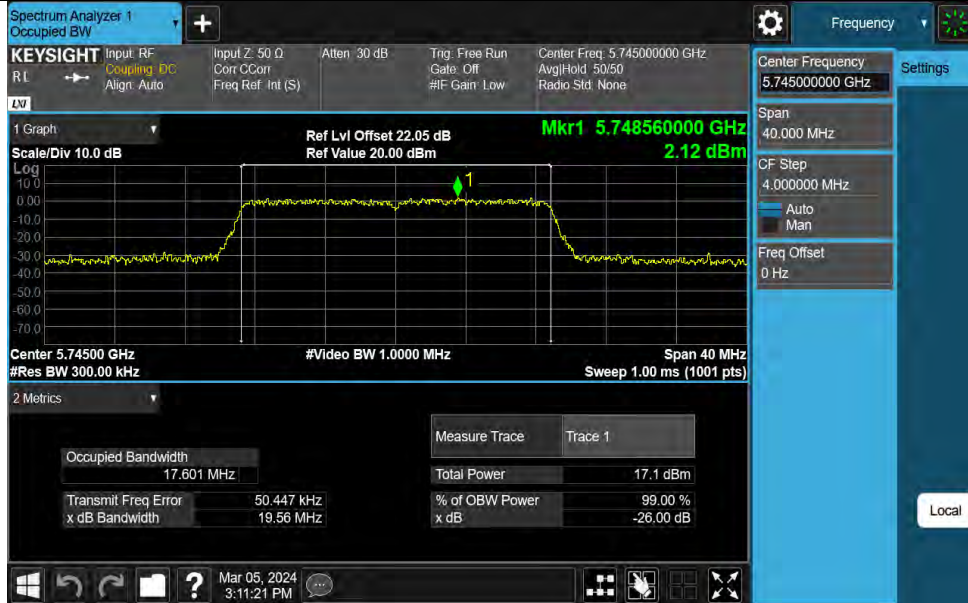
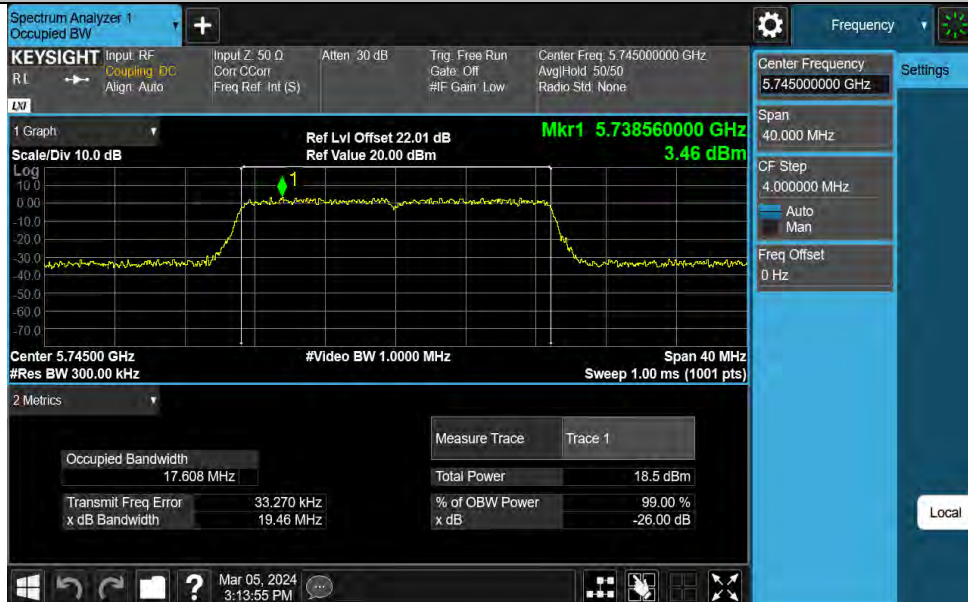


