

Appendix B: Duty Cycle

Ant 1

Test Result

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A	Ant1	5180	1.39	1.45	95.86
11A	Ant1	5200	1.39	1.45	95.86
11A	Ant1	5240	1.40	1.45	96.55
11A	Ant1	5260	1.39	1.45	95.86
11A	Ant1	5280	1.40	1.46	95.89
11A	Ant1	5320	1.40	1.45	96.55
11A	Ant1	5500	1.40	1.45	96.55
11A	Ant1	5580	1.40	1.45	96.55
11A	Ant1	5700	1.39	1.45	95.86
11A	Ant1	5745	1.39	1.45	95.86
11A	Ant1	5785	1.39	1.45	95.86
11A	Ant1	5825	1.40	1.46	95.89
11N20SISO	Ant1	5180	1.31	1.36	96.32
11N20SISO	Ant1	5200	1.31	1.36	96.32
11N20SISO	Ant1	5240	1.31	1.37	95.62
11N20SISO	Ant1	5260	1.31	1.36	96.32
11N20SISO	Ant1	5280	1.31	1.37	95.62
11N20SISO	Ant1	5320	1.31	1.37	95.62
11N20SISO	Ant1	5500	1.31	1.36	96.32
11N20SISO	Ant1	5580	1.31	1.36	96.32
11N20SISO	Ant1	5700	1.30	1.36	95.59
11N20SISO	Ant1	5745	0.17	0.22	77.27
11N20SISO	Ant1	5785	0.16	0.22	72.73
11N20SISO	Ant1	5825	0.17	0.22	77.27
11N40SISO	Ant1	5190	0.10	0.16	62.50
11N40SISO	Ant1	5230	0.10	0.16	62.50
11N40SISO	Ant1	5270	0.10	0.16	62.50
11N40SISO	Ant1	5310	0.09	0.15	60.00
11N40SISO	Ant1	5510	0.10	0.16	62.50
11N40SISO	Ant1	5550	0.10	0.16	62.50
11N40SISO	Ant1	5670	0.10	0.16	62.50
11N40SISO	Ant1	5755	0.10	0.16	62.50
11N40SISO	Ant1	5795	0.10	0.16	62.50
11AC20SISO	Ant1	5180	1.29	1.35	95.56
11AC20SISO	Ant1	5200	1.29	1.35	95.56
11AC20SISO	Ant1	5240	1.30	1.36	95.59

11AC20SISO	Ant1	5260	1.29	1.35	95.56
11AC20SISO	Ant1	5280	1.29	1.35	95.56
11AC20SISO	Ant1	5320	1.30	1.35	96.30
11AC20SISO	Ant1	5500	1.30	1.35	96.30
11AC20SISO	Ant1	5580	1.29	1.35	95.56
11AC20SISO	Ant1	5700	1.30	1.35	96.30
11AC20SISO	Ant1	5745	1.30	1.36	95.59
11AC20SISO	Ant1	5785	1.30	1.36	95.59
11AC20SISO	Ant1	5825	1.30	1.35	96.30
11AC40SISO	Ant1	5190	0.63	0.69	91.30
11AC40SISO	Ant1	5230	0.63	0.84	75.00
11AC40SISO	Ant1	5270	0.64	0.85	75.29
11AC40SISO	Ant1	5310	0.64	0.85	75.29
11AC40SISO	Ant1	5510	0.64	0.85	75.29
11AC40SISO	Ant1	5550	0.64	0.85	75.29
11AC40SISO	Ant1	5670	0.64	0.85	75.29
11AC40SISO	Ant1	5755	0.64	0.85	75.29
11AC40SISO	Ant1	5795	0.64	0.85	75.29
11AC80SISO	Ant1	5210	0.02	0.09	22.22
11AC80SISO	Ant1	5290	0.02	0.09	22.22
11AC80SISO	Ant1	5530	0.02	0.09	22.22
11AC80SISO	Ant1	5610	0.02	0.09	22.22
11AC80SISO	Ant1	5775	0.02	0.09	22.22
11AC160SISO	Ant1	5250	0.02	0.09	22.22
11AC160SISO	Ant1	5570	0.02	0.09	22.22
11AX20SISO	Ant1	5180	0.48	0.69	69.57
11AX20SISO	Ant1	5200	0.48	0.69	69.57
11AX20SISO	Ant1	5240	0.48	0.69	69.57
11AX20SISO	Ant1	5260	0.48	0.69	69.57
11AX20SISO	Ant1	5280	0.48	0.69	69.57
11AX20SISO	Ant1	5320	0.48	0.54	88.89
11AX20SISO	Ant1	5500	0.48	0.54	88.89
11AX20SISO	Ant1	5580	0.48	0.54	88.89
11AX20SISO	Ant1	5700	0.48	0.54	88.89
11AX20SISO	Ant1	5745	0.48	0.54	88.89
11AX20SISO	Ant1	5785	0.47	0.53	88.68
11AX20SISO	Ant1	5825	0.48	0.53	90.57
11AX40SISO	Ant1	5190	0.26	0.31	83.87
11AX40SISO	Ant1	5230	0.26	0.31	83.87
11AX40SISO	Ant1	5270	0.26	0.31	83.87
11AX40SISO	Ant1	5310	0.26	0.32	81.25
11AX40SISO	Ant1	5510	0.26	0.31	83.87
11AX40SISO	Ant1	5550	0.26	0.31	83.87

11AX40SISO	Ant1	5670	0.25	0.31	80.65
11AX40SISO	Ant1	5755	0.26	0.31	83.87
11AX40SISO	Ant1	5795	0.26	0.32	81.25
11AX80SISO	Ant1	5210	0.15	0.20	75.00
11AX80SISO	Ant1	5290	0.14	0.20	70.00
11AX80SISO	Ant1	5530	0.15	0.20	75.00
11AX80SISO	Ant1	5610	0.14	0.20	70.00
11AX80SISO	Ant1	5775	0.14	0.20	70.00
11AX160SISO	Ant1	5250	0.10	0.15	66.67
11AX160SISO	Ant1	5570	0.10	0.15	66.67

Test Graphs



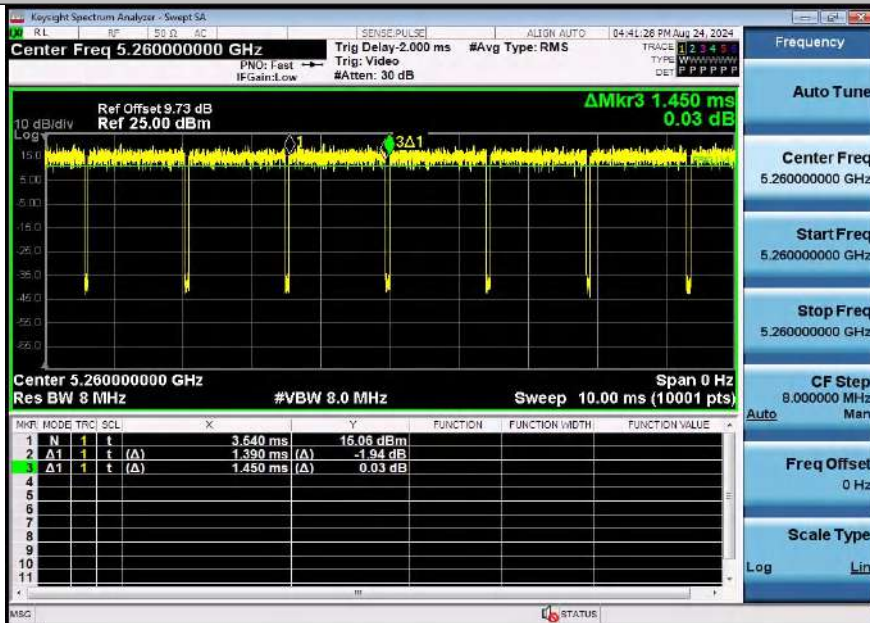
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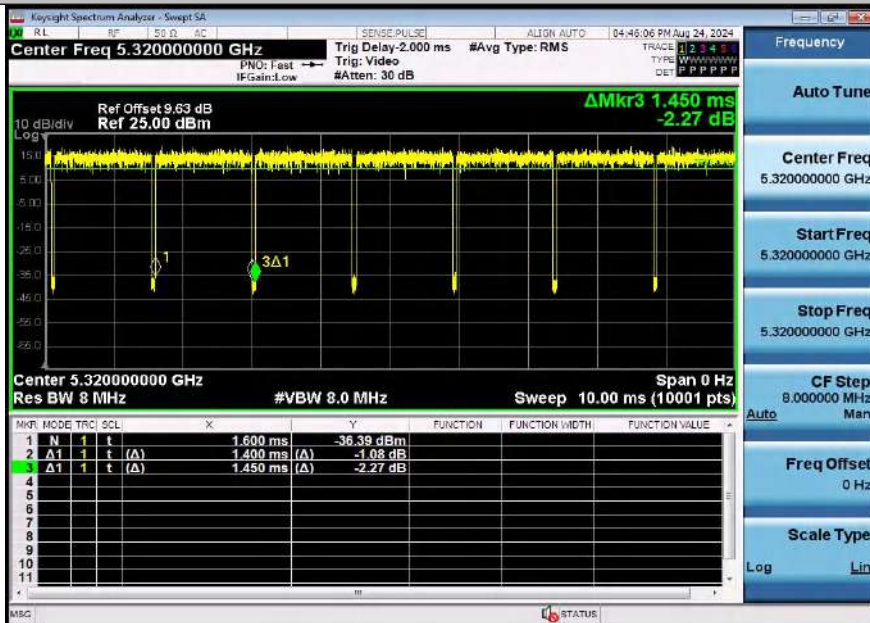
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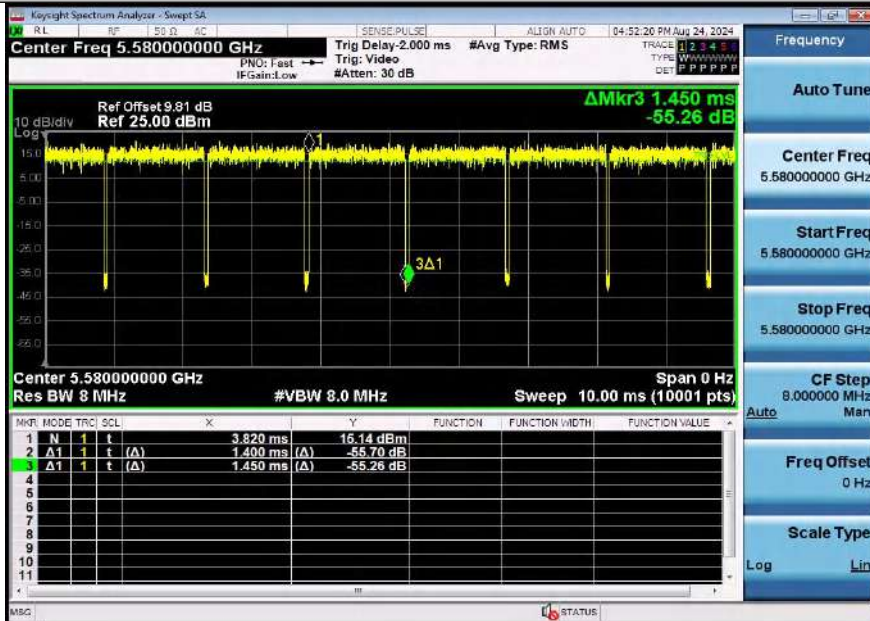


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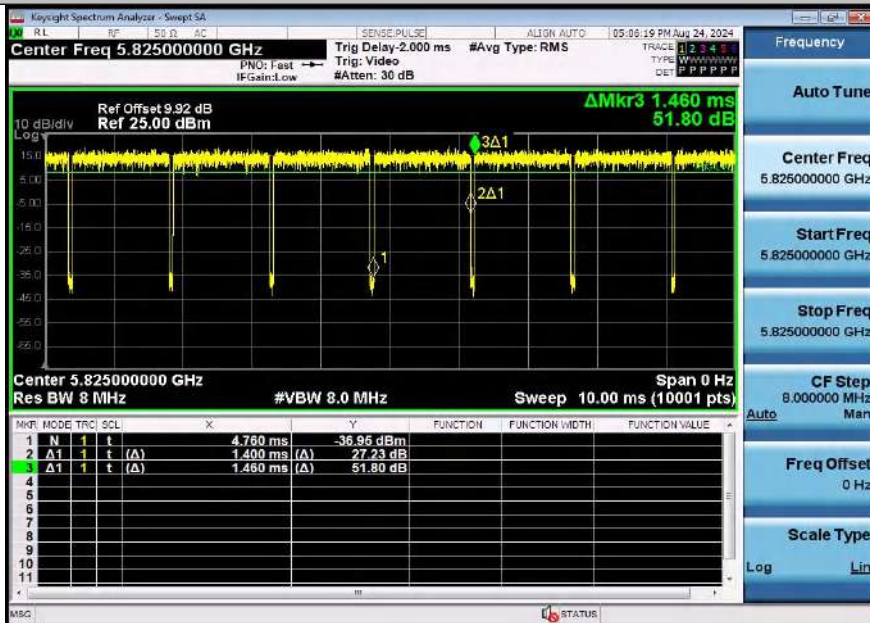
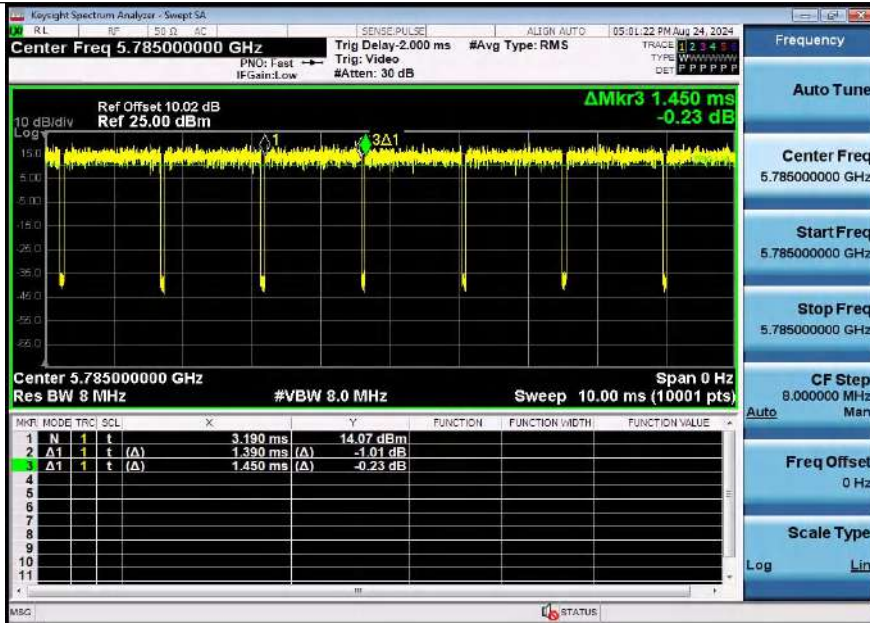
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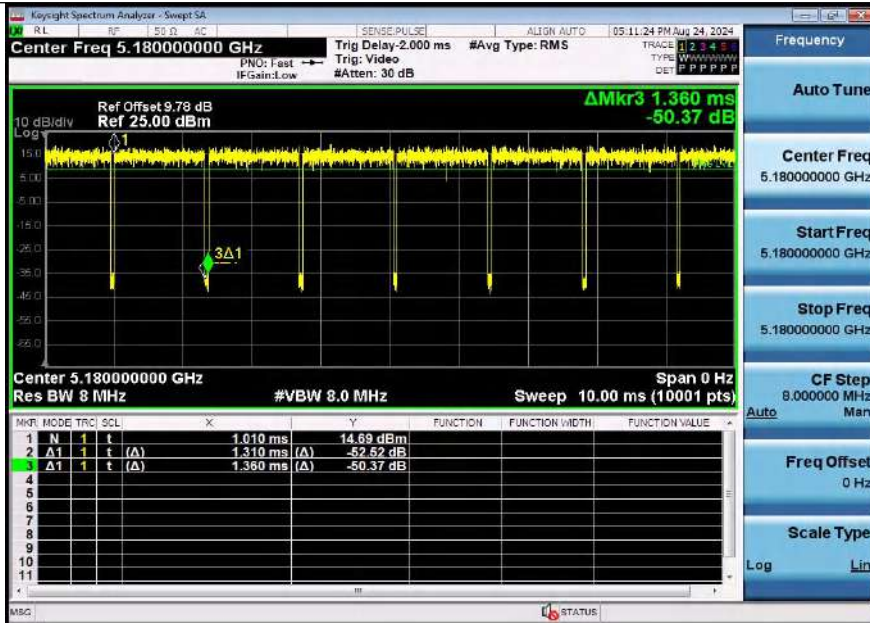


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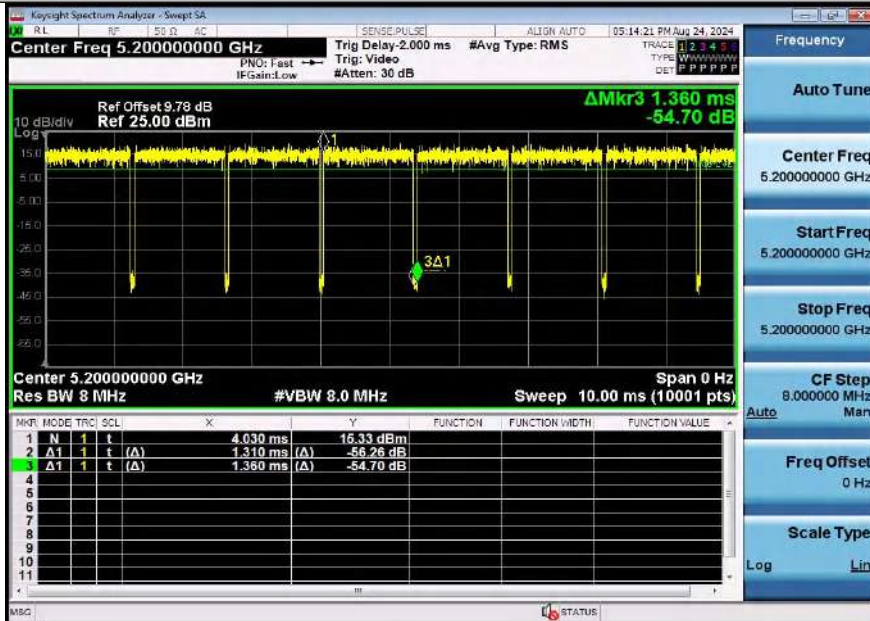


