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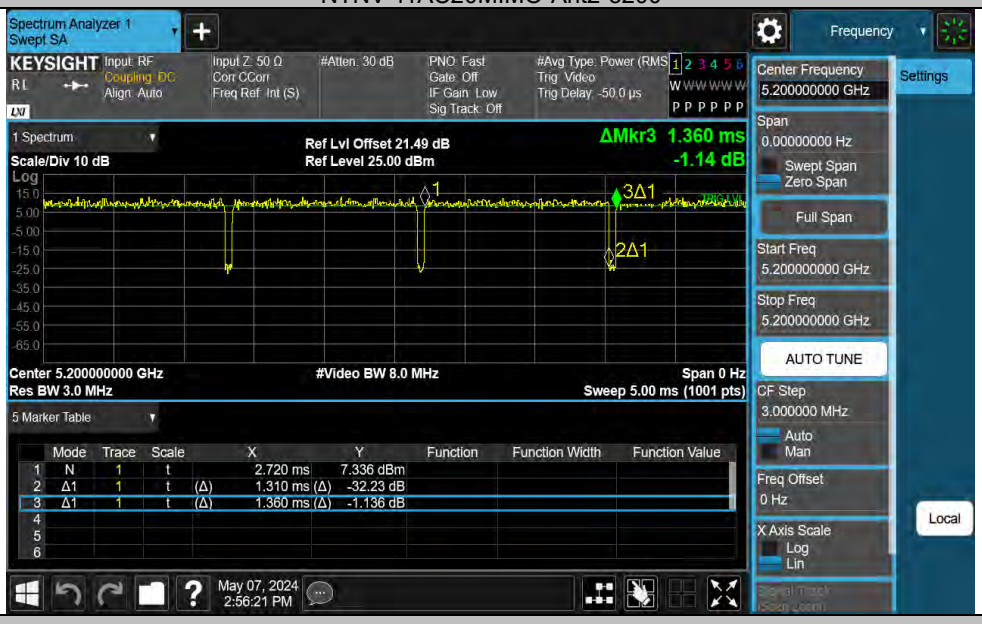

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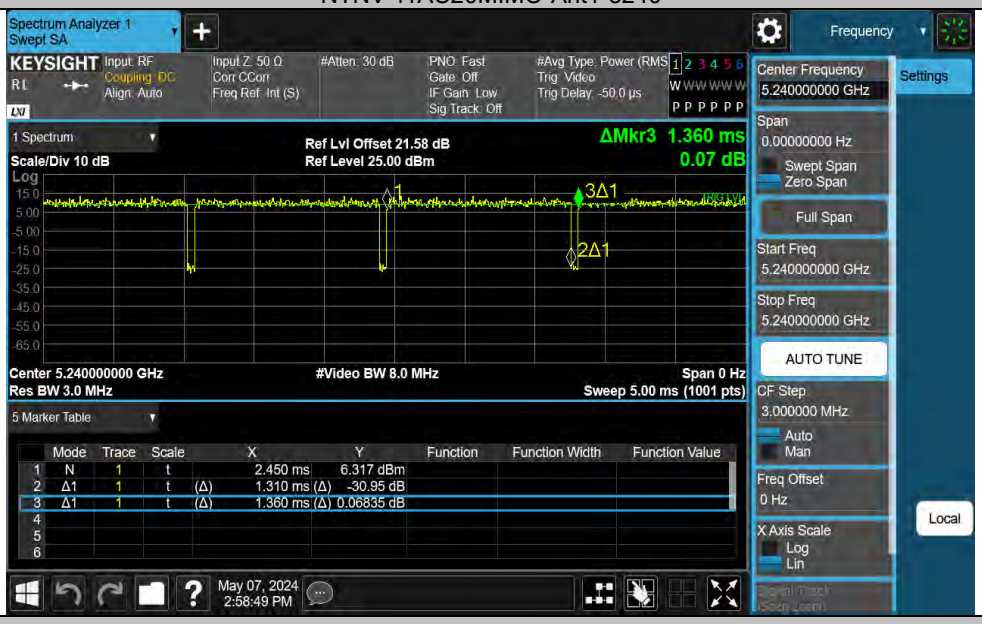

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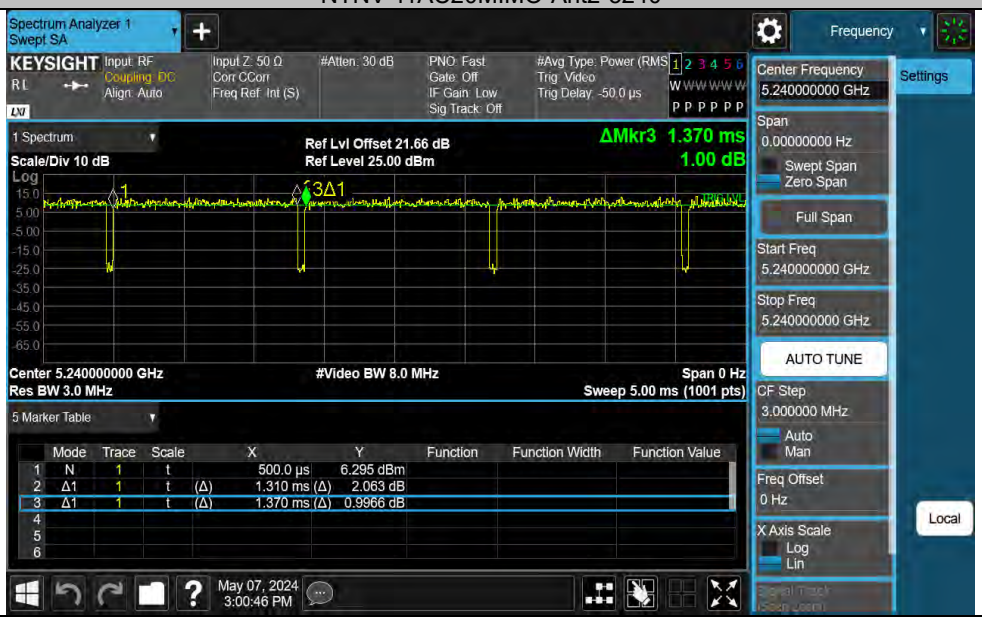

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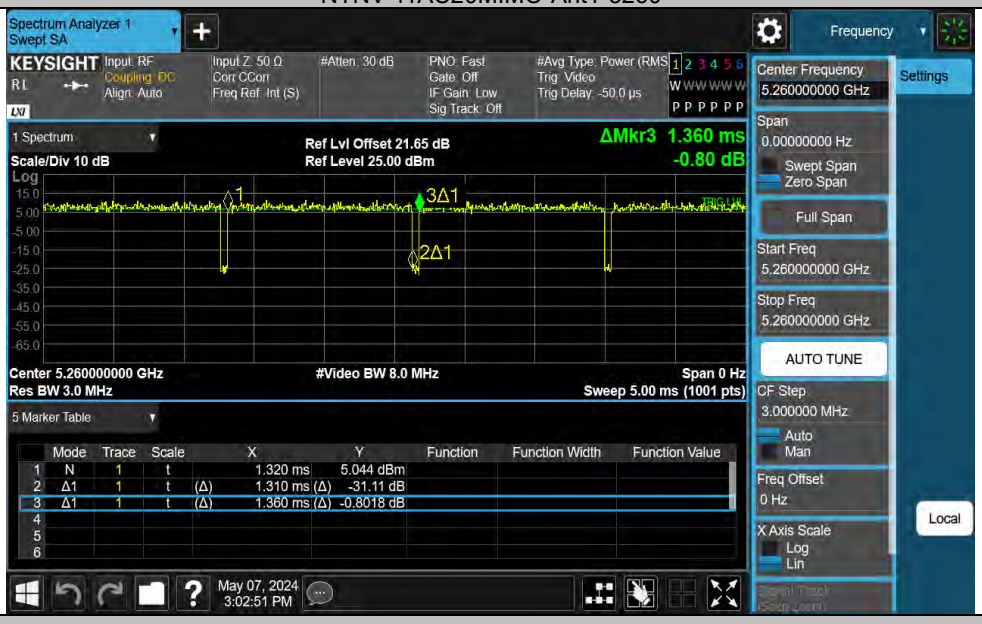

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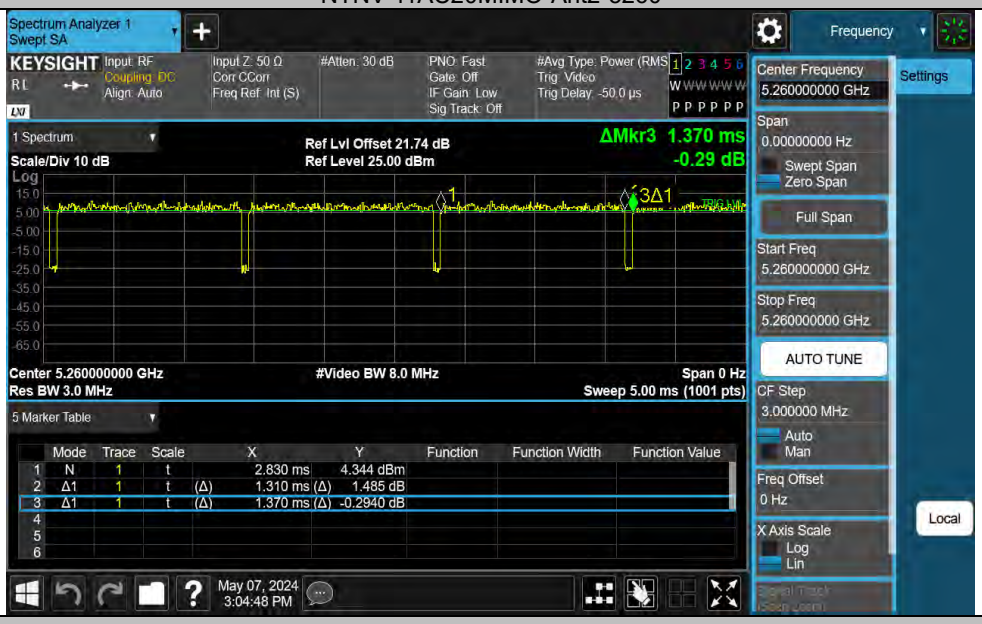

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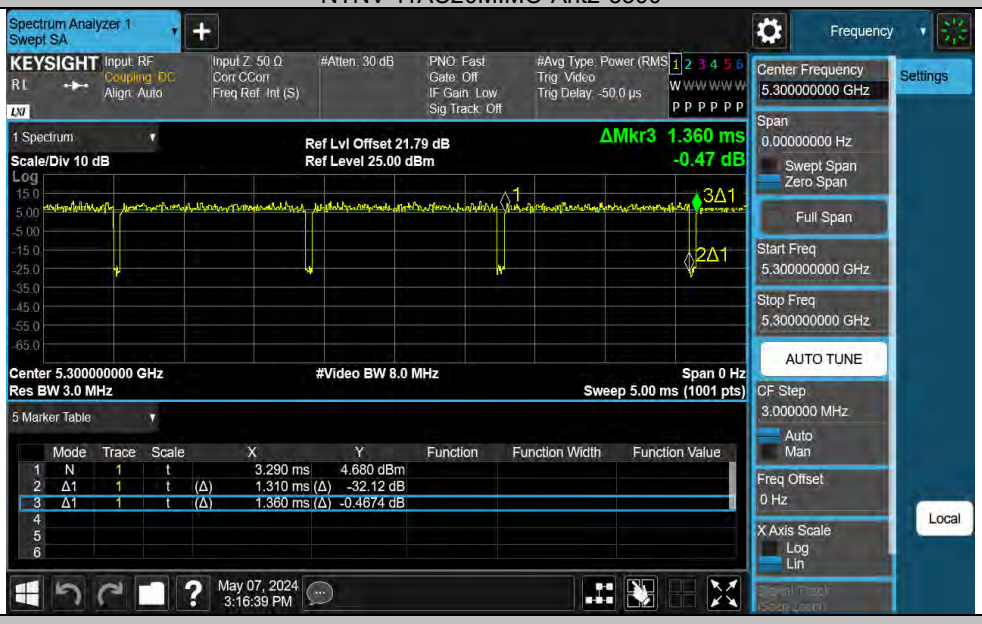

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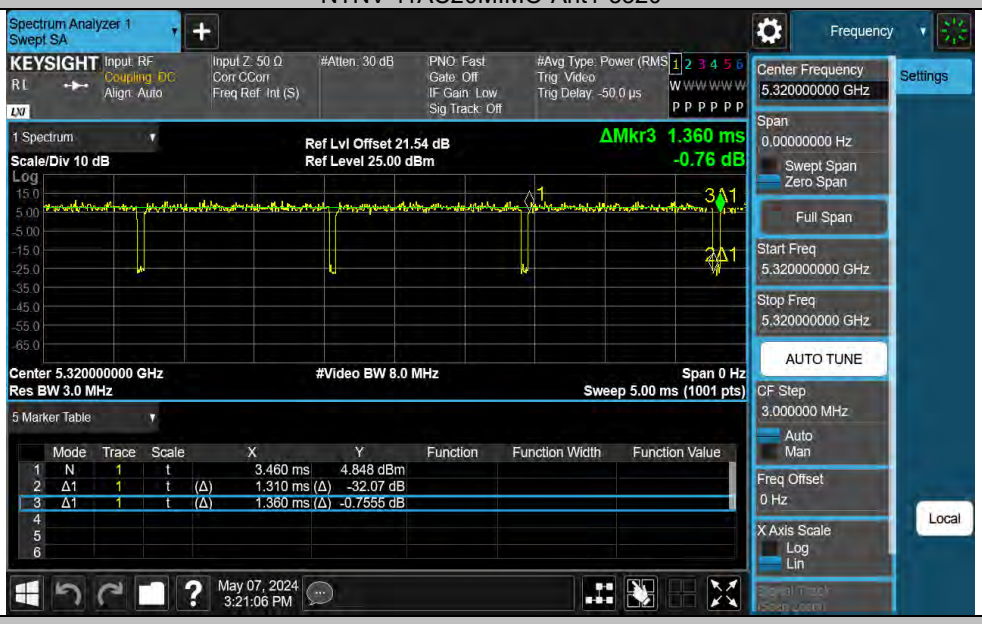

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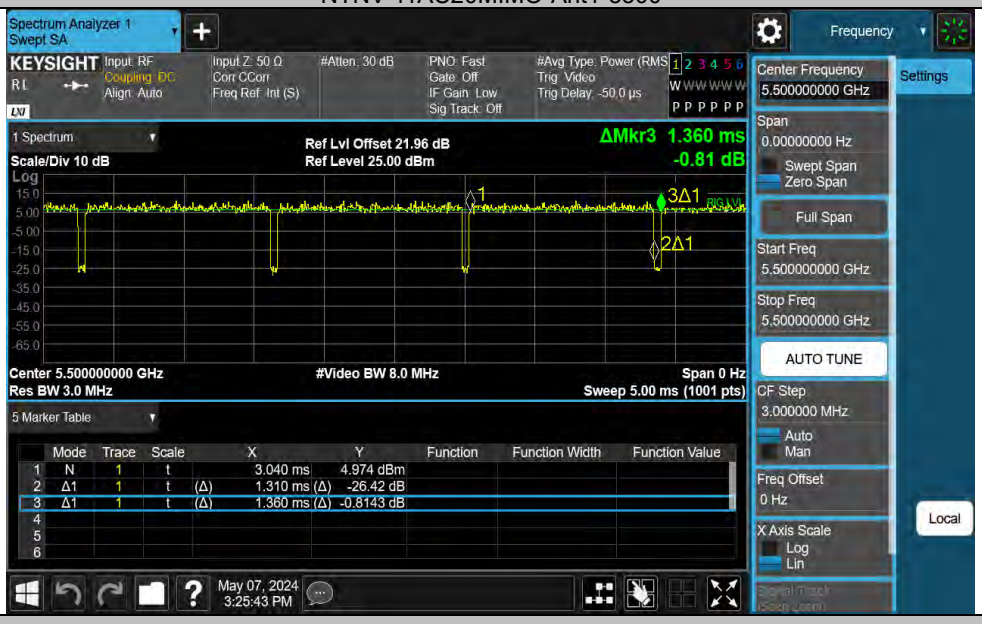

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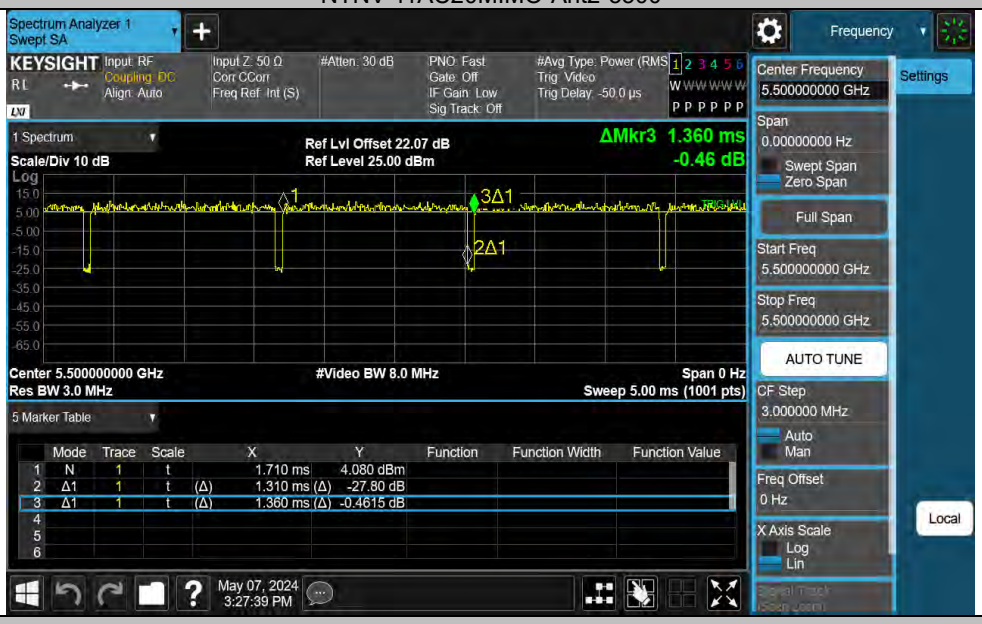

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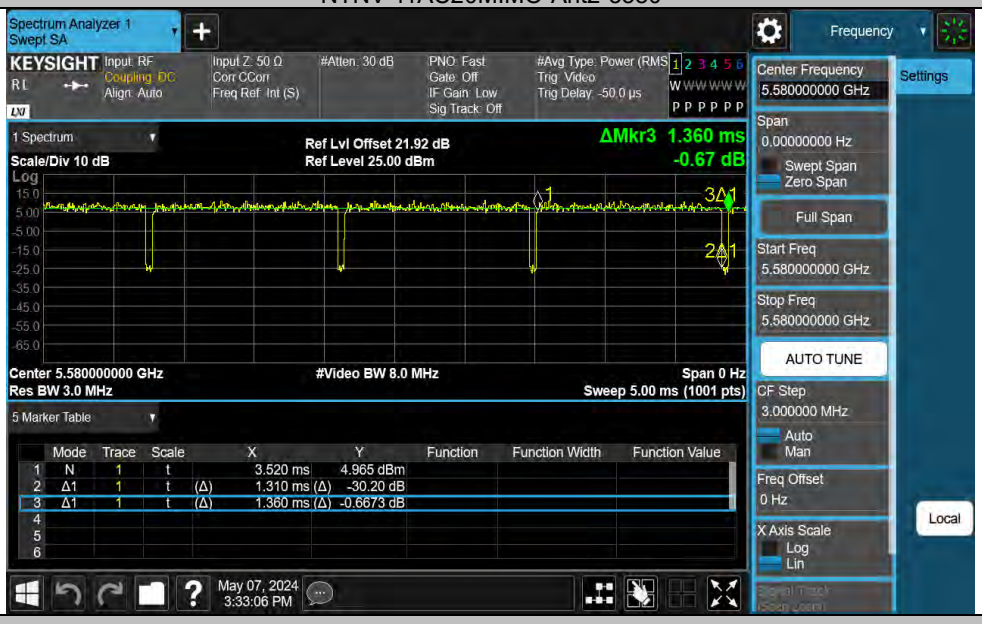

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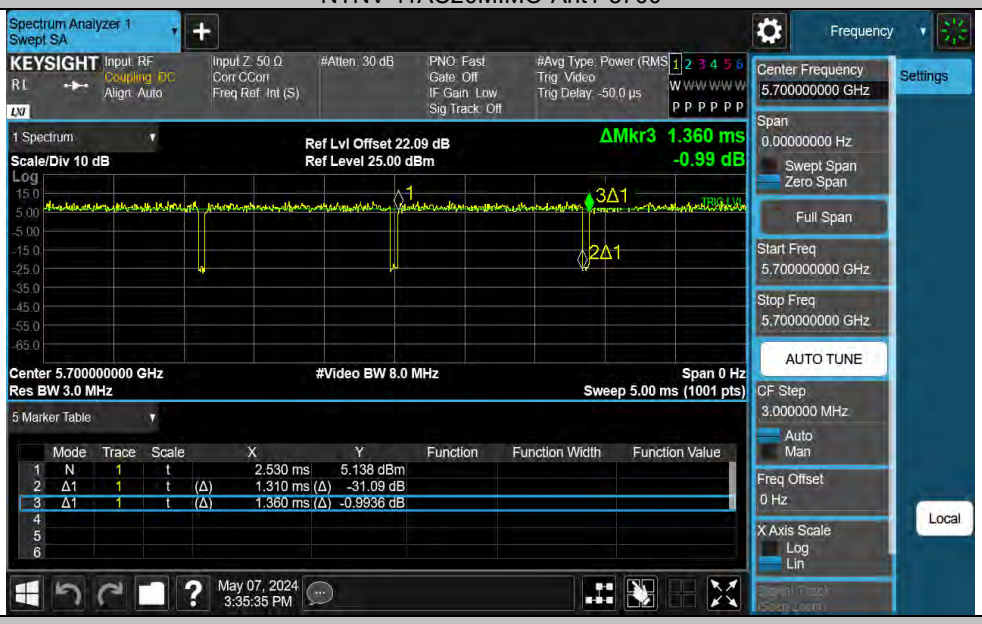

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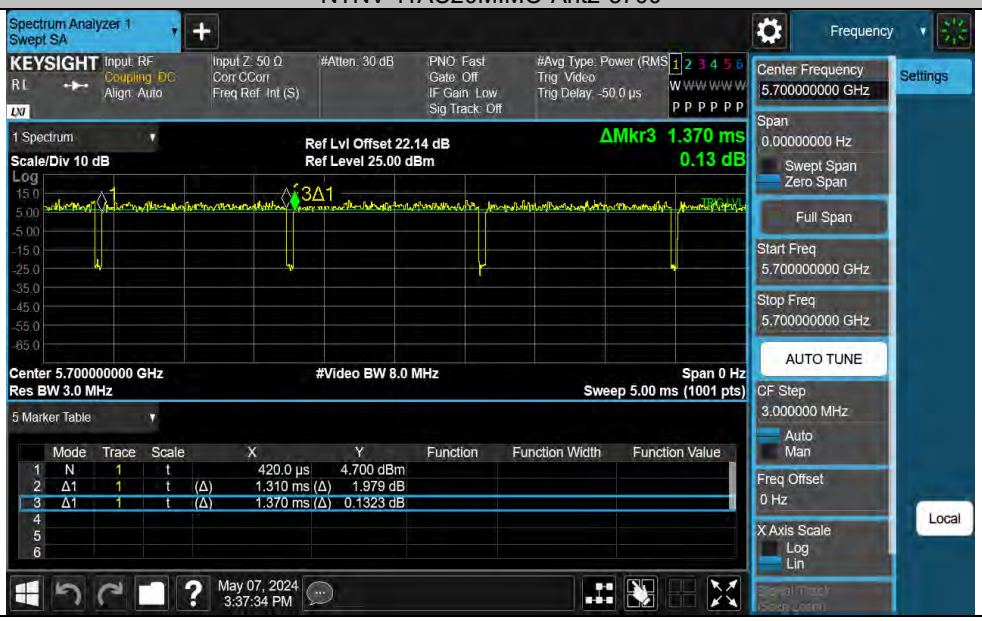

