

## **FCC Appendix RF Test Data for 5GWIFI**

**FCC ID** : **2BP98-C2**

**Company** : **Shenzhen Kuge Times Technology Co., Ltd.**

**EUT** : **4-in-1 Wireless CarPlay Adapter With Auto  
Emergency Rescue Device**

**Model Number** : **C2**

**Report No.** : **CTA26022400403**

**Reviewed By** : **Eric Wang**

## Appendix A1: Emission Bandwidth

### Test Result

| TestMode   | Antenna | Freq(MHz) | 26db EBW [MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|------------|---------|-----------|----------------|----------|----------|------------|---------|
| 11A        | Ant1    | 5180      | 23.720         | 5168.480 | 5192.200 | ---        | ---     |
|            |         | 5220      | 24.560         | 5207.960 | 5232.520 | ---        | ---     |
|            |         | 5240      | 22.840         | 5228.640 | 5251.480 | ---        | ---     |
|            |         | 5745      | 24.480         | 5732.360 | 5756.840 | ---        | ---     |
|            |         | 5785      | 23.360         | 5773.200 | 5796.560 | ---        | ---     |
|            |         | 5825      | 24.080         | 5812.880 | 5836.960 | ---        | ---     |
| 11N20SISO  | Ant1    | 5180      | 24.200         | 5168.160 | 5192.360 | ---        | ---     |
|            |         | 5220      | 23.560         | 5208.520 | 5232.080 | ---        | ---     |
|            |         | 5240      | 24.160         | 5228.400 | 5252.560 | ---        | ---     |
|            |         | 5745      | 24.400         | 5733.000 | 5757.400 | ---        | ---     |
|            |         | 5785      | 24.360         | 5772.680 | 5797.040 | ---        | ---     |
|            |         | 5825      | 24.560         | 5812.600 | 5837.160 | ---        | ---     |
| 11N40SISO  | Ant1    | 5190      | 43.840         | 5168.160 | 5212.000 | ---        | ---     |
|            |         | 5230      | 42.720         | 5208.640 | 5251.360 | ---        | ---     |
|            |         | 5755      | 45.280         | 5732.920 | 5778.200 | ---        | ---     |
|            |         | 5795      | 44.400         | 5773.640 | 5818.040 | ---        | ---     |
| 11AC20SISO | Ant1    | 5180      | 23.400         | 5168.080 | 5191.480 | ---        | ---     |
|            |         | 5220      | 22.000         | 5209.040 | 5231.040 | ---        | ---     |
|            |         | 5240      | 22.080         | 5229.120 | 5251.200 | ---        | ---     |
|            |         | 5745      | 25.360         | 5732.520 | 5757.880 | ---        | ---     |
|            |         | 5785      | 23.400         | 5773.480 | 5796.880 | ---        | ---     |
|            |         | 5825      | 24.160         | 5812.720 | 5836.880 | ---        | ---     |
| 11AC40SISO | Ant1    | 5190      | 42.480         | 5168.800 | 5211.280 | ---        | ---     |
|            |         | 5230      | 42.080         | 5208.960 | 5251.040 | ---        | ---     |
|            |         | 5755      | 44.480         | 5733.240 | 5777.720 | ---        | ---     |
|            |         | 5795      | 44.720         | 5772.840 | 5817.560 | ---        | ---     |
| 11AX20SISO | Ant1    | 5180      | 23.120         | 5168.560 | 5191.680 | ---        | ---     |
|            |         | 5220      | 22.520         | 5208.840 | 5231.360 | ---        | ---     |
|            |         | 5240      | 22.600         | 5228.720 | 5251.320 | ---        | ---     |
|            |         | 5745      | 23.360         | 5733.440 | 5756.800 | ---        | ---     |
|            |         | 5785      | 24.080         | 5773.160 | 5797.240 | ---        | ---     |
|            |         | 5825      | 24.040         | 5813.040 | 5837.080 | ---        | ---     |
| 11AX40SISO | Ant1    | 5190      | 42.800         | 5168.560 | 5211.360 | ---        | ---     |
|            |         | 5230      | 42.320         | 5208.800 | 5251.120 | ---        | ---     |
|            |         | 5755      | 43.920         | 5733.400 | 5777.320 | ---        | ---     |
|            |         | 5795      | 43.680         | 5773.720 | 5817.400 | ---        | ---     |