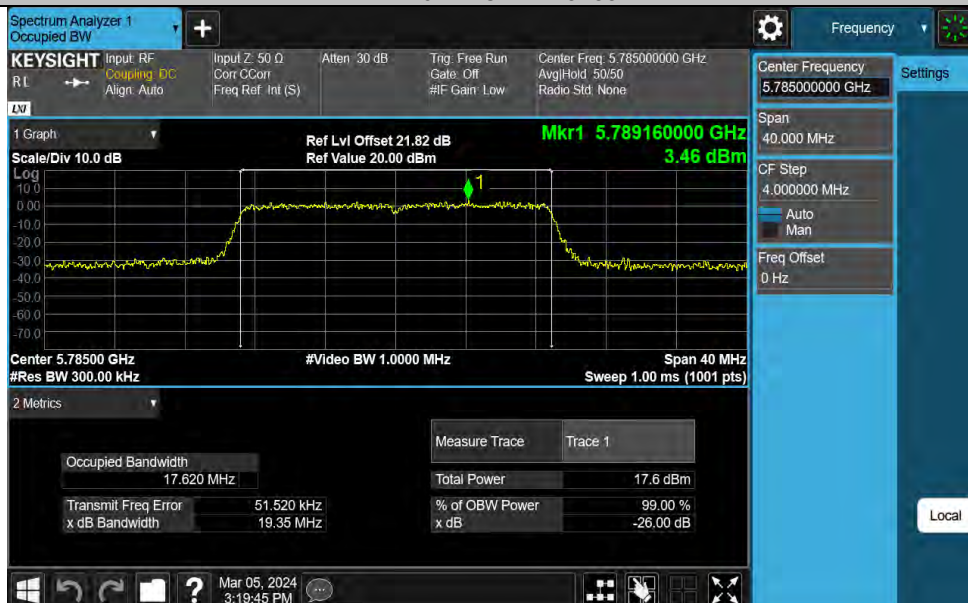
## 11N20MIMO-Ant1-5745



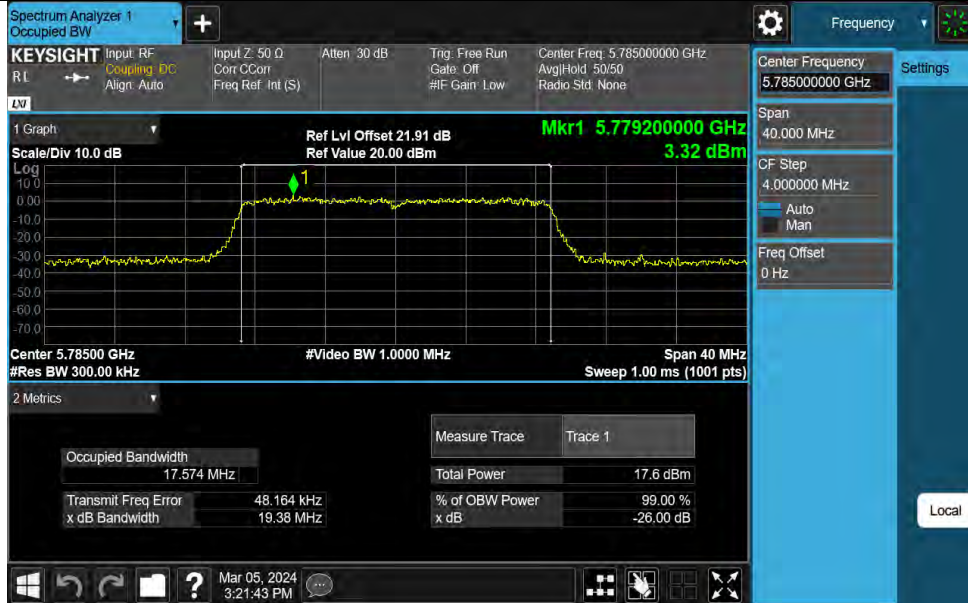
## 11N20MIMO-Ant2-5745



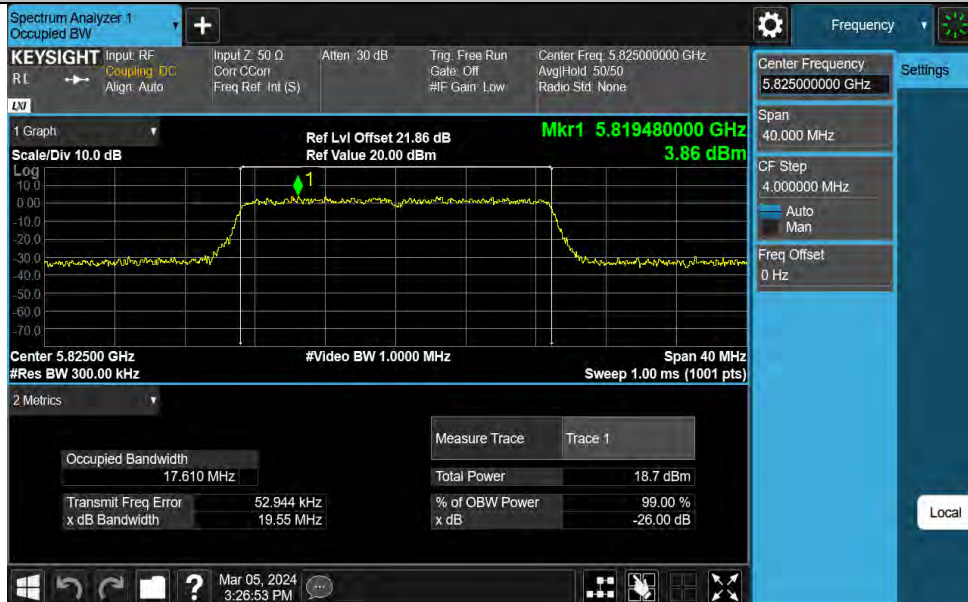
## 11N20MIMO-Ant1-5785



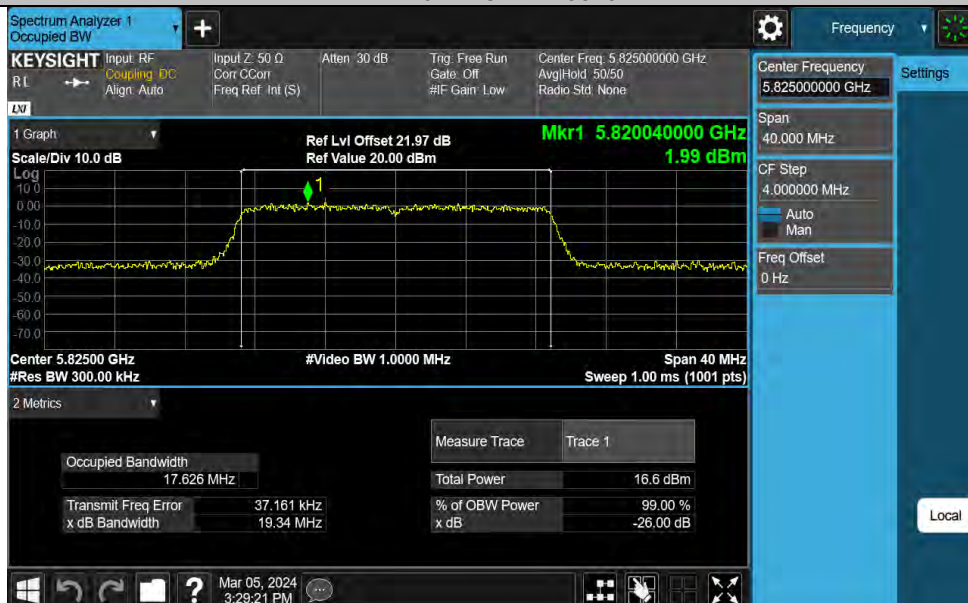
## 11N20MIMO-Ant2-5785



## 11N20MIMO-Ant1-5825



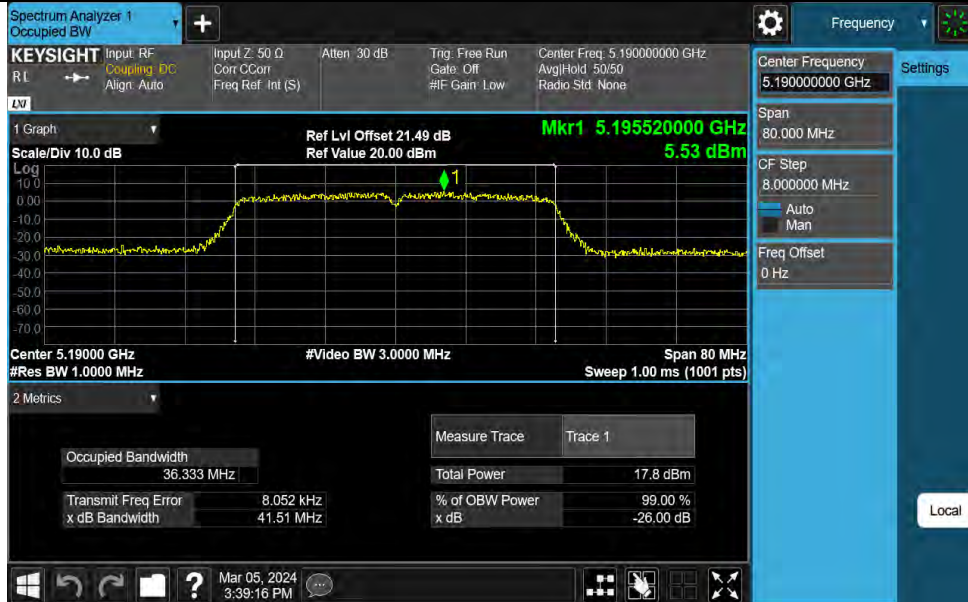
## 11N20MIMO-Ant2-5825



## 11N40MIMO-Ant1-5190



## 11N40MIMO-Ant2-5190



## 11N40MIMO-Ant1-5230



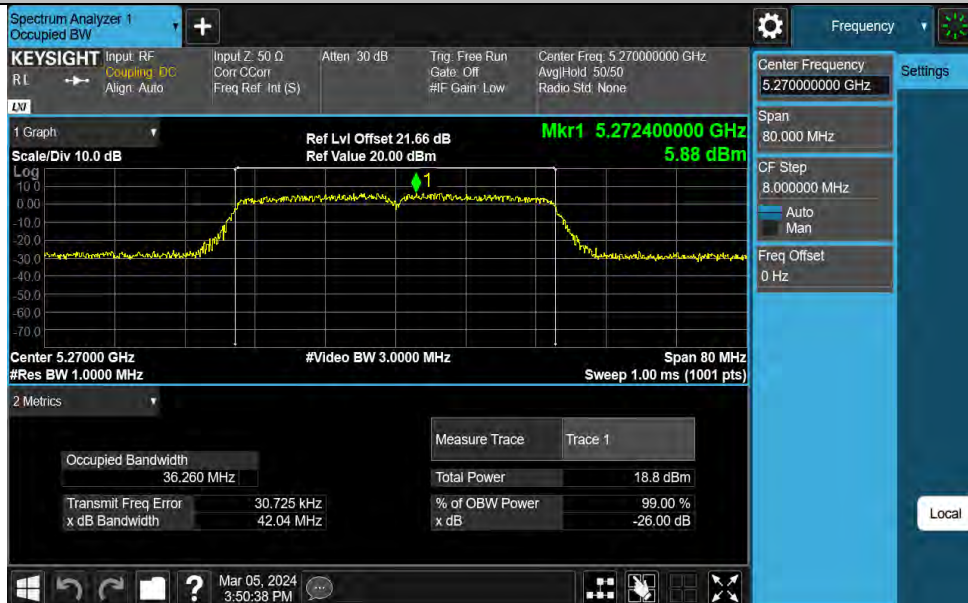
## 11N40MIMO-Ant2-5230



## 11N40MIMO-Ant1-5270



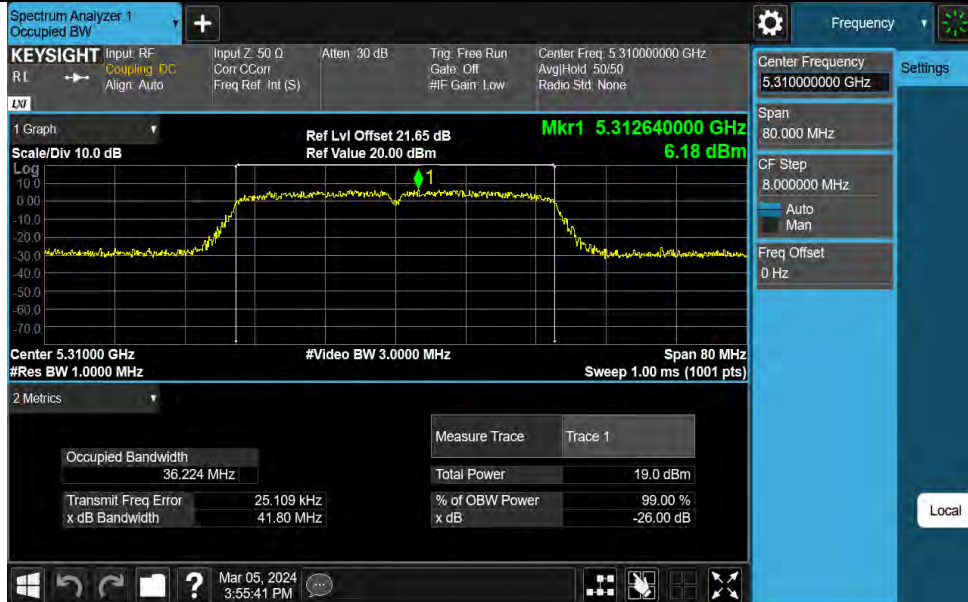
## 11N40MIMO-Ant2-5270



### 11N40MIMO-Ant1-5310



### 11N40MIMO-Ant2-5310



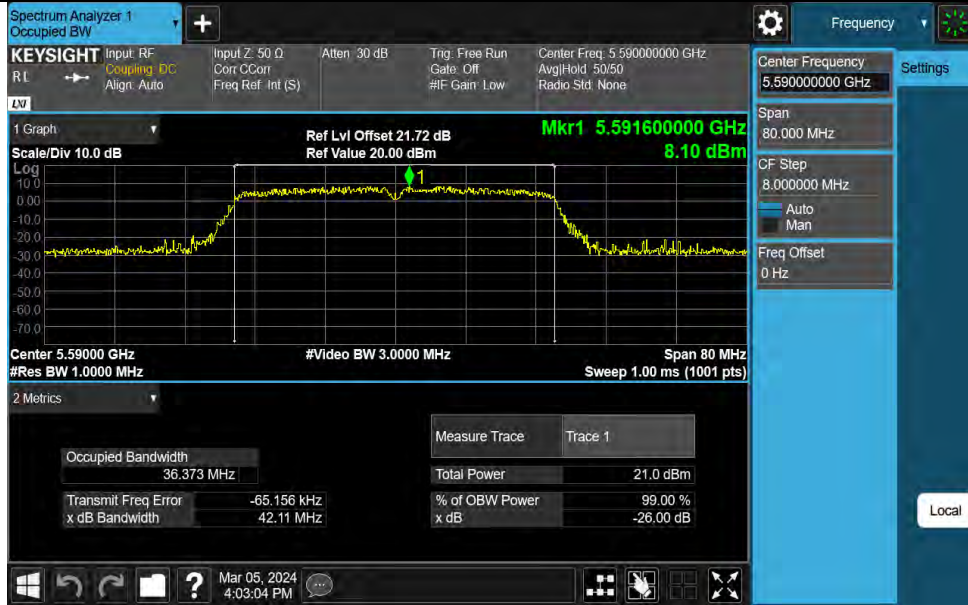
### 11N40MIMO-Ant1-5510



### 11N40MIMO-Ant2-5510



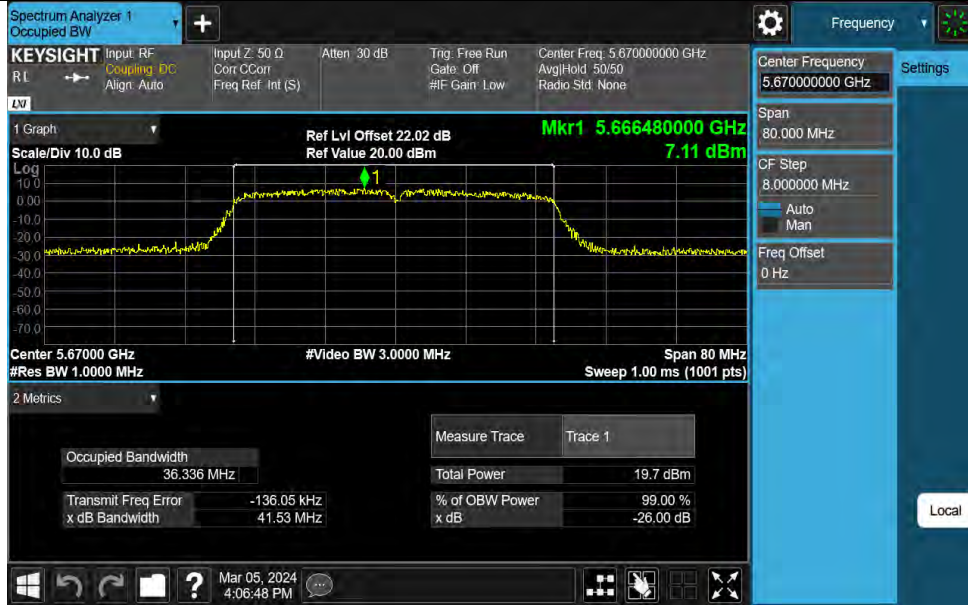
### 11N40MIMO-Ant1-5590



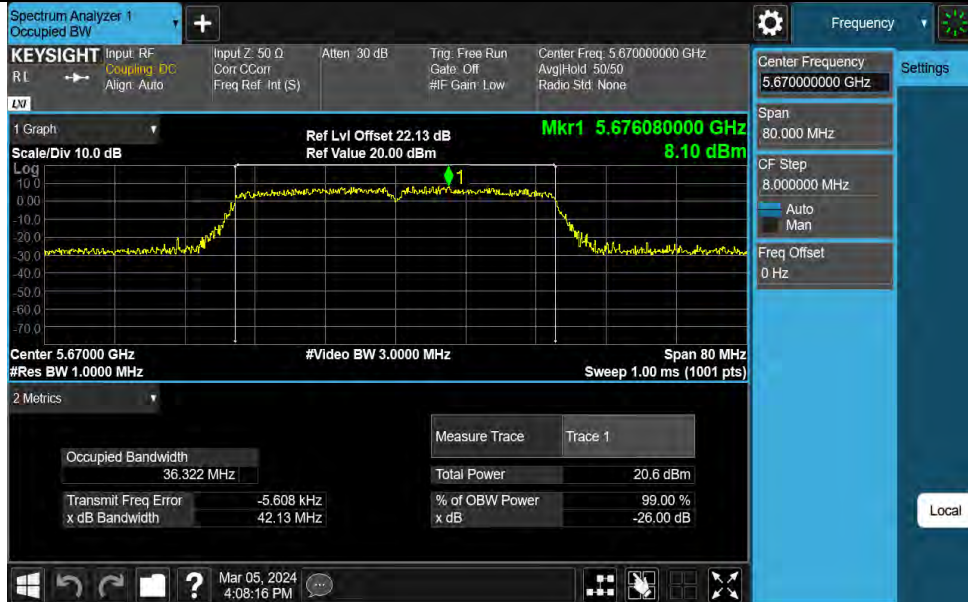
### 11N40MIMO-Ant2-5590



## 11N40MIMO-Ant1-5670



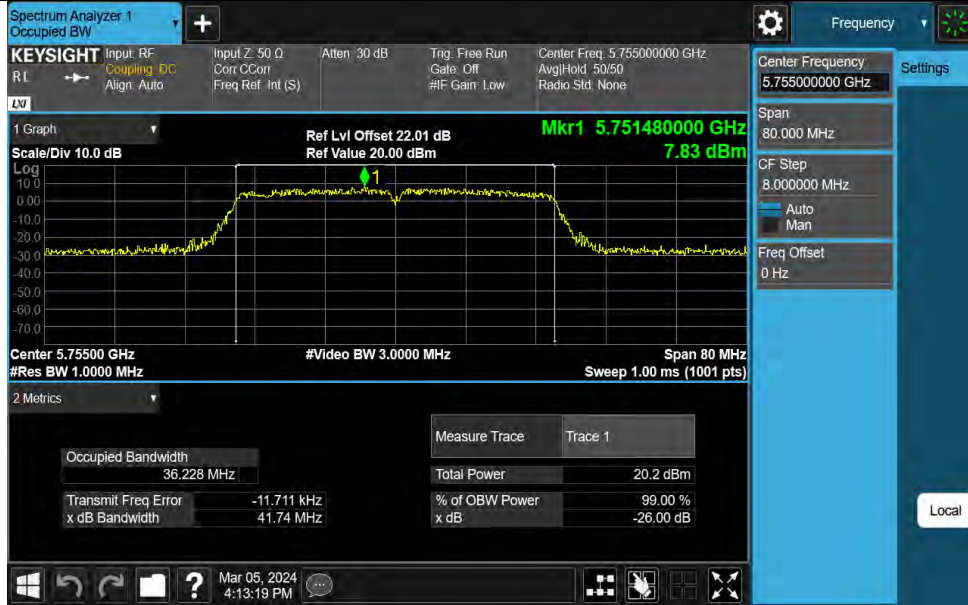
## 11N40MIMO-Ant2-5670



## 11N40MIMO-Ant1-5755



### 11N40MIMO-Ant2-5755



### 11N40MIMO-Ant1-5795

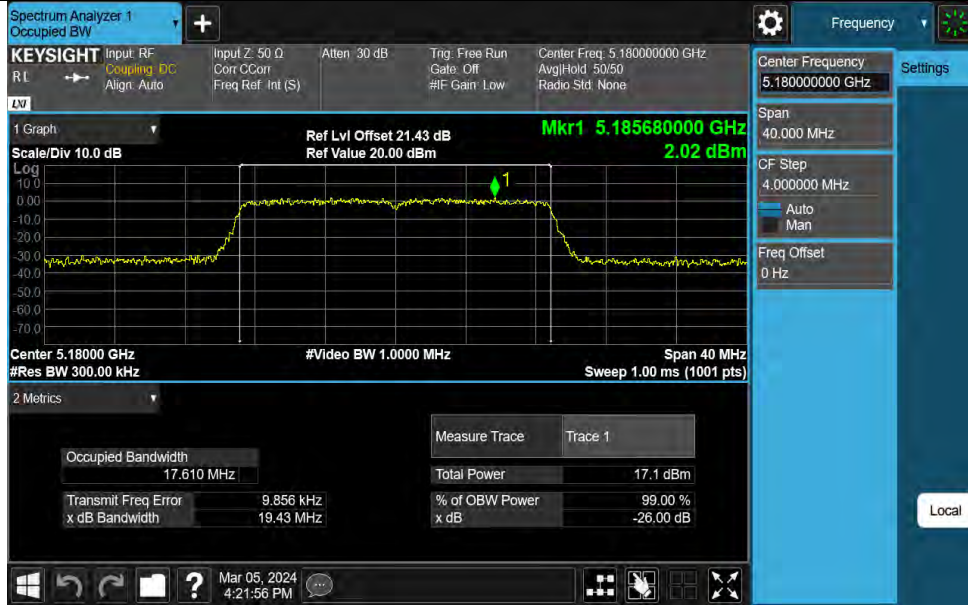


### 11N40MIMO-Ant2-5795

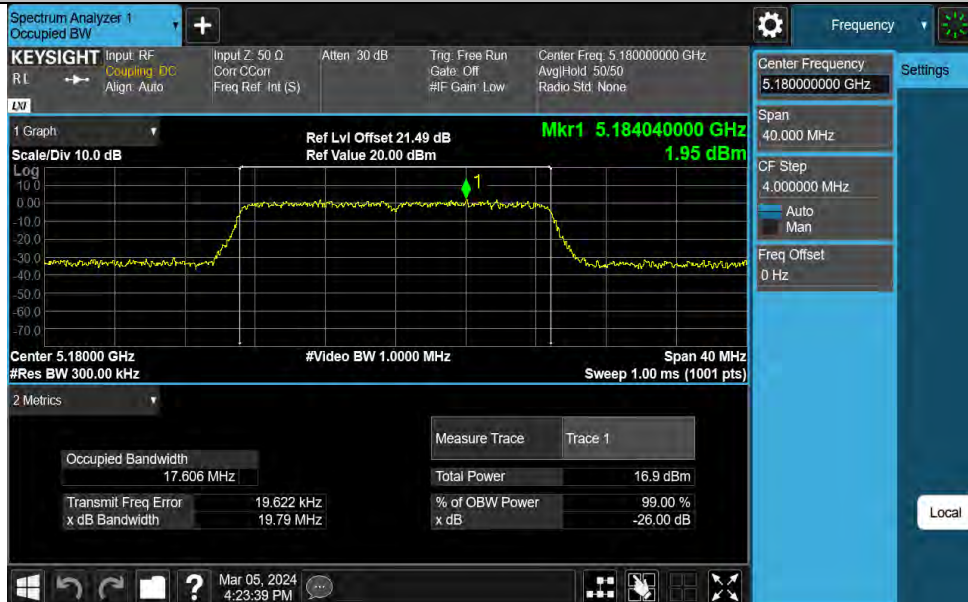




## 11AC20MIMO-Ant1-5180



## 11AC20MIMO-Ant2-5180



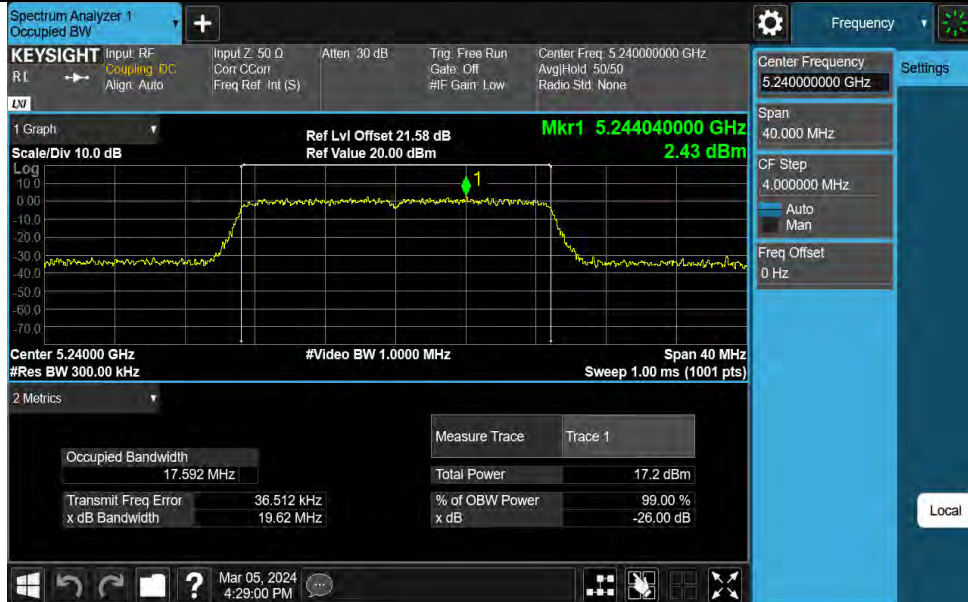
## 11AC20MIMO-Ant1-5200



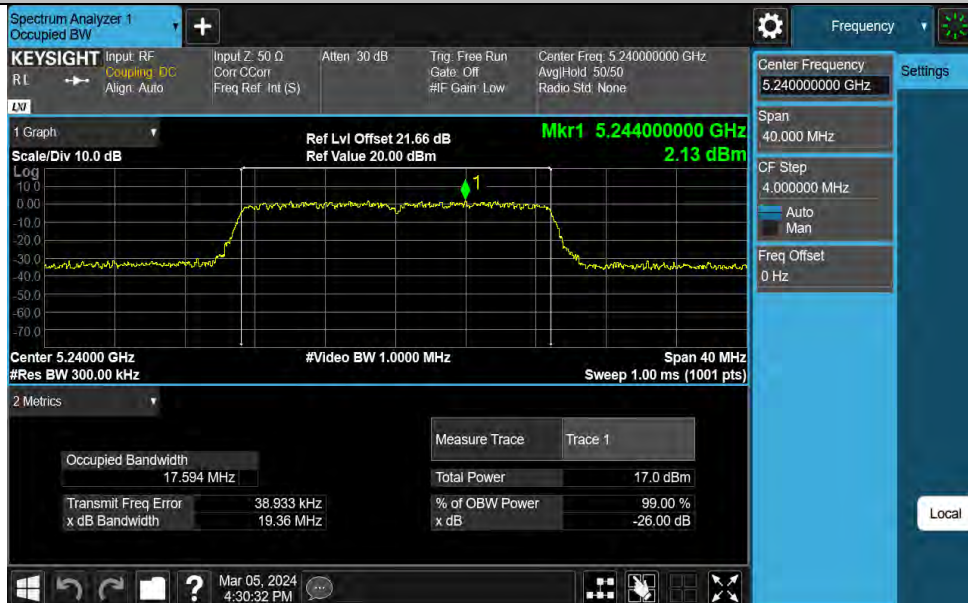
### 11AC20MIMO-Ant2-5200



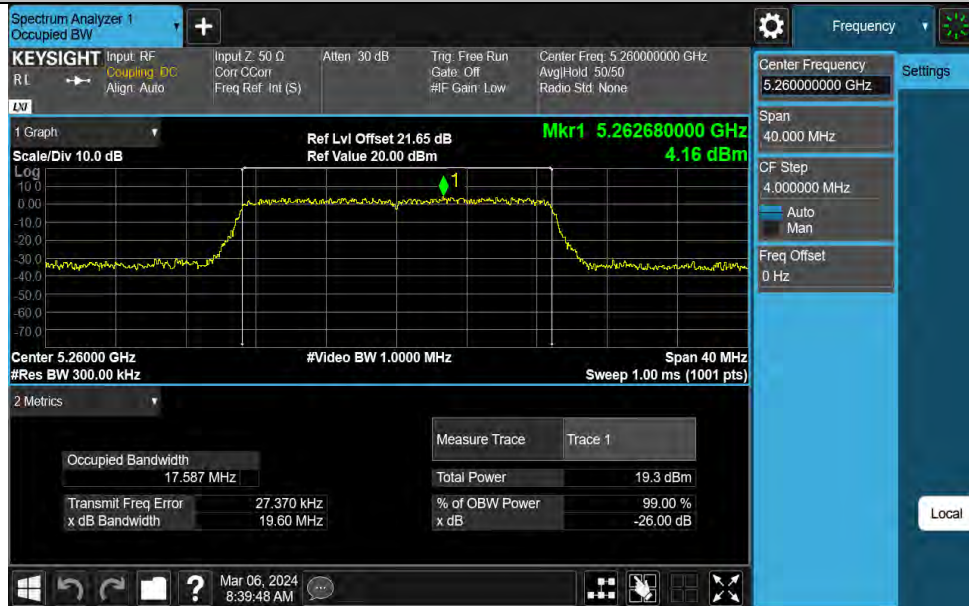
### 11AC20MIMO-Ant1-5240



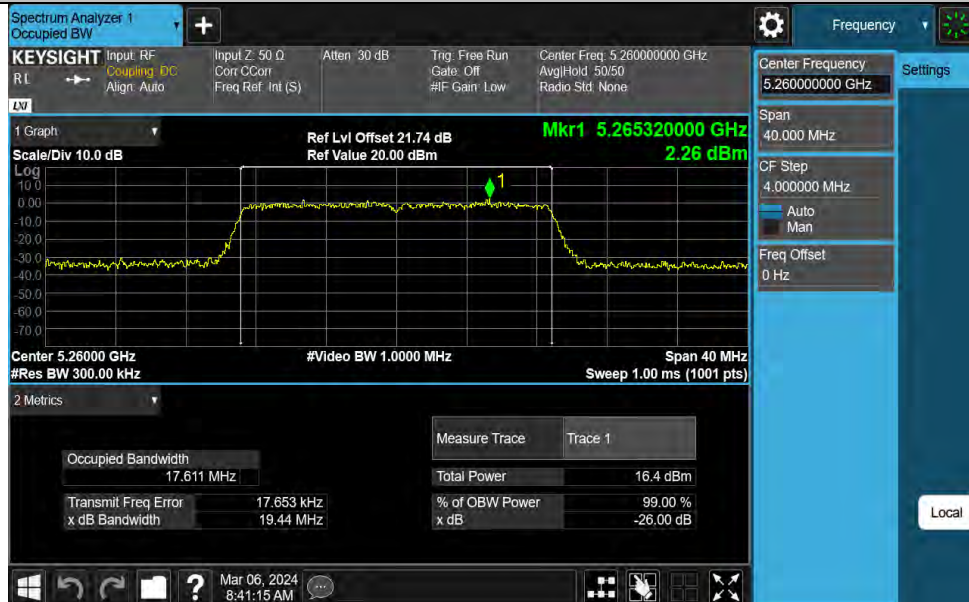
### 11AC20MIMO-Ant2-5240



## 11AC20MIMO-Ant1-5260



## 11AC20MIMO-Ant2-5260



## 11AC20MIMO-Ant1-5300



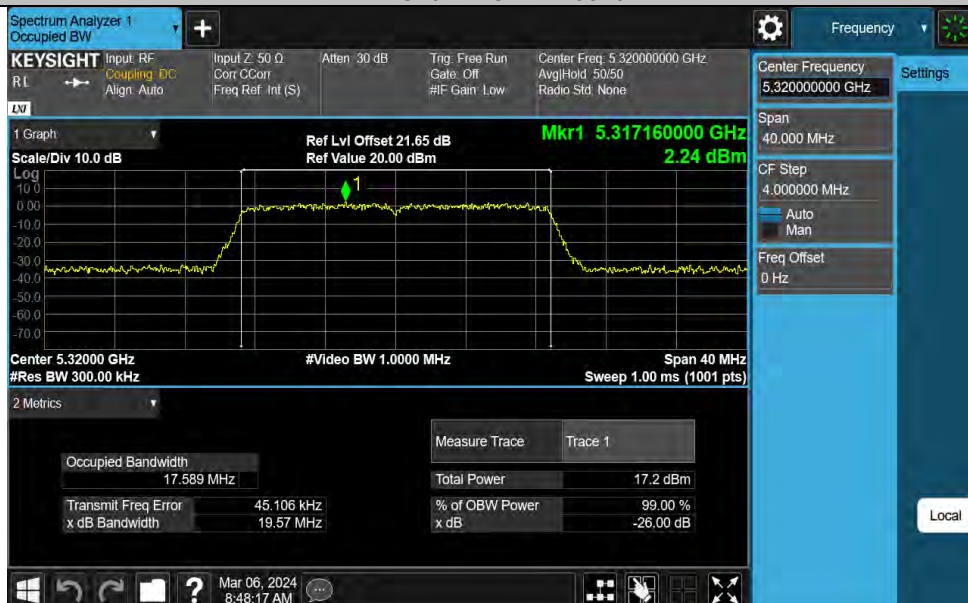
## 11AC20MIMO-Ant2-5300



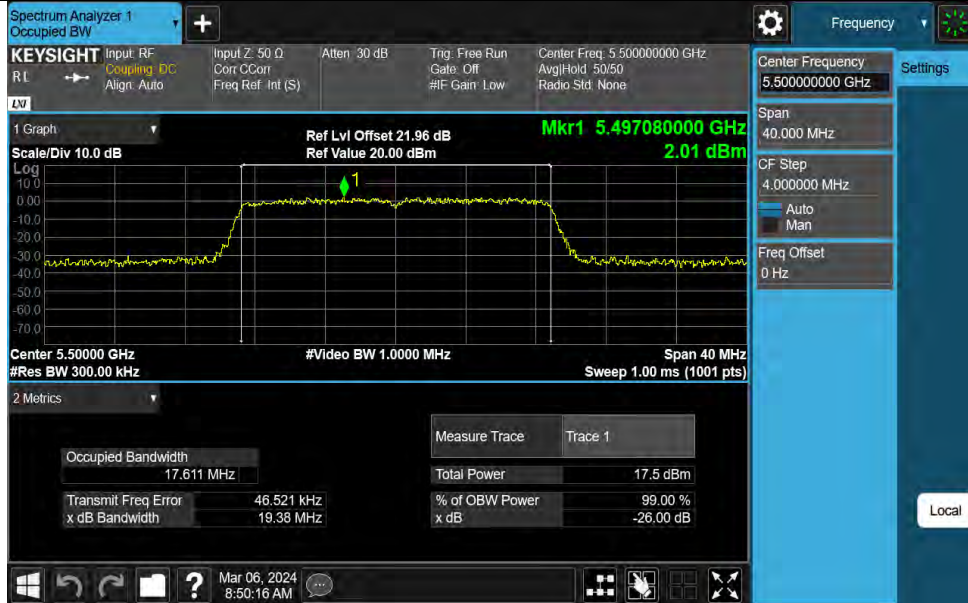
