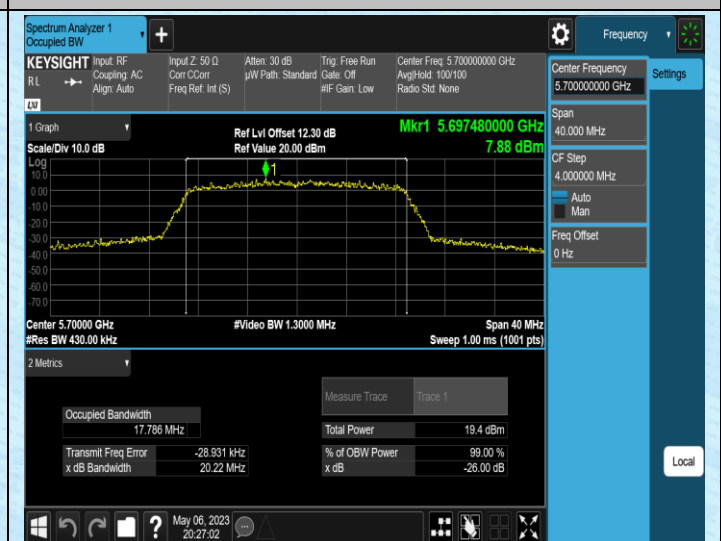
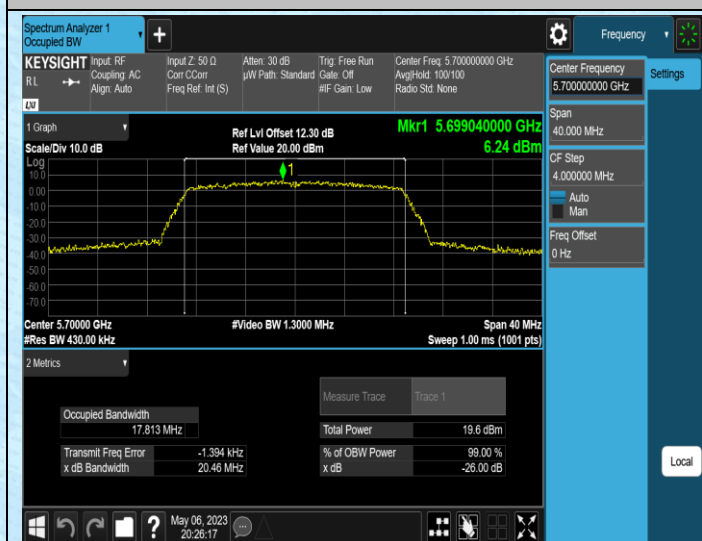
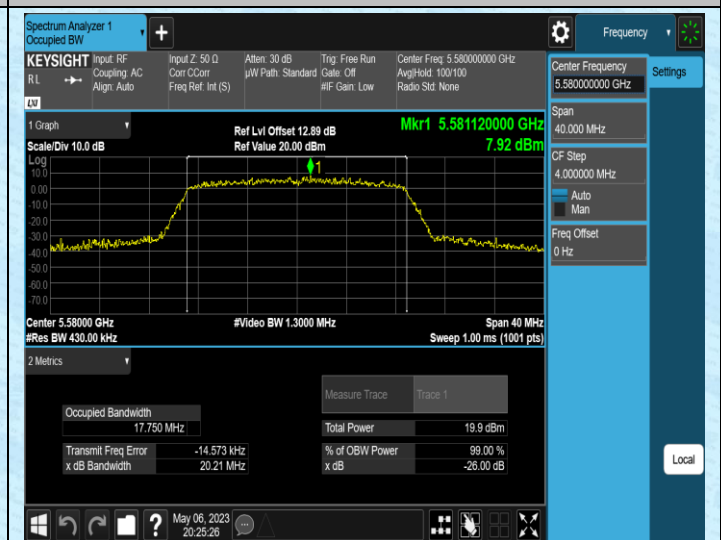
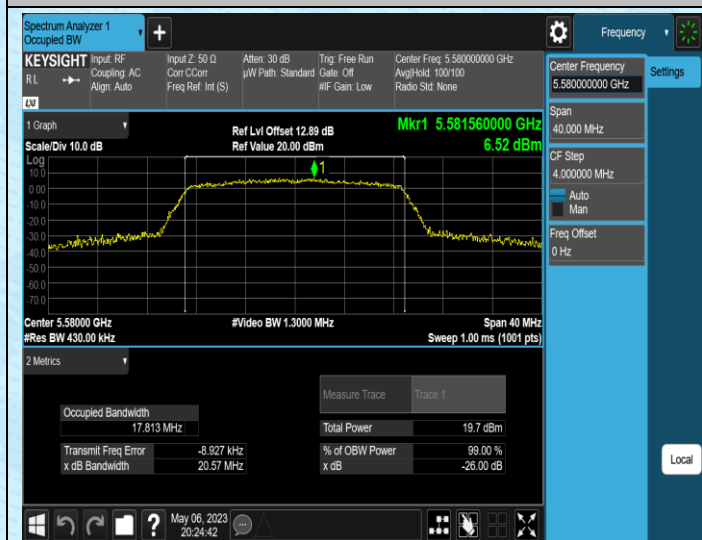
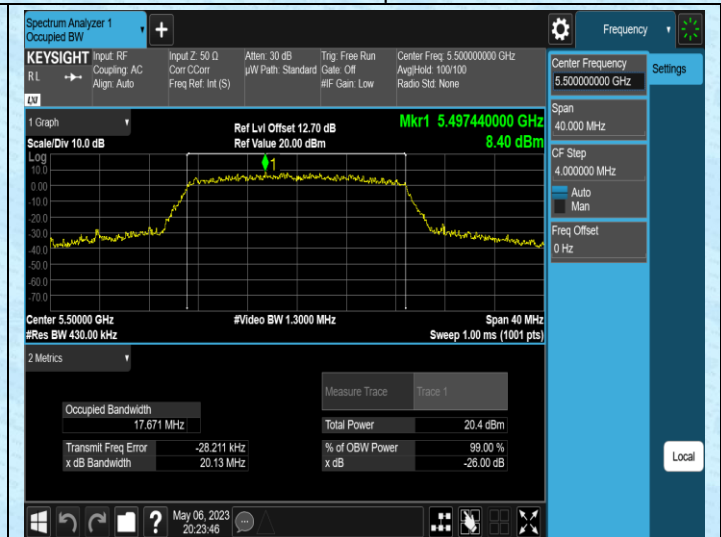
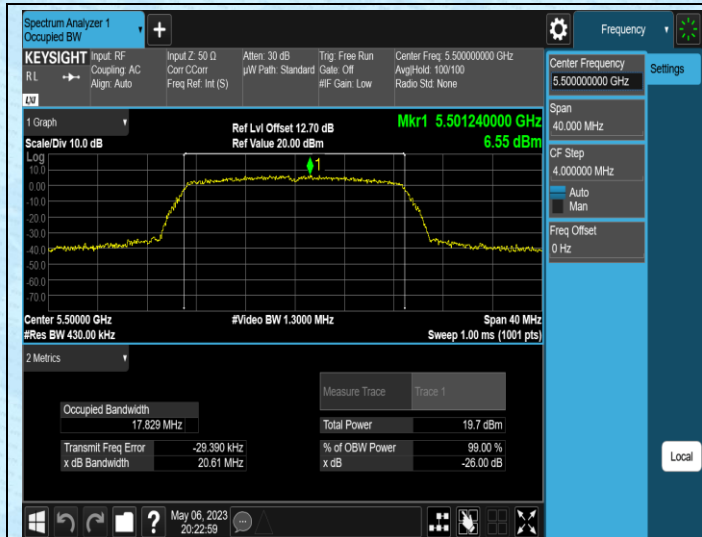