## Test Graphs

11A\_Ant1\_5180



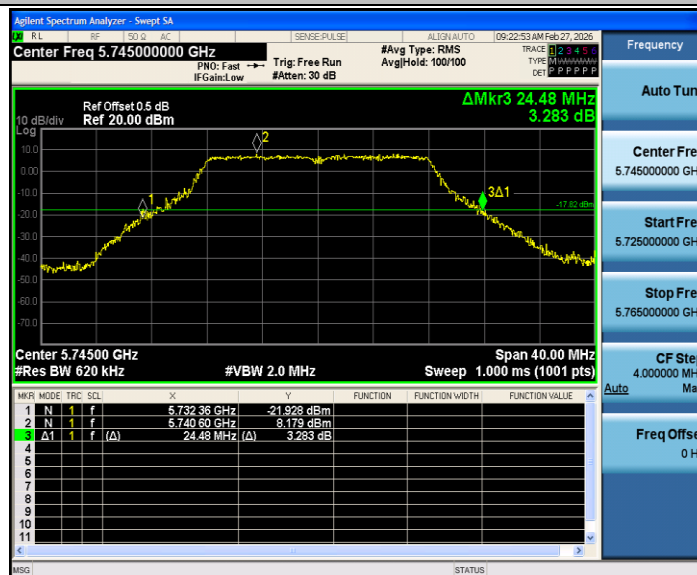
11A\_Ant1\_5220



11A\_Ant1\_5240



11A\_Ant1\_5745



11A\_Ant1\_5785



# 11A\_Ant1\_5825



# 11N20SISO\_Ant1\_5180



# 11N20SISO\_Ant1\_5220



11N20SISO\_Ant1\_5240



11N20SISO\_Ant1\_5745



# 11N20SISO\_Ant1\_5785



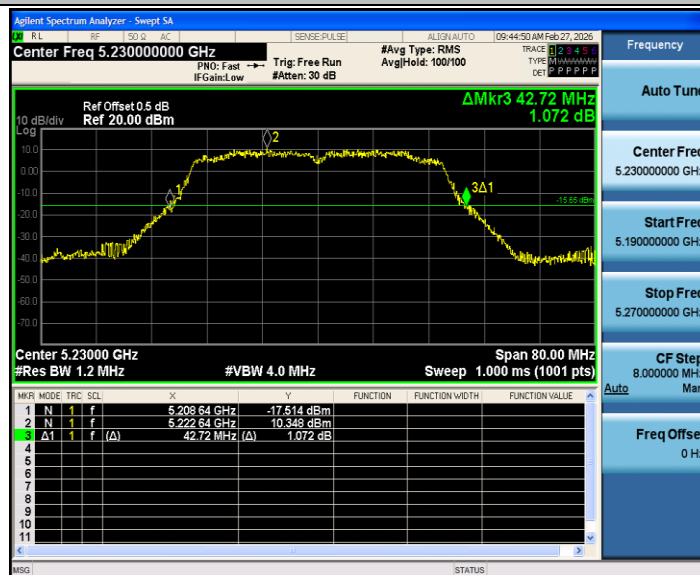
# 11N20SISO\_Ant1\_5825



# 11N40SISO\_Ant1\_5190



11N40SISO\_Ant1\_5230



11N40SISO\_Ant1\_5755



# 11N40SISO\_Ant1\_5795



# 11AC20SISO\_Ant1\_5180



# 11AC20SISO\_Ant1\_5220



11AC20SISO\_Ant1\_5240



11AC20SISO\_Ant1\_5745



11AC20SISO\_Ant1\_5785



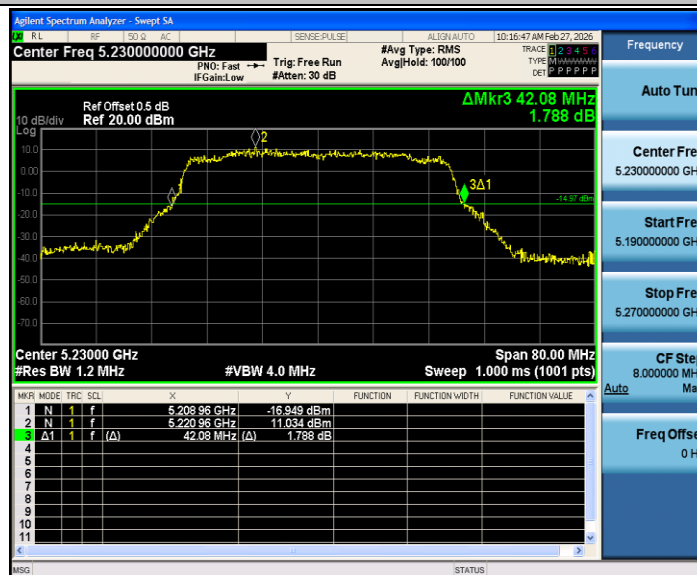
