

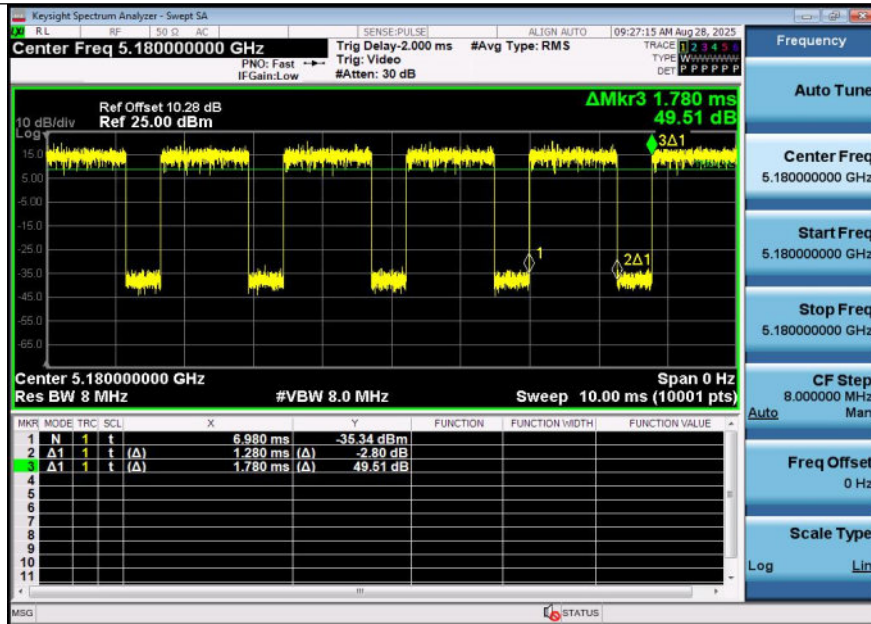


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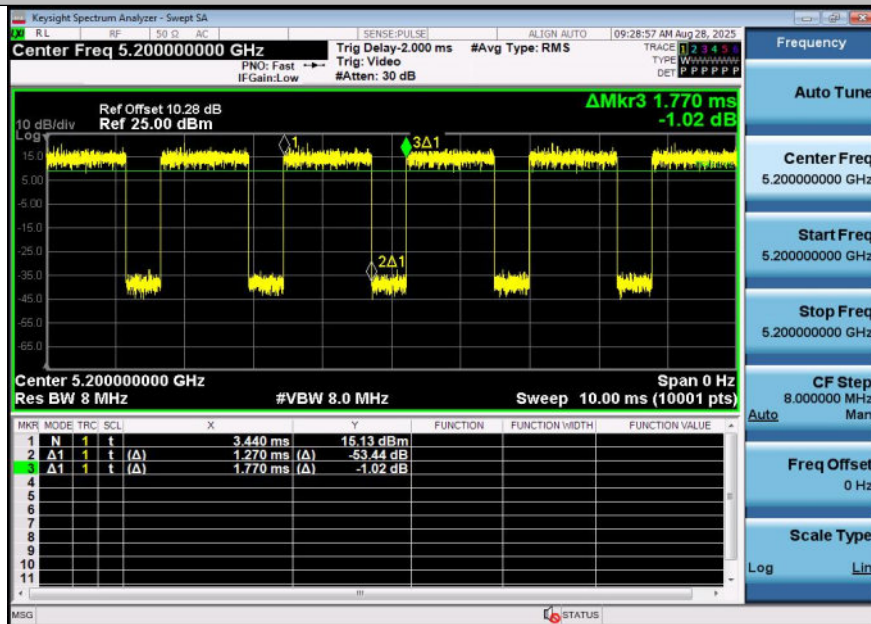
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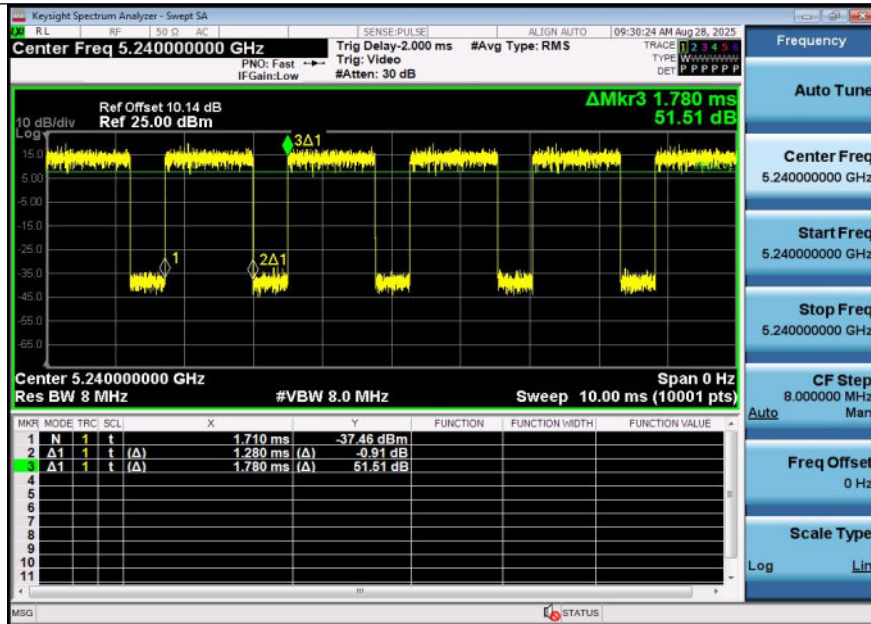
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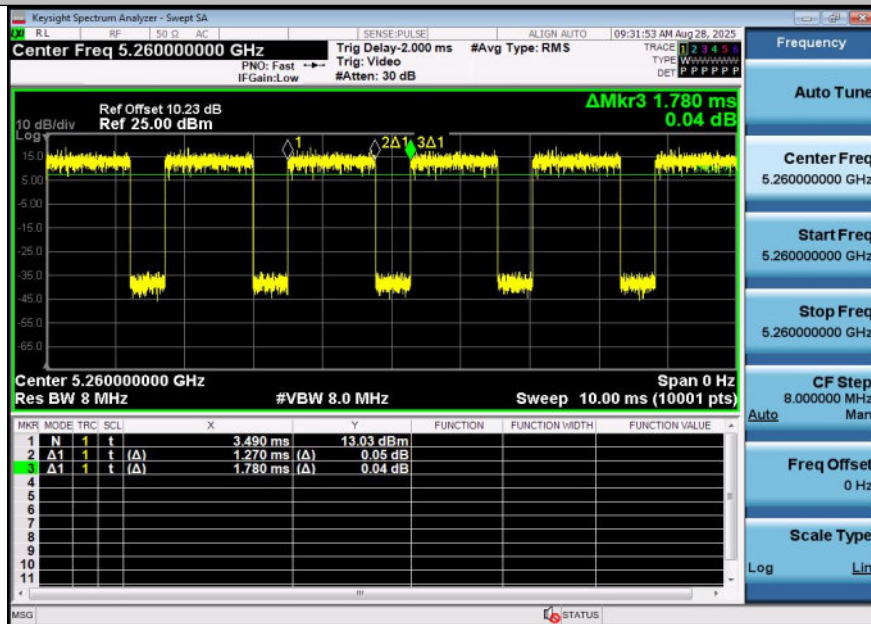
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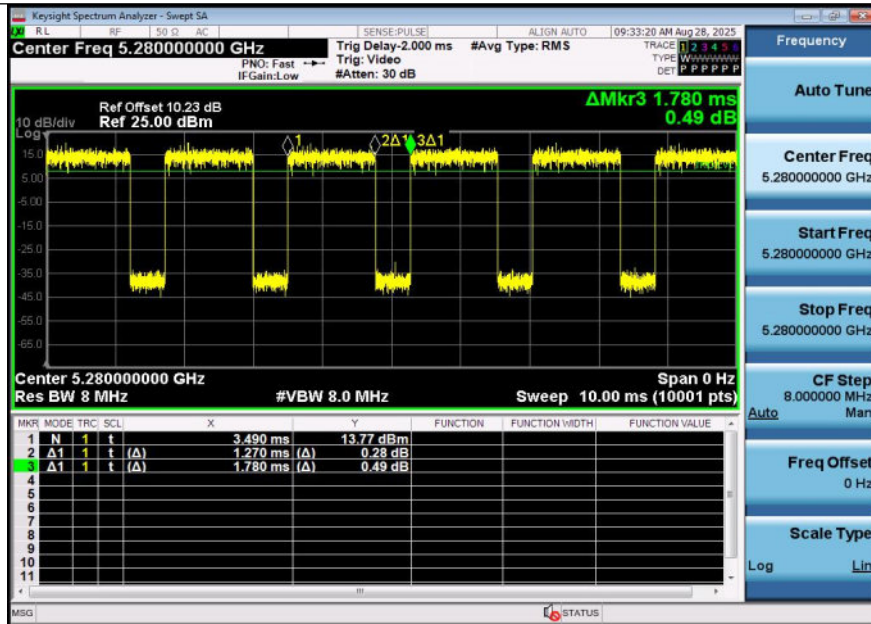
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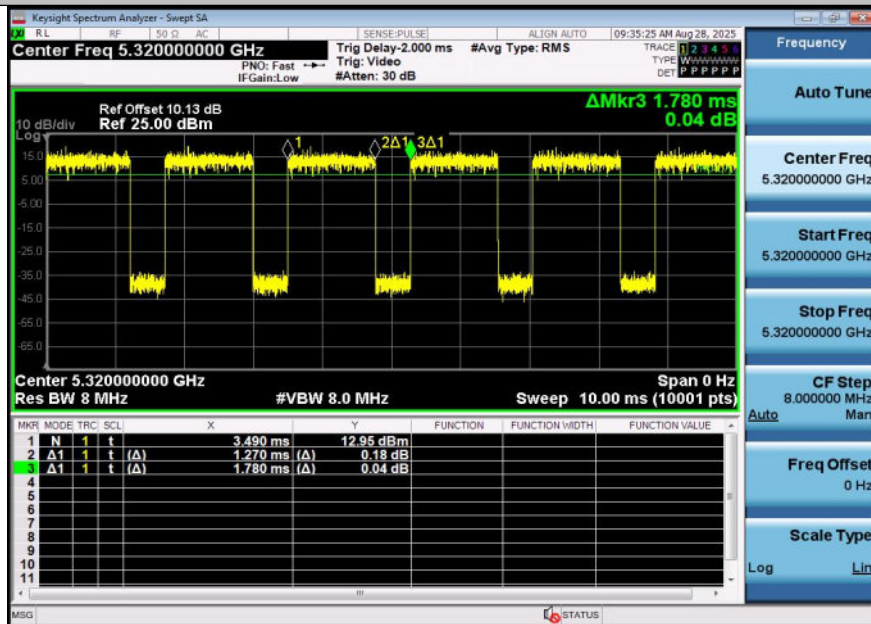
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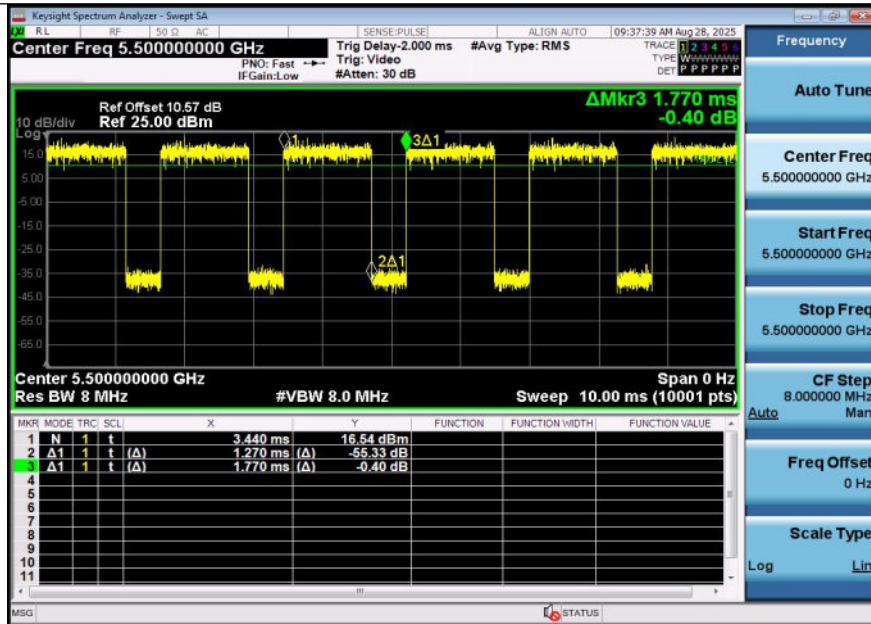
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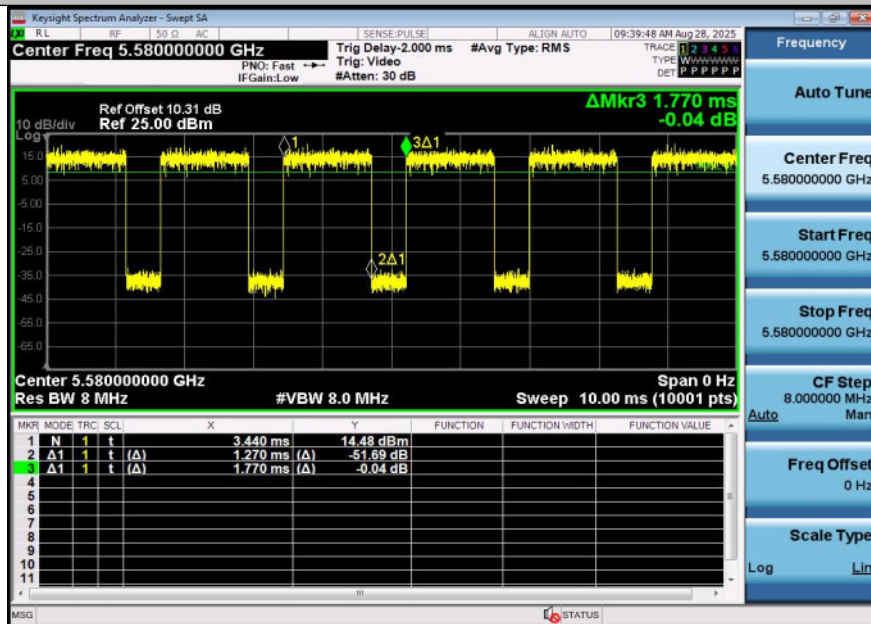
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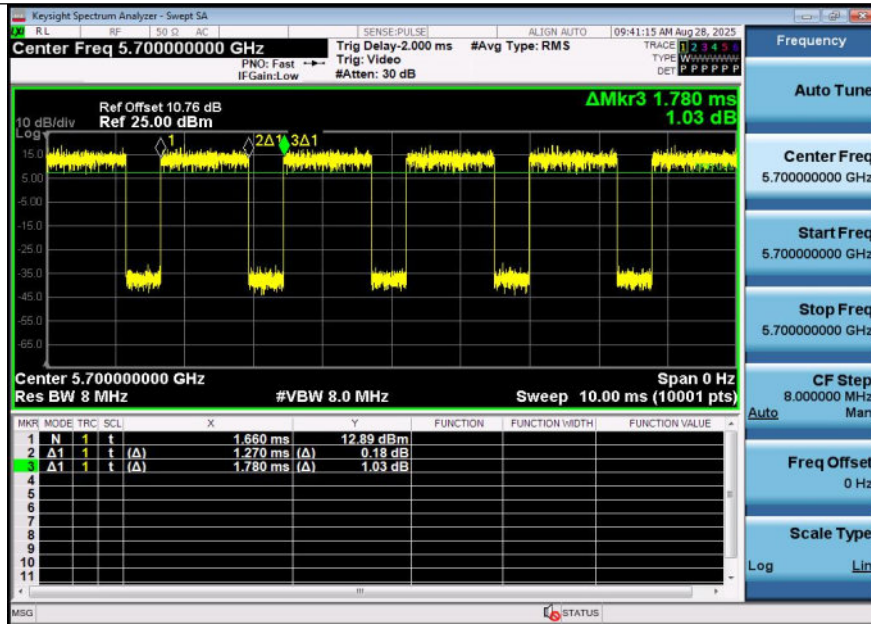
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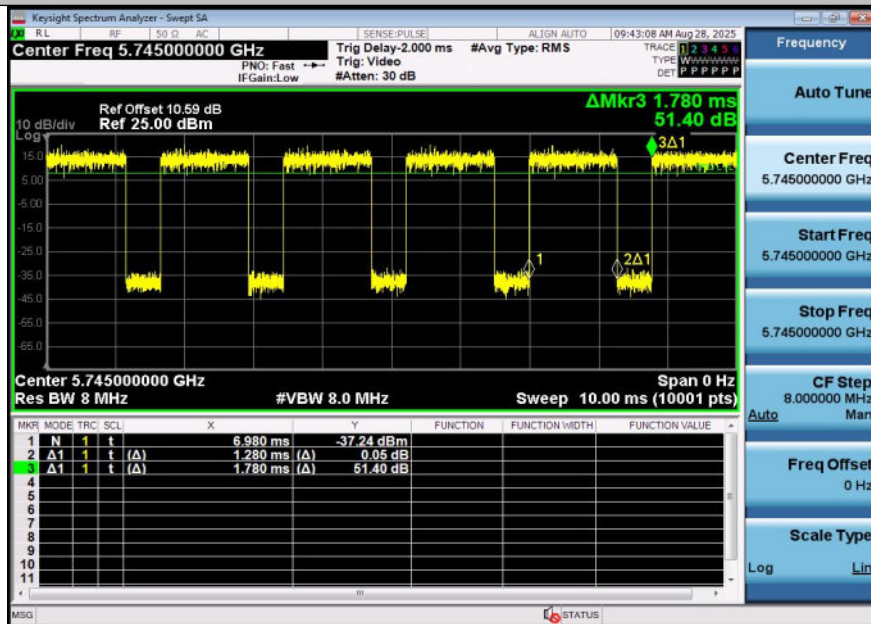
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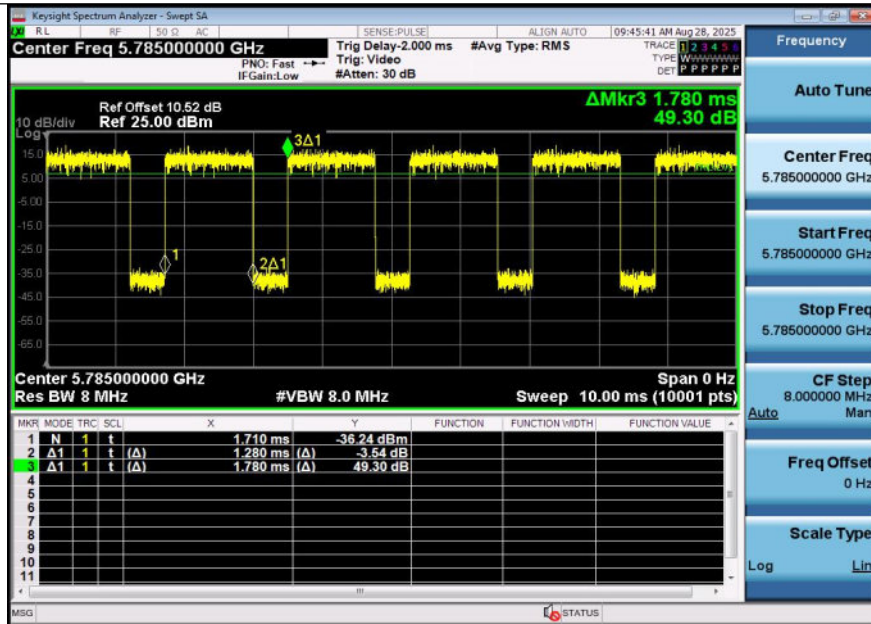


