

|                                                       |                                          |
|-------------------------------------------------------|------------------------------------------|
| <b>Case No. :</b> <u>GTS20240604012-1-04</u>          |                                          |
| <b>Ambient Condition:</b> <u>22</u> °C, <u>51</u> %RH |                                          |
| <b>According Standard:</b> <u>■Part15E</u>            |                                          |
| <b>Test Date:</b> <u>2025.1.6</u>                     | <b>Test Engineer:</b> <u>Evan ouyang</u> |

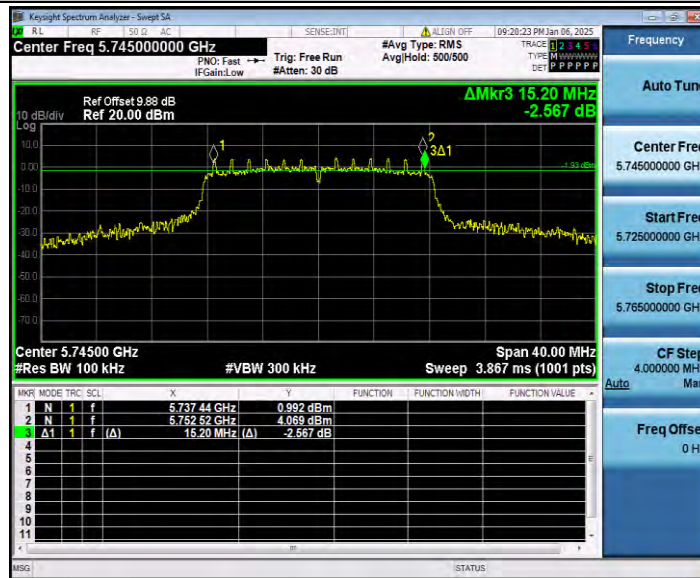
## Appendix G.1: Min emission bandwidth

### Test Result B4

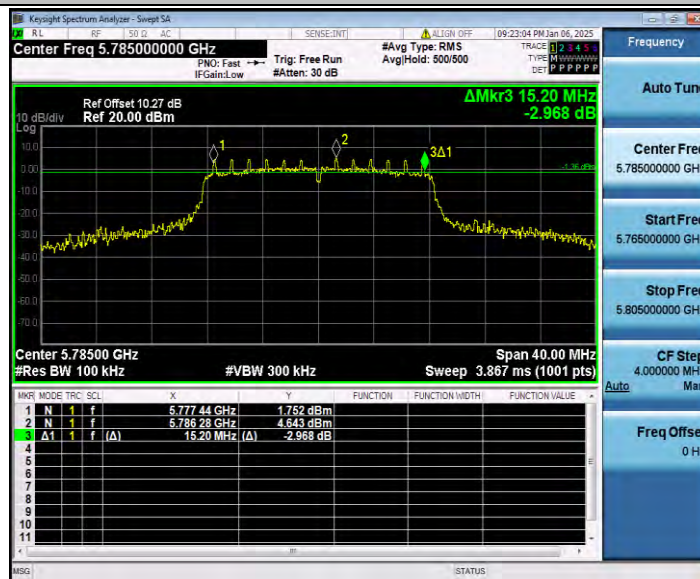
| TestMode   | Antenna | Freq(MHz) | 6db EBW [MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|------------|---------|-----------|---------------|----------|----------|------------|---------|
| 11A        | Ant0    | 5745      | 15.200        | 5737.440 | 5752.640 | 0.5        | PASS    |
|            |         | 5785      | 15.200        | 5777.440 | 5792.640 | 0.5        | PASS    |
|            |         | 5825      | 15.200        | 5817.440 | 5832.640 | 0.5        | PASS    |
| 11N20SISO  | Ant0    | 5745      | 15.200        | 5737.440 | 5752.640 | 0.5        | PASS    |
|            |         | 5785      | 15.200        | 5777.440 | 5792.640 | 0.5        | PASS    |
|            |         | 5825      | 15.200        | 5817.440 | 5832.640 | 0.5        | PASS    |
| 11N40SISO  | Ant0    | 5755      | 35.120        | 5737.480 | 5772.600 | 0.5        | PASS    |
|            |         | 5795      | 35.120        | 5777.480 | 5812.600 | 0.5        | PASS    |
| 11AC20SISO | Ant0    | 5745      | 15.200        | 5737.440 | 5752.640 | 0.5        | PASS    |
|            |         | 5785      | 15.200        | 5777.440 | 5792.640 | 0.5        | PASS    |
|            |         | 5825      | 15.200        | 5817.440 | 5832.640 | 0.5        | PASS    |
| 11AC40SISO | Ant0    | 5755      | 35.120        | 5737.480 | 5772.600 | 0.5        | PASS    |
|            |         | 5795      | 35.120        | 5777.480 | 5812.600 | 0.5        | PASS    |
| 11AC80SISO | Ant0    | 5775      | 75.200        | 5737.400 | 5812.600 | 0.5        | PASS    |
| 11AX20SISO | Ant0    | 5745      | 15.200        | 5737.440 | 5752.640 | 0.5        | PASS    |
|            |         | 5785      | 15.560        | 5777.080 | 5792.640 | 0.5        | PASS    |
|            |         | 5825      | 15.320        | 5817.440 | 5832.760 | 0.5        | PASS    |
| 11AX40SISO | Ant0    | 5755      | 35.120        | 5737.480 | 5772.600 | 0.5        | PASS    |
|            |         | 5795      | 35.120        | 5777.480 | 5812.600 | 0.5        | PASS    |
| 11AX80SISO | Ant0    | 5775      | 75.200        | 5737.400 | 5812.600 | 0.5        | PASS    |

