

|                                                       |                                          |
|-------------------------------------------------------|------------------------------------------|
| <b>Case No. :</b> <u>GTS20250107026-2-05</u>          |                                          |
| <b>Ambient Condition:</b> <u>21</u> °C, <u>49</u> %RH |                                          |
| <b>According Standard:</b> <u>■Part15E</u>            |                                          |
| <b>Test Date:</b> <u>2025.1.18</u>                    | <b>Test Engineer:</b> <u>Evan ouyang</u> |

## Appendix E.1: Min emission bandwidth

### Test Result B4

| TestMode   | Antenna | Freq(MHz) | 6db EBW [MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|------------|---------|-----------|---------------|----------|----------|------------|---------|
| 11A        | Ant1    | 5745      | 16.360        | 5736.800 | 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      | 17.560        | 5736.240 | 5753.800 | 0.5        | PASS    |
|            |         | 5785      | 17.560        | 5776.240 | 5793.800 | 0.5        | PASS    |
|            |         | 5825      | 17.560        | 5816.240 | 5833.800 | 0.5        | PASS    |
| 11N40SISO  | Ant1    | 5755      | 36.400        | 5736.840 | 5773.240 | 0.5        | PASS    |
|            |         | 5795      | 36.400        | 5776.840 | 5813.240 | 0.5        | PASS    |
| 11AC20SISO | Ant1    | 5745      | 17.560        | 5736.240 | 5753.800 | 0.5        | PASS    |
|            |         | 5785      | 17.600        | 5776.240 | 5793.840 | 0.5        | PASS    |
|            |         | 5825      | 17.600        | 5816.240 | 5833.840 | 0.5        | PASS    |
| 11AC40SISO | Ant1    | 5755      | 36.320        | 5736.920 | 5773.240 | 0.5        | PASS    |
|            |         | 5795      | 36.320        | 5776.920 | 5813.240 | 0.5        | PASS    |
| 11AX20SISO | Ant1    | 5745      | 18.960        | 5735.560 | 5754.520 | 0.5        | PASS    |
|            |         | 5785      | 18.760        | 5775.680 | 5794.440 | 0.5        | PASS    |
|            |         | 5825      | 18.800        | 5815.680 | 5834.480 | 0.5        | PASS    |
| 11AX40SISO | Ant1    | 5755      | 37.920        | 5736.120 | 5774.040 | 0.5        | PASS    |
|            |         | 5795      | 37.920        | 5776.120 | 5814.040 | 0.5        | PASS    |

