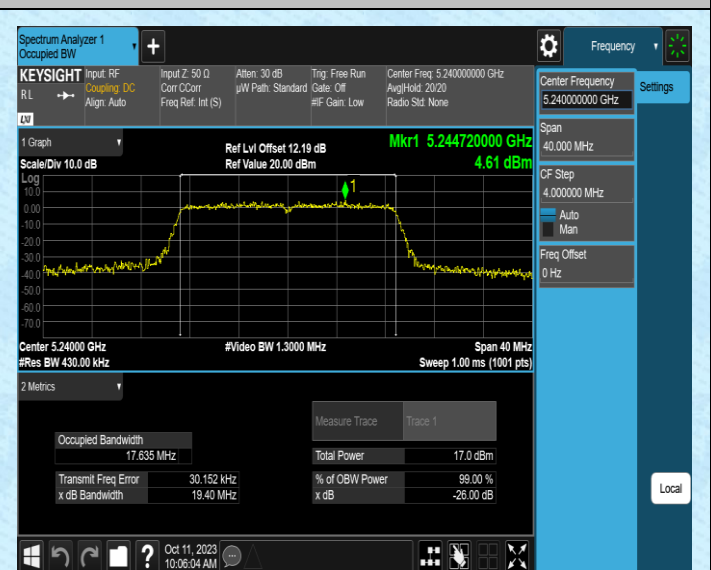
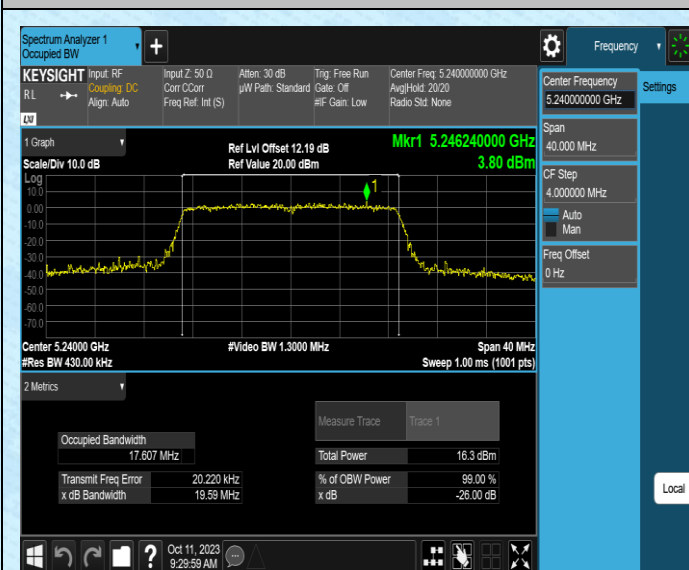
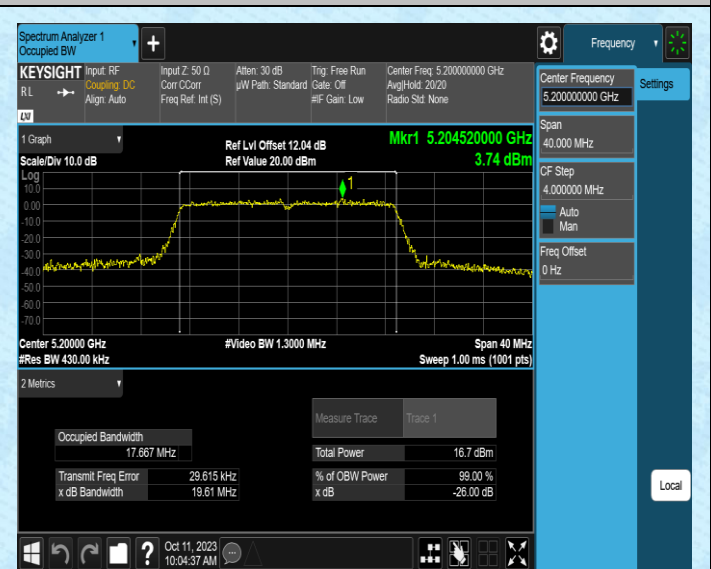
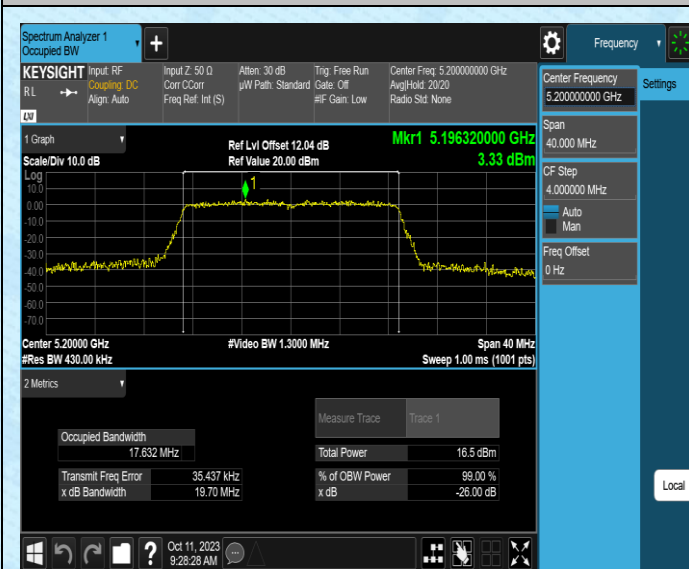
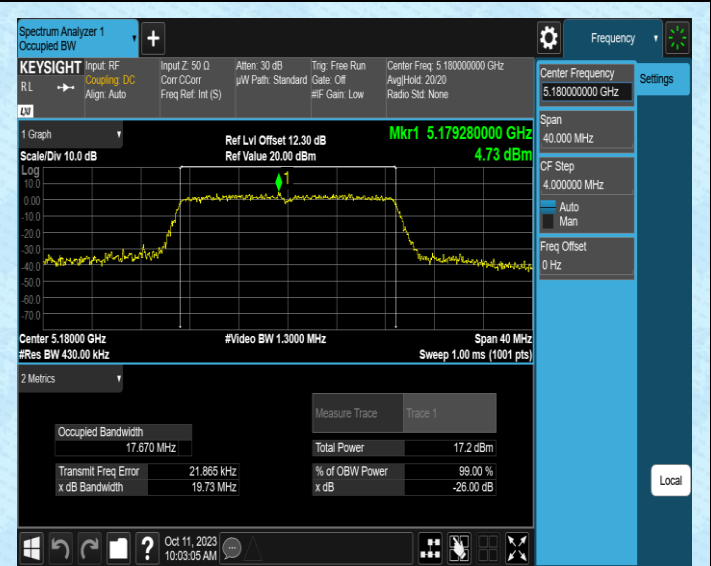
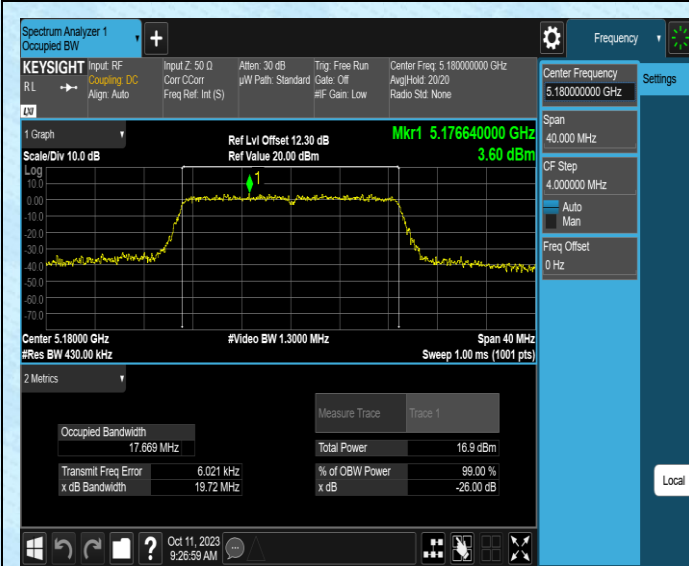