## Test Graphs B4

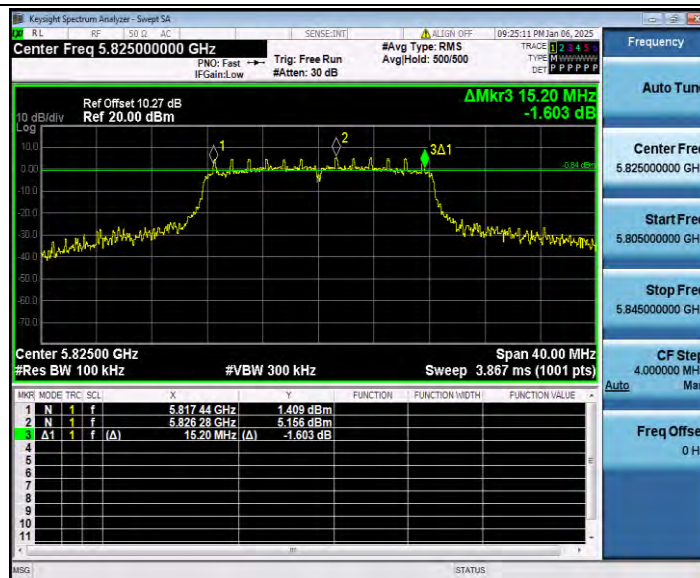
11A\_Ant0\_5745



11A\_Ant0\_5785



11A\_Ant0\_5825



11N20SISO\_Ant0\_5745



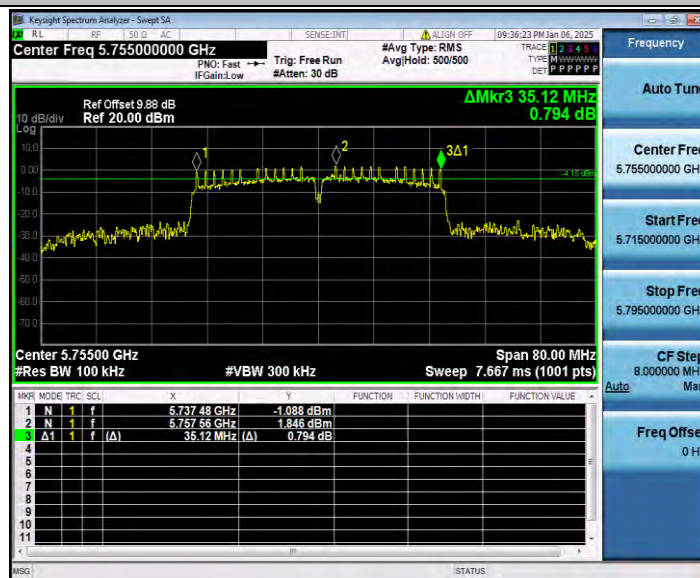
11N20SISO\_Ant0\_5785



## 11N20SISO\_Ant0\_5825

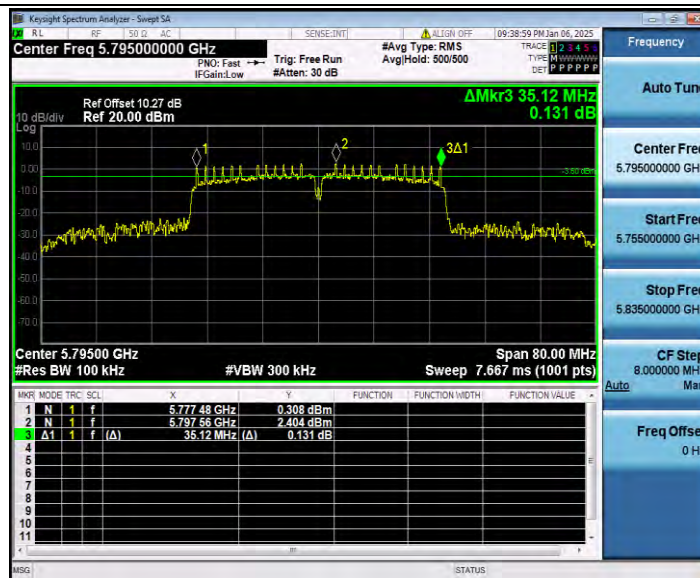


## 11N40SISO\_Ant0\_5755



## 11N40SISO\_Ant0\_5795

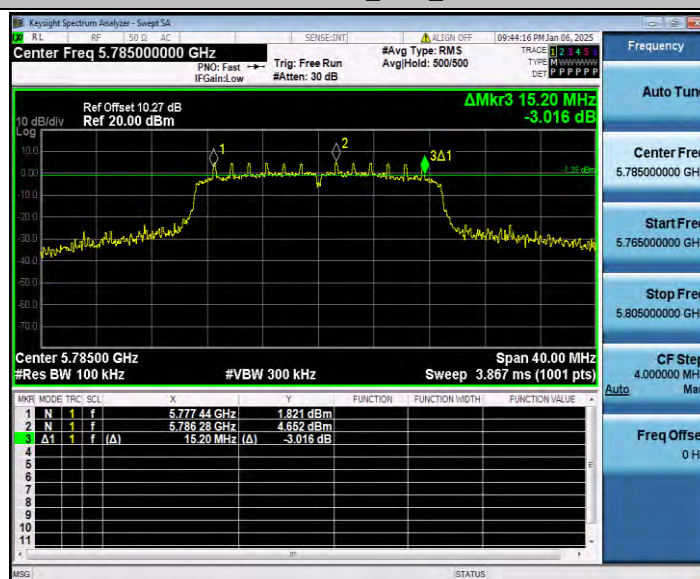




11AC20SISO\_Ant0\_5745



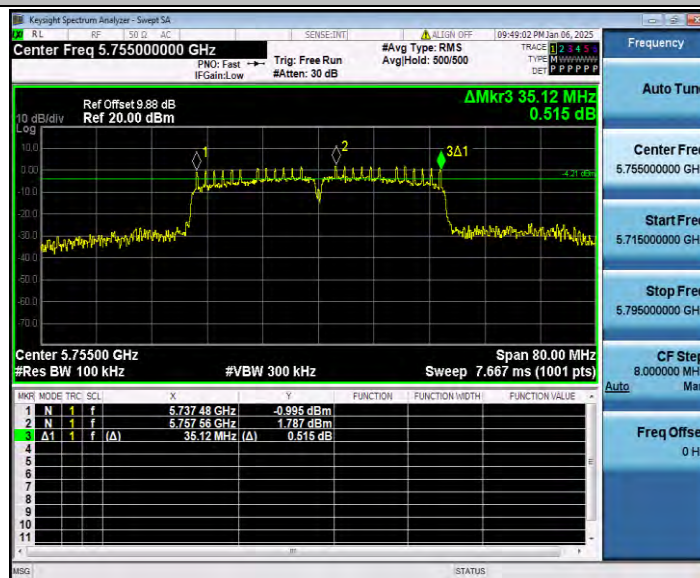
11AC20SISO\_Ant0\_5785



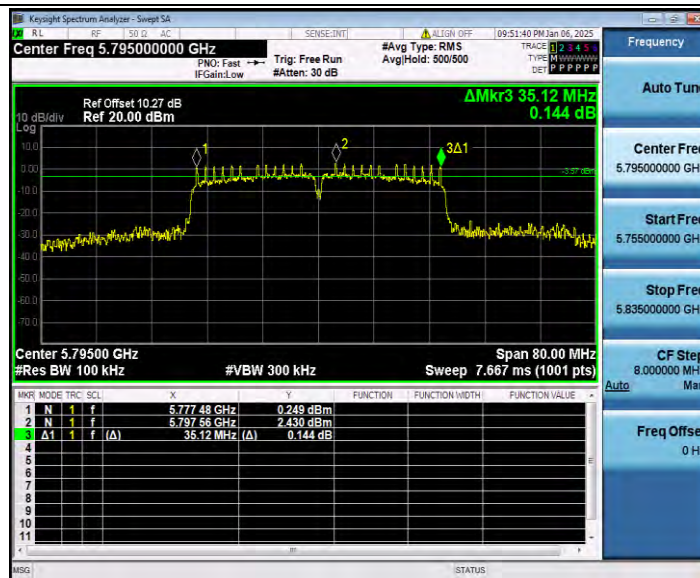
## 11AC20SISO\_Ant0\_5825



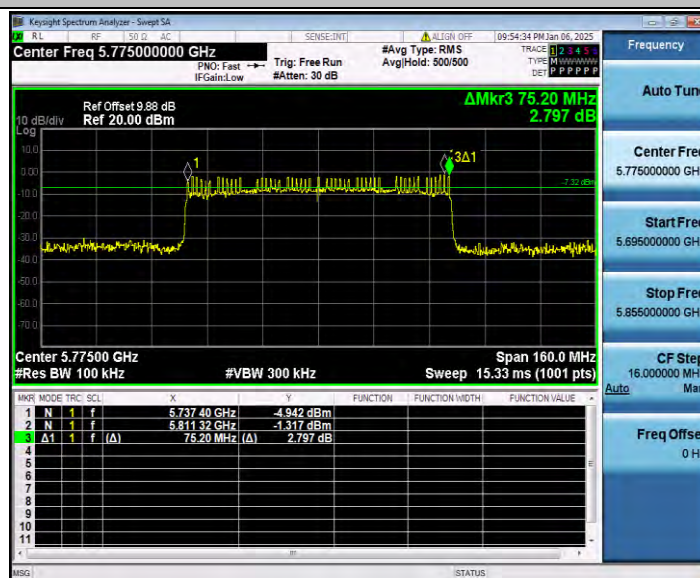
## 11AC40SISO\_Ant0\_5755



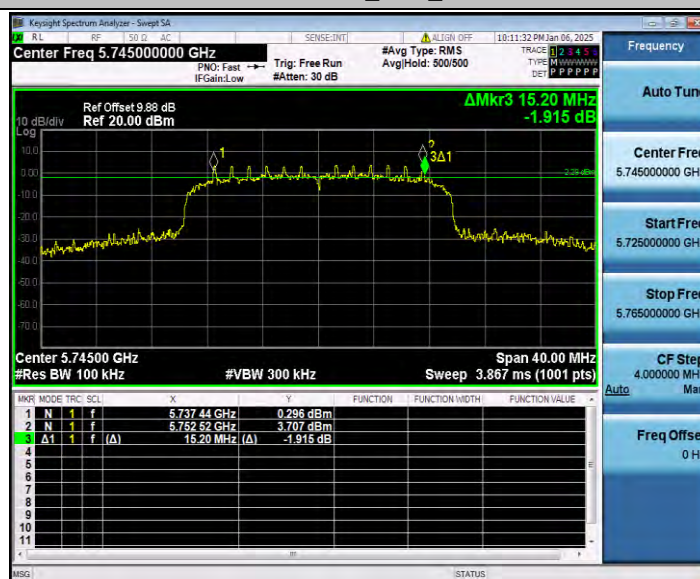
## 11AC40SISO\_Ant0\_5795



11AC80SISO\_Ant0\_5775

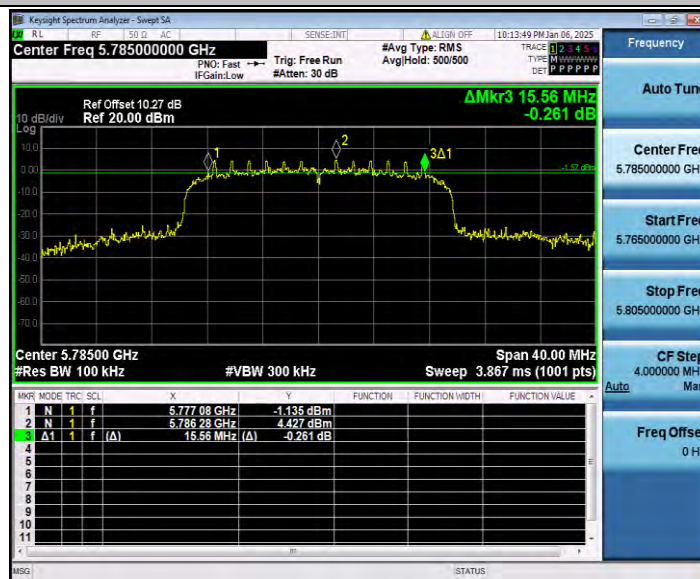


11AX20SISO\_Ant0\_5745





## 11AX20SISO\_Ant0\_5785

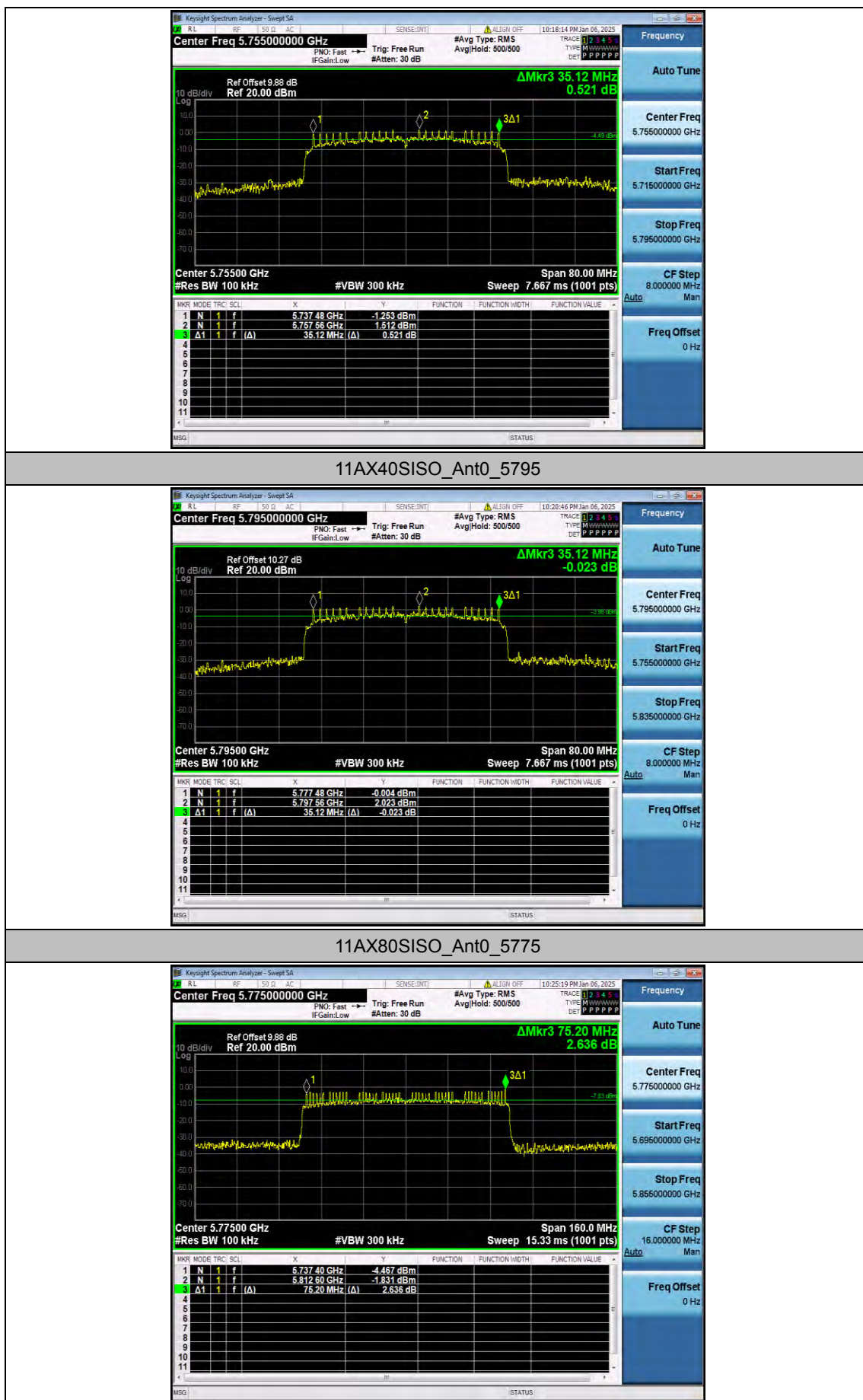


## 11AX20SISO\_Ant0\_5825



## 11AX40SISO\_Ant0\_5755





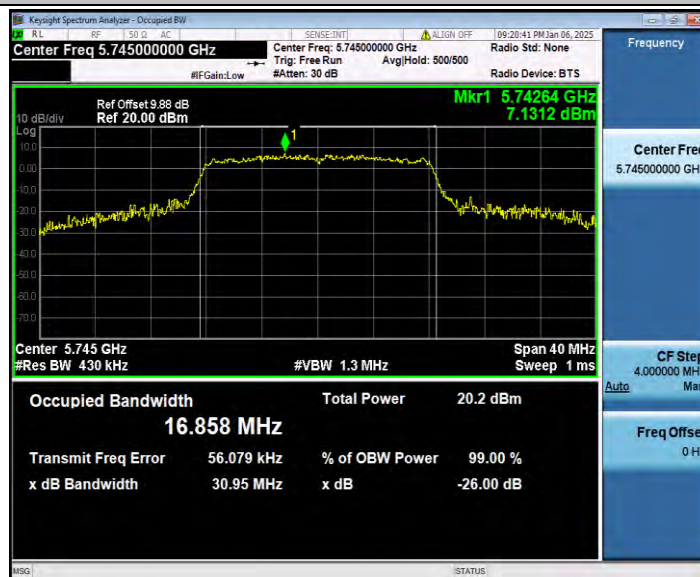
## Appendix G.2: Occupied channel bandwidth

### Test Result

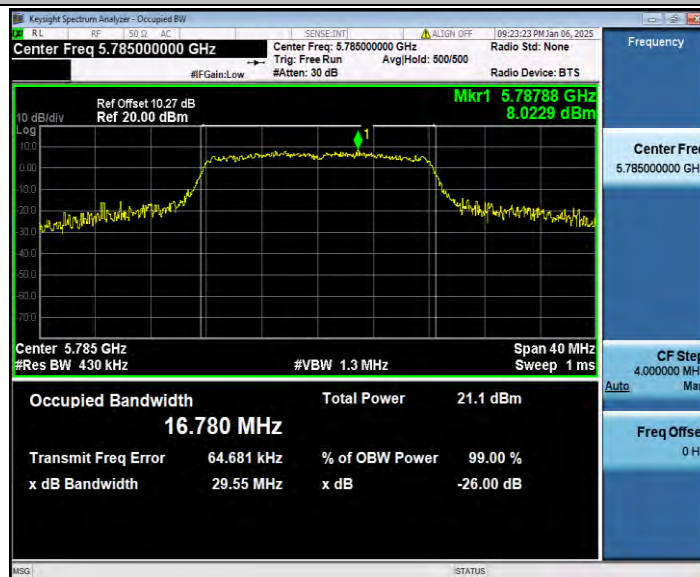
| TestMode   | Antenna | Freq(MHz) | OCB [MHz] | FL[MHz]   | FH[MHz]   | Limit[MHz] | Verdict |
|------------|---------|-----------|-----------|-----------|-----------|------------|---------|
| 11A        | Ant0    | 5745      | 16.858    | 5736.6271 | 5753.4851 | ---        | ---     |
|            |         | 5785      | 16.780    | 5776.6747 | 5793.4547 | ---        | ---     |
|            |         | 5825      | 16.655    | 5816.7596 | 5833.4146 | ---        | ---     |
| 11N20SISO  | Ant0    | 5745      | 17.828    | 5736.1911 | 5754.0191 | ---        | ---     |