## Test Graphs B4

11A\_Ant1\_5745



11A\_Ant1\_5785



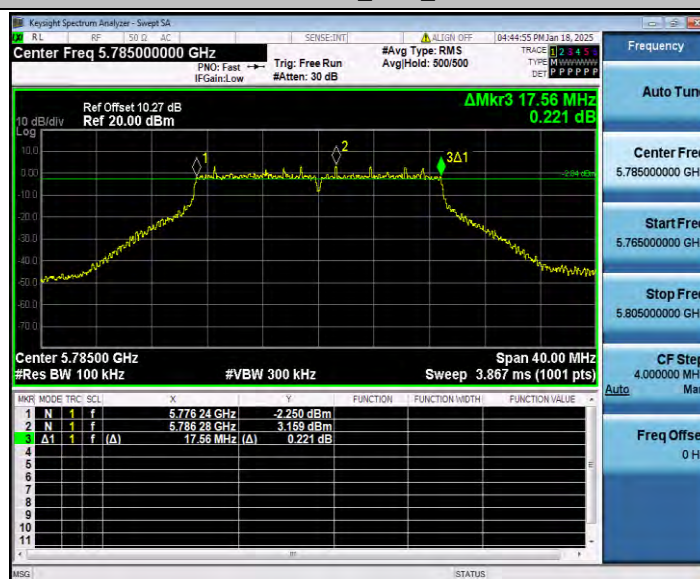
11A\_Ant1\_5825



11N20SISO\_Ant1\_5745



11N20SISO\_Ant1\_5785



## 11N20SISO\_Ant1\_5825

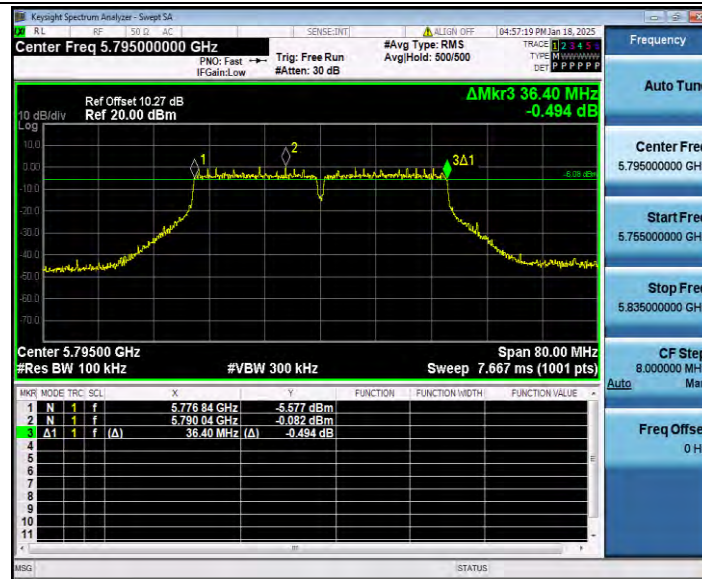


## 11N40SISO\_Ant1\_5755



## 11N40SISO\_Ant1\_5795





11AC20SISO\_Ant1\_5745



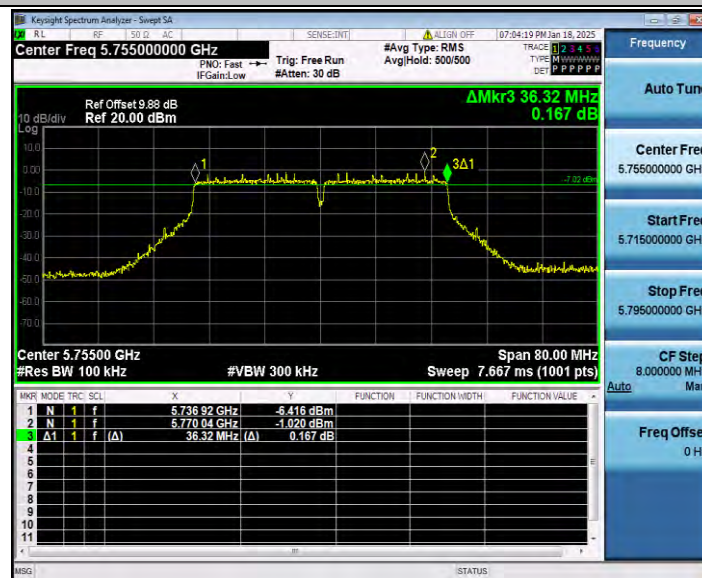
11AC20SISO\_Ant1\_5785



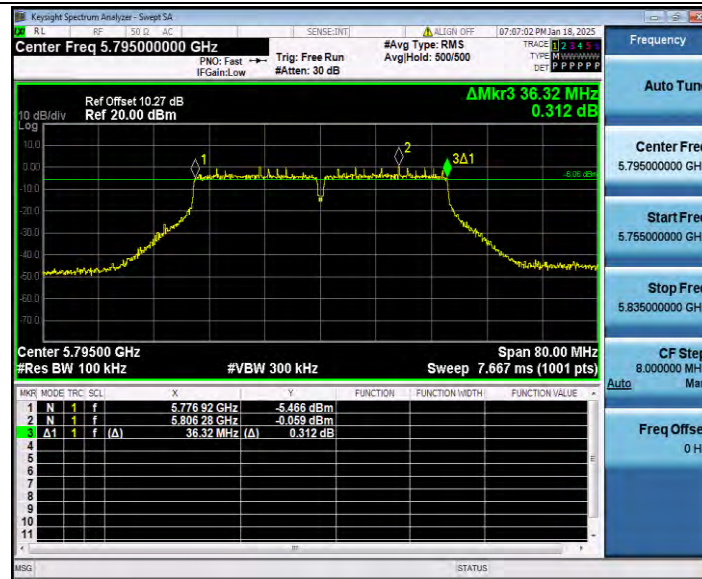
## 11AC20SISO\_Ant1\_5825



## 11AC40SISO\_Ant1\_5755



## 11AC40SISO\_Ant1\_5795



11AX20SISO\_Ant1\_5745



11AX20SISO\_Ant1\_5785

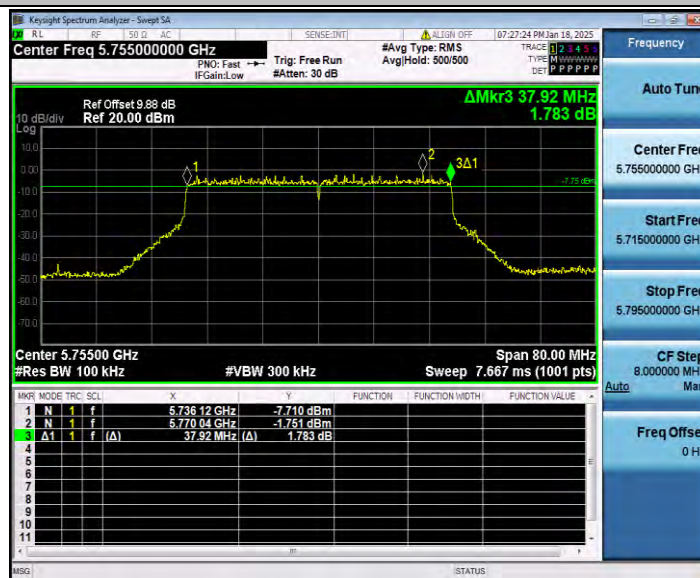




## 11AX20SISO\_Ant1\_5825

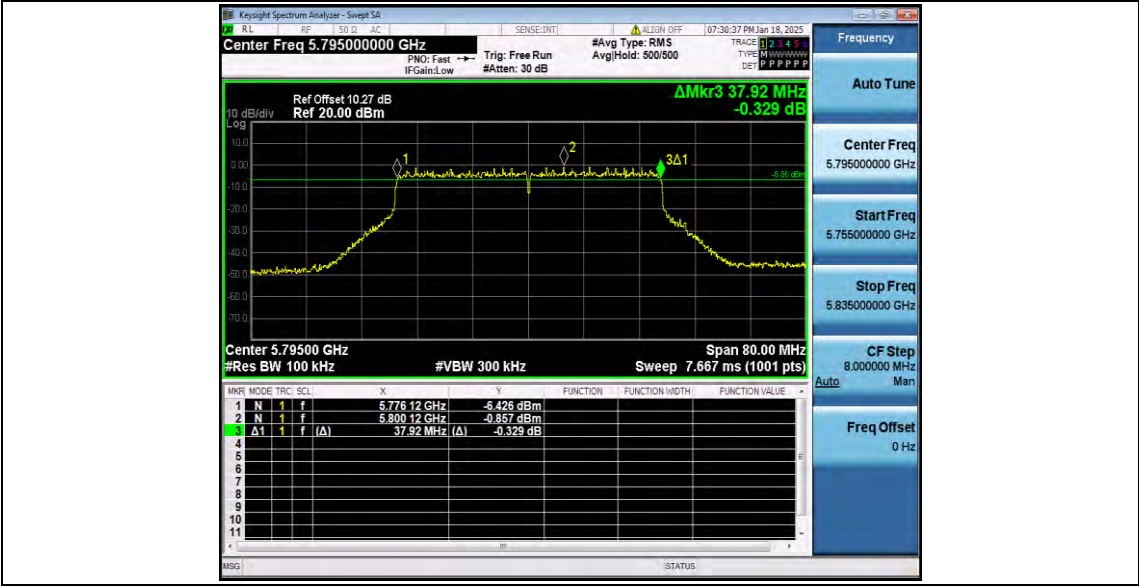


## 11AX40SISO\_Ant1\_5755



## 11AX40SISO\_Ant1\_5795





## Appendix E.2: Occupied channel bandwidth

### Test Result

| TestMode   | Antenna | Freq(MHz) | OCB [MHz] | FL[MHz]   | FH[MHz]   | Limit[MHz] | Verdict |
|------------|---------|-----------|-----------|-----------|-----------|------------|---------|
| 11A        | Ant1    | 5745      | 17.289    | 5736.3320 | 5753.6210 | ---        | ---     |
|            |         | 5785      | 17.284    | 5776.3491 | 5793.6331 | ---        | ---     |
|            |         | 5825      | 17.301    | 5816.3548 | 5833.6558 | ---        | ---     |
| 11N20SISO  | Ant1    | 5745      | 18.360    | 5735.8382 | 5754.1982 | ---        | ---     |
