

Appendix E: Band edge measurements

Test Result B1

Test Mode	Antenna	ChName	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11A	Ant0	Low	5180	-47.37	≤-27	PASS
11A	Ant0	Low	5180	-47.58	≤-27	PASS
11A	Ant0	High	5240	-48.94	≤-27	PASS
11A	Ant0	High	5240	-48.12	≤-27	PASS
11N20MIMO	Ant0	Low	5180	-47.74	≤-27	PASS
11N20MIMO	Ant0	Low	5180	-47.8	≤-27	PASS
11N20MIMO	Ant0	High	5240	-48.51	≤-27	PASS
11N20MIMO	Ant0	High	5240	-49.13	≤-27	PASS
11N40MIMO	Ant0	Low	5190	-47.64	≤-27	PASS
11N40MIMO	Ant0	Low	5190	-47.28	≤-27	PASS
11N40MIMO	Ant0	High	5230	-48.95	≤-27	PASS
11N40MIMO	Ant0	High	5230	-48.95	≤-27	PASS
11AC20MIMO	Ant0	Low	5180	-48.42	≤-27	PASS
11AC20MIMO	Ant0	Low	5180	-47.85	≤-27	PASS
11AC20MIMO	Ant0	High	5240	-48.61	≤-27	PASS
11AC20MIMO	Ant0	High	5240	-48.59	≤-27	PASS
11AC40MIMO	Ant0	Low	5190	-47.71	≤-27	PASS
11AC40MIMO	Ant0	Low	5190	-47.67	≤-27	PASS
11AC40MIMO	Ant0	High	5230	-48.31	≤-27	PASS
11AC40MIMO	Ant0	High	5230	-47.47	≤-27	PASS
11AC80MIMO	Ant0	Low	5210	-48.16	≤-27	PASS
11AC80MIMO	Ant0	High	5210	-47.65	≤-27	PASS
11AC80MIMO	Ant0	Low	5210	-47.23	≤-27	PASS
11AC80MIMO	Ant0	High	5210	-47.63	≤-27	PASS

Note: The margin plus the antenna gain also meets the limit.

Remark:Regarding the spurious emissions from 30MHz to 26.5GHz, the cable lose have been set in the 'offset' of the Spectrum Analyzer during the test.

Test Result B4

Test Mode	Antenna	Ch. Name	Frequency[MHz]	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant0	Low	5745	5720~5725	-47.83	≤15.82	PASS

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11A	Ant0	Low	5745	5700~5720	-47.8	≤10.06	PASS
11A	Ant0	Low	5745	5650~5700	-49.48	≤-26.62	PASS
11A	Ant0	Low	5745	5760~5650	-48.8	≤-27	PASS
11A	Ant0	Low	5745	5720~5725	-48.14	≤16.08	PASS
11A	Ant0	Low	5745	5700~5720	-45.6	≤10.09	PASS
11A	Ant0	Low	5745	5650~5700	-49.51	≤-26.96	PASS
11A	Ant0	Low	5745	5760~5650	-49.84	≤-27	PASS
11A	Ant0	High	5825	5850~5855	-48.61	≤16.03	PASS
11A	Ant0	High	5825	5855~5875	-48.45	≤10.78	PASS
11A	Ant0	High	5825	5875~5925	-50.28	≤-26.71	PASS
11A	Ant0	High	5825	5925~5935	-49.43	≤-27	PASS
11A	Ant0	High	5825	5850~5855	-48.14	≤16.34	PASS
11A	Ant0	High	5825	5855~5875	-49.58	≤10.02	PASS
11A	Ant0	High	5825	5875~5925	-49.71	≤-26.61	PASS
11A	Ant0	High	5825	5925~5935	-48.81	≤-27	PASS
11N20MI MO	Ant0	Low	5745	5720~5725	-47.34	≤17.39	PASS
11N20MI MO	Ant0	Low	5745	5700~5720	-47.29	≤11.60	PASS
11N20MI MO	Ant0	Low	5745	5650~5700	-49.1	≤-26.62	PASS
11N20MI MO	Ant0	Low	5745	5760~5650	-49.16	≤-27	PASS
11N20MI MO	Ant0	Low	5745	5720~5725	-45.39	≤15.82	PASS
11N20MI MO	Ant0	Low	5745	5700~5720	-47.55	≤11.22	PASS
11N20MI MO	Ant0	Low	5745	5650~5700	-49.92	≤-26.96	PASS
11N20MI MO	Ant0	Low	5745	5760~5650	-49.02	≤-27	PASS
11N20MI MO	Ant0	High	5825	5850~5855	-49.99	≤15.73	PASS
11N20MI MO	Ant0	High	5825	5855~5875	-48.11	≤11.34	PASS
11N20MI MO	Ant0	High	5825	5875~5925	-50.29	≤-26.41	PASS
11N20MI MO	Ant0	High	5825	5925~5935	-49.2	≤-27	PASS
11N20MI MO	Ant0	High	5825	5850~5855	-49.9	≤16.03	PASS
11N20MI MO	Ant0	High	5825	5855~5875	-49	≤10.10	PASS

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11N20MI MO	Ant0	High	5825	5875~5925	-50.17	≤-26.81	PASS
11N20MI MO	Ant0	High	5825	5925~5935	-48.75	≤-27	PASS
11N40MI MO	Ant0	Low	5755	5720~5725	-48.19	≤15.74	PASS
11N40MI MO	Ant0	Low	5755	5700~5720	-47.83	≤10.32	PASS
11N40MI MO	Ant0	Low	5755	5650~5700	-48.32	≤-25.11	PASS
11N40MI MO	Ant0	Low	5755	5780~5650	-48.5	≤-27	PASS
11N40MI MO	Ant0	Low	5755	5720~5725	-48.91	≤16.04	PASS
11N40MI MO	Ant0	Low	5755	5700~5720	-47.5	≤10.02	PASS
11N40MI MO	Ant0	Low	5755	5650~5700	-49.05	≤-26.70	PASS
11N40MI MO	Ant0	Low	5755	5780~5650	-49.1	≤-27	PASS
11N40MI MO	Ant0	High	5795	5850~5855	-49.9	≤16.41	PASS
11N40MI MO	Ant0	High	5795	5855~5875	-49.25	≤10.34	PASS
11N40MI MO	Ant0	High	5795	5875~5925	-50.46	≤-26.46	PASS
11N40MI MO	Ant0	High	5795	5925~5935	-49.58	≤-27	PASS
11N40MI MO	Ant0	High	5795	5850~5855	-51.28	≤15.66	PASS
11N40MI MO	Ant0	High	5795	5855~5875	-49.8	≤10.06	PASS
11N40MI MO	Ant0	High	5795	5875~5925	-51.13	≤-26.71	PASS
11N40MI MO	Ant0	High	5795	5925~5935	-49.53	≤-27	PASS
11AC20M IMO	Ant0	Low	5745	5720~5725	-49.16	≤16.08	PASS
11AC20M IMO	Ant0	Low	5745	5700~5720	-47.67	≤10.12	PASS
11AC20M IMO	Ant0	Low	5745	5650~5700	-50.01	≤-26.70	PASS
11AC20M	Ant0	Low	5745	5760~5650	-49.57	≤-27	PASS

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IMO							
11AC20M IMO	Ant0	Low	5745	5720~5725	-48.49	≤15.82	PASS
11AC20M IMO	Ant0	Low	5745	5700~5720	-48.18	≤10.47	PASS
11AC20M IMO	Ant0	Low	5745	5650~5700	-49.08	≤-25.76	PASS
11AC20M IMO	Ant0	Low	5745	5760~5650	-49.14	≤-27	PASS
11AC20M IMO	Ant0	High	5825	5850~5855	-50.37	≤15.73	PASS
11AC20M IMO	Ant0	High	5825	5855~5875	-50.08	≤10.02	PASS
11AC20M IMO	Ant0	High	5825	5875~5925	-49.9	≤-25.61	PASS
11AC20M IMO	Ant0	High	5825	5925~5935	-49.94	≤-27	PASS
11AC20M IMO	Ant0	High	5825	5850~5855	-47.1	≤16.03	PASS
11AC20M IMO	Ant0	High	5825	5855~5875	-48.89	≤10.32	PASS
11AC20M IMO	Ant0	High	5825	5875~5925	-50.45	≤-26.61	PASS
11AC20M IMO	Ant0	High	5825	5925~5935	-48.82	≤-27	PASS
11AC40M IMO	Ant0	Low	5755	5720~5725	-48.61	≤15.74	PASS
11AC40M IMO	Ant0	Low	5755	5700~5720	-47.72	≤10.51	PASS
11AC40M IMO	Ant0	Low	5755	5650~5700	-48.94	≤-25.51	PASS
11AC40M IMO	Ant0	Low	5755	5780~5650	-48.87	≤-27	PASS
11AC40M IMO	Ant0	Low	5755	5720~5725	-48.51	≤15.74	PASS
11AC40M IMO	Ant0	Low	5755	5700~5720	-48.69	≤10.40	PASS
11AC40M IMO	Ant0	Low	5755	5650~5700	-48.7	≤-26.00	PASS
11AC40M IMO	Ant0	Low	5755	5780~5650	-49.53	≤-27	PASS
11AC40M IMO	Ant0	High	5795	5850~5855	-50.92	≤16.03	PASS

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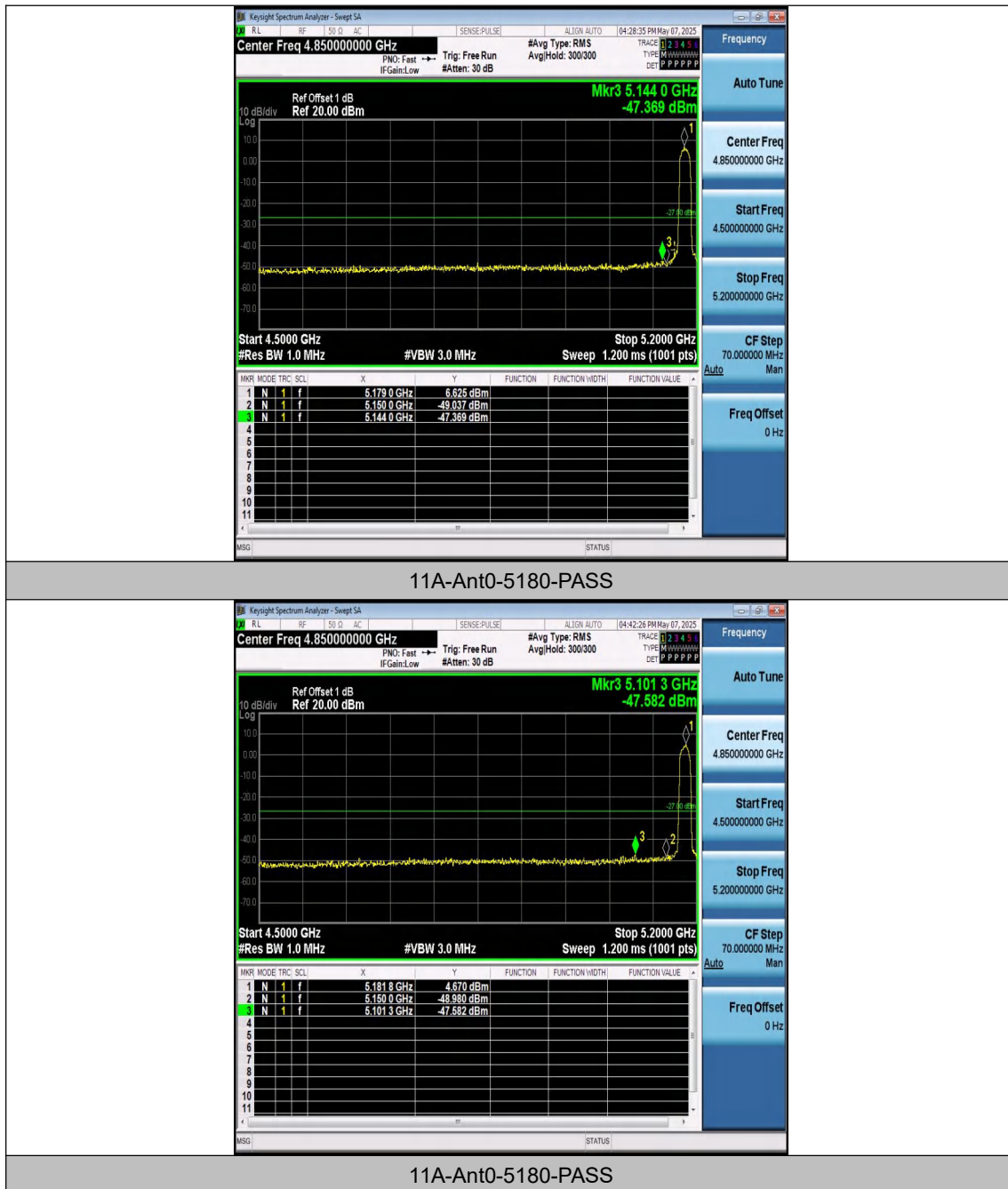
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11AC40M IMO	Ant0	High	5795	5875~5925	-50.58	≤-26.83	PASS
11AC40M IMO	Ant0	High	5795	5925~5935	-49.79	≤-27	PASS
11AC40M IMO	Ant0	High	5795	5850~5855	-49.53	≤15.66	PASS
11AC40M IMO	Ant0	High	5795	5855~5875	-49.28	≤10.89	PASS
11AC40M IMO	Ant0	High	5795	5875~5925	-50.39	≤-26.34	PASS
11AC40M IMO	Ant0	High	5795	5925~5935	-49.45	≤-27	PASS
11AC80M IMO	Ant0	Low	5775	5720~5725	-47.18	≤16.35	PASS
11AC80M IMO	Ant0	Low	5775	5700~5720	-48.65	≤10.27	PASS
11AC80M IMO	Ant0	Low	5775	5650~5700	-50.05	≤-26.91	PASS
11AC80M IMO	Ant0	Low	5775	5800~5650	-49.89	≤-27	PASS
11AC80M IMO	Ant0	High	5775	5850~5855	-50.12	≤16.26	PASS
11AC80M IMO	Ant0	High	5775	5855~5875	-50.11	≤10.35	PASS
11AC80M IMO	Ant0	High	5775	5875~5925	-49.88	≤-26.73	PASS
11AC80M IMO	Ant0	High	5775	5925~5935	-48.85	≤-27	PASS
11AC80M IMO	Ant0	Low	5775	5720~5725	-50.46	≤15.65	PASS
11AC80M IMO	Ant0	Low	5775	5700~5720	-49.57	≤10.01	PASS
11AC80M IMO	Ant0	Low	5775	5650~5700	-49.85	≤-26.80	PASS
11AC80M IMO	Ant0	Low	5775	5800~5650	-49.76	≤-27	PASS
11AC80M IMO	Ant0	High	5775	5850~5855	-50.66	≤15.84	PASS
11AC80M IMO	Ant0	High	5775	5855~5875	-49.36	≤10.35	PASS
11AC80M	Ant0	High	5775	5875~5925	-49.5	≤-26.32	PASS

