

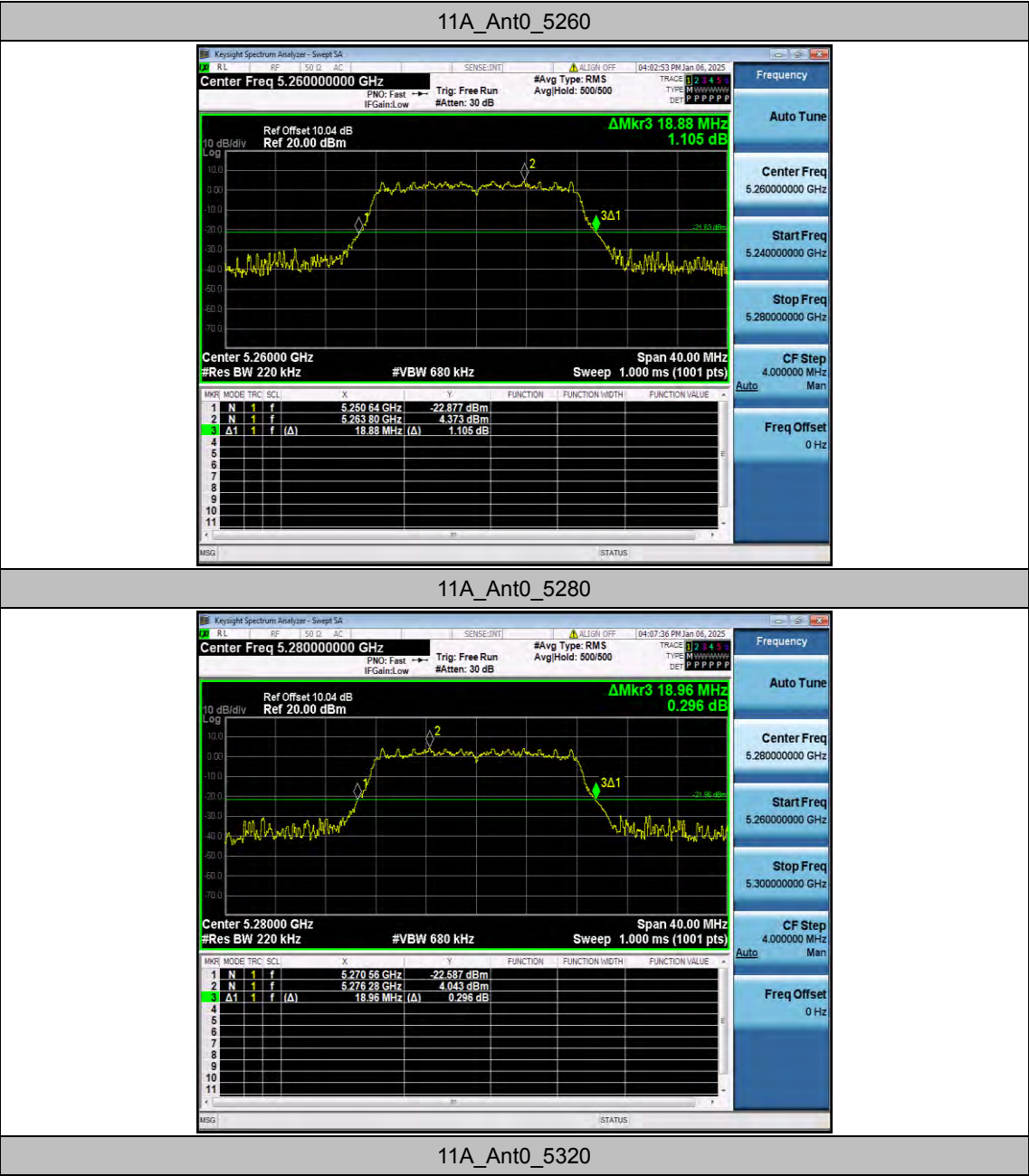
|                                                       |                                          |
|-------------------------------------------------------|------------------------------------------|
| <b>Case No. :</b> <u>GTS20240604012-1-04</u>          |                                         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

## Appendix E.1: Emission Bandwidth

### Test Result

| TestMode   | Antenna | Freq(MHz) | 26db EBW<br>[MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|------------|---------|-----------|-------------------|----------|----------|------------|---------|
| 11A        | Ant0    | 5260      | 18.880            | 5250.640 | 5269.520 | ---        | ---     |
|            |         | 5280      | 18.960            | 5270.560 | 5289.520 | ---        | ---     |
|            |         | 5320      | 18.960            | 5310.600 | 5329.560 | ---        | ---     |
| 11N20SISO  | Ant0    | 5260      | 19.040            | 5250.560 | 5269.600 | ---        | ---     |
|            |         | 5280      | 19.320            | 5270.280 | 5289.600 | ---        | ---     |
|            |         | 5320      | 19.200            | 5310.440 | 5329.640 | ---        | ---     |
| 11N40SISO  | Ant0    | 5270      | 38.720            | 5250.800 | 5289.520 | ---        | ---     |
|            |         | 5310      | 38.880            | 5290.720 | 5329.600 | ---        | ---     |
| 11AC20SISO | Ant0    | 5260      | 19.560            | 5250.160 | 5269.720 | ---        | ---     |
|            |         | 5280      | 19.320            | 5270.440 | 5289.760 | ---        | ---     |
|            |         | 5320      | 19.400            | 5310.320 | 5329.720 | ---        | ---     |
| 11AC40SISO | Ant0    | 5270      | 38.720            | 5250.800 | 5289.520 | ---        | ---     |
|            |         | 5310      | 38.800            | 5290.800 | 5329.600 | ---        | ---     |
| 11AC80SISO | Ant0    | 5290      | 82.880            | 5248.560 | 5331.440 | ---        | ---     |
| 11AX20SISO | Ant0    | 5260      | 19.840            | 5250.120 | 5269.960 | ---        | ---     |
|            |         | 5280      | 20.920            | 5269.520 | 5290.440 | ---        | ---     |
|            |         | 5320      | 21.280            | 5309.320 | 5330.600 | ---        | ---     |
| 11AX40SISO | Ant0    | 5270      | 38.960            | 5250.560 | 5289.520 | ---        | ---     |
|            |         | 5310      | 39.120            | 5290.400 | 5329.520 | ---        | ---     |
| 11AX80SISO | Ant0    | 5290      | 82.400            | 5249.200 | 5331.600 | ---        | ---     |