|            |         | 5785      | 18.340    | 5775.8430 | 5794.1830 | ---        | ---     |
|            |         | 5825      | 18.331    | 5815.8338 | 5834.1648 | ---        | ---     |
| 11N40SISO  | Ant1    | 5755      | 36.774    | 5736.6950 | 5773.4690 | ---        | ---     |
|            |         | 5795      | 36.755    | 5776.7087 | 5813.4637 | ---        | ---     |
| 11AC20SISO | Ant1    | 5745      | 18.397    | 5735.8310 | 5754.2280 | ---        | ---     |
|            |         | 5785      | 18.380    | 5775.8437 | 5794.2237 | ---        | ---     |
|            |         | 5825      | 18.421    | 5815.8209 | 5834.2419 | ---        | ---     |
| 11AC40SISO | Ant1    | 5755      | 36.803    | 5736.7324 | 5773.5354 | ---        | ---     |
|            |         | 5795      | 36.778    | 5776.7724 | 5813.5504 | ---        | ---     |
| 11AX20SISO | Ant1    | 5745      | 19.309    | 5735.3947 | 5754.7037 | ---        | ---     |
|            |         | 5785      | 19.244    | 5775.4386 | 5794.6826 | ---        | ---     |
|            |         | 5825      | 19.263    | 5815.4313 | 5834.6943 | ---        | ---     |
| 11AX40SISO | Ant1    | 5755      | 38.049    | 5736.0653 | 5774.1143 | ---        | ---     |
|            |         | 5795      | 38.026    | 5776.0602 | 5814.0862 | ---        | ---     |