## 11AC20MIMO-Ant1-5320



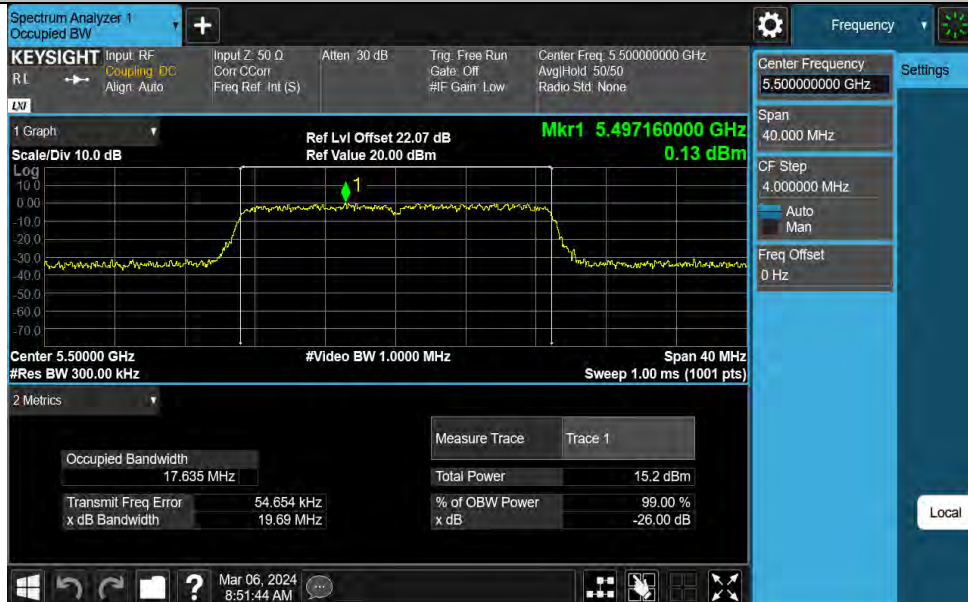
## 11AC20MIMO-Ant2-5320



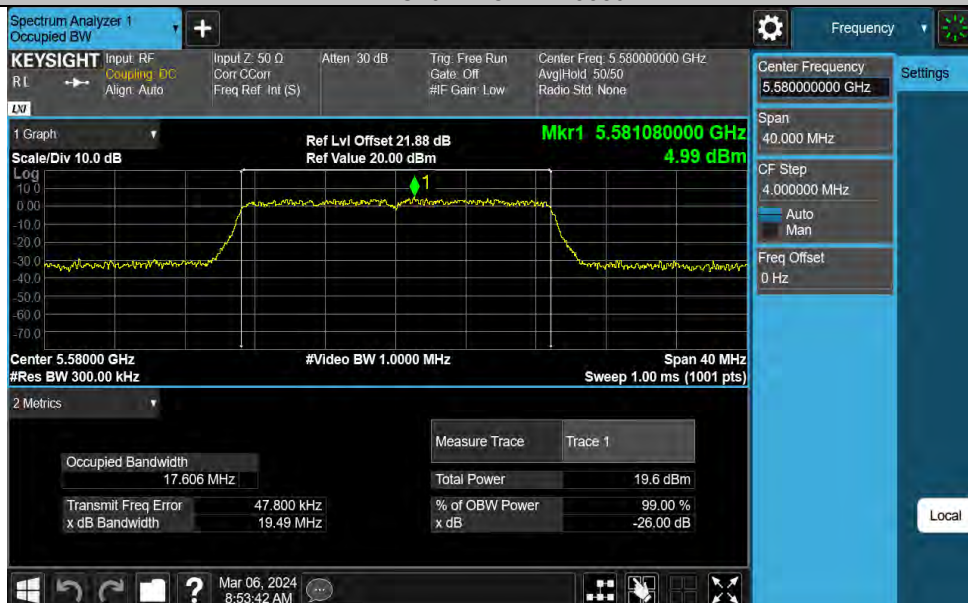
## 11AC20MIMO-Ant1-5500



## 11AC20MIMO-Ant2-5500



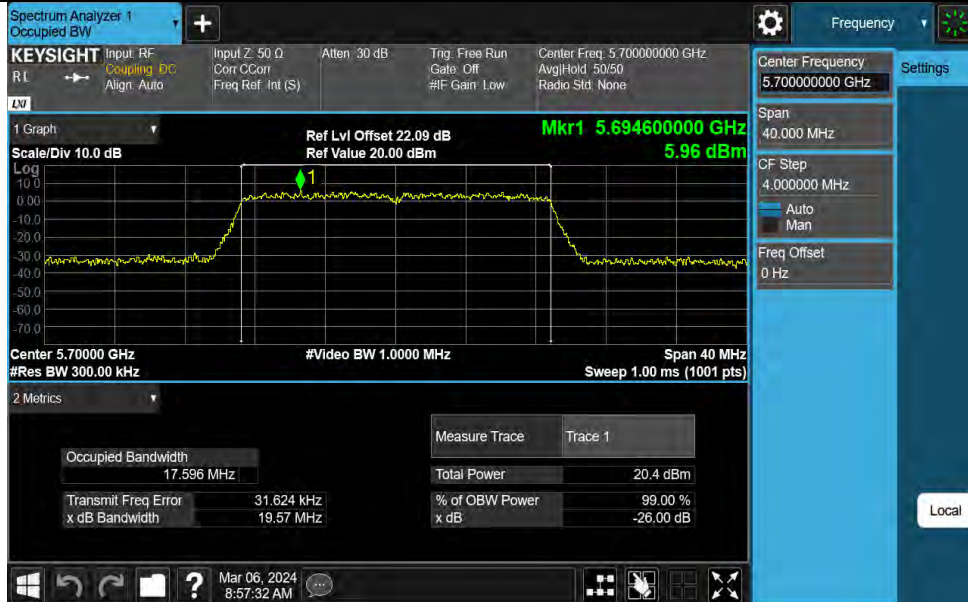
## 11AC20MIMO-Ant1-5580



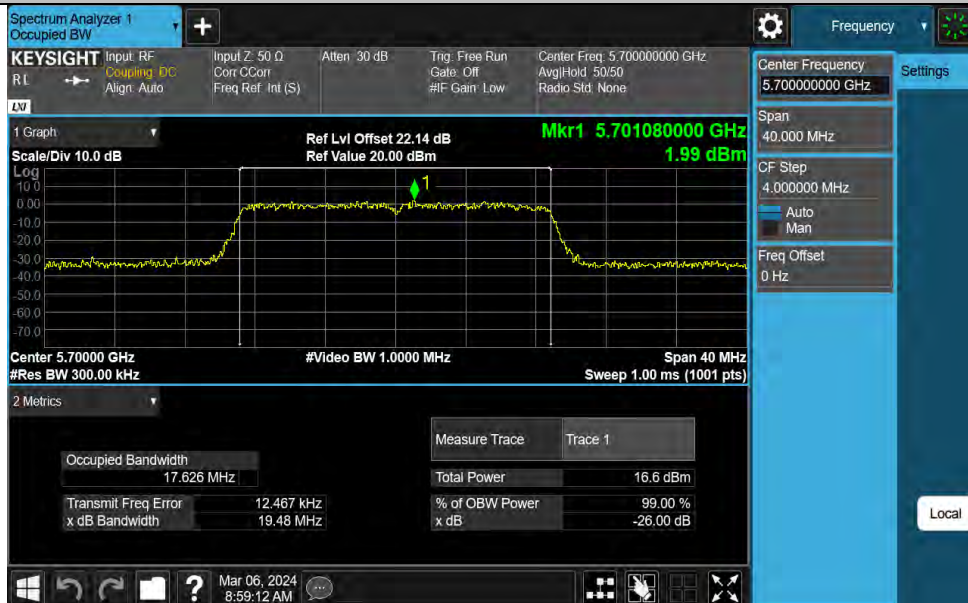
### 11AC20MIMO-Ant2-5580



### 11AC20MIMO-Ant1-5700



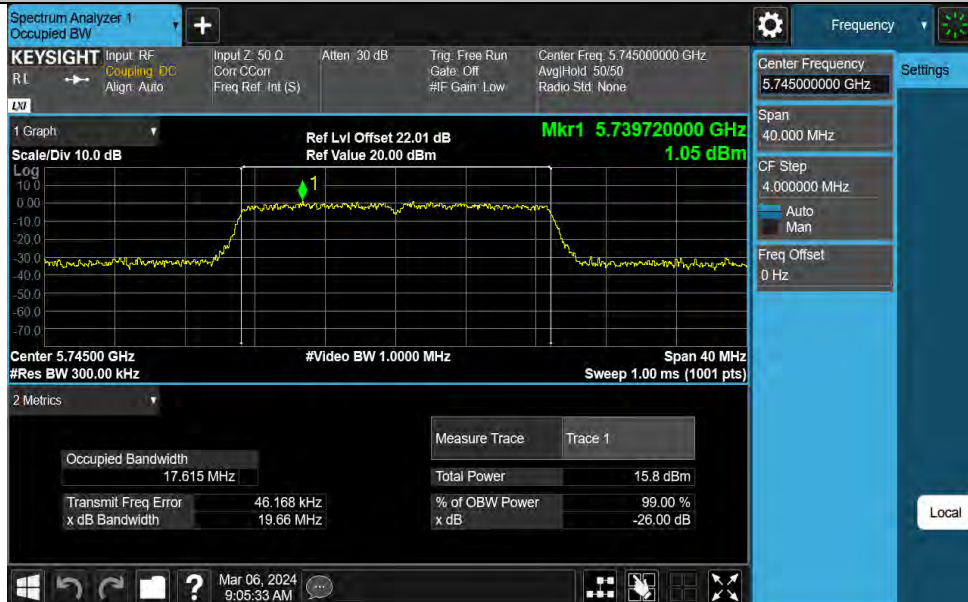
### 11AC20MIMO-Ant2-5700



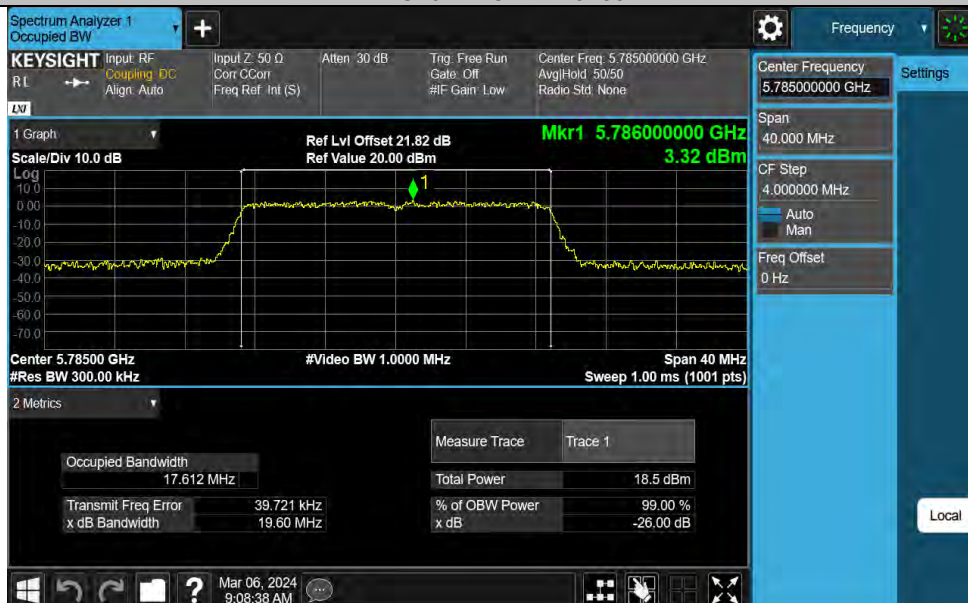
## 11AC20MIMO-Ant1-5745



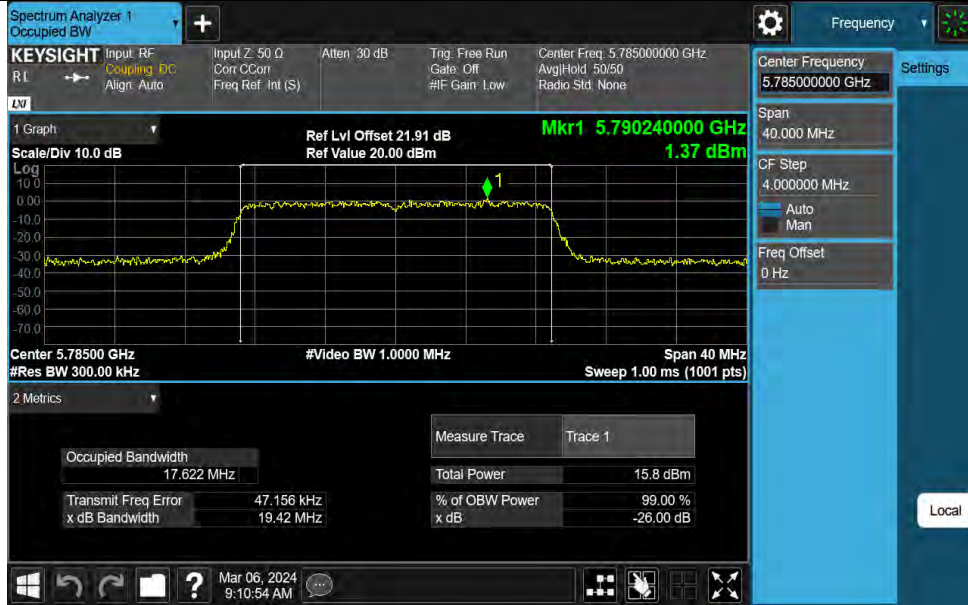
## 11AC20MIMO-Ant2-5745



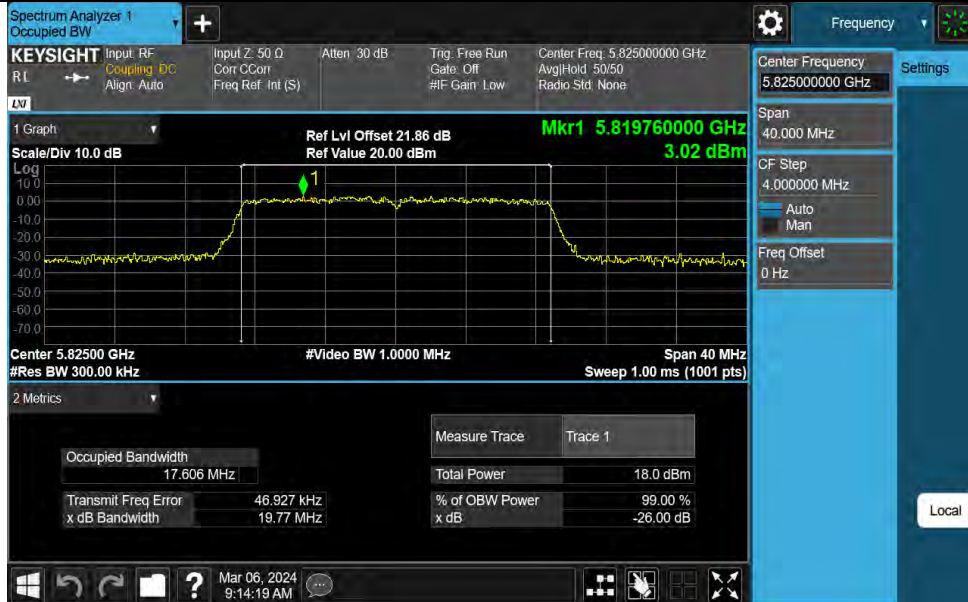
## 11AC20MIMO-Ant1-5785



## 11AC20MIMO-Ant2-5785



## 11AC20MIMO-Ant1-5825



## 11AC20MIMO-Ant2-5825





## 11AC40MIMO-Ant1-5190



## 11AC40MIMO-Ant2-5190



## 11AC40MIMO-Ant1-5230



## 11AC40MIMO-Ant2-5230



## 11AC40MIMO-Ant1-5270



## 11AC40MIMO-Ant2-5270



### 11AC40MIMO-Ant1-5310



### 11AC40MIMO-Ant2-5310



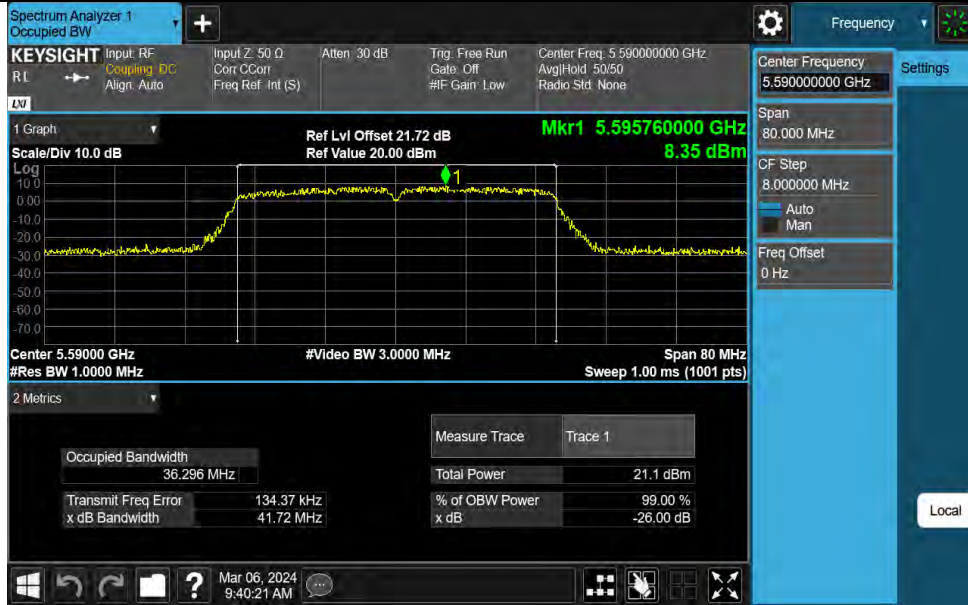
### 11AC40MIMO-Ant1-5510



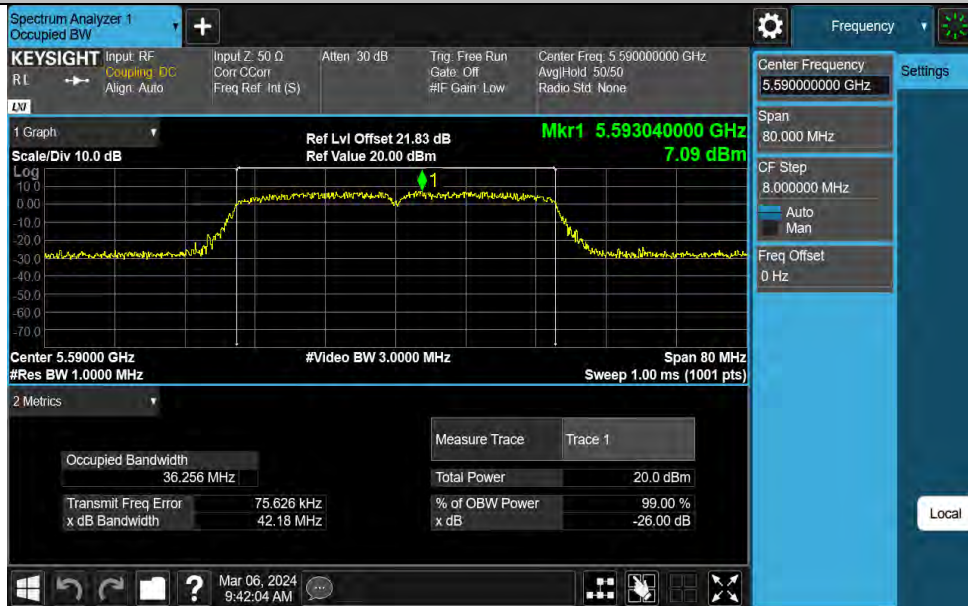
### 11AC40MIMO-Ant2-5510



### 11AC40MIMO-Ant1-5590



### 11AC40MIMO-Ant2-5590



## 11AC40MIMO-Ant1-5670



## 11AC40MIMO-Ant2-5670



## 11AC40MIMO-Ant1-5755



### 11AC40MIMO-Ant2-5755



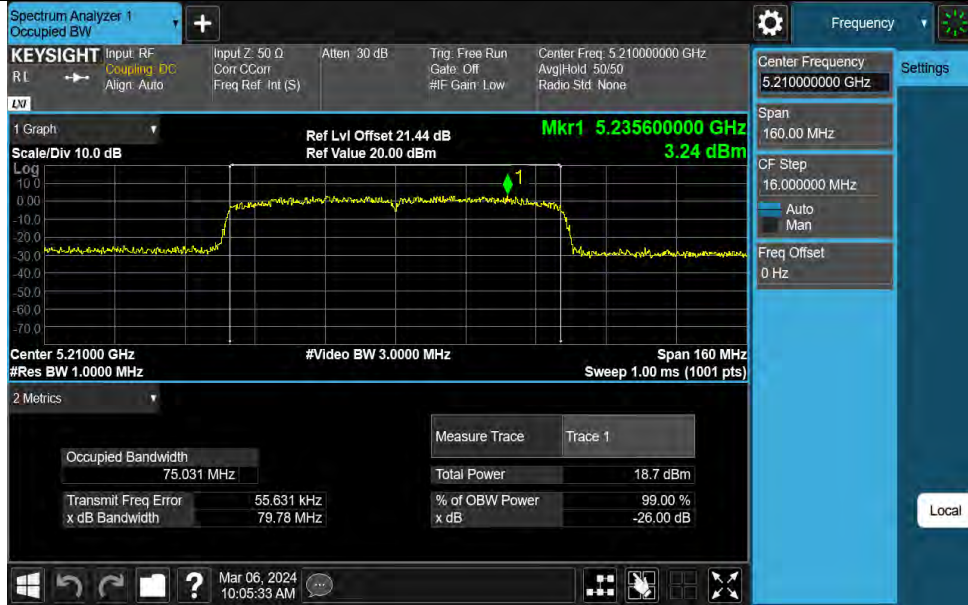
### 11AC40MIMO-Ant1-5795



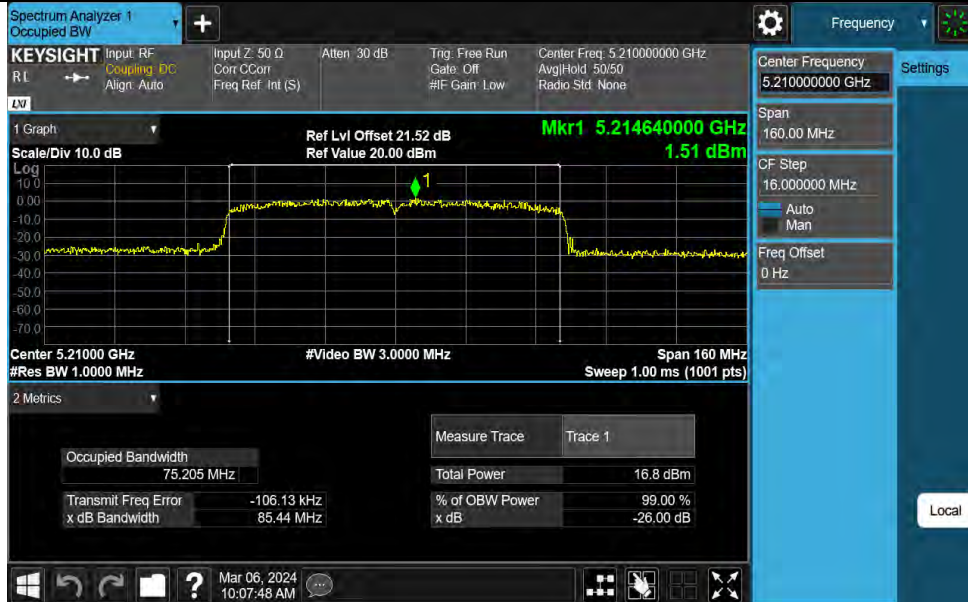
### 11AC40MIMO-Ant2-5795



### 11AC80MIMO-Ant1-5210



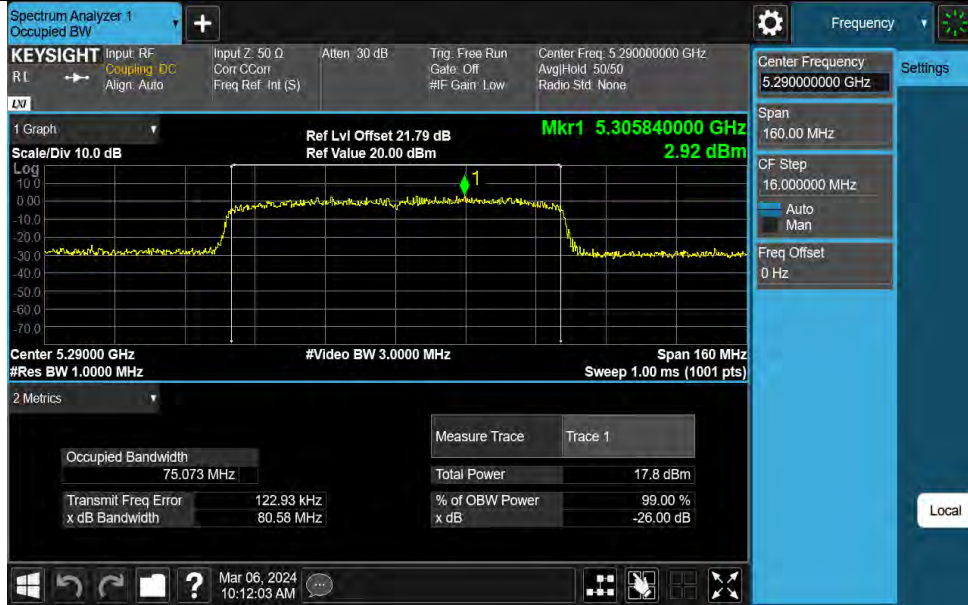
### 11AC80MIMO-Ant2-5210



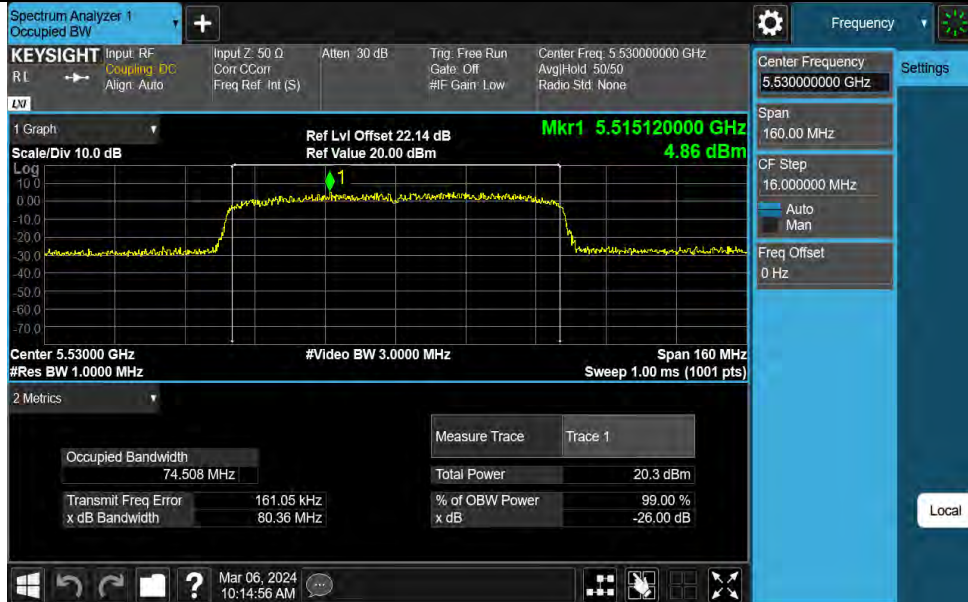
### 11AC80MIMO-Ant1-5290



### 11AC80MIMO-Ant2-5290



### 11AC80MIMO-Ant1-5530

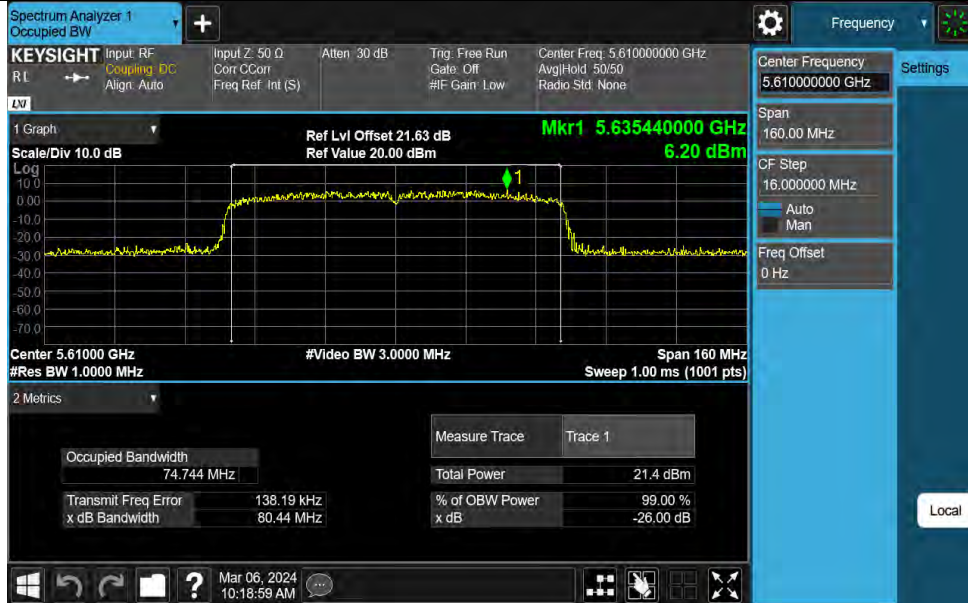


### 11AC80MIMO-Ant2-5530





## 11AC80MIMO-Ant1-5610



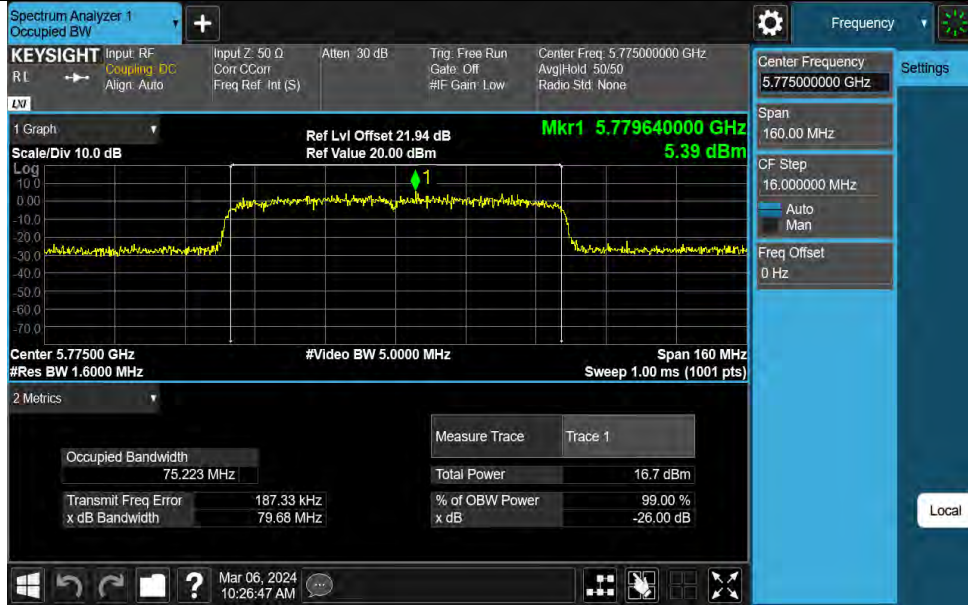