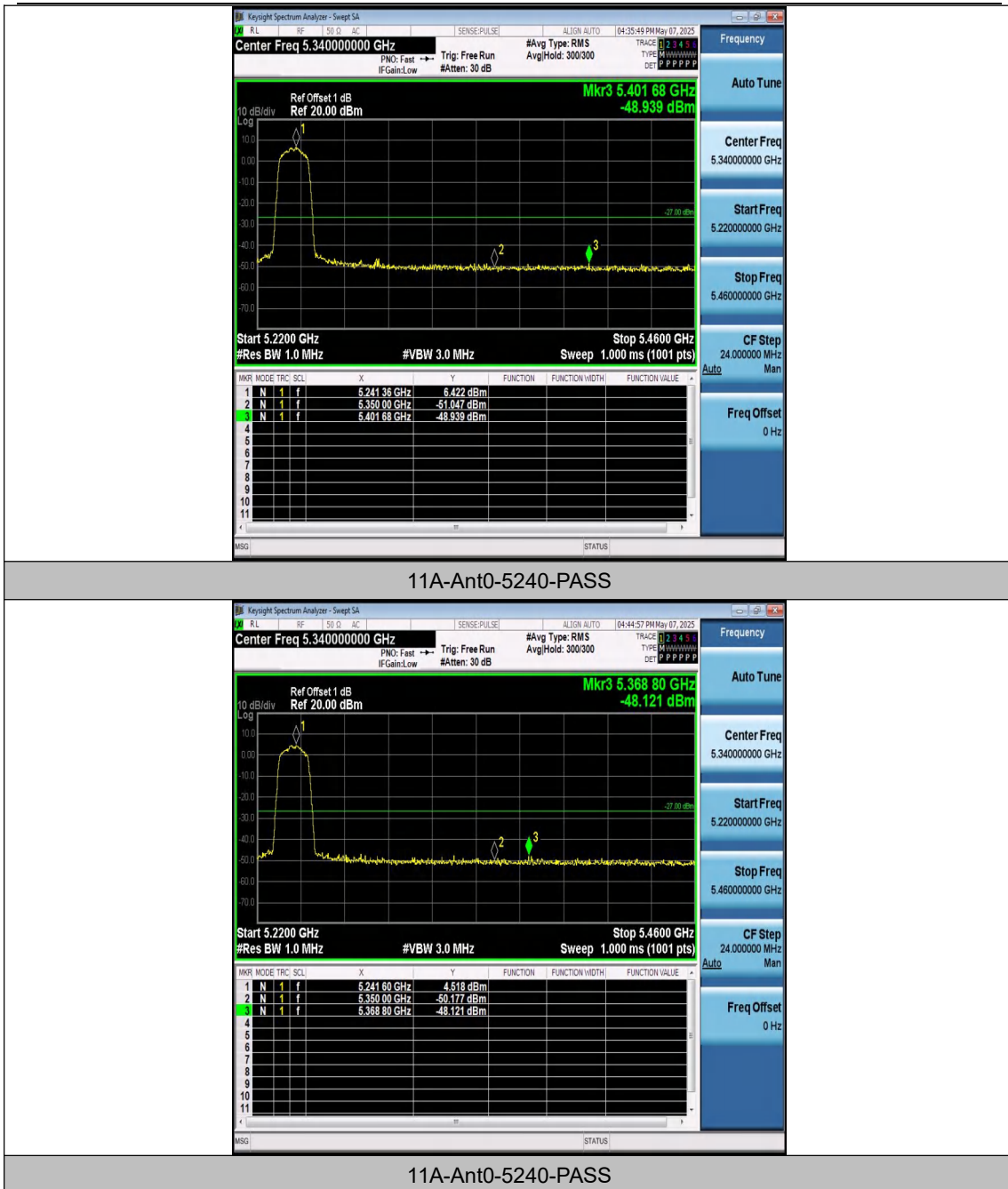
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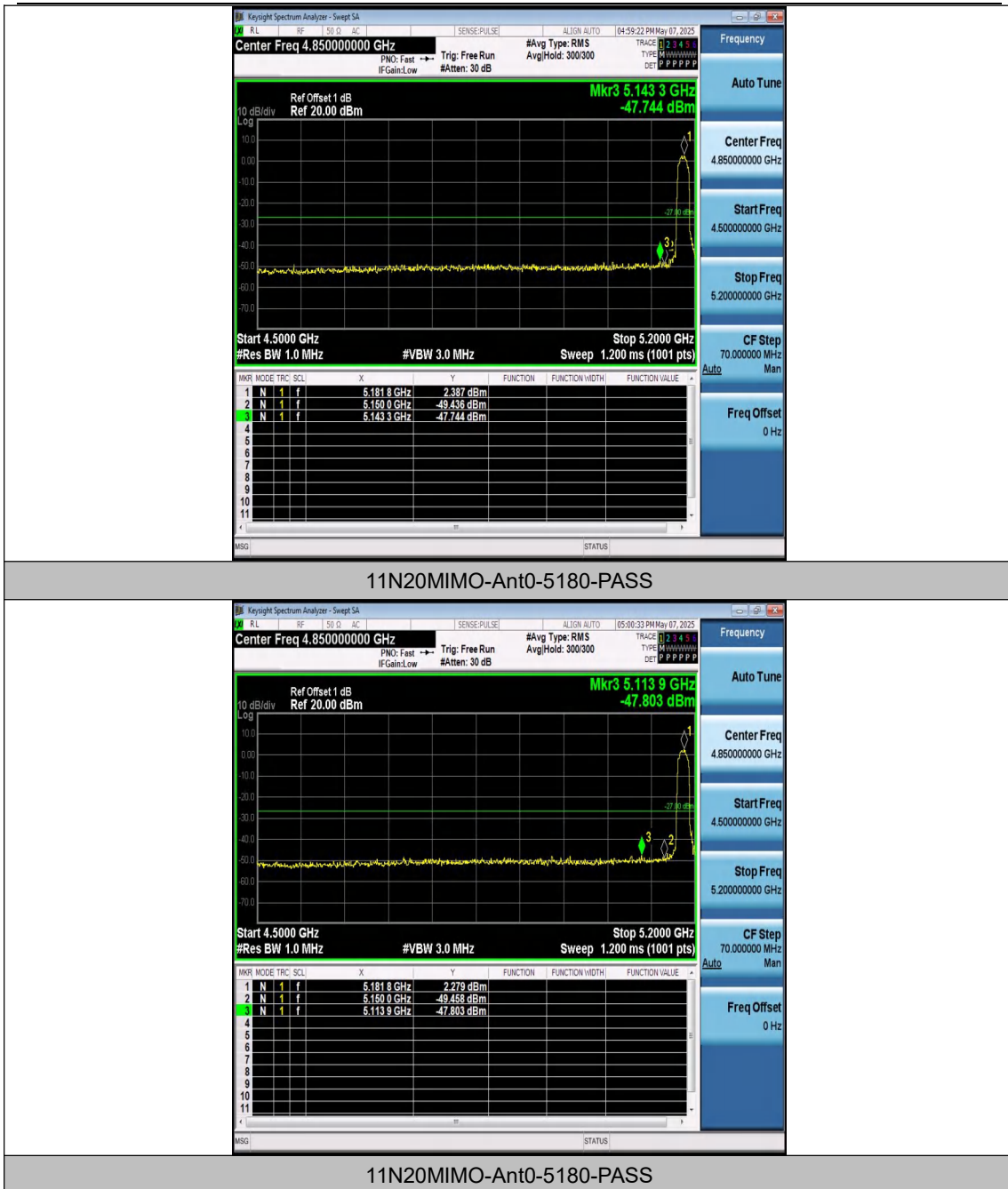
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11AC80M IMO	Ant0	High	5775	5925~5935	-49.27	≤-27	PASS

Note: The margin plus the antenna gain also meets the limit.

