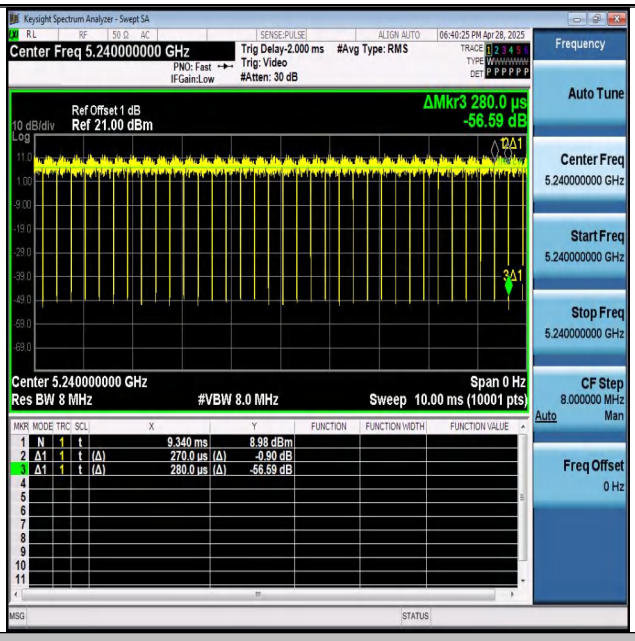
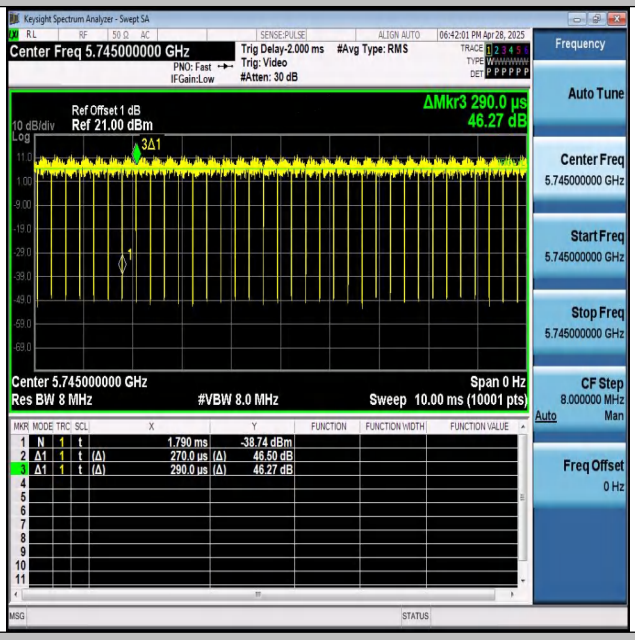
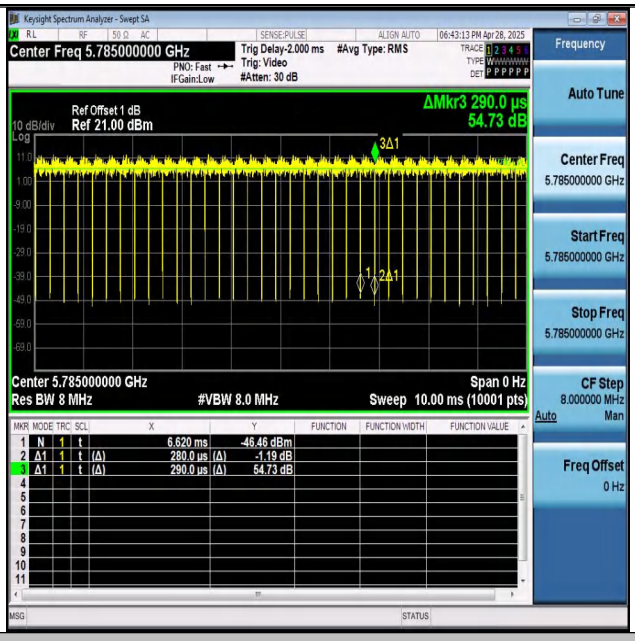


NTNV-11AX20SISO-Ant1-5240



NTNV-11AX20SISO-Ant1-5745



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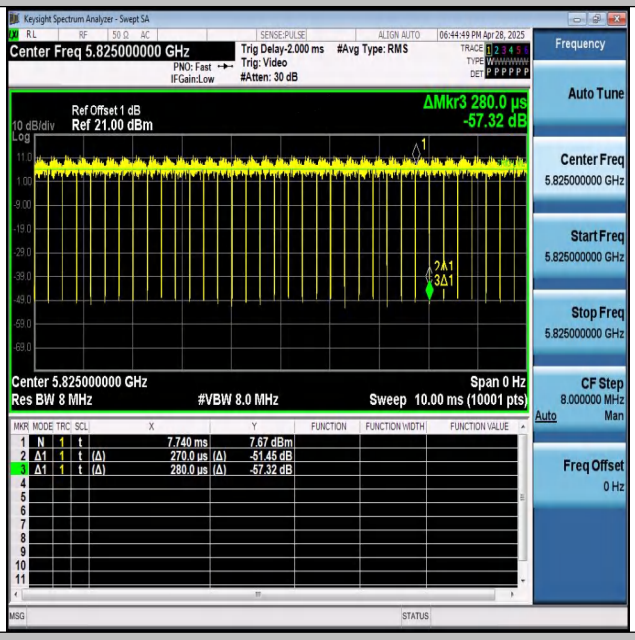

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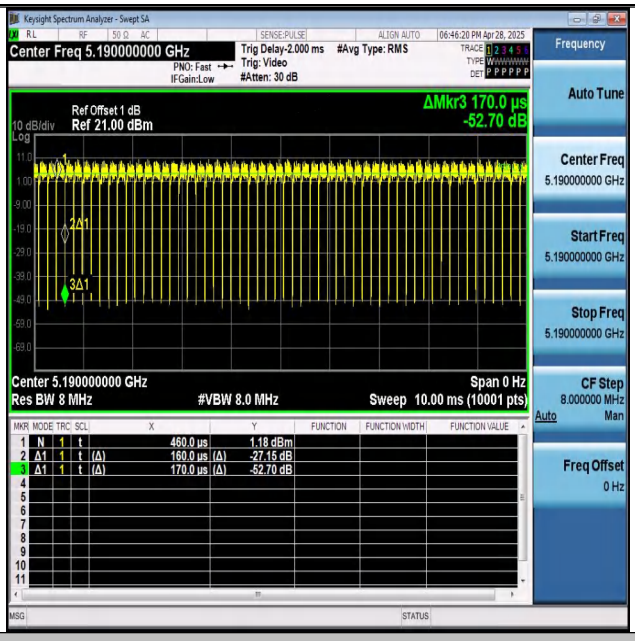

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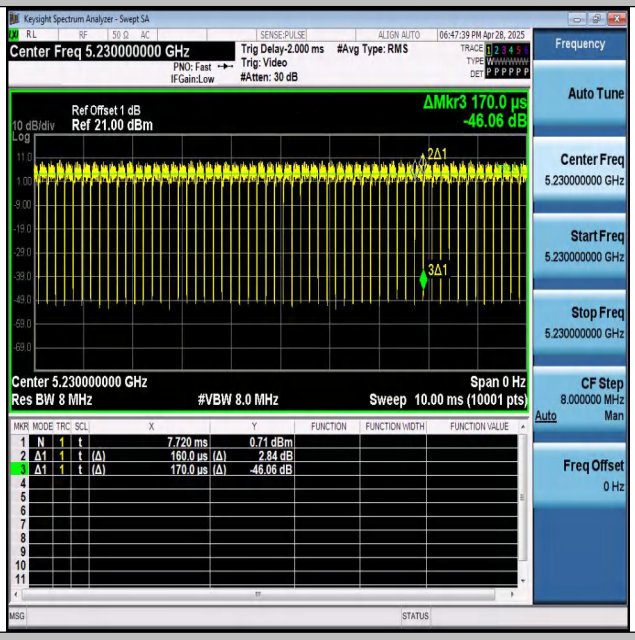

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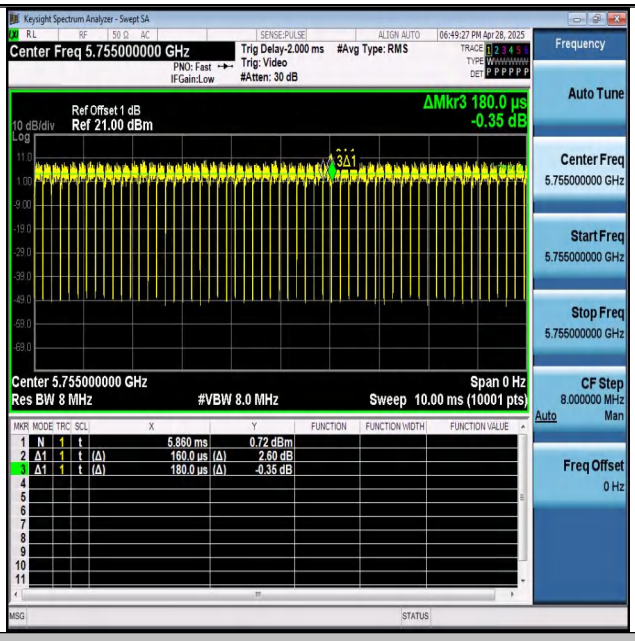

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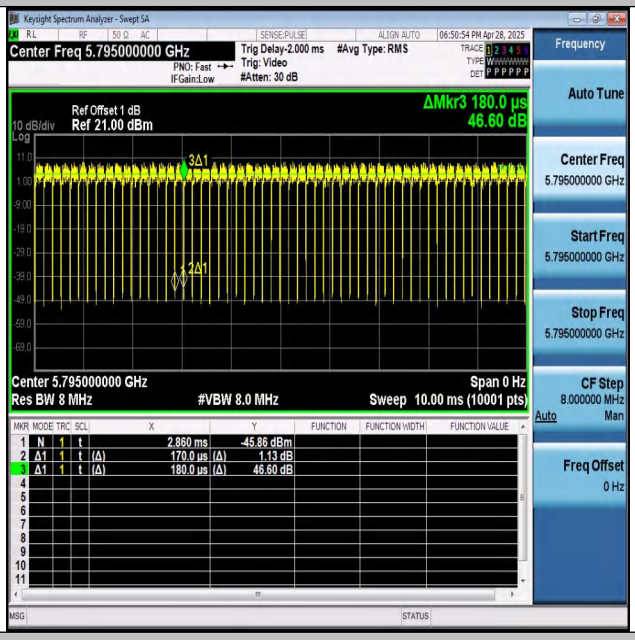


