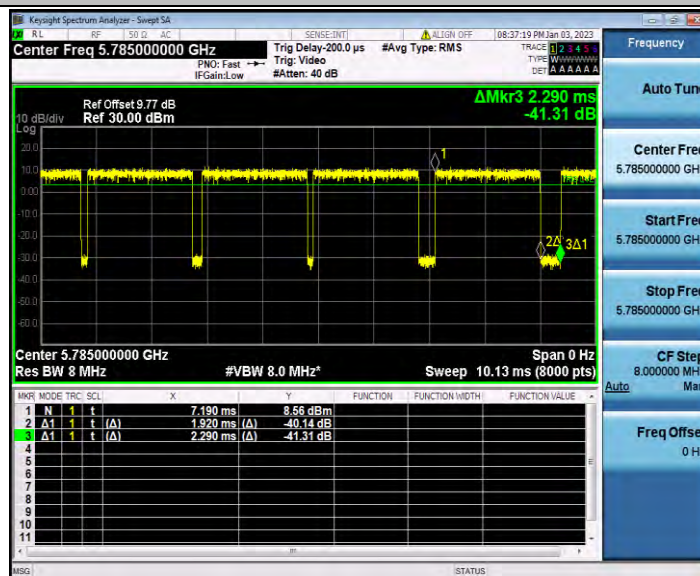
11A\_Ant1\_5825



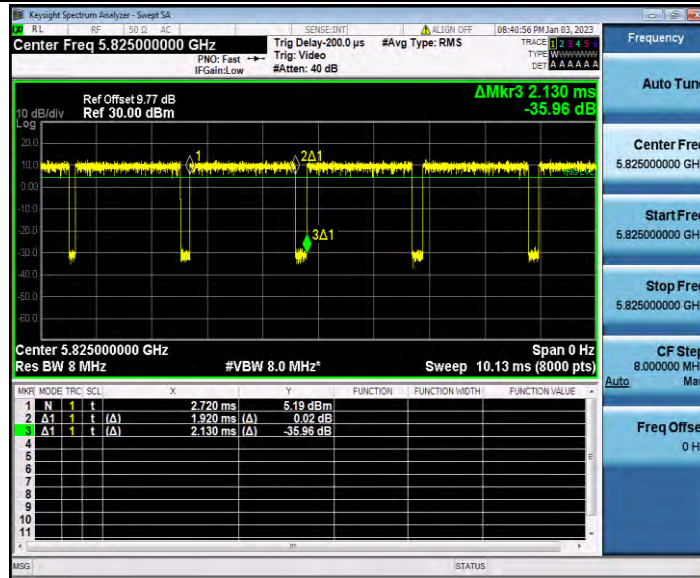
11N20SISO\_Ant1\_5745



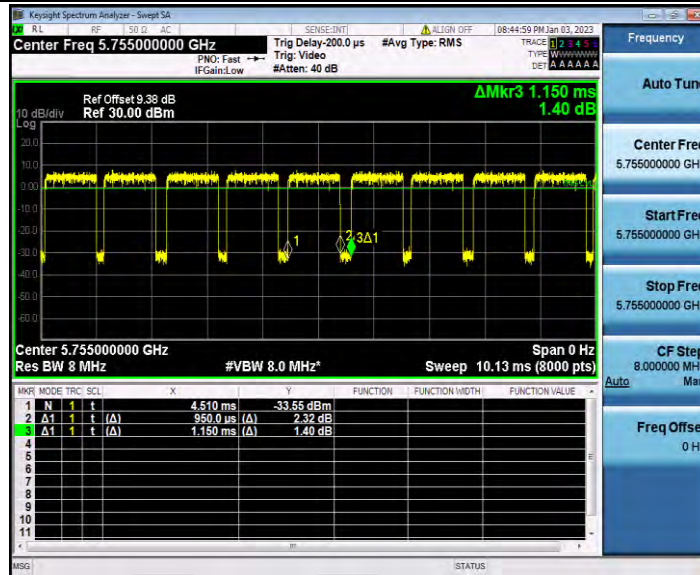
11N20SISO\_Ant1\_5785



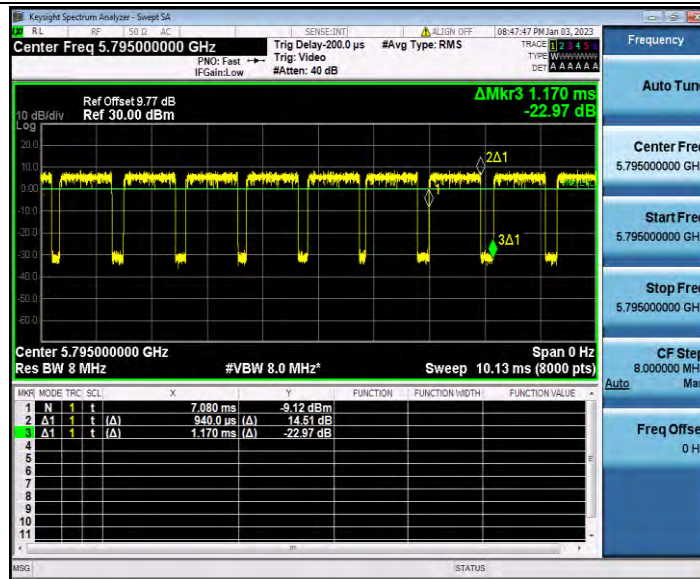
# 11N20SISO\_Ant1\_5825



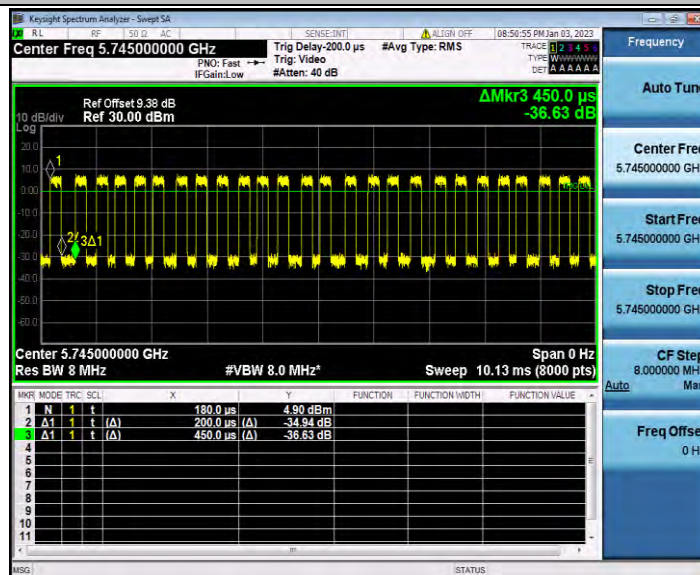
# 11N40SISO\_Ant1\_5755



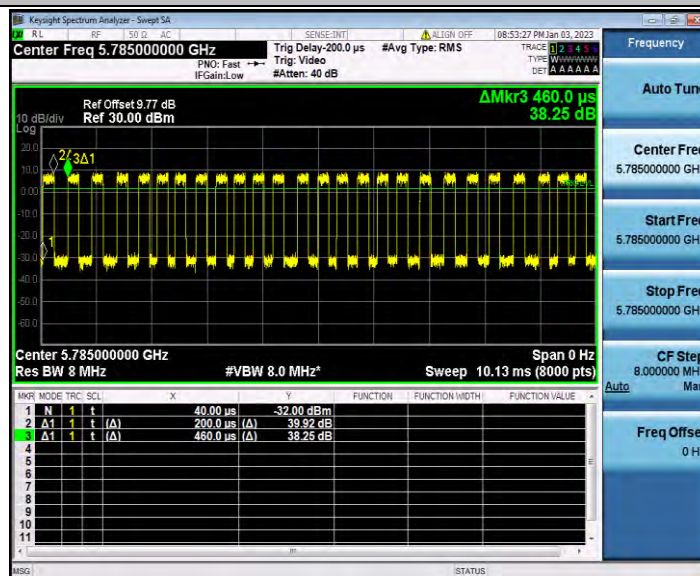
# 11N40SISO\_Ant1\_5795



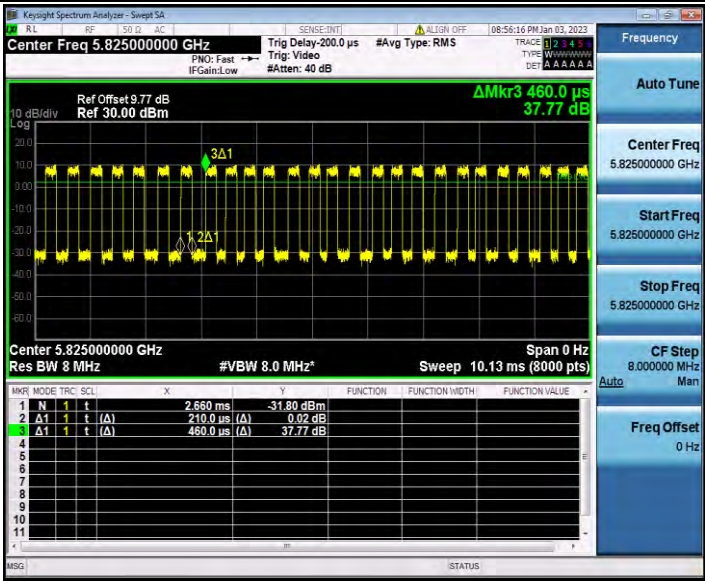
11AC20SISO\_Ant1\_5745



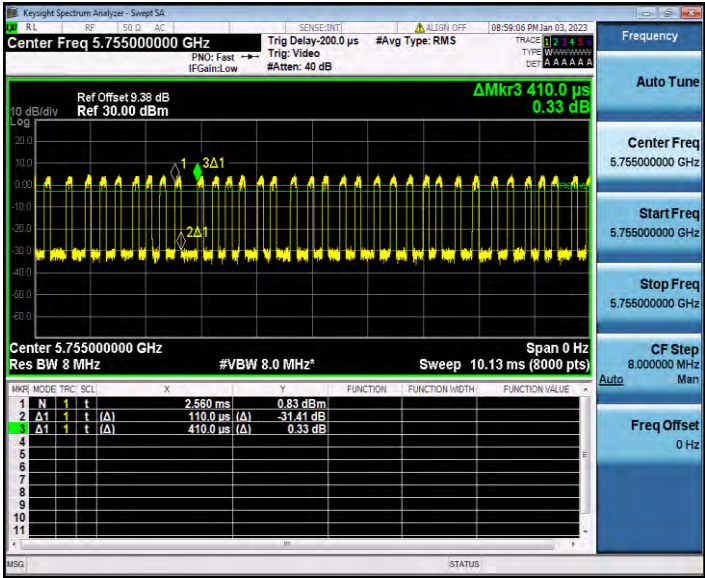
11AC20SISO\_Ant1\_5785



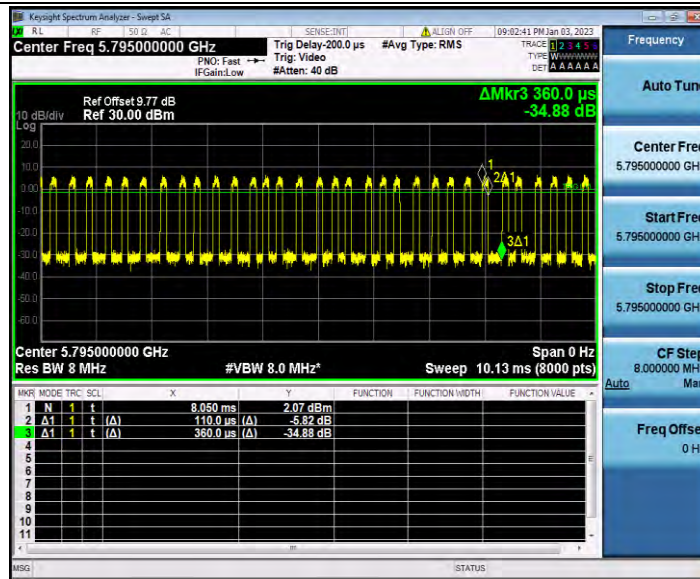
11AC20SISO\_Ant1\_5825



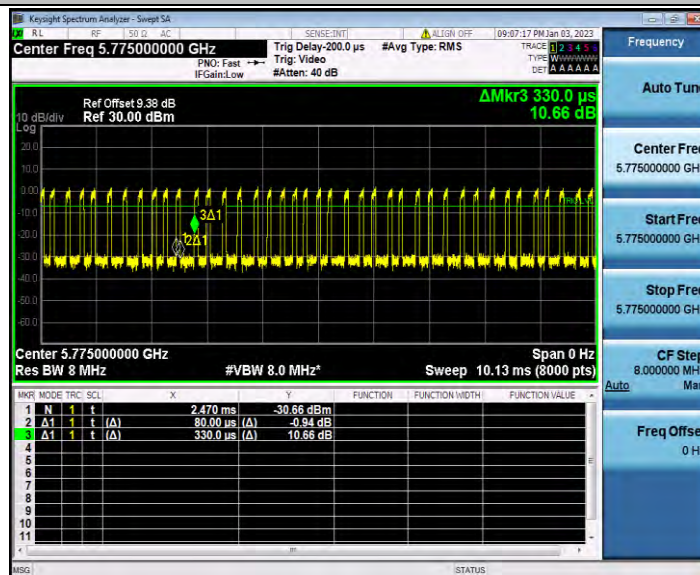
11AC40SISO\_Ant1\_5755



11AC40SISO\_Ant1\_5795



11AC80SISO\_Ant1\_5775



## Appendix C.4: Maximum conducted output power

### Test Result Channel Power

| Test Mode  | Antenna | Frequency[M Hz] | Channel Power [dBm] | Duty Cycle [%] | DC Factor [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|------------|---------|-----------------|---------------------|----------------|-----------------|--------------|-------------|---------|
| 11A        | Ant1    | 5745            | 10.47               | 89.96          | 0.46            | 10.93        | ≤30.00      | PASS    |
|            |         | 5785            | 11.40               | 90.79          | 0.42            | 11.82        | ≤30.00      | PASS    |
|            |         | 5825            | 12.56               | 90.39          | 0.44            | 13.00        | ≤30.00      | PASS    |
