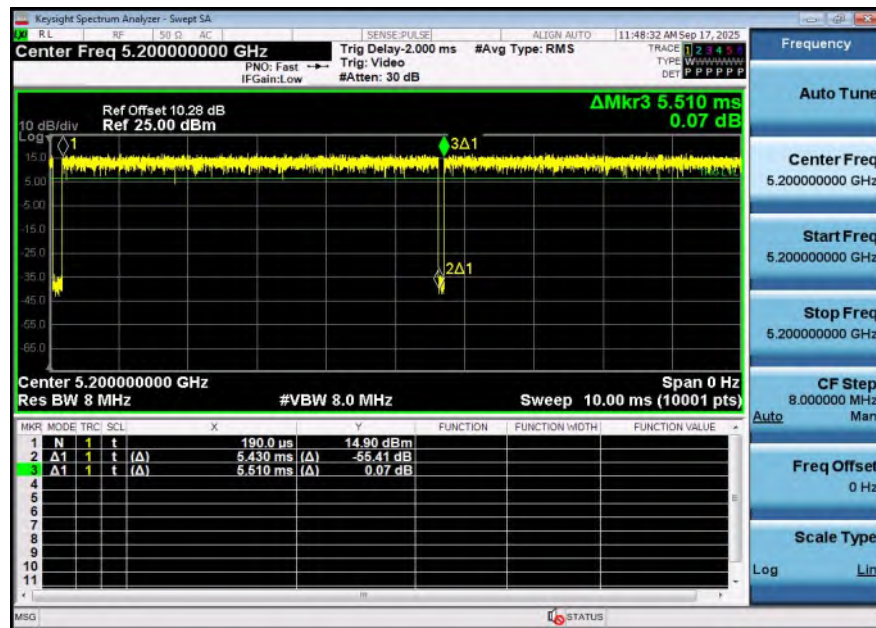




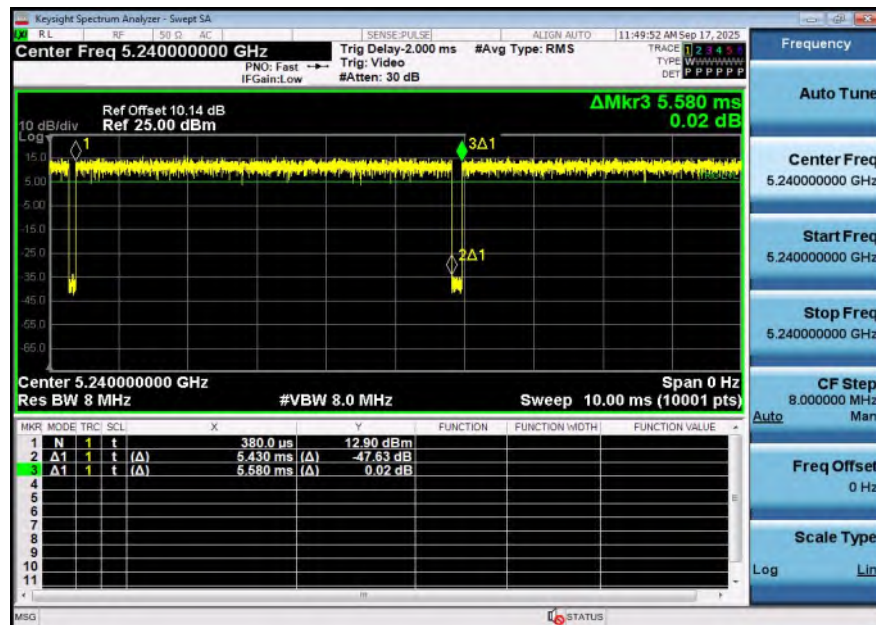
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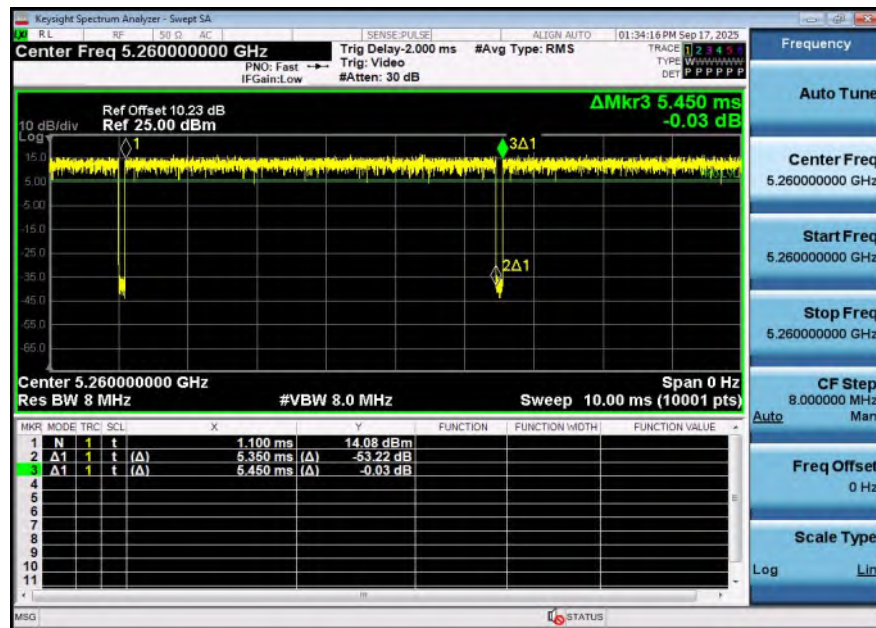
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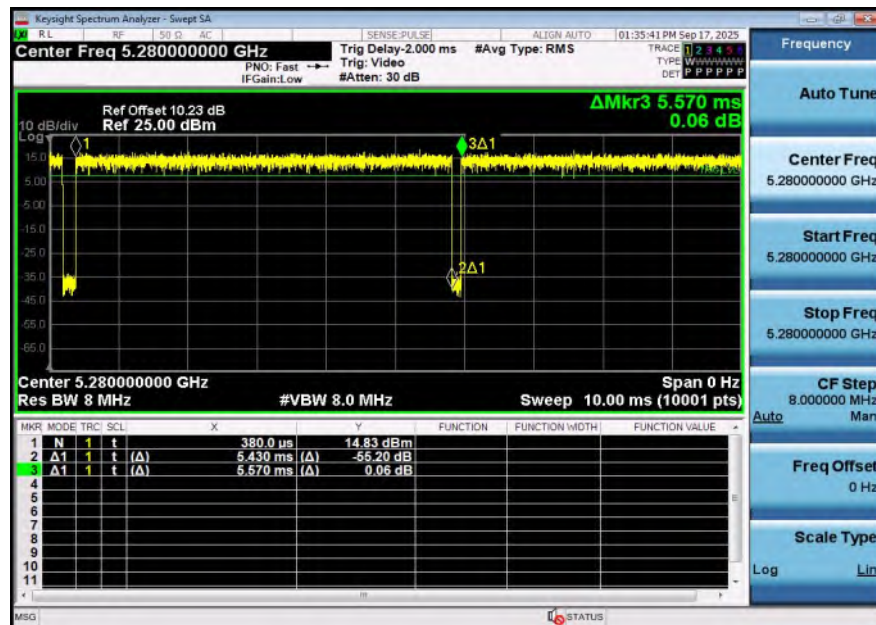
Shenzhen GUOREN Certification Technology Service Co., Ltd.
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Community, Fenghuang Street, Guangming District, Shenzhen, China

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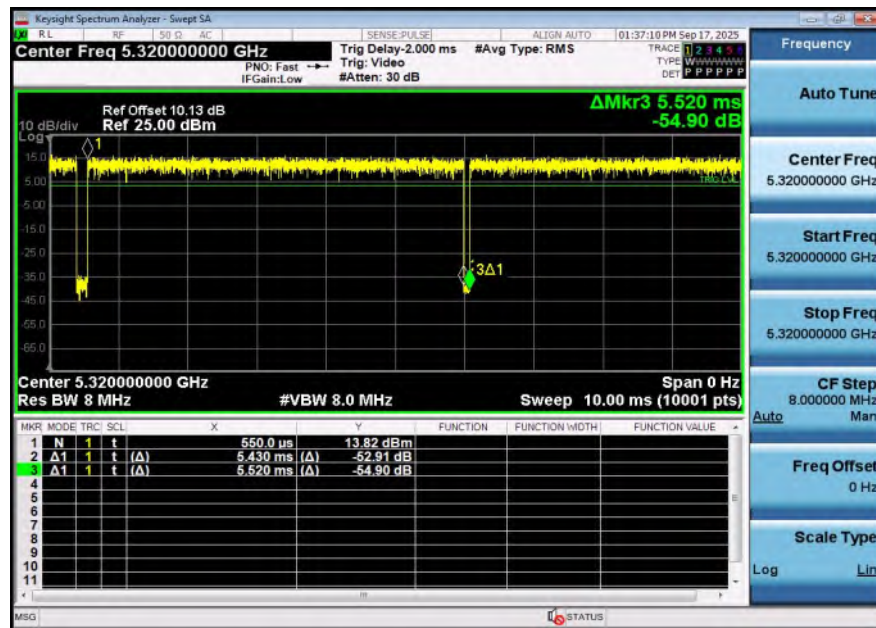
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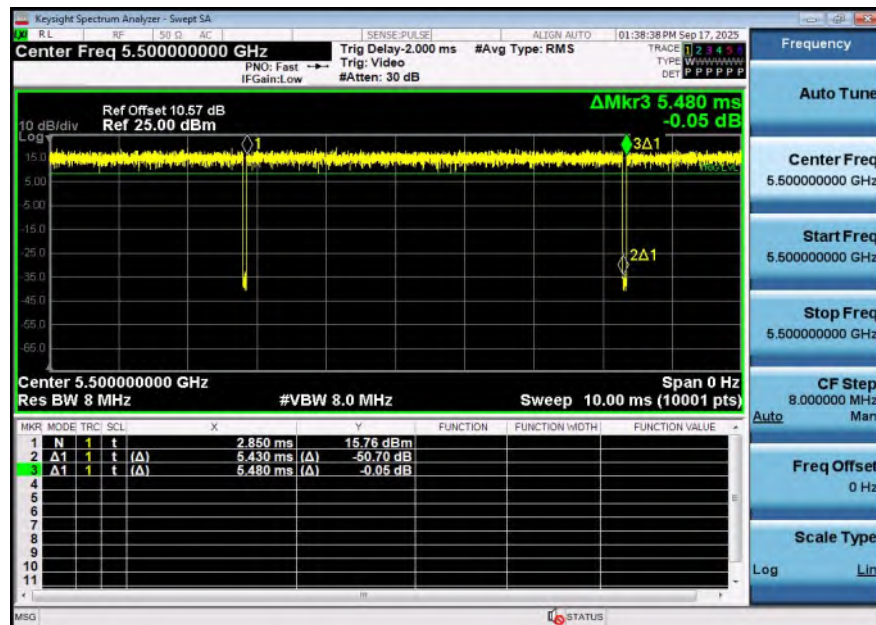
Shenzhen GUOREN Certification Technology Service Co., Ltd.
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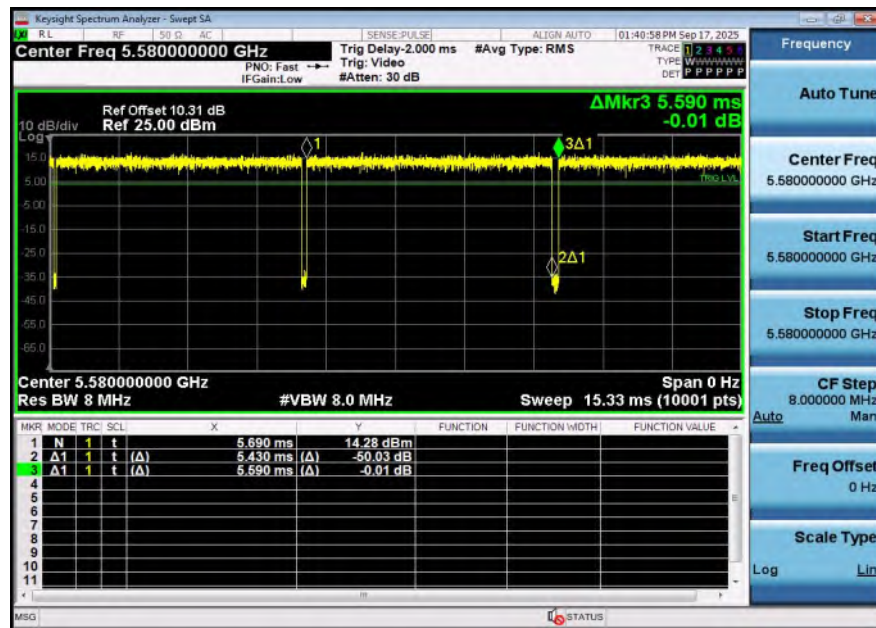
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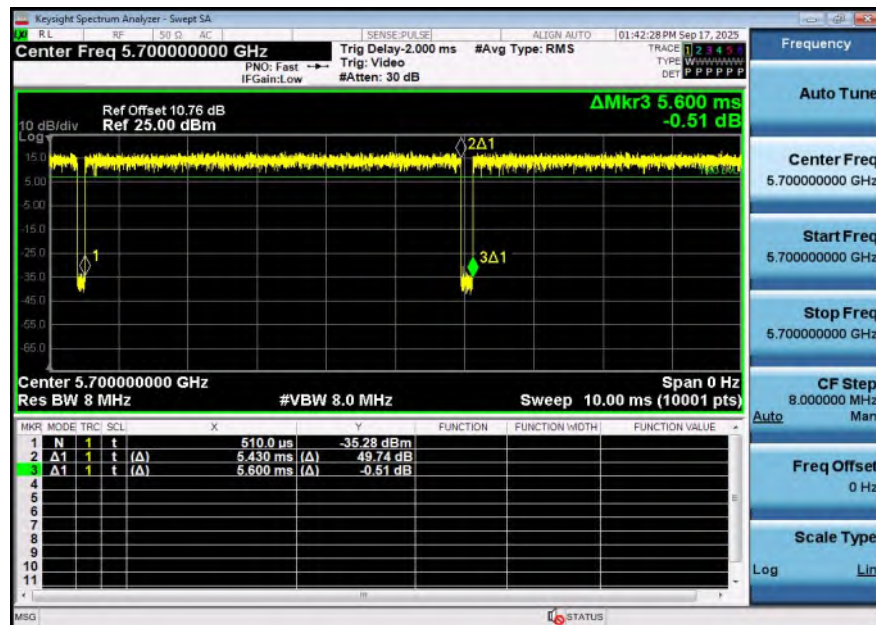
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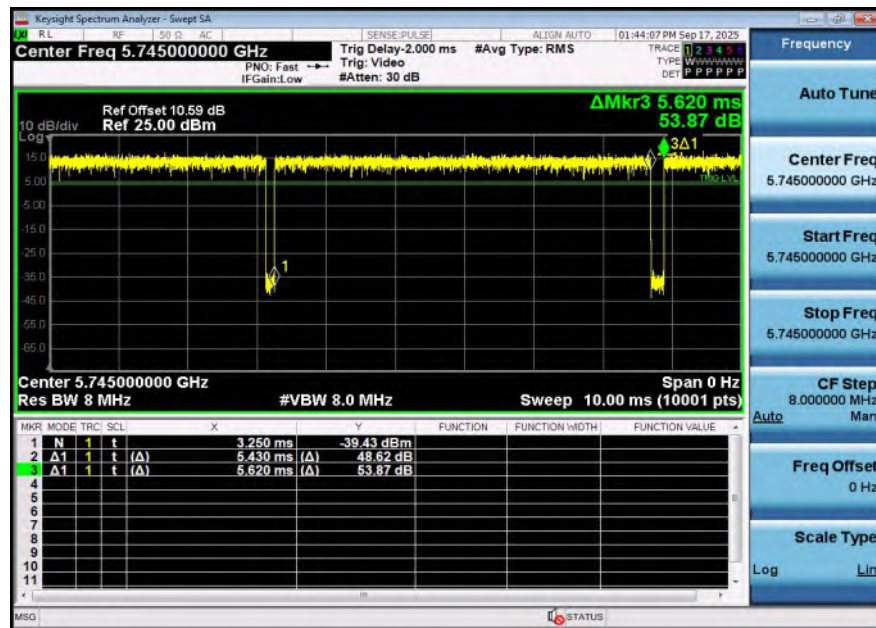
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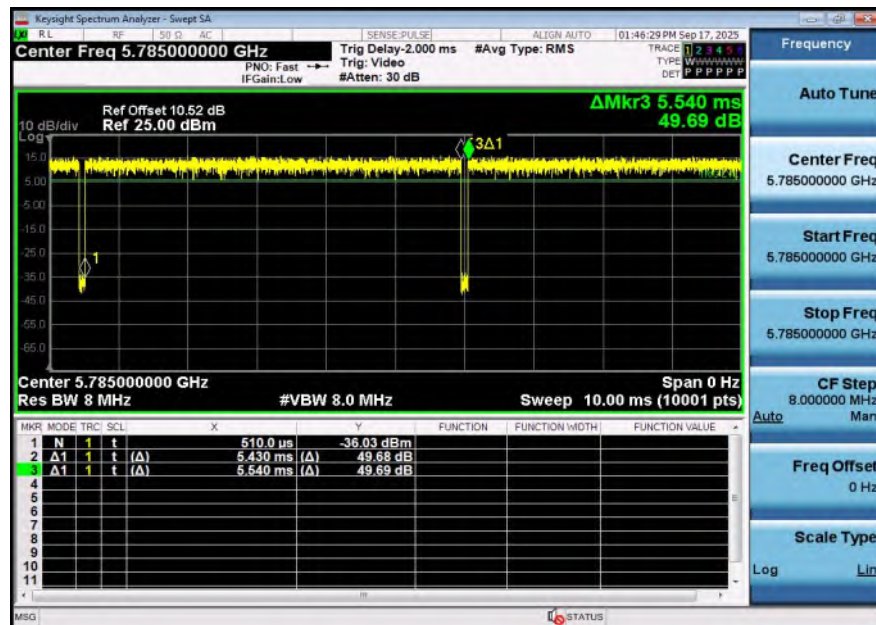
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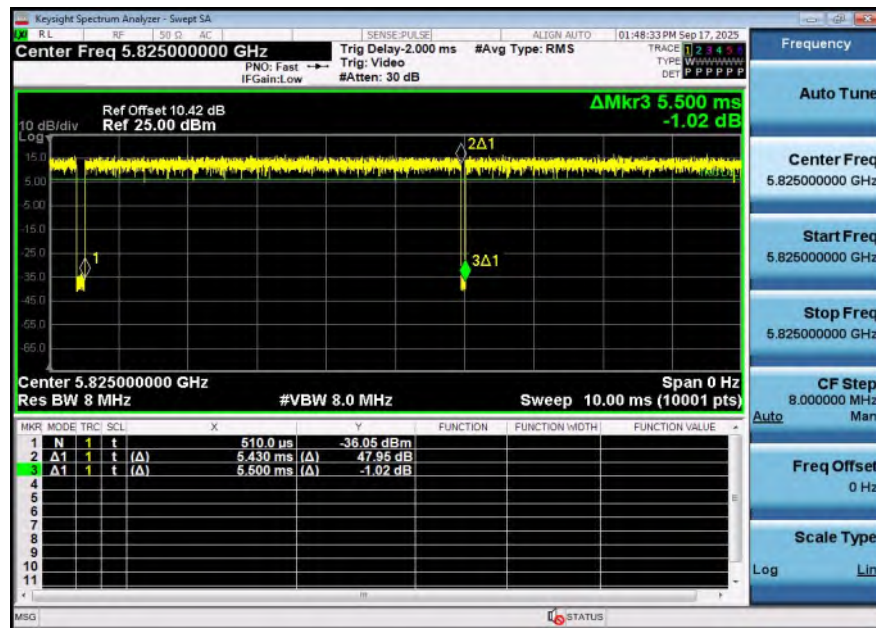


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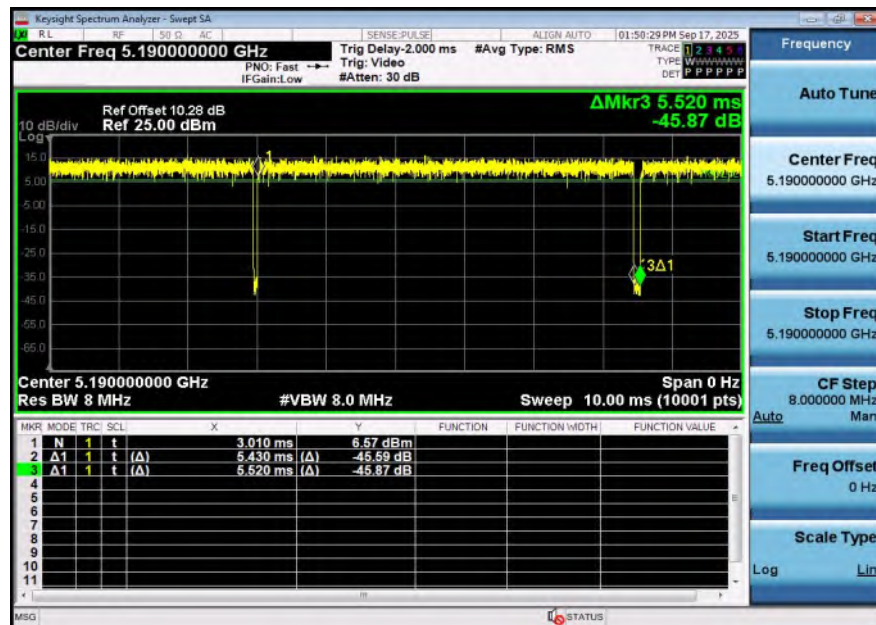


