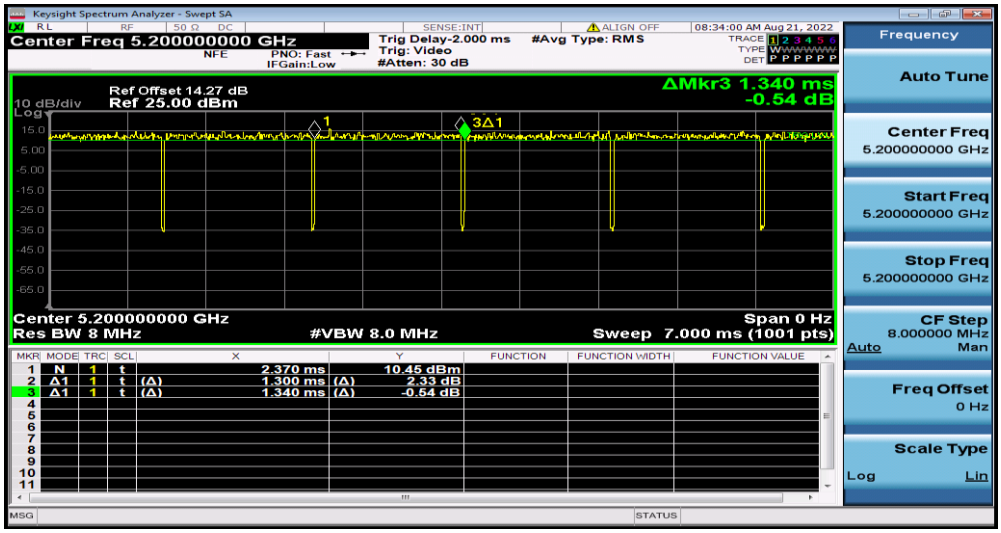

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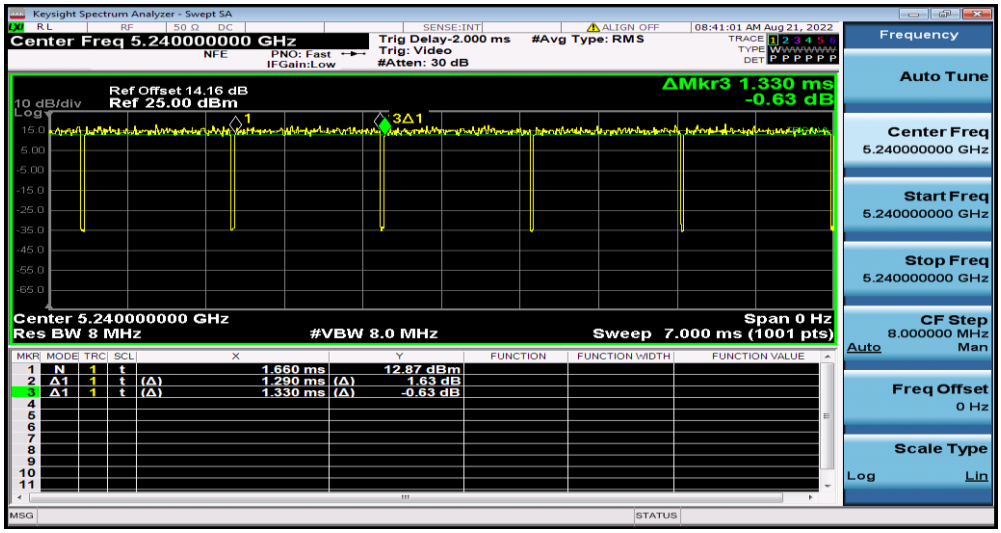

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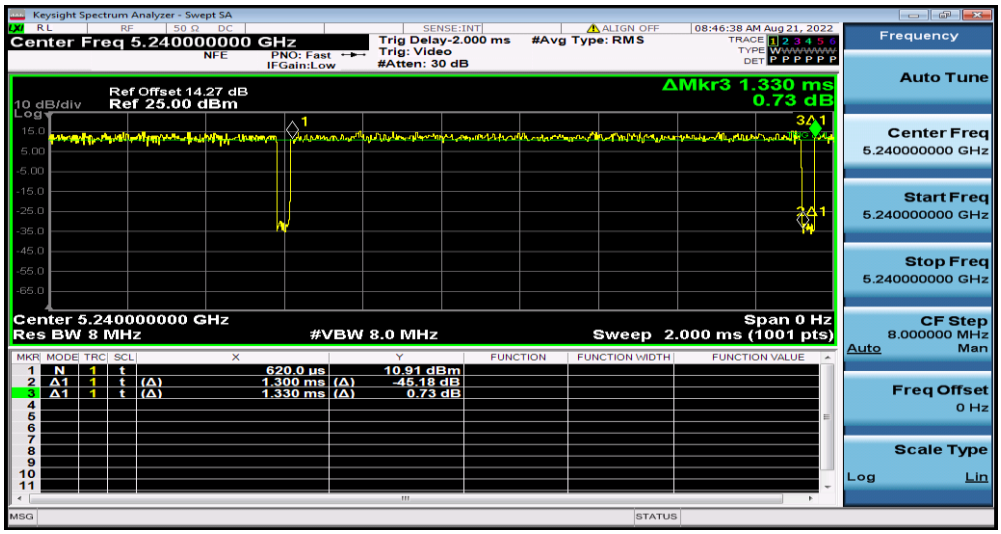

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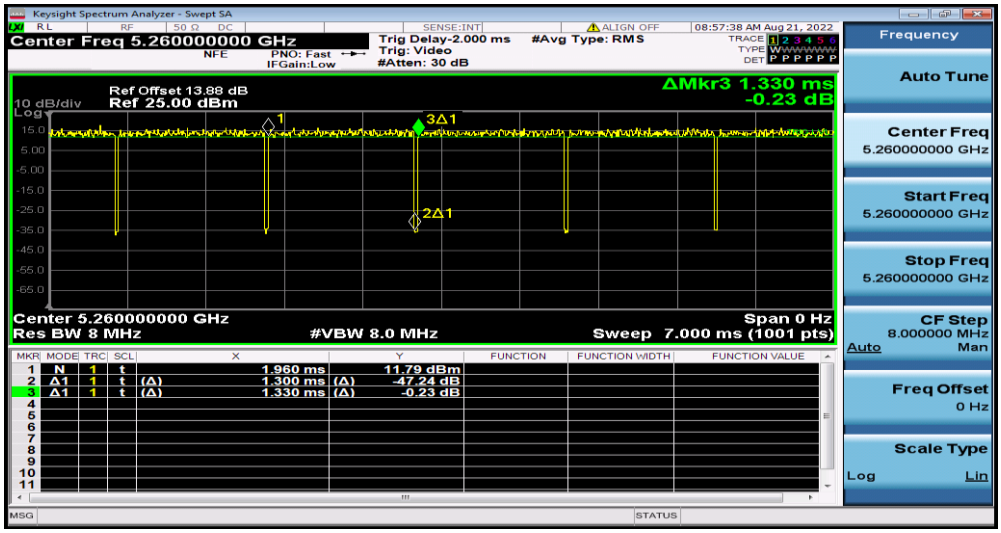

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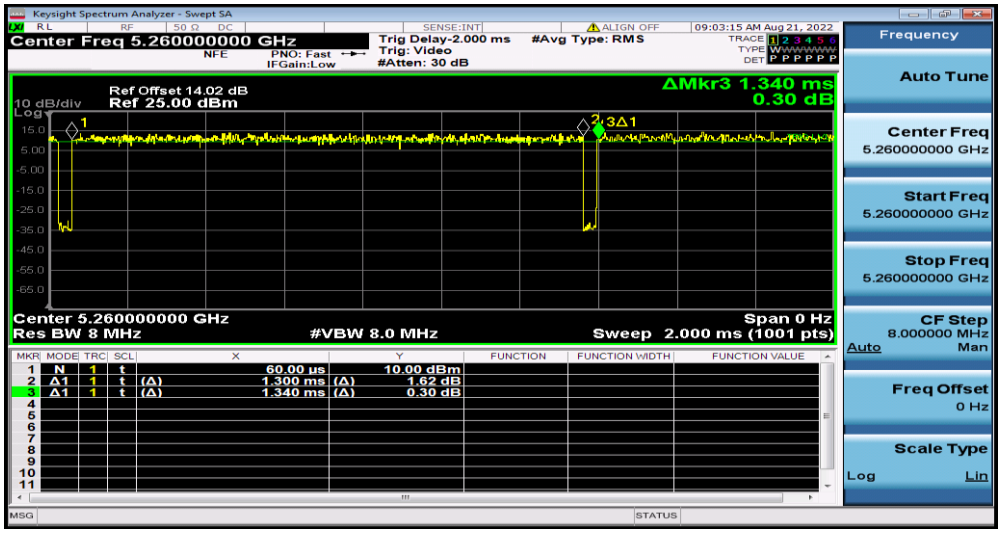

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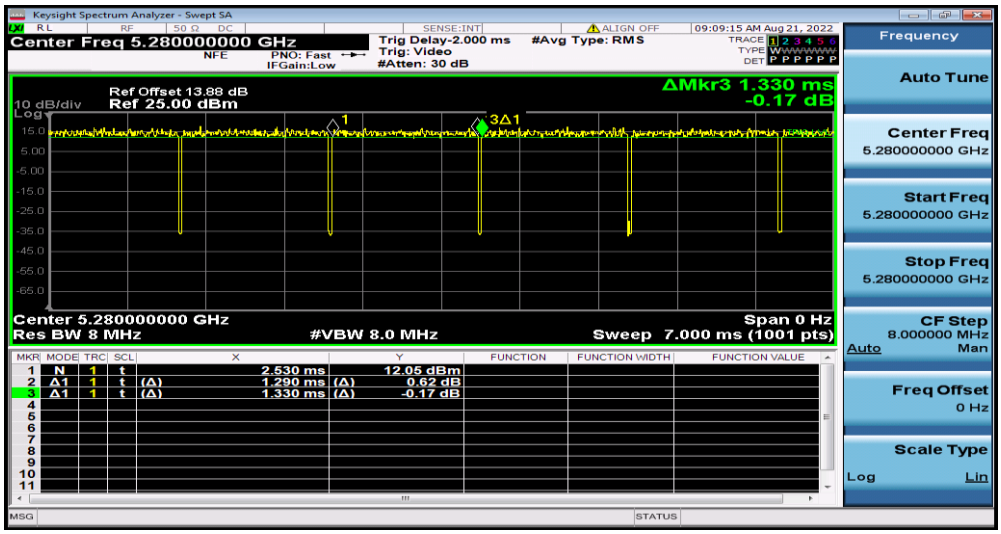

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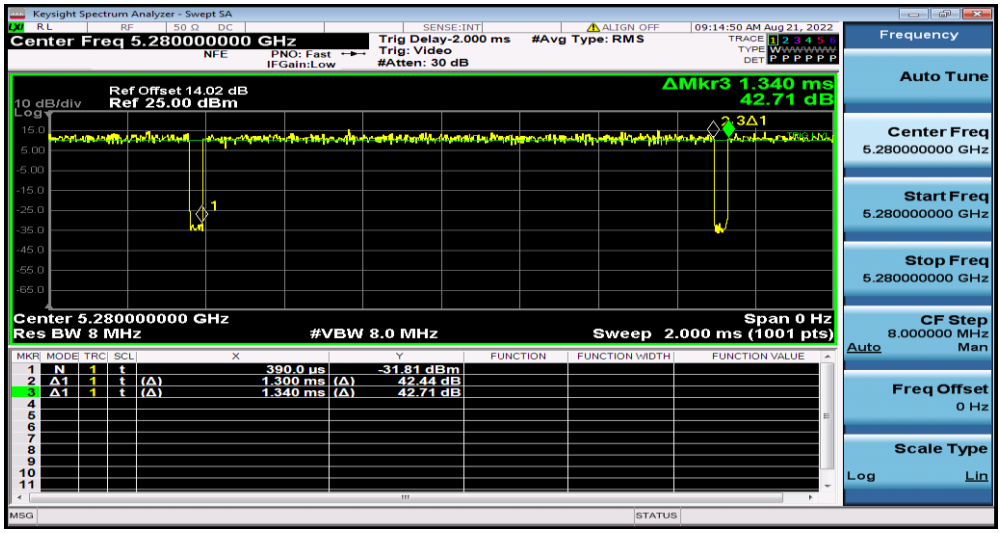

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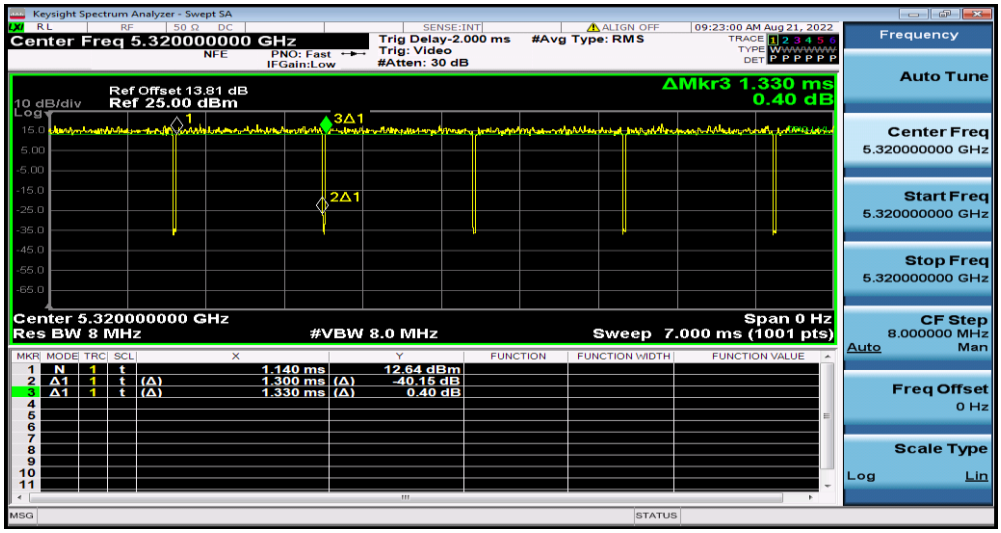