| 11N20SISO  | Ant1    | 5745            | 10.20               | 91.43          | 0.39            | 10.59        | ≤30.00      | PASS    |
|            |         | 5785            | 11.48               | 83.84          | 0.77            | 12.25        | ≤30.00      | PASS    |
|            |         | 5825            | 12.44               | 90.14          | 0.45            | 12.89        | ≤30.00      | PASS    |
| 11N40SISO  | Ant1    | 5755            | 9.89                | 82.61          | 0.83            | 10.72        | ≤30.00      | PASS    |
|            |         | 5795            | 11.12               | 80.34          | 0.95            | 12.07        | ≤30.00      | PASS    |
| 11AC20SISO | Ant1    | 5745            | 5.34                | 44.44          | 3.52            | 8.86         | ≤30.00      | PASS    |
|            |         | 5785            | 7.07                | 43.48          | 3.62            | 10.69        | ≤30.00      | PASS    |
|            |         | 5825            | 8.00                | 45.65          | 3.41            | 11.41        | ≤30.00      | PASS    |
| 11AC40SISO | Ant1    | 5755            | 4.65                | 26.83          | 5.71            | 10.36        | ≤30.00      | PASS    |
|            |         | 5795            | 5.93                | 30.56          | 5.15            | 11.08        | ≤30.00      | PASS    |
| 11AC80SISO | Ant1    | 5775            | 4.23                | 24.24          | 6.15            | 10.38        | ≤30.00      | PASS    |