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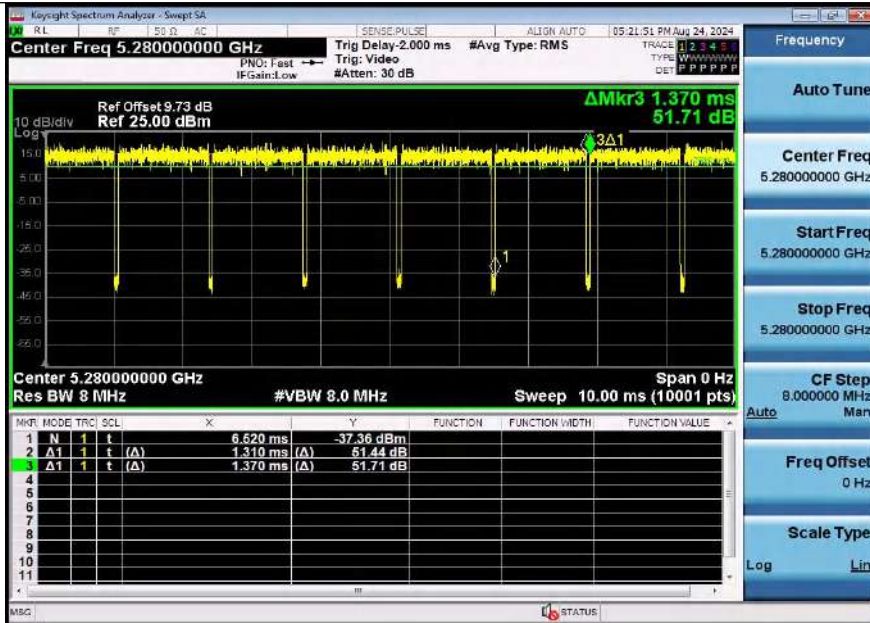
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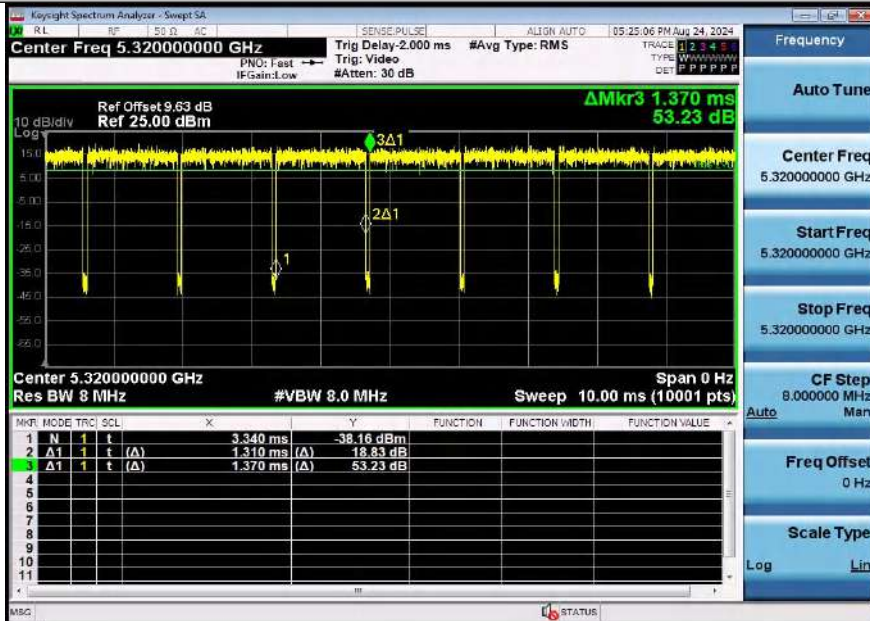
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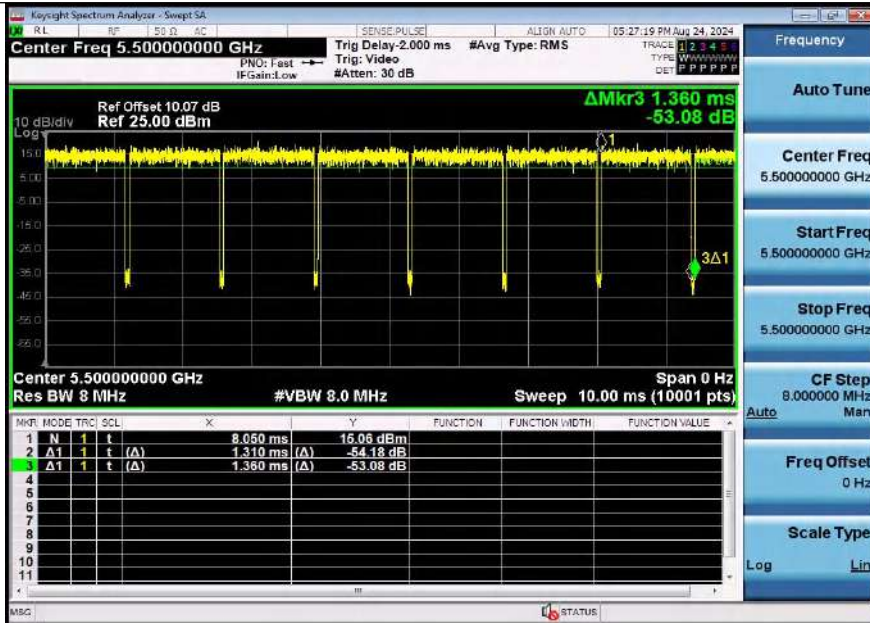
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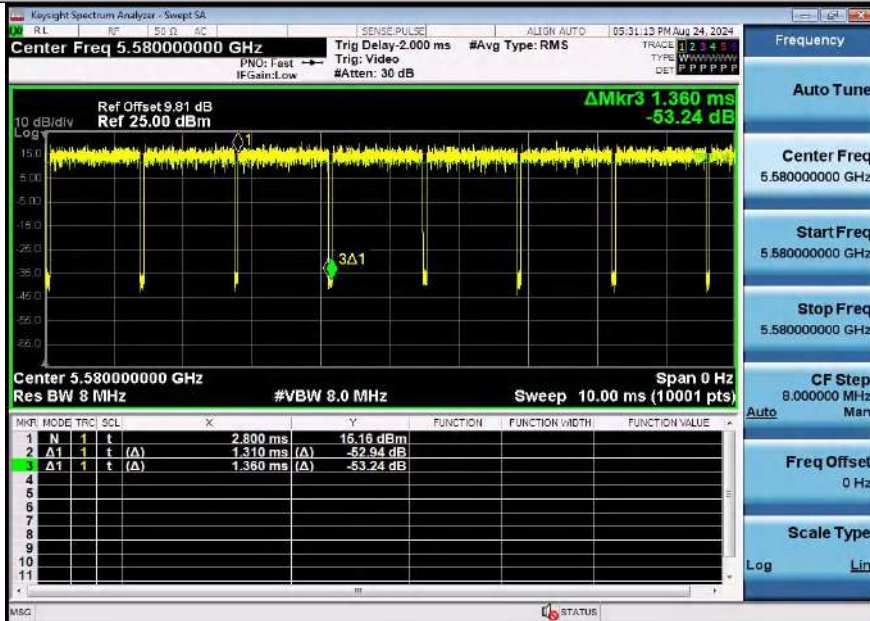
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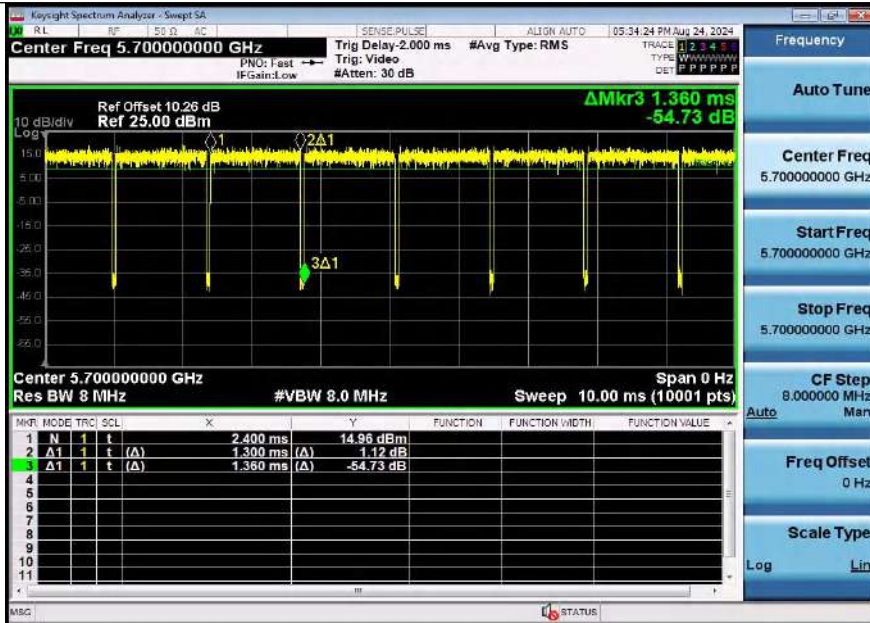
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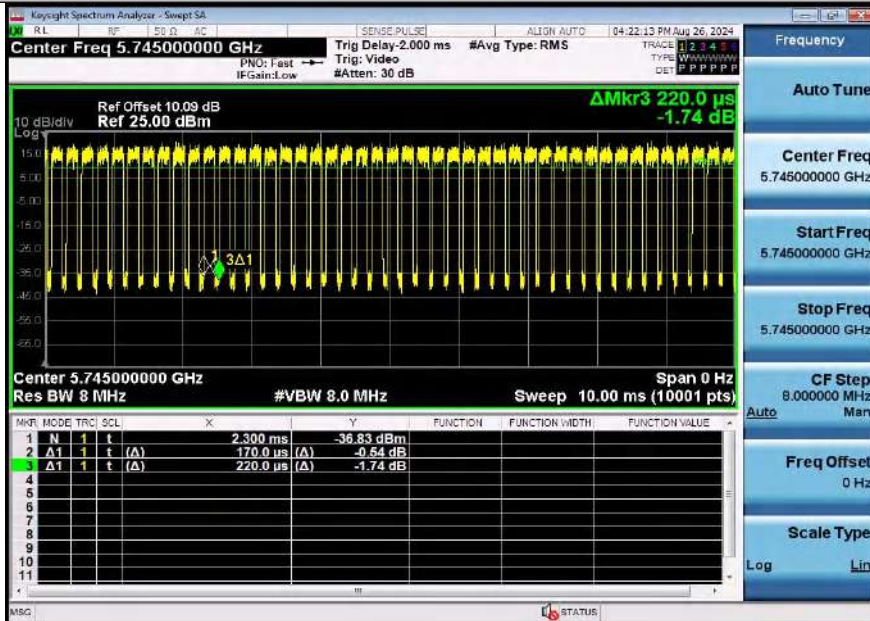
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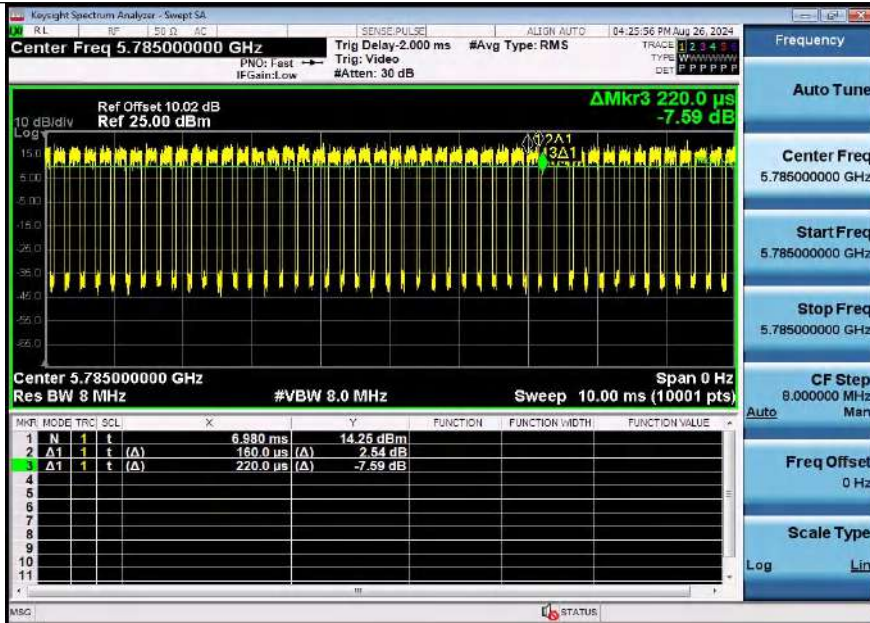
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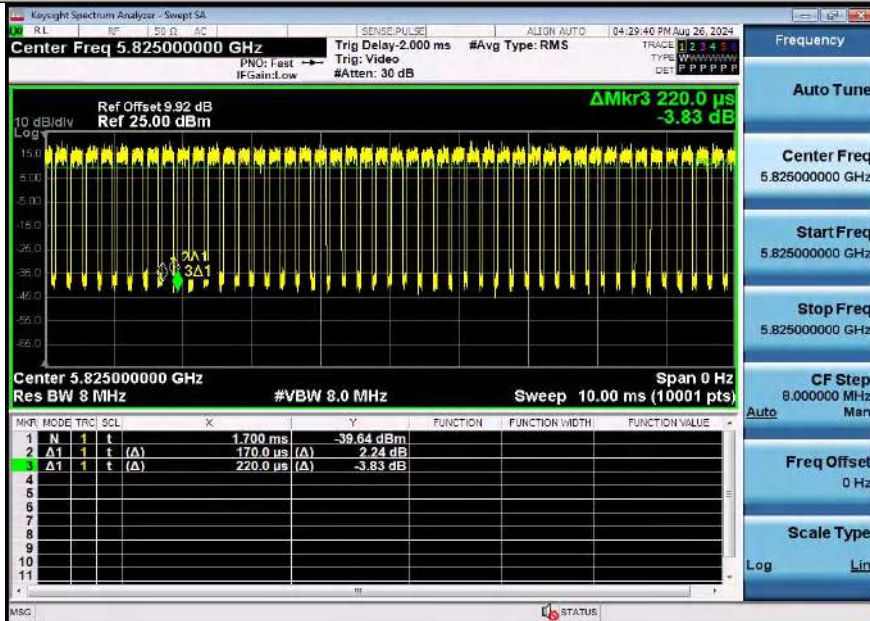
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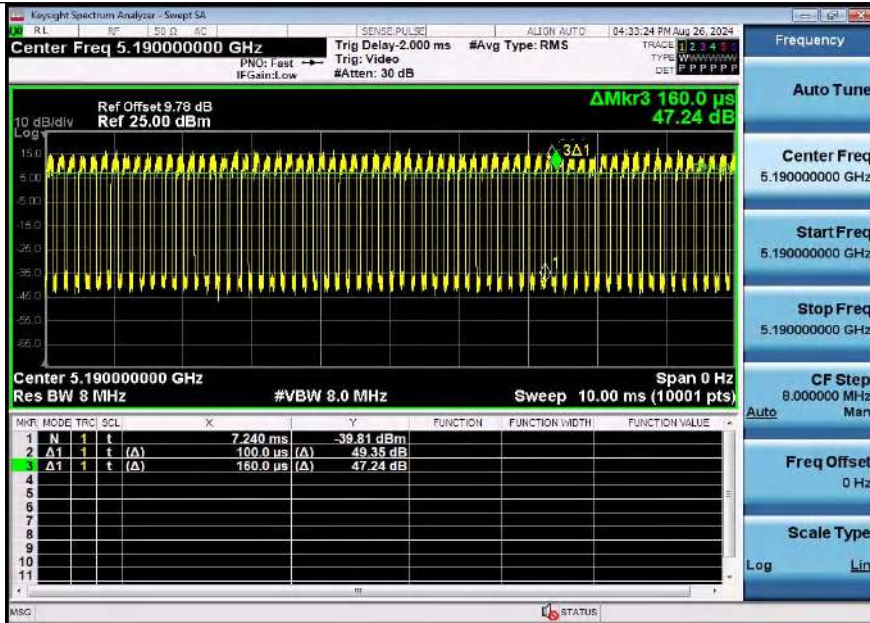
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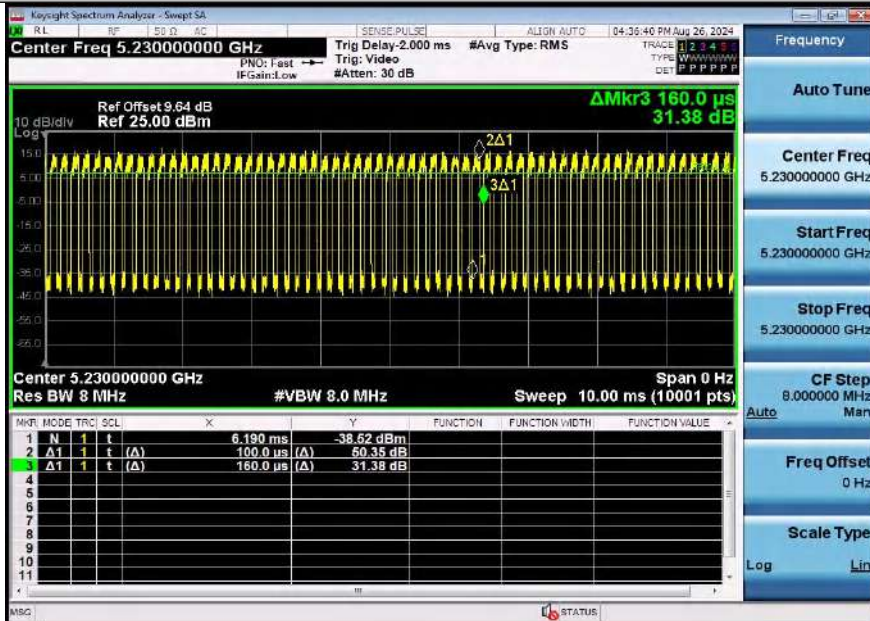
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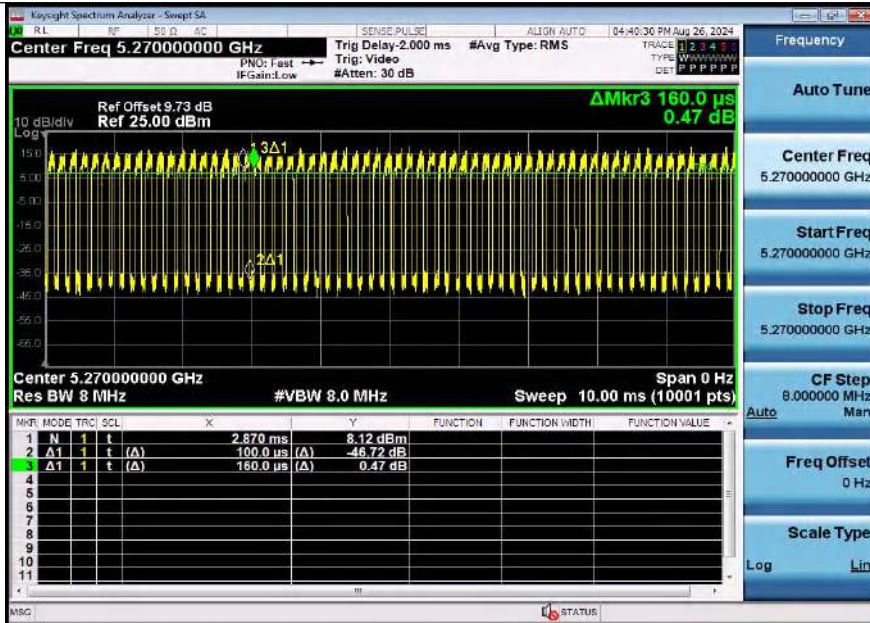
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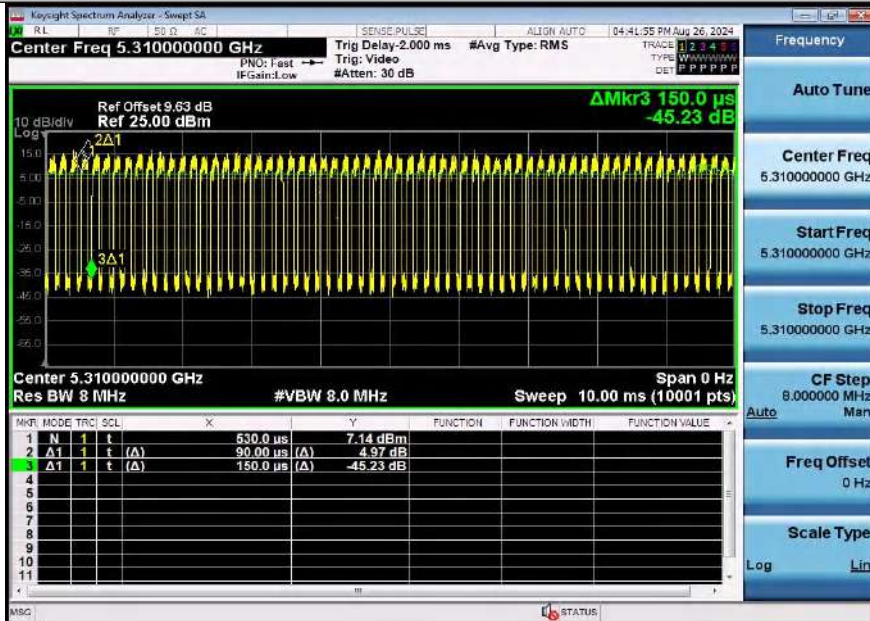
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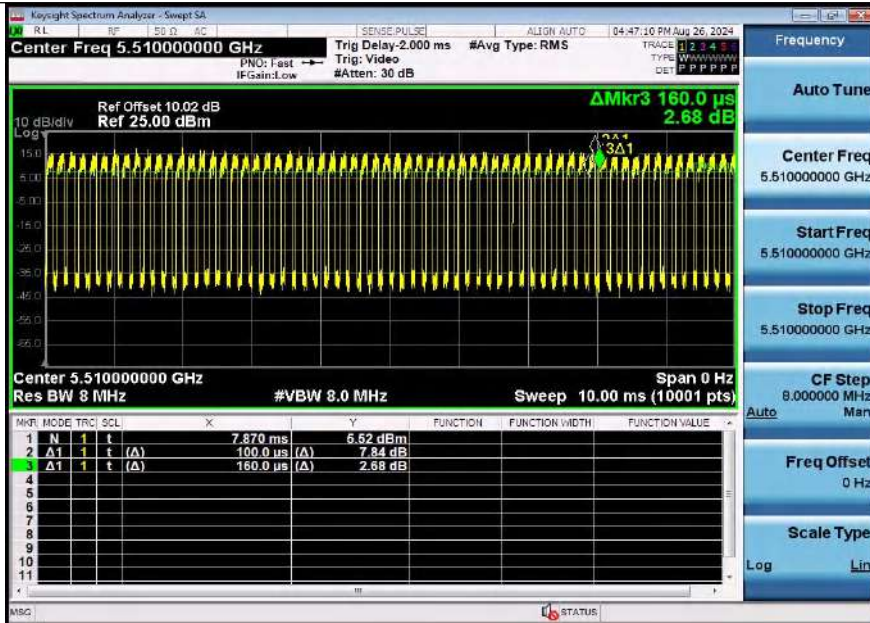
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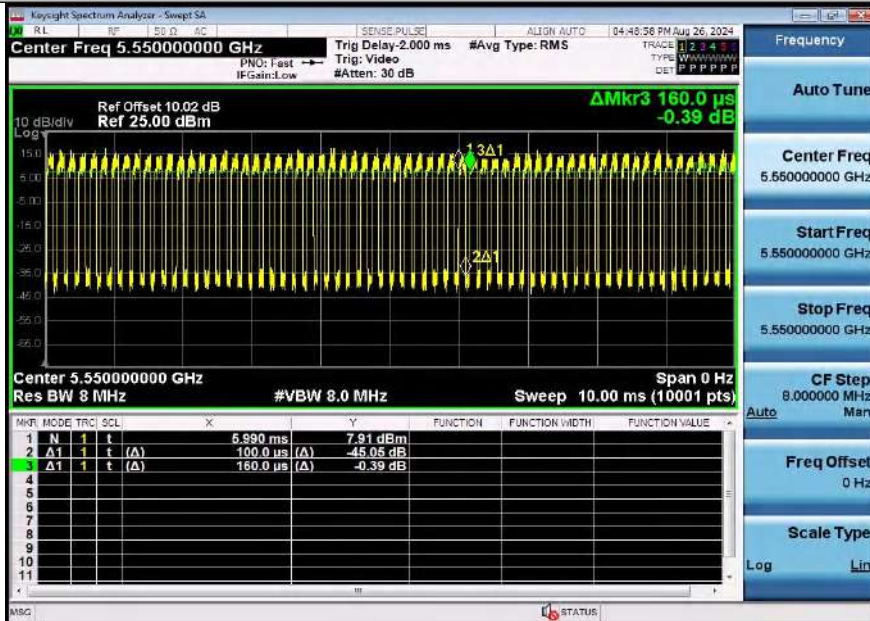
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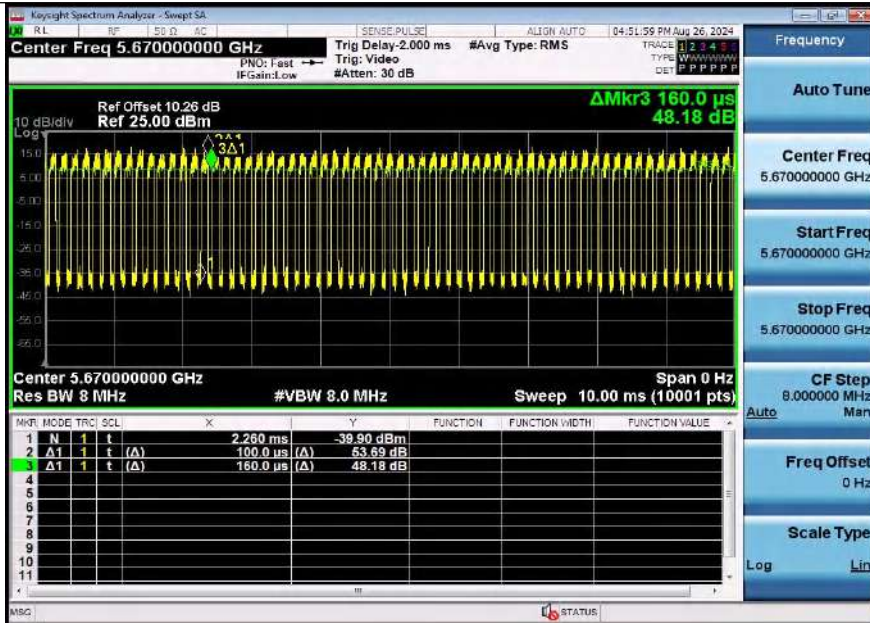
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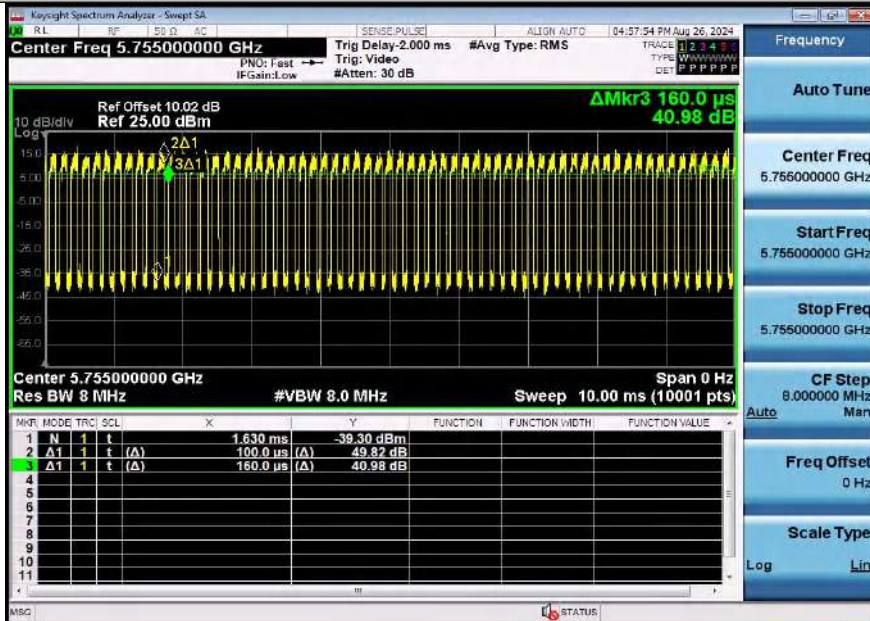
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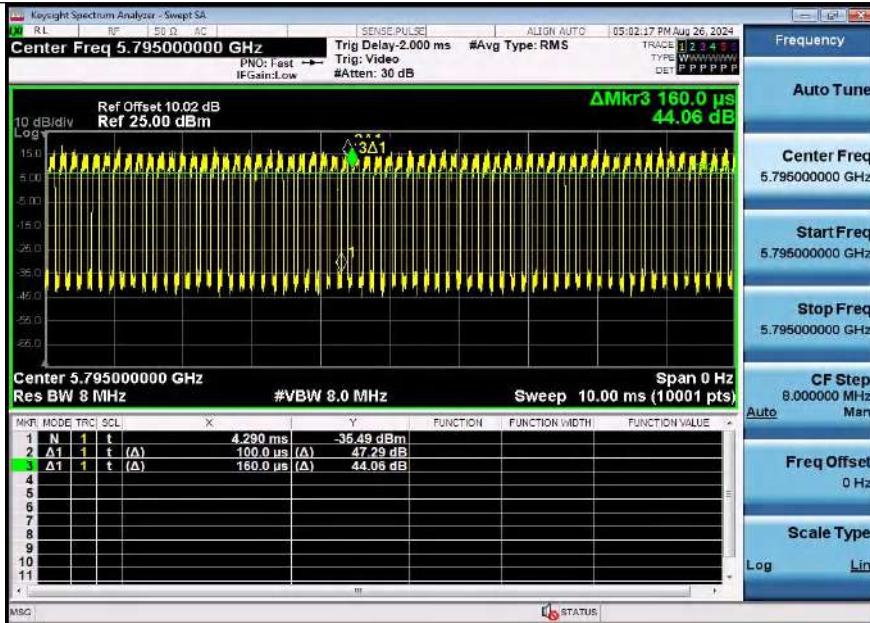
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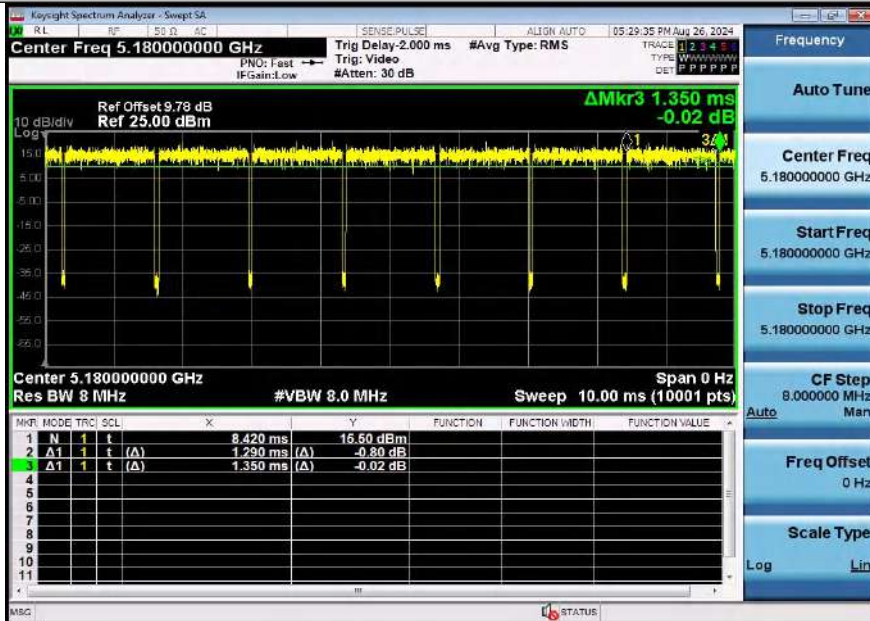
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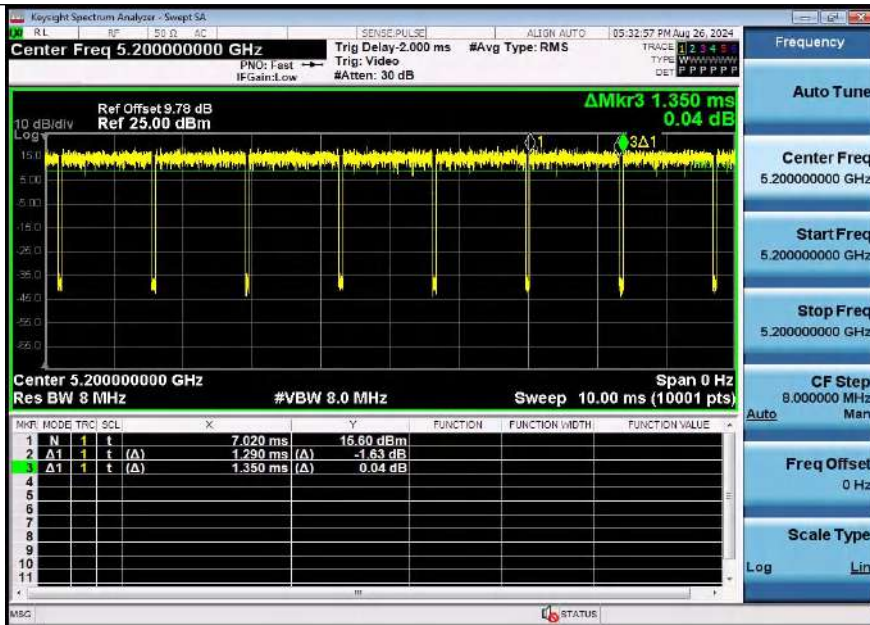
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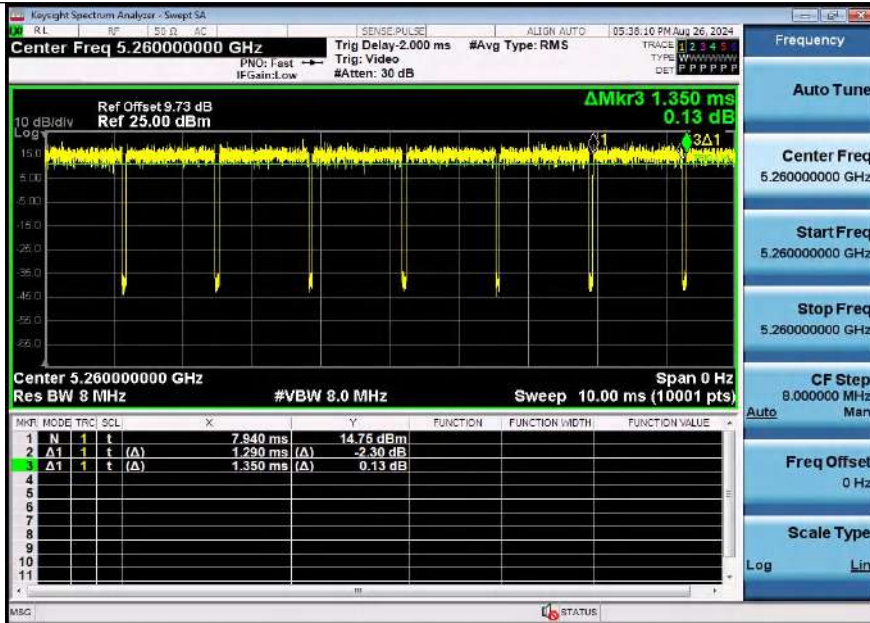
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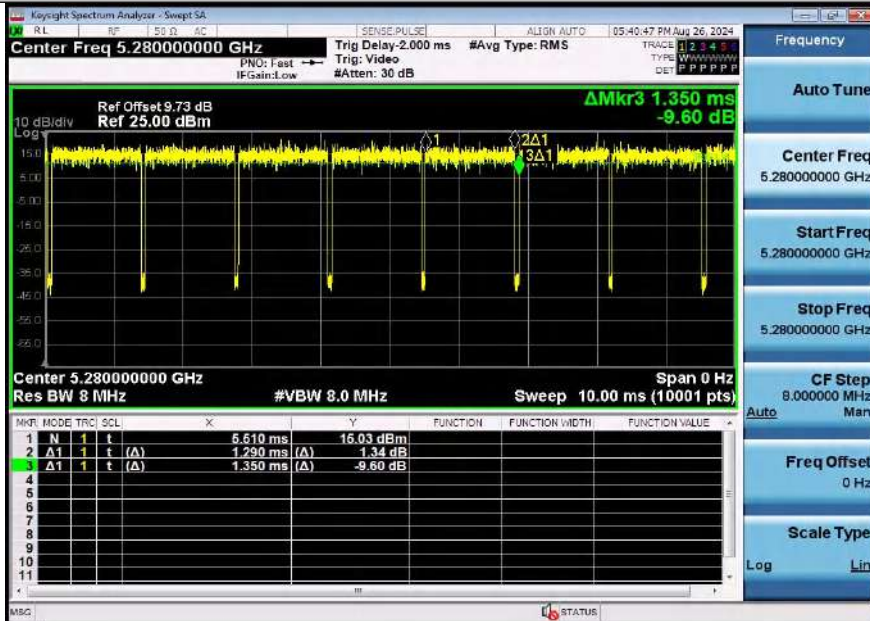
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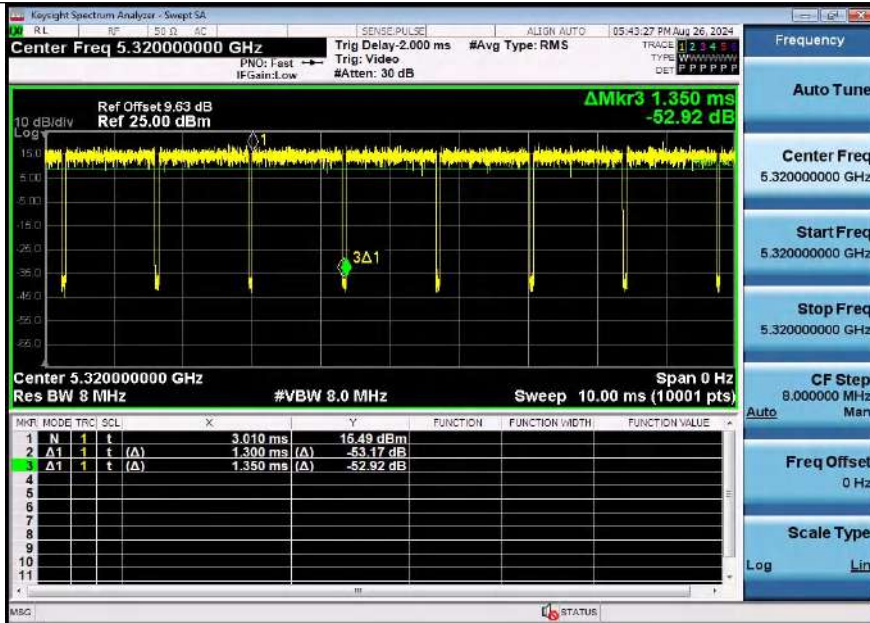
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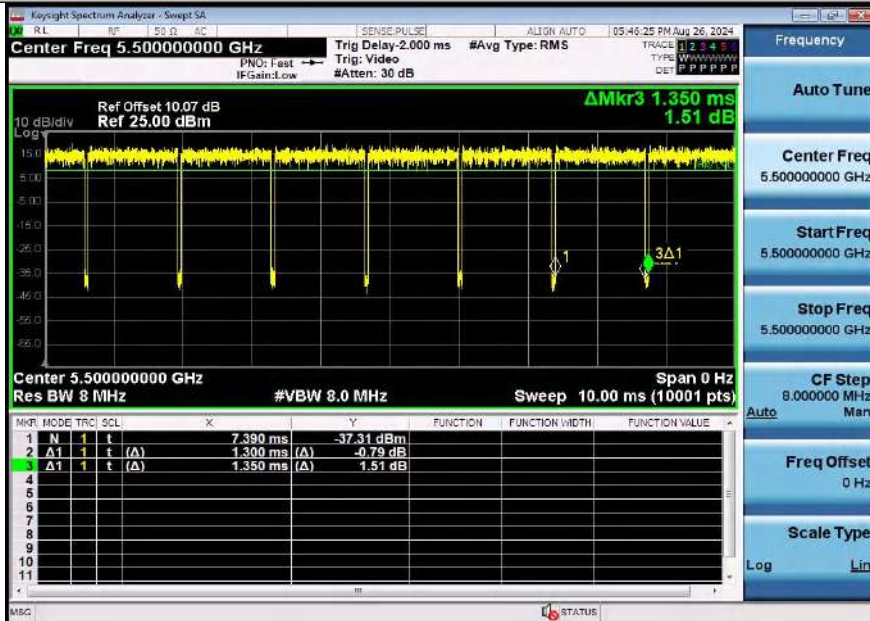
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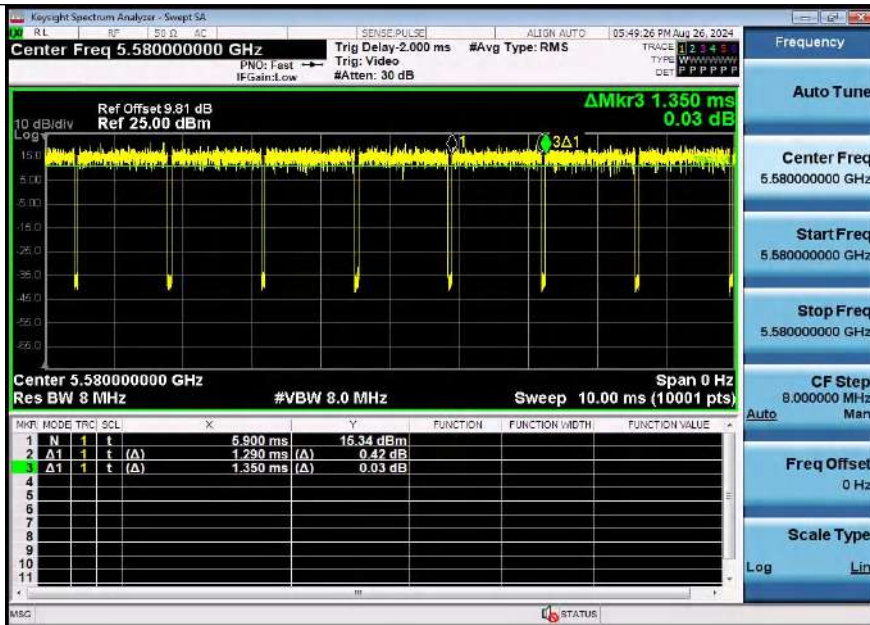
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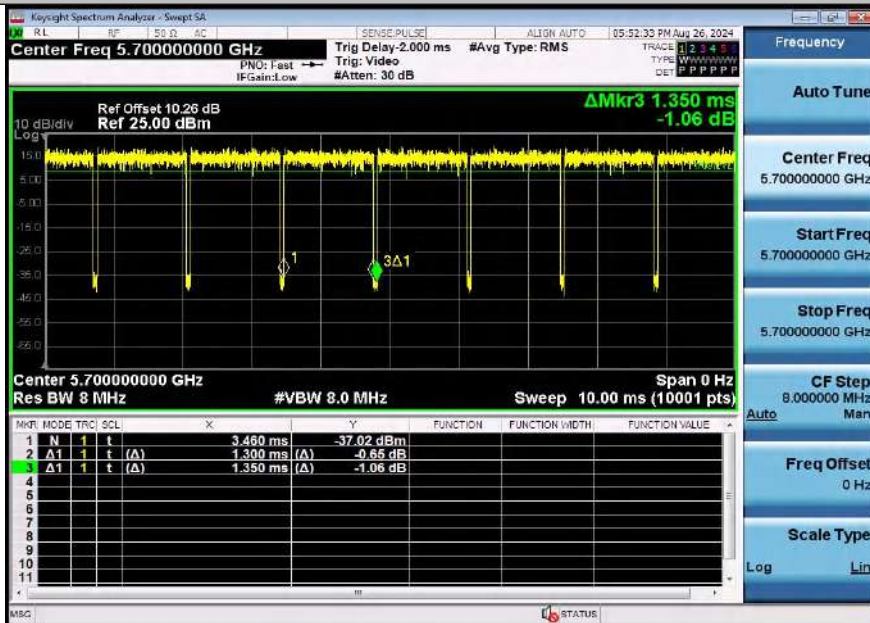
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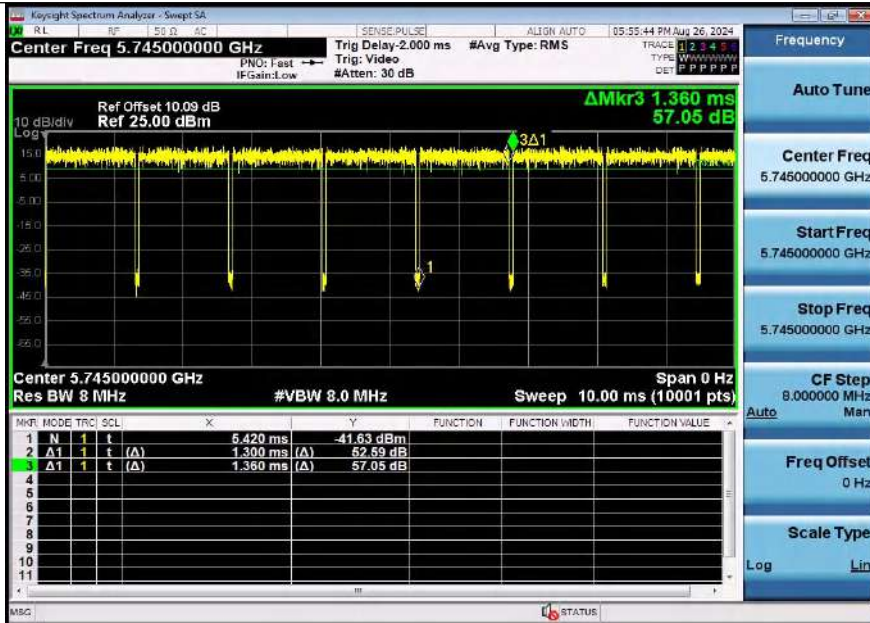
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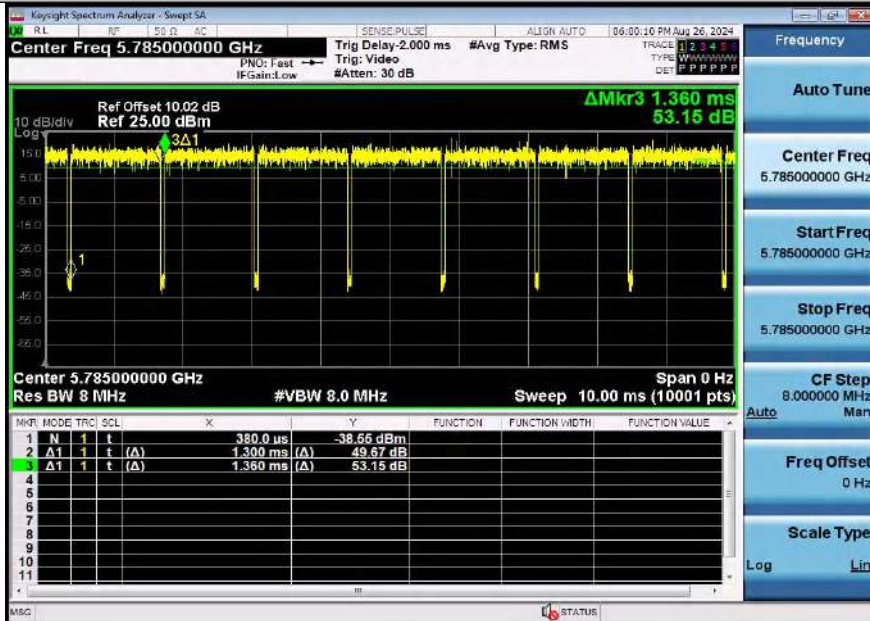
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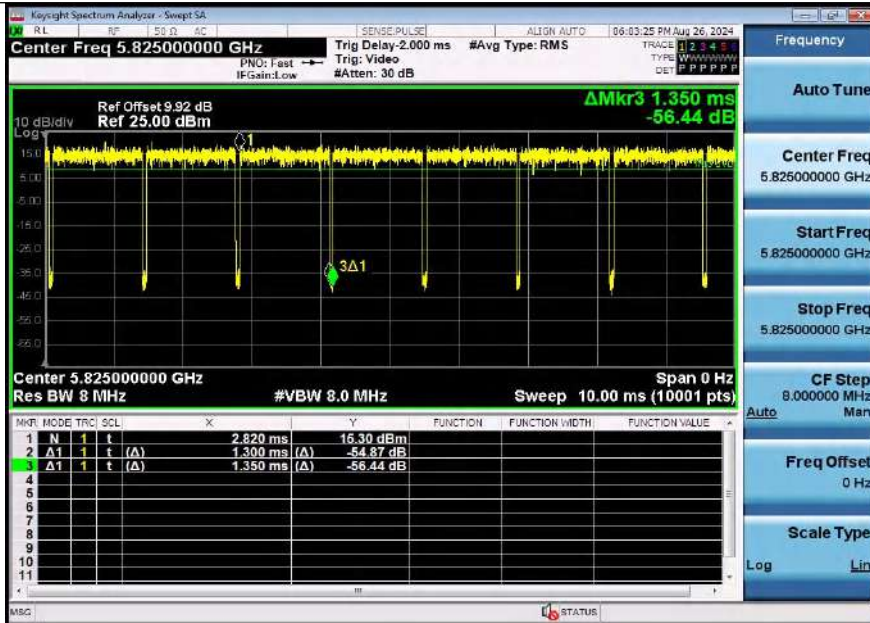
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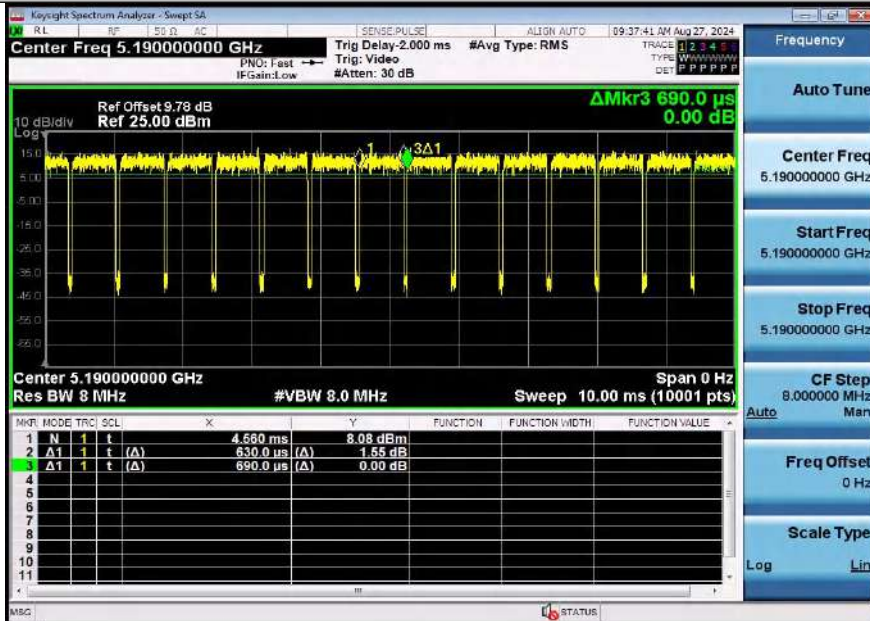
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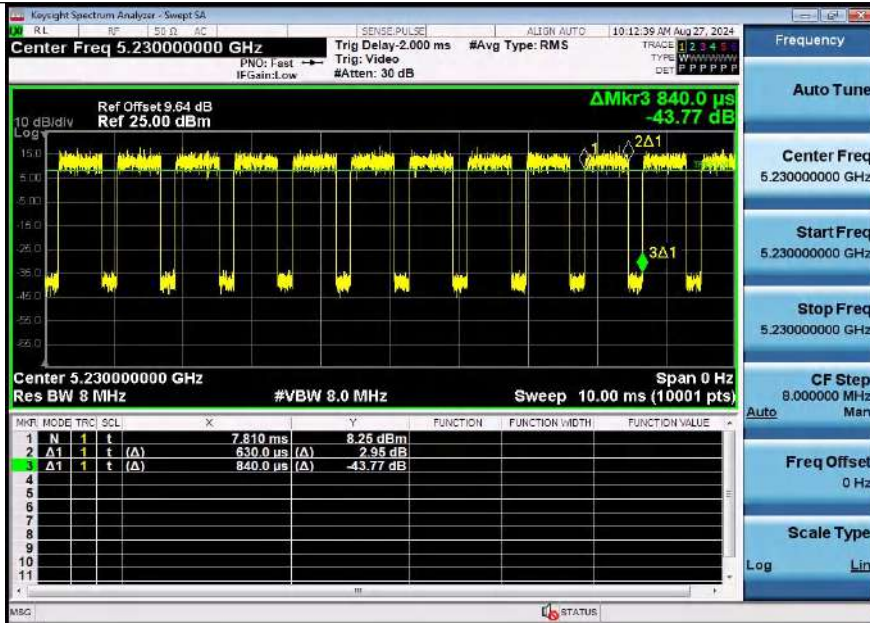
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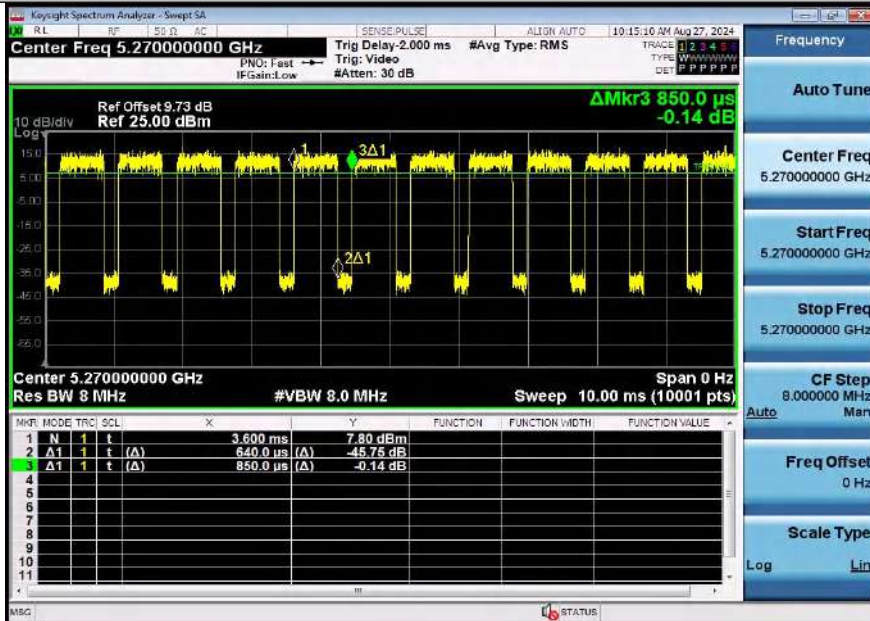
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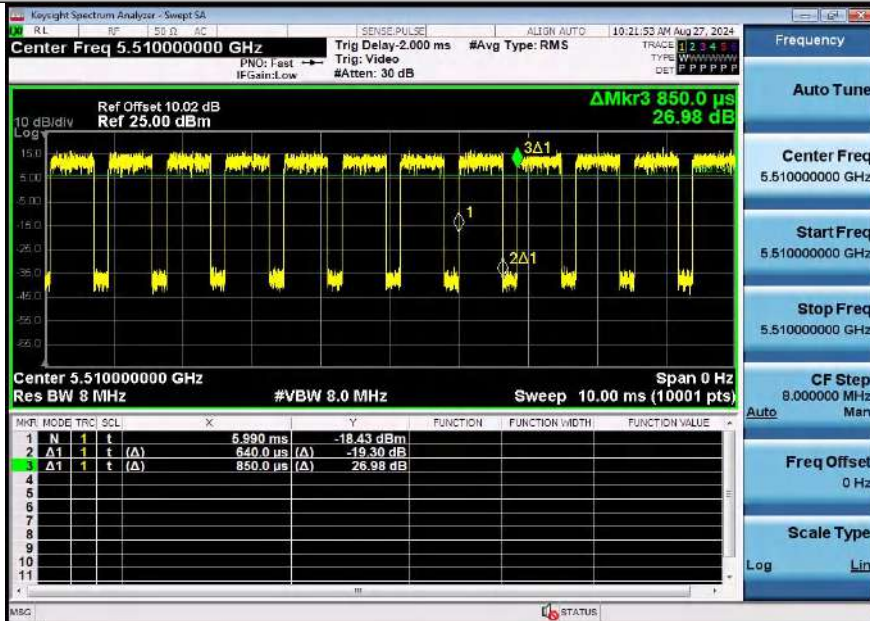
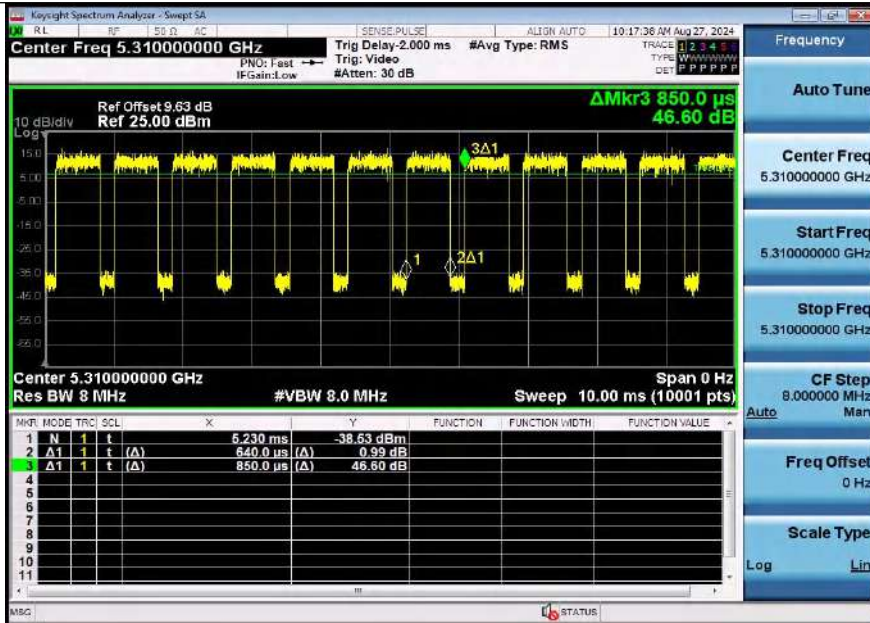
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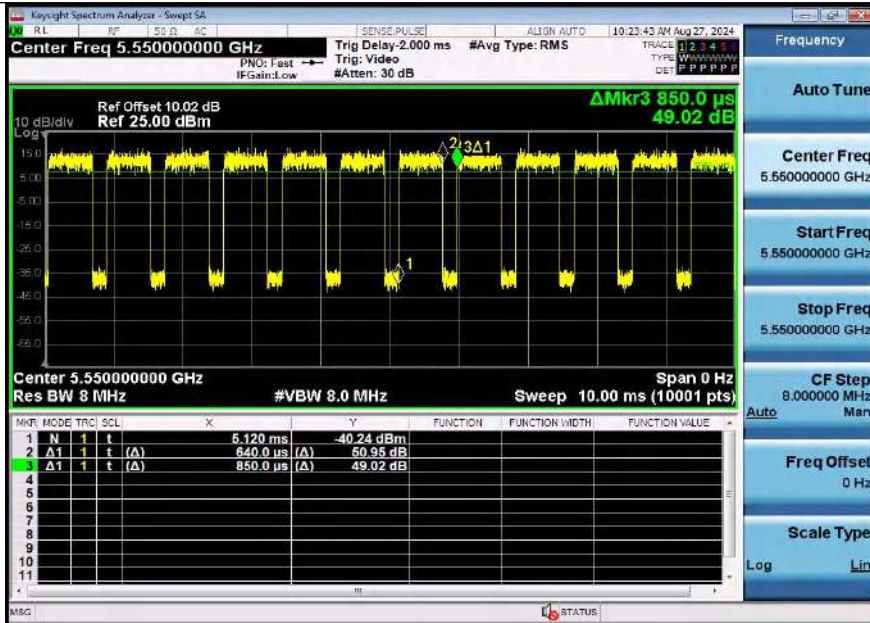