|            |         | 5785      | 17.664    | 5776.2011 | 5793.8651 | ---        | ---     |
|            |         | 5825      | 17.624    | 5816.2661 | 5833.8901 | ---        | ---     |
| 11N40SISO  | Ant0    | 5755      | 43.364    | 5734.8073 | 5778.1713 | ---        | ---     |
|            |         | 5795      | 41.907    | 5772.9897 | 5814.8967 | ---        | ---     |
| 11AC20SISO | Ant0    | 5745      | 17.674    | 5736.2099 | 5753.8839 | ---        | ---     |
|            |         | 5785      | 17.626    | 5776.2183 | 5793.8443 | ---        | ---     |
|            |         | 5825      | 17.506    | 5816.3072 | 5833.8132 | ---        | ---     |
| 11AC40SISO | Ant0    | 5755      | 36.462    | 5737.1295 | 5773.5915 | ---        | ---     |
|            |         | 5795      | 36.391    | 5777.0650 | 5813.4560 | ---        | ---     |
| 11AC80SISO | Ant0    | 5775      | 76.196    | 5737.2594 | 5813.4554 | ---        | ---     |
| 11AX20SISO | Ant0    | 5745      | 18.409    | 5735.8742 | 5754.2832 | ---        | ---     |
|            |         | 5785      | 18.436    | 5775.8151 | 5794.2511 | ---        | ---     |
|            |         | 5825      | 18.369    | 5815.8551 | 5834.2241 | ---        | ---     |
| 11AX40SISO | Ant0    | 5755      | 36.948    | 5736.6958 | 5773.6438 | ---        | ---     |
|            |         | 5795      | 36.852    | 5776.7050 | 5813.5570 | ---        | ---     |
| 11AX80SISO | Ant0    | 5775      | 77.720    | 5736.2954 | 5814.0154 | ---        | ---     |