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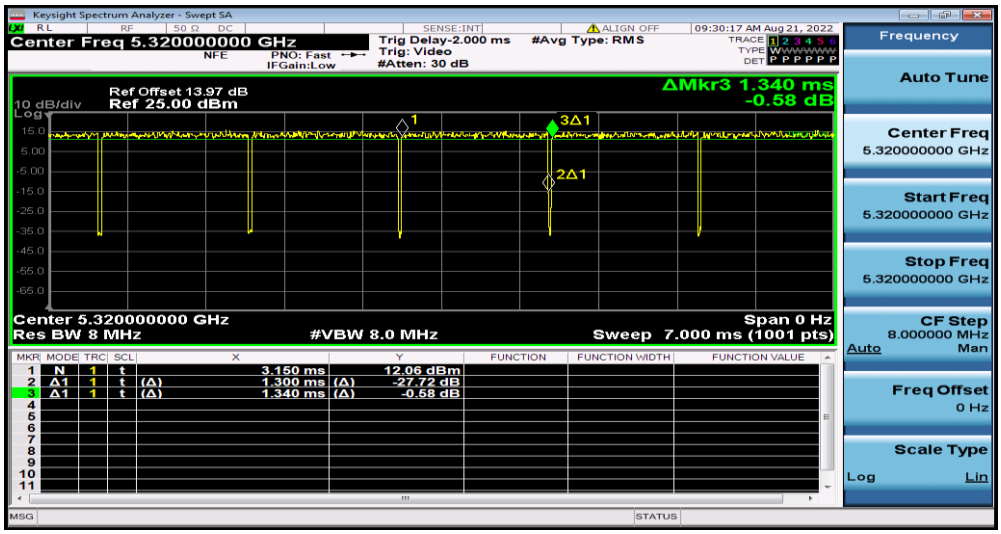

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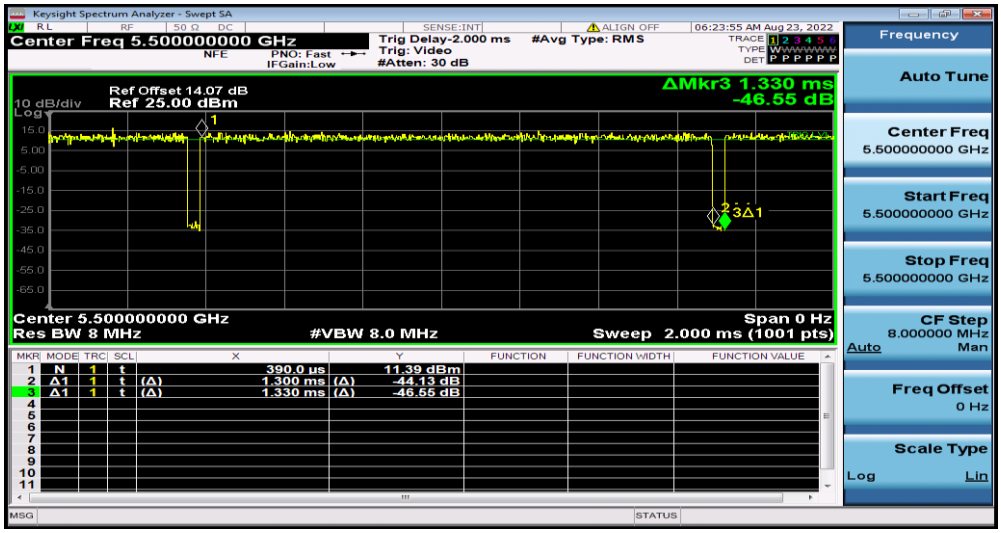

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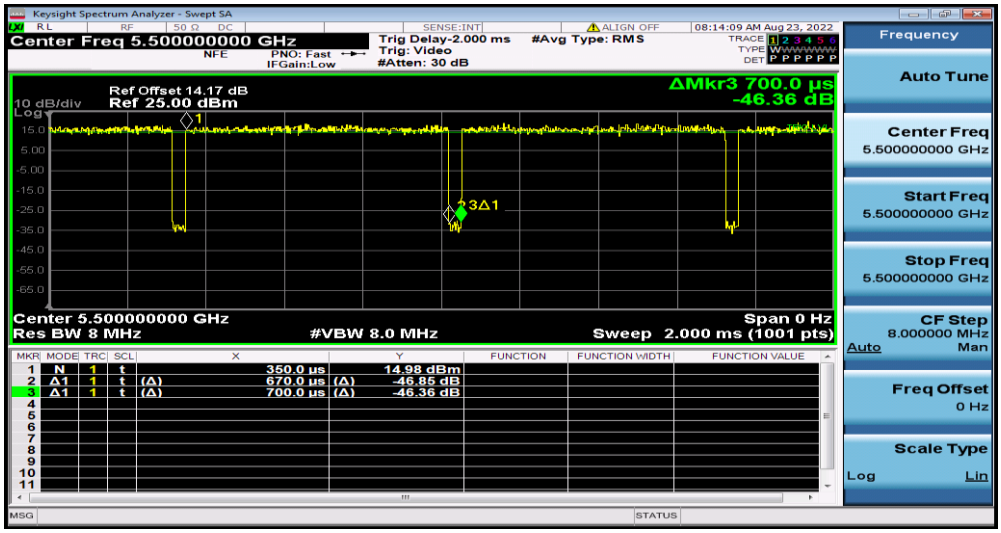

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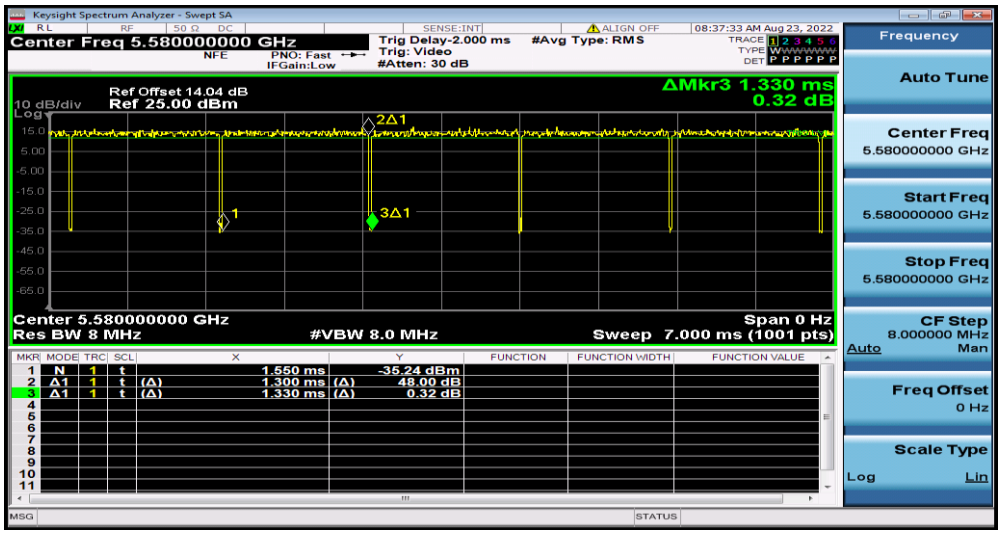

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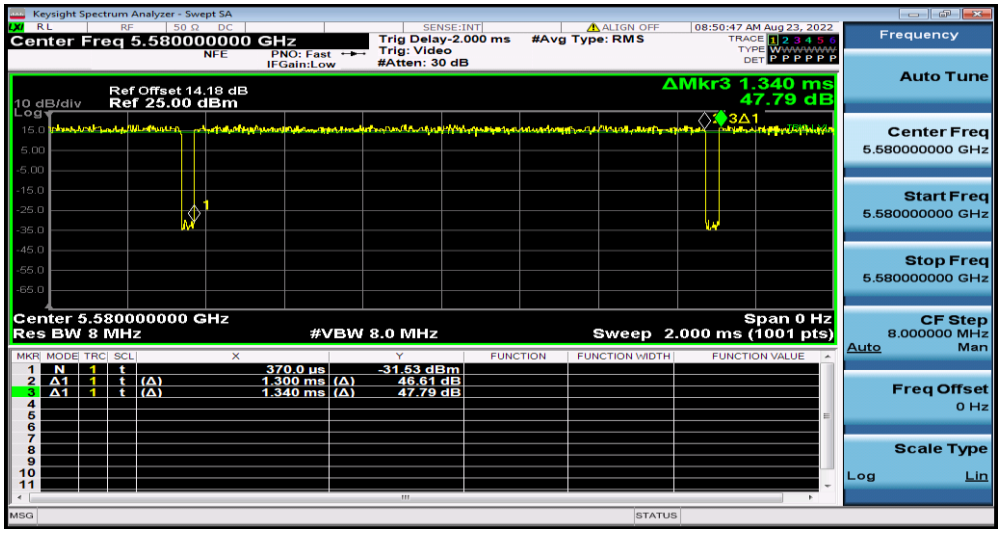

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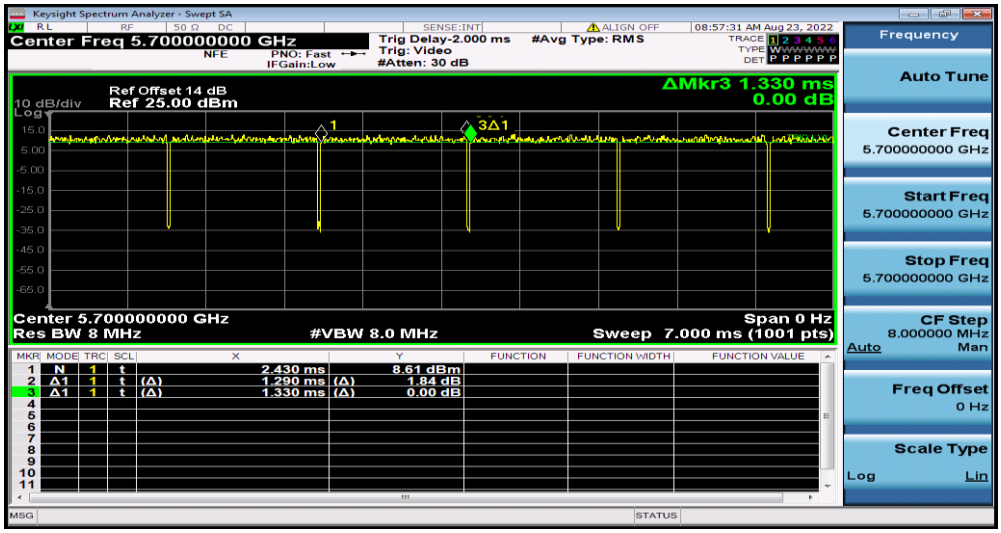

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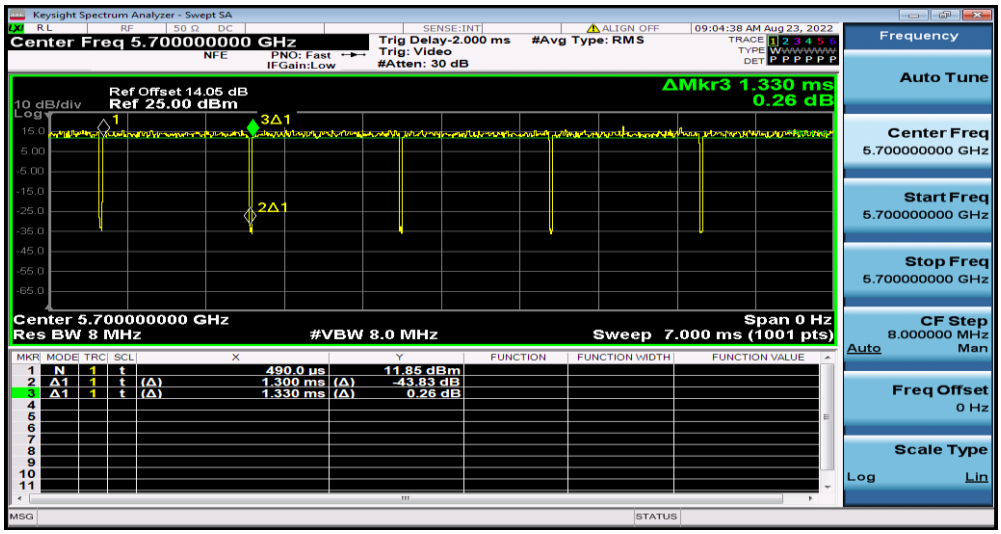

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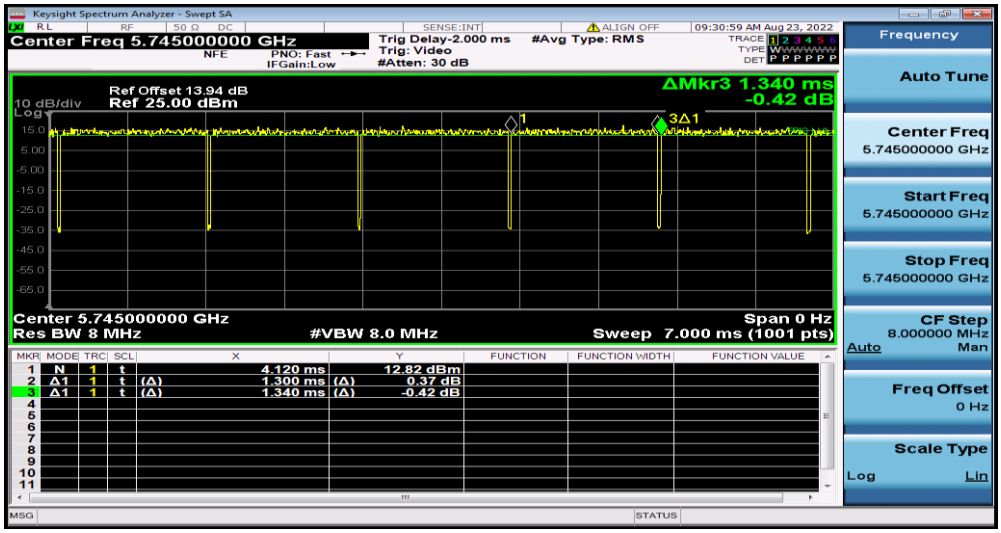