## Test Graphs

11A\_Ant1\_5745



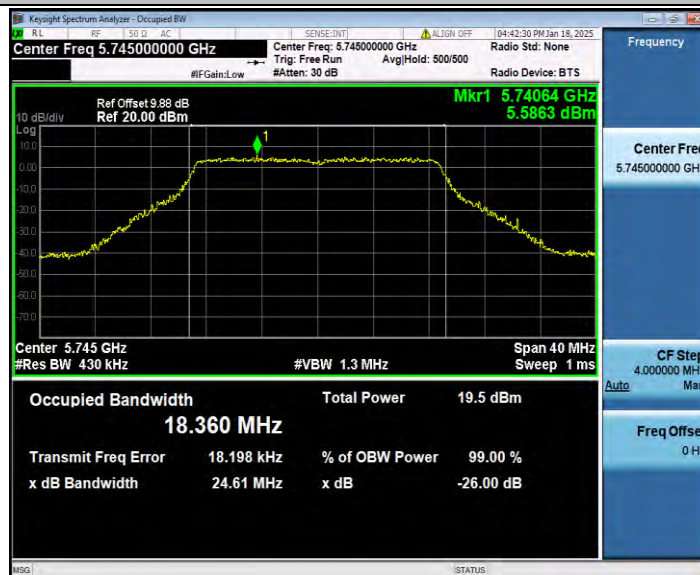
11A\_Ant1\_5785



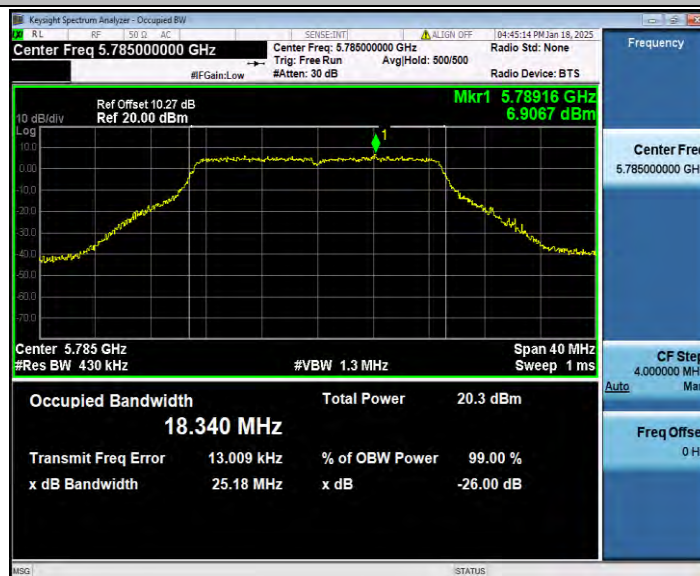
11A\_Ant1\_5825



11N20SISO\_Ant1\_5745



11N20SISO\_Ant1\_5785

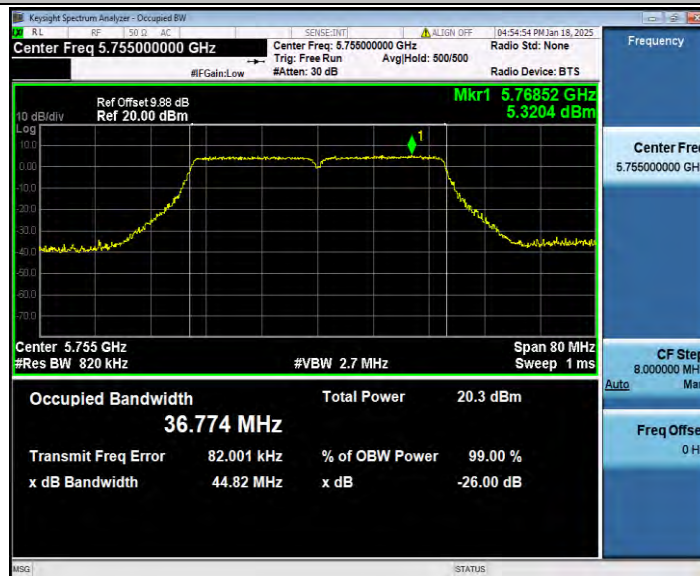




## 11N20SISO\_Ant1\_5825



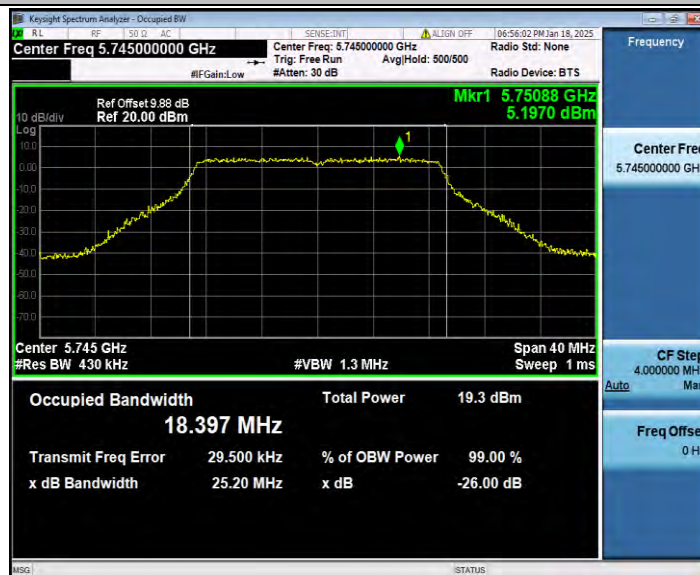
## 11N40SISO\_Ant1\_5755



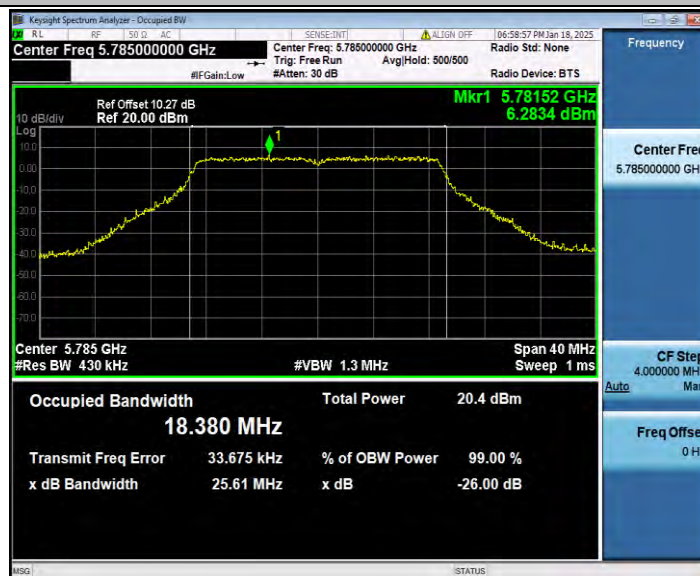
## 11N40SISO\_Ant1\_5795



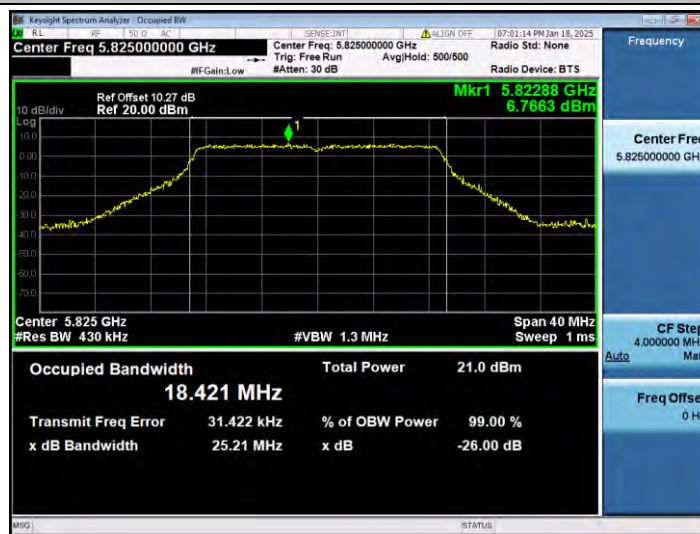
11AC20SISO\_Ant1\_5745



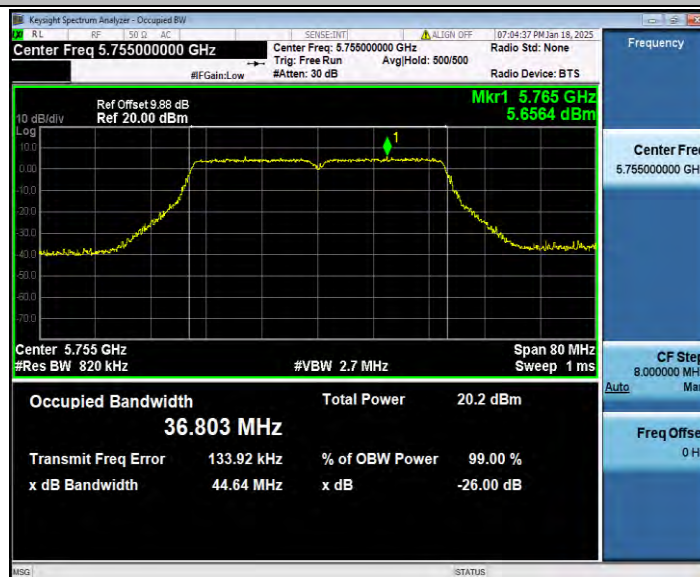
11AC20SISO\_Ant1\_5785



## 11AC20SISO\_Ant1\_5825



## 11AC40SISO\_Ant1\_5755



## 11AC40SISO\_Ant1\_5795



## 11AX20SISO\_Ant1\_5745



## 11AX20SISO\_Ant1\_5785



## 11AX20SISO\_Ant1\_5825

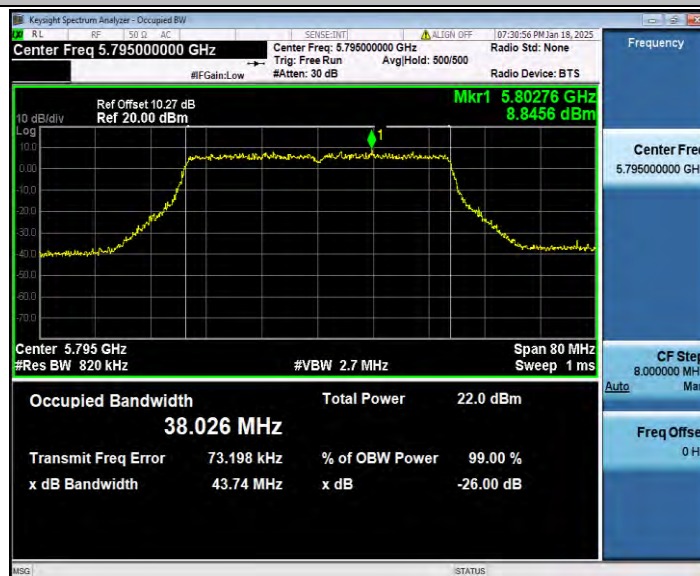




11AX40SISO\_Ant1\_5755



11AX40SISO\_Ant1\_5795



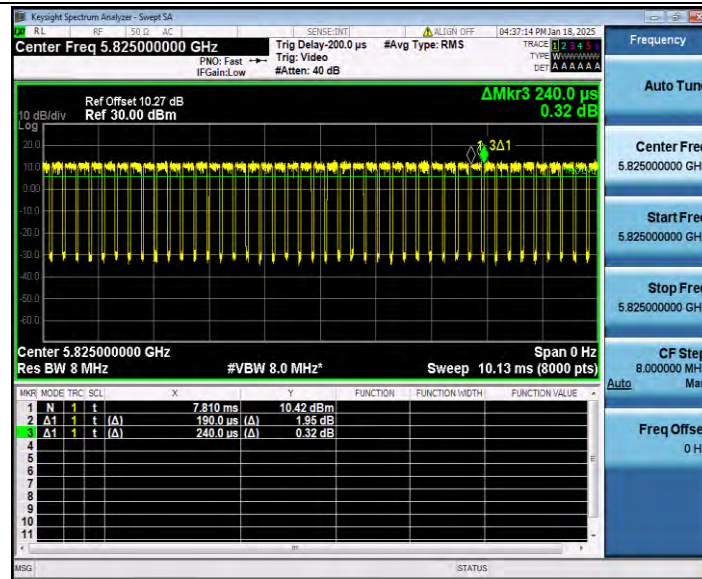


## Appendix E.3: Duty Cycle

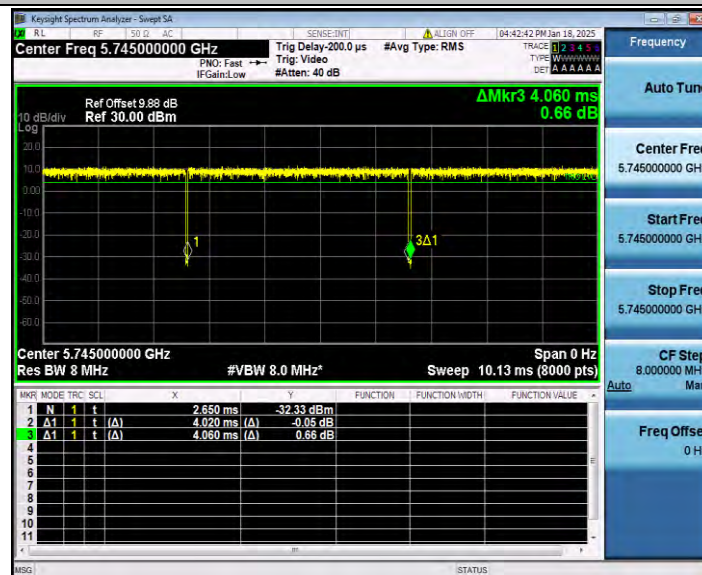
### Test Result

| TestMode   | Antenna | Freq(MHz) | Transmission Duration [ms] | Transmission Period [ms] | Duty Cycle [%] | Duty Cycle Factor[dB] | 1/T Factor[KHz] |
|------------|---------|-----------|----------------------------|--------------------------|----------------|-----------------------|-----------------|
| 11A        | Ant1    | 5745      | 0.20                       | 0.24                     | 83.33          | 0.79                  | 5.00            |