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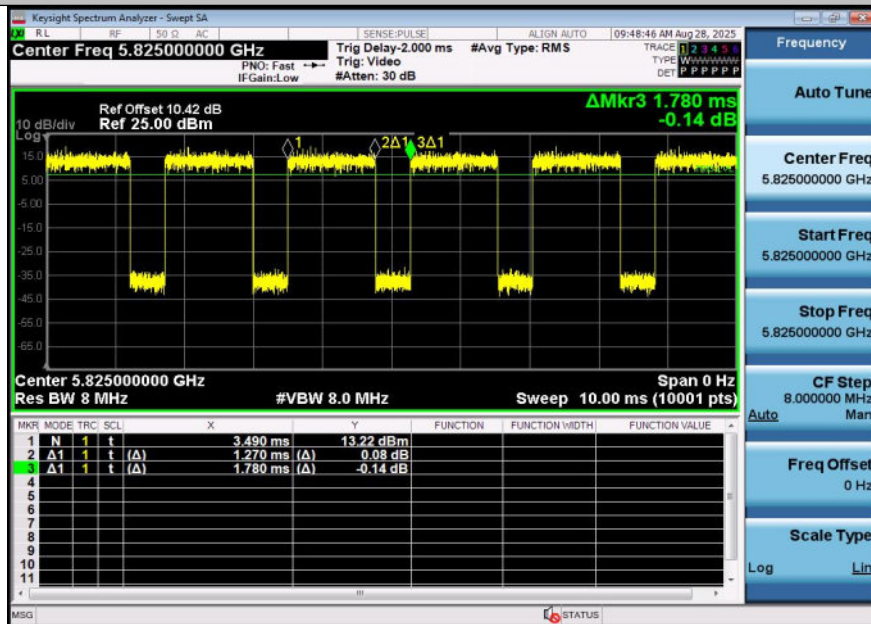
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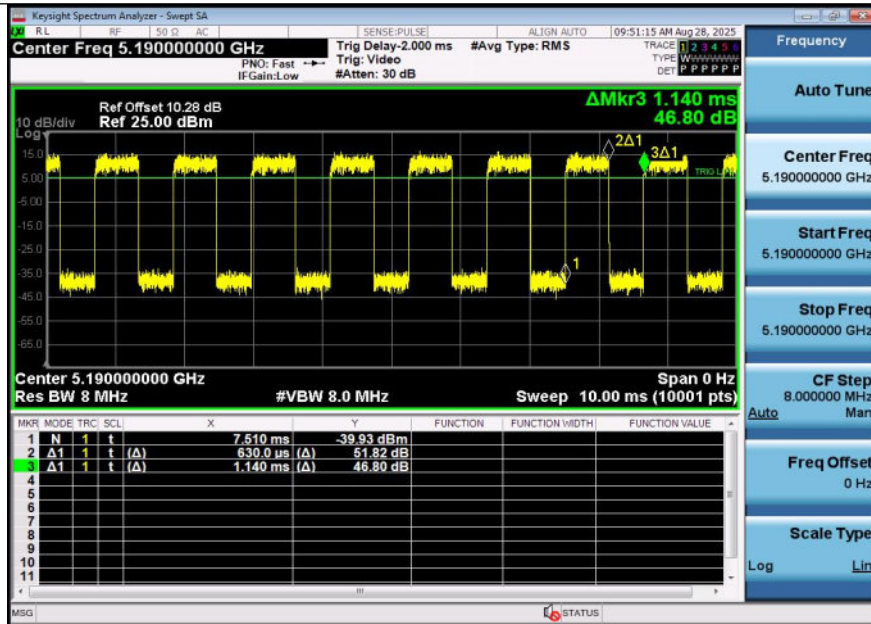
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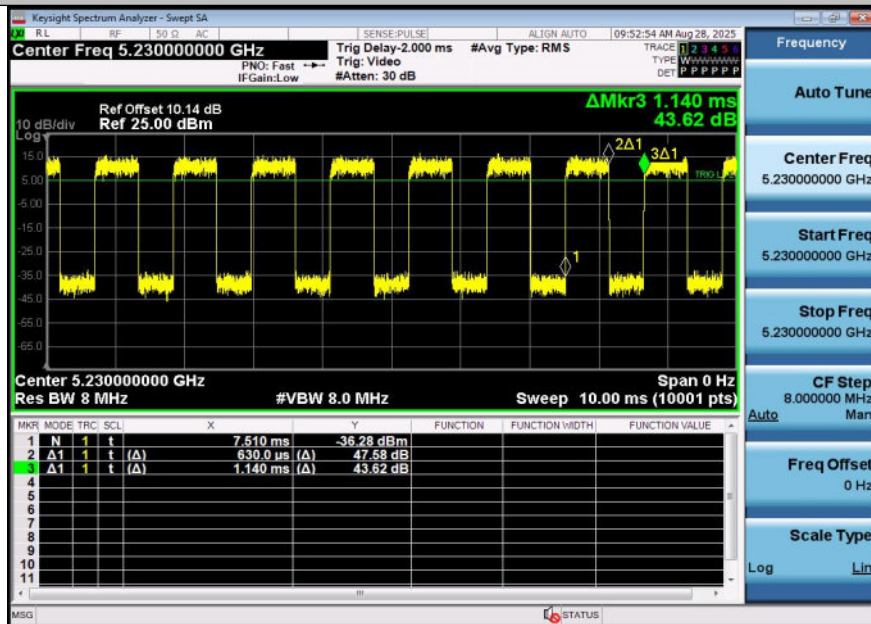
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GRCTR250802012-02