AppendixB: Duty Cycle

Test Result

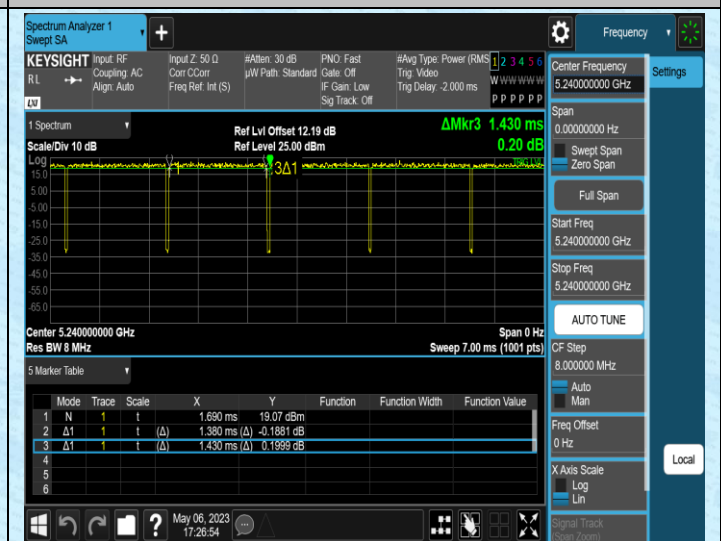
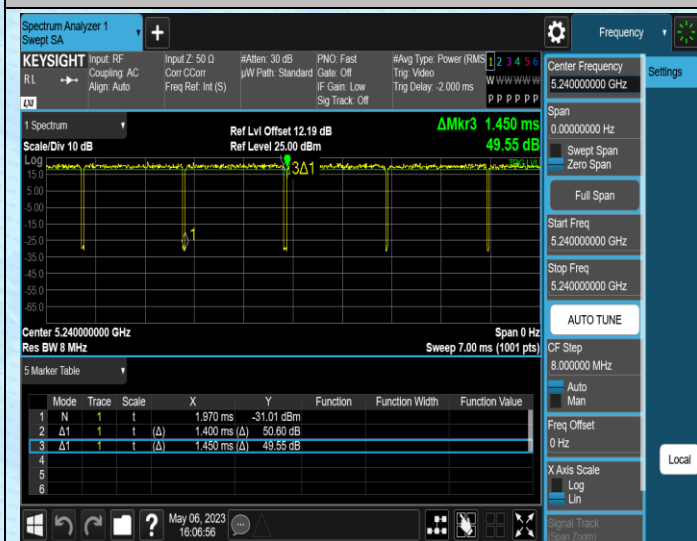
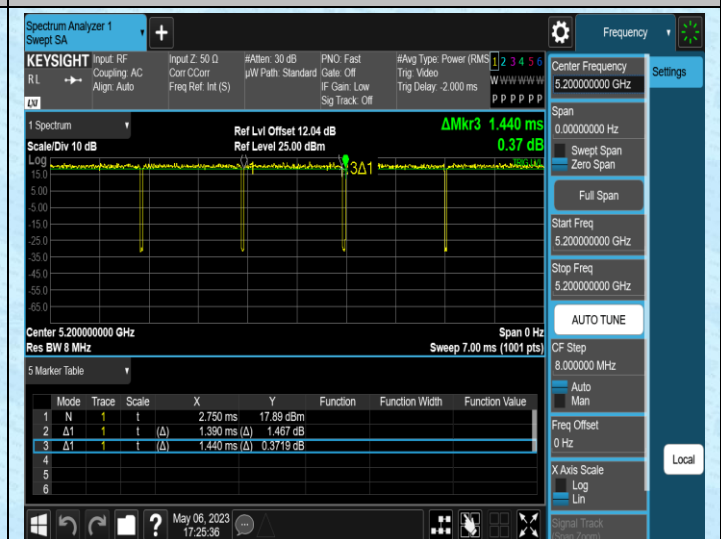
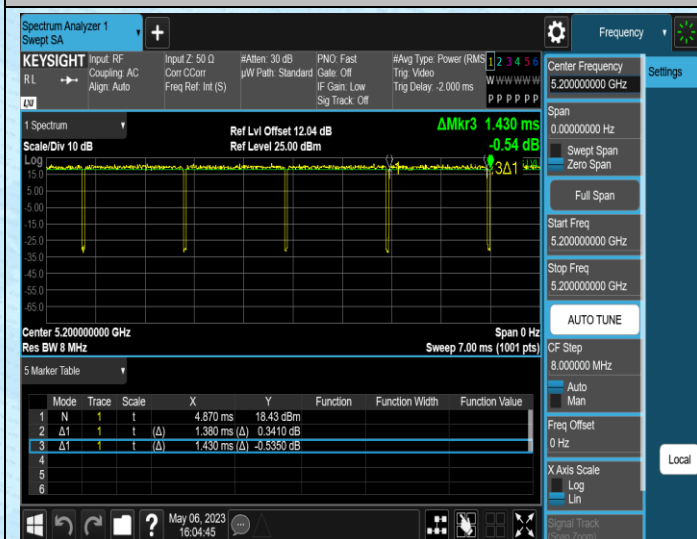
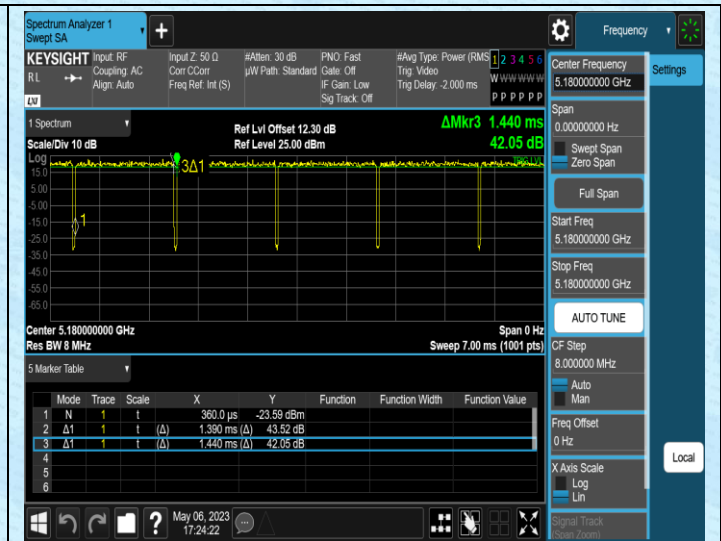
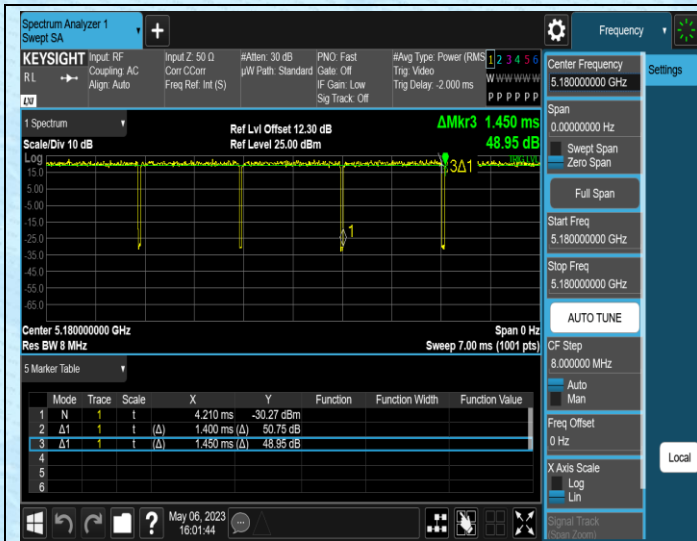
Test Mode	Antenna	Frequency[MHz]	Rate	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A	Ant1	5180	6Mbps	1.40	1.45	96.55
11A	Ant2	5180	6Mbps	1.39	1.44	96.53
11A	Ant1	5200	6Mbps	1.38	1.43	96.50
11A	Ant2	5200	6Mbps	1.39	1.44	96.53
11A	Ant1	5240	6Mbps	1.40	1.45	96.55
11A	Ant2	5240	6Mbps	1.38	1.43	96.50
11A	Ant1	5260	6Mbps	1.39	1.44	96.53
11A	Ant2	5260	6Mbps	1.39	1.44	96.53
11A	Ant1	5280	6Mbps	1.39	1.44	96.53
11A	Ant2	5280	6Mbps	1.38	1.43	96.50
11A	Ant1	5320	6Mbps	1.39	1.43	97.20
11A	Ant2	5320	6Mbps	1.38	1.43	96.50
11A	Ant1	5500	6Mbps	1.39	1.43	97.20
11A	Ant2	5500	6Mbps	1.40	1.45	96.55
11A	Ant1	5580	6Mbps	1.39	1.44	96.53
11A	Ant2	5580	6Mbps	1.39	1.44	96.53
11A	Ant1	5700	6Mbps	1.39	1.44	96.53
11A	Ant2	5700	6Mbps	1.39	1.44	96.53
11N20SISO	Ant1	5180	MCS0	1.30	1.35	96.30
11N20SISO	Ant2	5180	MCS0	1.30	1.34	97.01
11N20SISO	Ant1	5200	MCS0	1.29	1.34	96.27
11N20SISO	Ant2	5200	MCS0	1.29	1.34	96.27
11N20SISO	Ant1	5240	MCS0	1.30	1.34	97.01
11N20SISO	Ant2	5240	MCS0	1.29	1.34	96.27
11N20SISO	Ant1	5260	MCS0	1.29	1.34	96.27
11N20SISO	Ant2	5260	MCS0	1.30	1.35	96.30
11N20SISO	Ant1	5280	MCS0	1.29	1.34	96.27
11N20SISO	Ant2	5280	MCS0	1.30	1.35	96.30
11N20SISO	Ant1	5320	MCS0	1.29	1.34	96.27
11N20SISO	Ant2	5320	MCS0	1.29	1.34	96.27
11N20SISO	Ant1	5500	MCS0	1.29	1.34	96.27
11N20SISO	Ant2	5500	MCS0	1.30	1.35	96.30
11N20SISO	Ant1	5580	MCS0	1.30	1.35	96.30
11N20SISO	Ant2	5580	MCS0	1.29	1.34	96.27
11N20SISO	Ant1	5700	MCS0	1.30	1.34	97.01
11N20SISO	Ant2	5700	MCS0	1.30	1.35	96.30
11N40SISO	Ant1	5190	MCS0	0.65	0.70	92.86