Test Graphs





11N20SISO\_Ant0\_5260



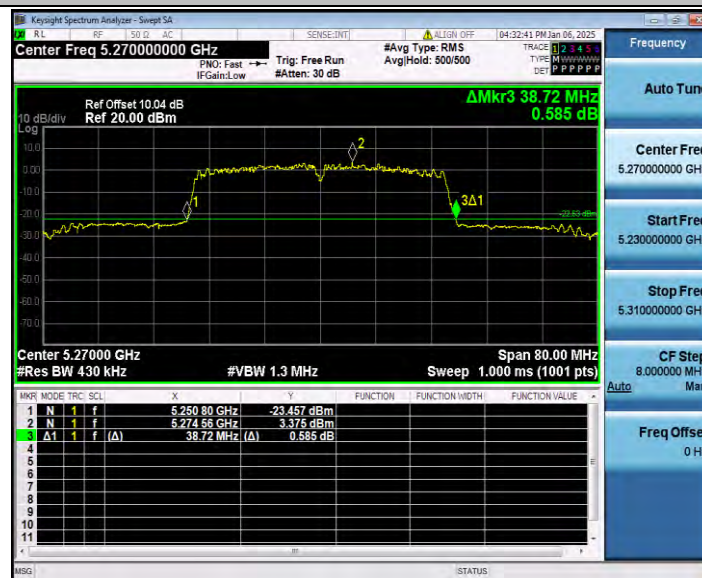
11N20SISO\_Ant0\_5280



## 11N20SISO\_Ant0\_5320



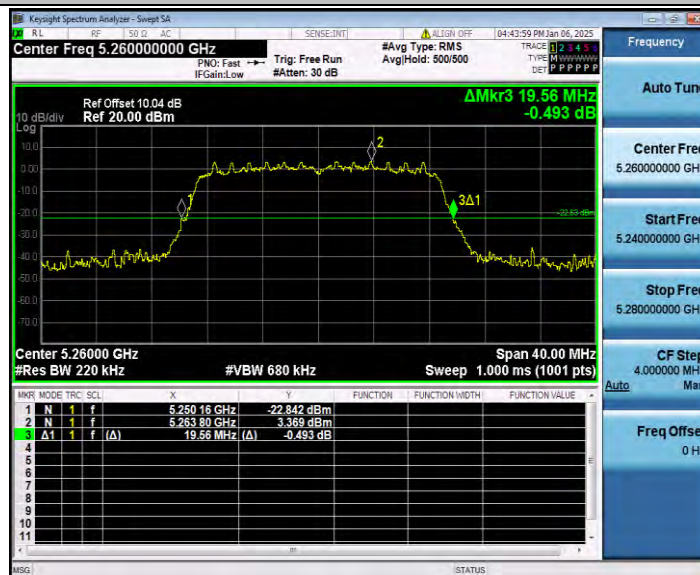
## 11N40SISO\_Ant0\_5270



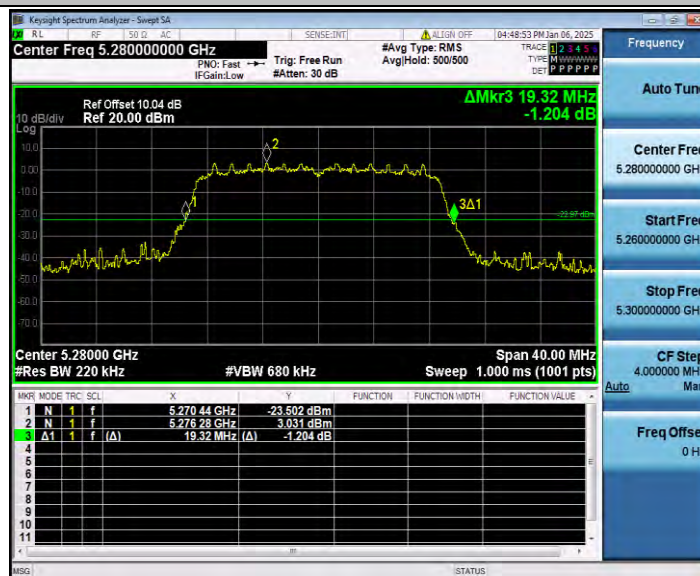
## 11N40SISO\_Ant0\_5310



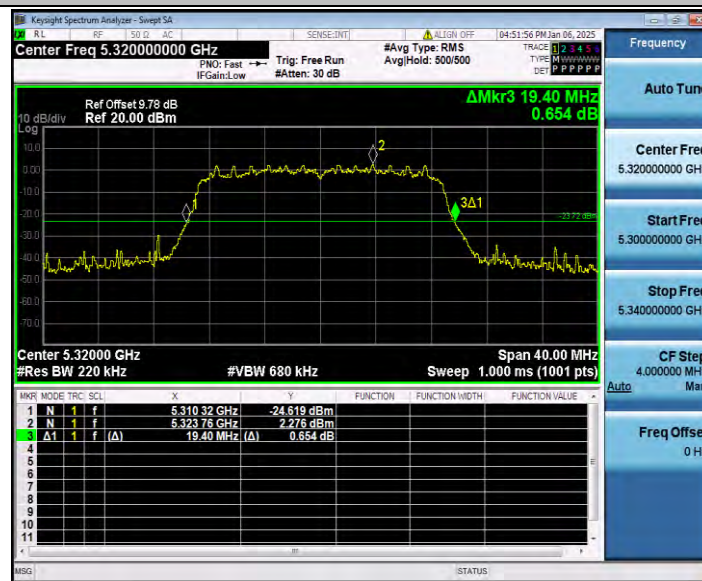
11AC20SISO\_Ant0\_5260



11AC20SISO\_Ant0\_5280



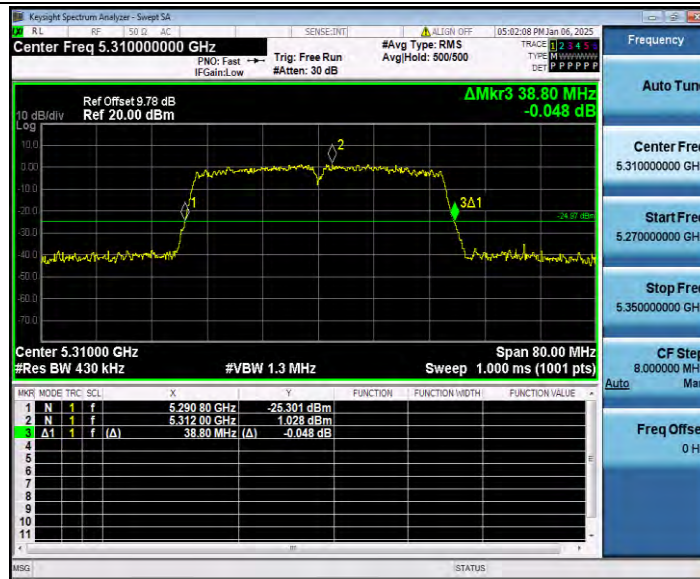
## 11AC20SISO\_Ant0\_5320



## 11AC40SISO\_Ant0\_5270



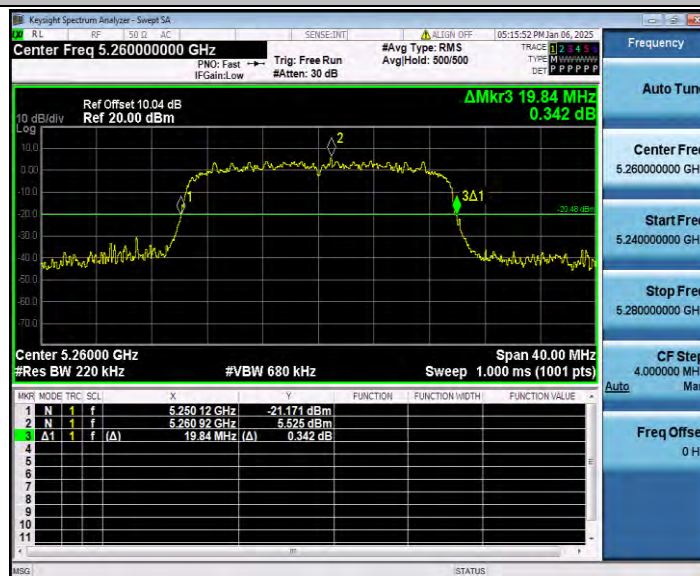
## 11AC40SISO\_Ant0\_5310



11AC80SISO\_Ant0\_5290



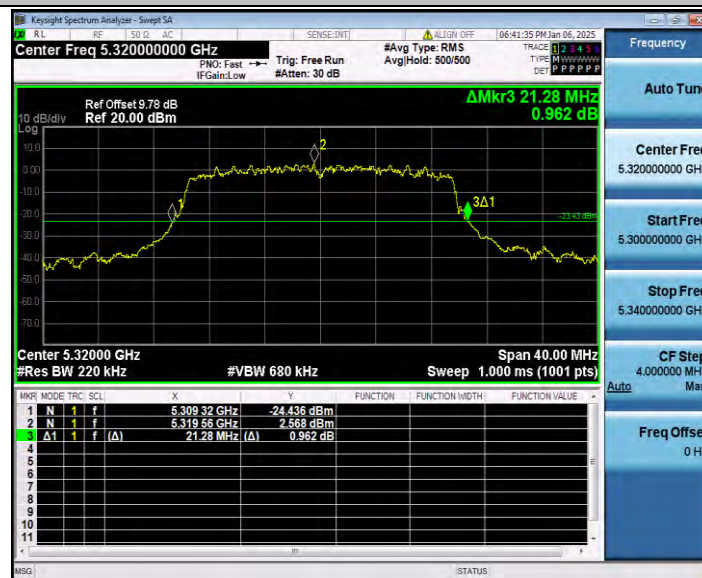
11AX20SISO\_Ant0\_5260



## 11AX20SISO\_Ant0\_5280



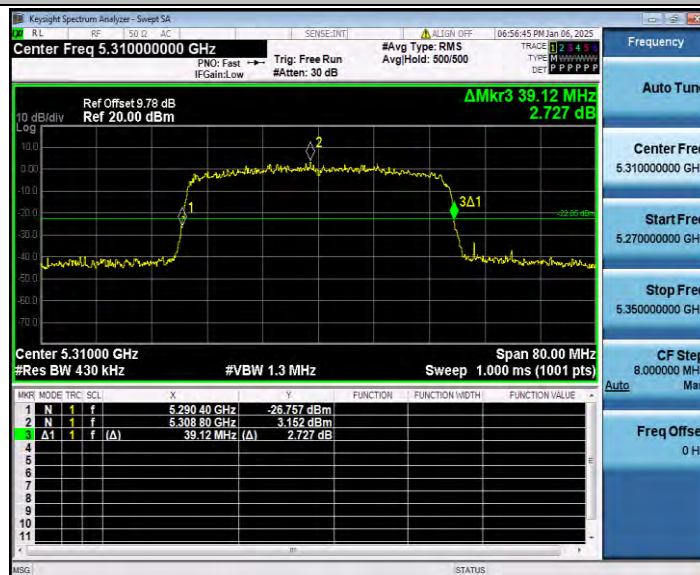
## 11AX20SISO\_Ant0\_5320



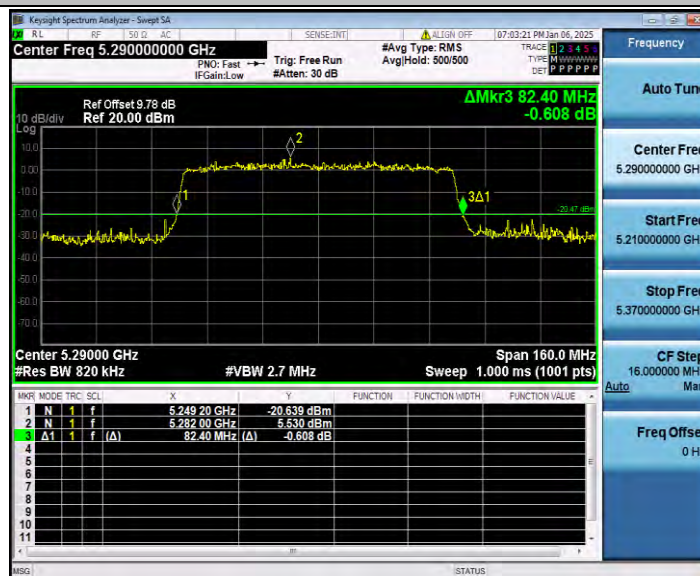
## 11AX40SISO\_Ant0\_5270



11AX40ISO\_Ant0\_5310



11AX80ISO\_Ant0\_5290

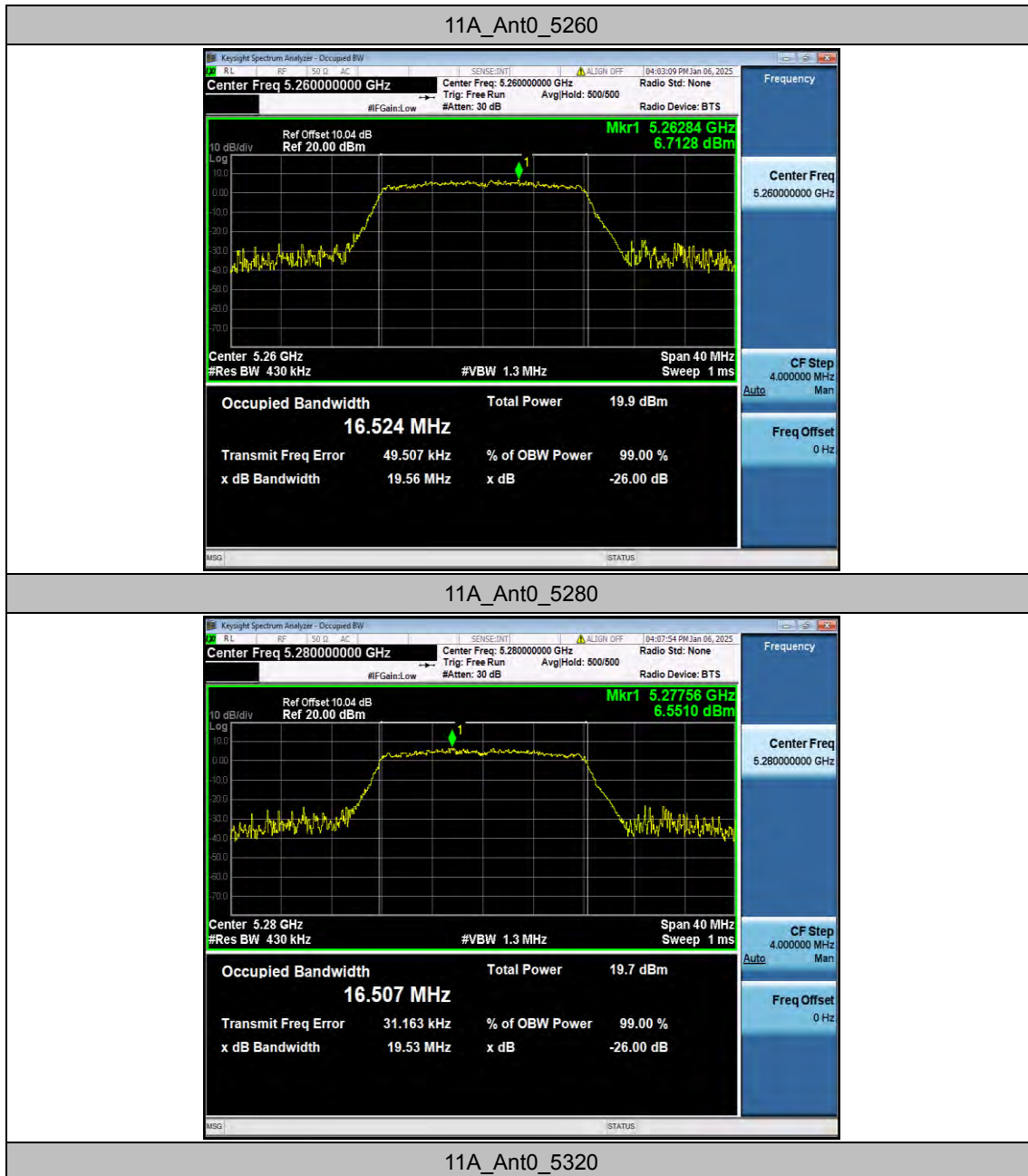


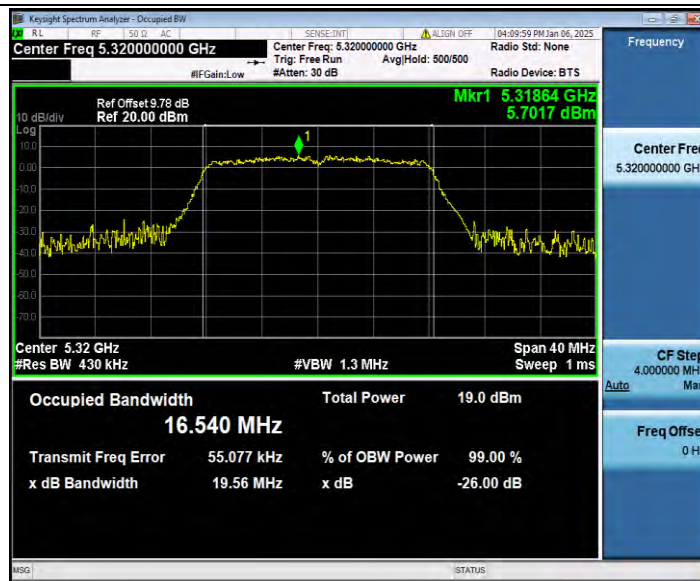
## Appendix E.2: Occupied channel bandwidth

### Test Result

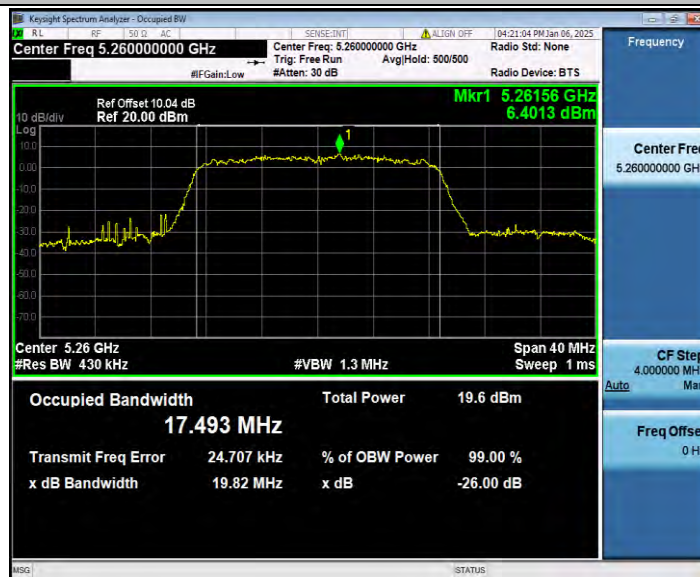
| TestMode   | Antenna | Freq(MHz) | OCB [MHz] | FL[MHz]   | FH[MHz]   | Limit[MHz] | Verdict |
|------------|---------|-----------|-----------|-----------|-----------|------------|---------|
| 11A        | Ant0    | 5260      | 16.524    | 5251.7875 | 5268.3115 | ---        | ---     |
|            |         | 5280      | 16.507    | 5271.7777 | 5288.2847 | ---        | ---     |
|            |         | 5320      | 16.540    | 5311.7851 | 5328.3251 | ---        | ---     |
| 11N20SISO  | Ant0    | 5260      | 17.493    | 5251.2782 | 5268.7712 | ---        | ---     |