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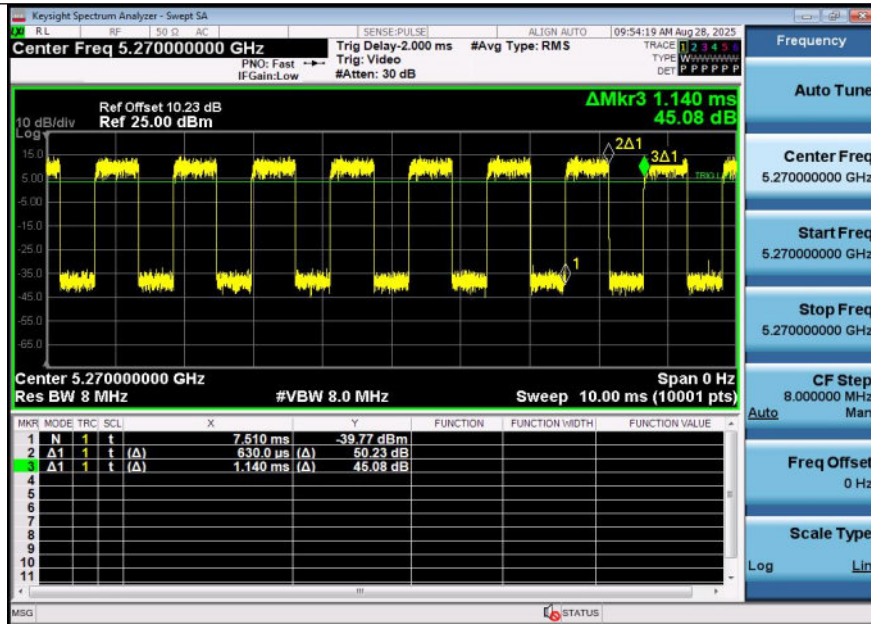
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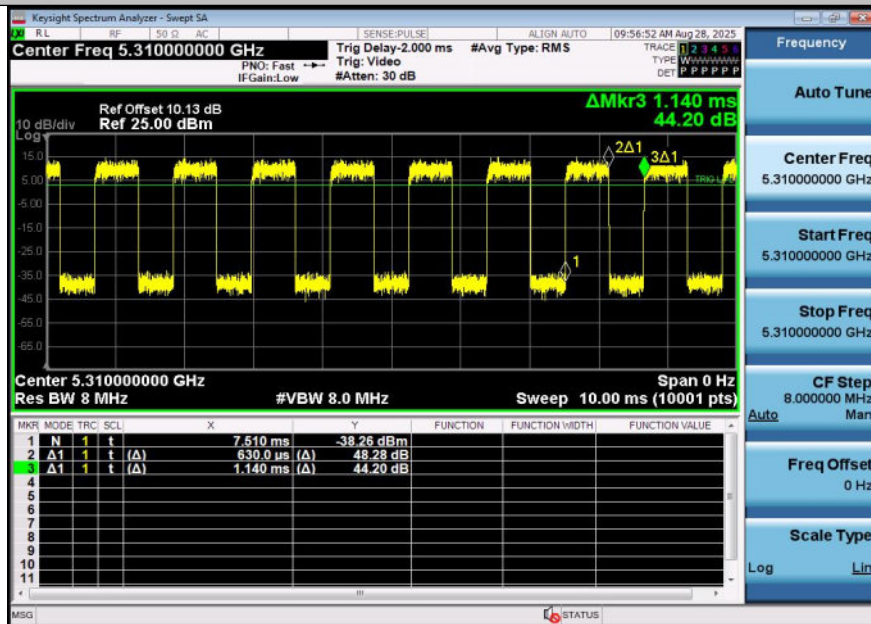
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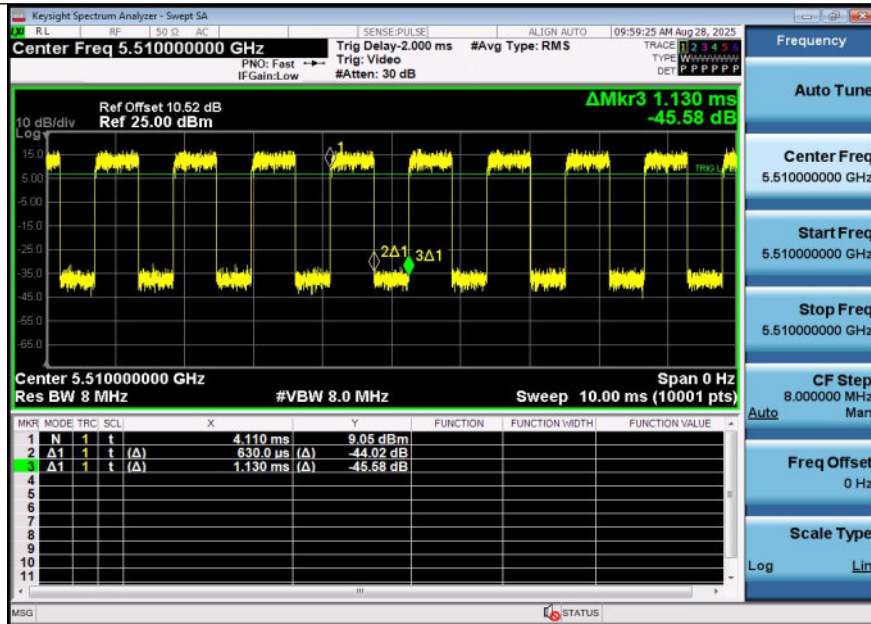
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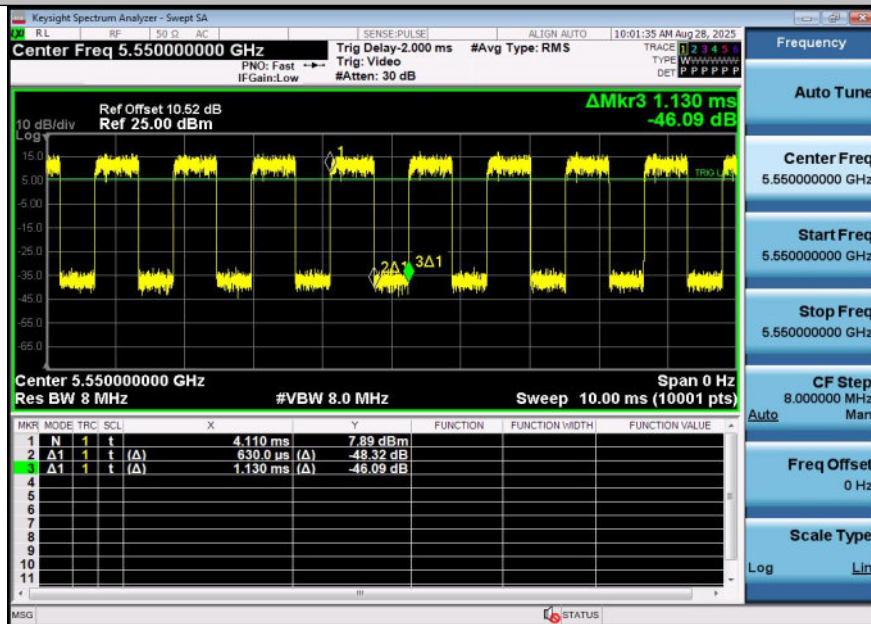
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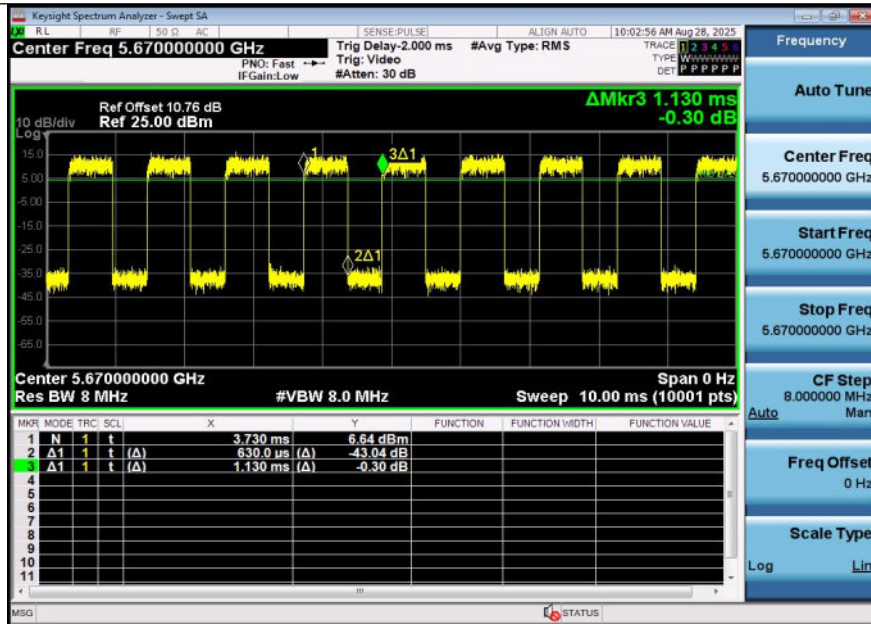


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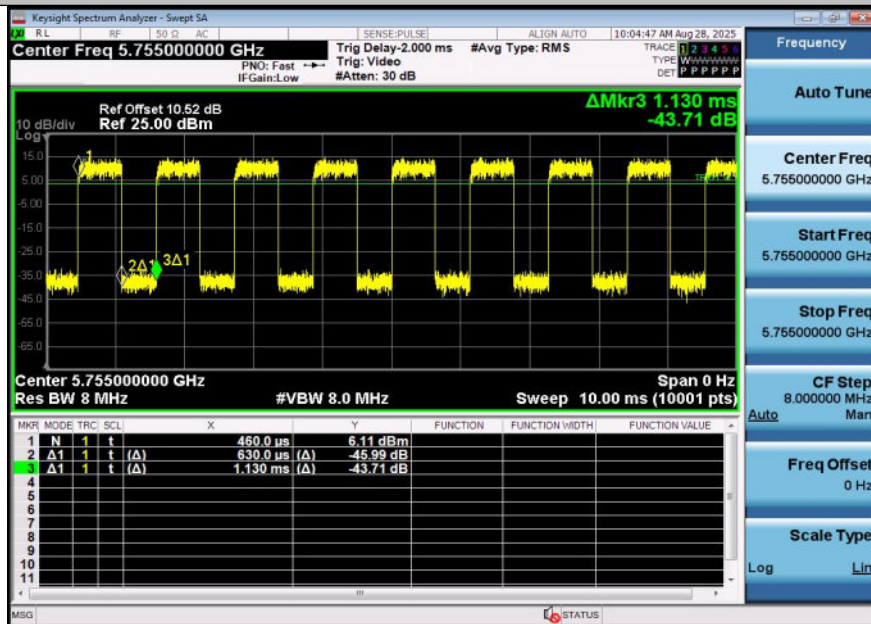
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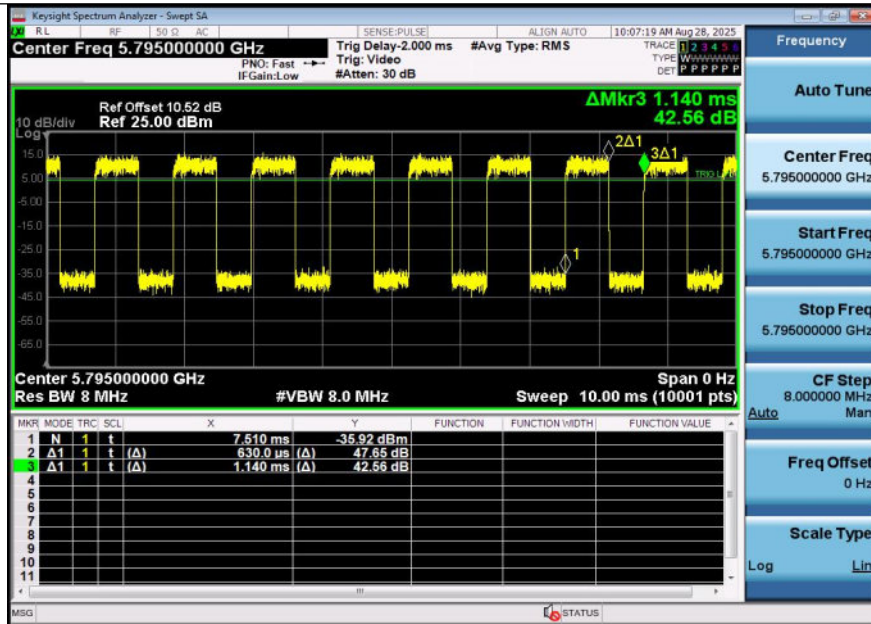
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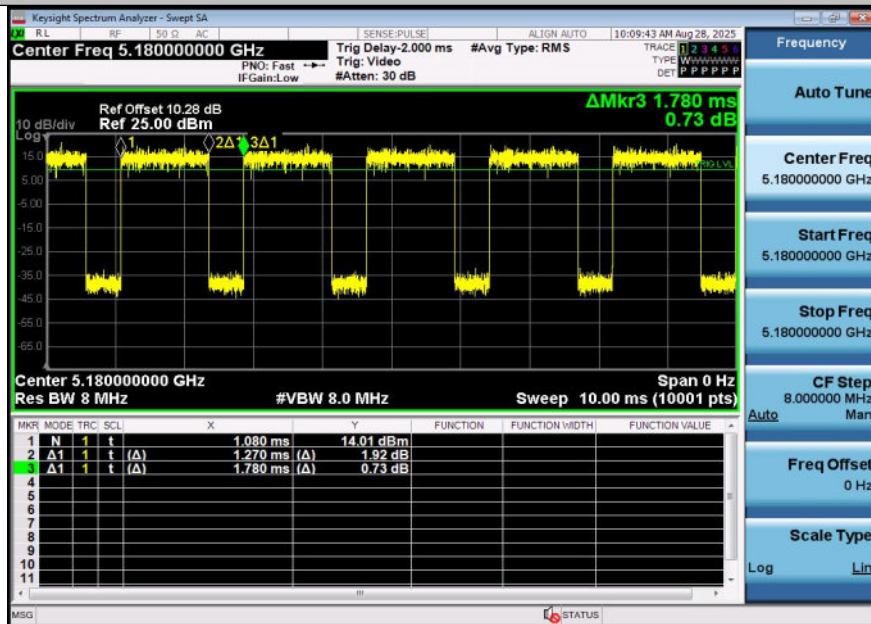
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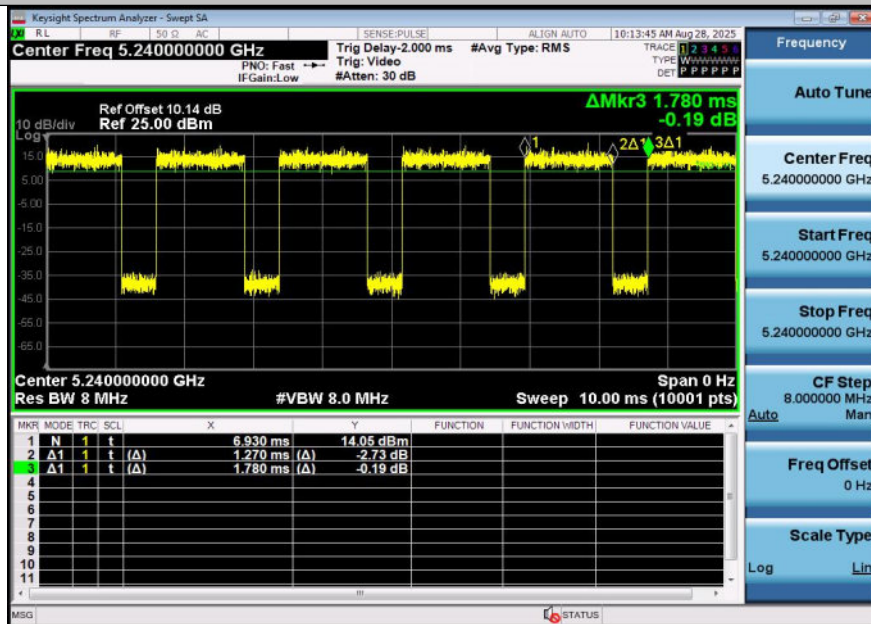
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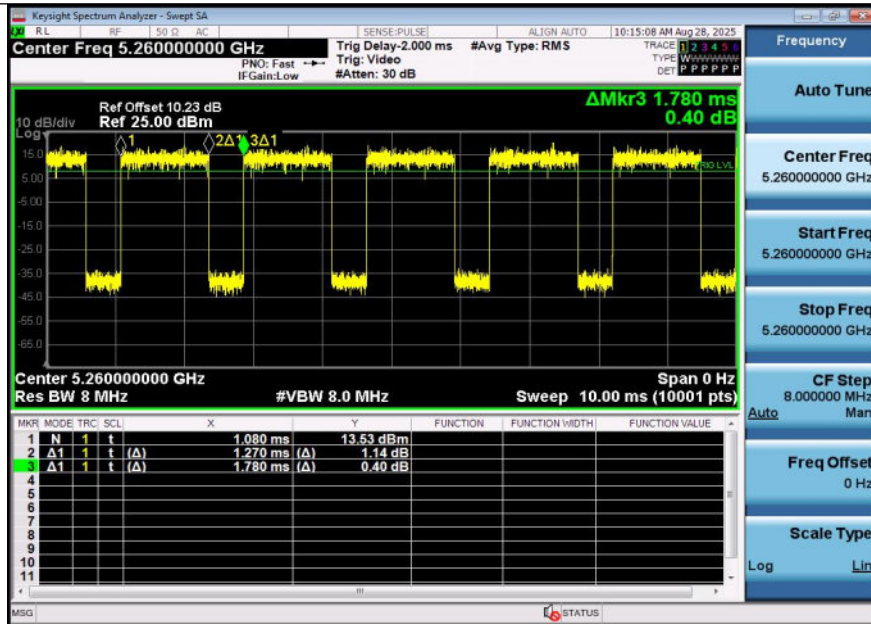
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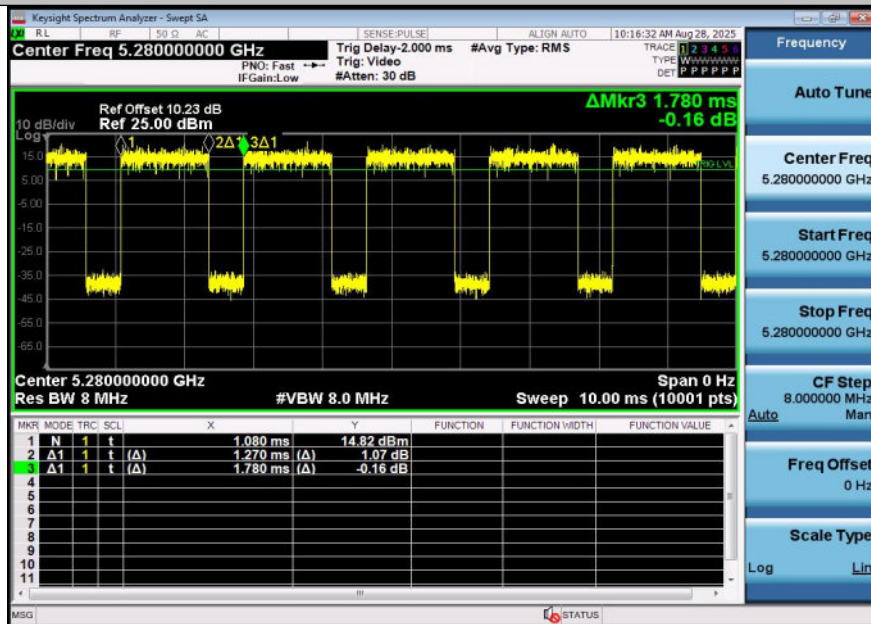
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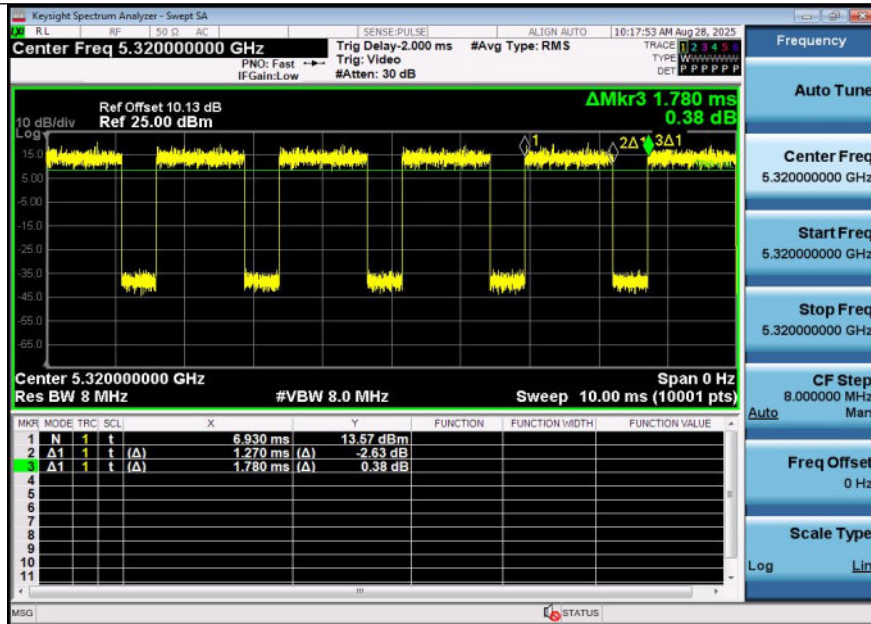


