

Mode	Ch./ Freq.	Antenna power density (mW/MHz)			Tolerance (%)			Rated power (mW/MHz)		Limit (mW/MHz)	Verdict
	(MHz)	Ant 1	Ant 2	Total	Ant 1	Ant 2	Total	Ant 1 or Ant 2	Total		
	60/ 5300	0.5386	0.4580	0.9966	-2.07	-16.74	-9.40	(-80%~+20%)	(-80%~+20%)	10	Pass
	64/ 5320	0.5150	0.4689	0.9838	-6.37	-14.75	-10.56				Pass
	100/ 5500	0.4880	0.5131	1.0011	-2.40	2.62	0.11				Pass
	120/ 5600	0.4818	0.4955	0.9773	-3.64	-0.91	-2.27	0.5 (-50%~+50%)	1 (-50%~+50%)		Pass
	140/ 5700	0.4568	0.4498	0.9066	-8.63	-10.04	-9.34				Pass
	144/ 5720	0.4472	0.4337	0.8809	-10.56	-13.26	-11.91				Pass
IEEE 802.11ax-HE40	38/ 5190	0.2572	0.2486	0.5058	-14.27	-17.14	-15.70	0.3 (-80%~+20%)	0.6 (-80%~+20%)	5	Pass
	46/ 5230	0.2726	0.2467	0.5193	-9.14	-17.76	-13.45			5	Pass
	54/ 5270	0.2341	0.2613	0.4954	-21.96	-12.91	-17.43	0.3 (-80%~+20%)	0.6 (-80%~+20%)		Pass
	62/ 5310	0.2671	0.2352	0.5024	-10.96	-21.58	-16.27			5	Pass
	102/ 5510	0.2538	0.2347	0.4886	-15.39	-21.75	-18.57				Pass
	118/ 5590	0.2736	0.2689	0.5425	-8.79	-10.36	-9.58	0.3 (-50%~+50%)	0.6 (-50%~+50%)		Pass
	134/ 5670	0.2370	0.2570	0.4940	-20.98	-14.34	-17.66				Pass
	142/ 5710	0.2627	0.2349	0.4977	-12.42	-21.69	-17.05				Pass
IEEE 802.11ax-HE80	42/ 5210	0.1071	0.0912	0.1983	7.10	-8.80	-0.85	0.1 (-80%~+20%)	0.2 (-80%~+20%)	2.5	Pass
	58/ 5290	0.0856	0.0901	0.1757	-14.38	-9.89	-12.13	0.1 (-80%~+20%)	0.2 (-80%~+20%)	2.5	Pass
	106/ 5530	0.1242	0.1102	0.2344	-0.61	-11.84	-6.22	0.125 (-50%~+50%)	0.25 (-50%~+50%)	2.5	Pass
	122/ 5610	0.1208	0.1219	0.2427	-3.37	-2.50	-2.94				Pass
	138/ 5690	0.1136	0.1205	0.2341	-9.13	-3.57	-6.35				Pass

Radiated antenna power

Mode	Channel/ Freq.	Antenna Gain (dBi)		Radiated RF output power density (mW/MHz)			Limit (mW/MHz)	Verdict
	(MHz)	Ant 1	Ant 2	Ant 1	Ant 2	Total		
IEEE 802.11a	36/ 5180	0.86	2.35	1.4594	1.5290	N/A	10	Pass
	44/ 5220			1.6690	1.9636	N/A		Pass
	48/ 5240			1.5016	2.1634	N/A		Pass
	52/ 5260	0.56	1.85	1.0610	1.3702	N/A	5	Pass
	60/ 5300			1.0933	1.4699	N/A		Pass
	64/ 5320			1.0250	1.5054	N/A		Pass
	100/ 5500	1.89	1.63	1.9181	1.7008	N/A	25	Pass
	120/ 5600			1.8660	1.8321	N/A		Pass
	140/ 5700			1.7294	1.5364	N/A		Pass
	144/ 5720			1.7111	1.5247	N/A		Pass
IEEE 802.11n-HT20	36/ 5180	0.86	2.35	0.8356	1.0462	2.22	10	Pass
	44/ 5220			0.9952	1.2490	2.65		Pass
	48/ 5240			0.9113	1.3901	2.67		Pass
	52/ 5260	0.56	1.85	0.6494	0.9232	1.80	5	Pass
	60/ 5300			0.7089	0.9854	1.94		Pass
	64/ 5320			0.6650	1.0156	1.91		Pass
	100/ 5500	1.89	1.63	0.9539	0.9934	2.01	25	Pass
	120/ 5600			0.9318	1.0074	2.00		Pass
	140/ 5700			0.9029	0.7889	1.74		Pass
	144/ 5720			0.8634	0.8082	1.72		Pass
IEEE 802.11n-HT40	38/ 5190	0.86	2.35	0.3416	0.4508	0.93	5	Pass
	46/ 5230			0.3614	0.4475	0.96		Pass
	54/ 5270	0.56	1.85	0.2807	0.4189	0.80	2.5	Pass
	62/ 5310			0.2773	0.3790	0.75		Pass
	102/ 5510	1.89	1.63	0.5167	0.4546	1.00	12.5	Pass
	118/ 5590			0.4377	0.4741	0.94		Pass
	134/ 5670			0.4527	0.4998	0.98		Pass
	142/ 5710			0.5418	0.4552	1.03		Pass
IEEE 802.11ac-VHT20	36/ 5180	0.86	2.35	0.6582	0.7895	1.72	10	Pass
	44/ 5220			0.7681	0.9443	2.03		Pass
	48/ 5240			0.7030	0.9941	1.98		Pass
	52/ 5260	0.56	1.85	0.5277	0.7015	1.41	5	Pass
	60/ 5300			0.6104	0.7182	1.54		Pass
	64/ 5320			0.5938	0.7426	1.54		Pass
	100/ 5500	1.89	1.63	0.7659	0.7685	1.58	25	Pass

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Mode	Channel/ Freq.	Antenna Gain (dBi)		Radiated RF output power density (mW/MHz)			Limit (mW/MHz)	Verdict
	(MHz)	Ant 1	Ant 2	Ant 1	Ant 2	Total		
	120/ 5600			0.7497	0.7365	1.53		Pass
	140/ 5700			0.7131	0.6574	1.41		Pass
	144/ 5720			0.7278	0.6437	1.41		Pass
IEEE 802.11ac-VHT40	38/ 5190	0.86	2.35	0.3258	0.4406	0.90	5	Pass
	46/ 5230			0.3452	0.4394	0.93		Pass
	54/ 5270	0.56	1.85	0.2756	0.4133	0.78	2.5	Pass
	62/ 5310			0.3156	0.3714	0.80		Pass
	102/ 5510	1.89	1.63	0.4091	0.3508	0.78	12.5	Pass
	118/ 5590			0.4384	0.4054	0.87		Pass
	134/ 5670			0.3790	0.3874	0.79		Pass
	142/ 5710			0.4204	0.3534	0.80		Pass
	42/ 5210	0.86	2.35	0.1337	0.1599	0.35	2.5	Pass
IEEE 802.11ac-VHT80	58/ 5290	0.56	1.85	0.0998	0.1402	0.27	1.25	Pass
	106/ 5530	1.89	1.63	0.1958	0.1629	0.37	6.25	Pass
	122/ 5610			0.1901	0.1802	0.38		Pass
	138/ 5690			0.1790	0.1781	0.37		Pass
	36/ 5180	0.86	2.35	0.6874	0.7848	1.75	10	Pass
IEEE 802.11ax-HE20	44/ 5220			0.6360	0.9261	1.82		Pass
	48/ 5240			0.7142	0.9731	1.98		Pass
	52/ 5260	0.56	1.85	0.5325	0.6864	1.40	5	Pass
	60/ 5300			0.6127	0.7012	1.53		Pass
	64/ 5320			0.5858	0.7179	1.51		Pass
	100/ 5500	1.89	1.63	0.7541	0.7468	1.55	25	Pass
	120/ 5600			0.7445	0.7211	1.51		Pass
	140/ 5700			0.7059	0.6546	1.40		Pass
	144/ 5720			0.6910	0.6312	1.36		Pass
IEEE 802.11ax-HE40	38/ 5190	0.86	2.35	0.3135	0.4271	0.87	5	Pass
	46/ 5230			0.3323	0.4238	0.89		Pass
	54/ 5270	0.56	1.85	0.2663	0.4000	0.76	2.5	Pass
	62/ 5310			0.3039	0.3602	0.77		Pass
	102/ 5510	1.89	1.63	0.3923	0.3417	0.75	12.5	Pass
	118/ 5590			0.4228	0.3914	0.84		Pass
	134/ 5670			0.3663	0.3740	0.76		Pass
	142/ 5710			0.4060	0.3419	0.77		Pass
	42/ 5210	0.86	2.35	0.1306	0.1567	0.34	2.5	Pass
IEEE 802.11ax-HE80	58/ 5290	0.56	1.85	0.0974	0.1380	0.27	1.25	Pass
	106/ 5530	1.89	1.63	0.1920	0.1604	0.36	6.25	Pass
	122/ 5610			0.1866	0.1774	0.37		Pass
	138/ 5690			0.1755	0.1754	0.36		Pass

5.7 TRANSMISSION BURST LENGTH

5.7.1 Limit

8ms or less

5.7.2 Test Setup

Refer to section 4.5 for details.

5.7.3 Instruments Used

Refer to section 3 for details

5.7.4 Test Procedures

Table No.45 related to Article 2 Clause 1 item 19-3 of Ordinance Concerning Technical Regulations Conformity Certification etc. of Specified Radio Equipment.

5.7.5 Test Result

Test Condition	Test Mode	Antenna	Frequency [MHz]	Result [ms]	Limit [ms]	Verdict
NTNV	11A	Ant1	5180	5.48	≤8	PASS
NTNV	11A	Ant1	5180	5.48	≤8	PASS
NTNV	11A	Ant1	5180	5.48	≤8	PASS
NTNV	11A	Ant2	5180	5.48	≤8	PASS
NTNV	11A	Ant1	5220	5.48	≤8	PASS
NTNV	11A	Ant1	5220	5.48	≤8	PASS
NTNV	11A	Ant1	5220	5.48	≤8	PASS
NTNV	11A	Ant2	5220	5.48	≤8	PASS
NTNV	11A	Ant1	5240	5.48	≤8	PASS
NTNV	11A	Ant1	5240	5.48	≤8	PASS
NTNV	11A	Ant1	5240	5.48	≤8	PASS
NTNV	11A	Ant2	5240	5.48	≤8	PASS
NTNV	11A	Ant1	5260	5.48	≤8	PASS
NTNV	11A	Ant2	5260	5.48	≤8	PASS
NTNV	11A	Ant1	5300	5.48	≤8	PASS
NTNV	11A	Ant2	5300	5.48	≤8	PASS
NTNV	11A	Ant1	5320	5.48	≤8	PASS
NTNV	11A	Ant2	5320	5.48	≤8	PASS
NTNV	11A	Ant1	5500	5.48	≤8	PASS
NTNV	11A	Ant2	5500	5.48	≤8	PASS
NTNV	11A	Ant1	5600	5.48	≤8	PASS
NTNV	11A	Ant2	5600	5.48	≤8	PASS
NTNV	11A	Ant1	5700	5.48	≤8	PASS
NTNV	11A	Ant2	5700	5.48	≤8	PASS
NTNV	11A	Ant1	5720	5.48	≤8	PASS
NTNV	11A	Ant2	5720	5.48	≤8	PASS
NTNV	11N20MIMO	Ant1	5180	5.36	≤8	PASS
NTNV	11N20MIMO	Ant2	5180	5.37	≤8	PASS
NTNV	11N20MIMO	Ant1	5220	5.37	≤8	PASS
NTNV	11N20MIMO	Ant2	5220	5.36	≤8	PASS
NTNV	11N20MIMO	Ant1	5240	5.36	≤8	PASS
NTNV	11N20MIMO	Ant2	5240	5.37	≤8	PASS
NTNV	11N20MIMO	Ant1	5260	5.37	≤8	PASS
NTNV	11N20MIMO	Ant2	5260	5.37	≤8	PASS
NTNV	11N20MIMO	Ant1	5300	5.36	≤8	PASS
NTNV	11N20MIMO	Ant2	5300	5.36	≤8	PASS
NTNV	11N20MIMO	Ant1	5320	5.37	≤8	PASS
NTNV	11N20MIMO	Ant2	5320	5.36	≤8	PASS
NTNV	11N20MIMO	Ant1	5500	5.37	≤8	PASS
NTNV	11N20MIMO	Ant2	5500	5.36	≤8	PASS
NTNV	11N20MIMO	Ant1	5600	5.36	≤8	PASS
NTNV	11N20MIMO	Ant2	5600	5.37	≤8	PASS

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Test Condition	Test Mode	Antenna	Frequency [MHz]	Result [ms]	Limit [ms]	Verdict
NTNV	11N20MIMO	Ant1	5700	5.36	≤8	PASS
NTNV	11N20MIMO	Ant2	5700	5.37	≤8	PASS
NTNV	11N20MIMO	Ant1	5720	5.36	≤8	PASS
NTNV	11N20MIMO	Ant2	5720	5.36	≤8	PASS
NTNV	11N40MIMO	Ant1	5190	3.01	≤8	PASS
NTNV	11N40MIMO	Ant2	5190	3.01	≤8	PASS
NTNV	11N40MIMO	Ant1	5230	3.01	≤8	PASS
NTNV	11N40MIMO	Ant2	5230	3.01	≤8	PASS
NTNV	11N40MIMO	Ant1	5270	3.01	≤8	PASS
NTNV	11N40MIMO	Ant2	5270	3.01	≤8	PASS
NTNV	11N40MIMO	Ant1	5310	3.01	≤8	PASS
NTNV	11N40MIMO	Ant2	5310	3.01	≤8	PASS
NTNV	11N40MIMO	Ant1	5510	3.01	≤8	PASS
NTNV	11N40MIMO	Ant2	5510	3.01	≤8	PASS
NTNV	11N40MIMO	Ant1	5590	3.01	≤8	PASS
NTNV	11N40MIMO	Ant2	5590	3.01	≤8	PASS
NTNV	11N40MIMO	Ant1	5670	3.01	≤8	PASS
NTNV	11N40MIMO	Ant2	5670	3.01	≤8	PASS
NTNV	11N40MIMO	Ant1	5710	3.01	≤8	PASS
NTNV	11N40MIMO	Ant2	5710	3.01	≤8	PASS
NTNV	11AC20MIMO	Ant1	5180	5.37	≤8	PASS
NTNV	11AC20MIMO	Ant2	5180	5.37	≤8	PASS
NTNV	11AC20MIMO	Ant1	5220	5.37	≤8	PASS
NTNV	11AC20MIMO	Ant2	5220	5.37	≤8	PASS
NTNV	11AC20MIMO	Ant1	5240	5.37	≤8	PASS
NTNV	11AC20MIMO	Ant2	5240	5.37	≤8	PASS
NTNV	11AC20MIMO	Ant1	5260	5.37	≤8	PASS
NTNV	11AC20MIMO	Ant2	5260	5.37	≤8	PASS
NTNV	11AC20MIMO	Ant1	5300	5.37	≤8	PASS
NTNV	11AC20MIMO	Ant2	5300	5.37	≤8	PASS
NTNV	11AC20MIMO	Ant1	5320	5.38	≤8	PASS
NTNV	11AC20MIMO	Ant2	5320	5.37	≤8	PASS
NTNV	11AC20MIMO	Ant1	5500	5.37	≤8	PASS
NTNV	11AC20MIMO	Ant2	5500	5.37	≤8	PASS
NTNV	11AC20MIMO	Ant1	5600	5.37	≤8	PASS
NTNV	11AC20MIMO	Ant2	5600	5.37	≤8	PASS
NTNV	11AC20MIMO	Ant1	5700	5.38	≤8	PASS
NTNV	11AC20MIMO	Ant2	5700	5.37	≤8	PASS
NTNV	11AC20MIMO	Ant1	5720	5.37	≤8	PASS
NTNV	11AC20MIMO	Ant2	5720	5.37	≤8	PASS
NTNV	11AC40MIMO	Ant1	5190	5.15	≤8	PASS
NTNV	11AC40MIMO	Ant2	5190	5.15	≤8	PASS
NTNV	11AC40MIMO	Ant1	5230	5.15	≤8	PASS
NTNV	11AC40MIMO	Ant2	5230	5.15	≤8	PASS
NTNV	11AC40MIMO	Ant1	5270	5.15	≤8	PASS
NTNV	11AC40MIMO	Ant2	5270	5.15	≤8	PASS
NTNV	11AC40MIMO	Ant1	5310	5.15	≤8	PASS
NTNV	11AC40MIMO	Ant2	5310	5.15	≤8	PASS
NTNV	11AC40MIMO	Ant1	5510	5.15	≤8	PASS
NTNV	11AC40MIMO	Ant2	5510	5.15	≤8	PASS
NTNV	11AC40MIMO	Ant1	5590	5.15	≤8	PASS
NTNV	11AC40MIMO	Ant2	5590	5.15	≤8	PASS
NTNV	11AC40MIMO	Ant1	5670	5.15	≤8	PASS
NTNV	11AC40MIMO	Ant2	5670	5.16	≤8	PASS
NTNV	11AC40MIMO	Ant1	5710	5.15	≤8	PASS
NTNV	11AC40MIMO	Ant2	5710	5.15	≤8	PASS
NTNV	11AC80MIMO	Ant1	5210	4.75	≤8	PASS
NTNV	11AC80MIMO	Ant2	5210	4.75	≤8	PASS
NTNV	11AC80MIMO	Ant1	5290	4.75	≤8	PASS
NTNV	11AC80MIMO	Ant2	5290	4.75	≤8	PASS
NTNV	11AC80MIMO	Ant1	5530	4.75	≤8	PASS