## 11AC80MIMO-Ant2-5610



## 11AC80MIMO-Ant1-5775



### 11AC80MIMO-Ant2-5775



Appendix A3: Min emission bandwidth

Test Result B4

Test Mode	Antenna	Frequency[MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.280	5736.880	5753.160	0.5	PASS
11A	Ant2	5745	16.320	5736.840	5753.160	0.5	PASS
11A	Ant1	5785	16.320	5776.840	5793.160	0.5	PASS
11A	Ant2	5785	16.320	5776.840	5793.160	0.5	PASS
11A	Ant1	5825	16.280	5816.880	5833.160	0.5	PASS
11A	Ant2	5825	16.320	5816.840	5833.160	0.5	PASS
11N20MIMO	Ant1	5745	17.560	5736.240	5753.800	0.5	PASS
11N20MIMO	Ant2	5745	17.520	5736.280	5753.800	0.5	PASS
11N20MIMO	Ant1	5785	17.320	5776.480	5793.800	0.5	PASS
11N20MIMO	Ant2	5785	17.280	5776.280	5793.560	0.5	PASS
11N20MIMO	Ant1	5825	17.520	5816.280	5833.800	0.5	PASS
11N20MIMO	Ant2	5825	17.600	5816.240	5833.840	0.5	PASS
11N40MIMO	Ant1	5755	35.040	5737.480	5772.520	0.5	PASS
11N40MIMO	Ant2	5755	34.960	5737.640	5772.600	0.5	PASS
11N40MIMO	Ant1	5795	35.120	5777.480	5812.600	0.5	PASS
11N40MIMO	Ant2	5795	35.040	5777.480	5812.520	0.5	PASS
11AC20MIMO	Ant1	5745	17.560	5736.240	5753.800	0.5	PASS
11AC20MIMO	Ant2	5745	17.000	5736.560	5753.560	0.5	PASS
11AC20MIMO	Ant1	5785	17.520	5776.280	5793.800	0.5	PASS
11AC20MIMO	Ant2	5785	17.560	5776.280	5793.840	0.5	PASS
11AC20MIMO	Ant1	5825	17.560	5816.240	5833.800	0.5	PASS
11AC20MIMO	Ant2	5825	17.200	5816.600	5833.800	0.5	PASS
11AC40MIMO	Ant1	5755	35.040	5737.480	5772.520	0.5	PASS
11AC40MIMO	Ant2	5755	33.920	5738.680	5772.600	0.5	PASS
11AC40MIMO	Ant1	5795	35.120	5777.480	5812.600	0.5	PASS
11AC40MIMO	Ant2	5795	33.840	5778.680	5812.520	0.5	PASS
11AC80MIMO	Ant1	5775	73.920	5738.680	5812.600	0.5	PASS
11AC80MIMO	Ant2	5775	73.760	5737.560	5811.320	0.5	PASS