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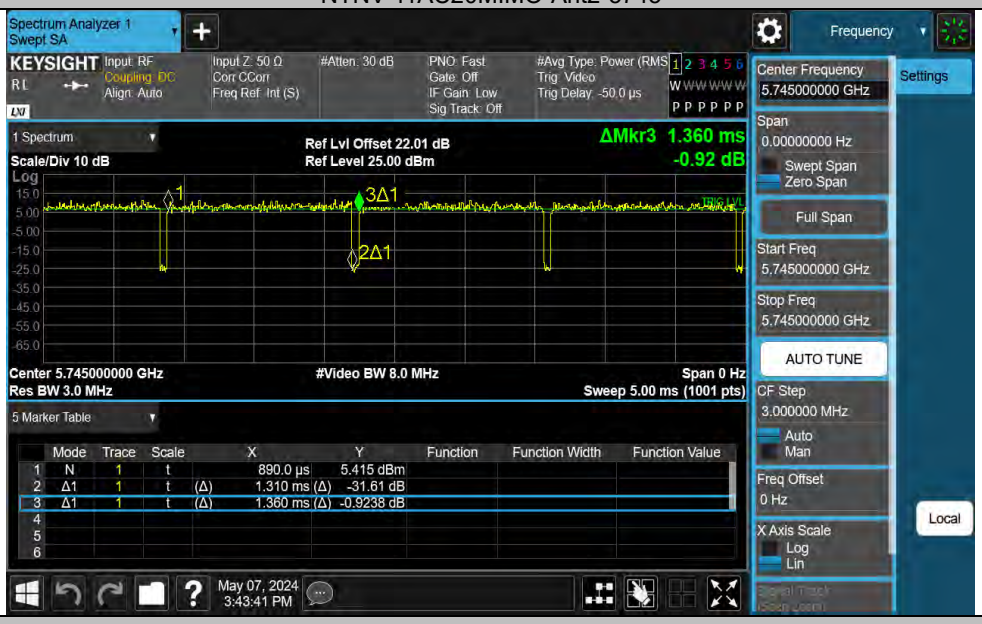

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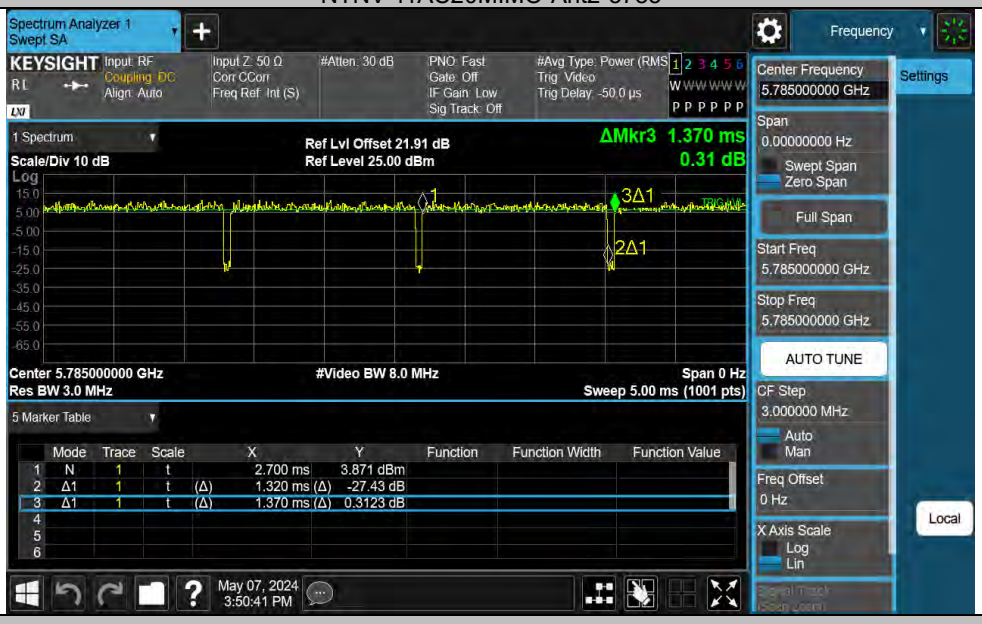

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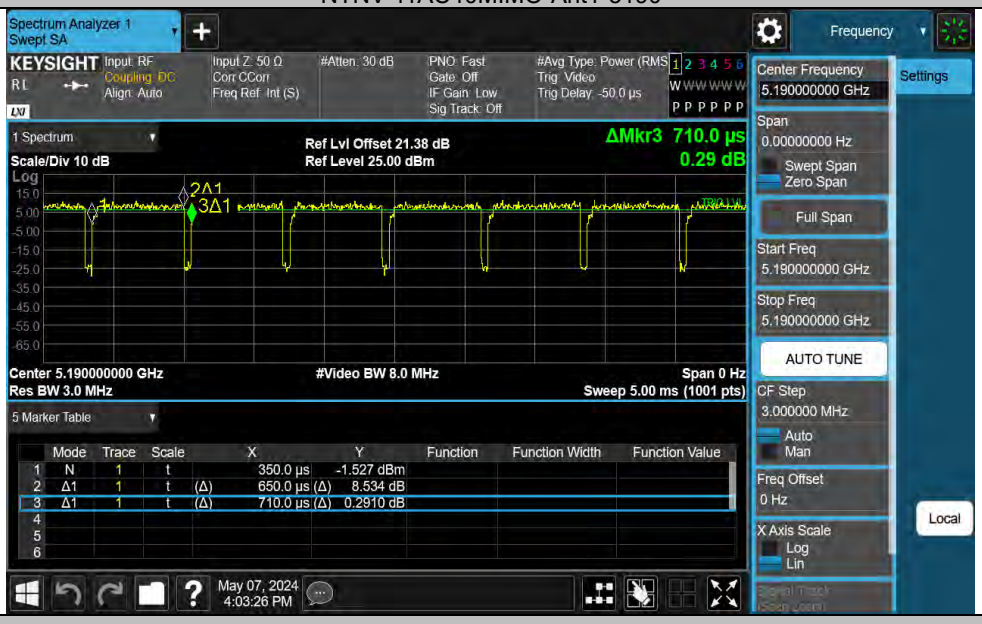
NTNV-11AC20MIMO-Ant2-5825

NTNV-11AC40MIMO-Ant1-5190



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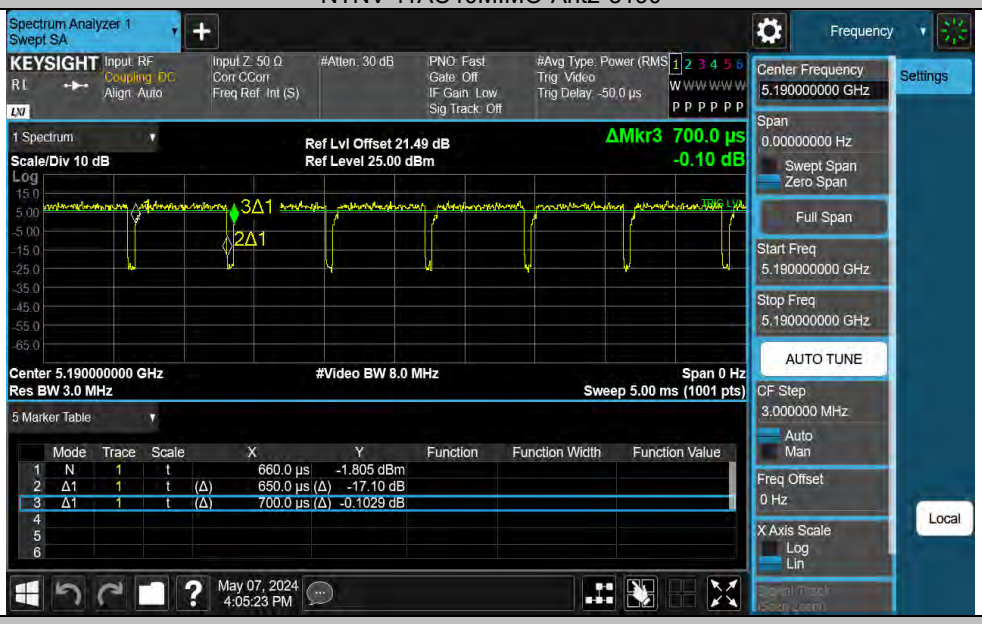
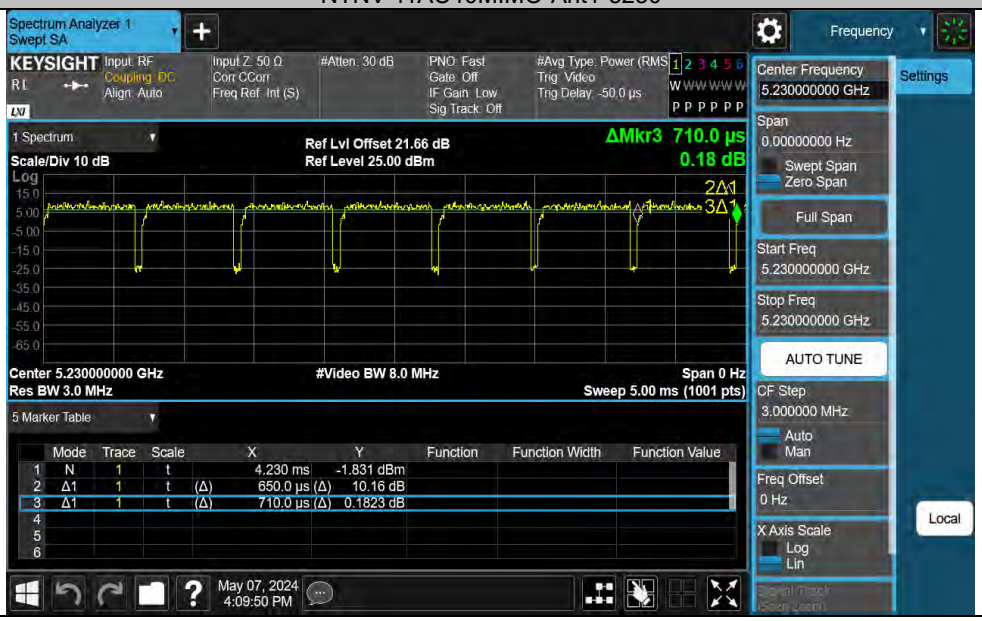


NTNV-11AC40MIMO-Ant1-5230



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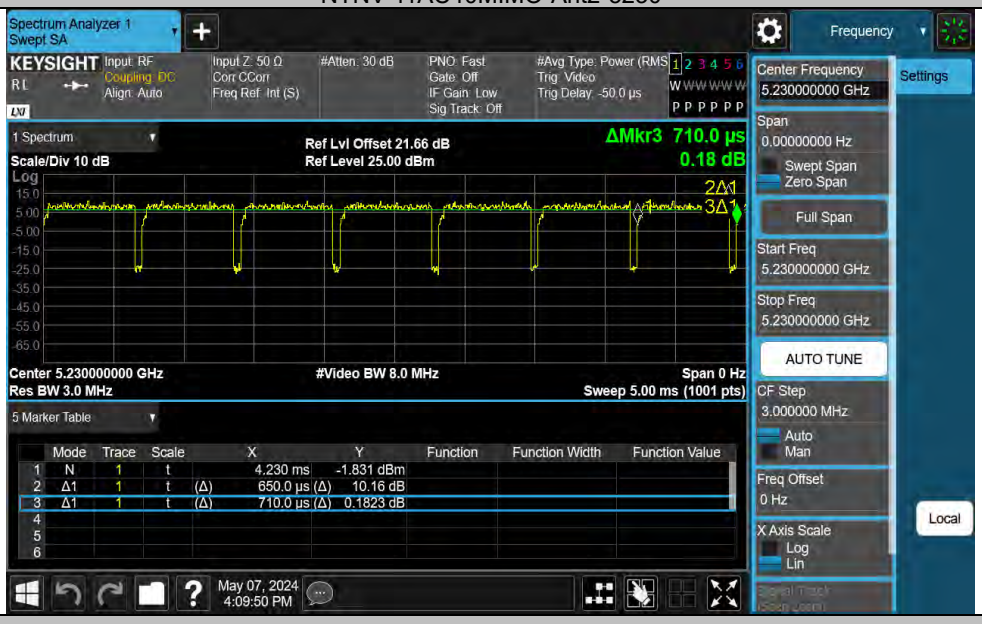

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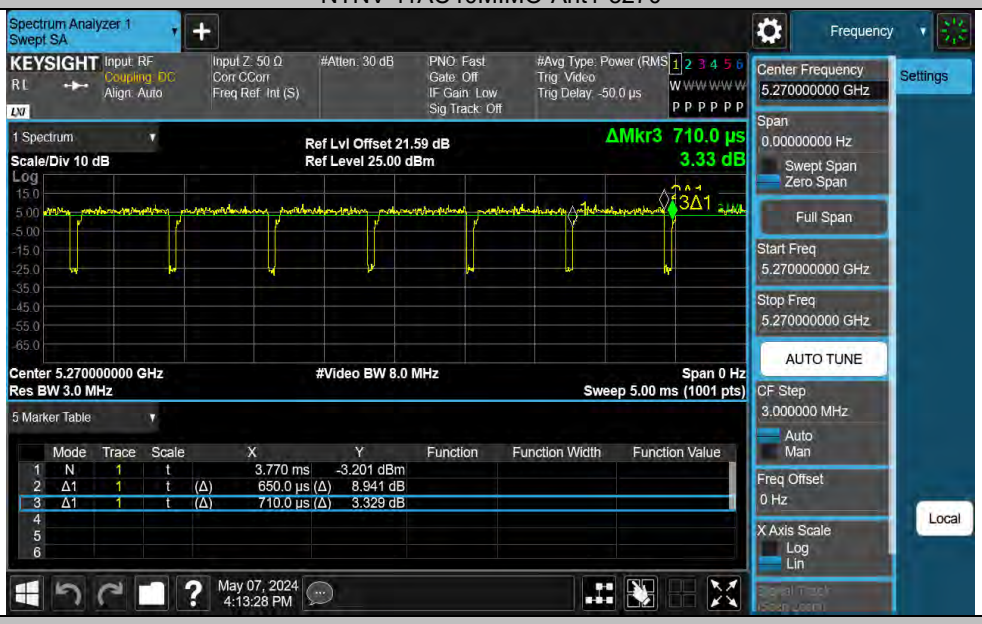

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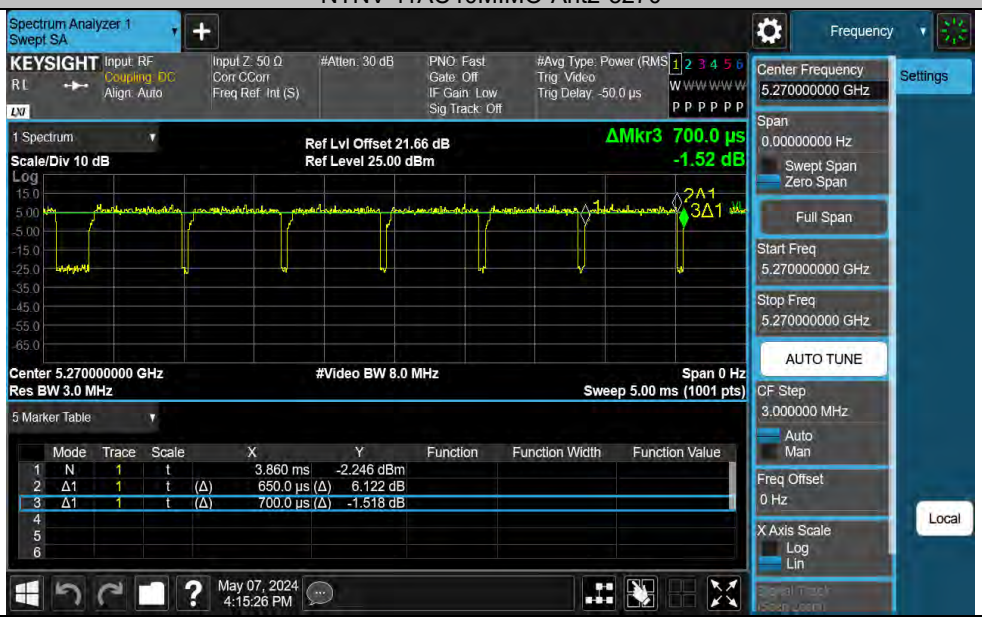

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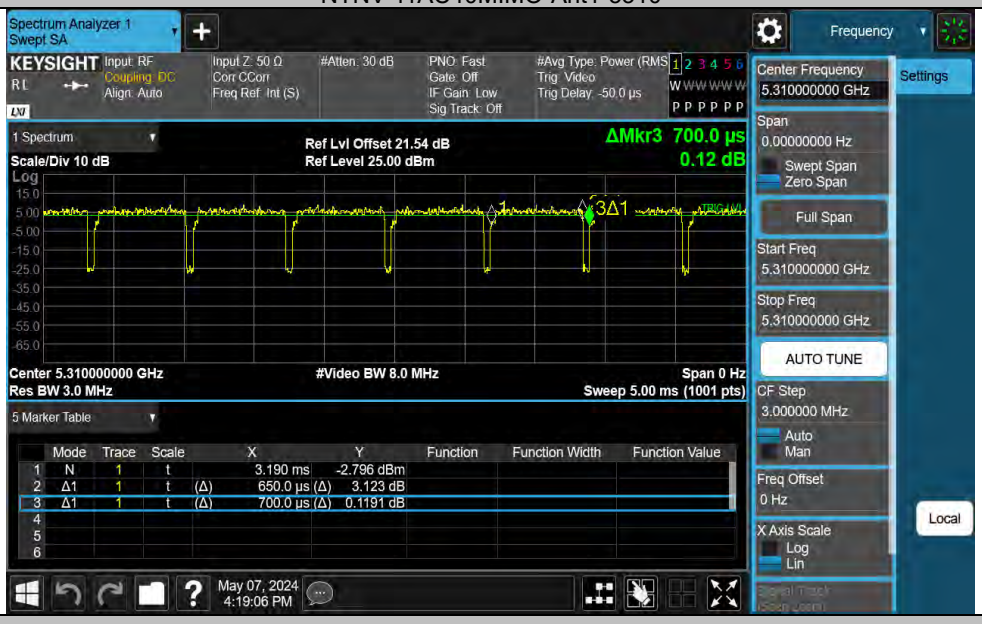

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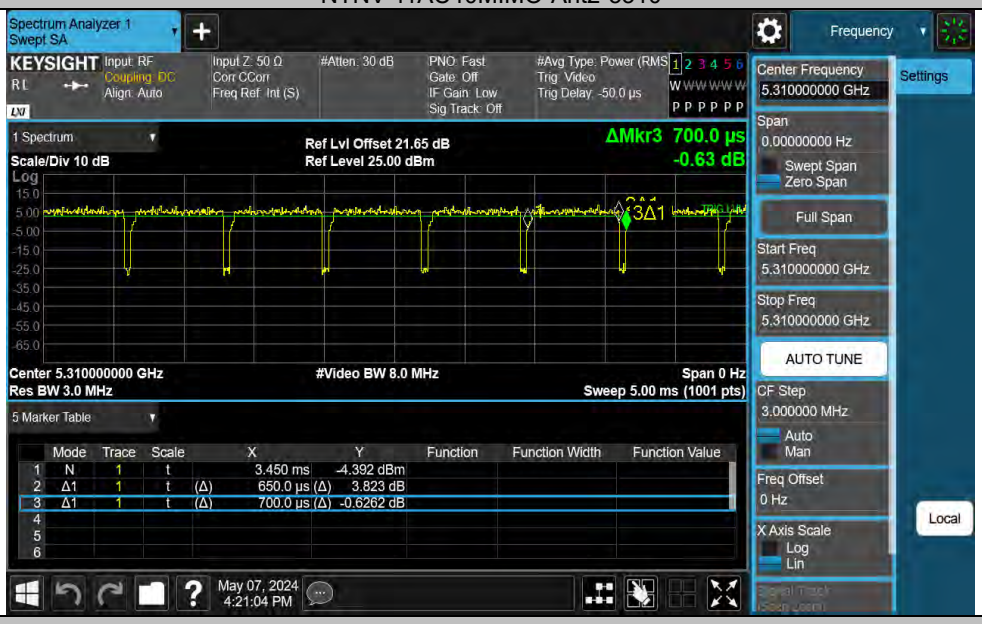

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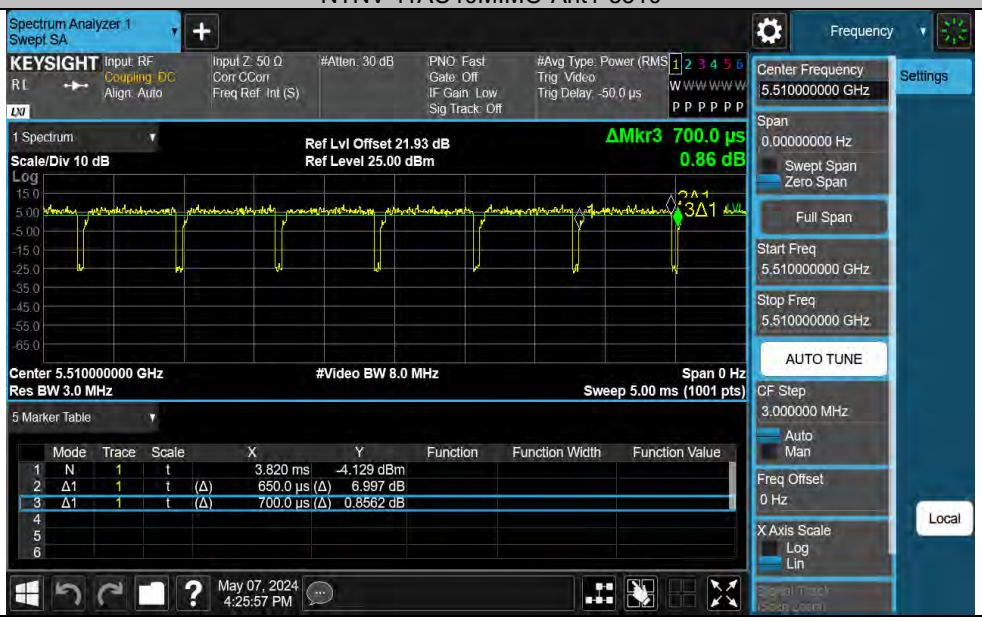