|            |         | 5785      | 0.19                       | 0.24                     | 79.17          | 1.01                  | 5.26            |
|            |         | 5825      | 0.19                       | 0.24                     | 79.17          | 1.01                  | 5.26            |
| 11N20SISO  | Ant1    | 5745      | 4.02                       | 4.06                     | 99.01          | 0.04                  | 0.25            |
|            |         | 5785      | 4.01                       | 4.06                     | 98.77          | 0.05                  | 0.25            |
|            |         | 5825      | 4.02                       | 4.06                     | 99.01          | 0.04                  | 0.25            |
| 11N40SISO  | Ant1    | 5755      | 4.00                       | 4.04                     | 99.01          | 0.04                  | 0.25            |
|            |         | 5795      | 3.99                       | 4.04                     | 98.76          | 0.05                  | 0.25            |
| 11AC20SISO | Ant1    | 5745      | 4.00                       | 4.05                     | 98.77          | 0.05                  | 0.25            |
|            |         | 5785      | 4.01                       | 4.05                     | 99.01          | 0.04                  | 0.25            |
|            |         | 5825      | 4.00                       | 4.05                     | 98.77          | 0.05                  | 0.25            |
| 11AC40SISO | Ant1    | 5755      | 3.98                       | 4.03                     | 98.76          | 0.05                  | 0.25            |
|            |         | 5795      | 3.98                       | 4.02                     | 99.00          | 0.04                  | 0.25            |
| 11AX20SISO | Ant1    | 5745      | 4.00                       | 4.04                     | 99.01          | 0.04                  | 0.25            |
|            |         | 5785      | 4.00                       | 4.05                     | 98.77          | 0.05                  | 0.25            |
|            |         | 5825      | 4.00                       | 4.05                     | 98.77          | 0.05                  | 0.25            |
| 11AX40SISO | Ant1    | 5755      | 3.99                       | 4.03                     | 99.01          | 0.04                  | 0.25            |
|            |         | 5795      | 3.99                       | 4.03                     | 99.01          | 0.04                  | 0.25            |