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

## Appendix C.5: Maximum power spectral density

### Test Result

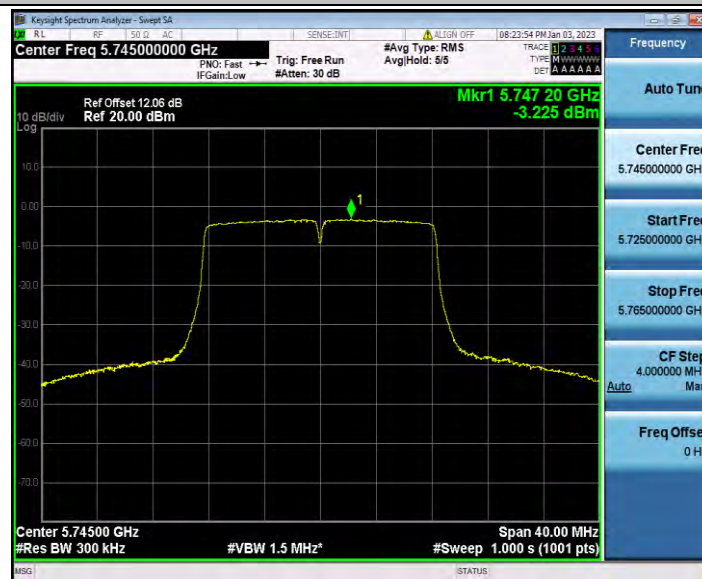
| TestMode   | Antenna | Frequency[MHz] | Result [dBm/MHz] | Limit[dBm/MHz] | Verdict |
|------------|---------|----------------|------------------|----------------|---------|
| 11A        | Ant1    | 5745           | -3.23            | ≤30.00         | PASS    |
|            |         | 5785           | -2.07            | ≤30.00         | PASS    |
|            |         | 5825           | -0.96            | ≤30.00         | PASS    |
| 11N20SISO  | Ant1    | 5745           | -3.83            | ≤30.00         | PASS    |
|            |         | 5785           | -2.01            | ≤30.00         | PASS    |
|            |         | 5825           | -1.29            | ≤30.00         | PASS    |
| 11N40SISO  | Ant1    | 5755           | -5.74            | ≤30.00         | PASS    |
|            |         | 5795           | -4.73            | ≤30.00         | PASS    |
| 11AC20SISO | Ant1    | 5745           | -4.13            | ≤30.00         | PASS    |
|            |         | 5785           | -2.67            | ≤30.00         | PASS    |
|            |         | 5825           | -1.86            | ≤30.00         | PASS    |
| 11AC40SISO | Ant1    | 5755           | -4.93            | ≤30.00         | PASS    |
|            |         | 5795           | -4.17            | ≤30.00         | PASS    |
| 11AC80SISO | Ant1    | 5775           | -7.13            | ≤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