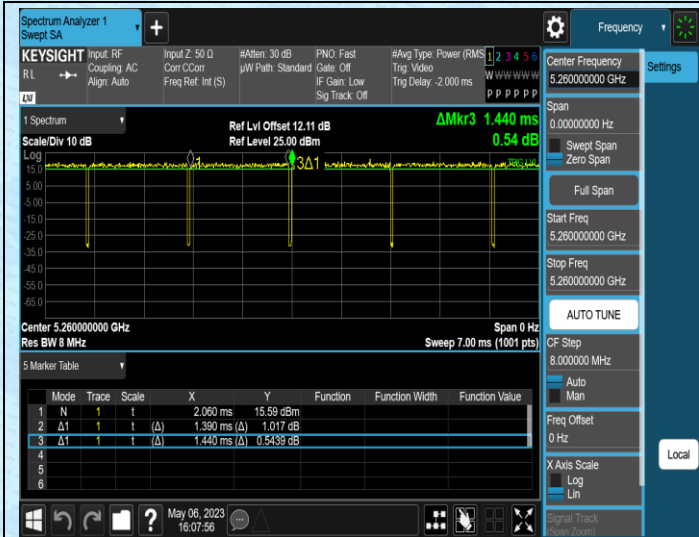
11N40SISO	Ant2	5190	MCS0	0.64	0.69	92.75
11N40SISO	Ant1	5230	MCS0	0.65	0.70	92.86
11N40SISO	Ant2	5230	MCS0	0.64	0.69	92.75
11N40SISO	Ant1	5270	MCS0	0.65	0.70	92.86
11N40SISO	Ant2	5270	MCS0	0.65	0.70	92.86
11N40SISO	Ant1	5310	MCS0	0.65	0.70	92.86
11N40SISO	Ant2	5310	MCS0	0.64	0.69	92.75
11N40SISO	Ant1	5510	MCS0	0.65	0.69	94.20
11N40SISO	Ant2	5510	MCS0	0.64	0.69	92.75
11N40SISO	Ant1	5550	MCS0	0.65	0.70	92.86
11N40SISO	Ant2	5550	MCS0	0.65	0.70	92.86
11N40SISO	Ant1	5670	MCS0	0.64	0.69	92.75
11N40SISO	Ant2	5670	MCS0	0.64	0.69	92.75
11AC20SISO	Ant1	5180	MCS0	1.31	1.35	97.04
11AC20SISO	Ant2	5180	MCS0	1.31	1.36	96.32
11AC20SISO	Ant1	5200	MCS0	1.31	1.36	96.32
11AC20SISO	Ant2	5200	MCS0	1.31	1.36	96.32
11AC20SISO	Ant1	5240	MCS0	1.31	1.36	96.32
11AC20SISO	Ant2	5240	MCS0	1.31	1.36	96.32
11AC20SISO	Ant1	5260	MCS0	1.31	1.36	96.32
11AC20SISO	Ant2	5260	MCS0	1.31	1.36	96.32
11AC20SISO	Ant1	5280	MCS0	1.31	1.36	96.32
11AC20SISO	Ant2	5280	MCS0	1.31	1.36	96.32
11AC20SISO	Ant1	5320	MCS0	1.30	1.35	96.30
11AC20SISO	Ant2	5320	MCS0	1.30	1.35	96.30
11AC20SISO	Ant1	5500	MCS0	1.31	1.36	96.32
11AC20SISO	Ant2	5500	MCS0	1.31	1.35	97.04
11AC20SISO	Ant1	5580	MCS0	1.30	1.35	96.30
11AC20SISO	Ant2	5580	MCS0	1.31	1.36	96.32
11AC20SISO	Ant1	5700	MCS0	1.30	1.35	96.30
11AC20SISO	Ant2	5700	MCS0	1.31	1.36	96.32
11AC40SISO	Ant1	5190	MCS0	0.65	0.70	92.86
11AC40SISO	Ant2	5190	MCS0	0.65	0.70	92.86
11AC40SISO	Ant1	5230	MCS0	0.65	0.70	92.86
11AC40SISO	Ant2	5230	MCS0	0.65	0.70	92.86
11AC40SISO	Ant1	5270	MCS0	0.65	0.70	92.86
11AC40SISO	Ant2	5270	MCS0	0.65	0.70	92.86
11AC40SISO	Ant1	5310	MCS0	0.65	0.70	92.86
11AC40SISO	Ant2	5310	MCS0	0.65	0.70	92.86
11AC40SISO	Ant1	5510	MCS0	0.65	0.70	92.86
11AC40SISO	Ant2	5510	MCS0	0.65	0.70	92.86
11AC40SISO	Ant1	5550	MCS0	0.65	0.70	92.86
11AC40SISO	Ant2	5550	MCS0	0.65	0.70	92.86

11AC40SISO	Ant1	5670	MCS0	0.65	0.70	92.86
11AC40SISO	Ant2	5670	MCS0	0.65	0.70	92.86
11AC80SISO	Ant1	5210	MCS0	0.32	0.37	86.49
11AC80SISO	Ant2	5210	MCS0	0.33	0.37	89.19
11AC80SISO	Ant1	5290	MCS0	0.32	0.37	86.49
11AC80SISO	Ant2	5290	MCS0	0.32	0.37	86.49
11AC80SISO	Ant1	5530	MCS0	0.33	0.37	89.19
11AC80SISO	Ant2	5530	MCS0	0.33	0.37	89.19
11AC80SISO	Ant1	5610	MCS0	0.33	0.37	89.19
11AC80SISO	Ant2	5610	MCS0	0.33	0.37	89.19
11N40MIMO	Ant1	5190	MCS0	0.64	0.69	92.75
11N40MIMO	Ant2	5190	MCS0	0.64	0.69	92.75
11N40MIMO	Ant1	5230	MCS0	0.64	0.69	92.75
11N40MIMO	Ant2	5230	MCS0	0.64	0.69	92.75
11N40MIMO	Ant1	5270	MCS0	0.65	0.70	92.86
11N40MIMO	Ant2	5270	MCS0	0.64	0.69	92.75
11N40MIMO	Ant1	5310	MCS0	0.64	0.69	92.75
11N40MIMO	Ant2	5310	MCS0	0.64	0.69	92.75
11N40MIMO	Ant1	5510	MCS0	0.65	0.70	92.86
11N40MIMO	Ant2	5510	MCS0	0.64	0.69	92.75
11N40MIMO	Ant1	5550	MCS0	0.64	0.69	92.75
11N40MIMO	Ant2	5550	MCS0	0.65	0.69	94.20
11N40MIMO	Ant1	5670	MCS0	0.65	0.70	92.86
11N40MIMO	Ant2	5670	MCS0	0.65	0.70	92.86
11N20MIMO	Ant1	5180	MCS0	1.30	1.34	97.01
11N20MIMO	Ant2	5180	MCS0	1.29	1.34	96.27
11N20MIMO	Ant1	5200	MCS0	1.31	1.35	97.04
11N20MIMO	Ant2	5200	MCS0	1.30	1.35	96.30
11N20MIMO	Ant1	5240	MCS0	1.30	1.34	97.01
11N20MIMO	Ant2	5240	MCS0	1.30	1.35	96.30
11N20MIMO	Ant1	5260	MCS0	1.30	1.35	96.30
11N20MIMO	Ant2	5260	MCS0	1.30	1.35	96.30
11N20MIMO	Ant1	5280	MCS0	1.29	1.34	96.27
11N20MIMO	Ant2	5280	MCS0	1.30	1.35	96.30
11N20MIMO	Ant1	5320	MCS0	1.30	1.35	96.30
11N20MIMO	Ant2	5320	MCS0	1.30	1.35	96.30
11N20MIMO	Ant1	5500	MCS0	1.29	1.34	96.27
11N20MIMO	Ant2	5500	MCS0	1.30	1.35	96.30
11N20MIMO	Ant1	5580	MCS0	1.30	1.34	97.01
11N20MIMO	Ant2	5580	MCS0	1.30	1.34	97.01
11N20MIMO	Ant1	5700	MCS0	1.30	1.35	96.30
11N20MIMO	Ant2	5700	MCS0	1.30	1.35	96.30
11AC80MIMO	Ant1	5210	MCS0	0.19	0.23	82.61