## Test Graphs

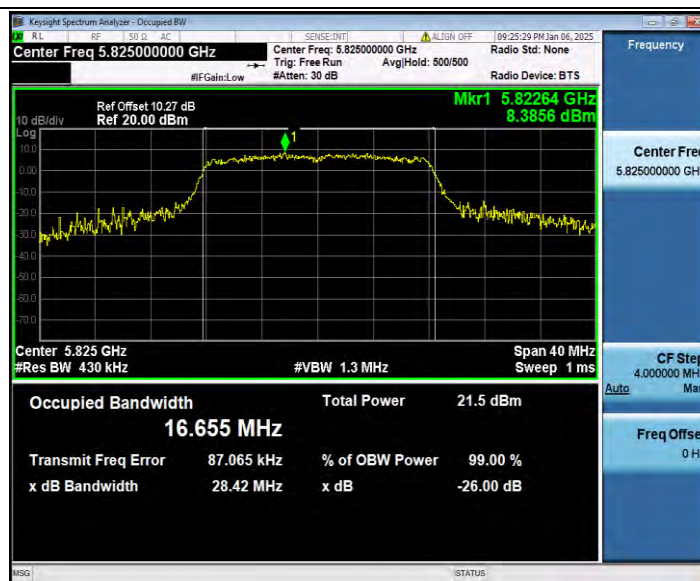
11A\_Ant0\_5745



11A\_Ant0\_5785



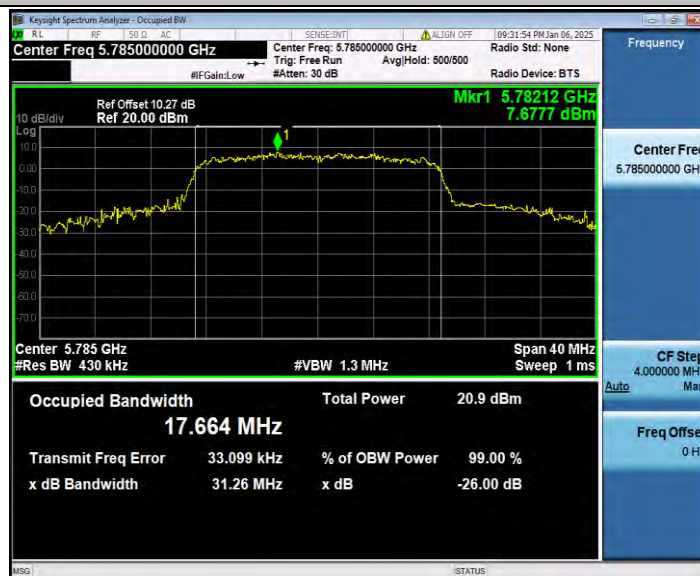
11A\_Ant0\_5825



11N20SISO\_Ant0\_5745



11N20SISO\_Ant0\_5785





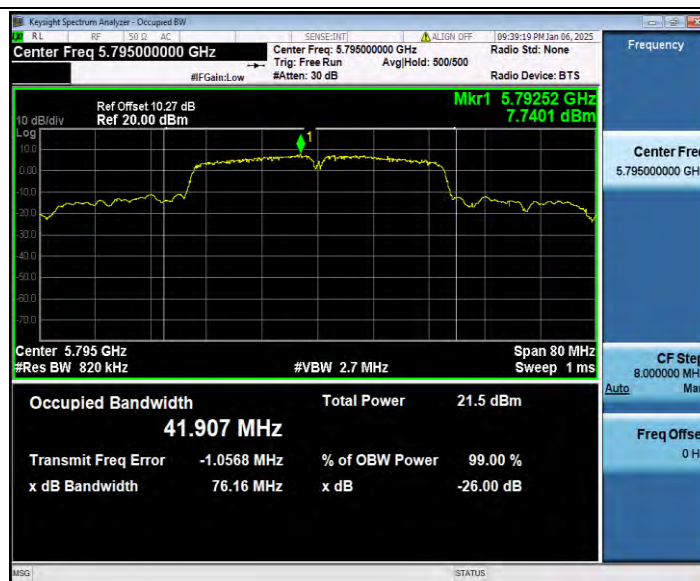
## 11N20SISO\_Ant0\_5825



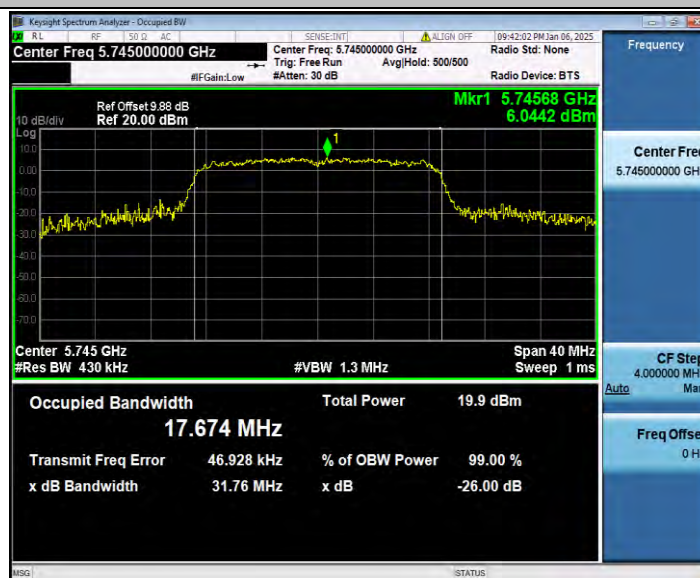
## 11N40SISO\_Ant0\_5755



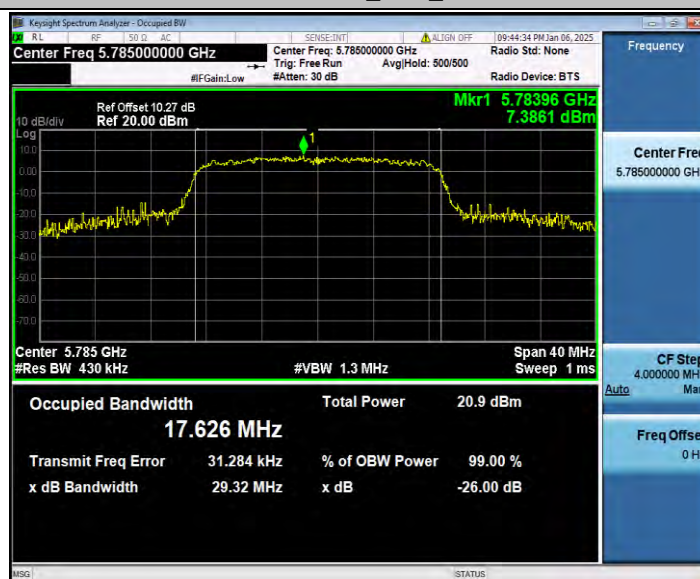
## 11N40SISO\_Ant0\_5795



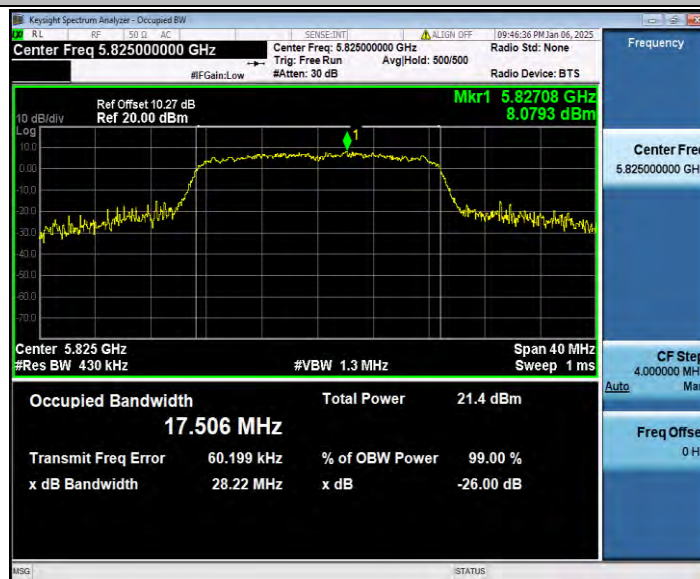
11AC20SISO\_Ant0\_5745



11AC20SISO\_Ant0\_5785



## 11AC20SISO\_Ant0\_5825



## 11AC40SISO\_Ant0\_5755



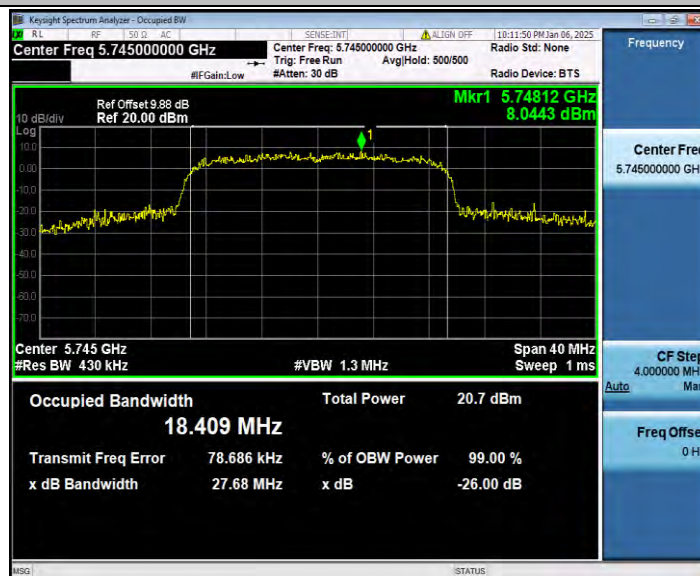
## 11AC40SISO\_Ant0\_5795



11AC80SISO\_Ant0\_5775



11AX20SISO\_Ant0\_5745





## 11AX20SISO\_Ant0\_5785



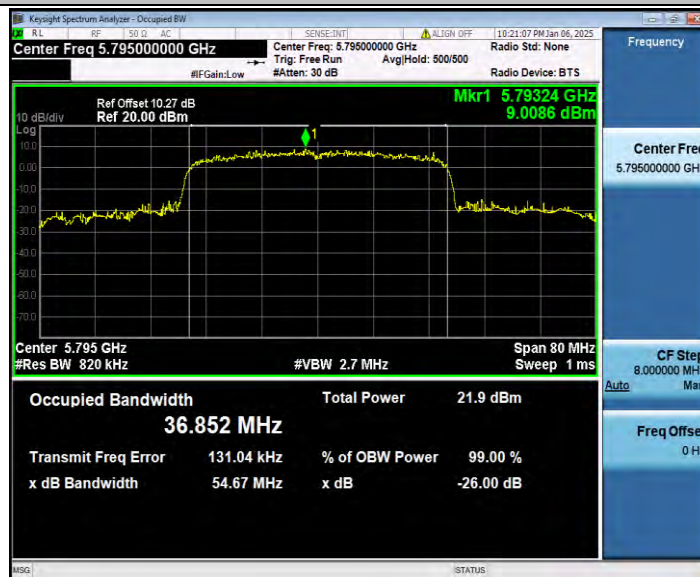
## 11AX20SISO\_Ant0\_5825



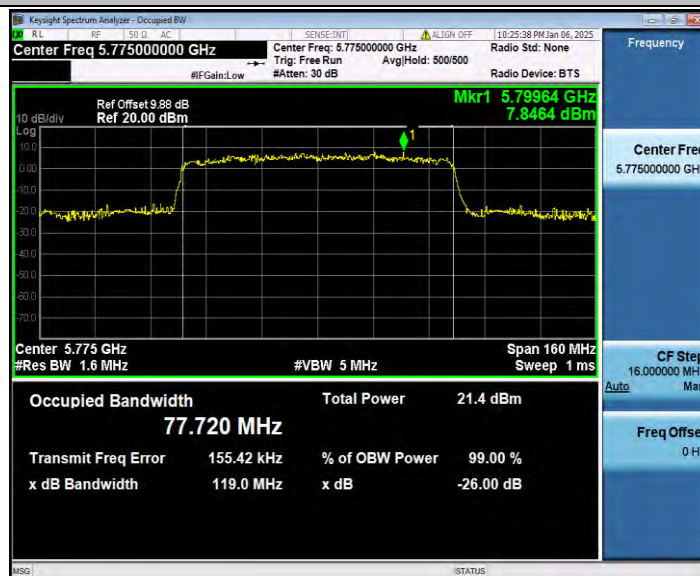
## 11AX40SISO\_Ant0\_5755



11AX40ISO\_Ant0\_5795



11AX80ISO\_Ant0\_5775



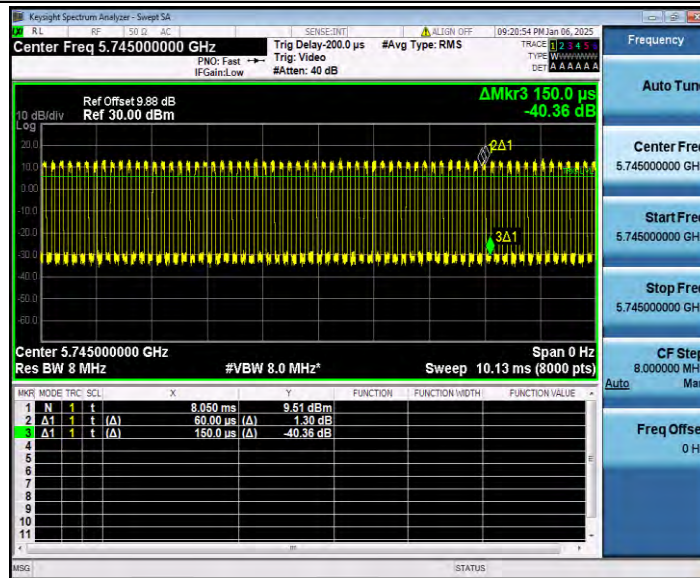
## Appendix G.3: Duty Cycle

### Test Result

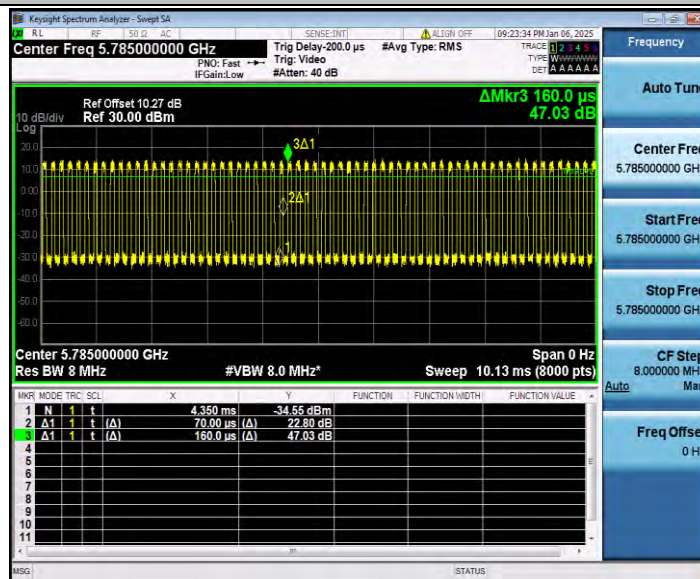
| TestMode   | Antenna | Freq(MHz) | Transmission Duration [ms] | Transmission Period [ms] | Duty Cycle [%] | Duty Cycle Factor[dB] | 1/T Factor[KHz] |
|------------|---------|-----------|----------------------------|--------------------------|----------------|-----------------------|-----------------|
| 11A        | Ant0    | 5745      | 0.06                       | 0.15                     | 40.00          | 3.98                  | 16.67           |
|            |         | 5785      | 0.07                       | 0.16                     | 43.75          | 3.59                  | 14.29           |
|            |         | 5825      | 0.06                       | 0.15                     | 40.00          | 3.98                  | 16.67           |
| 11N20SISO  | Ant0    | 5745      | 0.08                       | 0.17                     | 47.06          | 3.27                  | 12.50           |
|            |         | 5785      | 0.08                       | 0.17                     | 47.06          | 3.27                  | 12.50           |
|            |         | 5825      | 0.08                       | 0.17                     | 47.06          | 3.27                  | 12.50           |