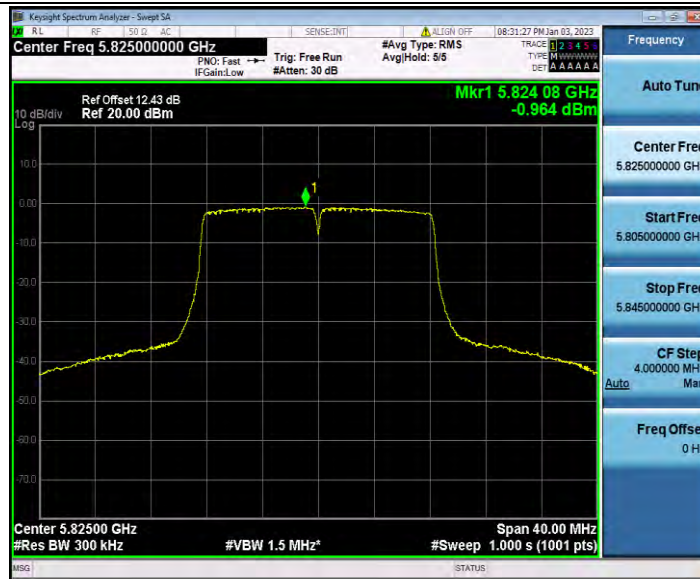
11A\_Ant1\_5745



11A\_Ant1\_5785



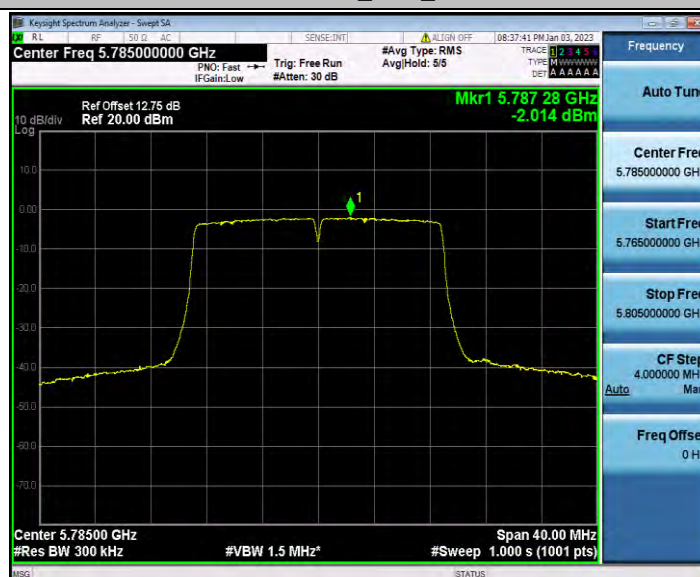
11A\_Ant1\_5825



11N20SISO\_Ant1\_5745



11N20SISO\_Ant1\_5785



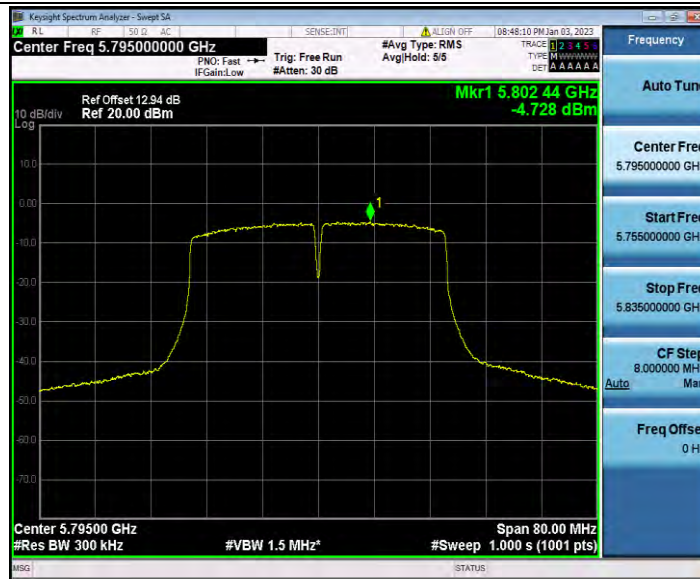
# 11N20SISO\_Ant1\_5825



# 11N40SISO\_Ant1\_5755



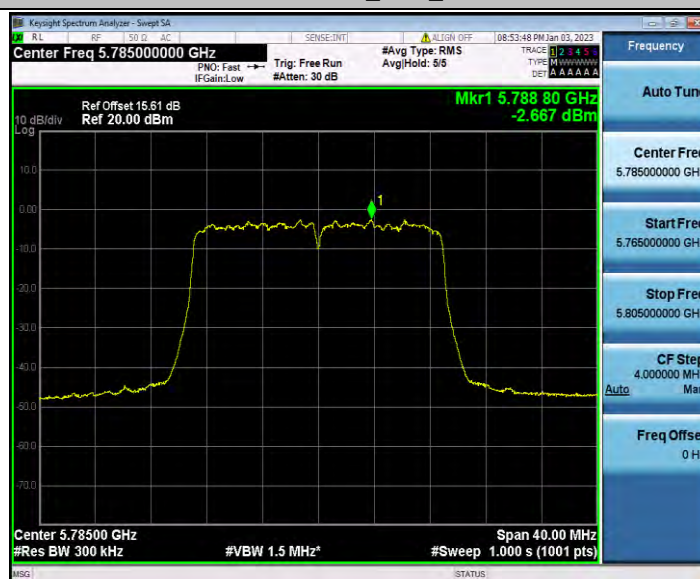
# 11N40SISO\_Ant1\_5795



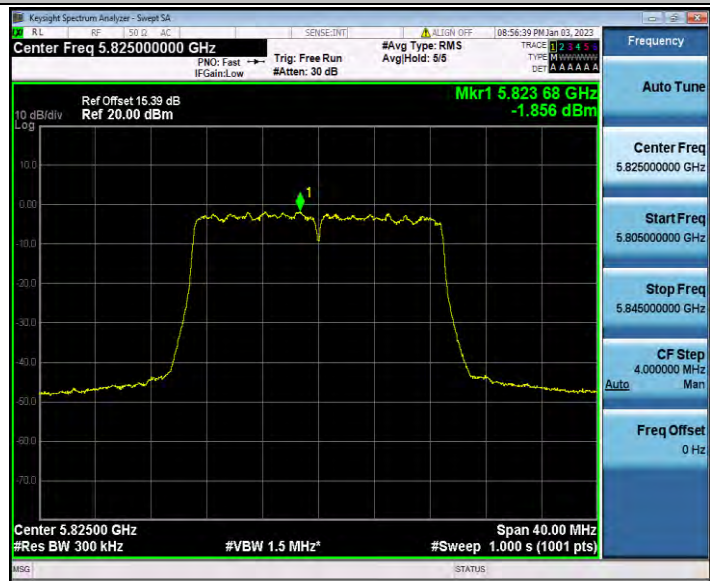
11AC20SISO\_Ant1\_5745



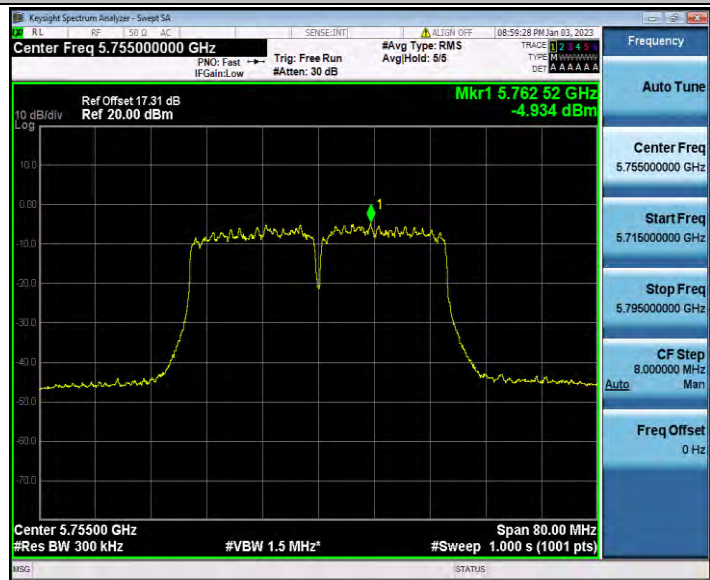
11AC20SISO\_Ant1\_5785



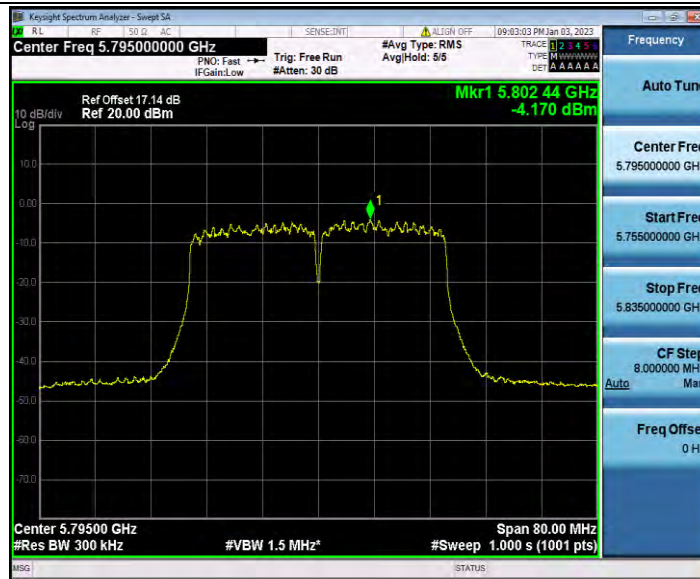
11AC20SISO\_Ant1\_5825



11AC40SISO\_Ant1\_5755



11AC40SISO\_Ant1\_5795



11AC80ISO\_Ant1\_5775



## Appendix C.6: Band edge measurements

### Test Result B4

| TestMode       | Antenna | ChName | Frequency[MHz] | FreqRange [MHz] | Result [dBm] | Limit [dBm] | Verdict |
|----------------|---------|--------|----------------|-----------------|--------------|-------------|---------|
| 11A            | Ant1    | Low    | 5745           | 5650~5700       | -39.5        | ≤-6.19      | PASS    |
|                |         |        |                | 5700~5720       | -37.38       | ≤14.40      | PASS    |
|                |         |        |                | 5720~5725       | -28.01       | ≤25.78      | PASS    |
|                |         |        |                | 5760~5650       | -40.5        | ≤-27        | PASS    |
|                |         | High   | 5825           | 5850~5855       | -37.21       | ≤17.64      | PASS    |
|                |         |        |                | 5855~5875       | -38.79       | ≤11.57      | PASS    |
|                |         |        |                | 5875~5925       | -37.78       | ≤-9.47      | PASS    |
|                |         |        |                | 5925~5935       | -38.48       | ≤-27        | PASS    |
| 11N20SI<br>SO  | Ant1    | Low    | 5745           | 5650~5700       | -39.52       | ≤-2.02      | PASS    |
|                |         |        |                | 5700~5720       | -37.06       | ≤15.53      | PASS    |
|                |         |        |                | 5720~5725       | -25.39       | ≤26.57      | PASS    |
|                |         |        |                | 5760~5650       | -40.48       | ≤-27        | PASS    |
|                |         | High   | 5825           | 5850~5855       | -34.62       | ≤17.33      | PASS    |
|                |         |        |                | 5855~5875       | -38.1        | ≤10.82      | PASS    |
|                |         |        |                | 5875~5925       | -37.81       | ≤-3.78      | PASS    |
|                |         |        |                | 5925~5935       | -38.86       | ≤-27        | PASS    |
| 11N40SI<br>SO  | Ant1    | Low    | 5755           | 5650~5700       | -37.77       | ≤9.96       | PASS    |
|                |         |        |                | 5700~5720       | -27.89       | ≤15.58      | PASS    |
|                |         |        |                | 5720~5725       | -28.12       | ≤17.28      | PASS    |
|                |         |        |                | 5780~5650       | -39.29       | ≤-27        | PASS    |
|                |         | High   | 5795           | 5850~5855       | -36.99       | ≤18.67      | PASS    |
|                |         |        |                | 5855~5875       | -38.34       | ≤12.35      | PASS    |
|                |         |        |                | 5875~5925       | -38.67       | ≤-3.23      | PASS    |
|                |         |        |                | 5925~5935       | -38.97       | ≤-27        | PASS    |
| 11AC20S<br>ISO | Ant1    | Low    | 5745           | 5650~5700       | -38.97       | ≤1.04       | PASS    |
|                |         |        |                | 5700~5720       | -38.45       | ≤14.02      | PASS    |
|                |         |        |                | 5720~5725       | -36.32       | ≤24.99      | PASS    |
|                |         |        |                | 5760~5650       | -39.03       | ≤-27        | PASS    |
|                |         | High   | 5825           | 5850~5855       | -38.44       | ≤16.41      | PASS    |
|                |         |        |                | 5855~5875       | -38.92       | ≤10.74      | PASS    |
|                |         |        |                | 5875~5925       | -38.93       | ≤-5.48      | PASS    |
|                |         |        |                | 5925~5935       | -39.13       | ≤-27        | PASS    |
| 11AC40S<br>ISO | Ant1    | Low    | 5755           | 5650~5700       | -39.02       | ≤-5.63      | PASS    |
|                |         |        |                | 5700~5720       | -35.43       | ≤11.76      | PASS    |
|                |         |        |                | 5720~5725       | -36.83       | ≤19.43      | PASS    |

|                |      |      |      |           |        |               |      |
|----------------|------|------|------|-----------|--------|---------------|------|
|                |      |      |      | 5780~5650 | -40.6  | $\leq -27$    | PASS |
|                |      | High | 5795 | 5850~5855 | -38.26 | $\leq 22.05$  | PASS |
|                |      |      |      | 5855~5875 | -38.57 | $\leq 10.73$  | PASS |
|                |      |      |      | 5875~5925 | -38.15 | $\leq -13.00$ | PASS |
|                |      |      |      | 5925~5935 | -39.17 | $\leq -27$    | PASS |
| 11AC80S<br>ISO | Ant1 | Low  | 5775 | 5650~5700 | -38.5  | $\leq 4.40$   | PASS |
|                |      |      |      | 5700~5720 | -37.23 | $\leq 14.87$  | PASS |
|                |      |      |      | 5720~5725 | -38.13 | $\leq 26.60$  | PASS |
|                |      |      |      | 5800~5650 | -40.61 | $\leq -27$    | PASS |
|                |      | High | 5775 | 5850~5855 | -36    | $\leq 26.76$  | PASS |
|                |      |      |      | 5855~5875 | -36.23 | $\leq 12.92$  | PASS |
|                |      |      |      | 5875~5925 | -38.81 | $\leq -17.37$ | PASS |
|                |      |      |      | 5925~5935 | -39.01 | $\leq -27$    | PASS |