Test Graphs B4

11A-Ant1-5745-PASS



11A-Ant2-5745-PASS



11A-Ant1-5785-PASS



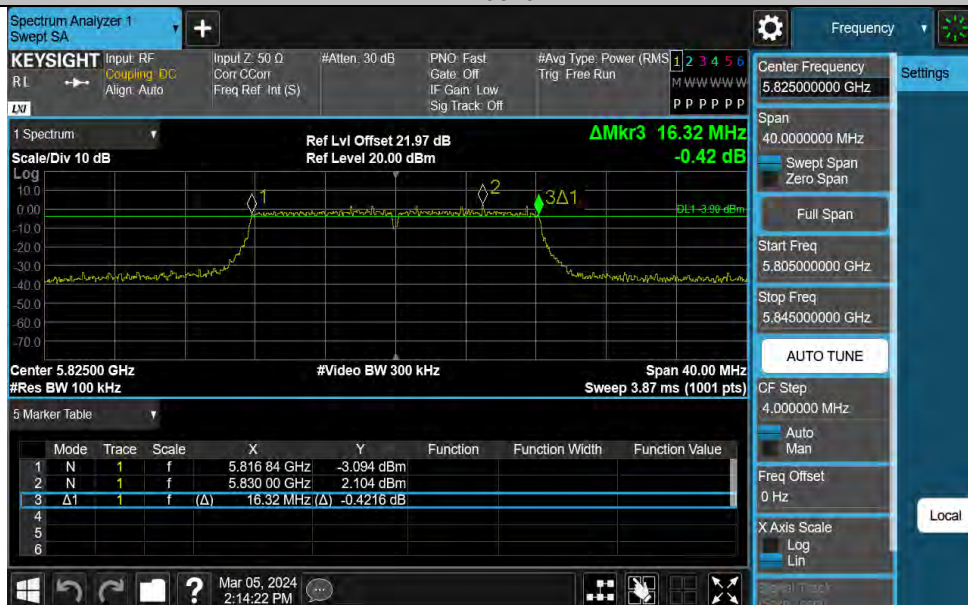
### 11A-Ant2-5785-PASS

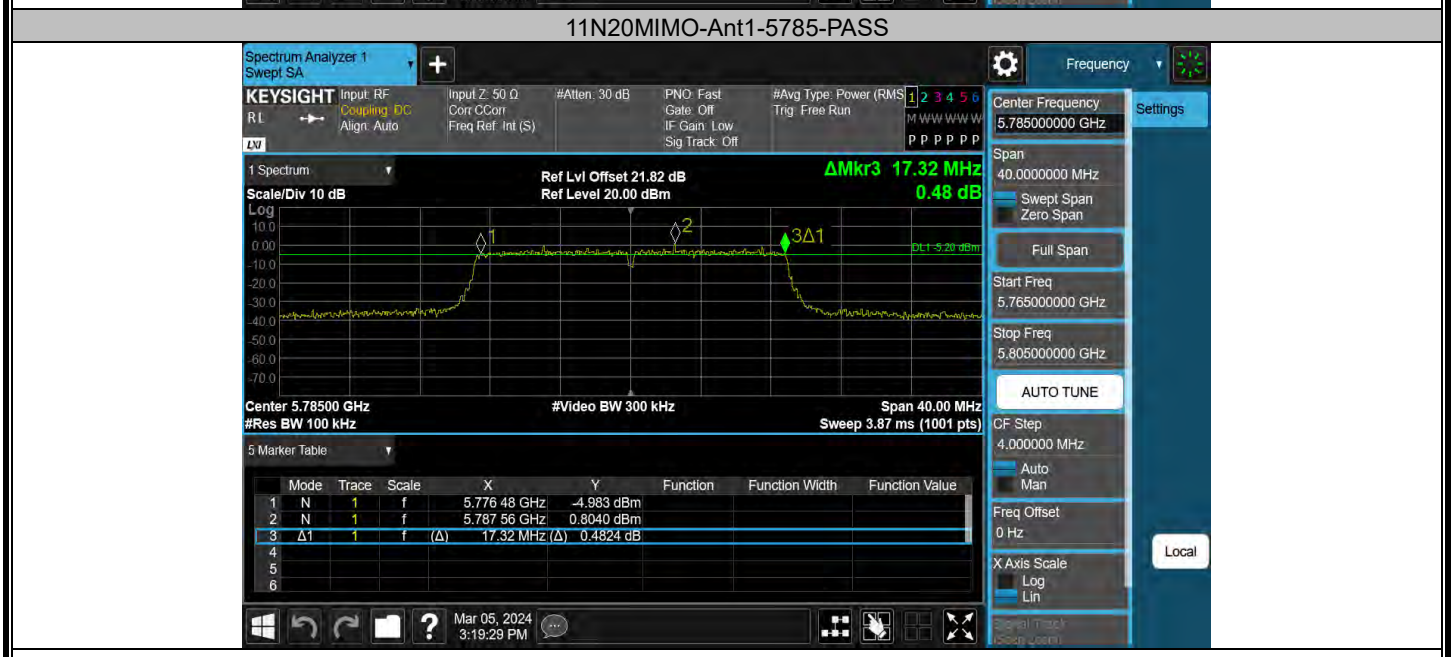
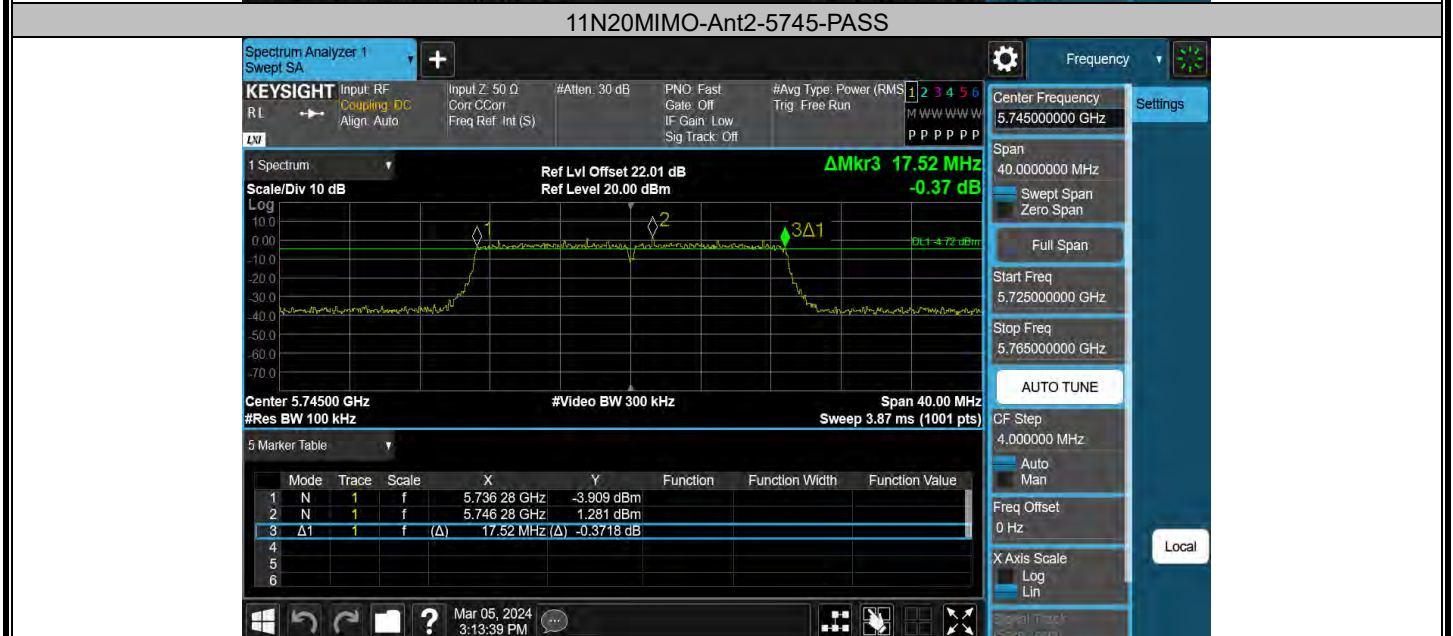
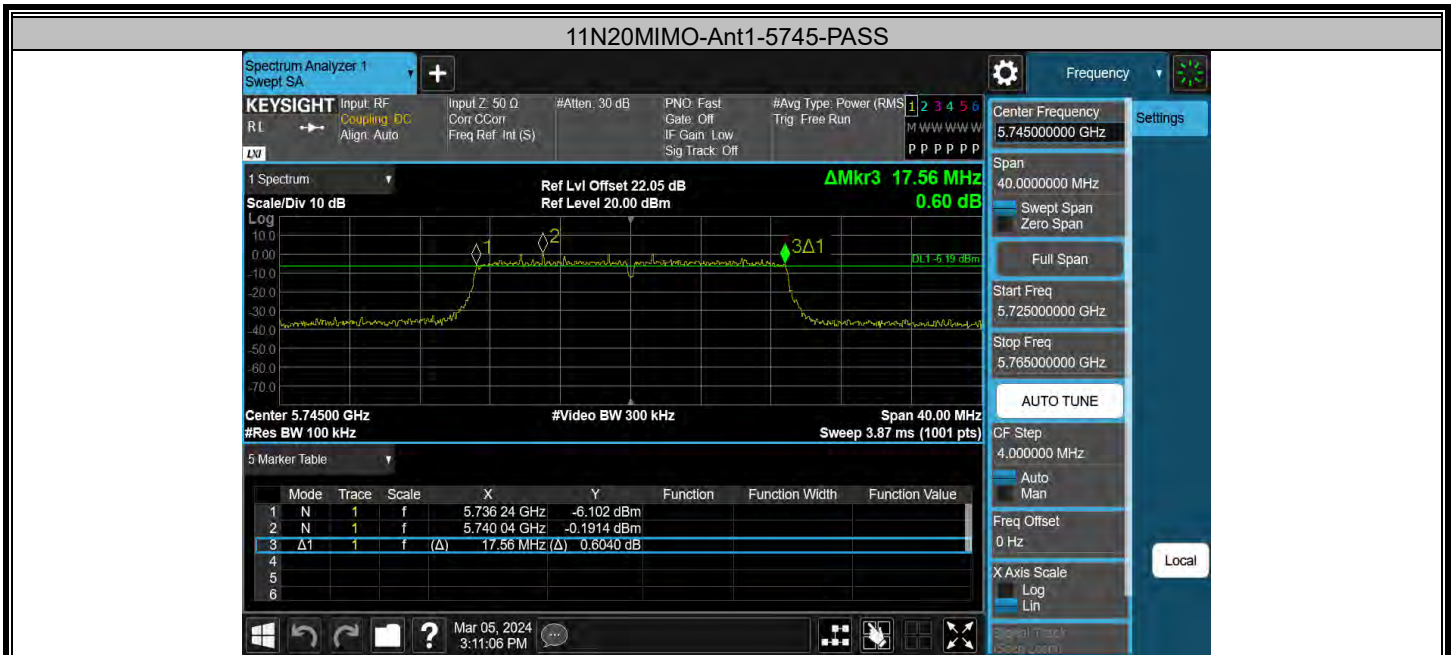


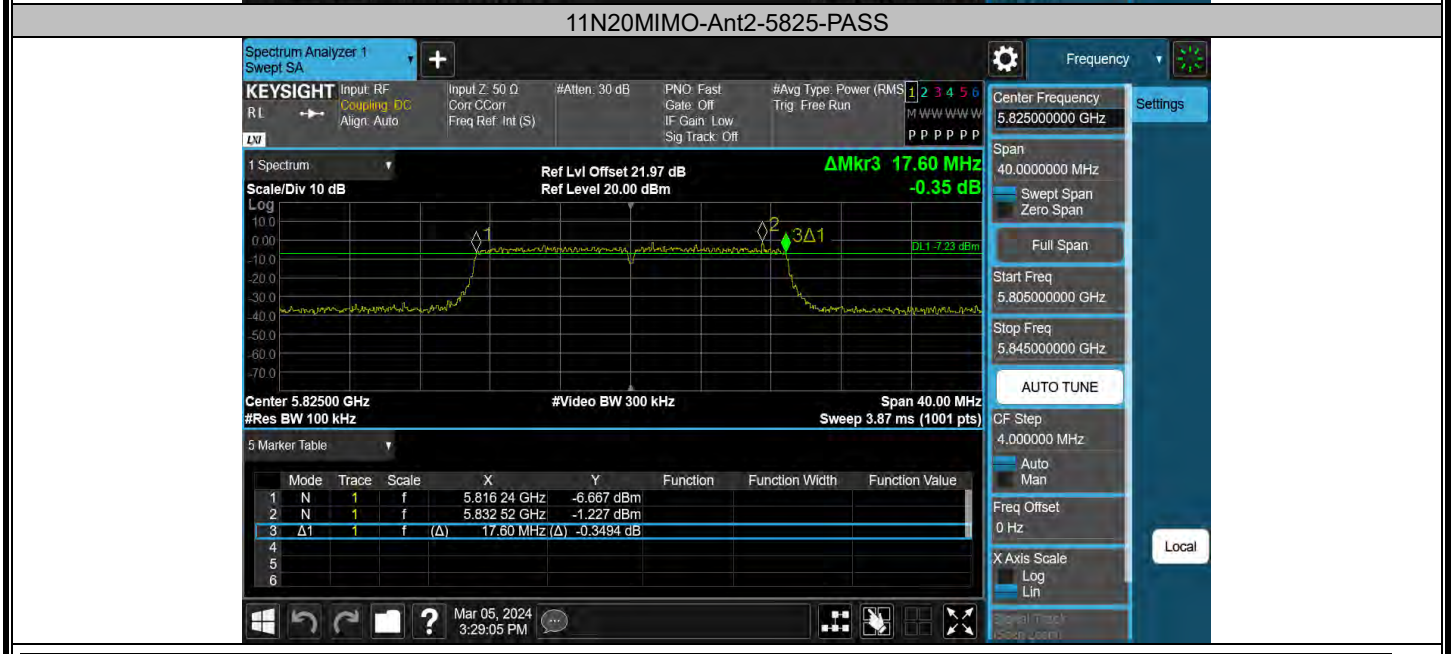
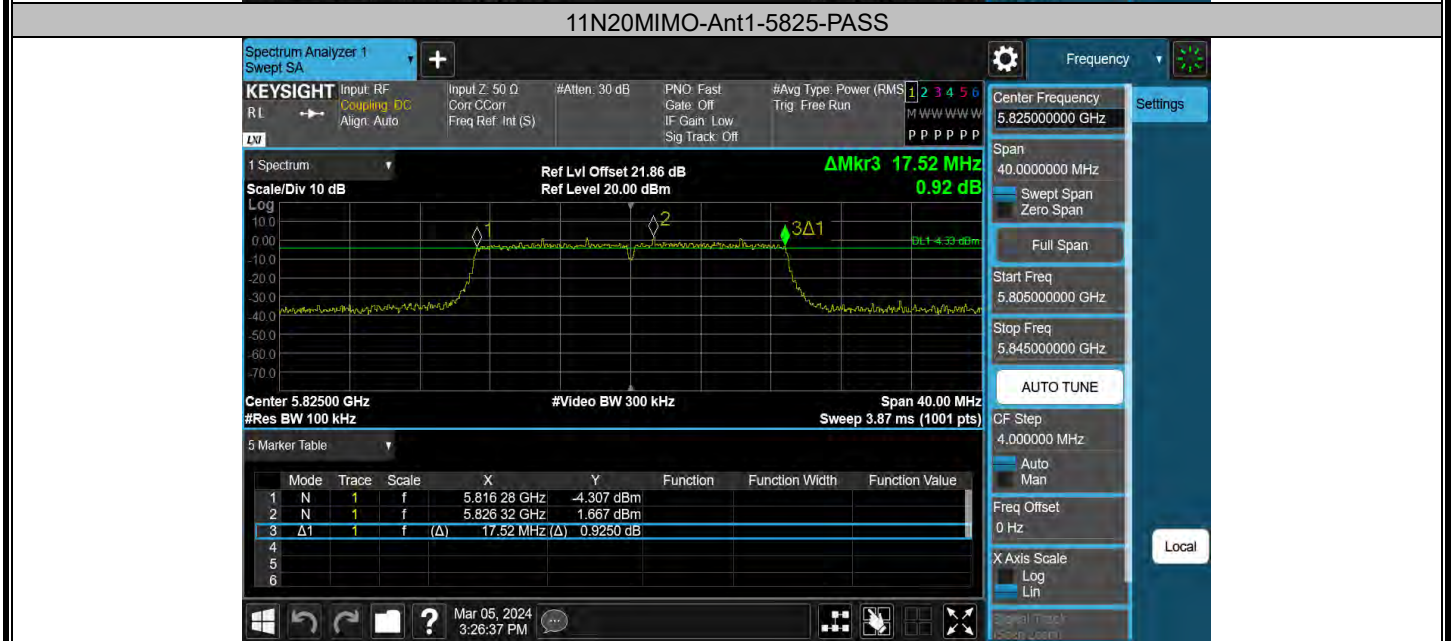
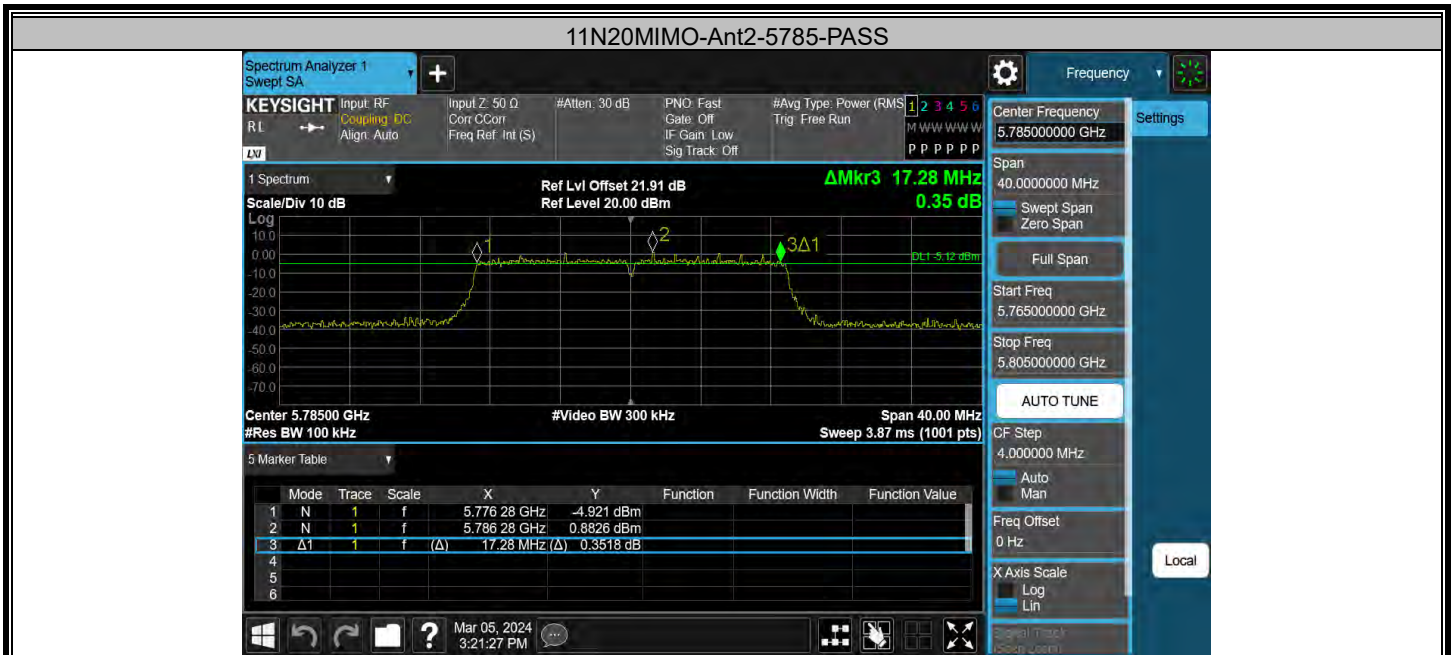
### 11A-Ant1-5825-PASS