| 11N40SISO  | Ant0    | 5755      | 0.05                       | 0.14                     | 35.71          | 4.47                  | 20.00           |
|            |         | 5795      | 0.05                       | 0.14                     | 35.71          | 4.47                  | 20.00           |
| 11AC20SISO | Ant0    | 5745      | 0.09                       | 0.18                     | 50.00          | 3.01                  | 11.11           |
|            |         | 5785      | 0.09                       | 0.18                     | 50.00          | 3.01                  | 11.11           |
|            |         | 5825      | 0.09                       | 0.18                     | 50.00          | 3.01                  | 11.11           |
| 11AC40SISO | Ant0    | 5755      | 0.07                       | 0.16                     | 43.75          | 3.59                  | 14.29           |
|            |         | 5795      | 0.06                       | 0.15                     | 40.00          | 3.98                  | 16.67           |
| 11AC80SISO | Ant0    | 5775      | 0.05                       | 0.14                     | 35.71          | 4.47                  | 20.00           |
| 11AX20SISO | Ant0    | 5745      | 0.09                       | 0.18                     | 50.00          | 3.01                  | 11.11           |
|            |         | 5785      | 0.08                       | 0.17                     | 47.06          | 3.27                  | 12.50           |
|            |         | 5825      | 0.09                       | 0.18                     | 50.00          | 3.01                  | 11.11           |
| 11AX40SISO | Ant0    | 5755      | 0.08                       | 0.17                     | 47.06          | 3.27                  | 12.50           |
|            |         | 5795      | 0.09                       | 0.18                     | 50.00          | 3.01                  | 11.11           |
| 11AX80SISO | Ant0    | 5775      | 0.07                       | 0.16                     | 43.75          | 3.59                  | 14.29           |