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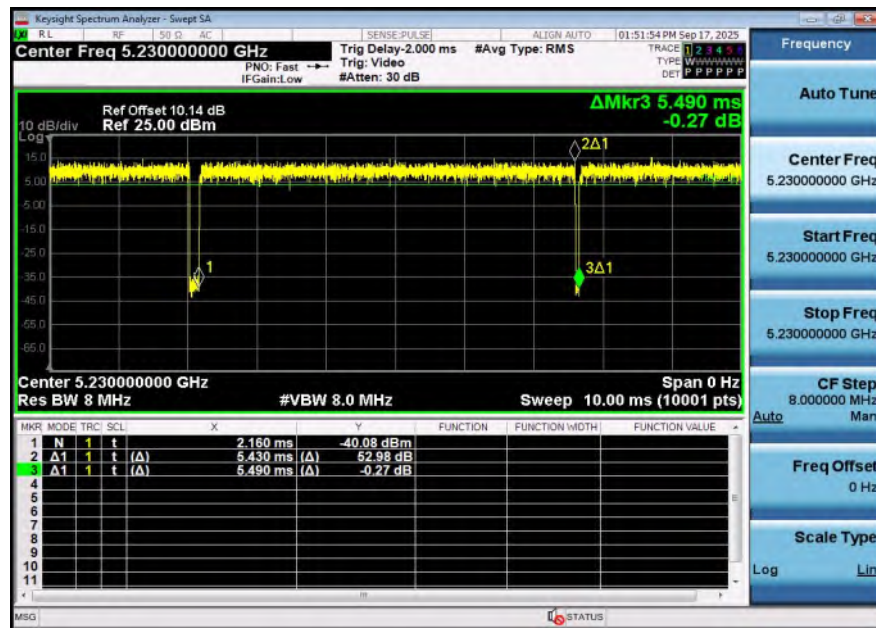
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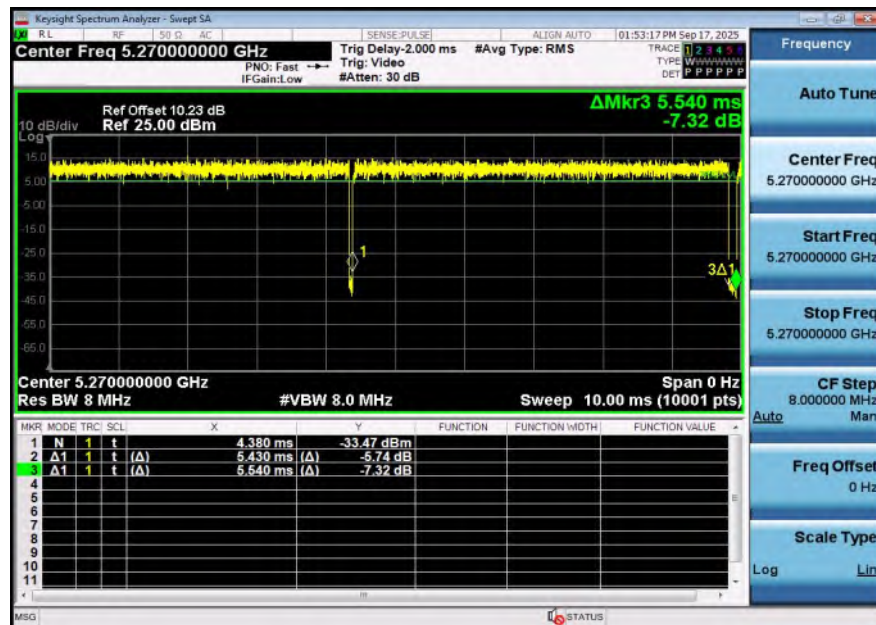
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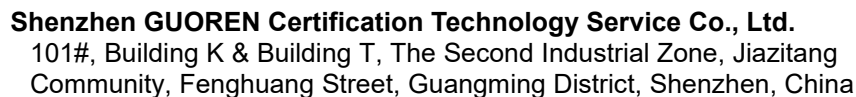
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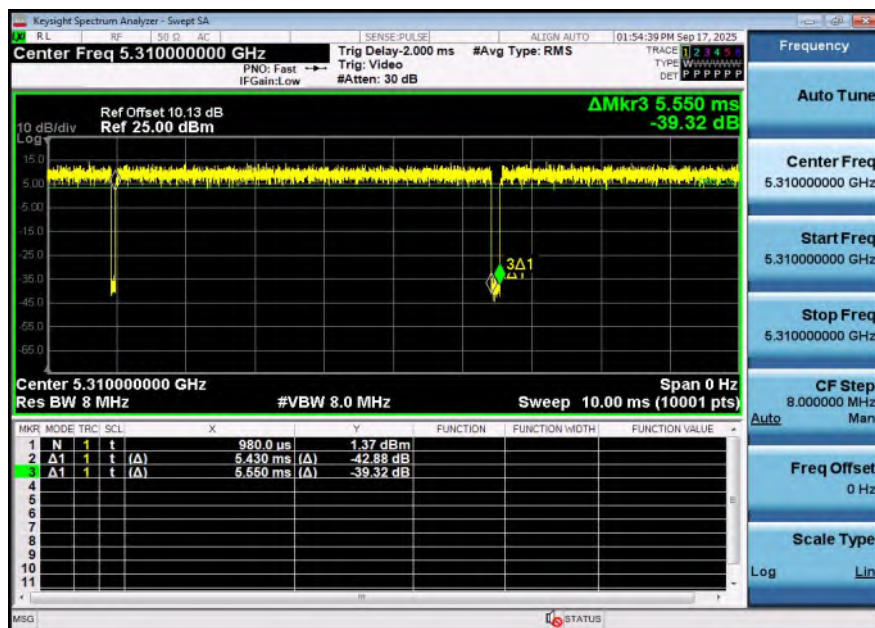
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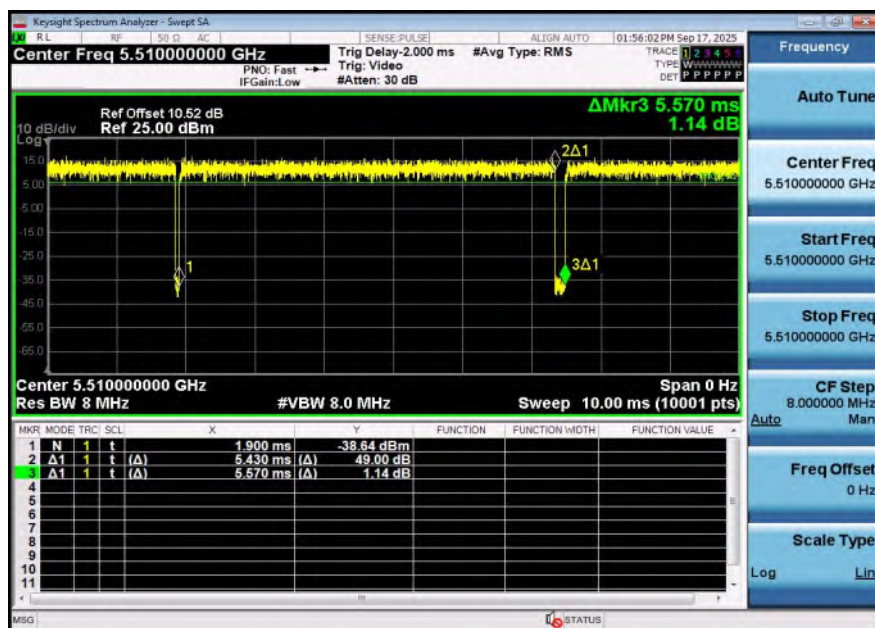
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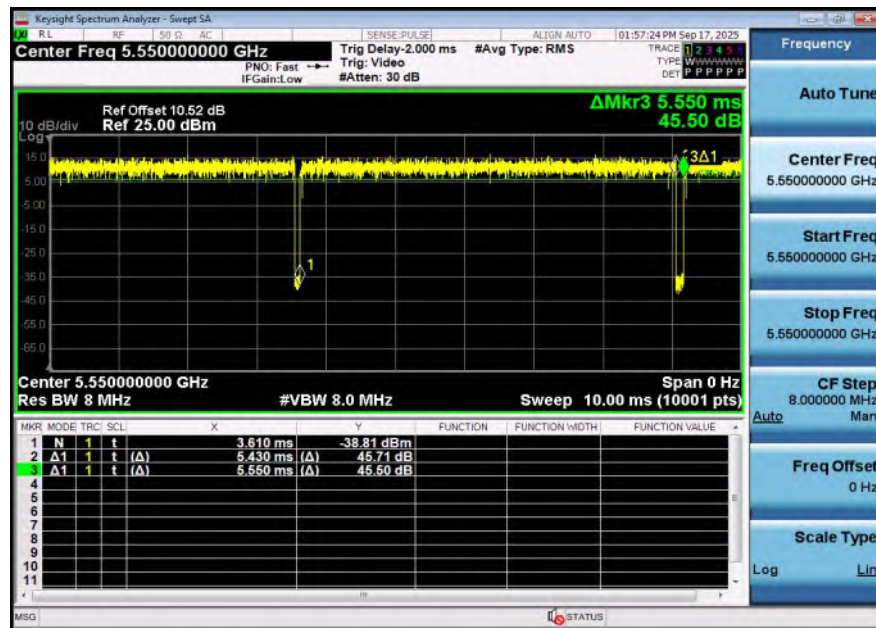


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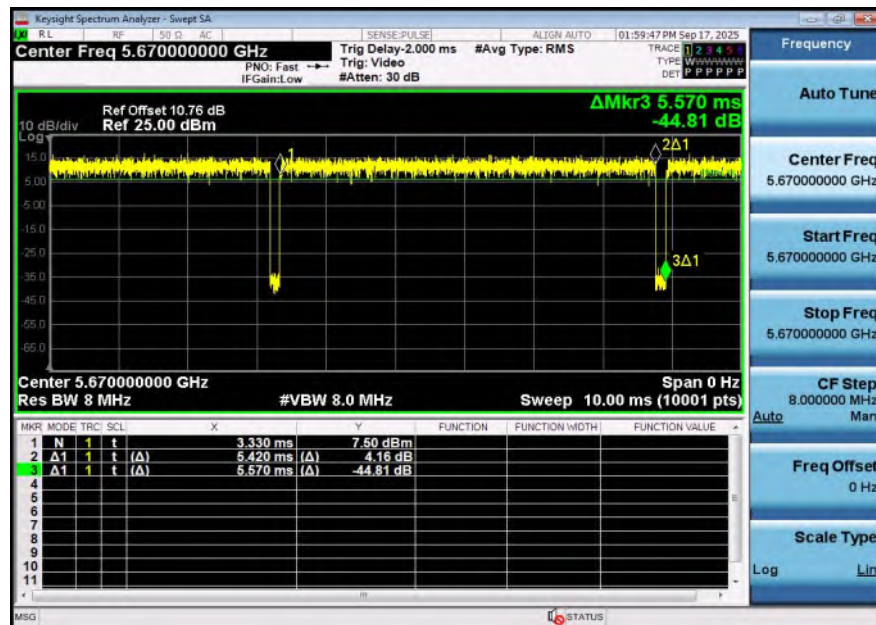


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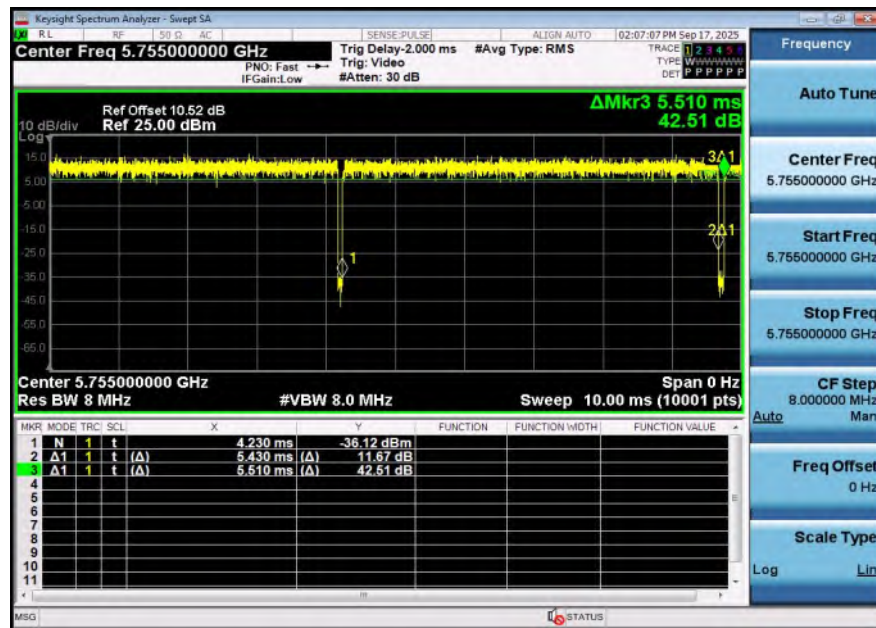
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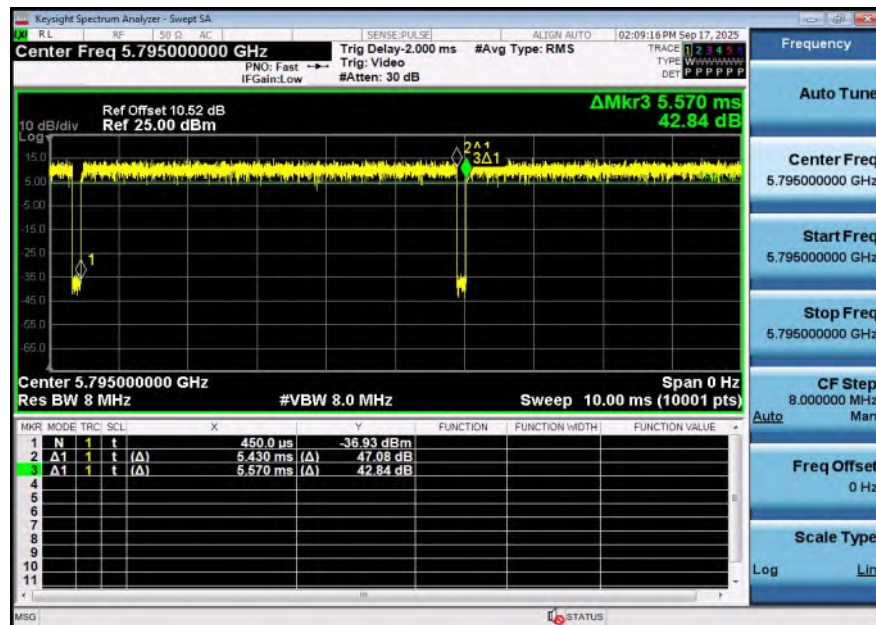
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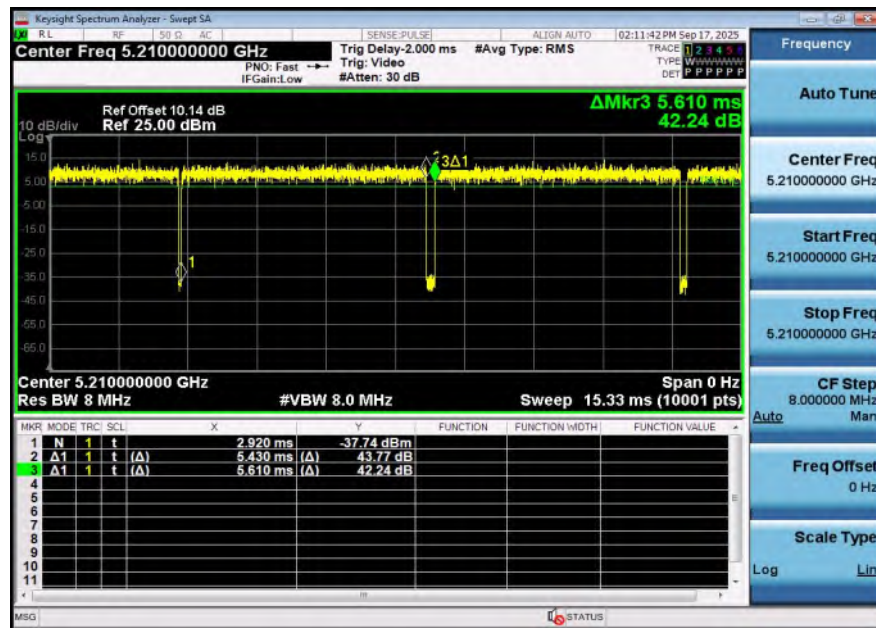
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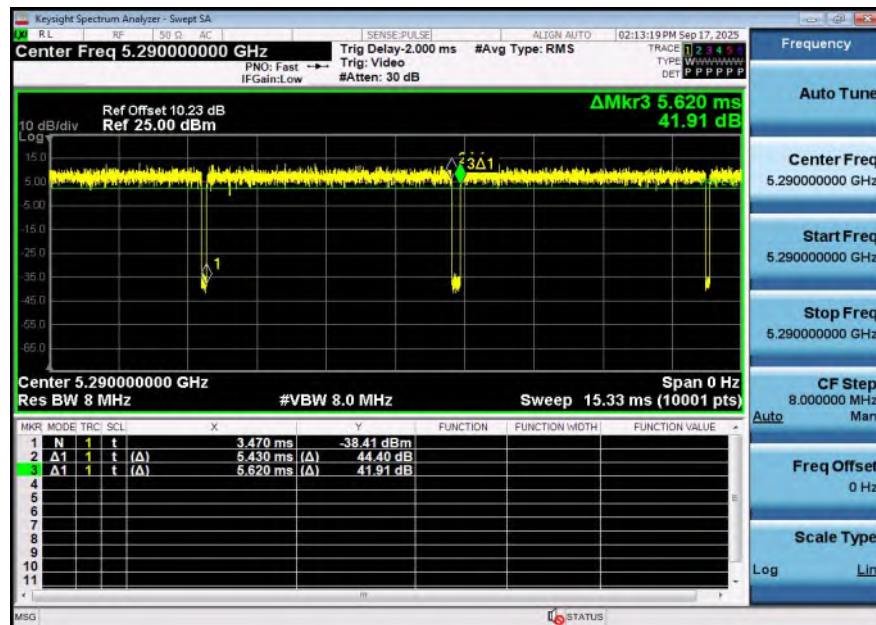
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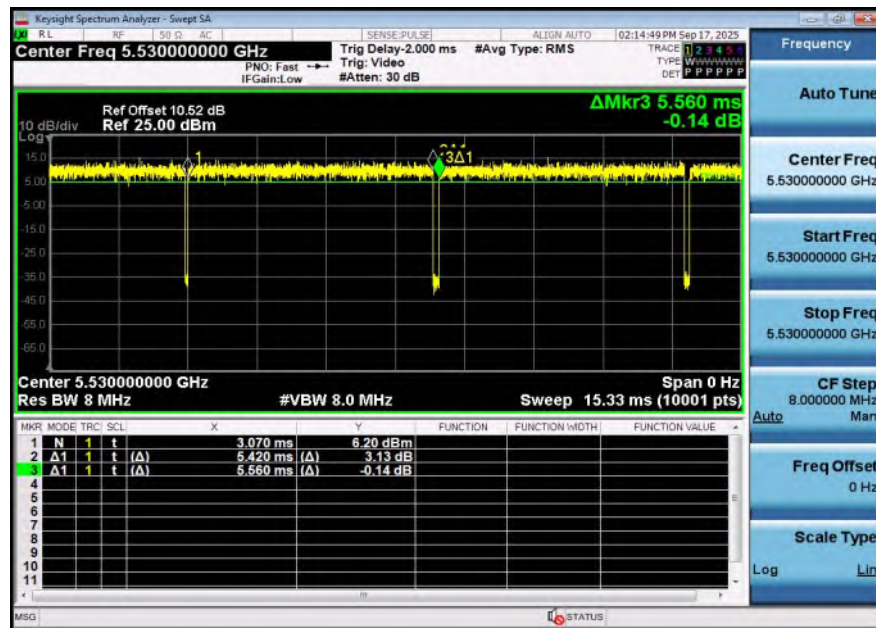
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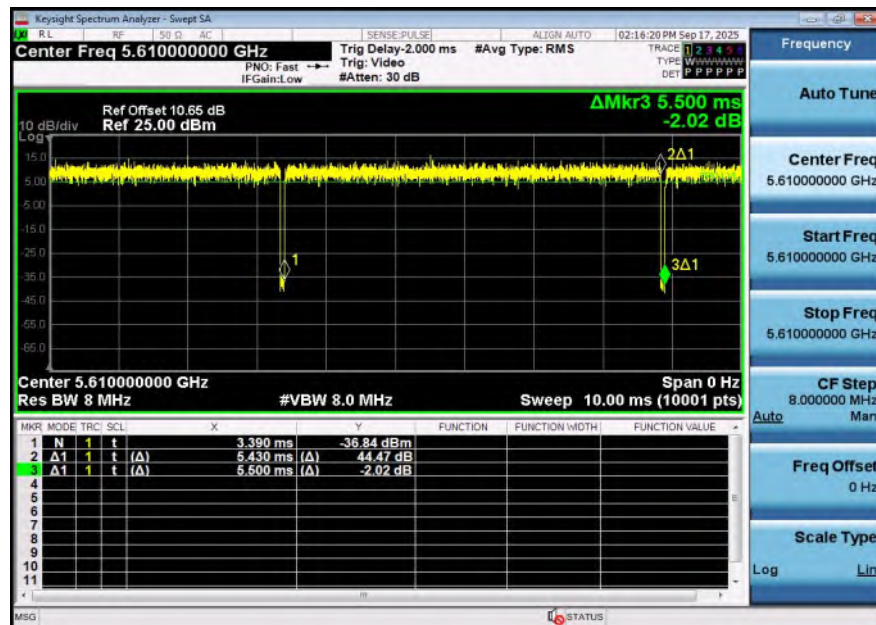
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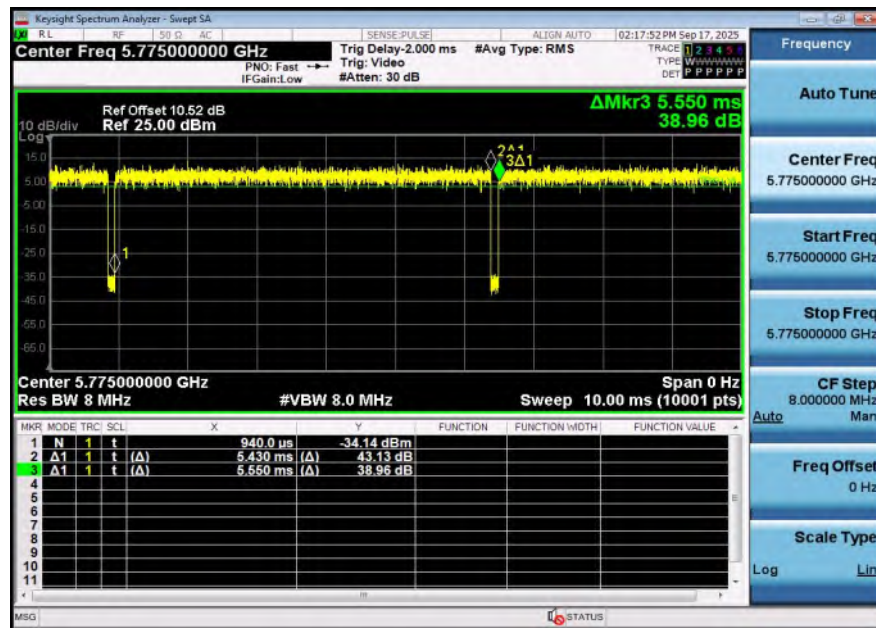
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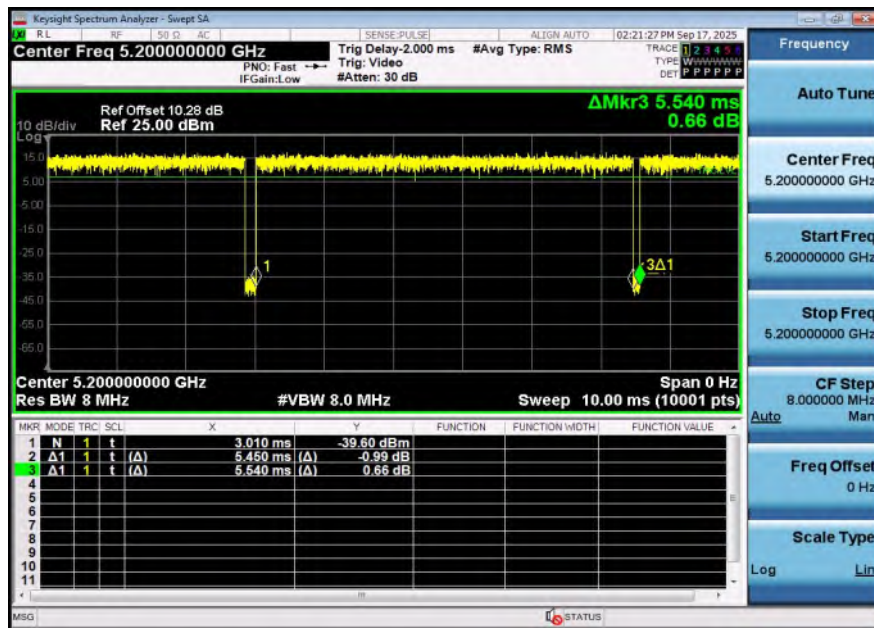
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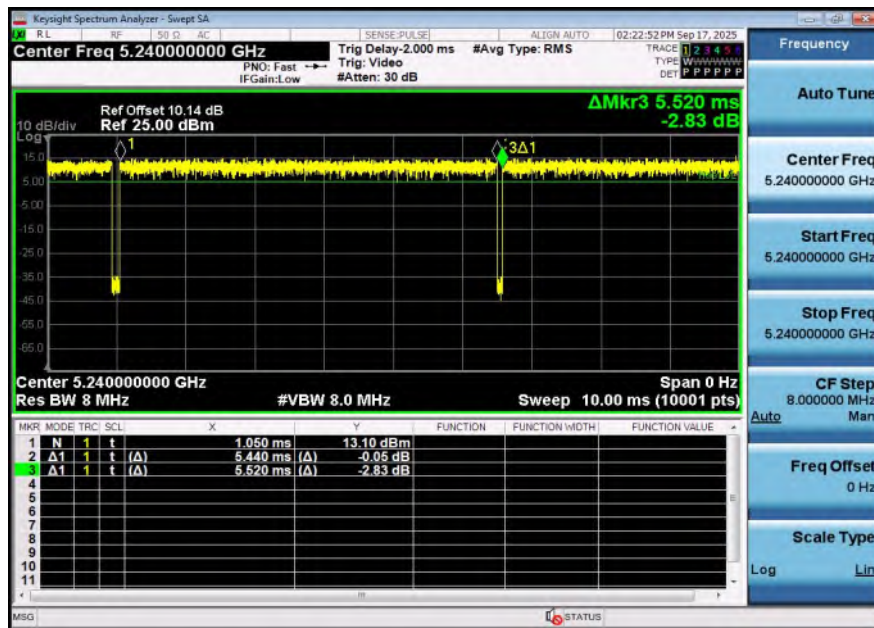
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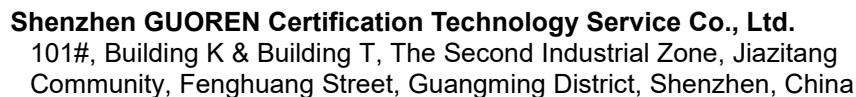
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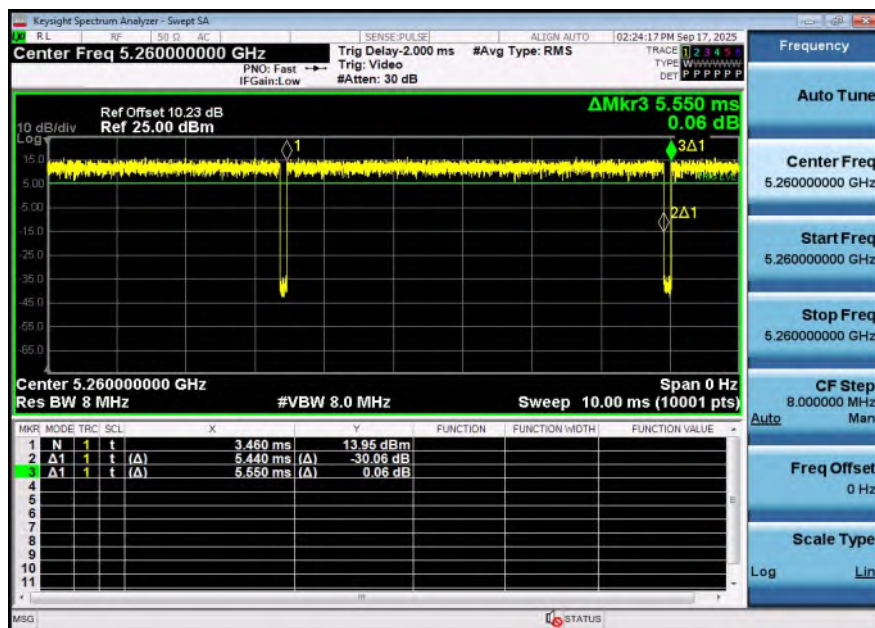
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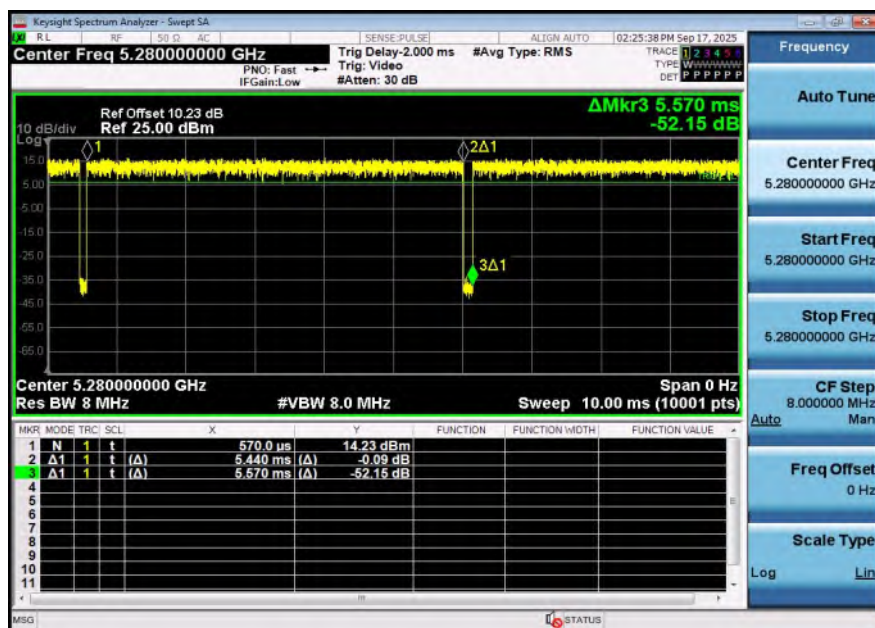
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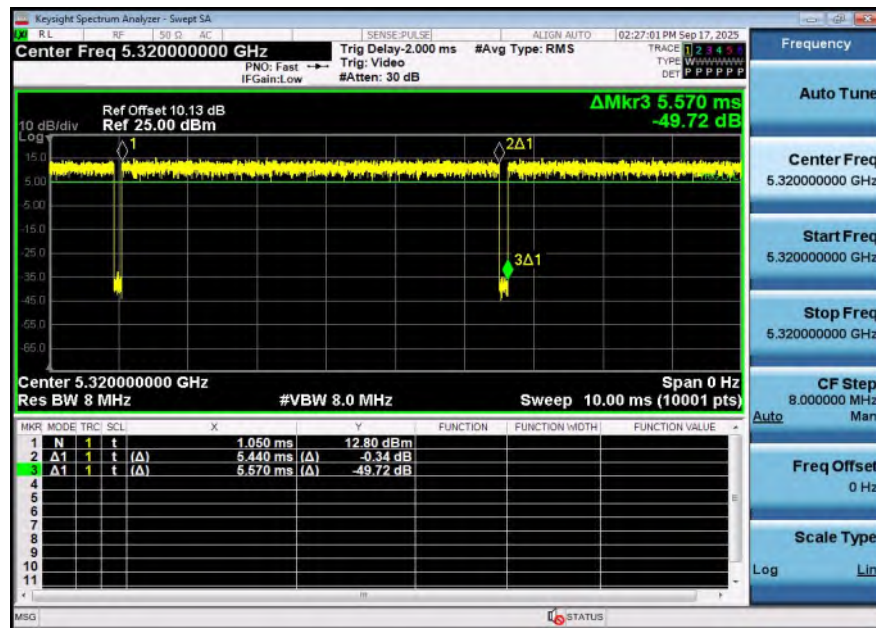
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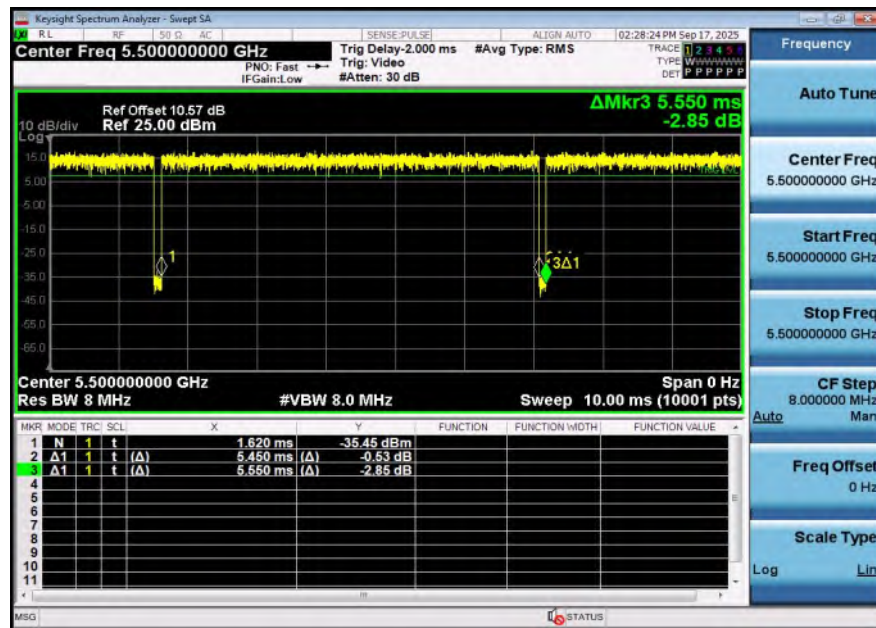
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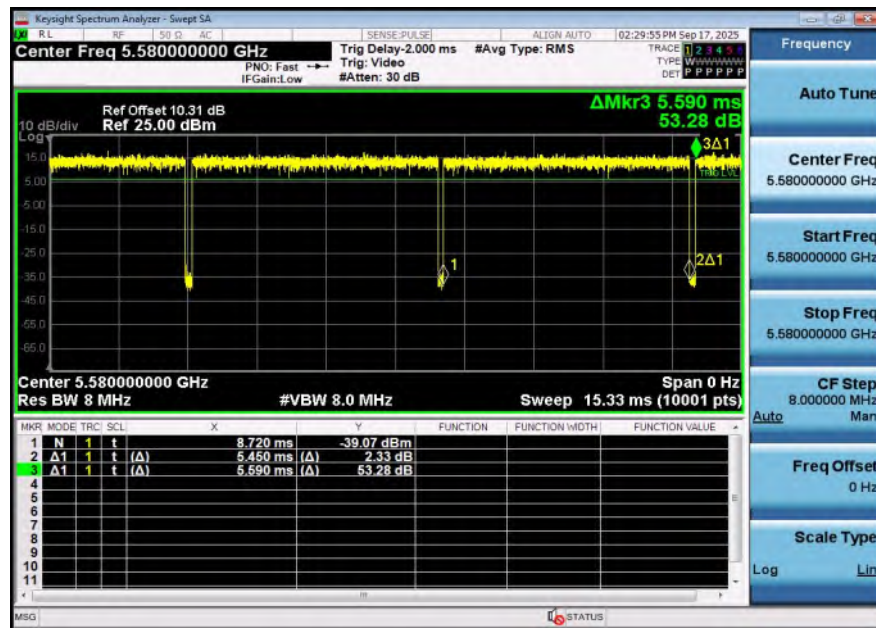
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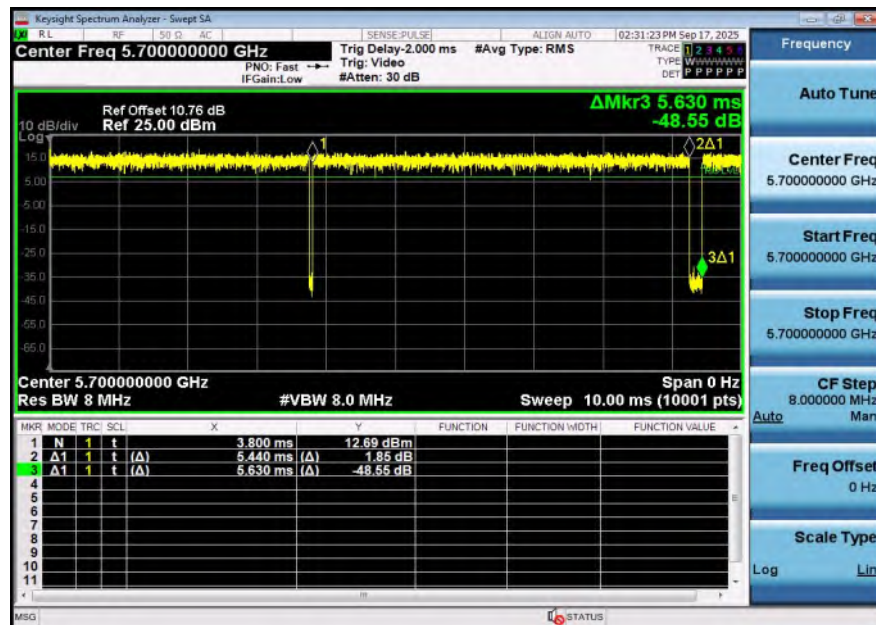
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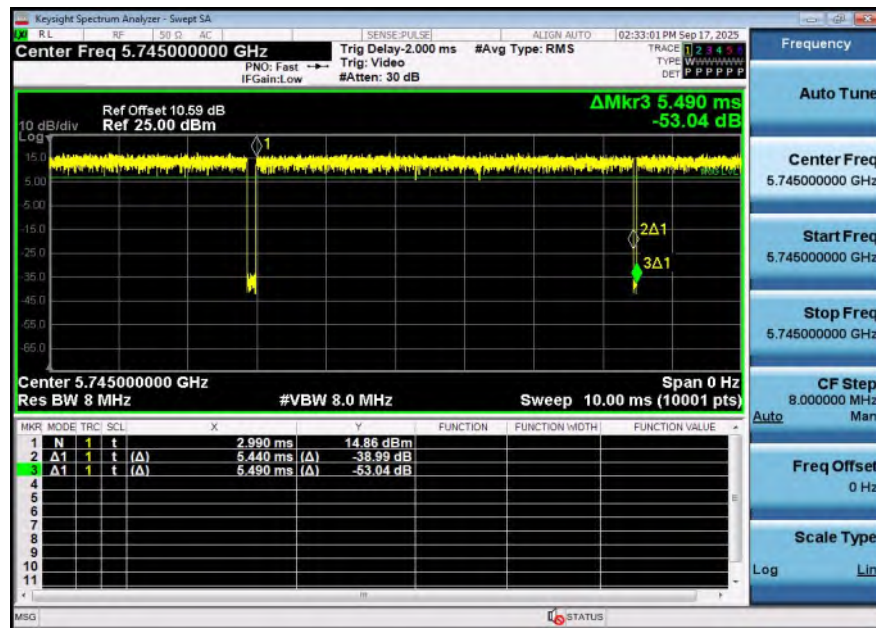