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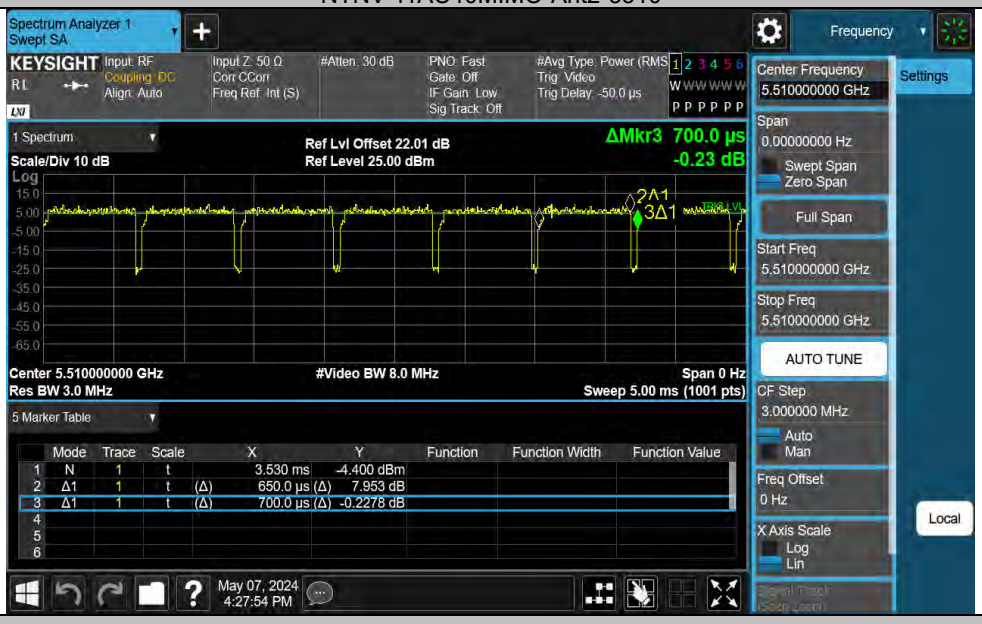

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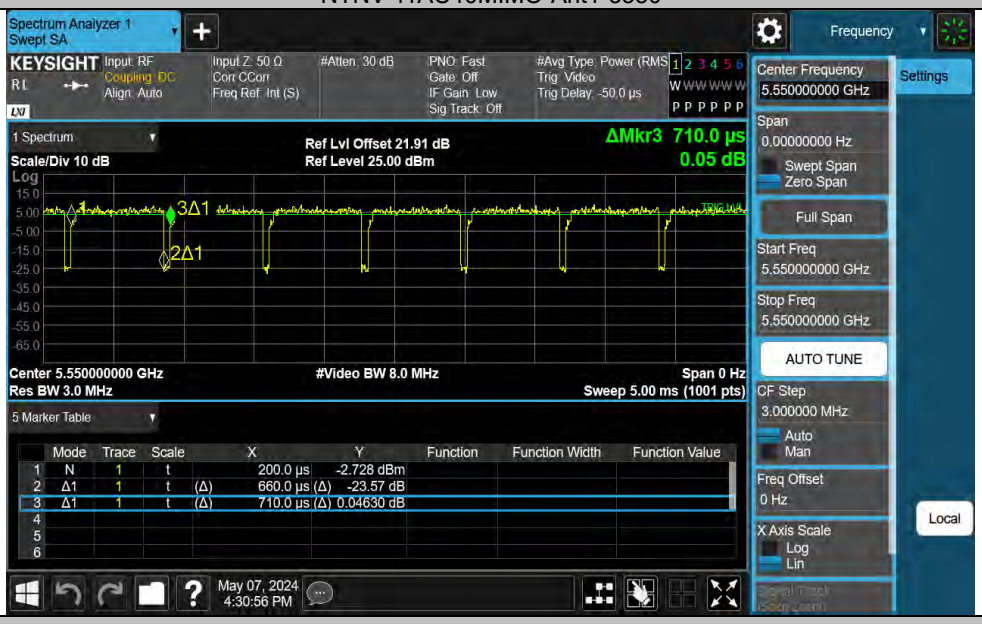

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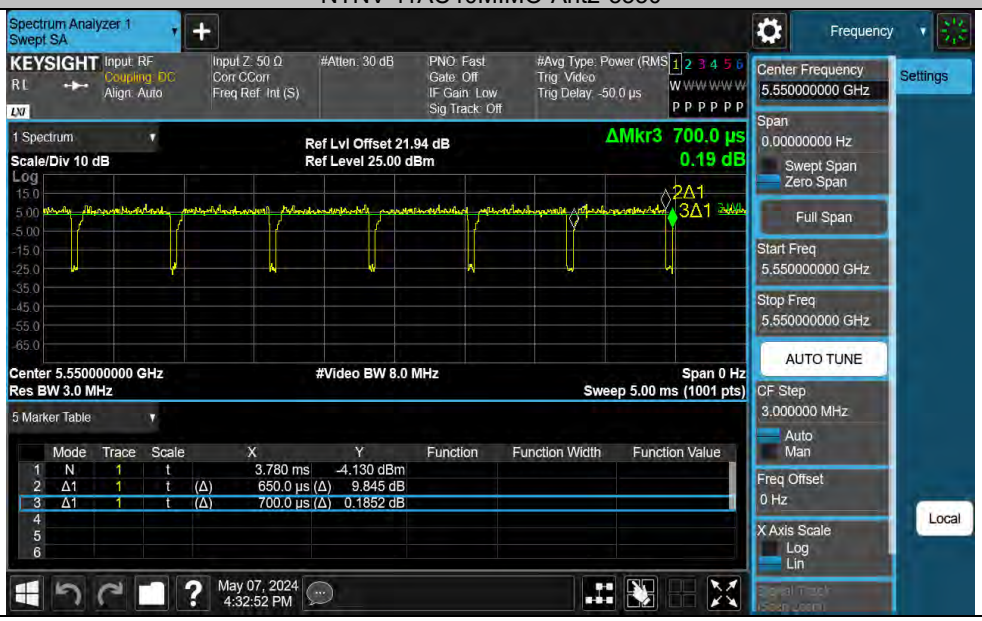

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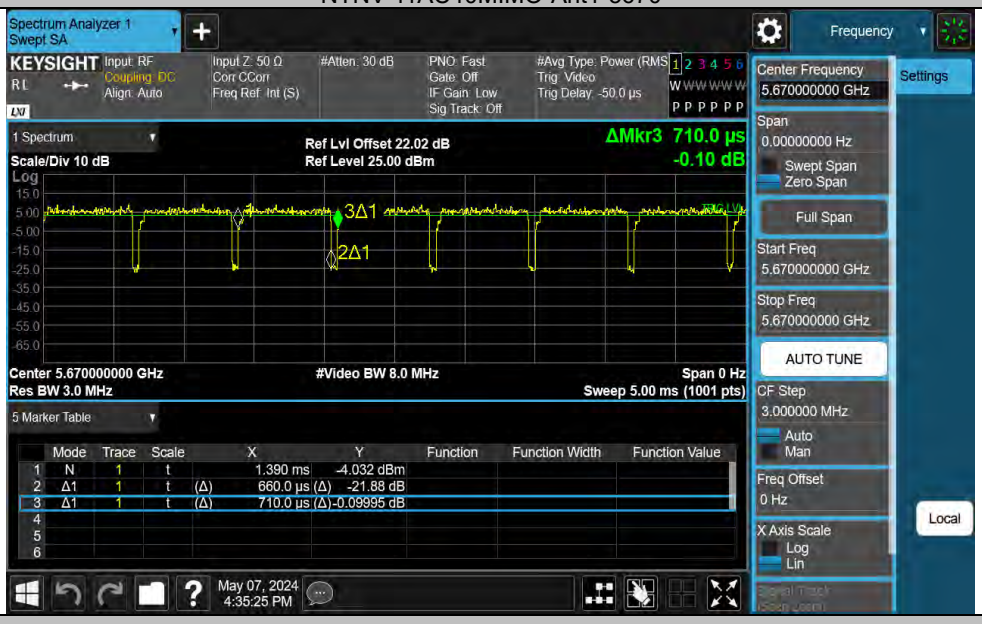

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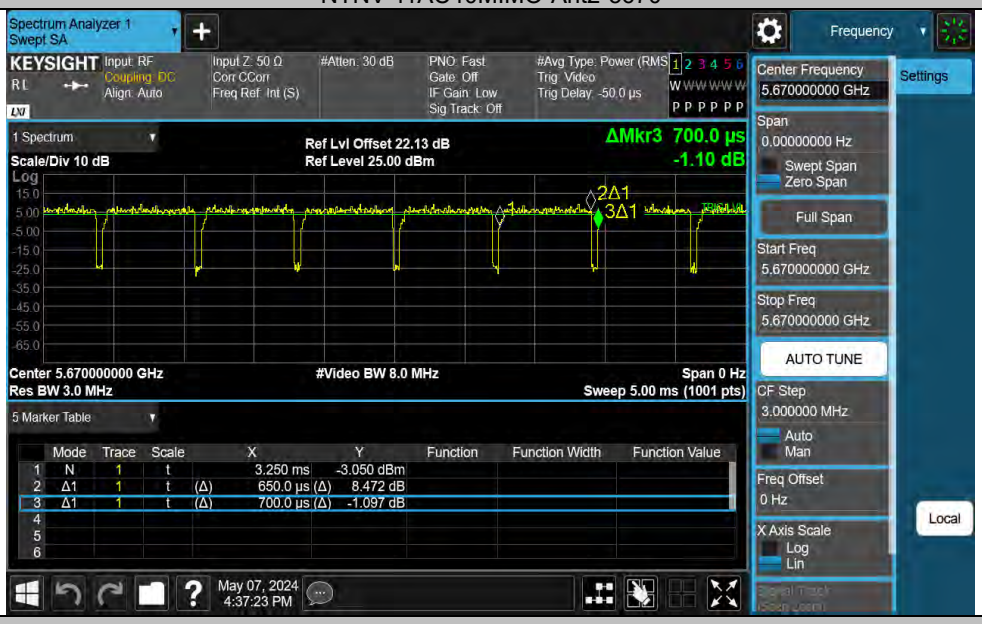

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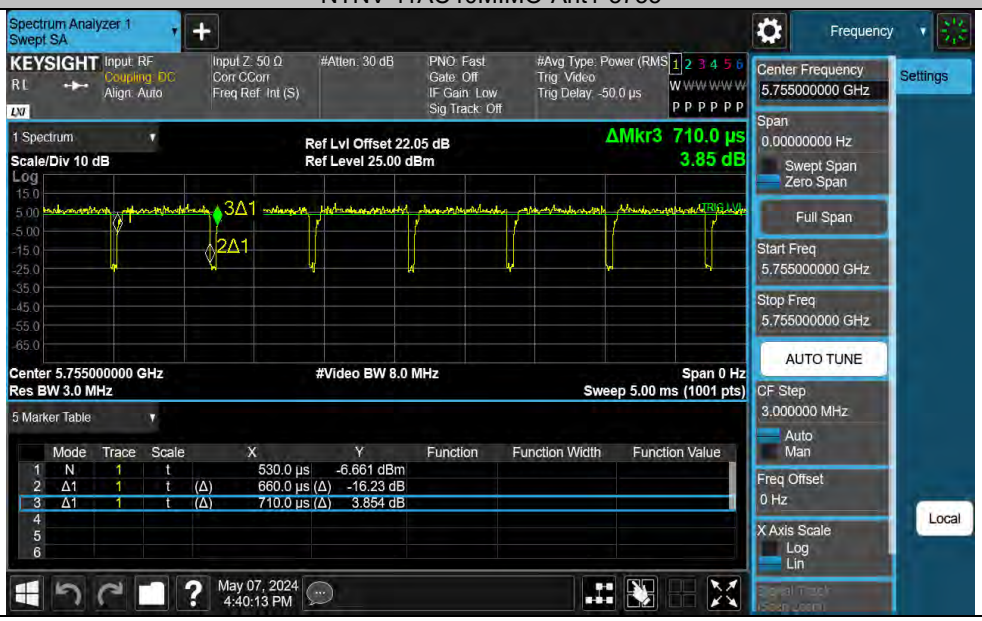

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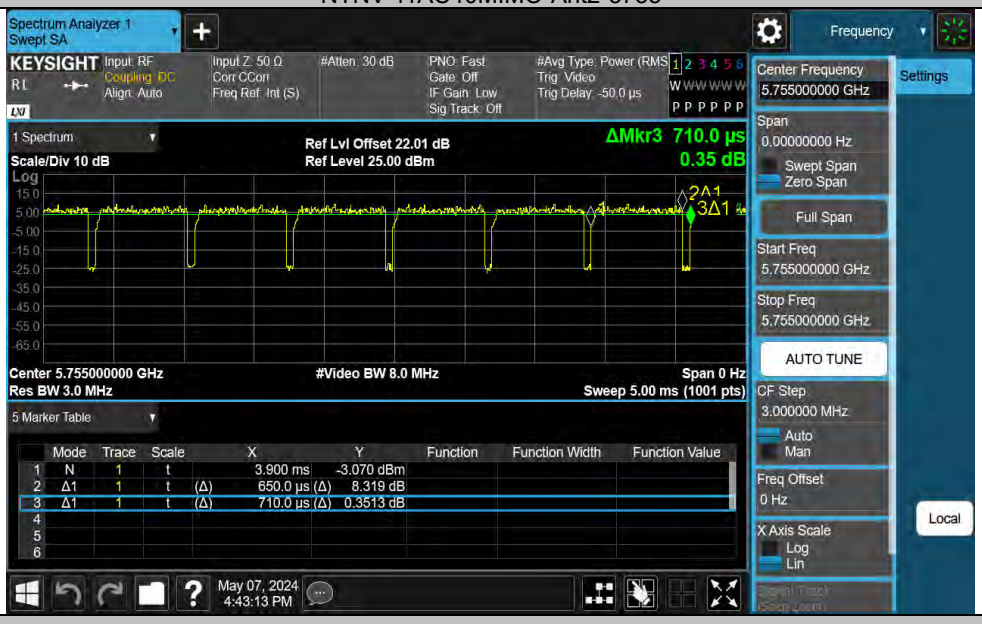

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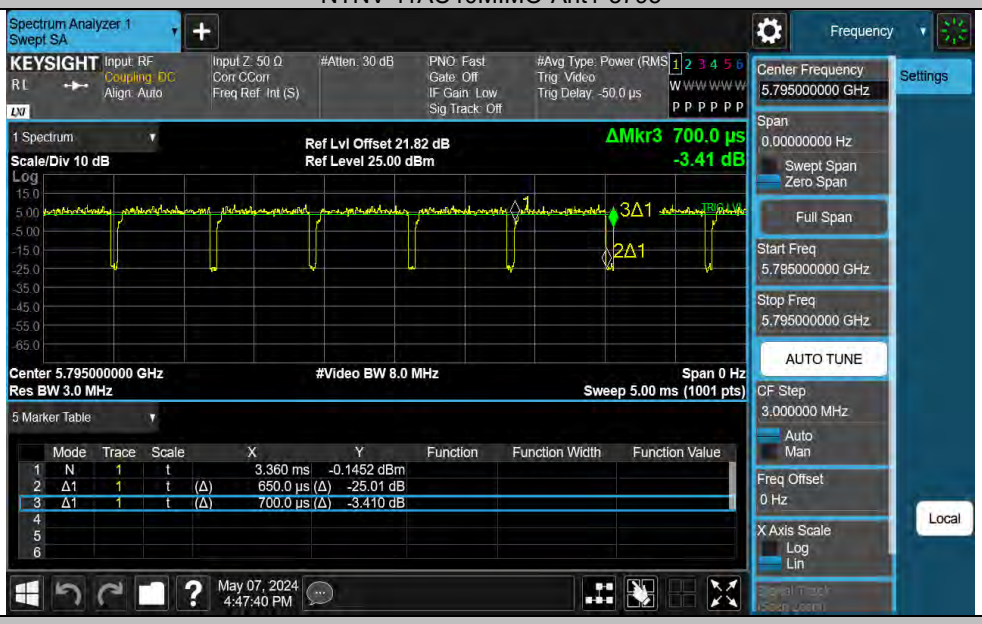

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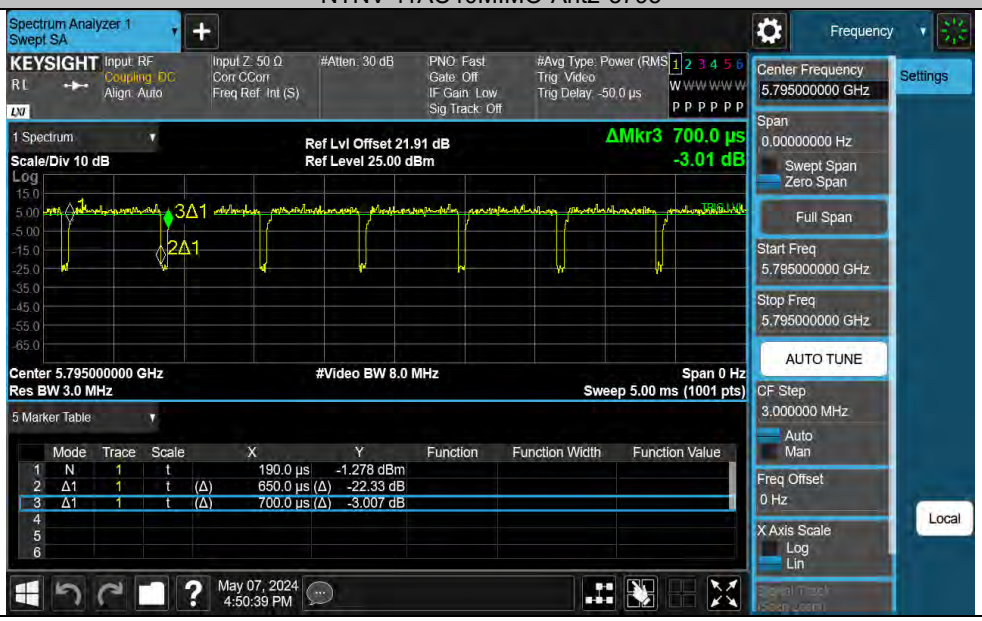
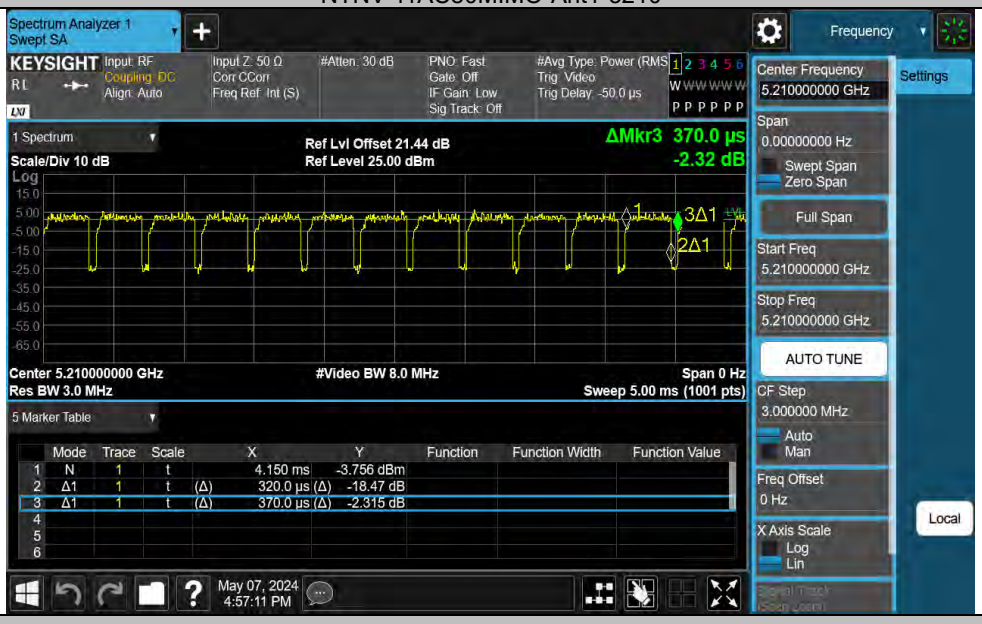
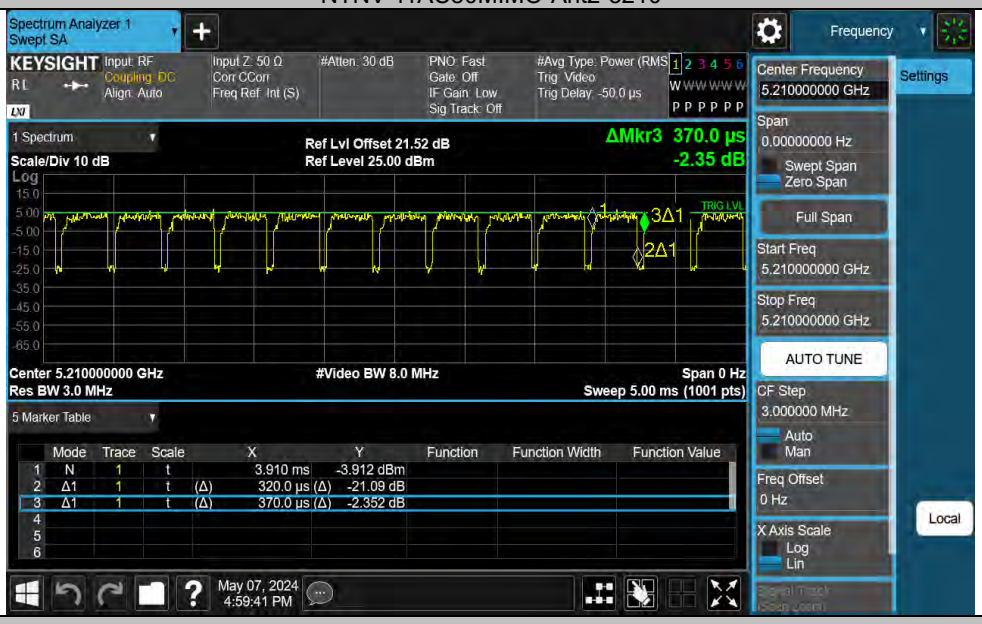