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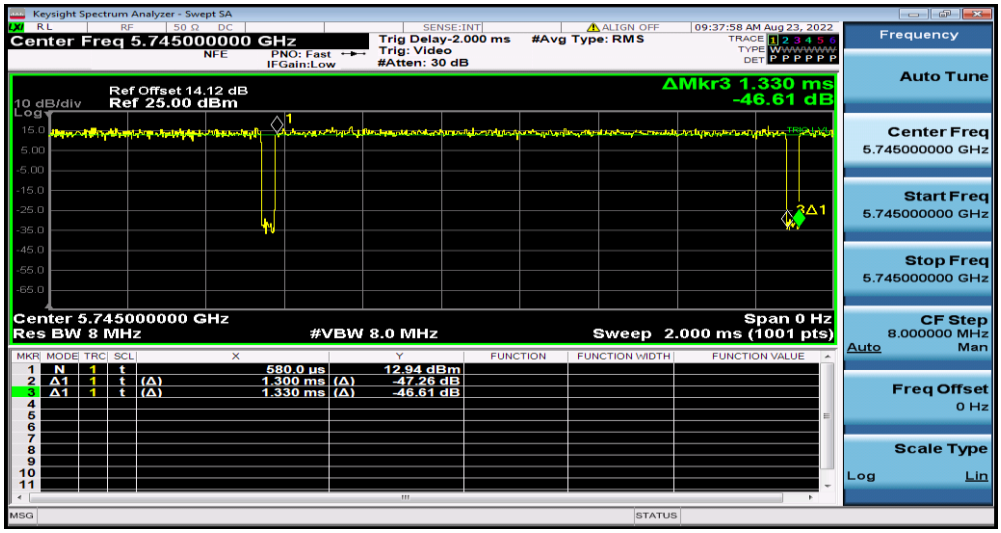

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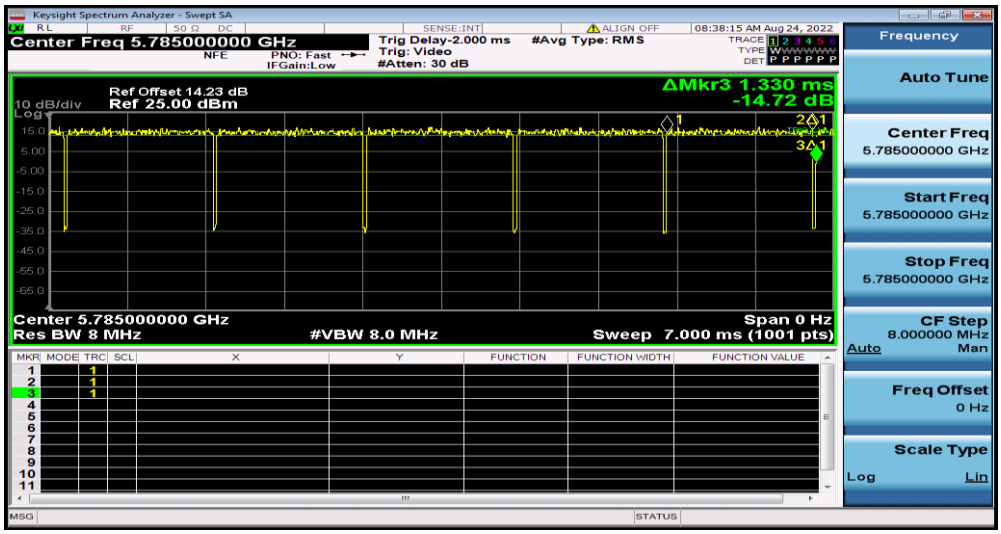
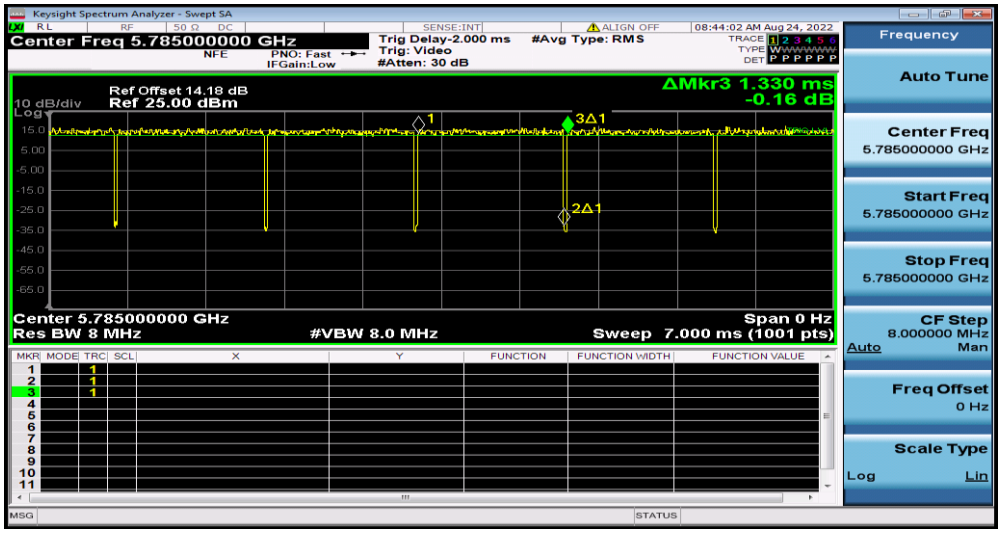
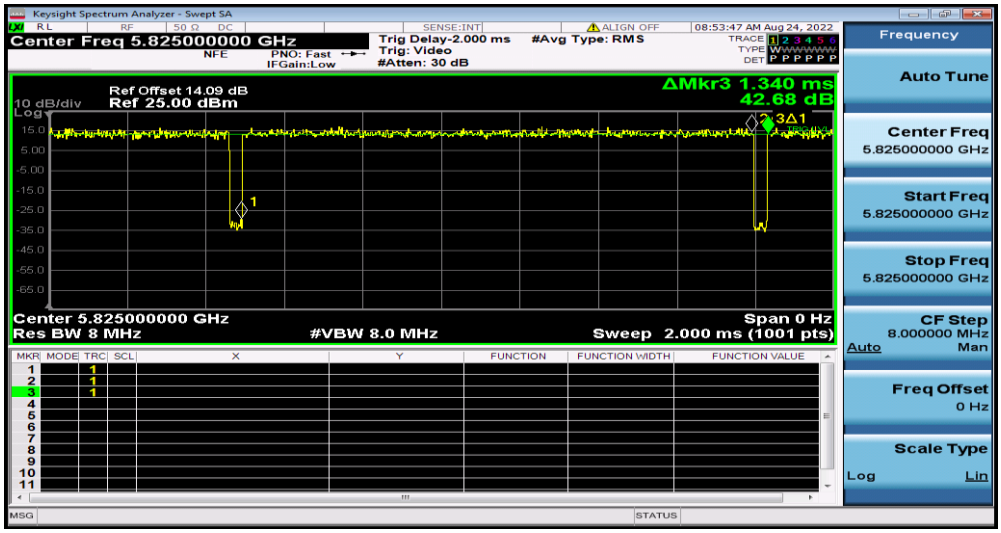


11N20MIMO_Ant1_5785



11N20MIMO_Ant2_5785



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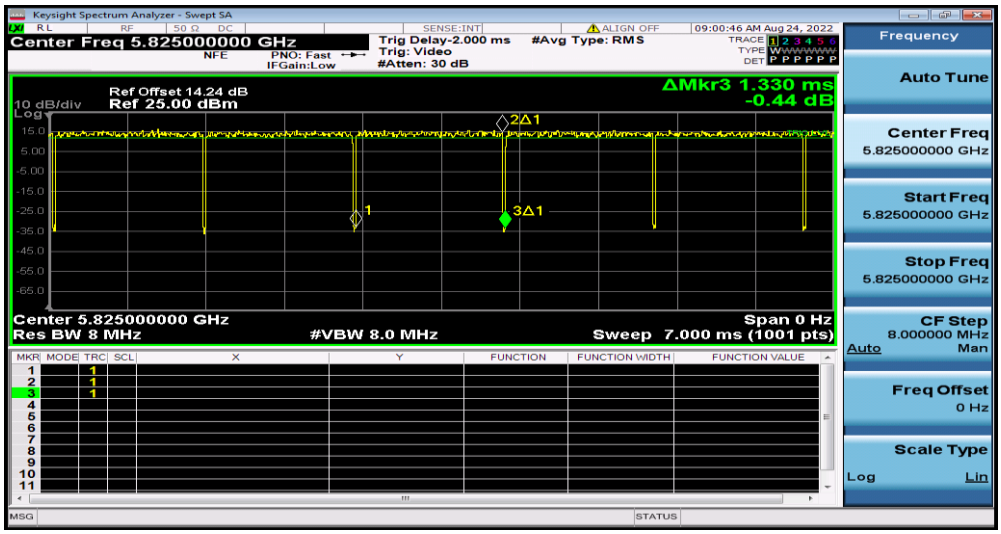

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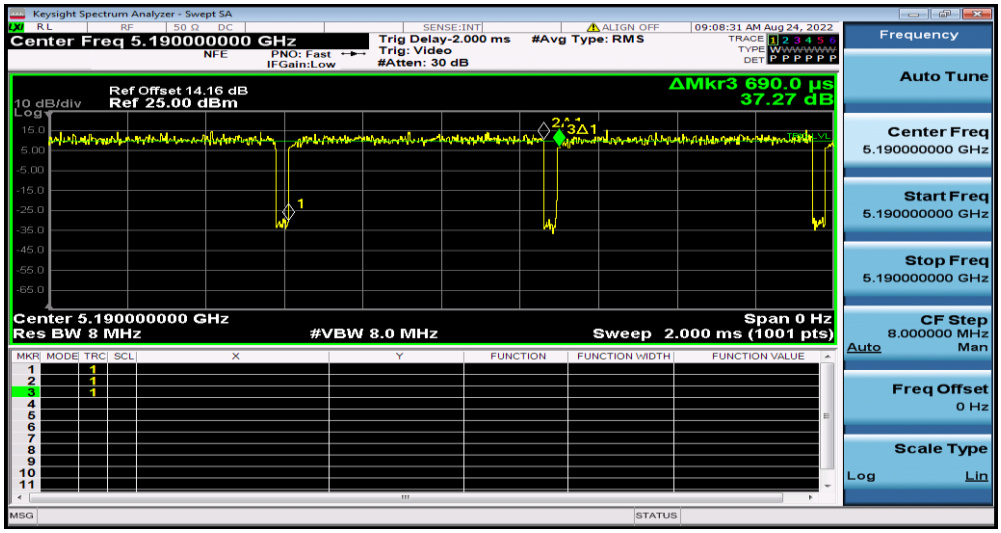

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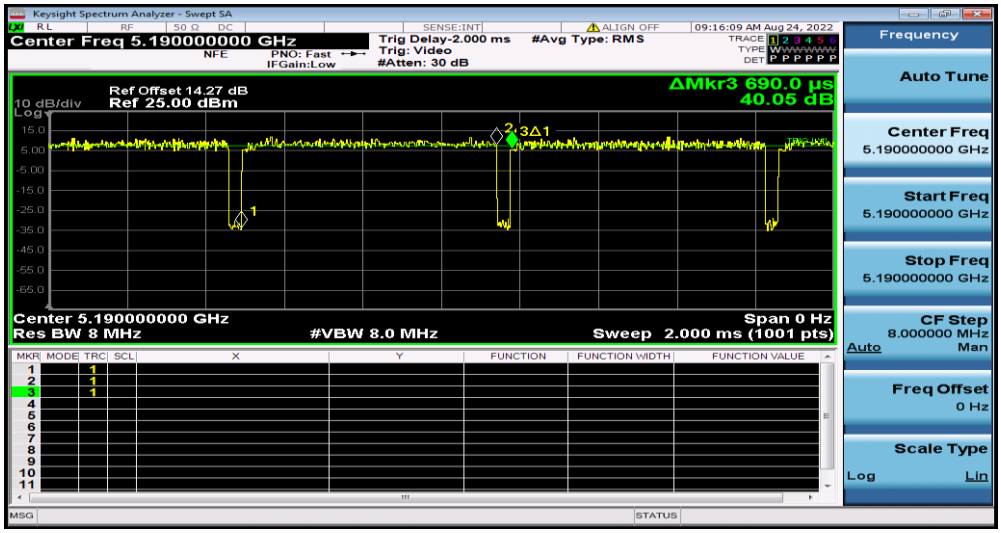

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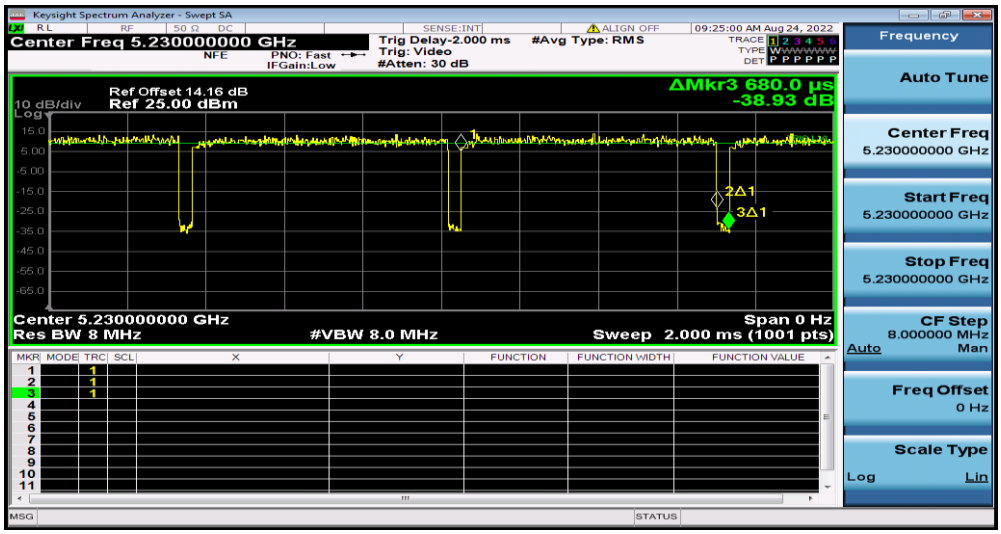

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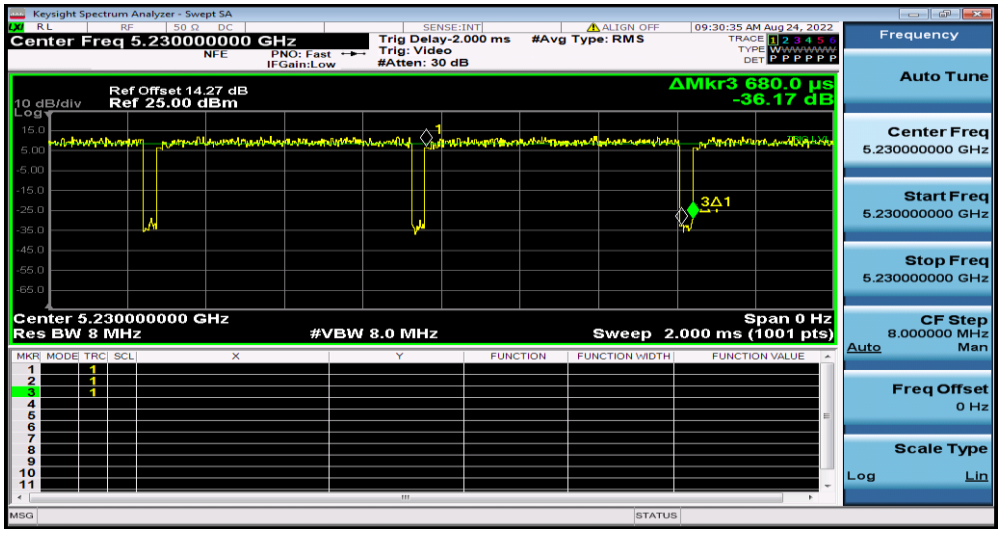