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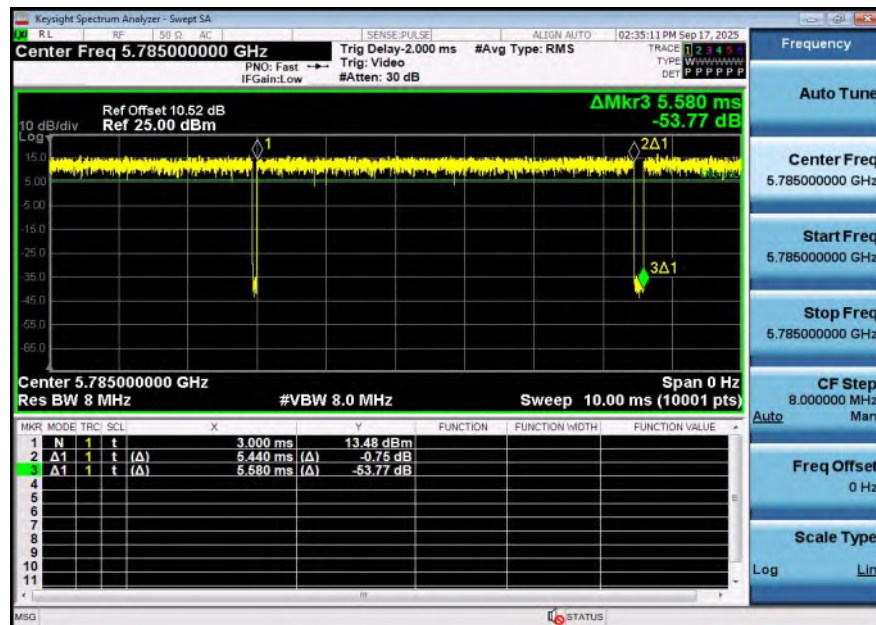


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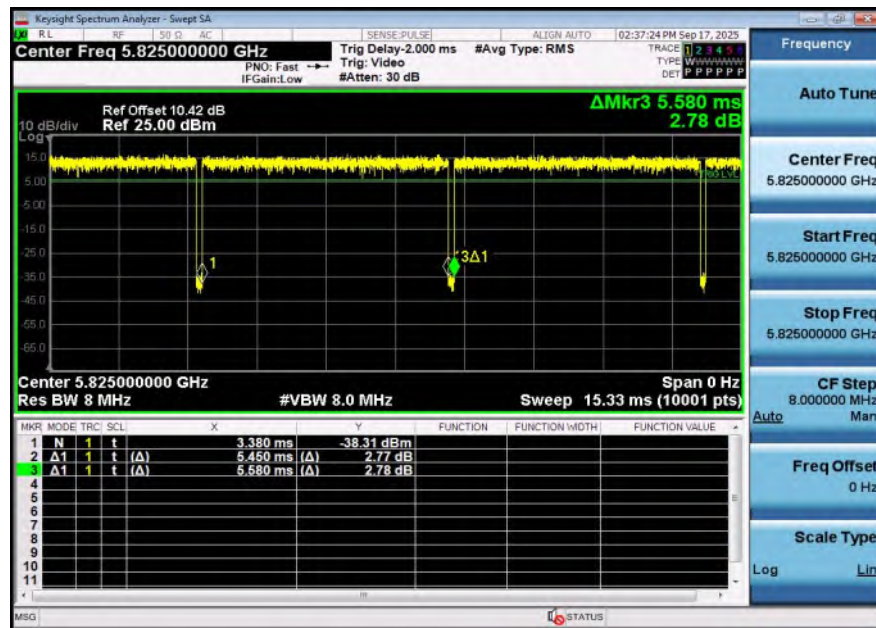
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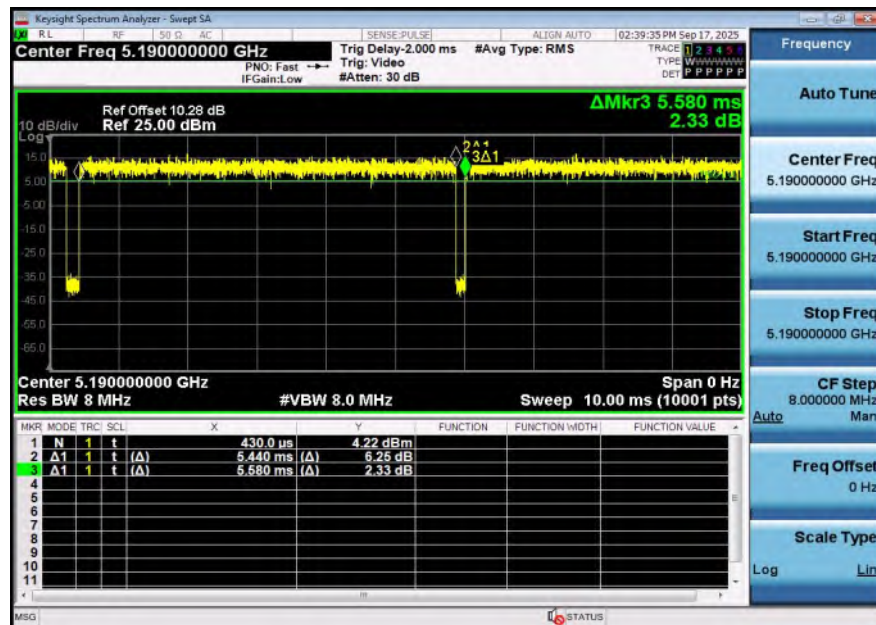
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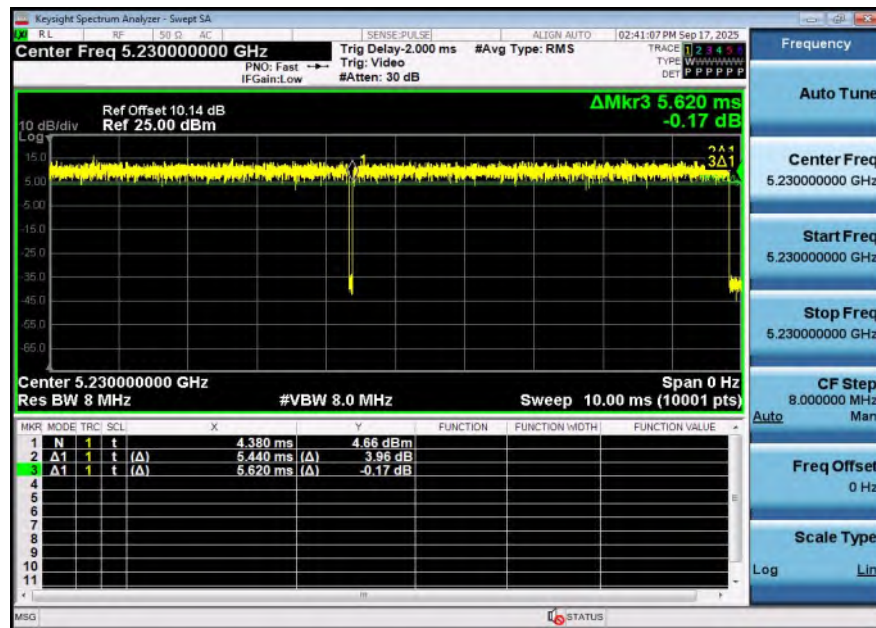
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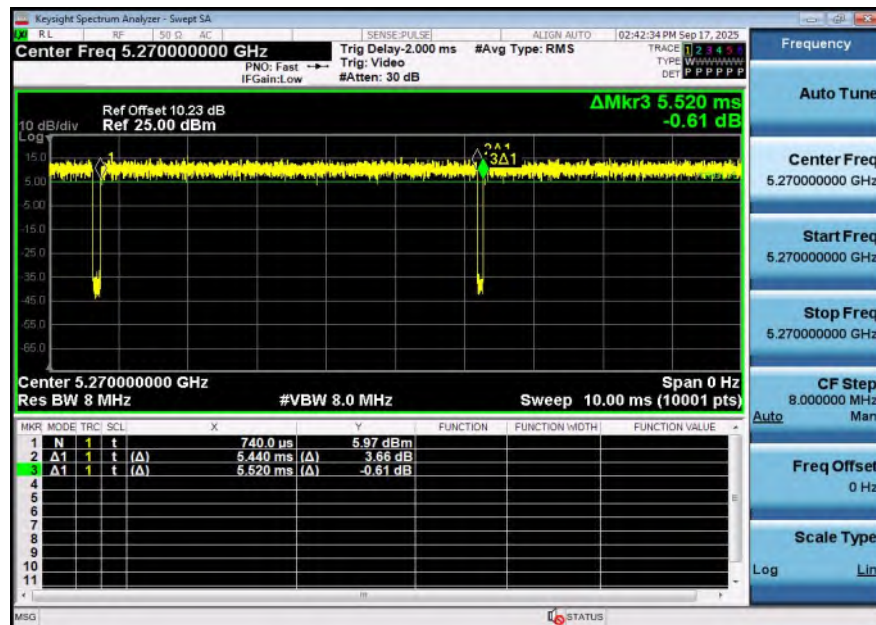
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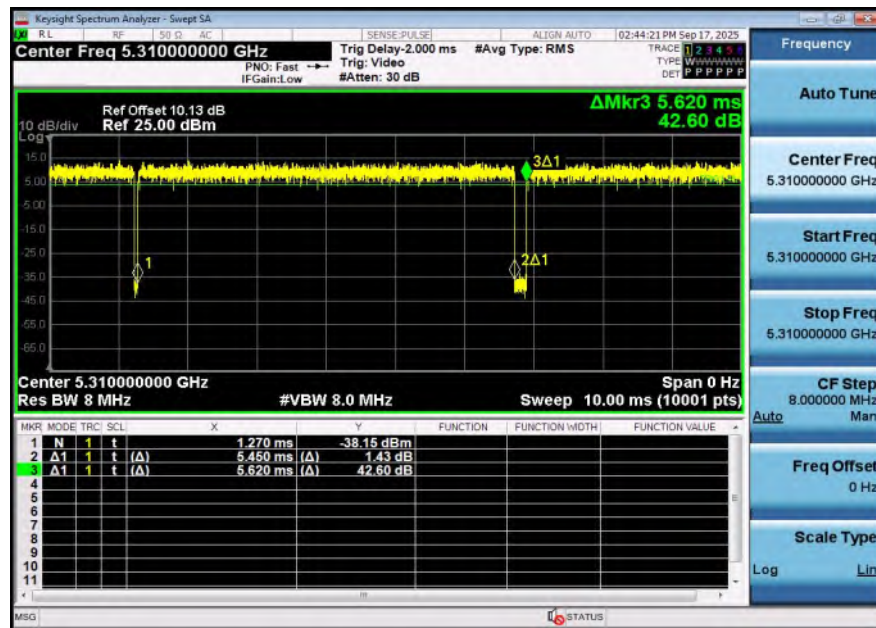
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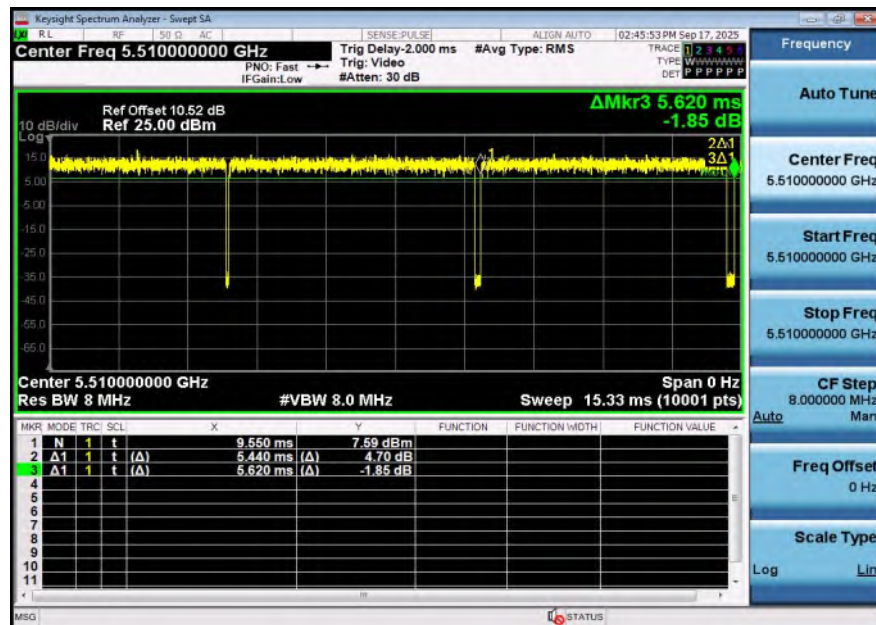
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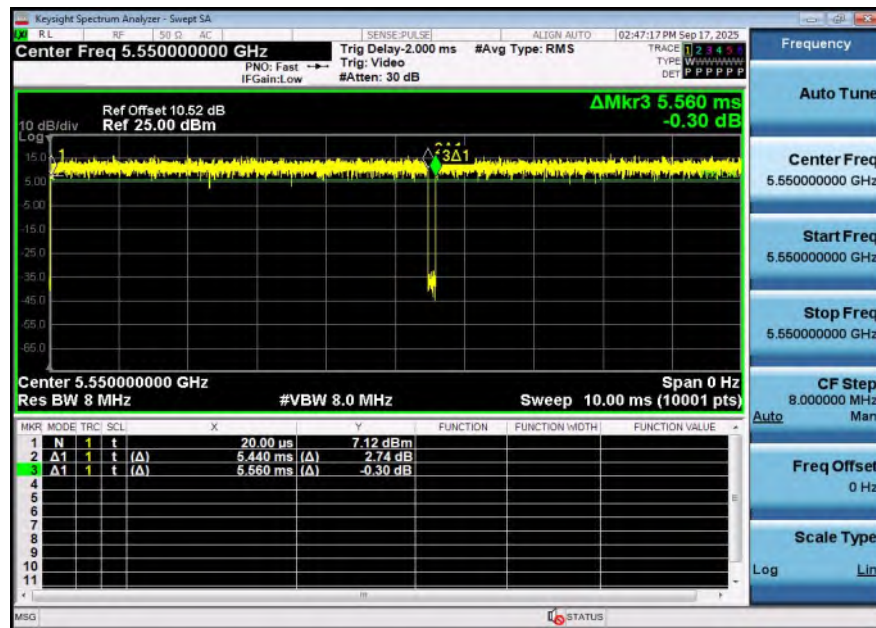