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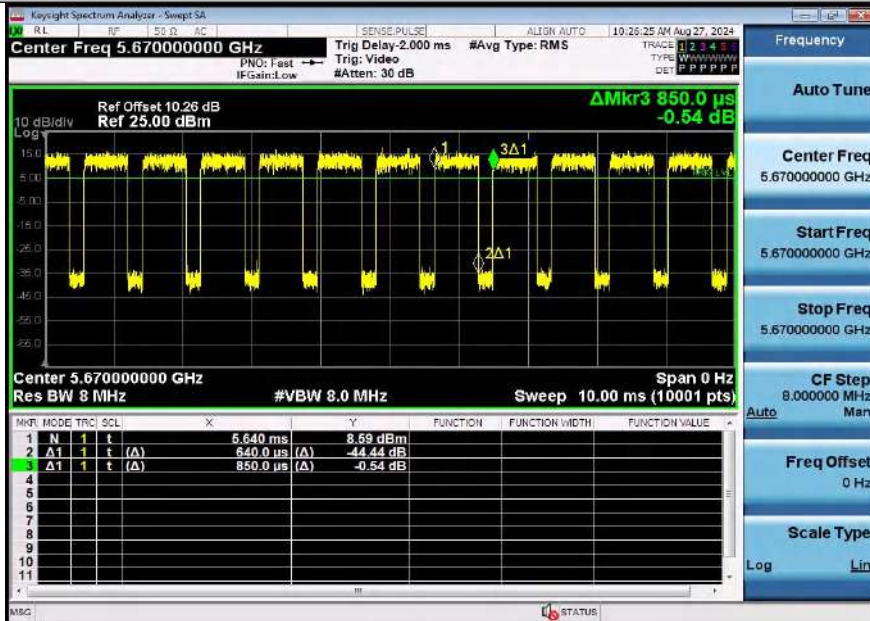