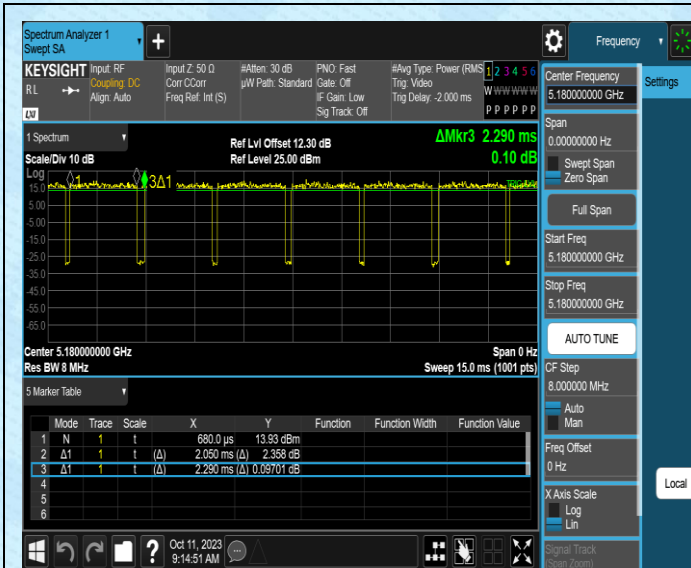


## AppendixB: Duty Cycle

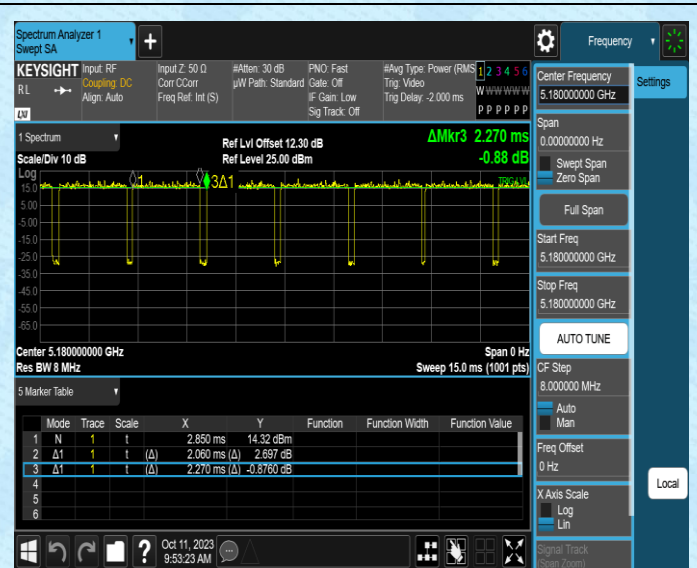
### Test Result

| Test Mode  | Antenna | Frequency[MHz] | Transmission Duration<br>[ms] | Transmission Period<br>[ms] | Duty Cycle [%] |
|------------|---------|----------------|-------------------------------|-----------------------------|----------------|
| 11A        | Ant1    | 5180           | 2.05                          | 2.29                        | 89.52          |
| 11A        | Ant2    | 5180           | 2.06                          | 2.27                        | 90.75          |
| 11A        | Ant1    | 5200           | 2.07                          | 2.28                        | 90.79          |
| 11A        | Ant2    | 5200           | 2.05                          | 2.26                        | 90.71          |
| 11A        | Ant1    | 5240           | 2.07                          | 2.29                        | 90.39          |
| 11A        | Ant2    | 5240           | 2.05                          | 2.28                        | 89.91          |
| 11N20SISO  | Ant1    | 5180           | 1.92                          | 2.13                        | 90.14          |
| 11N20SISO  | Ant2    | 5180           | 1.92                          | 2.14                        | 89.72          |
| 11N20SISO  | Ant1    | 5200           | 1.92                          | 2.12                        | 90.57          |
| 11N20SISO  | Ant2    | 5200           | 1.92                          | 2.13                        | 90.14          |
| 11N20SISO  | Ant1    | 5240           | 1.92                          | 2.14                        | 89.72          |
| 11N20SISO  | Ant2    | 5240           | 1.92                          | 2.13                        | 90.14          |
| 11N20MIMO  | Ant1    | 5180           | 1.92                          | 2.14                        | 89.72          |
| 11N20MIMO  | Ant2    | 5180           | 1.92                          | 2.12                        | 90.57          |
| 11N20MIMO  | Ant1    | 5200           | 1.92                          | 2.11                        | 91.00          |
| 11N20MIMO  | Ant2    | 5200           | 1.92                          | 2.14                        | 89.72          |
| 11N20MIMO  | Ant1    | 5240           | 1.92                          | 2.10                        | 91.43          |
| 11N20MIMO  | Ant2    | 5240           | 1.92                          | 2.10                        | 91.43          |
| 11AC20SISO | Ant1    | 5180           | 1.93                          | 2.14                        | 90.19          |
| 11AC20SISO | Ant2    | 5180           | 1.93                          | 2.11                        | 91.47          |
| 11AC20SISO | Ant1    | 5200           | 1.93                          | 2.11                        | 91.47          |
| 11AC20SISO | Ant2    | 5200           | 1.94                          | 2.16                        | 89.81          |
| 11AC20SISO | Ant1    | 5240           | 1.93                          | 2.16                        | 89.35          |
| 11AC20SISO | Ant2    | 5240           | 1.93                          | 2.17                        | 88.94          |
| 11AC20MIMO | Ant1    | 5180           | 1.93                          | 2.17                        | 88.94          |
| 11AC20MIMO | Ant2    | 5180           | 1.93                          | 2.13                        | 90.61          |
| 11AC20MIMO | Ant1    | 5200           | 1.92                          | 2.18                        | 88.07          |
| 11AC20MIMO | Ant2    | 5200           | 1.92                          | 2.18                        | 88.07          |
| 11AC20MIMO | Ant1    | 5240           | 1.92                          | 2.16                        | 88.89          |
| 11AC20MIMO | Ant2    | 5240           | 1.94                          | 2.15                        | 90.23          |