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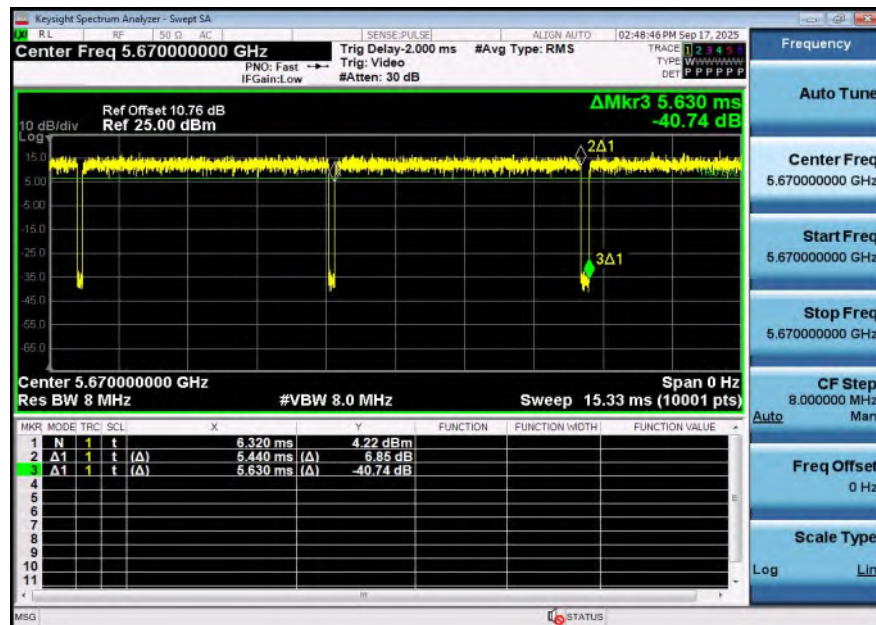


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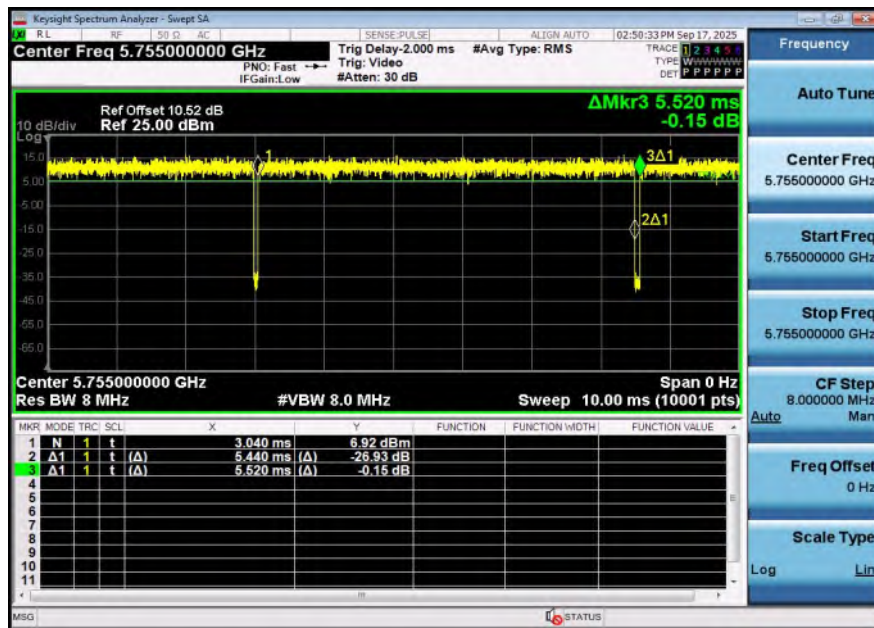
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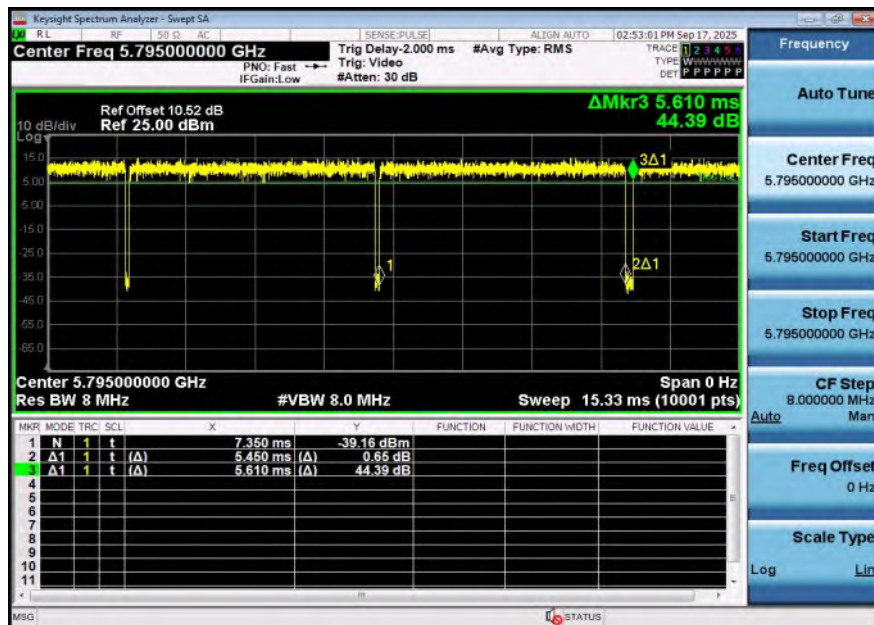
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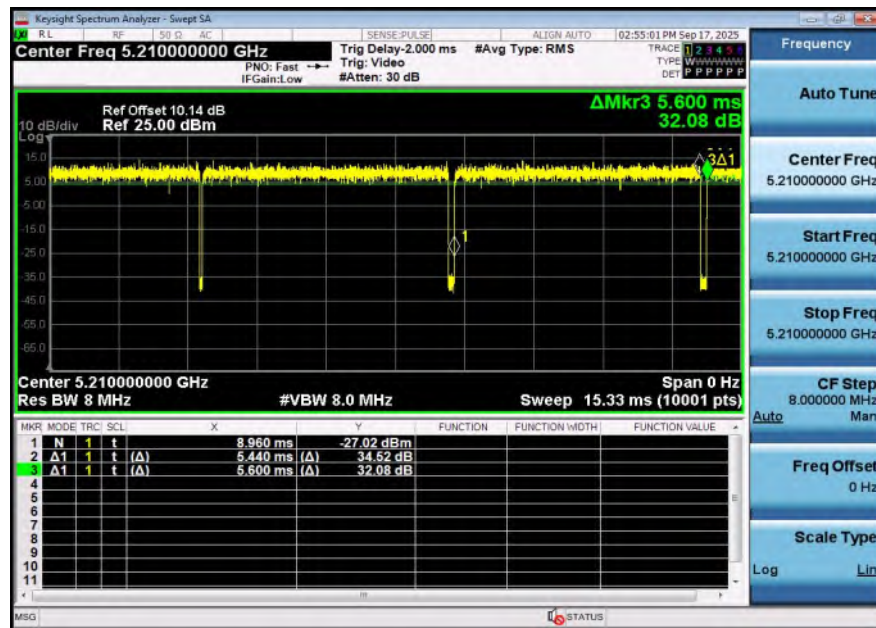
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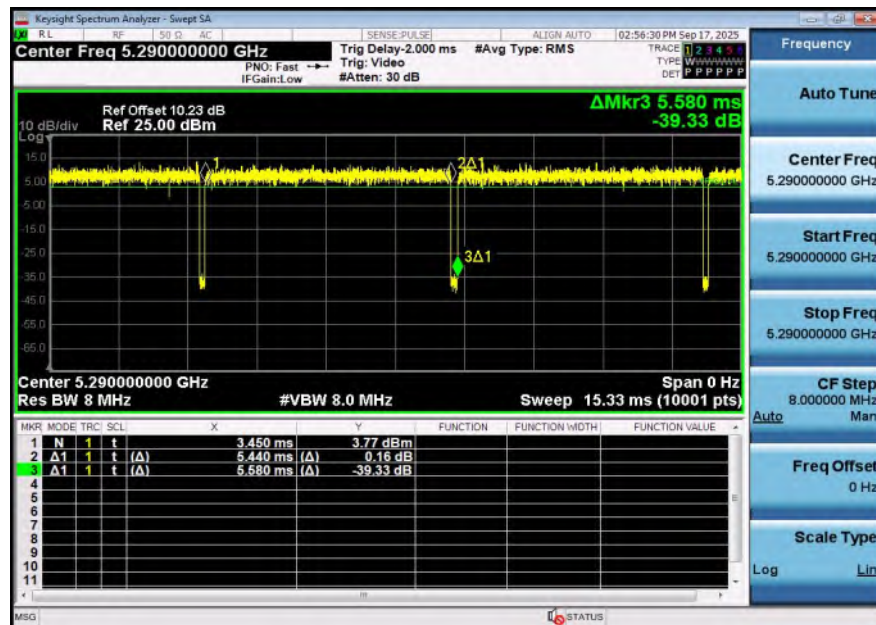
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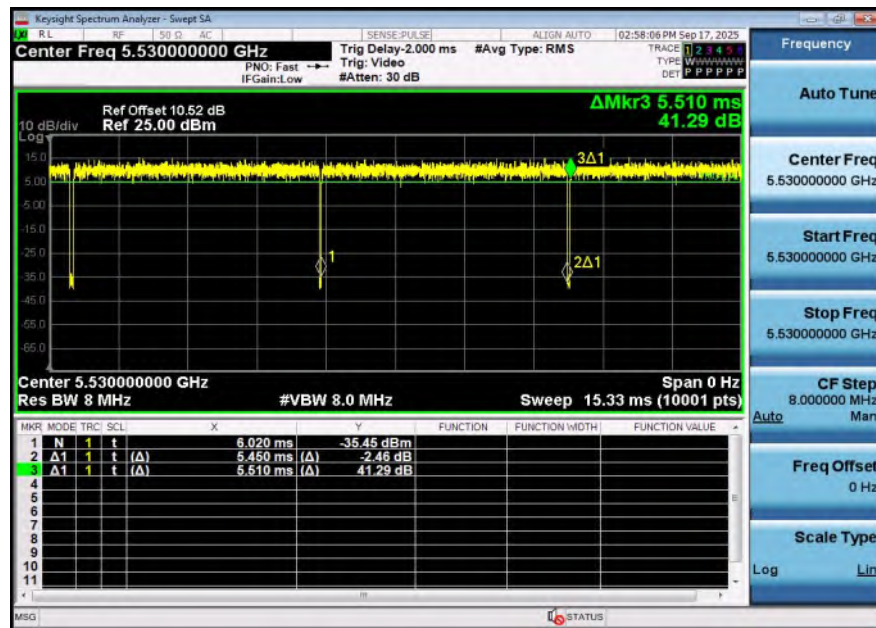
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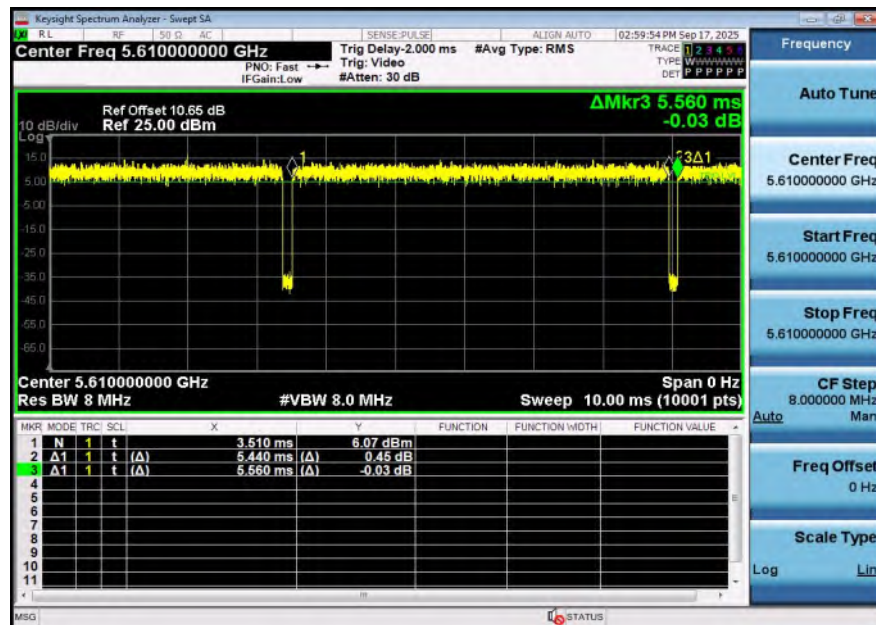
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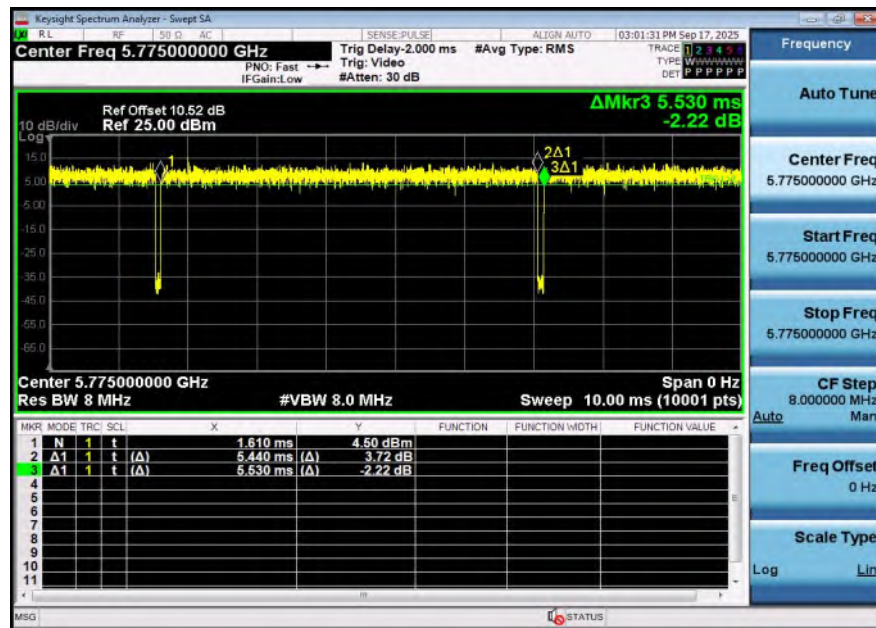
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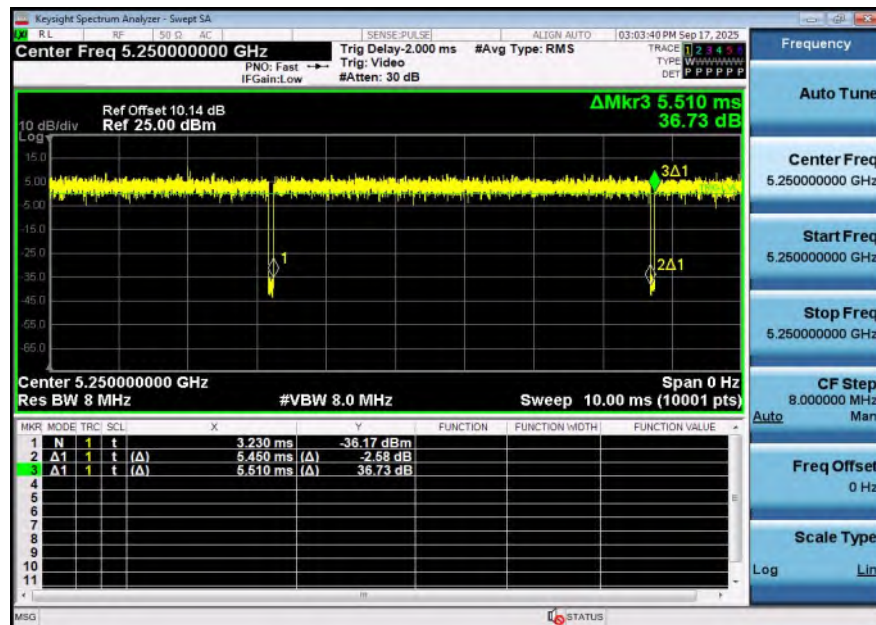
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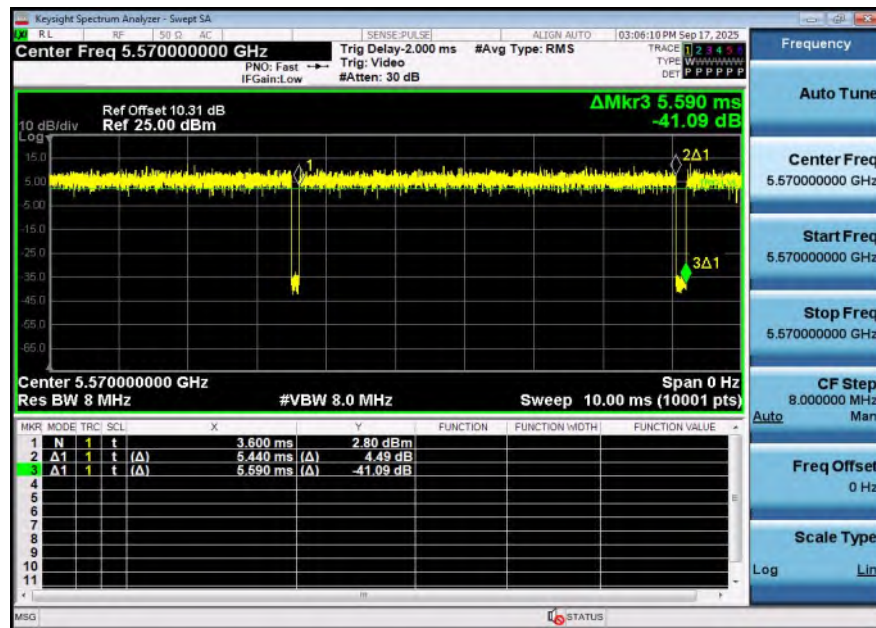
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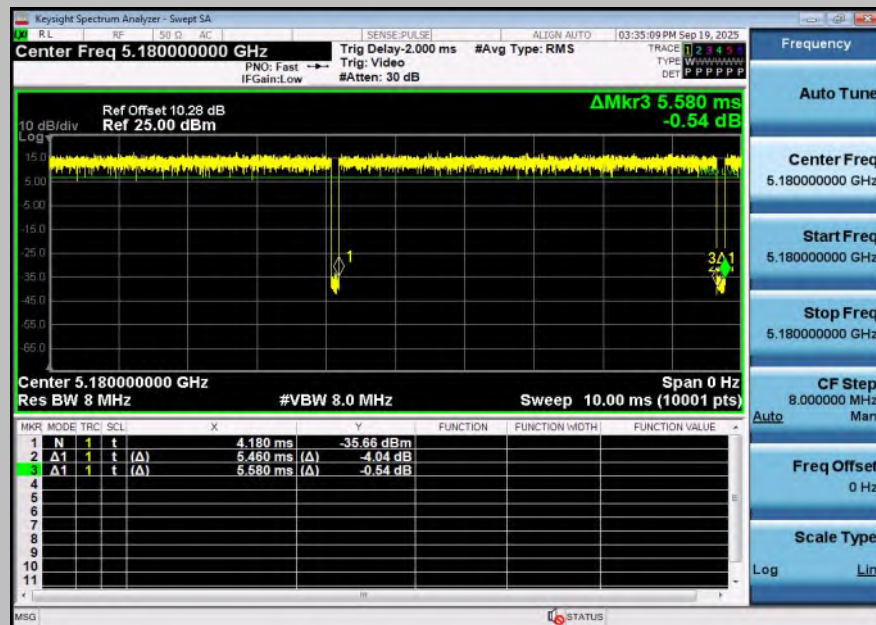
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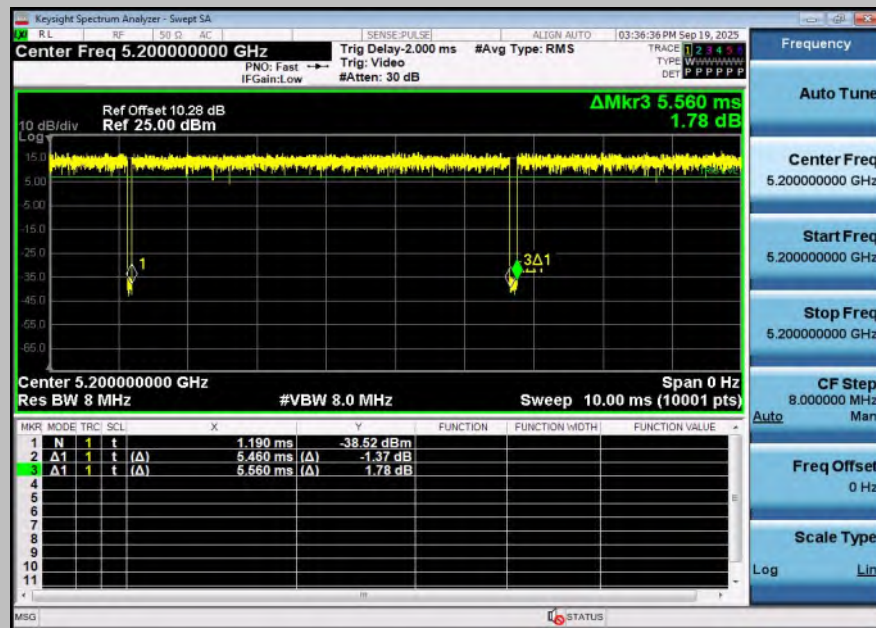
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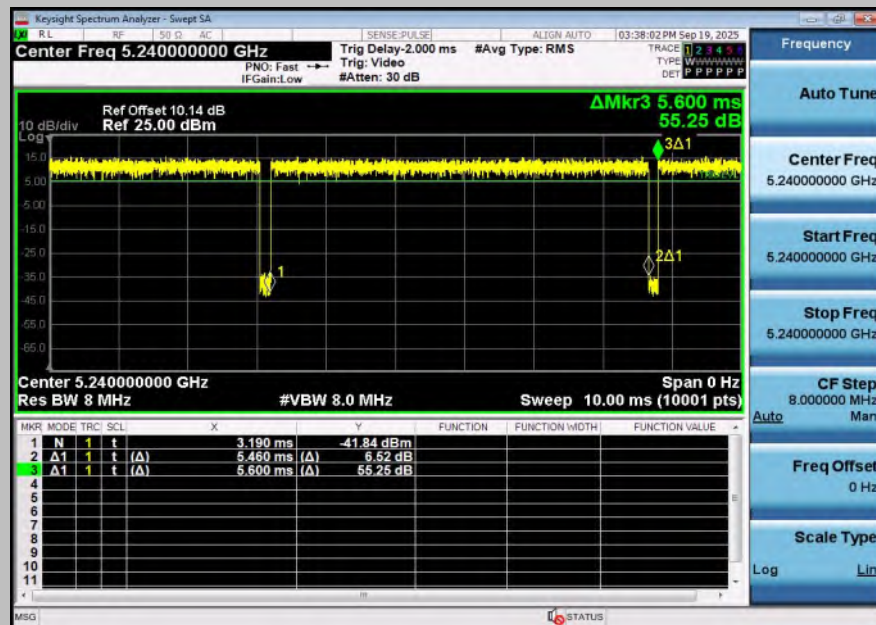
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NTNV-11BE20SISO-Ant2-5200