|            |         | 5280      | 17.492    | 5271.2481 | 5288.7401 | ---        | ---     |
|            |         | 5320      | 17.476    | 5311.2968 | 5328.7728 | ---        | ---     |
| 11N40SISO  | Ant0    | 5270      | 35.945    | 5252.0575 | 5288.0025 | ---        | ---     |
|            |         | 5310      | 35.995    | 5292.0750 | 5328.0700 | ---        | ---     |
| 11AC20SISO | Ant0    | 5260      | 17.463    | 5251.2960 | 5268.7590 | ---        | ---     |
|            |         | 5280      | 17.474    | 5271.2681 | 5288.7421 | ---        | ---     |
|            |         | 5320      | 17.428    | 5311.3090 | 5328.7370 | ---        | ---     |
| 11AC40SISO | Ant0    | 5270      | 35.544    | 5252.3264 | 5287.8704 | ---        | ---     |
|            |         | 5310      | 35.655    | 5292.2884 | 5327.9434 | ---        | ---     |
| 11AC80SISO | Ant0    | 5290      | 75.813    | 5252.3187 | 5328.1317 | ---        | ---     |
| 11AX20SISO | Ant0    | 5260      | 18.261    | 5250.9126 | 5269.1736 | ---        | ---     |
|            |         | 5280      | 18.868    | 5270.5980 | 5289.4660 | ---        | ---     |
|            |         | 5320      | 18.908    | 5310.5560 | 5329.4640 | ---        | ---     |
| 11AX40SISO | Ant0    | 5270      | 36.545    | 5251.7819 | 5288.3269 | ---        | ---     |
|            |         | 5310      | 36.477    | 5291.8008 | 5328.2778 | ---        | ---     |
| 11AX80SISO | Ant0    | 5290      | 77.409    | 5251.3318 | 5328.7408 | ---        | ---     |