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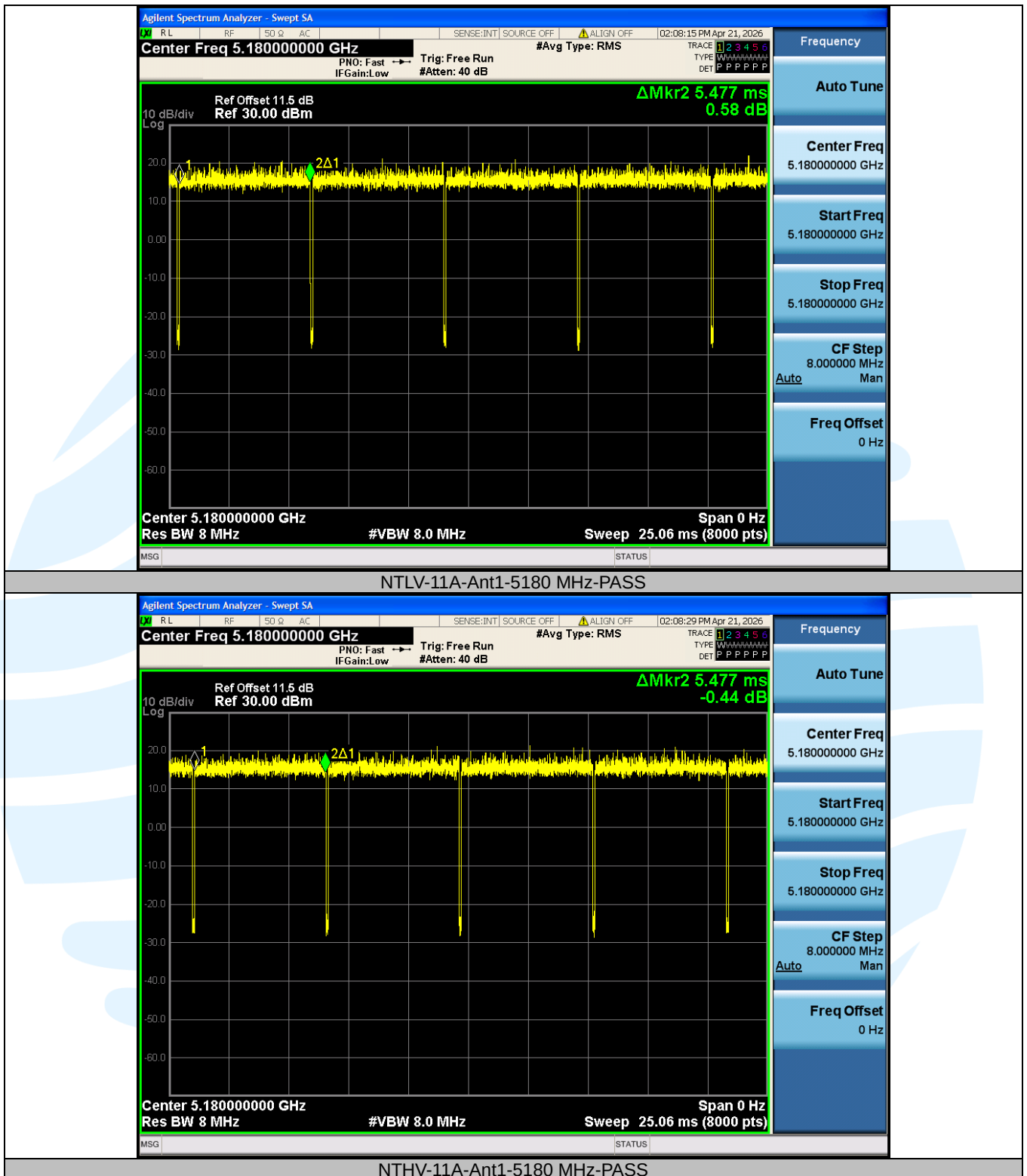
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Test Condition	Test Mode	Antenna	Frequency [MHz]	Result [ms]	Limit [ms]	Verdict
NTNV	11AC80MIMO	Ant2	5530	4.75	≤8	PASS
NTNV	11AC80MIMO	Ant1	5610	4.75	≤8	PASS
NTNV	11AC80MIMO	Ant2	5610	4.75	≤8	PASS
NTNV	11AC80MIMO	Ant1	5690	4.75	≤8	PASS
NTNV	11AC80MIMO	Ant2	5690	4.75	≤8	PASS
NTNV	11AX20MIMO	Ant1	5180	4.64	≤8	PASS
NTNV	11AX20MIMO	Ant2	5180	4.64	≤8	PASS
NTNV	11AX20MIMO	Ant1	5220	4.64	≤8	PASS
NTNV	11AX20MIMO	Ant2	5220	4.64	≤8	PASS
NTNV	11AX20MIMO	Ant1	5240	4.64	≤8	PASS
NTNV	11AX20MIMO	Ant2	5240	4.64	≤8	PASS
NTNV	11AX20MIMO	Ant1	5260	4.64	≤8	PASS
NTNV	11AX20MIMO	Ant2	5260	4.64	≤8	PASS
NTNV	11AX20MIMO	Ant1	5300	4.64	≤8	PASS
NTNV	11AX20MIMO	Ant2	5300	4.64	≤8	PASS
NTNV	11AX20MIMO	Ant1	5320	4.64	≤8	PASS
NTNV	11AX20MIMO	Ant2	5320	4.64	≤8	PASS
NTNV	11AX20MIMO	Ant1	5500	4.64	≤8	PASS
NTNV	11AX20MIMO	Ant2	5500	4.64	≤8	PASS
NTNV	11AX20MIMO	Ant1	5600	4.64	≤8	PASS
NTNV	11AX20MIMO	Ant2	5600	4.64	≤8	PASS
NTNV	11AX20MIMO	Ant1	5700	4.64	≤8	PASS
NTNV	11AX20MIMO	Ant2	5700	4.64	≤8	PASS
NTNV	11AX20MIMO	Ant1	5720	4.64	≤8	PASS
NTNV	11AX20MIMO	Ant2	5720	4.64	≤8	PASS
NTNV	11AX40MIMO	Ant1	5190	4.63	≤8	PASS
NTNV	11AX40MIMO	Ant2	5190	4.63	≤8	PASS
NTNV	11AX40MIMO	Ant1	5230	4.63	≤8	PASS
NTNV	11AX40MIMO	Ant2	5230	4.63	≤8	PASS
NTNV	11AX40MIMO	Ant1	5270	4.63	≤8	PASS
NTNV	11AX40MIMO	Ant2	5270	4.63	≤8	PASS
NTNV	11AX40MIMO	Ant1	5310	4.63	≤8	PASS
NTNV	11AX40MIMO	Ant2	5310	4.63	≤8	PASS
NTNV	11AX40MIMO	Ant1	5510	4.63	≤8	PASS
NTNV	11AX40MIMO	Ant2	5510	4.63	≤8	PASS
NTNV	11AX40MIMO	Ant1	5590	4.63	≤8	PASS
NTNV	11AX40MIMO	Ant2	5590	4.63	≤8	PASS
NTNV	11AX40MIMO	Ant1	5670	4.63	≤8	PASS
NTNV	11AX40MIMO	Ant2	5670	4.63	≤8	PASS
NTNV	11AX40MIMO	Ant1	5710	4.63	≤8	PASS
NTNV	11AX40MIMO	Ant2	5710	4.63	≤8	PASS
NTNV	11AX80MIMO	Ant1	5210	4.42	≤8	PASS
NTNV	11AX80MIMO	Ant2	5210	4.42	≤8	PASS
NTNV	11AX80MIMO	Ant1	5290	4.42	≤8	PASS
NTNV	11AX80MIMO	Ant2	5290	4.42	≤8	PASS
NTNV	11AX80MIMO	Ant1	5530	4.42	≤8	PASS
NTNV	11AX80MIMO	Ant2	5530	4.42	≤8	PASS
NTNV	11AX80MIMO	Ant1	5610	4.42	≤8	PASS
NTNV	11AX80MIMO	Ant2	5610	4.42	≤8	PASS
NTNV	11AX80MIMO	Ant1	5690	4.42	≤8	PASS
NTNV	11AX80MIMO	Ant2	5690	4.42	≤8	PASS