11AC20SISO\_Ant1\_5825



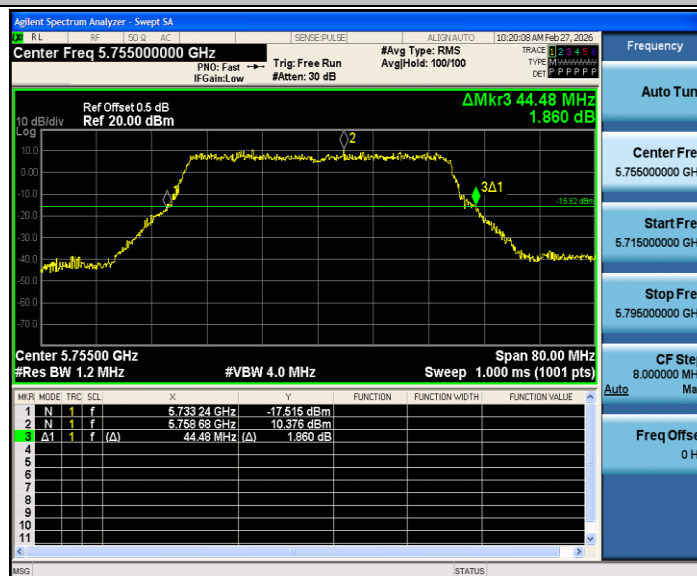
11AC40SISO\_Ant1\_5190



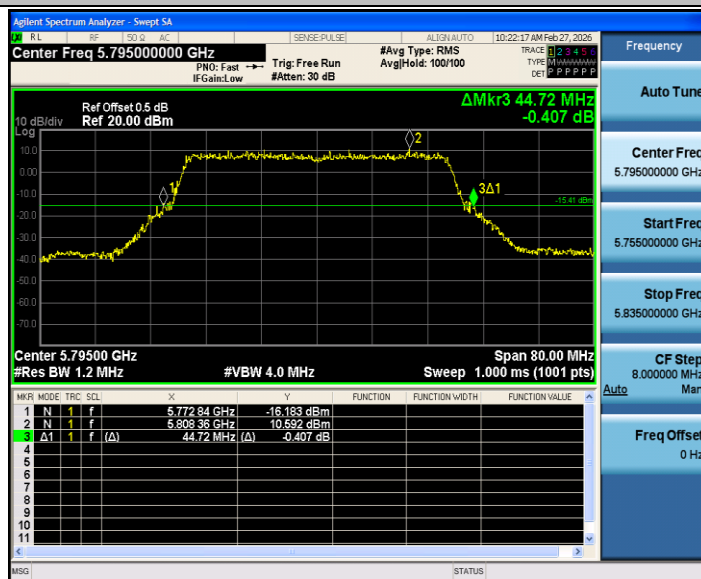
11AC40SISO\_Ant1\_5230



11AC40SISO\_Ant1\_5755



# 11AC40SISO\_Ant1\_5795



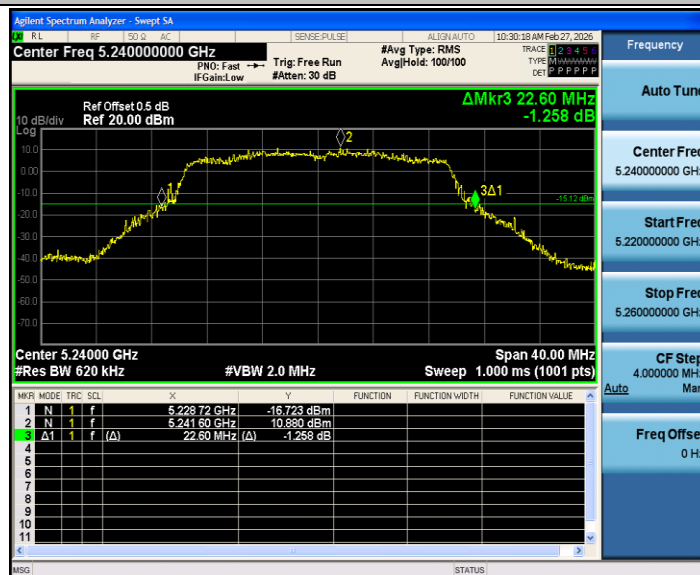
# 11AX20SISO\_Ant1\_5180



# 11AX20SISO\_Ant1\_5220



11AX20SISO\_Ant1\_5240



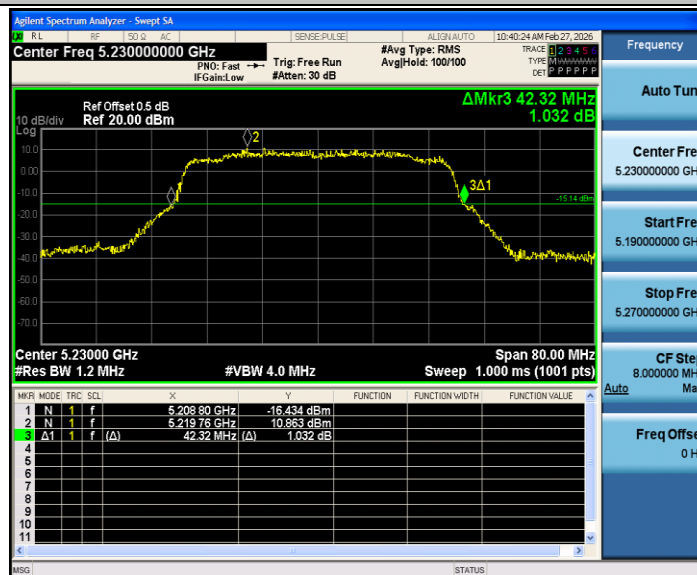
11AX20SISO\_Ant1\_5745



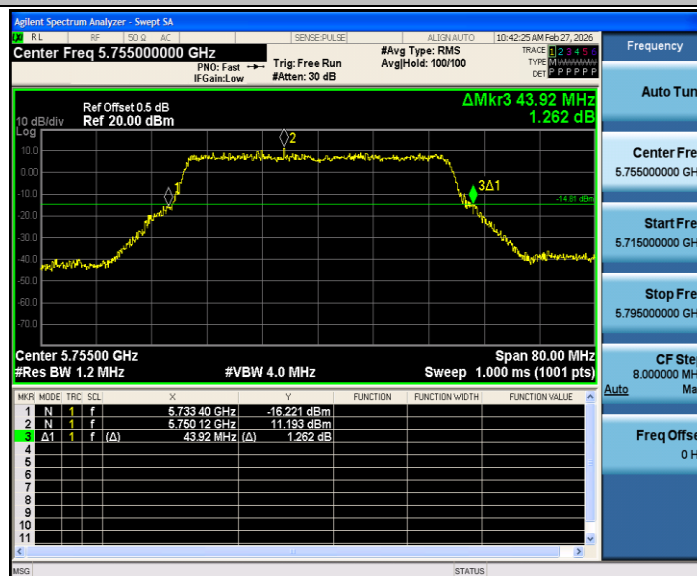




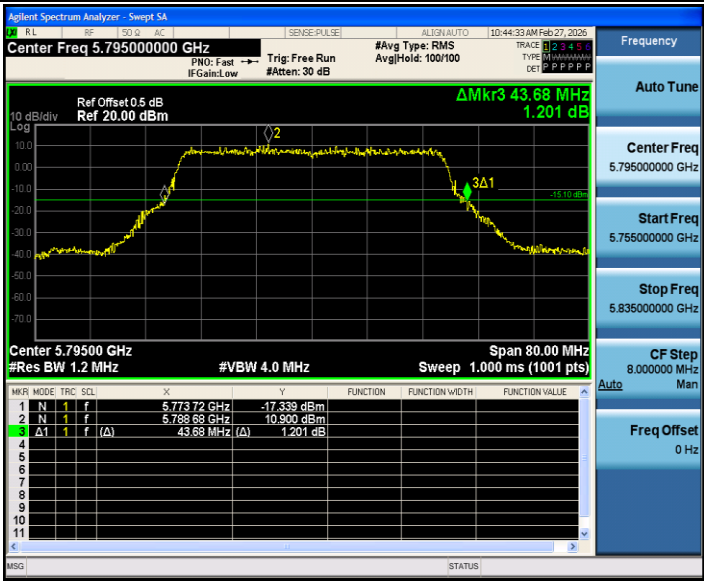
11AX40ISO\_Ant1\_5230



11AX40ISO\_Ant1\_5755



11AX40SISO\_Ant1\_5795



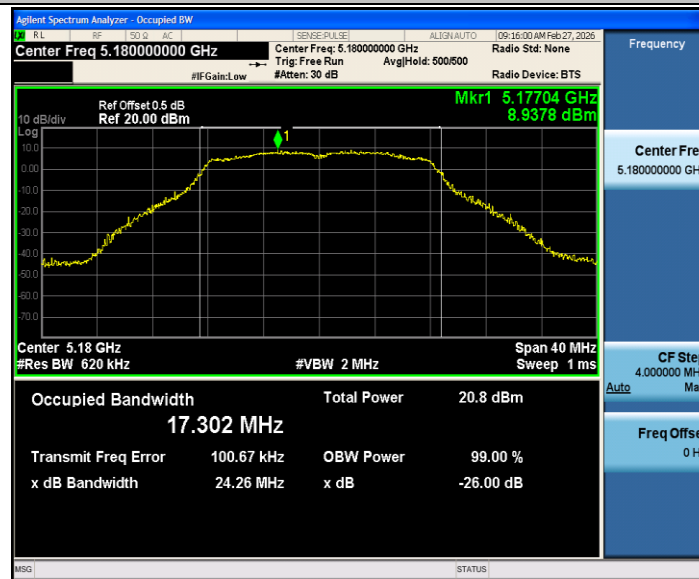
## Appendix A2: Occupied channel bandwidth