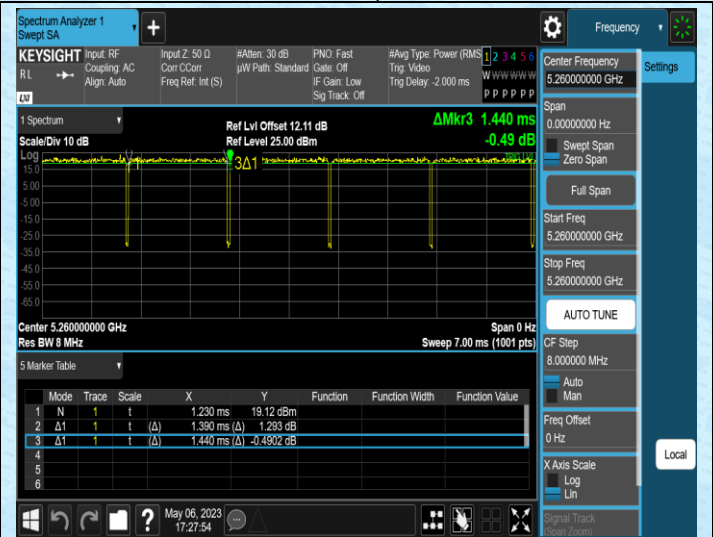
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11AC80MIMO	Ant1	5290	MCS0	0.18	0.23	78.26
11AC80MIMO	Ant2	5290	MCS0	0.19	0.23	82.61
11AC80MIMO	Ant1	5530	MCS0	0.19	0.23	82.61
11AC80MIMO	Ant2	5530	MCS0	0.19	0.24	79.17
11AC80MIMO	Ant1	5610	MCS0	0.18	0.23	78.26
11AC80MIMO	Ant2	5610	MCS0	0.18	0.23	78.26
11AC40MIMO	Ant1	5190	MCS0	0.35	0.40	87.50
11AC40MIMO	Ant2	5190	MCS0	0.35	0.40	87.50
11AC40MIMO	Ant1	5230	MCS0	0.35	0.40	87.50
11AC40MIMO	Ant2	5230	MCS0	0.35	0.40	87.50
11AC40MIMO	Ant1	5270	MCS0	0.35	0.40	87.50
11AC40MIMO	Ant2	5270	MCS0	0.35	0.40	87.50
11AC40MIMO	Ant1	5310	MCS0	0.35	0.40	87.50
11AC40MIMO	Ant2	5310	MCS0	0.35	0.40	87.50
11AC40MIMO	Ant1	5510	MCS0	0.35	0.40	87.50
11AC40MIMO	Ant2	5510	MCS0	0.35	0.40	87.50
11AC40MIMO	Ant1	5550	MCS0	0.35	0.40	87.50
11AC40MIMO	Ant2	5550	MCS0	0.35	0.40	87.50
11AC40MIMO	Ant1	5670	MCS0	0.35	0.39	89.74
11AC40MIMO	Ant2	5670	MCS0	0.35	0.40	87.50
11AC20MIMO	Ant1	5180	MCS0	0.68	0.73	93.15
11AC20MIMO	Ant2	5180	MCS0	0.68	0.73	93.15
11AC20MIMO	Ant1	5200	MCS0	0.68	0.73	93.15
11AC20MIMO	Ant2	5200	MCS0	0.68	0.73	93.15
11AC20MIMO	Ant1	5240	MCS0	0.67	0.72	93.06
11AC20MIMO	Ant2	5240	MCS0	0.68	0.73	93.15
11AC20MIMO	Ant1	5260	MCS0	0.68	0.73	93.15
11AC20MIMO	Ant2	5260	MCS0	0.68	0.73	93.15
11AC20MIMO	Ant1	5280	MCS0	0.68	0.73	93.15
11AC20MIMO	Ant2	5280	MCS0	0.68	0.73	93.15
11AC20MIMO	Ant1	5320	MCS0	0.68	0.73	93.15
11AC20MIMO	Ant2	5320	MCS0	0.68	0.73	93.15
11AC20MIMO	Ant1	5500	MCS0	0.68	0.73	93.15
11AC20MIMO	Ant2	5500	MCS0	0.68	0.73	93.15
11AC20MIMO	Ant1	5580	MCS0	0.67	0.72	93.06
11AC20MIMO	Ant2	5580	MCS0	0.68	0.73	93.15
11AC20MIMO	Ant1	5700	MCS0	0.68	0.73	93.15
11AC20MIMO	Ant2	5700	MCS0	0.68	0.73	93.15