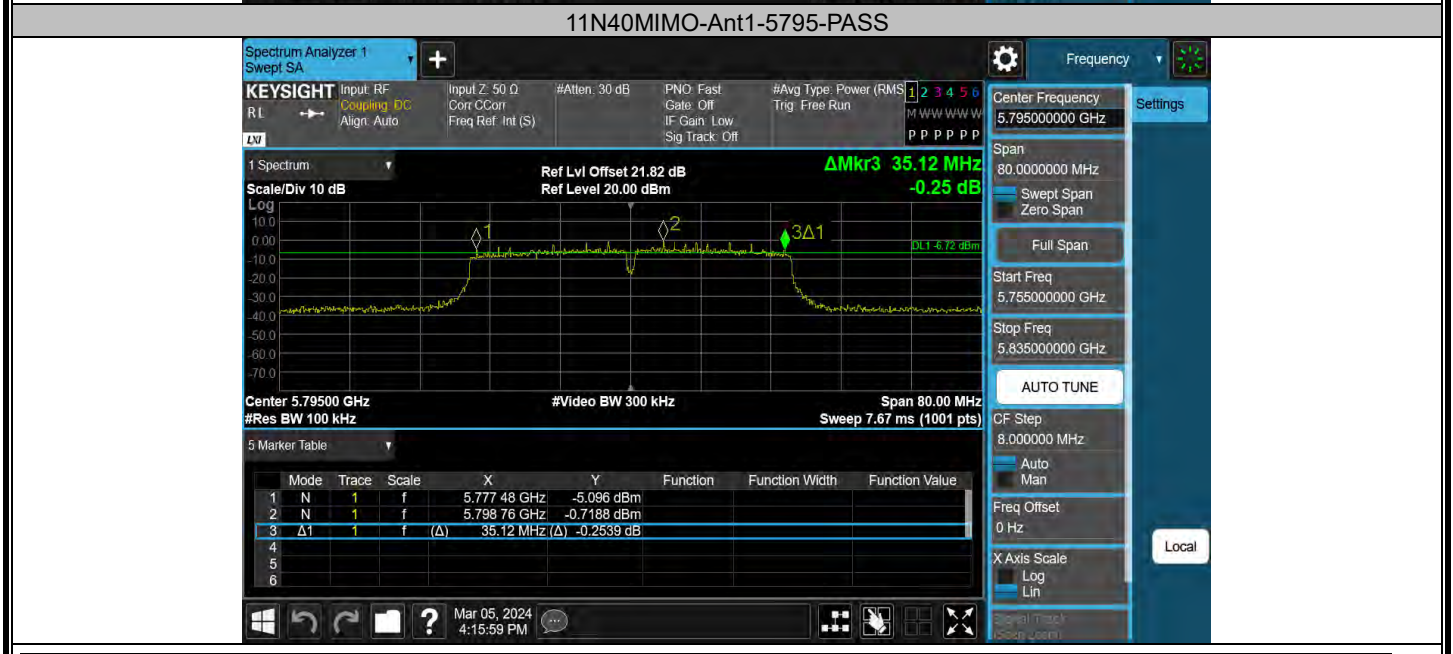
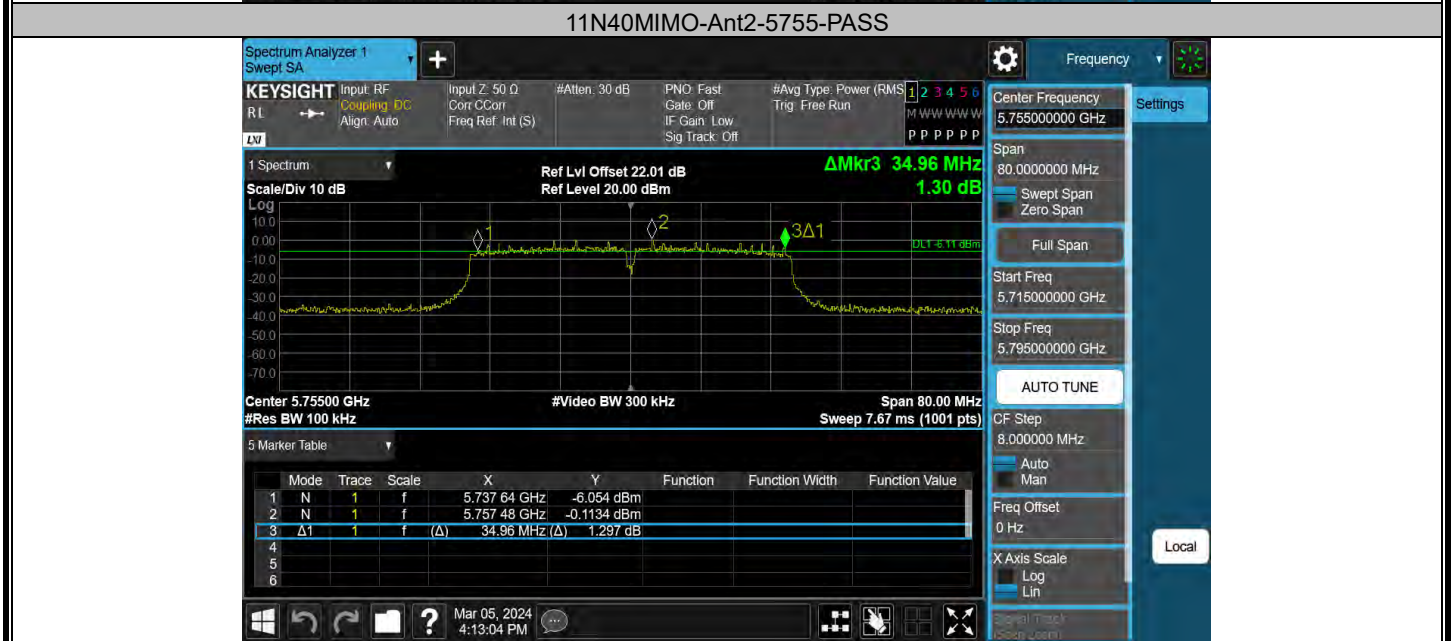
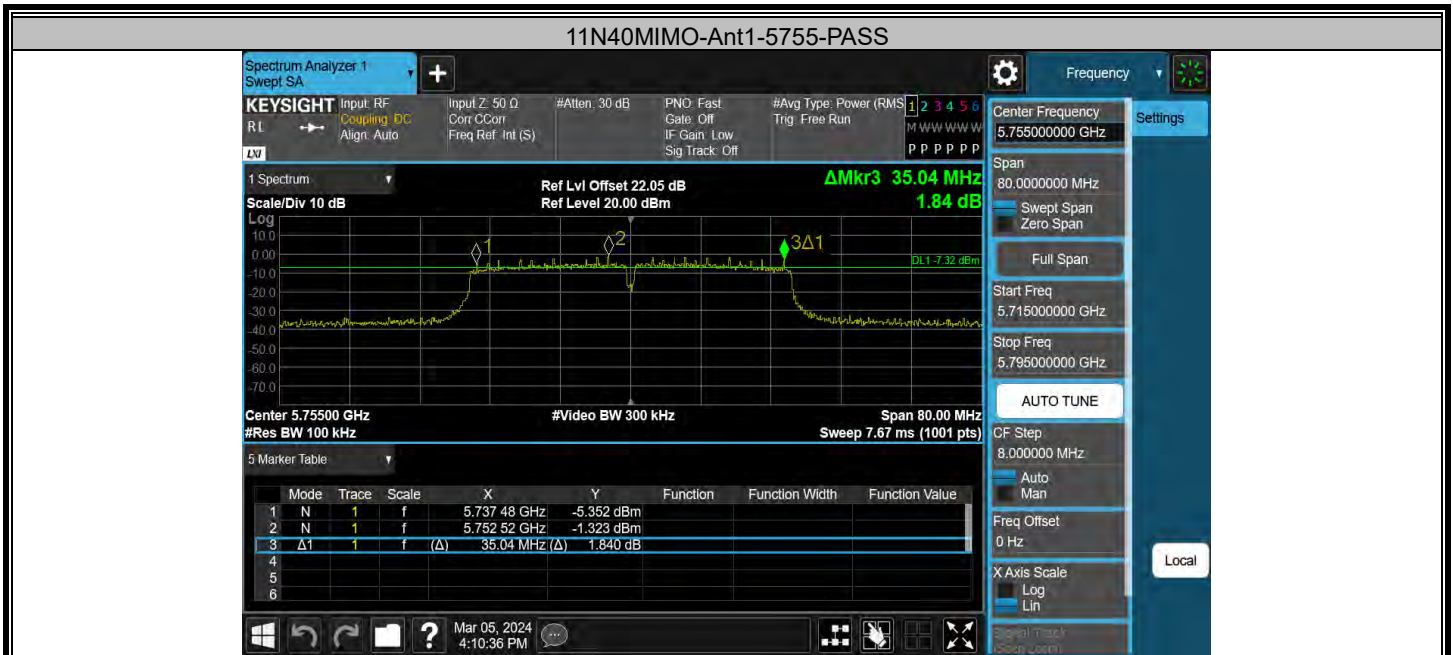


### 11A-Ant2-5825-PASS

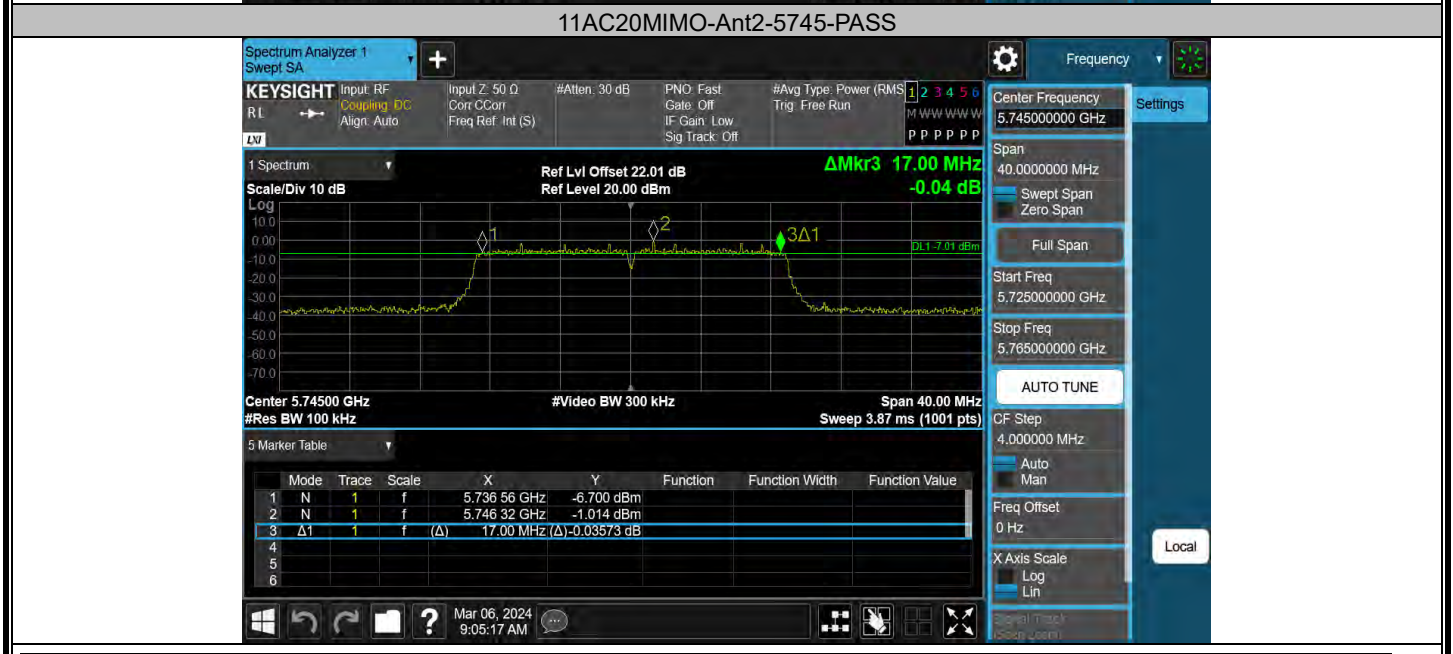
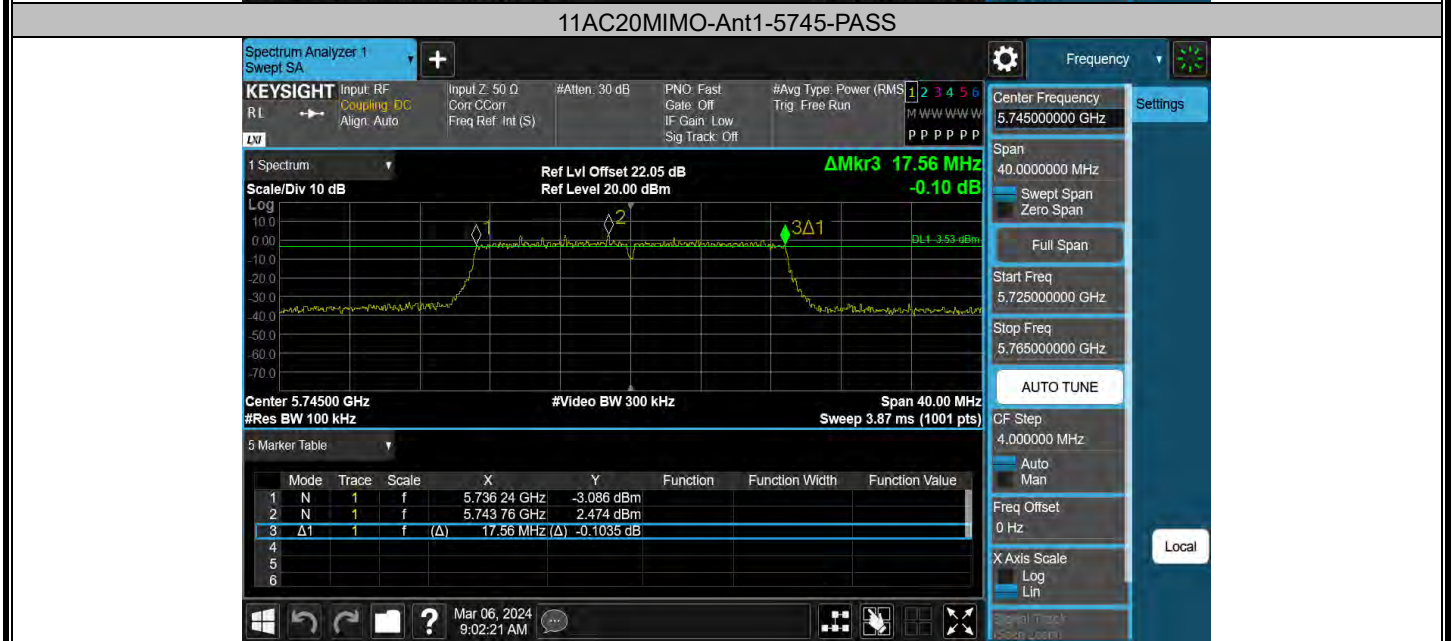
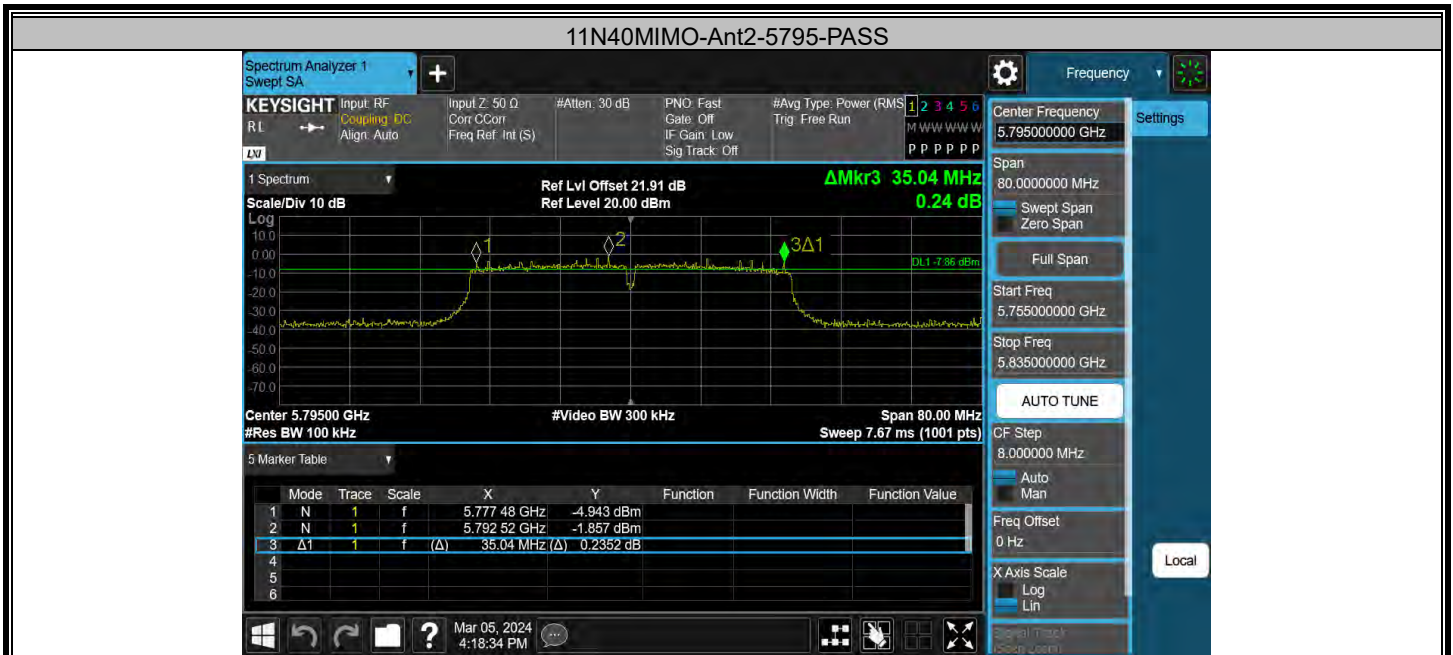