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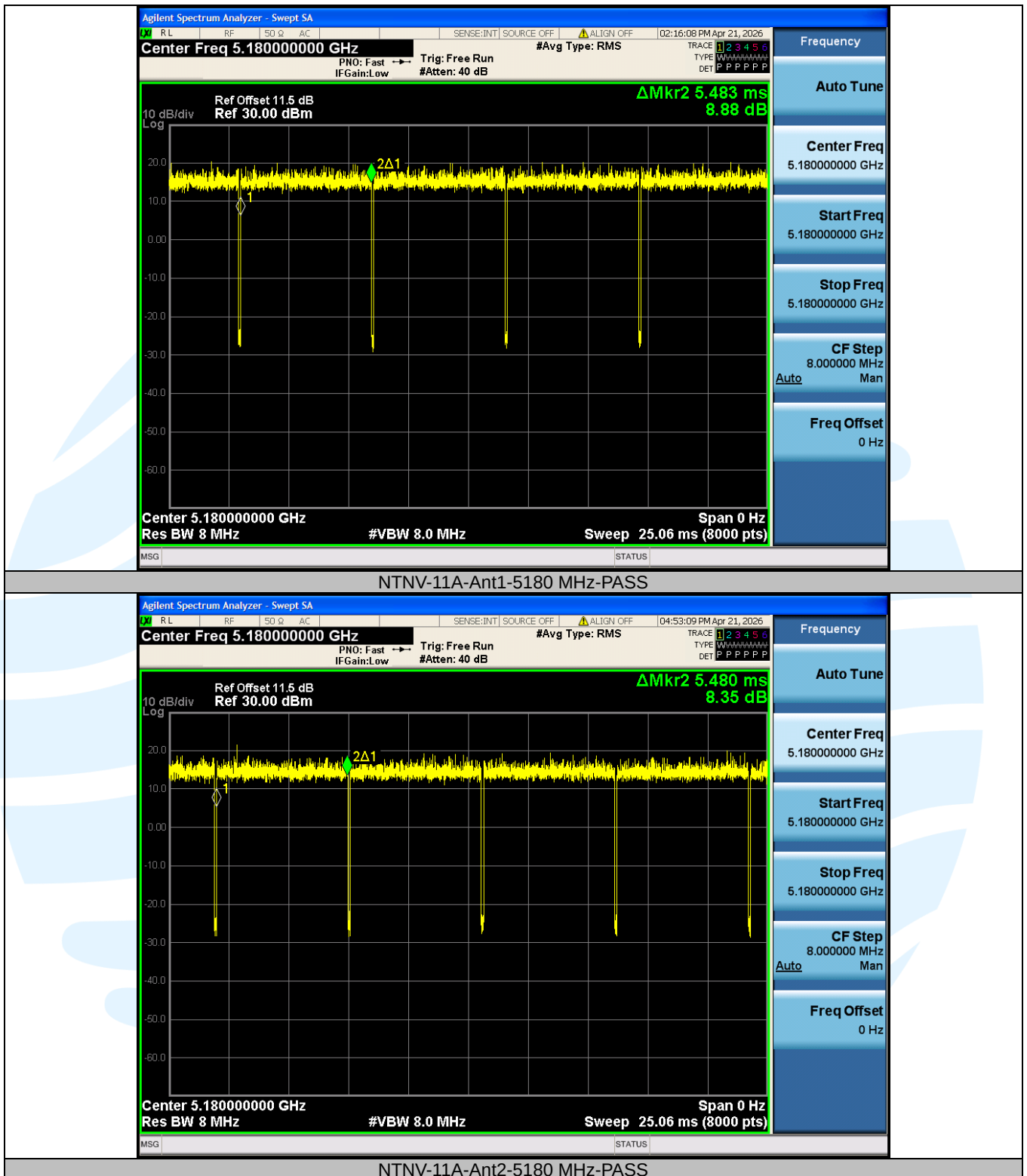
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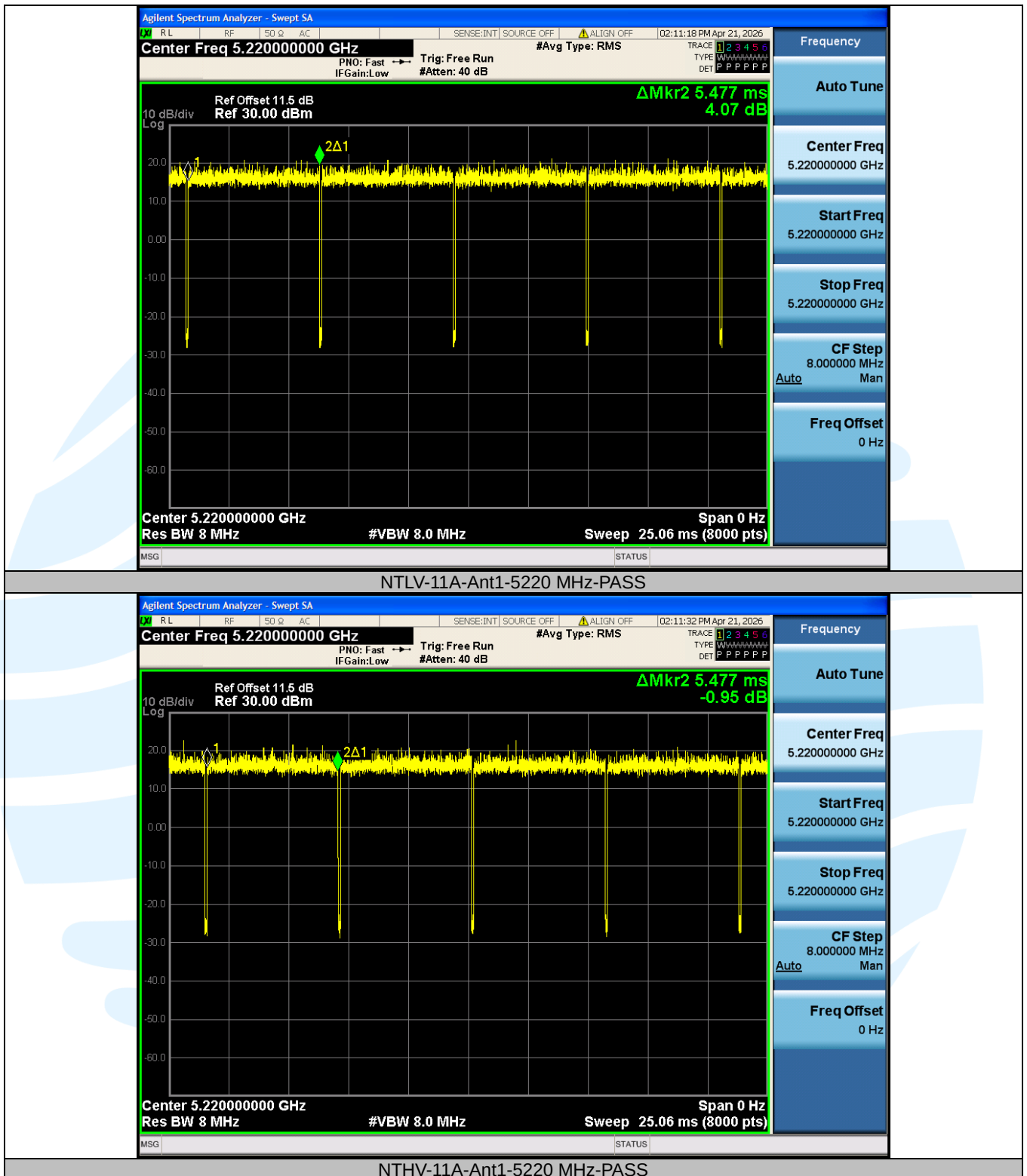
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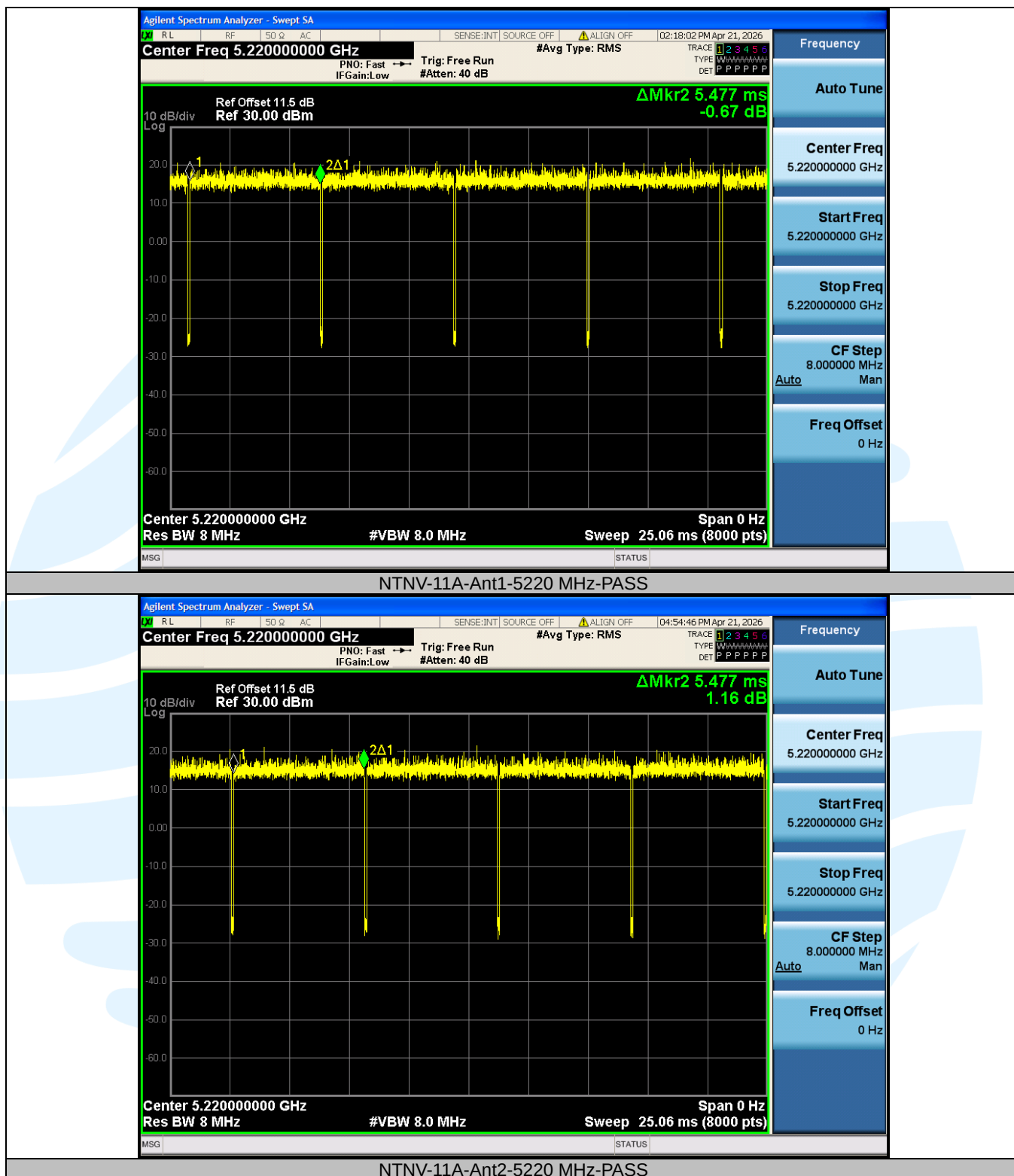
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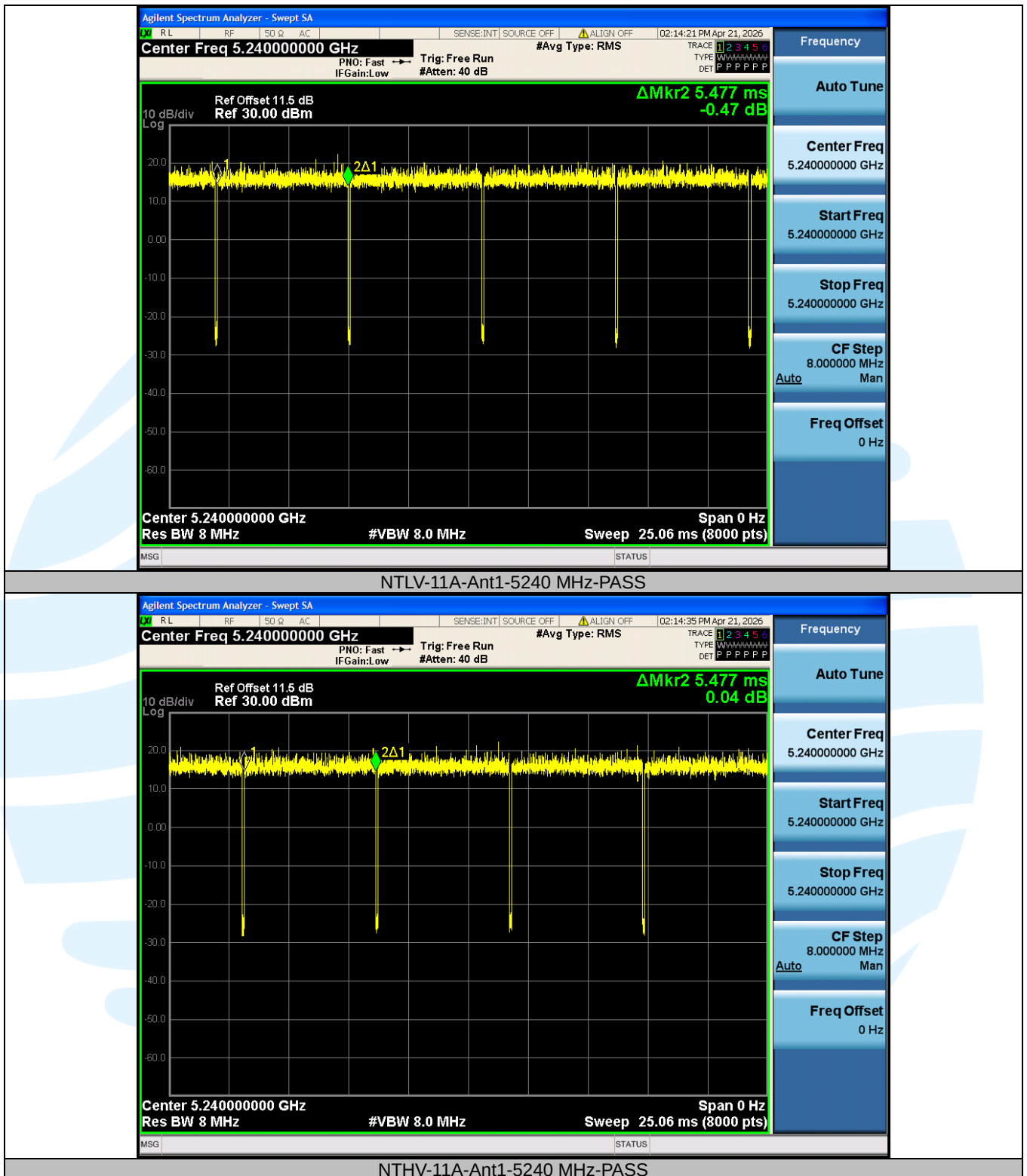
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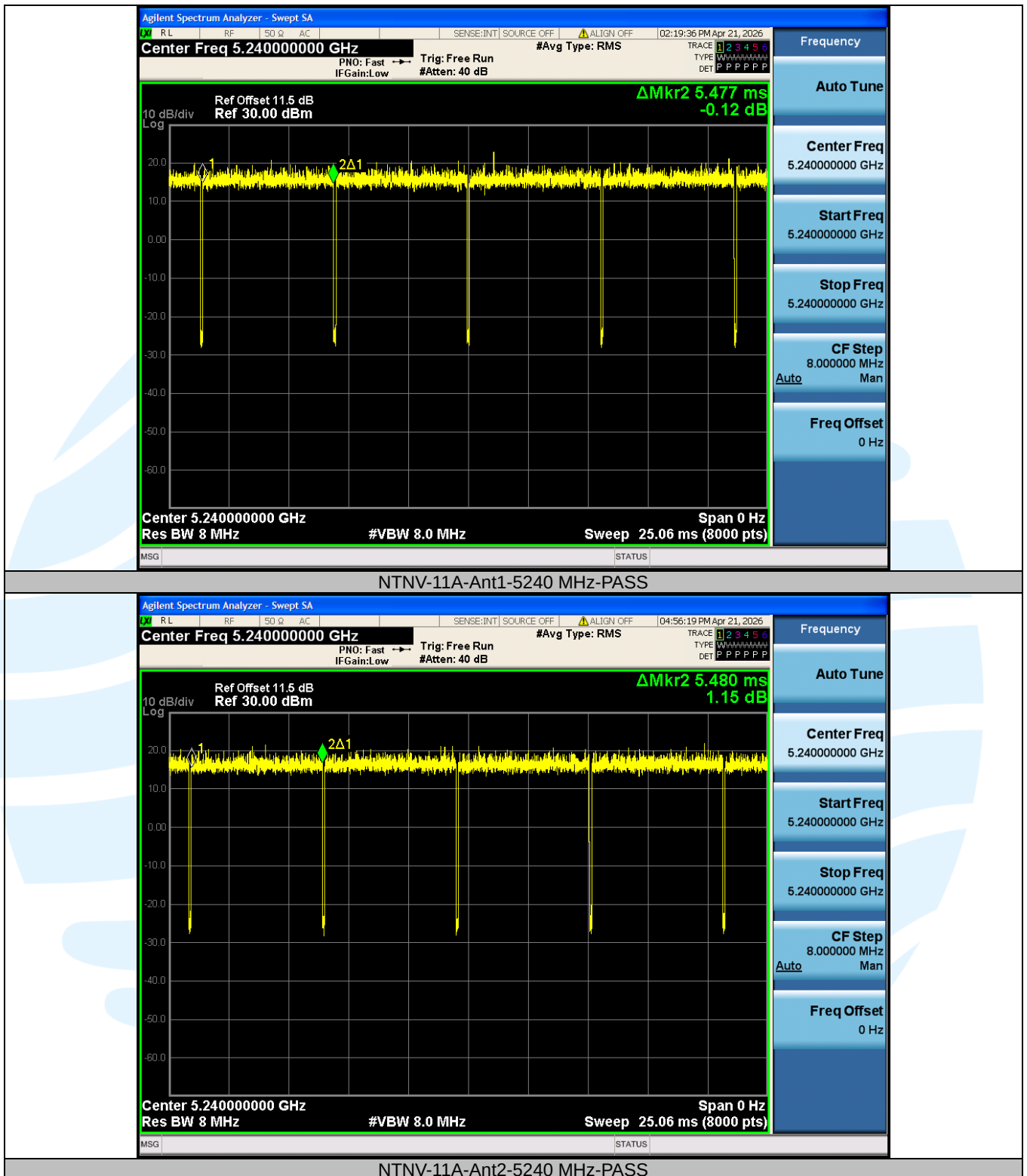