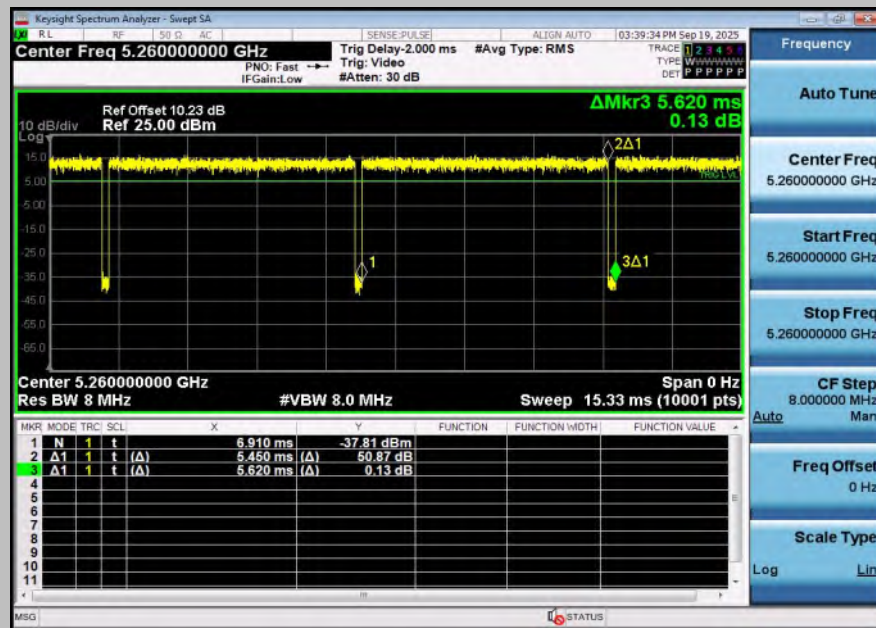
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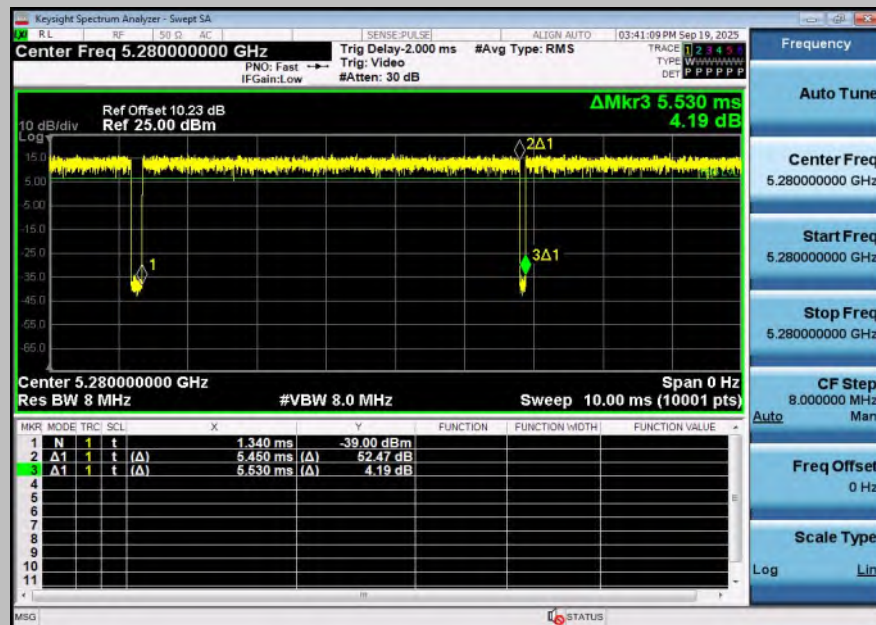
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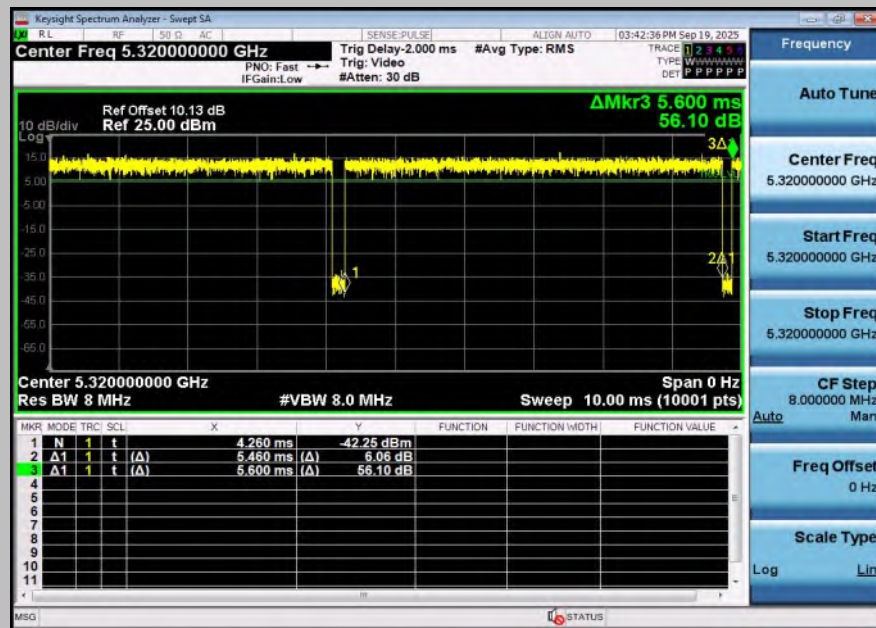
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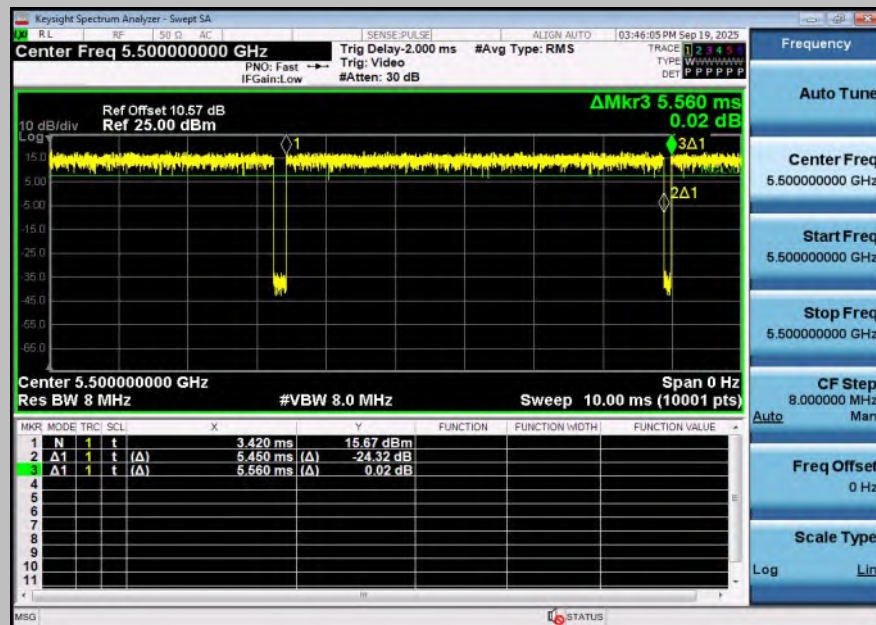
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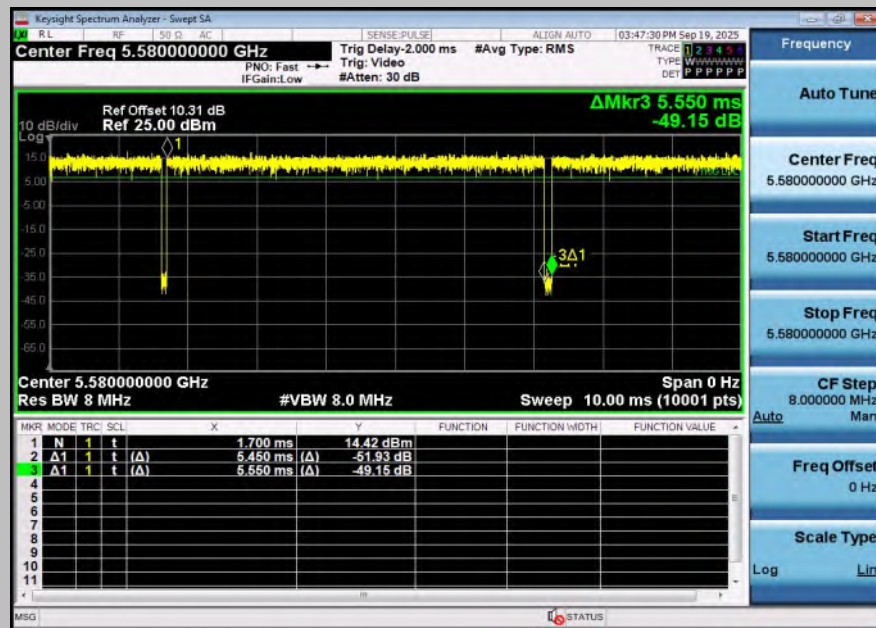
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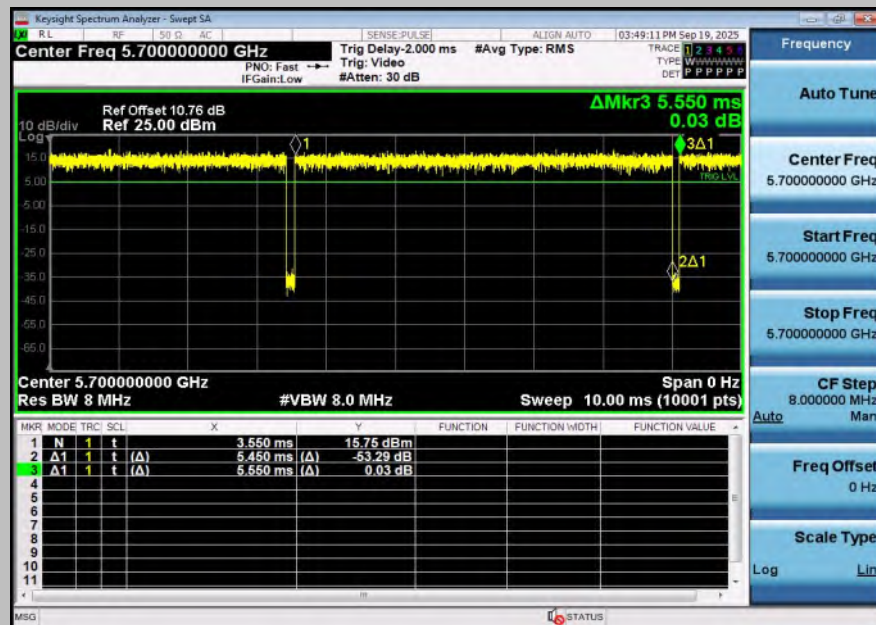
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NTNV-11BE20SISO-Ant2-5580



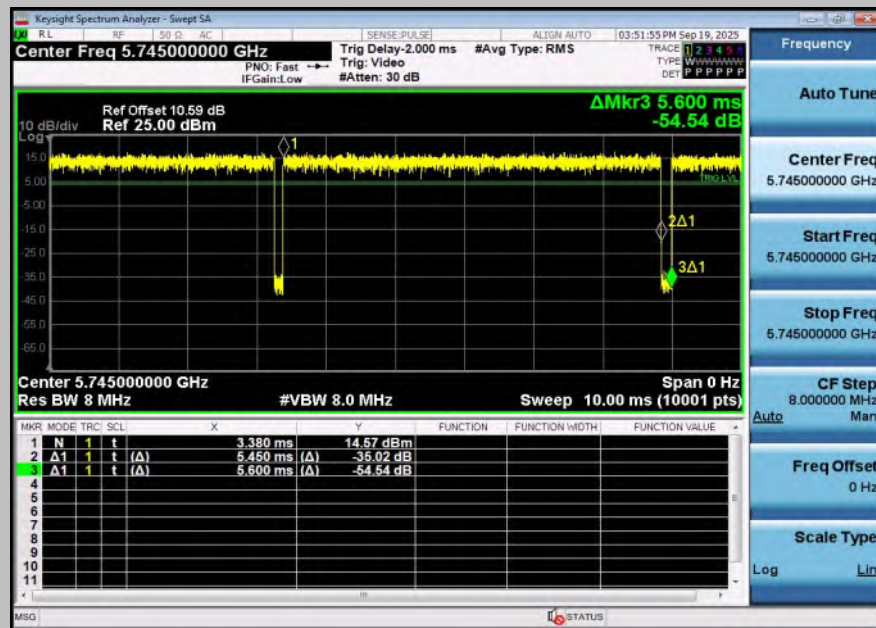
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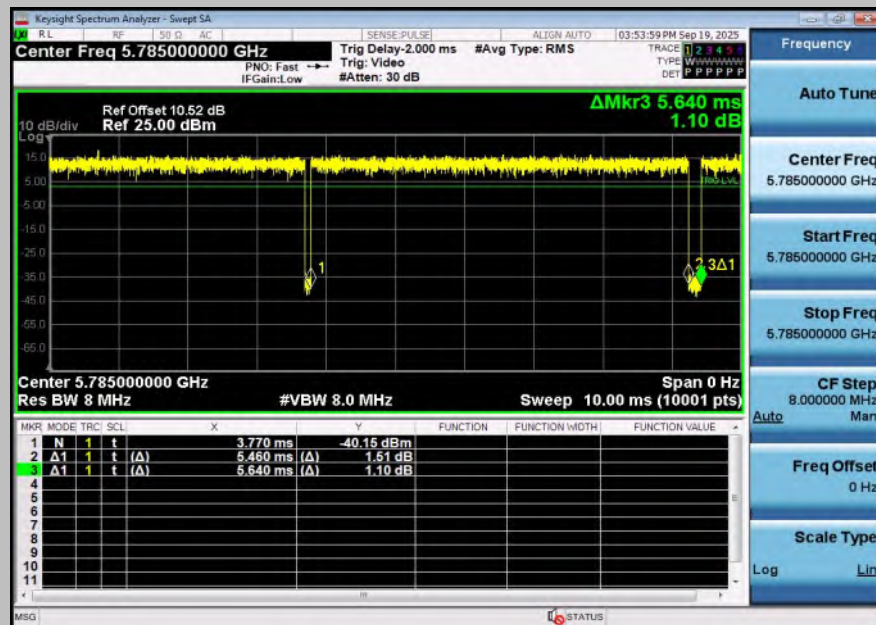
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NTNV-11BE20SISO-Ant2-5745



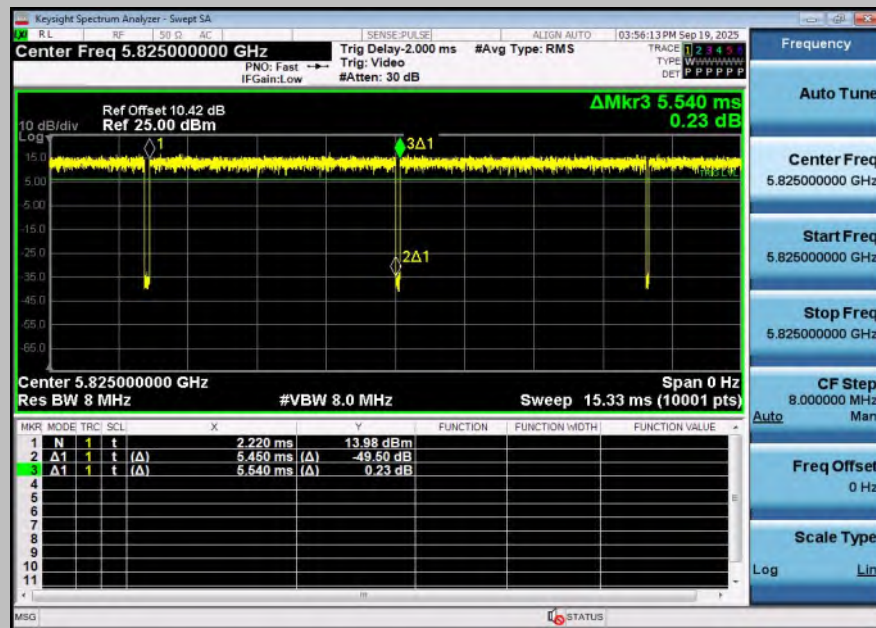
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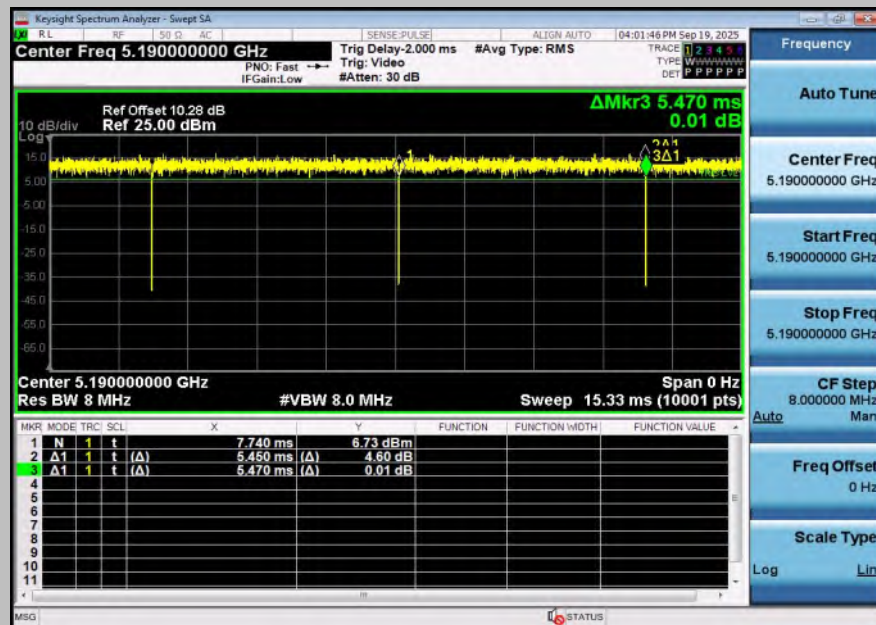
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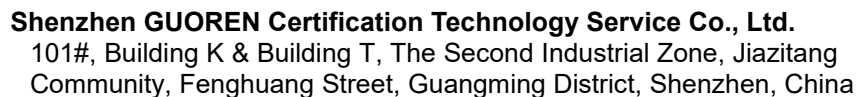
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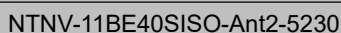
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NTNV-11BE40SISO-Ant2-5190



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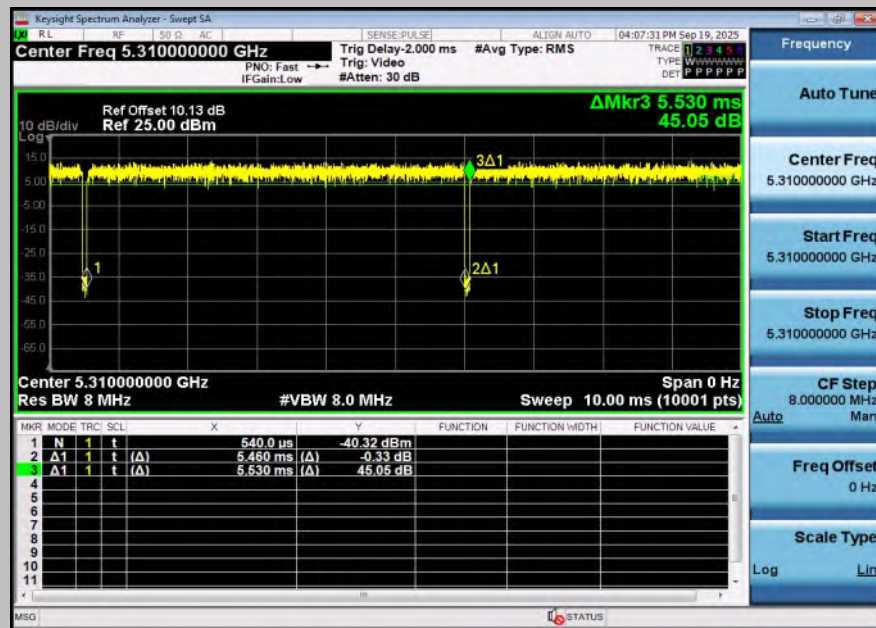




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NTNV-11BE40SISO-Ant2-5310



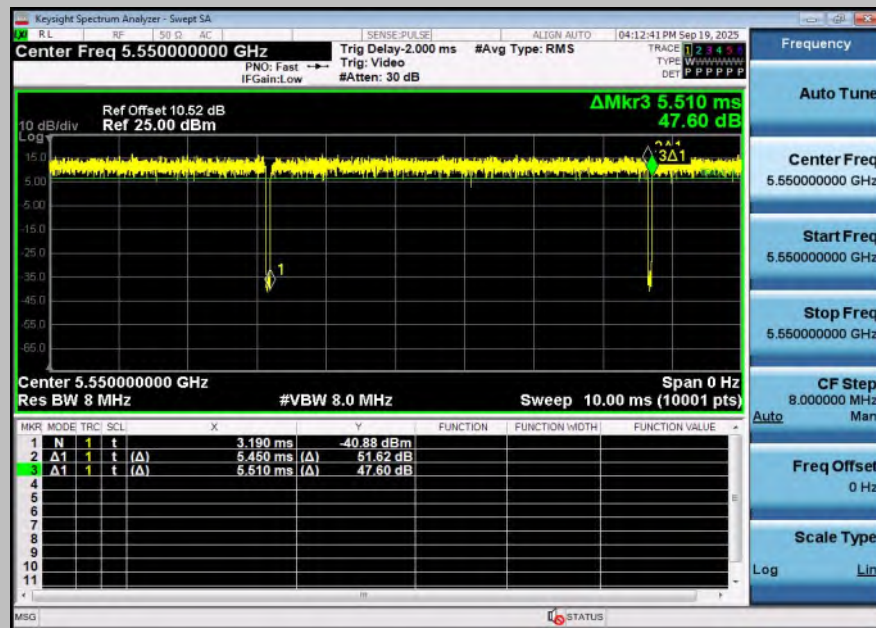
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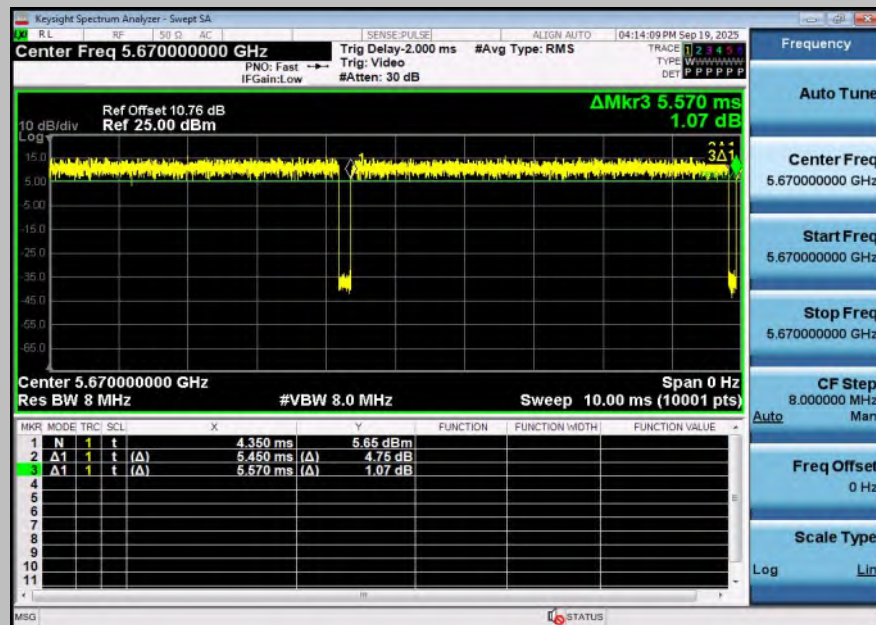
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NTNV-11BE40SISO-Ant2-5550



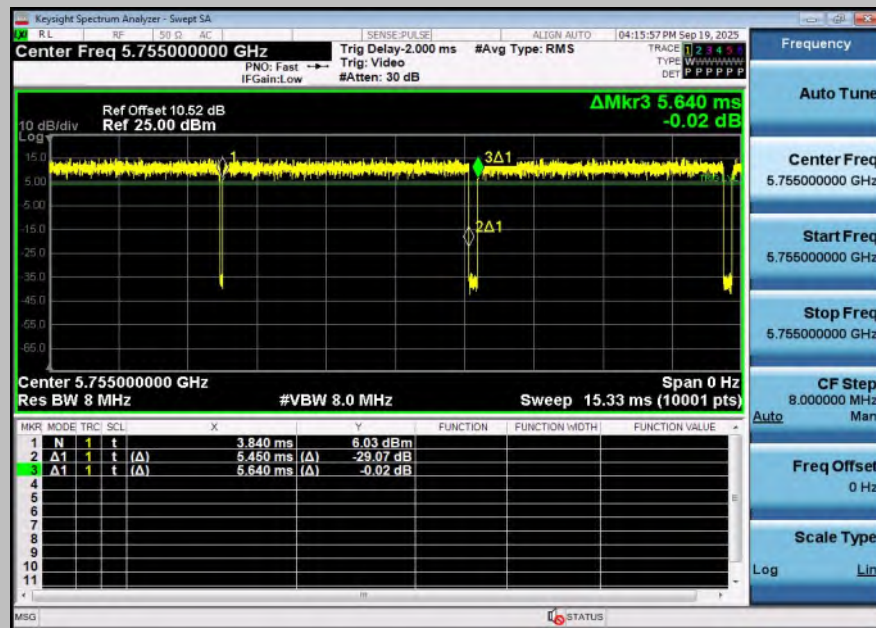
NTNV-11BE40SISO-Ant2-5670



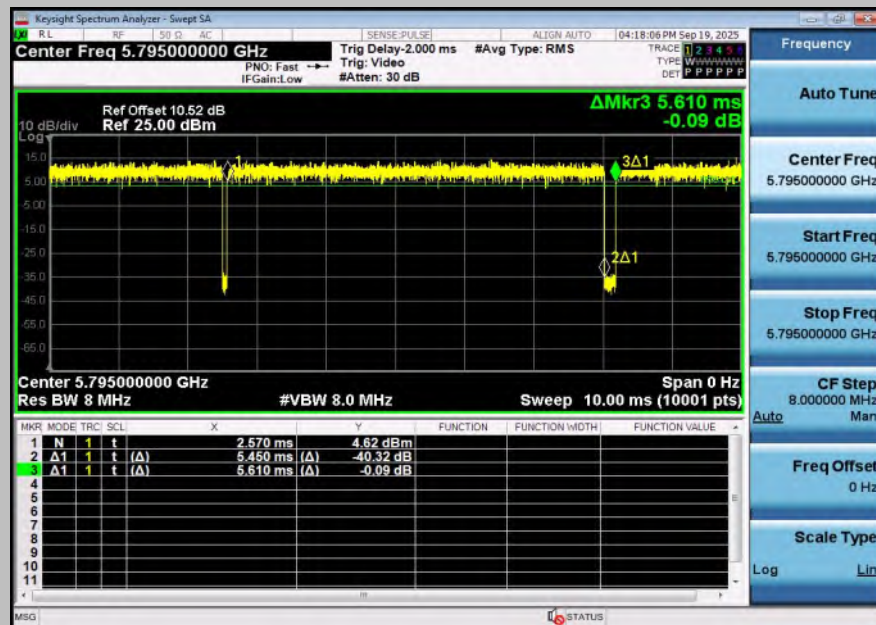
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NTNV-11BE40SISO-Ant2-5755



