

Appendix B: Duty Cycle

Test Result

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Dc Factor [%]	1/T
11A	Ant1	5180	5.09	15.11	33.69	4.72	0.20
11A	Ant1	5200	5.08	15.11	33.62	4.73	0.20
11A	Ant1	5240	5.08	15.10	33.64	4.73	0.20
11A	Ant1	5260	5.09	15.11	33.69	4.72	0.20
11A	Ant1	5300	5.09	15.11	33.69	4.72	0.20
11A	Ant1	5320	5.09	15.11	33.69	4.72	0.20
11A	Ant1	5500	5.09	15.11	33.69	4.72	0.20
11A	Ant1	5580	5.08	15.10	33.64	4.73	0.20
11A	Ant1	5700	5.09	15.11	33.69	4.72	0.20
11A	Ant1	5745	5.09	15.11	33.69	4.72	0.20
11A	Ant1	5785	5.09	15.10	33.71	4.72	0.20
11A	Ant1	5825	5.09	15.11	33.69	4.72	0.20
11N20SISO	Ant1	5180	5.09	15.11	33.69	4.72	0.20
11N20SISO	Ant1	5220	5.09	15.11	33.69	4.72	0.20
11N20SISO	Ant1	5240	5.10	15.12	33.73	4.72	0.20
11N20SISO	Ant1	5260	5.10	15.12	33.73	4.72	0.20
11N20SISO	Ant1	5300	5.10	15.11	33.75	4.72	0.20
11N20SISO	Ant1	5320	5.10	16.38	31.14	5.07	0.20
11N20SISO	Ant1	5500	5.10	15.11	33.75	4.72	0.20
11N20SISO	Ant1	5580	5.10	15.11	33.75	4.72	0.20
11N20SISO	Ant1	5700	5.09	15.11	33.69	4.72	0.20
11N20SISO	Ant1	5745	5.10	15.12	33.73	4.72	0.20
11N20SISO	Ant1	5785	5.09	15.11	33.69	4.72	0.20
11N20SISO	Ant1	5825	5.10	15.11	33.75	4.72	0.20
11N40SISO	Ant1	5190	4.90	14.94	32.80	4.84	0.20
11N40SISO	Ant1	5230	4.90	14.93	32.82	4.84	0.20
11N40SISO	Ant1	5270	4.90	14.92	32.84	4.84	0.20
11N40SISO	Ant1	5310	4.90	14.92	32.84	4.84	0.20
11N40SISO	Ant1	5510	4.90	14.92	32.84	4.84	0.20
11N40SISO	Ant1	5550	4.90	14.92	32.84	4.84	0.20
11N40SISO	Ant1	5670	4.90	14.92	32.84	4.84	0.20
11N40SISO	Ant1	5755	4.90	14.92	32.84	4.84	0.20
11N40SISO	Ant1	5795	4.90	14.92	32.84	4.84	0.20
11AC20SISO	Ant1	5180	3.88	13.89	27.93	5.54	0.26
11AC20SISO	Ant1	5200	3.87	13.89	27.86	5.55	0.26
11AC20SISO	Ant1	5240	3.87	13.89	27.86	5.55	0.26

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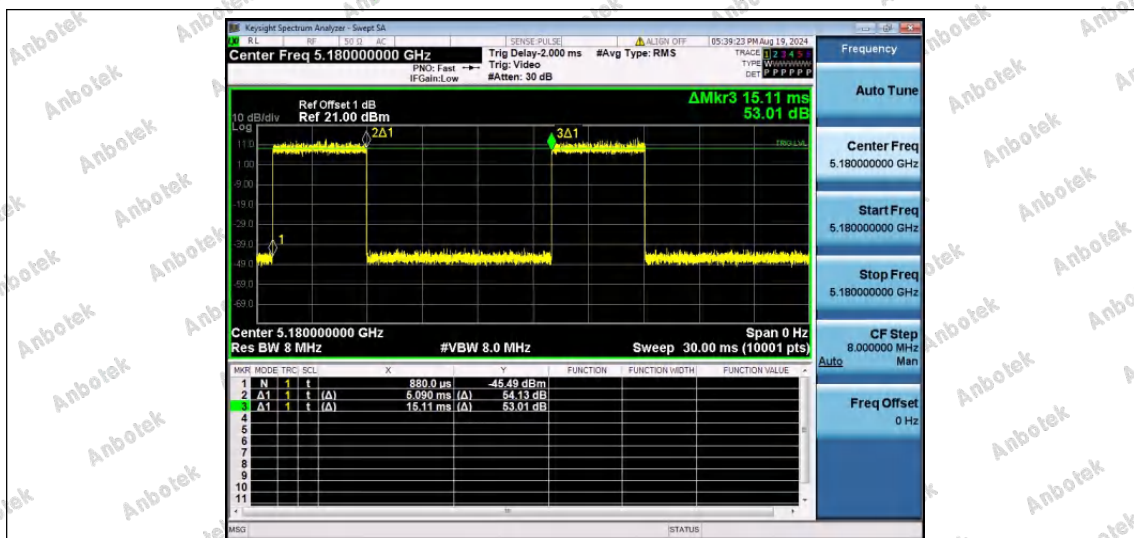
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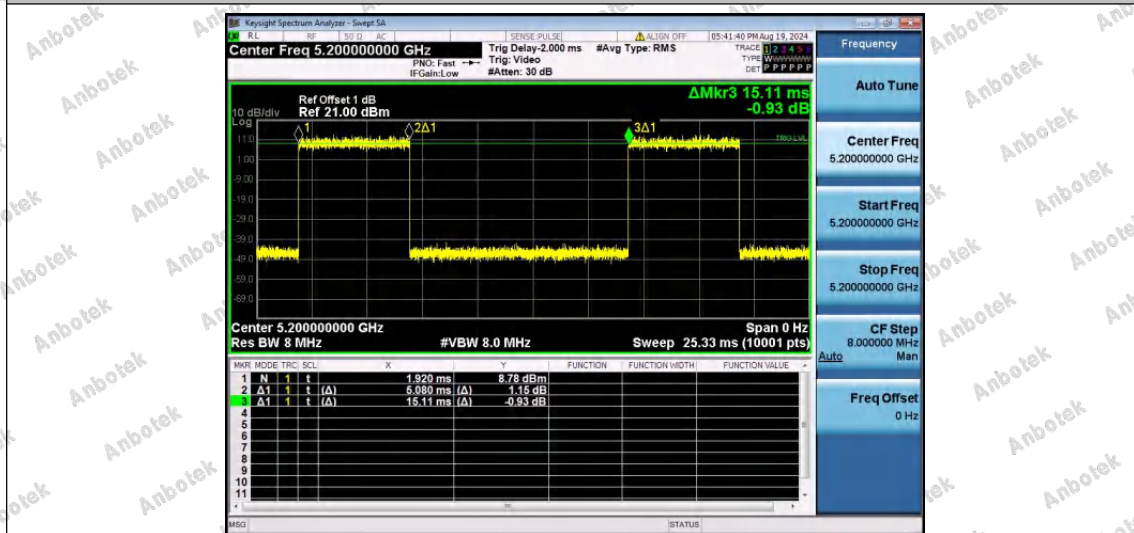
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11AC20SISO	Ant1	5580	3.88	13.89	27.93	5.54	0.26
11AC20SISO	Ant1	5700	3.88	13.90	27.91	5.54	0.26
11AC20SISO	Ant1	5745	3.88	13.89	27.93	5.54	0.26
11AC20SISO	Ant1	5785	3.88	13.89	27.93	5.54	0.26
11AC20SISO	Ant1	5825	3.87	13.89	27.86	5.55	0.26
11AC40SISO	Ant1	5190	3.87	13.89	27.86	5.55	0.26
11AC40SISO	Ant1	5230	3.87	14.02	27.60	5.59	0.26
11AC40SISO	Ant1	5270	3.87	13.89	27.86	5.55	0.26
11AC40SISO	Ant1	5310	3.87	13.89	27.86	5.55	0.26
11AC40SISO	Ant1	5510	3.87	13.89	27.86	5.55	0.26
11AC40SISO	Ant1	5550	3.87	13.88	27.88	5.55	0.26
11AC40SISO	Ant1	5670	3.87	13.89	27.86	5.55	0.26
11AC40SISO	Ant1	5755	3.87	13.90	27.84	5.55	0.26
11AC40SISO	Ant1	5795	3.87	13.89	27.86	5.55	0.26
11AC80SISO	Ant1	5210	3.70	13.72	26.97	5.69	0.27
11AC80SISO	Ant1	5290	3.69	13.72	26.90	5.70	0.27
11AC80SISO	Ant1	5530	3.70	13.72	26.97	5.69	0.27
11AC80SISO	Ant1	5610	3.70	13.72	26.97	5.69	0.27
11AC80SISO	Ant1	5775	3.70	13.72	26.97	5.69	0.27



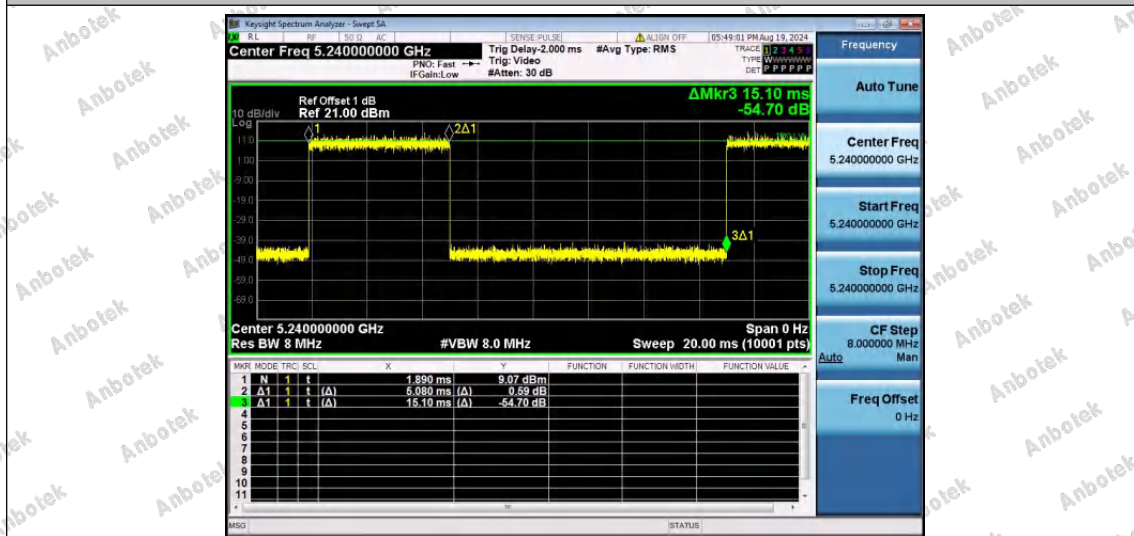
Test Graphs



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NTNV-11A-Ant1-5200



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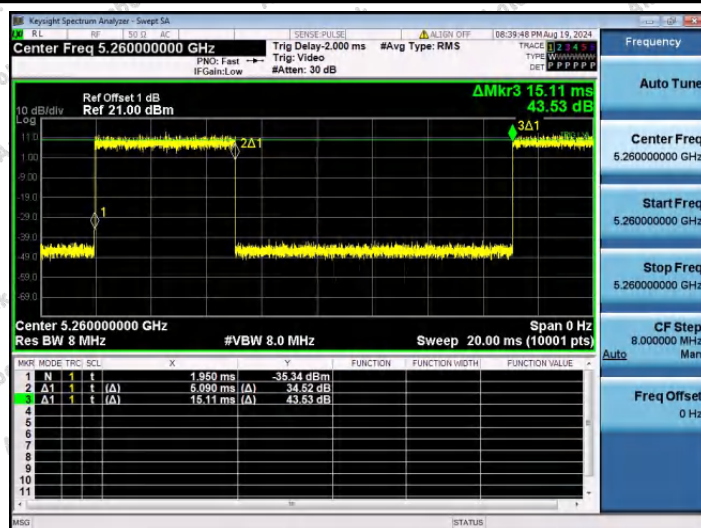
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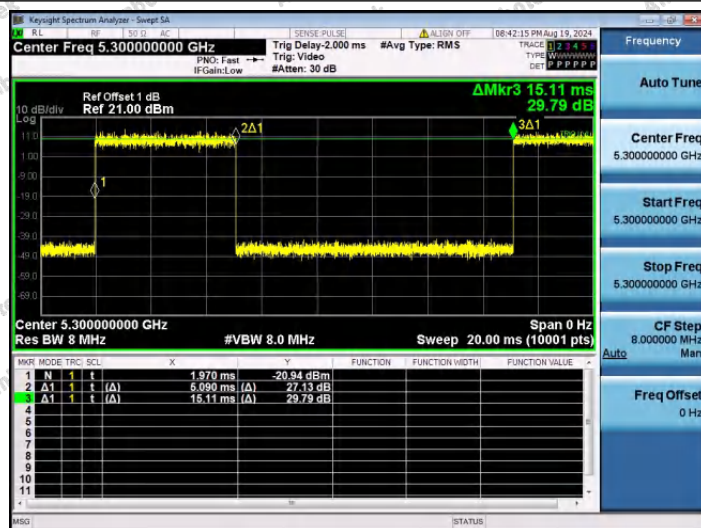


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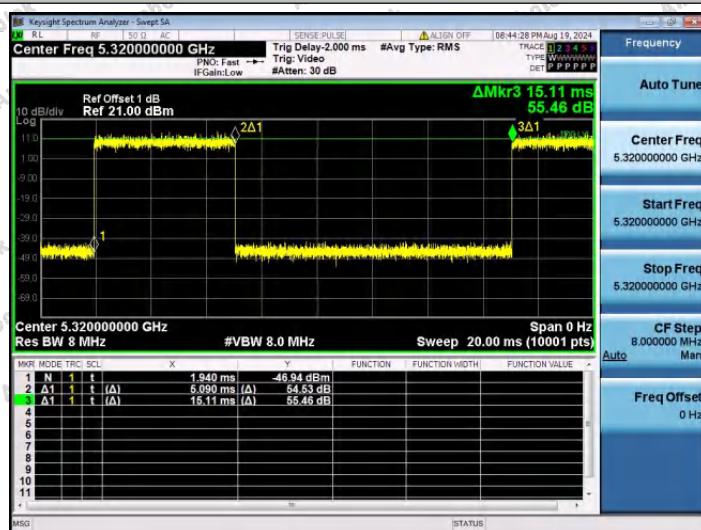




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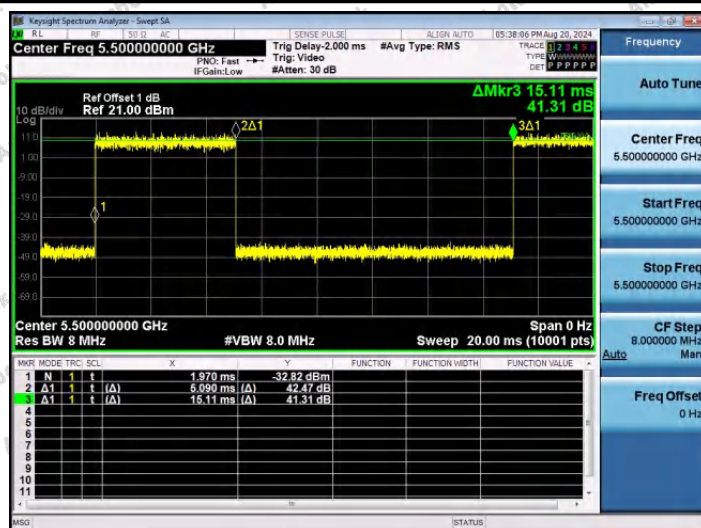


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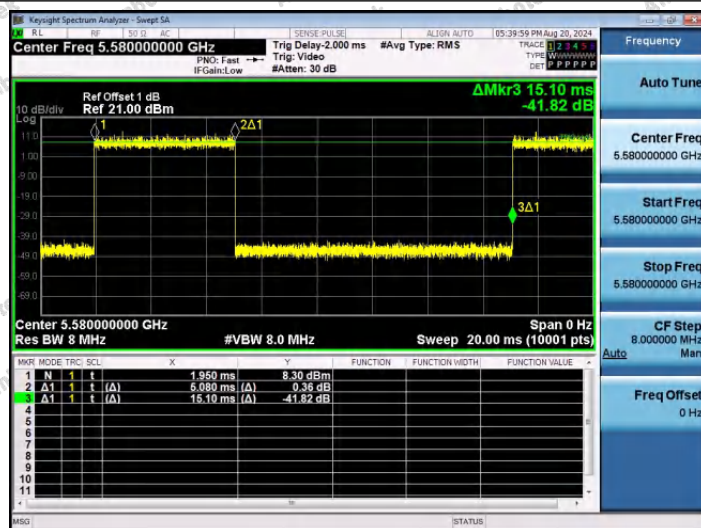


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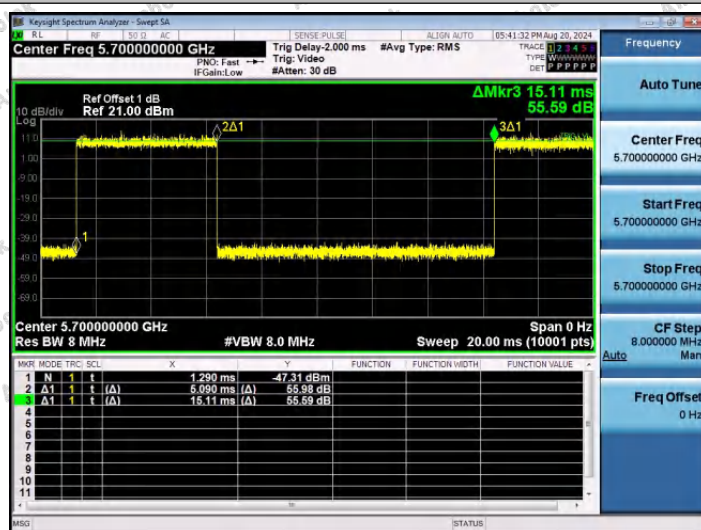




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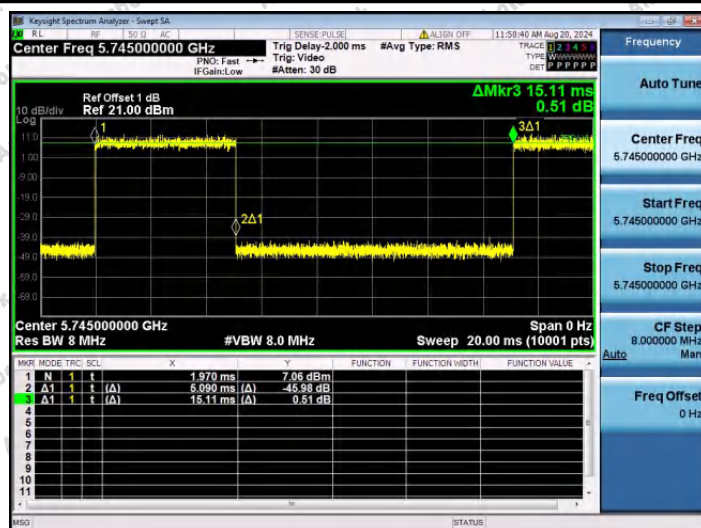