### Test Result

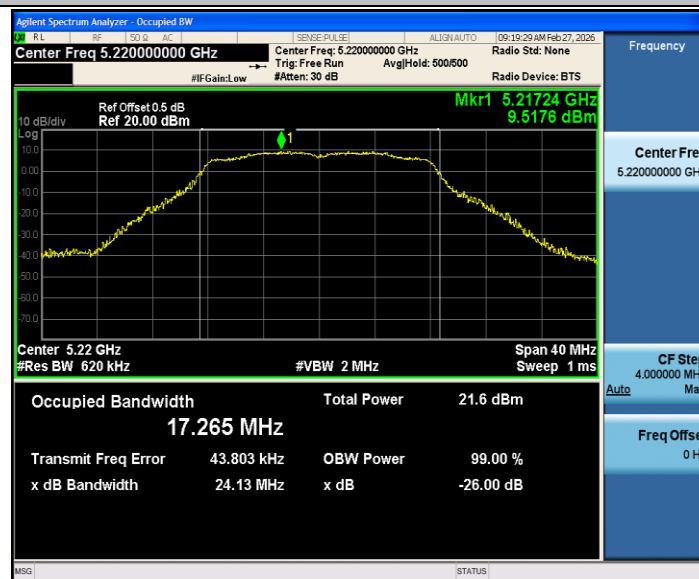
| TestMode   | Antenna | Freq(MHz) | OCB [MHz] | FL[MHz]   | FH[MHz]   | Limit[MHz] | Verdict |
|------------|---------|-----------|-----------|-----------|-----------|------------|---------|
| 11A        | Ant1    | 5180      | 17.302    | 5171.4497 | 5188.7517 | ---        | ---     |
|            |         | 5220      | 17.265    | 5211.4113 | 5228.6763 | ---        | ---     |
|            |         | 5240      | 17.244    | 5231.4184 | 5248.6624 | ---        | ---     |
|            |         | 5745      | 17.651    | 5736.2309 | 5753.8819 | ---        | ---     |
|            |         | 5785      | 17.687    | 5776.1755 | 5793.8625 | ---        | ---     |
|            |         | 5825      | 17.634    | 5816.1617 | 5833.7957 | ---        | ---     |
| 11N20SISO  | Ant1    | 5180      | 18.334    | 5170.8891 | 5189.2231 | ---        | ---     |
|            |         | 5220      | 18.270    | 5210.9099 | 5229.1799 | ---        | ---     |
|            |         | 5240      | 18.238    | 5230.9159 | 5249.1539 | ---        | ---     |
|            |         | 5745      | 18.671    | 5735.6728 | 5754.3438 | ---        | ---     |
|            |         | 5785      | 18.656    | 5775.6943 | 5794.3503 | ---        | ---     |
|            |         | 5825      | 18.693    | 5815.6272 | 5834.3202 | ---        | ---     |
| 11N40SISO  | Ant1    | 5190      | 36.289    | 5171.9545 | 5208.2435 | ---        | ---     |
|            |         | 5230      | 36.263    | 5211.9357 | 5248.1987 | ---        | ---     |
|            |         | 5755      | 36.982    | 5736.6154 | 5773.5974 | ---        | ---     |
|            |         | 5795      | 36.910    | 5776.6146 | 5813.5246 | ---        | ---     |
| 11AC20SISO | Ant1    | 5180      | 19.102    | 5170.4947 | 5189.5967 | ---        | ---     |
|            |         | 5220      | 19.105    | 5210.4790 | 5229.5840 | ---        | ---     |
|            |         | 5240      | 19.072    | 5230.5175 | 5249.5895 | ---        | ---     |
|            |         | 5745      | 19.396    | 5735.3476 | 5754.7436 | ---        | ---     |
|            |         | 5785      | 19.359    | 5775.3686 | 5794.7276 | ---        | ---     |
|            |         | 5825      | 19.398    | 5815.3052 | 5834.7032 | ---        | ---     |
| 11AC40SISO | Ant1    | 5190      | 37.776    | 5171.2021 | 5208.9781 | ---        | ---     |
|            |         | 5230      | 37.675    | 5211.2189 | 5248.8939 | ---        | ---     |
|            |         | 5755      | 38.365    | 5735.9109 | 5774.2759 | ---        | ---     |
|            |         | 5795      | 38.280    | 5775.9612 | 5814.2412 | ---        | ---     |
| 11AX20SISO | Ant1    | 5180      | 19.108    | 5170.4862 | 5189.5942 | ---        | ---     |
|            |         | 5220      | 19.163    | 5210.4857 | 5229.6487 | ---        | ---     |
|            |         | 5240      | 19.152    | 5230.4625 | 5249.6145 | ---        | ---     |
|            |         | 5745      | 19.395    | 5735.3430 | 5754.7380 | ---        | ---     |
|            |         | 5785      | 19.363    | 5775.3642 | 5794.7272 | ---        | ---     |
|            |         | 5825      | 19.376    | 5815.3505 | 5834.7265 | ---        | ---     |
| 11AX40SISO | Ant1    | 5190      | 37.818    | 5171.1697 | 5208.9877 | ---        | ---     |
|            |         | 5230      | 37.664    | 5211.2479 | 5248.9119 | ---        | ---     |
|            |         | 5755      | 38.277    | 5735.9783 | 5774.2553 | ---        | ---     |
|            |         | 5795      | 38.401    | 5775.8952 | 5814.2962 | ---        | ---     |