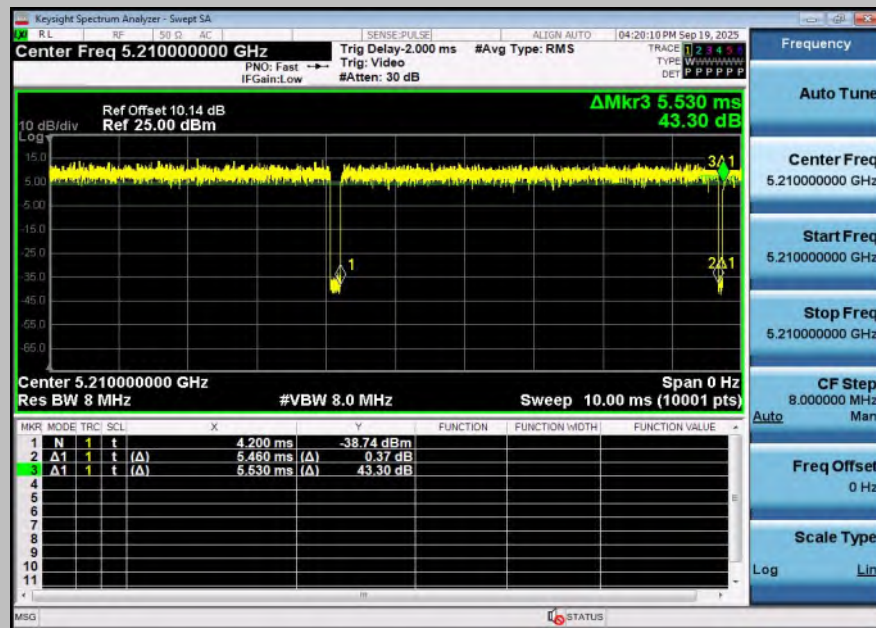
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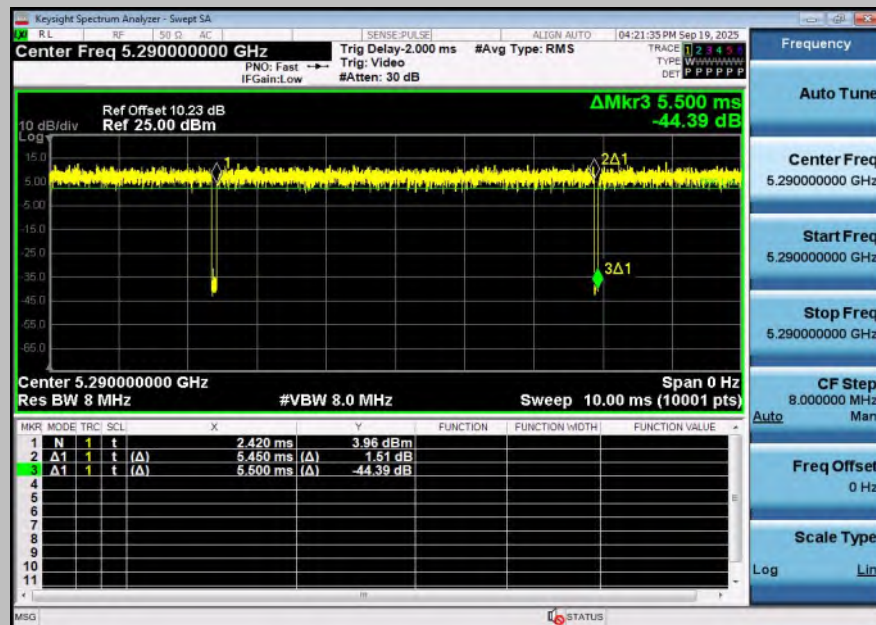
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NTNV-11BE80SISO-Ant2-5210



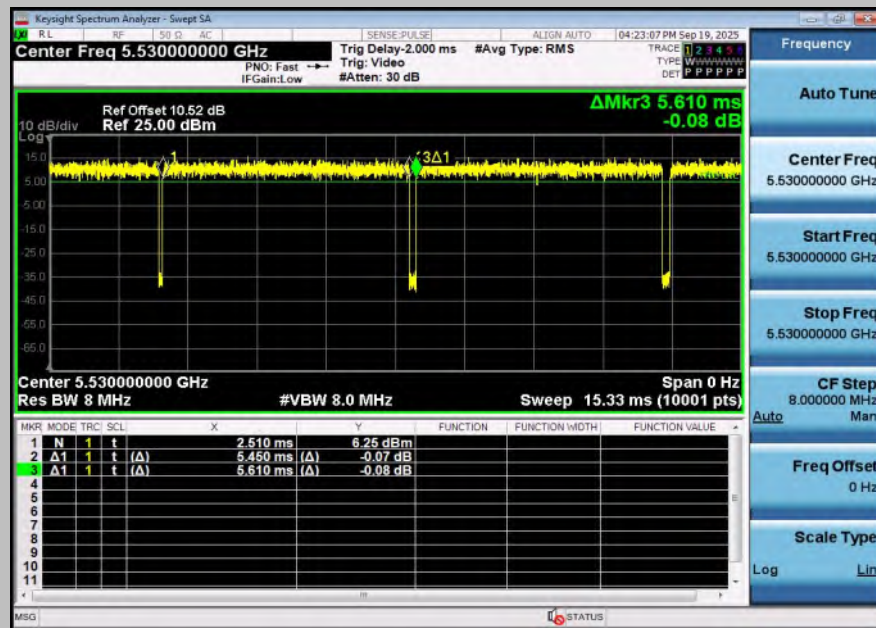
NTNV-11BE80SISO-Ant2-5290



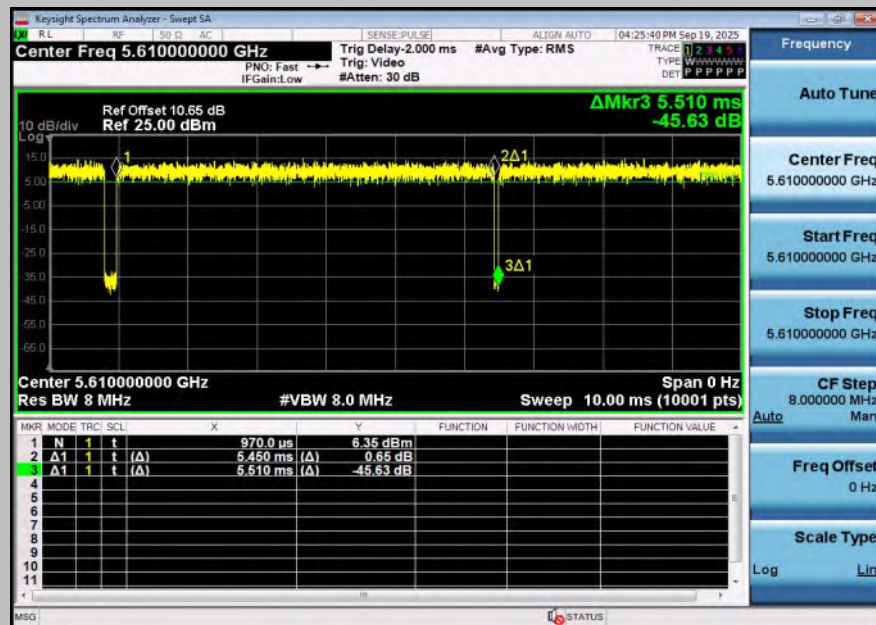
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NTNV-11BE80SISO-Ant2-5530



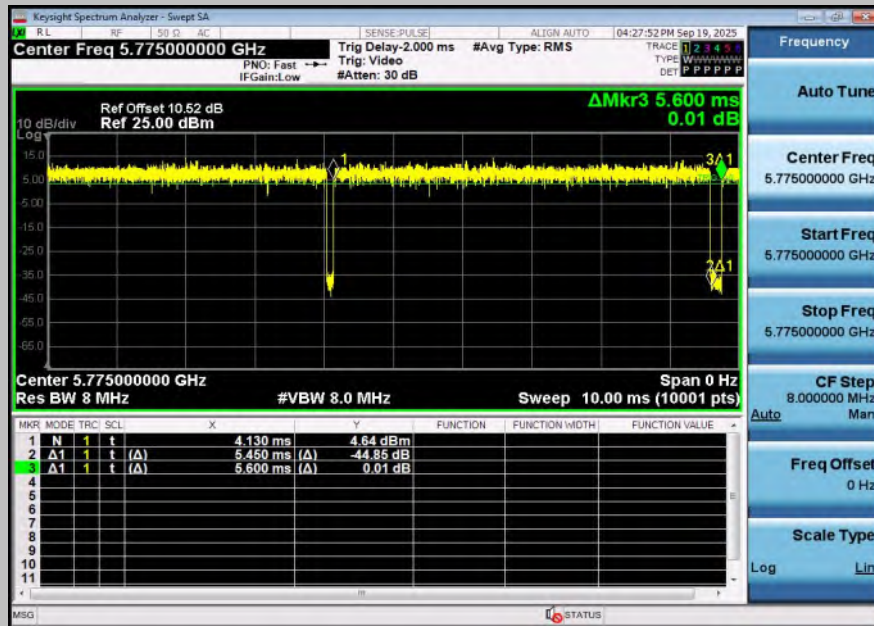
NTNV-11BE80SISO-Ant2-5610



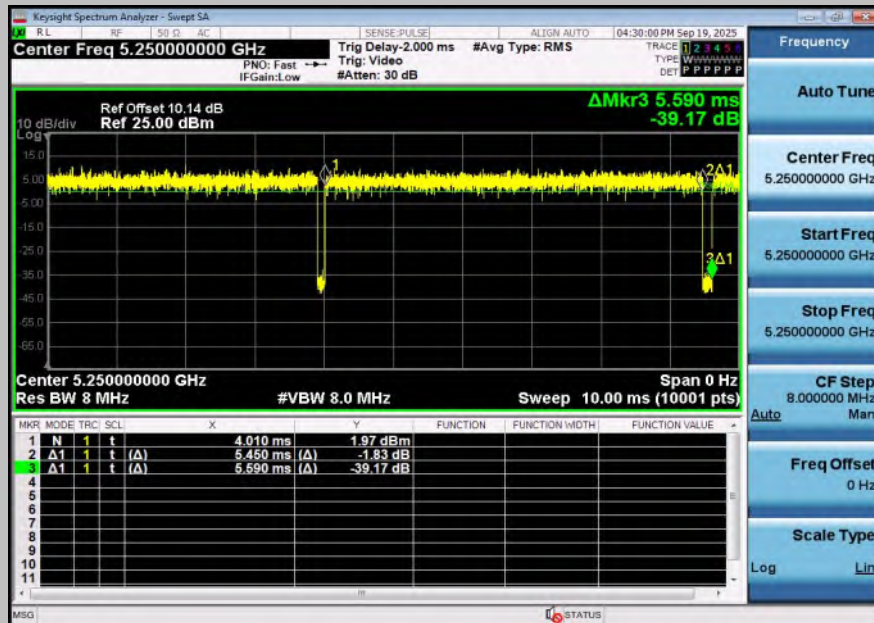
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NTNV-11BE80SISO-Ant2-5775



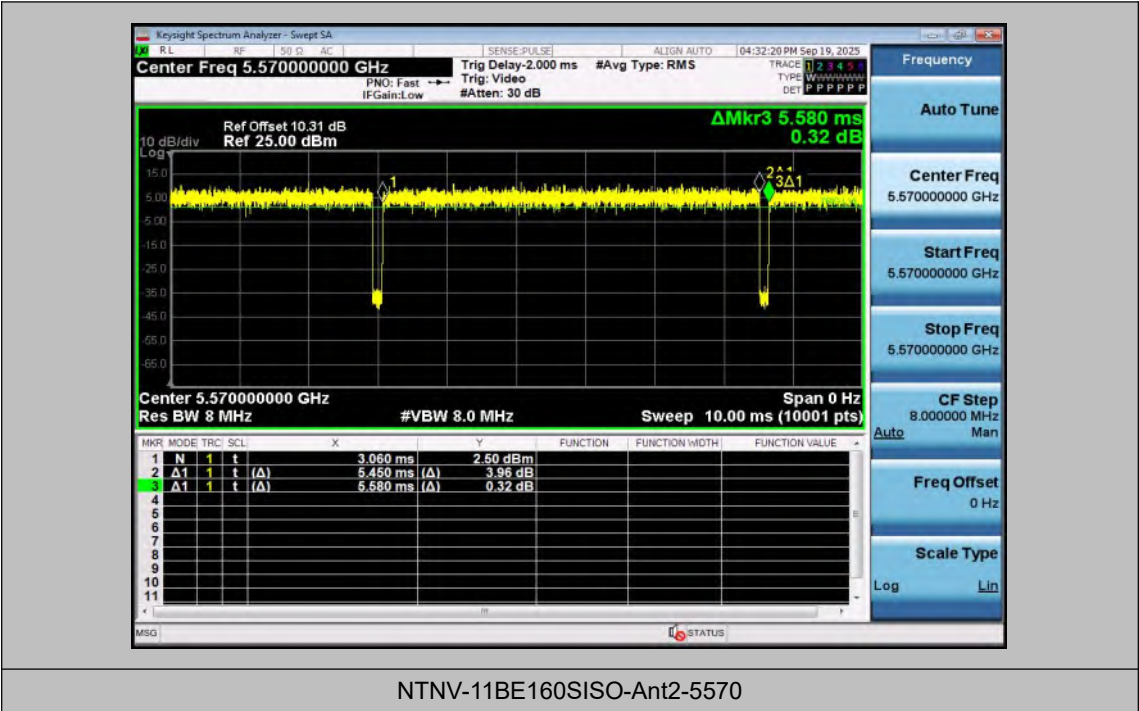
NTNV-11BE160SISO-Ant2-5250



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Appendix C: Maximum average conducted output power

Ant 1

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	12.56	98.99	0.04	12.60	≤23.98	PASS
11A	Ant1	5200	11.47	98.99	0.04	11.51	≤23.98	PASS
11A	Ant1	5240	11.69	99.00	0.04	11.73	≤23.98	PASS
11A	Ant1	5260	12.09	99.50	0.02	12.11	≤23.98	PASS
11A	Ant1	5280	12.78	99.00	0.04	12.82	≤23.98	PASS
11A	Ant1	5320	10.26	98.99	0.04	10.30	≤23.98	PASS
11A	Ant1	5500	12.54	99.50	0.02	12.56	≤23.98	PASS
11A	Ant1	5580	11.24	99.00	0.04	11.28	≤23.98	PASS
11A	Ant1	5700	12.12	99.00	0.04	12.16	≤23.98	PASS
11A	Ant1	5745	11.61	99.00	0.04	11.65	≤30.00	PASS
11A	Ant1	5785	10.85	98.99	0.04	10.89	≤30.00	PASS
11A	Ant1	5825	11.14	99.00	0.04	11.18	≤30.00	PASS
11N20SISO	Ant1	5180	11.36	97.66	0.10	11.46	≤23.98	PASS
11N20SISO	Ant1	5200	11.49	99.09	0.04	11.53	≤23.98	PASS
11N20SISO	Ant1	5240	9.46	98.19	0.08	9.54	≤23.98	PASS
11N20SISO	Ant1	5260	10.37	97.31	0.12	10.49	≤23.98	PASS
11N20SISO	Ant1	5280	11.60	97.48	0.11	11.71	≤23.98	PASS
11N20SISO	Ant1	5320	10.20	96.62	0.15	10.35	≤23.98	PASS
11N20SISO	Ant1	5500	12.48	96.61	0.15	12.63	≤23.98	PASS
11N20SISO	Ant1	5580	11.24	97.66	0.10	11.34	≤23.98	PASS
11N20SISO	Ant1	5700	12.16	99.63	0.02	12.18	≤23.98	PASS
11N20SISO	Ant1	5745	11.56	96.79	0.14	11.70	≤30.00	PASS
11N20SISO	Ant1	5785	10.80	96.79	0.14	10.94	≤30.00	PASS
11N20SISO	Ant1	5825	11.15	98.73	0.06	11.21	≤30.00	PASS
11N40SISO	Ant1	5190	11.74	98.91	0.05	11.79	≤23.98	PASS
11N40SISO	Ant1	5230	9.94	96.79	0.14	10.08	≤23.98	PASS
11N40SISO	Ant1	5270	10.25	98.37	0.07	10.32	≤23.98	PASS
11N40SISO	Ant1	5310	10.26	97.31	0.12	10.38	≤23.98	PASS
11N40SISO	Ant1	5510	13.53	98.55	0.06	13.59	≤23.98	PASS
11N40SISO	Ant1	5550	12.86	97.66	0.10	12.96	≤23.98	PASS
11N40SISO	Ant1	5670	12.07	99.63	0.02	12.09	≤23.98	PASS
11N40SISO	Ant1	5755	11.63	98.19	0.08	11.71	≤30.00	PASS



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11N40SISO	Ant1	5795	10.85	97.31	0.12	10.97	≤30.00	PASS
11AC20SISO	Ant1	5180	11.36	98.55	0.06	11.42	≤23.98	PASS
11AC20SISO	Ant1	5200	11.49	97.31	0.12	11.61	≤23.98	PASS
11AC20SISO	Ant1	5240	10.23	98.01	0.09	10.32	≤23.98	PASS
11AC20SISO	Ant1	5260	10.82	98.55	0.06	10.88	≤23.98	PASS
11AC20SISO	Ant1	5280	11.64	97.84	0.09	11.73	≤23.98	PASS
11AC20SISO	Ant1	5320	10.26	98.91	0.05	10.31	≤23.98	PASS
11AC20SISO	Ant1	5500	12.57	98.37	0.07	12.64	≤23.98	PASS
11AC20SISO	Ant1	5580	11.27	97.66	0.10	11.37	≤23.98	PASS
11AC20SISO	Ant1	5700	12.06	97.13	0.13	12.19	≤23.98	PASS
11AC20SISO	Ant1	5745	11.55	97.66	0.10	11.65	≤30.00	PASS
11AC20SISO	Ant1	5785	10.80	98.55	0.06	10.86	≤30.00	PASS
11AC20SISO	Ant1	5825	11.09	97.14	0.13	11.22	≤30.00	PASS
11AC40SISO	Ant1	5190	11.63	98.37	0.07	11.70	≤23.98	PASS
11AC40SISO	Ant1	5230	11.17	98.01	0.09	11.26	≤23.98	PASS
11AC40SISO	Ant1	5270	11.36	97.14	0.13	11.49	≤23.98	PASS
11AC40SISO	Ant1	5310	10.18	97.13	0.13	10.31	≤23.98	PASS
11AC40SISO	Ant1	5510	12.49	97.31	0.12	12.61	≤23.98	PASS
11AC40SISO	Ant1	5550	12.13	97.31	0.12	12.25	≤23.98	PASS
11AC40SISO	Ant1	5670	12.00	96.79	0.14	12.14	≤23.98	PASS
11AC40SISO	Ant1	5755	12.41	97.49	0.11	12.52	≤30.00	PASS
11AC40SISO	Ant1	5795	11.51	98.55	0.06	11.57	≤30.00	PASS
11AC80SISO	Ant1	5210	11.58	97.31	0.12	11.70	≤23.98	PASS
11AC80SISO	Ant1	5290	10.49	97.14	0.13	10.62	≤23.98	PASS
11AC80SISO	Ant1	5530	12.05	97.66	0.10	12.15	≤23.98	PASS
11AC80SISO	Ant1	5610	11.97	97.49	0.11	12.08	≤23.98	PASS
11AC80SISO	Ant1	5775	10.93	97.49	0.11	11.04	≤30.00	PASS
11AX20SISO	Ant1	5180	11.25	97.50	0.11	11.36	≤23.98	PASS
11AX20SISO	Ant1	5200	11.37	98.20	0.08	11.45	≤23.98	PASS
11AX20SISO	Ant1	5240	10.66	97.14	0.13	10.79	≤23.98	PASS
11AX20SISO	Ant1	5260	10.83	96.80	0.14	10.97	≤23.98	PASS
11AX20SISO	Ant1	5280	11.64	96.80	0.14	11.78	≤23.98	PASS
11AX20SISO	Ant1	5320	10.40	96.97	0.13	10.53	≤23.98	PASS
11AX20SISO	Ant1	5500	12.50	98.20	0.08	12.58	≤23.98	PASS
11AX20SISO	Ant1	5580	11.20	98.55	0.06	11.26	≤23.98	PASS
11AX20SISO	Ant1	5700	12.13	96.97	0.13	12.26	≤23.98	PASS
11AX20SISO	Ant1	5745	11.63	98.91	0.05	11.68	≤30.00	PASS
11AX20SISO	Ant1	5785	10.99	97.85	0.09	11.08	≤30.00	PASS
11AX20SISO	Ant1	5825	11.34	97.50	0.11	11.45	≤30.00	PASS
11AX40SISO	Ant1	5190	11.50	98.91	0.05	11.55	≤23.98	PASS



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11AX40SISO	Ant1	5230	10.88	98.73	0.06	10.94	≤23.98	PASS
11AX40SISO	Ant1	5270	11.19	96.63	0.15	11.34	≤23.98	PASS
11AX40SISO	Ant1	5310	10.13	96.80	0.14	10.27	≤23.98	PASS
11AX40SISO	Ant1	5510	12.37	97.67	0.10	12.47	≤23.98	PASS
11AX40SISO	Ant1	5550	11.98	96.63	0.15	12.13	≤23.98	PASS
11AX40SISO	Ant1	5670	11.78	98.55	0.06	11.84	≤23.98	PASS
11AX40SISO	Ant1	5755	11.48	96.80	0.14	11.62	≤30.00	PASS
11AX40SISO	Ant1	5795	10.83	99.09	0.04	10.87	≤30.00	PASS
11AX80SISO	Ant1	5210	10.55	98.02	0.09	10.64	≤23.98	PASS
11AX80SISO	Ant1	5290	9.45	96.80	0.14	9.59	≤23.98	PASS
11AX80SISO	Ant1	5530	12.08	96.80	0.14	12.22	≤23.98	PASS
11AX80SISO	Ant1	5610	11.91	96.98	0.13	12.04	≤23.98	PASS
11AX80SISO	Ant1	5775	10.79	98.20	0.08	10.87	≤30.00	PASS
11AX160SISO	Ant1	5250_UNII-1	10.86	98.91	0.05	10.91	≤23.98	PASS
11AX160SISO	Ant1	5250_UNII-2A	9.06	98.91	0.05	9.11	≤23.98	PASS
11AX160SISO	Ant1	5570	12.13	96.80	0.14	12.27	≤23.98	PASS
11BE20SISO	Ant1	5180	11.70	98.20	0.08	11.78	≤23.98	PASS
11BE20SISO	Ant1	5200	12.99	97.33	0.12	13.11	≤23.98	PASS
11BE20SISO	Ant1	5240	10.99	98.91	0.05	11.04	≤23.98	PASS
11BE20SISO	Ant1	5260	11.20	96.80	0.14	11.34	≤23.98	PASS
11BE20SISO	Ant1	5280	11.83	97.32	0.12	11.95	≤23.98	PASS
11BE20SISO	Ant1	5320	10.44	96.80	0.14	10.58	≤23.98	PASS
11BE20SISO	Ant1	5500	12.62	98.02	0.09	12.71	≤23.98	PASS
11BE20SISO	Ant1	5580	11.41	97.15	0.13	11.54	≤23.98	PASS
11BE20SISO	Ant1	5700	12.33	97.15	0.13	12.46	≤23.98	PASS
11BE20SISO	Ant1	5745	11.79	96.81	0.14	11.93	≤30.00	PASS
11BE20SISO	Ant1	5785	11.10	98.20	0.08	11.18	≤30.00	PASS
11BE20SISO	Ant1	5825	11.21	97.32	0.12	11.33	≤30.00	PASS
11BE40SISO	Ant1	5190	11.94	97.50	0.11	12.05	≤23.98	PASS
11BE40SISO	Ant1	5230	10.02	97.85	0.09	10.11	≤23.98	PASS
11BE40SISO	Ant1	5270	10.31	97.67	0.10	10.41	≤23.98	PASS
11BE40SISO	Ant1	5310	11.40	98.02	0.09	11.49	≤23.98	PASS
11BE40SISO	Ant1	5510	12.62	97.15	0.13	12.75	≤23.98	PASS
11BE40SISO	Ant1	5550	12.34	98.73	0.06	12.40	≤23.98	PASS
11BE40SISO	Ant1	5670	12.06	97.85	0.09	12.15	≤23.98	PASS
11BE40SISO	Ant1	5755	11.65	98.73	0.06	11.71	≤30.00	PASS
11BE40SISO	Ant1	5795	10.91	96.98	0.13	11.04	≤30.00	PASS
11BE80SISO	Ant1	5210	10.67	97.32	0.12	10.79	≤23.98	PASS
11BE80SISO	Ant1	5290	10.79	97.33	0.12	10.91	≤23.98	PASS
11BE80SISO	Ant1	5530	13.50	96.80	0.14	13.64	≤23.98	PASS



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11BE80SISO	Ant1	5610	12.29	98.02	0.09	12.38	≤23.98	PASS
11BE80SISO	Ant1	5775	10.80	96.98	0.13	10.93	≤30.00	PASS
11BE160SISO	Ant1	5250_UNII-1	12.05	98.73	0.06	12.11	≤23.98	PASS
11BE160SISO	Ant1	5250_UNII-2A	10.38	98.73	0.06	10.44	≤23.98	PASS
11BE160SISO	Ant1	5570	12.54	96.80	0.14	12.68	≤23.98	PASS