NTNV-11AC80MIMO-Ant1-5210



NTNV-11AC80MIMO-Ant2-5210



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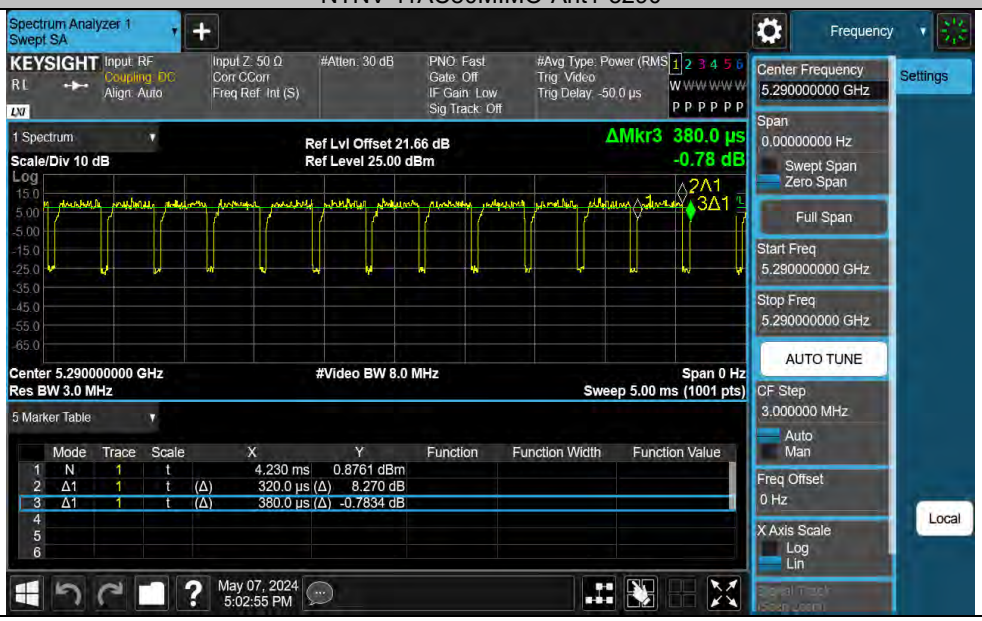

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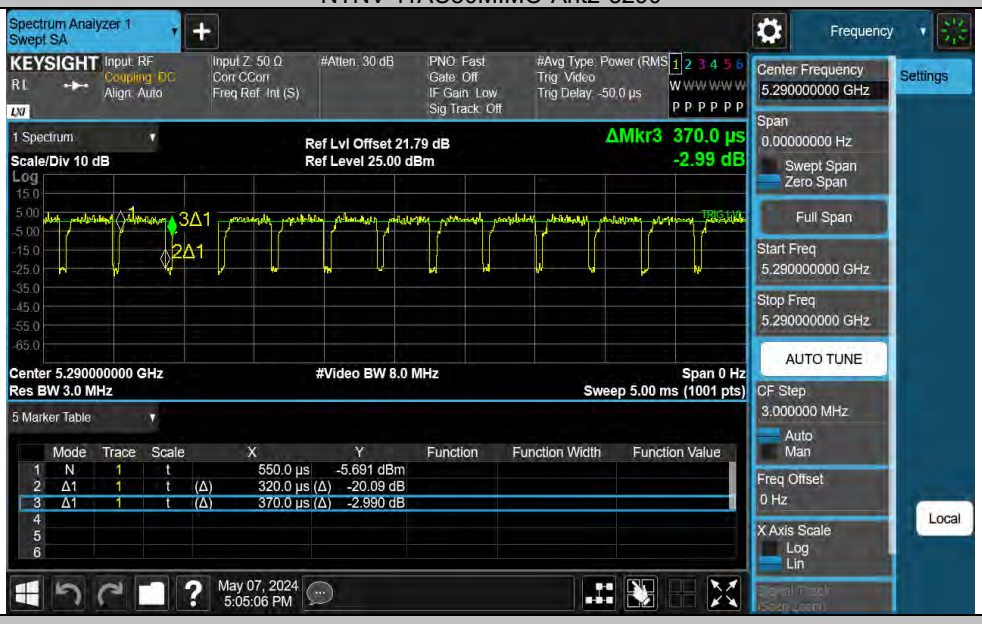

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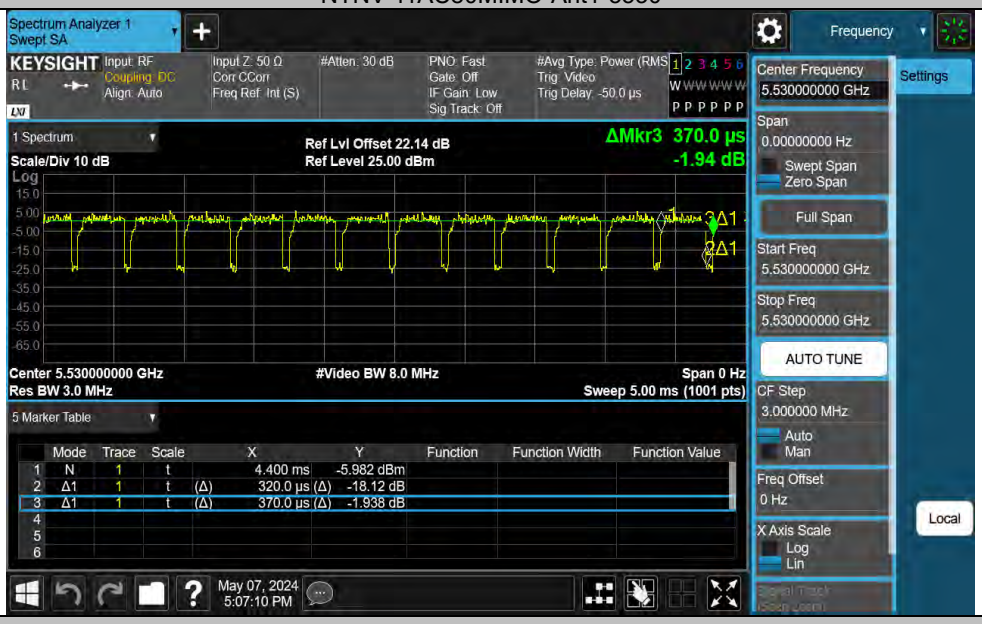

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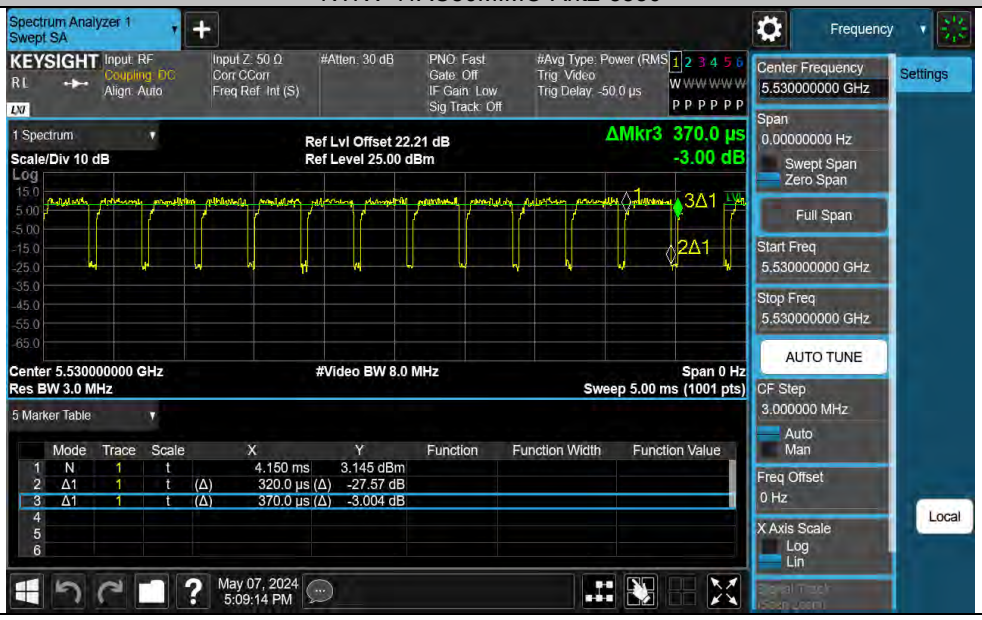

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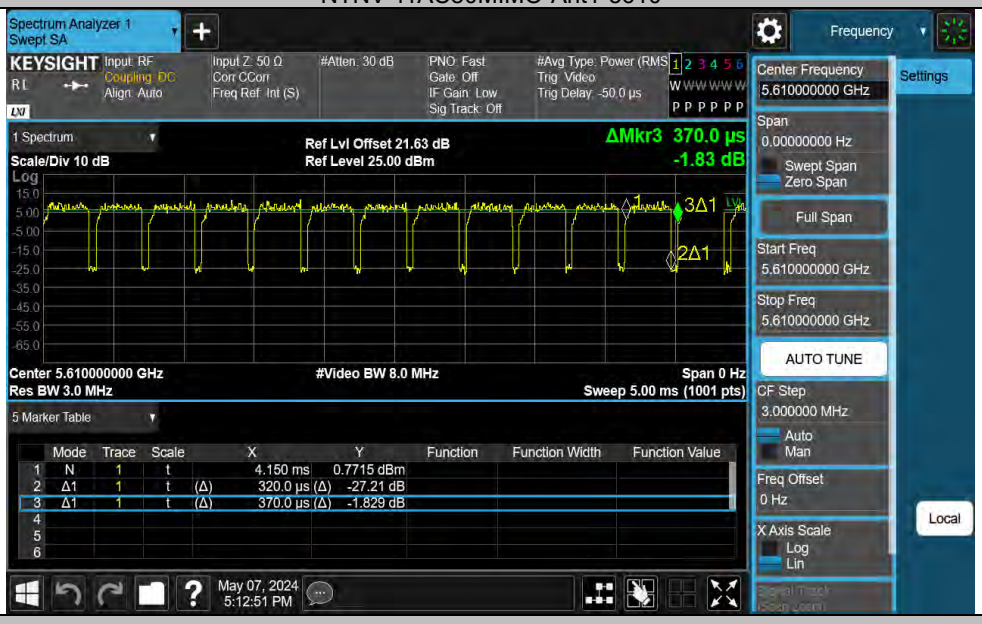

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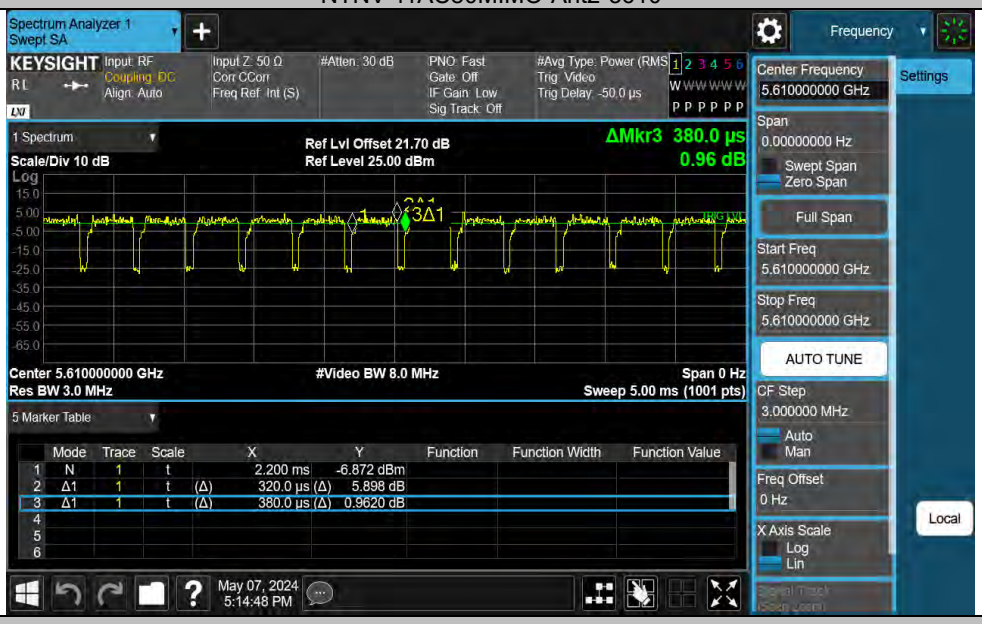

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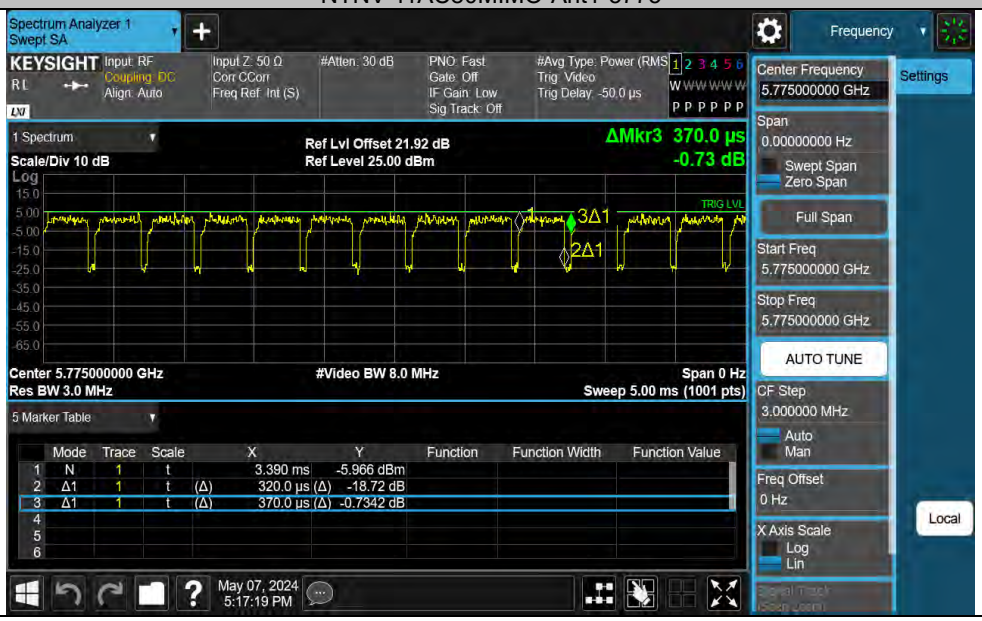

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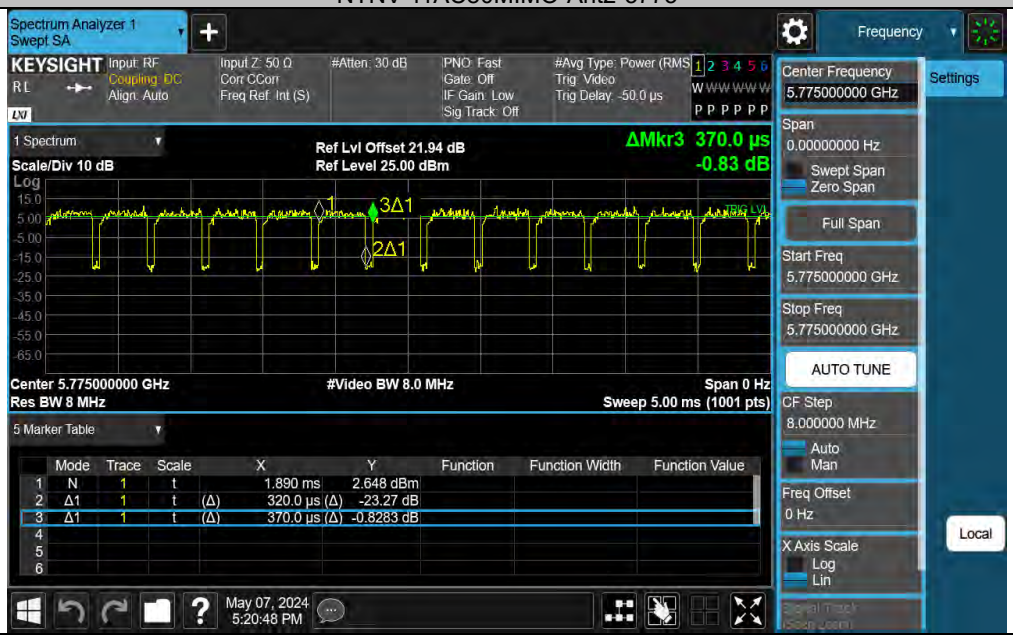


Appendix C: Maximum conducted output power
Test Result Channel Power

Test Mode	Antenna	Frequency [MHz]	Channel Powert [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	11.98	96.53	0.15	12.13	≤23.98	PASS
11A	Ant2	5180	11.76	95.86	0.18	11.94	≤23.98	PASS
11A	Ant1	5200	11.61	95.86	0.18	11.79	≤23.98	PASS
11A	Ant2	5200	11.53	95.86	0.18	11.71	≤23.98	PASS
11A	Ant1	5240	11.81	96.53	0.15	11.96	≤23.98	PASS
11A	Ant2	5240	11.42	96.53	0.15	11.57	≤23.98	PASS
11A	Ant1	5260	10.23	96.53	0.15	10.38	≤23.98	PASS
11A	Ant2	5260	9.79	96.53	0.15	9.94	≤23.97	PASS
11A	Ant1	5300	10.14	96.53	0.15	10.29	≤23.98	PASS
11A	Ant2	5300	9.94	96.53	0.15	10.09	≤23.98	PASS
11A	Ant1	5320	10.06	95.86	0.18	10.24	≤23.98	PASS
11A	Ant2	5320	9.71	95.86	0.18	9.89	≤23.96	PASS
11A	Ant1	5500	9.99	96.53	0.15	10.14	≤23.96	PASS
11A	Ant2	5500	9.72	95.86	0.18	9.90	≤23.98	PASS
11A	Ant1	5580	10.00	95.86	0.18	10.18	≤23.98	PASS
11A	Ant2	5580	9.63	96.55	0.15	9.78	≤23.95	PASS
11A	Ant1	5700	10.46	96.53	0.15	10.61	≤23.95	PASS
11A	Ant2	5700	10.20	95.86	0.18	10.38	≤23.98	PASS
11A	Ant1	5745	10.52	96.53	0.15	10.67	≤30.00	PASS
11A	Ant2	5745	10.09	95.86	0.18	10.27	≤30.00	PASS
11A	Ant1	5785	9.64	95.86	0.18	9.82	≤30.00	PASS
11A	Ant2	5785	9.96	95.86	0.18	10.14	≤30.00	PASS
11A	Ant1	5825	9.97	95.86	0.18	10.15	≤30.00	PASS
11A	Ant2	5825	9.92	96.53	0.15	10.07	≤30.00	PASS
11N20MIMO	Ant1	5180	10.14	96.30	0.16	10.30	≤23.98	PASS
11N20MIMO	Ant2	5180	10.09	95.59	0.20	10.29	≤23.98	PASS
11N20MIMO	total	5180	---	---	---	13.31	≤23.98	PASS
11N20MIMO	Ant1	5200	9.75	96.30	0.16	9.91	≤23.98	PASS
11N20MIMO	Ant2	5200	9.98	95.59	0.20	10.18	≤23.98	PASS
11N20MIMO	total	5200	---	---	---	13.06	≤23.98	PASS
11N20MIMO	Ant1	5240	9.74	96.30	0.16	9.90	≤23.98	PASS
11N20MIMO	Ant2	5240	9.94	96.30	0.16	10.10	≤23.98	PASS
11N20MIMO	total	5240	---	---	---	13.01	≤23.98	PASS
11N20MIMO	Ant1	5260	7.56	96.30	0.16	7.72	≤23.98	PASS
11N20MIMO	Ant2	5260	7.66	95.59	0.20	7.86	≤23.98	PASS
11N20MIMO	total	5260	---	---	---	10.80	≤23.98	PASS
11N20MIMO	Ant1	5300	7.61	95.59	0.20	7.81	≤23.98	PASS
11N20MIMO	Ant2	5300	7.67	96.30	0.16	7.83	≤23.98	PASS
11N20MIMO	total	5300	---	---	---	10.83	≤23.98	PASS
11N20MIMO	Ant1	5320	7.51	96.30	0.16	7.67	≤23.98	PASS
11N20MIMO	Ant2	5320	7.40	95.59	0.20	7.60	≤23.98	PASS
11N20MIMO	total	5320	---	---	---	10.65	≤23.98	PASS
11N20MIMO	Ant1	5500	7.61	95.59	0.20	7.81	≤23.98	PASS
11N20MIMO	Ant2	5500	7.55	96.30	0.16	7.71	≤23.98	PASS
11N20MIMO	total	5500	---	---	---	10.77	≤23.98	PASS
11N20MIMO	Ant1	5580	7.69	96.30	0.16	7.85	≤23.98	PASS
11N20MIMO	Ant2	5580	7.85	96.30	0.16	8.01	≤23.98	PASS
11N20MIMO	total	5580	---	---	---	10.94	≤23.98	PASS
11N20MIMO	Ant1	5700	7.82	95.59	0.20	8.02	≤23.98	PASS
11N20MIMO	Ant2	5700	8.31	96.30	0.16	8.47	≤23.98	PASS
11N20MIMO	total	5700	---	---	---	11.26	≤23.98	PASS
11N20MIMO	Ant1	5745	7.82	96.30	0.16	7.98	≤30.00	PASS

11N20MIMO	Ant2	5745	8.37	95.59	0.20	8.57	≤30.00	PASS
11N20MIMO	total	5745	---	---	---	11.30	≤30.00	PASS
11N20MIMO	Ant1	5785	7.55	96.30	0.16	7.71	≤30.00	PASS
11N20MIMO	Ant2	5785	8.27	96.30	0.16	8.43	≤30.00	PASS
11N20MIMO	total	5785	---	---	---	11.10	≤30.00	PASS
11N20MIMO	Ant1	5825	7.57	96.30	0.16	7.73	≤30.00	PASS
11N20MIMO	Ant2	5825	8.41	95.59	0.20	8.61	≤30.00	PASS
11N20MIMO	total	5825	---	---	---	11.20	≤30.00	PASS
11N40MIMO	Ant1	5190	11.71	92.86	0.32	12.03	≤23.98	PASS
11N40MIMO	Ant2	5190	11.87	92.86	0.32	12.19	≤23.98	PASS
11N40MIMO	total	5190	---	---	---	15.12	≤23.98	PASS
11N40MIMO	Ant1	5230	11.72	92.86	0.32	12.04	≤23.98	PASS
11N40MIMO	Ant2	5230	11.54	91.43	0.39	11.93	≤23.98	PASS
11N40MIMO	total	5230	---	---	---	15.00	≤23.98	PASS
11N40MIMO	Ant1	5270	9.54	92.86	0.32	9.86	≤23.98	PASS
11N40MIMO	Ant2	5270	9.44	92.86	0.32	9.76	≤23.98	PASS
11N40MIMO	total	5270	---	---	---	12.82	≤23.98	PASS
11N40MIMO	Ant1	5310	9.32	92.86	0.32	9.64	≤23.98	PASS
11N40MIMO	Ant2	5310	9.34	92.86	0.32	9.66	≤23.98	PASS
11N40MIMO	total	5310	---	---	---	12.66	≤23.98	PASS
11N40MIMO	Ant1	5510	9.31	91.43	0.39	9.70	≤23.98	PASS
11N40MIMO	Ant2	5510	9.14	91.43	0.39	9.53	≤23.98	PASS
11N40MIMO	total	5510	---	---	---	12.63	≤23.98	PASS
11N40MIMO	Ant1	5550	9.20	91.43	0.39	9.59	≤23.98	PASS
11N40MIMO	Ant2	5550	9.15	91.43	0.39	9.54	≤23.98	PASS
11N40MIMO	total	5550	---	---	---	12.58	≤23.98	PASS
11N40MIMO	Ant1	5670	9.30	91.43	0.39	9.69	≤23.98	PASS
11N40MIMO	Ant2	5670	9.54	91.43	0.39	9.93	≤23.98	PASS
11N40MIMO	total	5670	---	---	---	12.82	≤23.98	PASS
11N40MIMO	Ant1	5755	9.55	92.86	0.32	9.87	≤30.00	PASS
11N40MIMO	Ant2	5755	9.66	92.86	0.32	9.98	≤30.00	PASS
11N40MIMO	total	5755	---	---	---	12.94	≤30.00	PASS
11N40MIMO	Ant1	5795	9.22	92.86	0.32	9.54	≤30.00	PASS
11N40MIMO	Ant2	5795	9.51	91.43	0.39	9.90	≤30.00	PASS
11N40MIMO	total	5795	---	---	---	12.73	≤30.00	PASS
11AC20MIMO	Ant1	5180	9.75	96.32	0.16	9.91	≤23.98	PASS
11AC20MIMO	Ant2	5180	9.64	96.32	0.16	9.80	≤23.98	PASS
11AC20MIMO	total	5180	---	---	---	12.87	≤23.98	PASS
11AC20MIMO	Ant1	5200	9.33	95.62	0.19	9.52	≤23.98	PASS
11AC20MIMO	Ant2	5200	9.68	96.32	0.16	9.84	≤23.98	PASS
11AC20MIMO	total	5200	---	---	---	12.69	≤23.98	PASS
11AC20MIMO	Ant1	5240	9.44	96.32	0.16	9.60	≤23.98	PASS
11AC20MIMO	Ant2	5240	9.71	95.62	0.19	9.90	≤23.98	PASS
11AC20MIMO	total	5240	---	---	---	12.76	≤23.98	PASS
11AC20MIMO	Ant1	5260	7.41	96.32	0.16	7.57	≤23.98	PASS
11AC20MIMO	Ant2	5260	7.34	95.62	0.19	7.53	≤23.98	PASS
11AC20MIMO	total	5260	---	---	---	10.56	≤23.98	PASS
11AC20MIMO	Ant1	5300	7.39	95.62	0.19	7.58	≤23.98	PASS
11AC20MIMO	Ant2	5300	7.42	96.32	0.16	7.58	≤23.98	PASS
11AC20MIMO	total	5300	---	---	---	10.59	≤23.98	PASS
11AC20MIMO	Ant1	5320	7.22	96.32	0.16	7.38	≤23.98	PASS
11AC20MIMO	Ant2	5320	7.15	96.32	0.16	7.31	≤23.98	PASS
11AC20MIMO	total	5320	---	---	---	10.36	≤23.98	PASS
11AC20MIMO	Ant1	5500	7.49	96.32	0.16	7.65	≤23.98	PASS
11AC20MIMO	Ant2	5500	7.65	96.32	0.16	7.81	≤23.98	PASS
11AC20MIMO	total	5500	---	---	---	10.74	≤23.98	PASS
11AC20MIMO	Ant1	5580	7.37	96.32	0.16	7.53	≤23.98	PASS