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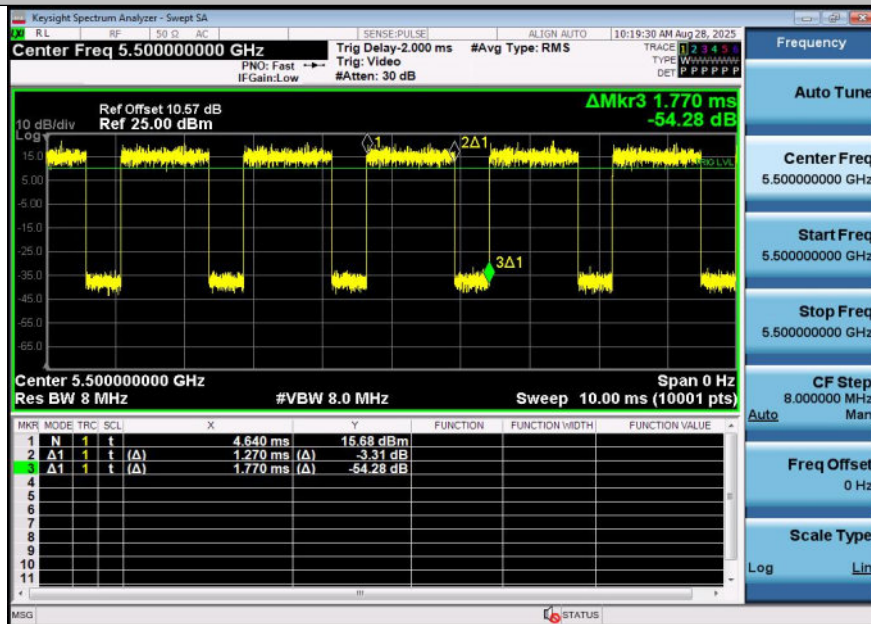
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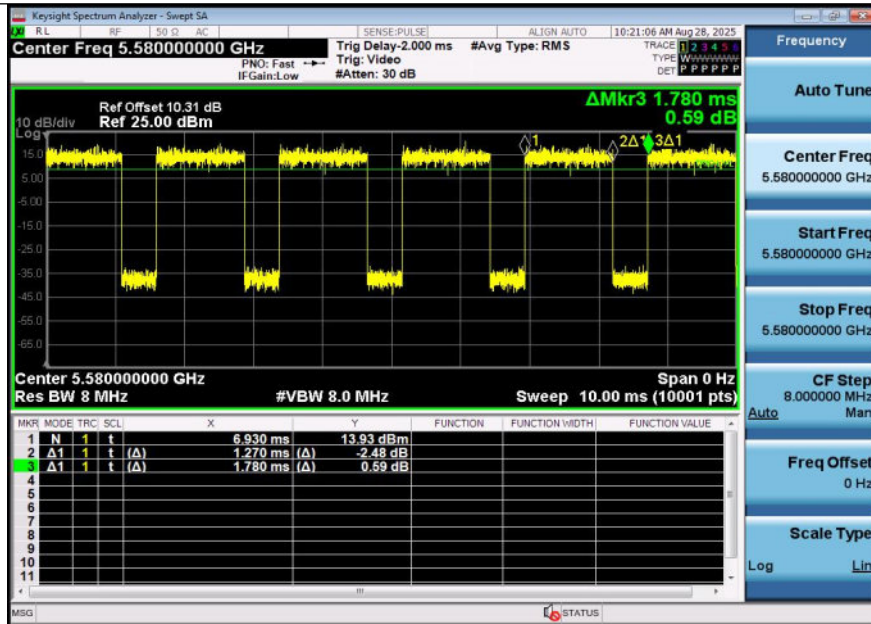
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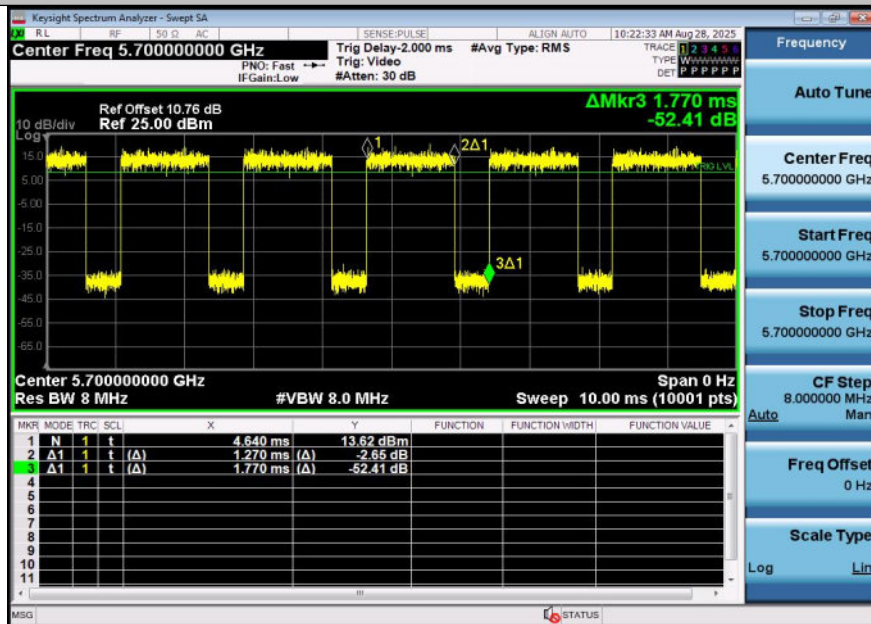
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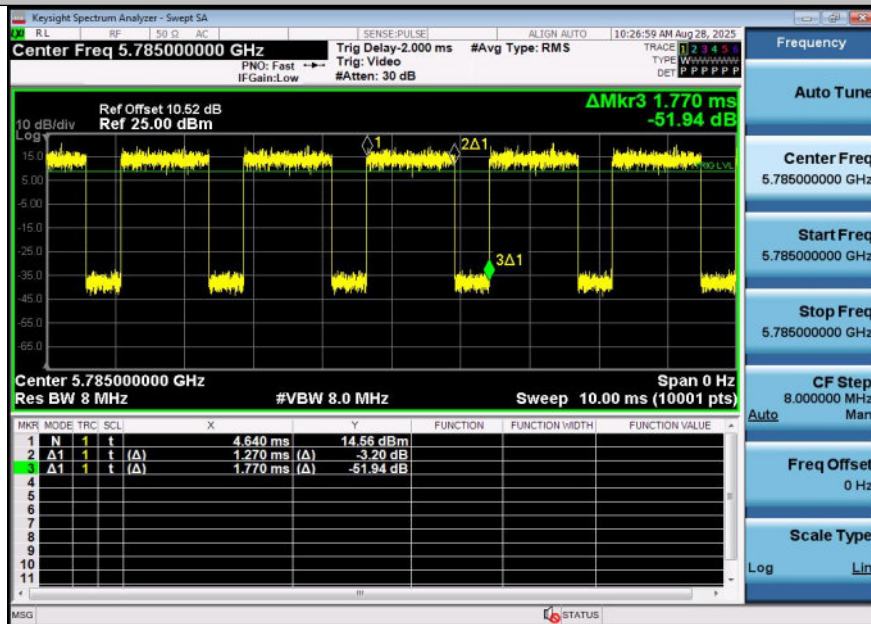
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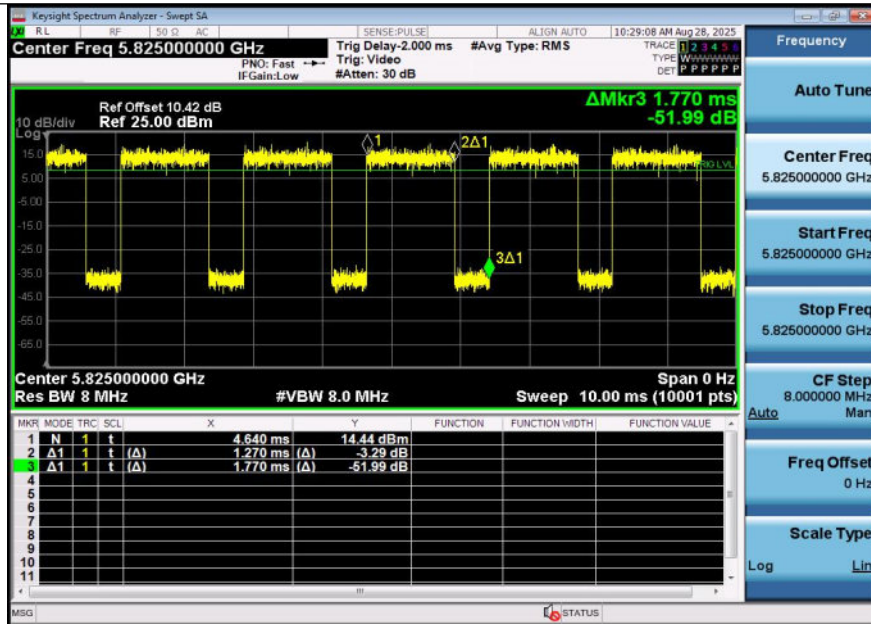
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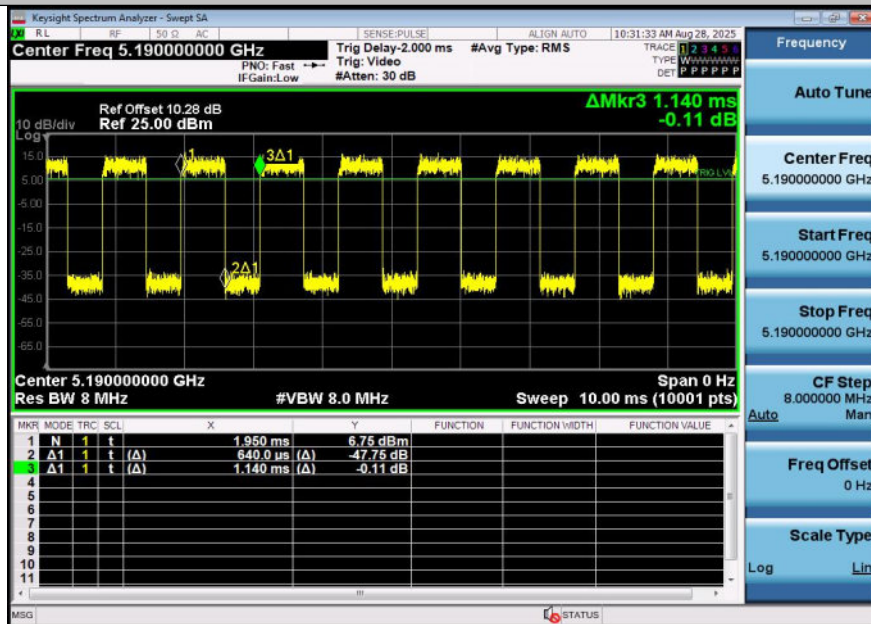
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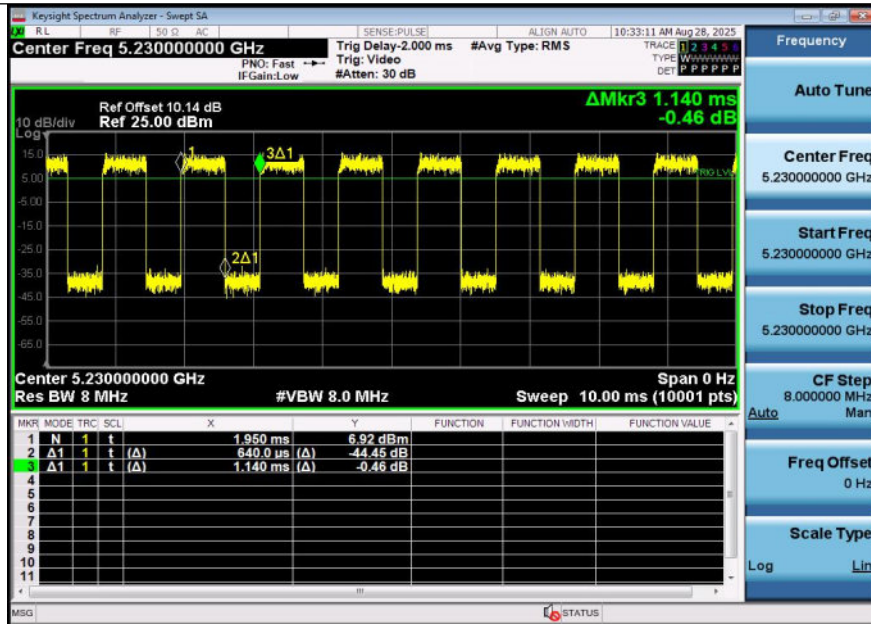