Test Graphs

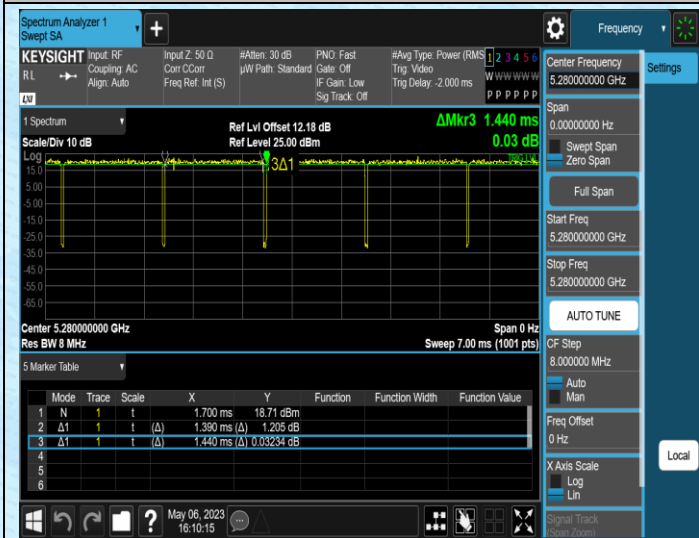




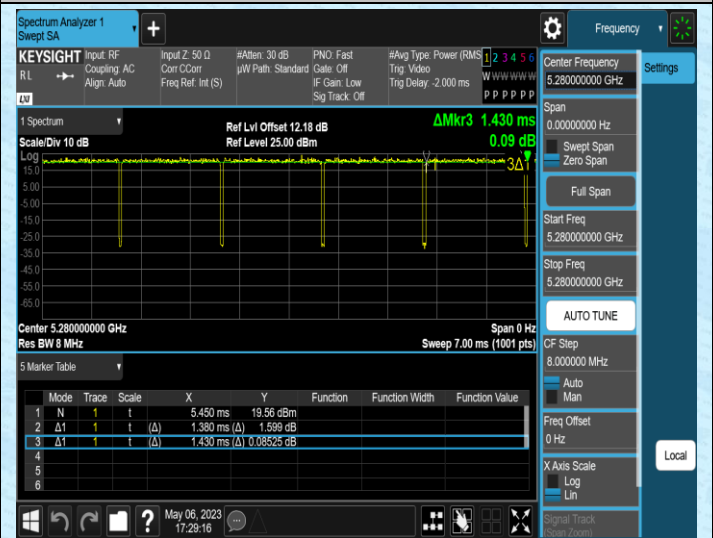
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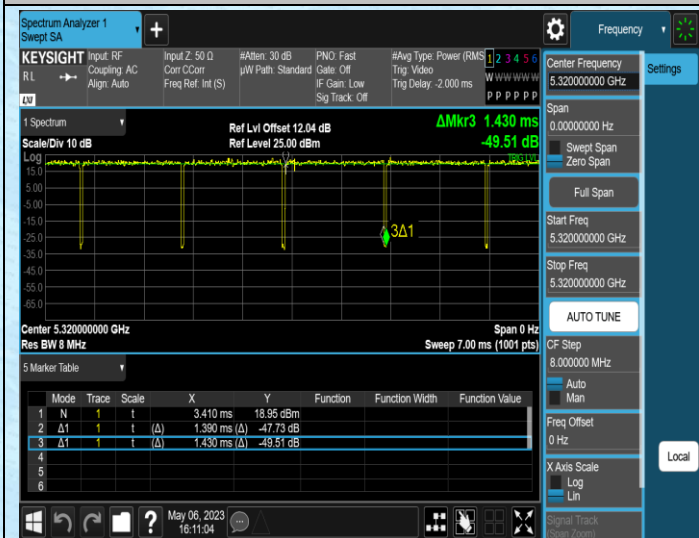
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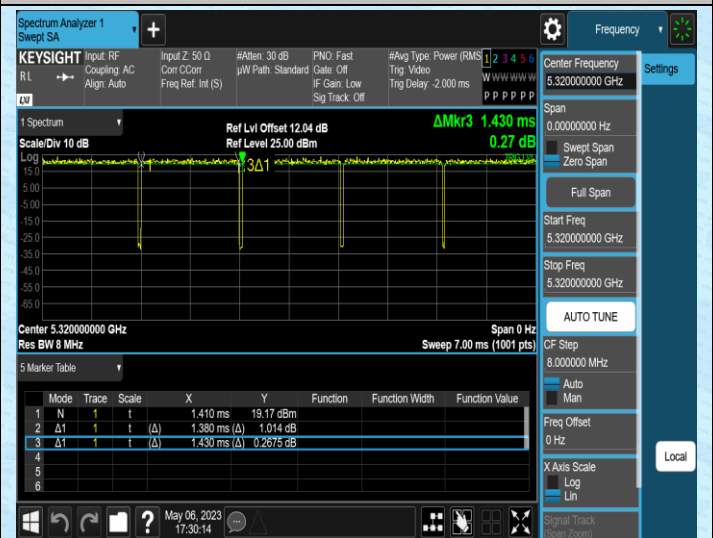
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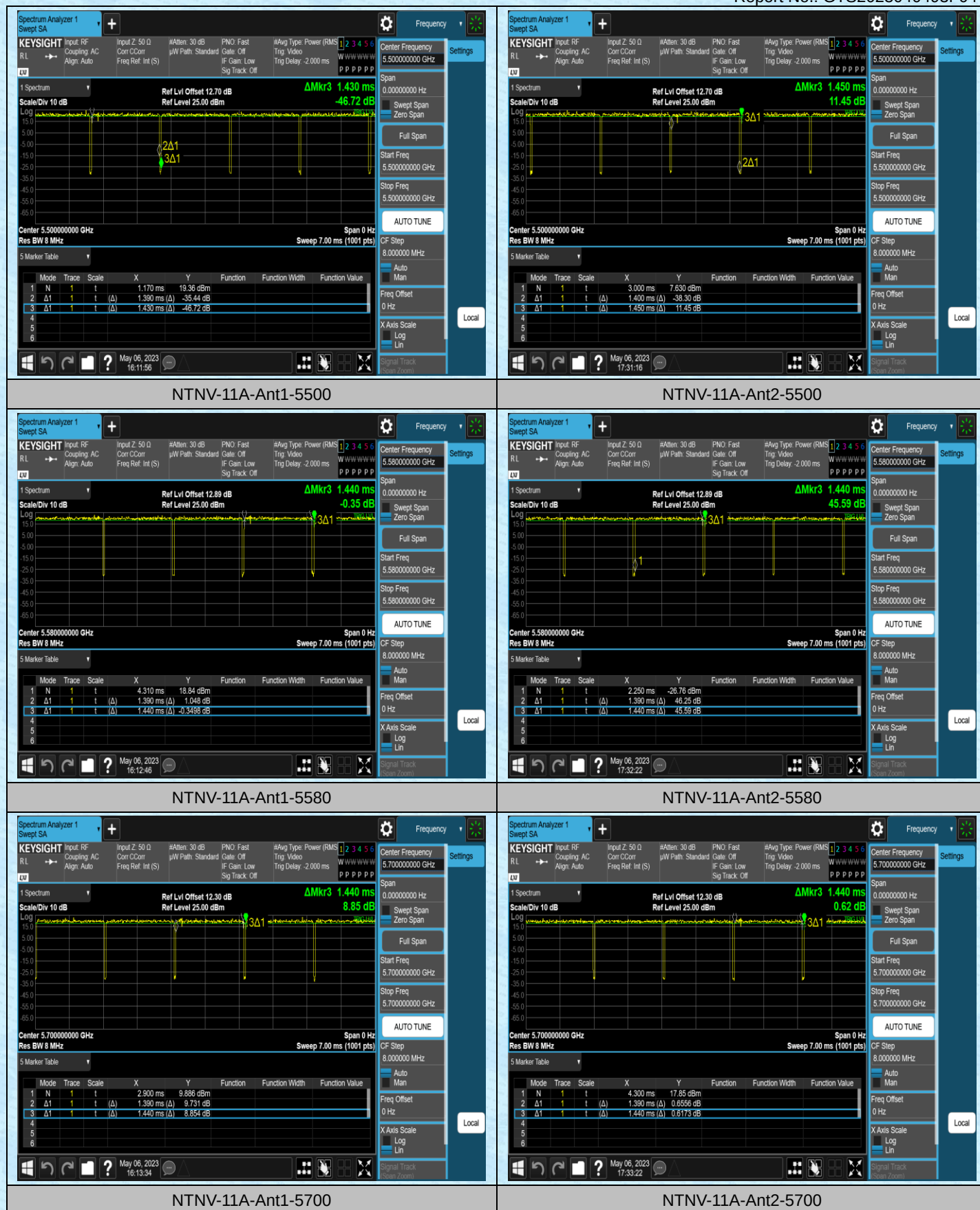
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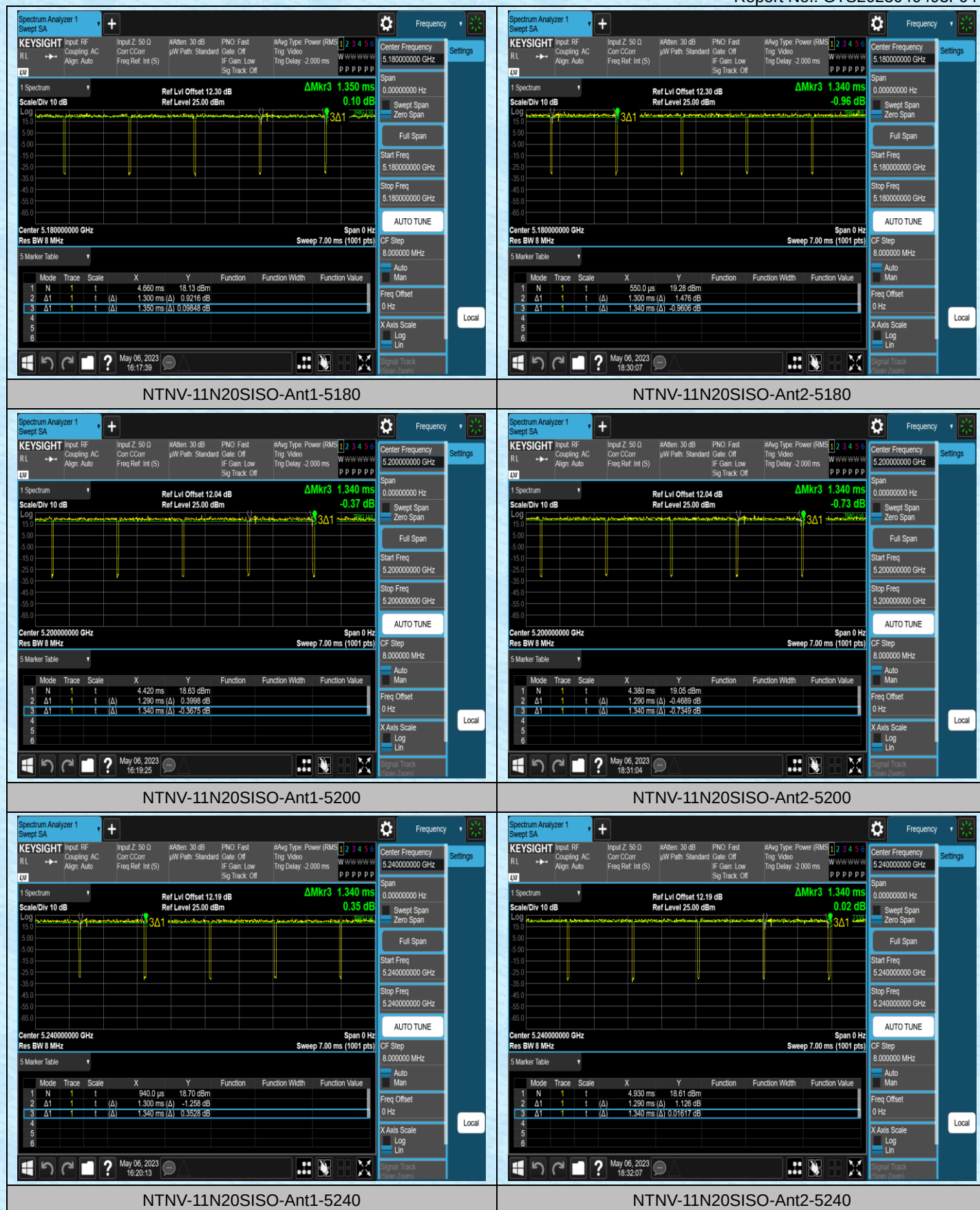


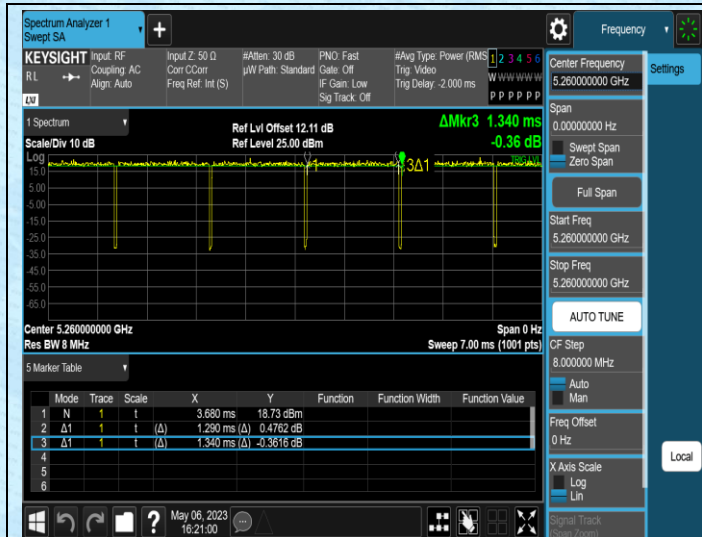
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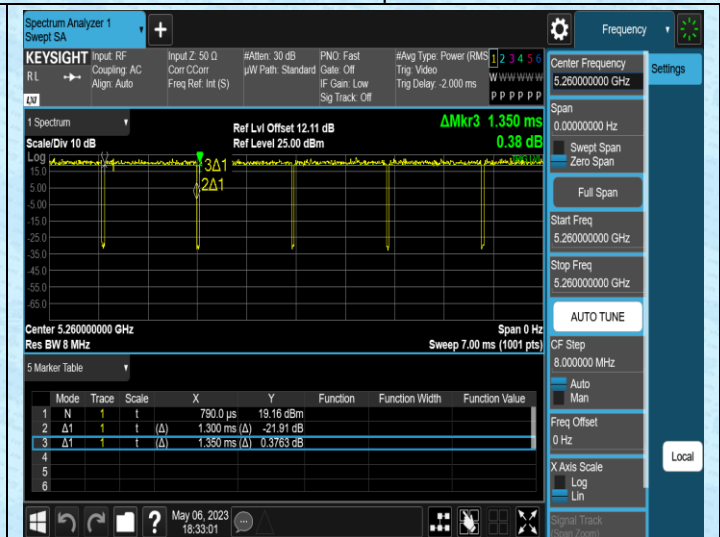
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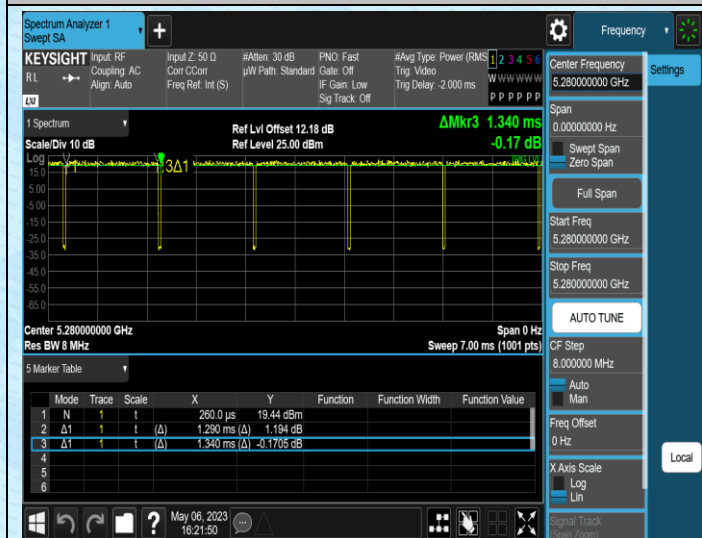