NTNV-11AX40SISO-Ant1-5795

Appendix C: Maximum Conducted Output Power

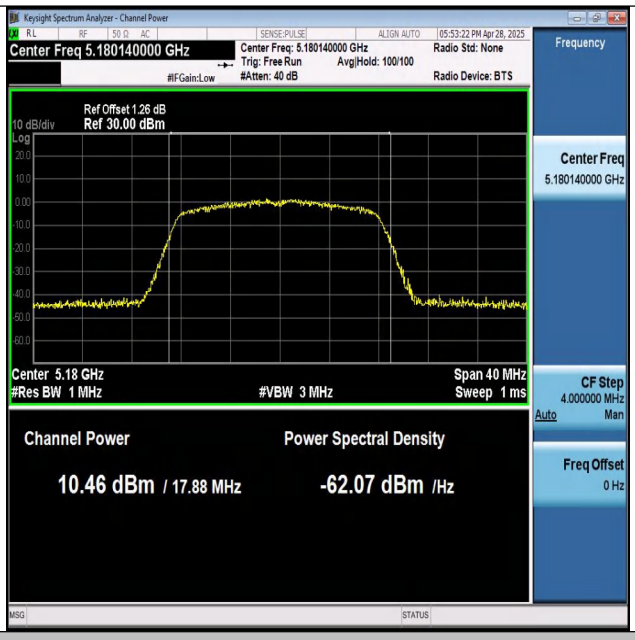
Test Result Channel Power

Test Mode	Antenna	Frequency[MHz]	Set Power	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dB]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	---	10.20	94.29	0.26	10.46	≤23.98	PASS
11A	Ant1	5220	---	10.00	94.29	0.26	10.26	≤23.98	PASS
11A	Ant1	5240	---	9.85	97.06	0.13	9.98	≤23.98	PASS
11A	Ant1	5745	---	10.60	97.06	0.13	10.73	≤30.00	PASS
11A	Ant1	5785	---	10.06	94.29	0.26	10.32	≤30.00	PASS
11A	Ant1	5825	---	9.44	94.29	0.26	9.70	≤30.00	PASS
11N20SISO	Ant1	5180	---	9.94	97.06	0.13	10.07	≤23.98	PASS
11N20SISO	Ant1	5220	---	9.50	97.06	0.13	9.63	≤23.98	PASS
11N20SISO	Ant1	5240	---	9.65	96.97	0.13	9.78	≤23.98	PASS
11N20SISO	Ant1	5745	---	9.75	97.06	0.13	9.88	≤30.00	PASS
11N20SISO	Ant1	5785	---	9.64	96.97	0.13	9.77	≤30.00	PASS
11N20SISO	Ant1	5825	---	9.37	94.12	0.26	9.63	≤30.00	PASS
11N40SISO	Ant1	5190	---	9.94	94.74	0.23	10.17	≤23.98	PASS
11N40SISO	Ant1	5230	---	9.77	94.74	0.23	10.00	≤23.98	PASS
11N40SISO	Ant1	5755	---	9.99	89.47	0.48	10.47	≤30.00	PASS
11N40SISO	Ant1	5795	---	9.84	94.74	0.23	10.07	≤30.00	PASS
11AC20SISO	Ant1	5180	---	10.17	97.06	0.13	10.30	≤23.98	PASS
11AC20SISO	Ant1	5220	---	9.66	97.06	0.13	9.79	≤23.98	PASS
11AC20SISO	Ant1	5240	---	9.37	94.12	0.26	9.63	≤23.98	PASS
11AC20SISO	Ant1	5745	---	9.72	97.06	0.13	9.85	≤30.00	PASS

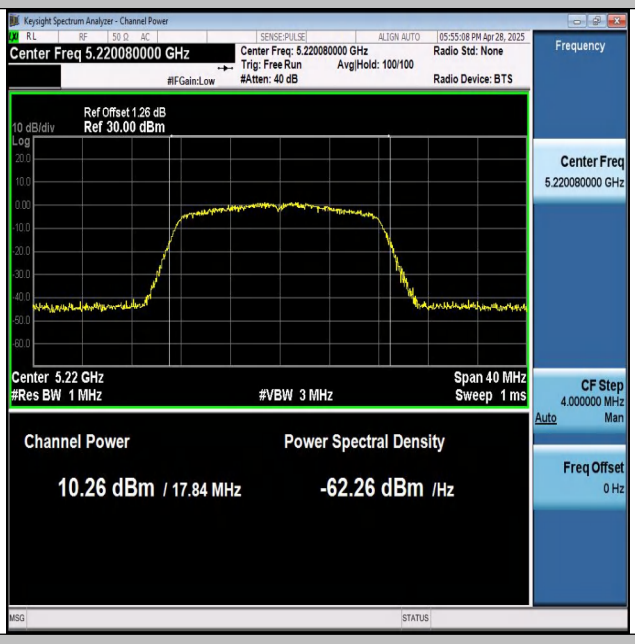
11AC20S ISO	Ant1	5785	---	9.75	97.06	0.13	9.88	≤30.00	PASS
11AC20S ISO	Ant1	5825	---	9.20	97.06	0.13	9.33	≤30.00	PASS
11AC40S ISO	Ant1	5190	---	9.98	94.74	0.23	10.21	≤23.98	PASS
11AC40S ISO	Ant1	5230	---	9.70	94.74	0.23	9.93	≤23.98	PASS
11AC40S ISO	Ant1	5755	---	9.84	94.74	0.23	10.07	≤30.00	PASS
11AC40S ISO	Ant1	5795	---	9.55	90.00	0.46	10.01	≤30.00	PASS
11AX20SI SO	Ant1	5180	---	10.54	96.55	0.15	10.69	≤23.98	PASS
11AX20SI SO	Ant1	5220	---	10.36	96.55	0.15	10.51	≤23.98	PASS
11AX20SI SO	Ant1	5240	---	10.42	96.43	0.16	10.58	≤23.98	PASS
11AX20SI SO	Ant1	5745	---	10.27	93.10	0.31	10.58	≤30.00	PASS
11AX20SI SO	Ant1	5785	---	10.46	96.55	0.15	10.61	≤30.00	PASS
11AX20SI SO	Ant1	5825	---	10.42	96.43	0.16	10.58	≤30.00	PASS
11AX40SI SO	Ant1	5190	---	10.96	94.12	0.26	**11.22**	≤23.98	PASS
11AX40SI SO	Ant1	5230	---	10.42	94.12	0.26	10.68	≤23.98	PASS
11AX40SI SO	Ant1	5755	---	10.52	88.89	0.51	11.03	≤30.00	PASS
11AX40SI SO	Ant1	5795	---	10.21	94.44	0.25	10.46	≤30.00	PASS

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

Test Graphs Channel Power



11A-Ant1-5180-PASS



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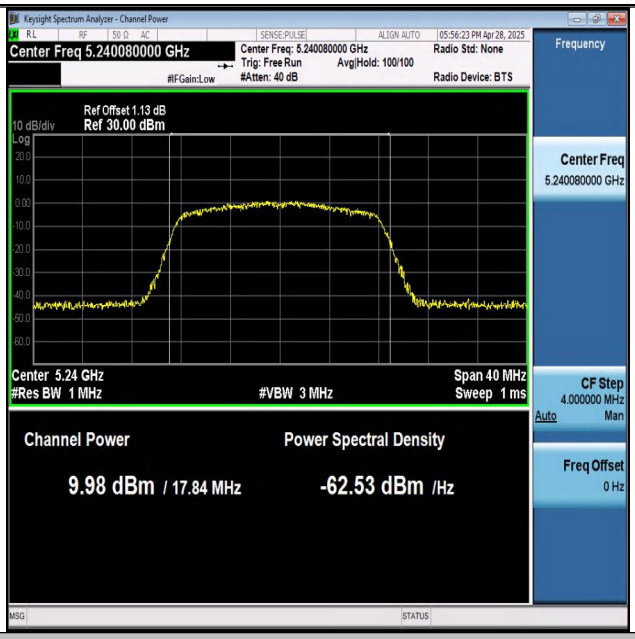

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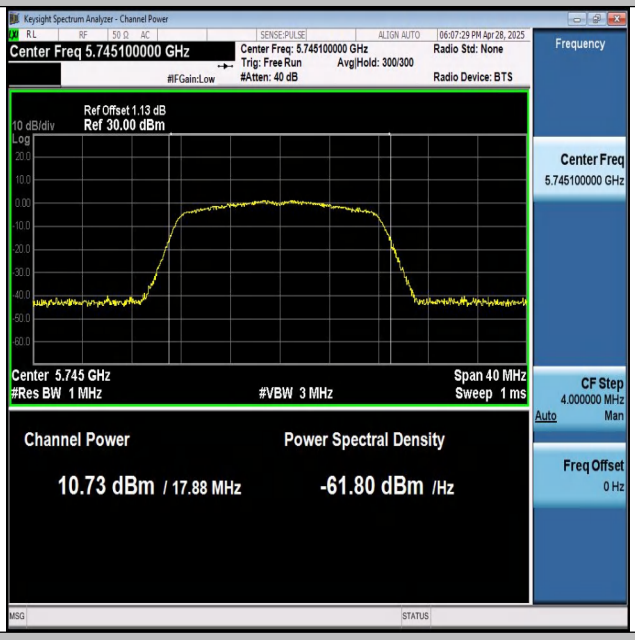