## Test Graphs B4

11A\_Ant1\_Low\_5745



11A\_Ant1\_High\_5825



11N20SISO\_Ant1\_Low\_5745



11N20SISO\_Ant1\_High\_5825



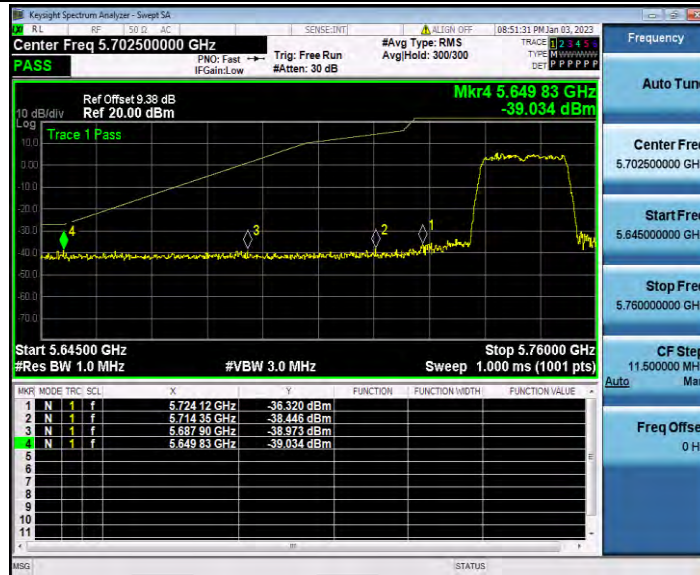
11N40SISO\_Ant1\_Low\_5755



# 11N40SISO\_Ant1\_High\_5795



# 11AC20SISO\_Ant1\_Low\_5745



# 11AC20SISO\_Ant1\_High\_5825



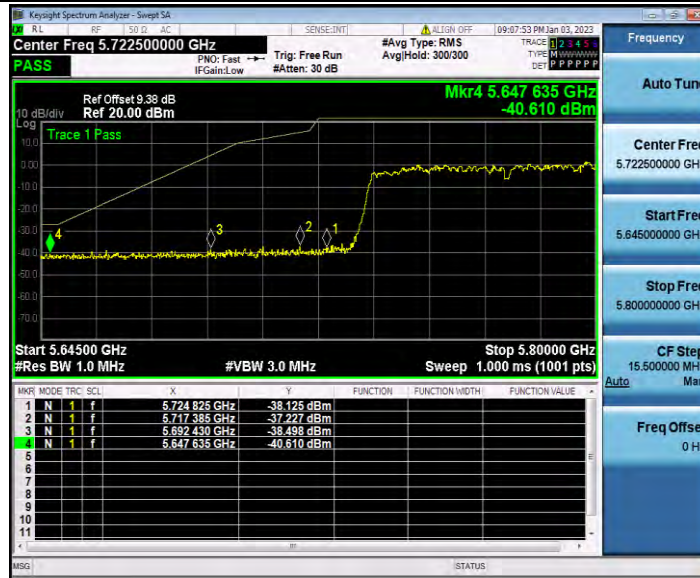
11AC40SISO\_Ant1\_Low\_5755



11AC40SISO\_Ant1\_High\_5795



# 11AC80SISO\_Ant1\_Low\_5775



# 11AC80SISO\_Ant1\_High\_5775



## Appendix C.7: Conducted Spurious Emission

### Test Result

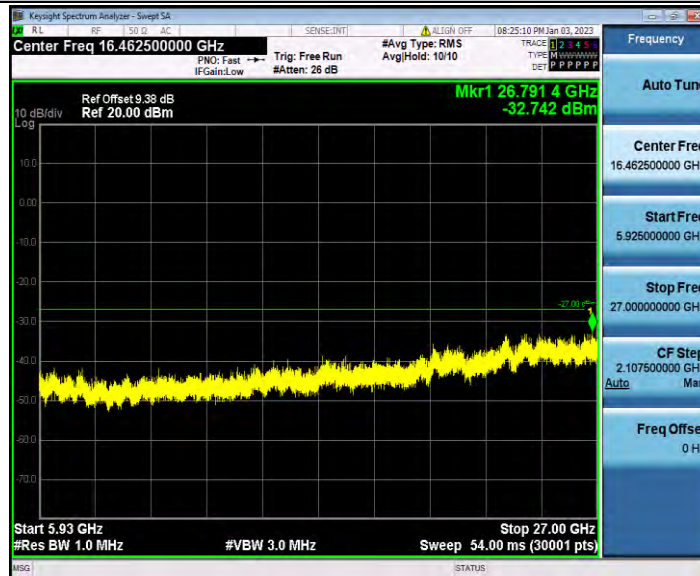
| TestMode   | Antenna | Frequency[MHz] | FreqRange [MHz] | Max. Fre [MHz] | Max. Level [dBm] | Limit [dBm] | Verdict |
|------------|---------|----------------|-----------------|----------------|------------------|-------------|---------|
| 11A        | Ant1    | 5745           | 30~5650         | 3057.87        | -41.14           | ≤-27        | PASS    |
|            |         |                | 5925~40000      | 26791.36       | -32.74           | ≤-27        | PASS    |
|            |         | 5785           | 30~5650         | 5480.09        | -40.32           | ≤-27        | PASS    |
|            |         |                | 5925~40000      | 24286.24       | -32.78           | ≤-27        | PASS    |
|            |         | 5825           | 30~5650         | 3183.19        | -39.7            | ≤-27        | PASS    |
|            |         |                | 5925~40000      | 25734.1        | -33.35           | ≤-27        | PASS    |
| 11N20SISO  | Ant1    | 5745           | 30~5650         | 2410.63        | -40.32           | ≤-27        | PASS    |
|            |         |                | 5925~40000      | 26114.15       | -33.03           | ≤-27        | PASS    |
|            |         | 5785           | 30~5650         | 1762.46        | -39              | ≤-27        | PASS    |
|            |         |                | 5925~40000      | 26048.11       | -33.14           | ≤-27        | PASS    |
|            |         | 5825           | 30~5650         | 4996.58        | -40.91           | ≤-27        | PASS    |
|            |         |                | 5925~40000      | 25657.52       | -31.76           | ≤-27        | PASS    |
| 11N40SISO  | Ant1    | 5755           | 30~5650         | 5445.99        | -40.93           | ≤-27        | PASS    |
|            |         |                | 5925~40000      | 26763.26       | -33.18           | ≤-27        | PASS    |
|            |         | 5795           | 30~5650         | 2712.99        | -40.95           | ≤-27        | PASS    |
|            |         |                | 5925~40000      | 26505.44       | -32              | ≤-27        | PASS    |
| 11AC20SISO | Ant1    | 5745           | 30~5650         | 5539.66        | -40.81           | ≤-27        | PASS    |
|            |         |                | 5925~40000      | 24374.76       | -32.18           | ≤-27        | PASS    |
|            |         | 5785           | 30~5650         | 4953.49        | -40.03           | ≤-27        | PASS    |
|            |         |                | 5925~40000      | 26043.2        | -32.48           | ≤-27        | PASS    |
|            |         | 5825           | 30~5650         | 4943.75        | -40.02           | ≤-27        | PASS    |
|            |         |                | 5925~40000      | 25663.14       | -32.31           | ≤-27        | PASS    |
| 11AC40SISO | Ant1    | 5755           | 30~5650         | 5486.08        | -40.43           | ≤-27        | PASS    |
|            |         |                | 5925~40000      | 24133.8        | -32.57           | ≤-27        | PASS    |
|            |         | 5795           | 30~5650         | 5432.32        | -39.61           | ≤-27        | PASS    |
|            |         |                | 5925~40000      | 26698.63       | -31.97           | ≤-27        | PASS    |
| 11AC80SISO | Ant1    | 5775           | 30~5650         | 5454.61        | -41.38           | ≤-27        | PASS    |
|            |         |                | 5925~40000      | 24236.37       | -32              | ≤-27        | PASS    |