Test Graphs B1



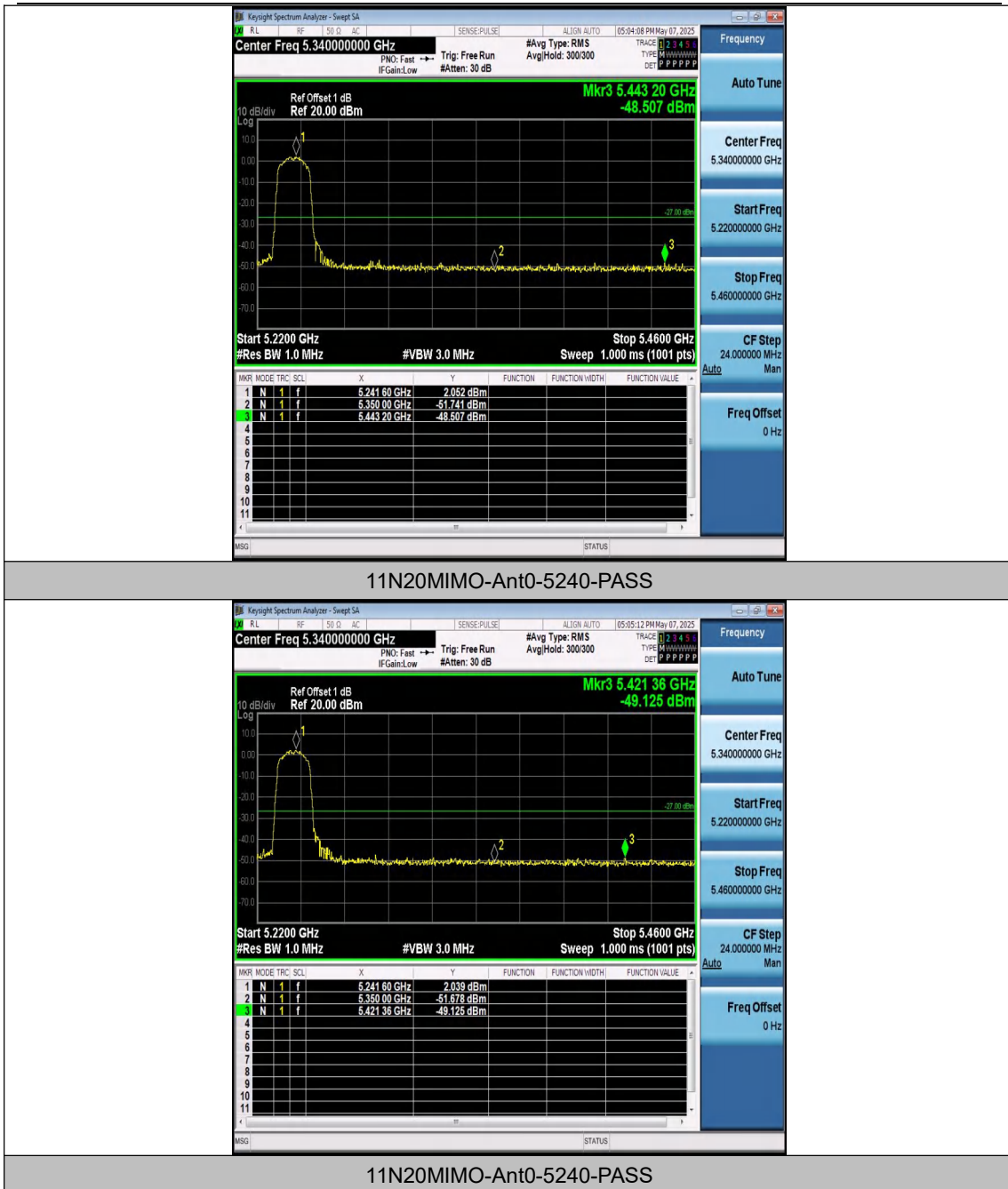




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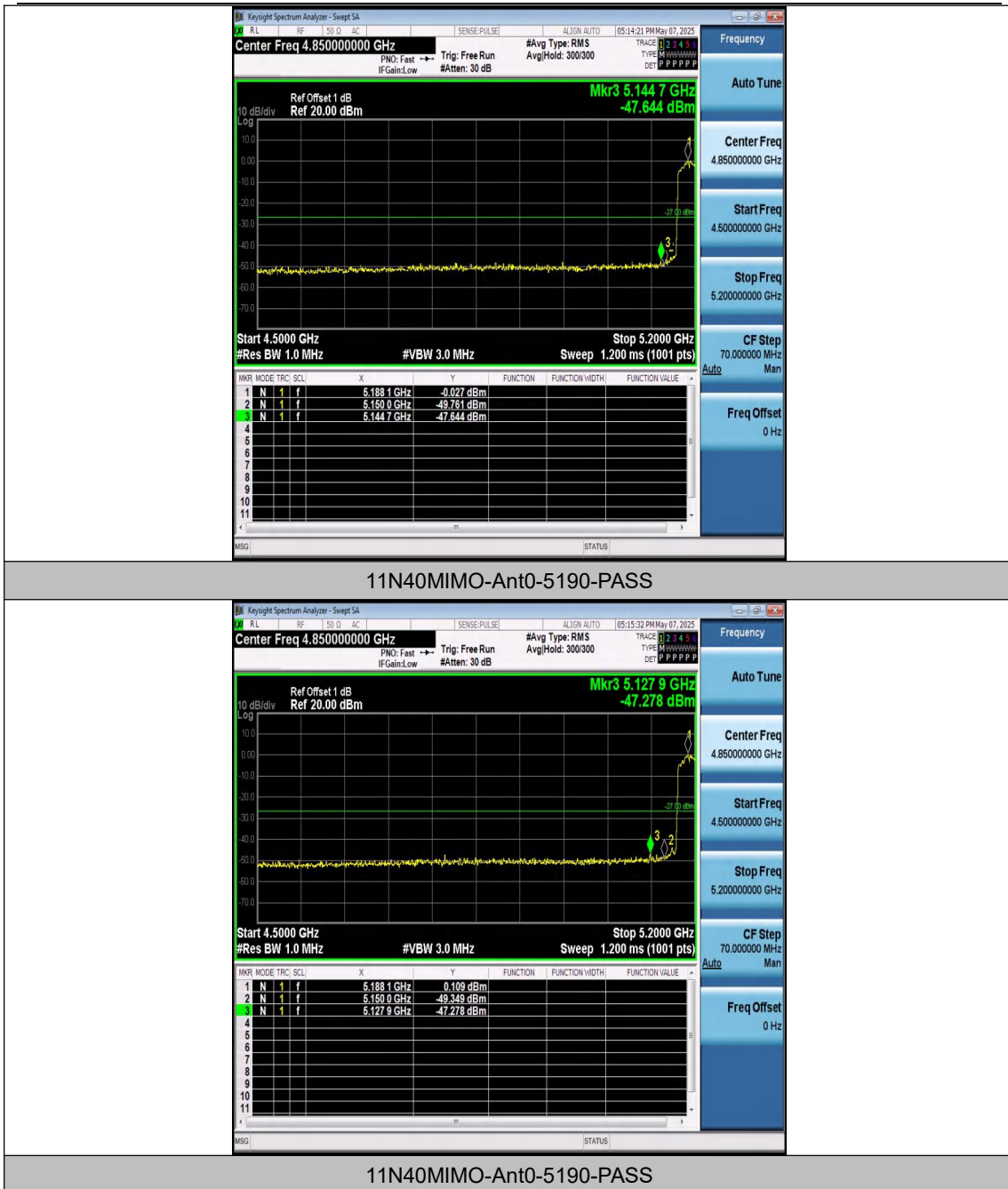
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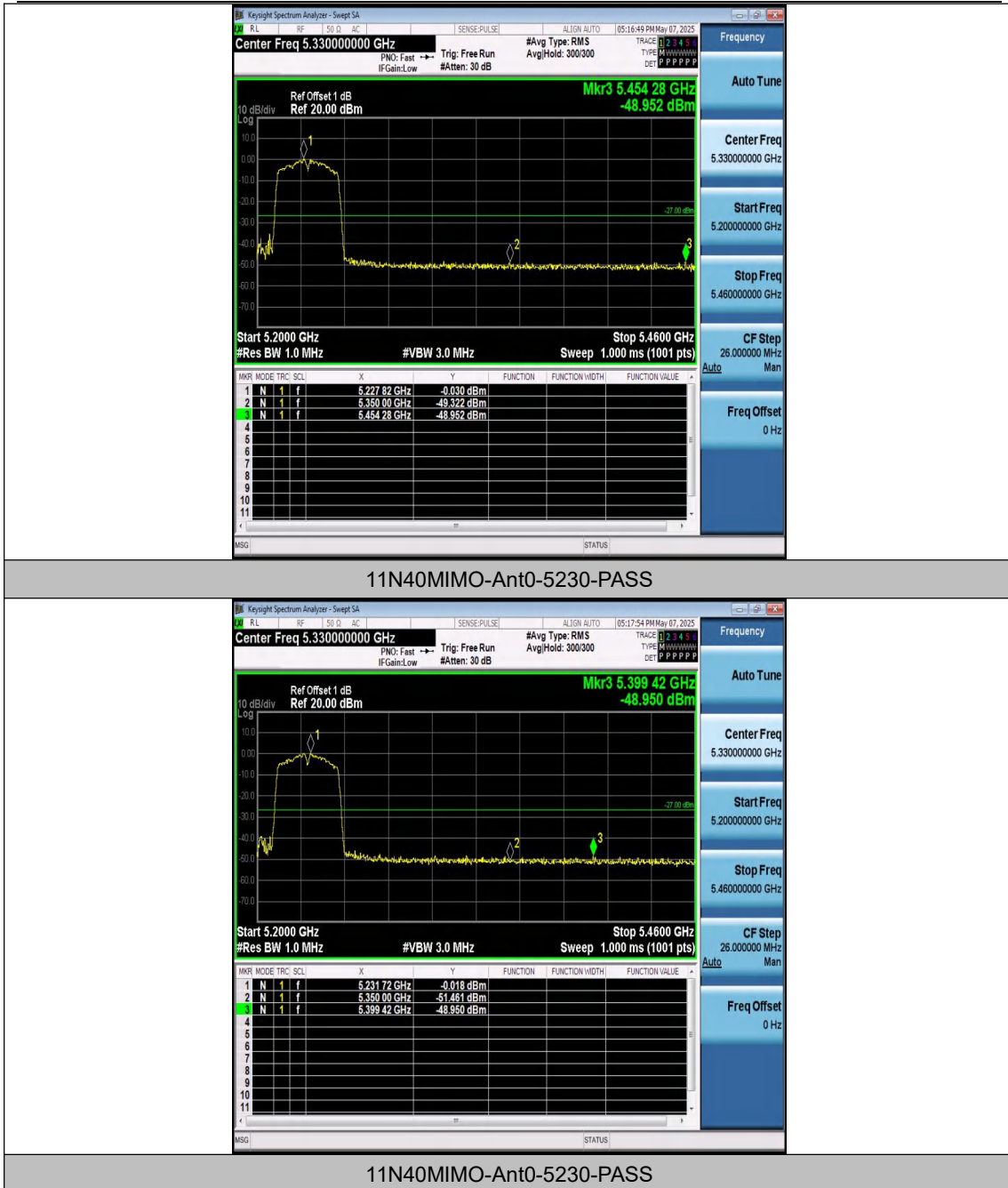
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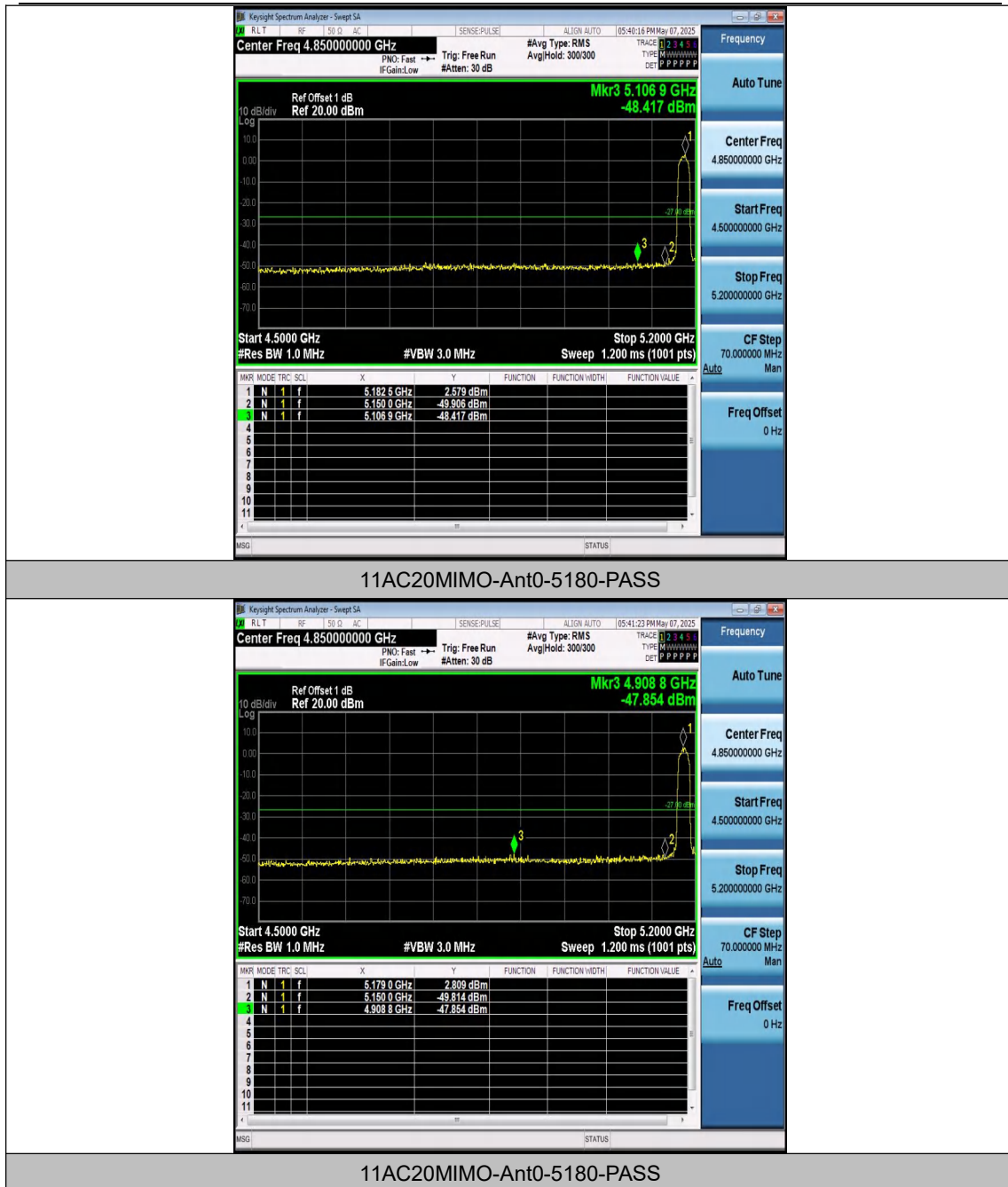
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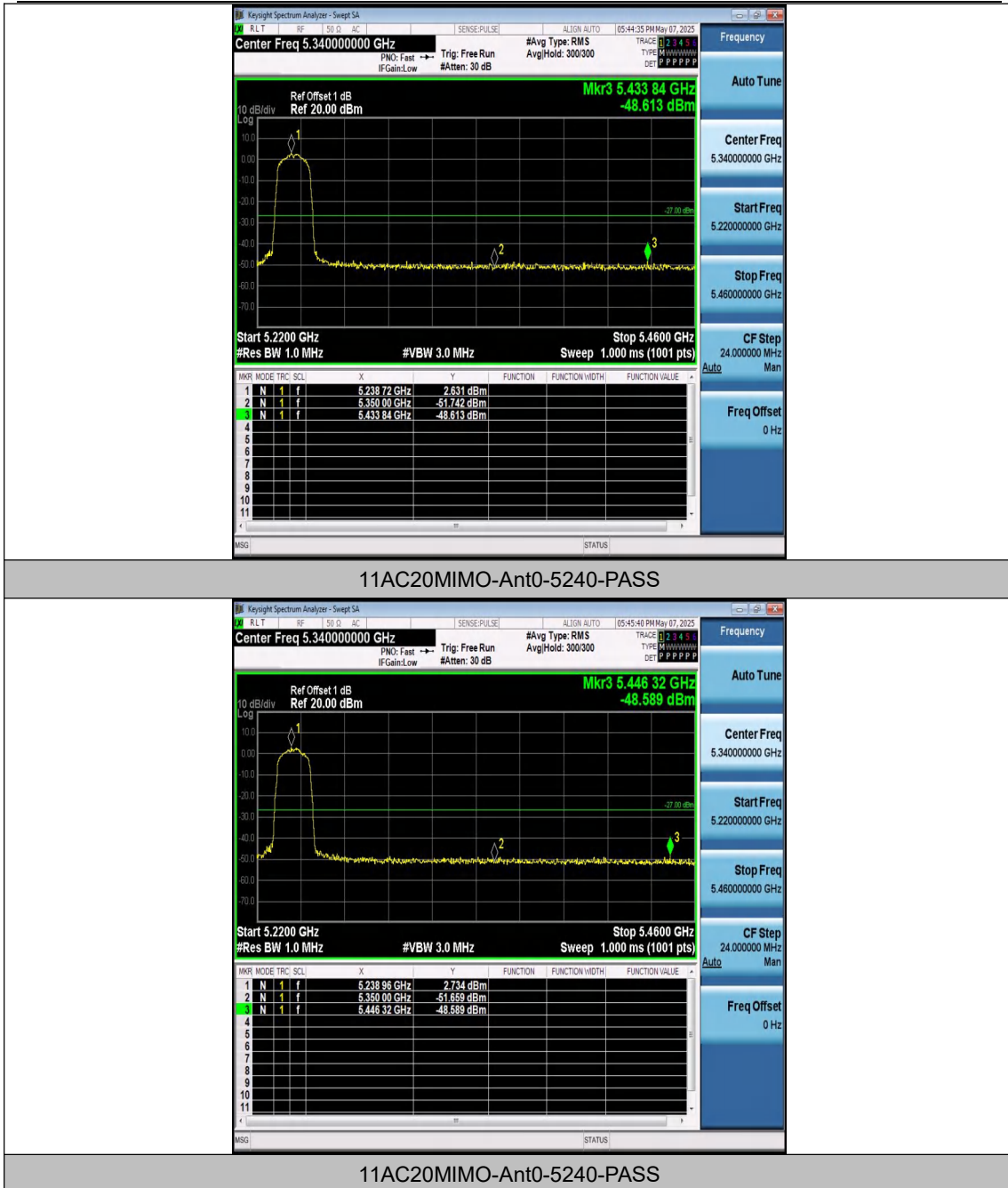