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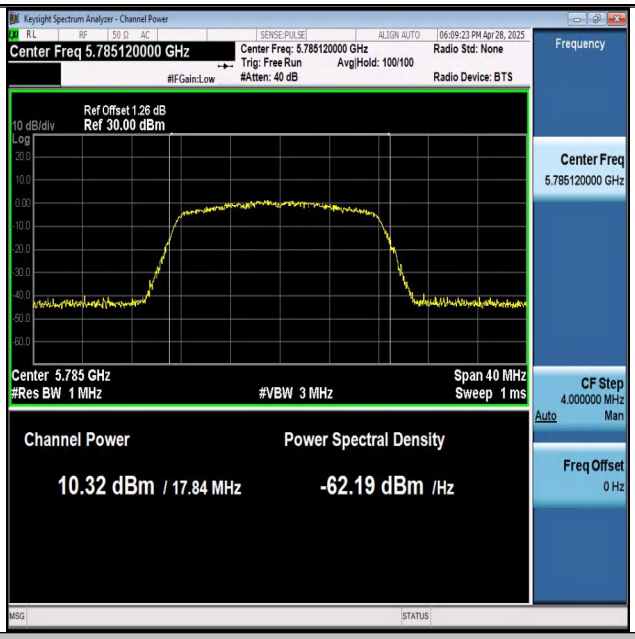

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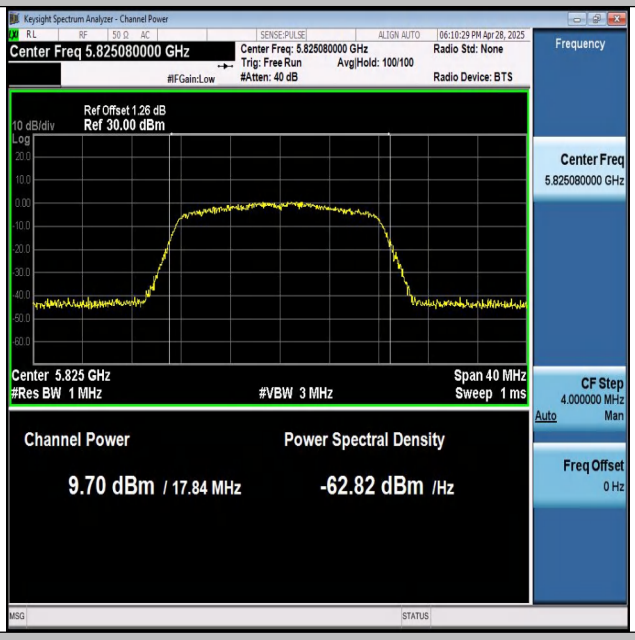

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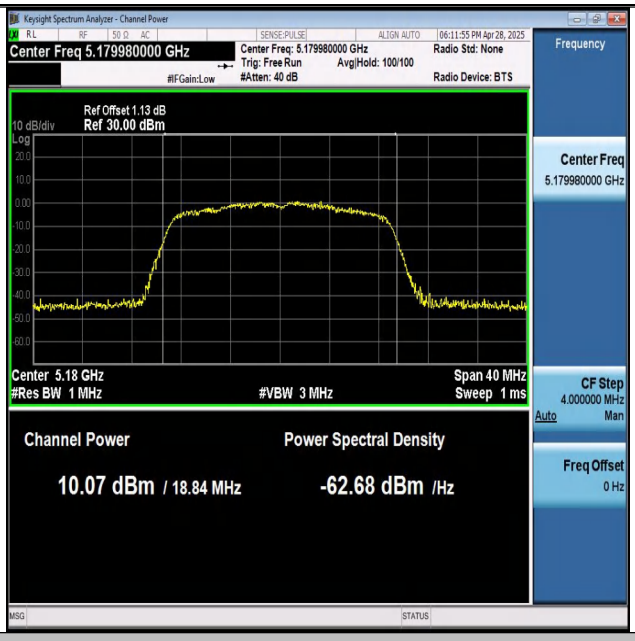

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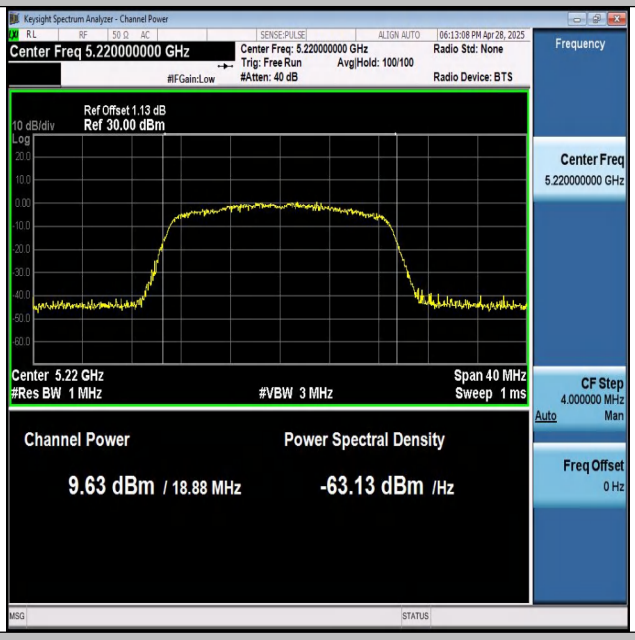

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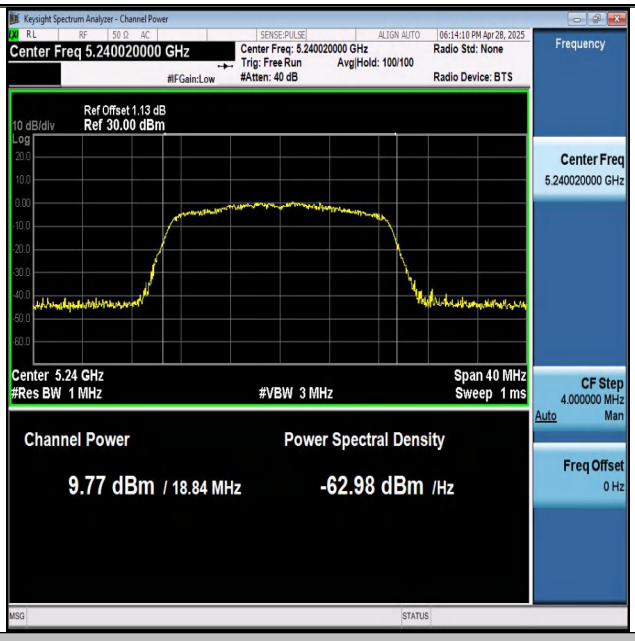

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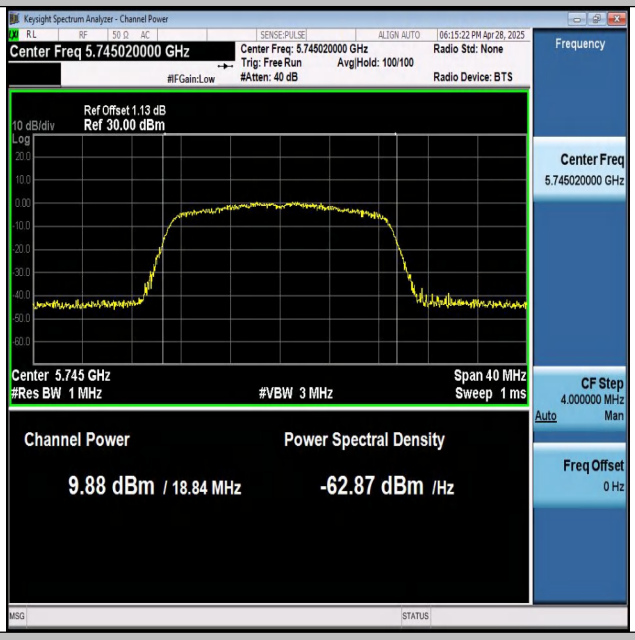

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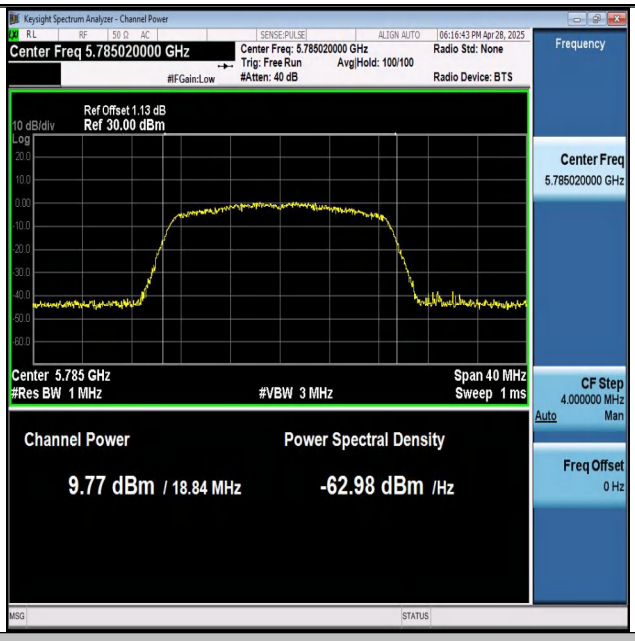

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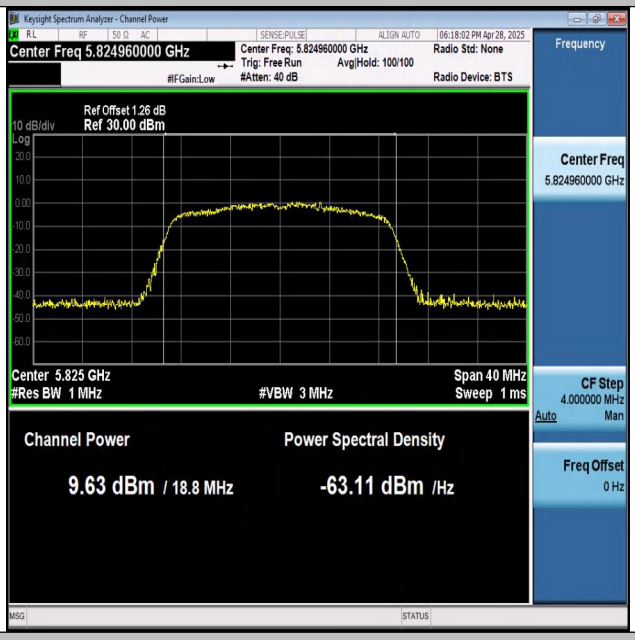