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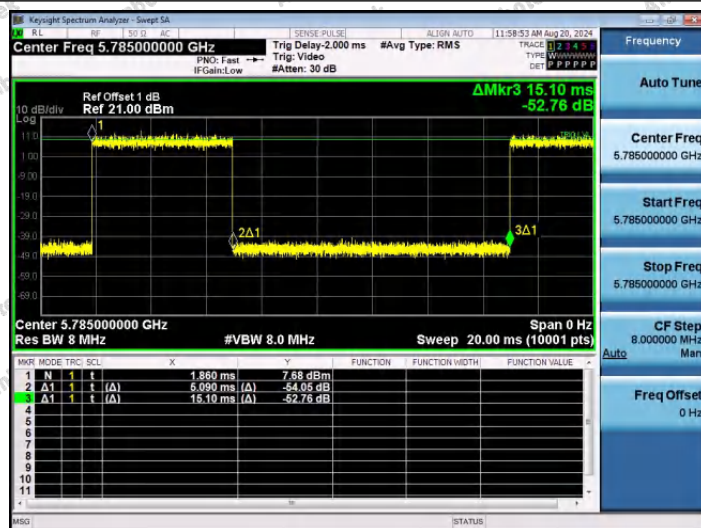


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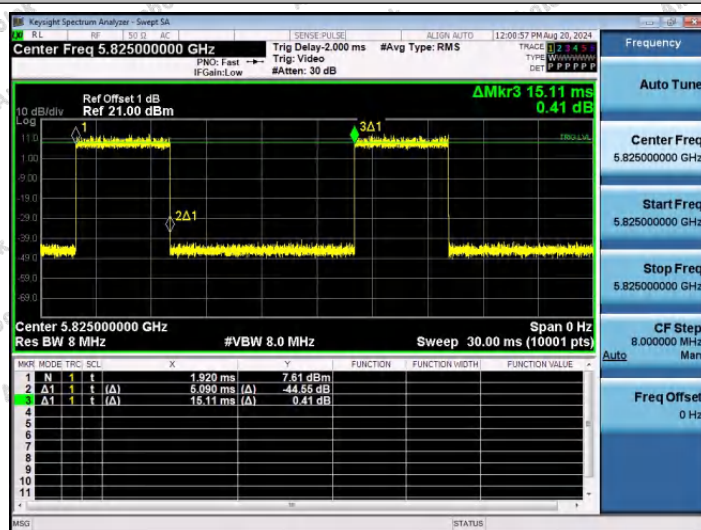




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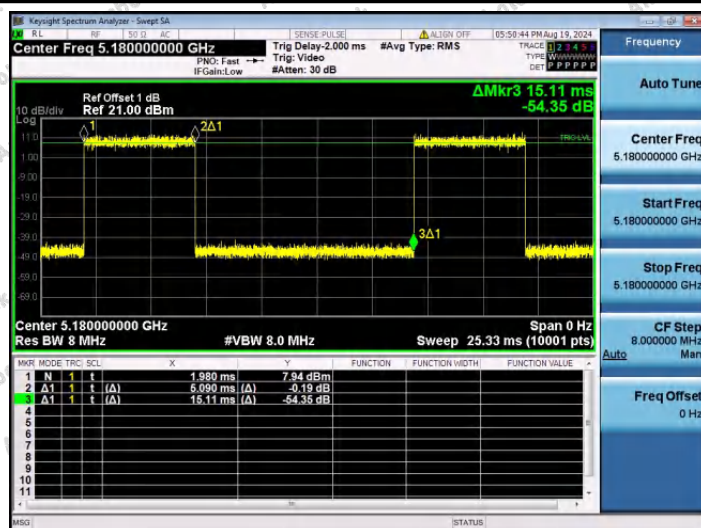


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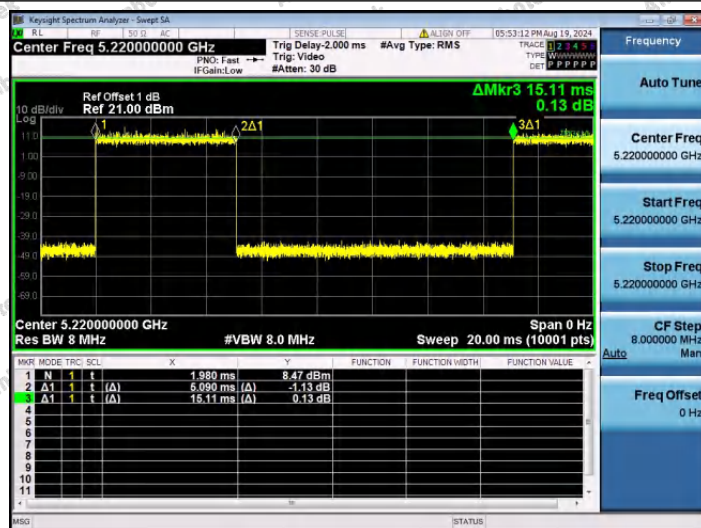


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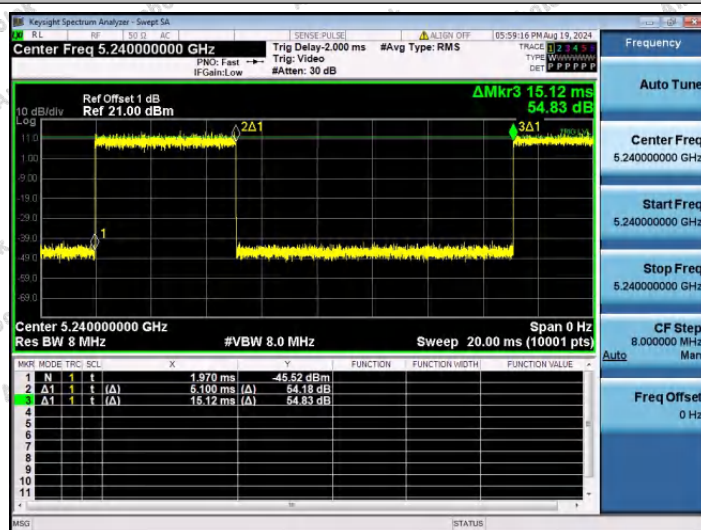




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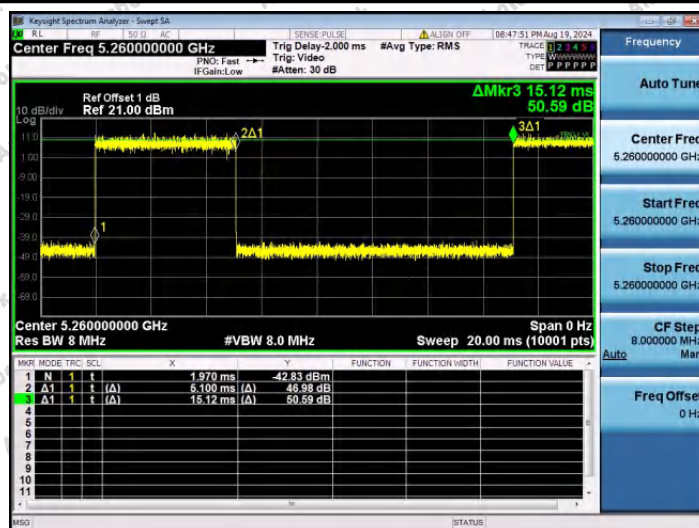
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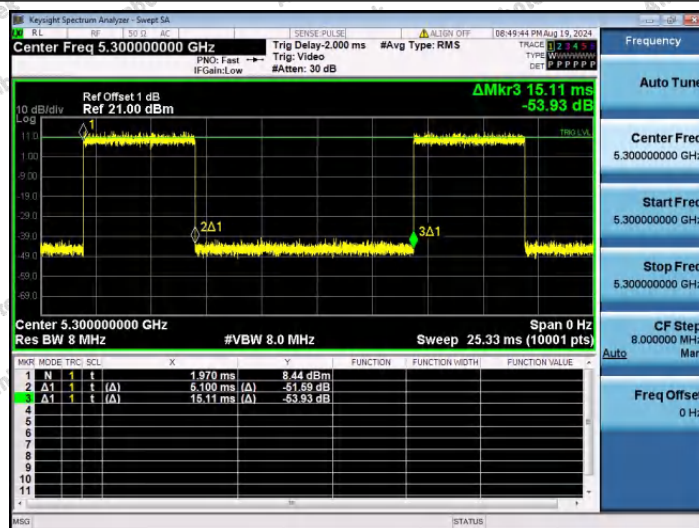


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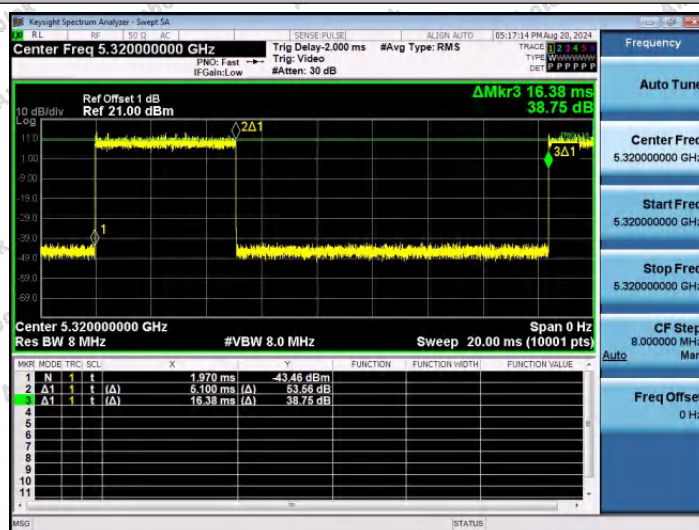




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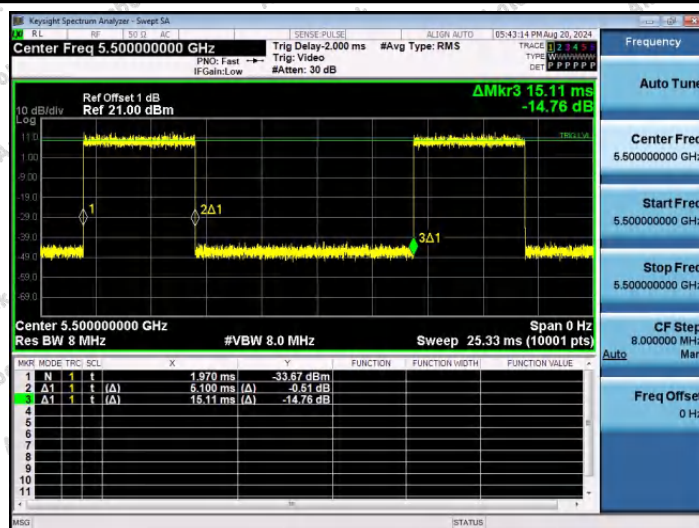
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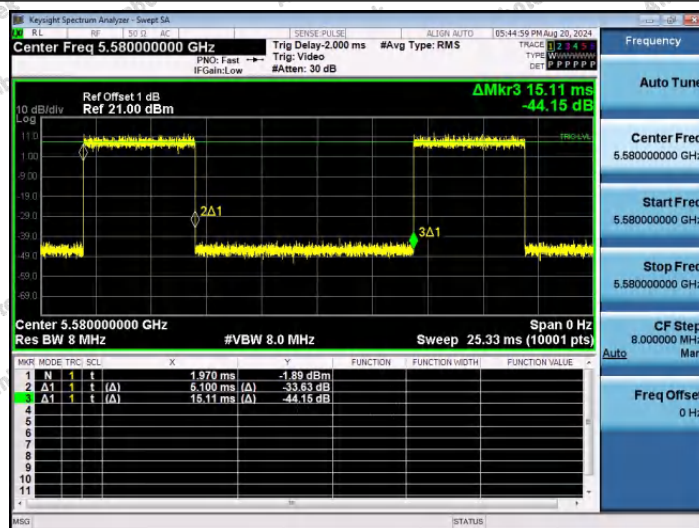


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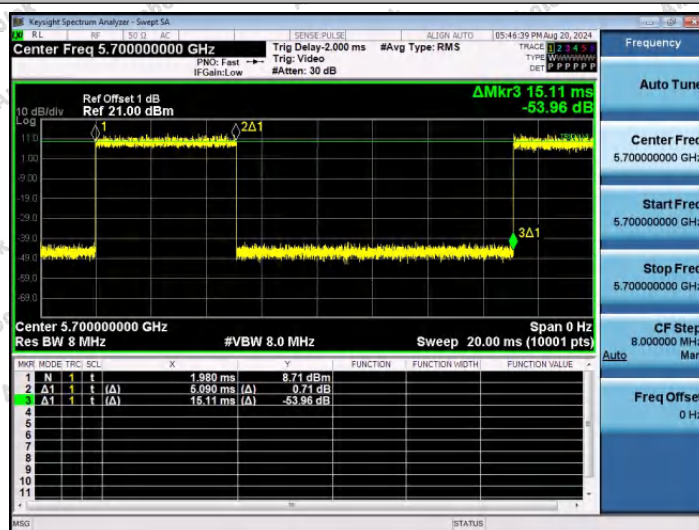




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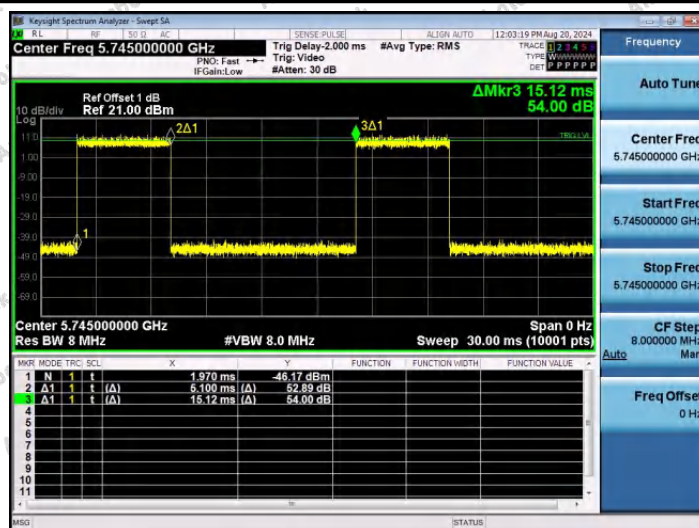


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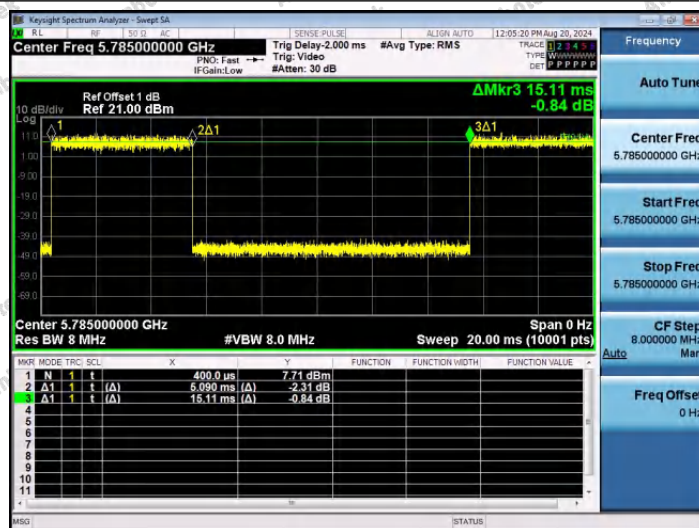


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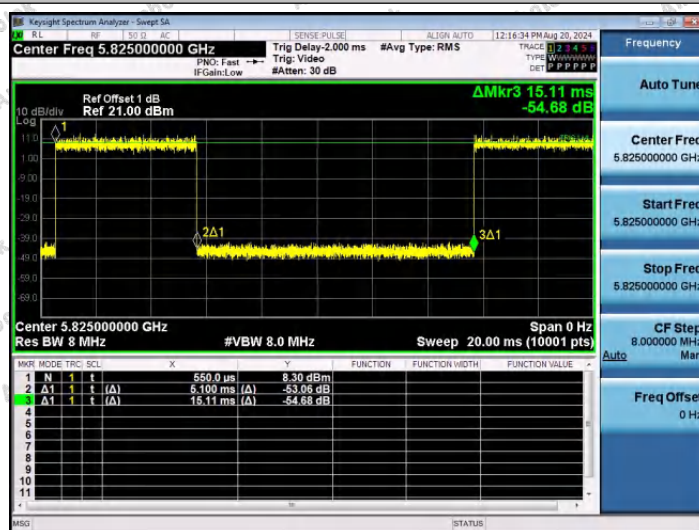




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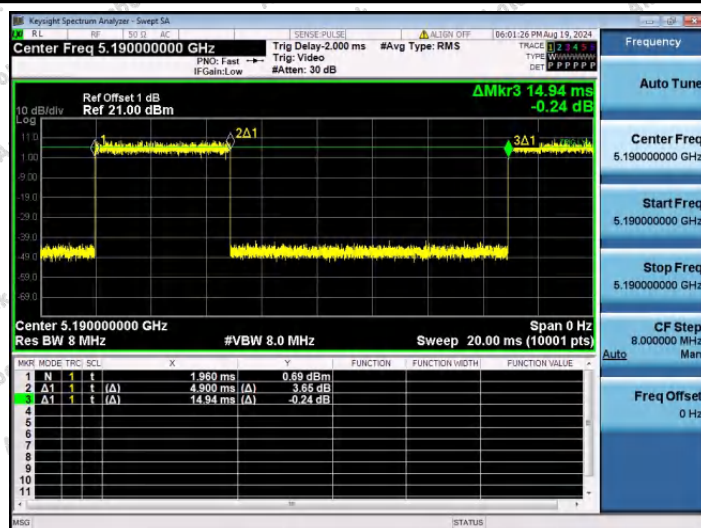
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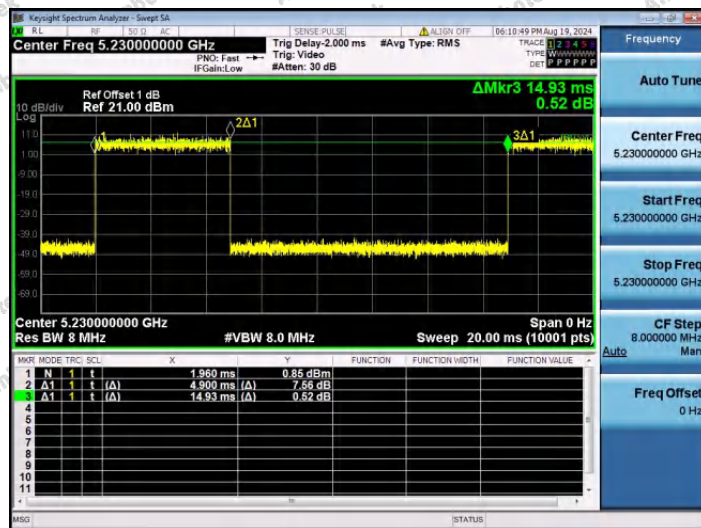