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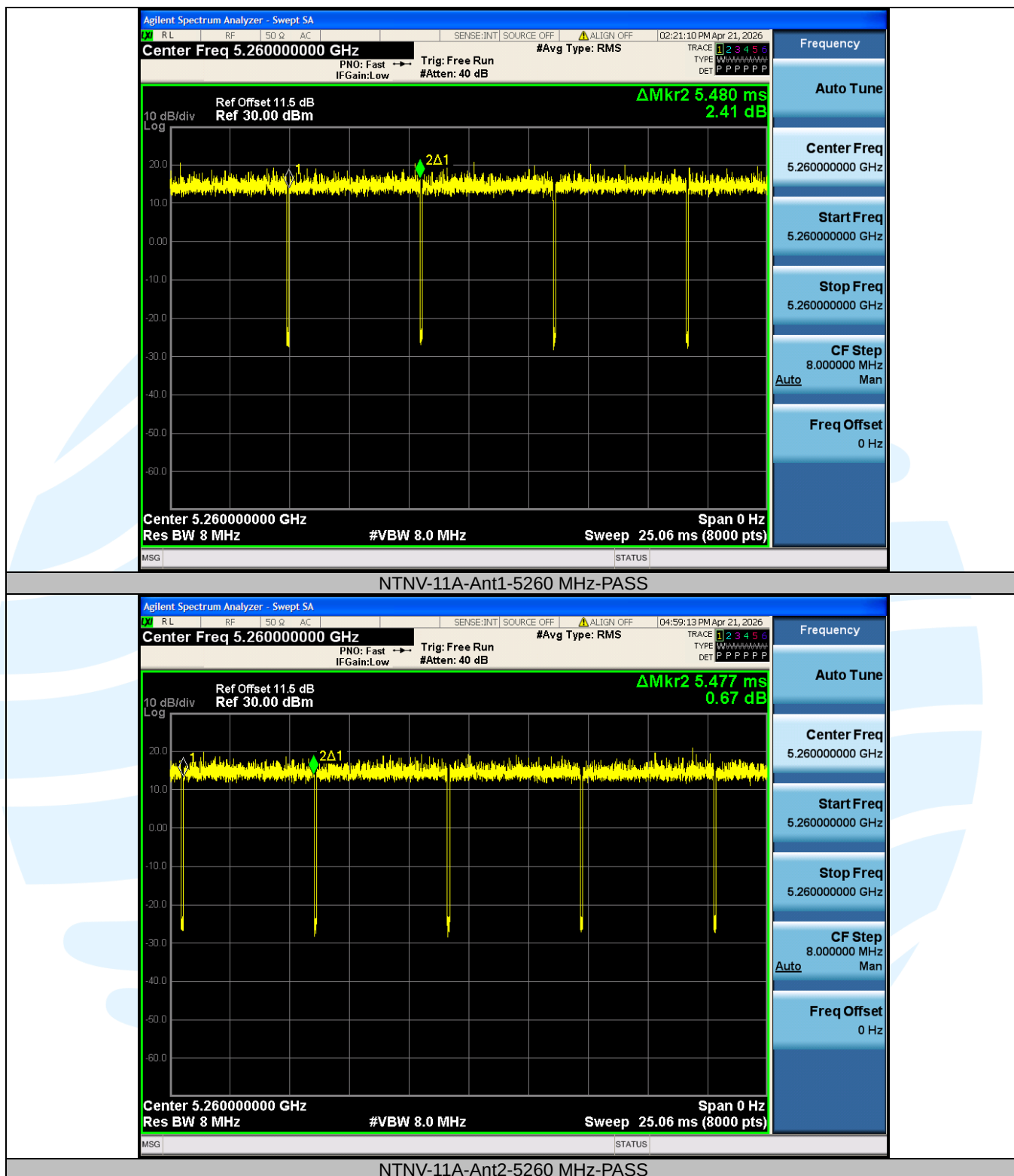
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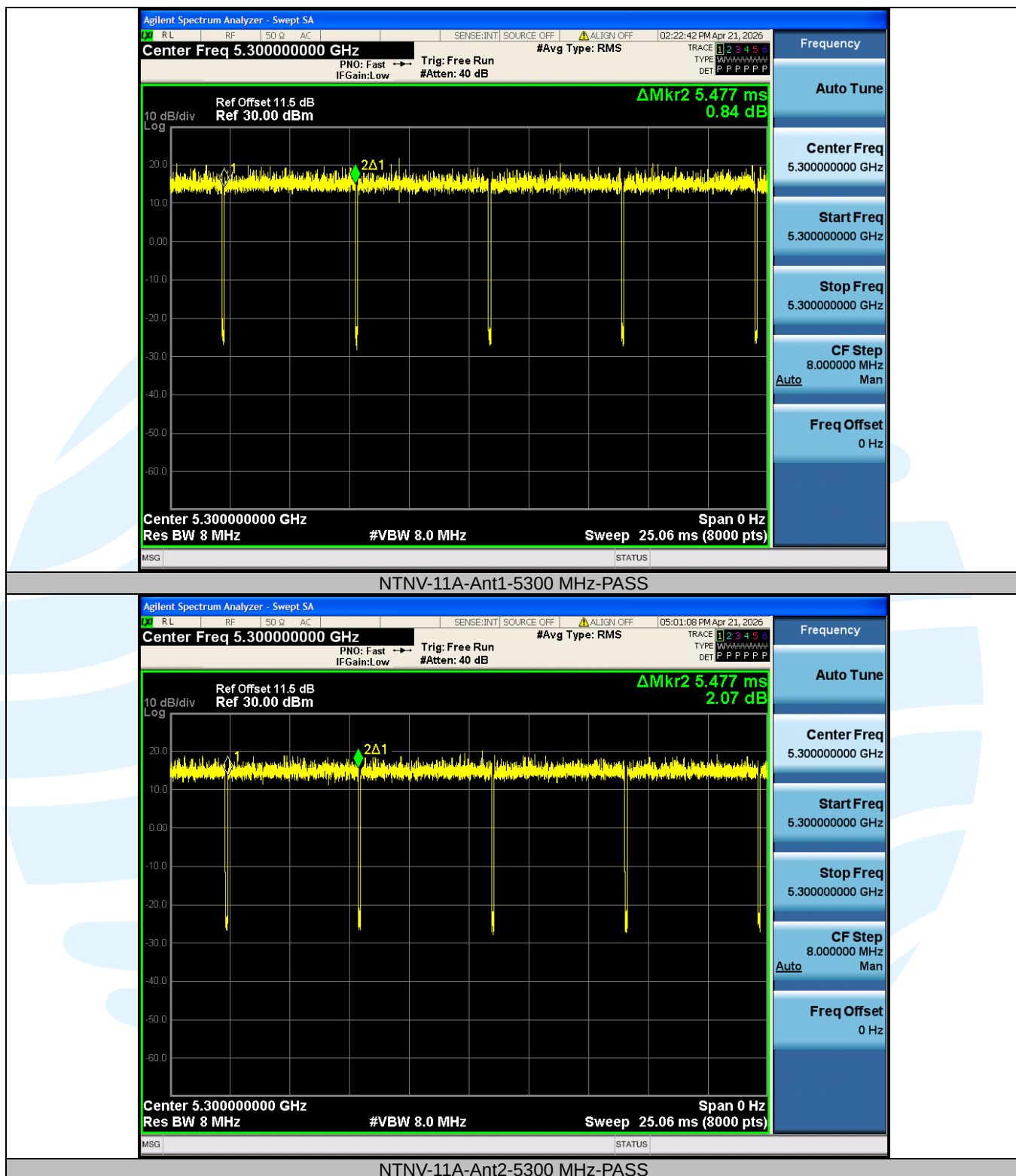
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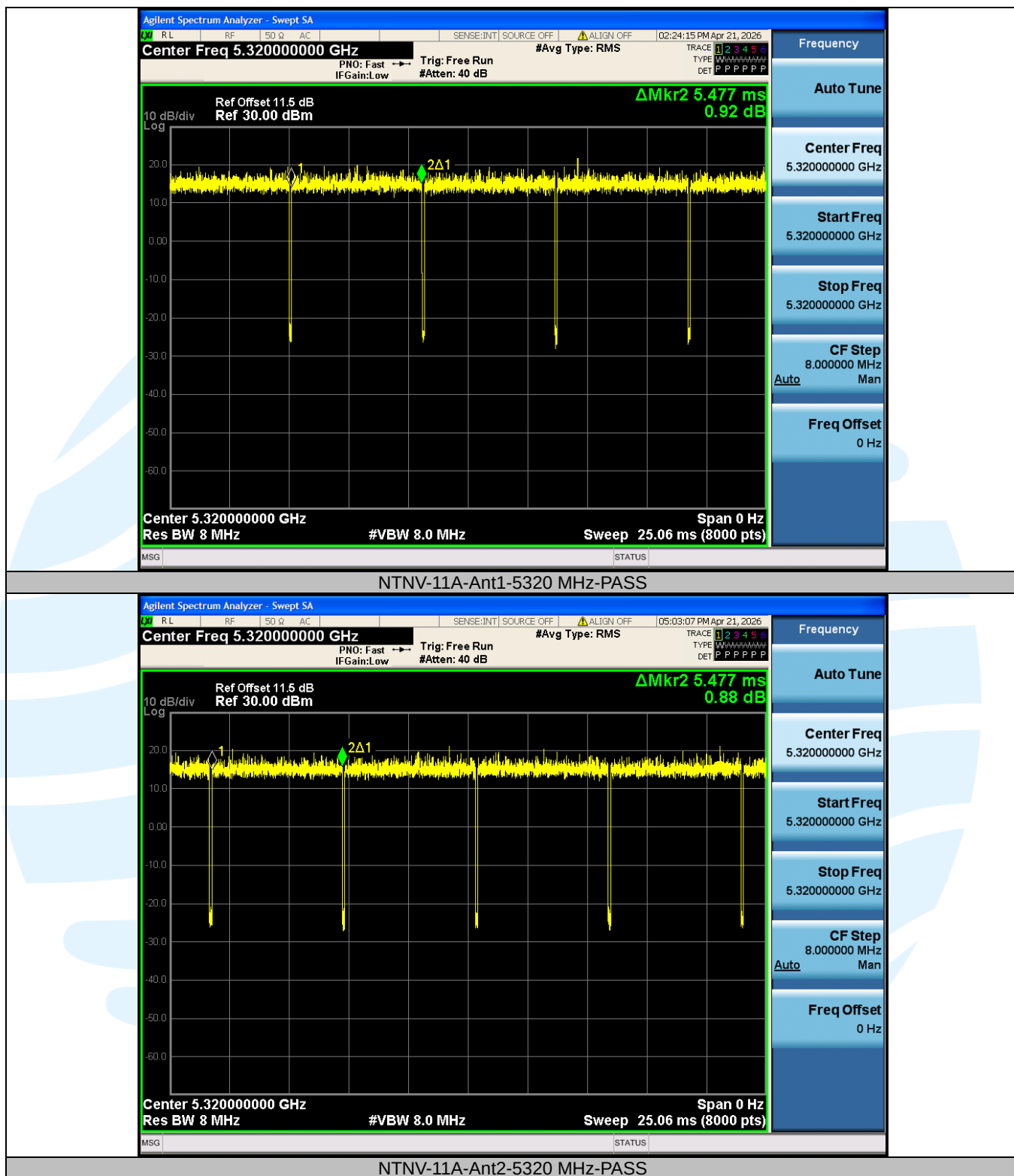
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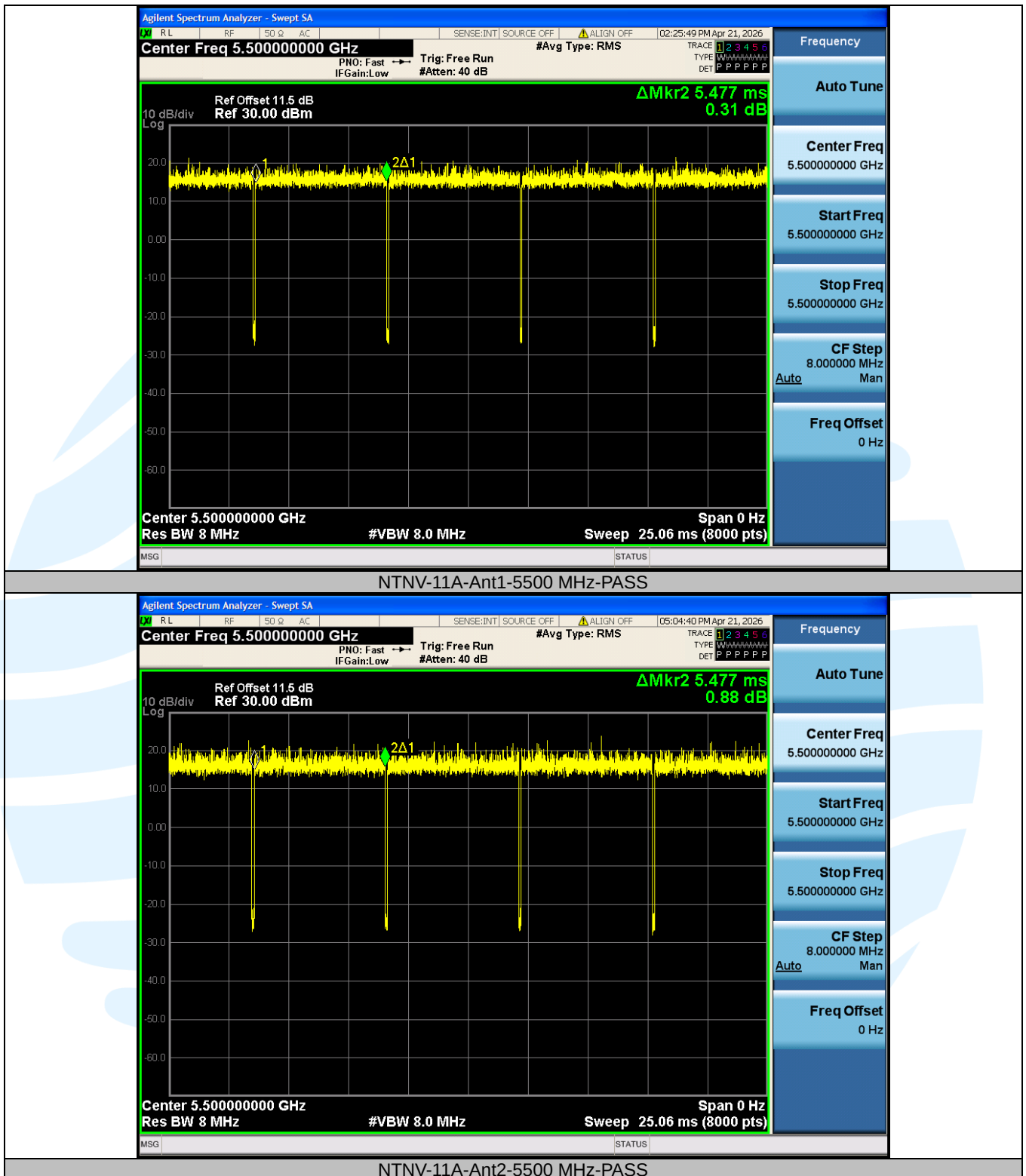