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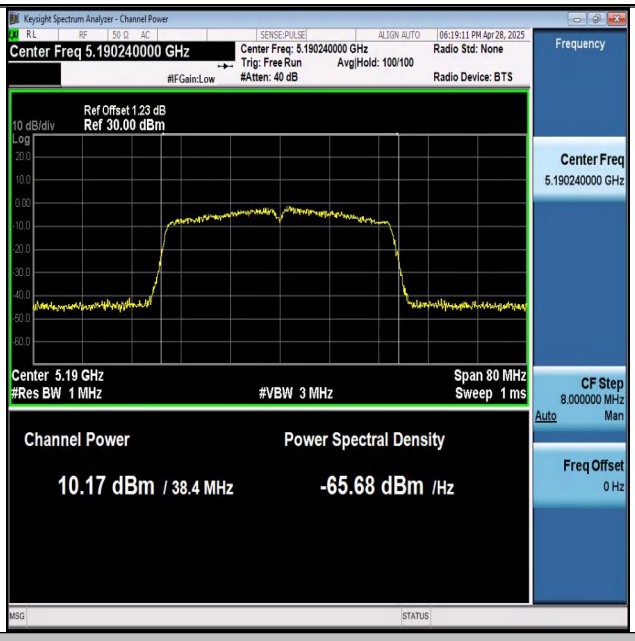

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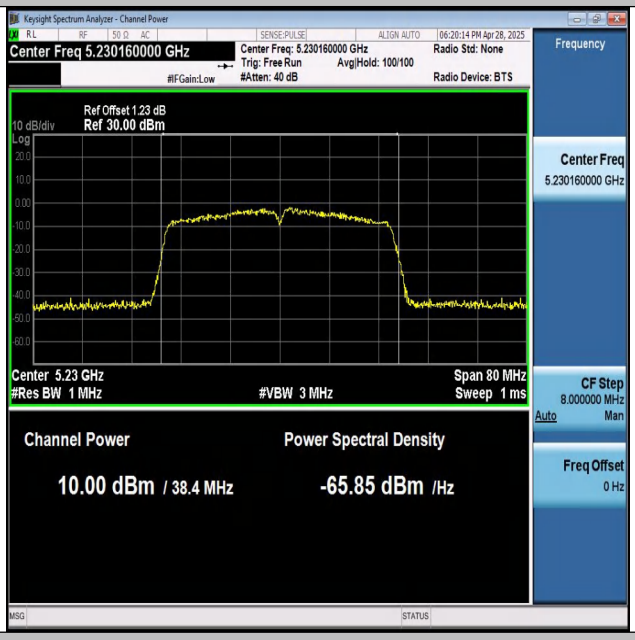

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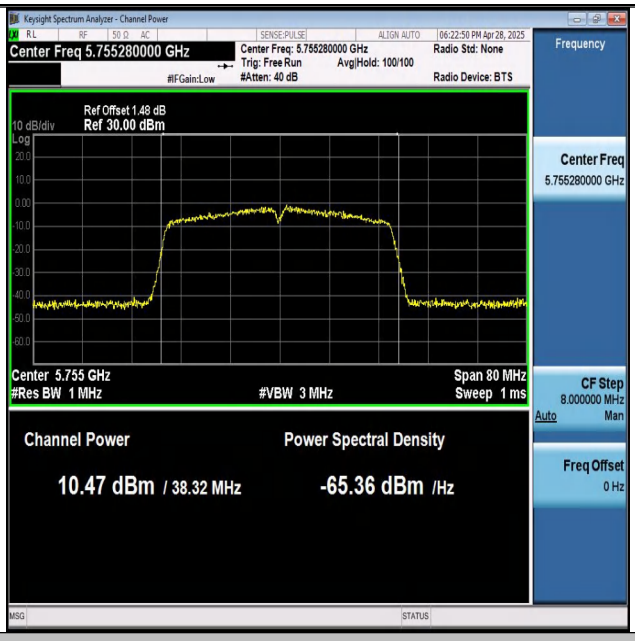

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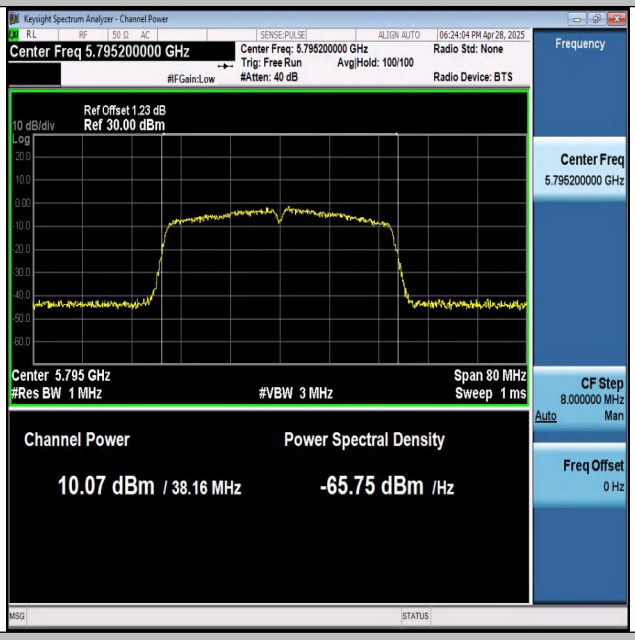

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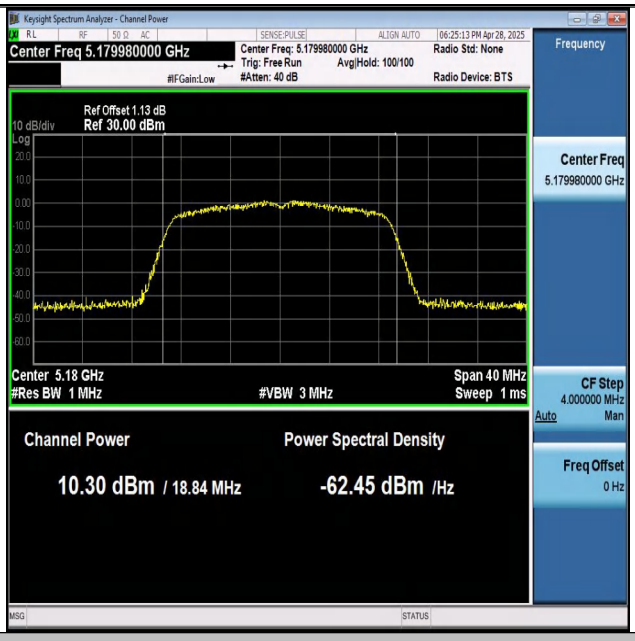

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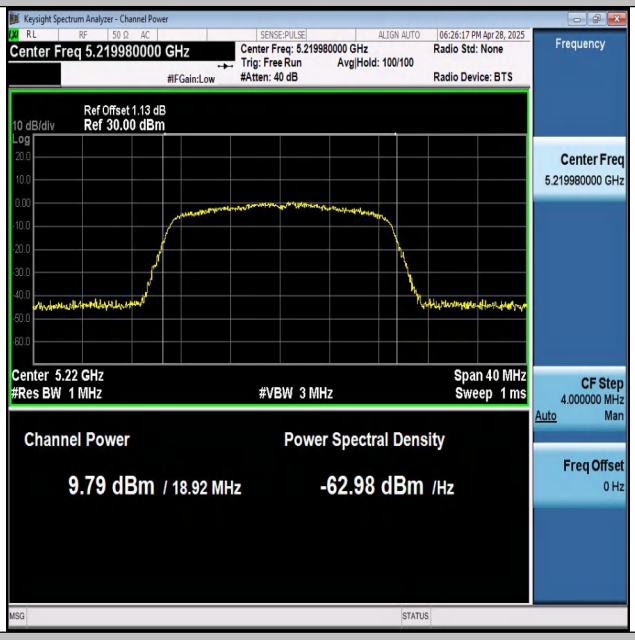

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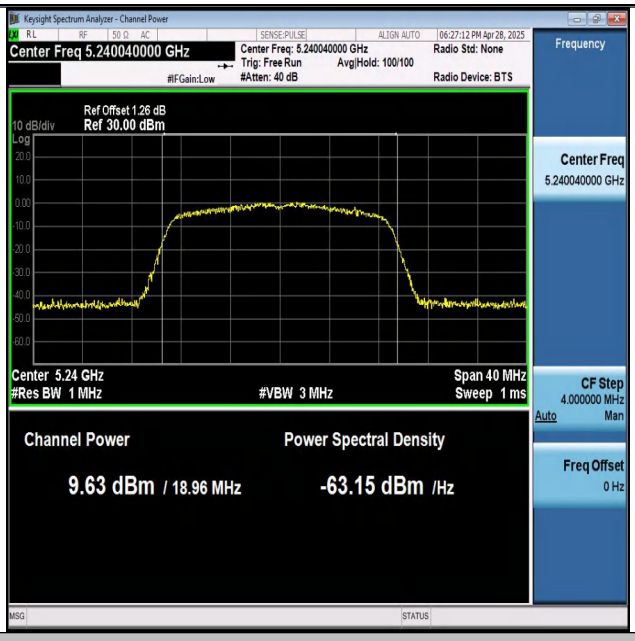

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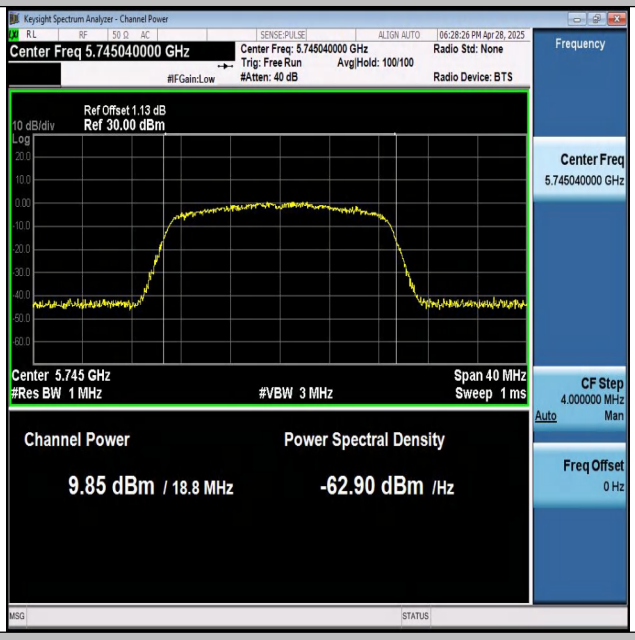