## Test Graphs

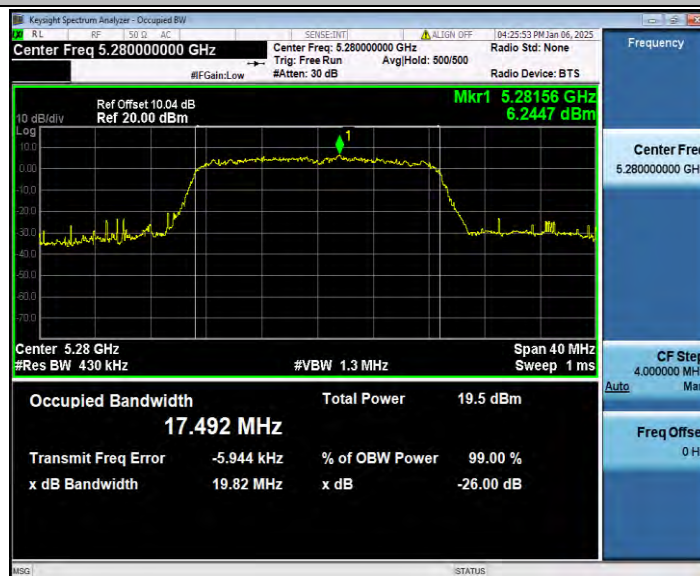




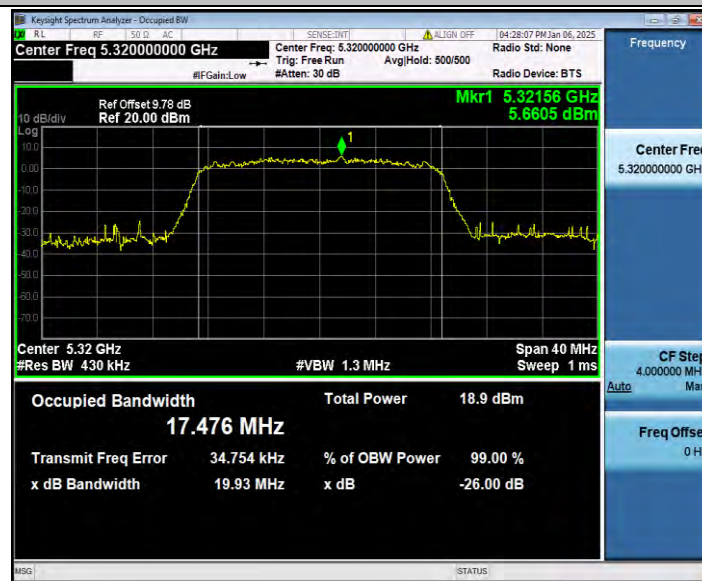
11N20SISO\_Ant0\_5260



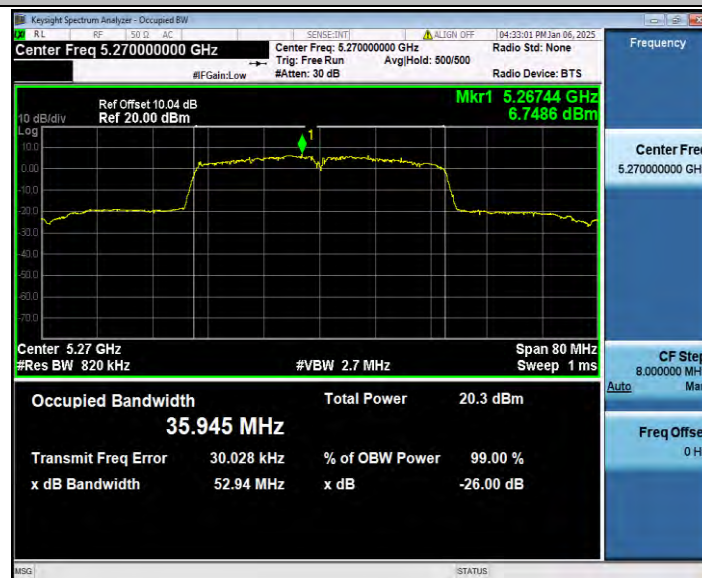
11N20SISO\_Ant0\_5280



## 11N20SISO\_Ant0\_5320



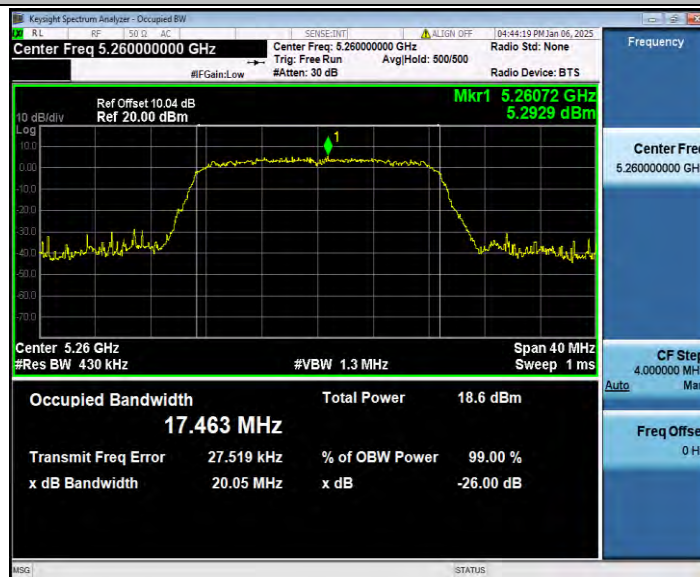
## 11N40SISO\_Ant0\_5270



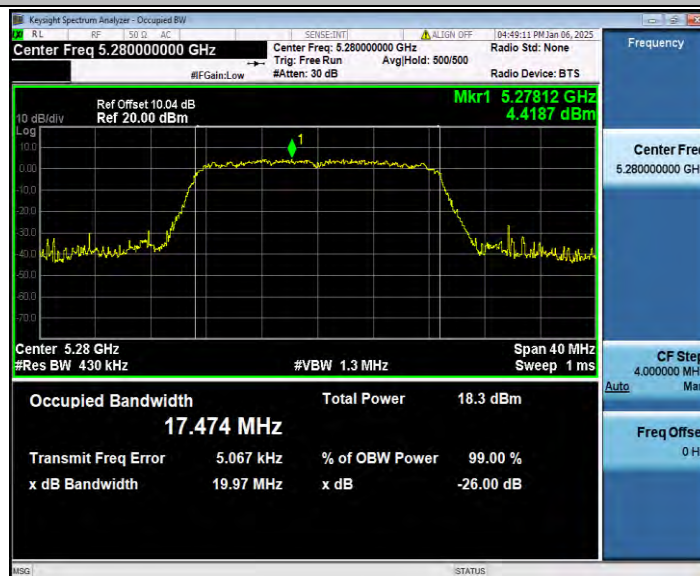
## 11N40SISO\_Ant0\_5310



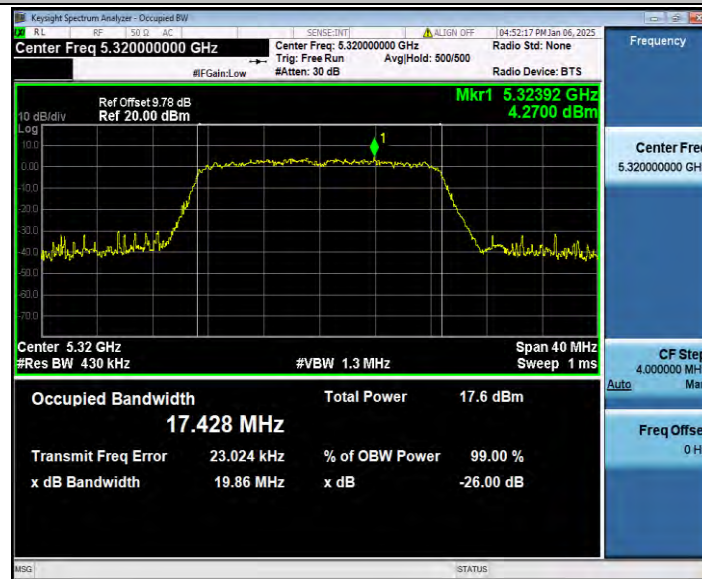
11AC20SISO\_Ant0\_5260



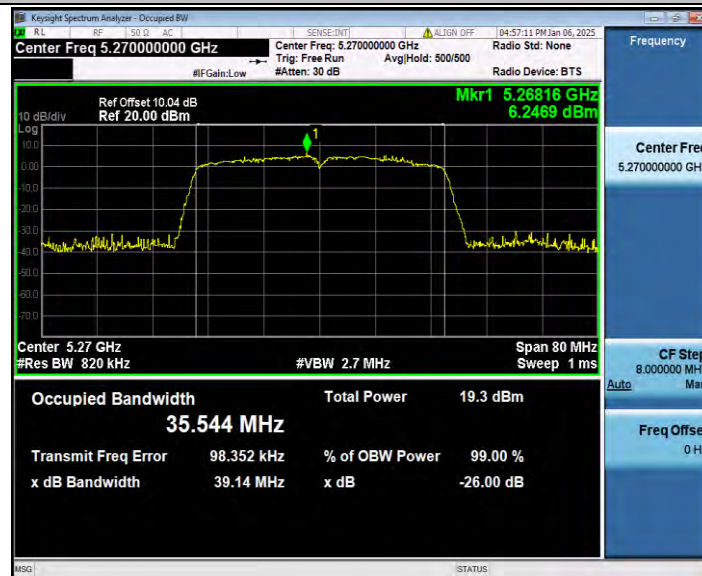
11AC20SISO\_Ant0\_5280



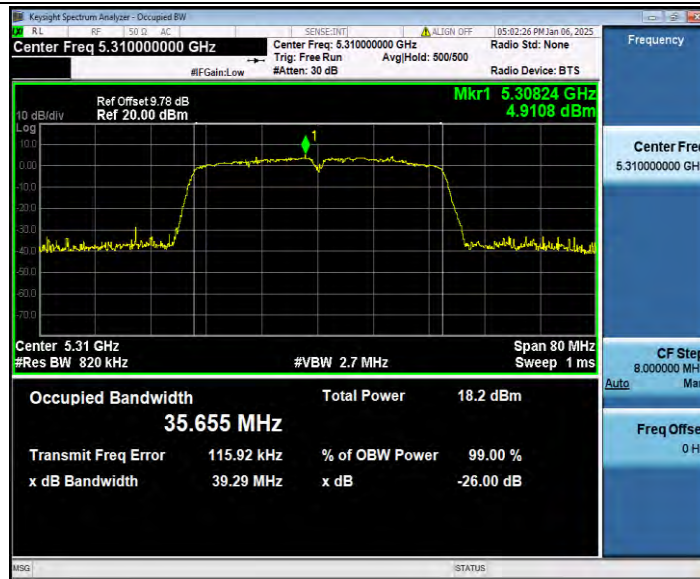
## 11AC20SISO\_Ant0\_5320



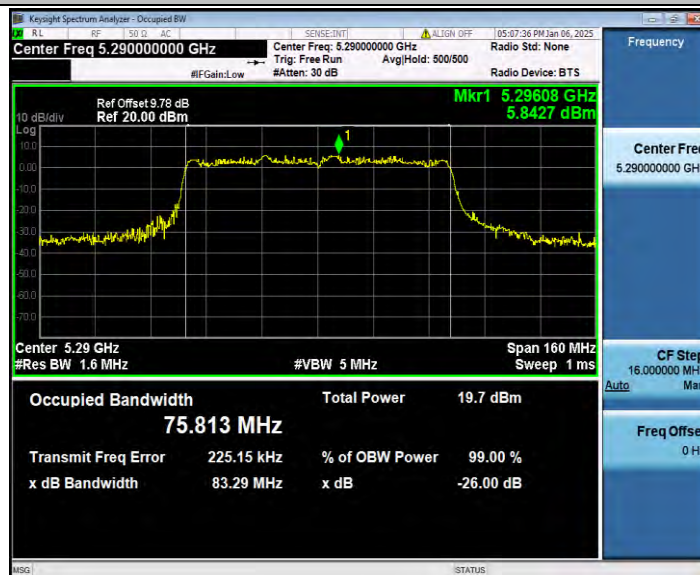
## 11AC40SISO\_Ant0\_5270



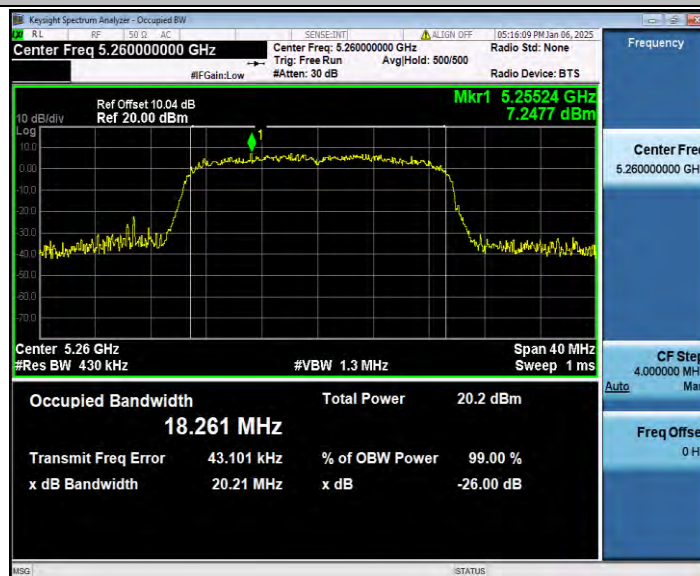
## 11AC40SISO\_Ant0\_5310



11AC80SISO\_Ant0\_5290



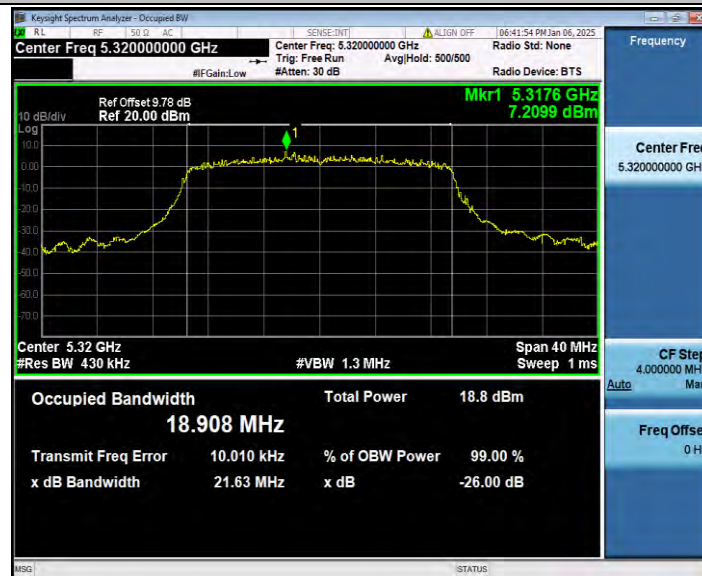
11AX20SISO\_Ant0\_5260



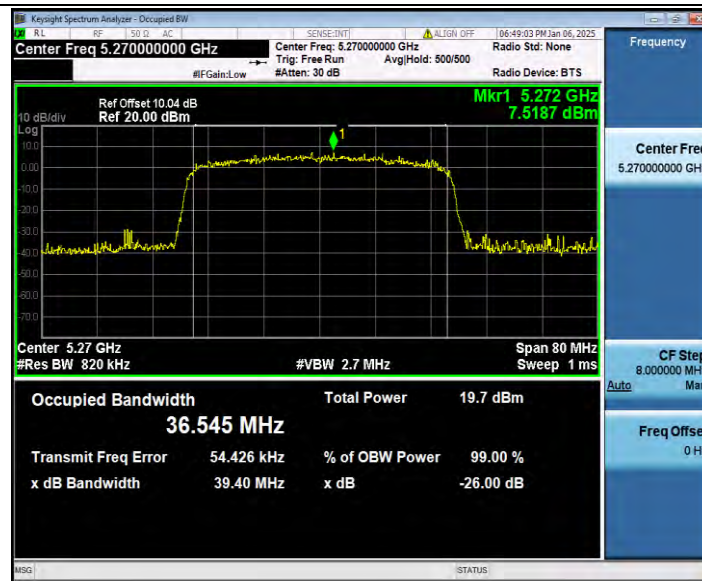
## 11AX20SISO\_Ant0\_5280



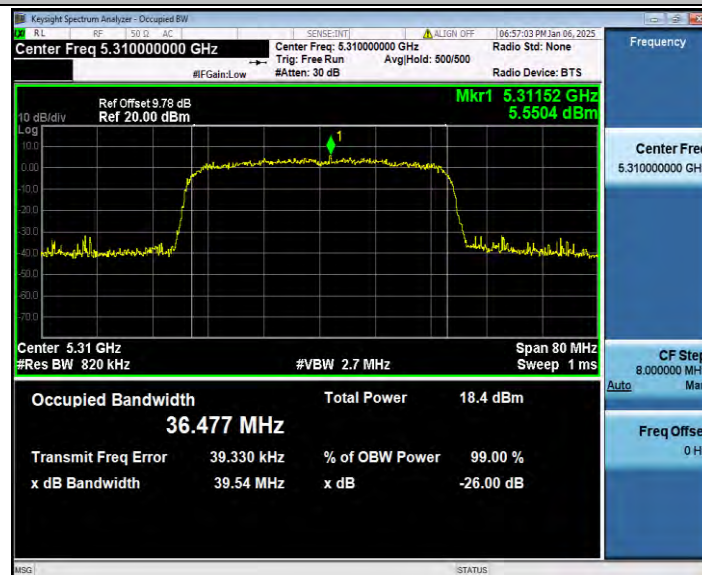
## 11AX20SISO\_Ant0\_5320



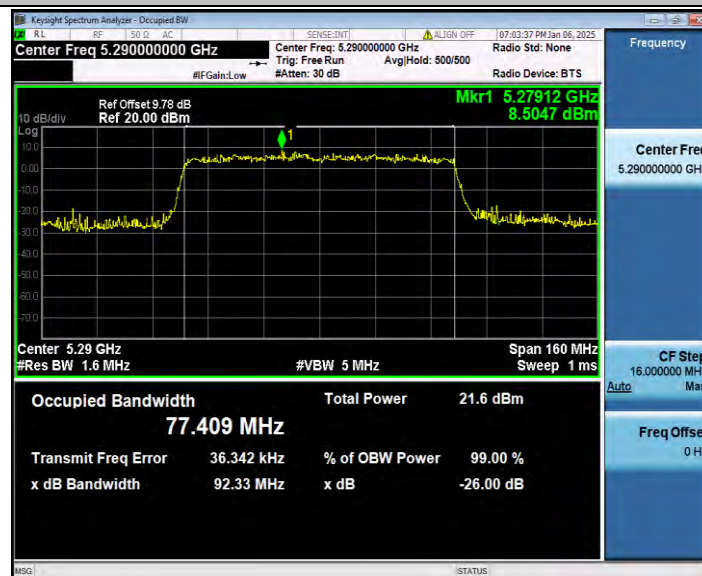
## 11AX40SISO\_Ant0\_5270



11AX40SISO\_Ant0\_5310



11AX80SISO\_Ant0\_5290

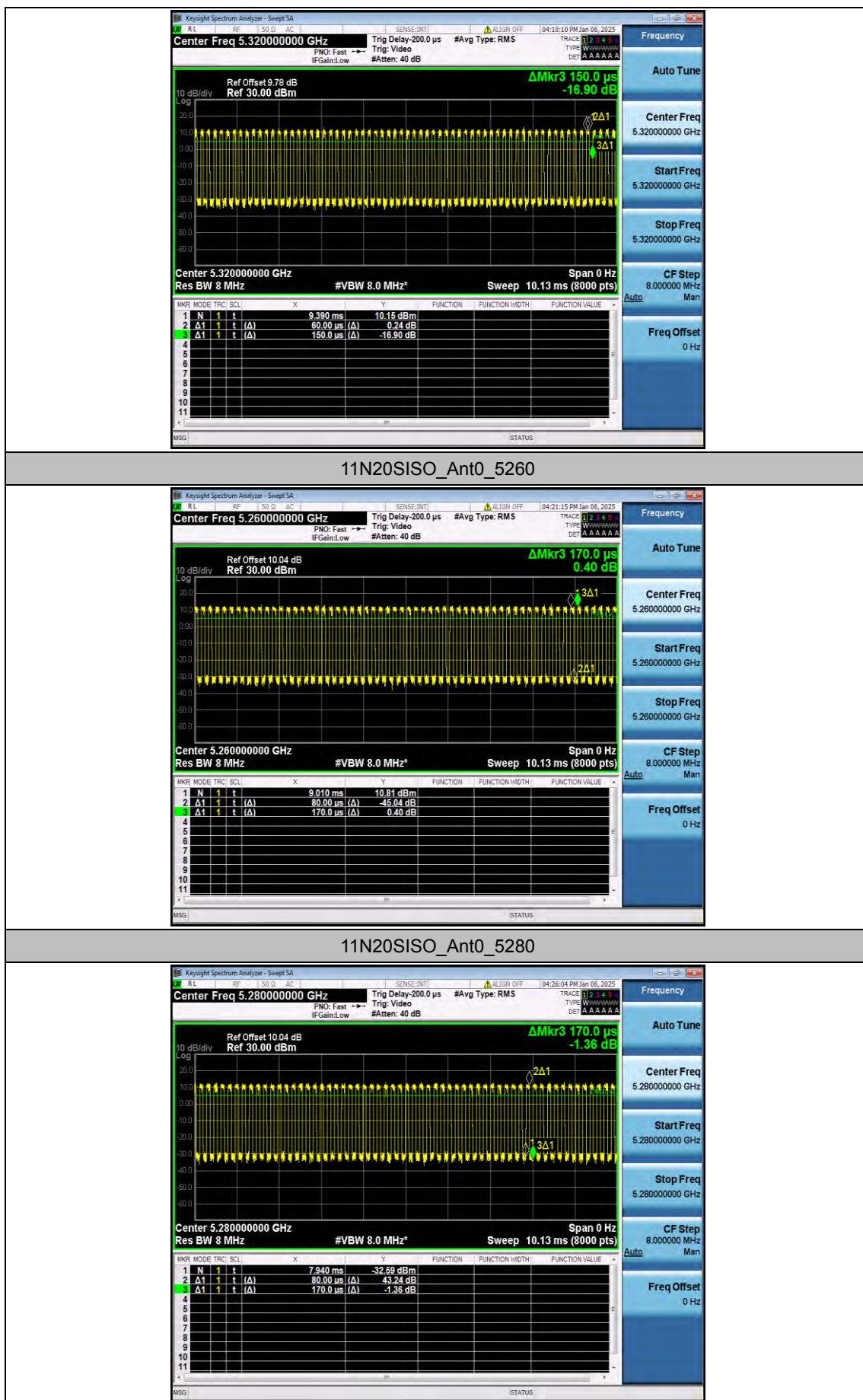


## Appendix E.3: Duty Cycle

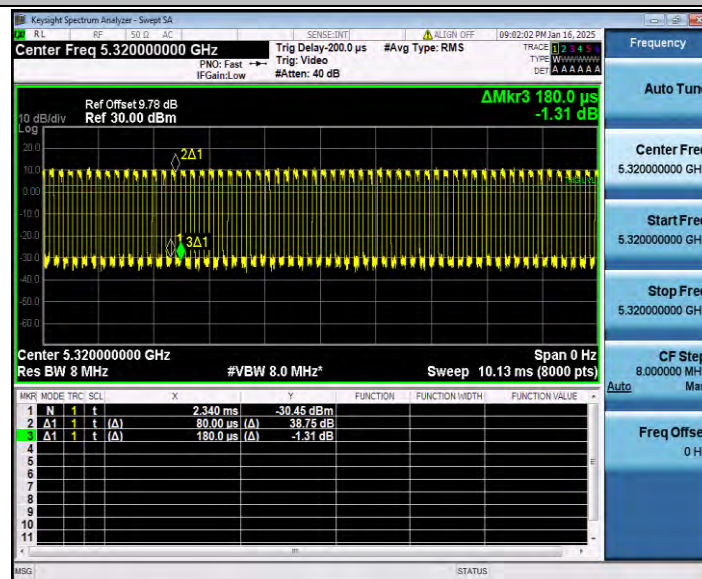