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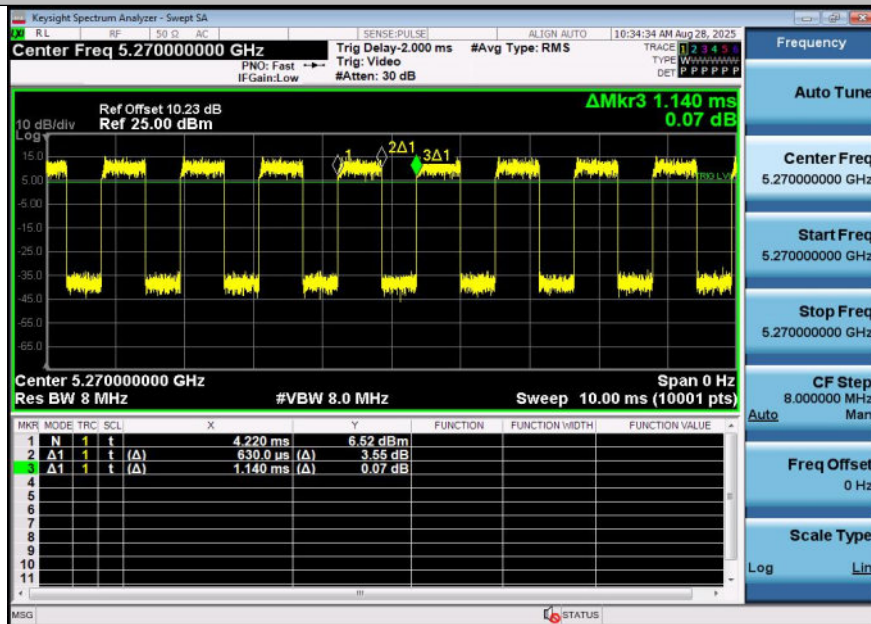
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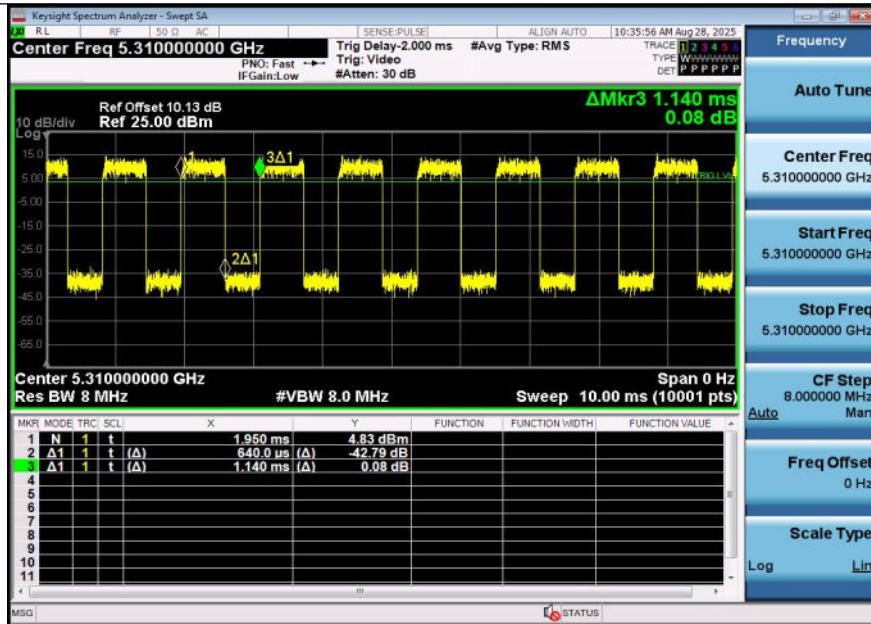
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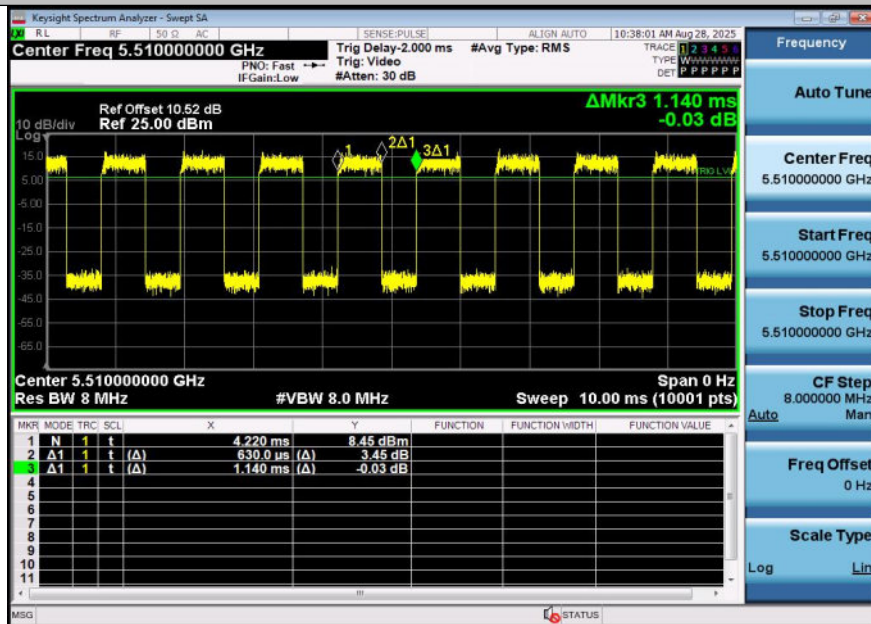
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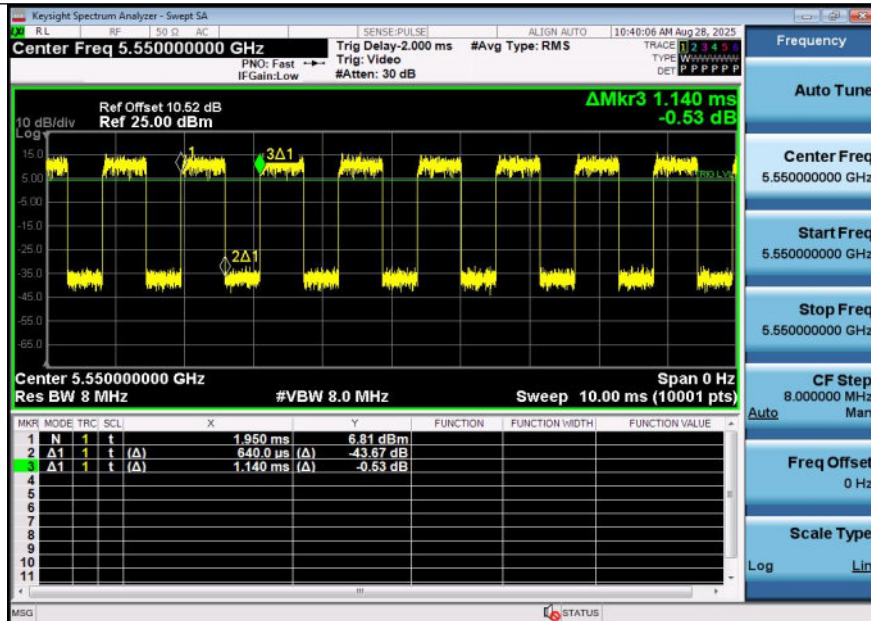