## Test Graphs

11A\_Ant1\_5745\_30~5650



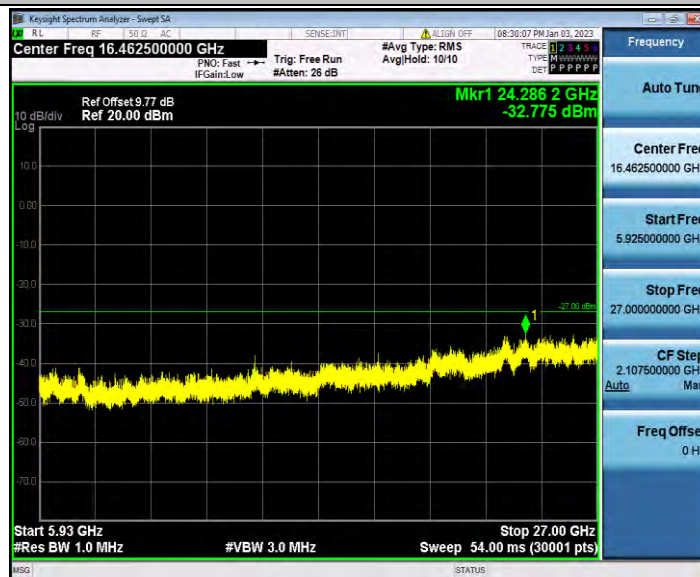
11A\_Ant1\_5745\_5925~40000



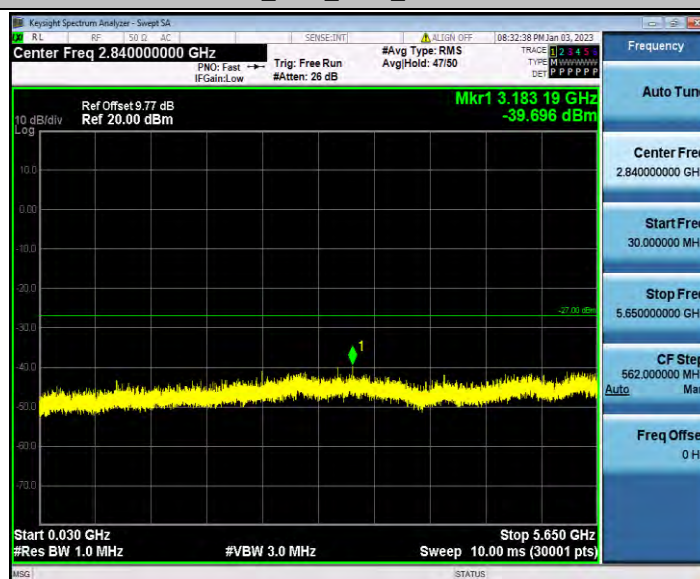
11A\_Ant1\_5785\_30~5650



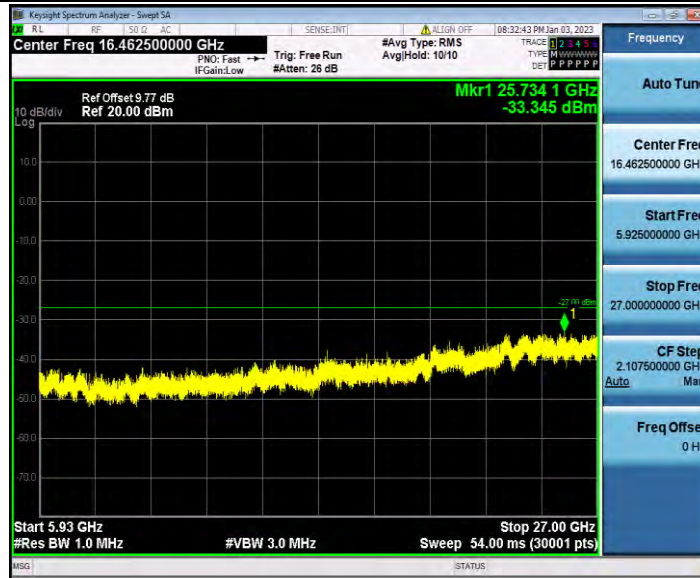
11A\_Ant1\_5785\_5925~40000



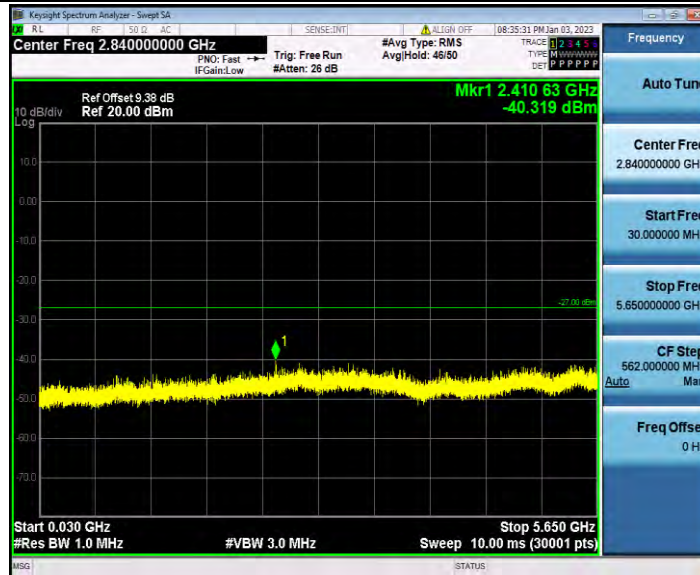
11A\_Ant1\_5825\_30~5650



# 11A\_Ant1\_5825\_5925~40000



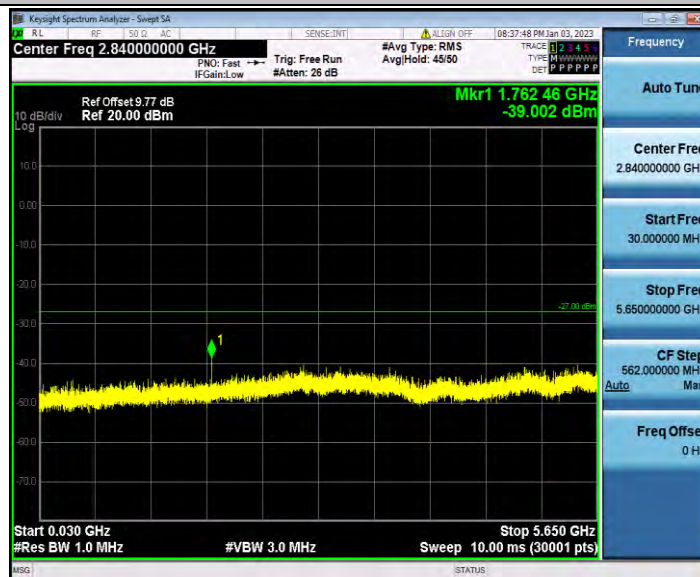
# 11N20SISO\_Ant1\_5745\_30~5650



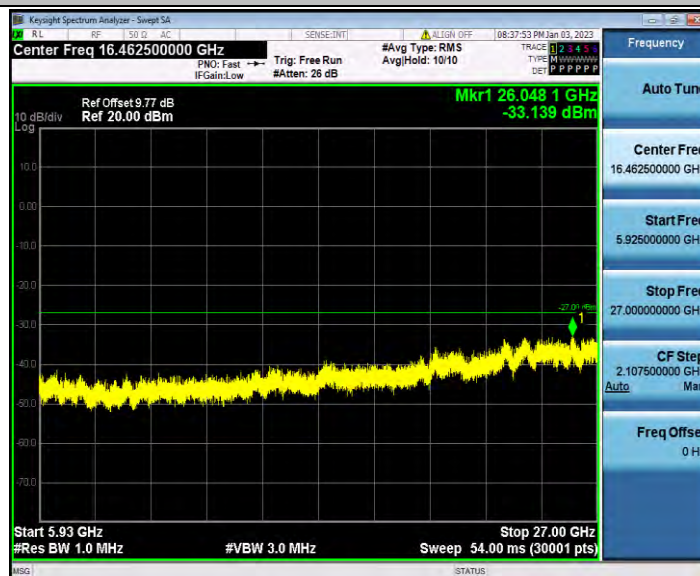
# 11N20SISO\_Ant1\_5745\_5925~40000



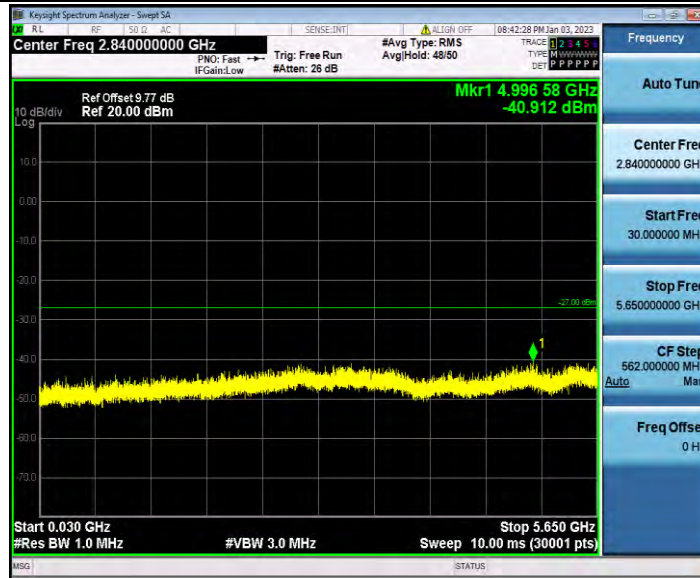
11N20SISO\_Ant1\_5785\_30~5650