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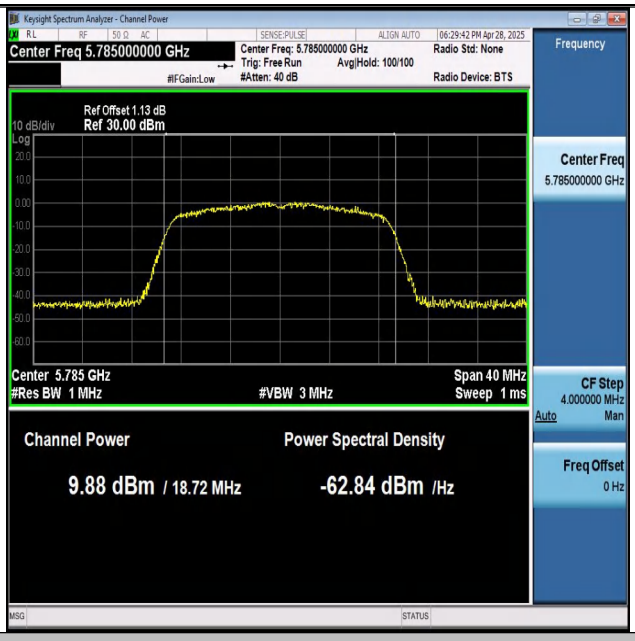

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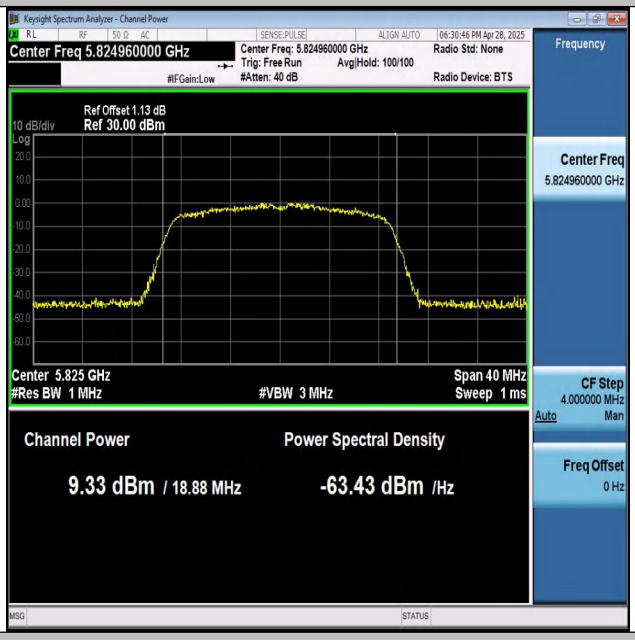

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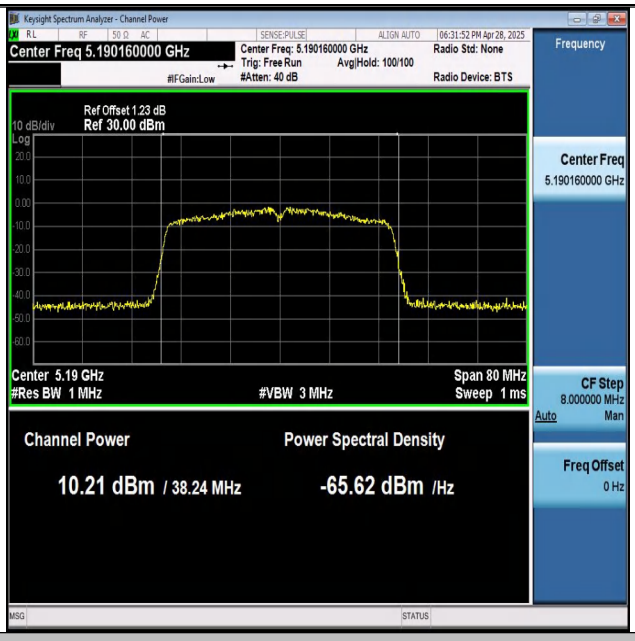

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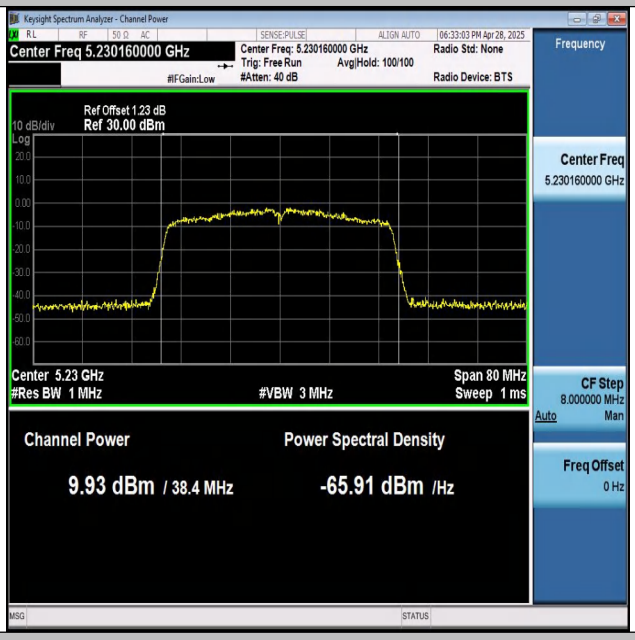

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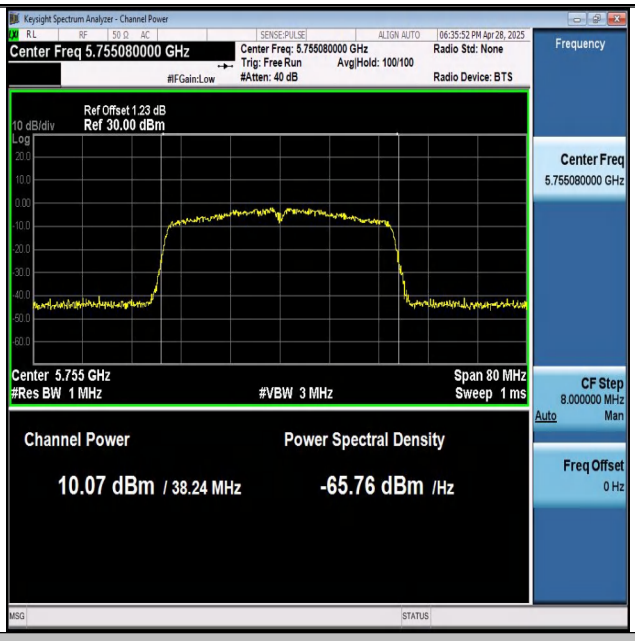

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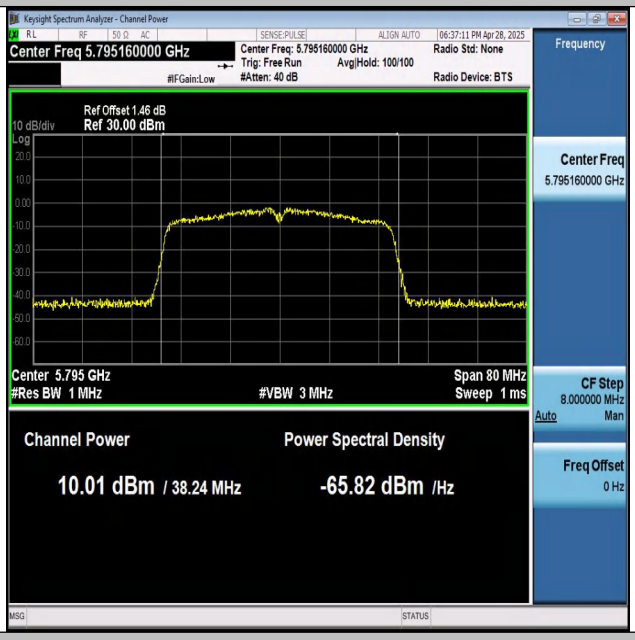

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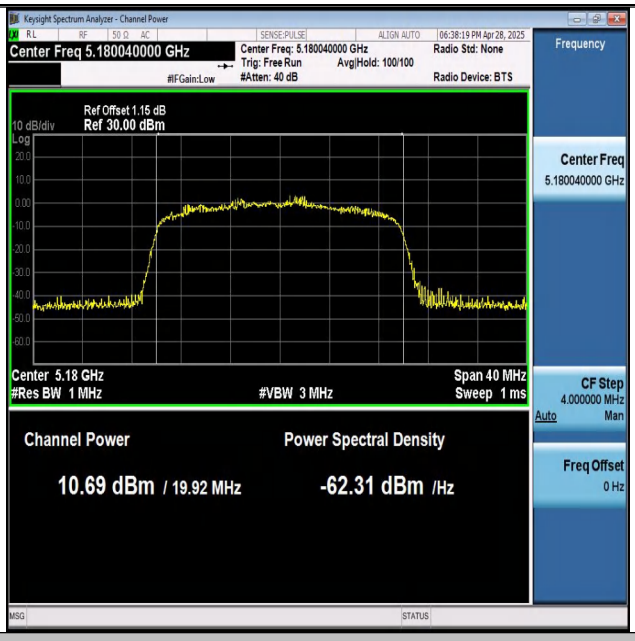

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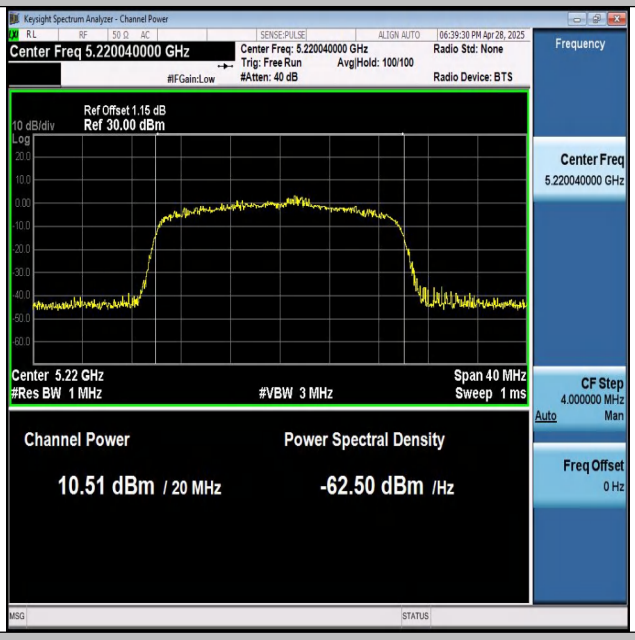