## Test Graphs

11A\_Ant0\_5745

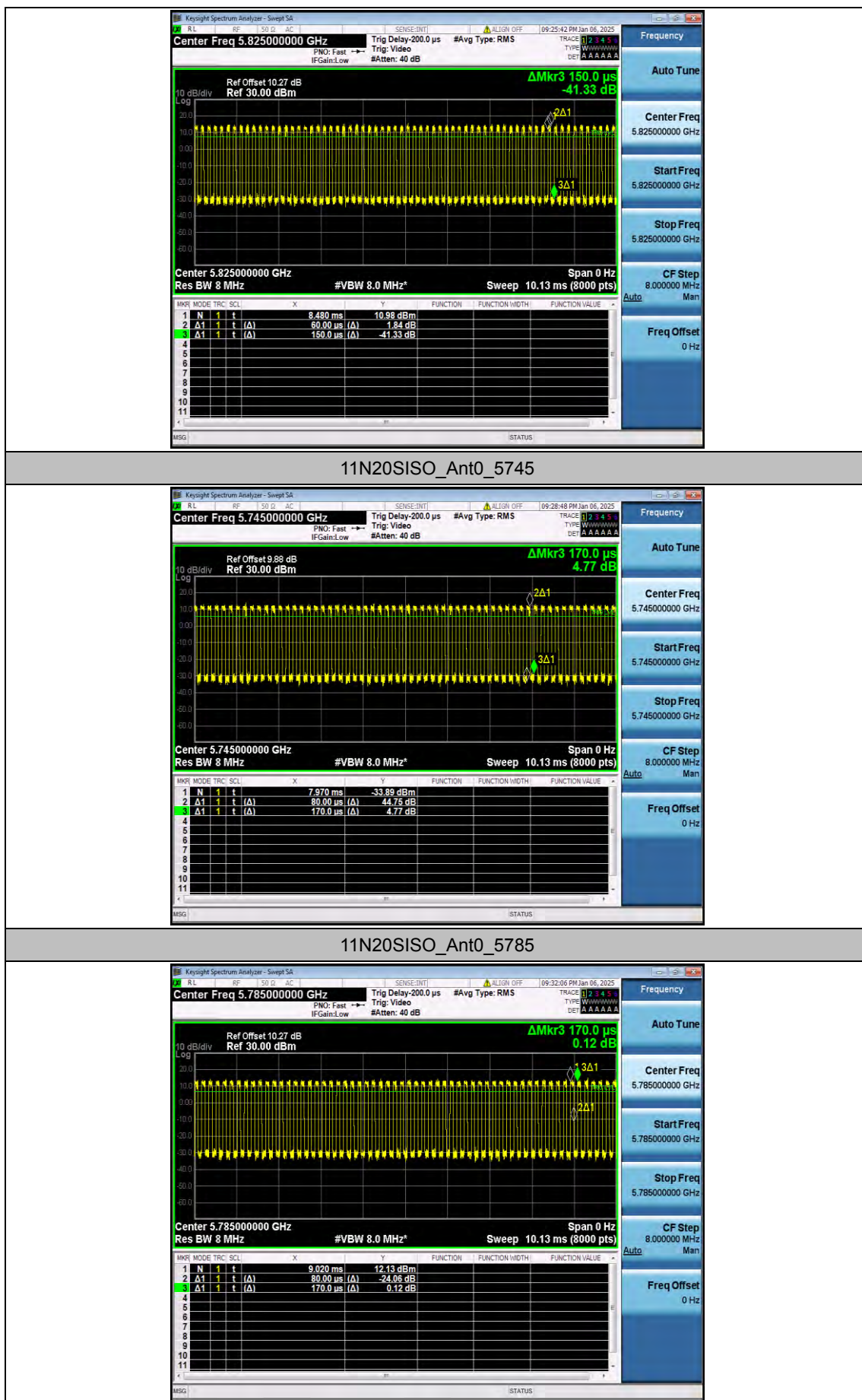


11A\_Ant0\_5785

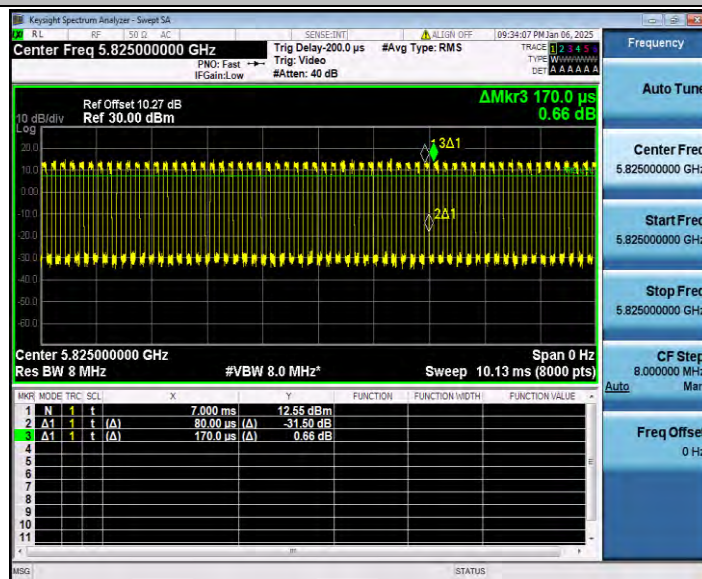


11A\_Ant0\_5825

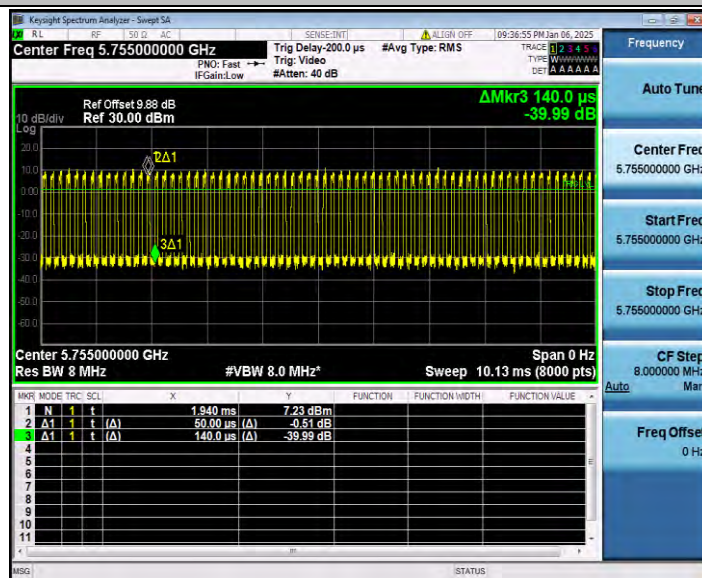




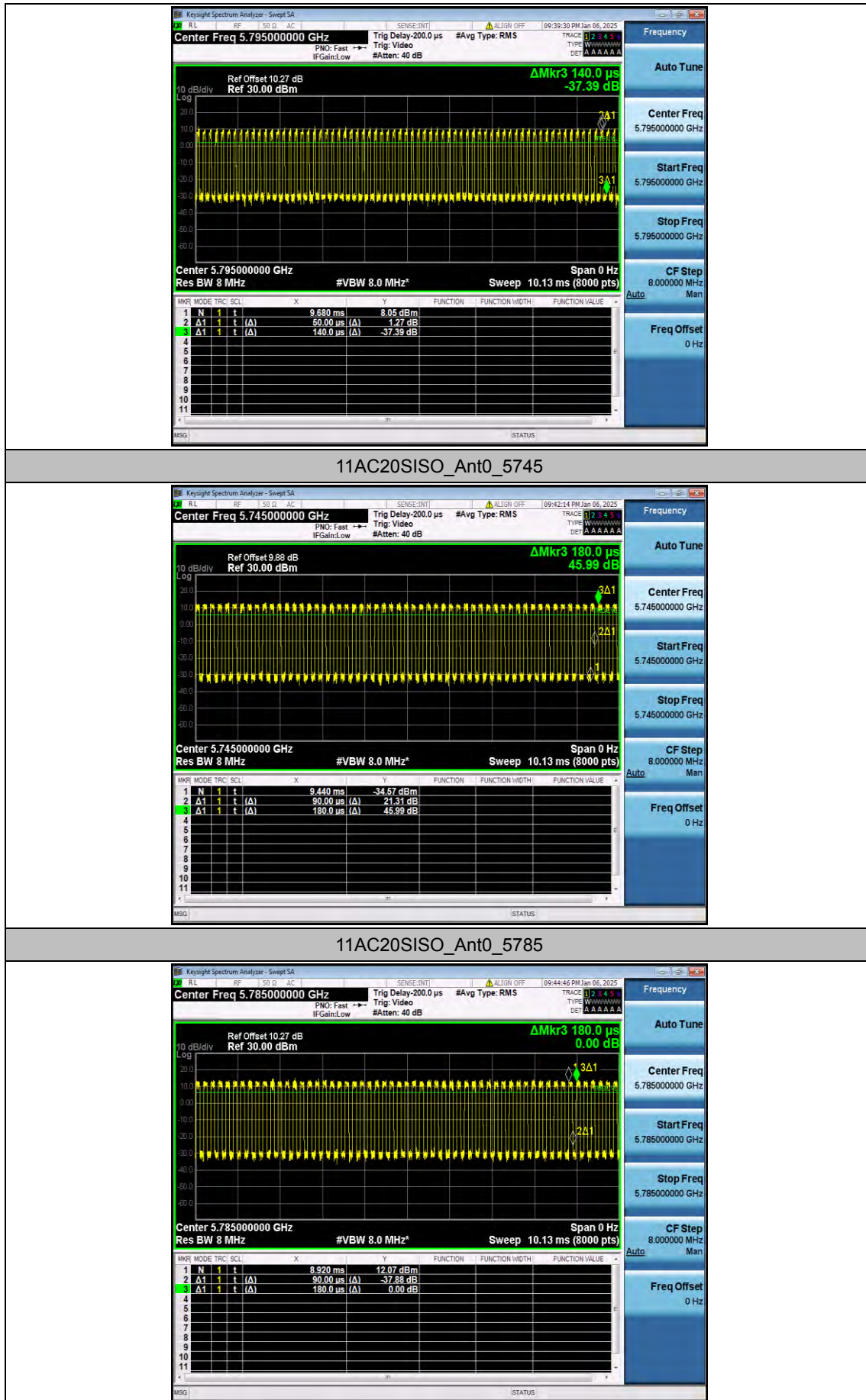
## 11N20SISO\_Ant0\_5825



## 11N40SISO\_Ant0\_5755

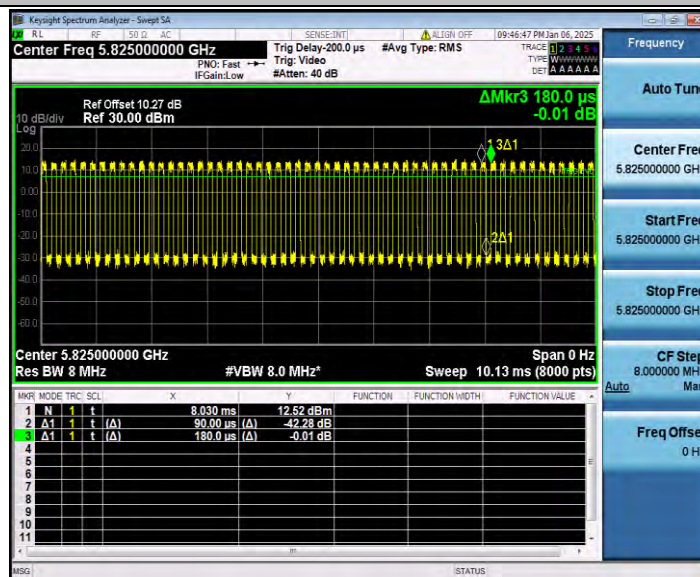


## 11N40SISO\_Ant0\_5795

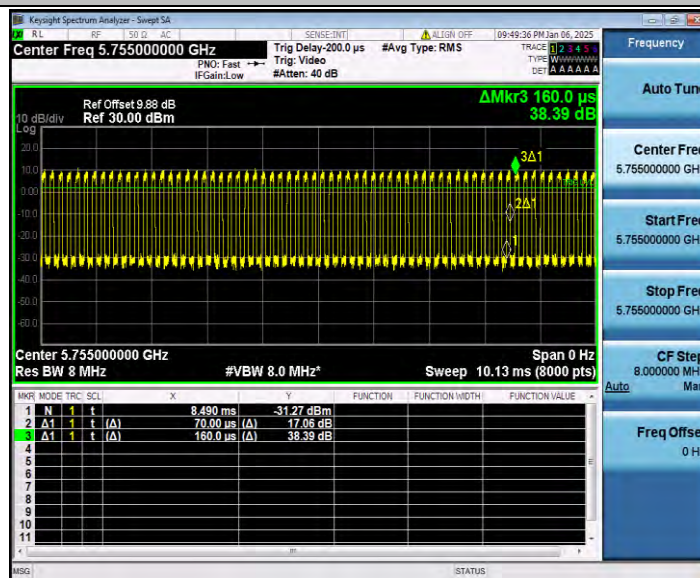




## 11AC20SISO\_Ant0\_5825

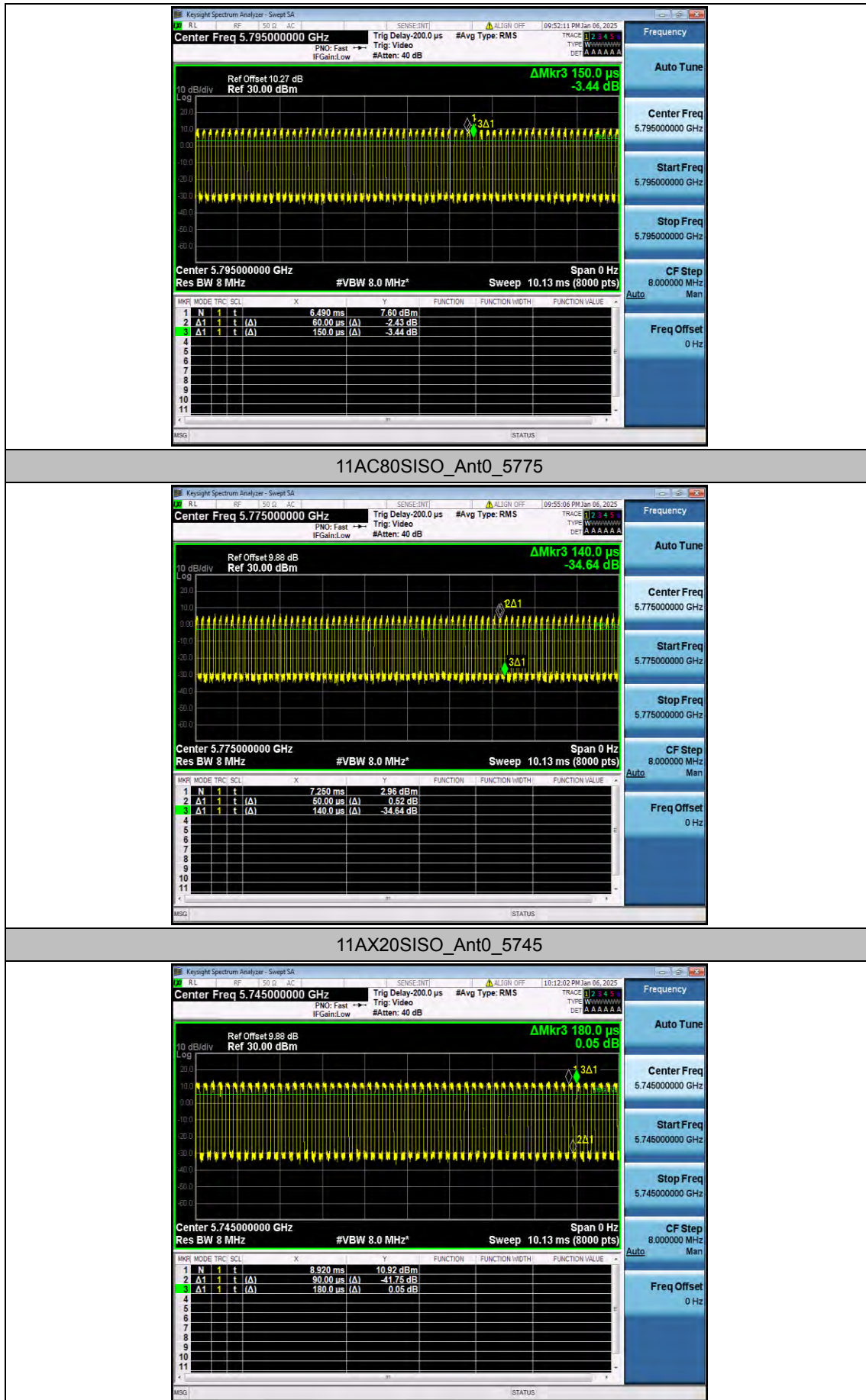


## 11AC40SISO\_Ant0\_5755

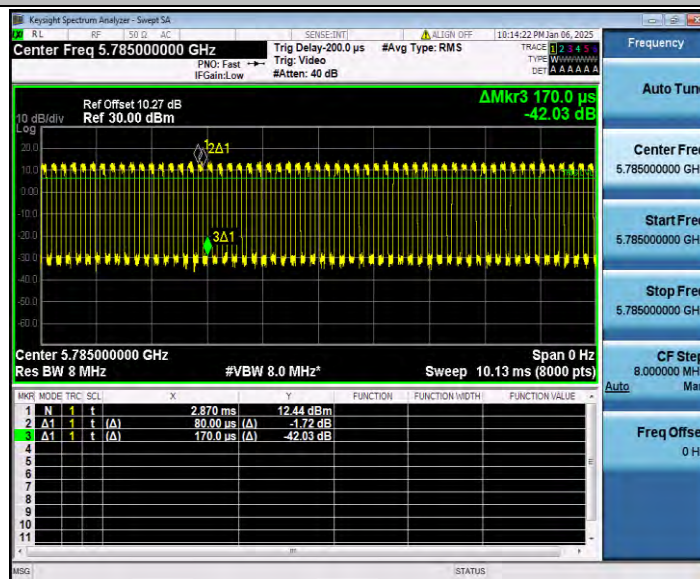


## 11AC40SISO\_Ant0\_5795

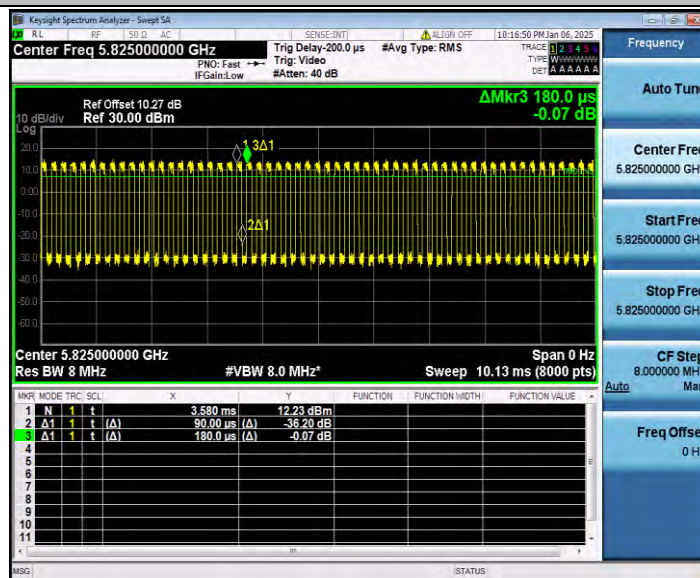




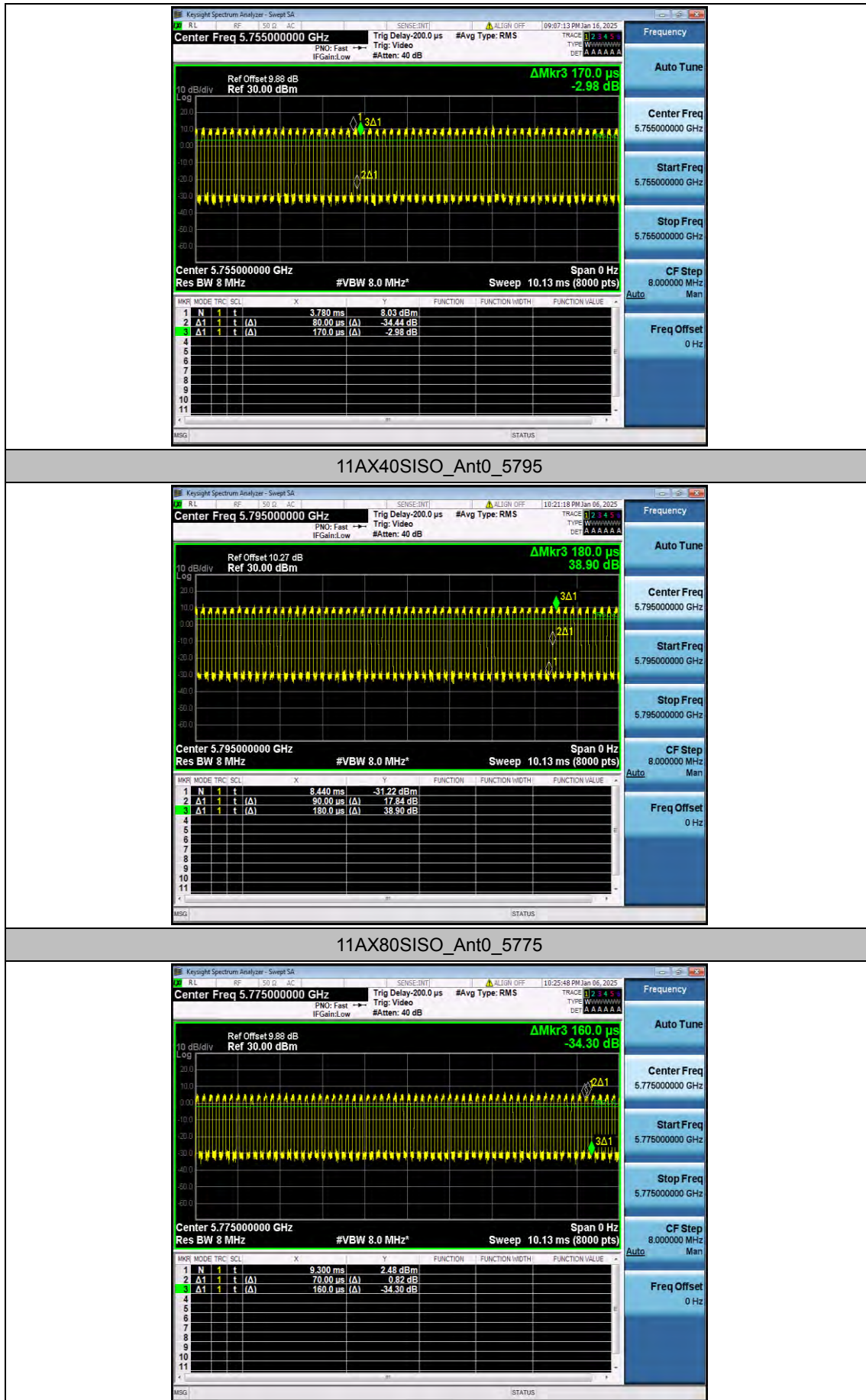
## 11AX20SISO\_Ant0\_5785



## 11AX20SISO\_Ant0\_5825



## 11AX40SISO\_Ant0\_5755



## Appendix G.4: Maximum conducted output power

### Test Result Channel Power

| Test Mode  | Antenna | Freq(MHz) | Channel Power [dBm] | Duty Cycle [%] | DC Factor [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|------------|---------|-----------|---------------------|----------------|-----------------|--------------|-------------|---------|
| 11A        | Ant0    | 5745      | 10.34               | 40.00          | 3.98            | 14.32        | ≤30.00      | PASS    |
|            |         | 5785      | 11.21               | 43.75          | 3.59            | 14.80        | ≤30.00      | PASS    |
|            |         | 5825      | 11.68               | 40.00          | 3.98            | 15.66        | ≤30.00      | PASS    |
| 11N20SISO  | Ant0    | 5745      | 10.57               | 47.06          | 3.27            | 13.84        | ≤30.00      | PASS    |
|            |         | 5785      | 11.49               | 47.06          | 3.27            | 14.76        | ≤30.00      | PASS    |
|            |         | 5825      | 12.03               | 47.06          | 3.27            | 15.30        | ≤30.00      | PASS    |
| 11N40SISO  | Ant0    | 5755      | 9.83                | 35.71          | 4.47            | 14.30        | ≤30.00      | PASS    |