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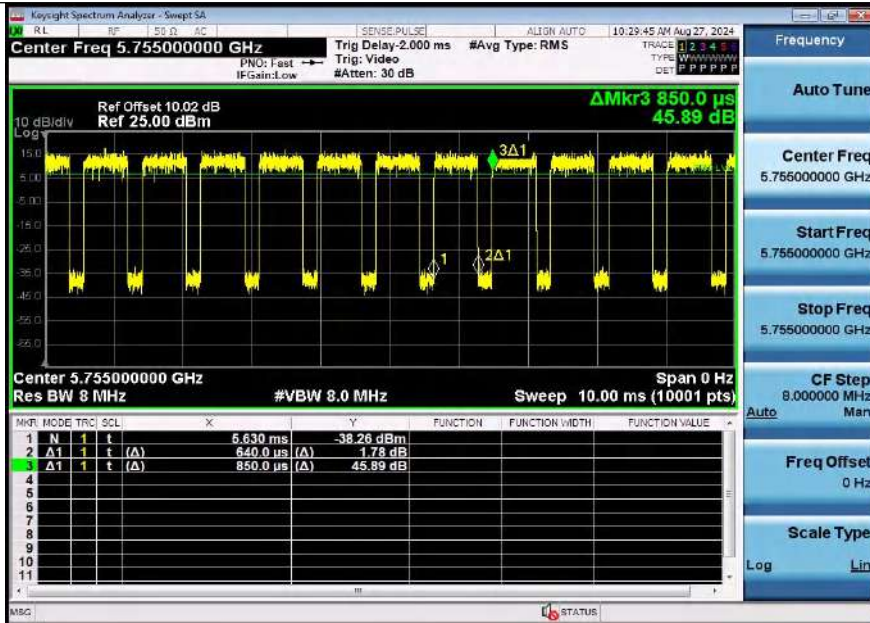