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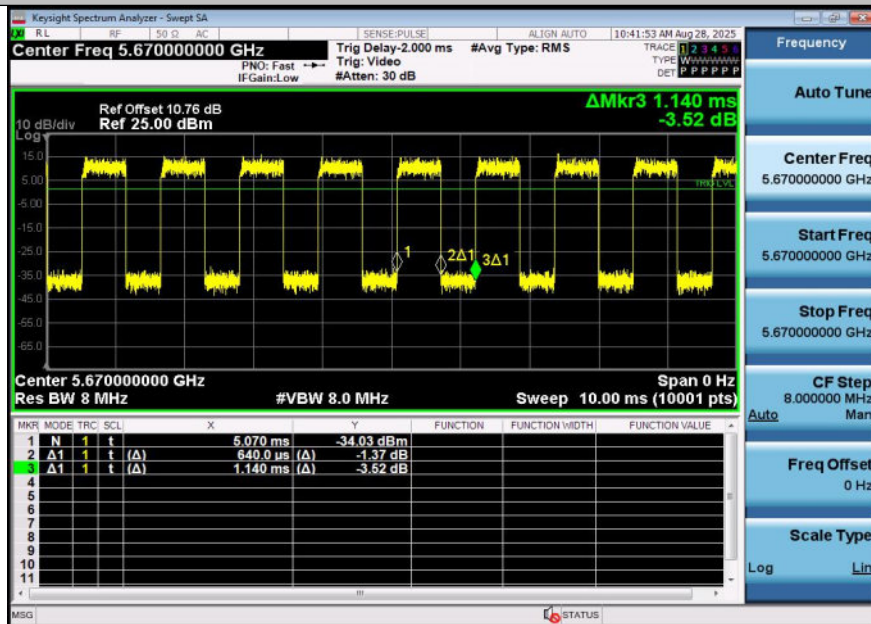
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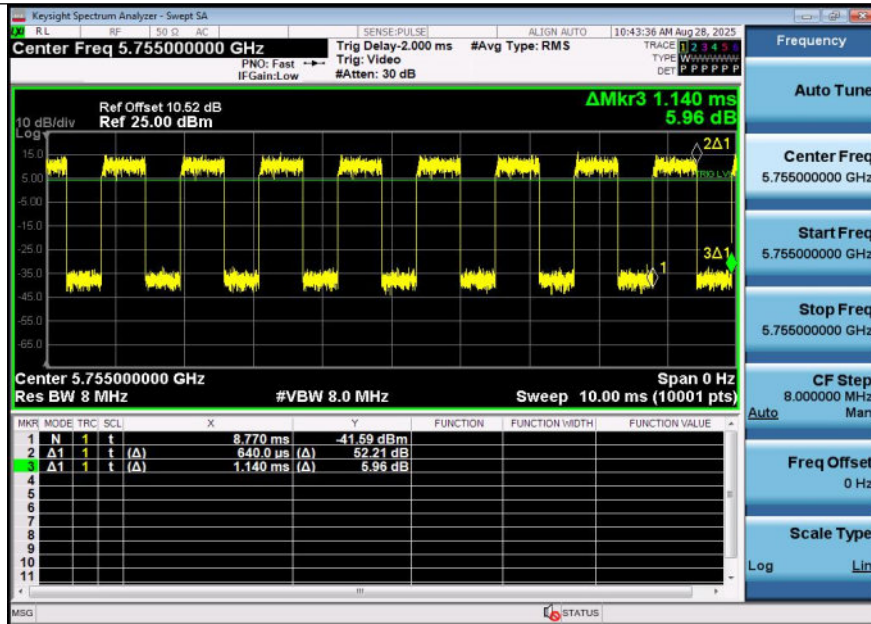
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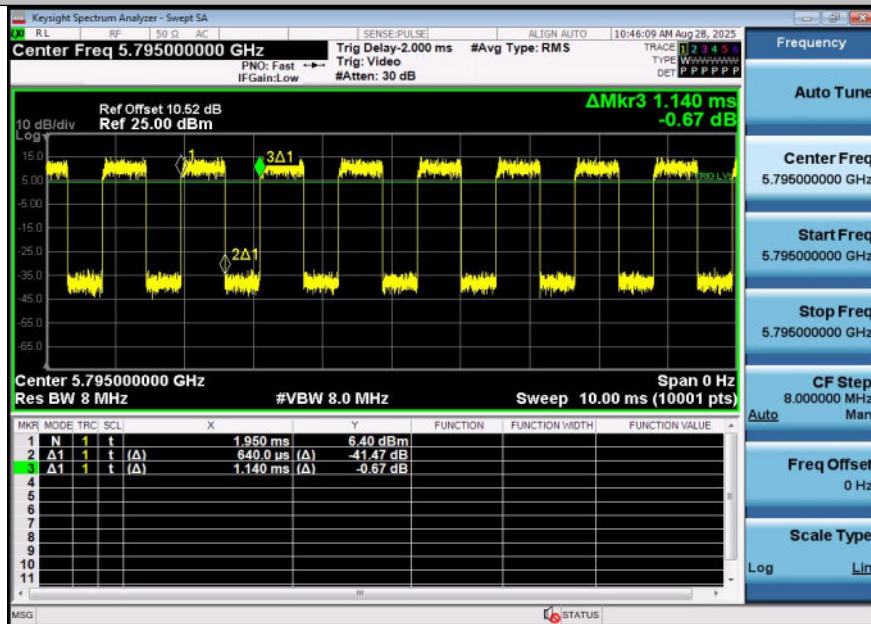
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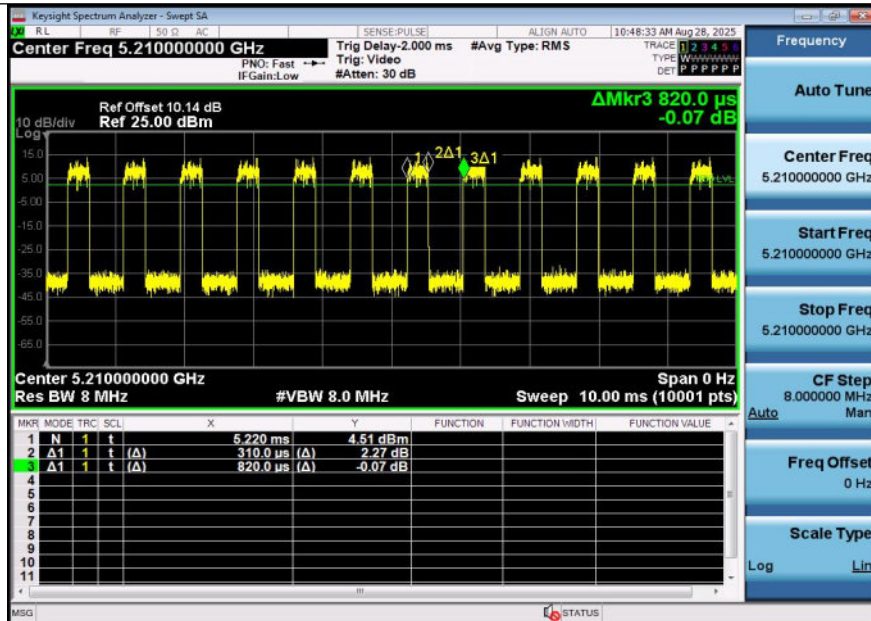
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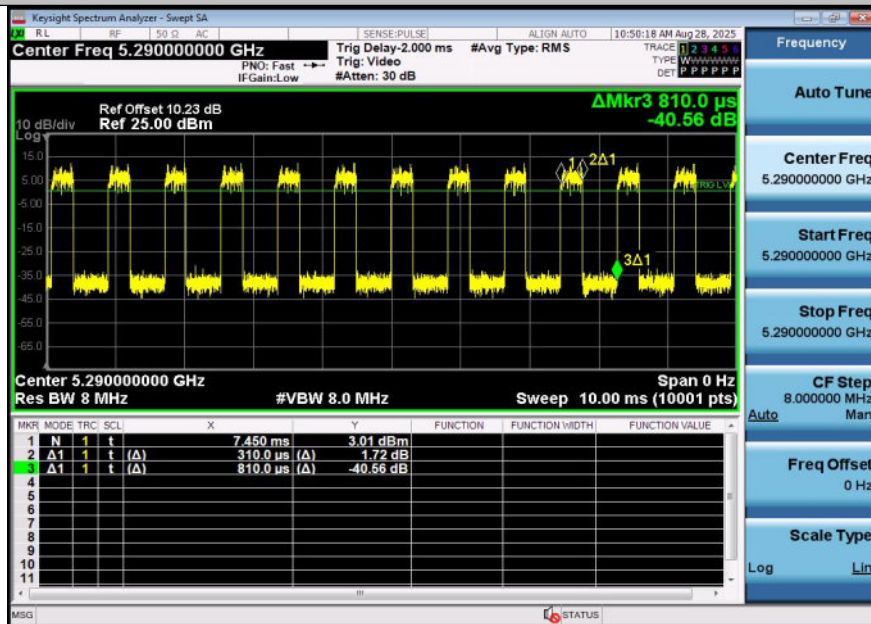
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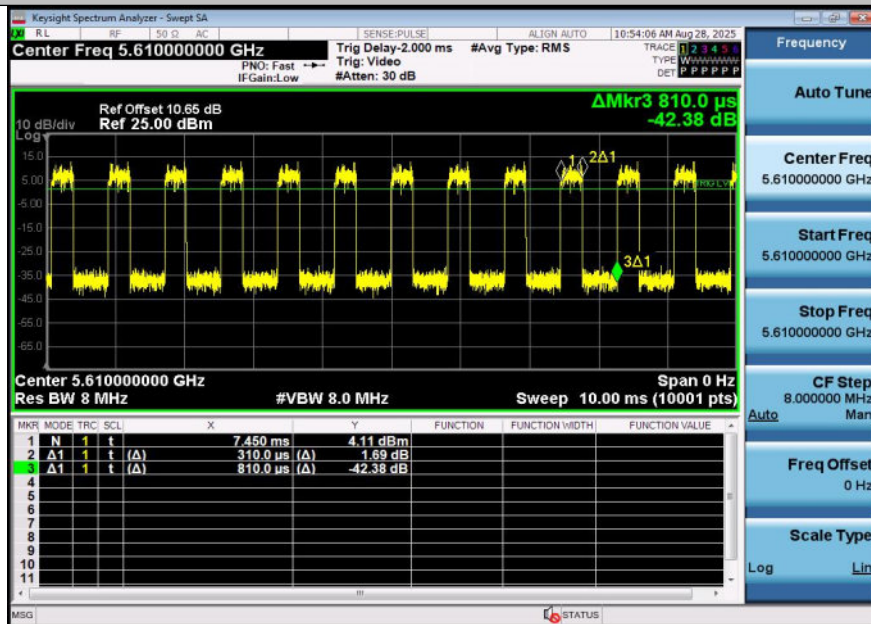
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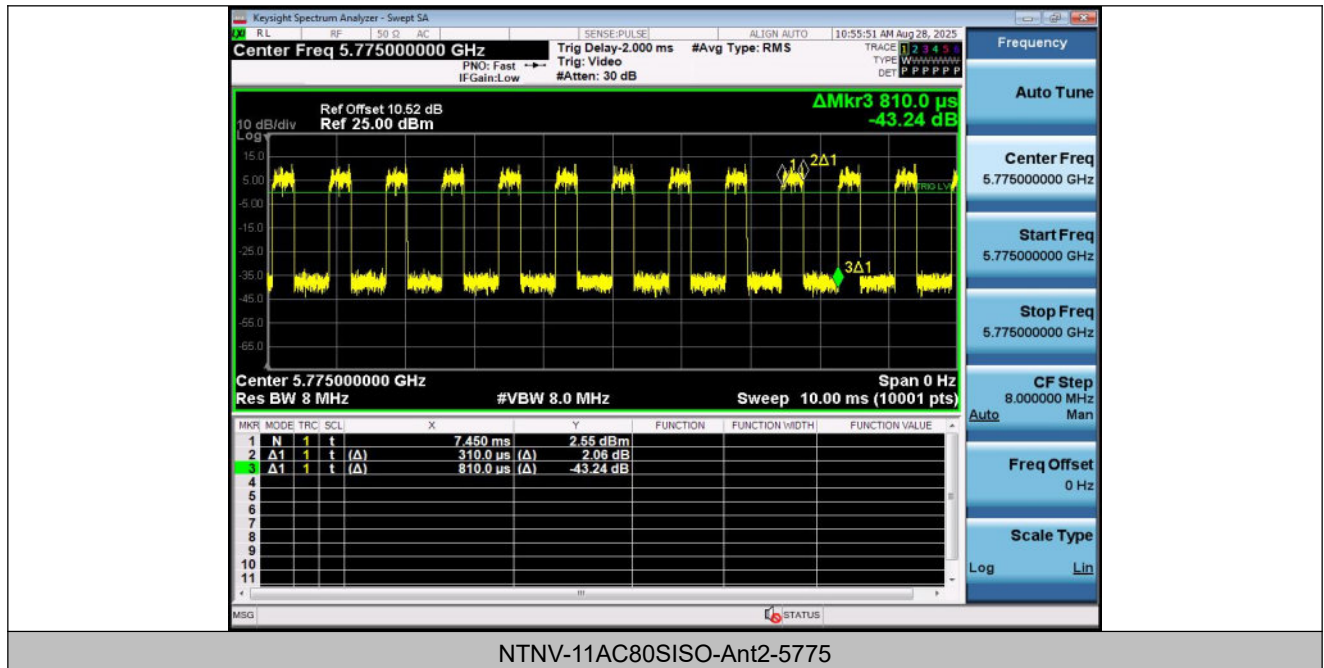
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GRCTR250802012-02





Appendix C: Maximum conducted output power

Test Result Channel Power

Test Mode	Antenna	Frequency[MHz]	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	12.21	72.73	1.38	13.59	≤30.00	PASS
11A	Ant1	5220	12.09	72.73	1.38	13.47	≤30.00	PASS
11A	Ant1	5240	10.91	73.12	1.36	12.27	≤30.00	PASS
11A	Ant1	5260	11.86	72.73	1.38	13.24	≤23.98	PASS
11A	Ant1	5300	11.51	72.73	1.38	12.89	≤23.98	PASS
11A	Ant1	5320	11.48	73.12	1.36	12.84	≤23.98	PASS
11A	Ant1	5500	11.45	72.73	1.38	12.83	≤23.98	PASS
11A	Ant1	5580	11.05	72.73	1.38	12.43	≤23.98	PASS
11A	Ant1	5700	11.75	73.12	1.36	13.11	≤23.98	PASS
11A	Ant1	5745	10.68	73.12	1.36	12.04	≤30.00	PASS
11A	Ant1	5785	11.05	73.12	1.36	12.41	≤30.00	PASS
11A	Ant1	5825	10.61	72.73	1.38	11.99	≤30.00	PASS
11N20SISO	Ant1	5180	11.71	71.91	1.43	13.14	≤30.00	PASS
11N20SISO	Ant1	5220	11.76	71.91	1.43	13.19	≤30.00	PASS
11N20SISO	Ant1	5240	11.28	71.75	1.44	12.72	≤30.00	PASS
11N20SISO	Ant1	5260	11.17	71.75	1.44	12.61	≤23.98	PASS
11N20SISO	Ant1	5300	12.21	71.91	1.43	13.64	≤23.98	PASS
11N20SISO	Ant1	5320	11.30	71.35	1.47	12.77	≤23.98	PASS
11N20SISO	Ant1	5500	11.77	71.91	1.43	13.20	≤23.98	PASS
11N20SISO	Ant1	5580	11.11	71.35	1.47	12.58	≤23.98	PASS
11N20SISO	Ant1	5700	11.45	71.75	1.44	12.89	≤23.98	PASS
11N20SISO	Ant1	5745	11.72	71.75	1.44	13.16	≤30.00	PASS
11N20SISO	Ant1	5785	10.86	71.35	1.47	12.33	≤30.00	PASS
11N20SISO	Ant1	5825	10.68	71.75	1.44	12.12	≤30.00	PASS
11N40SISO	Ant1	5190	11.38	55.26	2.58	13.96	≤30.00	PASS
11N40SISO	Ant1	5230	10.49	55.75	2.54	13.03	≤30.00	PASS
11N40SISO	Ant1	5270	9.72	55.26	2.58	12.30	≤23.98	PASS
11N40SISO	Ant1	5310	10.12	56.14	2.51	12.63	≤23.98	PASS
11N40SISO	Ant1	5510	10.80	55.26	2.58	13.38	≤23.98	PASS
11N40SISO	Ant1	5550	9.90	55.75	2.54	12.44	≤23.98	PASS
11N40SISO	Ant1	5670	10.46	55.75	2.54	13.00	≤23.98	PASS
11N40SISO	Ant1	5755	9.80	55.26	2.58	12.38	≤30.00	PASS
11N40SISO	Ant1	5795	9.67	55.26	2.58	12.25	≤30.00	PASS
11AC20SISO	Ant1	5180	12.15	71.75	1.44	13.59	≤30.00	PASS

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GRCTR250802012-02

11AC20SISO	Ant1	5220	12.21	71.75	1.44	13.65	≤30.00	PASS
11AC20SISO	Ant1	5240	10.98	71.75	1.44	12.42	≤30.00	PASS
11AC20SISO	Ant1	5260	11.14	71.75	1.44	12.58	≤23.98	PASS
11AC20SISO	Ant1	5300	11.65	71.35	1.47	13.12	≤23.98	PASS
11AC20SISO	Ant1	5320	11.01	71.75	1.44	12.45	≤23.98	PASS
11AC20SISO	Ant1	5500	12.22	71.75	1.44	13.66	≤23.98	PASS
11AC20SISO	Ant1	5580	10.66	71.75	1.44	12.10	≤23.98	PASS
11AC20SISO	Ant1	5700	11.62	71.91	1.43	13.05	≤23.98	PASS
11AC20SISO	Ant1	5745	11.73	71.75	1.44	13.17	≤30.00	PASS
11AC20SISO	Ant1	5785	11.09	71.75	1.44	12.53	≤30.00	PASS
11AC20SISO	Ant1	5825	10.71	71.35	1.47	12.18	≤30.00	PASS
11AC40SISO	Ant1	5190	10.95	56.14	2.51	13.46	≤30.00	PASS
11AC40SISO	Ant1	5230	10.35	55.26	2.58	12.93	≤30.00	PASS
11AC40SISO	Ant1	5270	9.90	56.14	2.51	12.41	≤23.98	PASS
11AC40SISO	Ant1	5310	10.58	55.26	2.58	13.16	≤23.98	PASS
11AC40SISO	Ant1	5510	10.75	56.14	2.51	13.26	≤23.98	PASS
11AC40SISO	Ant1	5550	9.80	55.26	2.58	12.38	≤23.98	PASS
11AC40SISO	Ant1	5670	10.30	55.26	2.58	12.88	≤23.98	PASS
11AC40SISO	Ant1	5755	10.22	56.14	2.51	12.73	≤30.00	PASS
11AC40SISO	Ant1	5795	9.93	56.14	2.51	12.44	≤30.00	PASS
11AC80SISO	Ant1	5210	9.04	39.02	4.09	13.13	≤30.00	PASS
11AC80SISO	Ant1	5290	8.66	39.02	4.09	12.75	≤23.98	PASS
11AC80SISO	Ant1	5530	8.63	39.02	4.09	12.72	≤23.98	PASS
11AC80SISO	Ant1	5610	8.19	38.27	4.17	12.36	≤23.98	PASS
11AC80SISO	Ant1	5775	7.49	38.27	4.17	11.66	≤30.00	PASS

Test Mode	Antenna	Frequency[MHz]	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant2	5180	12.23	73.12	1.36	13.59	≤30.00	PASS
11A	Ant2	5220	12.38	72.73	1.38	13.76	≤30.00	PASS
11A	Ant2	5240	11.62	73.12	1.36	12.98	≤30.00	PASS
11A	Ant2	5260	11.30	72.58	1.39	12.69	≤23.98	PASS
11A	Ant2	5300	11.68	72.73	1.38	13.06	≤23.98	PASS
11A	Ant2	5320	10.97	73.12	1.36	12.33	≤23.98	PASS
11A	Ant2	5500	11.76	73.12	1.36	13.12	≤23.98	PASS
11A	Ant2	5580	12.33	73.12	1.36	13.69	≤23.98	PASS
11A	Ant2	5700	10.72	73.12	1.36	12.08	≤23.98	PASS
11A	Ant2	5745	10.85	72.73	1.38	12.23	≤30.00	PASS
11A	Ant2	5785	10.94	72.73	1.38	12.32	≤30.00	PASS