|            |         | 5795      | 10.64               | 35.71          | 4.47            | 15.11        | ≤30.00      | PASS    |
| 11AC20SISO | Ant0    | 5745      | 10.80               | 50.00          | 3.01            | 13.81        | ≤30.00      | PASS    |
|            |         | 5785      | 11.72               | 50.00          | 3.01            | 14.73        | ≤30.00      | PASS    |
|            |         | 5825      | 12.20               | 50.00          | 3.01            | 15.21        | ≤30.00      | PASS    |
| 11AC40SISO | Ant0    | 5755      | 10.22               | 43.75          | 3.59            | 13.81        | ≤30.00      | PASS    |
|            |         | 5795      | 11.00               | 40.00          | 3.98            | 14.98        | ≤30.00      | PASS    |
| 11AC80SISO | Ant0    | 5775      | 9.40                | 35.71          | 4.47            | 13.87        | ≤30.00      | PASS    |
| 11AX20SISO | Ant0    | 5745      | 10.64               | 50.00          | 3.01            | 13.65        | ≤30.00      | PASS    |
|            |         | 5785      | 11.51               | 47.06          | 3.27            | 14.78        | ≤30.00      | PASS    |
|            |         | 5825      | 12.04               | 50.00          | 3.01            | 15.05        | ≤30.00      | PASS    |
| 11AX40SISO | Ant0    | 5755      | 10.56               | 47.06          | 3.27            | 13.83        | ≤30.00      | PASS    |
|            |         | 5795      | 11.30               | 50.00          | 3.01            | 14.31        | ≤30.00      | PASS    |
| 11AX80SISO | Ant0    | 5775      | 10.11               | 43.75          | 3.59            | 13.70        | ≤30.00      | PASS    |



## Appendix G.5: Maximum power spectral density

### Test Result

| TestMode   | Antenna | Freq(MHz) | Result [dBm/MHz] | Limit[dBm/MHz] | Verdict |
|------------|---------|-----------|------------------|----------------|---------|
| 11A        | Ant0    | 5745      | 1.80             | ≤30.00         | PASS    |
|            |         | 5785      | 2.34             | ≤30.00         | PASS    |