Ant 2

Test Result Channel Power

Test Mode	Antenna	Frequency[MHz]	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant2	5180	12.79	98.99	0.04	12.83	≤23.98	PASS
11A	Ant2	5200	12.97	98.99	0.04	13.01	≤23.98	PASS
11A	Ant2	5240	11.32	99.00	0.04	11.36	≤23.98	PASS
11A	Ant2	5260	11.81	99.00	0.04	11.85	≤23.98	PASS
11A	Ant2	5280	12.45	99.00	0.04	12.49	≤23.98	PASS
11A	Ant2	5320	12.01	99.00	0.04	12.05	≤23.98	PASS
11A	Ant2	5500	12.55	98.99	0.04	12.59	≤23.98	PASS
11A	Ant2	5580	11.42	99.00	0.04	11.46	≤23.98	PASS
11A	Ant2	5700	12.48	99.50	0.02	12.50	≤23.98	PASS
11A	Ant2	5745	11.98	98.99	0.04	12.02	≤30.00	PASS
11A	Ant2	5785	11.16	99.50	0.02	11.18	≤30.00	PASS
11A	Ant2	5825	11.29	98.99	0.04	11.33	≤30.00	PASS
11N20SISO	Ant2	5180	11.65	98.55	0.06	11.71	≤23.98	PASS
11N20SISO	Ant2	5200	11.86	98.91	0.05	11.91	≤23.98	PASS
11N20SISO	Ant2	5240	11.35	98.55	0.06	11.41	≤23.98	PASS
11N20SISO	Ant2	5260	11.81	97.66	0.10	11.91	≤23.98	PASS
11N20SISO	Ant2	5280	12.45	96.62	0.15	12.60	≤23.98	PASS
11N20SISO	Ant2	5320	10.81	97.49	0.11	10.92	≤23.98	PASS
11N20SISO	Ant2	5500	12.56	97.49	0.11	12.67	≤23.98	PASS
11N20SISO	Ant2	5580	11.48	96.79	0.14	11.62	≤23.98	PASS
11N20SISO	Ant2	5700	12.52	98.37	0.07	12.59	≤23.98	PASS
11N20SISO	Ant2	5745	11.99	98.01	0.09	12.08	≤30.00	PASS
11N20SISO	Ant2	5785	11.15	98.01	0.09	11.24	≤30.00	PASS
11N20SISO	Ant2	5825	11.27	97.66	0.10	11.37	≤30.00	PASS
11N40SISO	Ant2	5190	11.94	98.01	0.09	12.03	≤23.98	PASS
11N40SISO	Ant2	5230	10.60	97.49	0.11	10.71	≤23.98	PASS
11N40SISO	Ant2	5270	11.10	97.13	0.13	11.23	≤23.98	PASS
11N40SISO	Ant2	5310	10.10	96.79	0.14	10.24	≤23.98	PASS
11N40SISO	Ant2	5510	12.72	97.14	0.13	12.85	≤23.98	PASS
11N40SISO	Ant2	5550	12.43	97.14	0.13	12.56	≤23.98	PASS
11N40SISO	Ant2	5670	12.51	97.83	0.10	12.61	≤23.98	PASS
11N40SISO	Ant2	5755	12.03	99.09	0.04	12.07	≤30.00	PASS
11N40SISO	Ant2	5795	11.13	97.84	0.09	11.22	≤30.00	PASS
11AC20SISO	Ant2	5180	11.64	98.73	0.06	11.70	≤23.98	PASS



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11AC20SISO	Ant2	5200	11.85	98.55	0.06	11.91	≤23.98	PASS
11AC20SISO	Ant2	5240	10.14	97.31	0.12	10.26	≤23.98	PASS
11AC20SISO	Ant2	5260	11.81	98.17	0.08	11.89	≤23.98	PASS
11AC20SISO	Ant2	5280	12.39	97.49	0.11	12.50	≤23.98	PASS
11AC20SISO	Ant2	5320	10.78	98.37	0.07	10.85	≤23.98	PASS
11AC20SISO	Ant2	5500	12.55	99.09	0.04	12.59	≤23.98	PASS
11AC20SISO	Ant2	5580	11.43	97.14	0.13	11.56	≤23.98	PASS
11AC20SISO	Ant2	5700	12.56	96.96	0.13	12.69	≤23.98	PASS
11AC20SISO	Ant2	5745	11.98	96.62	0.15	12.13	≤30.00	PASS
11AC20SISO	Ant2	5785	11.22	98.01	0.09	11.31	≤30.00	PASS
11AC20SISO	Ant2	5825	11.26	98.73	0.06	11.32	≤30.00	PASS
11AC40SISO	Ant2	5190	11.97	98.37	0.07	12.04	≤23.98	PASS
11AC40SISO	Ant2	5230	10.76	98.91	0.05	10.81	≤23.98	PASS
11AC40SISO	Ant2	5270	11.21	98.01	0.09	11.30	≤23.98	PASS
11AC40SISO	Ant2	5310	10.19	97.84	0.09	10.28	≤23.98	PASS
11AC40SISO	Ant2	5510	12.68	97.49	0.11	12.79	≤23.98	PASS
11AC40SISO	Ant2	5550	12.40	97.84	0.09	12.49	≤23.98	PASS
11AC40SISO	Ant2	5670	12.47	97.31	0.12	12.59	≤23.98	PASS
11AC40SISO	Ant2	5755	12.17	98.55	0.06	12.23	≤30.00	PASS
11AC40SISO	Ant2	5795	11.22	97.49	0.11	11.33	≤30.00	PASS
11AC80SISO	Ant2	5210	11.37	96.79	0.14	11.51	≤23.98	PASS
11AC80SISO	Ant2	5290	10.53	96.62	0.15	10.68	≤23.98	PASS
11AC80SISO	Ant2	5530	12.48	97.48	0.11	12.59	≤23.98	PASS
11AC80SISO	Ant2	5610	12.25	98.73	0.06	12.31	≤23.98	PASS
11AC80SISO	Ant2	5775	11.18	97.84	0.09	11.27	≤30.00	PASS
11AX20SISO	Ant2	5180	11.83	98.20	0.08	11.91	≤23.98	PASS
11AX20SISO	Ant2	5200	11.97	98.38	0.07	12.04	≤23.98	PASS
11AX20SISO	Ant2	5240	10.28	98.55	0.06	10.34	≤23.98	PASS
11AX20SISO	Ant2	5260	10.86	98.02	0.09	10.95	≤23.98	PASS
11AX20SISO	Ant2	5280	11.43	97.67	0.10	11.53	≤23.98	PASS
11AX20SISO	Ant2	5320	9.95	97.67	0.10	10.05	≤23.98	PASS
11AX20SISO	Ant2	5500	12.81	98.20	0.08	12.89	≤23.98	PASS
11AX20SISO	Ant2	5580	11.68	97.50	0.11	11.79	≤23.98	PASS
11AX20SISO	Ant2	5700	12.75	96.63	0.15	12.90	≤23.98	PASS
11AX20SISO	Ant2	5745	12.22	99.09	0.04	12.26	≤30.00	PASS
11AX20SISO	Ant2	5785	11.39	97.49	0.11	11.50	≤30.00	PASS
11AX20SISO	Ant2	5825	11.49	97.67	0.10	11.59	≤30.00	PASS
11AX40SISO	Ant2	5190	12.02	97.49	0.11	12.13	≤23.98	PASS
11AX40SISO	Ant2	5230	10.80	96.80	0.14	10.94	≤23.98	PASS
11AX40SISO	Ant2	5270	11.21	98.55	0.06	11.27	≤23.98	PASS



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11AX40SISO	Ant2	5310	10.09	96.98	0.13	10.22	≤23.98	PASS
11AX40SISO	Ant2	5510	12.68	96.80	0.14	12.82	≤23.98	PASS
11AX40SISO	Ant2	5550	12.37	97.84	0.09	12.46	≤23.98	PASS
11AX40SISO	Ant2	5670	12.43	96.63	0.15	12.58	≤23.98	PASS
11AX40SISO	Ant2	5755	12.04	98.55	0.06	12.10	≤30.00	PASS
11AX40SISO	Ant2	5795	11.14	97.15	0.13	11.27	≤30.00	PASS
11AX80SISO	Ant2	5210	11.33	97.14	0.13	11.46	≤23.98	PASS
11AX80SISO	Ant2	5290	10.45	97.49	0.11	10.56	≤23.98	PASS
11AX80SISO	Ant2	5530	12.44	98.91	0.05	12.49	≤23.98	PASS
11AX80SISO	Ant2	5610	12.21	97.84	0.09	12.30	≤23.98	PASS
11AX80SISO	Ant2	5775	10.99	98.37	0.07	11.06	≤30.00	PASS
11AX160SISO	Ant2	5250_UNII-1	11.65	98.91	0.05	11.70	≤23.98	PASS
11AX160SISO	Ant2	5250_UNII-2A	9.93	98.91	0.05	9.98	≤23.98	PASS
11AX160SISO	Ant2	5570	13.55	97.32	0.12	13.67	≤23.98	PASS
11BE20SISO	Ant2	5180	12.07	97.85	0.09	12.16	≤23.98	PASS
11BE20SISO	Ant2	5200	12.29	98.20	0.08	12.37	≤23.98	PASS
11BE20SISO	Ant2	5240	10.51	97.50	0.11	10.62	≤23.98	PASS
11BE20SISO	Ant2	5260	11.04	96.98	0.13	11.17	≤23.98	PASS
11BE20SISO	Ant2	5280	11.53	98.55	0.06	11.59	≤23.98	PASS
11BE20SISO	Ant2	5320	11.09	97.50	0.11	11.20	≤23.98	PASS
11BE20SISO	Ant2	5500	12.97	98.02	0.09	13.06	≤23.98	PASS
11BE20SISO	Ant2	5580	11.93	98.20	0.08	12.01	≤23.98	PASS
11BE20SISO	Ant2	5700	12.91	98.20	0.08	12.99	≤23.98	PASS
11BE20SISO	Ant2	5745	12.32	97.32	0.12	12.44	≤30.00	PASS
11BE20SISO	Ant2	5785	11.42	96.81	0.14	11.56	≤30.00	PASS
11BE20SISO	Ant2	5825	11.51	98.38	0.07	11.58	≤30.00	PASS
11BE40SISO	Ant2	5190	12.35	99.63	0.02	12.37	≤23.98	PASS
11BE40SISO	Ant2	5230	11.04	98.38	0.07	11.11	≤23.98	PASS
11BE40SISO	Ant2	5270	11.43	97.85	0.09	11.52	≤23.98	PASS
11BE40SISO	Ant2	5310	10.24	98.73	0.06	10.30	≤23.98	PASS
11BE40SISO	Ant2	5510	13.08	97.32	0.12	13.20	≤23.98	PASS
11BE40SISO	Ant2	5550	11.94	98.91	0.05	11.99	≤23.98	PASS
11BE40SISO	Ant2	5670	11.69	97.85	0.09	11.78	≤23.98	PASS
11BE40SISO	Ant2	5755	11.27	96.63	0.15	11.42	≤30.00	PASS
11BE40SISO	Ant2	5795	10.34	97.15	0.13	10.47	≤30.00	PASS
11BE80SISO	Ant2	5210	11.59	98.73	0.06	11.65	≤23.98	PASS
11BE80SISO	Ant2	5290	10.88	99.09	0.04	10.92	≤23.98	PASS
11BE80SISO	Ant2	5530	12.83	97.15	0.13	12.96	≤23.98	PASS
11BE80SISO	Ant2	5610	12.51	98.91	0.05	12.56	≤23.98	PASS
11BE80SISO	Ant2	5775	11.16	97.32	0.12	11.28	≤30.00	PASS



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11BE160SISO	Ant2	5250_UNII-1	10.88	97.50	0.11	10.99	≤23.98	PASS
11BE160SISO	Ant2	5250_UNII-2A	9.35	97.50	0.11	9.46	≤23.98	PASS
11BE160SISO	Ant2	5570	12.90	97.67	0.10	13.00	≤23.98	PASS



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MIMO

Test Mode	Frequency[MHz]	Ant 1 Result [dBm]	Ant 2 Result [dBm]	MIMO Result [dBm]	Limit [dBm]	Verdict
11N20SISO	5180	11.46	11.71	14.60	≤21.78	PASS
11N20SISO	5200	11.53	11.91	14.73	≤21.78	PASS
11N20SISO	5240	9.54	11.41	13.59	≤21.78	PASS
11N20SISO	5260	10.49	11.91	14.27	≤21.78	PASS
11N20SISO	5280	11.71	12.6	15.19	≤21.78	PASS
11N20SISO	5320	10.35	10.92	13.65	≤21.78	PASS
11N20SISO	5500	12.63	12.67	15.66	≤21.78	PASS
11N20SISO	5580	11.34	11.62	14.49	≤21.78	PASS
11N20SISO	5700	12.18	12.59	15.40	≤21.78	PASS
11N20SISO	5745	11.7	12.08	14.90	≤27.8	PASS
11N20SISO	5785	10.94	11.24	14.10	≤27.8	PASS
11N20SISO	5825	11.21	11.37	14.30	≤27.8	PASS
11N40SISO	5190	11.79	12.03	14.92	≤21.78	PASS
11N40SISO	5230	10.08	10.71	13.42	≤21.78	PASS
11N40SISO	5270	10.32	11.23	13.81	≤21.78	PASS
11N40SISO	5310	10.38	10.24	13.32	≤21.78	PASS
11N40SISO	5510	13.59	12.85	16.25	≤21.78	PASS
11N40SISO	5550	12.96	12.56	15.77	≤21.78	PASS
11N40SISO	5670	12.09	12.61	15.37	≤21.78	PASS
11N40SISO	5755	11.71	12.07	14.90	≤27.8	PASS
11N40SISO	5795	10.97	11.22	14.11	≤27.8	PASS
11AC20SISO	5180	11.42	11.7	14.57	≤21.78	PASS
11AC20SISO	5200	11.61	11.91	14.77	≤21.78	PASS
11AC20SISO	5240	10.32	10.26	13.30	≤21.78	PASS
11AC20SISO	5260	10.88	11.89	14.42	≤21.78	PASS
11AC20SISO	5280	11.73	12.5	15.14	≤21.78	PASS
11AC20SISO	5320	10.31	10.85	13.60	≤21.78	PASS
11AC20SISO	5500	12.64	12.59	15.63	≤21.78	PASS
11AC20SISO	5580	11.37	11.56	14.48	≤21.78	PASS
11AC20SISO	5700	12.19	12.69	15.46	≤21.78	PASS
11AC20SISO	5745	11.65	12.13	14.91	≤27.8	PASS
11AC20SISO	5785	10.86	11.31	14.10	≤27.8	PASS
11AC20SISO	5825	11.22	11.32	14.28	≤27.8	PASS
11AC40SISO	5190	11.7	12.04	14.88	≤21.78	PASS
11AC40SISO	5230	11.26	10.81	14.05	≤21.78	PASS
11AC40SISO	5270	11.49	11.3	14.41	≤21.78	PASS



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11AC40SISO	5310	10.31	10.28	13.31	≤21.78	PASS
11AC40SISO	5510	12.61	12.79	15.71	≤21.78	PASS
11AC40SISO	5550	12.25	12.49	15.38	≤21.78	PASS
11AC40SISO	5670	12.14	12.59	15.38	≤21.78	PASS
11AC40SISO	5755	12.52	12.23	15.39	≤27.8	PASS
11AC40SISO	5795	11.57	11.33	14.46	≤27.8	PASS
11AC80SISO	5210	11.7	11.51	14.62	≤21.78	PASS
11AC80SISO	5290	10.62	10.68	13.66	≤21.78	PASS
11AC80SISO	5530	12.15	12.59	15.39	≤21.78	PASS
11AC80SISO	5610	12.08	12.31	15.21	≤21.78	PASS
11AC80SISO	5775	11.04	11.27	14.17	≤27.8	PASS
11AX20SISO	5180	11.36	11.91	14.65	≤21.78	PASS
11AX20SISO	5200	11.45	12.04	14.77	≤21.78	PASS
11AX20SISO	5240	10.79	10.34	13.58	≤21.78	PASS
11AX20SISO	5260	10.97	10.95	13.97	≤21.78	PASS
11AX20SISO	5280	11.78	11.53	14.67	≤21.78	PASS
11AX20SISO	5320	10.53	10.05	13.31	≤21.78	PASS
11AX20SISO	5500	12.58	12.89	15.75	≤21.78	PASS
11AX20SISO	5580	11.26	11.79	14.54	≤21.78	PASS
11AX20SISO	5700	12.26	12.9	15.60	≤21.78	PASS
11AX20SISO	5745	11.68	12.26	14.99	≤27.8	PASS
11AX20SISO	5785	11.08	11.5	14.31	≤27.8	PASS
11AX20SISO	5825	11.45	11.59	14.53	≤27.8	PASS
11AX40SISO	5190	11.55	12.13	14.86	≤21.78	PASS
11AX40SISO	5230	10.94	10.94	13.95	≤21.78	PASS
11AX40SISO	5270	11.34	11.27	14.32	≤21.78	PASS
11AX40SISO	5310	10.27	10.22	13.26	≤21.78	PASS
11AX40SISO	5510	12.47	12.82	15.66	≤21.78	PASS
11AX40SISO	5550	12.13	12.46	15.31	≤21.78	PASS
11AX40SISO	5670	11.84	12.58	15.24	≤21.78	PASS
11AX40SISO	5755	11.62	12.1	14.88	≤27.8	PASS
11AX40SISO	5795	10.87	11.27	14.08	≤27.8	PASS
11AX80SISO	5210	10.64	11.46	14.08	≤21.78	PASS
11AX80SISO	5290	9.59	10.56	13.11	≤21.78	PASS
11AX80SISO	5530	12.22	12.49	15.37	≤21.78	PASS
11AX80SISO	5610	12.04	12.3	15.18	≤21.78	PASS
11AX80SISO	5775	10.87	11.06	13.98	≤27.8	PASS
11AX160SISO	5250_UNII-1	10.91	11.7	14.33	≤21.78	PASS
11AX160SISO	5250_UNII-2A	9.11	9.98	12.58	≤21.78	PASS
11AX160SISO	5570	12.27	13.67	16.04	≤21.78	PASS



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11BE20SISO	5180	11.78	12.16	14.98	≤21.78	PASS
11BE20SISO	5200	13.11	12.37	15.77	≤21.78	PASS
11BE20SISO	5240	11.04	10.62	13.85	≤21.78	PASS
11BE20SISO	5260	11.34	11.17	14.27	≤21.78	PASS
11BE20SISO	5280	11.95	11.59	14.78	≤21.78	PASS
11BE20SISO	5320	10.58	11.2	13.91	≤21.78	PASS
11BE20SISO	5500	12.71	13.06	15.90	≤21.78	PASS
11BE20SISO	5580	11.54	12.01	14.79	≤21.78	PASS
11BE20SISO	5700	12.46	12.99	15.74	≤21.78	PASS
11BE20SISO	5745	11.93	12.44	15.20	≤27.8	PASS
11BE20SISO	5785	11.18	11.56	14.38	≤27.8	PASS
11BE20SISO	5825	11.33	11.58	14.47	≤27.8	PASS
11BE40SISO	5190	12.05	12.37	15.22	≤21.78	PASS
11BE40SISO	5230	10.11	11.11	13.65	≤21.78	PASS
11BE40SISO	5270	10.41	11.52	14.01	≤21.78	PASS
11BE40SISO	5310	11.49	10.3	13.95	≤21.78	PASS
11BE40SISO	5510	12.75	13.2	15.99	≤21.78	PASS
11BE40SISO	5550	12.4	11.99	15.21	≤21.78	PASS
11BE40SISO	5670	12.15	11.78	14.98	≤21.78	PASS
11BE40SISO	5755	11.71	11.42	14.58	≤27.8	PASS
11BE40SISO	5795	11.04	10.47	13.77	≤27.8	PASS
11BE80SISO	5210	10.79	11.65	14.25	≤21.78	PASS
11BE80SISO	5290	10.91	10.92	13.93	≤21.78	PASS
11BE80SISO	5530	13.64	12.96	16.32	≤21.78	PASS
11BE80SISO	5610	12.38	12.56	15.48	≤21.78	PASS
11BE80SISO	5775	10.93	11.28	14.12	≤27.8	PASS
11BE160SISO	5250_UNII-1	12.11	10.99	14.60	≤21.78	PASS
11BE160SISO	5250_UNII-2A	10.44	9.46	12.99	≤21.78	PASS
11BE160SISO	5570	12.68	13.0	15.85	≤21.78	PASS

Remark:Directional gain is 8.2 dBi.



Appendix D: Maximum power spectral density

Ant 1

Test Result

Test Mode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	2.82	≤11.00	PASS
11A	Ant1	5200	1.76	≤11.00	PASS
11A	Ant1	5240	1.83	≤11.00	PASS
11A	Ant1	5260	2.22	≤11.00	PASS
11A	Ant1	5280	3.03	≤11.00	PASS
11A	Ant1	5320	0.52	≤11.00	PASS
11A	Ant1	5500	2.75	≤11.00	PASS
11A	Ant1	5580	1.53	≤11.00	PASS
11A	Ant1	5700	2.28	≤11.00	PASS
11A	Ant1	5745	-0.75	≤30.00	PASS
11A	Ant1	5785	-1.30	≤30.00	PASS
11A	Ant1	5825	-1.23	≤30.00	PASS
11N20SISO	Ant1	5180	1.16	≤11.00	PASS
11N20SISO	Ant1	5200	1.45	≤11.00	PASS
11N20SISO	Ant1	5240	-0.73	≤11.00	PASS
11N20SISO	Ant1	5260	1.04	≤11.00	PASS
11N20SISO	Ant1	5280	1.57	≤11.00	PASS
11N20SISO	Ant1	5320	0.15	≤11.00	PASS
11N20SISO	Ant1	5500	2.35	≤11.00	PASS
11N20SISO	Ant1	5580	1.22	≤11.00	PASS
11N20SISO	Ant1	5700	2.13	≤11.00	PASS
11N20SISO	Ant1	5745	-0.89	≤30.00	PASS
11N20SISO	Ant1	5785	-1.79	≤30.00	PASS
11N20SISO	Ant1	5825	-1.72	≤30.00	PASS
11N40SISO	Ant1	5190	-0.89	≤11.00	PASS
11N40SISO	Ant1	5230	-3.16	≤11.00	PASS
11N40SISO	Ant1	5270	-2.42	≤11.00	PASS
11N40SISO	Ant1	5310	-2.57	≤11.00	PASS
11N40SISO	Ant1	5510	0.65	≤11.00	PASS
11N40SISO	Ant1	5550	-0.94	≤11.00	PASS
11N40SISO	Ant1	5670	-0.51	≤11.00	PASS
11N40SISO	Ant1	5755	-4.26	≤30.00	PASS
11N40SISO	Ant1	5795	-4.90	≤30.00	PASS



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11AC20SISO	Ant1	5180	1.10	≤11.00	PASS
11AC20SISO	Ant1	5200	1.49	≤11.00	PASS
11AC20SISO	Ant1	5240	0.56	≤11.00	PASS
11AC20SISO	Ant1	5260	0.70	≤11.00	PASS
11AC20SISO	Ant1	5280	1.57	≤11.00	PASS
11AC20SISO	Ant1	5320	0.18	≤11.00	PASS
11AC20SISO	Ant1	5500	2.36	≤11.00	PASS
11AC20SISO	Ant1	5580	1.36	≤11.00	PASS
11AC20SISO	Ant1	5700	2.02	≤11.00	PASS
11AC20SISO	Ant1	5745	-1.17	≤30.00	PASS
11AC20SISO	Ant1	5785	-2.13	≤30.00	PASS
11AC20SISO	Ant1	5825	-1.46	≤30.00	PASS
11AC40SISO	Ant1	5190	-1.16	≤11.00	PASS
11AC40SISO	Ant1	5230	-1.82	≤11.00	PASS
11AC40SISO	Ant1	5270	-1.40	≤11.00	PASS
11AC40SISO	Ant1	5310	-2.87	≤11.00	PASS
11AC40SISO	Ant1	5510	-0.26	≤11.00	PASS
11AC40SISO	Ant1	5550	-0.81	≤11.00	PASS
11AC40SISO	Ant1	5670	-0.66	≤11.00	PASS
11AC40SISO	Ant1	5755	-3.34	≤30.00	PASS
11AC40SISO	Ant1	5795	-4.30	≤30.00	PASS
11AC80SISO	Ant1	5210	-3.89	≤11.00	PASS
11AC80SISO	Ant1	5290	-5.06	≤11.00	PASS
11AC80SISO	Ant1	5530	-3.25	≤11.00	PASS
11AC80SISO	Ant1	5610	-3.37	≤11.00	PASS
11AC80SISO	Ant1	5775	-7.66	≤30.00	PASS
11AX20SISO	Ant1	5180	0.95	≤11.00	PASS
11AX20SISO	Ant1	5200	1.10	≤11.00	PASS
11AX20SISO	Ant1	5240	0.53	≤11.00	PASS
11AX20SISO	Ant1	5260	0.69	≤11.00	PASS
11AX20SISO	Ant1	5280	1.60	≤11.00	PASS
11AX20SISO	Ant1	5320	0.21	≤11.00	PASS
11AX20SISO	Ant1	5500	2.15	≤11.00	PASS
11AX20SISO	Ant1	5580	0.94	≤11.00	PASS
11AX20SISO	Ant1	5700	2.02	≤11.00	PASS
11AX20SISO	Ant1	5745	-1.32	≤30.00	PASS
11AX20SISO	Ant1	5785	-1.95	≤30.00	PASS
11AX20SISO	Ant1	5825	-1.35	≤30.00	PASS
11AX40SISO	Ant1	5190	-1.29	≤11.00	PASS
11AX40SISO	Ant1	5230	-2.11	≤11.00	PASS