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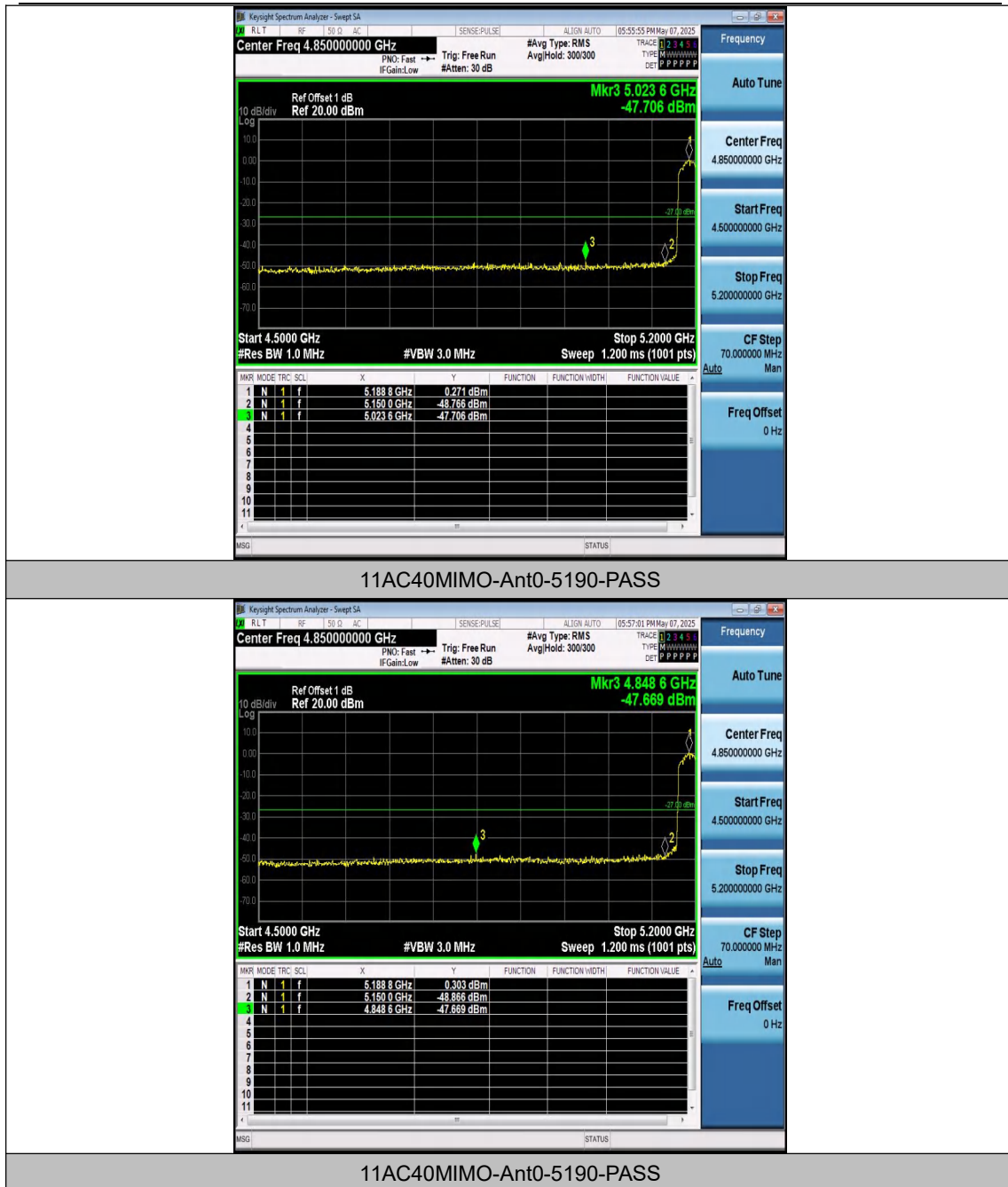
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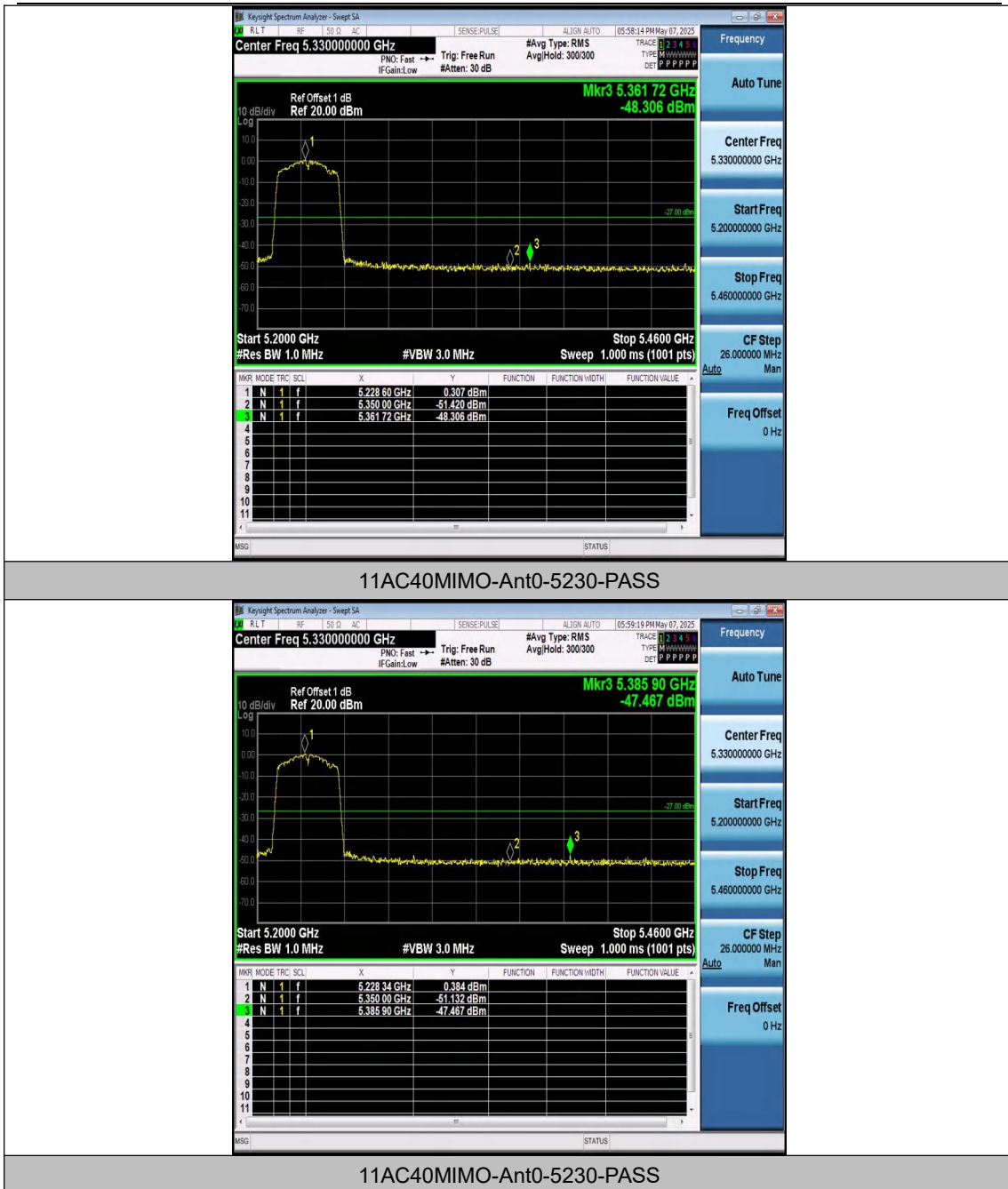
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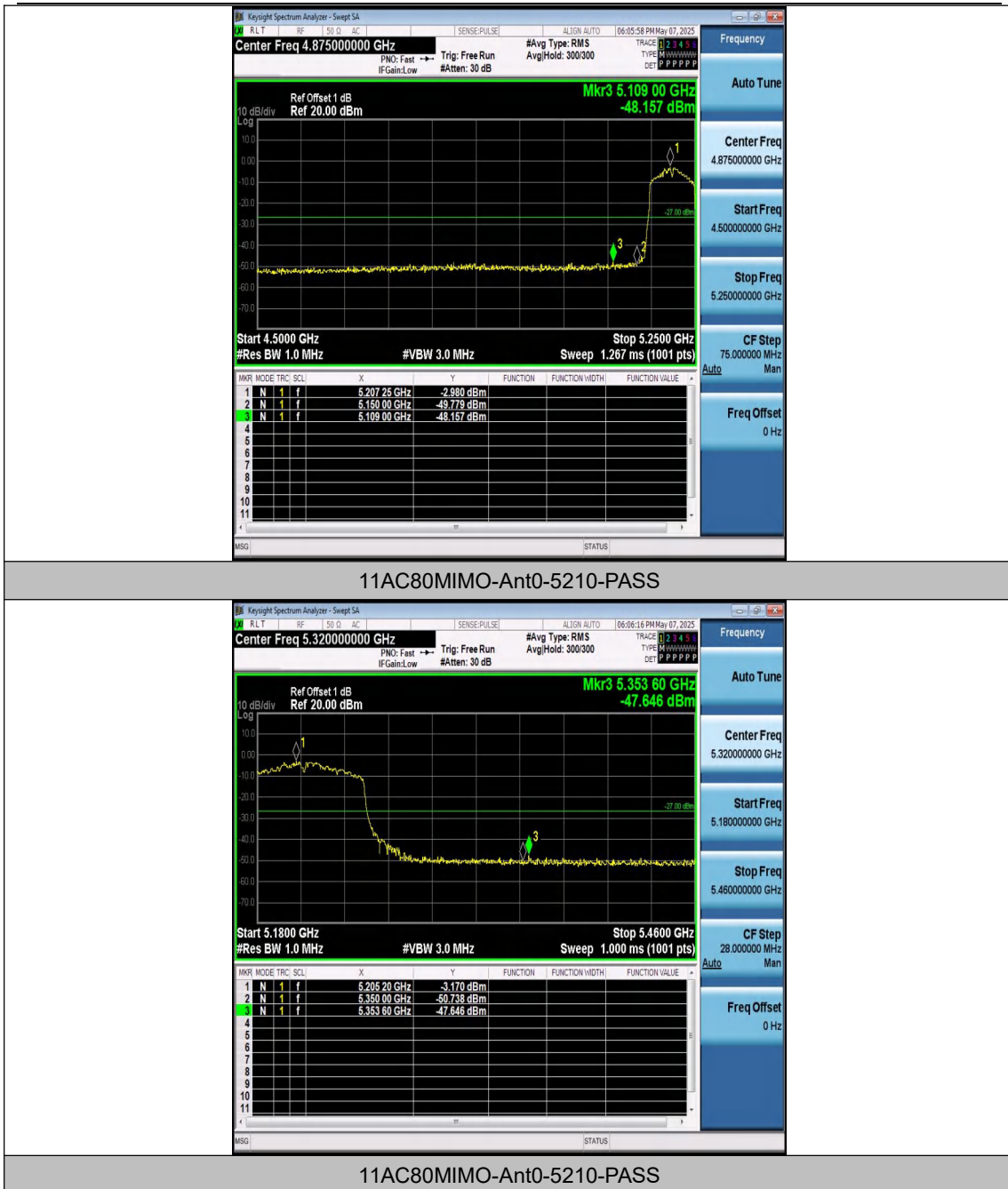
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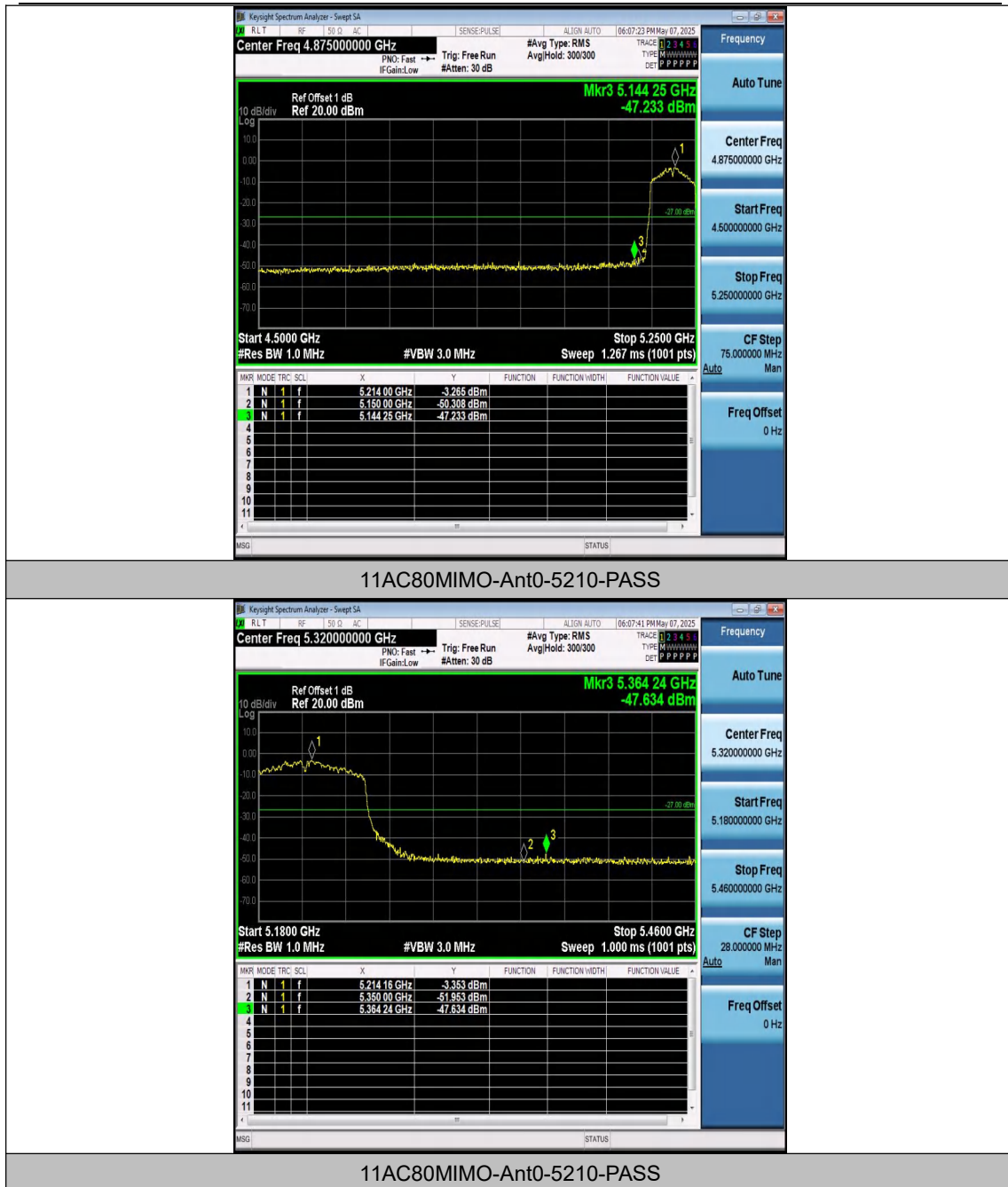