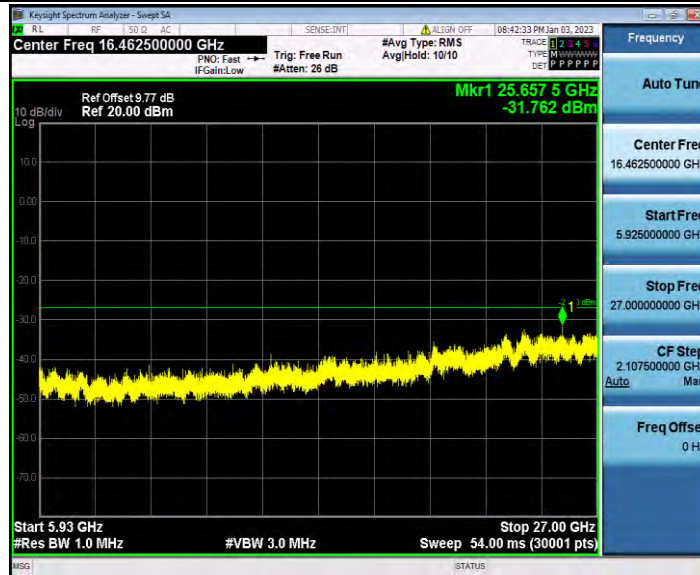
11N20SISO\_Ant1\_5785\_5925~40000



# 11N20SISO\_Ant1\_5825\_30~5650



# 11N20SISO\_Ant1\_5825\_5925~40000



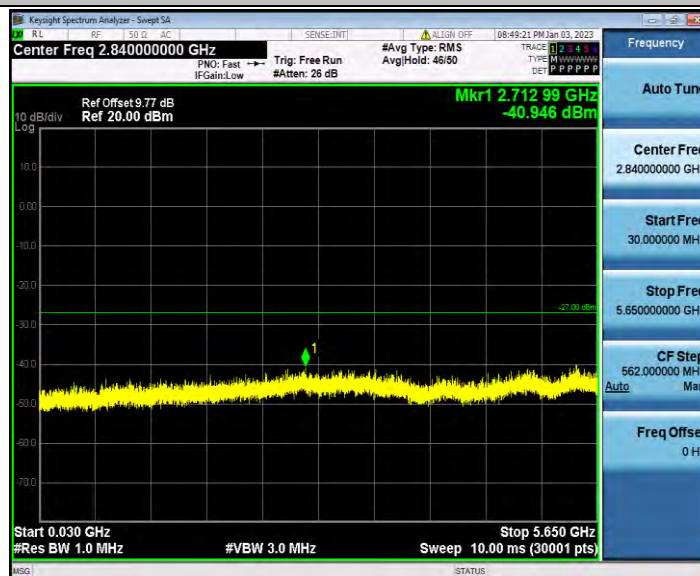
# 11N40SISO\_Ant1\_5755\_30~5650



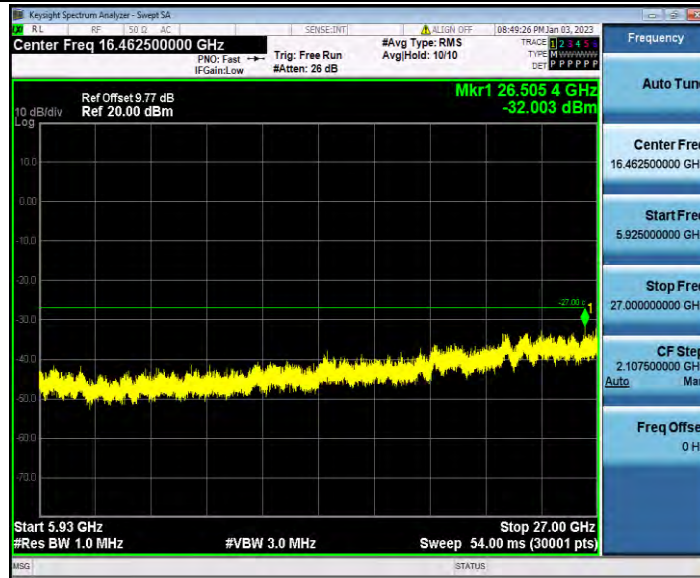
11N40SISO\_Ant1\_5755\_5925~40000



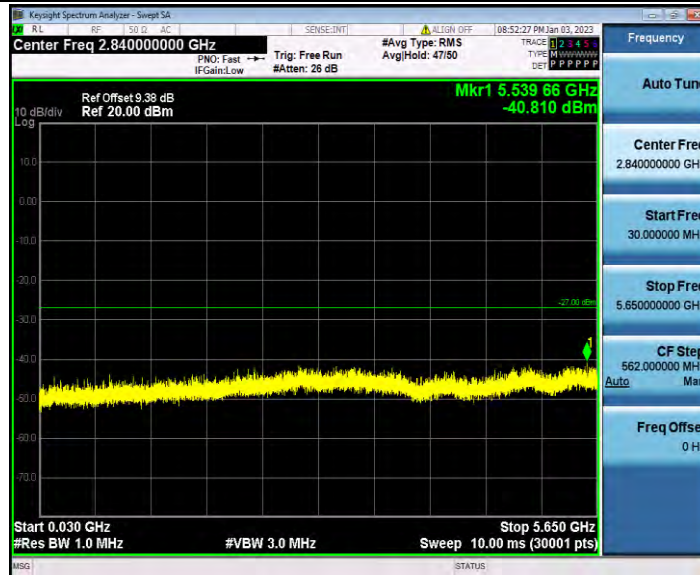
11N40SISO\_Ant1\_5795\_30~5650



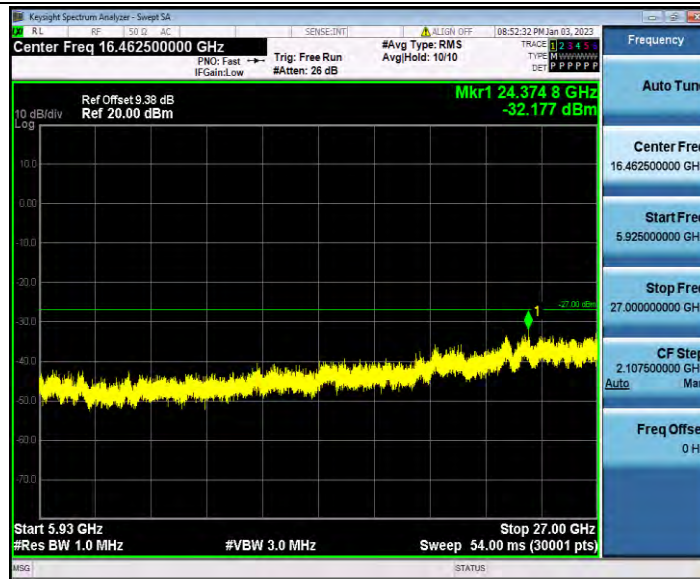
# 11N40SISO\_Ant1\_5795\_5925~40000



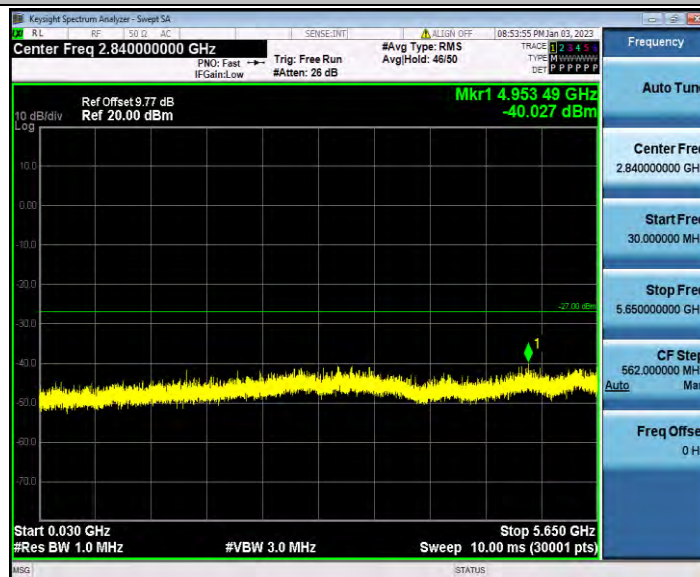
# 11AC20SISO\_Ant1\_5745\_30~5650



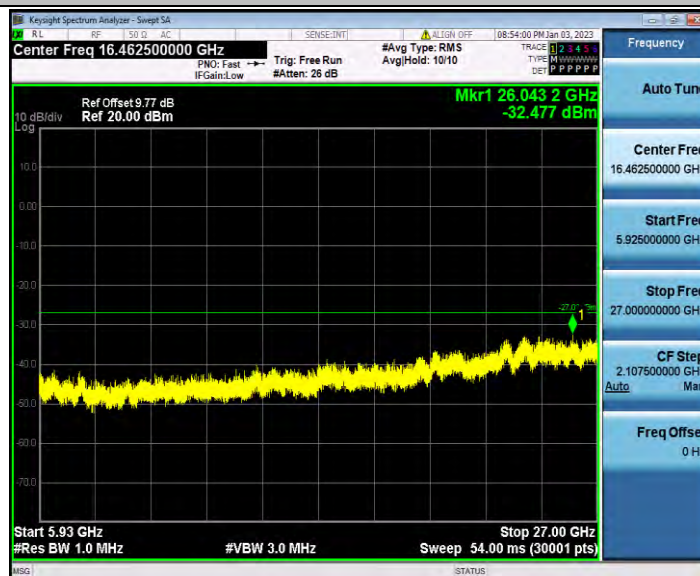