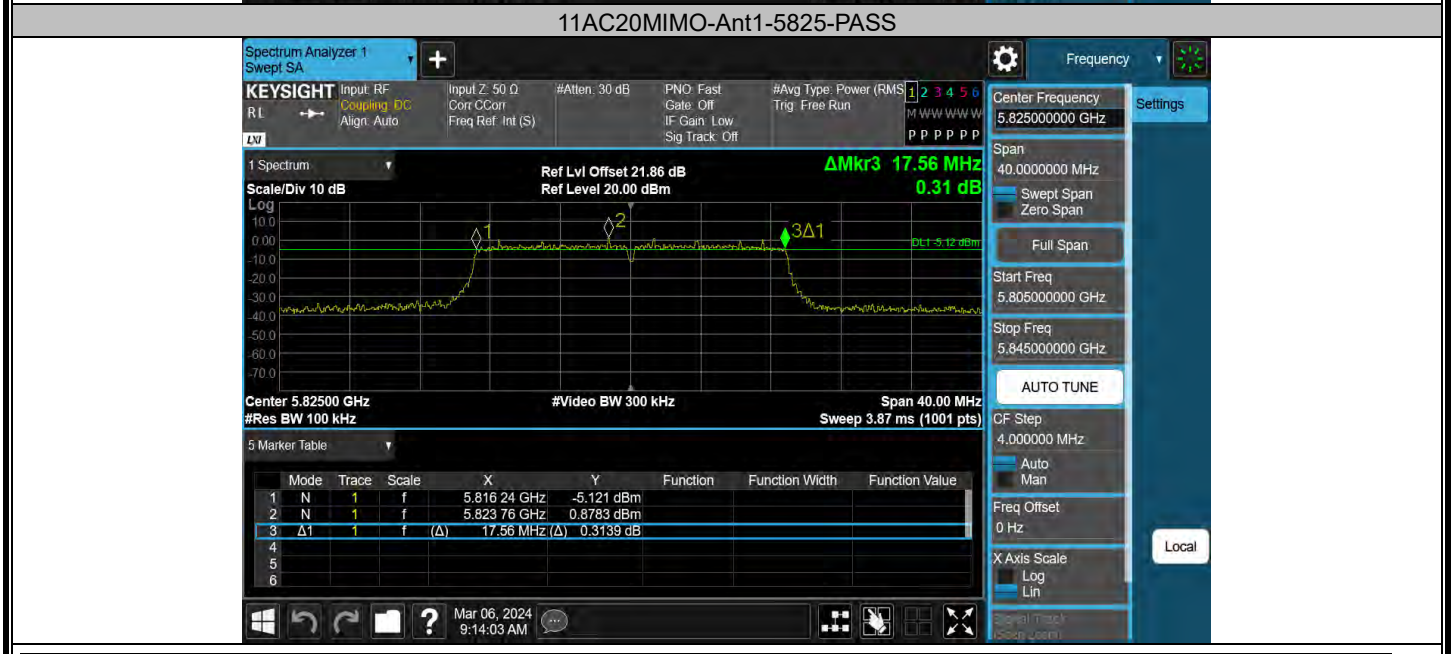
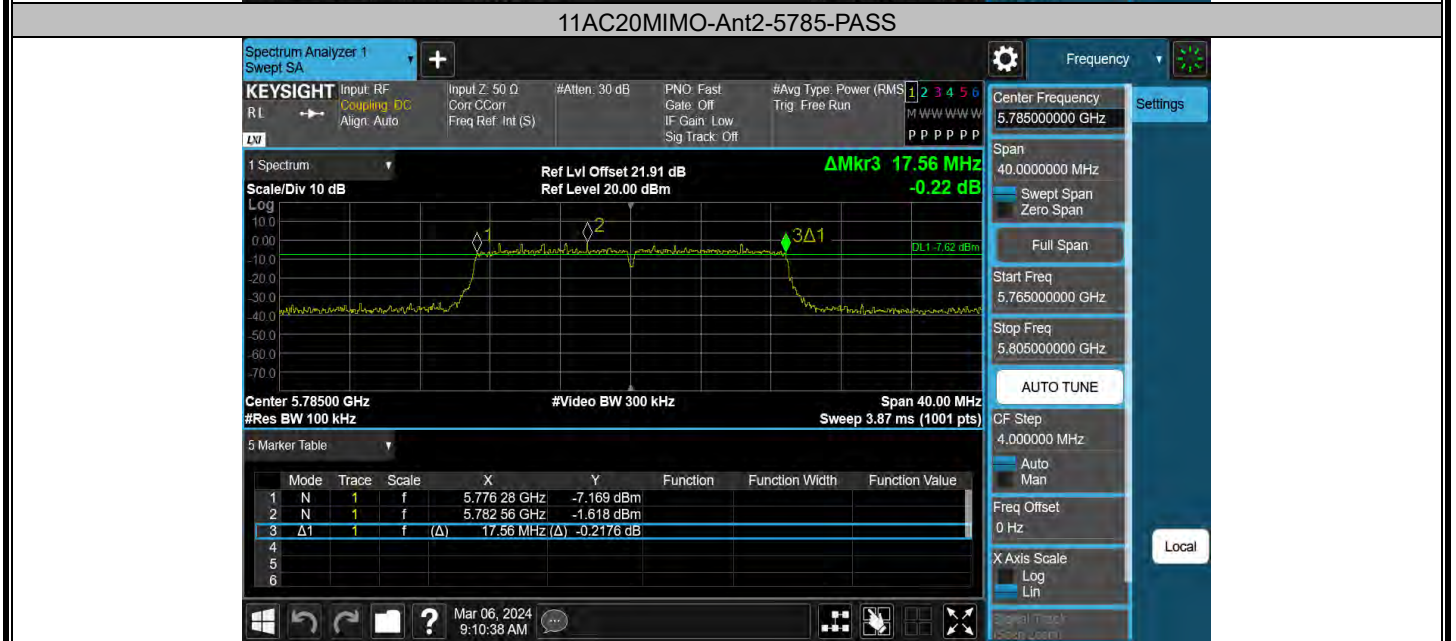
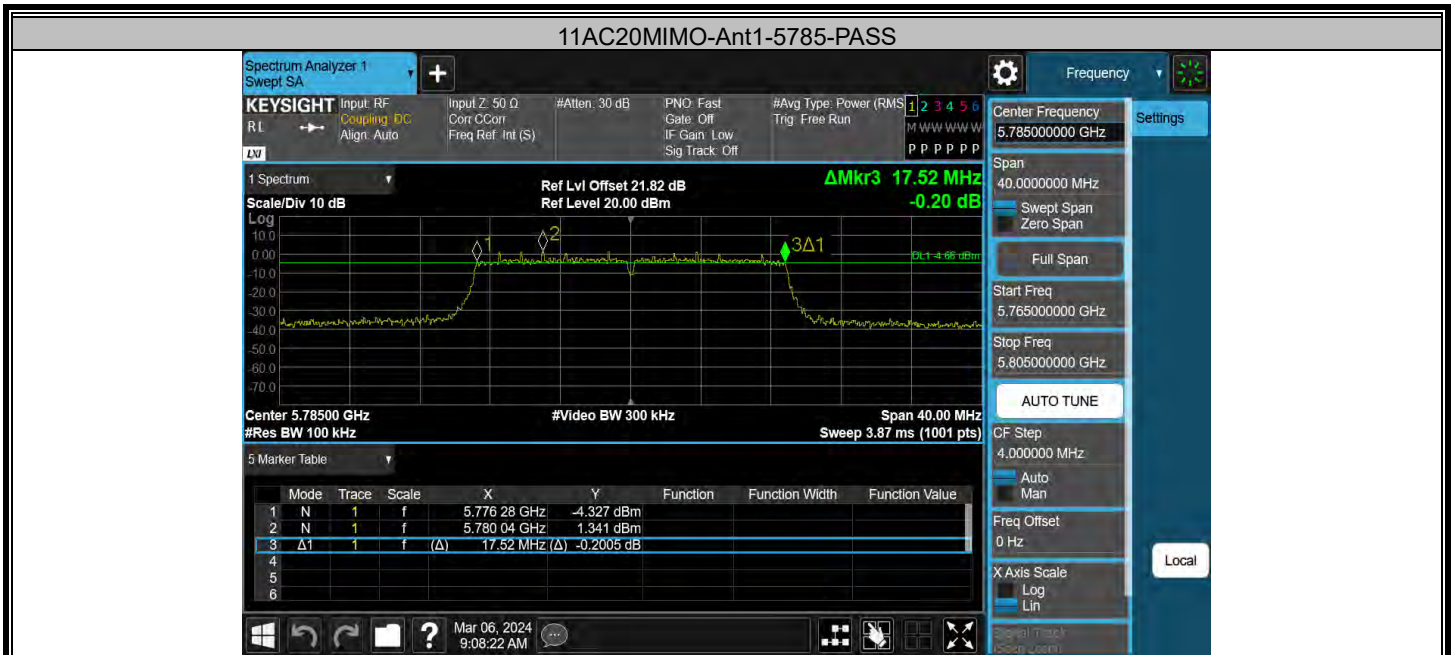


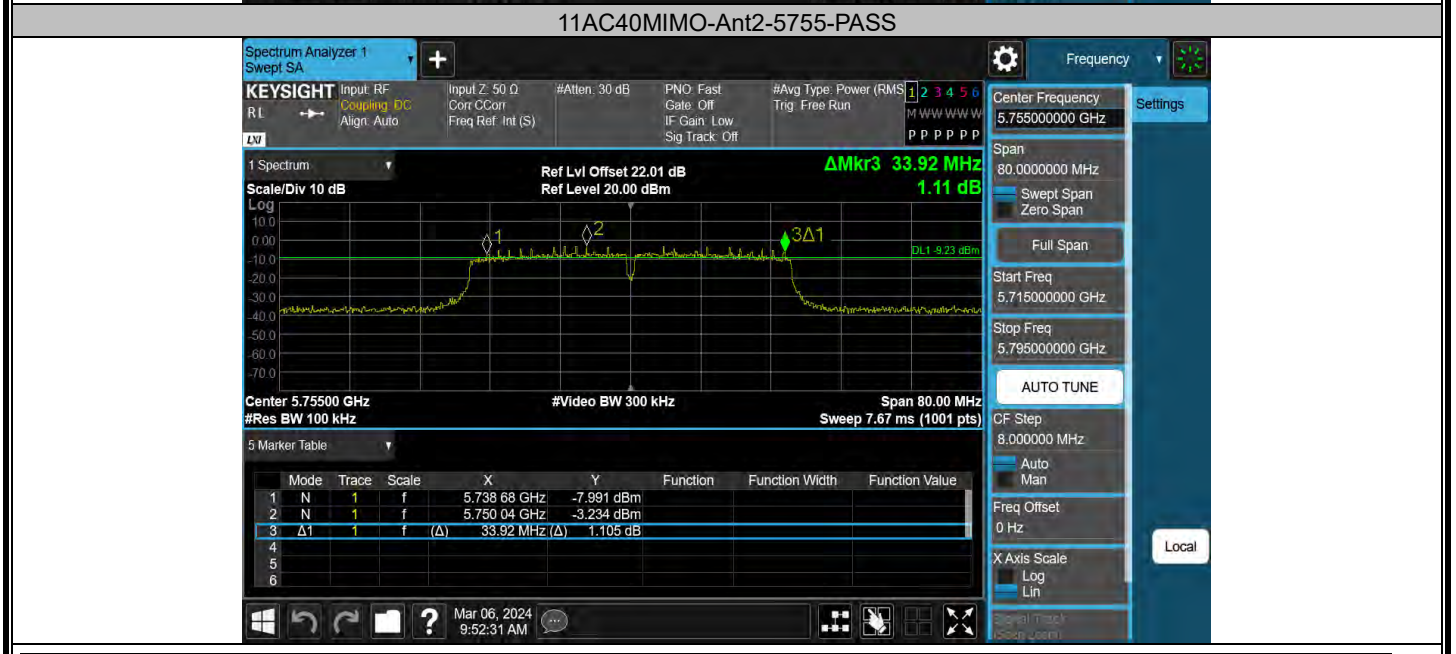
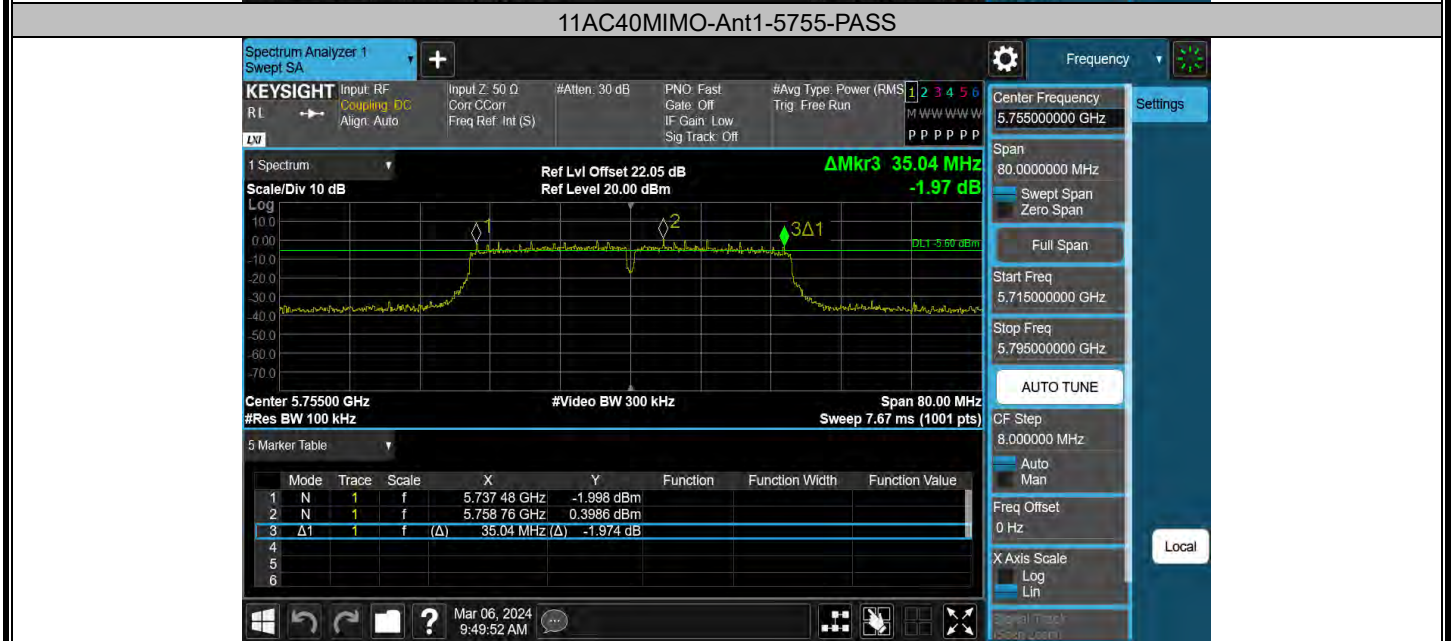
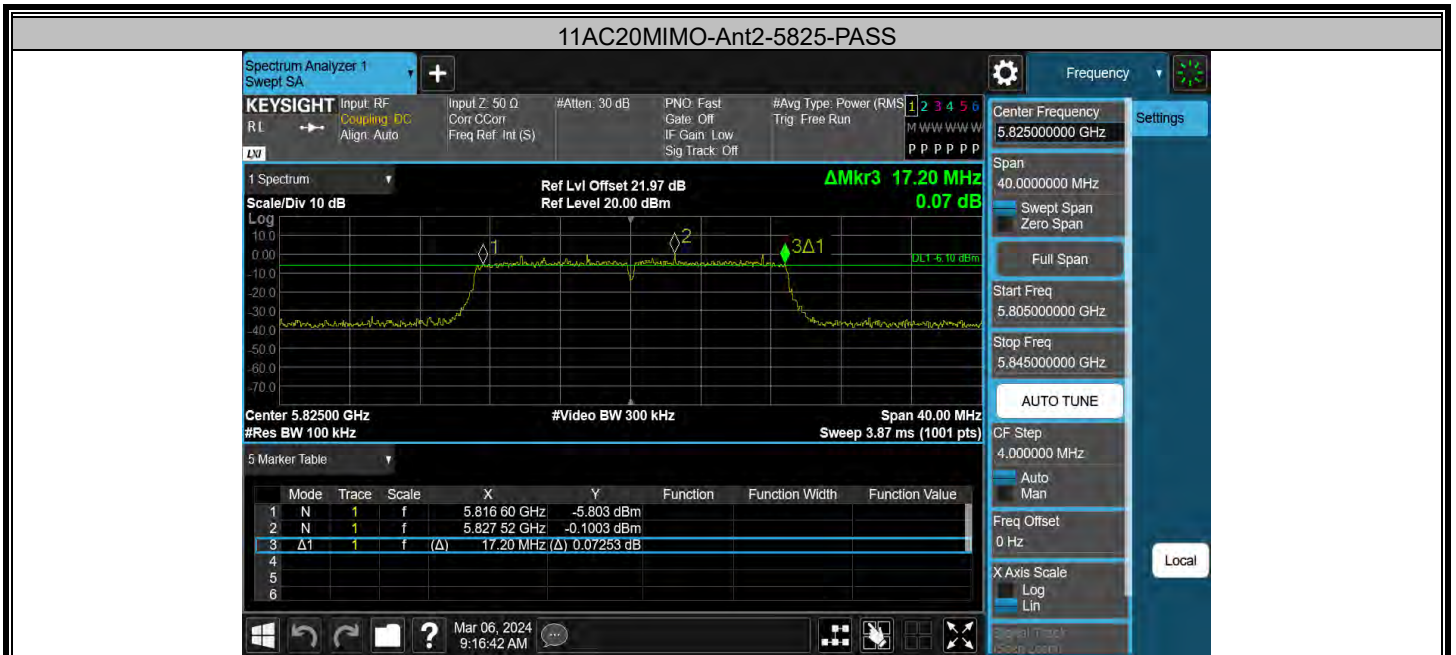