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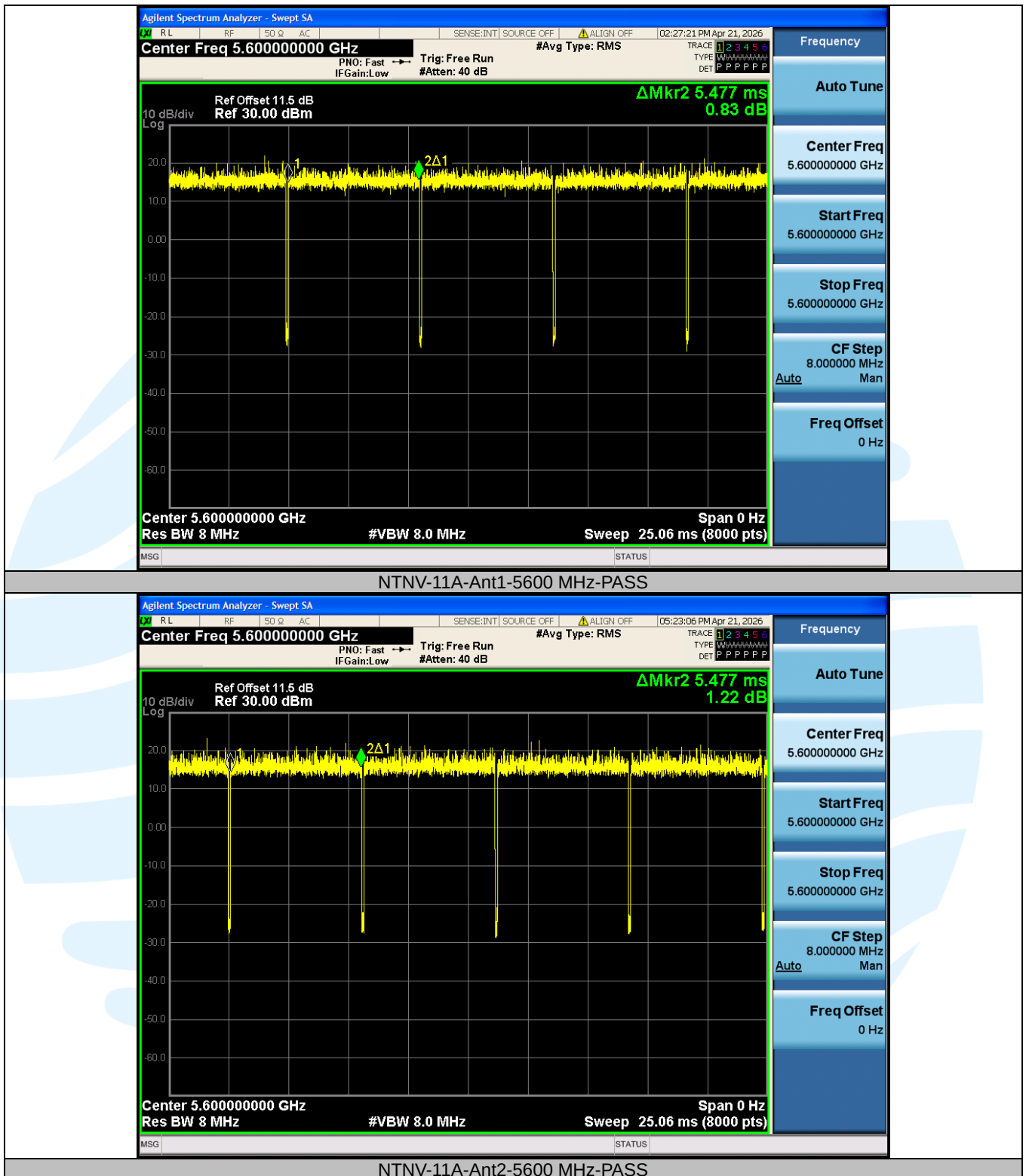
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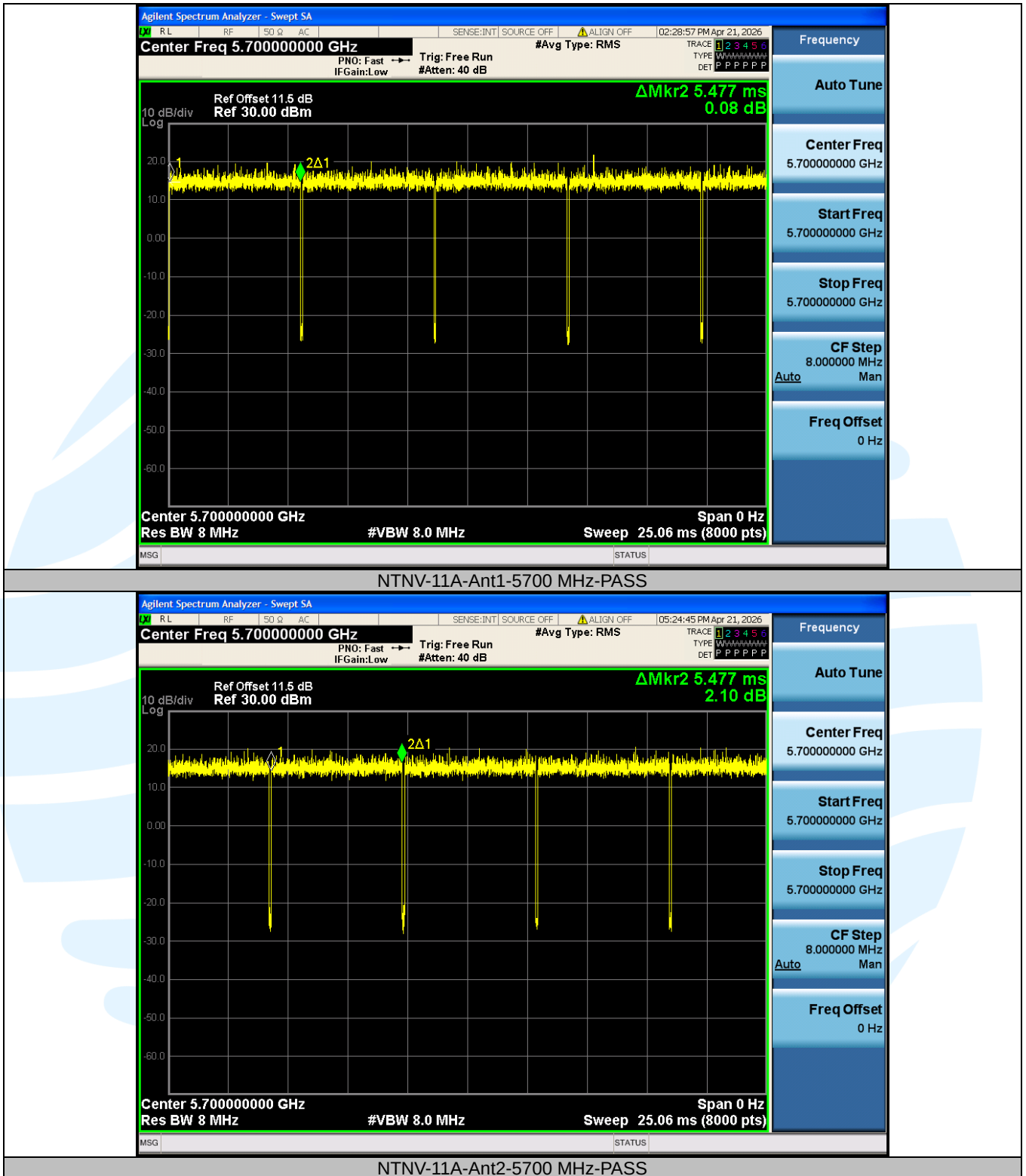
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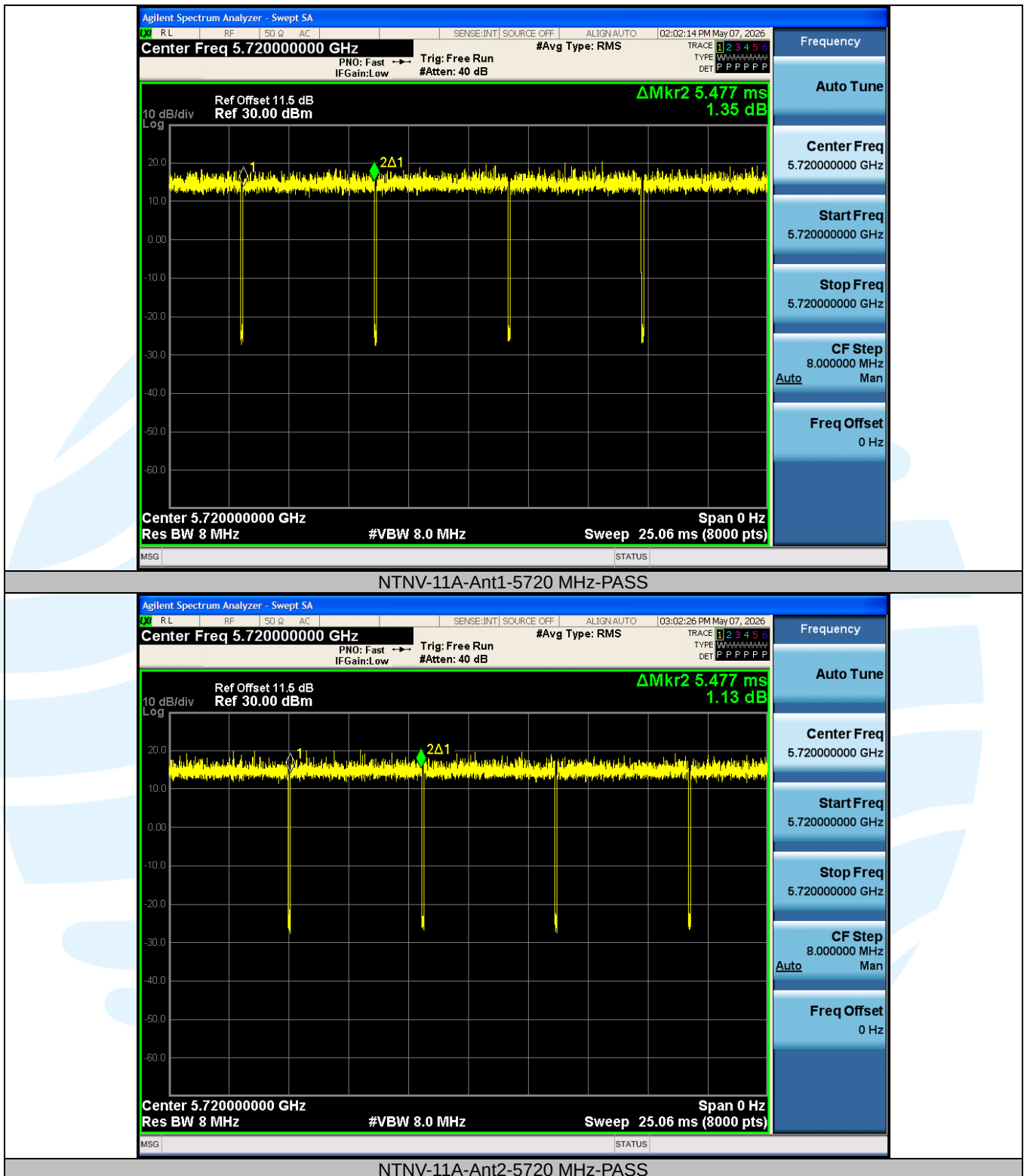
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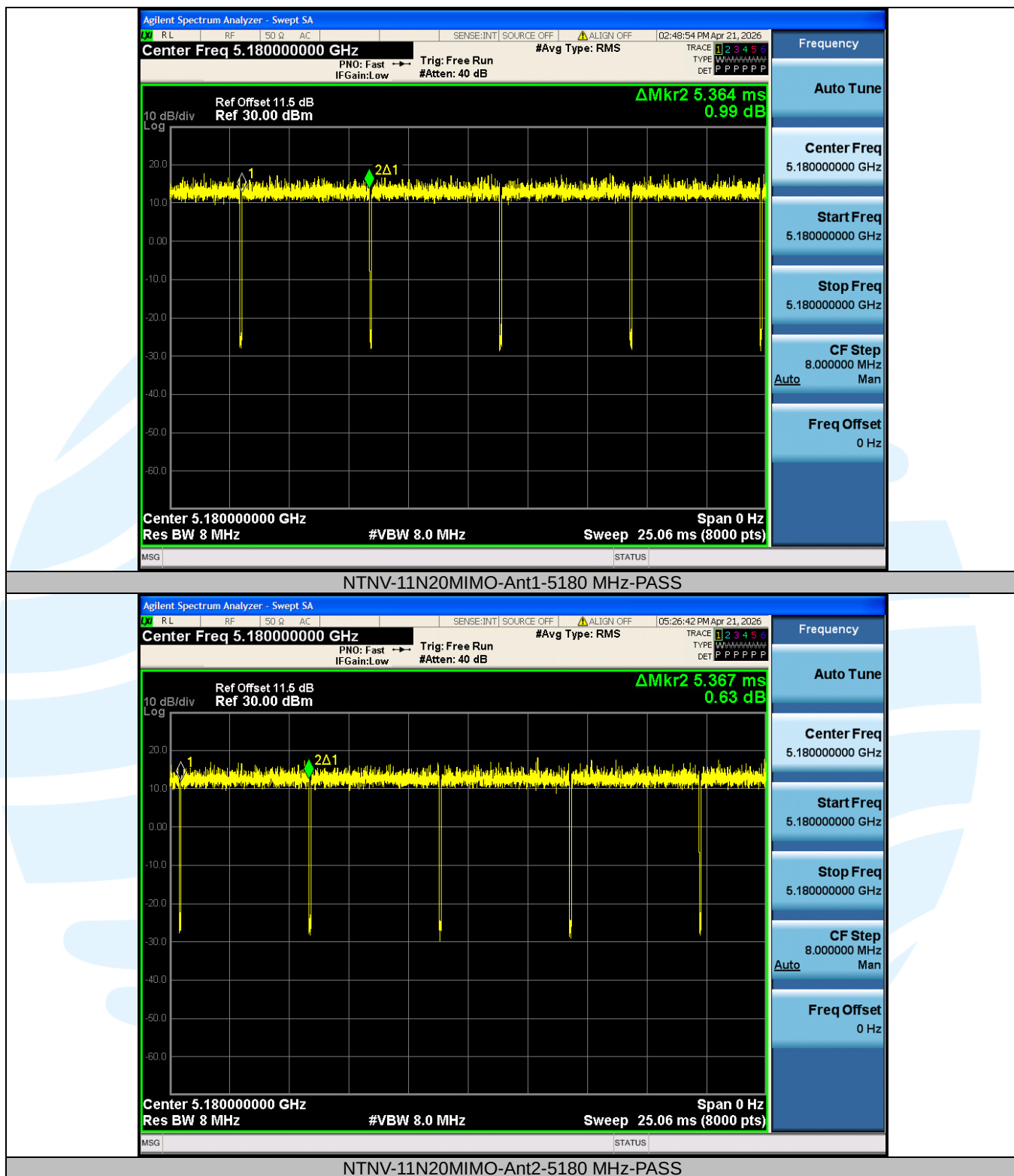
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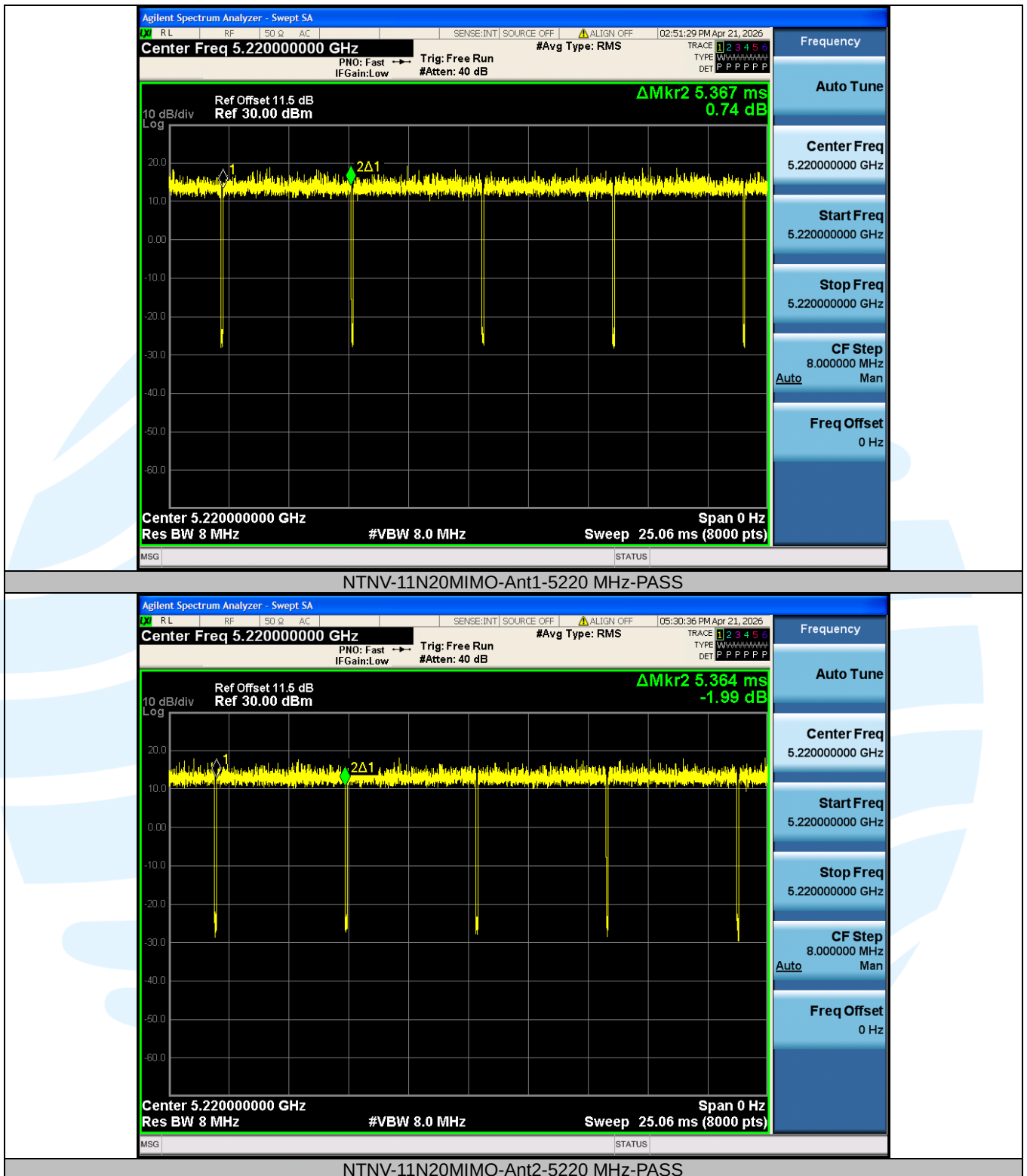