11AC20MIMO	Ant2	5580	7.77	96.32	0.16	7.93	≤23.98	PASS
11AC20MIMO	total	5580	---	---	---	10.74	≤23.98	PASS
11AC20MIMO	Ant1	5700	7.76	96.32	0.16	7.92	≤23.98	PASS
11AC20MIMO	Ant2	5700	8.35	95.62	0.19	8.54	≤23.98	PASS
11AC20MIMO	total	5700	---	---	---	11.25	≤23.98	PASS
11AC20MIMO	Ant1	5745	8.16	95.62	0.19	8.35	≤30.00	PASS
11AC20MIMO	Ant2	5745	8.41	96.32	0.16	8.57	≤30.00	PASS
11AC20MIMO	total	5745	---	---	---	11.47	≤30.00	PASS
11AC20MIMO	Ant1	5785	7.63	96.32	0.16	7.79	≤30.00	PASS
11AC20MIMO	Ant2	5785	8.09	96.35	0.16	8.25	≤30.00	PASS
11AC20MIMO	total	5785	---	---	---	11.04	≤30.00	PASS
11AC20MIMO	Ant1	5825	7.67	96.32	0.16	7.83	≤30.00	PASS
11AC20MIMO	Ant2	5825	8.27	96.32	0.16	8.43	≤30.00	PASS
11AC20MIMO	total	5825	---	---	---	11.15	≤30.00	PASS
11AC40MIMO	Ant1	5190	11.81	91.55	0.38	12.19	≤23.98	PASS
11AC40MIMO	Ant2	5190	11.85	92.86	0.32	12.17	≤23.98	PASS
11AC40MIMO	total	5190	---	---	---	15.19	≤23.98	PASS
11AC40MIMO	Ant1	5230	11.80	91.55	0.38	12.18	≤23.98	PASS
11AC40MIMO	Ant2	5230	11.60	91.55	0.38	11.98	≤23.98	PASS
11AC40MIMO	total	5230	---	---	---	15.09	≤23.98	PASS
11AC40MIMO	Ant1	5270	9.21	91.55	0.38	9.59	≤23.98	PASS
11AC40MIMO	Ant2	5270	9.12	92.86	0.32	9.44	≤23.98	PASS
11AC40MIMO	total	5270	---	---	---	12.53	≤23.98	PASS
11AC40MIMO	Ant1	5310	8.89	92.86	0.32	9.21	≤23.98	PASS
11AC40MIMO	Ant2	5310	8.89	92.86	0.32	9.21	≤23.98	PASS
11AC40MIMO	total	5310	---	---	---	12.22	≤23.98	PASS
11AC40MIMO	Ant1	5510	9.23	92.86	0.32	9.55	≤23.98	PASS
11AC40MIMO	Ant2	5510	9.15	92.86	0.32	9.47	≤23.98	PASS
11AC40MIMO	total	5510	---	---	---	12.52	≤23.98	PASS
11AC40MIMO	Ant1	5550	9.19	92.96	0.32	9.51	≤23.98	PASS
11AC40MIMO	Ant2	5550	9.29	92.86	0.32	9.61	≤23.98	PASS
11AC40MIMO	total	5550	---	---	---	12.57	≤23.98	PASS
11AC40MIMO	Ant1	5670	9.54	92.96	0.32	9.86	≤23.98	PASS
11AC40MIMO	Ant2	5670	9.89	92.86	0.32	10.21	≤23.98	PASS
11AC40MIMO	total	5670	---	---	---	13.05	≤23.98	PASS
11AC40MIMO	Ant1	5755	9.80	92.96	0.32	10.12	≤30.00	PASS
11AC40MIMO	Ant2	5755	10.01	91.55	0.38	10.39	≤30.00	PASS
11AC40MIMO	total	5755	---	---	---	13.27	≤30.00	PASS
11AC40MIMO	Ant1	5795	9.43	92.86	0.32	9.75	≤30.00	PASS
11AC40MIMO	Ant2	5795	9.90	92.86	0.32	10.22	≤30.00	PASS
11AC40MIMO	total	5795	---	---	---	13.00	≤30.00	PASS
11AC80MIMO	Ant1	5210	11.07	84.80	0.72	11.79	≤23.98	PASS
11AC80MIMO	Ant2	5210	10.81	84.80	0.72	11.53	≤23.98	PASS
11AC80MIMO	total	5210	---	---	---	14.67	≤23.98	PASS
11AC80MIMO	Ant1	5290	10.52	84.80	0.72	11.24	≤23.98	PASS
11AC80MIMO	Ant2	5290	10.65	84.80	0.72	11.37	≤23.98	PASS
11AC80MIMO	total	5290	---	---	---	14.32	≤23.98	PASS
11AC80MIMO	Ant1	5530	10.91	84.80	0.72	11.63	≤23.98	PASS
11AC80MIMO	Ant2	5530	10.75	84.00	0.76	11.51	≤23.98	PASS
11AC80MIMO	total	5530	---	---	---	14.58	≤23.98	PASS
11AC80MIMO	Ant1	5610	10.45	84.13	0.75	11.20	≤23.98	PASS
11AC80MIMO	Ant2	5610	10.48	84.80	0.72	11.20	≤23.98	PASS
11AC80MIMO	total	5610	---	---	---	14.21	≤23.98	PASS
11AC80MIMO	Ant1	5775	11.01	84.13	0.75	11.76	≤30.00	PASS
11AC80MIMO	Ant2	5775	10.86	84.80	0.72	11.58	≤30.00	PASS
11AC80MIMO	total	5775	---	---	---	14.68	≤30.00	PASS

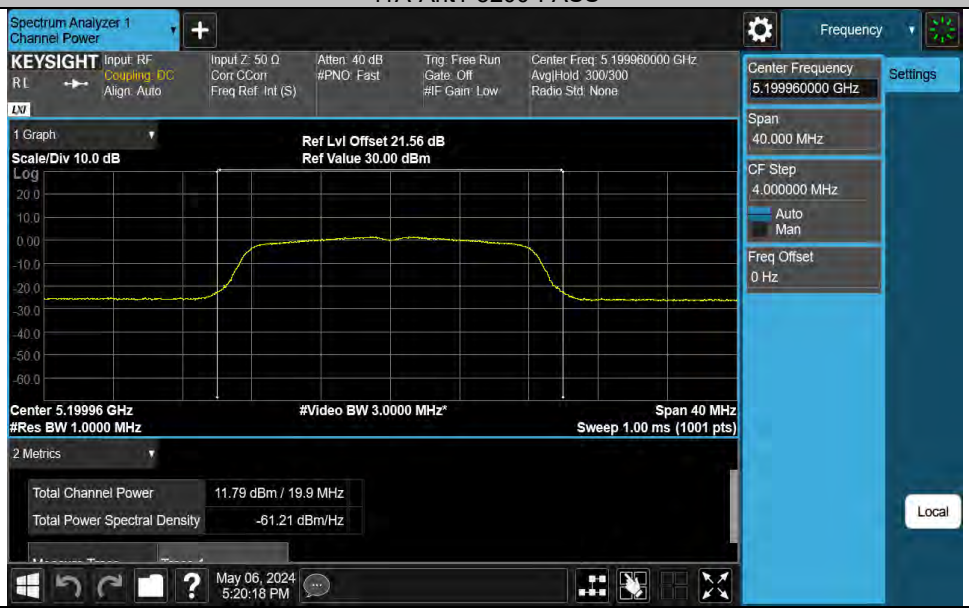
Note：The Duty Cycle Factor is compensated in the graph.