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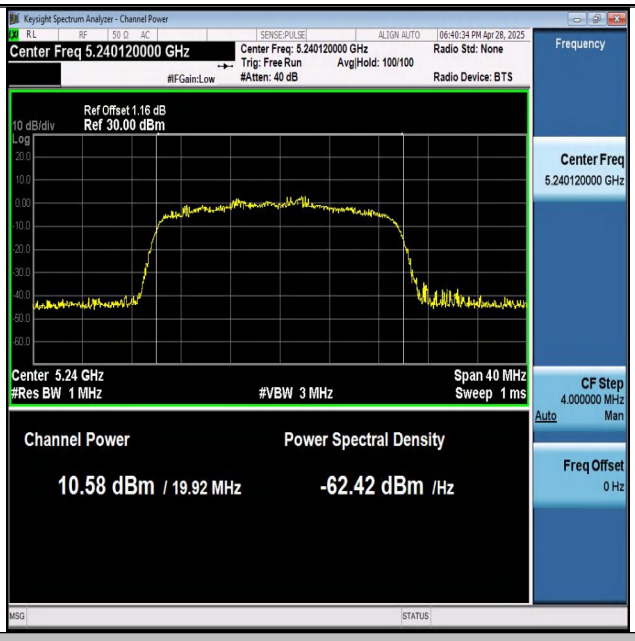

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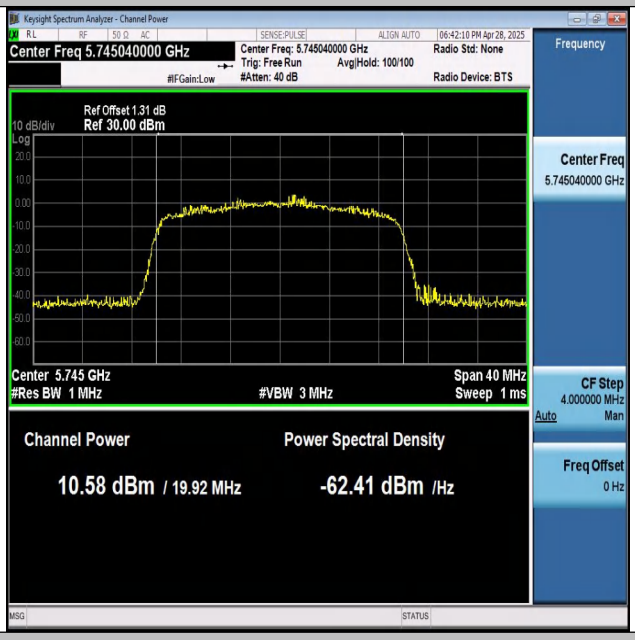

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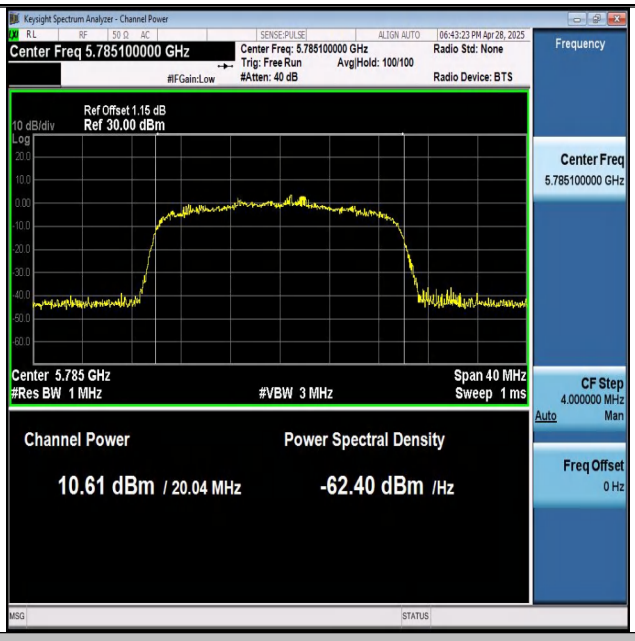

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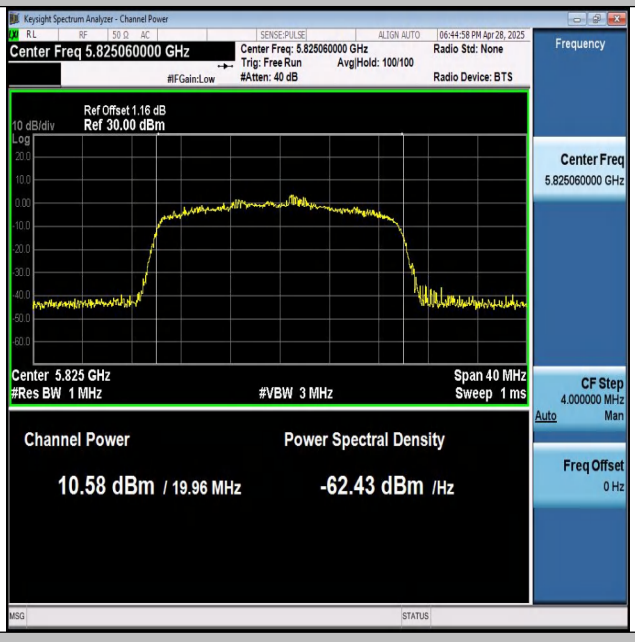

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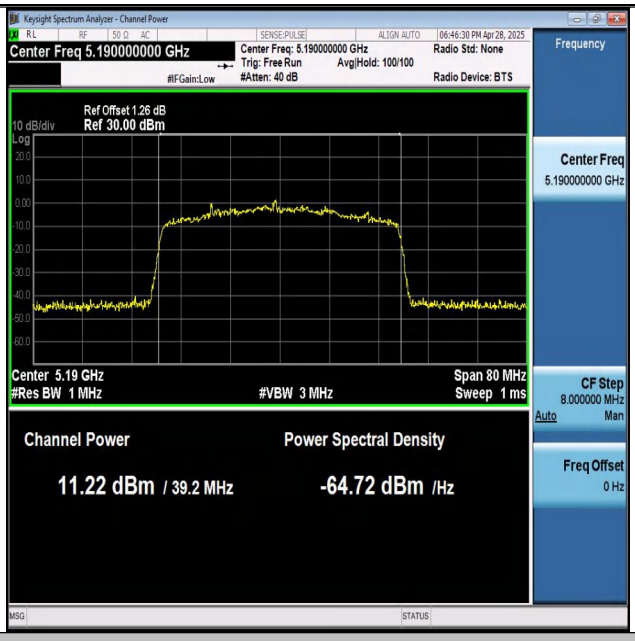

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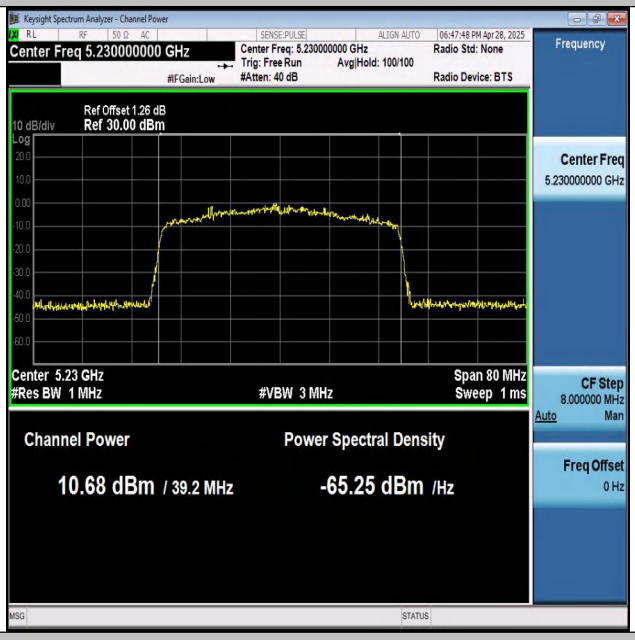

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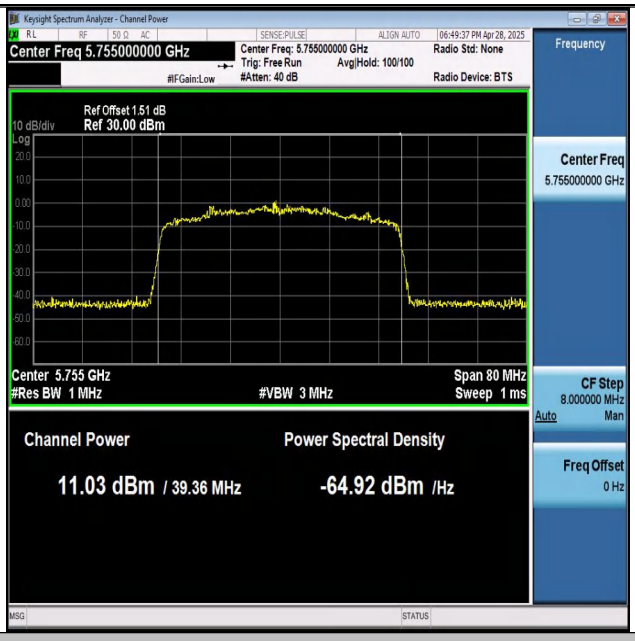
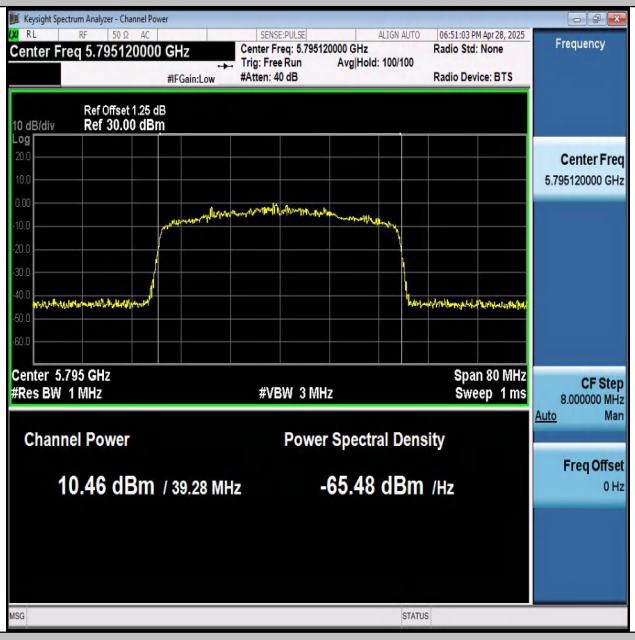