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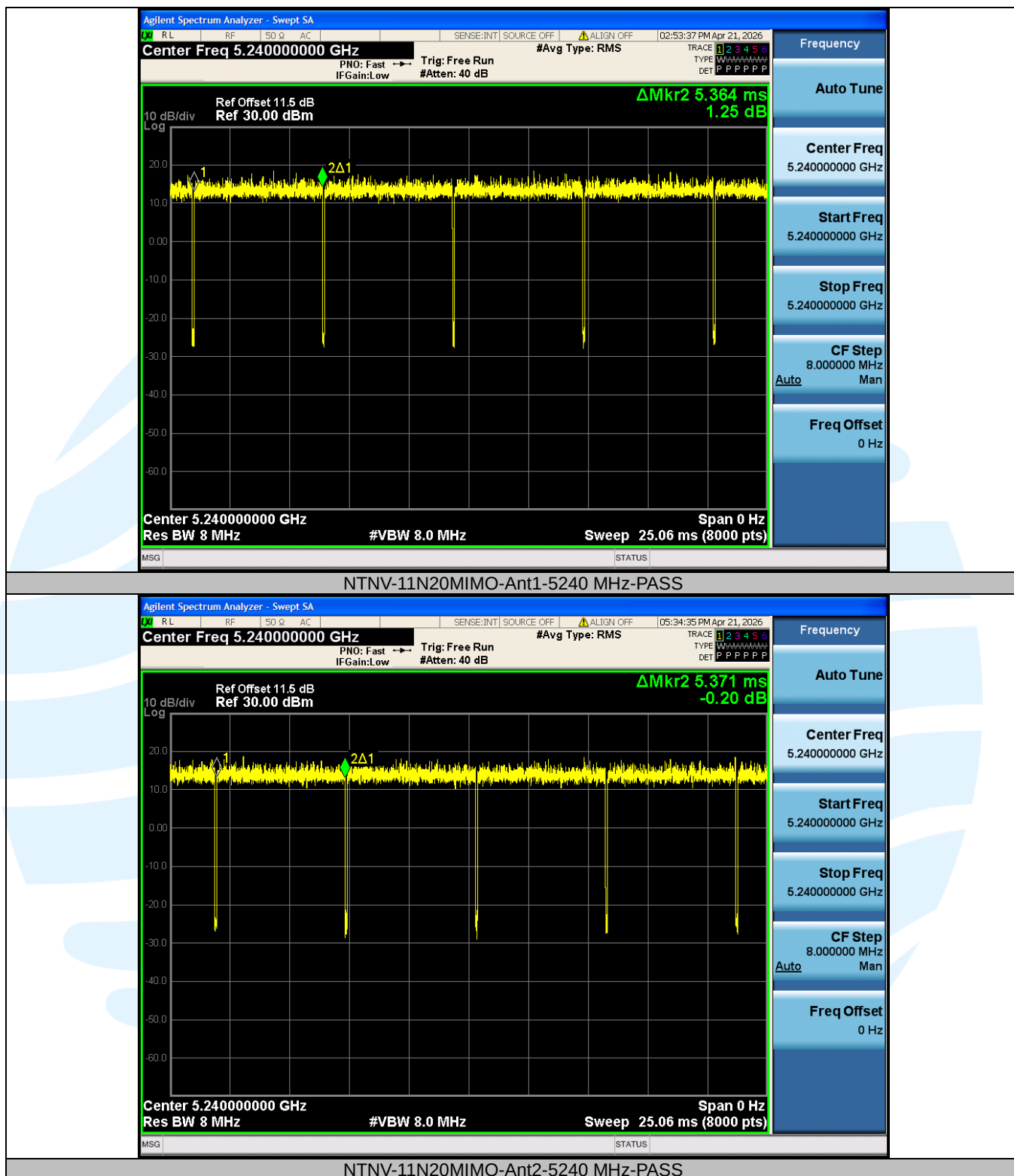
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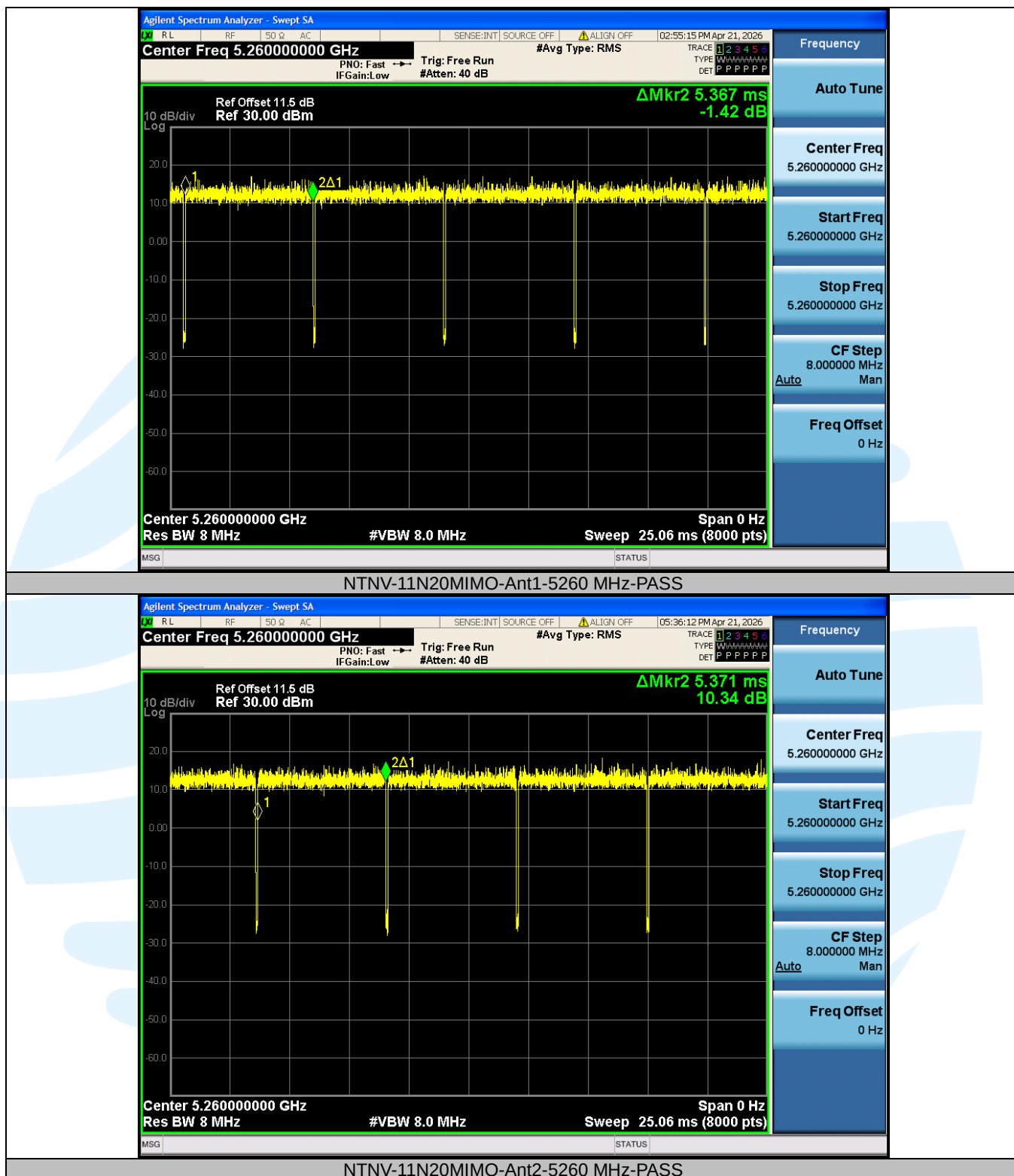
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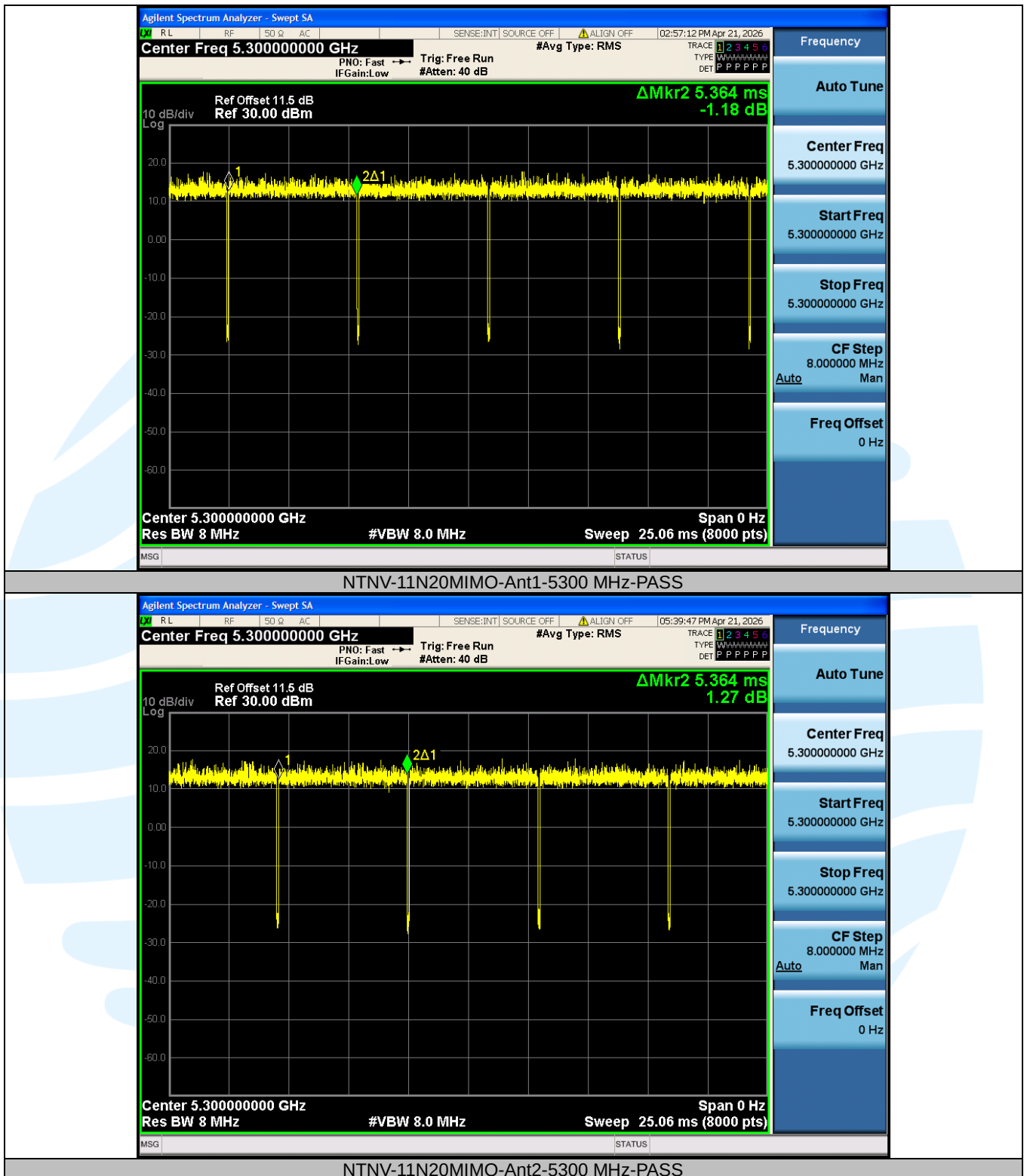
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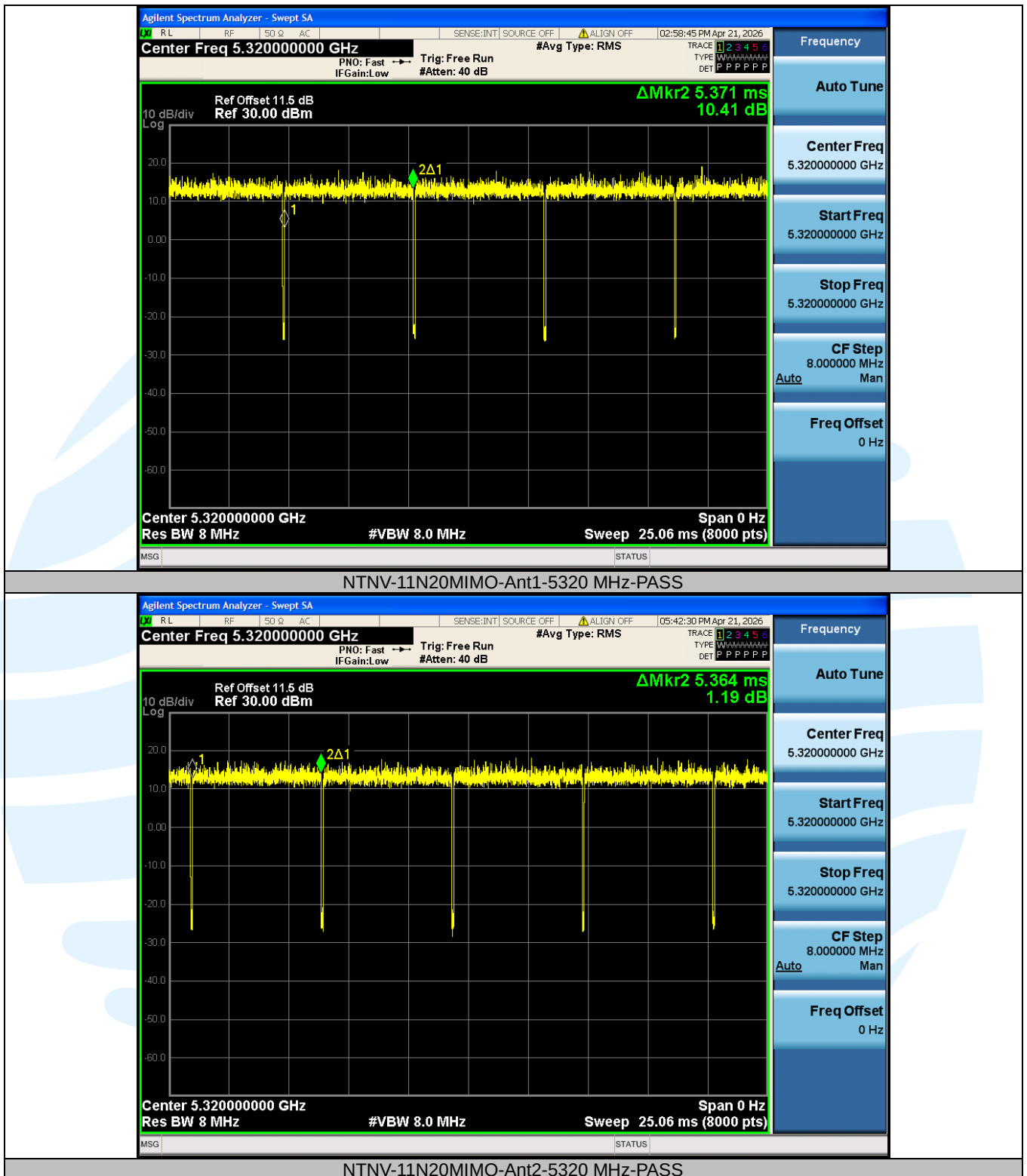