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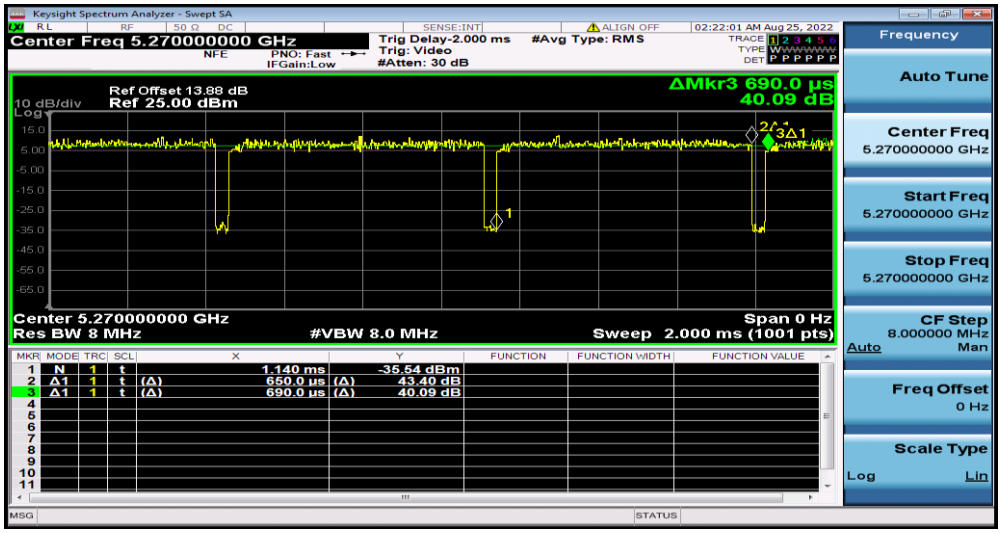

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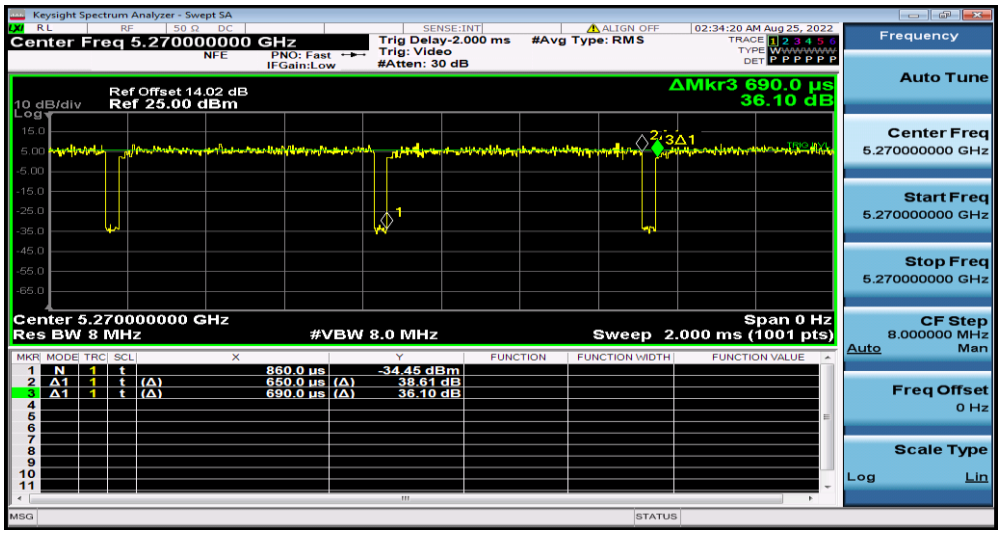

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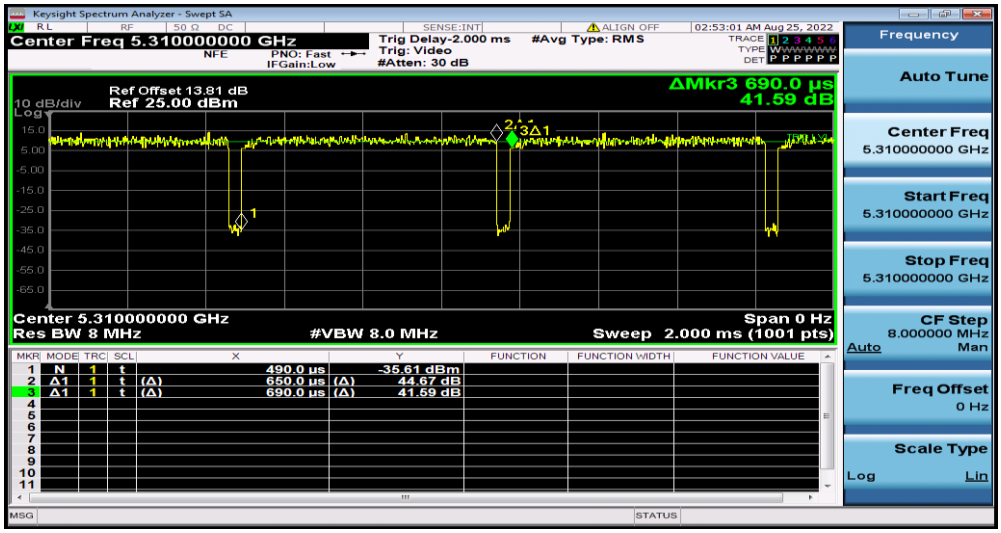

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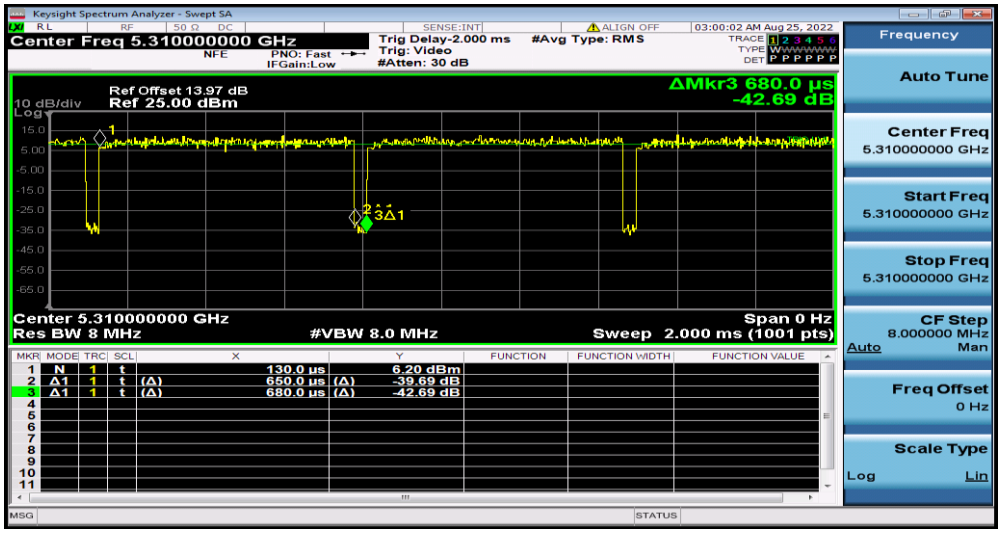

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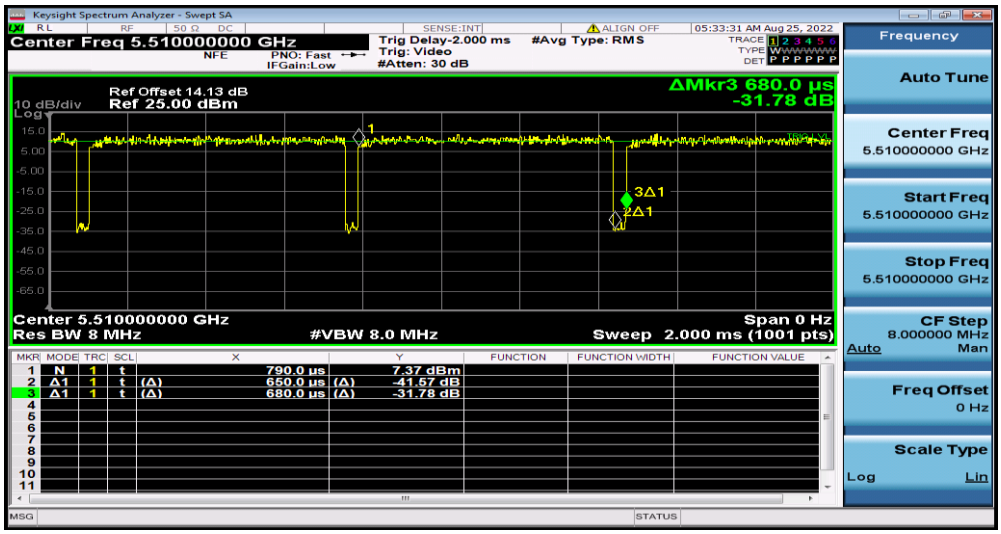

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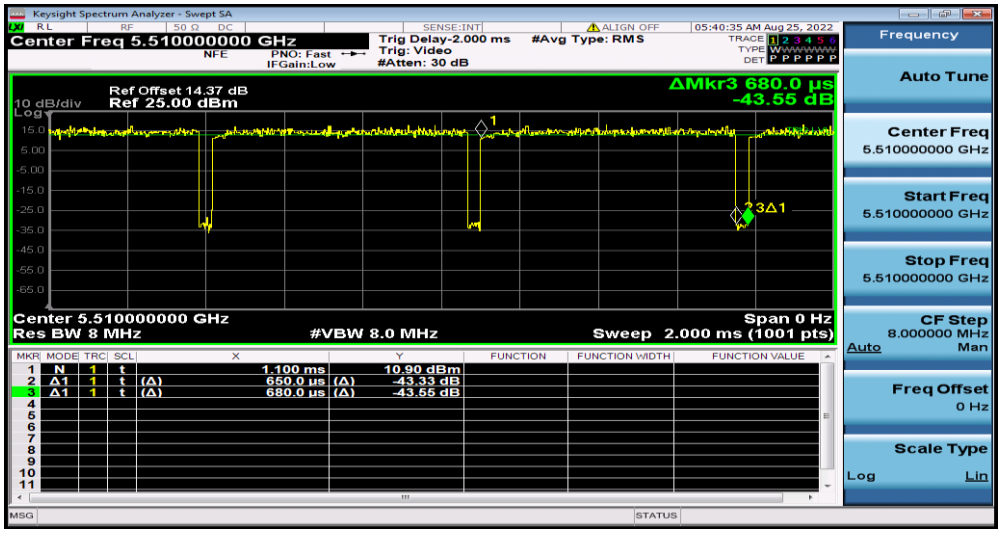

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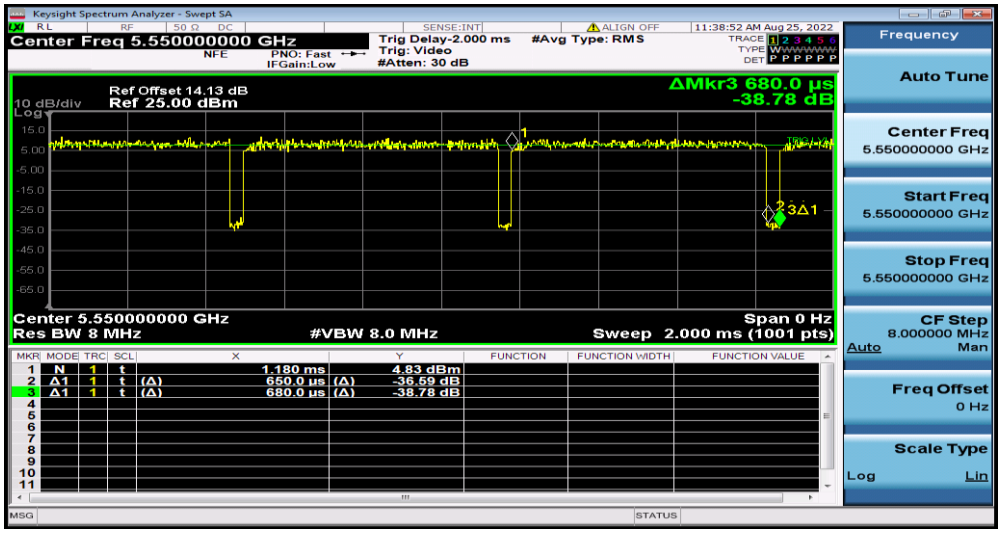

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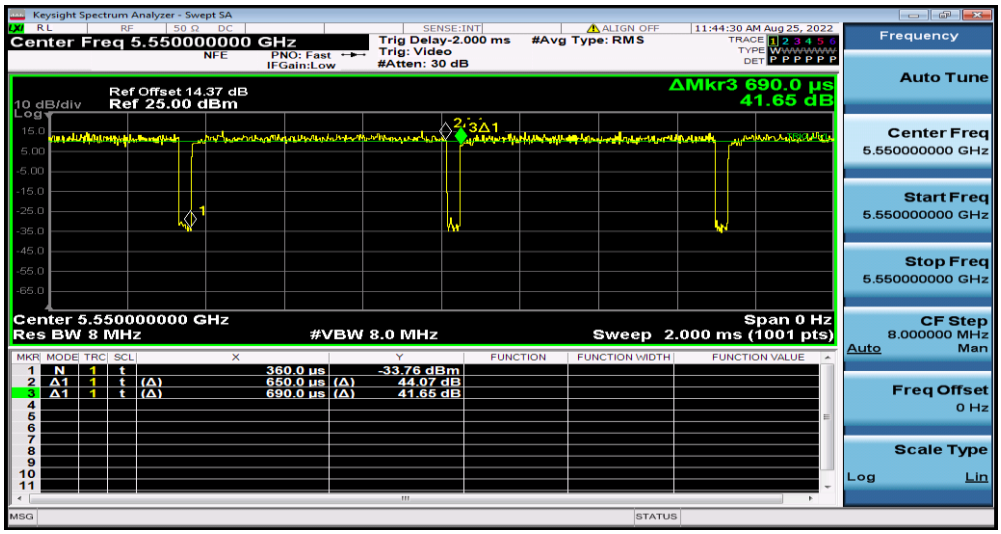