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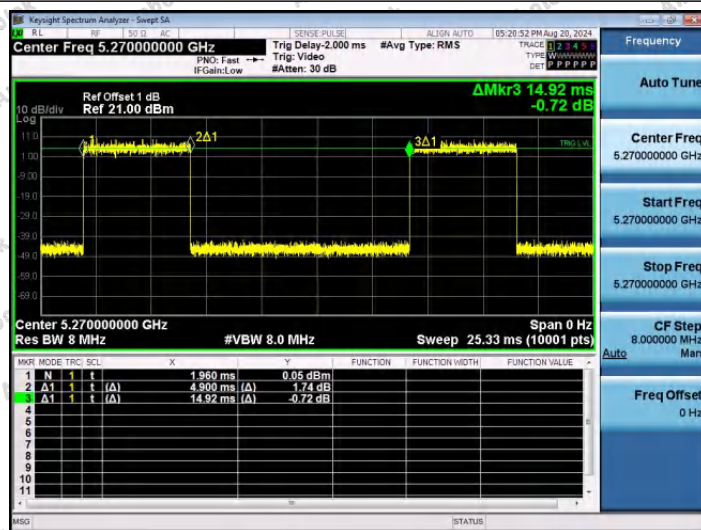




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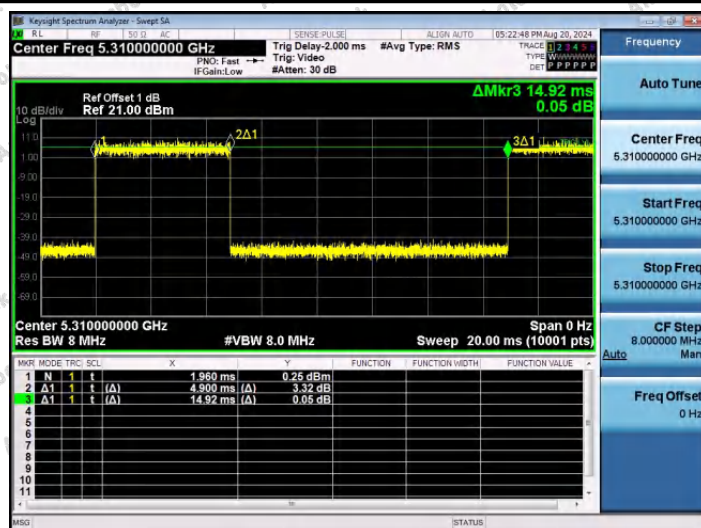


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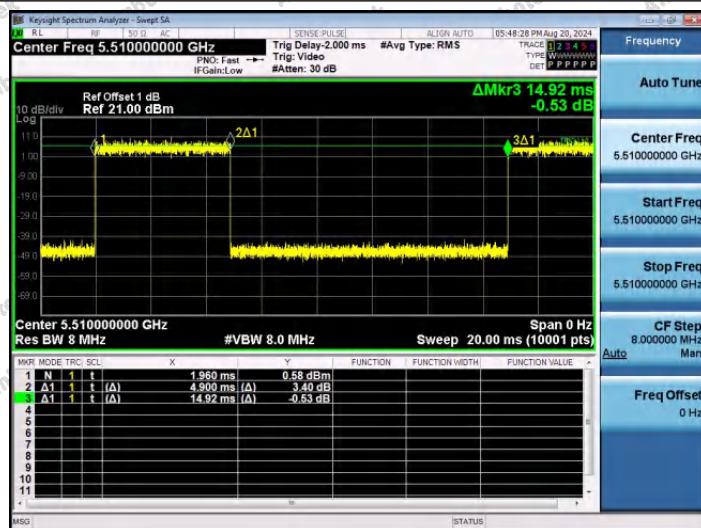


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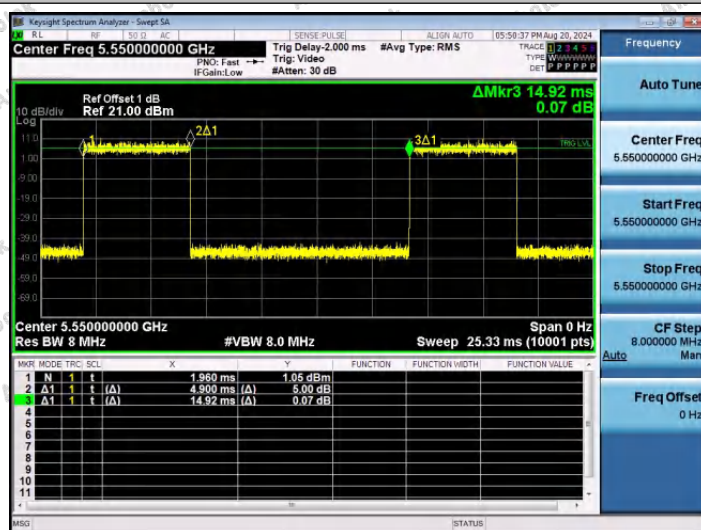




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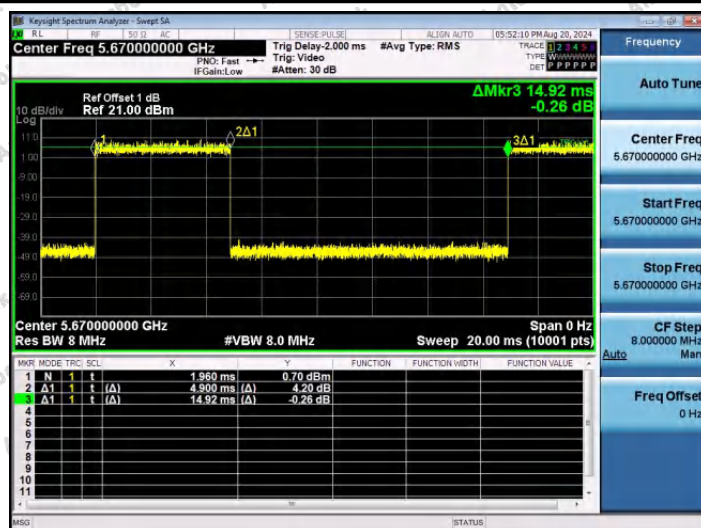


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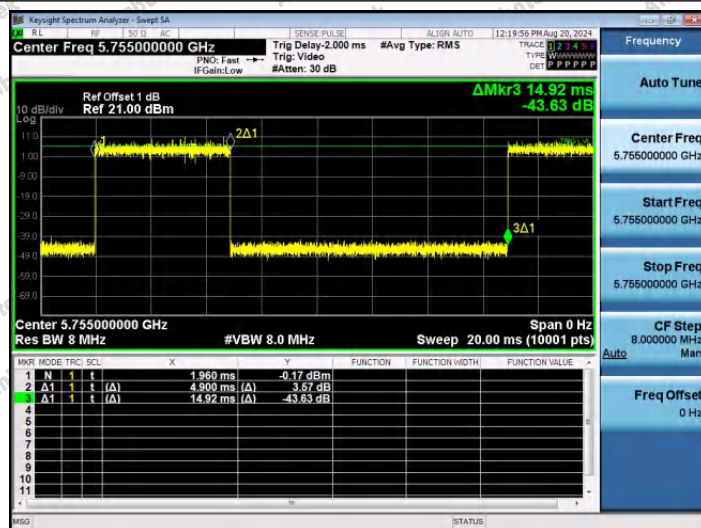


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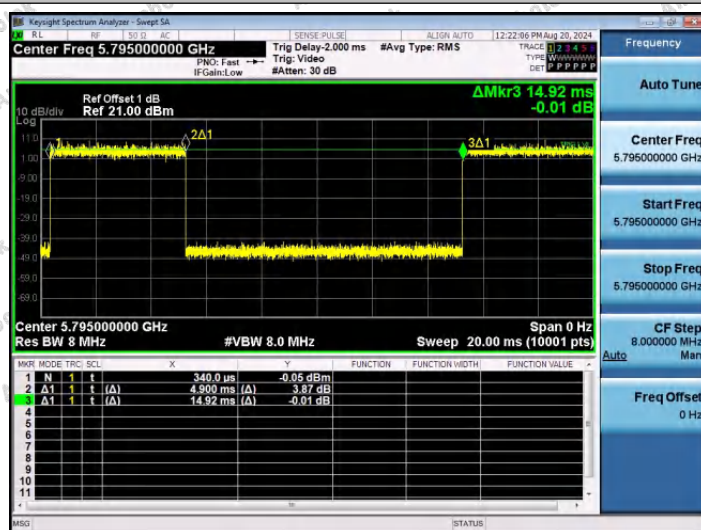




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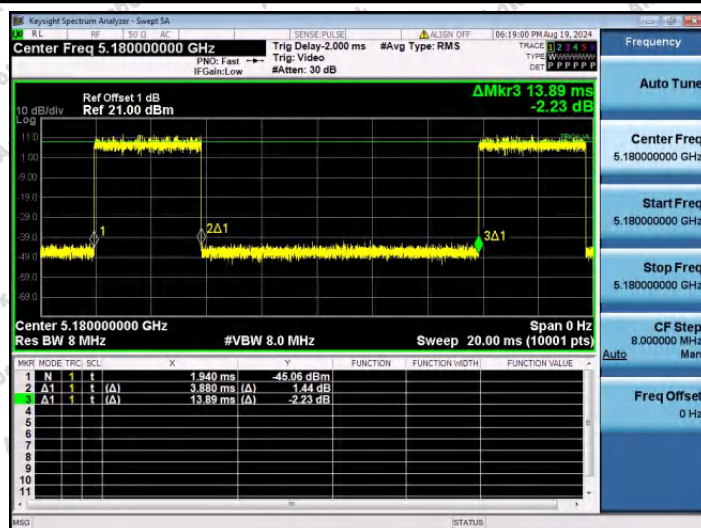


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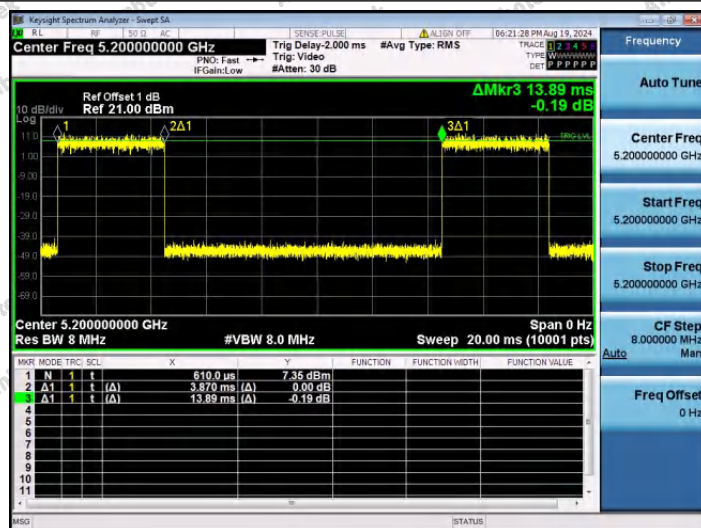


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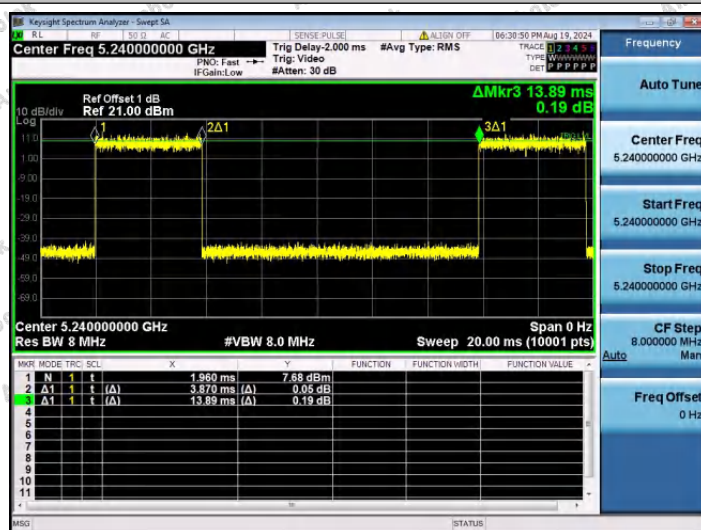




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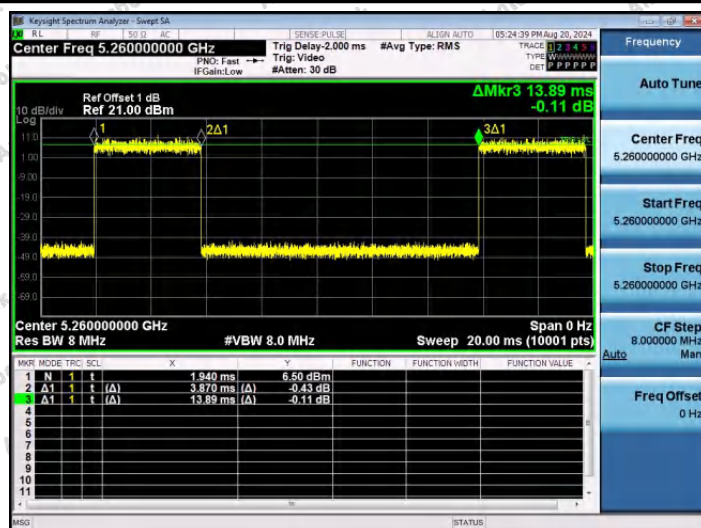


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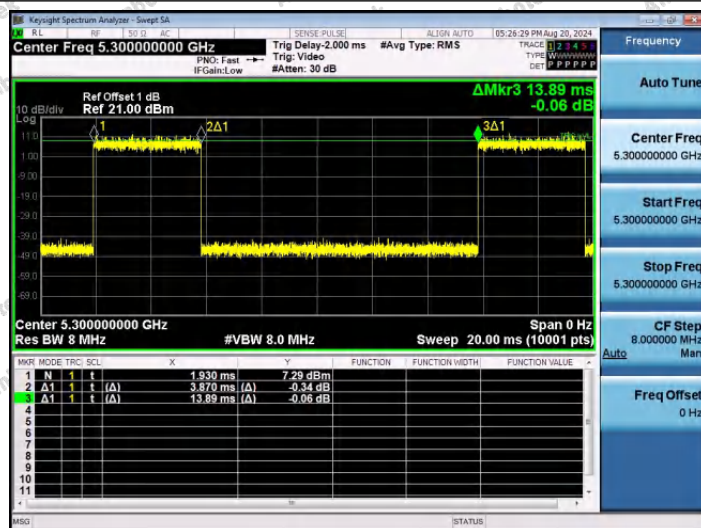


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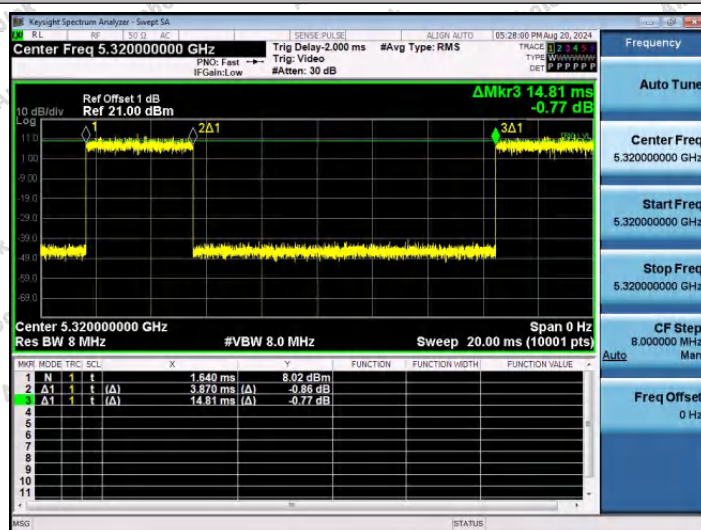




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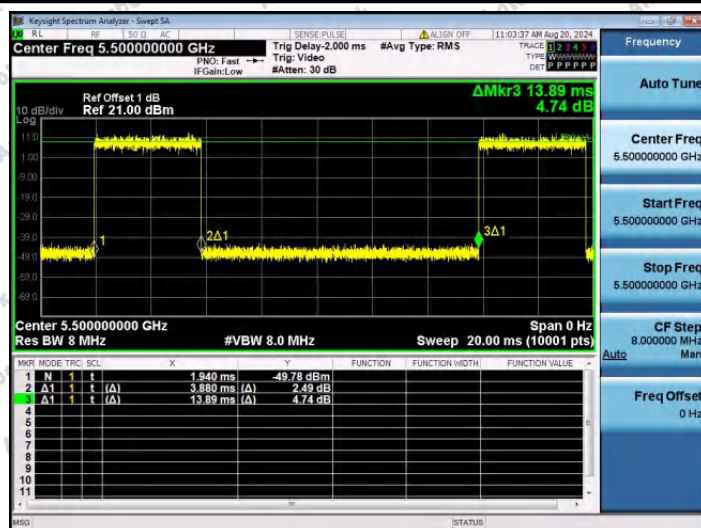


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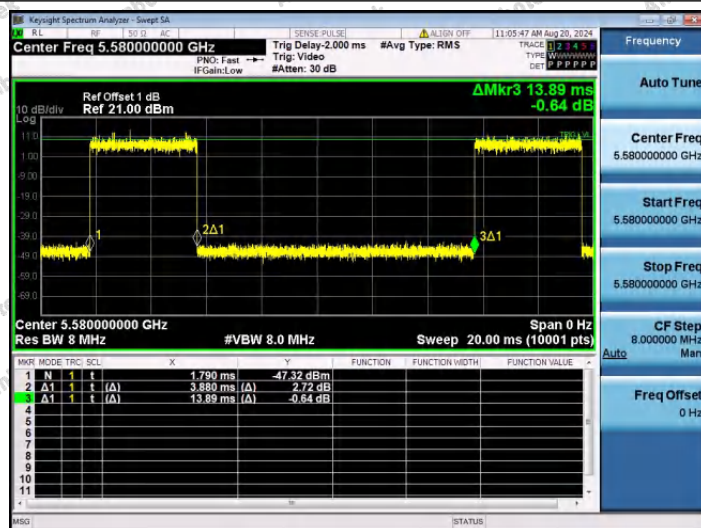


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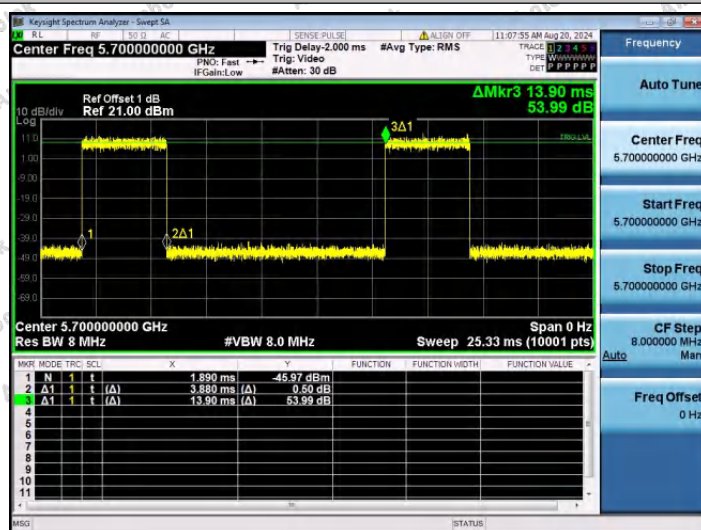