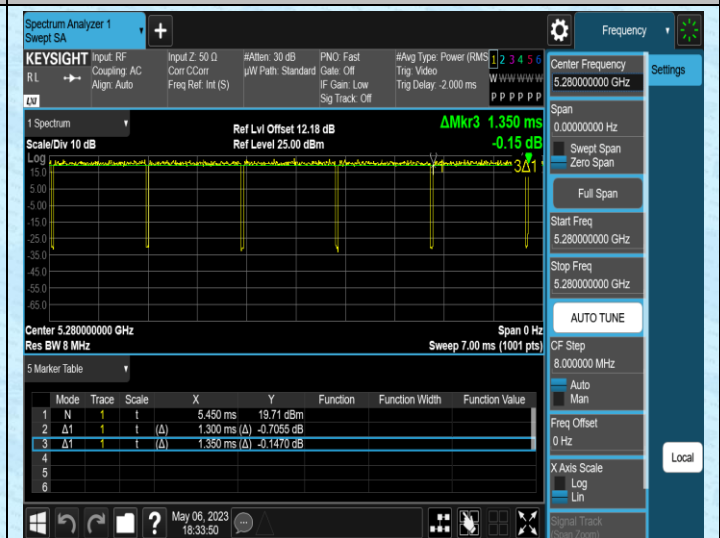
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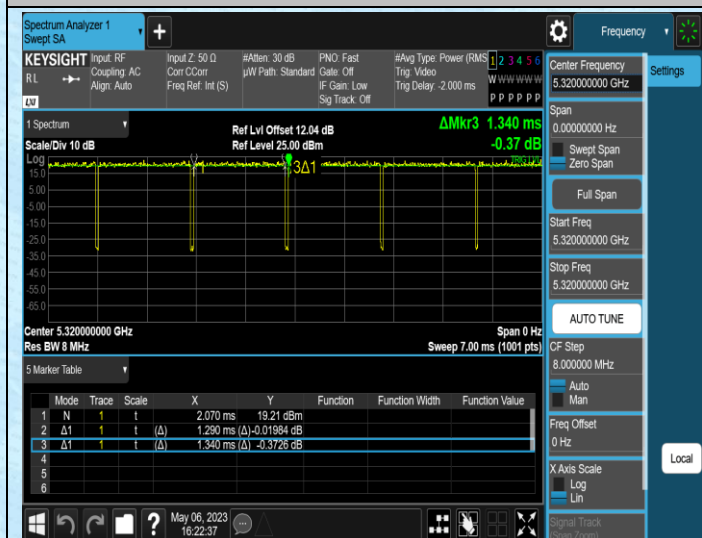
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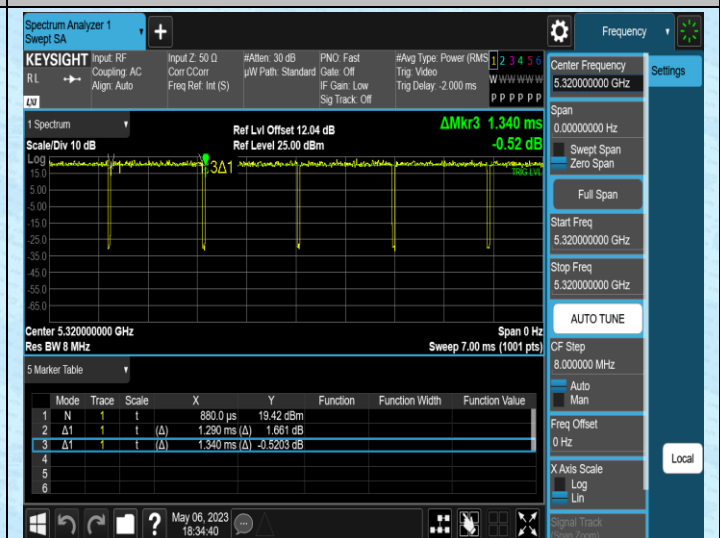
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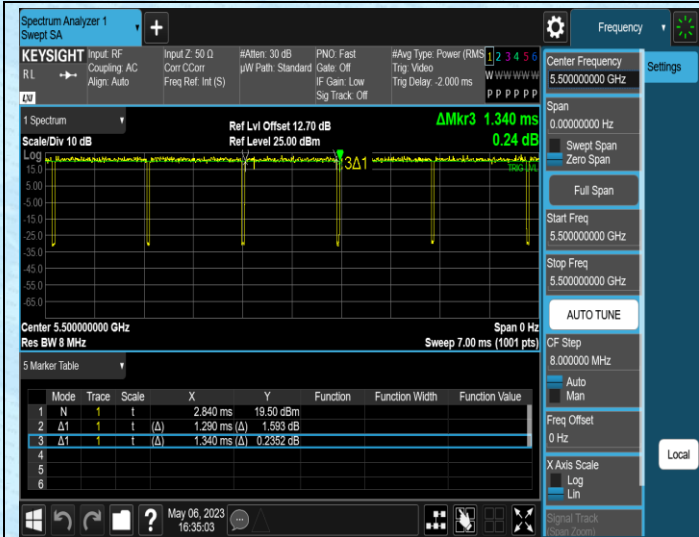
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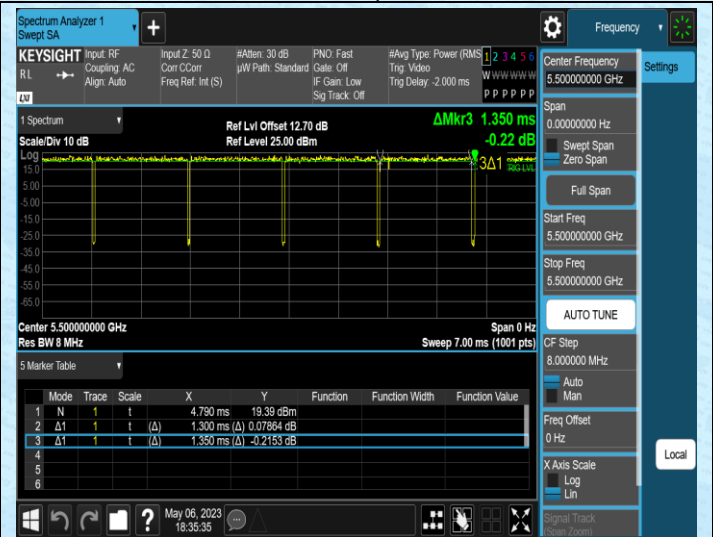
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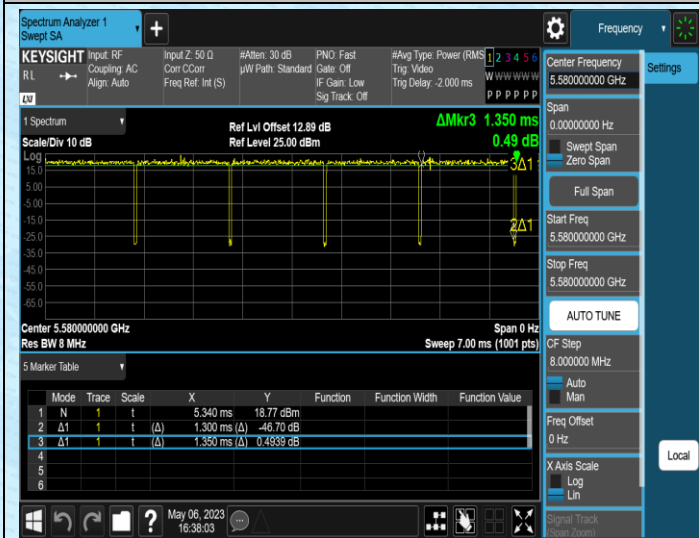
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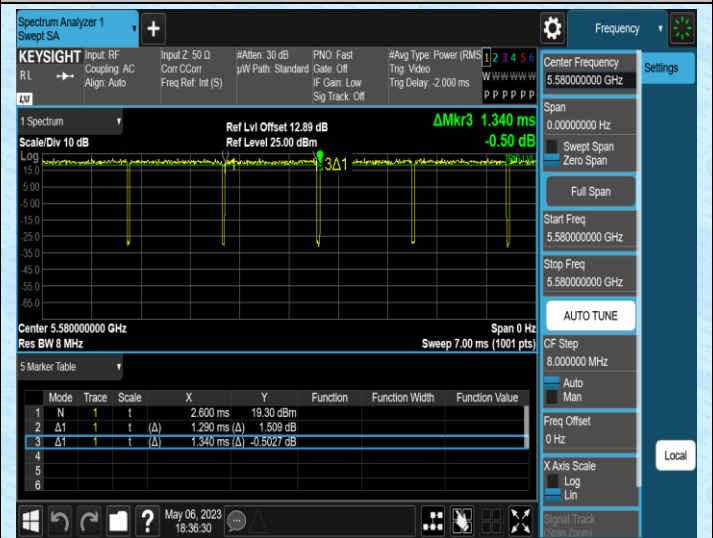
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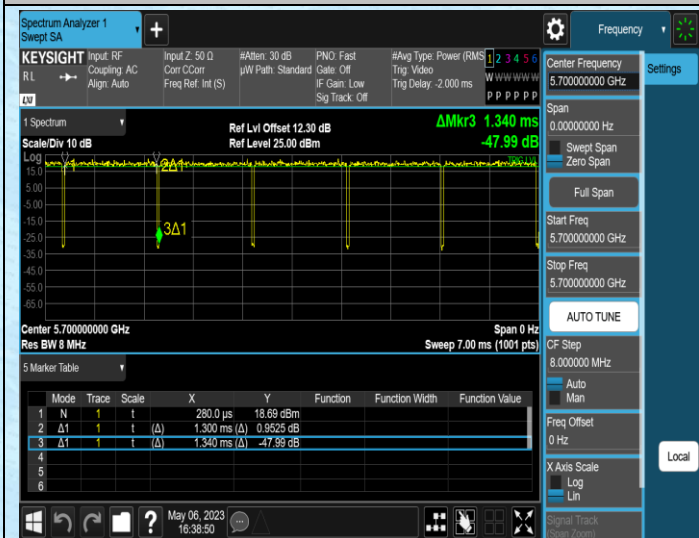
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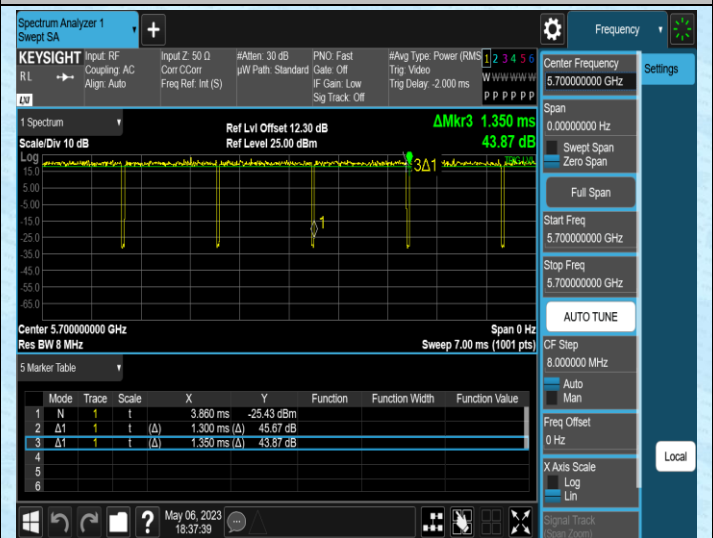
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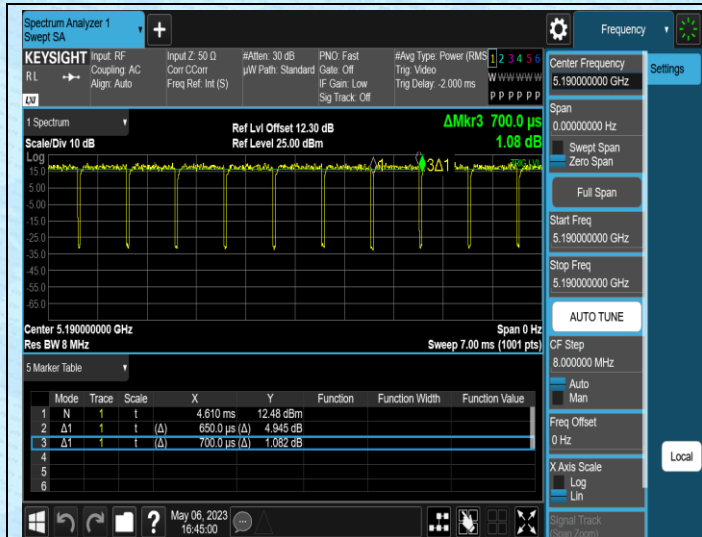
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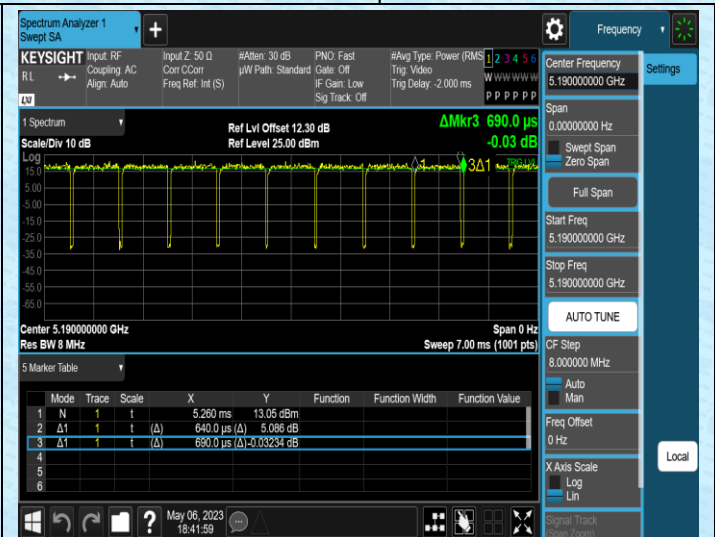
NTNV-11N20SISO-Ant1-5700