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Fenghuang Street, Guangming District, Shenzhen, China

FCC ID:2BLJV-R-W52508

GRCTR250802012-02

11A	Ant2	5825	11.06	73.12	1.36	12.42	≤30.00	PASS
11N20SISO	Ant2	5180	12.11	71.91	1.43	13.54	≤30.00	PASS
11N20SISO	Ant2	5220	11.92	71.75	1.44	13.36	≤30.00	PASS
11N20SISO	Ant2	5240	11.22	71.91	1.43	12.65	≤30.00	PASS
11N20SISO	Ant2	5260	10.74	71.35	1.47	12.21	≤23.98	PASS
11N20SISO	Ant2	5300	11.48	71.35	1.47	12.95	≤23.98	PASS
11N20SISO	Ant2	5320	10.54	71.35	1.47	12.01	≤23.98	PASS
11N20SISO	Ant2	5500	12.39	71.75	1.44	13.83	≤23.98	PASS
11N20SISO	Ant2	5580	11.73	71.75	1.44	13.17	≤23.98	PASS
11N20SISO	Ant2	5700	10.71	71.35	1.47	12.18	≤23.98	PASS
11N20SISO	Ant2	5745	11.31	71.91	1.43	12.74	≤30.00	PASS
11N20SISO	Ant2	5785	11.08	71.91	1.43	12.51	≤30.00	PASS
11N20SISO	Ant2	5825	10.77	71.35	1.47	12.24	≤30.00	PASS
11N40SISO	Ant2	5190	10.80	55.26	2.58	13.38	≤30.00	PASS
11N40SISO	Ant2	5230	10.51	55.26	2.58	13.09	≤30.00	PASS
11N40SISO	Ant2	5270	10.80	55.26	2.58	13.38	≤23.98	PASS
11N40SISO	Ant2	5310	10.27	55.26	2.58	12.85	≤23.98	PASS
11N40SISO	Ant2	5510	11.19	55.75	2.54	13.73	≤23.98	PASS
11N40SISO	Ant2	5550	11.24	55.75	2.54	13.78	≤23.98	PASS
11N40SISO	Ant2	5670	9.79	55.75	2.54	12.33	≤23.98	PASS
11N40SISO	Ant2	5755	9.67	55.75	2.54	12.21	≤30.00	PASS
11N40SISO	Ant2	5795	9.97	55.26	2.58	12.55	≤30.00	PASS
11AC20SISO	Ant2	5180	11.92	71.35	1.47	13.39	≤30.00	PASS
11AC20SISO	Ant2	5220	12.15	71.75	1.44	13.59	≤30.00	PASS
11AC20SISO	Ant2	5240	11.36	71.35	1.47	12.83	≤30.00	PASS
11AC20SISO	Ant2	5260	10.70	71.35	1.47	12.17	≤23.98	PASS
11AC20SISO	Ant2	5300	12.03	71.35	1.47	13.50	≤23.98	PASS
11AC20SISO	Ant2	5320	11.18	71.35	1.47	12.65	≤23.98	PASS
11AC20SISO	Ant2	5500	12.56	71.75	1.44	14.00	≤23.98	PASS
11AC20SISO	Ant2	5580	11.34	71.35	1.47	12.81	≤23.98	PASS
11AC20SISO	Ant2	5700	11.07	71.75	1.44	12.51	≤23.98	PASS
11AC20SISO	Ant2	5745	12.02	71.75	1.44	13.46	≤30.00	PASS
11AC20SISO	Ant2	5785	11.47	71.75	1.44	12.91	≤30.00	PASS
11AC20SISO	Ant2	5825	11.24	71.75	1.44	12.68	≤30.00	PASS
11AC40SISO	Ant2	5190	10.97	56.14	2.51	13.48	≤30.00	PASS
11AC40SISO	Ant2	5230	10.37	56.14	2.51	12.88	≤30.00	PASS
11AC40SISO	Ant2	5270	9.55	55.26	2.58	12.13	≤23.98	PASS
11AC40SISO	Ant2	5310	10.12	56.14	2.51	12.63	≤23.98	PASS
11AC40SISO	Ant2	5510	10.78	55.26	2.58	13.36	≤23.98	PASS
11AC40SISO	Ant2	5550	10.26	56.14	2.51	12.77	≤23.98	PASS

**Shenzhen GUOREN Certification Technology Service Co., Ltd.**101#, Building K & Building T, The Second Industrial Zone, Jiazitang Community,
Fenghuang Street, Guangming District, Shenzhen, China

FCC ID:2BLJV-R-W52508

GRCTR250802012-02

11AC40SISO	Ant2	5670	9.72	56.14	2.51	12.23	≤23.98	PASS
11AC40SISO	Ant2	5755	9.74	56.14	2.51	12.25	≤30.00	PASS
11AC40SISO	Ant2	5795	9.45	56.14	2.51	11.96	≤30.00	PASS
11AC80SISO	Ant2	5210	9.44	37.80	4.23	13.67	≤30.00	PASS
11AC80SISO	Ant2	5290	8.19	38.27	4.17	12.36	≤23.98	PASS
11AC80SISO	Ant2	5530	9.64	39.02	4.09	13.73	≤23.98	PASS
11AC80SISO	Ant2	5610	8.07	38.27	4.17	12.24	≤23.98	PASS
11AC80SISO	Ant2	5775	8.06	38.27	4.17	12.23	≤30.00	PASS

MIMO

Test Mode	Frequency[MHz]	Ant 1 Result [dBm]	Ant 2 Result [dBm]	MIMO Result [dBm]	Limit [dBm]	Verdict
11N20SISO	5180	13.14	13.54	16.35	≤27.82	PASS
11N20SISO	5220	13.19	13.36	16.29	≤27.82	PASS
11N20SISO	5240	12.72	12.65	15.70	≤27.82	PASS
11N20SISO	5260	12.61	12.21	15.42	≤21.80	PASS
11N20SISO	5300	13.64	12.95	16.32	≤21.80	PASS
11N20SISO	5320	12.77	12.01	15.42	≤21.80	PASS
11N20SISO	5500	13.20	13.83	16.54	≤21.80	PASS
11N20SISO	5580	12.58	13.17	15.90	≤21.80	PASS
11N20SISO	5700	12.89	12.18	15.56	≤21.80	PASS
11N20SISO	5745	13.16	12.74	15.97	≤27.82	PASS
11N20SISO	5785	12.33	12.51	15.43	≤27.82	PASS
11N20SISO	5825	12.12	12.24	15.19	≤27.82	PASS
11N40SISO	5190	13.96	13.38	16.69	≤27.82	PASS
11N40SISO	5230	13.03	13.09	16.07	≤27.82	PASS
11N40SISO	5270	12.30	13.38	15.88	≤21.80	PASS
11N40SISO	5310	12.63	12.85	15.75	≤21.80	PASS
11N40SISO	5510	13.38	13.73	16.57	≤21.80	PASS
11N40SISO	5550	12.44	13.78	16.17	≤21.80	PASS
11N40SISO	5670	13.00	12.33	15.69	≤21.80	PASS
11N40SISO	5755	12.38	12.21	15.31	≤27.82	PASS
11N40SISO	5795	12.25	12.55	15.41	≤27.82	PASS
11AC20SISO	5180	13.59	13.39	16.50	≤27.82	PASS
11AC20SISO	5220	13.65	13.59	16.63	≤27.82	PASS
11AC20SISO	5240	12.42	12.83	15.64	≤27.82	PASS
11AC20SISO	5260	12.58	12.17	15.39	≤21.80	PASS
11AC20SISO	5300	13.12	13.50	16.32	≤21.80	PASS
11AC20SISO	5320	12.45	12.65	15.56	≤21.80	PASS



Shenzhen GUOREN Certification Technology Service Co., Ltd.

101#, Building K & Building T, The Second Industrial Zone, Jiazitang Community,
Fenghuang Street, Guangming District, Shenzhen, China

FCC ID:2BLJV-R-W52508

GRCTR250802012-02

11AC20SISO	5500	13.66	14.00	16.84	≤21.80	PASS
11AC20SISO	5580	12.10	12.81	15.48	≤21.80	PASS
11AC20SISO	5700	13.05	12.51	15.80	≤21.80	PASS
11AC20SISO	5745	13.17	13.46	16.33	≤27.82	PASS
11AC20SISO	5785	12.53	12.91	15.73	≤27.82	PASS
11AC20SISO	5825	12.18	12.68	15.45	≤27.82	PASS
11AC40SISO	5190	13.46	13.48	16.48	≤27.82	PASS
11AC40SISO	5230	12.93	12.88	15.92	≤27.82	PASS
11AC40SISO	5270	12.41	12.13	15.28	≤21.80	PASS
11AC40SISO	5310	13.16	12.63	15.91	≤21.80	PASS
11AC40SISO	5510	13.26	13.36	16.32	≤21.80	PASS
11AC40SISO	5550	12.38	12.77	15.59	≤21.80	PASS
11AC40SISO	5670	12.88	12.23	15.58	≤21.80	PASS
11AC40SISO	5755	12.73	12.25	15.51	≤27.82	PASS
11AC40SISO	5795	12.44	11.96	15.22	≤27.82	PASS
11AC80SISO	5210	13.13	13.67	16.42	≤27.82	PASS
11AC80SISO	5290	12.75	12.36	15.57	≤21.80	PASS
11AC80SISO	5530	12.72	13.73	16.26	≤21.80	PASS
11AC80SISO	5610	12.36	12.24	15.31	≤21.80	PASS
11AC80SISO	5775	11.66	12.23	14.96	≤27.82	PASS

Remark: Directional gain is 8.18dBi.



Appendix D: Maximum power spectral density

Test Result

Test Mode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	2.47	≤11.00	PASS
11A	Ant1	5200	1.97	≤11.00	PASS
11A	Ant1	5240	1.23	≤11.00	PASS
11A	Ant1	5260	1.81	≤11.00	PASS
11A	Ant1	5280	1.64	≤11.00	PASS
11A	Ant1	5320	1.80	≤11.00	PASS
11A	Ant1	5500	2.37	≤11.00	PASS
11A	Ant1	5580	1.52	≤11.00	PASS
11A	Ant1	5700	2.23	≤11.00	PASS
11A	Ant1	5745	-1.71	≤30.00	PASS
11A	Ant1	5785	-0.94	≤30.00	PASS
11A	Ant1	5825	-1.60	≤30.00	PASS
11N20SISO	Ant1	5180	1.95	≤11.00	PASS
11N20SISO	Ant1	5200	1.83	≤11.00	PASS
11N20SISO	Ant1	5240	1.60	≤11.00	PASS
11N20SISO	Ant1	5260	1.19	≤11.00	PASS
11N20SISO	Ant1	5280	2.30	≤11.00	PASS
11N20SISO	Ant1	5320	1.70	≤11.00	PASS
11N20SISO	Ant1	5500	2.00	≤11.00	PASS
11N20SISO	Ant1	5580	1.32	≤11.00	PASS
11N20SISO	Ant1	5700	1.80	≤11.00	PASS
11N20SISO	Ant1	5745	-0.80	≤30.00	PASS
11N20SISO	Ant1	5785	-1.62	≤30.00	PASS
11N20SISO	Ant1	5825	-1.88	≤30.00	PASS
11N40SISO	Ant1	5190	-0.24	≤11.00	PASS
11N40SISO	Ant1	5230	-0.57	≤11.00	PASS
11N40SISO	Ant1	5270	-1.27	≤11.00	PASS
11N40SISO	Ant1	5310	-1.31	≤11.00	PASS
11N40SISO	Ant1	5510	-0.43	≤11.00	PASS
11N40SISO	Ant1	5550	-1.38	≤11.00	PASS
11N40SISO	Ant1	5670	-0.79	≤11.00	PASS
11N40SISO	Ant1	5755	-3.93	≤30.00	PASS
11N40SISO	Ant1	5795	-3.96	≤30.00	PASS
11AC20SISO	Ant1	5180	2.37	≤11.00	PASS
11AC20SISO	Ant1	5200	2.45	≤11.00	PASS

**Shenzhen GUOREN Certification Technology Service Co., Ltd.**

101#, Building K & Building T, The Second Industrial Zone, Jiazitang Community,
Fenghuang Street, Guangming District, Shenzhen, China

FCC ID:2BLJV-R-W52508

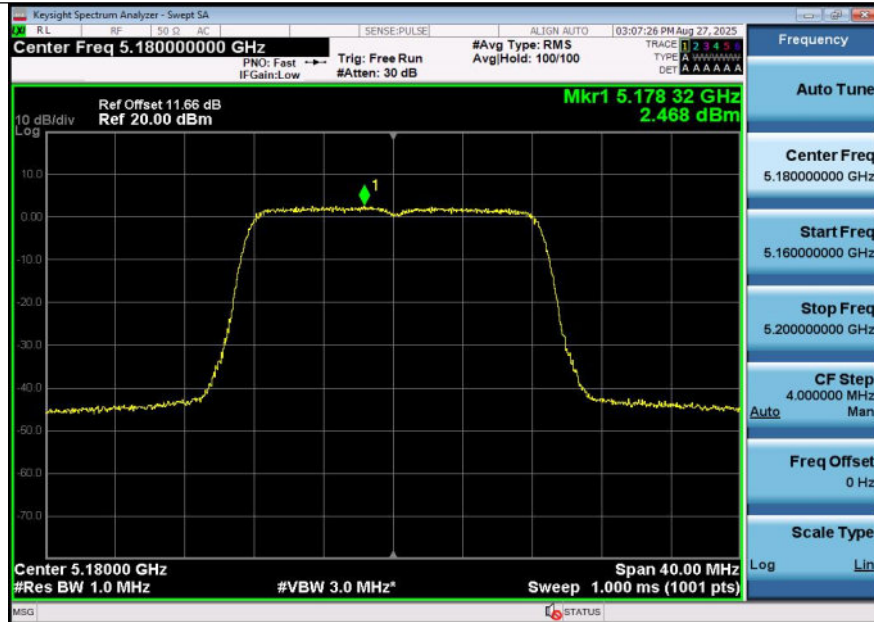
GRCTR250802012-02

11AC20SISO	Ant1	5240	1.14	≤11.00	PASS
11AC20SISO	Ant1	5260	1.35	≤11.00	PASS
11AC20SISO	Ant1	5280	2.21	≤11.00	PASS
11AC20SISO	Ant1	5320	0.79	≤11.00	PASS
11AC20SISO	Ant1	5500	2.82	≤11.00	PASS
11AC20SISO	Ant1	5580	1.15	≤11.00	PASS
11AC20SISO	Ant1	5700	1.86	≤11.00	PASS
11AC20SISO	Ant1	5745	-0.85	≤30.00	PASS
11AC20SISO	Ant1	5785	-1.28	≤30.00	PASS
11AC20SISO	Ant1	5825	-1.74	≤30.00	PASS
11AC40SISO	Ant1	5190	0.07	≤11.00	PASS
11AC40SISO	Ant1	5230	-0.51	≤11.00	PASS
11AC40SISO	Ant1	5270	-1.23	≤11.00	PASS
11AC40SISO	Ant1	5310	-0.45	≤11.00	PASS
11AC40SISO	Ant1	5510	-0.49	≤11.00	PASS
11AC40SISO	Ant1	5550	-1.27	≤11.00	PASS
11AC40SISO	Ant1	5670	-0.64	≤11.00	PASS
11AC40SISO	Ant1	5755	-3.86	≤30.00	PASS
11AC40SISO	Ant1	5795	-3.98	≤30.00	PASS
11AC80SISO	Ant1	5210	-3.14	≤11.00	PASS
11AC80SISO	Ant1	5290	-2.65	≤11.00	PASS
11AC80SISO	Ant1	5530	-3.27	≤11.00	PASS
11AC80SISO	Ant1	5610	-4.23	≤11.00	PASS
11AC80SISO	Ant1	5775	-7.83	≤30.00	PASS