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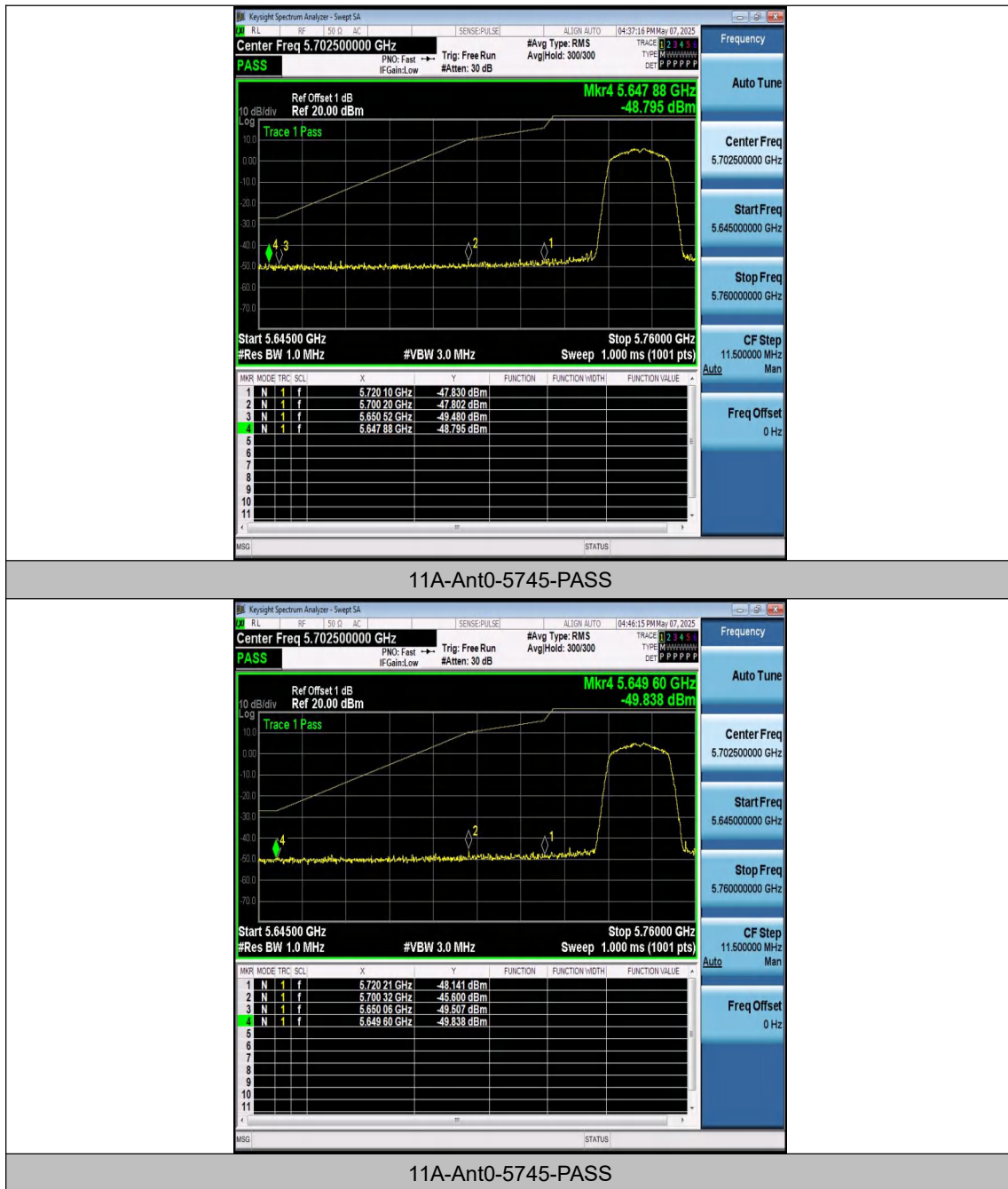
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Test Graphs B4