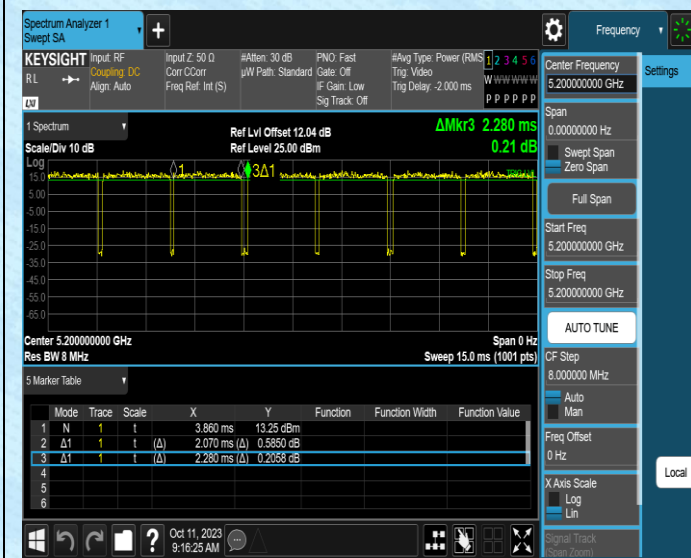
## Test Graphs



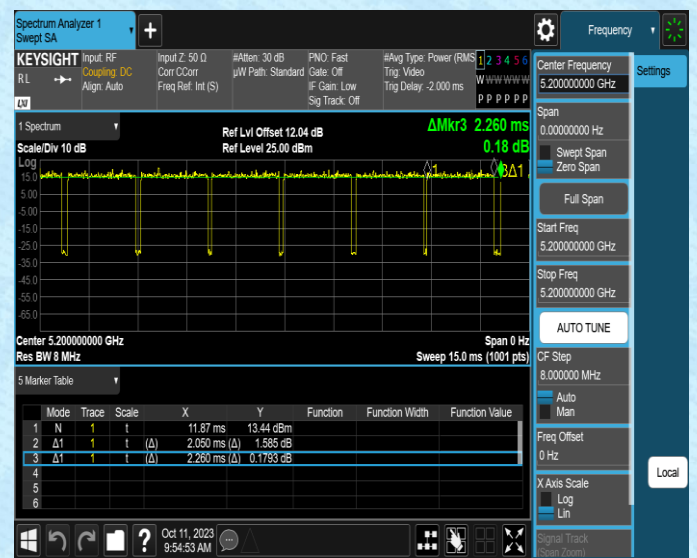
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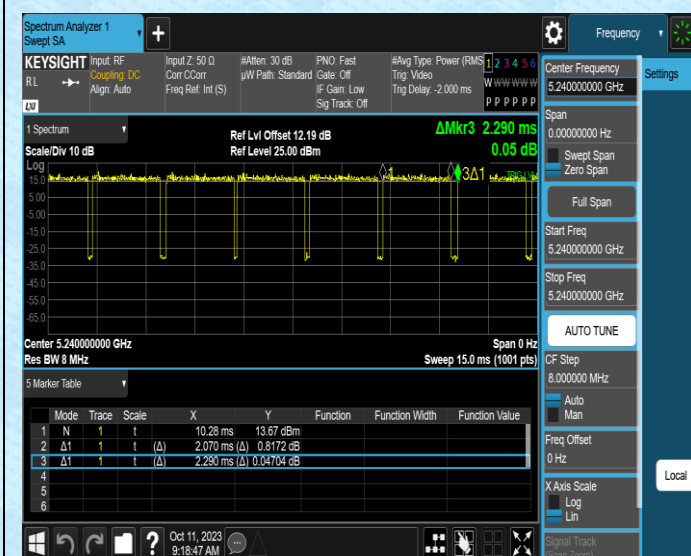
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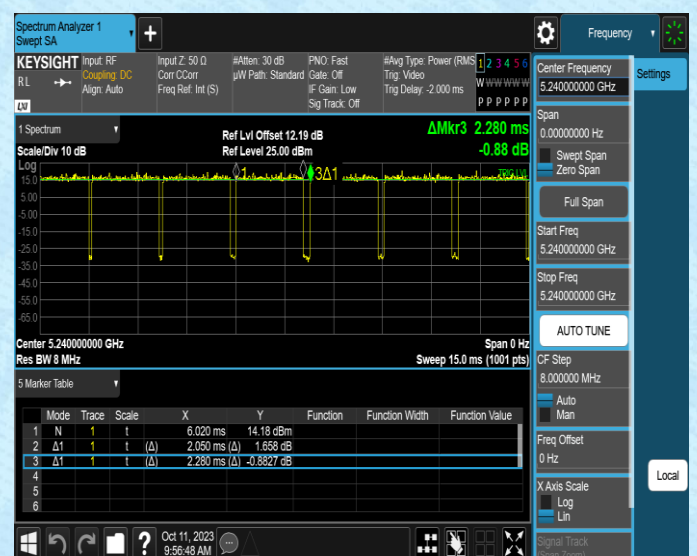
NTNV-11A-Ant1-5200