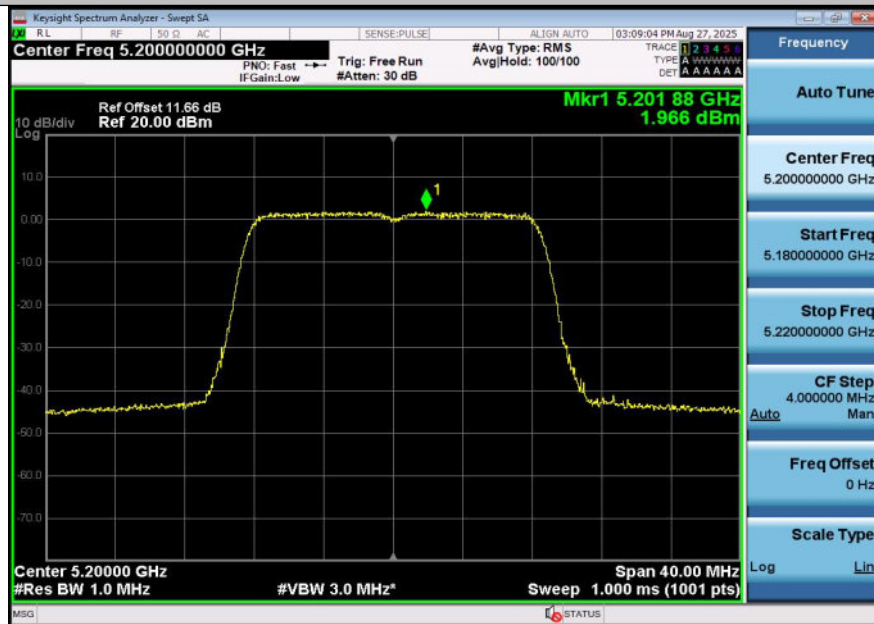
Note: The Duty Cycle Factor and RBW Factor is compensated in the graph.



Test Graphs



11A-Ant1-5180-PASS



11A-Ant1-5200-PASS

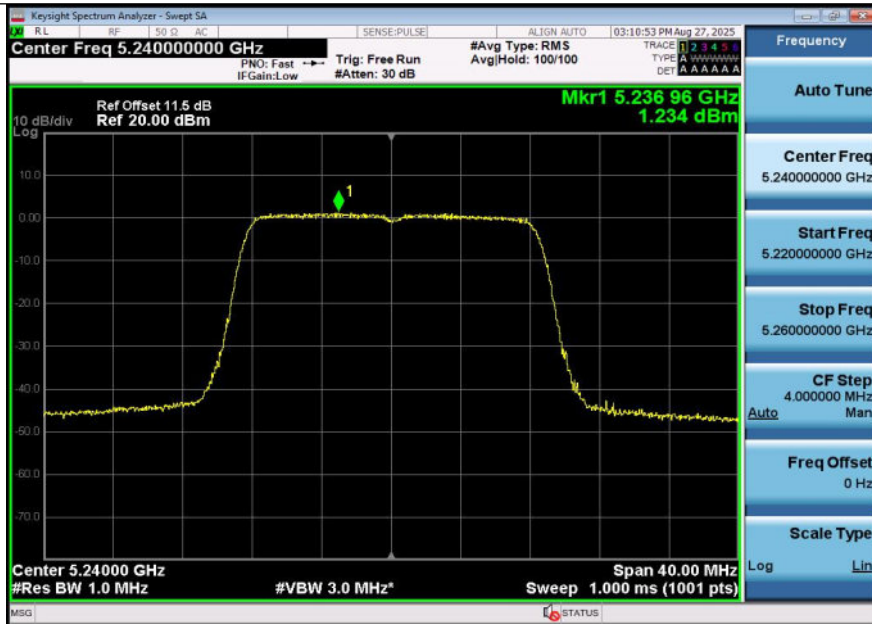


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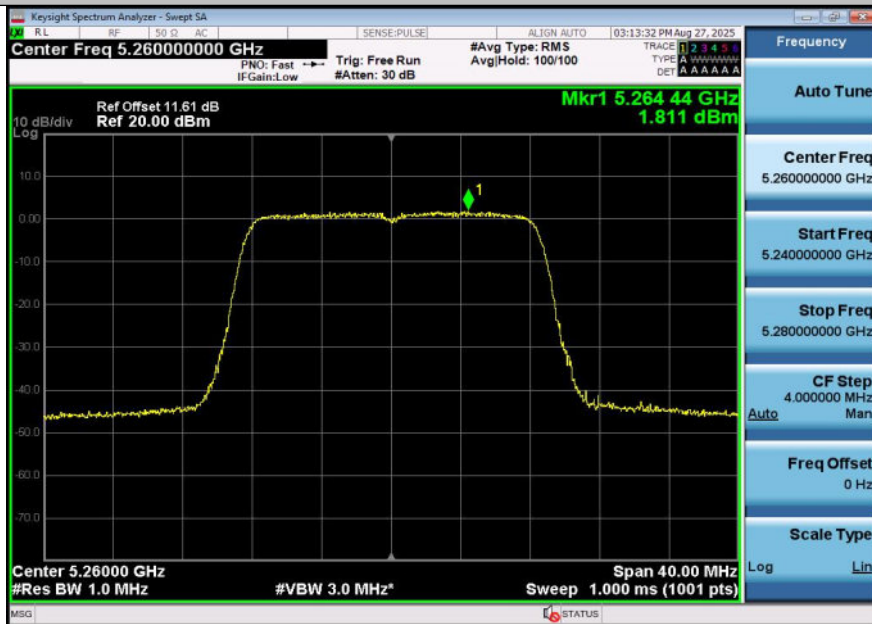
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FCC ID:2BLJV-R-W52508

GRCTR250802012-02



11A-Ant1-5240-PASS



11A-Ant1-5260-PASS

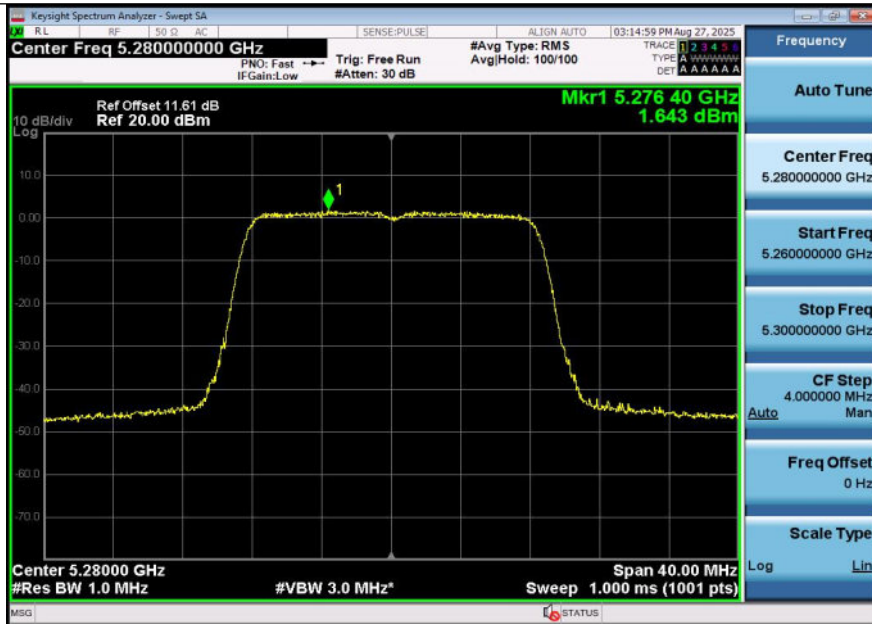


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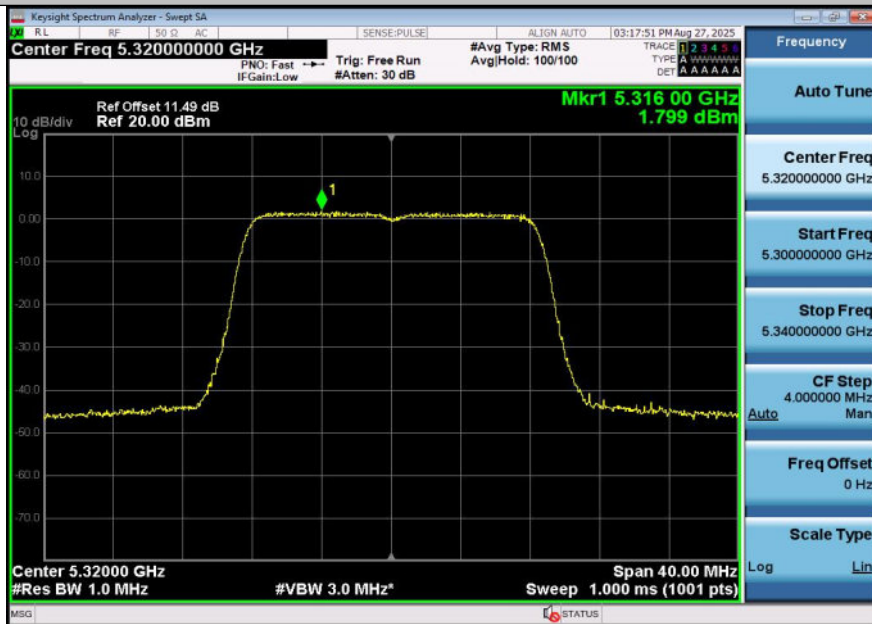
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GRCTR250802012-02



11A-Ant1-5280-PASS



11A-Ant1-5320-PASS

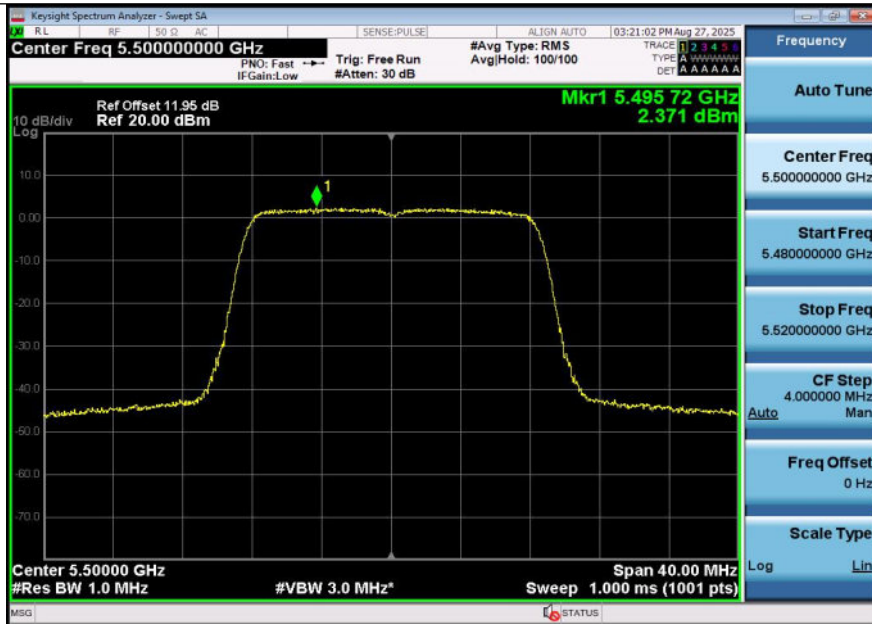


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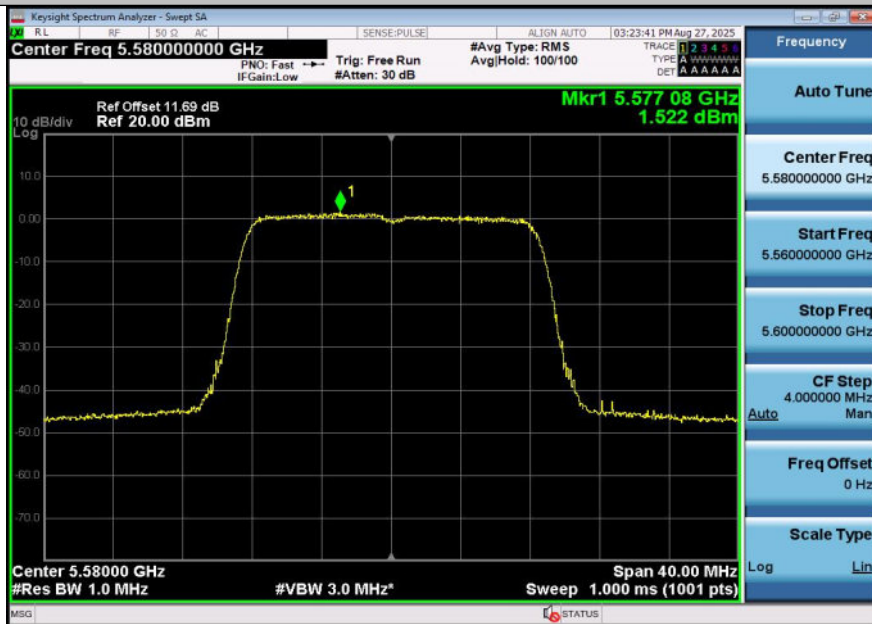
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FCC ID:2BLJV-R-W52508

GRCTR250802012-02



11A-Ant1-5500-PASS



11A-Ant1-5580-PASS