11AX40SISO-Ant1-5755-PASS



11AX40SISO-Ant1-5795-PASS

Appendix D: Maximum Power Spectral Density

Test Result B1

Test Mode	Antenna	Frequency[MHz]	Reading Result[dBm/MHz]	DC Factor [dBm]	Result [dBm]	Limit [dBm/MHz]	Verdict
11A	Ant1	5180	-4.19	0.26	-3.93	≤10.00	PASS
11A	Ant1	5220	-4.22	0.26	-3.96	≤10.00	PASS
11A	Ant1	5240	-4.52	0.13	-4.39	≤10.00	PASS
11N20SISO	Ant1	5180	-4.38	0.13	-4.25	≤10.00	PASS
11N20SISO	Ant1	5220	-4.73	0.13	-4.6	≤10.00	PASS
11N20SISO	Ant1	5240	-4.71	0.13	-4.58	≤10.00	PASS
11N40SISO	Ant1	5190	-7.3	0.23	-7.07	≤10.00	PASS
11N40SISO	Ant1	5230	-7.61	0.23	-7.38	≤10.00	PASS
11AC20SISO	Ant1	5180	-3.97	0.13	-3.84	≤10.00	PASS
11AC20SISO	Ant1	5220	-4.63	0.13	-4.5	≤10.00	PASS
11AC20SISO	Ant1	5240	-4.92	0.26	-4.66	≤10.00	PASS
11AC40SISO	Ant1	5190	-7.36	0.23	-7.13	≤10.00	PASS
11AC40SISO	Ant1	5230	-7.68	0.23	-7.45	≤10.00	PASS
11AX20SISO	Ant1	5180	-4.53	0.15	-4.38	≤10.00	PASS
11AX20SISO	Ant1	5220	-4.84	0.15	-4.69	≤10.00	PASS
11AX20SISO	Ant1	5240	-4.84	0.16	-4.68	≤10.00	PASS
11AX40SISO	Ant1	5190	-7.42	0.26	-7.16	≤10.00	PASS
11AX40SISO	Ant1	5230	-7.92	0.26	-7.66	≤10.00	PASS

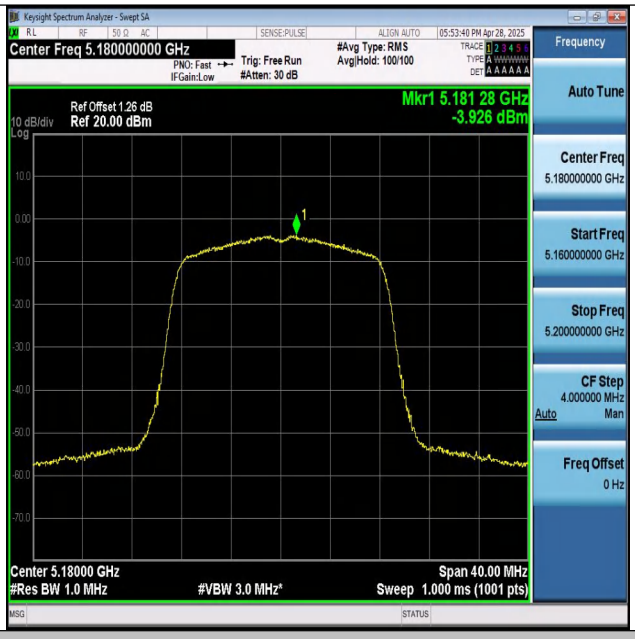
Note：1.The Duty Cycle Factor and cable loss are compensated in the graph.

Test Result B4

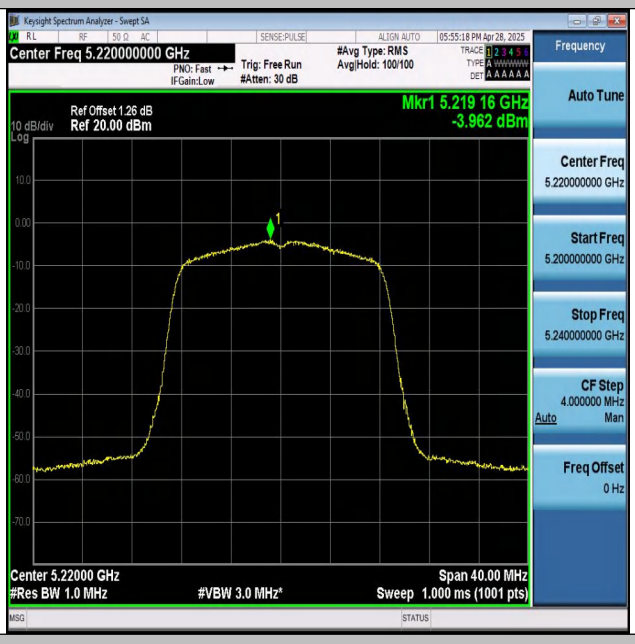
Test Mode	Antenna	Frequency[MHz]	Reading Result[dBm/MHz]	DC Factor [dBm]	Result [dBm/510KHz]	Result [dBm/500KHz]	Limit [dBm/500KHz]	Verdict
11A	Ant1	5745	-6.76	0.13	-6.72	-6.81	≤30.00	PASS
11A	Ant1	5785	-6.63	0.26	-6.46	-6.55	≤30.00	PASS
11A	Ant1	5825	-7.43	0.26	-7.26	-7.35	≤30.00	PASS
11N20SISO	Ant1	5745	-7.1	0.13	-7.06	-7.15	≤30.00	PASS
11N20SISO	Ant1	5785	-7.31	0.13	-7.27	-7.36	≤30.00	PASS
11N20SISO	Ant1	5825	-7.57	0.26	-7.4	-7.49	≤30.00	PASS
11N40SISO	Ant1	5755	-10.12	0.48	-9.73	-9.82	≤30.00	PASS
11N40SISO	Ant1	5795	-9.98	0.23	-9.84	-9.93	≤30.00	PASS
11AC20SISO	Ant1	5745	-7.3	0.13	-7.26	-7.35	≤30.00	PASS
11AC20SISO	Ant1	5785	-7.3	0.13	-7.26	-7.35	≤30.00	PASS
11AC20SISO	Ant1	5825	-7.6	0.13	-7.56	-7.646	≤30.00	PASS
11AC40SISO	Ant1	5755	-10.19	0.23	-10.05	-10.14	≤30.00	PASS
11AC40SISO	Ant1	5795	-10.5	0.46	-10.13	-10.22	≤30.00	PASS
11AX20SISO	Ant1	5745	-7.4	0.31	-7.18	-7.27	≤30.00	PASS
11AX20SISO	Ant1	5785	-7.38	0.15	-7.32	-7.41	≤30.00	PASS
11AX20SISO	Ant1	5825	-7.43	0.16	-7.36	-7.45	≤30.00	PASS
11AX40SISO	Ant1	5755	-10.47	0.51	-10.05	-10.14	≤30.00	PASS
11AX40SISO	Ant1	5795	-10.68	0.25	-10.52	-10.61	≤30.00	PASS

Note：1.The Duty Cycle Factor and cable loss are compensated in the graph.
Note：Result [dBm/500KHz]=Result [dBm/510KHz]+10*LOG10(500/510)

Test Graphs



11A-Ant1-5180-PASS



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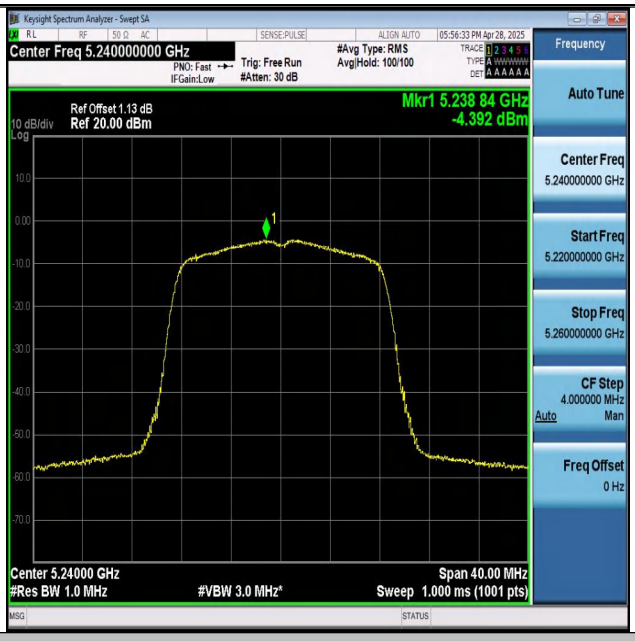

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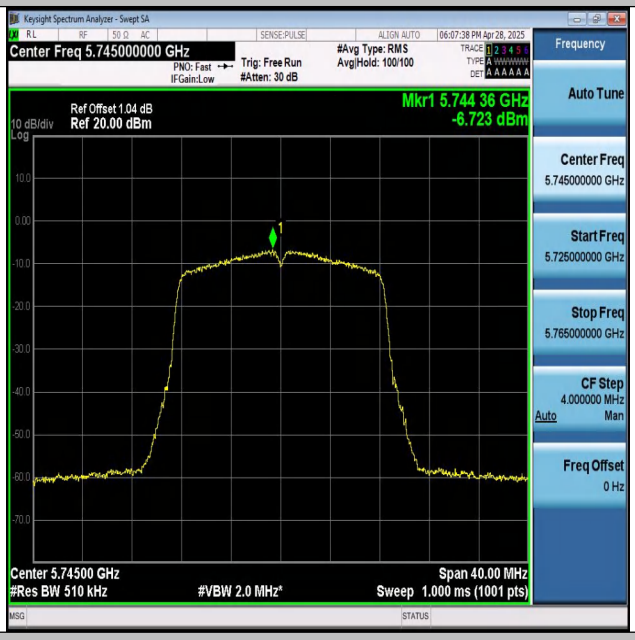