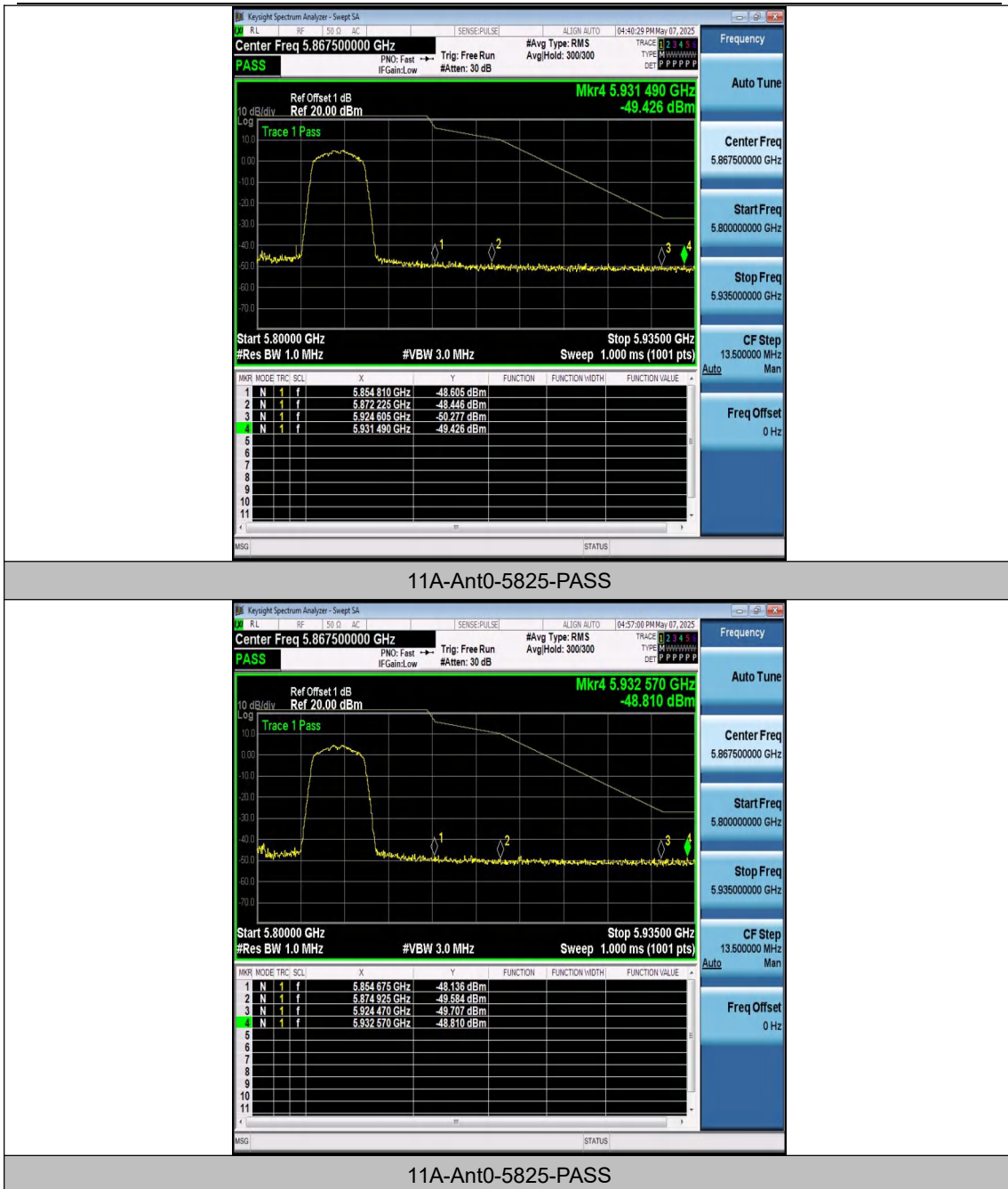


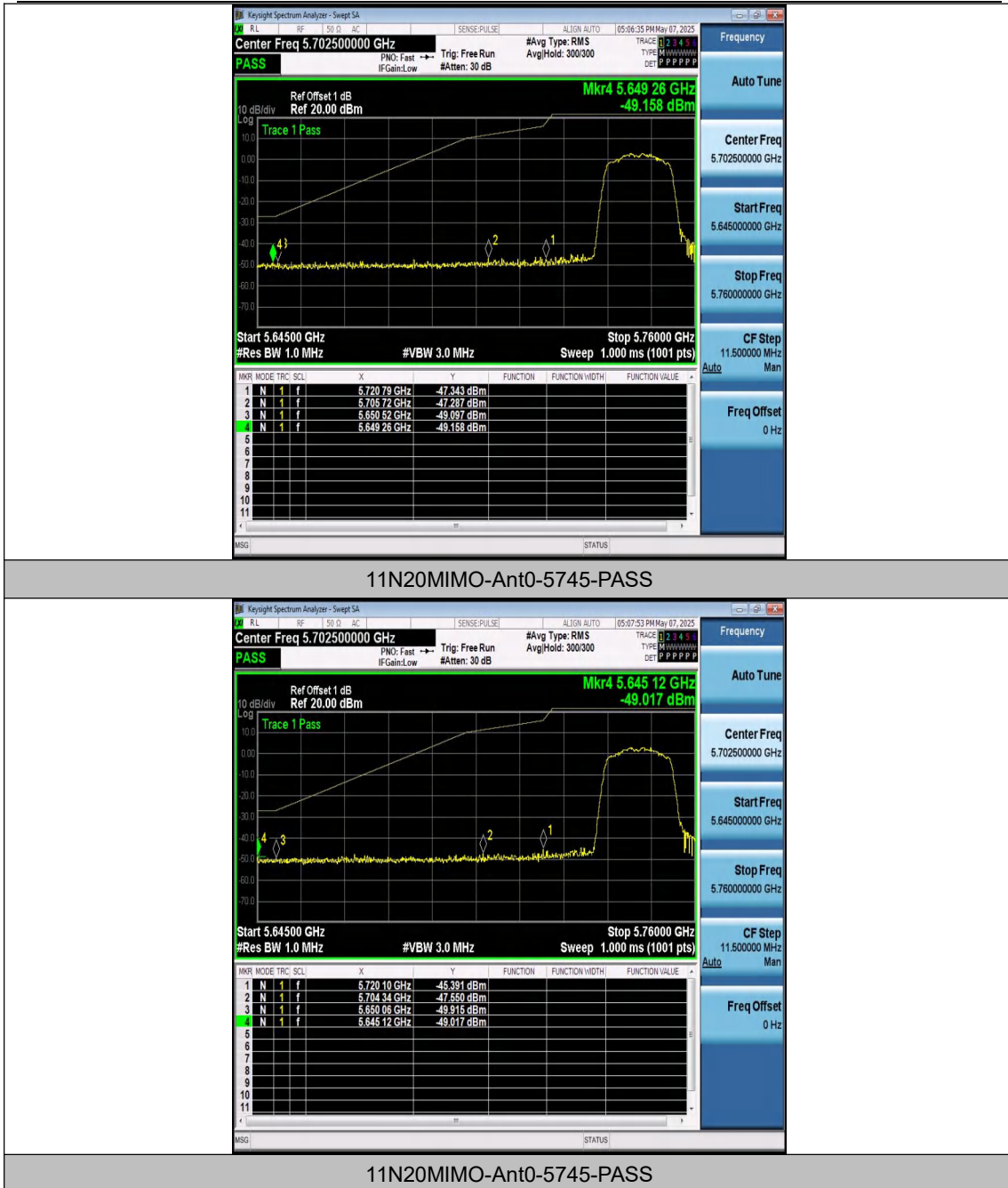
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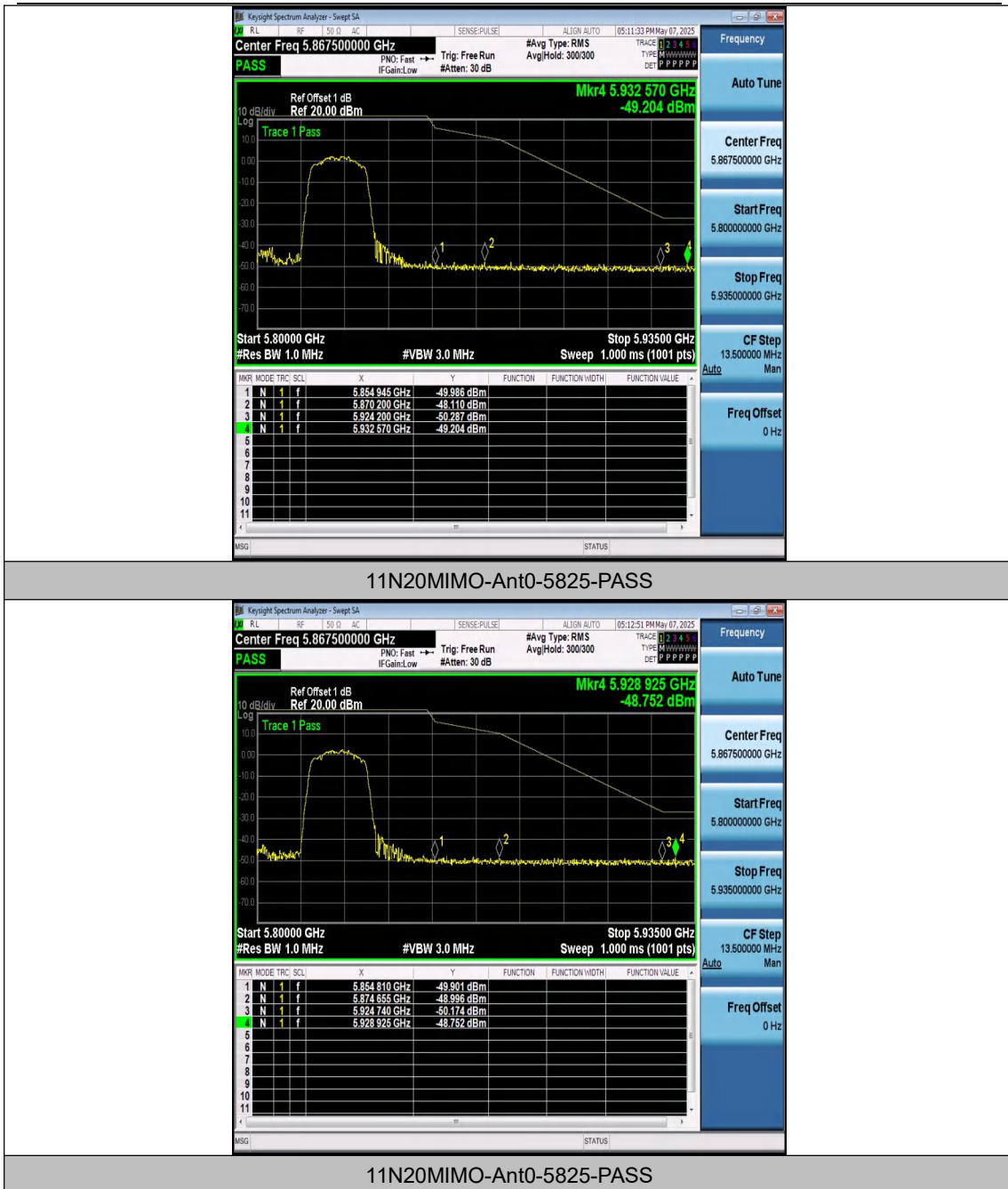