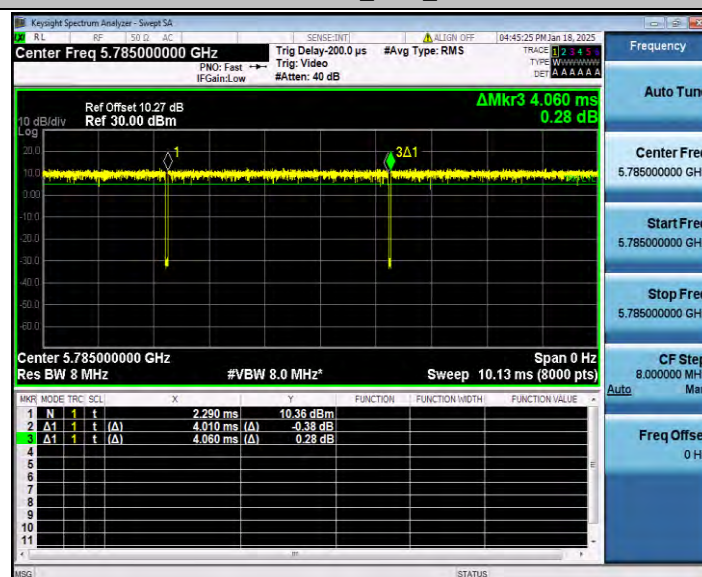




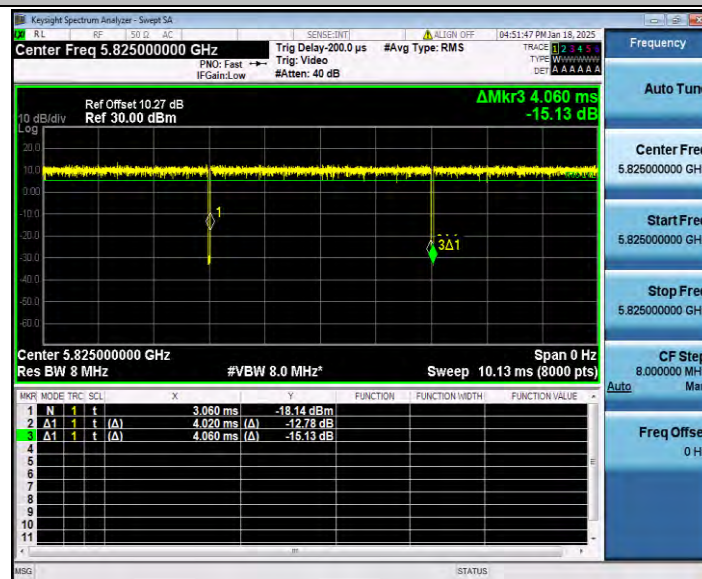
11N20SISO\_Ant1\_5745



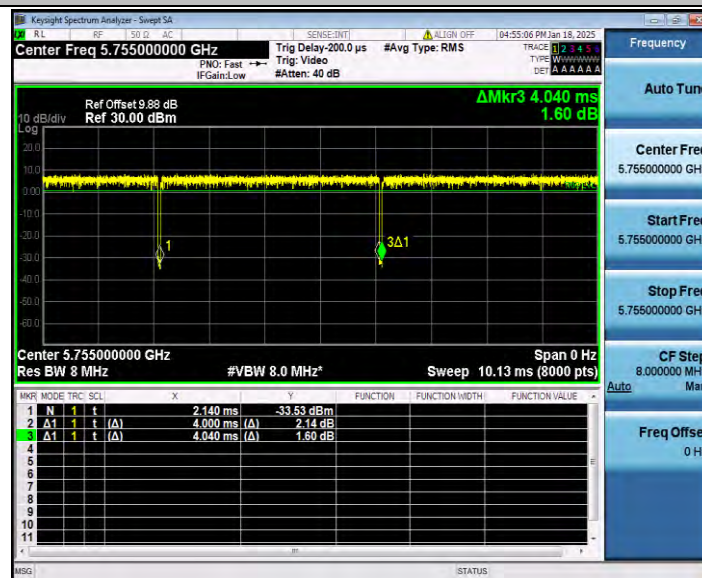
11N20SISO\_Ant1\_5785



## 11N20SISO\_Ant1\_5825

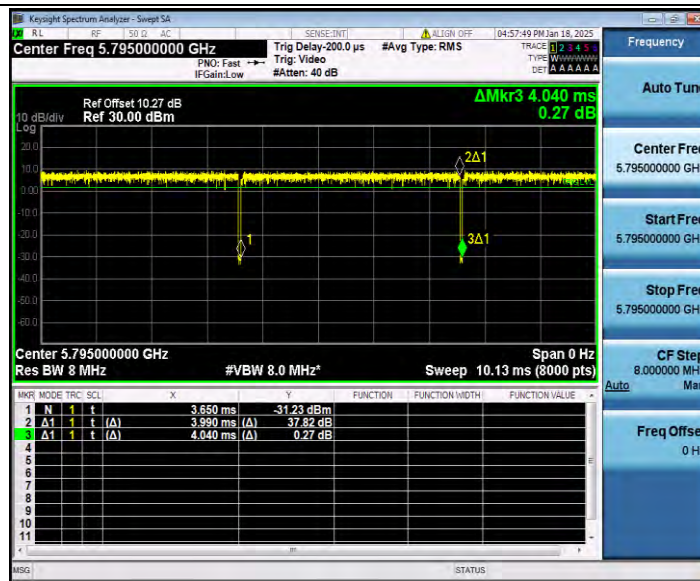


## 11N40SISO\_Ant1\_5755

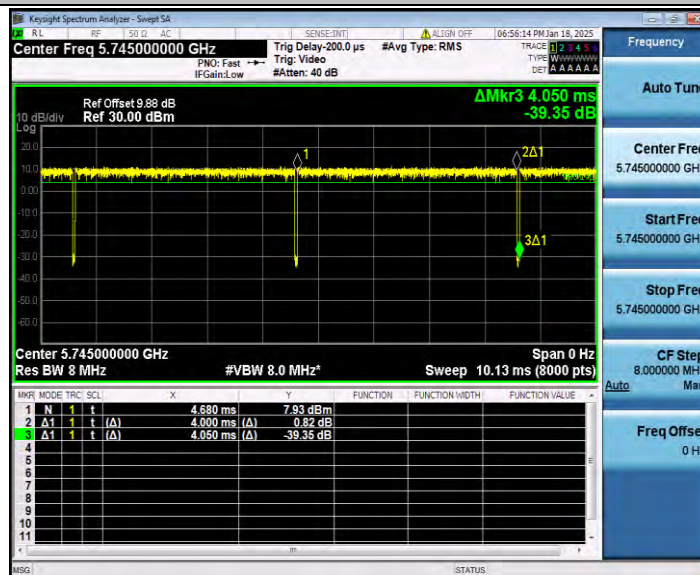


## 11N40SISO\_Ant1\_5795

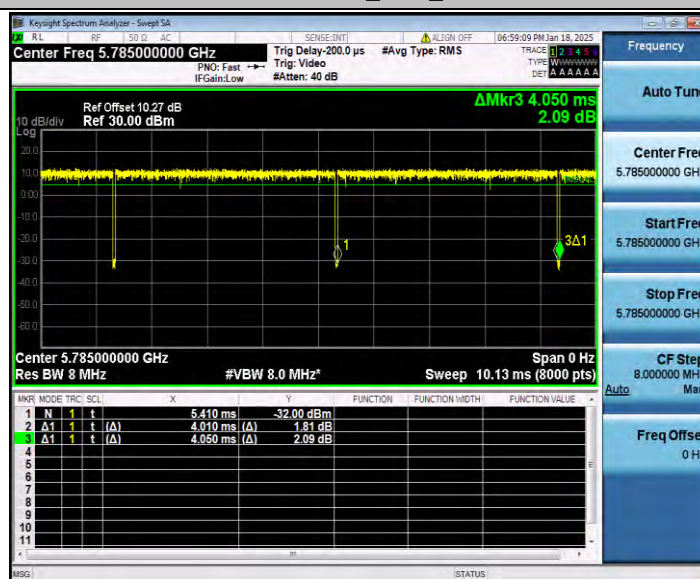




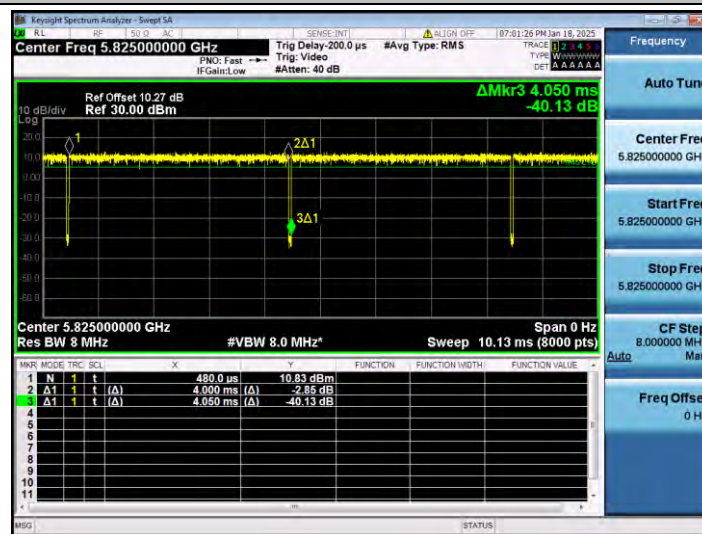