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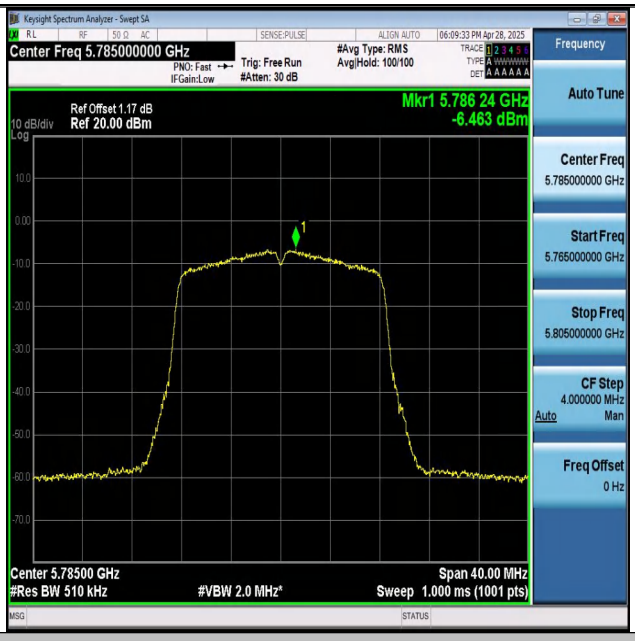

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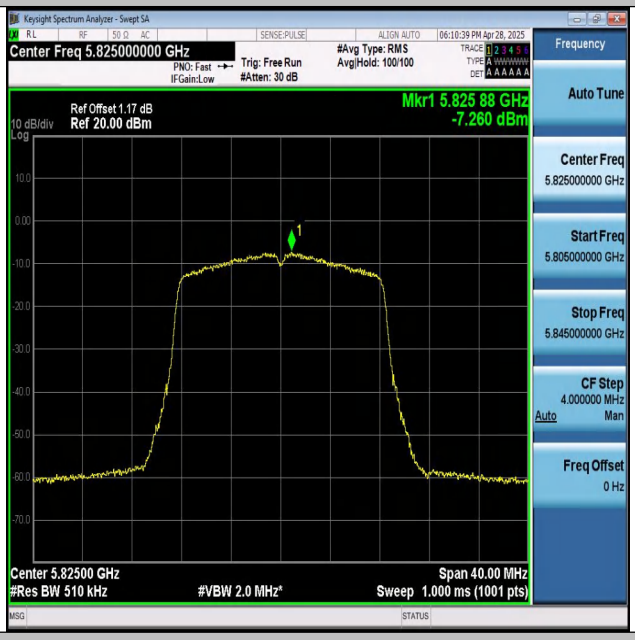

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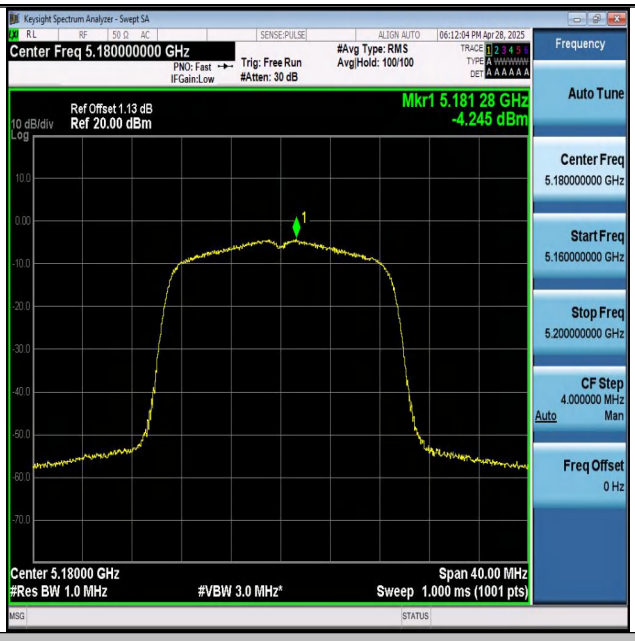

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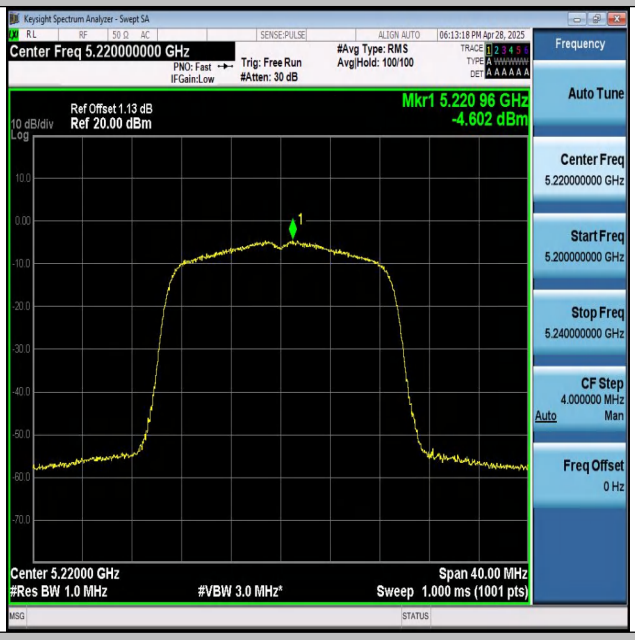

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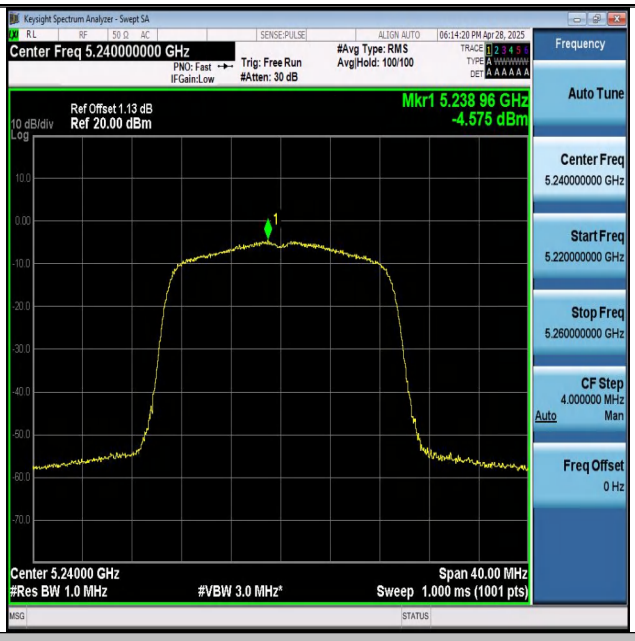

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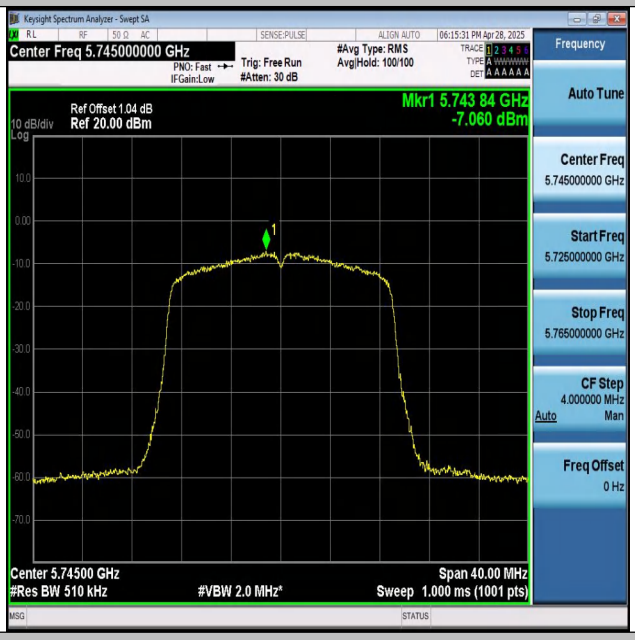

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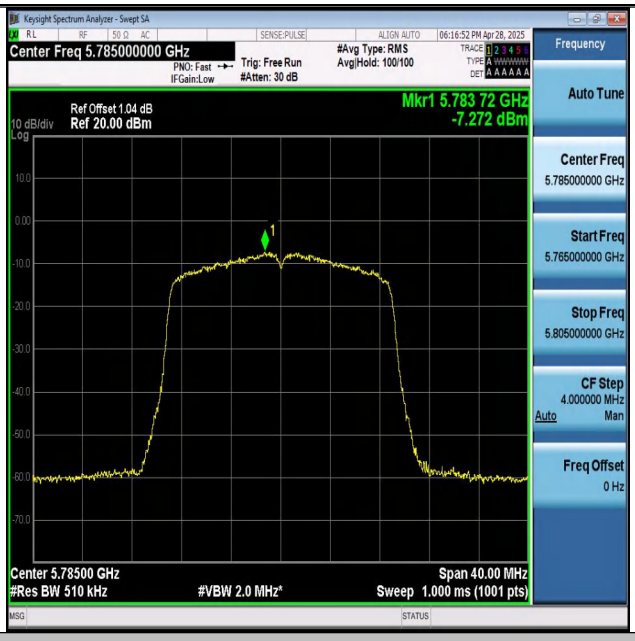

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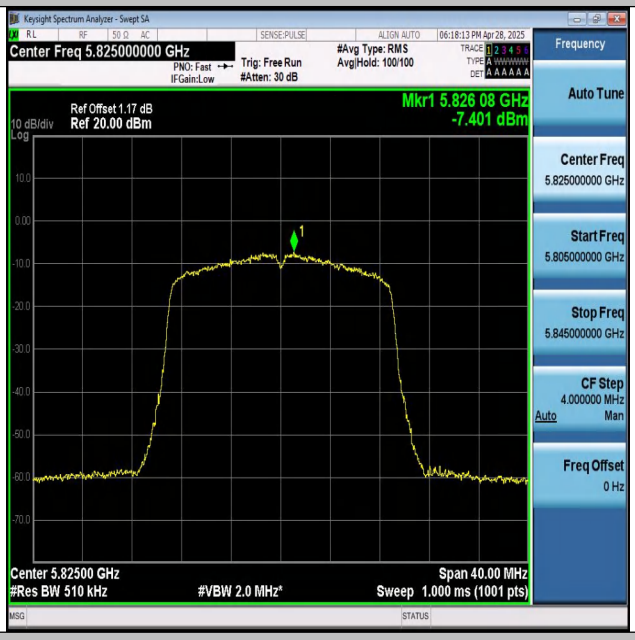

11N20SISO-Ant1-5825-PASS