### Test Result

| TestMode   | Antenna | Freq(MHz) | Transmission Duration [ms] | Transmission Period [ms] | Duty Cycle [%] | Duty Cycle Factor[dB] | 1/T Factor[KHz] |
|------------|---------|-----------|----------------------------|--------------------------|----------------|-----------------------|-----------------|
| 11A        | Ant0    | 5260      | 0.07                       | 0.16                     | 43.75          | 3.59                  | 14.29           |
|            |         | 5280      | 0.07                       | 0.16                     | 43.75          | 3.59                  | 14.29           |
|            |         | 5320      | 0.06                       | 0.15                     | 40.00          | 3.98                  | 16.67           |
| 11N20SISO  | Ant0    | 5260      | 0.08                       | 0.17                     | 47.06          | 3.27                  | 12.50           |
|            |         | 5280      | 0.08                       | 0.17                     | 47.06          | 3.27                  | 12.50           |
|            |         | 5320      | 0.08                       | 0.18                     | 44.44          | 3.52                  | 12.50           |
| 11N40SISO  | Ant0    | 5270      | 0.06                       | 0.15                     | 40.00          | 3.98                  | 16.67           |
|            |         | 5310      | 0.06                       | 0.15                     | 40.00          | 3.98                  | 16.67           |
| 11AC20SISO | Ant0    | 5260      | 0.09                       | 0.18                     | 50.00          | 3.01                  | 11.11           |
|            |         | 5280      | 0.08                       | 0.18                     | 44.44          | 3.52                  | 12.50           |
|            |         | 5320      | 0.09                       | 0.19                     | 47.37          | 3.24                  | 11.11           |
| 11AC40SISO | Ant0    | 5270      | 0.07                       | 0.16                     | 43.75          | 3.59                  | 14.29           |
|            |         | 5310      | 0.06                       | 0.15                     | 40.00          | 3.98                  | 16.67           |
| 11AC80SISO | Ant0    | 5290      | 0.05                       | 0.14                     | 35.71          | 4.47                  | 20.00           |