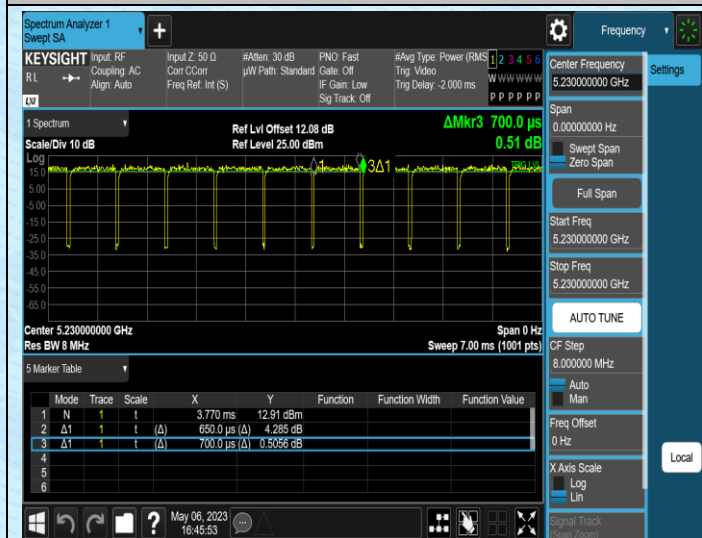
NTNV-11N20SISO-Ant2-5700



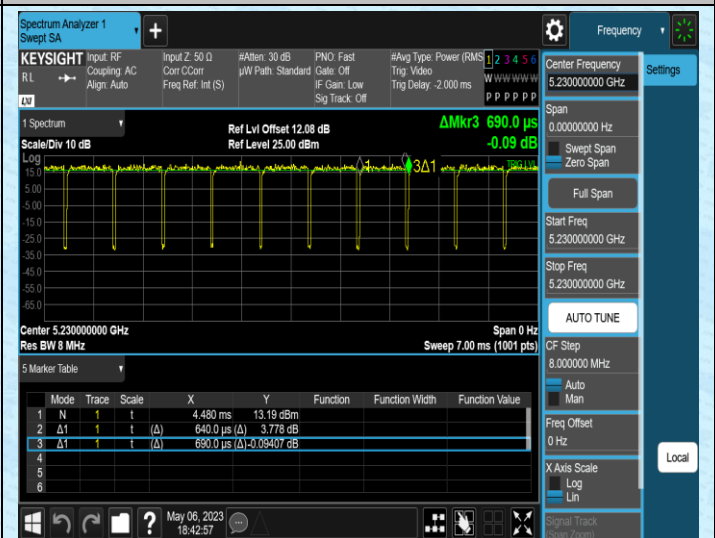
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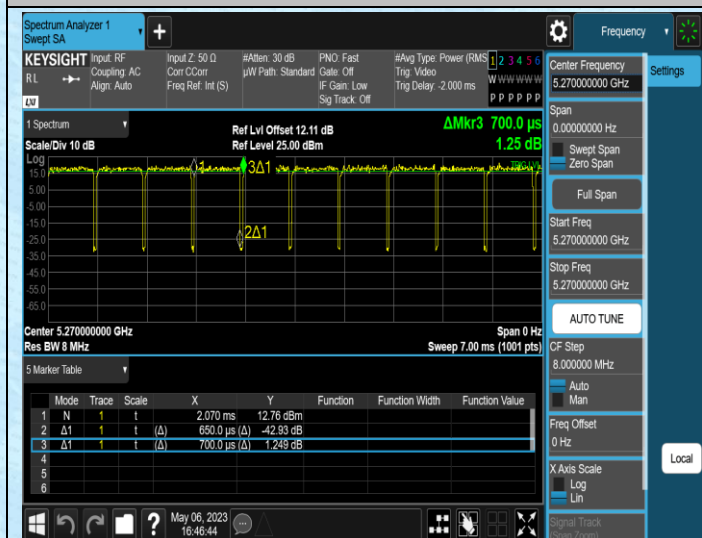
NTNV-11N40SISO-Ant2-5190