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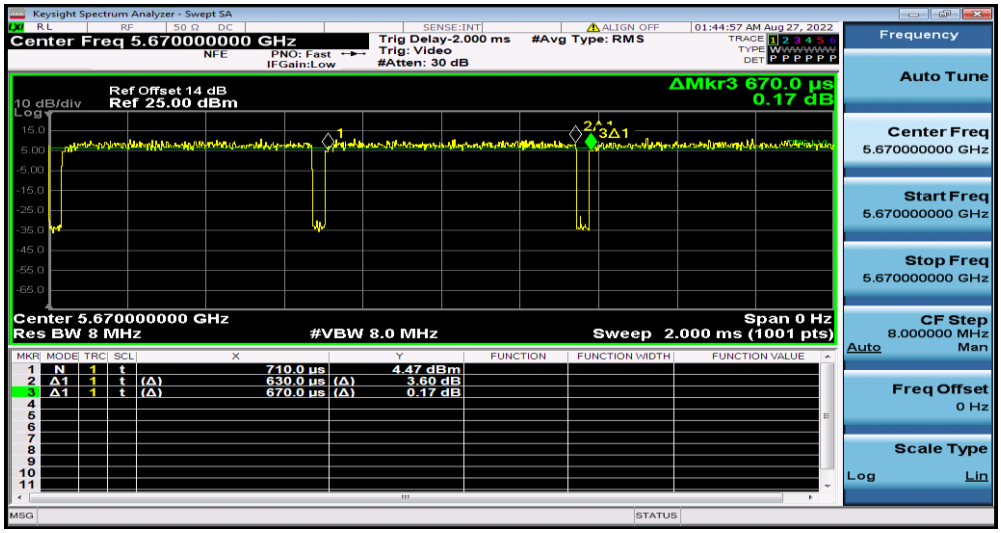
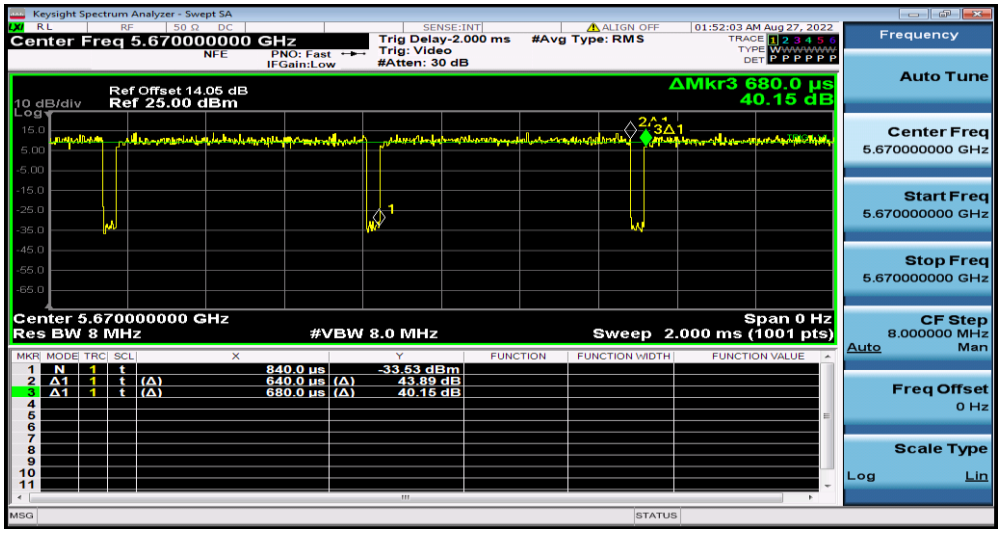


11N40MIMO_Ant1_5670



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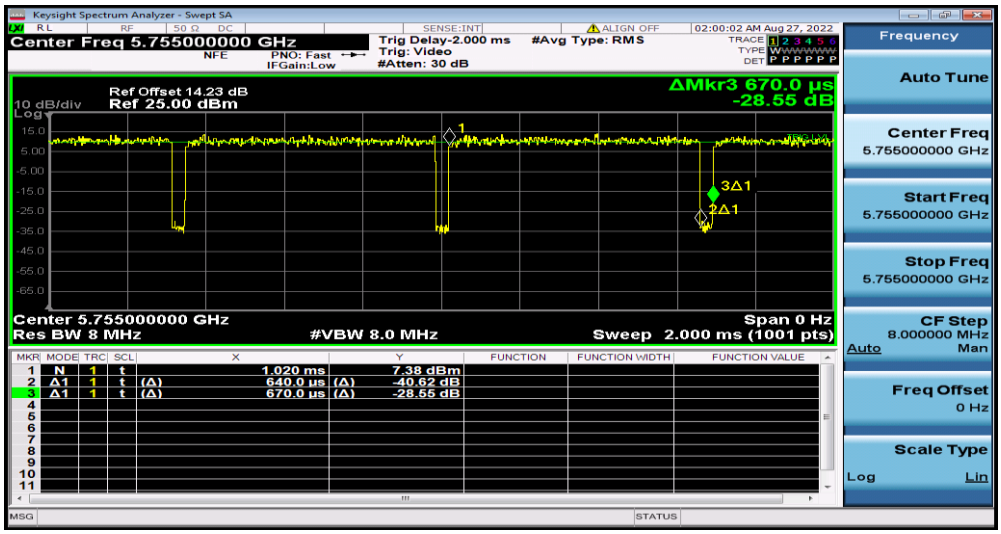

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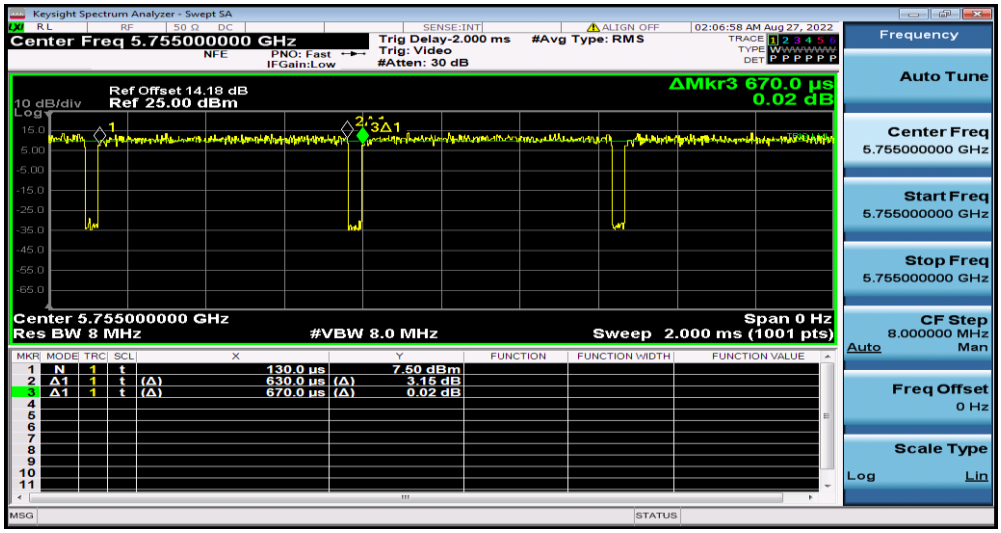

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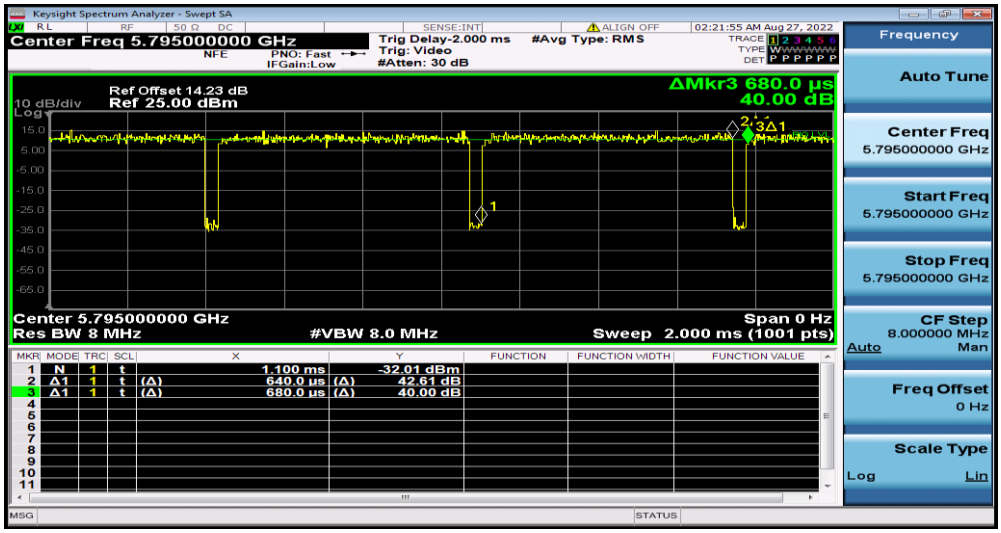

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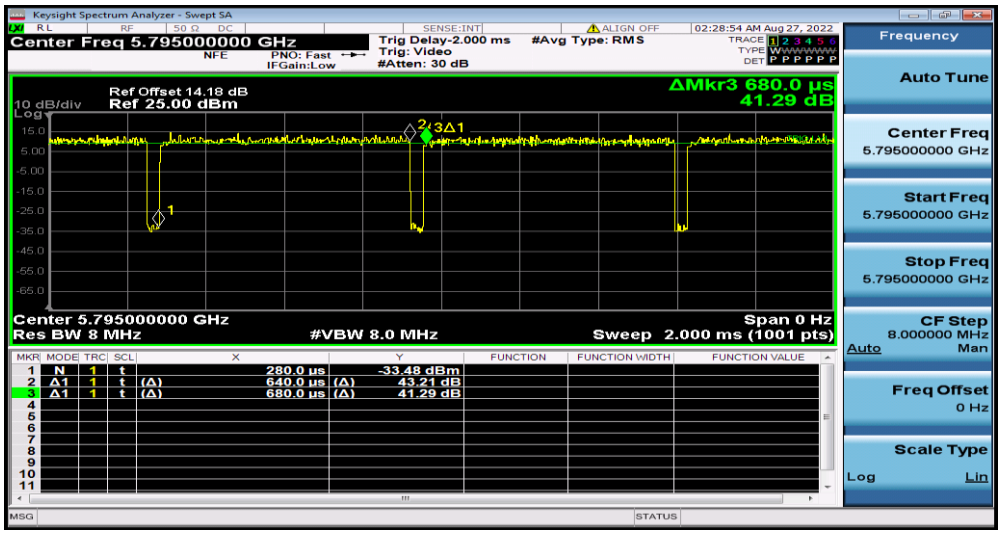


11N40MIMO_Ant2_5795

Appendix A: Maximum conducted output power

Test Result Channel Power

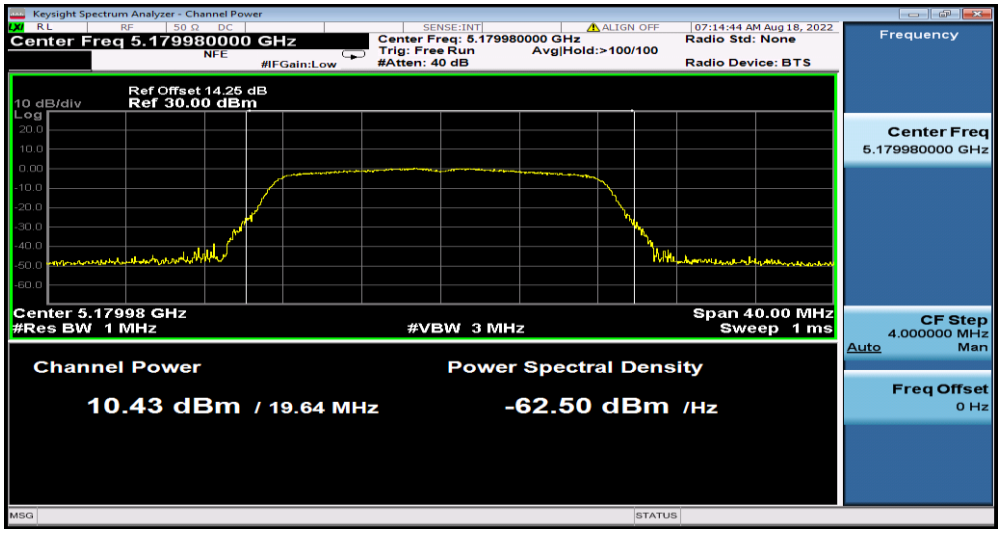
Test Mode	Antenna	Frequency [MHz]	Channel Powert [dBm]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Gain [dBi]	EIRP [dBm]	IC EIRP Limit [dBm]	Verdict
11A	Ant1	5180	10.34	0.09	10.43	≤23.98	1.84	12.27	≤22.00	PASS
	Ant2	5180	8.02	0.09	8.11	≤23.98	1.96	10.07	≤22.00	PASS
	Ant1	5200	9.75	0.09	9.84	≤23.98	1.84	11.68	≤22.00	PASS
	Ant2	5200	7.27	0.12	7.39	≤23.98	1.96	9.35	≤22.00	PASS
	Ant1	5240	9.84	0.09	9.93	≤23.98	1.84	11.77	≤22.00	PASS
	Ant2	5240	8.06	0.12	8.18	≤23.98	1.96	10.14	≤22.00	PASS
	Ant1	5260	8.49	0.12	8.61	≤23.98	1.84	10.45	≤23.00	PASS
	Ant2	5260	7.30	0.12	7.42	≤23.98	1.96	9.38	≤23.00	PASS
	Ant1	5280	9.07	0.12	9.19	≤23.98	1.84	11.03	≤22.00	PASS
	Ant2	5280	7.57	0.09	7.66	≤23.98	1.96	9.62	≤23.00	PASS
	Ant1	5320	9.26	0.12	9.38	≤23.92	1.84	11.22	≤23.00	PASS
	Ant2	5320	8.64	0.09	8.73	≤23.98	1.96	10.69	≤23.00	PASS
	Ant1	5500	10.32	0.12	10.44	≤23.98	1.84	12.28	≤23.00	PASS
	Ant2	5500	12.95	0.09	13.04	≤23.98	1.96	15.00	≤23.00	PASS
	Ant1	5580	11.35	0.12	11.47	≤23.98	1.84	13.31	≤23.00	PASS
	Ant2	5580	13.97	0.09	14.06	≤23.98	1.96	16.02	≤23.00	PASS
	Ant1	5700	10.01	0.09	10.10	≤23.98	1.84	11.94	≤23.00	PASS
	Ant2	5700	10.89	0.09	10.98	≤23.98	1.96	12.94	≤23.00	PASS
	Ant1	5745	9.69	0.09	9.78	≤30.00	1.84	11.62	≤30.00	PASS
	Ant2	5745	10.47	0.09	10.56	≤30.00	1.96	12.52	≤30.00	PASS
	Ant1	5785	10.59	0.12	10.71	≤30.00	1.84	12.55	≤30.00	PASS
	Ant2	5785	10.11	0.12	10.23	≤30.00	1.96	12.19	≤30.00	PASS
	Ant1	5825	10.07	0.09	10.16	≤30.00	1.84	12.00	≤30.00	PASS
	Ant2	5825	9.64	0.09	9.73	≤30.00	1.96	11.69	≤30.00	PASS
11N20MIMO	Ant1	5180	10.35	0.10	10.45	≤23.98	1.84	12.29	≤22.00	PASS
	Ant2	5180	8.50	0.13	8.63	≤23.98	1.96	10.59	≤22.00	PASS
	total	5180	---	---	12.64	≤23.98	1.96	14.60	≤22.00	PASS
	Ant1	5200	9.94	0.10	10.04	≤23.98	1.84	11.88	≤22.00	PASS
	Ant2	5200	7.84	0.13	7.97	≤23.98	1.96	9.93	≤22.00	PASS
	total	5200	---	---	12.14	≤23.98	1.96	14.10	≤22.00	PASS
	Ant1	5240	10.05	0.13	10.18	≤23.98	1.84	12.02	≤22.00	PASS
	Ant2	5240	8.63	0.10	8.73	≤23.98	1.96	10.69	≤22.00	PASS
	total	5240	---	---	12.53	≤23.98	1.96	14.49	≤22.00	PASS
	Ant1	5260	9.21	0.10	9.31	≤23.98	1.84	11.15	≤23.00	PASS
	Ant2	5260	8.01	0.13	8.14	≤23.98	1.96	10.10	≤23.00	PASS
	total	5260	---	---	11.77	≤23.98	1.96	13.73	≤23.00	PASS