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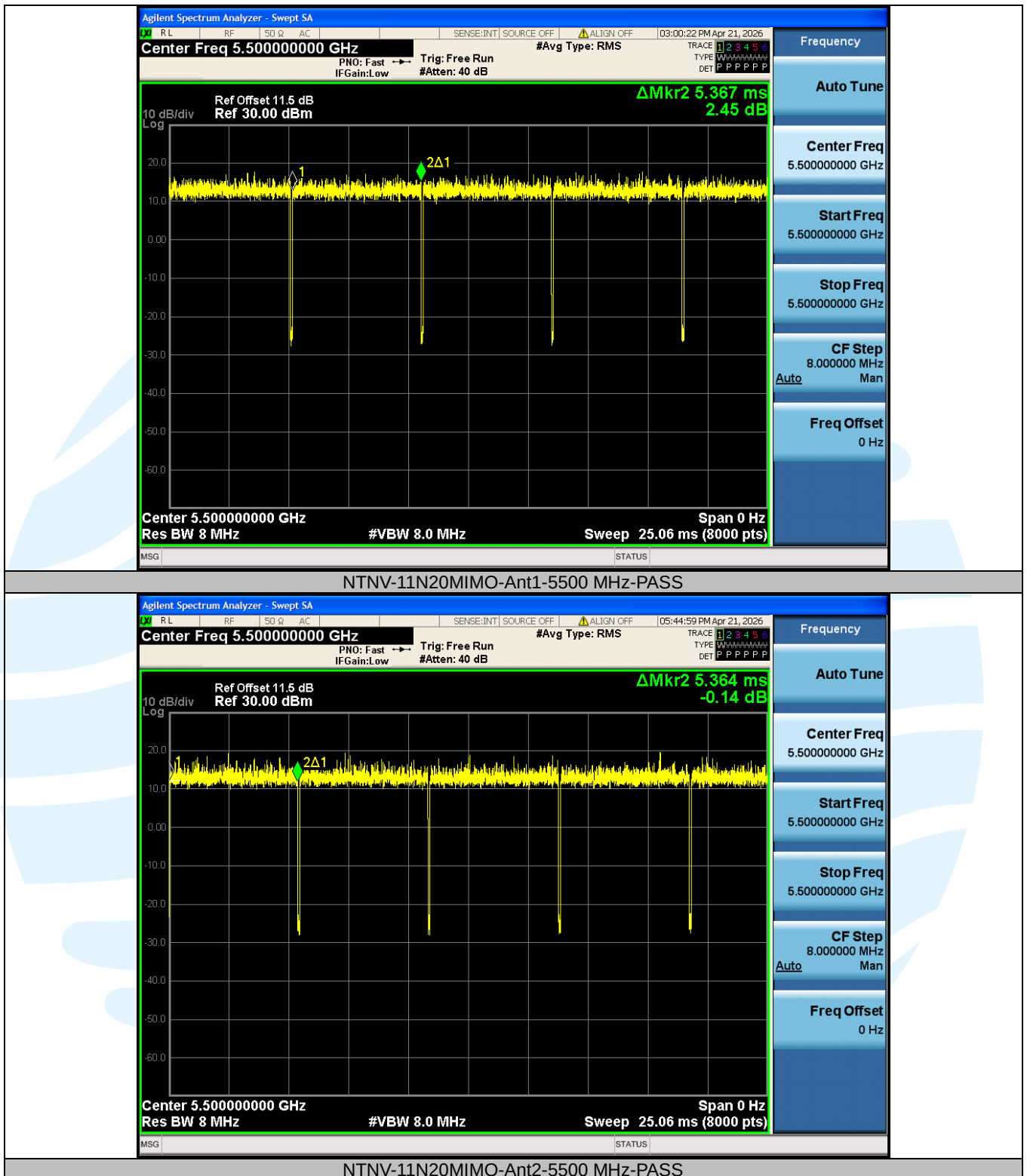
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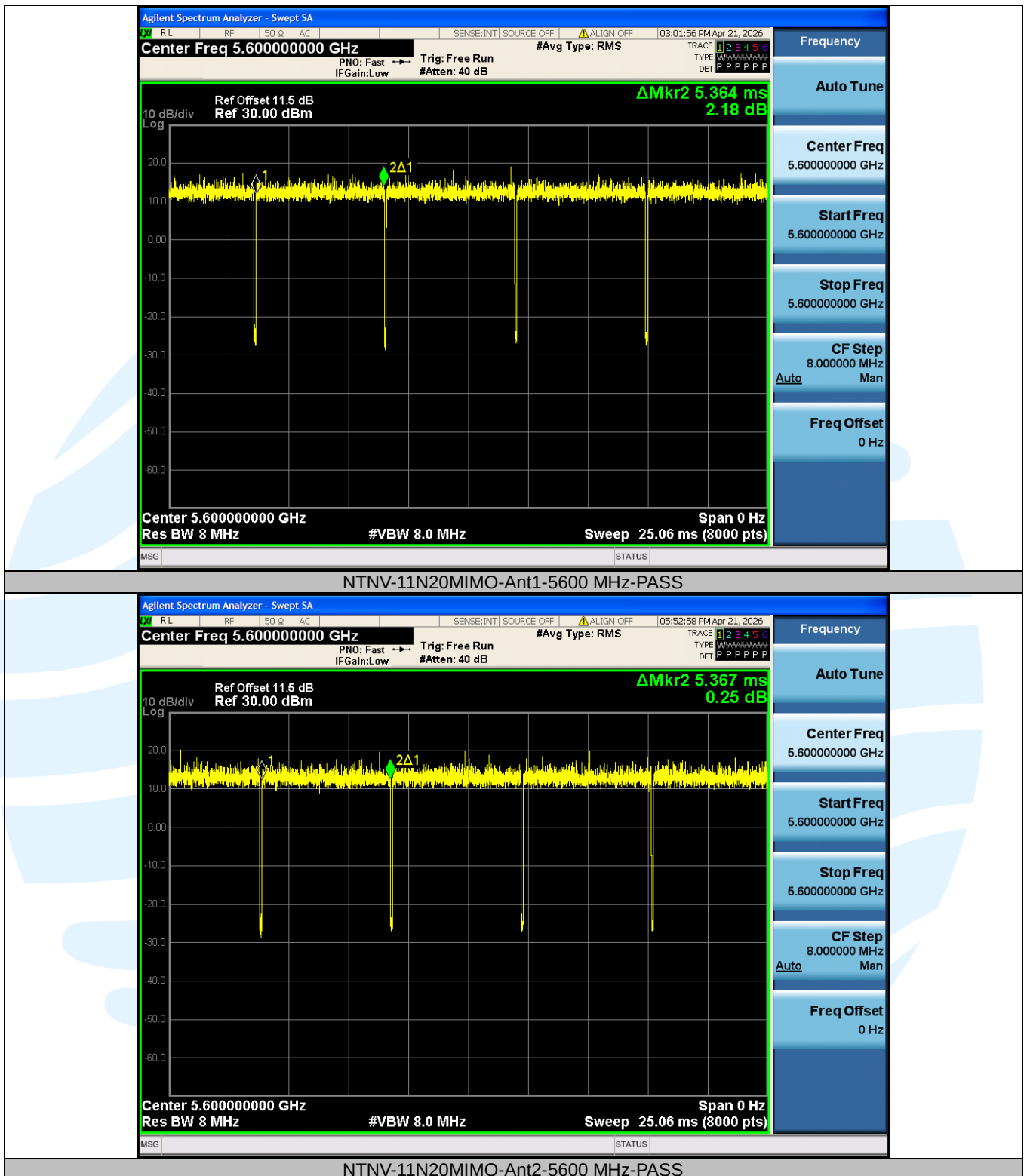
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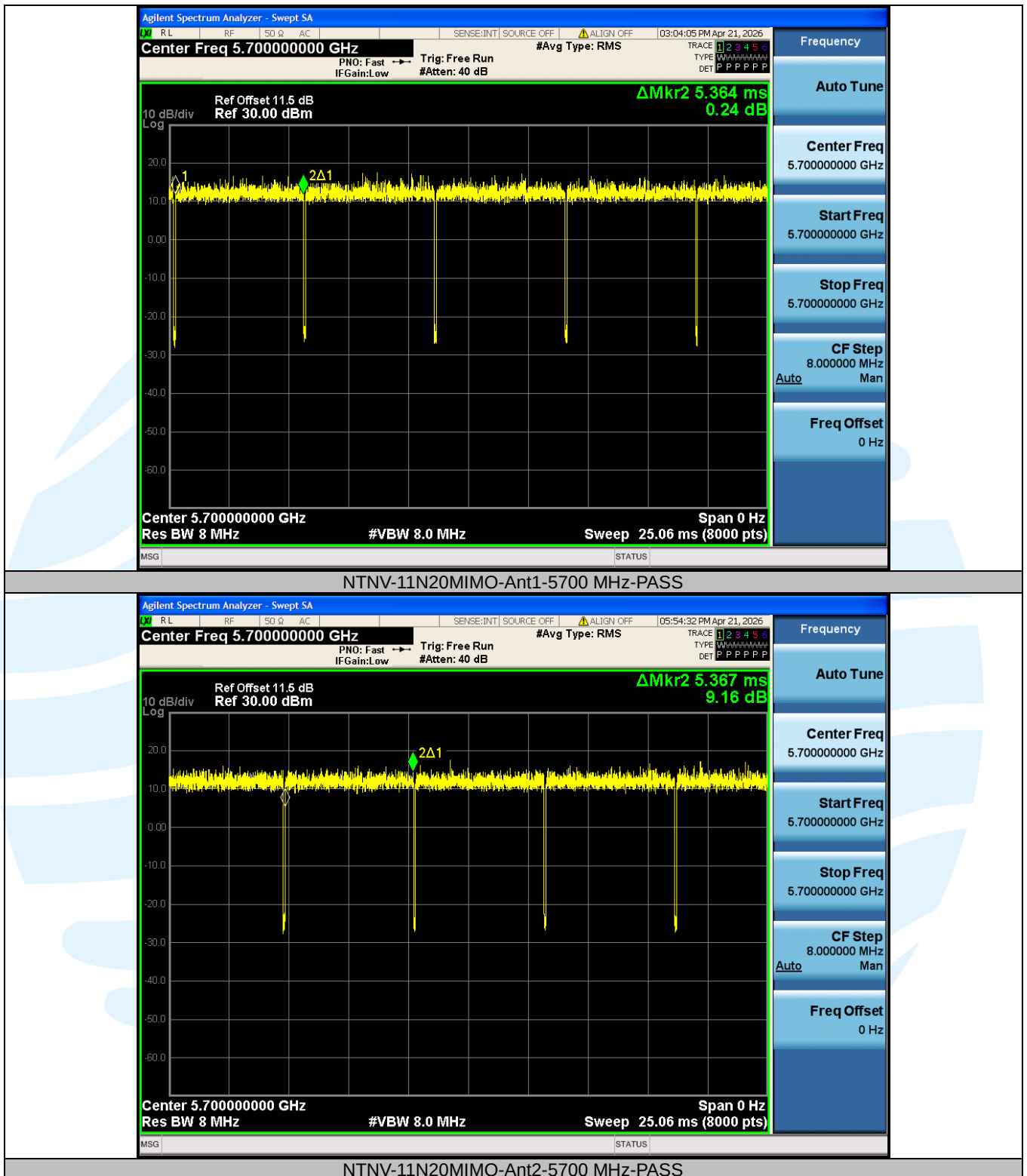
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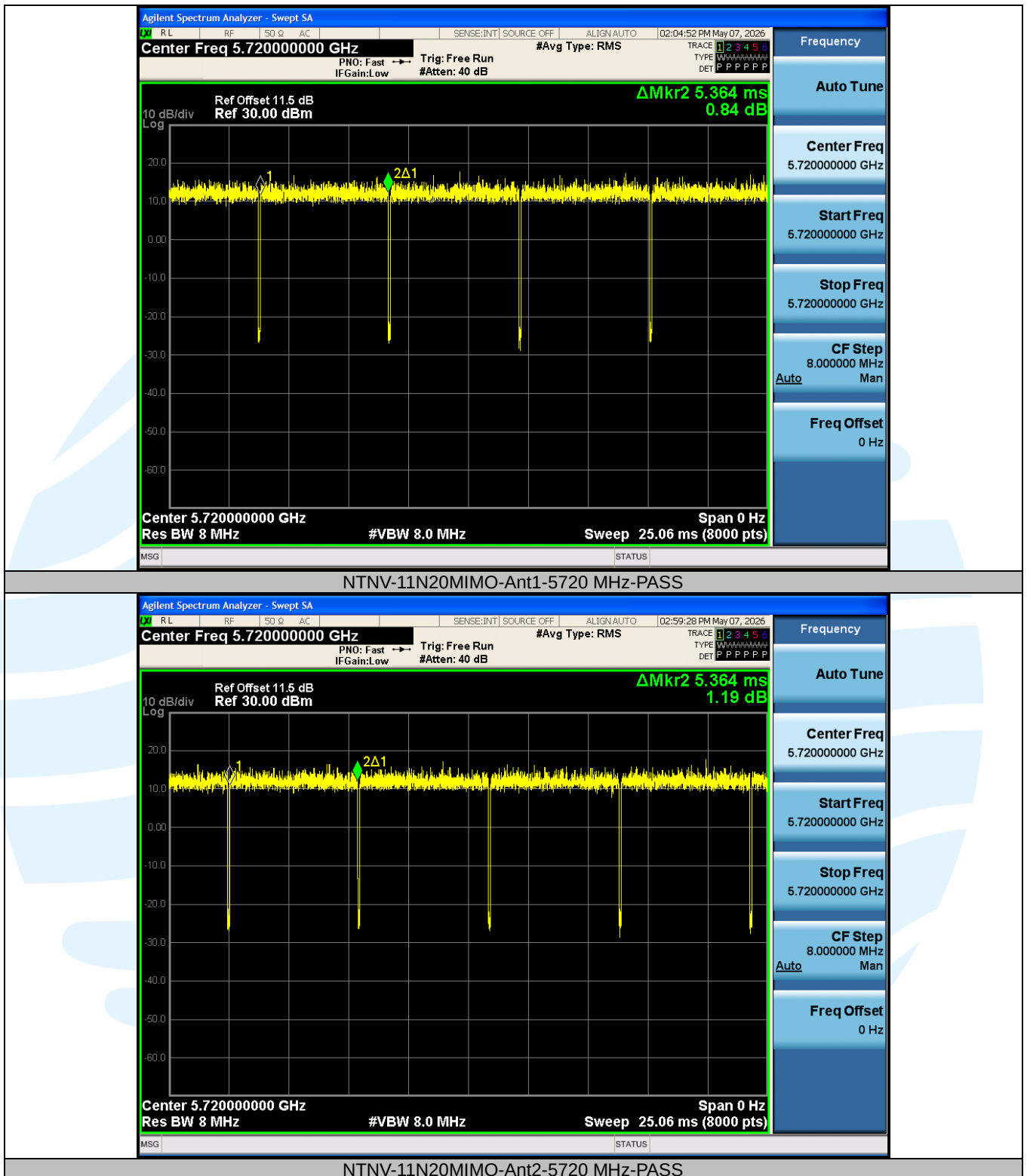
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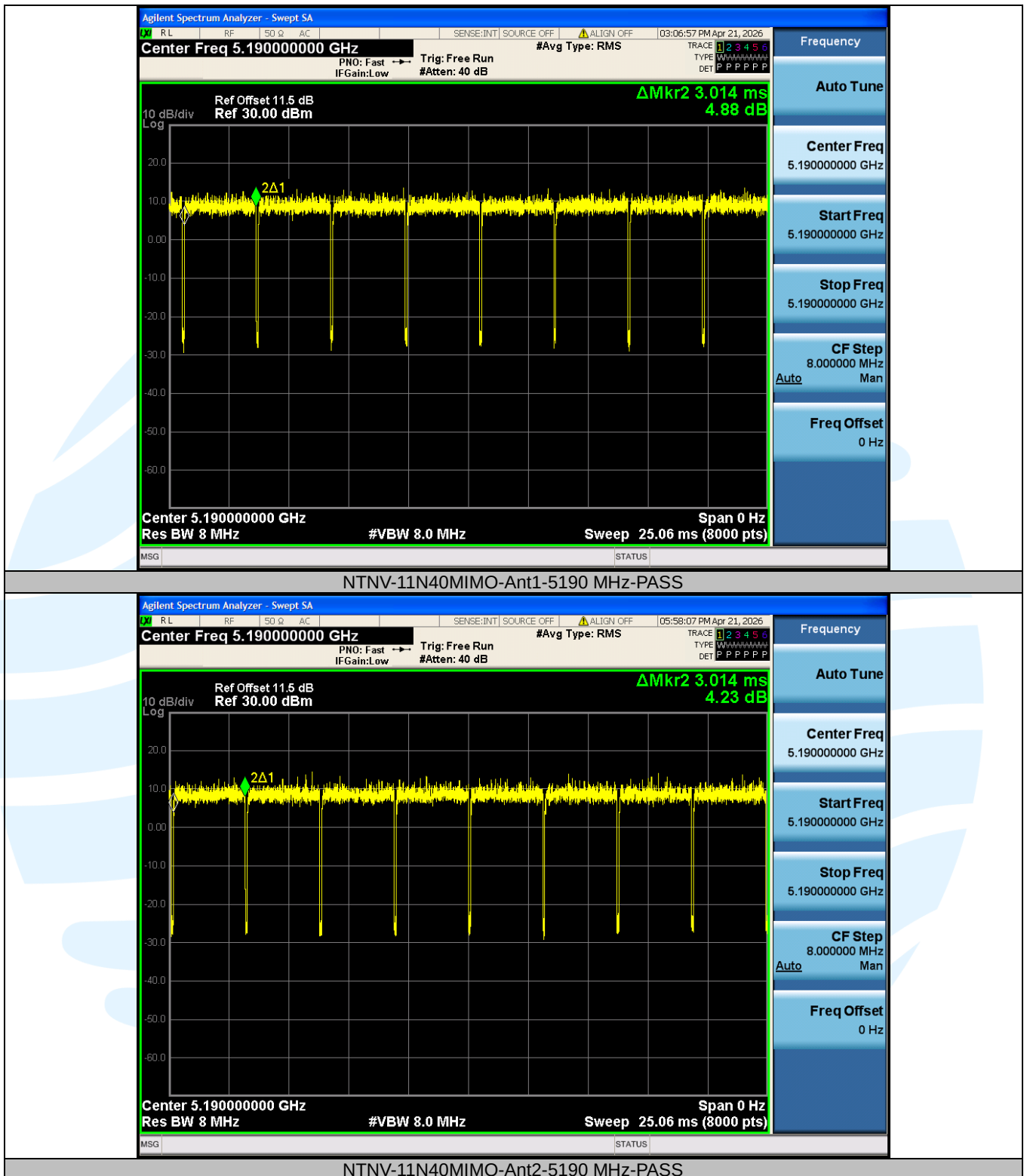