Test Graphs Channel Power

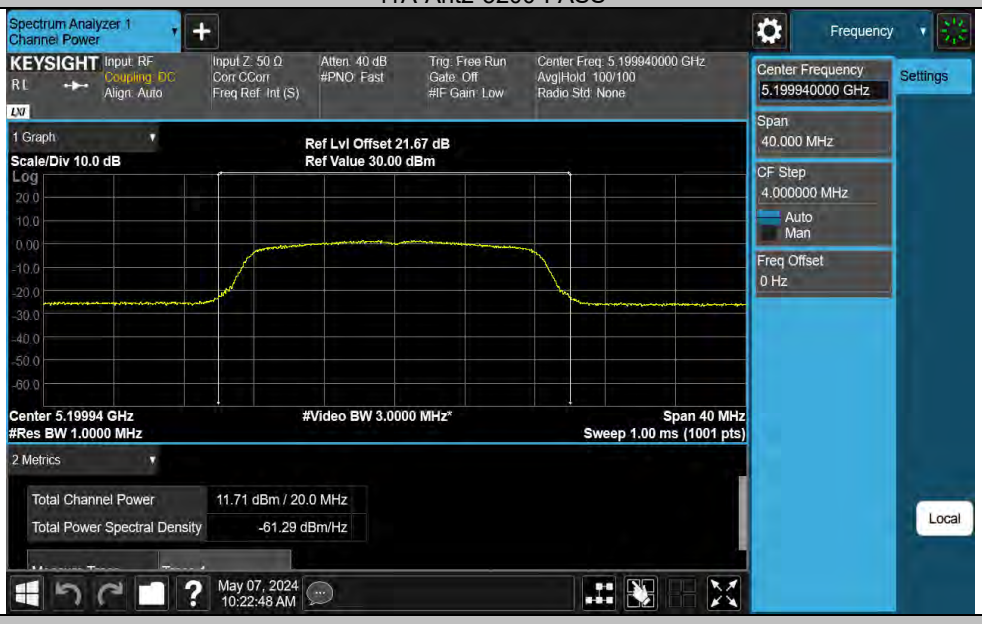
11A-Ant1-5180-PASS

11A-Ant2-5180-PASS

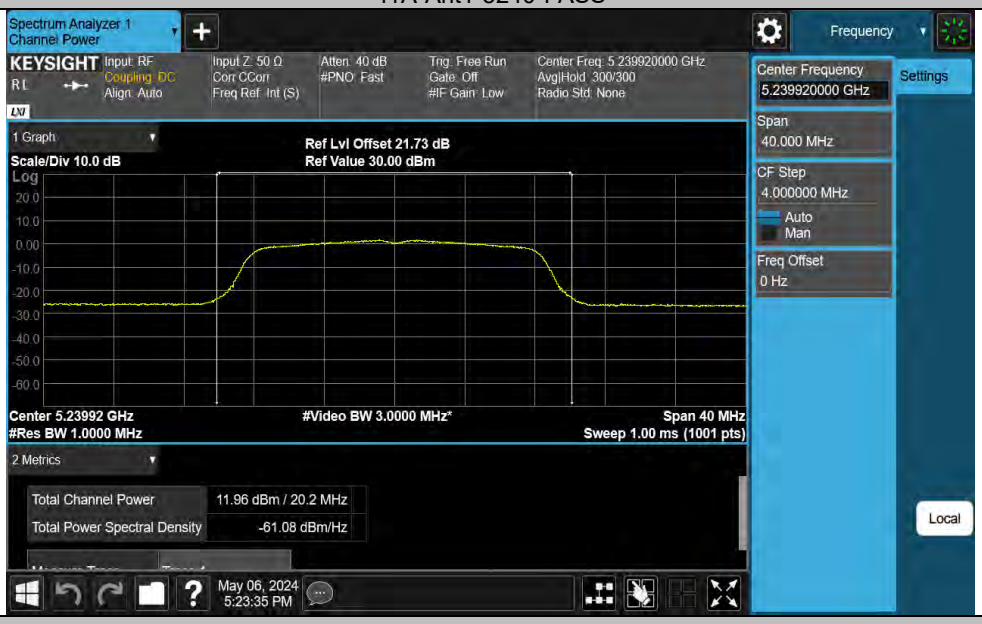
11A-Ant1-5200-PASS



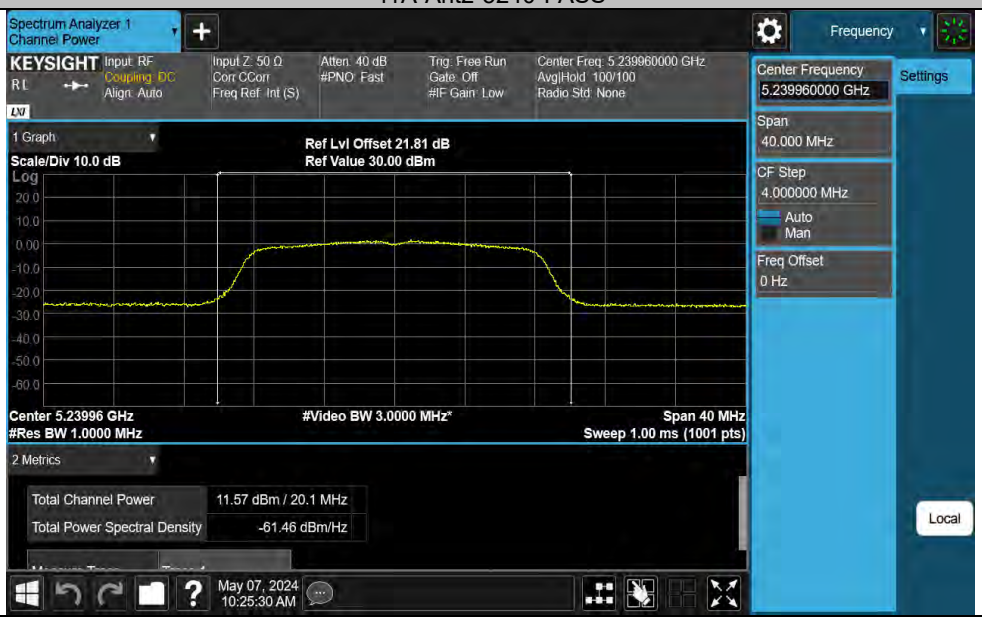
11A-Ant2-5200-PASS



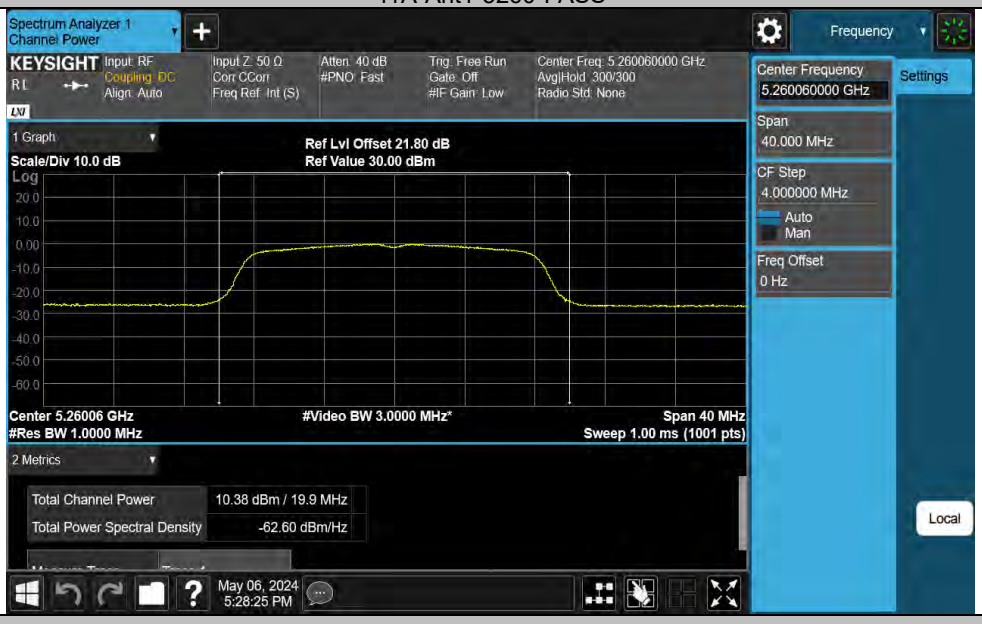
11A-Ant1-5240-PASS



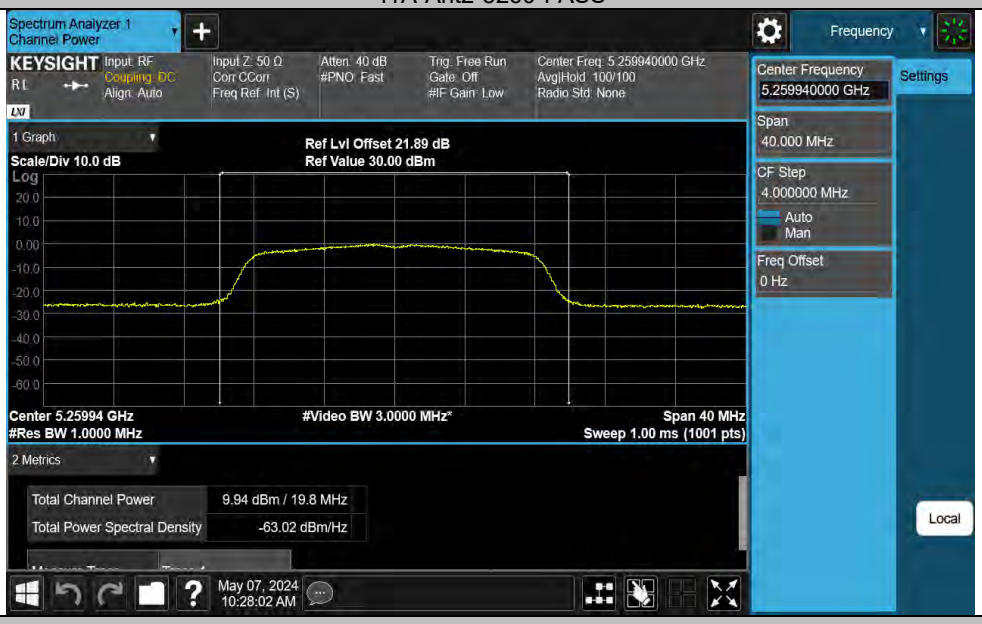
11A-Ant2-5240-PASS



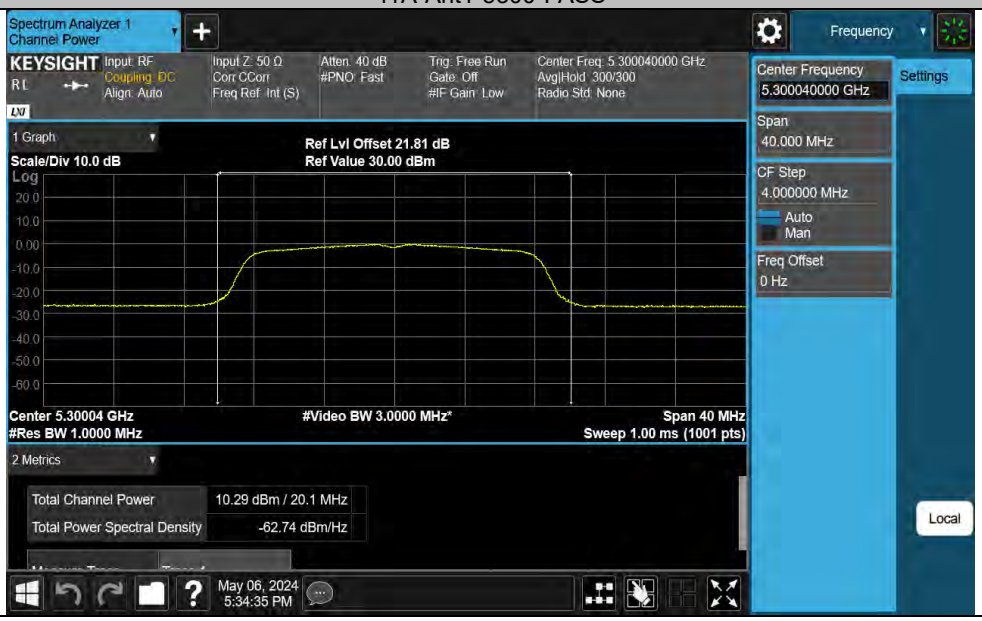
11A-Ant1-5260-PASS



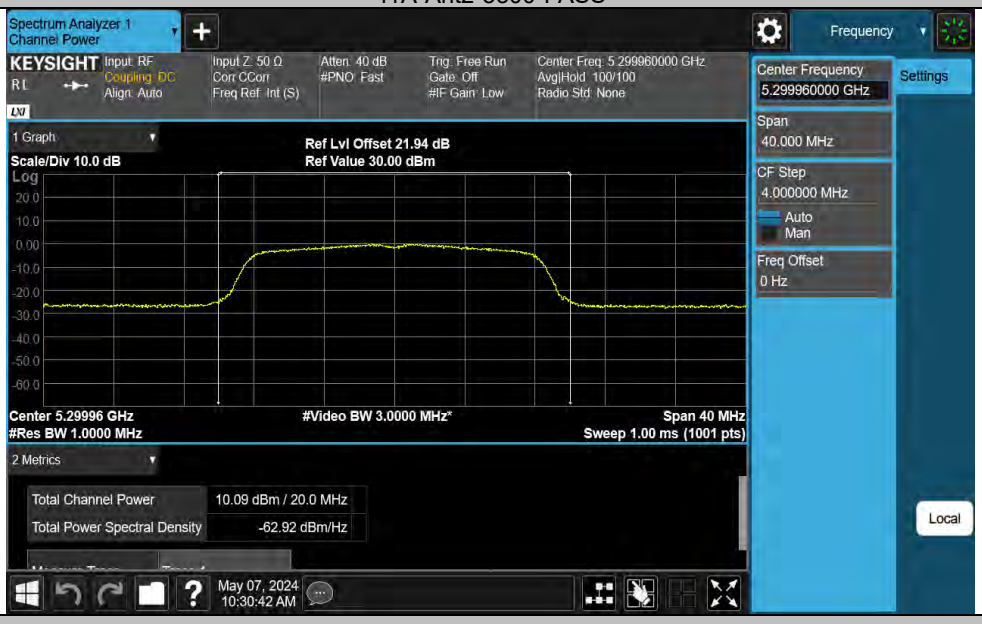
11A-Ant2-5260-PASS



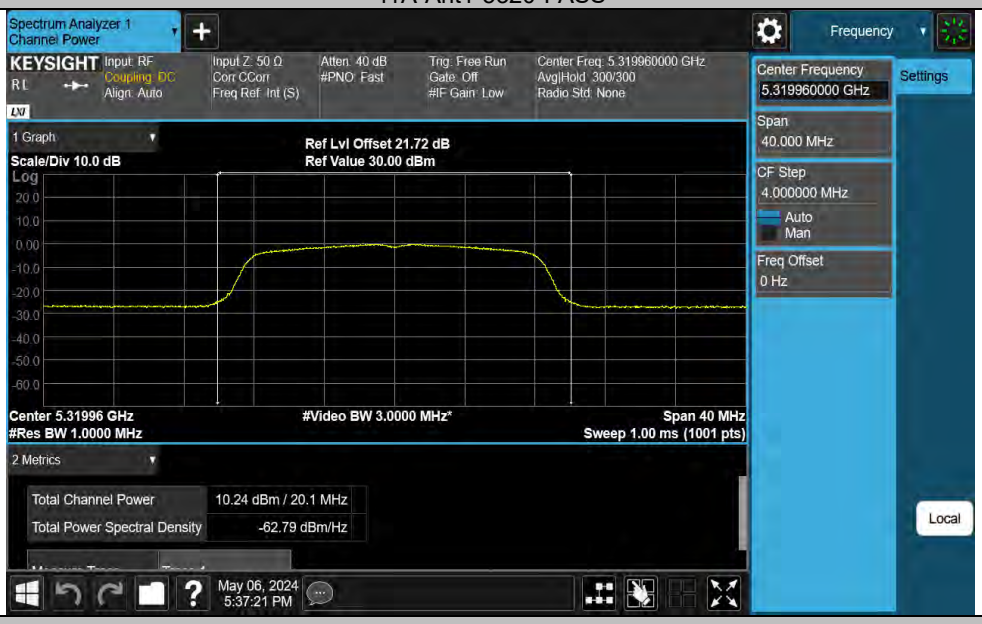
11A-Ant1-5300-PASS



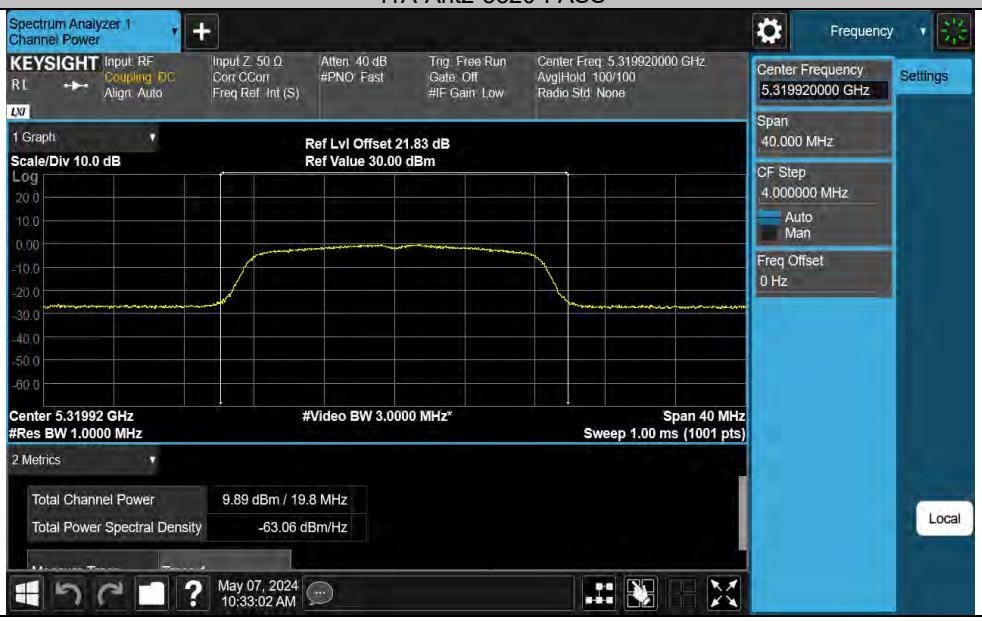
11A-Ant2-5300-PASS



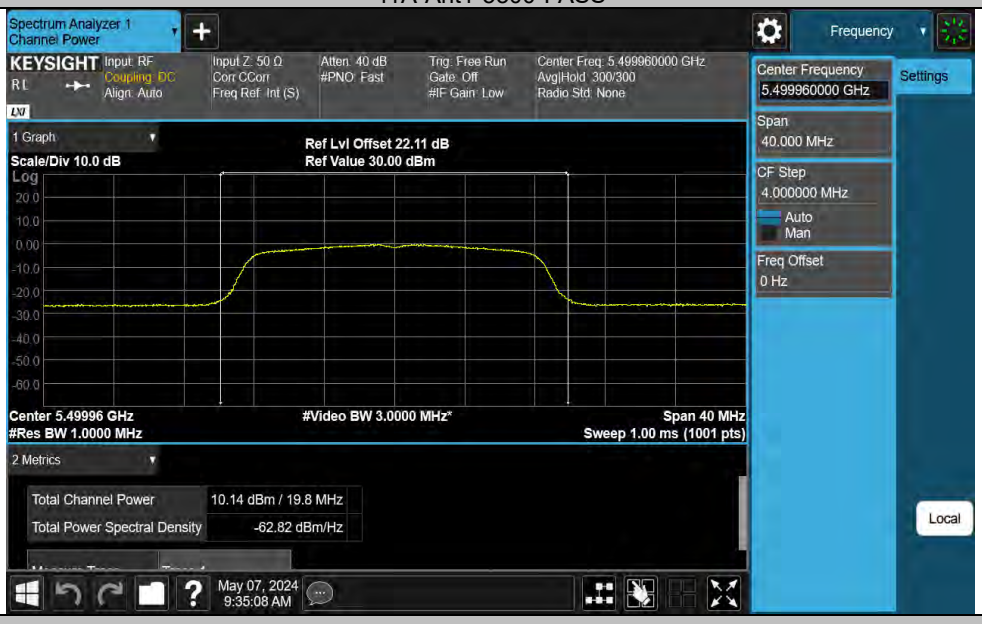
11A-Ant1-5320-PASS



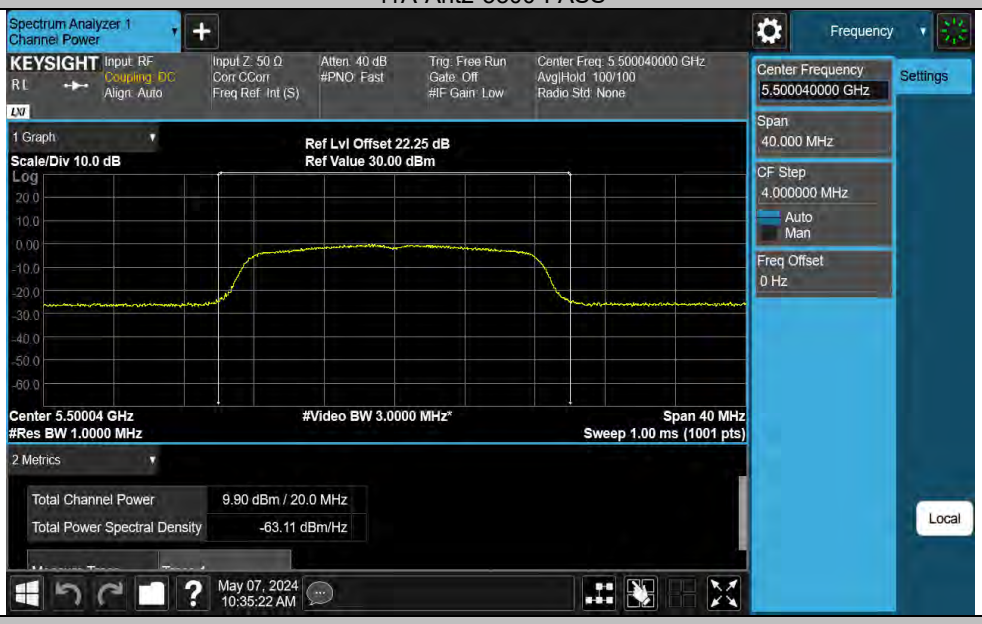
11A-Ant2-5320-PASS



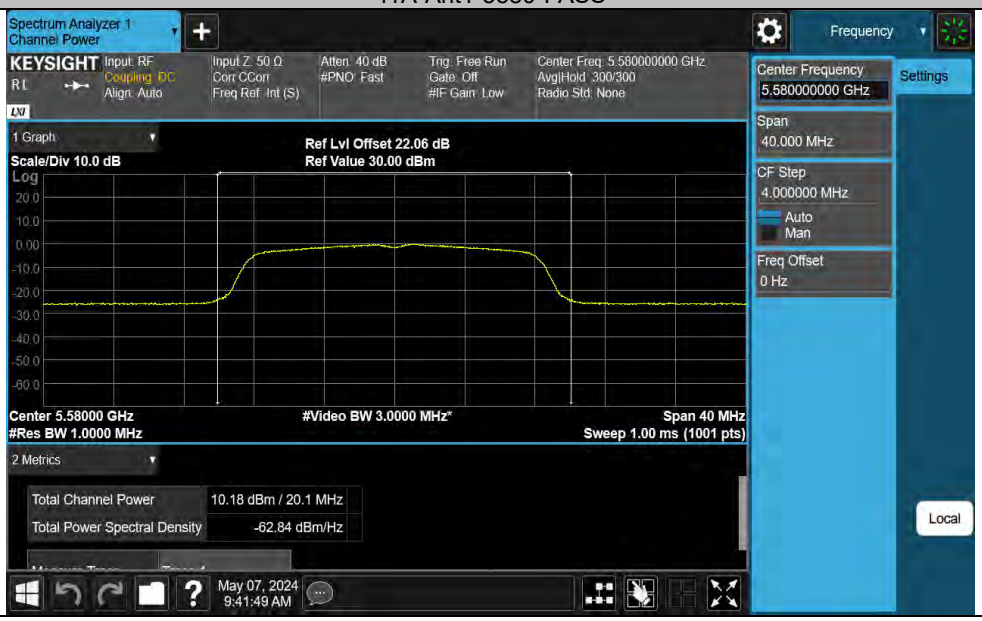
11A-Ant1-5500-PASS



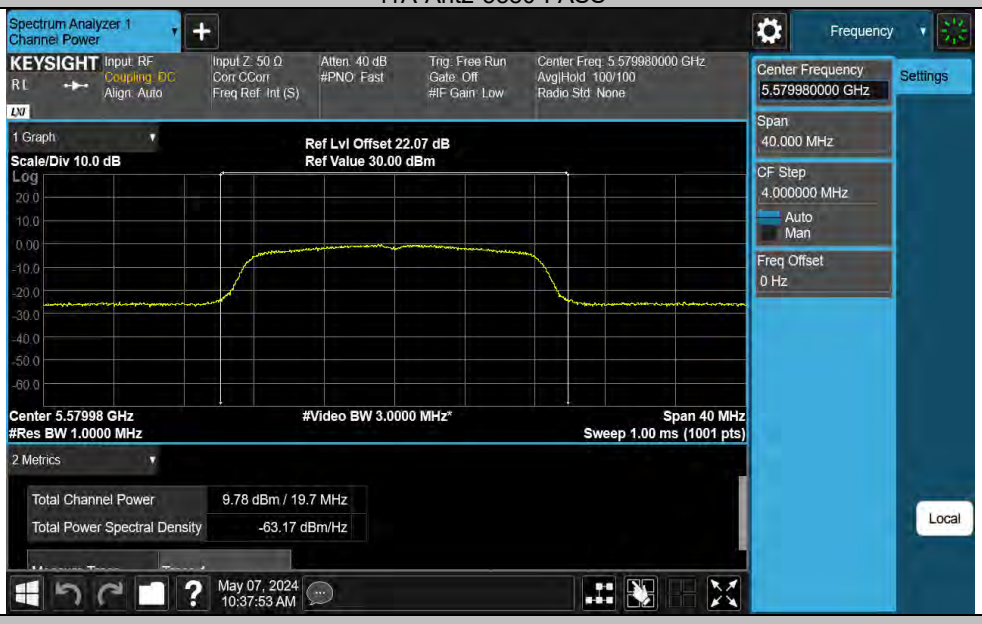
11A-Ant2-5500-PASS



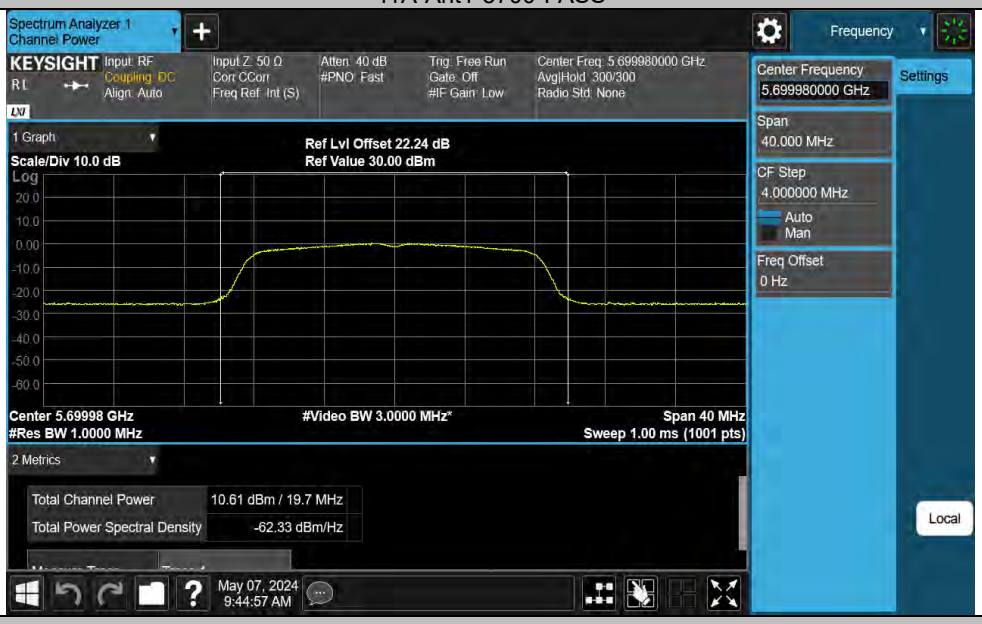
11A-Ant1-5580-PASS



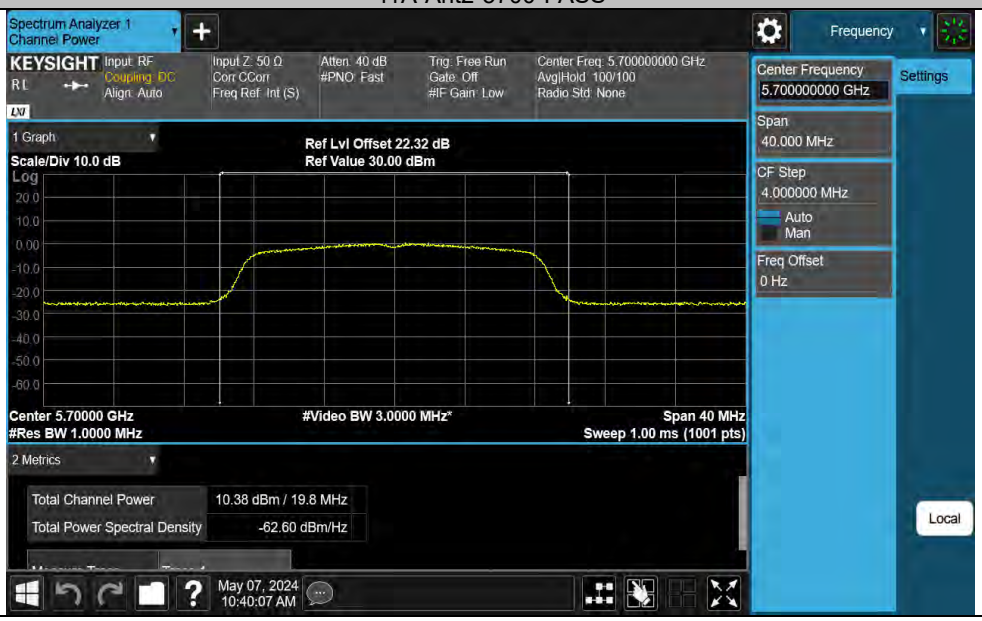
11A-Ant2-5580-PASS



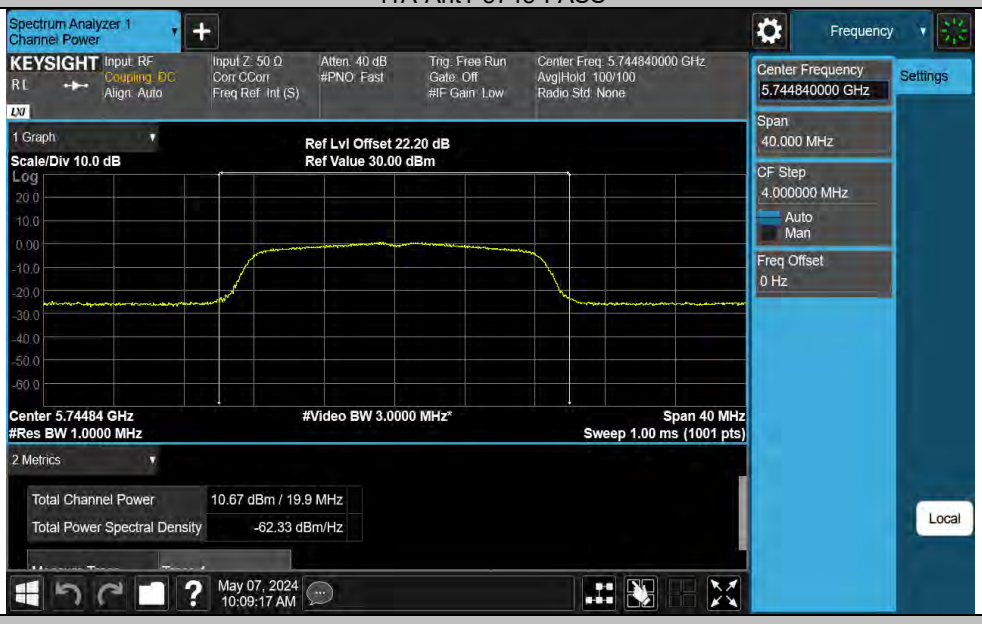
11A-Ant1-5700-PASS