	Ant1	5280	9.67	0.13	9.80	≤23.98	1.84	11.64	≤23.00	PASS
	Ant2	5280	8.15	0.13	8.28	≤23.98	1.96	10.24	≤23.00	PASS
	total	5280	---	---	12.12	≤23.98	1.96	14.08	≤23.00	PASS
	Ant1	5320	10.35	0.10	10.45	≤23.98	1.84	12.29	≤23.00	PASS
	Ant2	5320	9.29	0.13	9.42	≤23.98	1.96	11.38	≤23.00	PASS
	total	5320	---	---	12.98	≤23.98	1.96	14.96	≤23.00	PASS
	Ant1	5500	9.06	0.10	9.16	≤23.98	1.84	11.00	≤23.00	PASS
	Ant2	5500	11.64	0.19	11.83	≤23.98	1.96	13.79	≤23.00	PASS
	total	5500	---	---	13.71	≤23.98	1.96	15.67	≤23.00	PASS
	Ant1	5580	9.91	0.10	10.01	≤23.98	1.84	11.85	≤23.00	PASS
	Ant2	5580	12.73	0.13	12.86	≤23.98	1.96	14.82	≤23.00	PASS
	total	5580	---	---	14.68	≤23.98	1.96	16.64	≤23.00	PASS
	Ant1	5700	9.23	0.13	9.36	≤23.98	1.84	11.20	≤23.00	PASS
	Ant2	5700	10.75	0.10	10.85	≤23.98	1.96	12.81	≤23.00	PASS
	total	5700	---	---	13.18	≤23.98	1.96	15.14	≤23.00	PASS
	Ant1	5745	10.15	0.13	10.28	≤30.00	1.84	12.12	≤30.00	PASS
	Ant2	5745	11.12	0.10	11.22	≤30.00	1.96	13.18	≤30.00	PASS
	total	5745	---	---	13.79	≤30.00	1.96	15.75	≤30.00	PASS
	Ant1	5785	11.05	0.13	11.18	≤30.00	1.84	13.02	≤30.00	PASS
	Ant2	5785	10.70	0.10	10.80	≤30.00	1.96	12.76	≤30.00	PASS
	total	5785	---	---	14.00	≤30.00	1.96	15.96	≤30.00	PASS
	Ant1	5825	10.54	0.13	10.67	≤30.00	1.84	12.51	≤30.00	PASS
	Ant2	5825	10.25	0.10	10.35	≤30.00	1.96	12.31	≤30.00	PASS
	total	5825	---	---	13.52	≤30.00	1.96	15.48	≤30.00	PASS
11N40MIMO	Ant1	5190	9.98	0.26	10.24	≤23.98	1.84	12.08	≤23.00	PASS
	Ant2	5190	8.22	0.26	8.48	≤23.98	1.96	10.44	≤23.00	PASS
	total	5190	---	---	12.46	≤23.98	1.96	14.42	≤23.00	PASS
	Ant1	5230	9.91	0.20	10.11	≤23.98	1.84	11.95	≤23.00	PASS
	Ant2	5230	8.57	0.20	8.77	≤23.98	1.96	10.73	≤23.00	PASS
	total	5230	---	---	12.50	≤23.98	1.96	14.46	≤23.00	PASS
	Ant1	5270	6.57	0.26	6.83	≤23.98	1.84	8.67	≤23.00	PASS
	Ant2	5270	5.08	0.26	5.34	≤23.98	1.96	7.30	≤23.00	PASS
	total	5270	---	---	9.16	≤23.98	1.96	11.12	≤23.00	PASS
	Ant1	5310	9.41	0.26	9.67	≤23.98	1.84	11.51	≤24.00	PASS
	Ant2	5310	9.04	0.20	9.24	≤23.98	1.96	11.20	≤24.00	PASS
	total	5310	---	---	12.47	≤23.98	1.96	14.43	≤24.00	PASS
	Ant1	5510	7.34	0.20	7.54	≤23.98	1.84	9.38	≤24.00	PASS
	Ant2	5510	10.66	0.20	10.86	≤23.98	1.96	12.82	≤24.00	PASS
	total	5510	---	---	12.52	≤23.98	1.96	14.48	≤24.00	PASS
	Ant1	5550	8.08	0.20	8.28	≤23.98	1.84	10.12	≤24.00	PASS
	Ant2	5550	11.36	0.26	11.62	≤23.98	1.96	13.58	≤24.00	PASS
	total	5550	---	---	13.27	≤23.98	1.96	15.23	≤24.00	PASS
	Ant1	5670	7.92	0.27	8.19	≤23.98	1.84	10.03	≤26.99	PASS

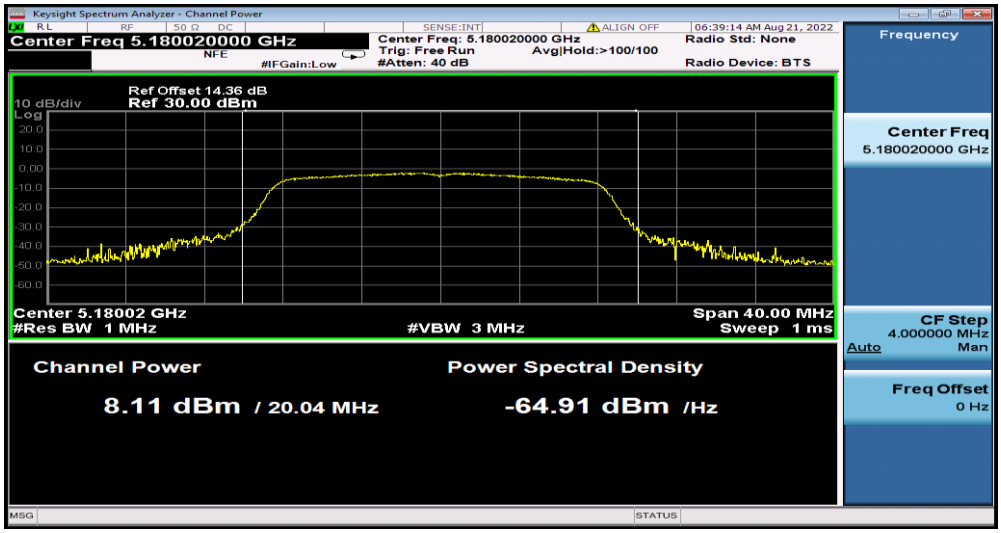
	Ant2	5670	10.43	0.26	10.69	≤23.98	1.96	12.65	≤26.99	PASS
	total	5670	---	---	12.63	≤23.98	1.96	14.59	≤26.99	PASS
	Ant1	5755	10.92	0.20	11.12	≤30.00	1.84	12.96	≤30.00	PASS
	Ant2	5755	11.29	0.27	11.56	≤30.00	1.96	13.52	≤30.00	PASS
	total	5755	---	---	14.36	≤30.00	1.96	16.32	≤30.00	PASS
	Ant1	5795	11.26	0.26	11.52	≤30.00	1.84	13.36	≤30.00	PASS
	Ant2	5795	10.66	0.26	10.92	≤30.00	1.96	12.88	≤30.00	PASS
	total	5795	---	---	14.24	≤30.00	1.96	16.20	≤30.00	PASS

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

Test Graphs Channel Power



11A_Ant1_5180



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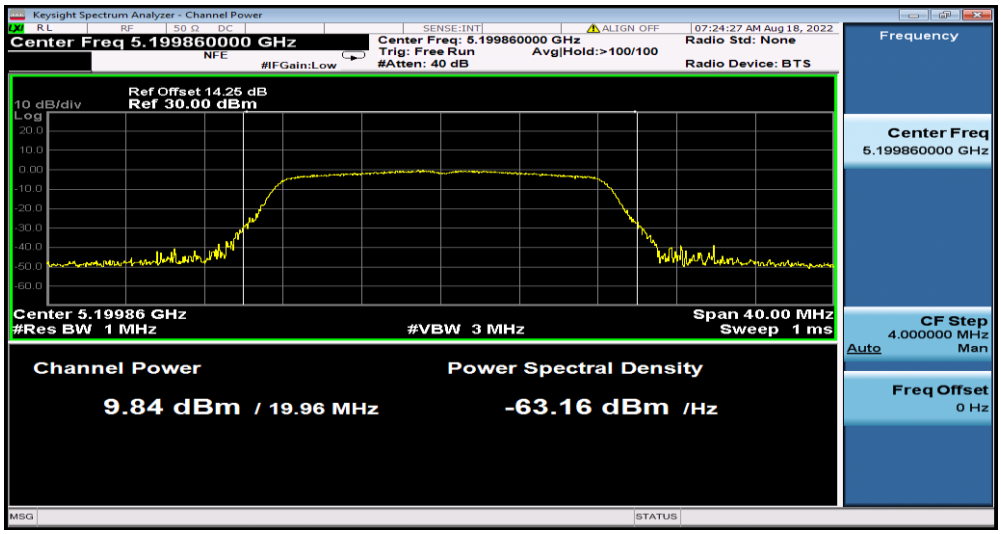

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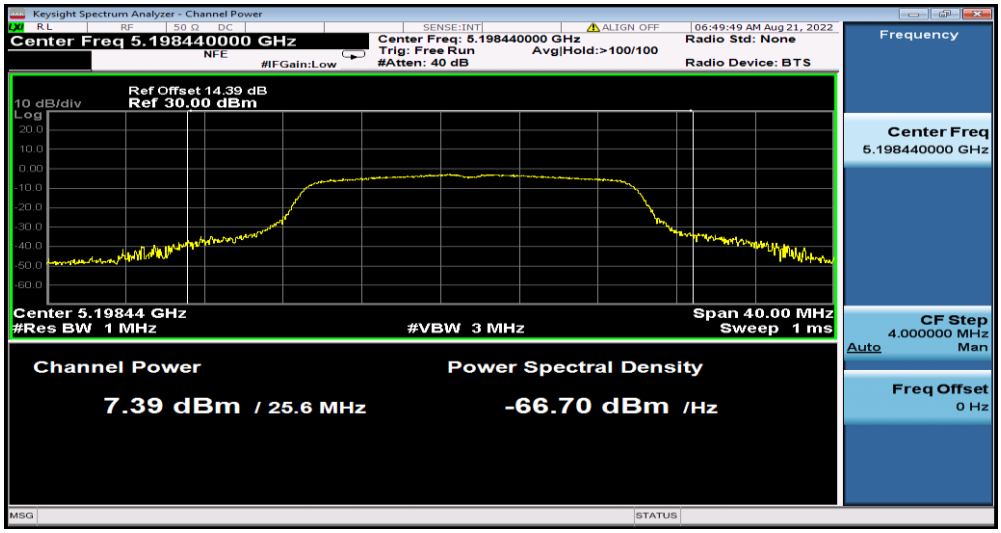

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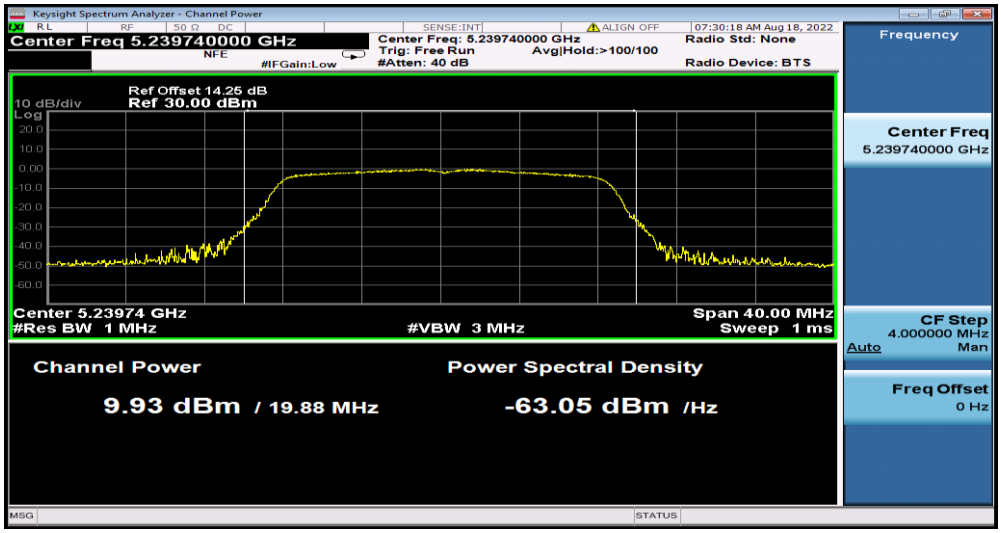