# 11AC20SISO\_Ant1\_5745\_5925~40000



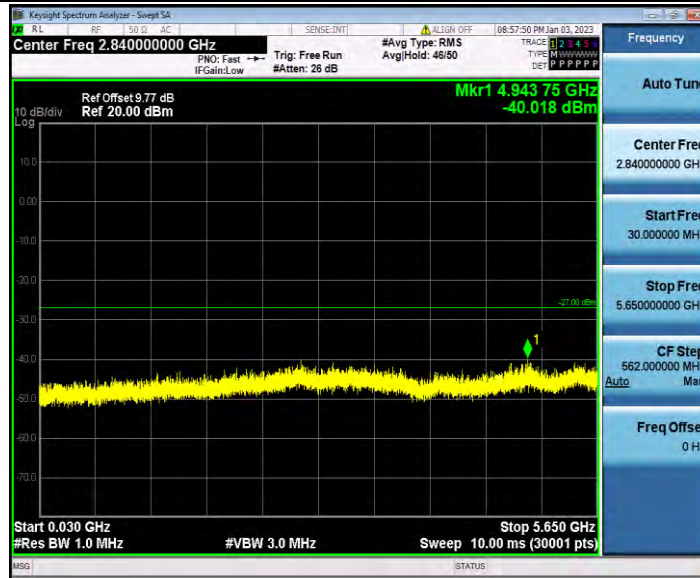
11AC20SISO\_Ant1\_5785\_30~5650



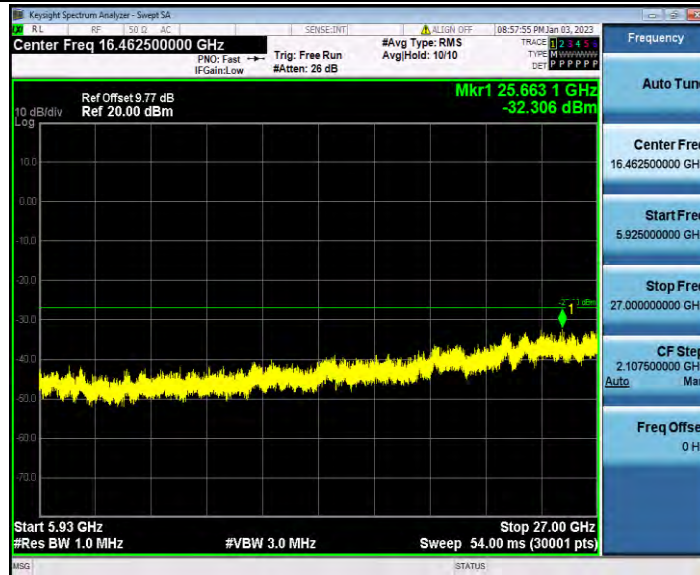
11AC20SISO\_Ant1\_5785\_5925~40000



# 11AC20SISO\_Ant1\_5825\_30~5650



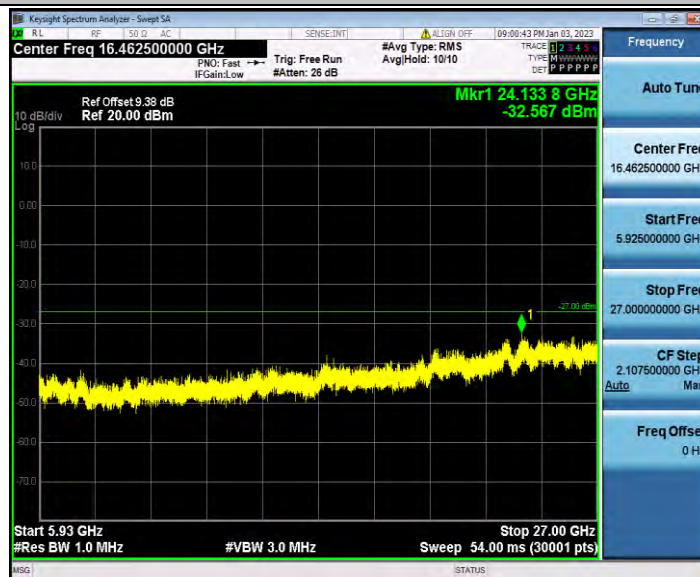
# 11AC20SISO\_Ant1\_5825\_5925~40000



# 11AC40SISO\_Ant1\_5755\_30~5650



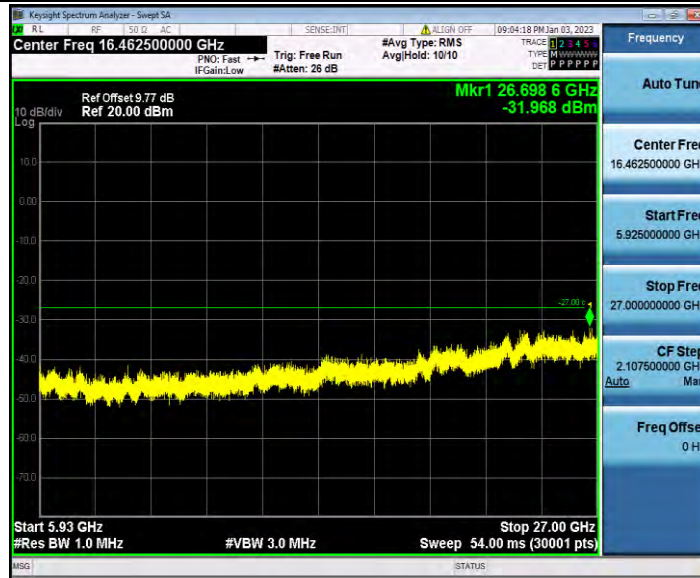
11AC40SISO\_Ant1\_5755\_5925~40000



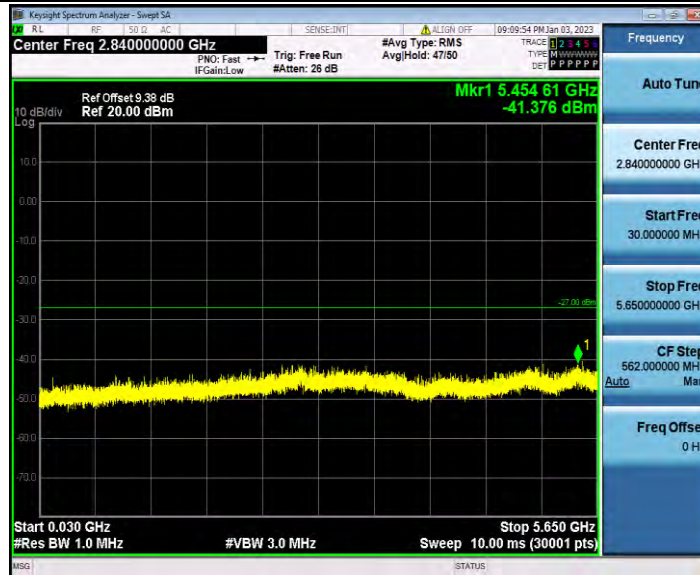
11AC40SISO\_Ant1\_5795\_30~5650



# 11AC40SISO\_Ant1\_5795\_5925~40000



# 11AC80SISO\_Ant1\_5775\_30~5650



# 11AC80SISO\_Ant1\_5775\_5925~40000