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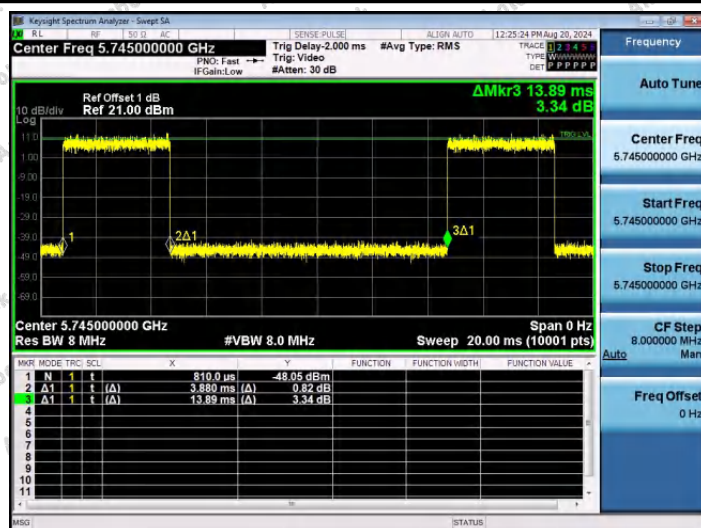


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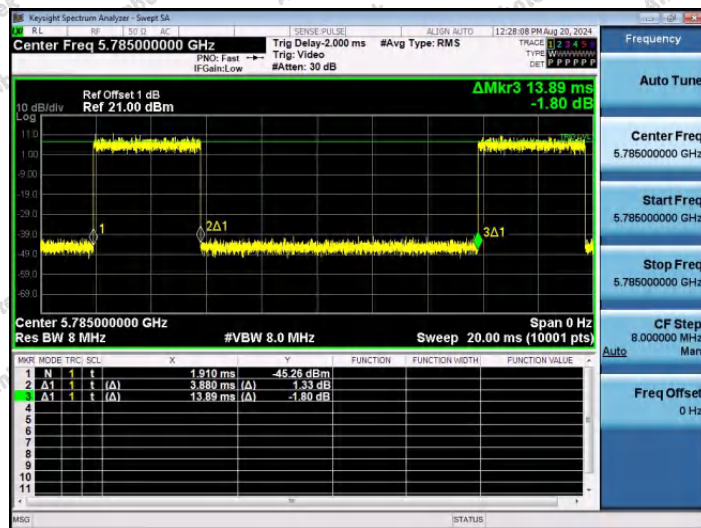


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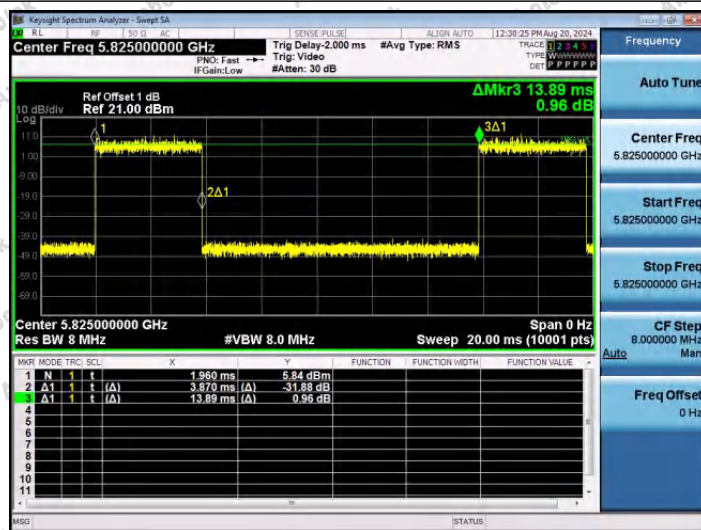




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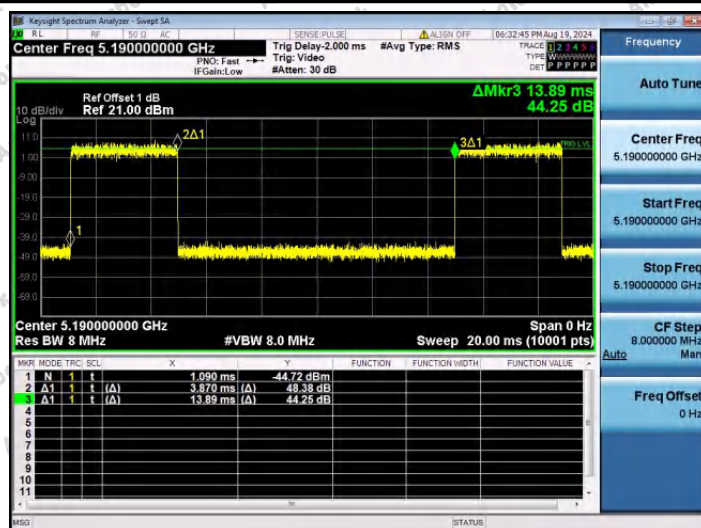


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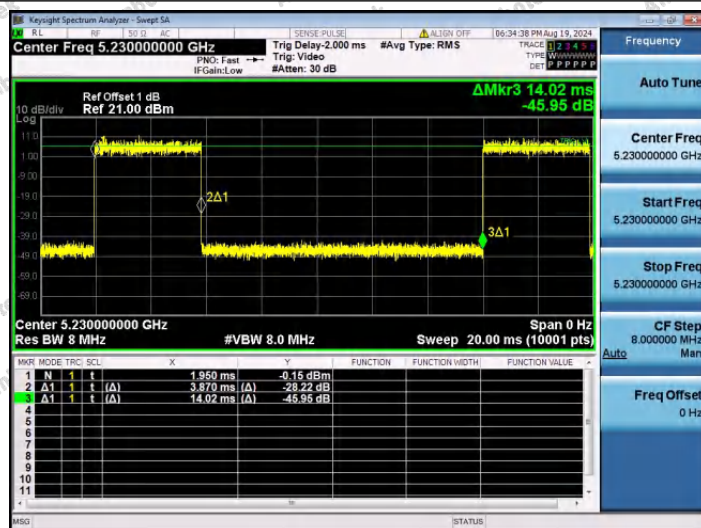


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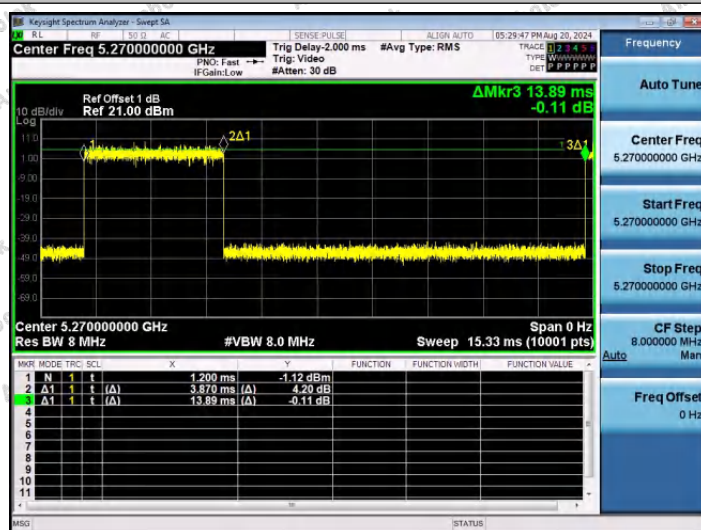




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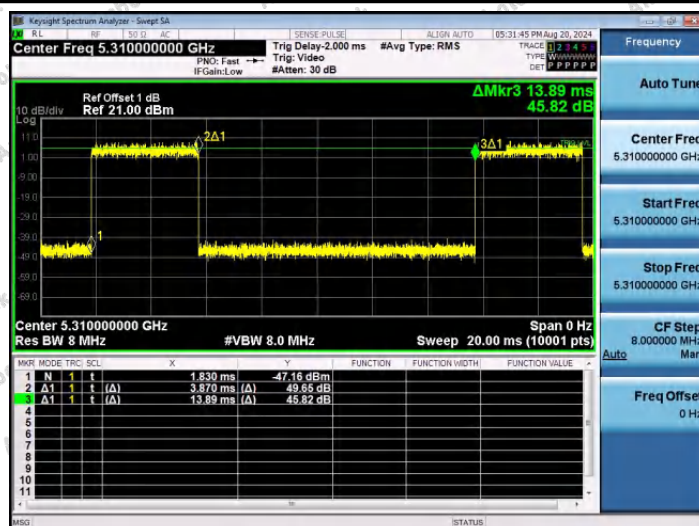


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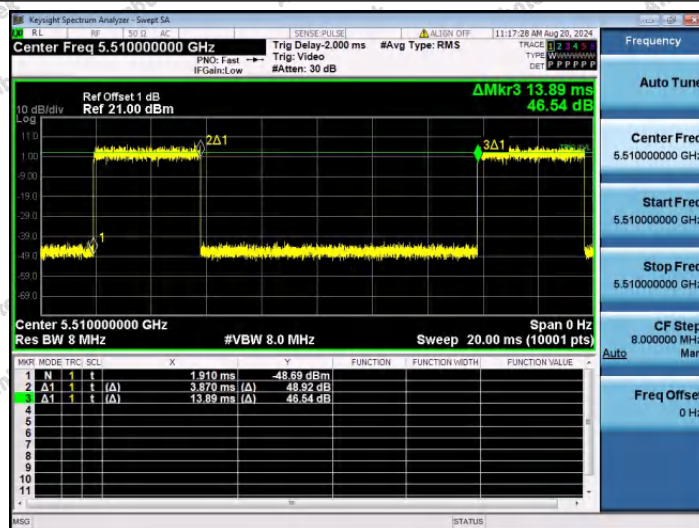


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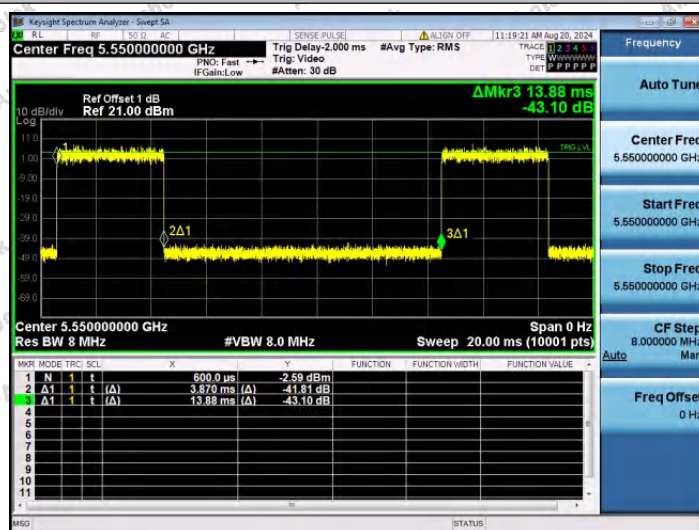




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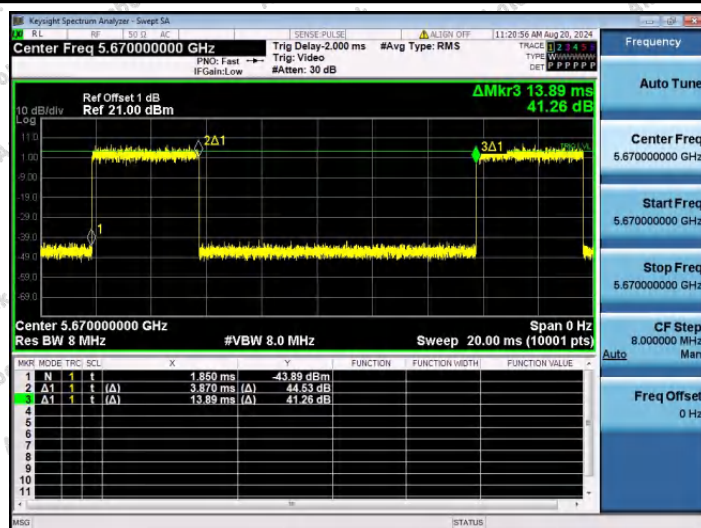


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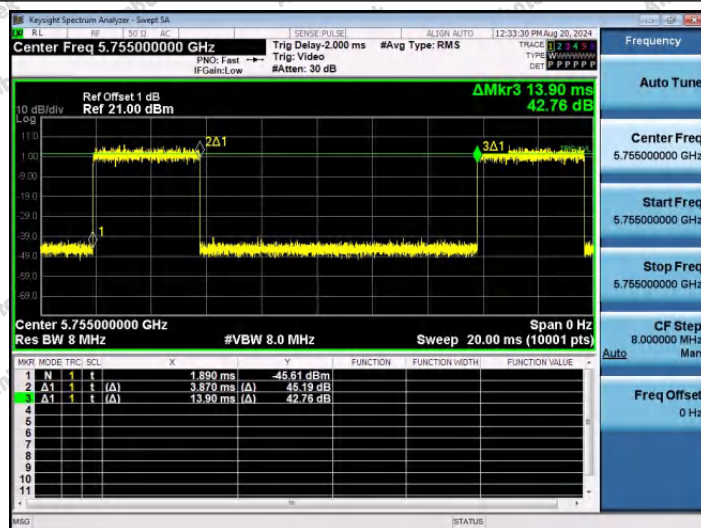


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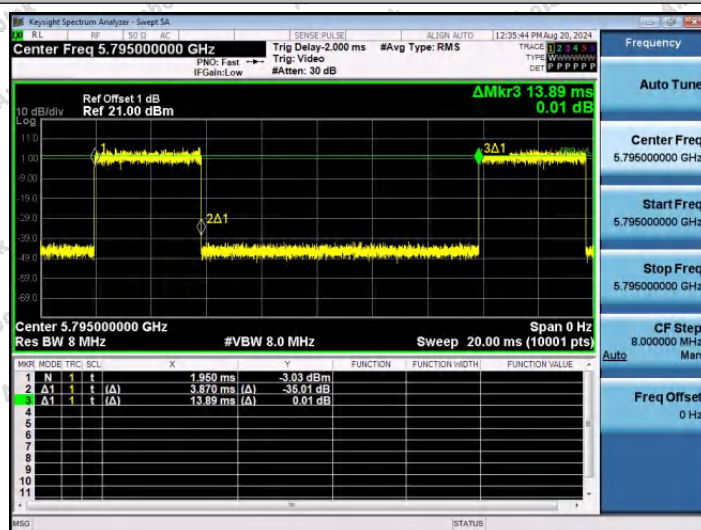




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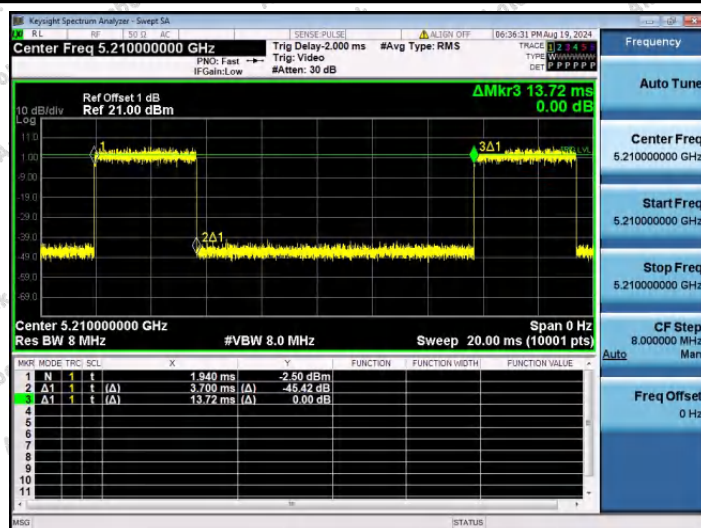


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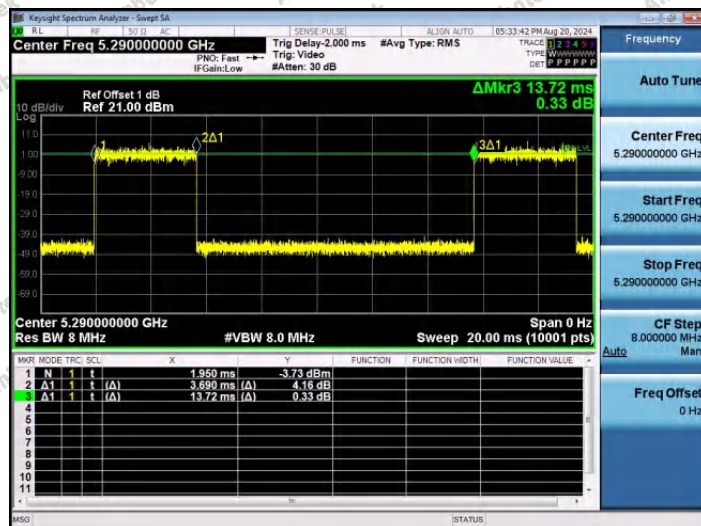


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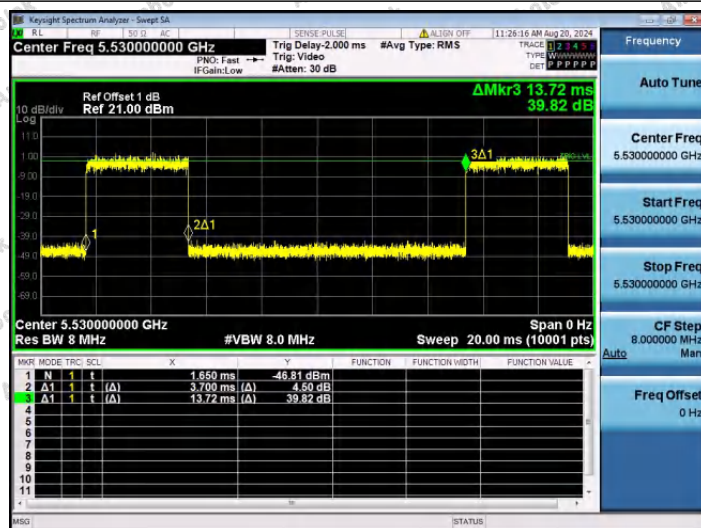