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11AX40SISO	Ant1	5270	-1.61	≤11.00	PASS
11AX40SISO	Ant1	5310	-2.71	≤11.00	PASS
11AX40SISO	Ant1	5510	-0.62	≤11.00	PASS
11AX40SISO	Ant1	5550	-0.88	≤11.00	PASS
11AX40SISO	Ant1	5670	-0.89	≤11.00	PASS
11AX40SISO	Ant1	5755	-4.11	≤30.00	PASS
11AX40SISO	Ant1	5795	-4.95	≤30.00	PASS
11AX80SISO	Ant1	5210	-4.98	≤11.00	PASS
11AX80SISO	Ant1	5290	-6.26	≤11.00	PASS
11AX80SISO	Ant1	5530	-3.40	≤11.00	PASS
11AX80SISO	Ant1	5610	-3.44	≤11.00	PASS
11AX80SISO	Ant1	5775	-7.72	≤30.00	PASS
11AX160SISO	Ant1	5250_UNII-1	-6.82	≤11.00	PASS
11AX160SISO	Ant1	5250_UNII-2A	-7.43	≤11.00	PASS
11AX160SISO	Ant1	5570	-6.76	≤11.00	PASS
11BE20SISO	Ant1	5180	1.39	≤11.00	PASS
11BE20SISO	Ant1	5200	2.69	≤11.00	PASS
11BE20SISO	Ant1	5240	0.67	≤11.00	PASS
11BE20SISO	Ant1	5260	0.87	≤11.00	PASS
11BE20SISO	Ant1	5280	1.64	≤11.00	PASS
11BE20SISO	Ant1	5320	0.31	≤11.00	PASS
11BE20SISO	Ant1	5500	2.36	≤11.00	PASS
11BE20SISO	Ant1	5580	1.36	≤11.00	PASS
11BE20SISO	Ant1	5700	1.94	≤11.00	PASS
11BE20SISO	Ant1	5745	-0.99	≤30.00	PASS
11BE20SISO	Ant1	5785	-1.70	≤30.00	PASS
11BE20SISO	Ant1	5825	-1.64	≤30.00	PASS
11BE40SISO	Ant1	5190	-0.63	≤11.00	PASS
11BE40SISO	Ant1	5230	-3.22	≤11.00	PASS
11BE40SISO	Ant1	5270	-2.59	≤11.00	PASS
11BE40SISO	Ant1	5310	-1.50	≤11.00	PASS
11BE40SISO	Ant1	5510	-0.49	≤11.00	PASS
11BE40SISO	Ant1	5550	-0.70	≤11.00	PASS
11BE40SISO	Ant1	5670	-0.56	≤11.00	PASS
11BE40SISO	Ant1	5755	-3.93	≤30.00	PASS
11BE40SISO	Ant1	5795	-4.84	≤30.00	PASS
11BE80SISO	Ant1	5210	-4.99	≤11.00	PASS
11BE80SISO	Ant1	5290	-4.82	≤11.00	PASS
11BE80SISO	Ant1	5530	-1.94	≤11.00	PASS
11BE80SISO	Ant1	5610	-3.21	≤11.00	PASS



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11BE80SISO	Ant1	5775	-7.48	≤30.00	PASS
11BE160SISO	Ant1	5250_UNII-1	-5.26	≤11.00	PASS
11BE160SISO	Ant1	5250_UNII-2A	-6.05	≤11.00	PASS
11BE160SISO	Ant1	5570	-6.36	≤11.00	PASS

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



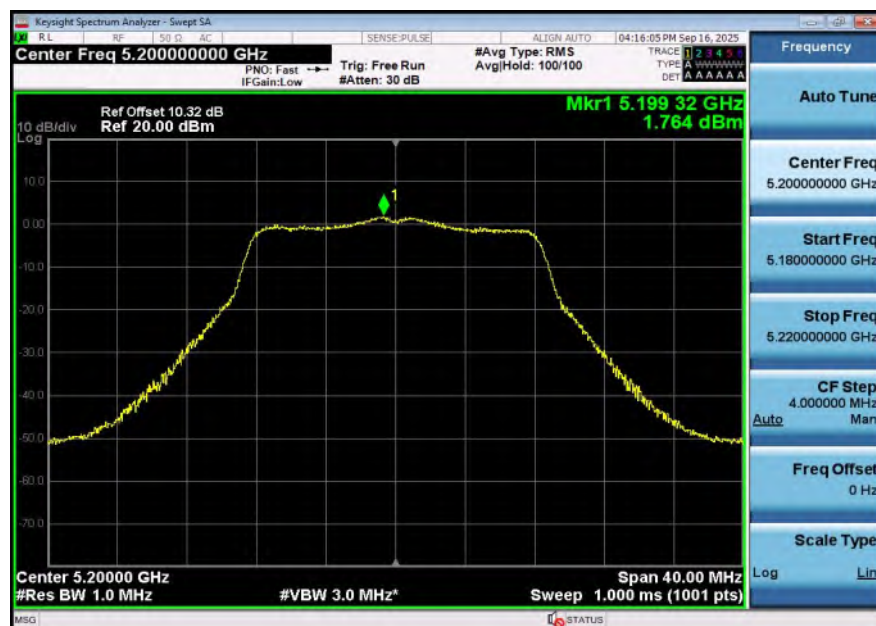
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Test Graphs



11A-Ant1-5180-PASS



11A-Ant1-5200-PASS



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11A-Ant1-5240-PASS



11A-Ant1-5260-PASS



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11A-Ant1-5280-PASS



11A-Ant1-5320-PASS



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11A-Ant1-5500-PASS



11A-Ant1-5580-PASS



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11A-Ant1-5700-PASS



11A-Ant1-5745-PASS



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11A-Ant1-5785-PASS

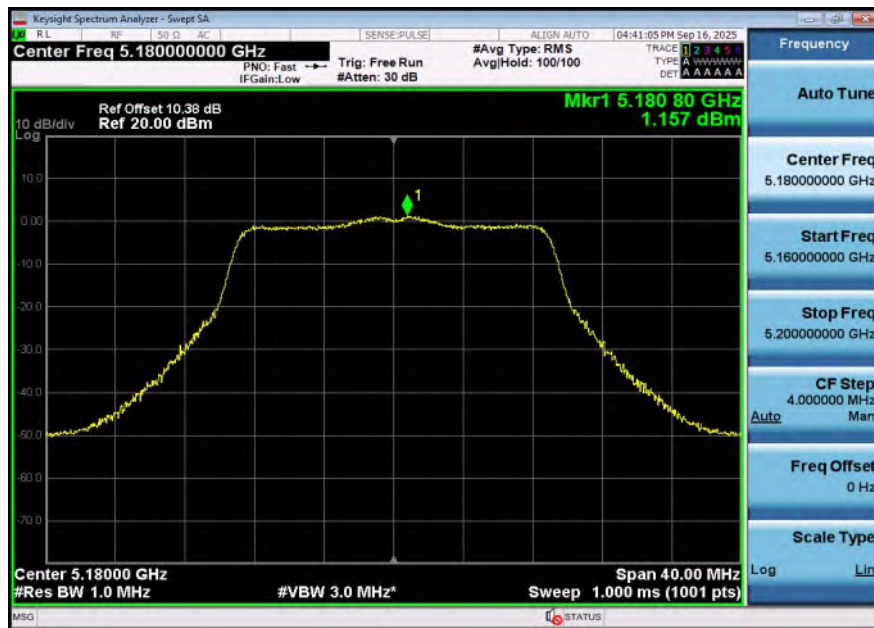


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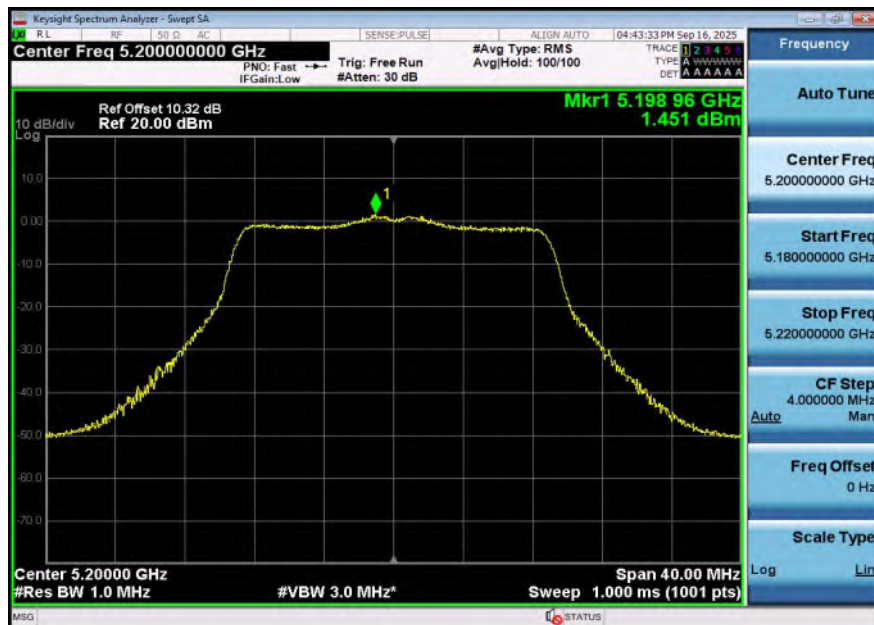


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11N20SISO-Ant1-5180-PASS

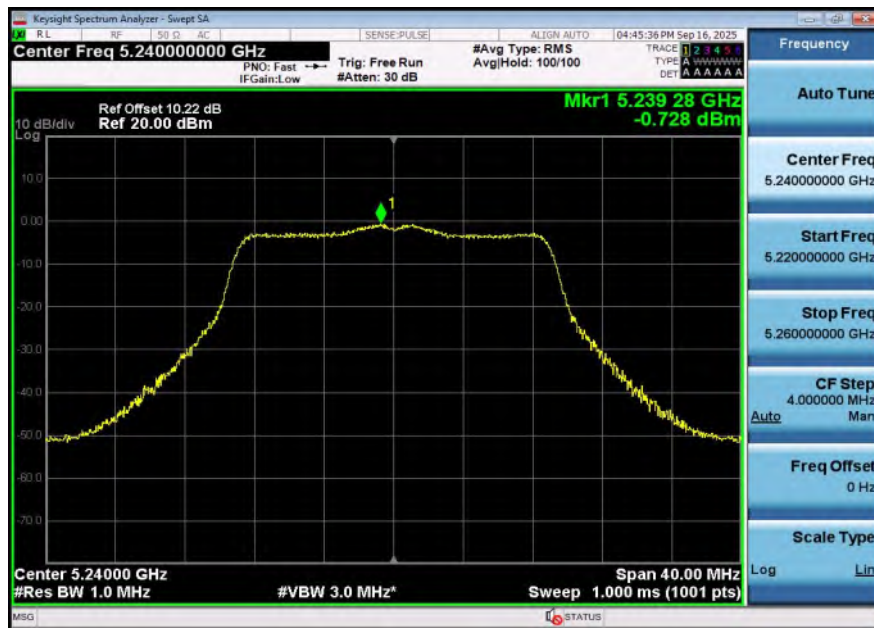


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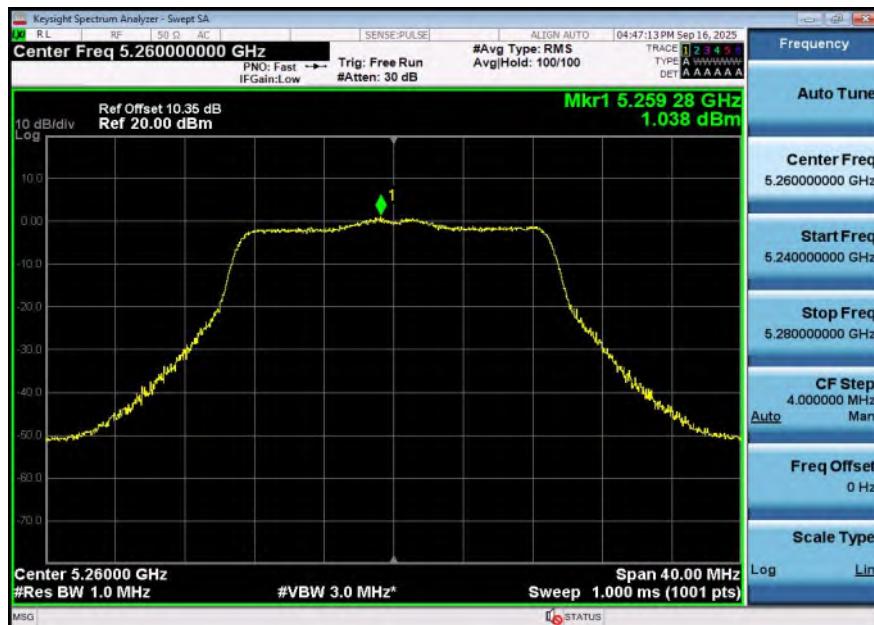


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11N20SISO-Ant1-5240-PASS

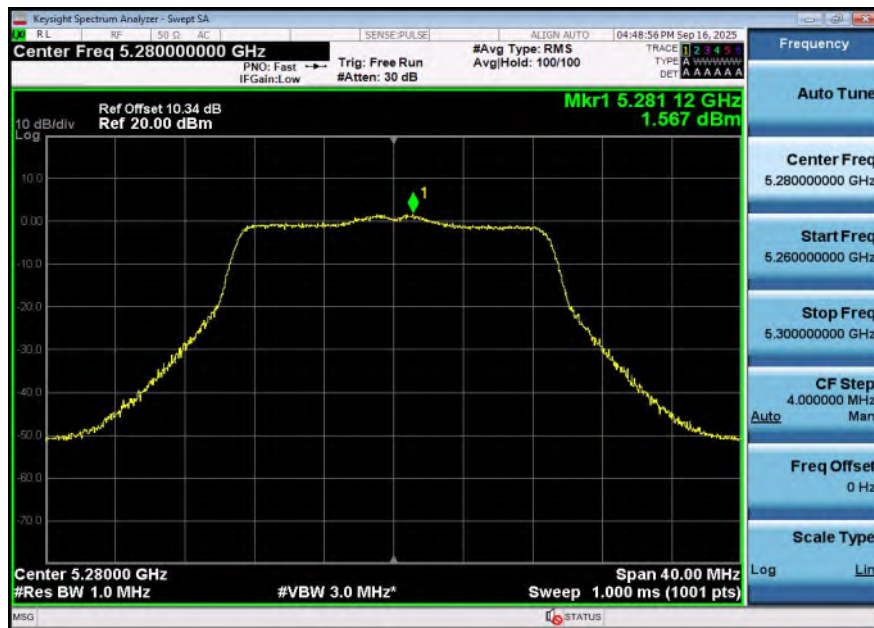


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11N20SISO-Ant1-5280-PASS

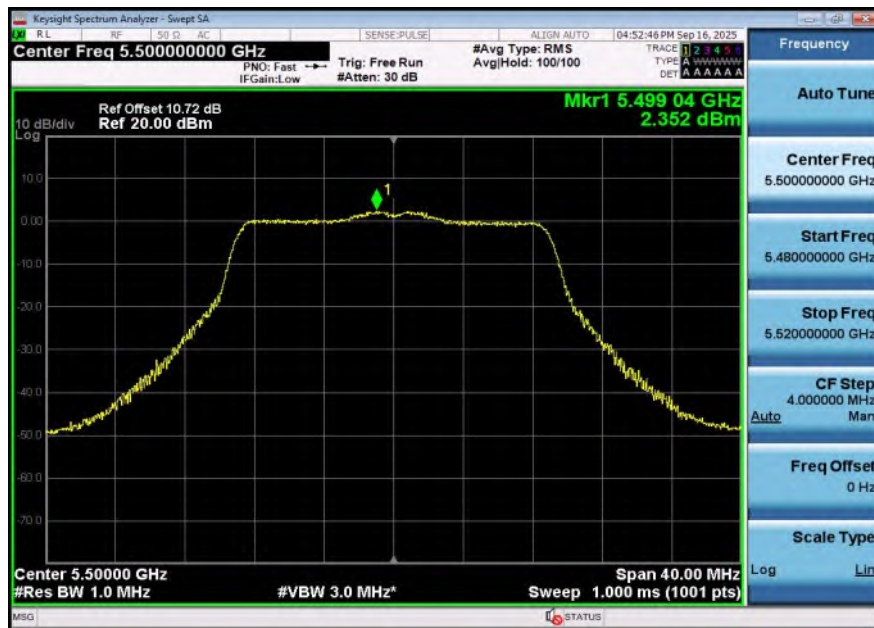


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FCCID:2A22E-R-W72508

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11N20SISO-Ant1-5500-PASS



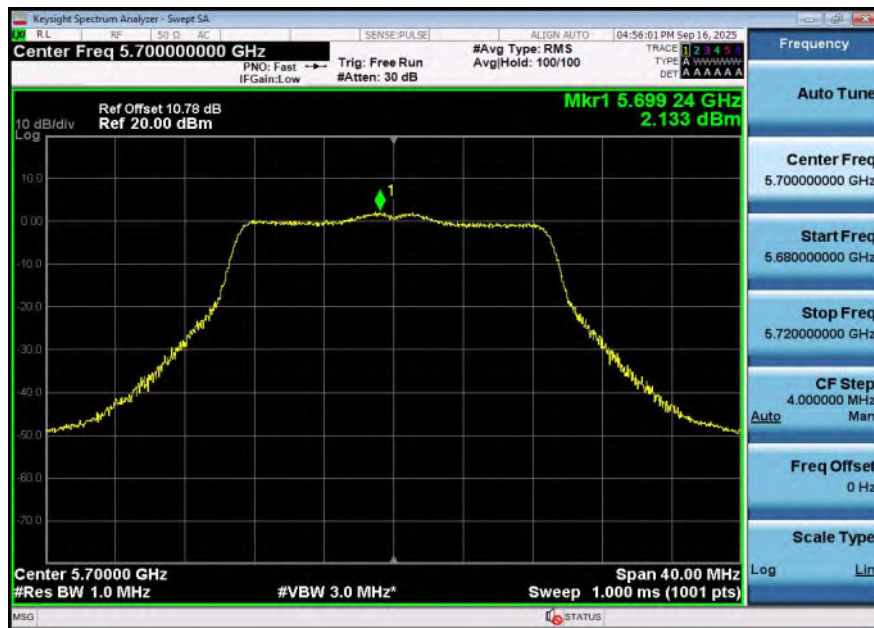
11N20SISO-Ant1-5580-PASS



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11N20SISO-Ant1-5700-PASS

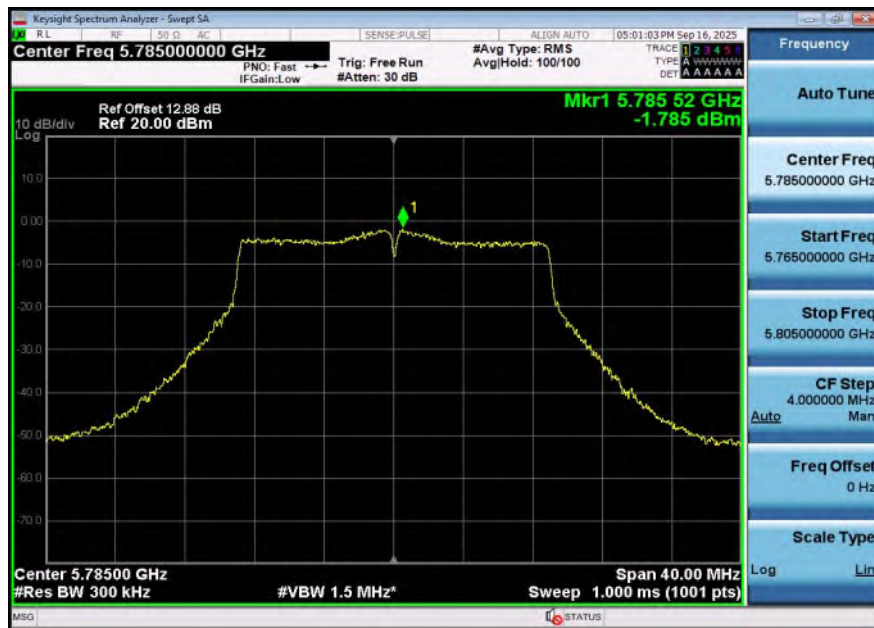


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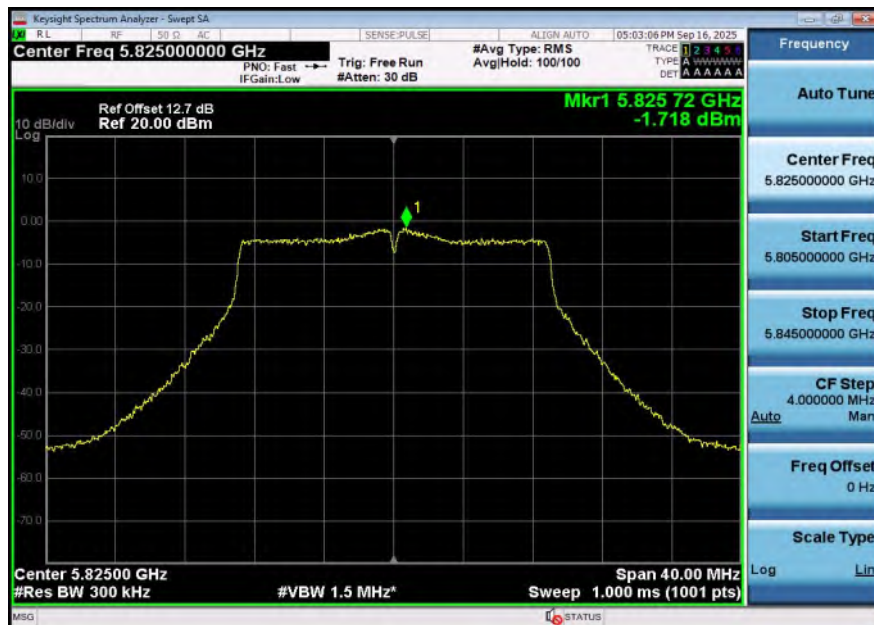


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11N20SISO-Ant1-5785-PASS

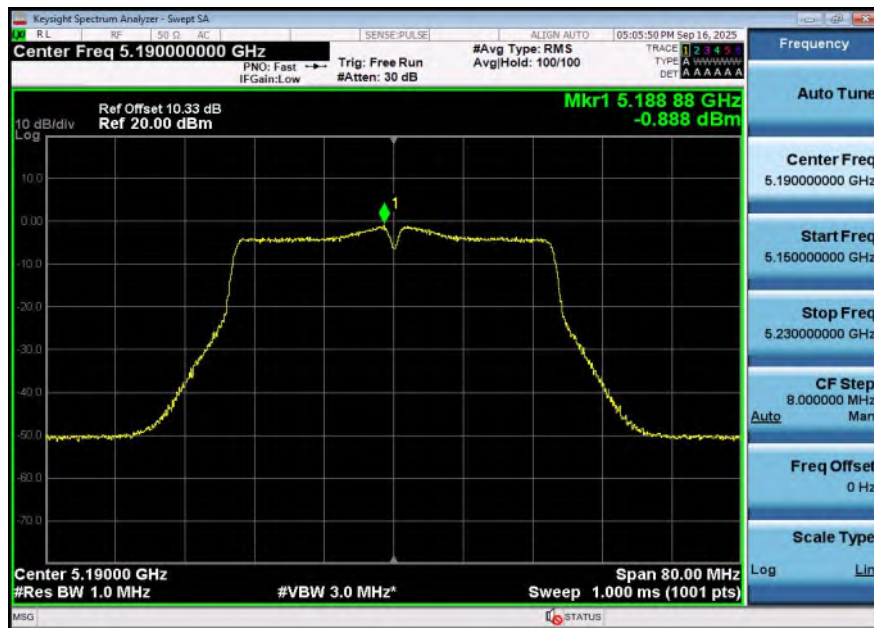


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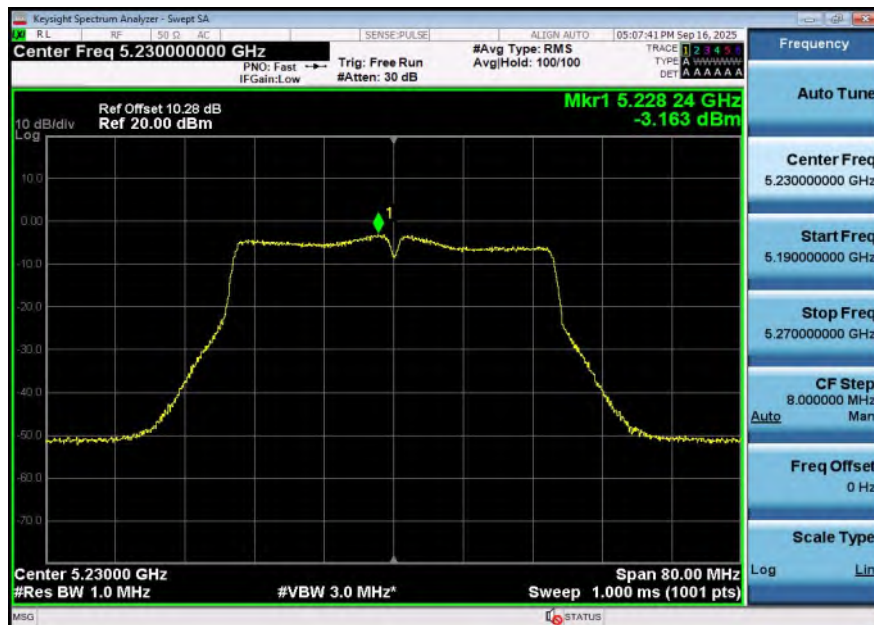


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11N40SISO-Ant1-5190-PASS



11N40SISO-Ant1-5230-PASS