11AC20SISO\_Ant1\_5745



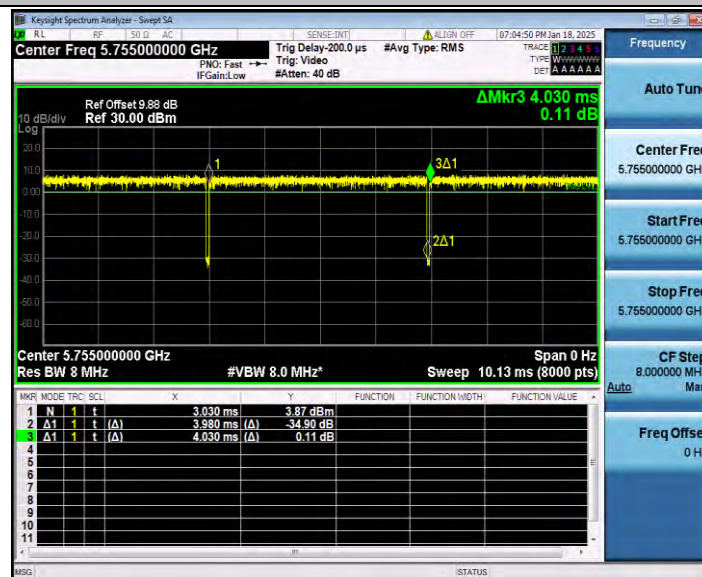
11AC20SISO\_Ant1\_5785



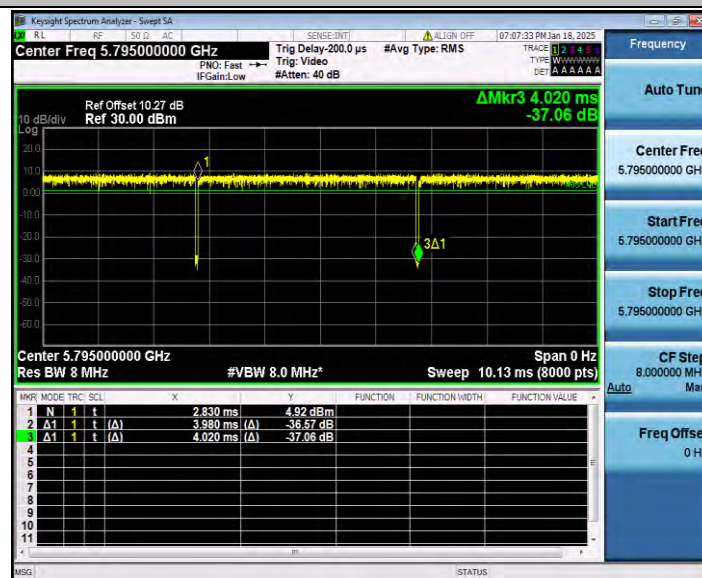
## 11AC20SISO\_Ant1\_5825



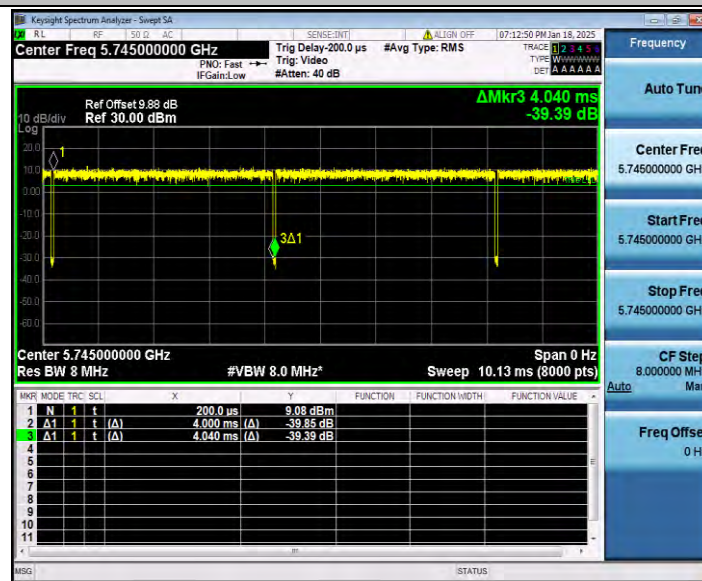
## 11AC40SISO\_Ant1\_5755



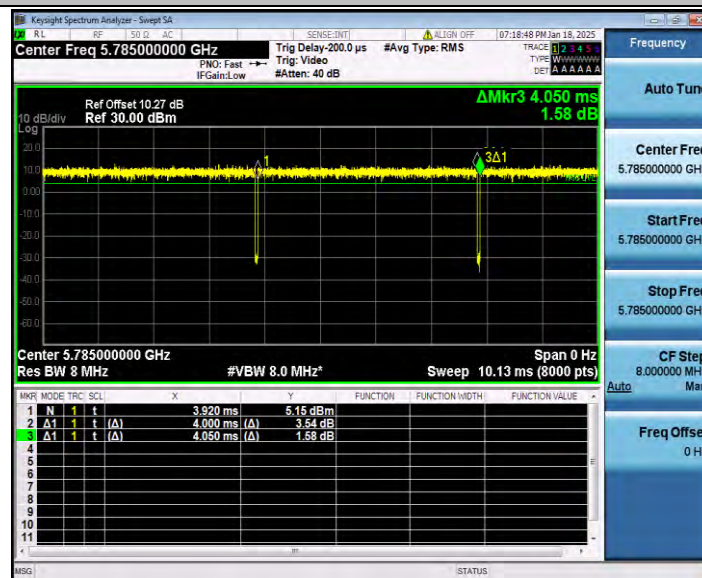
## 11AC40SISO\_Ant1\_5795



## 11AX20SISO\_Ant1\_5745



## 11AX20SISO\_Ant1\_5785



## 11AX20SISO\_Ant1\_5825