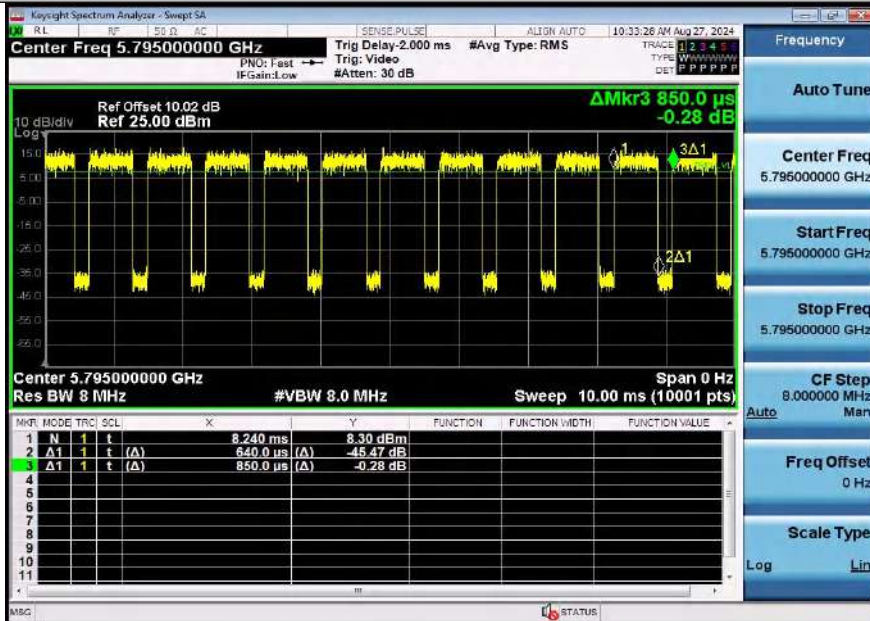
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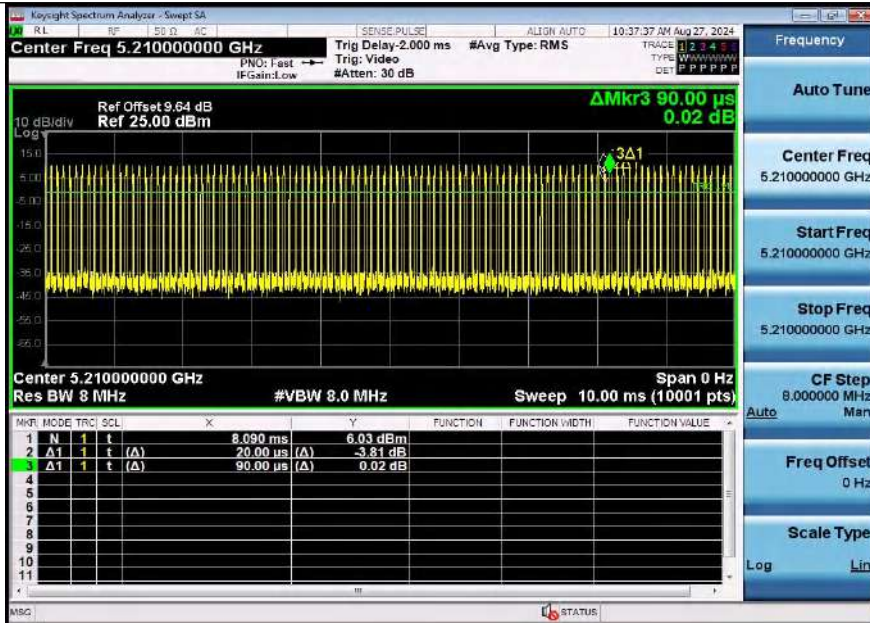
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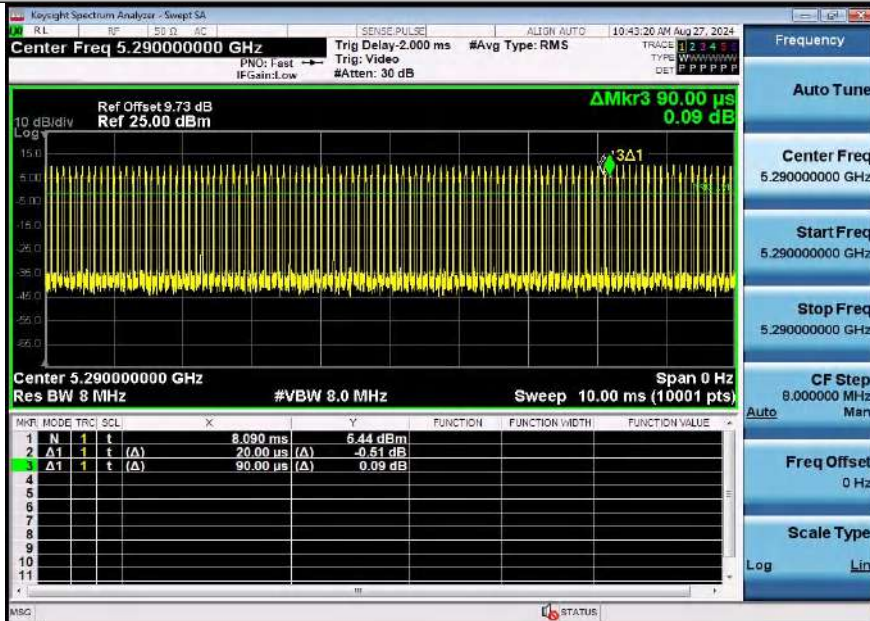
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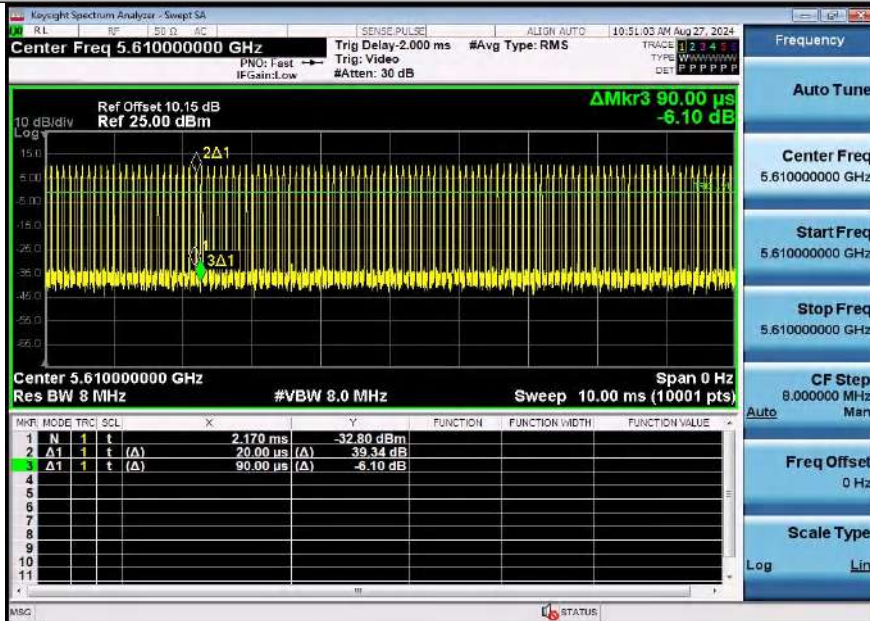
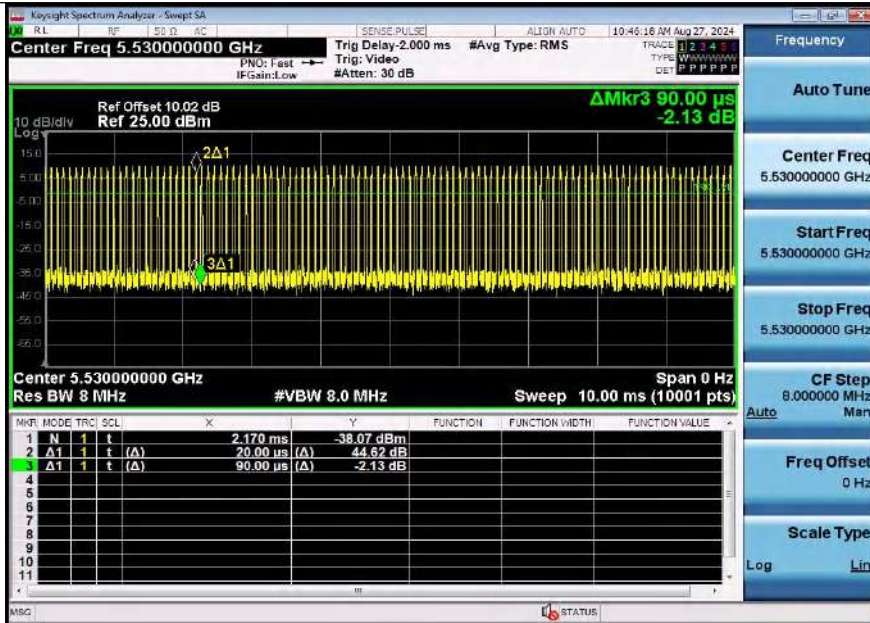
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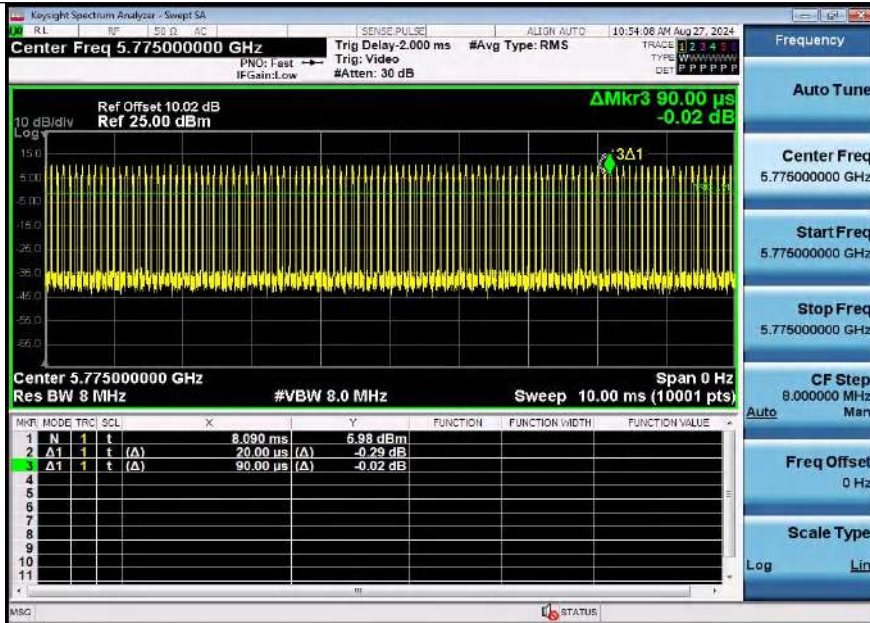


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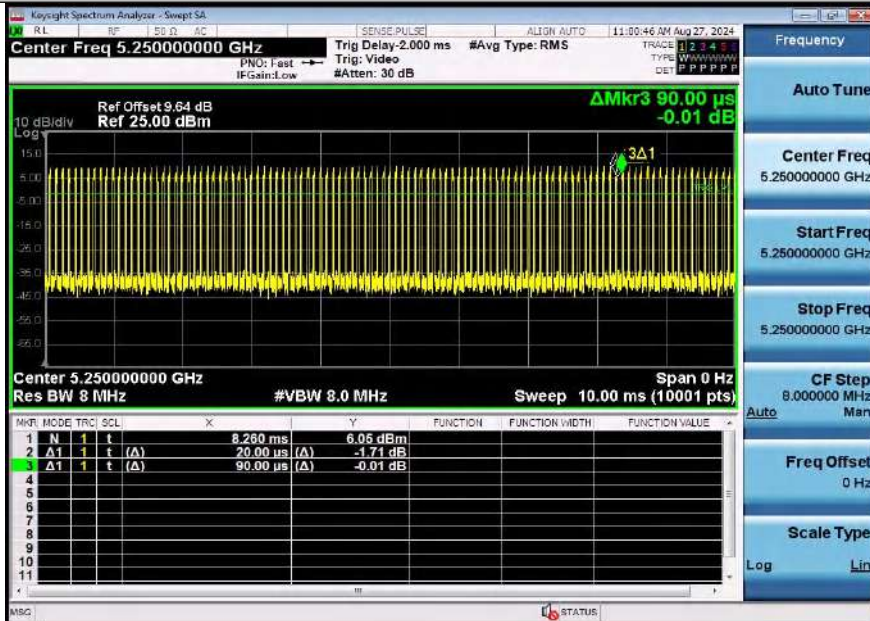