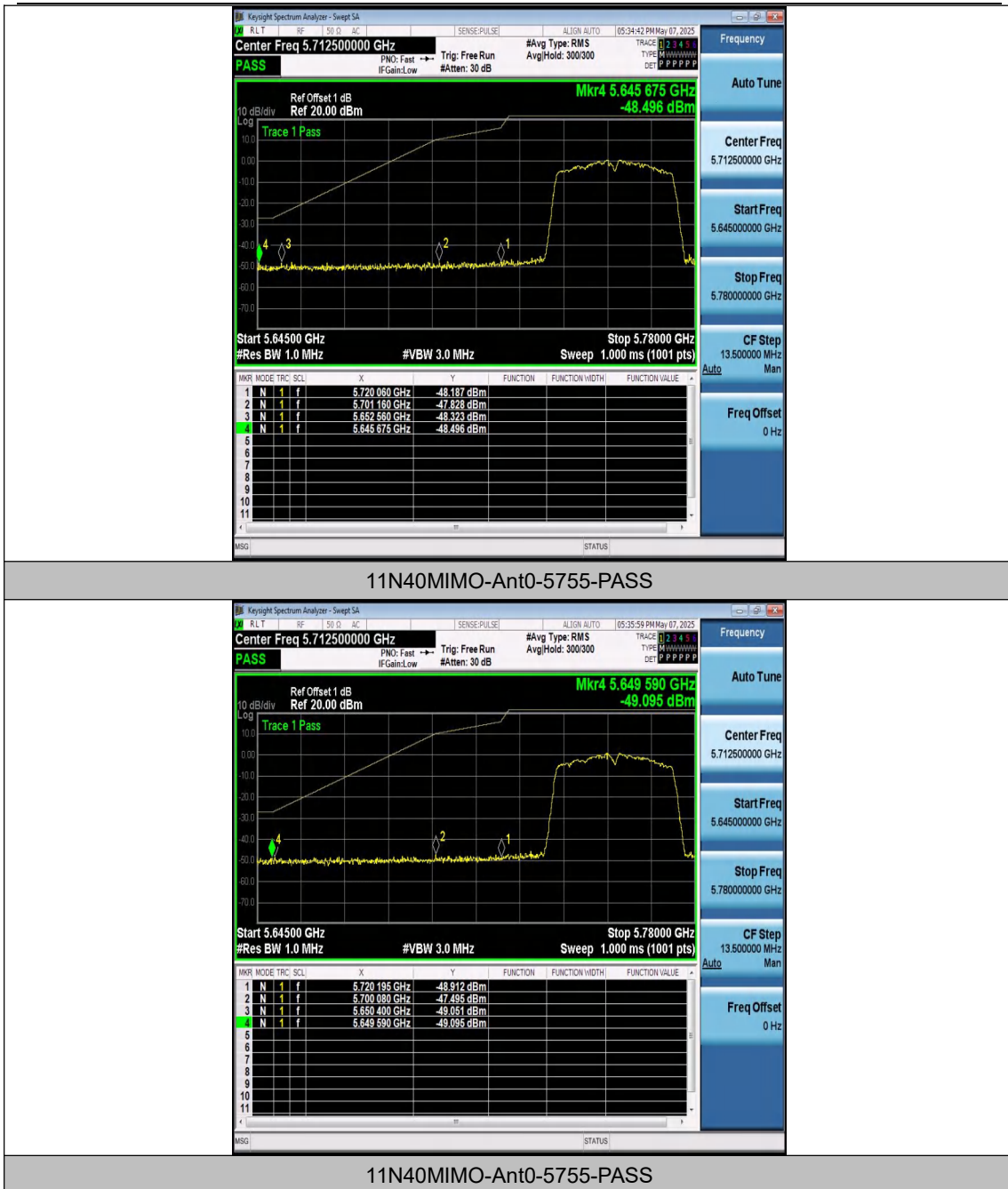


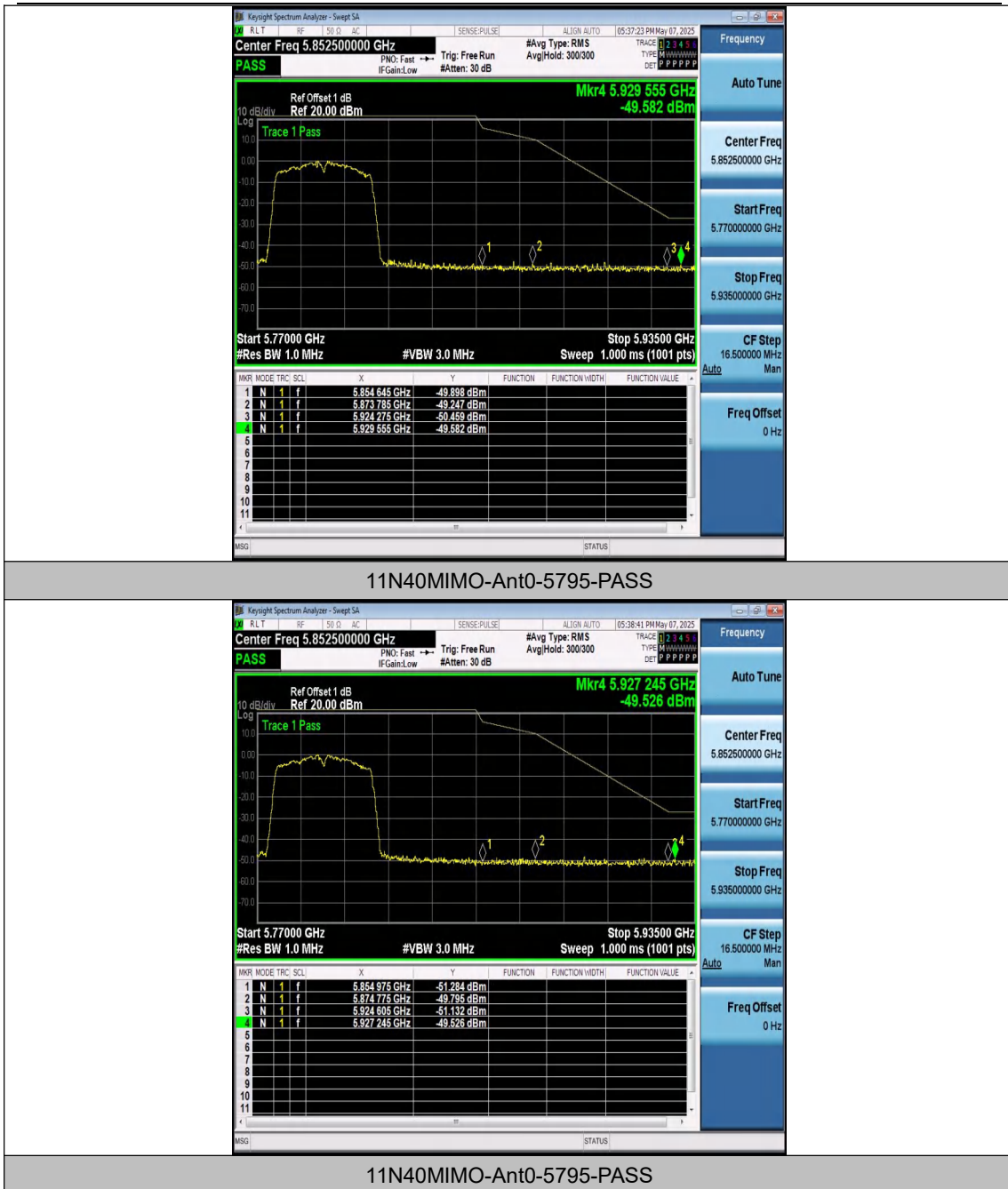
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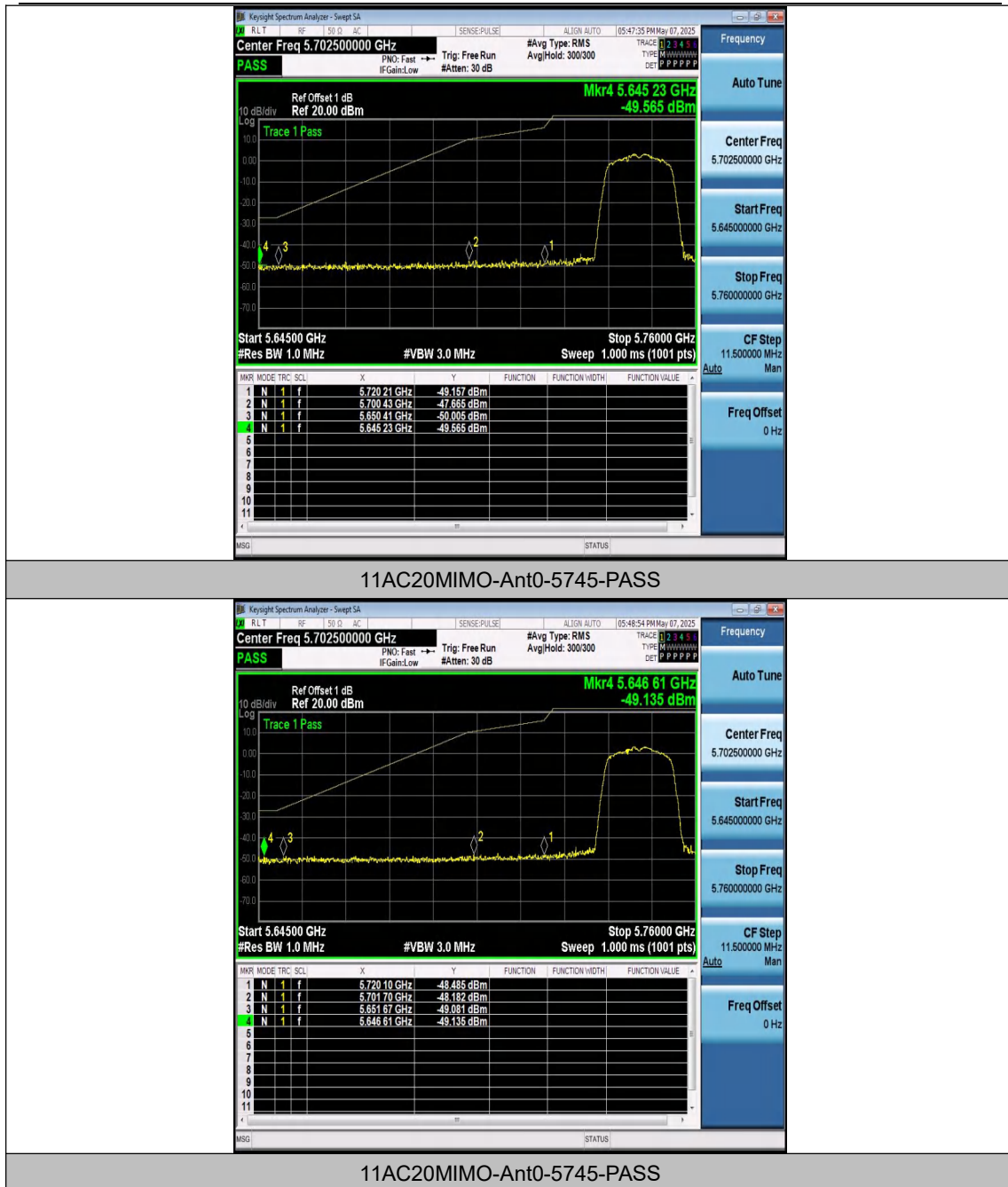