| 11AX20SISO | Ant0    | 5260      | 0.09                       | 0.18                     | 50.00          | 3.01                  | 11.11           |
|            |         | 5280      | 0.09                       | 0.18                     | 50.00          | 3.01                  | 11.11           |
|            |         | 5320      | 0.09                       | 0.18                     | 50.00          | 3.01                  | 11.11           |
| 11AX40SISO | Ant0    | 5270      | 0.09                       | 0.18                     | 50.00          | 3.01                  | 11.11           |
|            |         | 5310      | 0.09                       | 0.18                     | 50.00          | 3.01                  | 11.11           |
| 11AX80SISO | Ant0    | 5290      | 0.08                       | 0.17                     | 47.06          | 3.27                  | 12.50           |

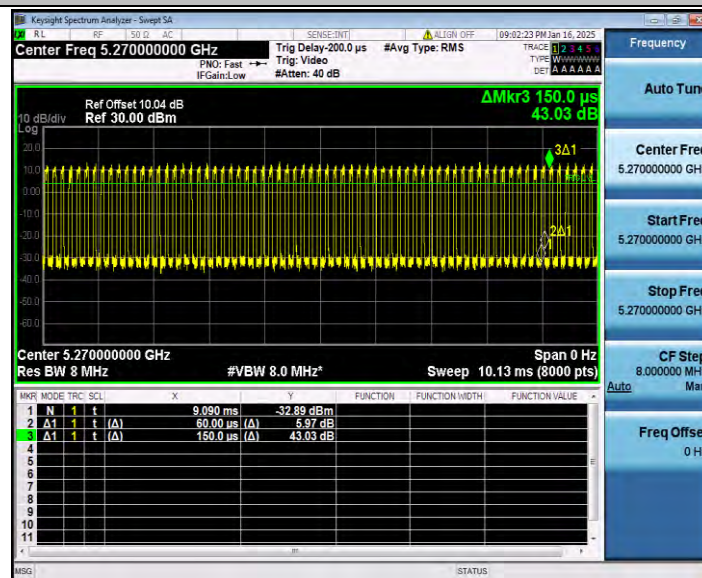




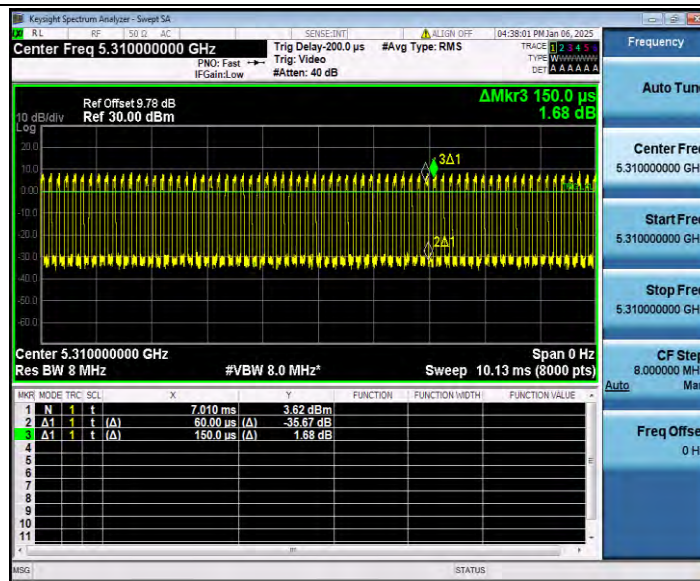
## 11N20SISO\_Ant0\_5320



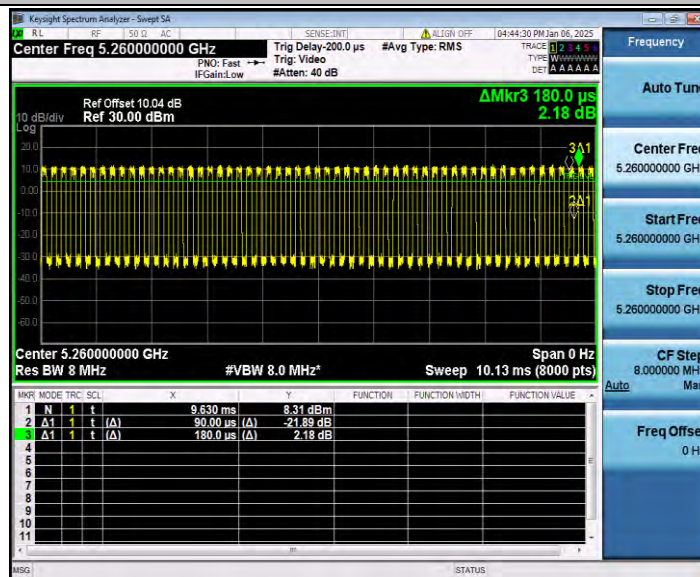
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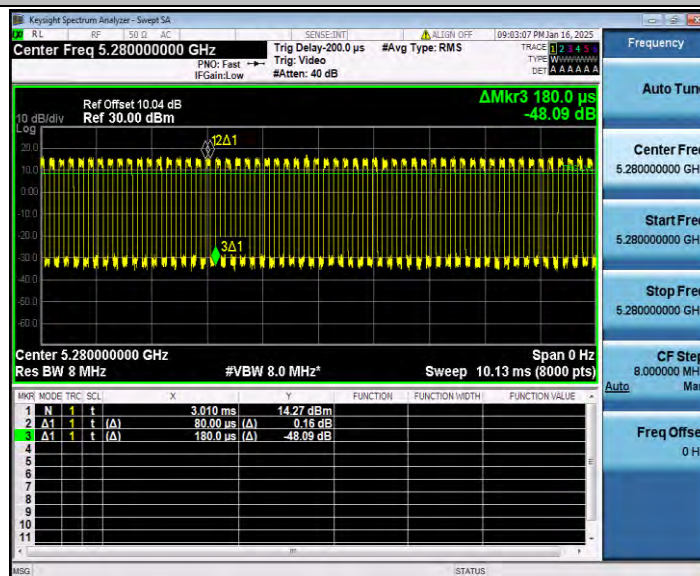
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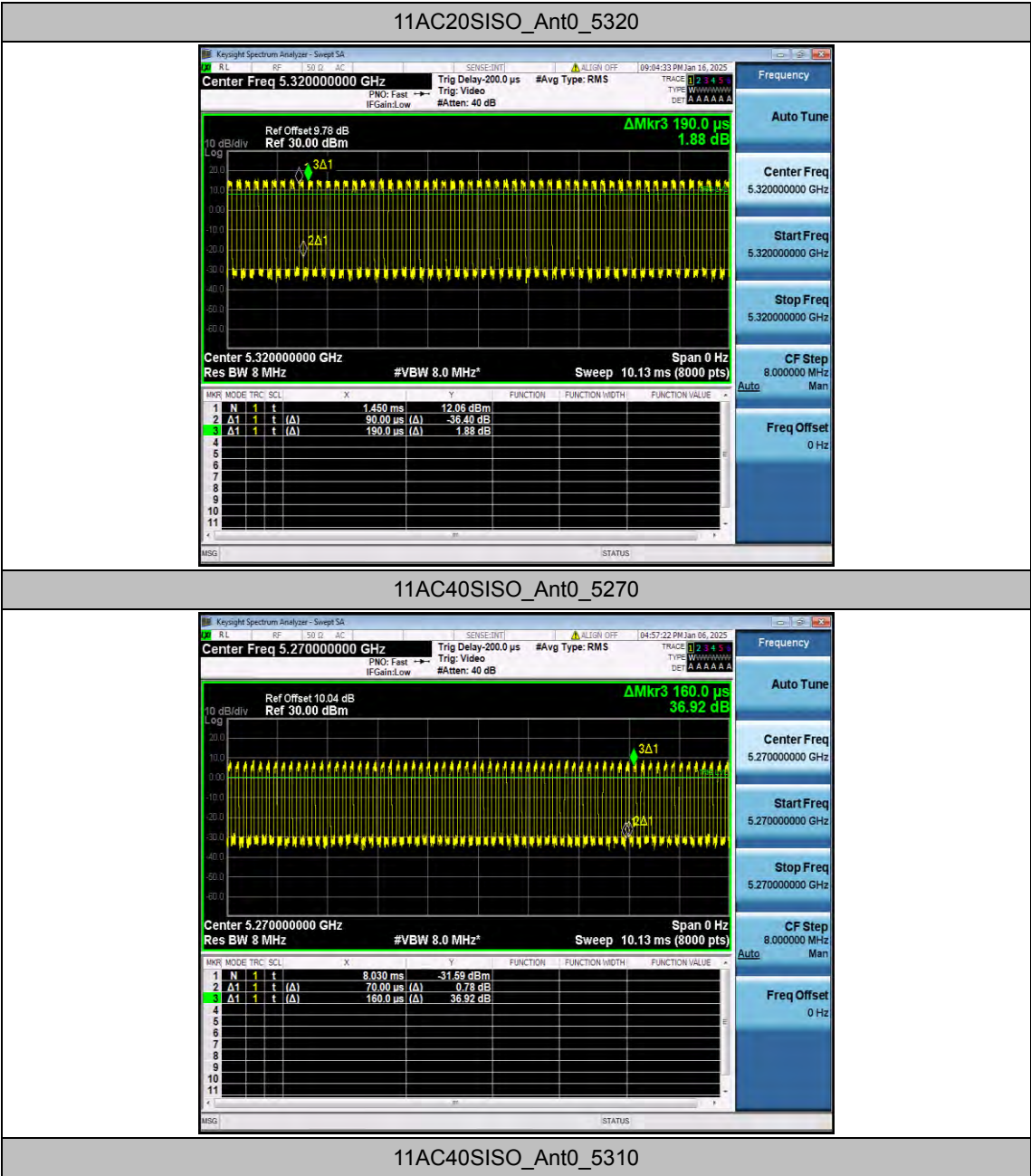