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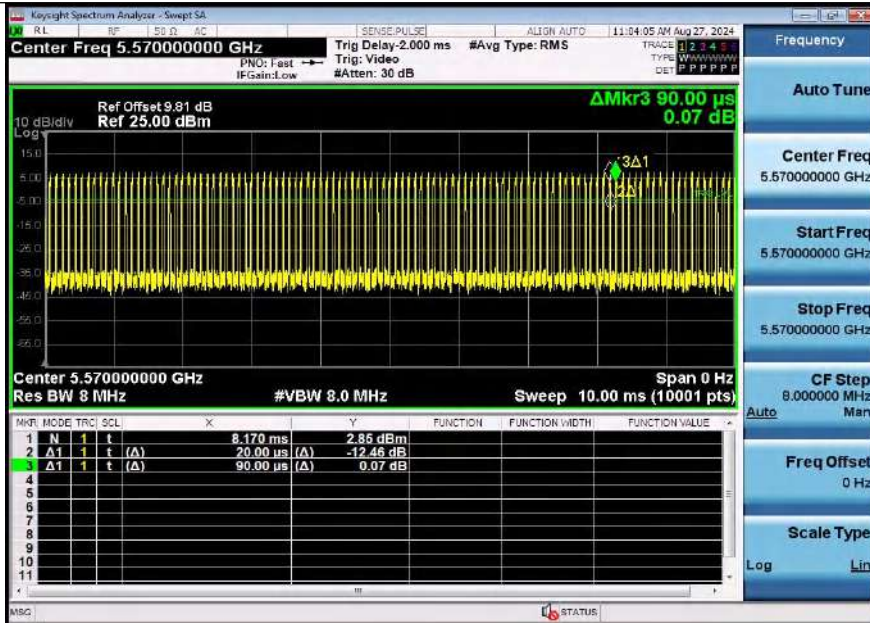




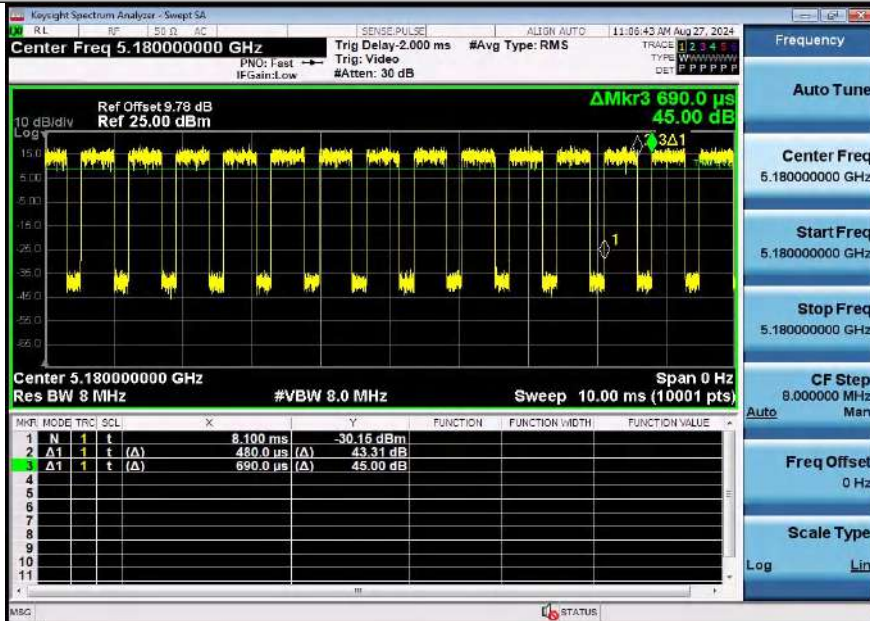
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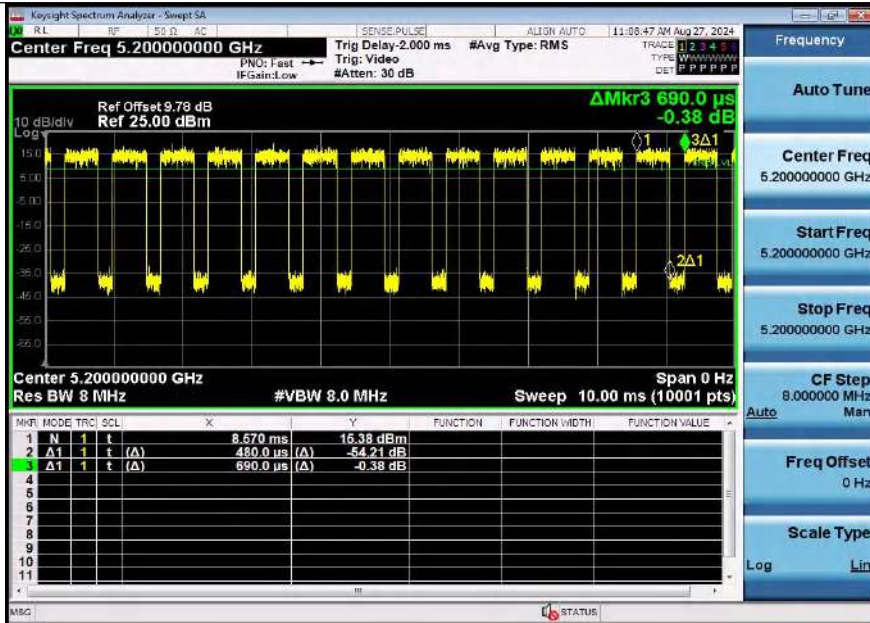
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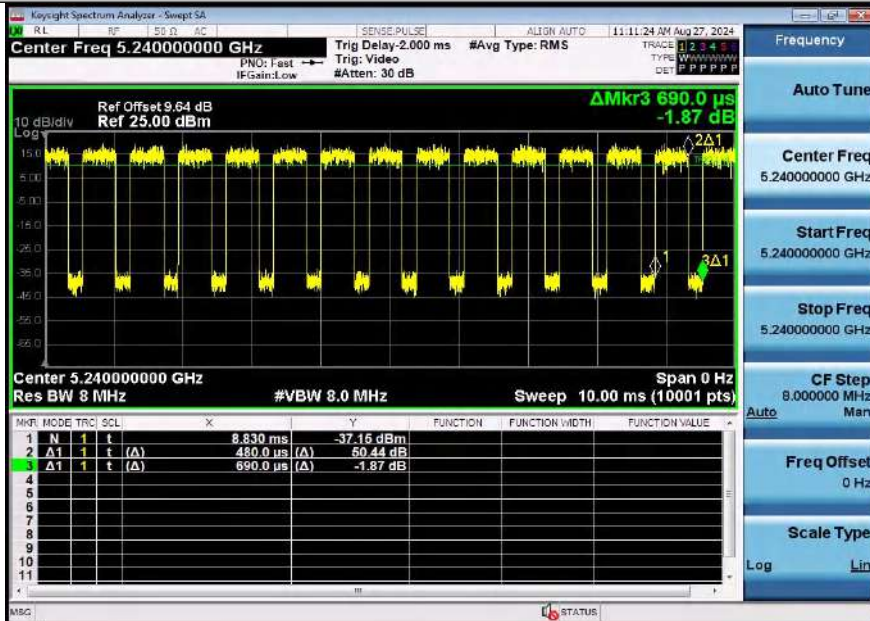
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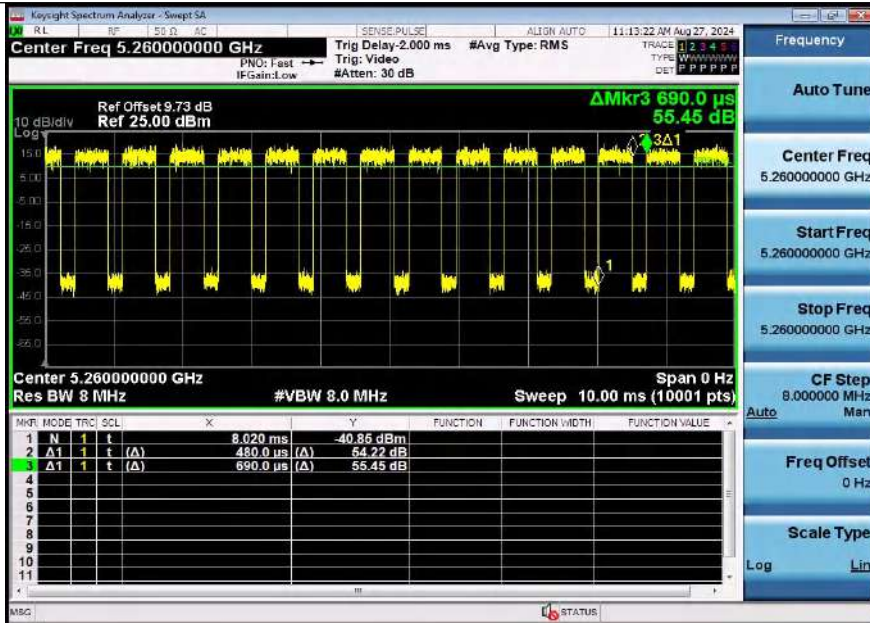
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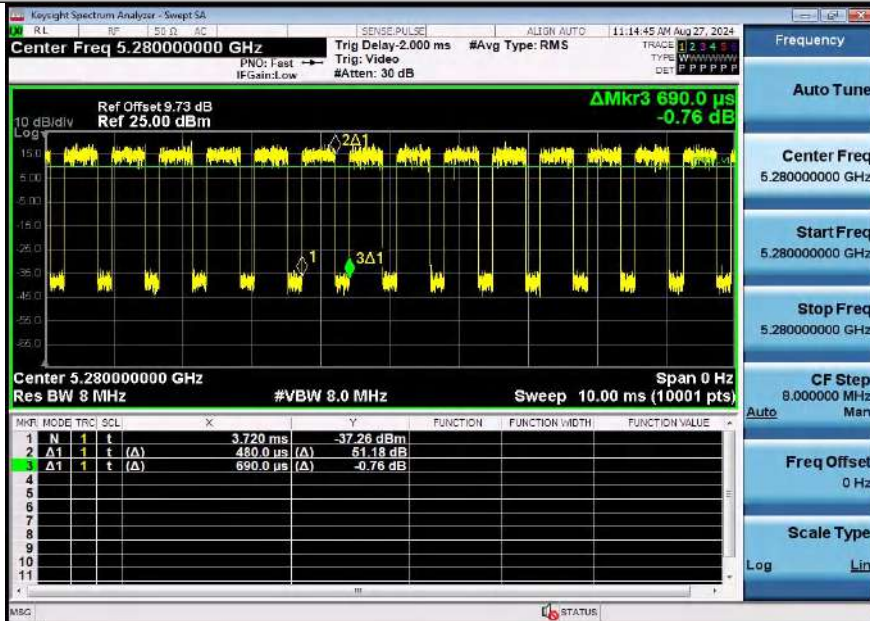
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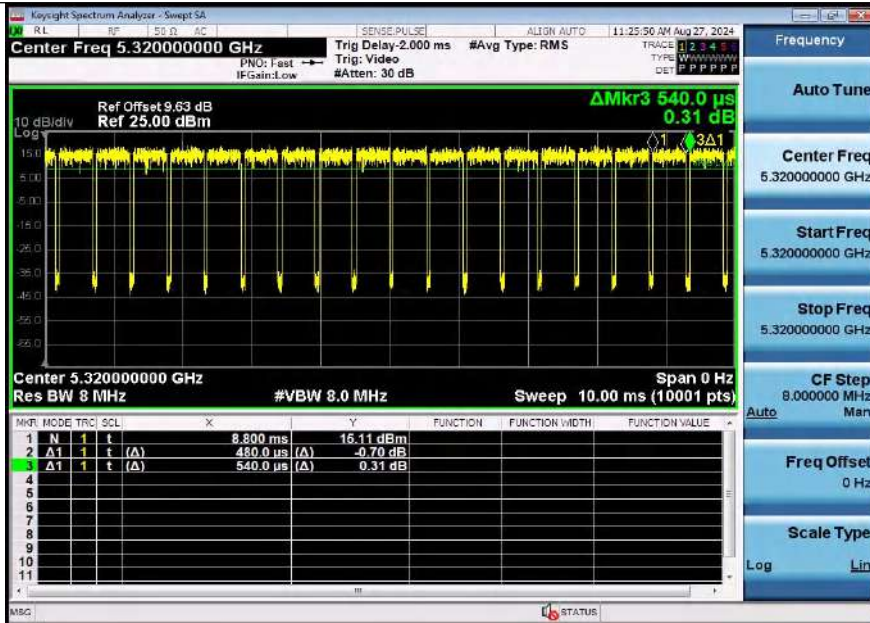
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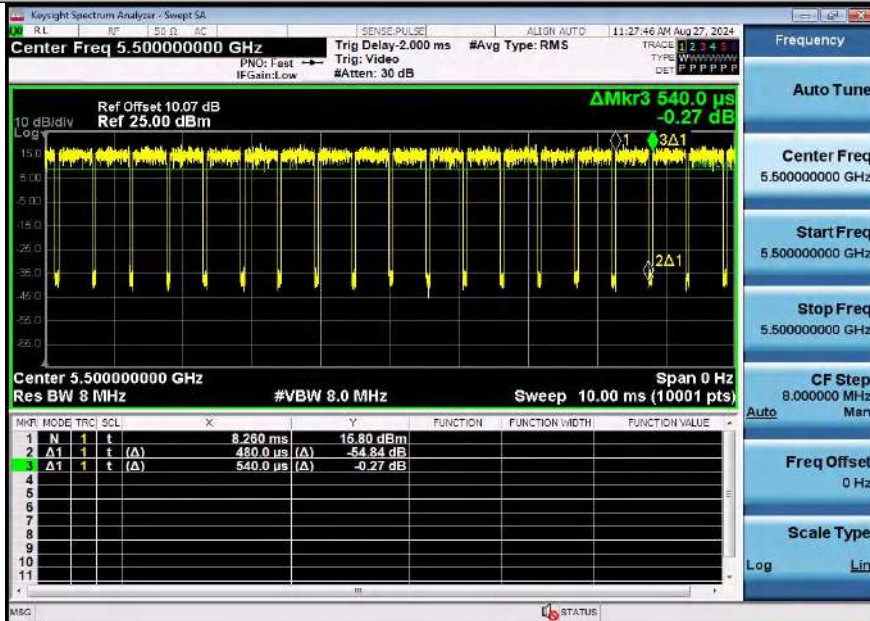
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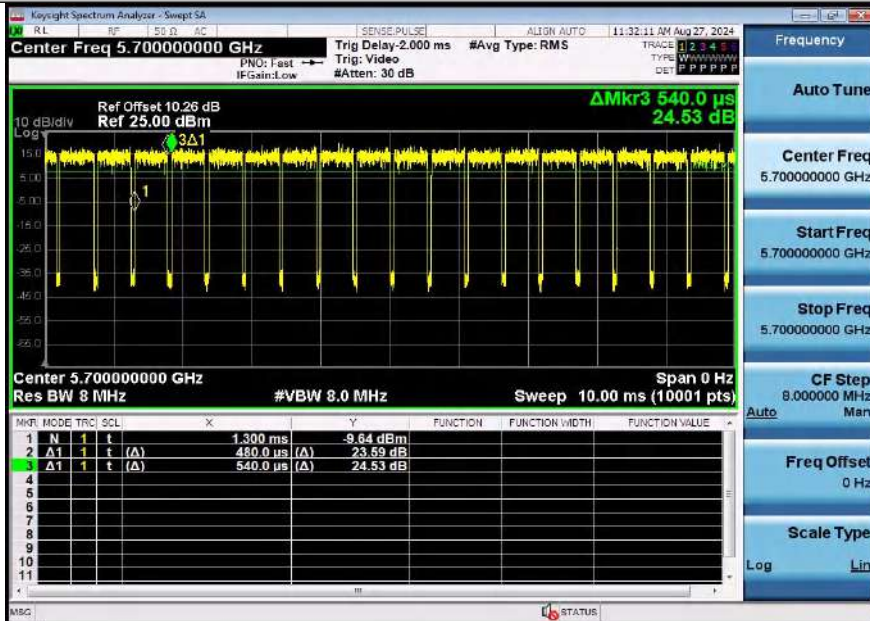
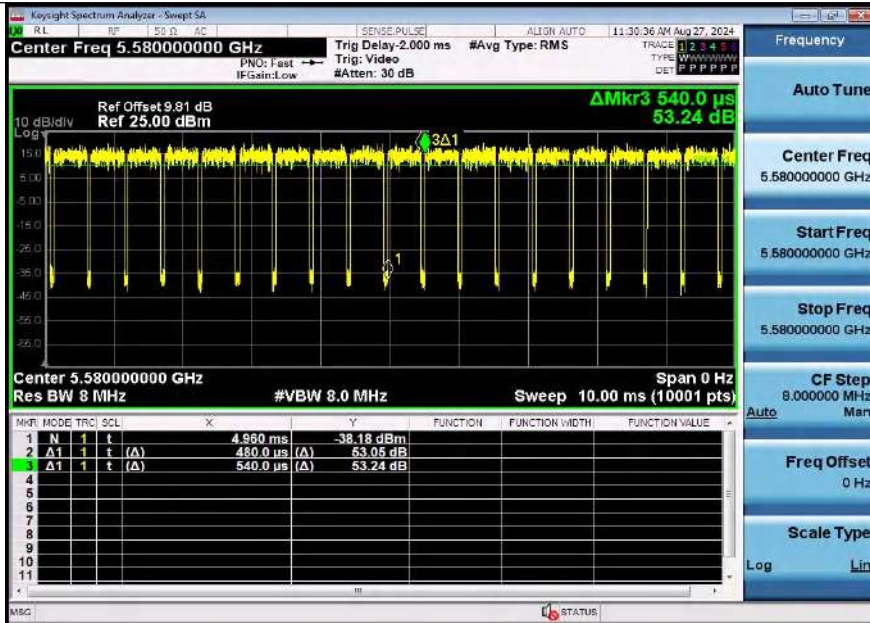
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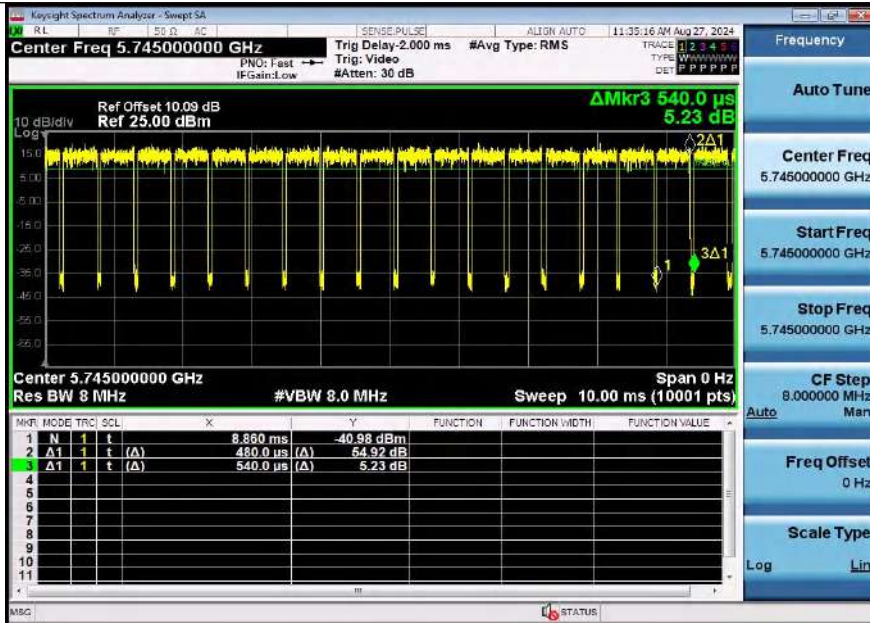