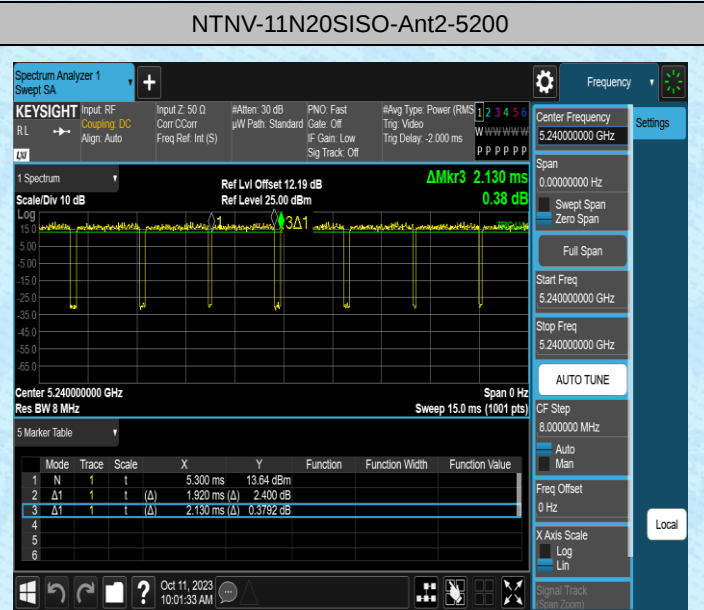
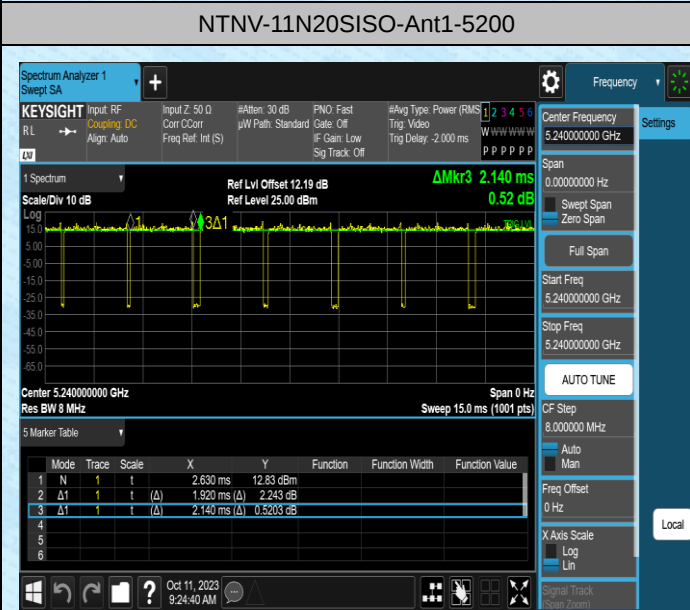
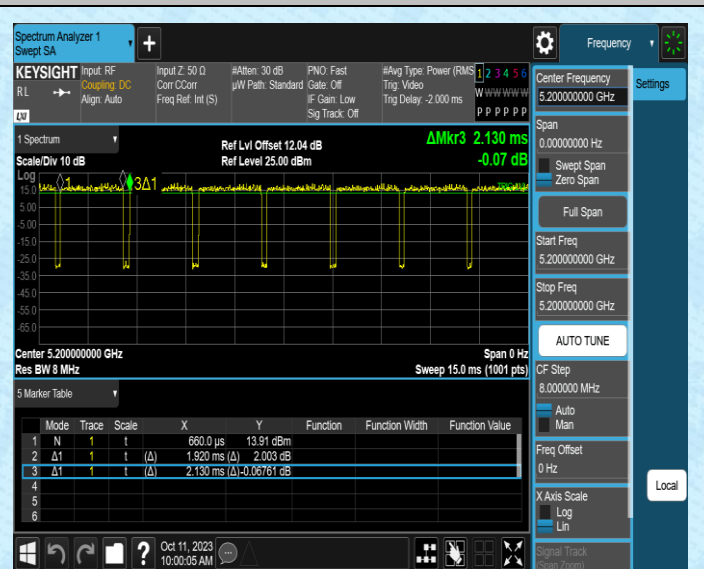
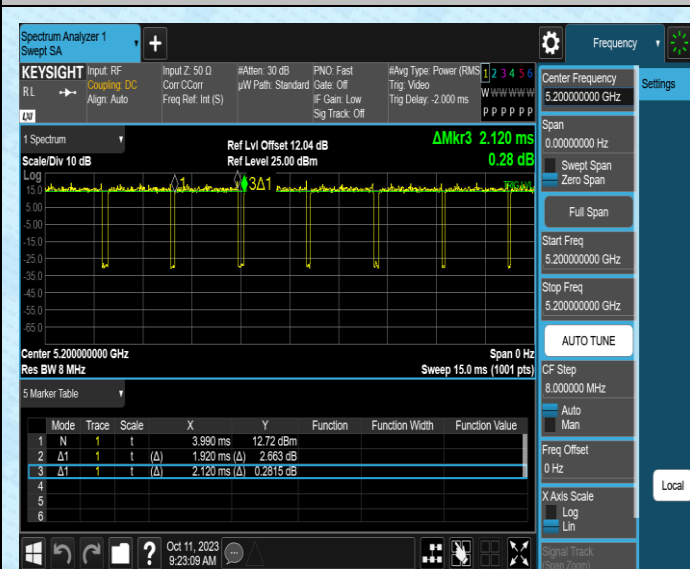