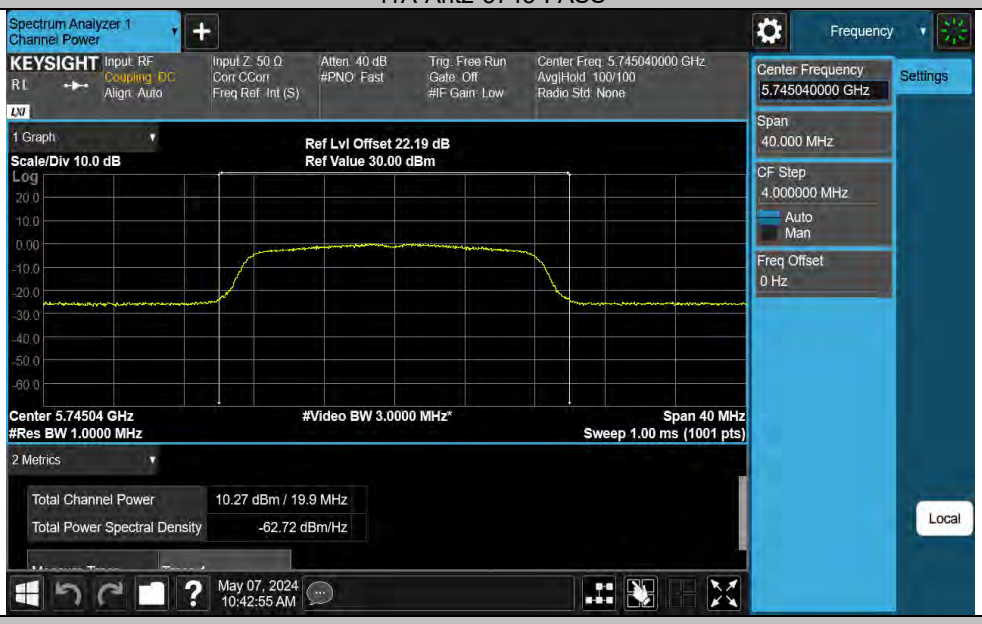
11A-Ant2-5700-PASS



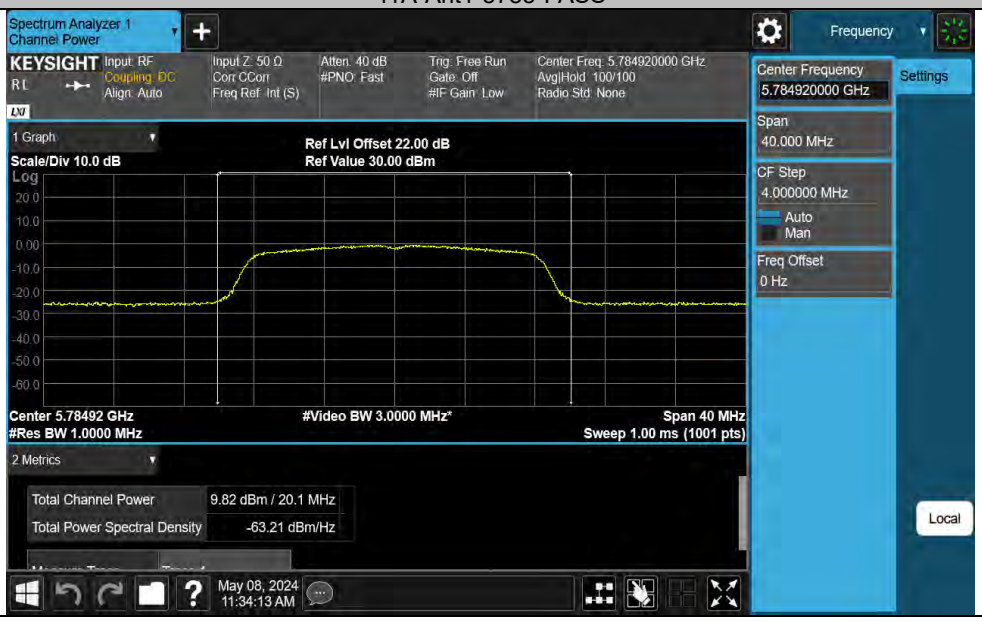
11A-Ant1-5745-PASS



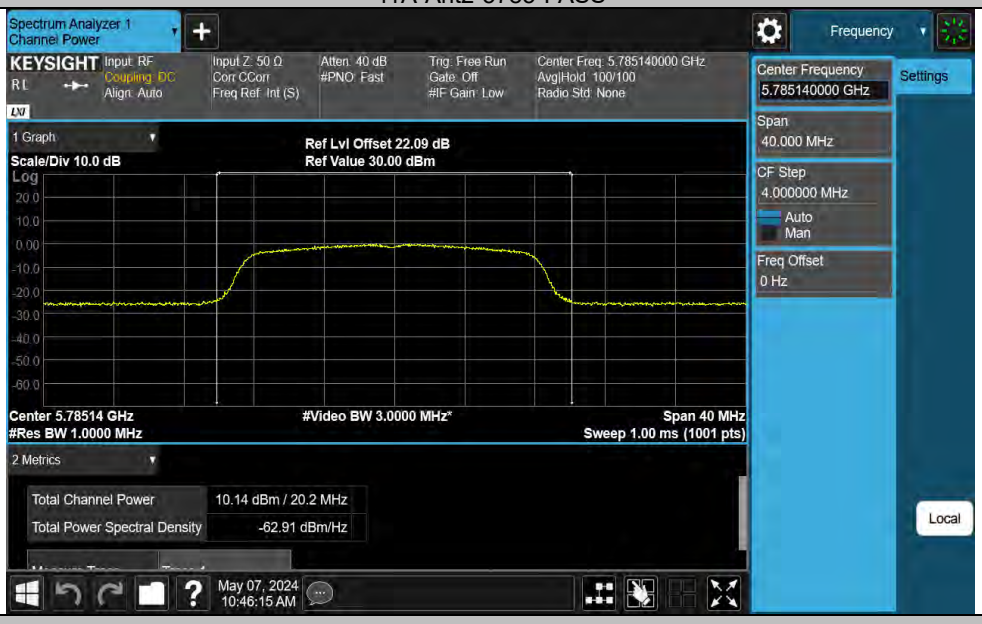
11A-Ant2-5745-PASS



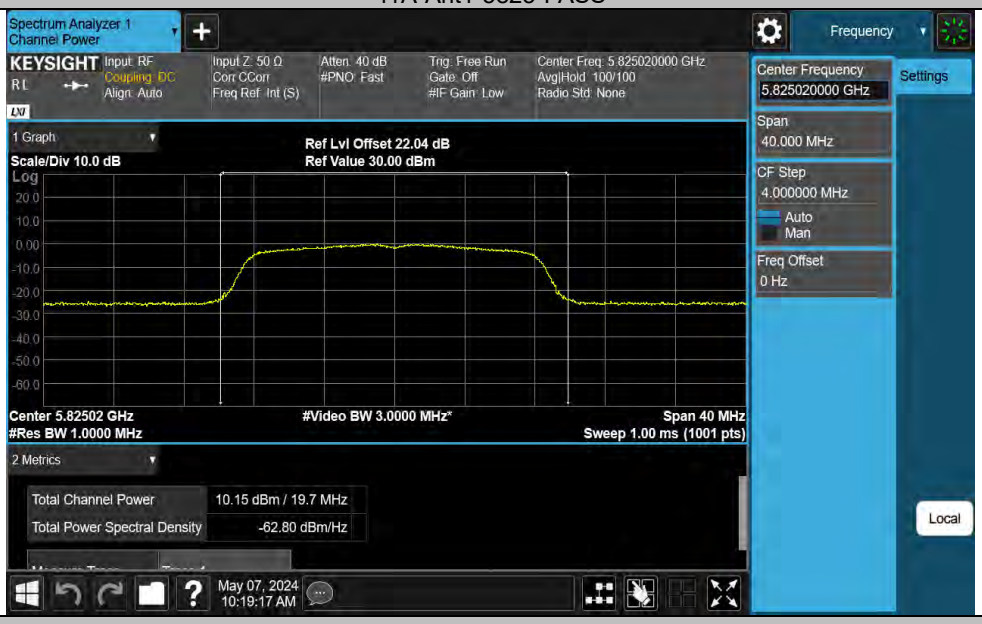
11A-Ant1-5785-PASS



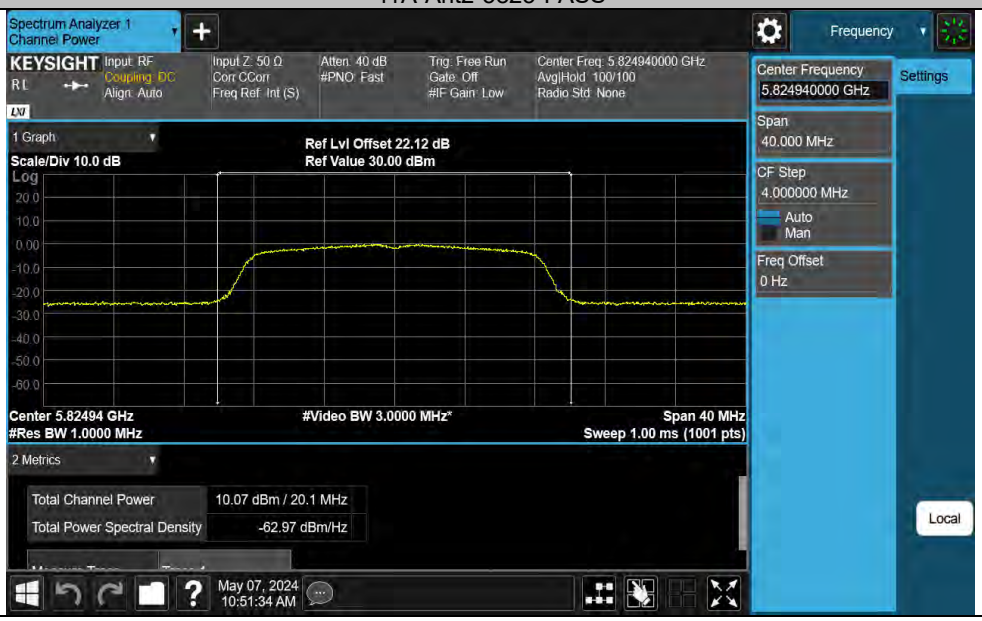
11A-Ant2-5785-PASS



11A-Ant1-5825-PASS

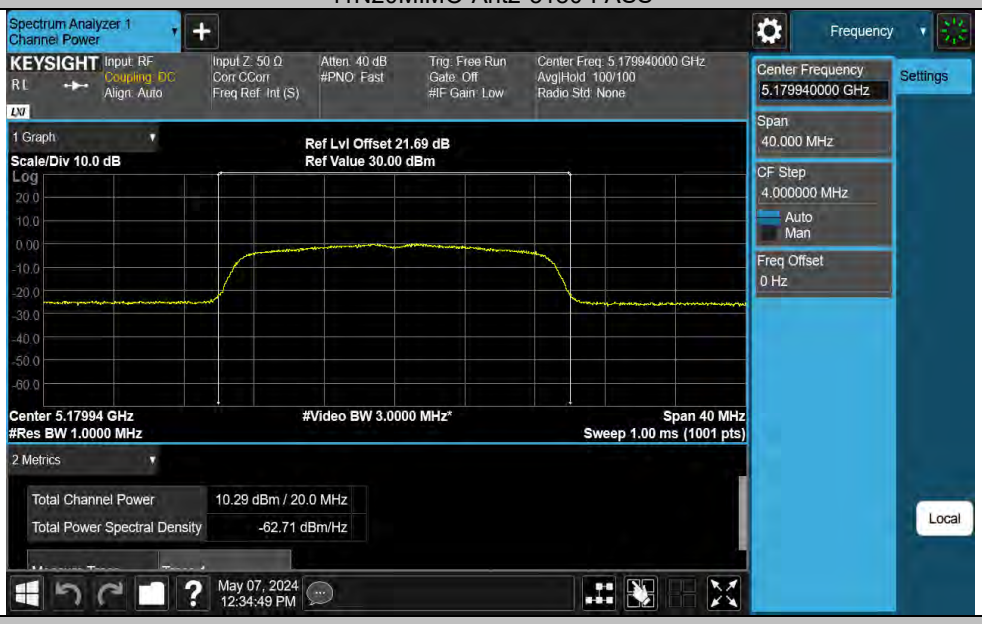


11A-Ant2-5825-PASS

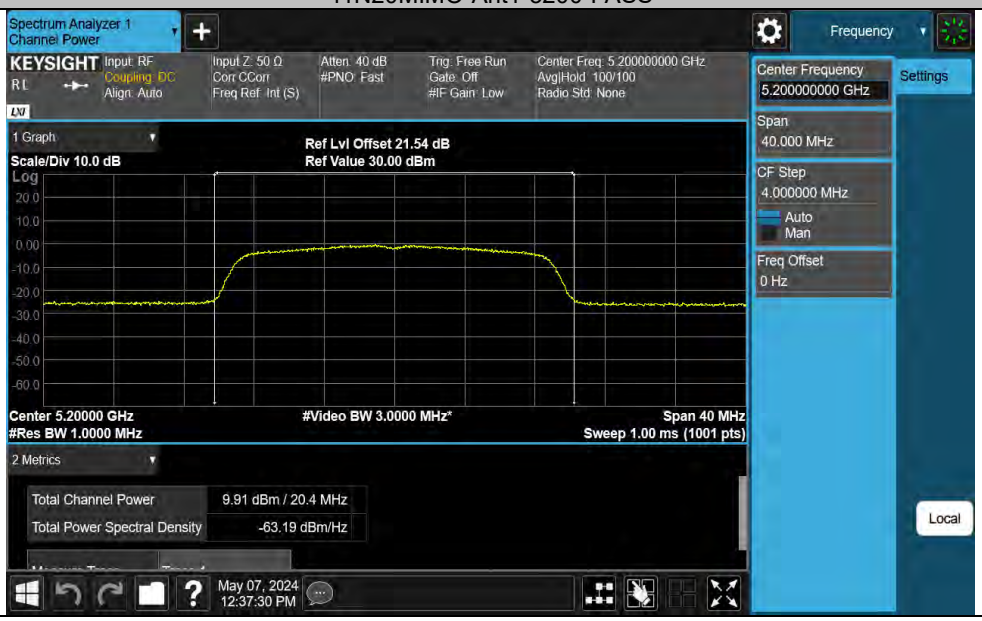


11N20MIMO-Ant1-5180-PASS

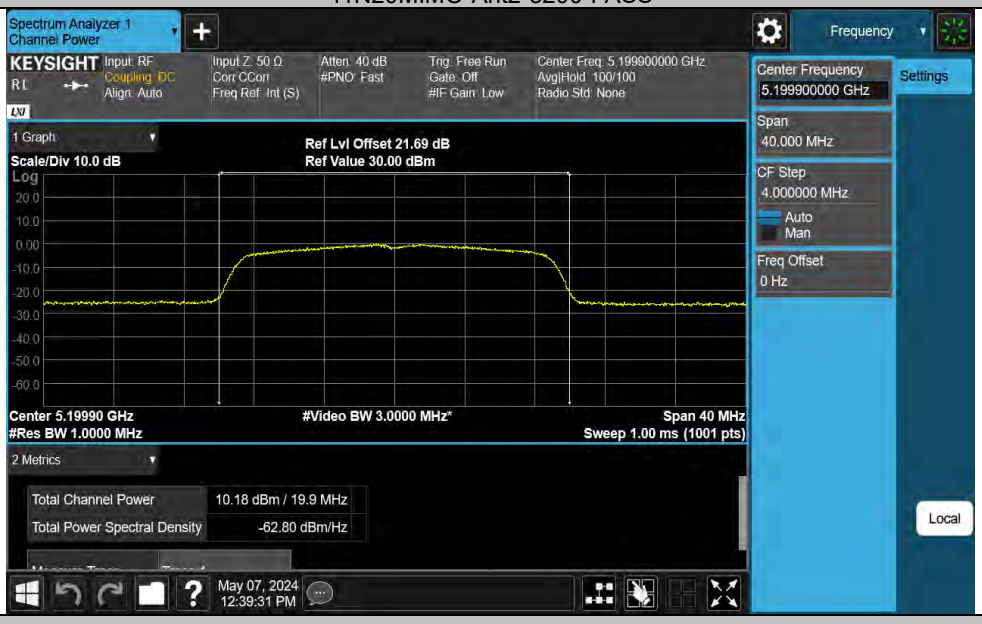
11N20MIMO-Ant2-5180-PASS



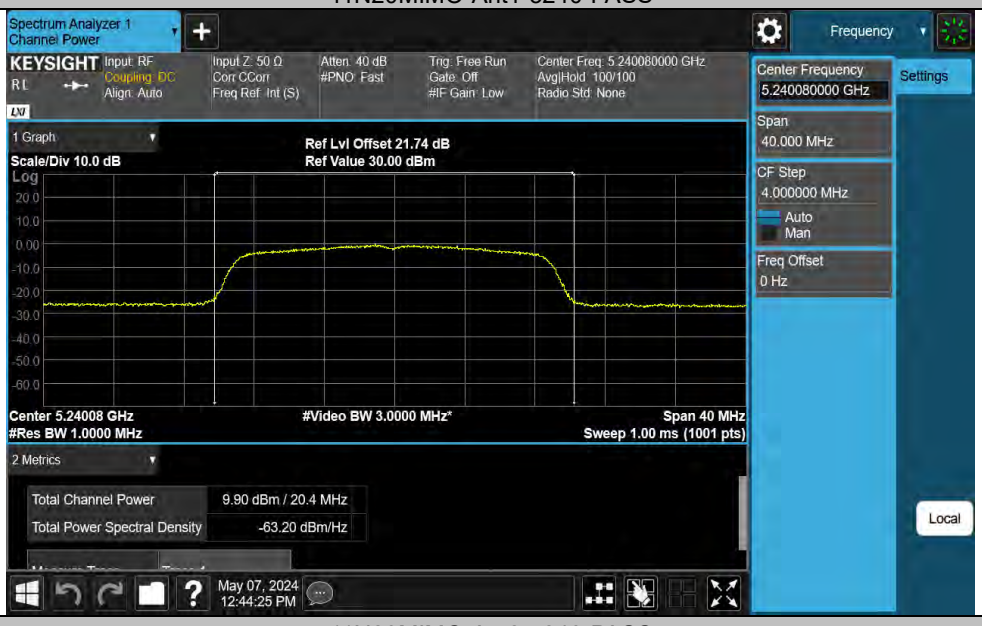
11N20MIMO-Ant1-5200-PASS



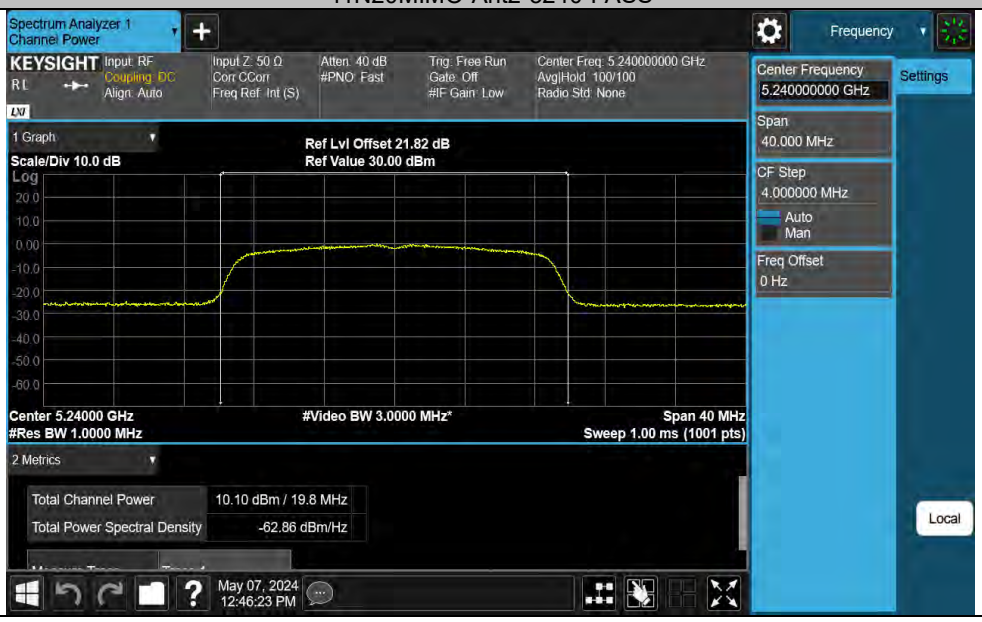
11N20MIMO-Ant2-5200-PASS



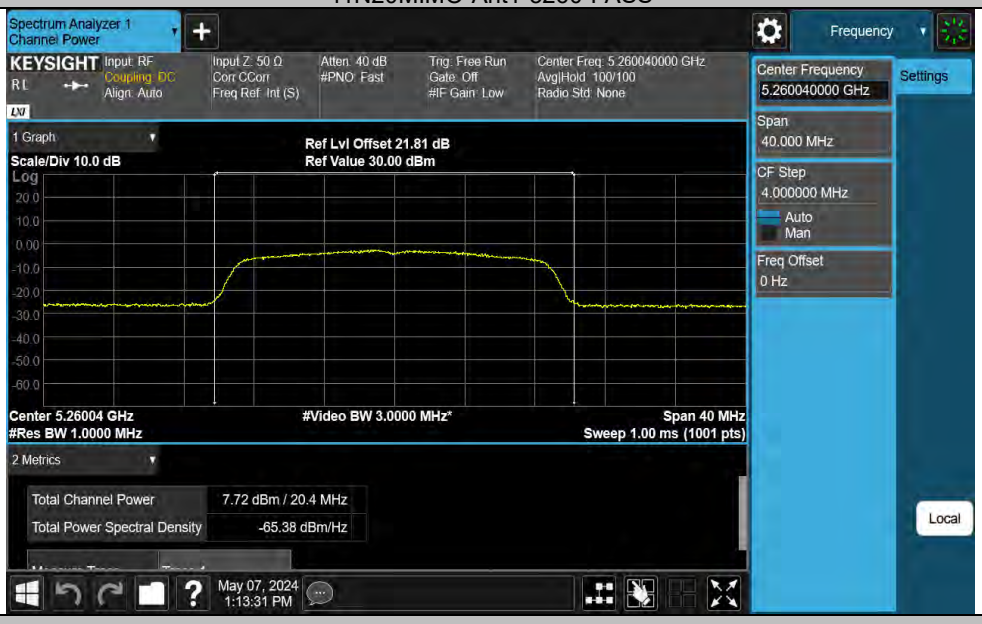
11N20MIMO-Ant1-5240-PASS



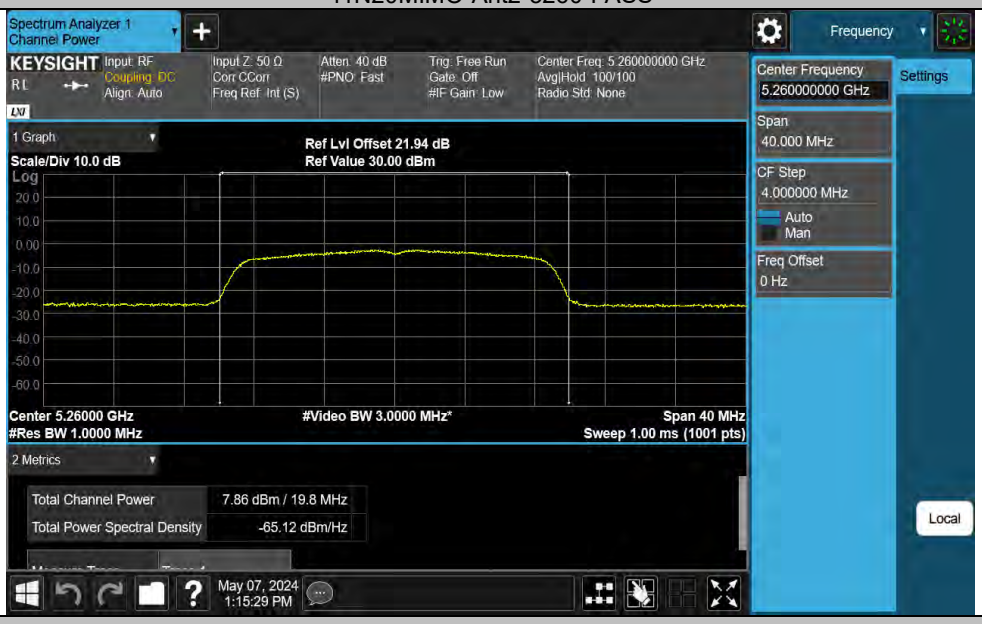
11N20MIMO-Ant2-5240-PASS



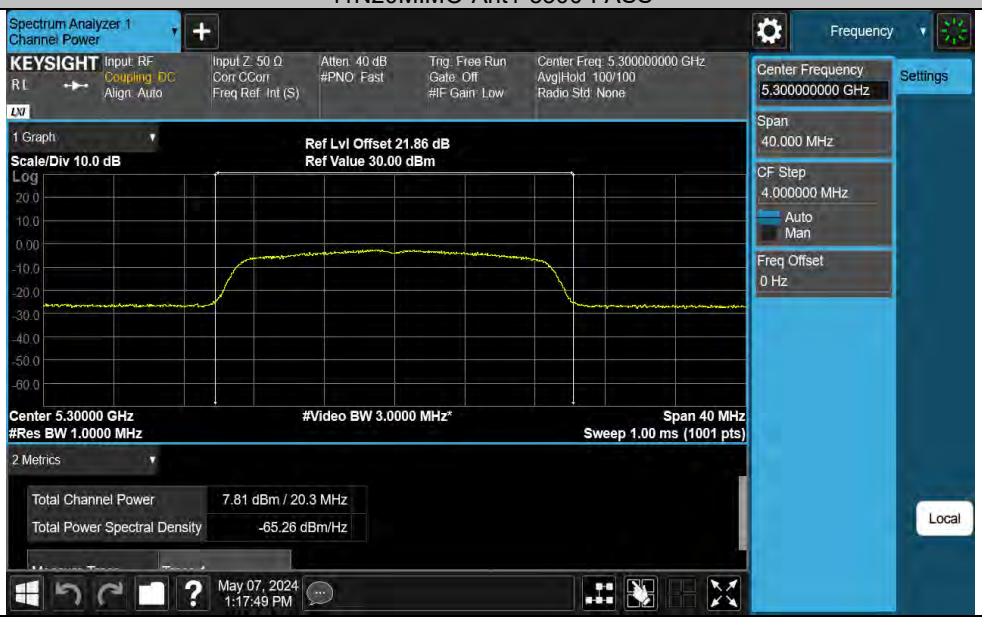
11N20MIMO-Ant1-5260-PASS



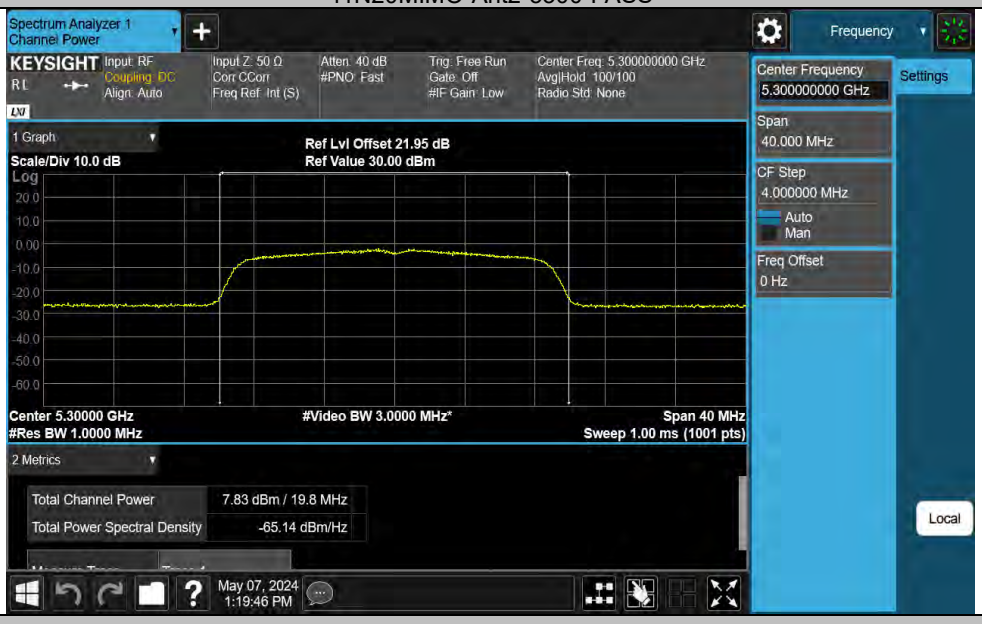
11N20MIMO-Ant2-5260-PASS



11N20MIMO-Ant1-5300-PASS

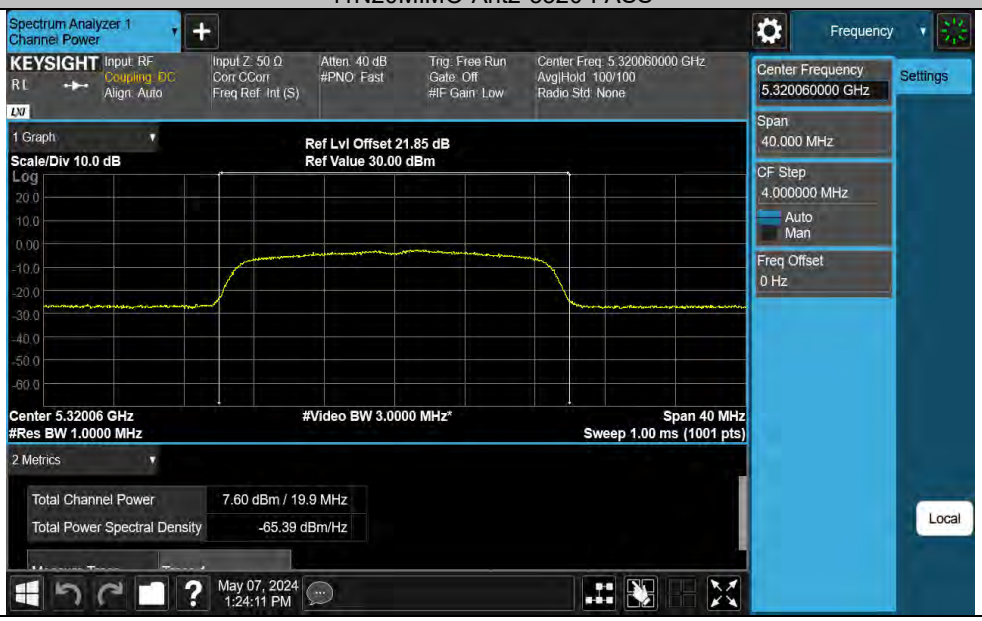


11N20MIMO-Ant2-5300-PASS