NTNV-11AX20SISO-Ant1-5320

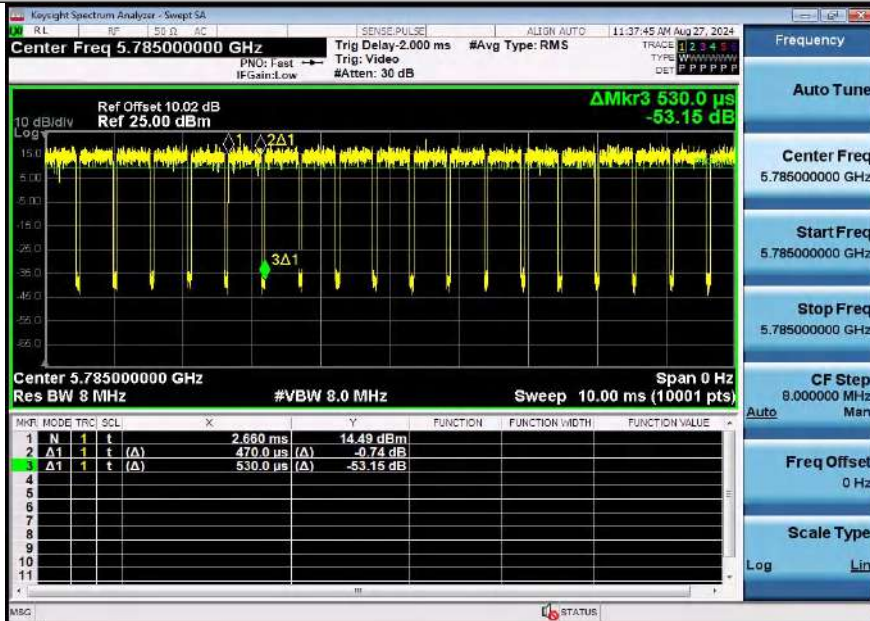


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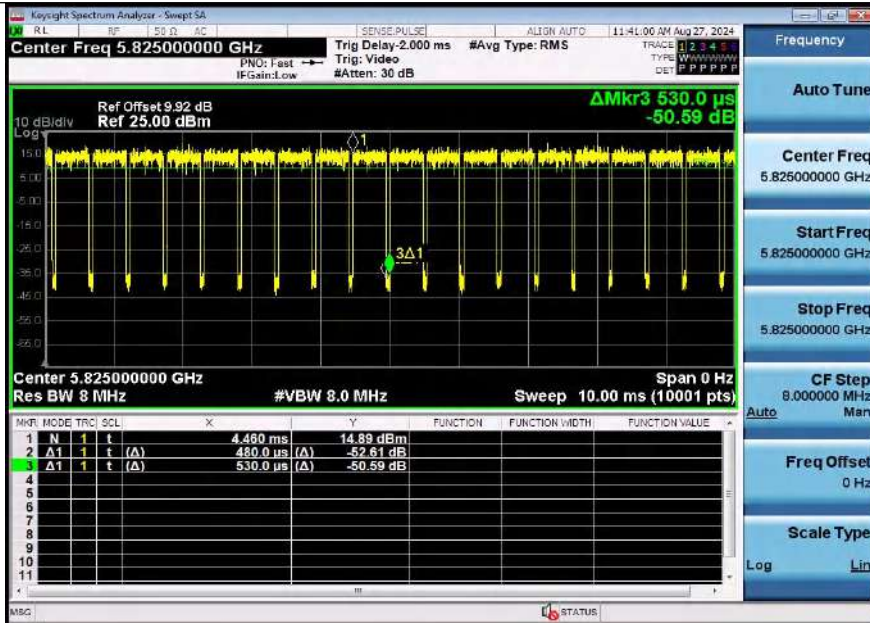




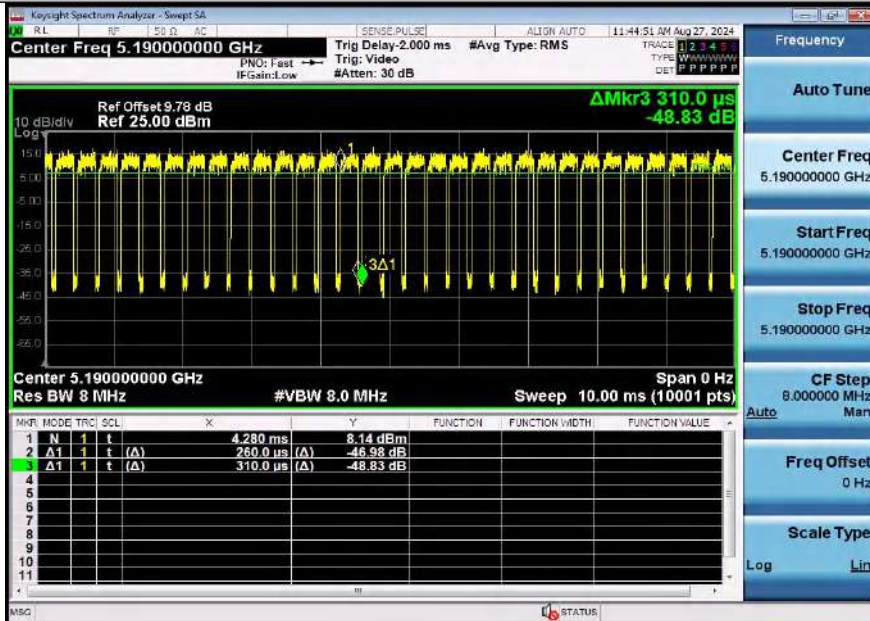
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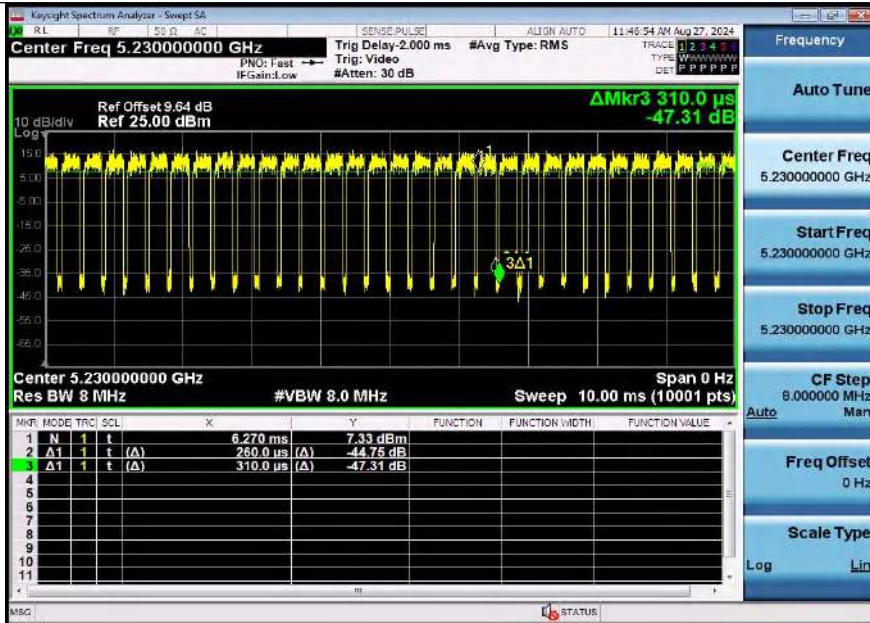
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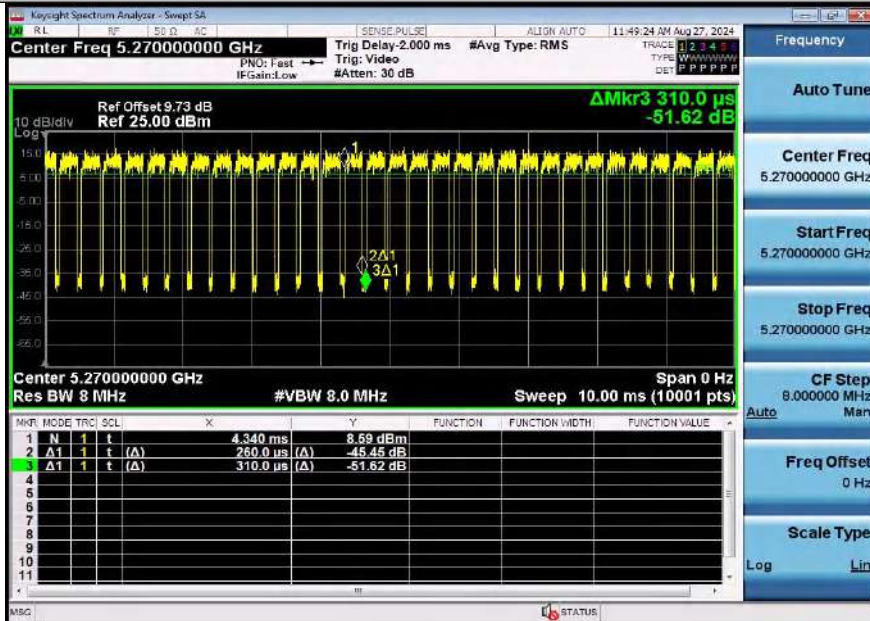
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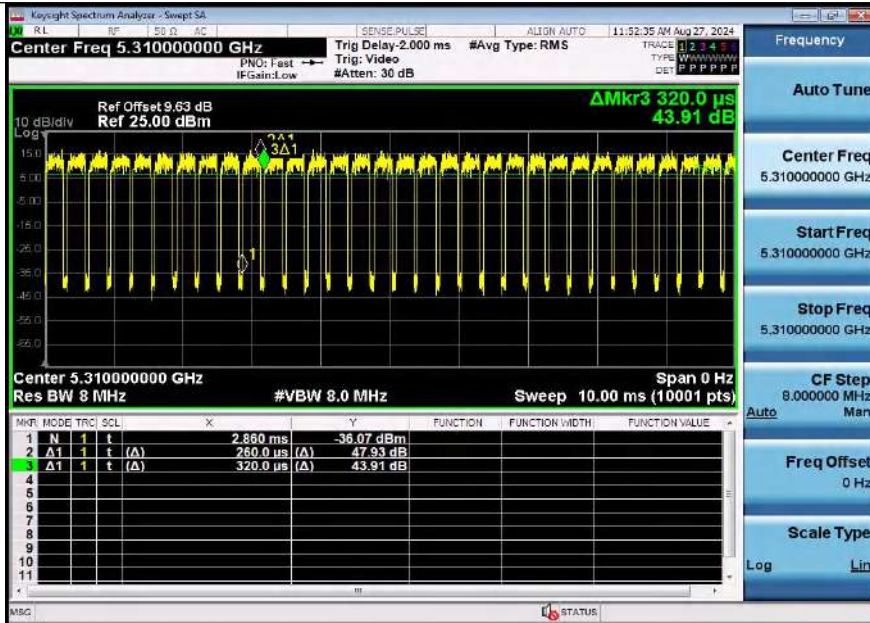
NTNV-11AX40SISO-Ant1-5190