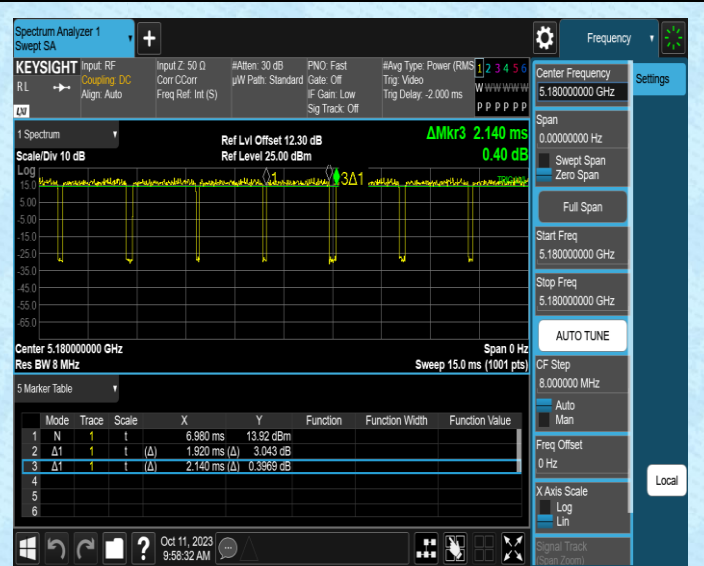
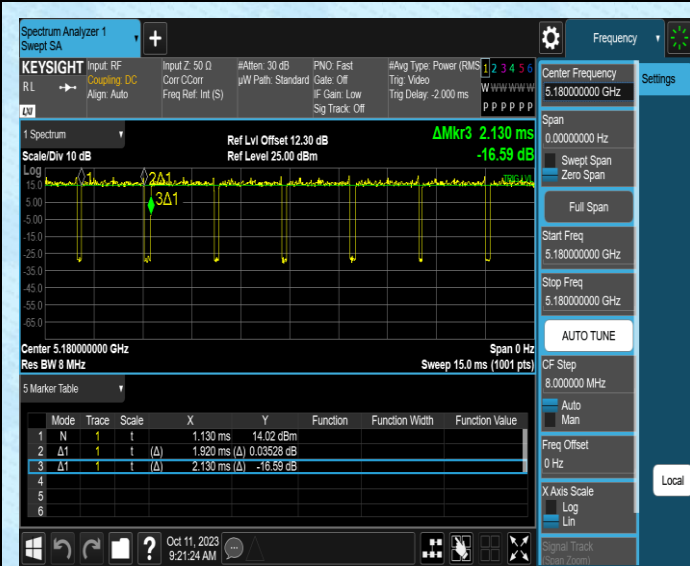
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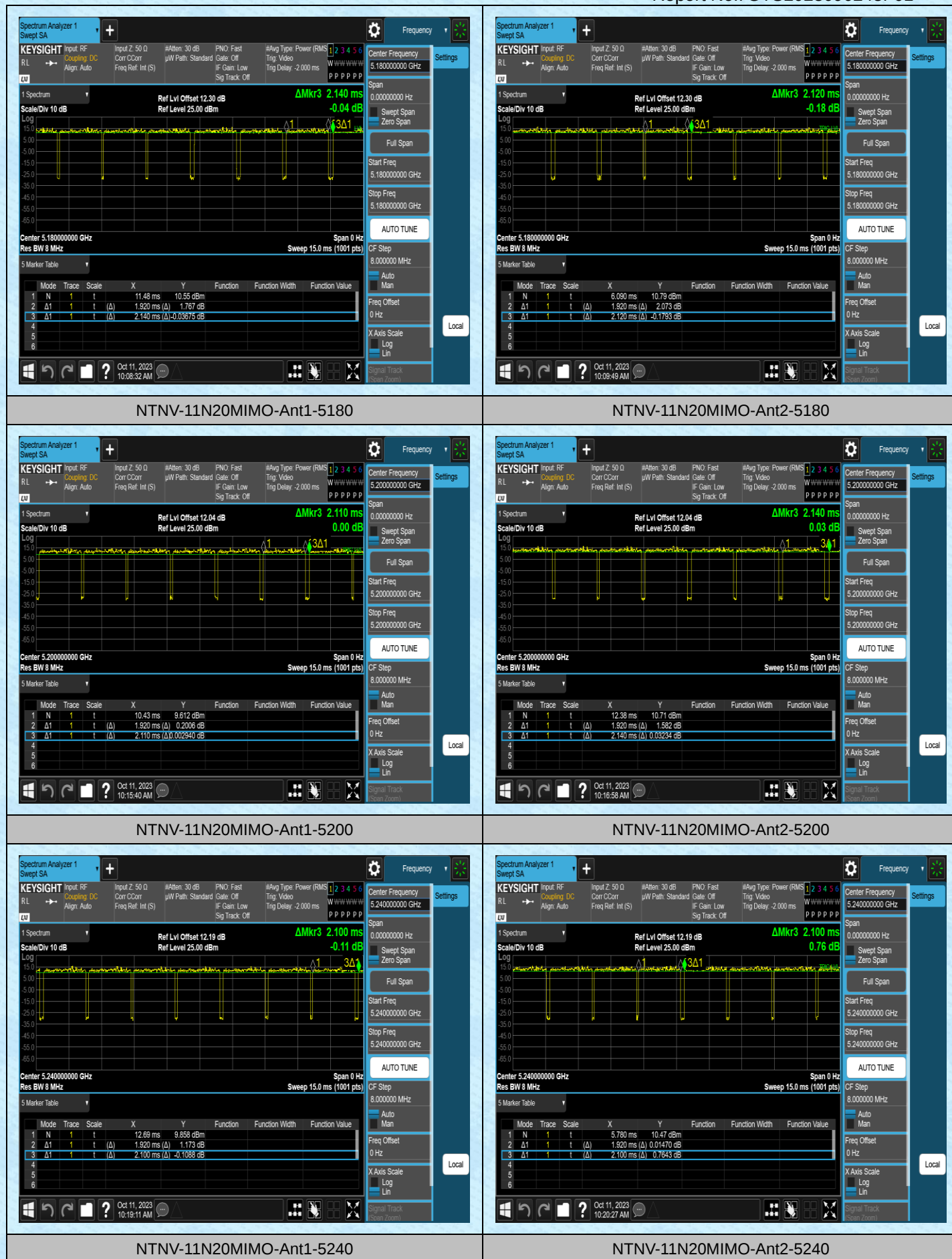