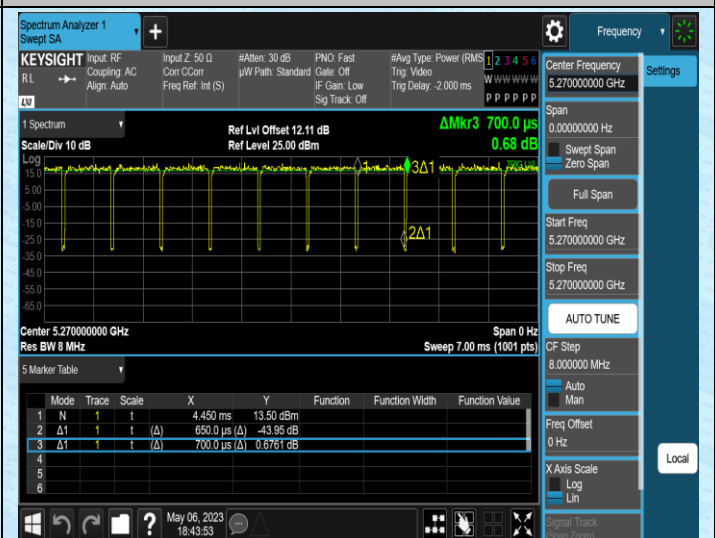
NTNV-11N40SISO-Ant1-5230



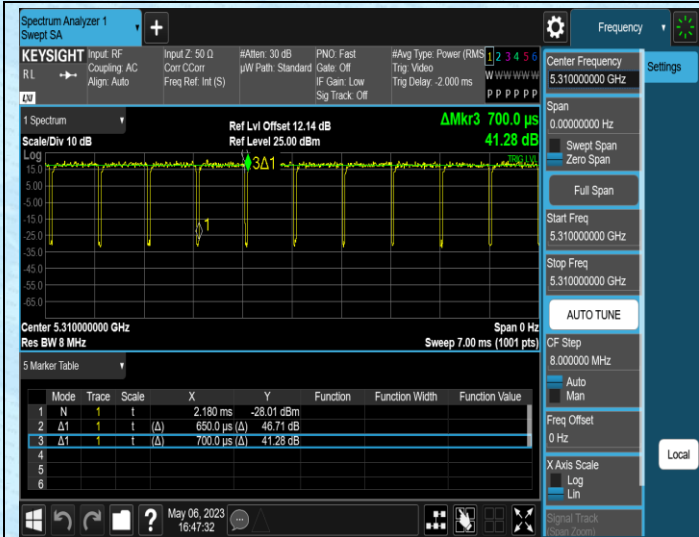
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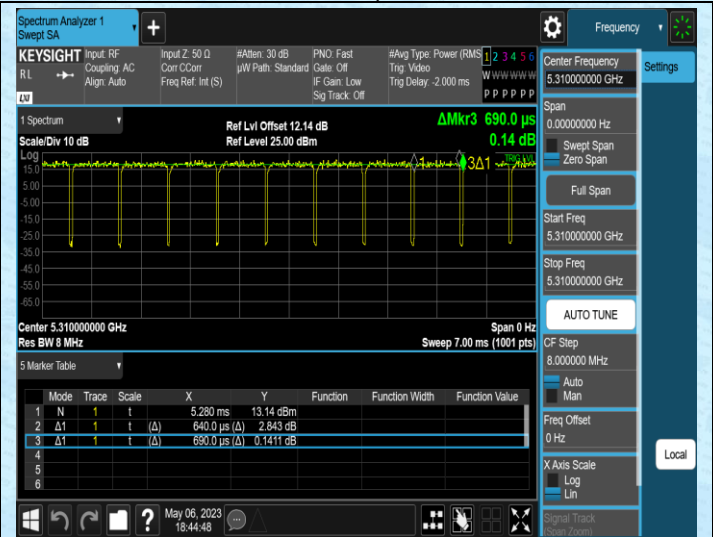
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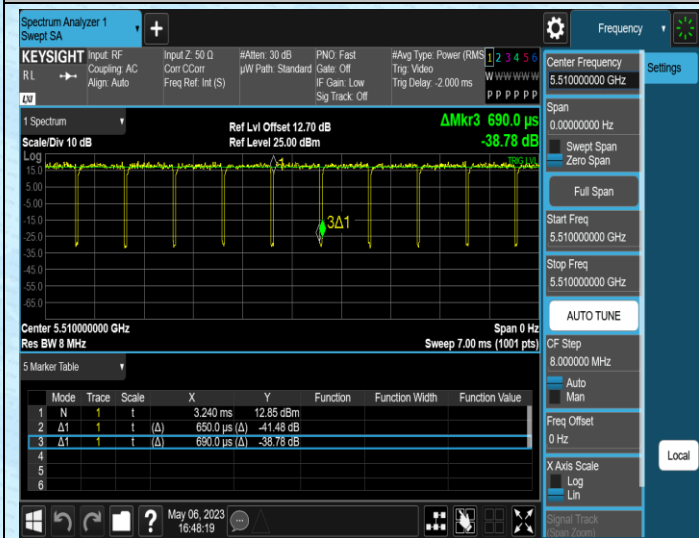
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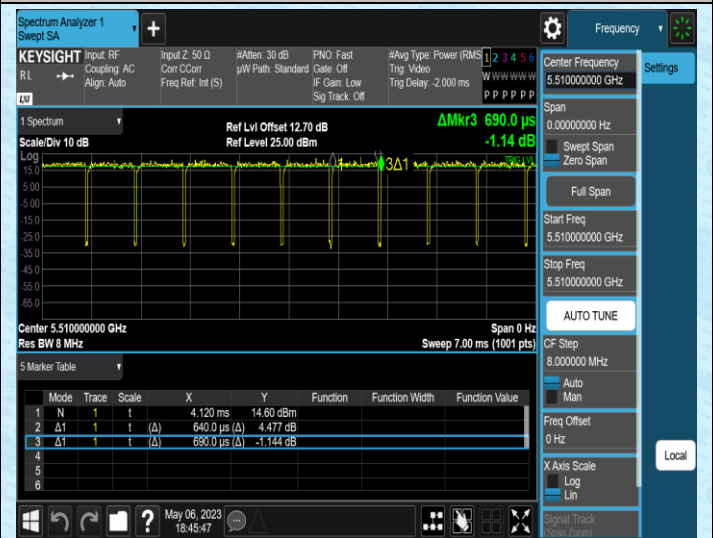
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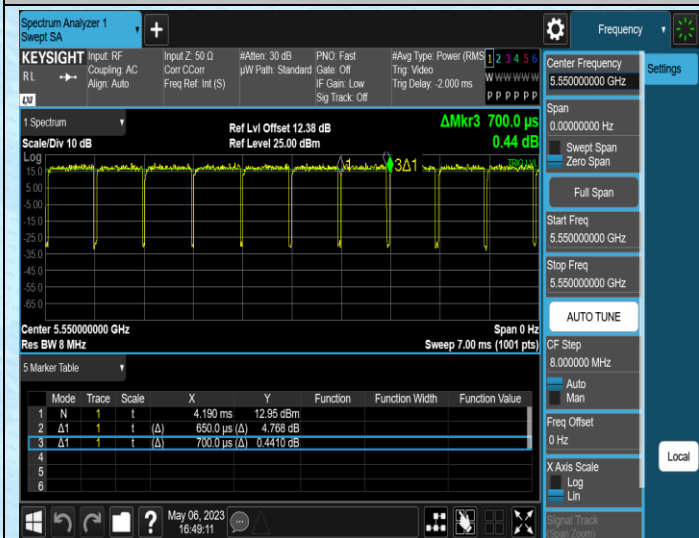
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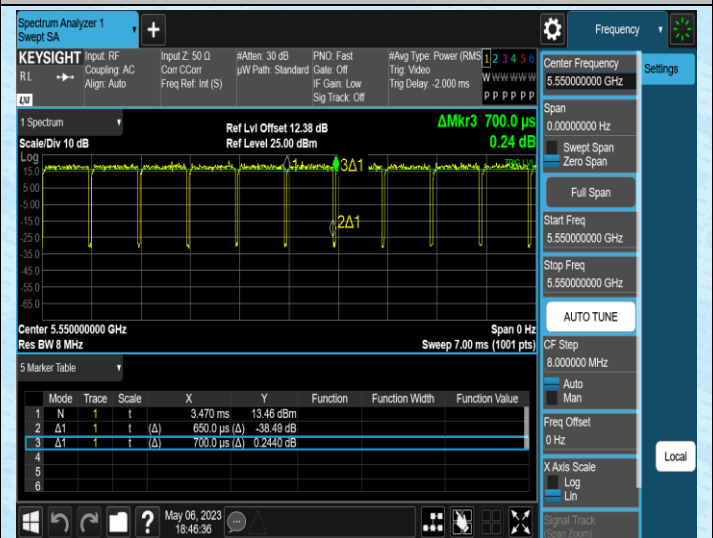
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NTNV-11N40SISO-Ant2-5510



NTNV-11N40SISO-Ant1-5550



NTNV-11N40SISO-Ant2-5550