## Test Graphs

11A\_Ant1\_5180



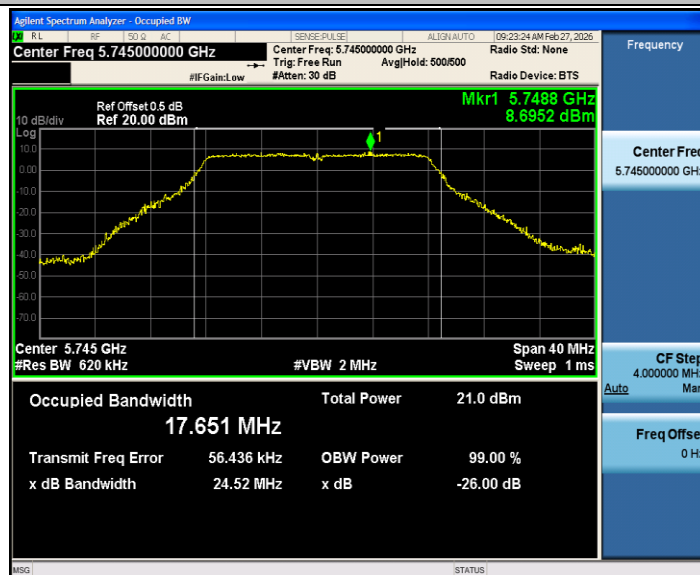
11A\_Ant1\_5220



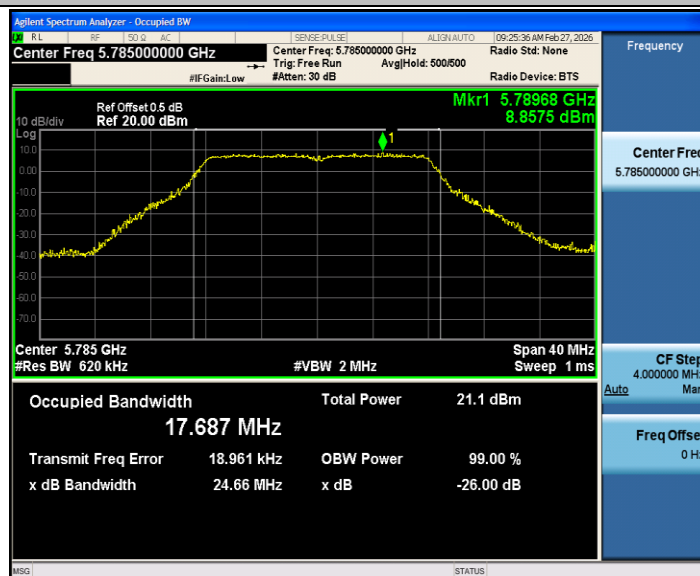
11A\_Ant1\_5240



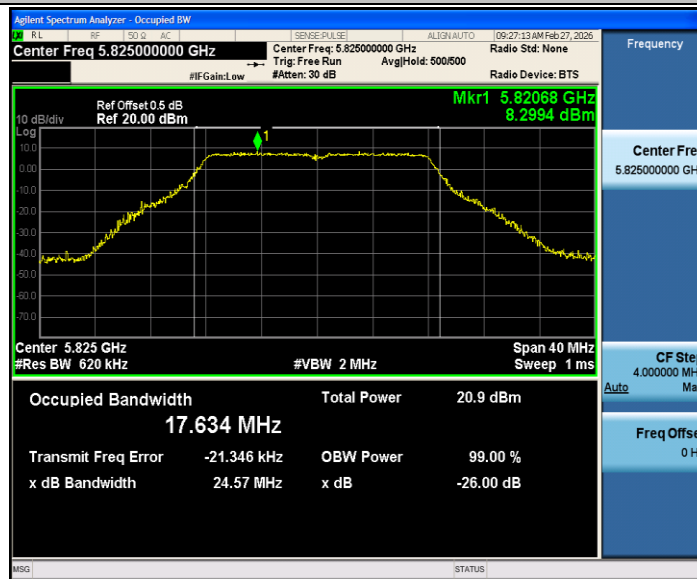
11A\_Ant1\_5745



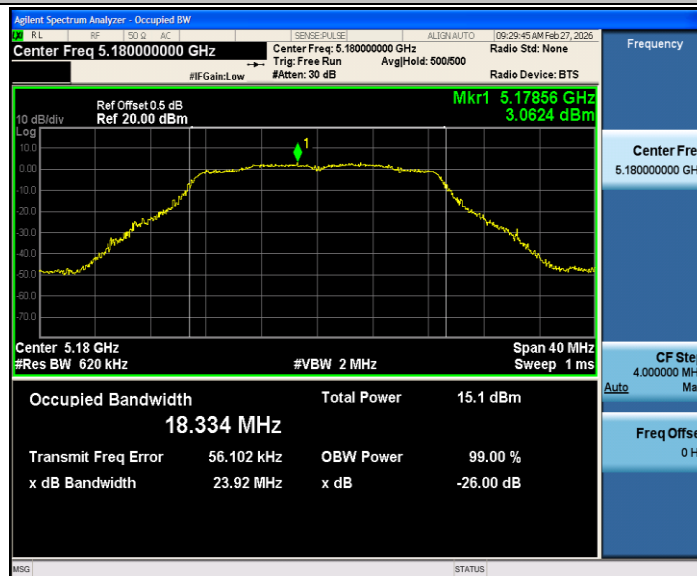
11A\_Ant1\_5785



# 11A\_Ant1\_5825



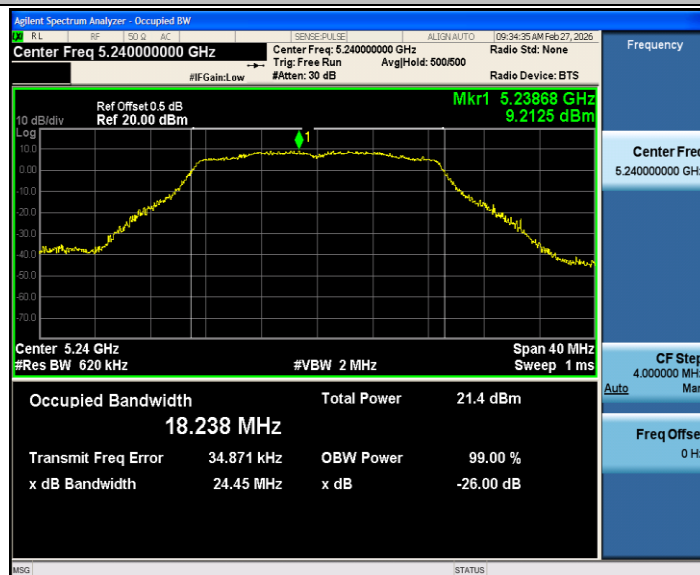
# 11N20SISO\_Ant1\_5180



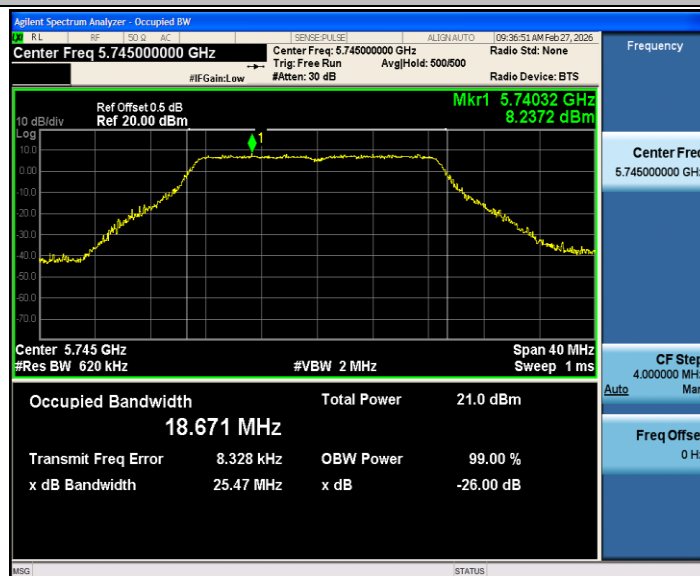