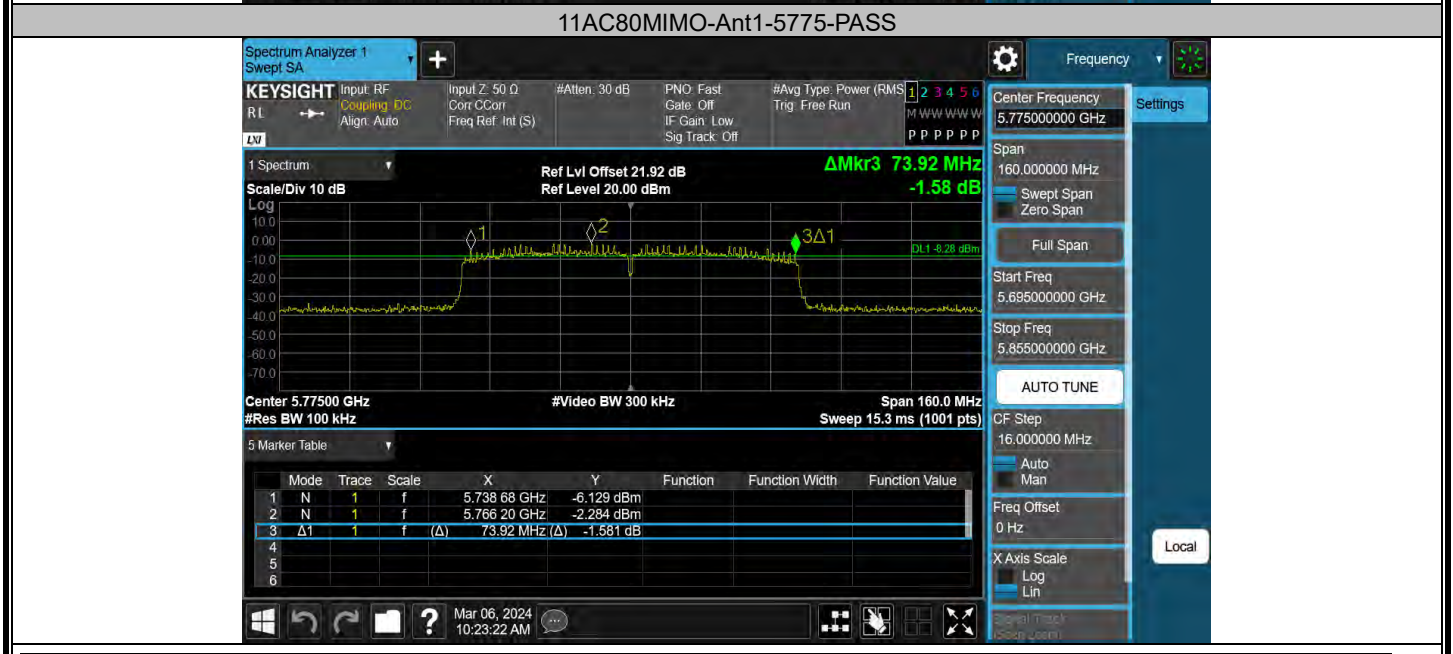
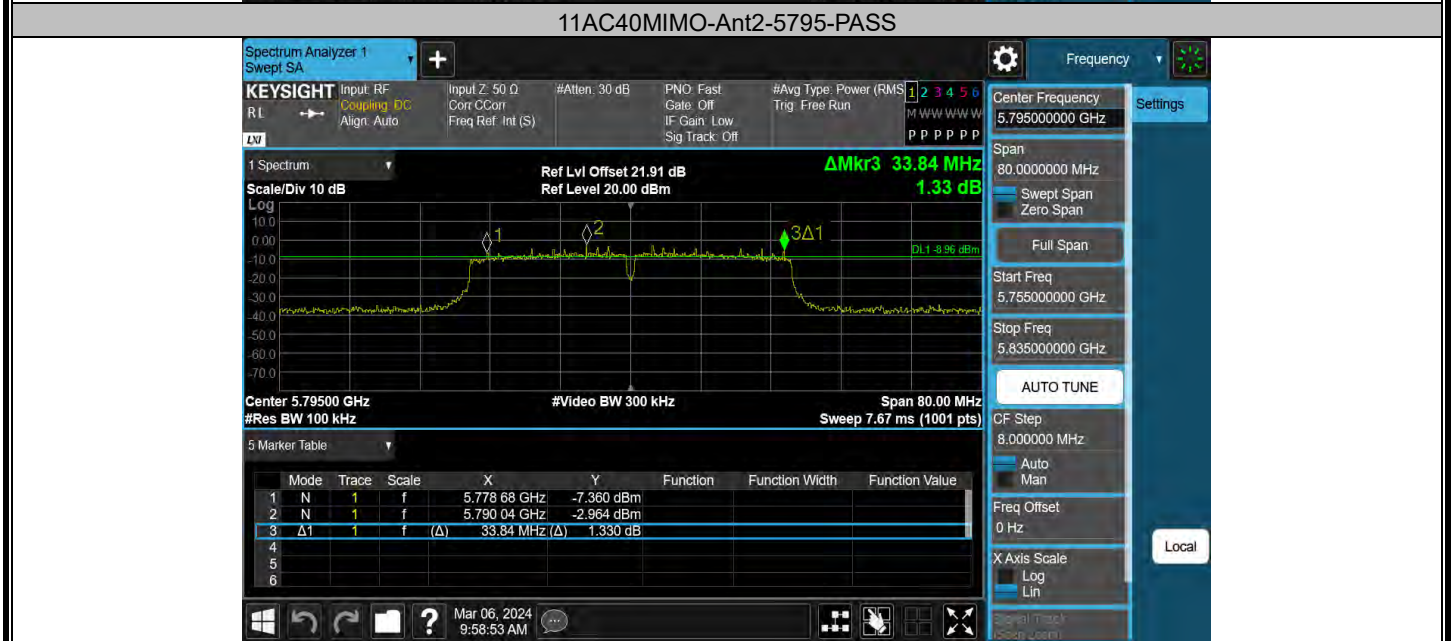
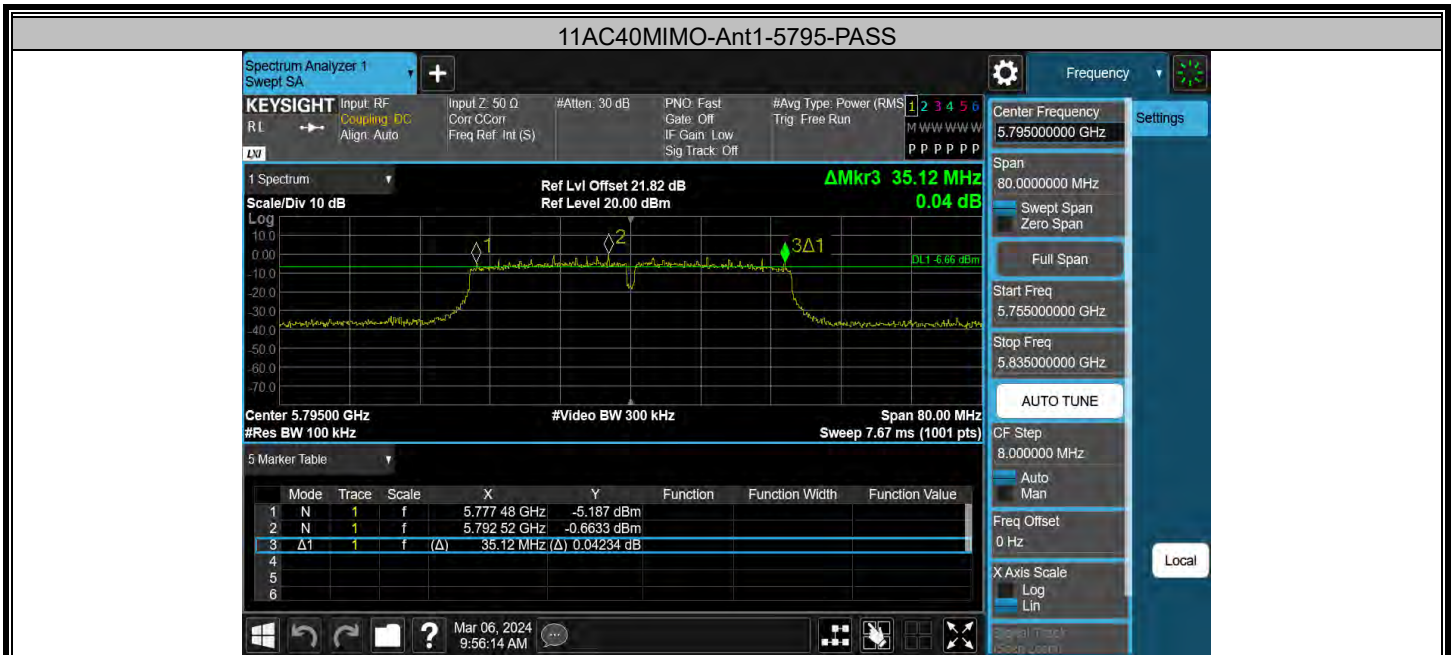


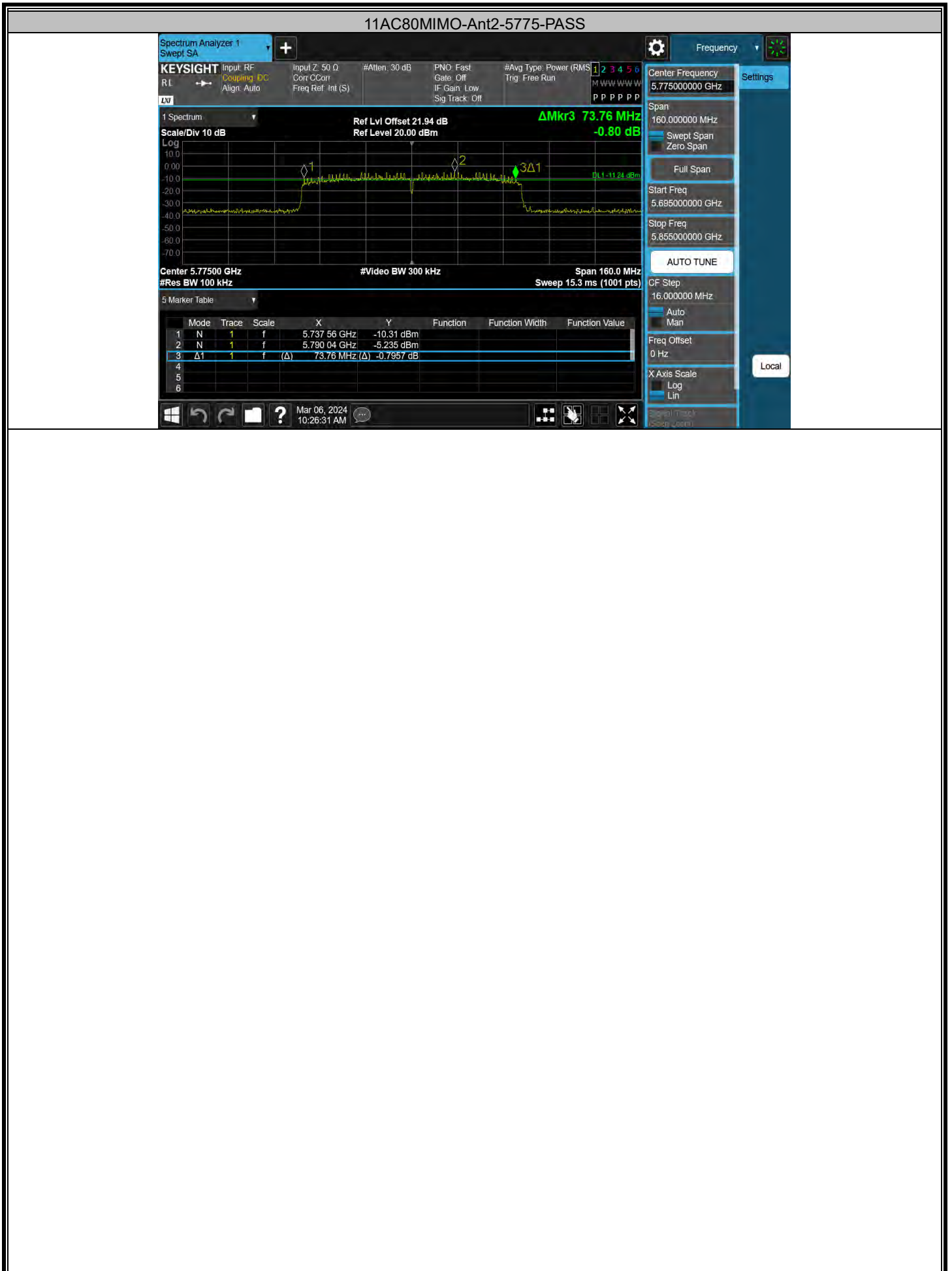












**Appendix B: Duty Cycle  
Test Result**

Test Mode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A	Ant1	5180	1.36	1.86	73.12
11A	Ant2	5180	1.36	1.86	73.12
11A	Ant1	5200	1.36	1.86	73.12
11A	Ant2	5200	1.36	1.86	73.12
11A	Ant1	5240	1.36	1.87	72.73
11A	Ant2	5240	1.36	1.86	73.12
11A	Ant1	5260	1.36	1.86	73.12
11A	Ant2	5260	1.36	1.86	73.12
11A	Ant1	5300	1.36	1.87	72.73
11A	Ant2	5300	1.36	1.86	73.12
11A	Ant1	5320	1.36	1.87	72.73
11A	Ant2	5320	1.36	1.86	73.12
11A	Ant1	5500	1.36	1.86	73.12
11A	Ant2	5500	1.36	1.87	72.73
11A	Ant1	5580	1.36	1.86	73.12
11A	Ant2	5580	1.36	1.86	73.12
11A	Ant1	5700	1.36	1.87	72.73
11A	Ant2	5700	1.36	1.86	73.12
11A	Ant1	5745	1.36	1.87	72.73
11A	Ant2	5745	1.36	1.86	73.12
11A	Ant1	5785	1.36	1.86	73.12
11A	Ant2	5785	1.36	1.86	73.12
11A	Ant1	5825	1.36	1.86	73.12
11A	Ant2	5825	1.36	1.87	72.73
11N20MIMO	Ant1	5180	1.27	1.78	71.35
11N20MIMO	Ant2	5180	1.28	1.78	71.91
11N20MIMO	Ant1	5200	1.27	1.77	71.75
11N20MIMO	Ant2	5200	1.27	1.77	71.75
11N20MIMO	Ant1	5240	1.27	1.78	71.35
11N20MIMO	Ant2	5240	1.28	1.78	71.91
11N20MIMO	Ant1	5260	1.27	1.78	71.35
11N20MIMO	Ant2	5260	1.28	1.78	71.91
11N20MIMO	Ant1	5300	1.27	1.78	71.35
11N20MIMO	Ant2	5300	1.27	1.77	71.75
11N20MIMO	Ant1	5320	1.27	1.77	71.75
11N20MIMO	Ant2	5320	1.27	1.77	71.75
11N20MIMO	Ant1	5500	1.27	1.77	71.75
11N20MIMO	Ant2	5500	1.28	1.78	71.91
11N20MIMO	Ant1	5580	1.27	1.78	71.35
11N20MIMO	Ant2	5580	1.27	1.77	71.75
11N20MIMO	Ant1	5700	1.27	1.77	71.75
11N20MIMO	Ant2	5700	1.27	1.77	71.75
11N20MIMO	Ant1	5745	1.27	1.78	71.35
11N20MIMO	Ant2	5745	1.28	1.78	71.91
11N20MIMO	Ant1	5785	1.28	1.78	71.91
11N20MIMO	Ant2	5785	1.27	1.78	71.35
11N20MIMO	Ant1	5825	1.28	1.78	71.91
11N20MIMO	Ant2	5825	1.27	1.77	71.75
11N40MIMO	Ant1	5190	0.63	1.13	55.75
11N40MIMO	Ant2	5190	0.63	1.13	55.75
11N40MIMO	Ant1	5230	0.64	1.14	56.14
11N40MIMO	Ant2	5230	0.63	1.14	55.26
11N40MIMO	Ant1	5270	0.63	1.13	55.75

11N40MIMO	Ant2	5270	0.63	1.13	55.75
11N40MIMO	Ant1	5310	0.63	1.13	55.75
11N40MIMO	Ant2	5310	0.63	1.13	55.75
11N40MIMO	Ant1	5510	0.63	1.14	55.26
11N40MIMO	Ant2	5510	0.63	1.13	55.75
11N40MIMO	Ant1	5590	0.63	1.14	55.26
11N40MIMO	Ant2	5590	0.63	1.13	55.75
11N40MIMO	Ant1	5670	0.63	1.13	55.75
11N40MIMO	Ant2	5670	0.63	1.13	55.75
11N40MIMO	Ant1	5755	0.63	1.14	55.26
11N40MIMO	Ant2	5755	0.63	1.14	55.26
11N40MIMO	Ant1	5795	0.63	1.14	55.26
11N40MIMO	Ant2	5795	0.64	1.14	56.14
11AC20MIMO	Ant1	5180	1.27	1.78	71.35
11AC20MIMO	Ant2	5180	1.27	1.77	71.75
11AC20MIMO	Ant1	5200	1.27	1.77	71.75
11AC20MIMO	Ant2	5200	1.27	1.77	71.75
11AC20MIMO	Ant1	5240	1.28	1.78	71.91
11AC20MIMO	Ant2	5240	1.28	1.78	71.91
11AC20MIMO	Ant1	5260	1.28	1.78	71.91
11AC20MIMO	Ant2	5260	1.28	1.78	71.91
11AC20MIMO	Ant1	5300	1.28	1.78	71.91
11AC20MIMO	Ant2	5300	1.27	1.78	71.35
11AC20MIMO	Ant1	5320	1.28	1.78	71.91
11AC20MIMO	Ant2	5320	1.27	1.77	71.75
11AC20MIMO	Ant1	5500	1.27	1.78	71.35
11AC20MIMO	Ant2	5500	1.28	1.78	71.91
11AC20MIMO	Ant1	5580	1.28	1.78	71.91
11AC20MIMO	Ant2	5580	1.28	1.78	71.91
11AC20MIMO	Ant1	5700	1.28	1.78	71.91
11AC20MIMO	Ant2	5700	1.28	1.78	71.91
11AC20MIMO	Ant1	5745	1.27	1.77	71.75
11AC20MIMO	Ant2	5745	1.27	1.77	71.75
11AC20MIMO	Ant1	5785	1.28	1.78	71.91
11AC20MIMO	Ant2	5785	1.27	1.77	71.75
11AC20MIMO	Ant1	5825	1.27	1.78	71.35
11AC20MIMO	Ant2	5825	1.27	1.77	71.75
11AC40MIMO	Ant1	5190	0.63	1.14	55.26
11AC40MIMO	Ant2	5190	0.63	1.13	55.75
11AC40MIMO	Ant1	5230	0.63	1.14	55.26
11AC40MIMO	Ant2	5230	0.63	1.14	55.26
11AC40MIMO	Ant1	5270	0.63	1.14	55.26
11AC40MIMO	Ant2	5270	0.64	1.14	56.14
11AC40MIMO	Ant1	5310	0.64	1.14	56.14
11AC40MIMO	Ant2	5310	0.64	1.14	56.14
11AC40MIMO	Ant1	5510	0.63	1.14	55.26
11AC40MIMO	Ant2	5510	0.63	1.14	55.26
11AC40MIMO	Ant1	5590	0.63	1.13	55.75
11AC40MIMO	Ant2	5590	0.64	1.14	56.14
11AC40MIMO	Ant1	5670	0.64	1.14	56.14
11AC40MIMO	Ant2	5670	0.64	1.14	56.14
11AC40MIMO	Ant1	5755	0.63	1.14	55.26
11AC40MIMO	Ant2	5755	0.64	1.14	56.14
11AC40MIMO	Ant1	5795	0.63	1.14	55.26
11AC40MIMO	Ant2	5795	0.64	1.14	56.14
11AC80MIMO	Ant1	5210	0.31	0.82	37.80
11AC80MIMO	Ant2	5210	0.31	0.82	37.80



11AC80MIMO	Ant1	5290	0.31	0.82	37.80
11AC80MIMO	Ant2	5290	0.32	0.82	39.02
11AC80MIMO	Ant1	5530	0.31	0.82	37.80
11AC80MIMO	Ant2	5530	0.32	0.82	39.02
11AC80MIMO	Ant1	5610	0.32	0.82	39.02
11AC80MIMO	Ant2	5610	0.31	0.82	37.80
11AC80MIMO	Ant1	5775	0.31	0.82	37.80
11AC80MIMO	Ant2	5775	0.31	0.82	37.80



### Test Graphs

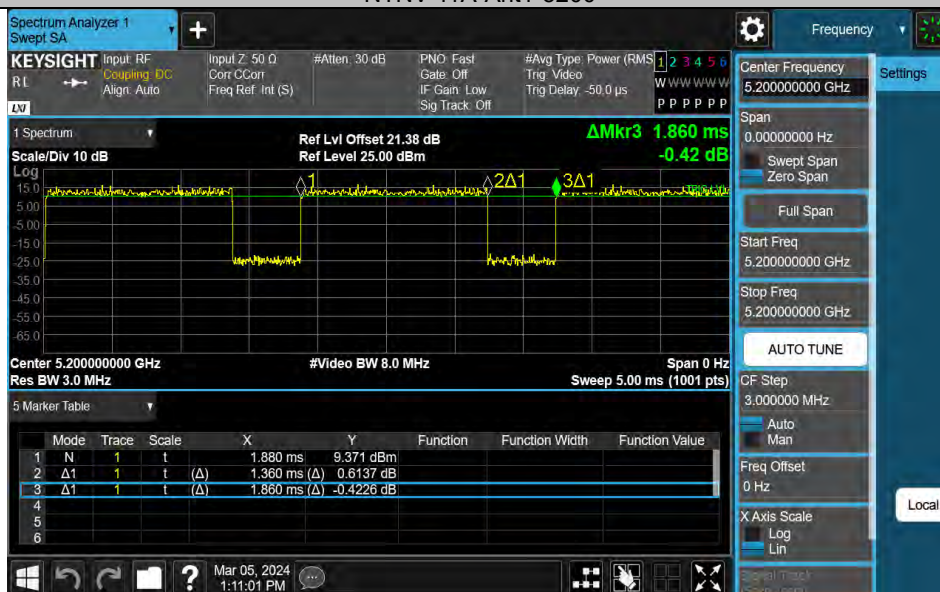
NTNV-11A-Ant1-5180



NTNV-11A-Ant2-5180



NTNV-11A-Ant1-5200



NTNV-11A-Ant2-5200



NTNV-11A-Ant1-5240



NTNV-11A-Ant2-5240