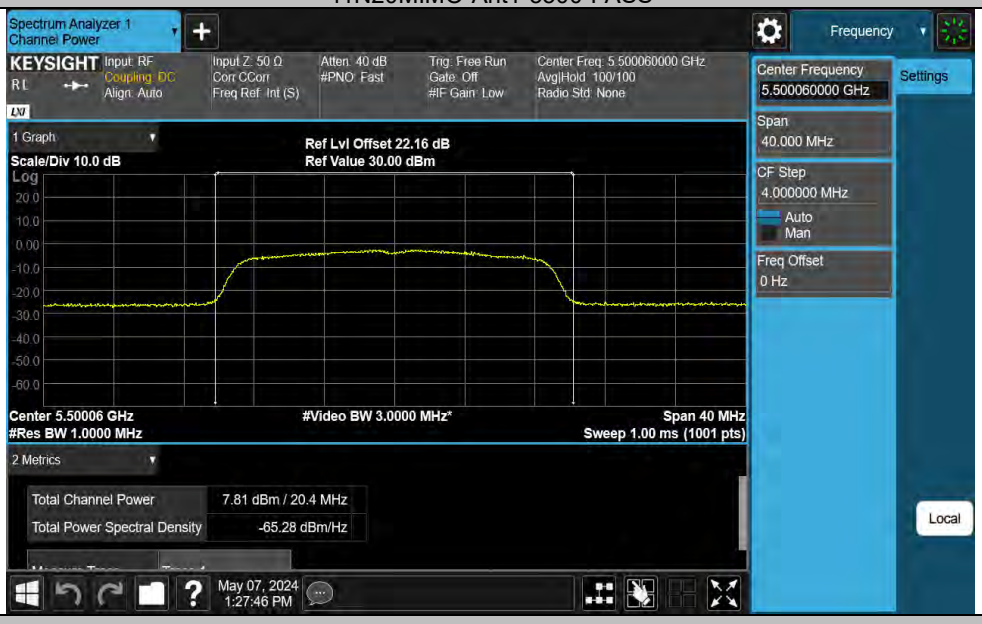


11N20MIMO-Ant1-5320-PASS

11N20MIMO-Ant2-5320-PASS

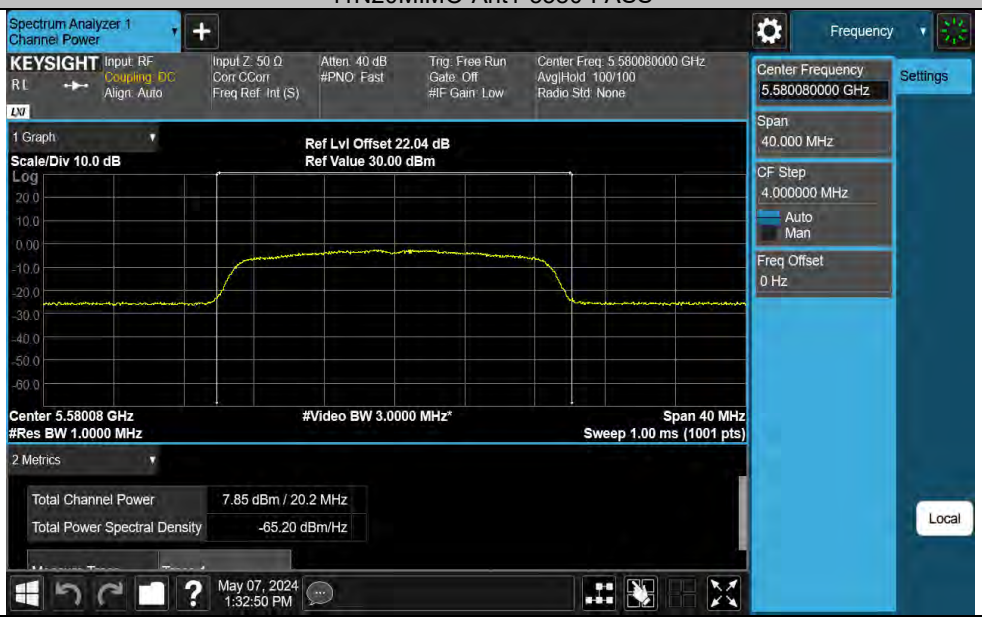


11N20MIMO-Ant1-5500-PASS



11N20MIMO-Ant2-5500-PASS

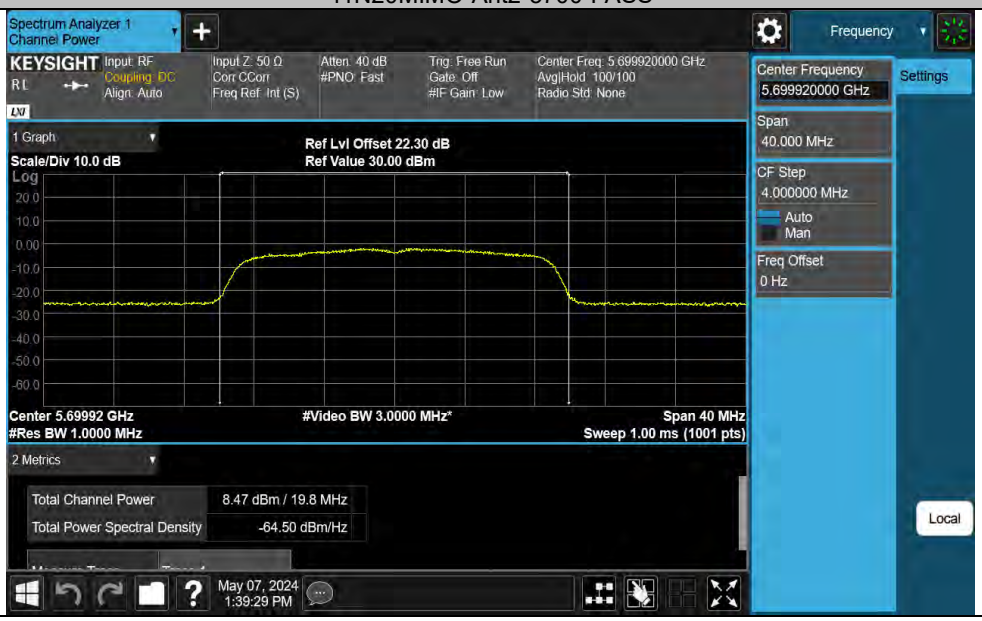
11N20MIMO-Ant1-5580-PASS



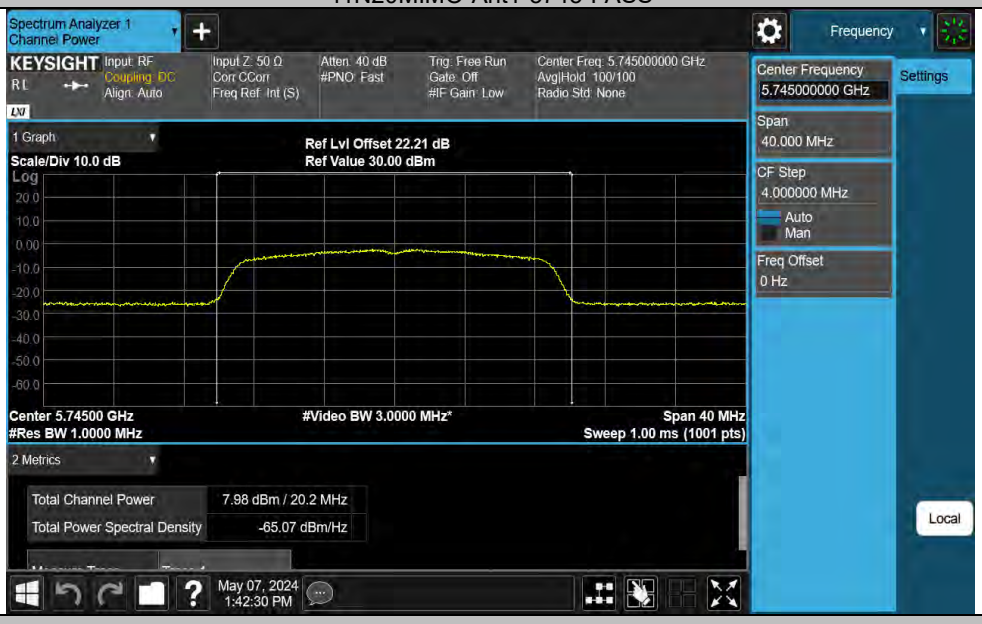
11N20MIMO-Ant2-5580-PASS

11N20MIMO-Ant1-5700-PASS

11N20MIMO-Ant2-5700-PASS

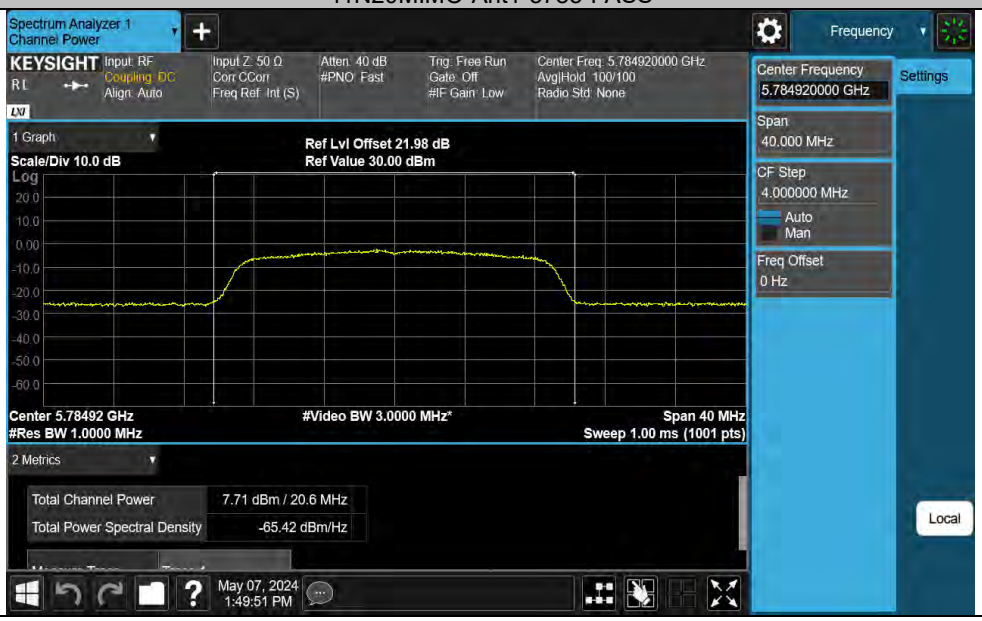


11N20MIMO-Ant1-5745-PASS



11N20MIMO-Ant2-5745-PASS

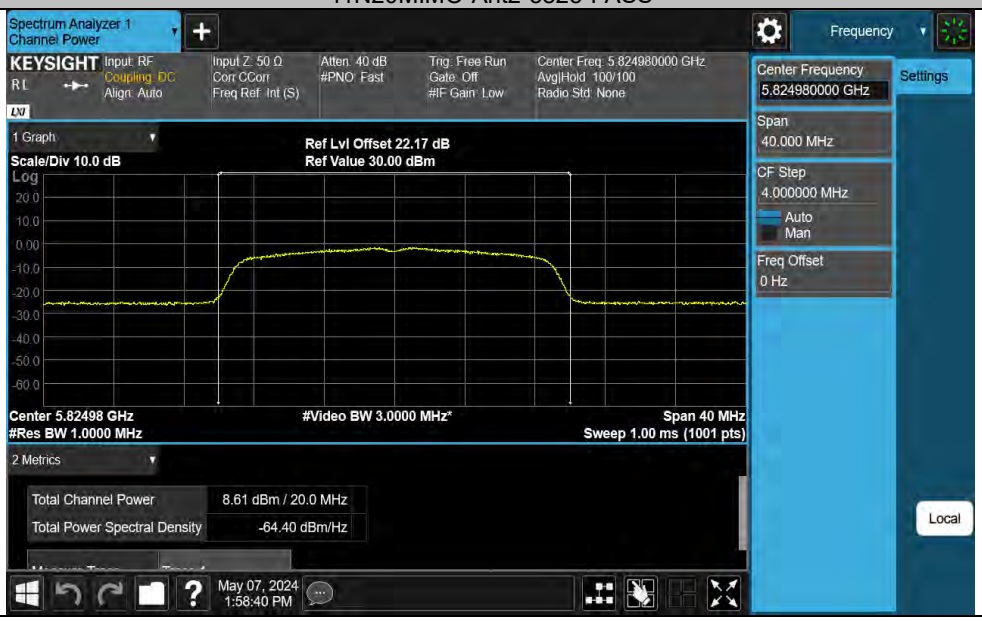
11N20MIMO-Ant1-5785-PASS



11N20MIMO-Ant2-5785-PASS

11N20MIMO-Ant1-5825-PASS

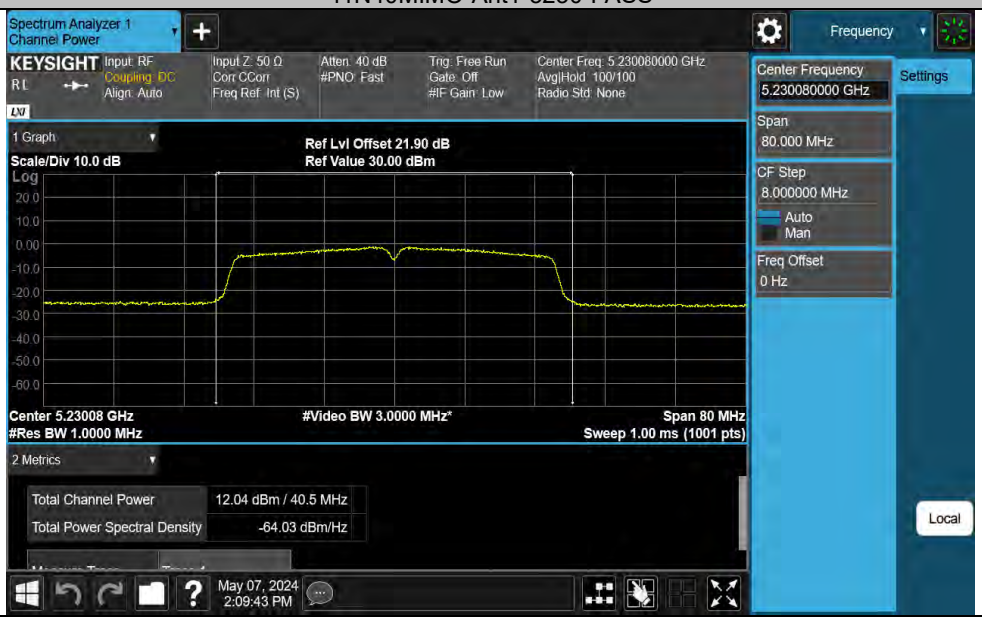
11N20MIMO-Ant2-5825-PASS



11N40MIMO-Ant1-5190-PASS

11N40MIMO-Ant2-5190-PASS

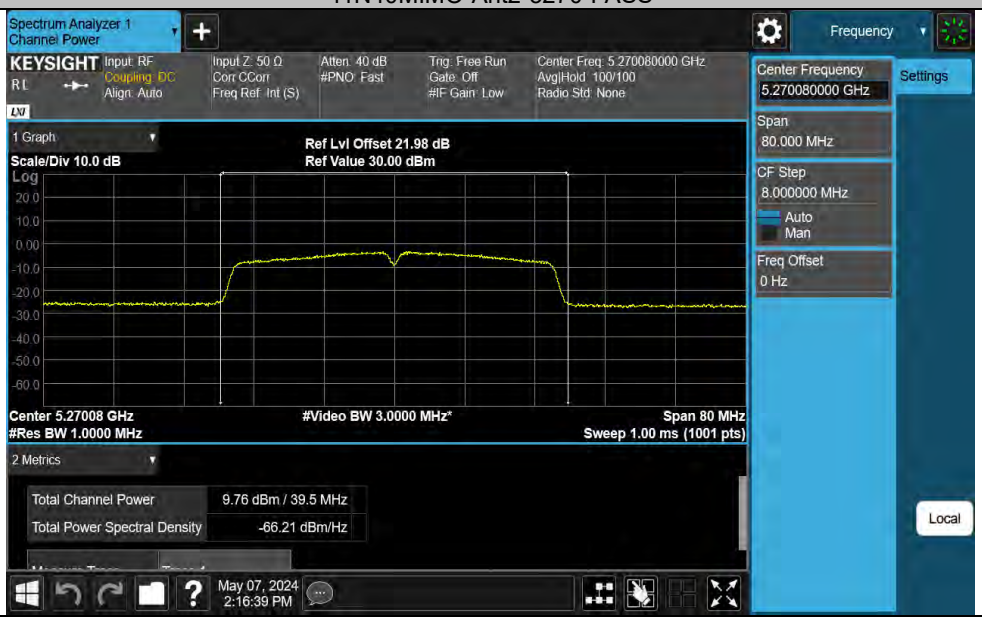
11N40MIMO-Ant1-5230-PASS



11N40MIMO-Ant2-5230-PASS

11N40MIMO-Ant1-5270-PASS

11N40MIMO-Ant2-5270-PASS

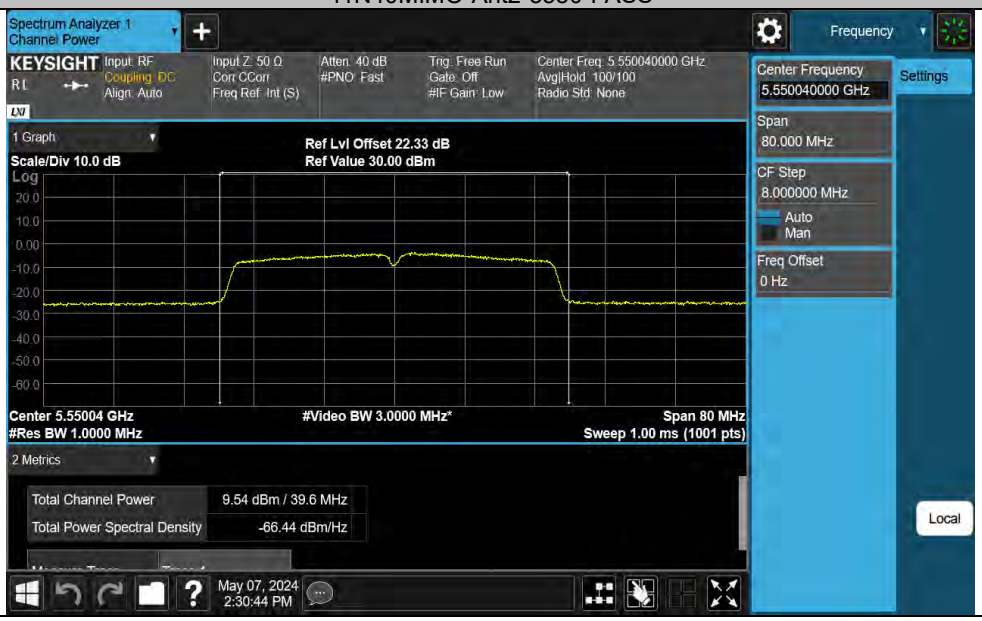


11N40MIMO-Ant1-5310-PASS

11N40MIMO-Ant2-5310-PASS

11N40MIMO-Ant1-5510-PASS

11N40MIMO-Ant2-5510-PASS

11N40MIMO-Ant1-5550-PASS

11N40MIMO-Ant2-5550-PASS