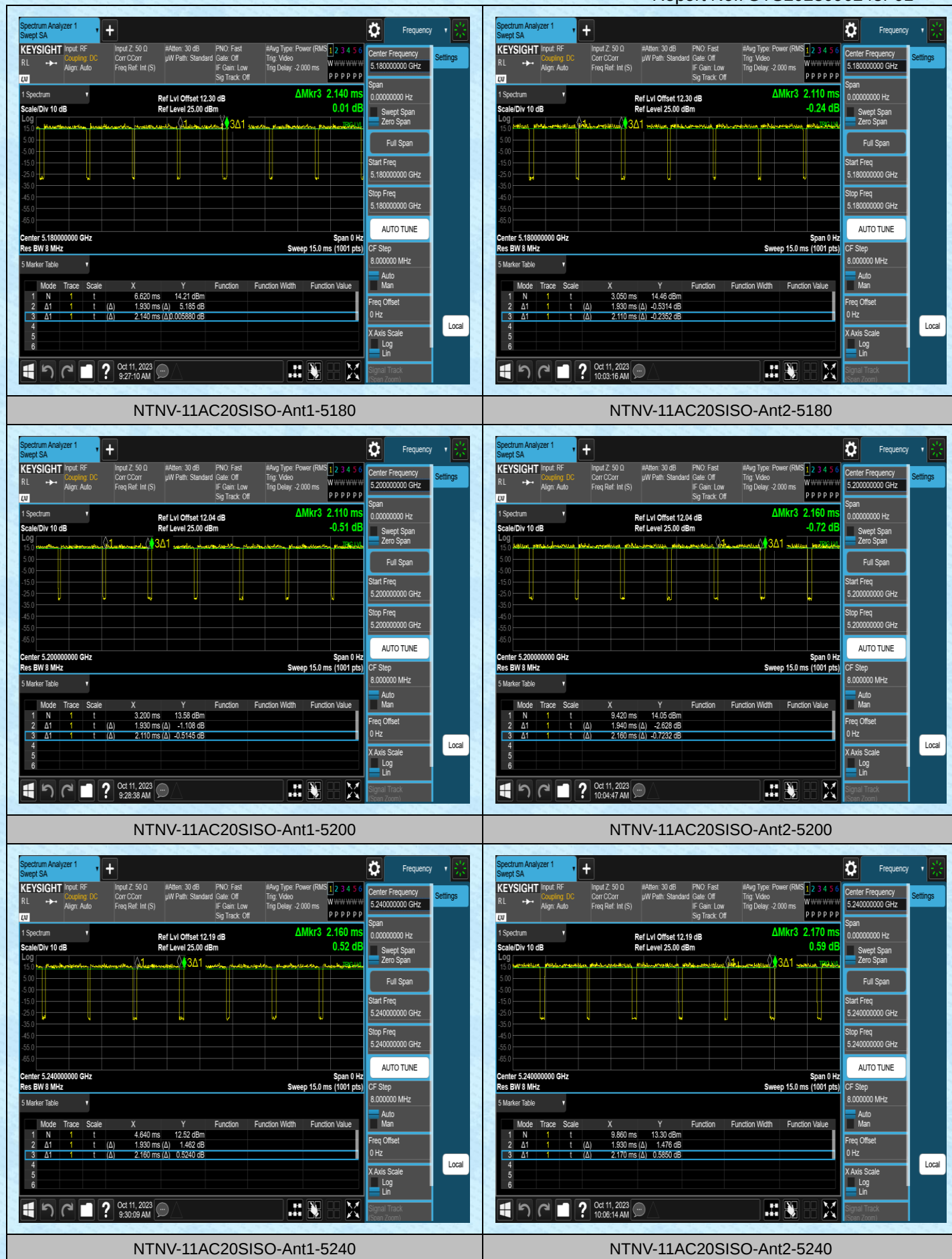
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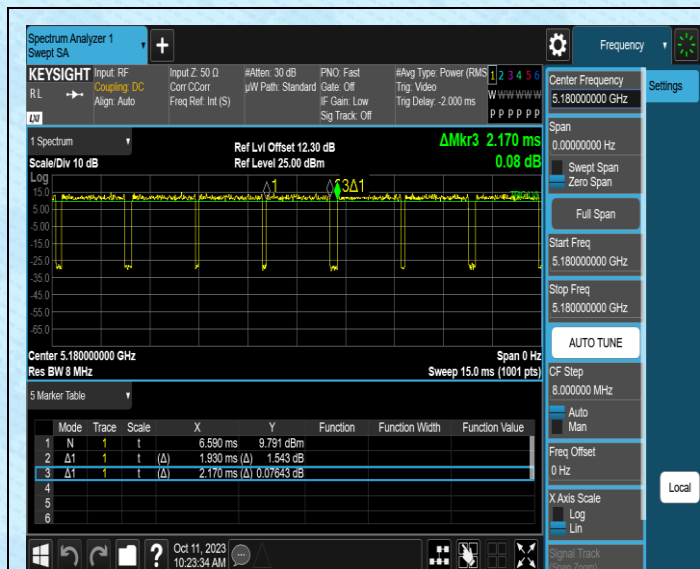