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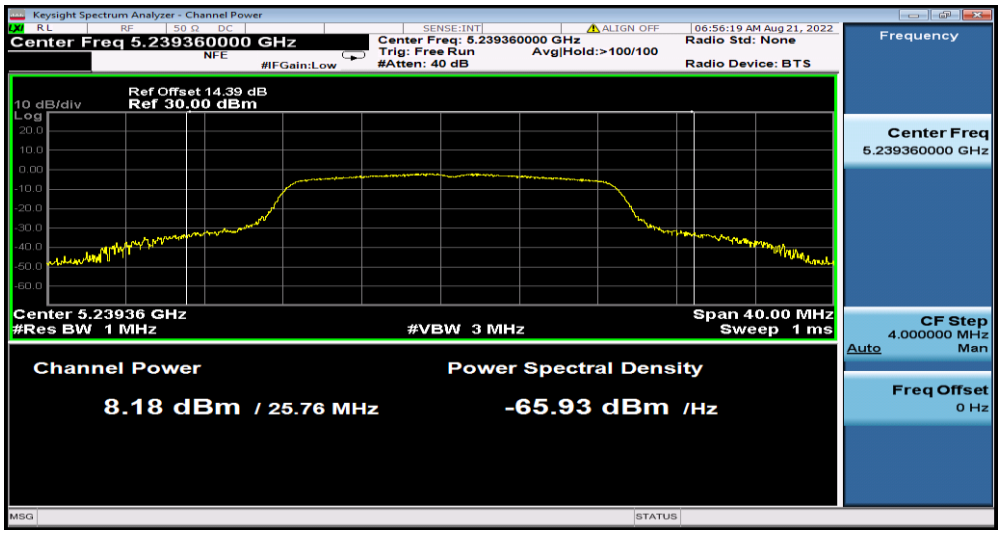

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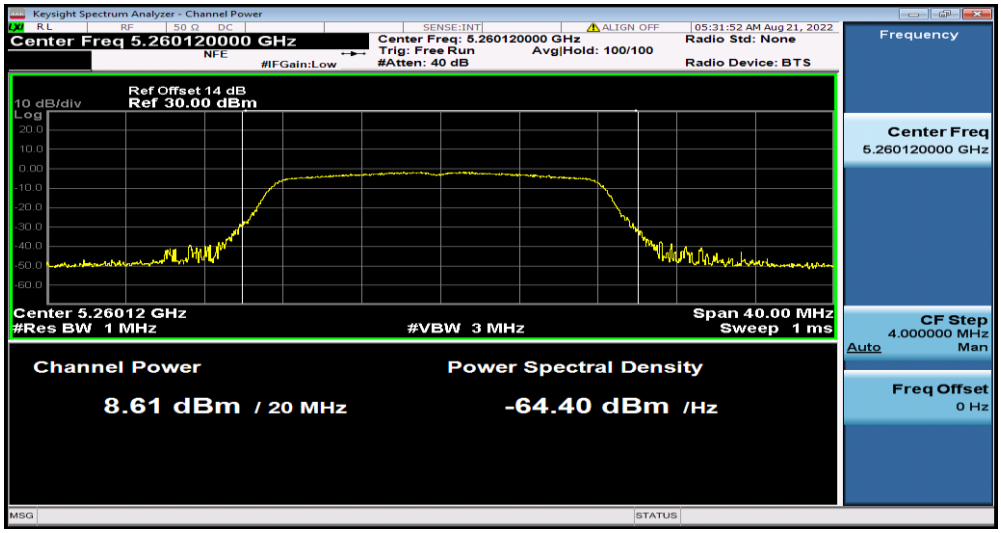

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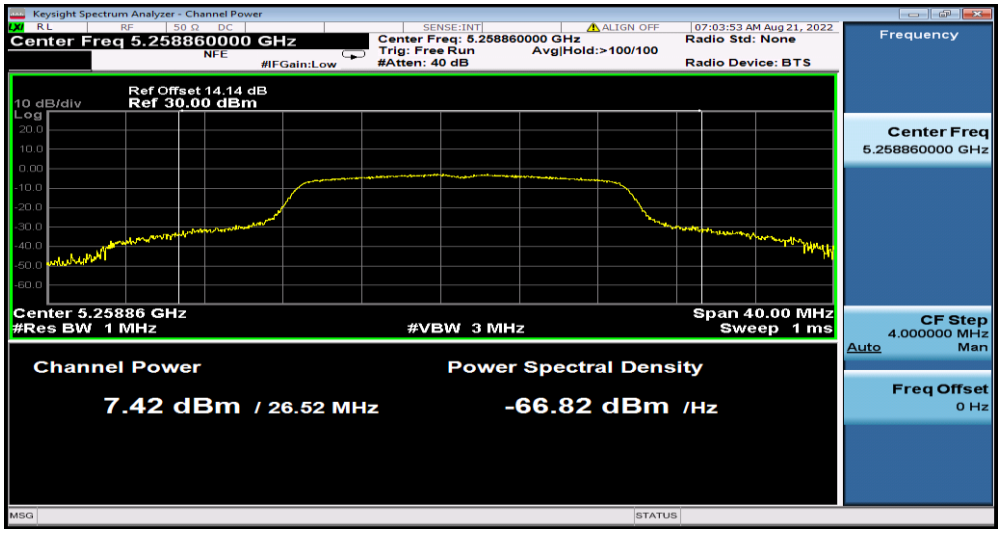

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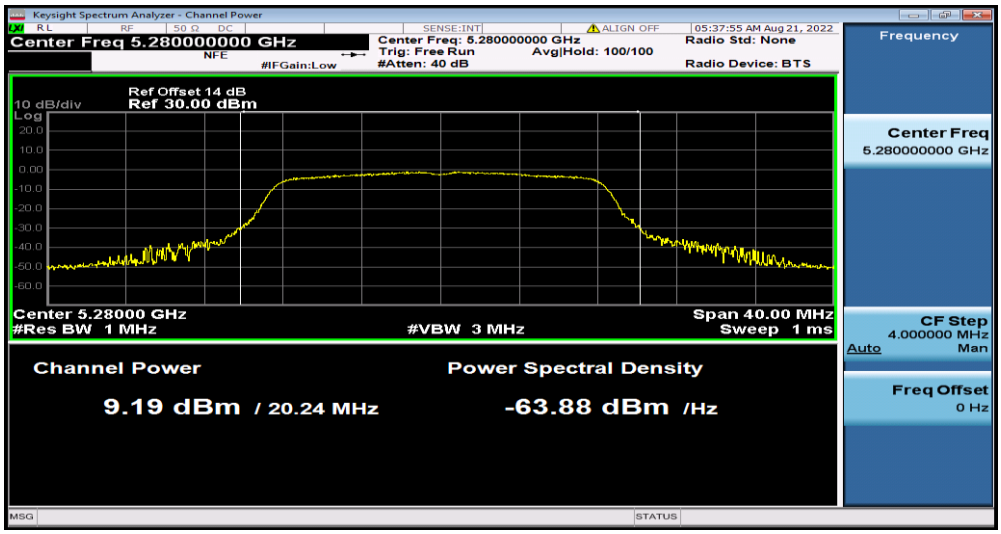

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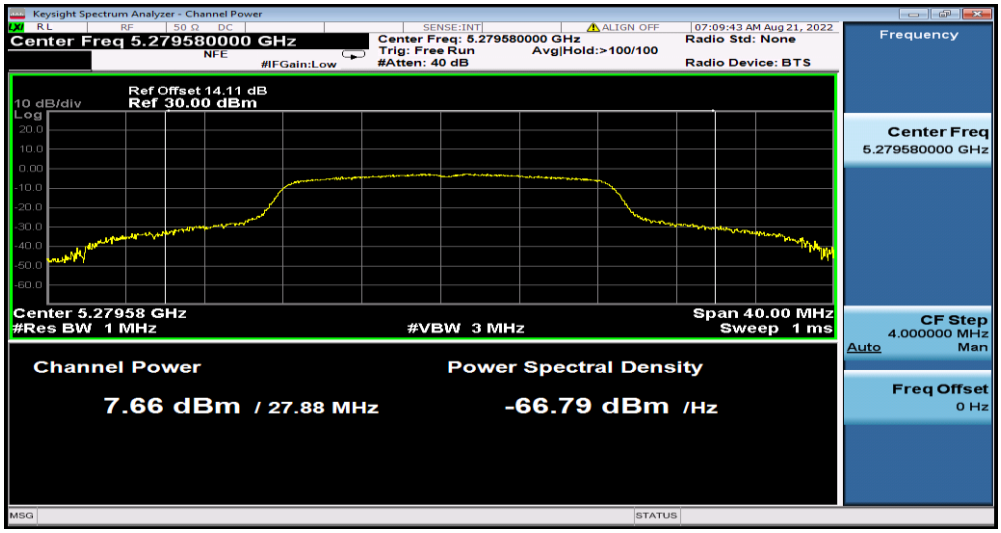

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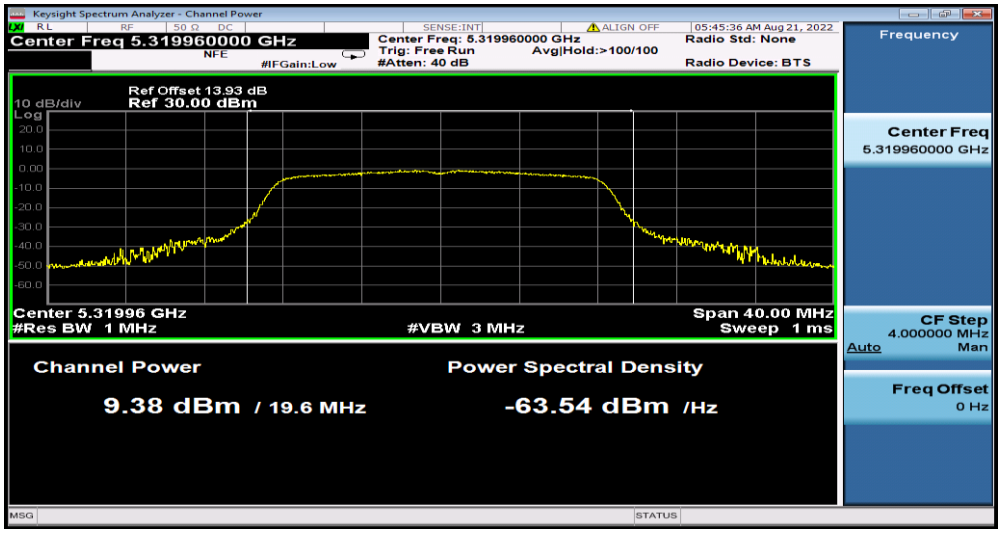

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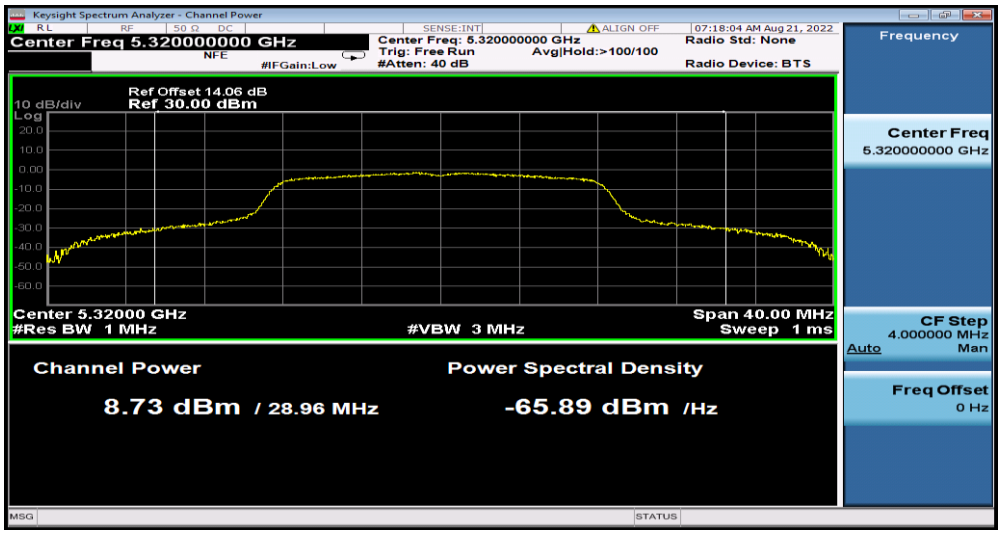

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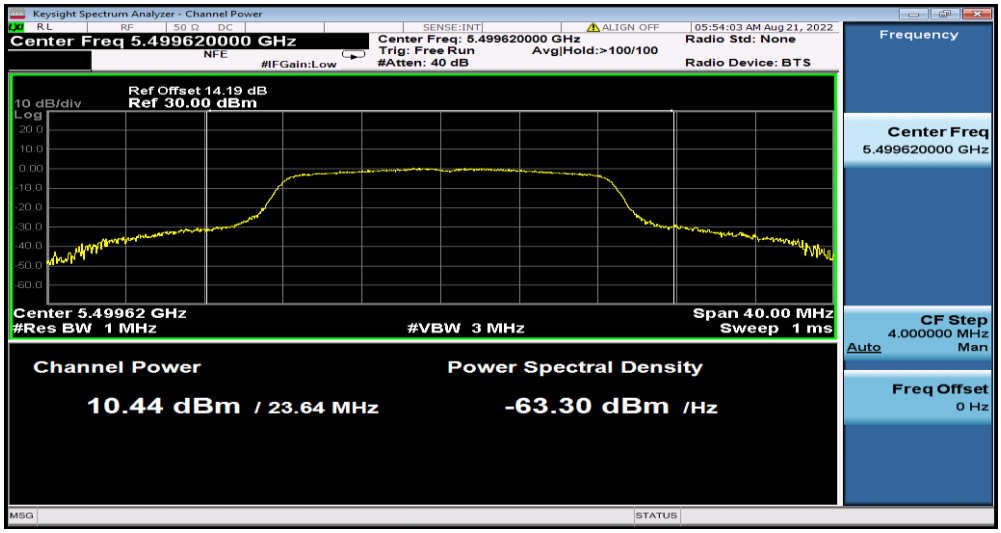