# 11N20SISO\_Ant1\_5220



11N20SISO\_Ant1\_5240



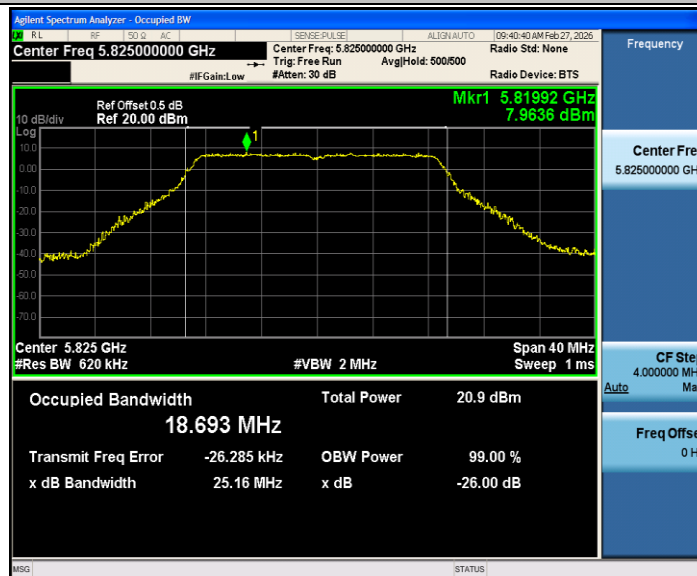
11N20SISO\_Ant1\_5745



# 11N20SISO\_Ant1\_5785



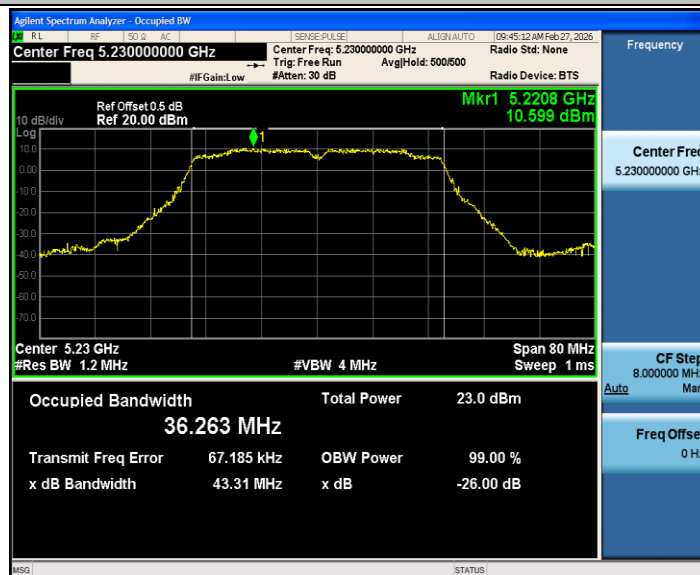
# 11N20SISO\_Ant1\_5825



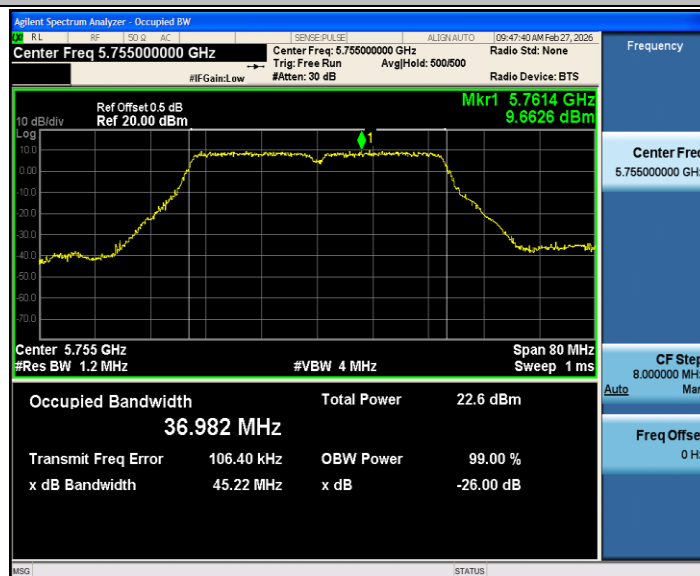
# 11N40SISO\_Ant1\_5190



11N40SISO\_Ant1\_5230



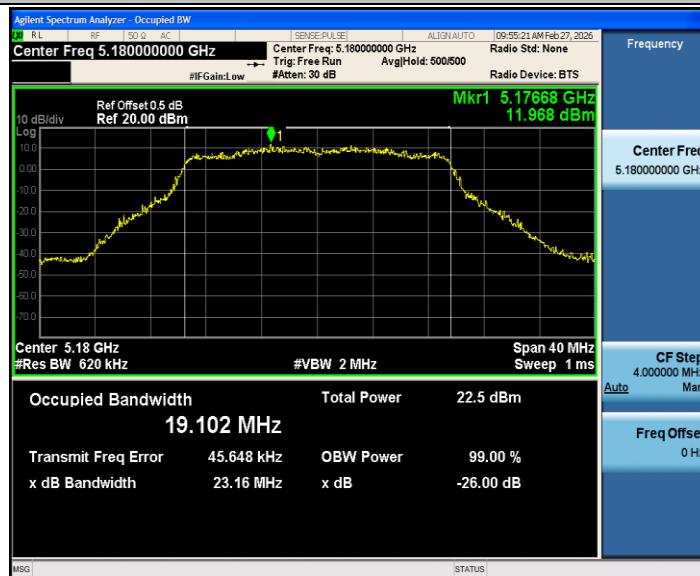
11N40SISO\_Ant1\_5755



### 11N40SISO\_Ant1\_5795



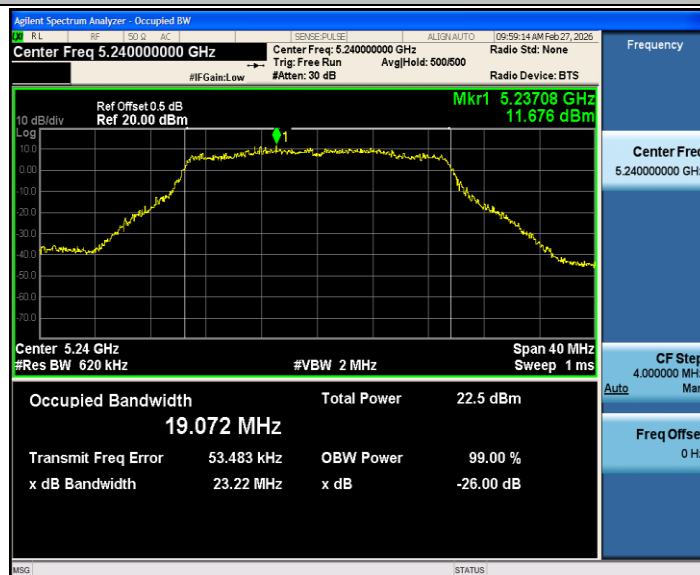