|            |         | 5825      | 3.19             | ≤30.00         | PASS    |
| 11N20SISO  | Ant0    | 5745      | 1.18             | ≤30.00         | PASS    |
|            |         | 5785      | 2.04             | ≤30.00         | PASS    |
|            |         | 5825      | 2.75             | ≤30.00         | PASS    |
| 11N40SISO  | Ant0    | 5755      | 0.22             | ≤30.00         | PASS    |
|            |         | 5795      | 0.89             | ≤30.00         | PASS    |
| 11AC20SISO | Ant0    | 5745      | 1.26             | ≤30.00         | PASS    |
|            |         | 5785      | 2.09             | ≤30.00         | PASS    |
|            |         | 5825      | 2.68             | ≤30.00         | PASS    |
| 11AC40SISO | Ant0    | 5755      | -0.37            | ≤30.00         | PASS    |
|            |         | 5795      | 0.64             | ≤30.00         | PASS    |
| 11AC80SISO | Ant0    | 5775      | -4.52            | ≤30.00         | PASS    |
| 11AX20SISO | Ant0    | 5745      | 0.96             | ≤30.00         | PASS    |
|            |         | 5785      | 2.16             | ≤30.00         | PASS    |
|            |         | 5825      | 2.45             | ≤30.00         | PASS    |
| 11AX40SISO | Ant0    | 5755      | -5.13            | ≤30.00         | PASS    |
|            |         | 5795      | -0.76            | ≤30.00         | PASS    |
| 11AX80SISO | Ant0    | 5775      | -5.02            | ≤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

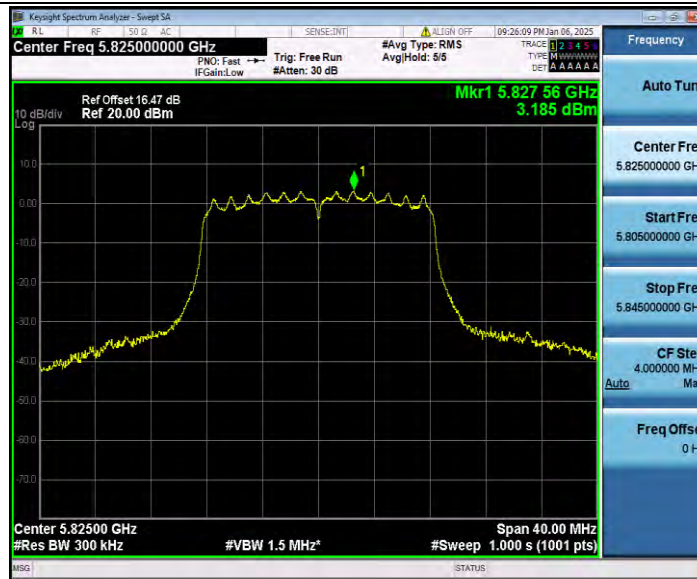
11A\_Ant0\_5745



11A\_Ant0\_5785



11A\_Ant0\_5825



11N20SISO\_Ant0\_5745



11N20SISO\_Ant0\_5785



## 11N20SISO\_Ant0\_5825



## 11N40SISO\_Ant0\_5755



## 11N40SISO\_Ant0\_5795





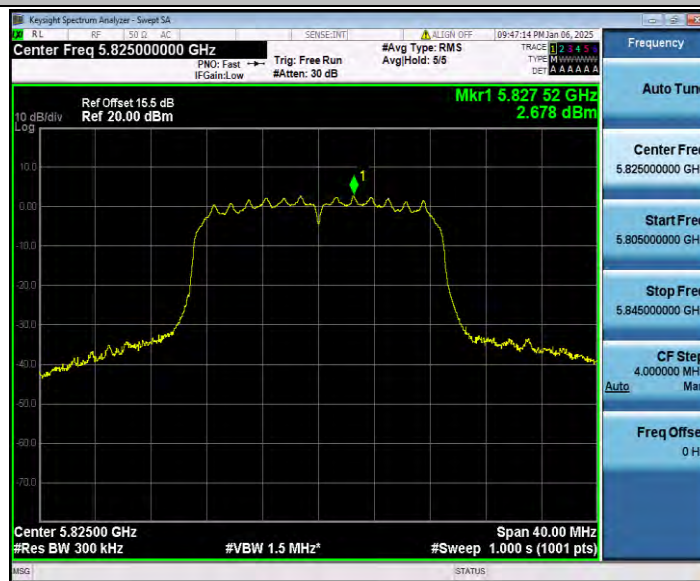
11AC20SISO\_Ant0\_5745



11AC20SISO\_Ant0\_5785



## 11AC20SISO\_Ant0\_5825



## 11AC40SISO\_Ant0\_5755



## 11AC40SISO\_Ant0\_5795



11AC80SISO\_Ant0\_5775



11AX20SISO\_Ant0\_5745



## 11AX20SISO\_Ant0\_5785



## 11AX20SISO\_Ant0\_5825



## 11AX40SISO\_Ant0\_5755