NTNV-11AC80SISO-Ant1-5210



NTNV-11AC80SISO-Ant1-5290



NTNV-11AC80SISO-Ant1-5530

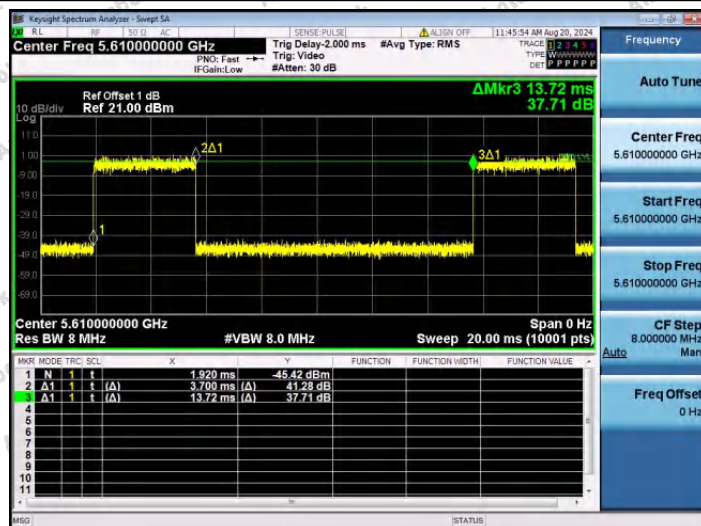
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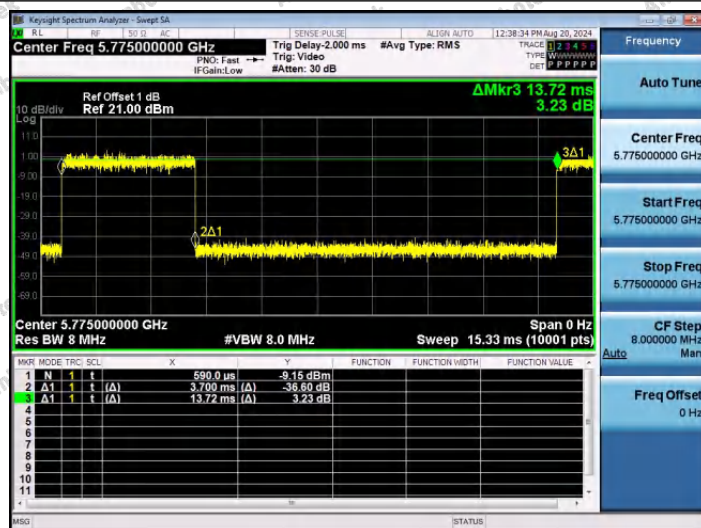


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NTNV-11AC80SISO-Ant1-5610



NTNV-11AC80SISO-Ant1-5775



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]	EIRP [dBm]	Verdict
11A	Ant1	5180	10.96	33.69	4.72	15.68	≤23.98	16.07	PASS
11A	Ant1	5200	11.04	33.62	4.73	15.77	≤23.98	16.16	PASS
11A	Ant1	5240	11.90	33.64	4.73	16.63	≤23.98	17.02	PASS
11A	Ant1	5260	10.31	33.69	4.72	15.03	≤23.98	16.16	PASS
11A	Ant1	5300	10.73	33.69	4.72	15.45	≤23.98	16.58	PASS
11A	Ant1	5320	10.80	33.69	4.72	15.52	≤23.98	16.65	PASS
11A	Ant1	5500	11.48	33.69	4.72	16.20	≤23.98	16.33	PASS
11A	Ant1	5580	10.26	33.64	4.73	14.99	≤23.98	15.30	PASS
11A	Ant1	5700	11.53	33.69	4.72	16.25	≤23.98	16.56	PASS
11A	Ant1	5745	10.93	33.69	4.72	15.65	≤30.00	15.32	PASS
11A	Ant1	5785	10.91	33.71	4.72	15.63	≤30.00	15.30	PASS
11A	Ant1	5825	11.12	33.69	4.72	15.84	≤30.00	15.51	PASS
11N20SISO	Ant1	5180	11.02	33.69	4.72	15.74	≤23.98	16.13	PASS
11N20SISO	Ant1	5220	11.53	33.69	4.72	16.25	≤23.98	16.64	PASS
11N20SISO	Ant1	5240	11.95	33.73	4.72	16.67	≤23.98	17.06	PASS
11N20SISO	Ant1	5260	10.42	33.73	4.72	15.14	≤23.98	16.27	PASS
11N20SISO	Ant1	5300	10.78	33.75	4.72	15.50	≤23.98	16.63	PASS
11N20SISO	Ant1	5320	10.76	31.14	5.07	15.83	≤23.98	16.96	PASS
11N20SISO	Ant1	5500	11.44	33.75	4.72	16.16	≤23.98	16.29	PASS
11N20SISO	Ant1	5580	10.34	33.75	4.72	15.06	≤23.98	15.37	PASS
11N20SISO	Ant1	5700	11.63	33.69	4.72	16.35	≤23.98	16.66	PASS
11N20SISO	Ant1	5745	10.93	33.73	4.72	15.65	≤30.00	15.32	PASS
11N20SISO	Ant1	5785	10.91	33.69	4.72	15.63	≤30.00	15.30	PASS
11N20SISO	Ant1	5825	11.17	33.75	4.72	15.89	≤30.00	15.56	PASS
11N40SISO	Ant1	5190	11.06	32.80	4.84	15.90	≤23.98	16.29	PASS
11N40SISO	Ant1	5230	11.52	32.82	4.84	16.36	≤23.98	16.75	PASS
11N40SISO	Ant1	5270	10.02	32.84	4.84	14.86	≤23.98	15.99	PASS
11N40SISO	Ant1	5310	10.62	32.84	4.84	15.46	≤23.98	16.59	PASS
11N40SISO	Ant1	5510	11.53	32.84	4.84	16.37	≤23.98	16.68	PASS
11N40SISO	Ant1	5550	11.89	32.84	4.84	16.73	≤23.98	17.04	PASS
11N40SISO	Ant1	5670	11.47	32.84	4.84	16.31	≤23.98	16.62	PASS
11N40SISO	Ant1	5755	10.97	32.84	4.84	15.81	≤30.00	15.48	PASS
11N40SISO	Ant1	5795	10.96	32.84	4.84	15.80	≤30.00	15.47	PASS
11AC20SISO	Ant1	5180	10.74	27.93	5.54	16.28	≤23.98	16.67	PASS

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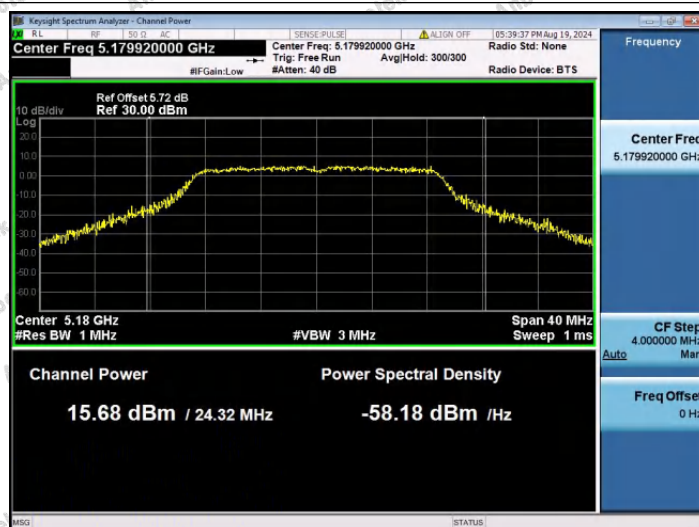


11AC20SISO	Ant1	5200	10.89	27.86	5.55	16.44	≤23.98	16.83	PASS
11AC20SISO	Ant1	5240	11.52	27.86	5.55	17.07	≤23.98	17.46	PASS
11AC20SISO	Ant1	5260	9.36	27.86	5.55	14.91	≤23.98	16.04	PASS
11AC20SISO	Ant1	5300	9.80	27.86	5.55	15.35	≤23.98	16.48	PASS
11AC20SISO	Ant1	5320	10.28	26.13	5.83	16.11	≤23.98	17.24	PASS
11AC20SISO	Ant1	5500	11.81	27.93	5.54	17.35	≤23.98	17.48	PASS
11AC20SISO	Ant1	5580	10.57	27.93	5.54	16.11	≤23.98	16.42	PASS
11AC20SISO	Ant1	5700	11.67	27.91	5.54	17.21	≤23.98	17.52	PASS
11AC20SISO	Ant1	5745	11.54	27.93	5.54	17.08	≤30.00	16.75	PASS
11AC20SISO	Ant1	5785	9.72	27.93	5.54	15.26	≤30.00	14.93	PASS
11AC20SISO	Ant1	5825	9.99	27.86	5.55	15.54	≤30.00	15.21	PASS
11AC40SISO	Ant1	5190	10.81	27.86	5.55	16.36	≤23.98	16.75	PASS
11AC40SISO	Ant1	5230	11.46	27.60	5.59	17.05	≤23.98	17.44	PASS
11AC40SISO	Ant1	5270	9.62	27.86	5.55	15.17	≤23.98	16.30	PASS
11AC40SISO	Ant1	5310	10.32	27.86	5.55	15.87	≤23.98	17.00	PASS
11AC40SISO	Ant1	5510	9.29	27.86	5.55	14.84	≤23.98	15.15	PASS
11AC40SISO	Ant1	5550	9.59	27.88	5.55	15.14	≤23.98	15.45	PASS
11AC40SISO	Ant1	5670	9.34	27.86	5.55	14.89	≤23.98	15.20	PASS
11AC40SISO	Ant1	5755	8.80	27.84	5.55	14.35	≤30.00	14.02	PASS
11AC40SISO	Ant1	5795	8.70	27.86	5.55	14.25	≤30.00	13.92	PASS
11AC80SISO	Ant1	5210	11.11	26.97	5.69	16.80	≤23.98	17.19	PASS
11AC80SISO	Ant1	5290	10.29	26.90	5.70	15.99	≤23.98	17.12	PASS
11AC80SISO	Ant1	5530	7.30	26.97	5.69	12.99	≤23.98	13.30	PASS
11AC80SISO	Ant1	5610	6.75	26.97	5.69	12.44	≤23.98	12.75	PASS
11AC80SISO	Ant1	5775	8.41	26.97	5.69	14.10	≤30.00	13.77	PASS

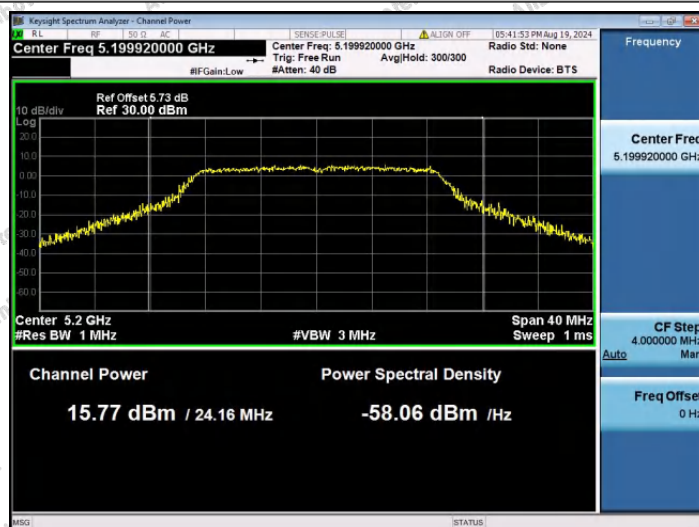
Note: 1.The Duty Cycle Factor and cable loss are compensated in the graph.



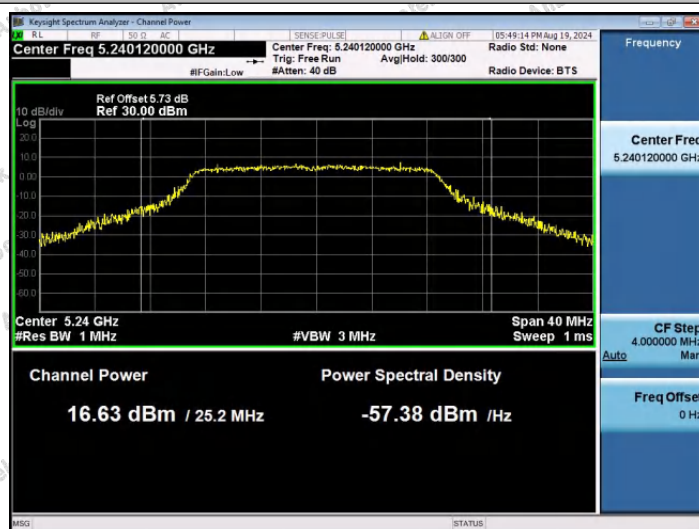
Test Graphs Channel Power



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11A-Ant1-5200-PASS



11A-Ant1-5240-PASS

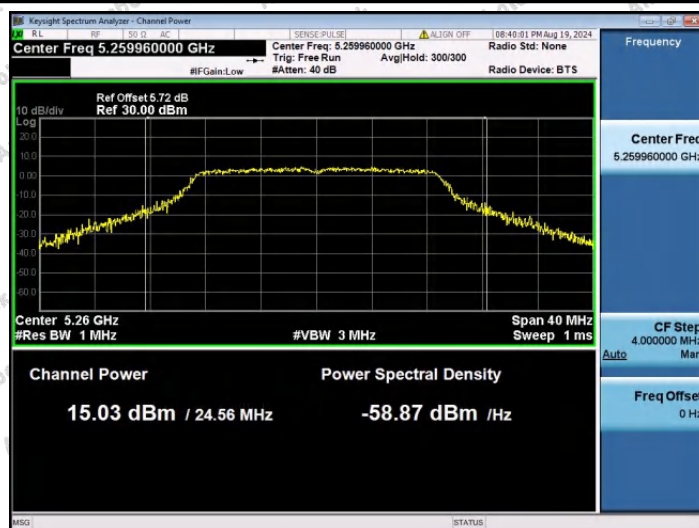
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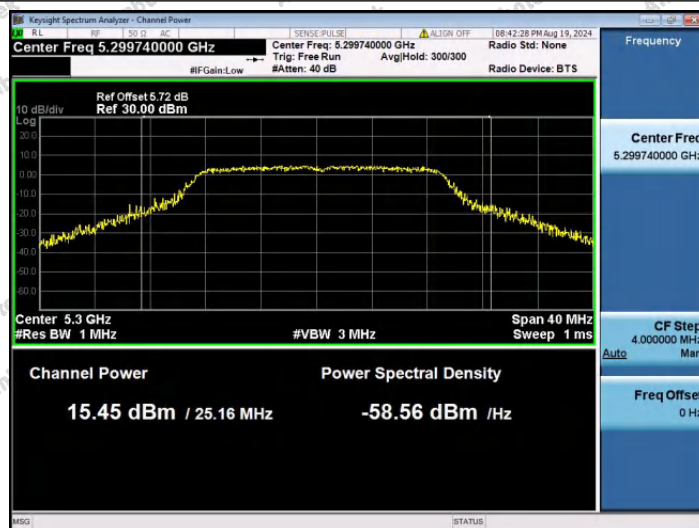


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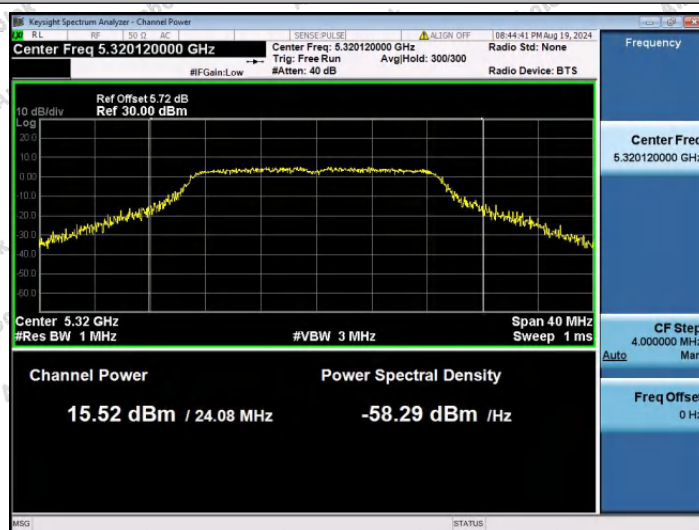




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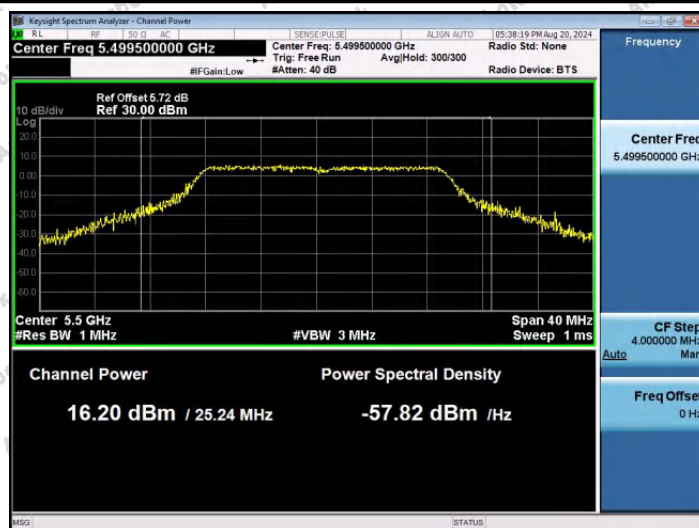


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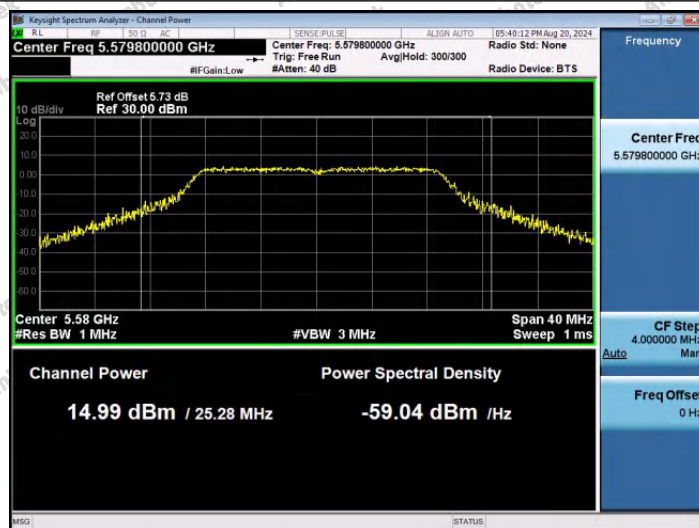


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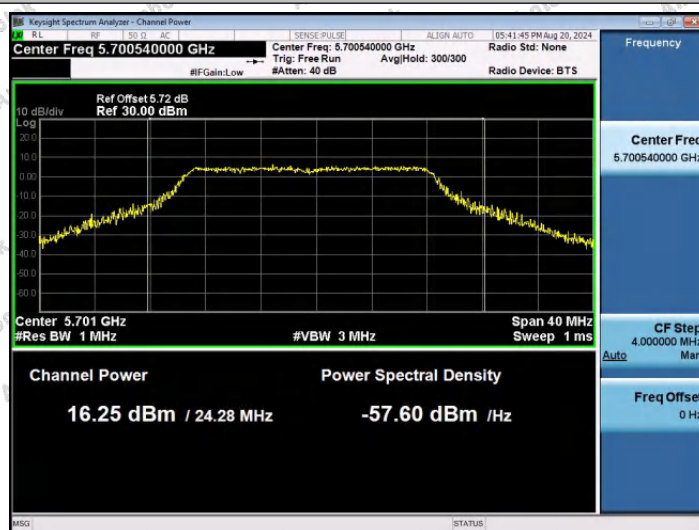