### 11AC20SISO\_Ant1\_5180



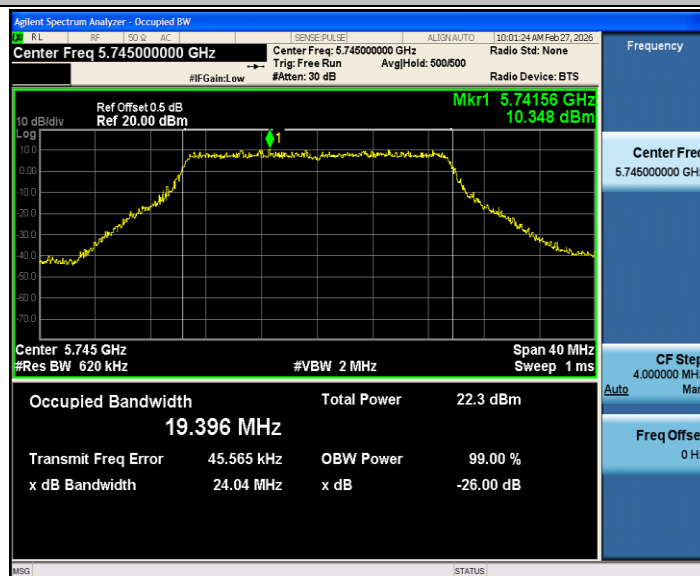
### 11AC20SISO\_Ant1\_5220



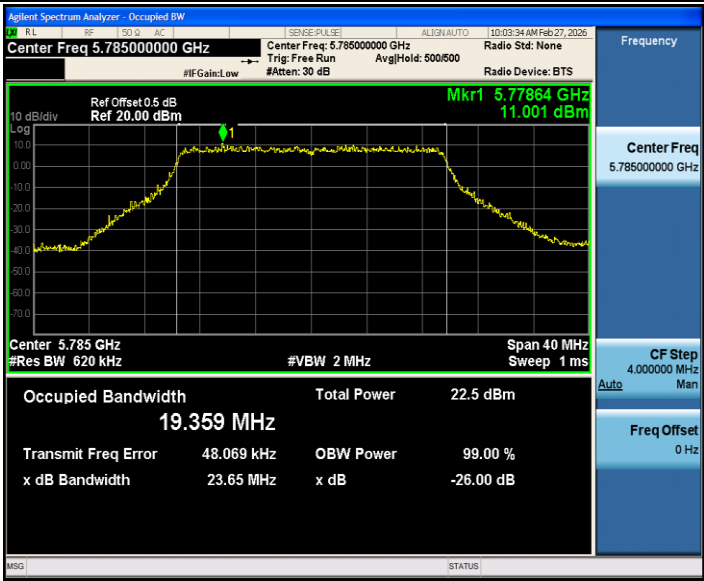
11AC20SISO\_Ant1\_5240



11AC20SISO\_Ant1\_5745



11AC20SISO\_Ant1\_5785



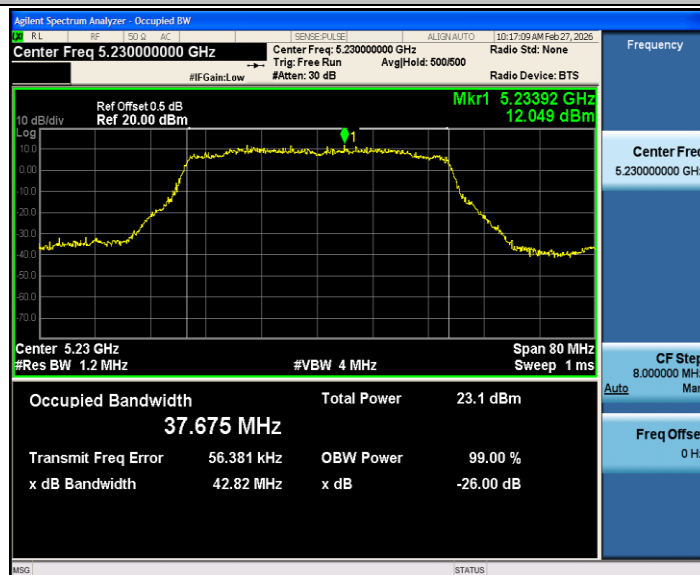
11AC20SISO\_Ant1\_5825



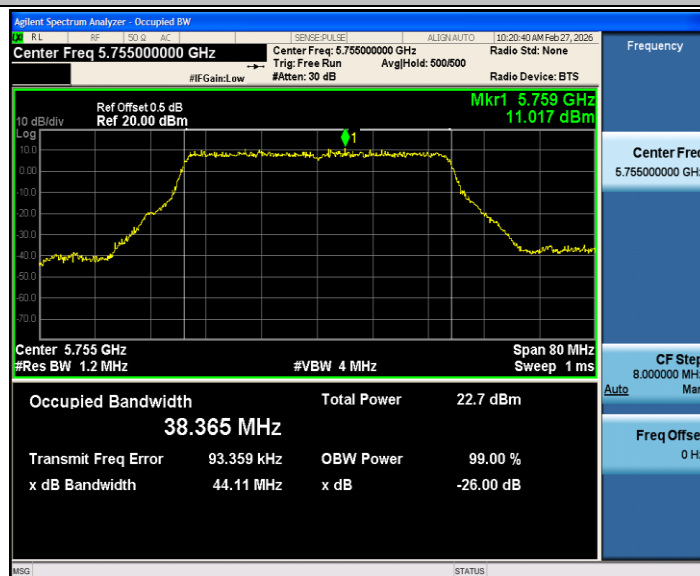
11AC40SISO\_Ant1\_5190



11AC40SISO\_Ant1\_5230