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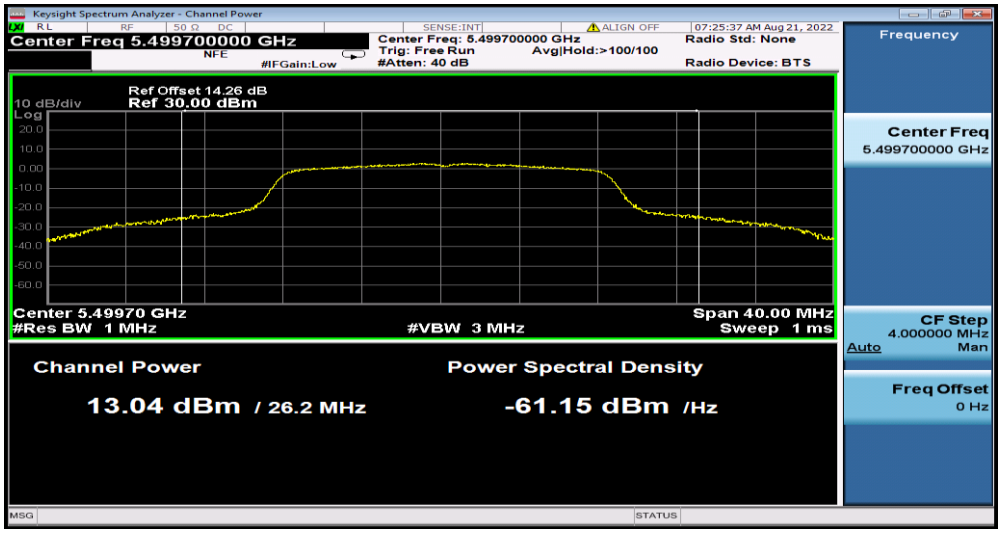

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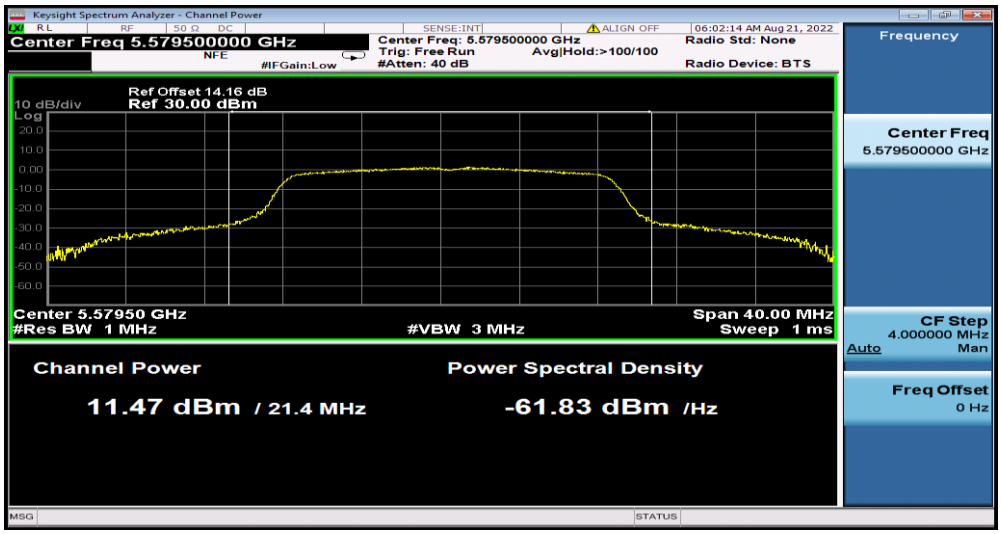

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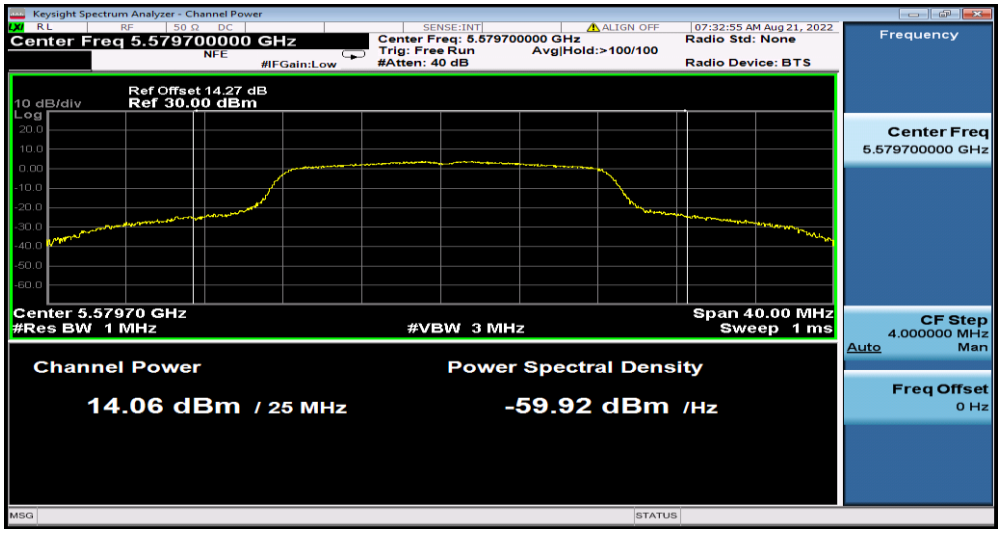

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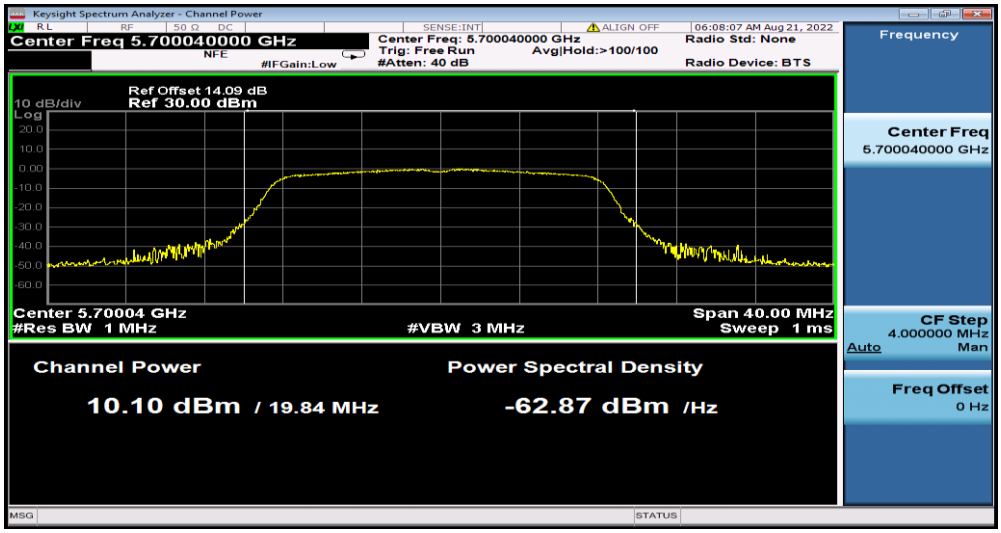

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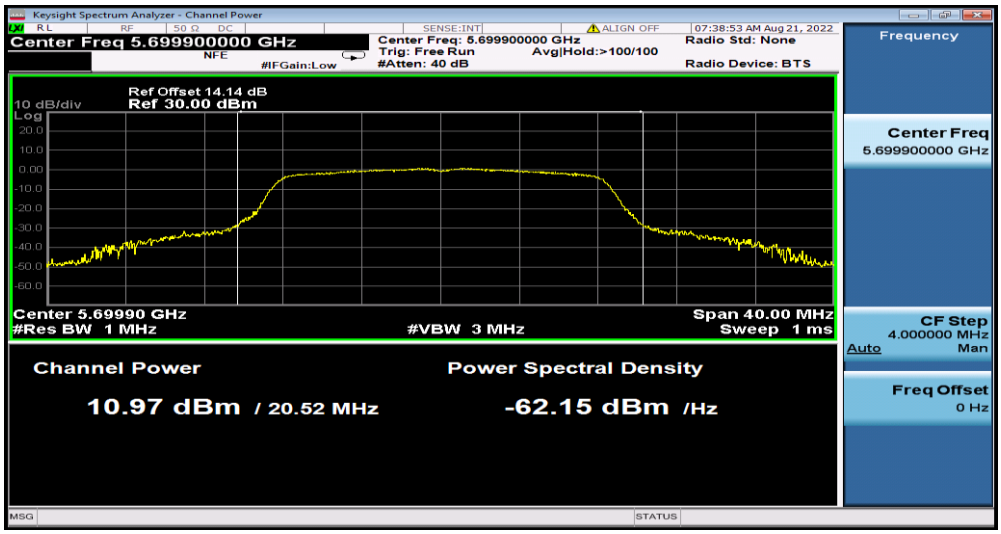

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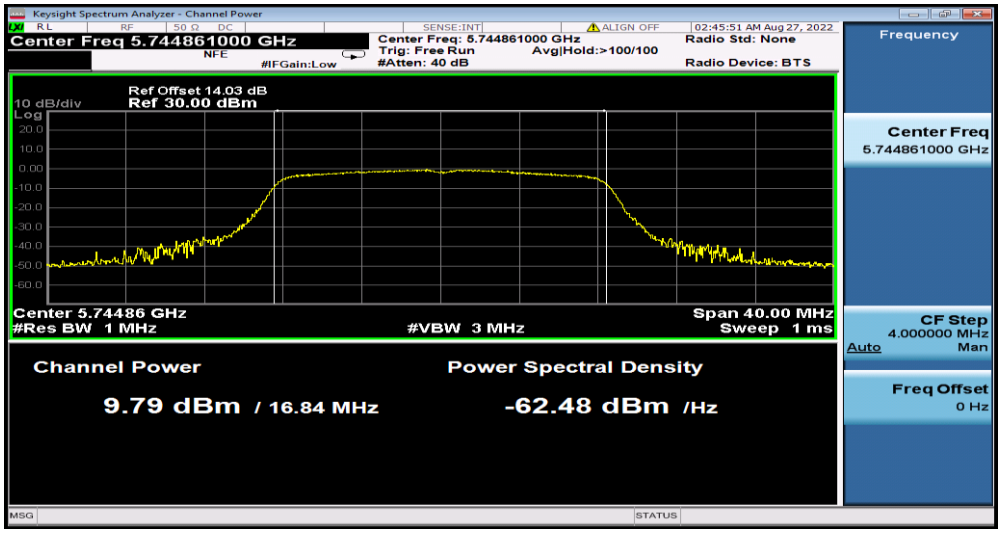

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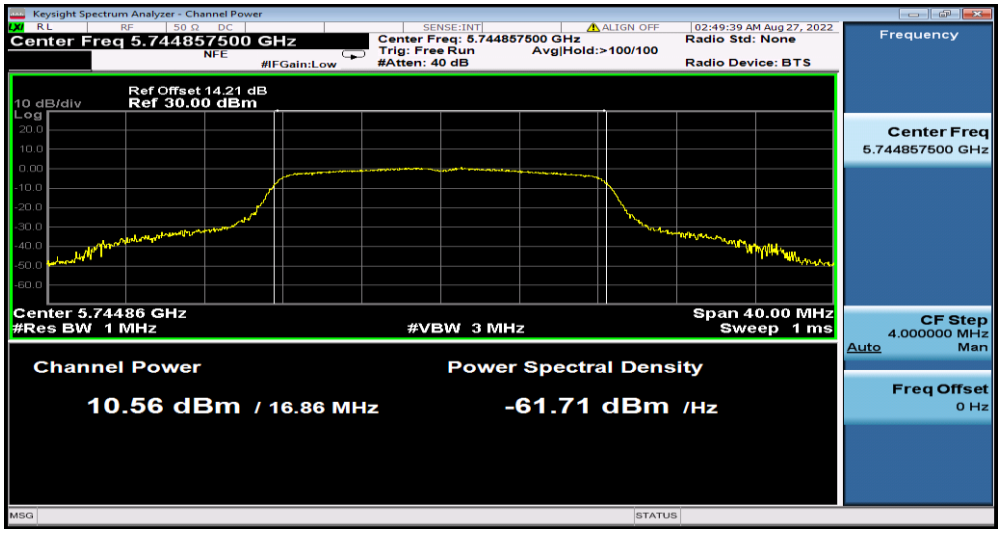

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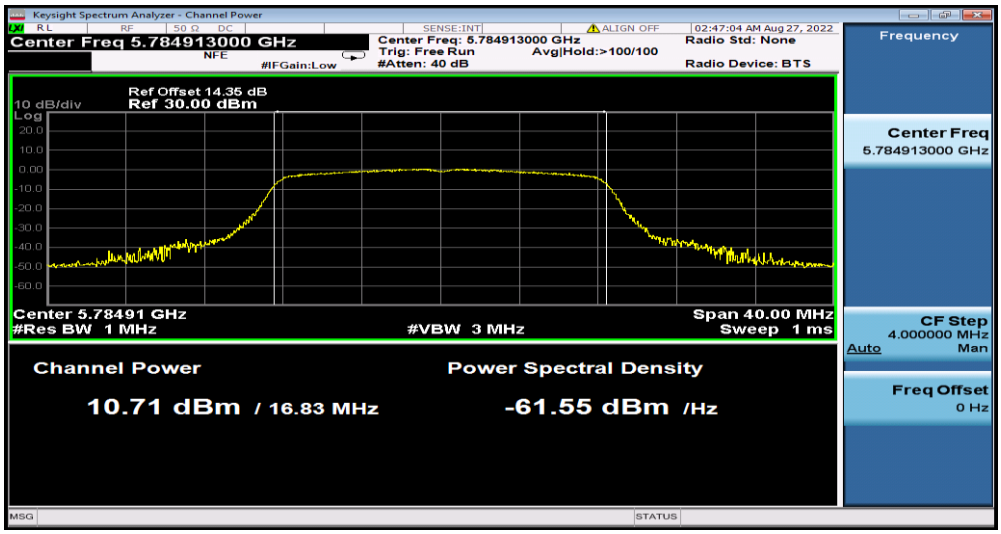

11A_Ant1_5785