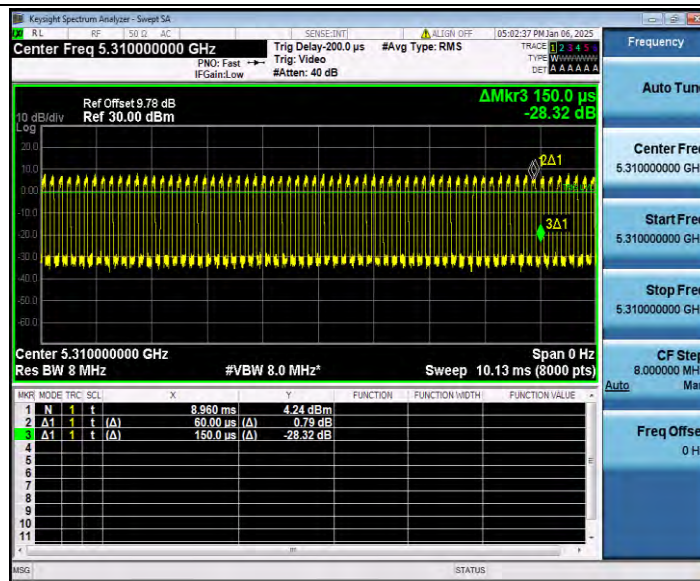
11AC20SISO\_Ant0\_5260



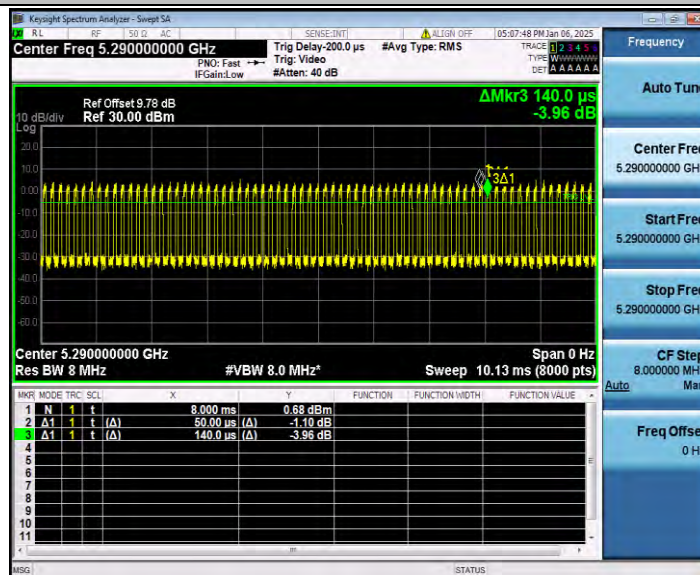
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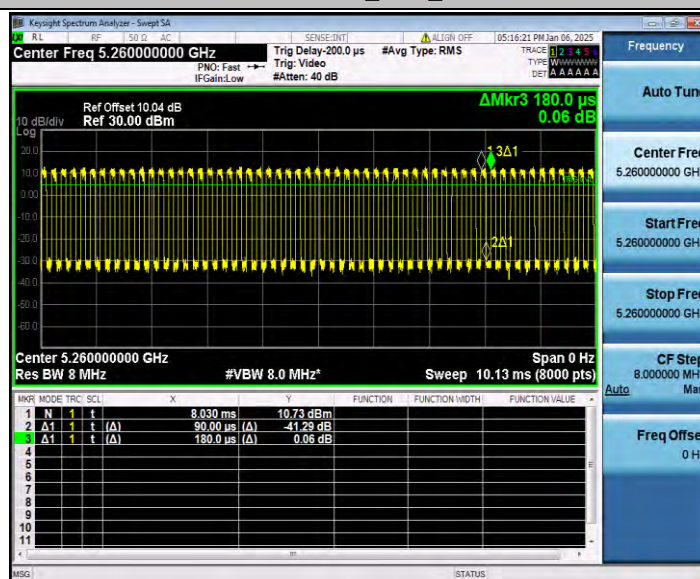




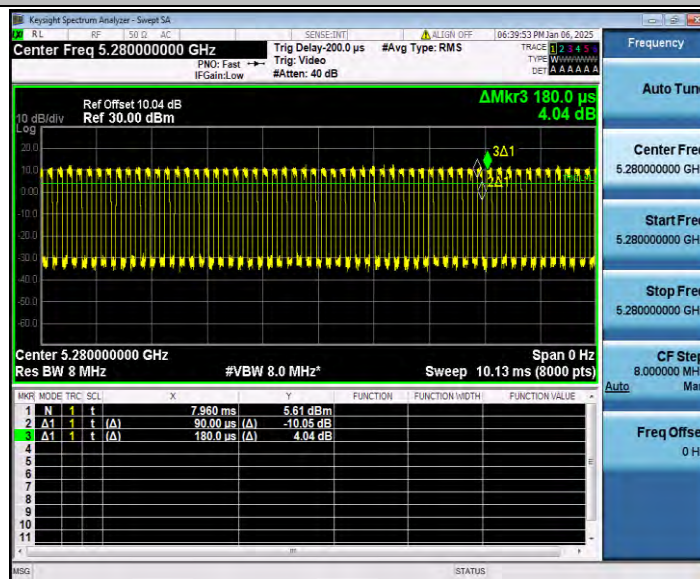
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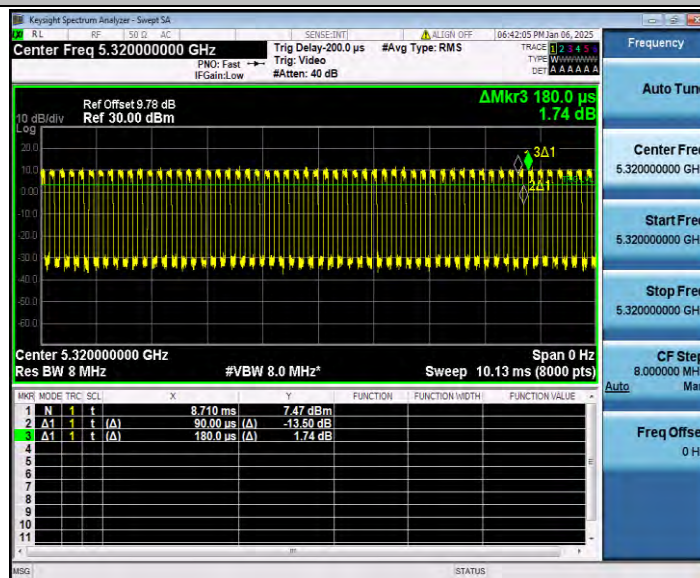
11AX20SISO\_Ant0\_5260



## 11AX20SISO\_Ant0\_5280



## 11AX20SISO\_Ant0\_5320



## 11AX40SISO\_Ant0\_5270