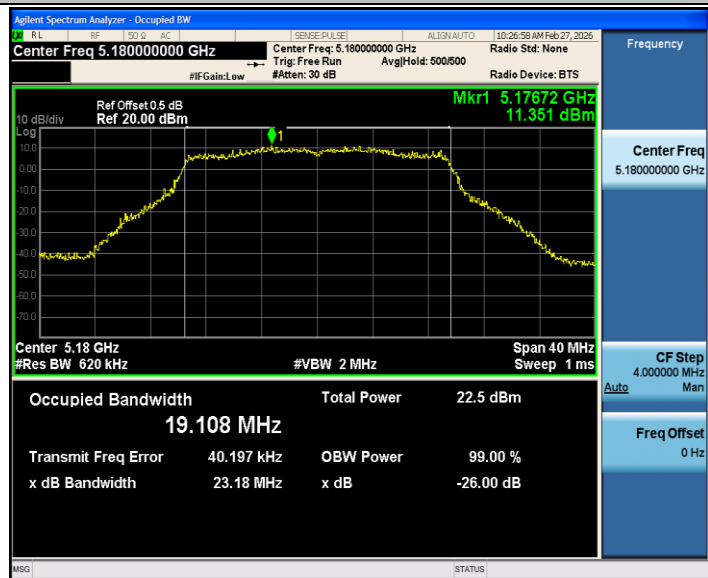
11AC40SISO\_Ant1\_5755



11AC40SISO\_Ant1\_5795



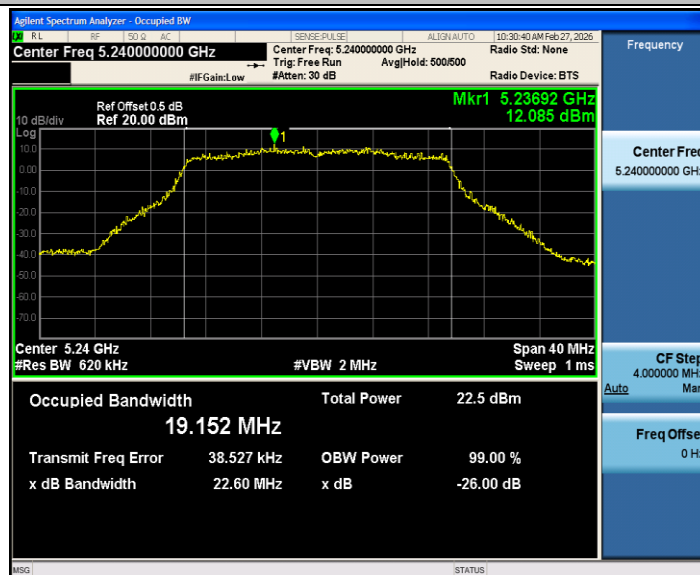
11AX20SISO\_Ant1\_5180



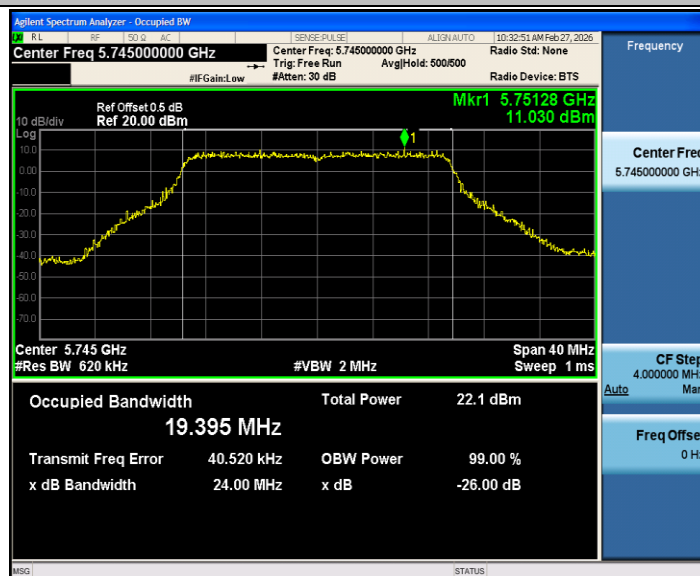
11AX20SISO\_Ant1\_5220



11AX20ISO\_Ant1\_5240



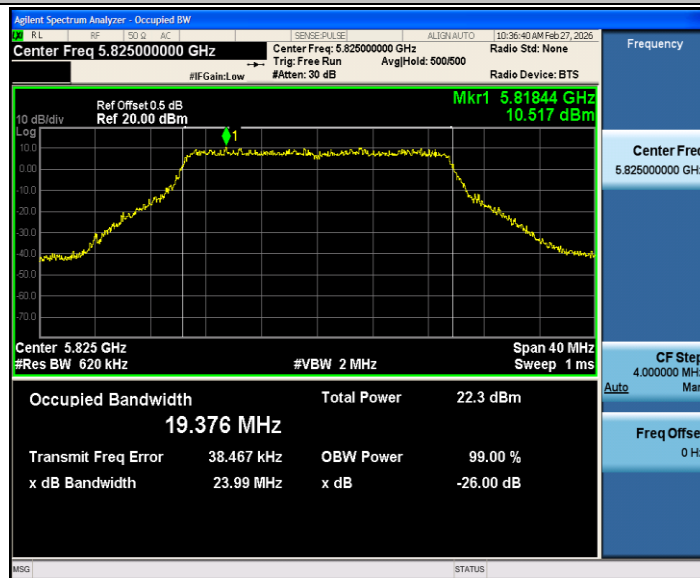
11AX20ISO\_Ant1\_5745



### 11AX20SISO\_Ant1\_5785



### 11AX20SISO\_Ant1\_5825



### 11AX40SISO\_Ant1\_5190