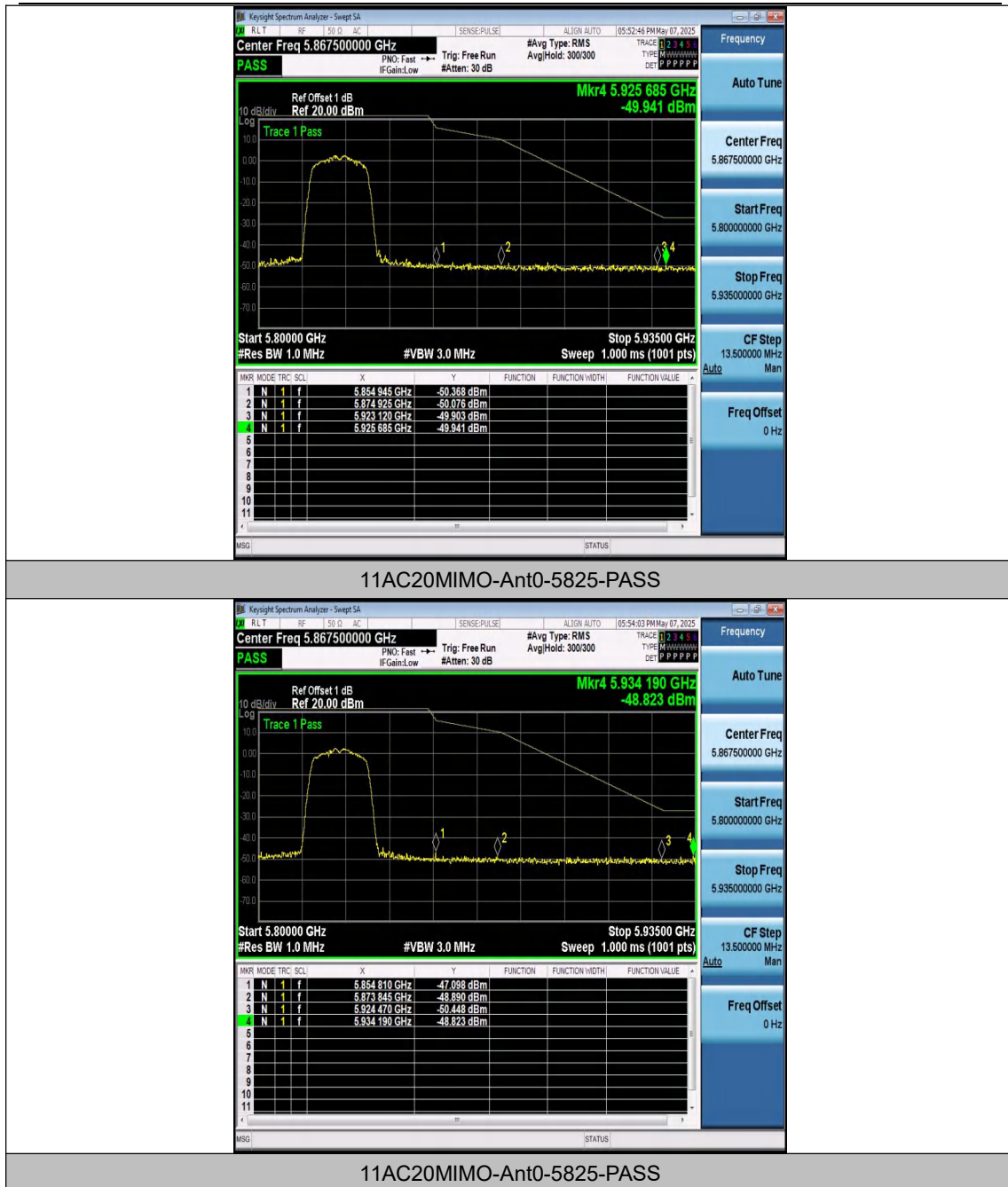


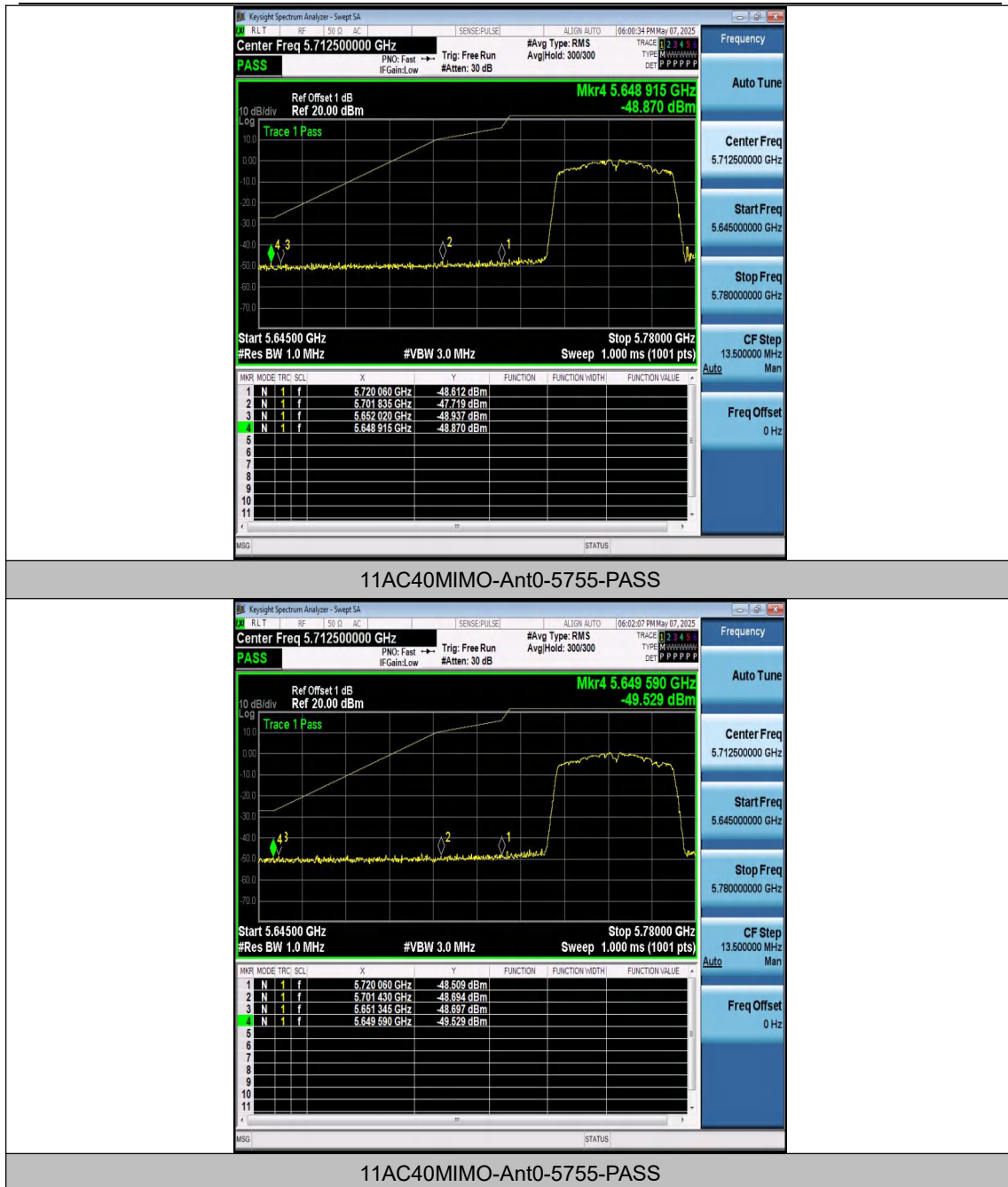
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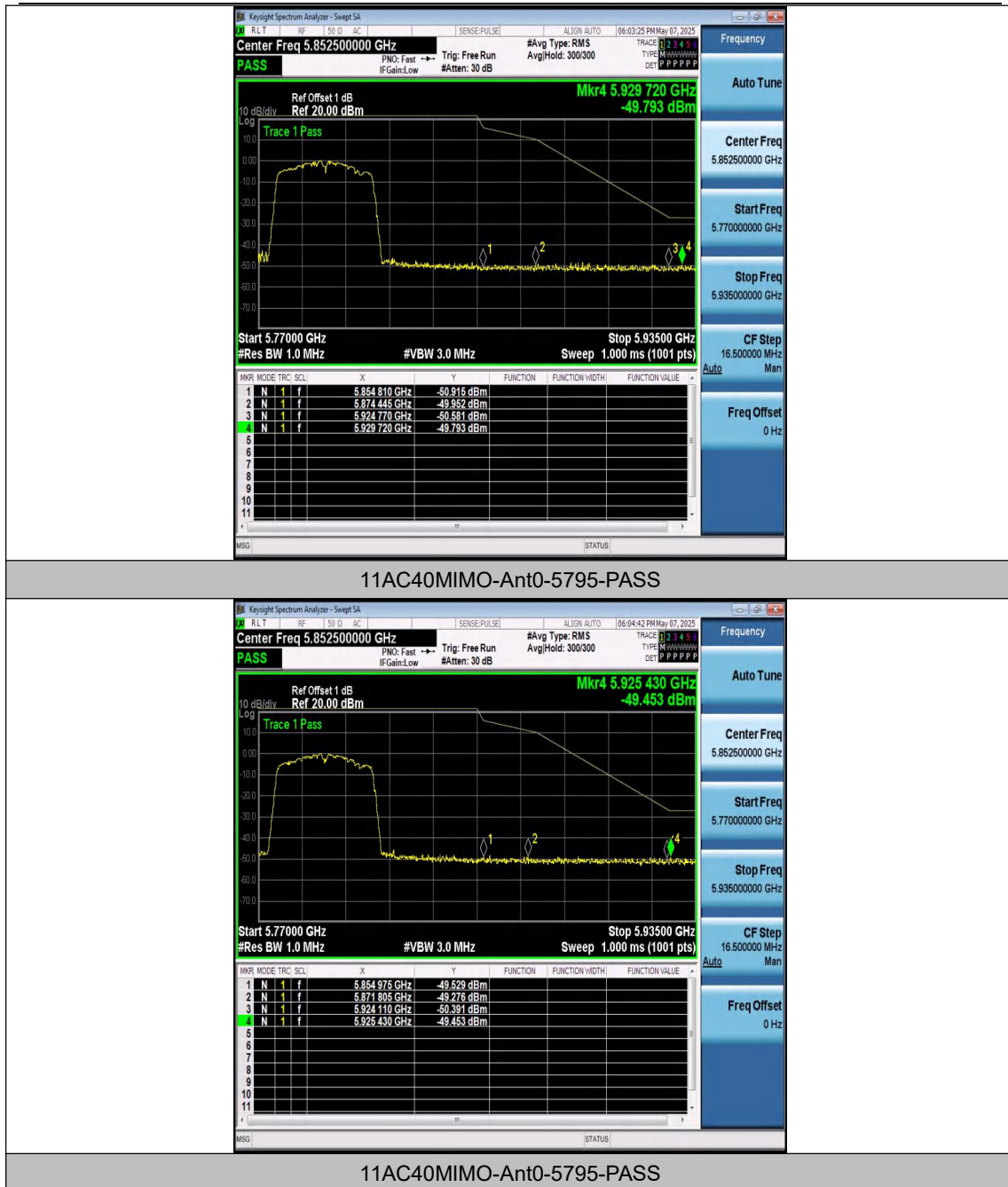
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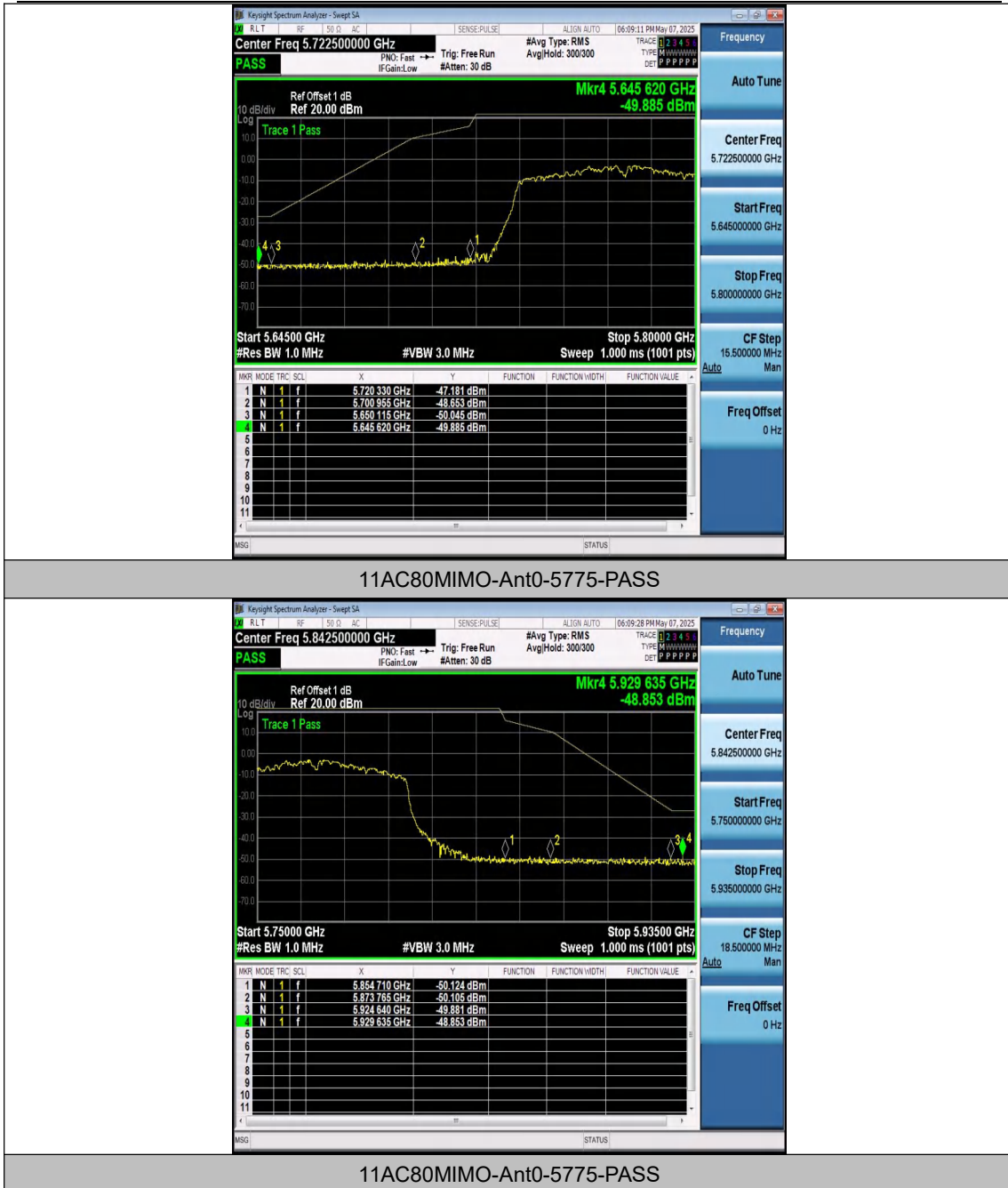
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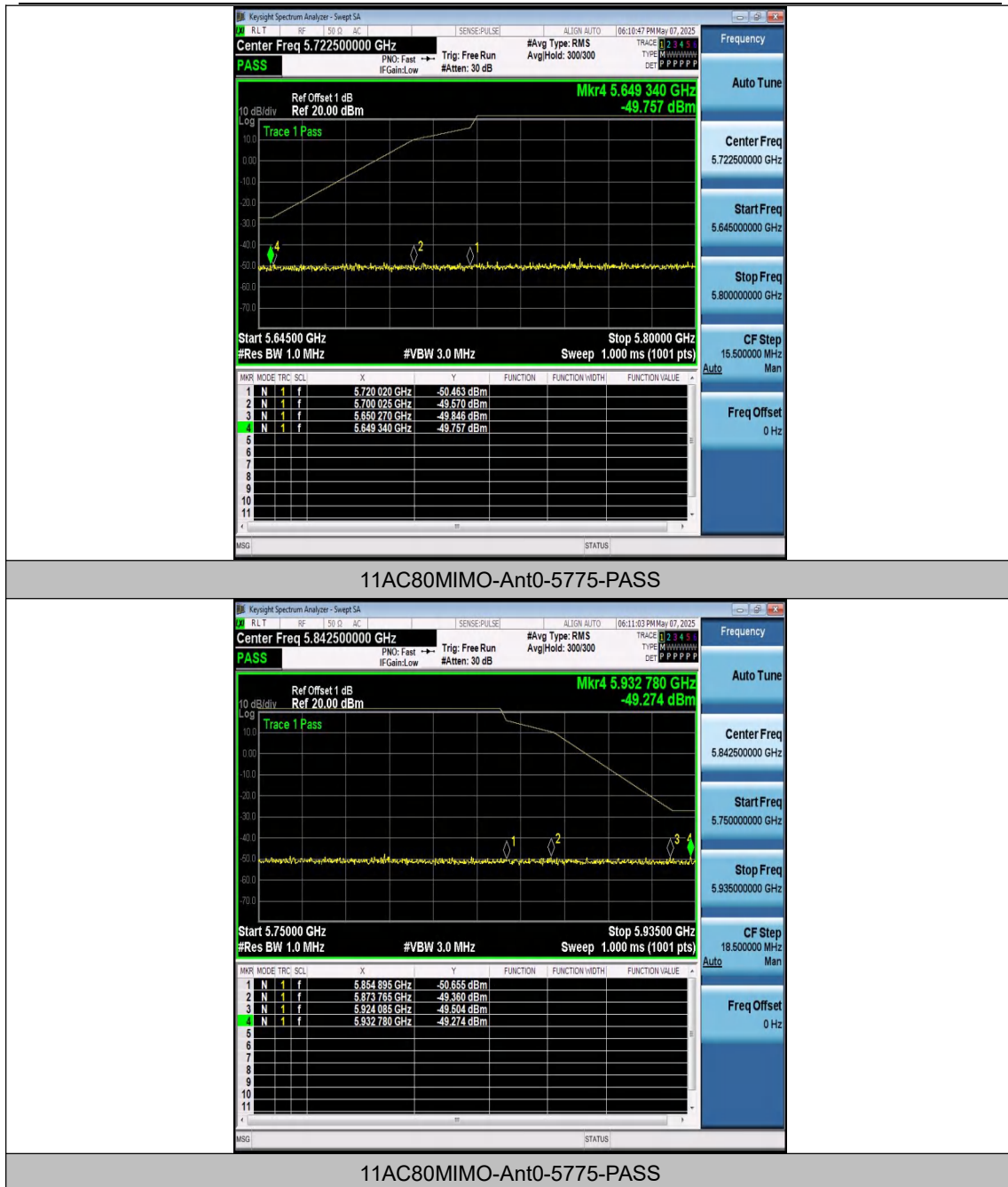












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