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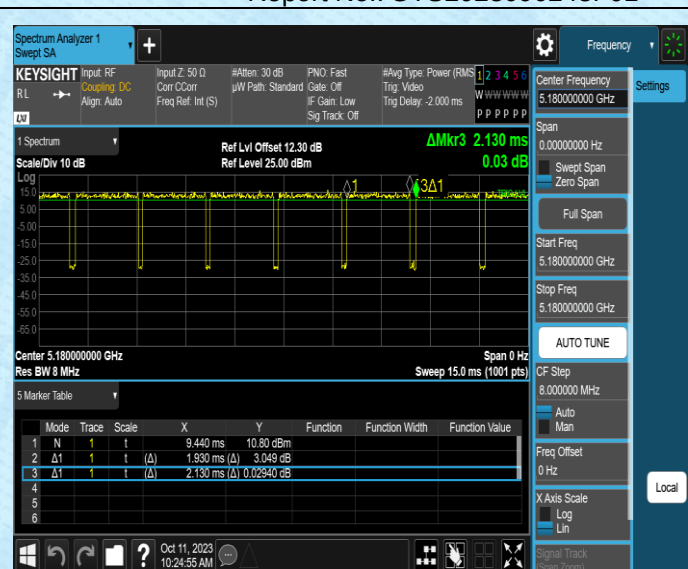