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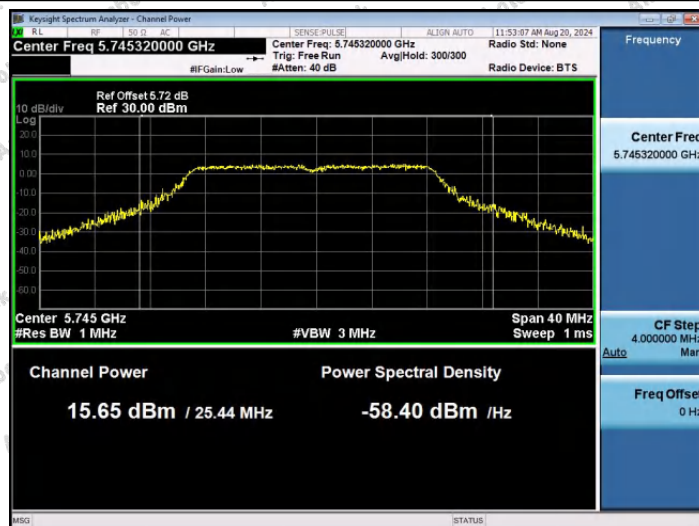


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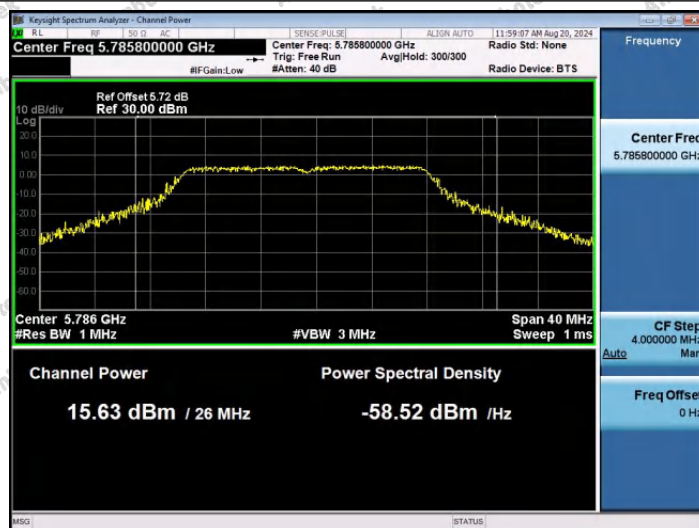


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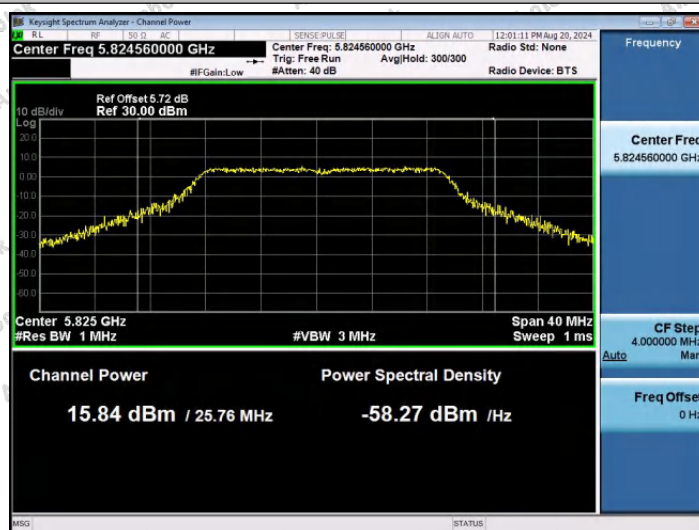




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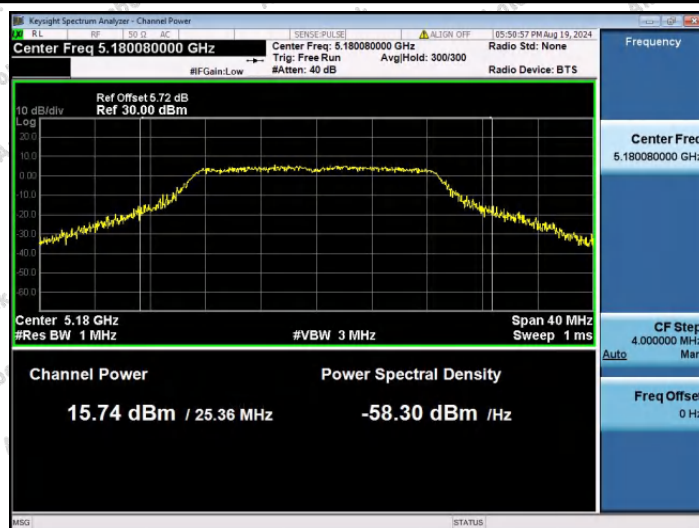


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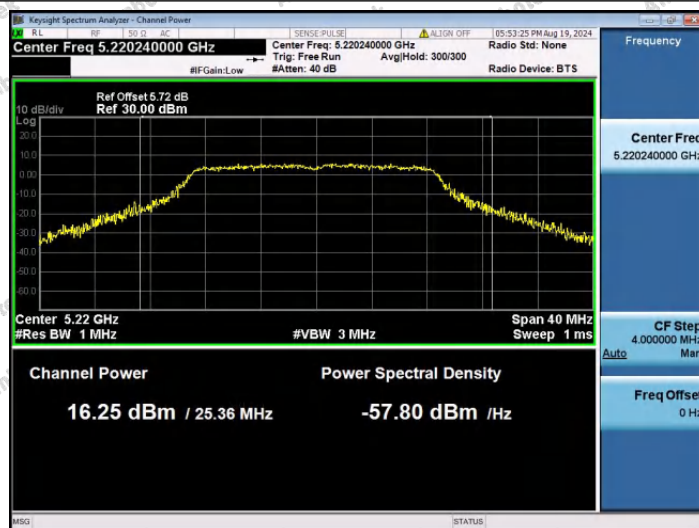


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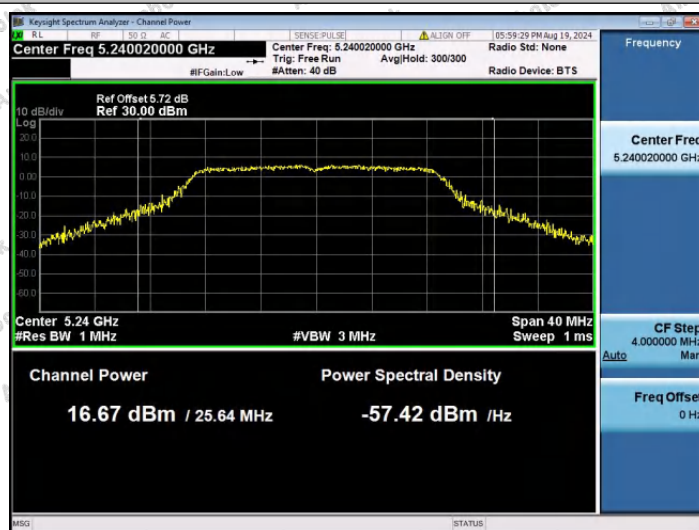




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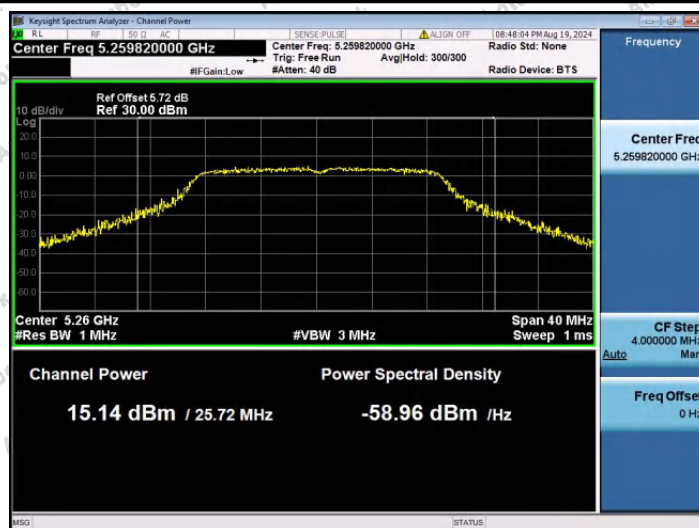


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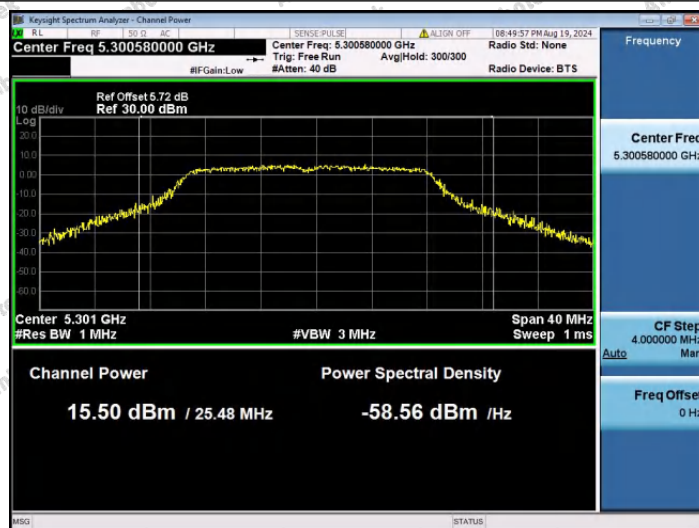


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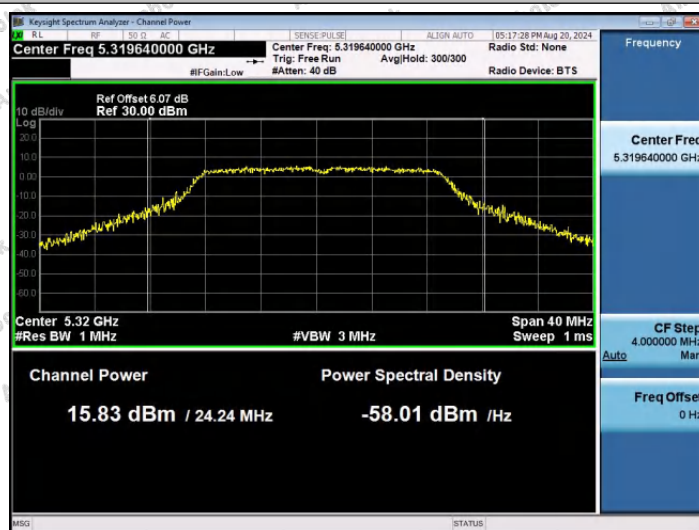




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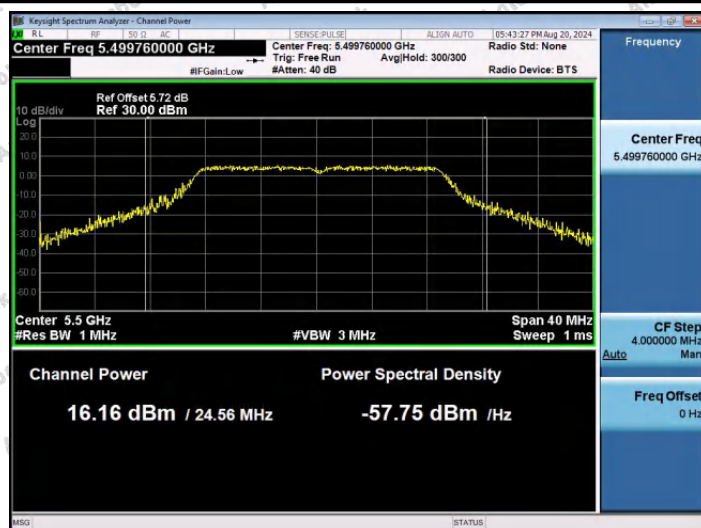


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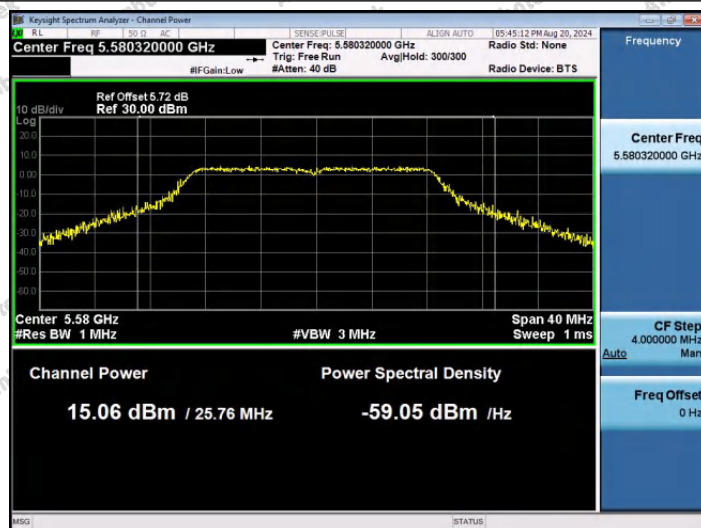


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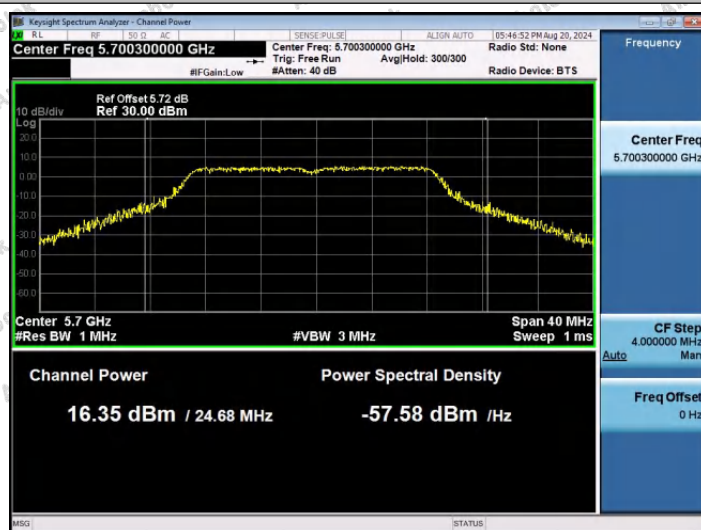




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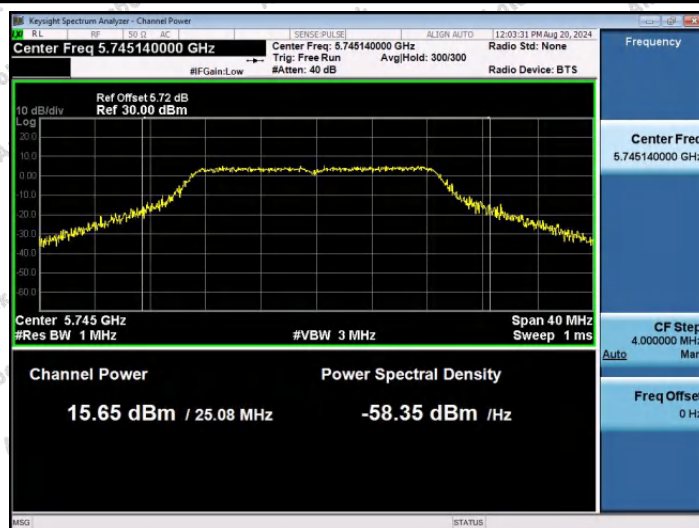


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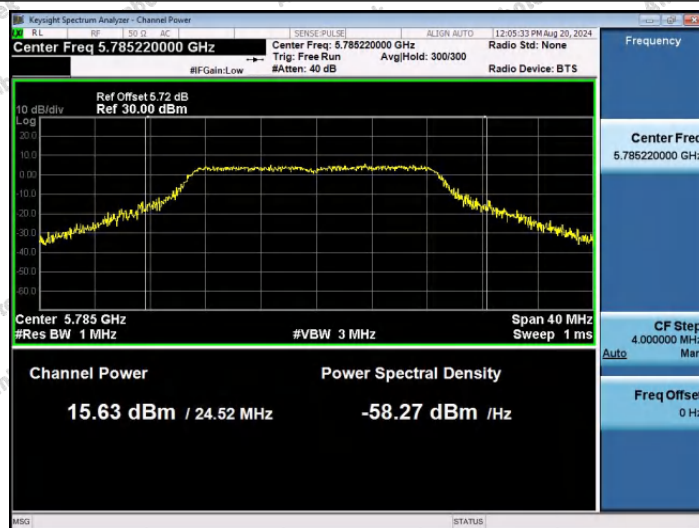


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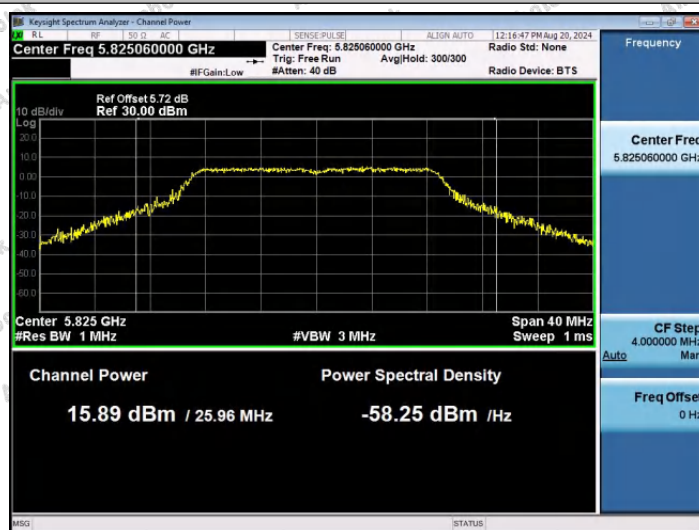




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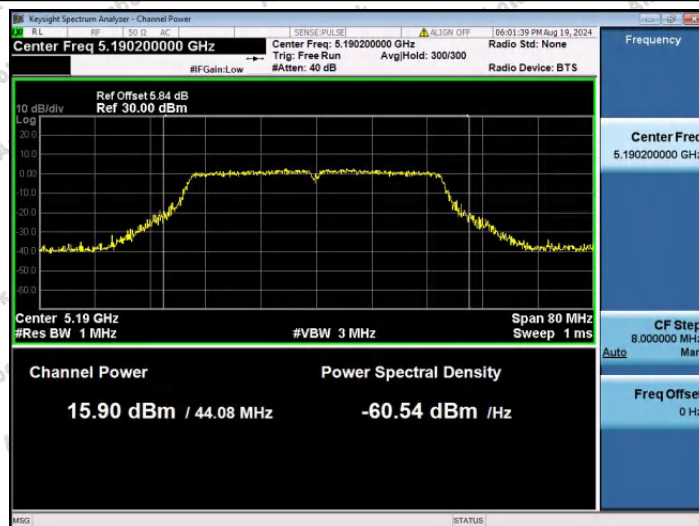


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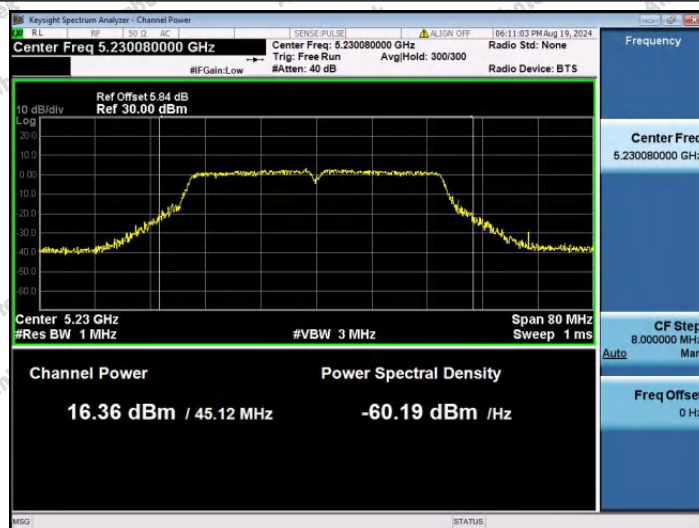