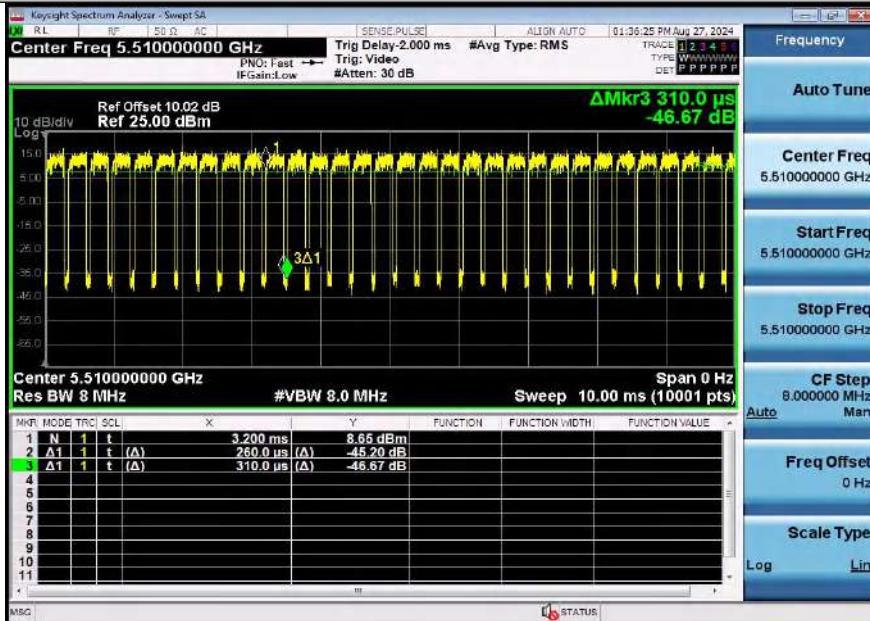
NTNV-11AX40SISO-Ant1-5230



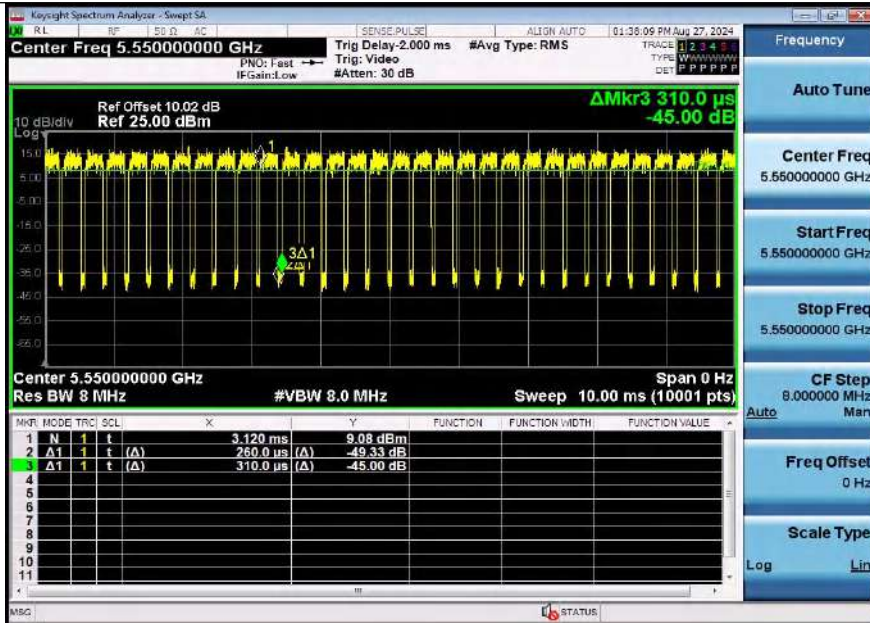
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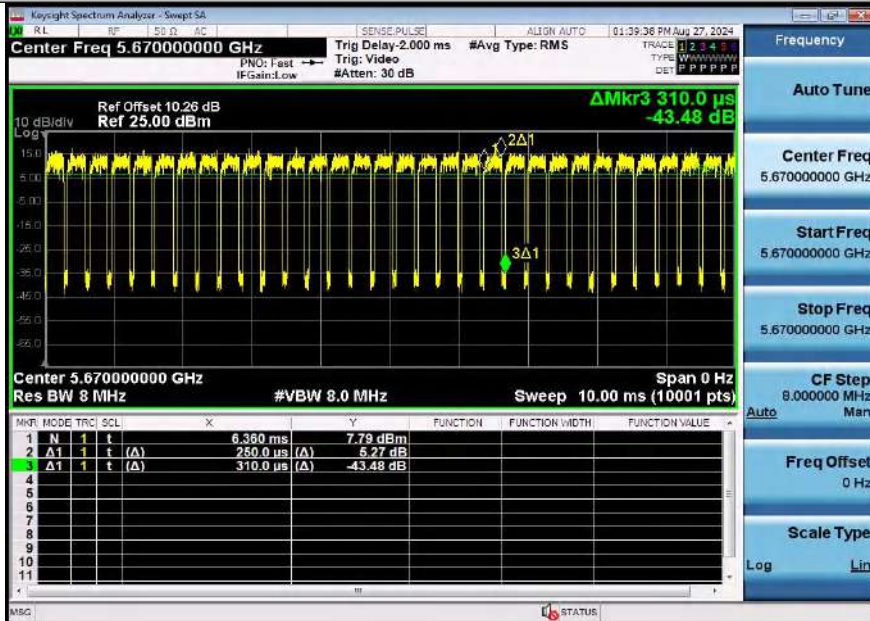
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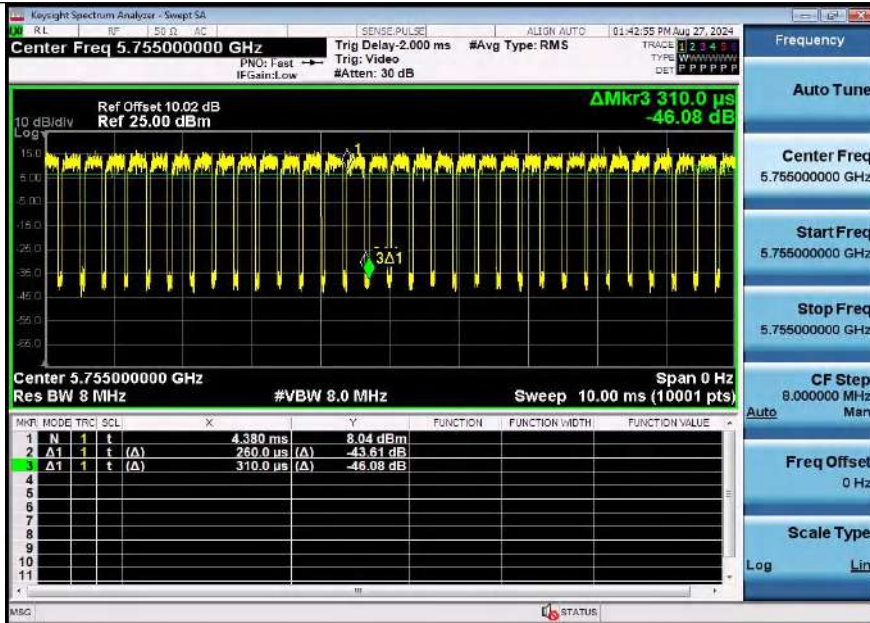
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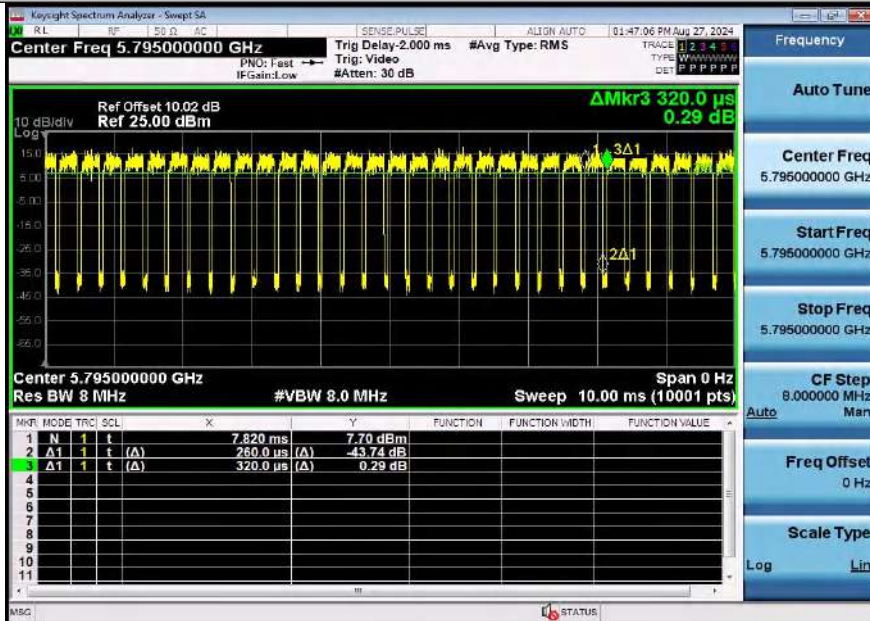
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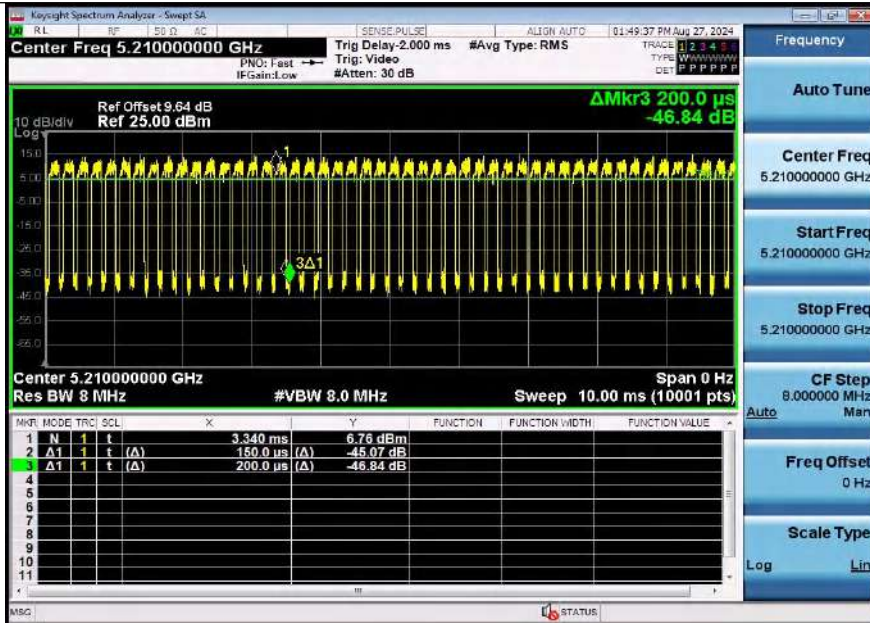
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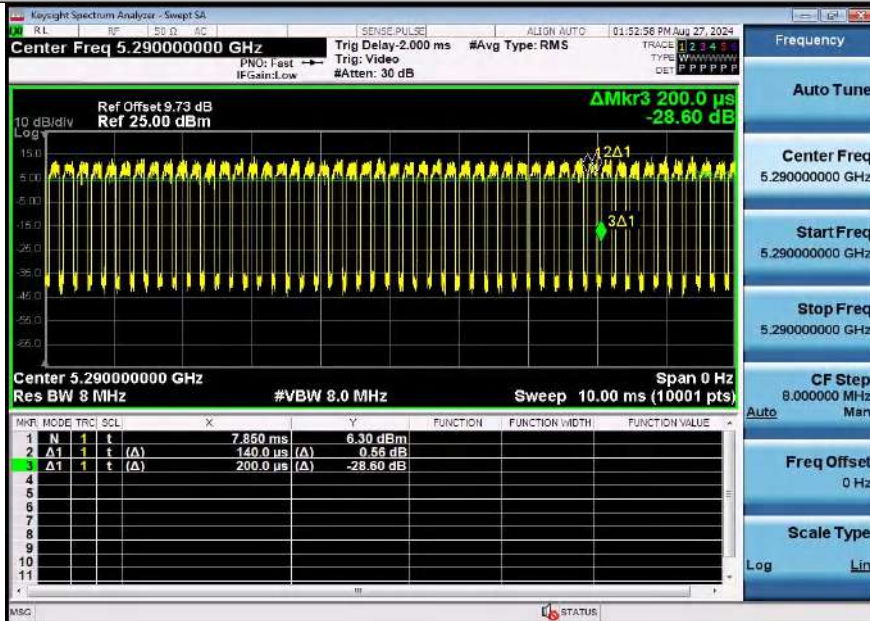
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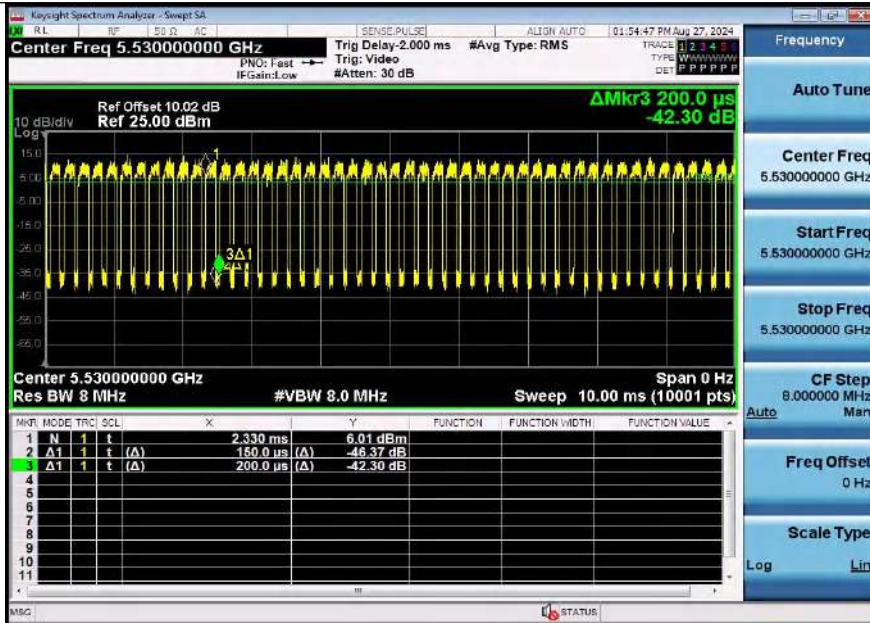
NTNV-11AX40SISO-Ant1-5795



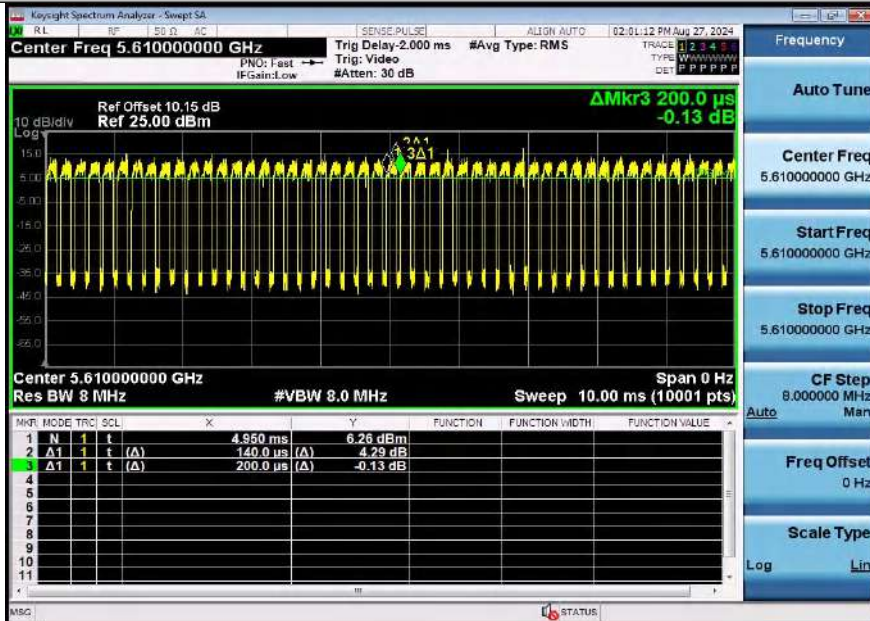
NTNV-11AX80SISO-Ant1-5210



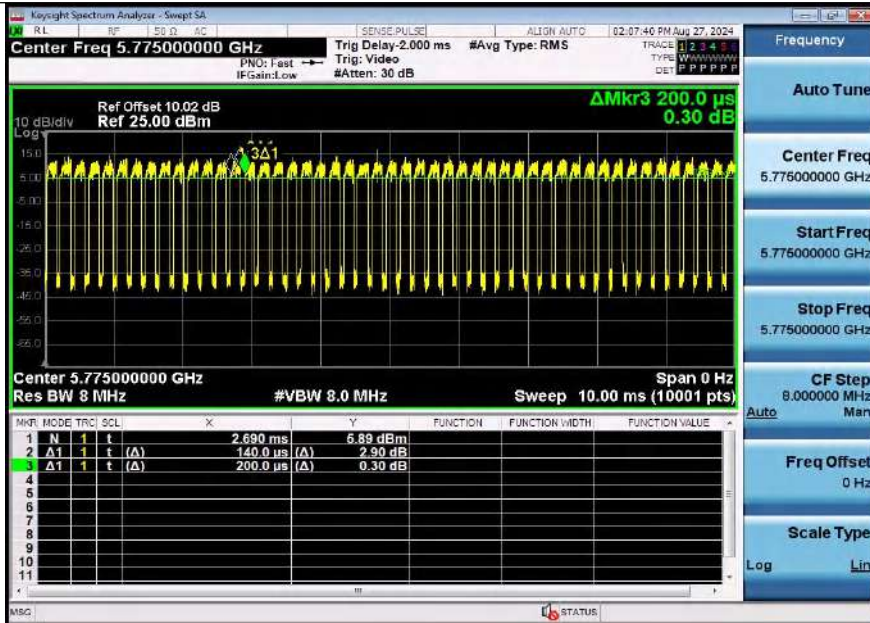
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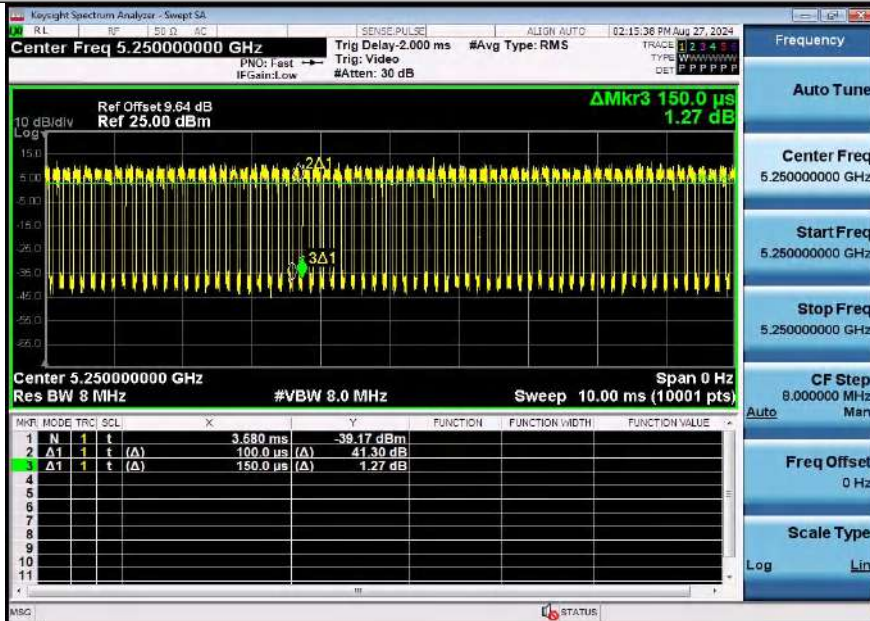
NTNV-11AX80SISO-Ant1-5530



NTNV-11AX80SISO-Ant1-5610



NTNV-11AX80SISO-Ant1-5775



NTNV-11AX160SISO-Ant1-5250

Ant 2

Test Result

Test Mode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A	Ant2	5180	1.39	1.45	95.86
11A	Ant2	5200	1.40	1.45	96.55
11A	Ant2	5240	1.40	1.45	96.55
11A	Ant2	5260	1.40	1.45	96.55
11A	Ant2	5280	1.39	1.45	95.86
11A	Ant2	5320	1.39	1.45	95.86
11A	Ant2	5500	1.40	1.46	95.89
11A	Ant2	5580	1.39	1.45	95.86
11A	Ant2	5700	1.39	1.45	95.86
11A	Ant2	5745	1.40	1.45	96.55
11A	Ant2	5785	1.39	1.45	95.86
11A	Ant2	5825	1.40	1.46	95.89
11N20SISO	Ant2	5180	1.31	1.37	95.62
11N20SISO	Ant2	5200	1.31	1.36	96.32
11N20SISO	Ant2	5240	1.31	1.37	95.62
11N20SISO	Ant2	5260	1.30	1.36	95.59
11N20SISO	Ant2	5280	1.31	1.36	96.32
11N20SISO	Ant2	5320	1.31	1.37	95.62
11N20SISO	Ant2	5500	1.31	1.37	95.62
11N20SISO	Ant2	5580	1.31	1.36	96.32
11N20SISO	Ant2	5700	1.31	1.36	96.32
11N20SISO	Ant2	5745	1.31	1.37	95.62
11N20SISO	Ant2	5785	1.30	1.36	95.59
11N20SISO	Ant2	5825	1.31	1.37	95.62
11N40SISO	Ant2	5190	0.65	0.71	91.55
11N40SISO	Ant2	5230	0.65	0.71	91.55
11N40SISO	Ant2	5270	0.65	0.71	91.55
11N40SISO	Ant2	5310	0.64	0.70	91.43
11N40SISO	Ant2	5510	0.65	0.71	91.55
11N40SISO	Ant2	5550	0.65	0.71	91.55
11N40SISO	Ant2	5670	0.65	0.70	92.86
11N40SISO	Ant2	5755	0.65	0.71	91.55
11N40SISO	Ant2	5795	0.65	0.71	91.55
11AC20SISO	Ant2	5180	1.30	1.36	95.59
11AC20SISO	Ant2	5200	1.29	1.35	95.56
11AC20SISO	Ant2	5240	1.30	1.35	96.30
11AC20SISO	Ant2	5260	1.30	1.35	96.30

11AC20SISO	Ant2	5280	1.29	1.35	95.56
11AC20SISO	Ant2	5320	1.29	1.35	95.56
11AC20SISO	Ant2	5500	1.30	1.35	96.30
11AC20SISO	Ant2	5580	1.30	1.35	96.30
11AC20SISO	Ant2	5700	1.29	1.35	95.56
11AC20SISO	Ant2	5745	1.29	1.35	95.56
11AC20SISO	Ant2	5785	1.30	1.35	96.30
11AC20SISO	Ant2	5825	1.30	1.35	96.30
11AC40SISO	Ant2	5190	0.64	0.69	92.75
11AC40SISO	Ant2	5230	0.64	0.69	92.75
11AC40SISO	Ant2	5270	0.63	0.69	91.30
11AC40SISO	Ant2	5310	0.64	0.70	91.43
11AC40SISO	Ant2	5510	0.63	0.69	91.30
11AC40SISO	Ant2	5550	0.64	0.69	92.75
11AC40SISO	Ant2	5670	0.64	0.69	92.75
11AC40SISO	Ant2	5755	0.64	0.69	92.75
11AC40SISO	Ant2	5795	0.63	0.69	91.30
11AC80SISO	Ant2	5210	0.02	0.07	28.57
11AC80SISO	Ant2	5290	0.02	0.07	28.57
11AC80SISO	Ant2	5530	0.02	0.07	28.57
11AC80SISO	Ant2	5610	0.03	0.08	37.50
11AC80SISO	Ant2	5775	0.02	0.07	28.57
11AC160SISO	Ant2	5250	0.02	0.07	28.57
11AC160SISO	Ant2	5570	0.02	0.07	28.57
11AX20SISO	Ant2	5180	0.48	0.54	88.89
11AX20SISO	Ant2	5200	0.48	0.54	88.89
11AX20SISO	Ant2	5240	0.48	0.54	88.89
11AX20SISO	Ant2	5260	0.48	0.53	90.57
11AX20SISO	Ant2	5280	0.48	0.54	88.89
11AX20SISO	Ant2	5320	0.48	0.54	88.89
11AX20SISO	Ant2	5500	0.48	0.54	88.89
11AX20SISO	Ant2	5580	0.48	0.54	88.89
11AX20SISO	Ant2	5700	0.48	0.53	90.57
11AX20SISO	Ant2	5745	0.48	0.54	88.89
11AX20SISO	Ant2	5785	0.47	0.53	88.68
11AX20SISO	Ant2	5825	0.48	0.54	88.89
11AX40SISO	Ant2	5190	0.26	0.32	81.25
11AX40SISO	Ant2	5230	0.26	0.32	81.25
11AX40SISO	Ant2	5270	0.26	0.32	81.25
11AX40SISO	Ant2	5310	0.25	0.31	80.65
11AX40SISO	Ant2	5510	0.26	0.32	81.25
11AX40SISO	Ant2	5550	0.26	0.32	81.25
11AX40SISO	Ant2	5670	0.26	0.32	81.25