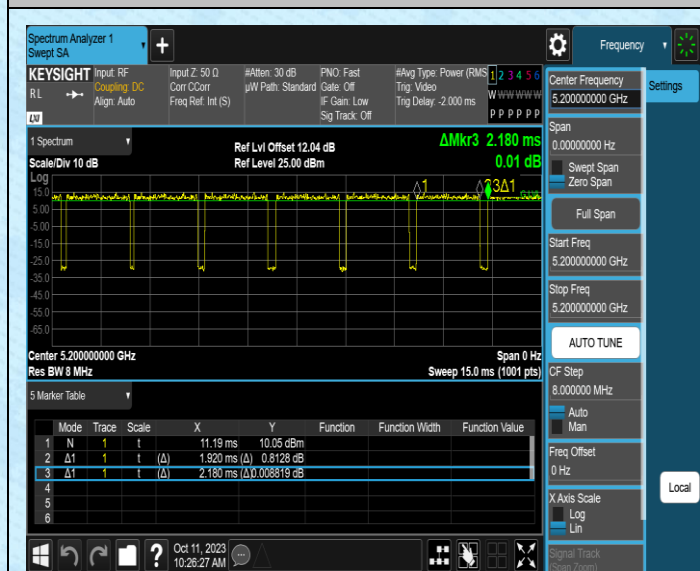




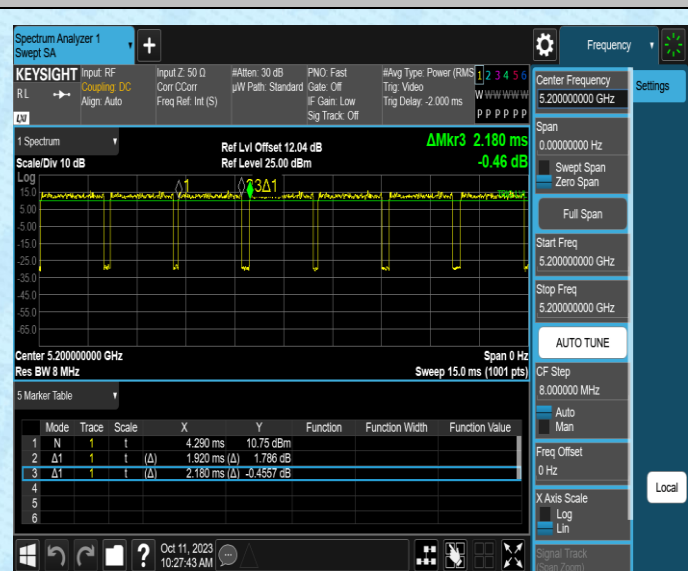
NTNV-11AC20MIMO-Ant1-5180



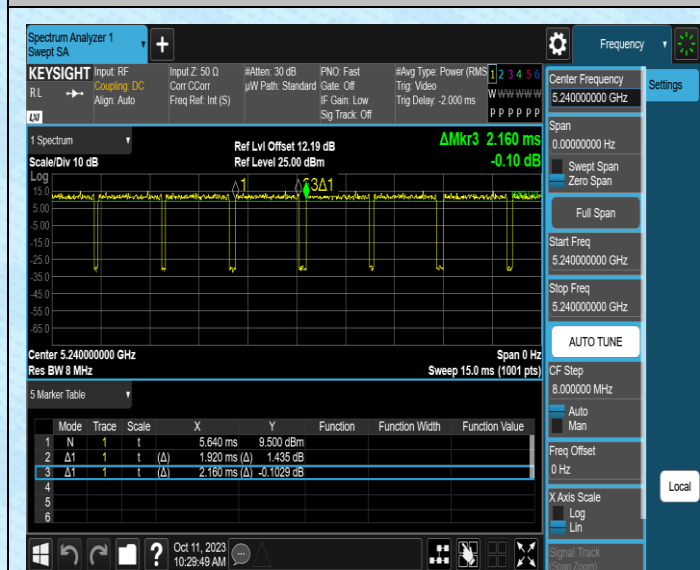
NTNV-11AC20MIMO-Ant2-5180



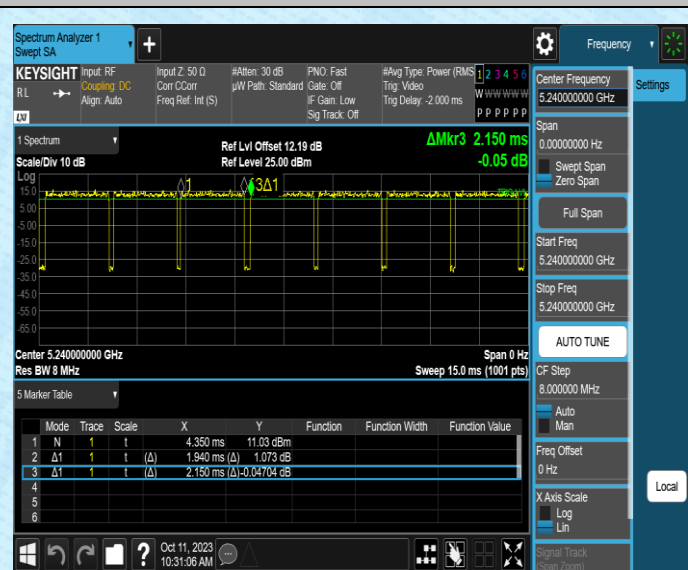
NTNV-11AC20MIMO-Ant1-5200



NTNV-11AC20MIMO-Ant2-5200



NTNV-11AC20MIMO-Ant1-5240



NTNV-11AC20MIMO-Ant2-5240