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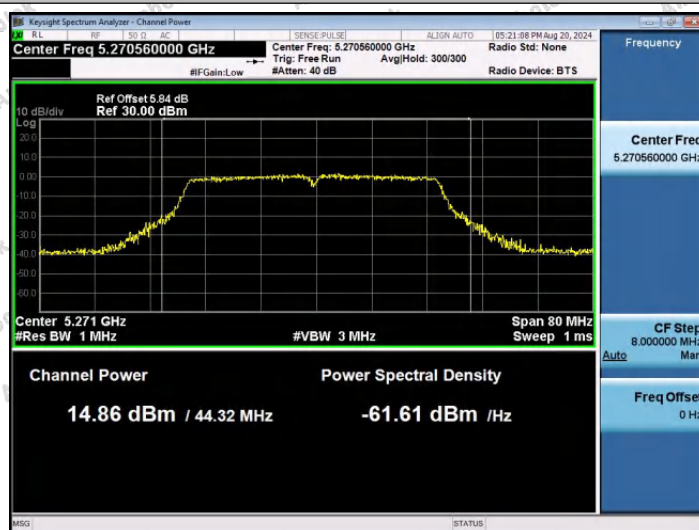




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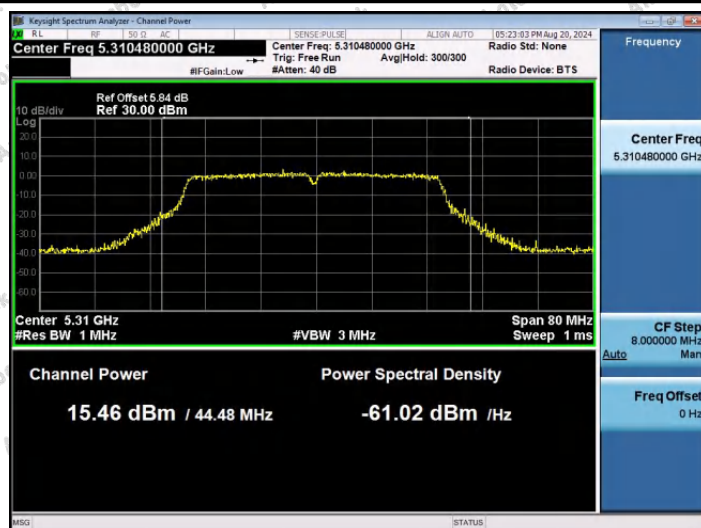


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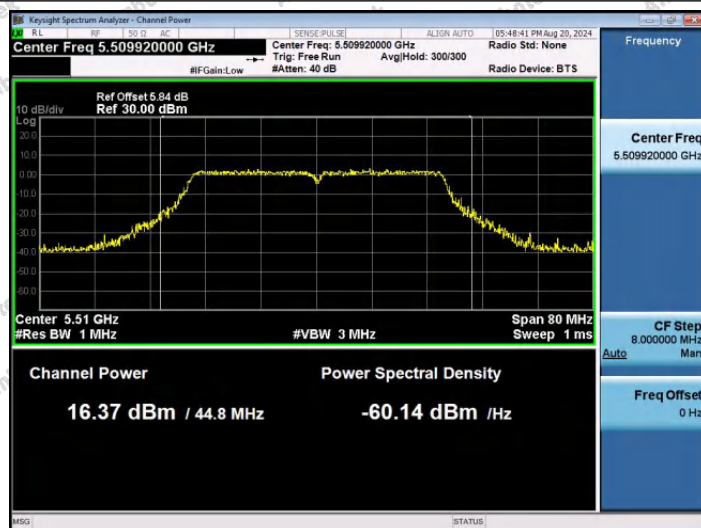


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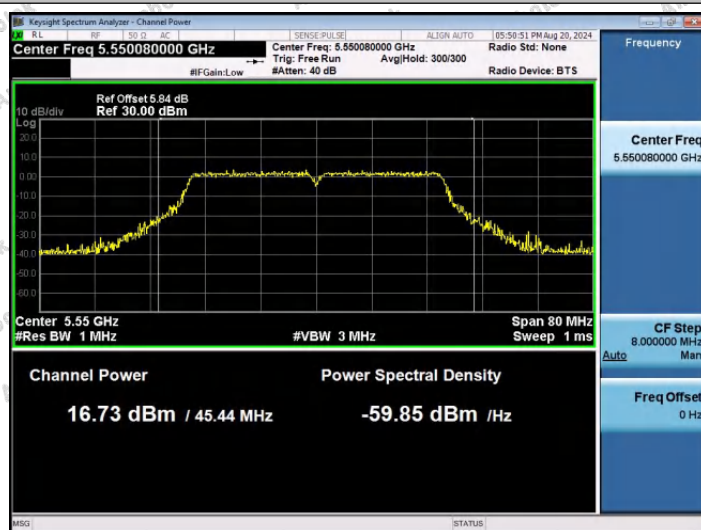




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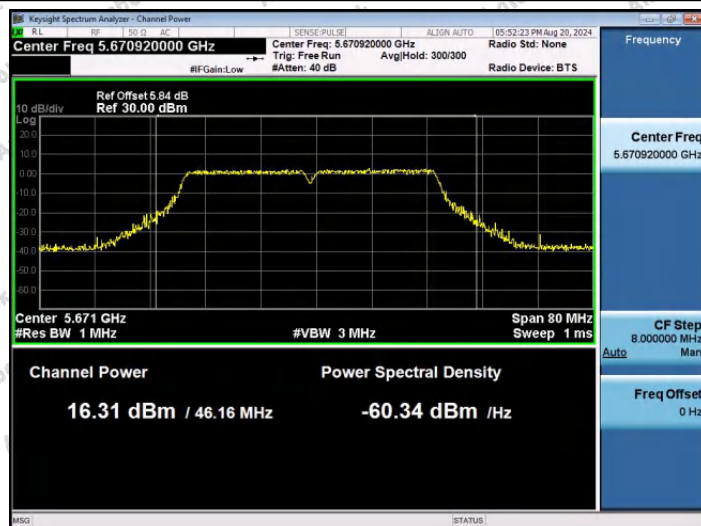


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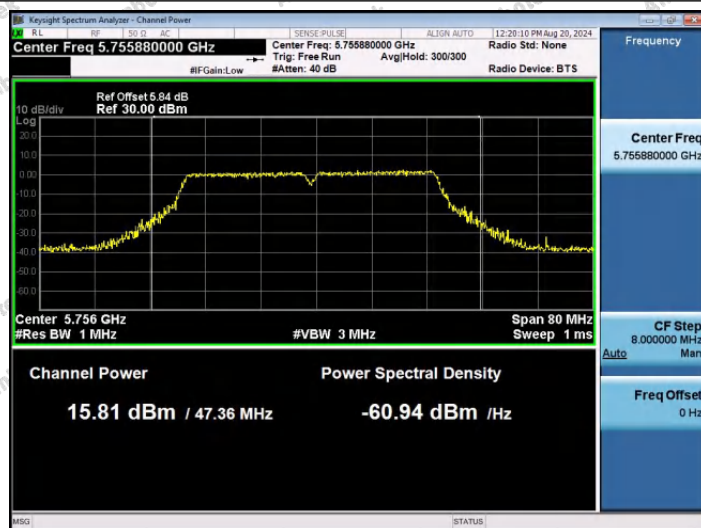


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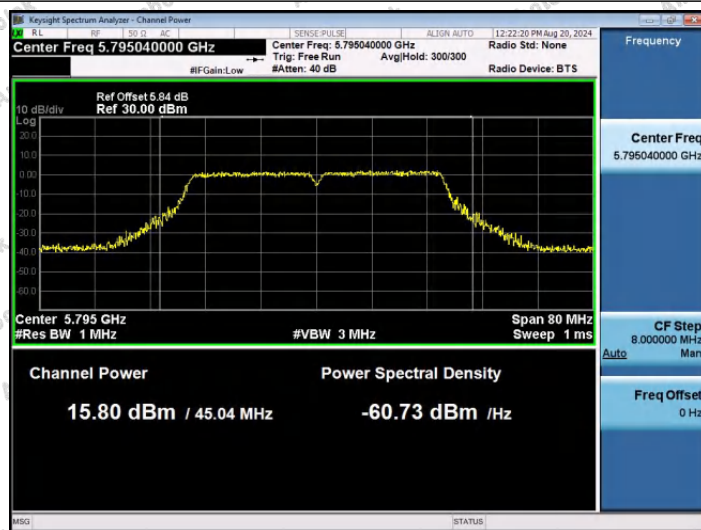




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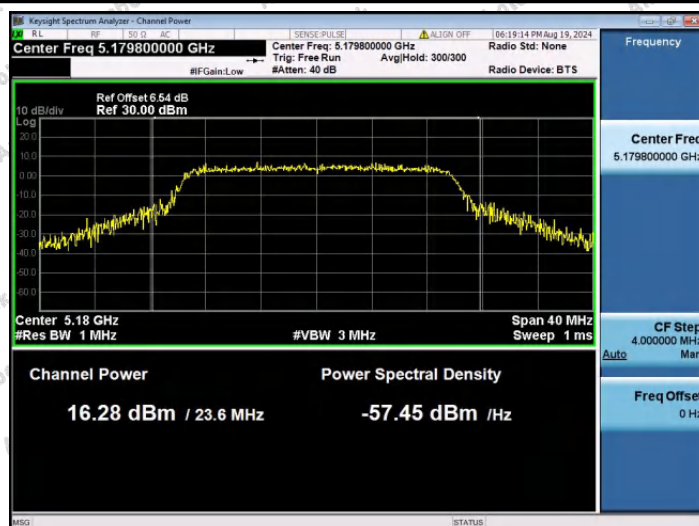


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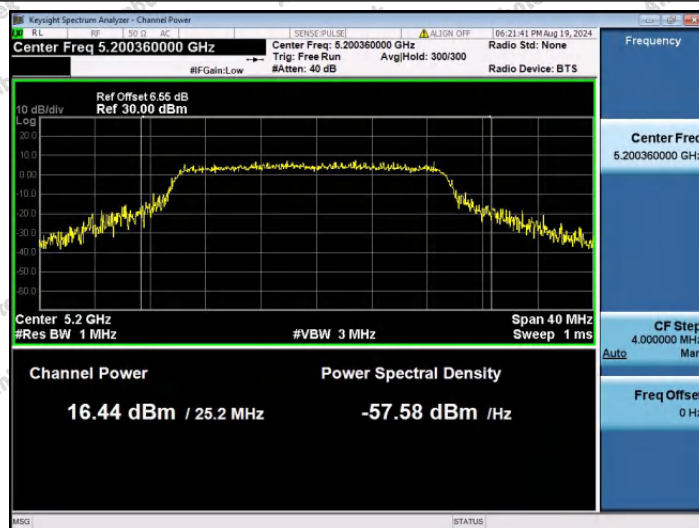


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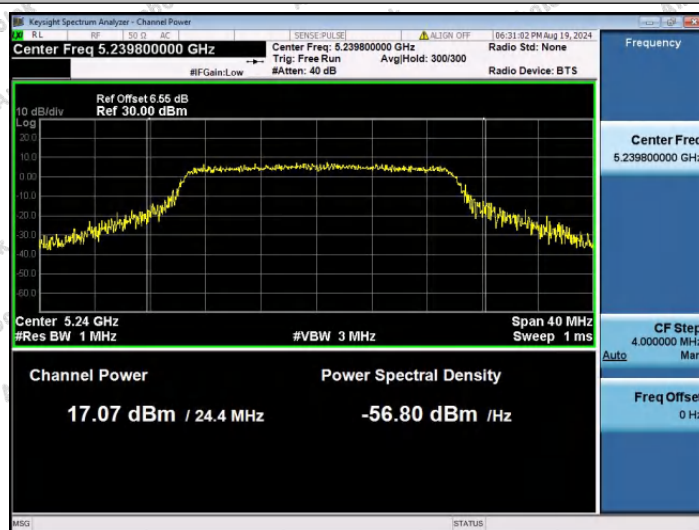




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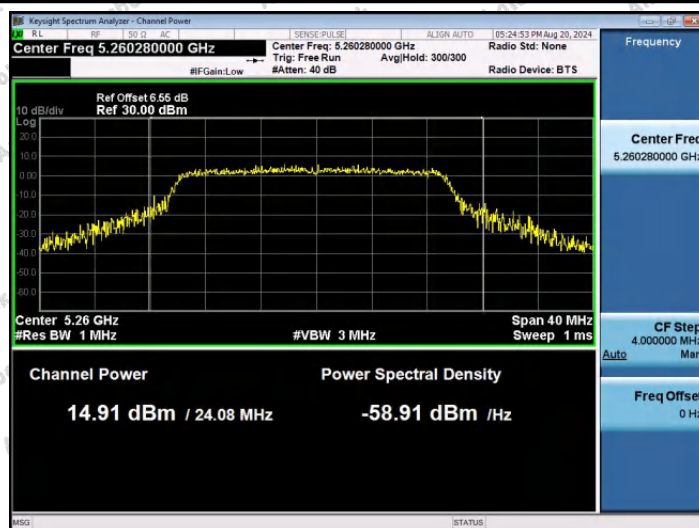


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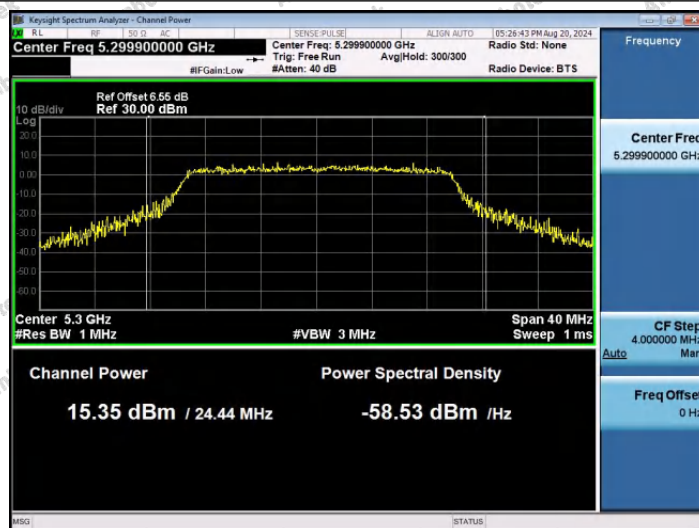


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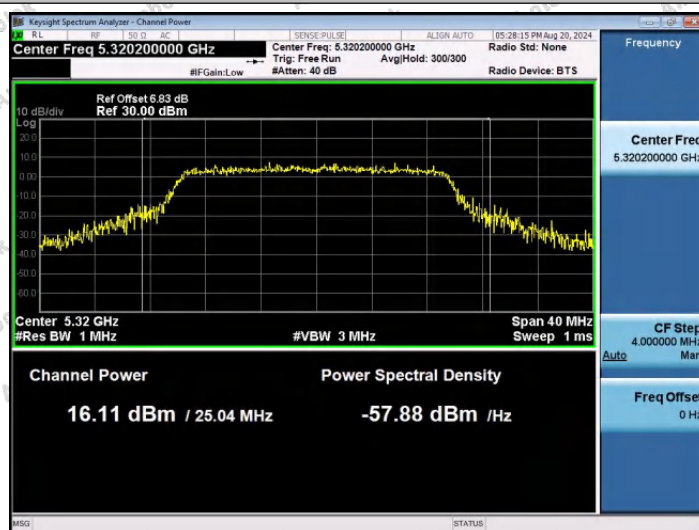




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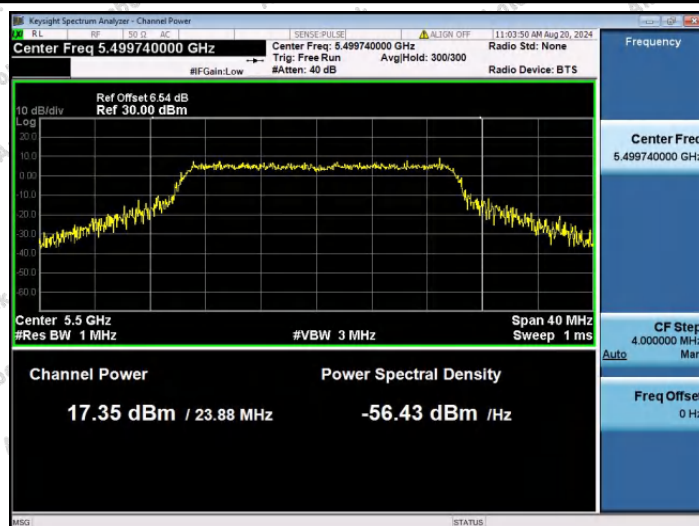


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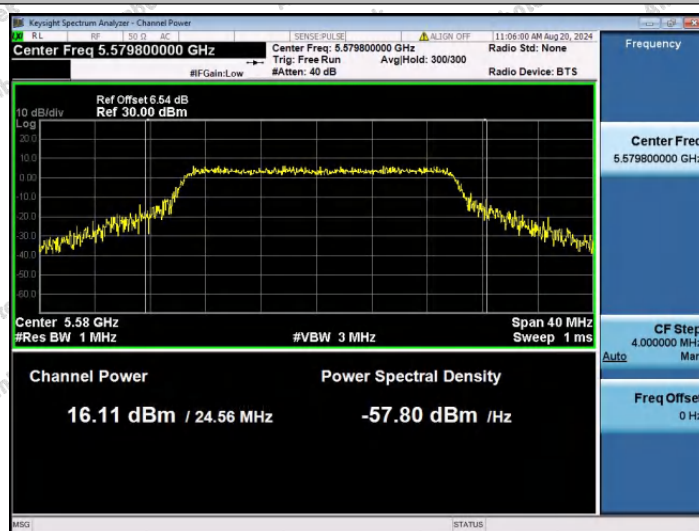


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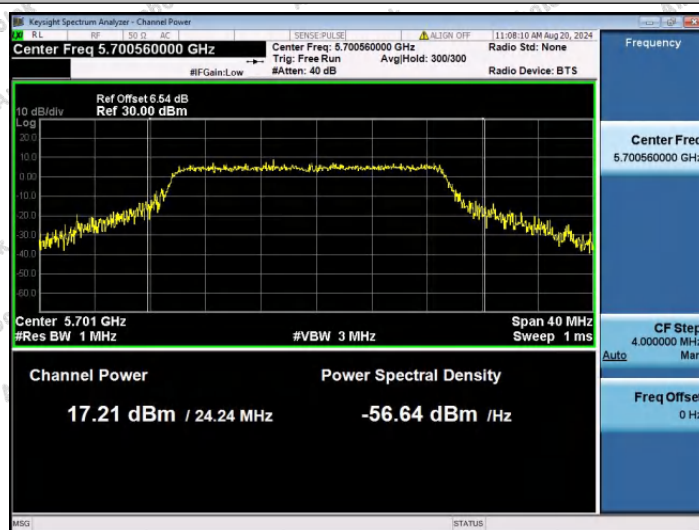




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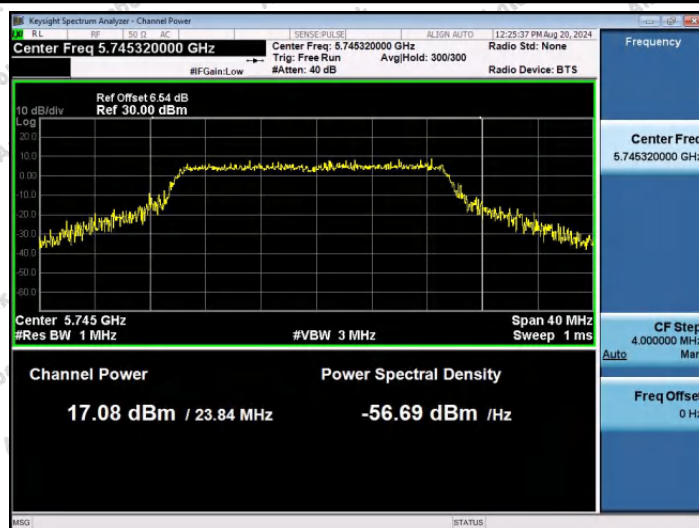


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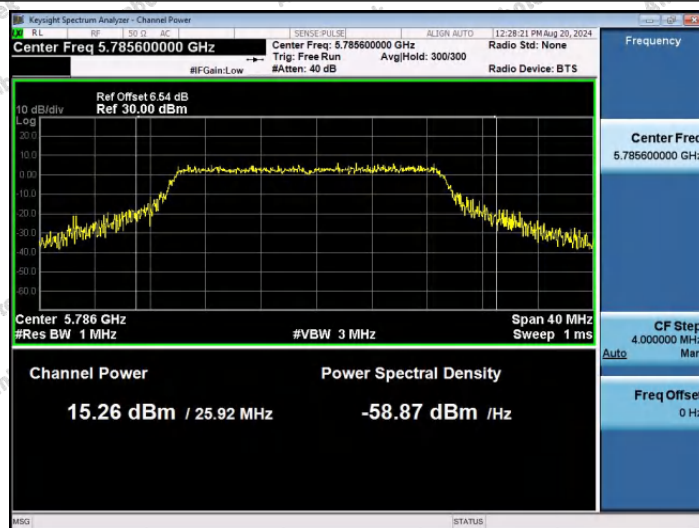


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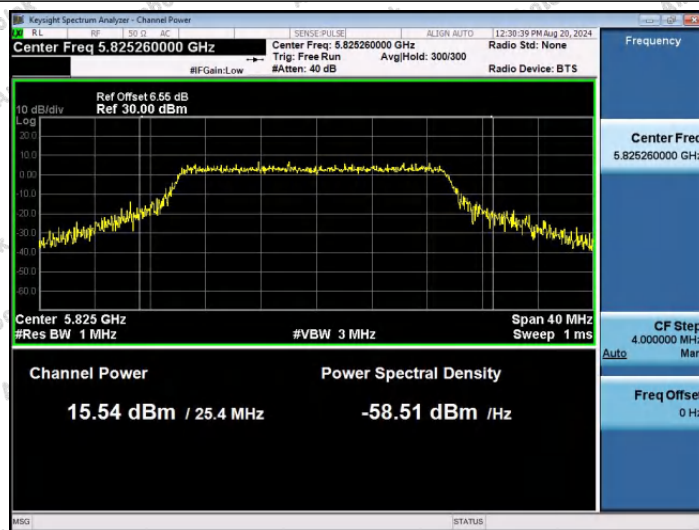




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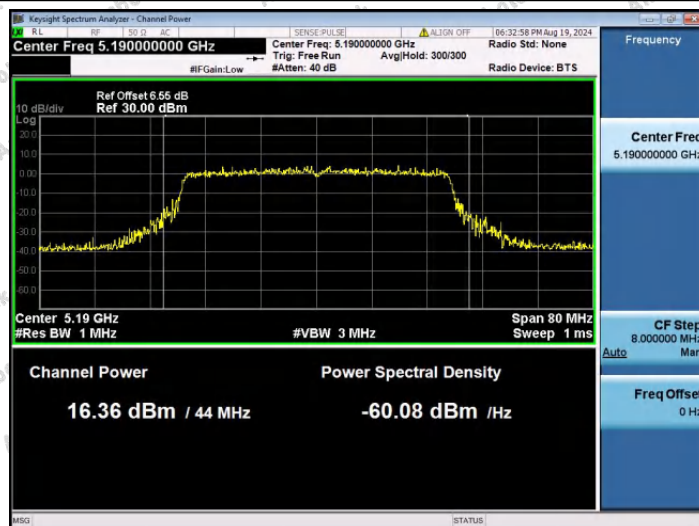


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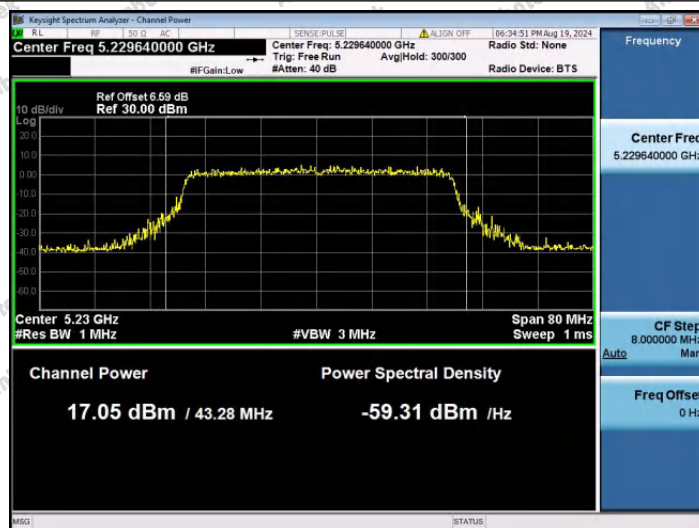


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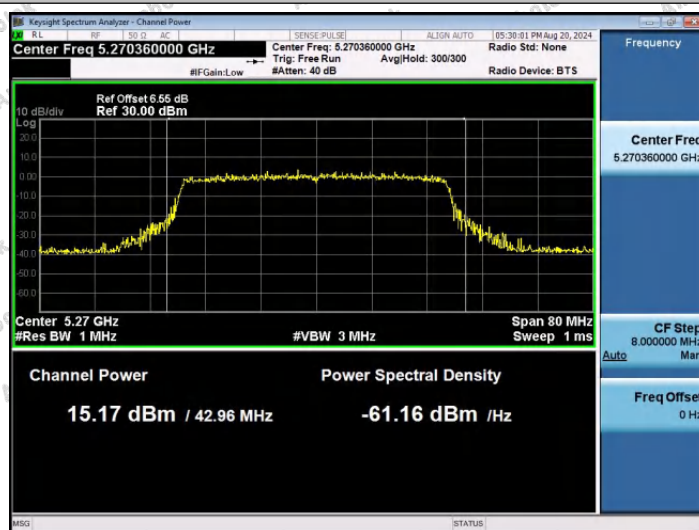




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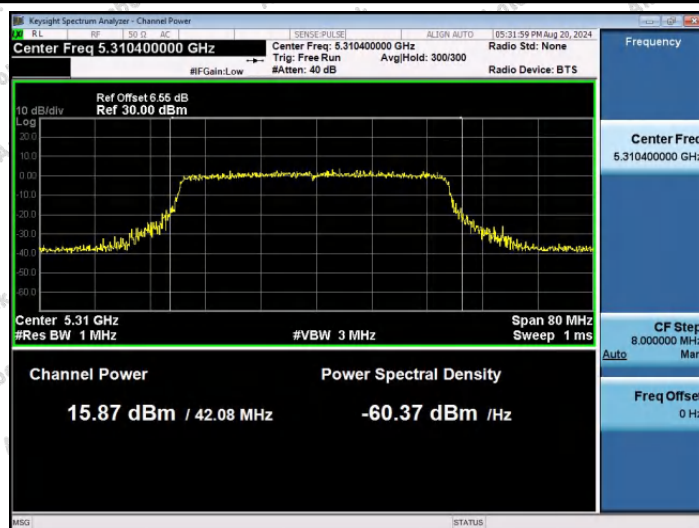


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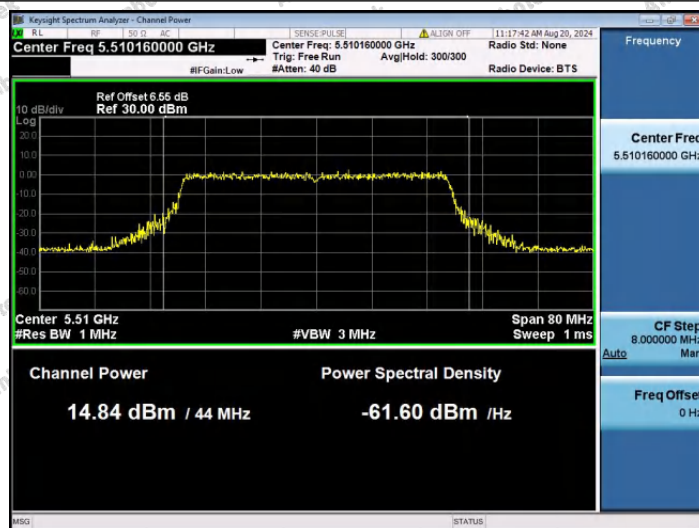


11AC40SISO-Ant1-5270-PASS

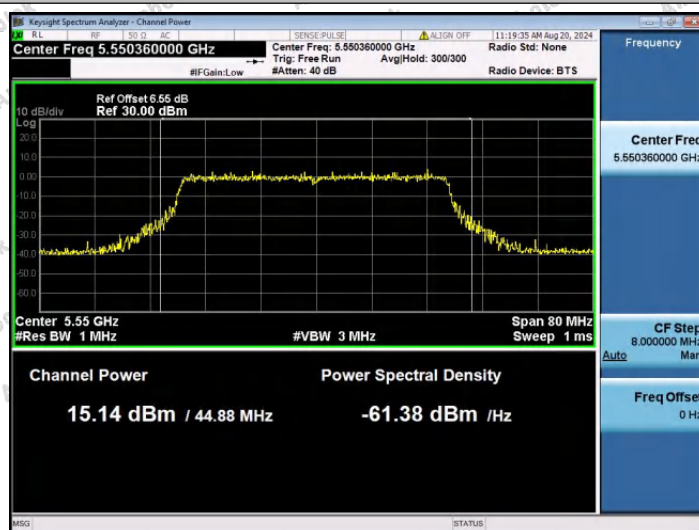




11AC40SISO-Ant1-5310-PASS

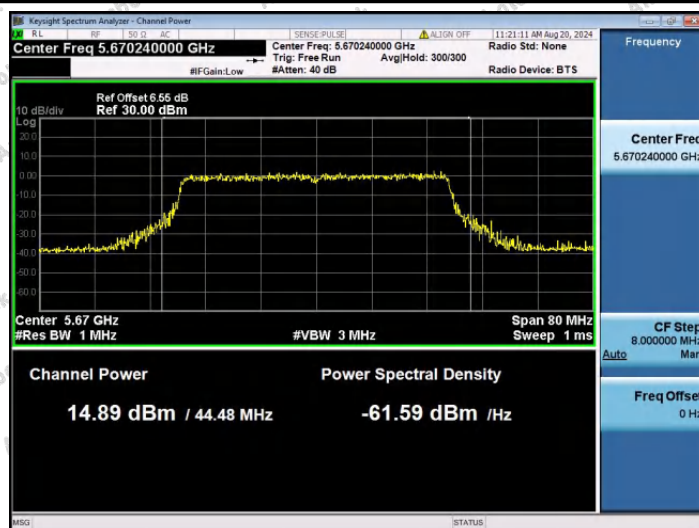


11AC40SISO-Ant1-5510-PASS

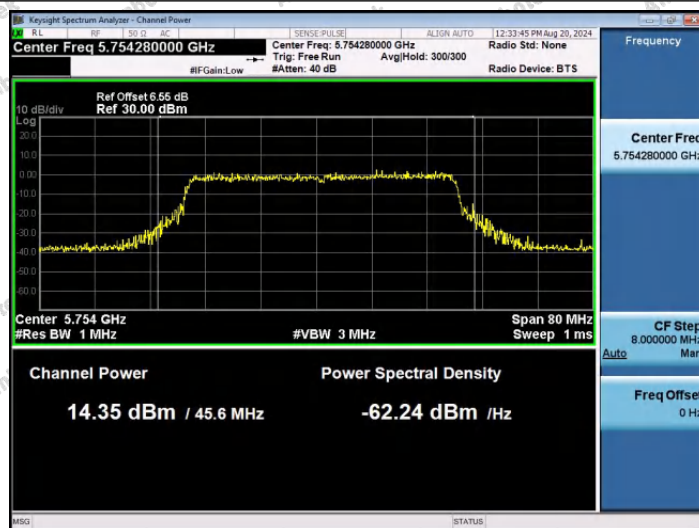


11AC40SISO-Ant1-5550-PASS

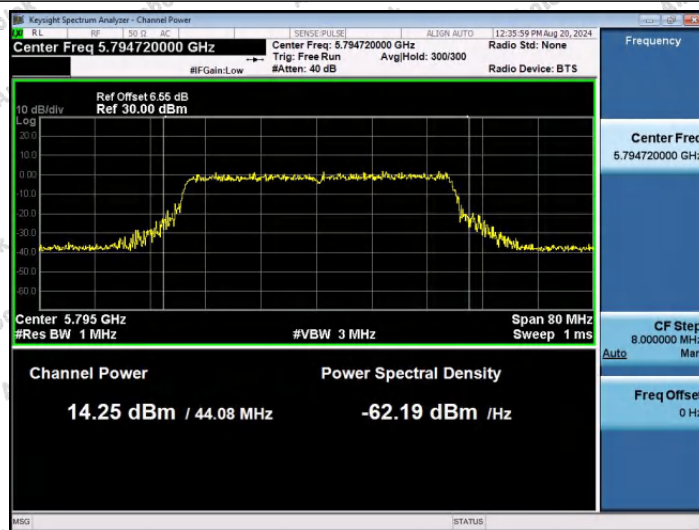




11AC40SISO-Ant1-5670-PASS

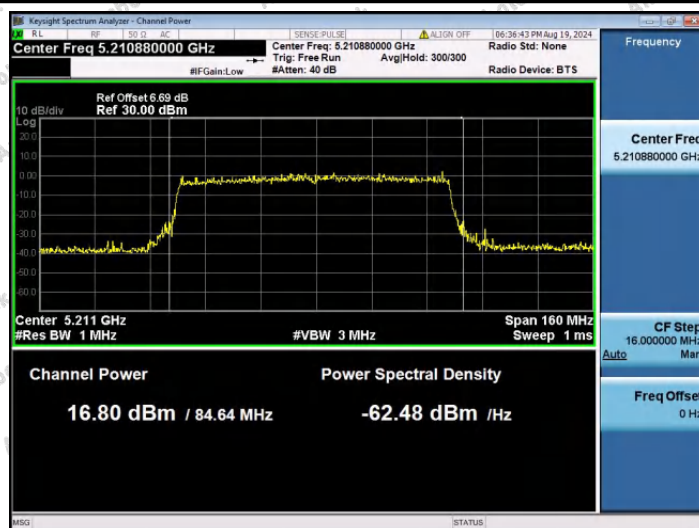


11AC40SISO-Ant1-5755-PASS

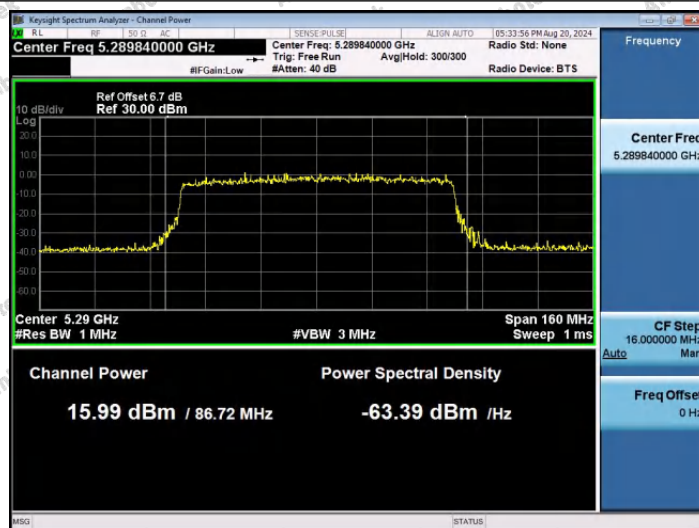


11AC40SISO-Ant1-5795-PASS

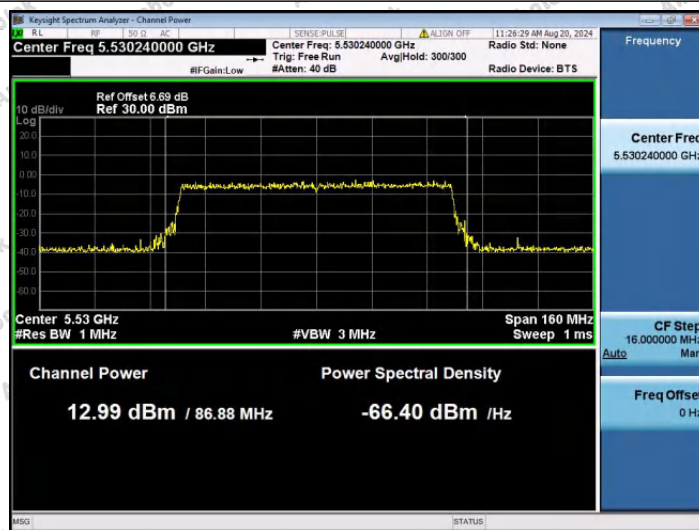




11AC80SISO-Ant1-5210-PASS

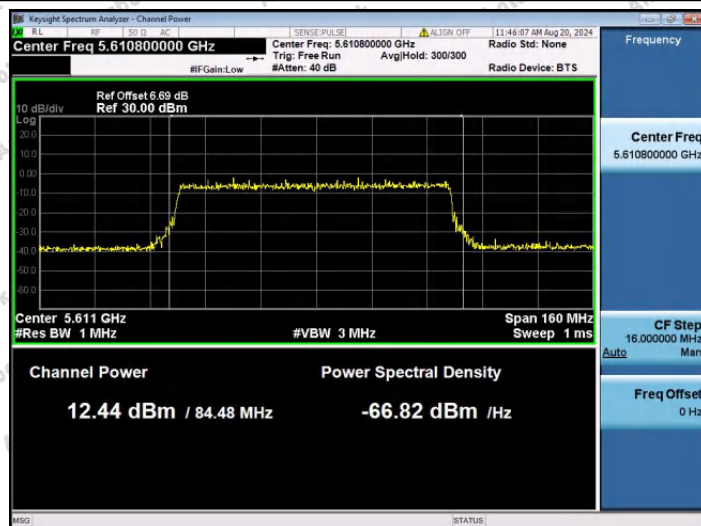


11AC80SISO-Ant1-5290-PASS



11AC80SISO-Ant1-5530-PASS





11AC80SISO-Ant1-5610-PASS



11AC80SISO-Ant1-5775-PASS