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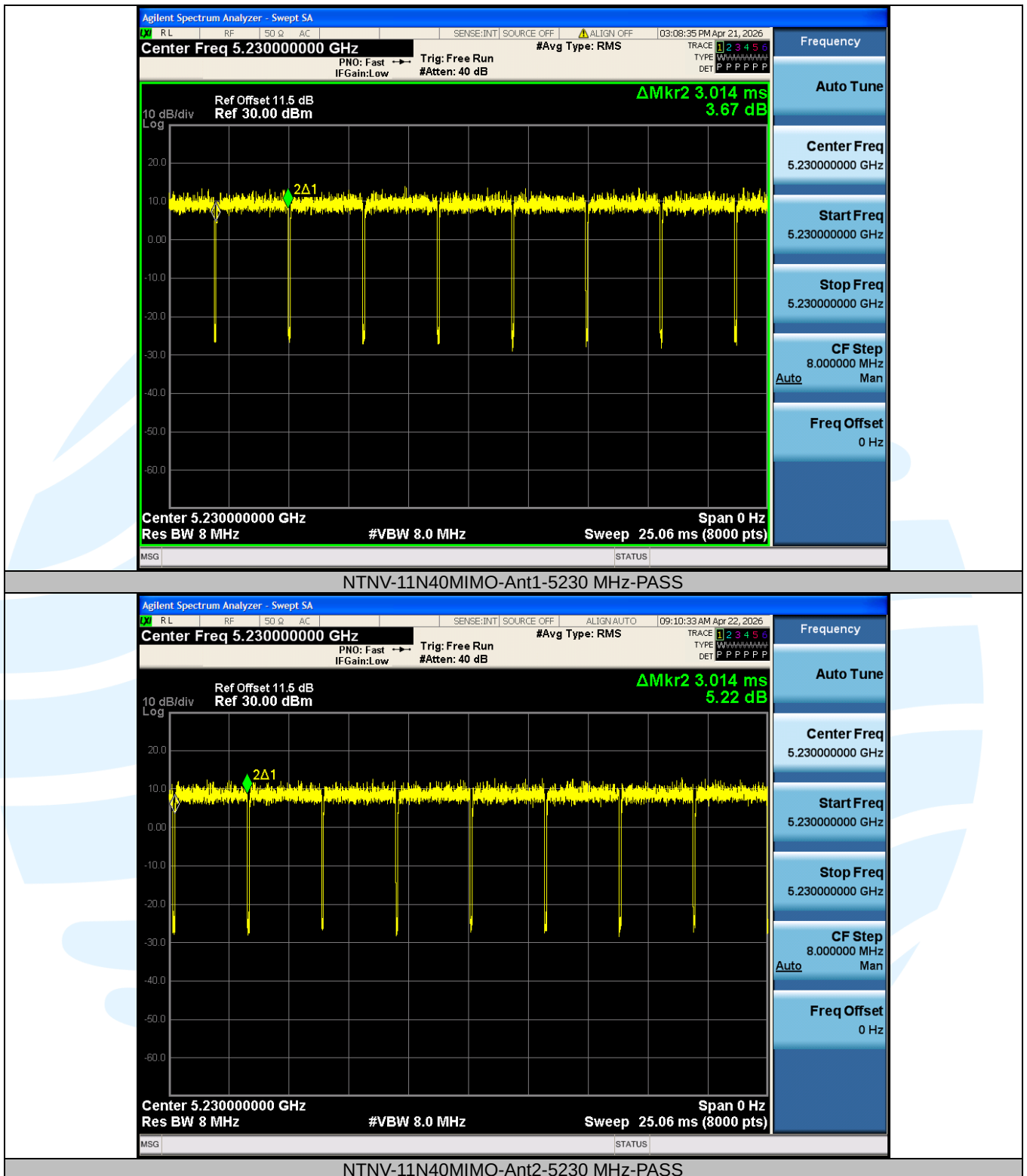
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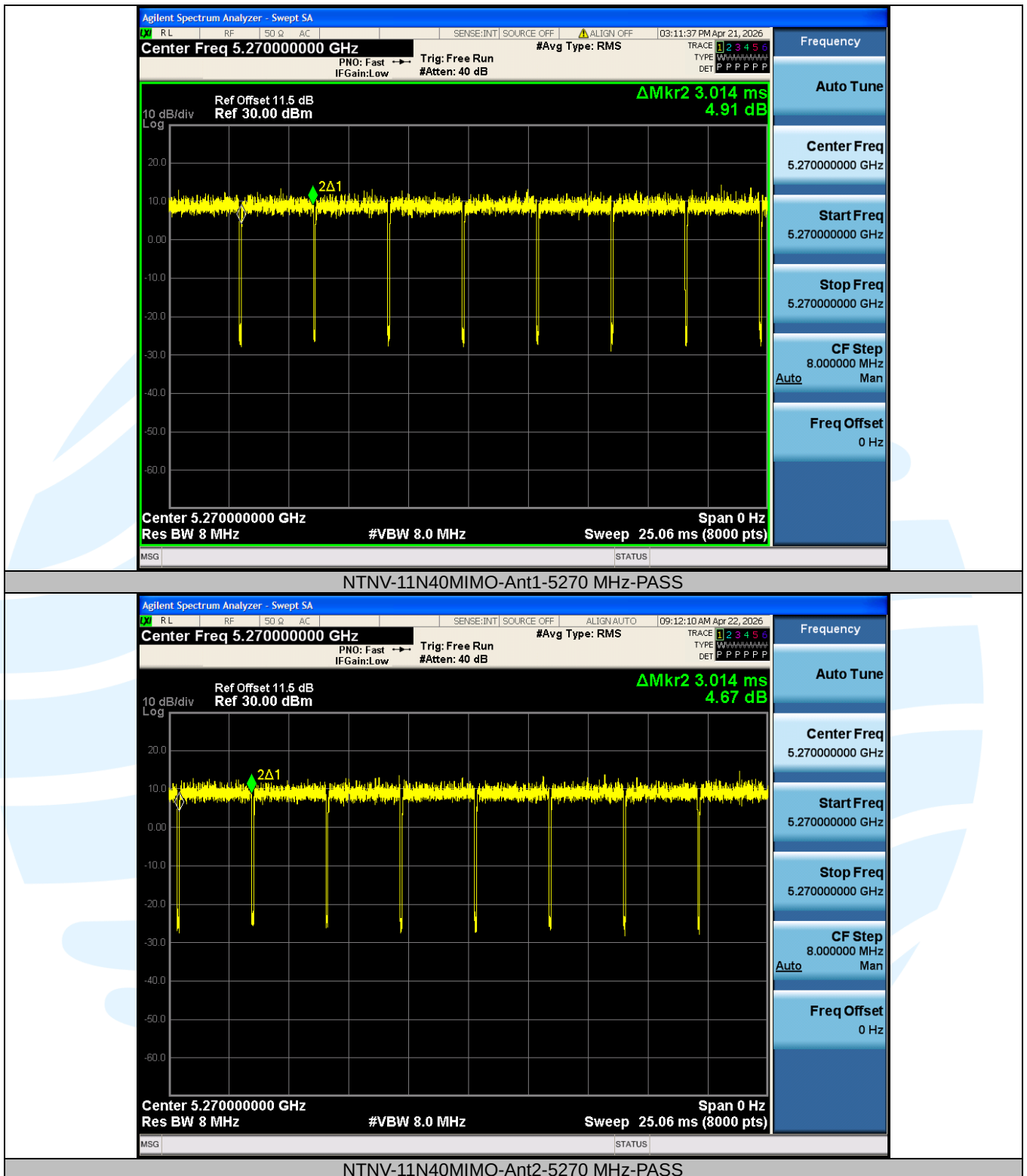
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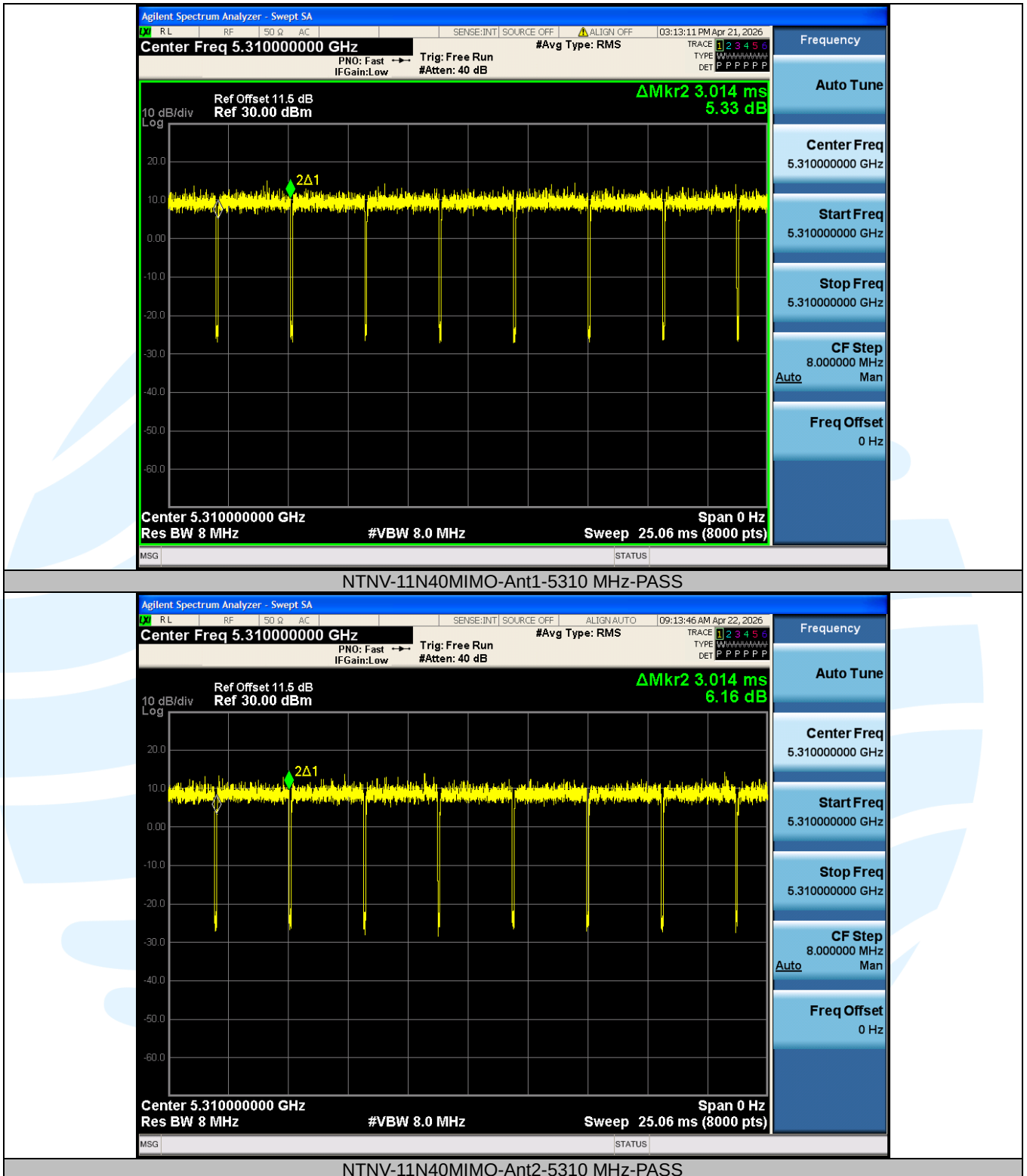
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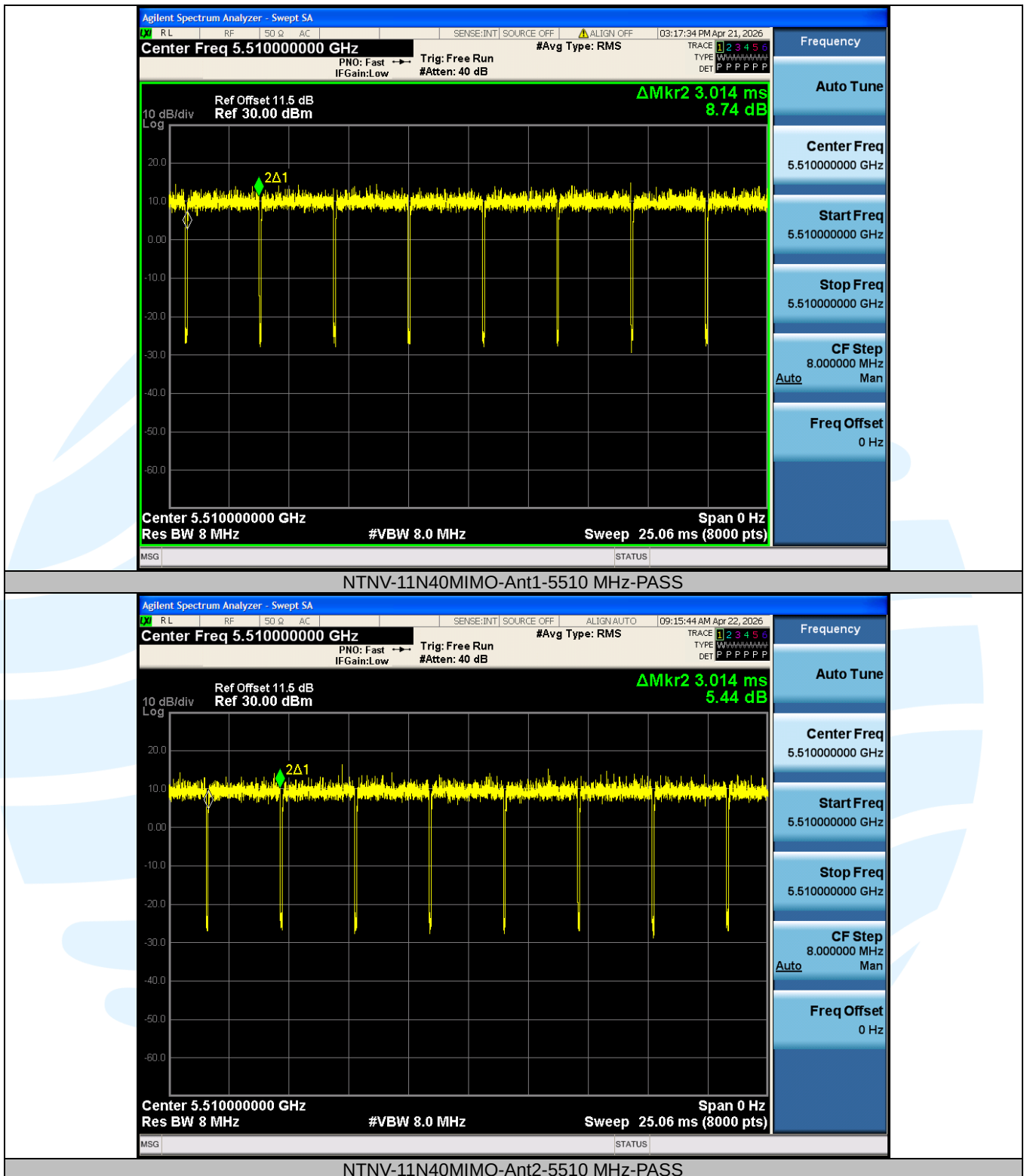
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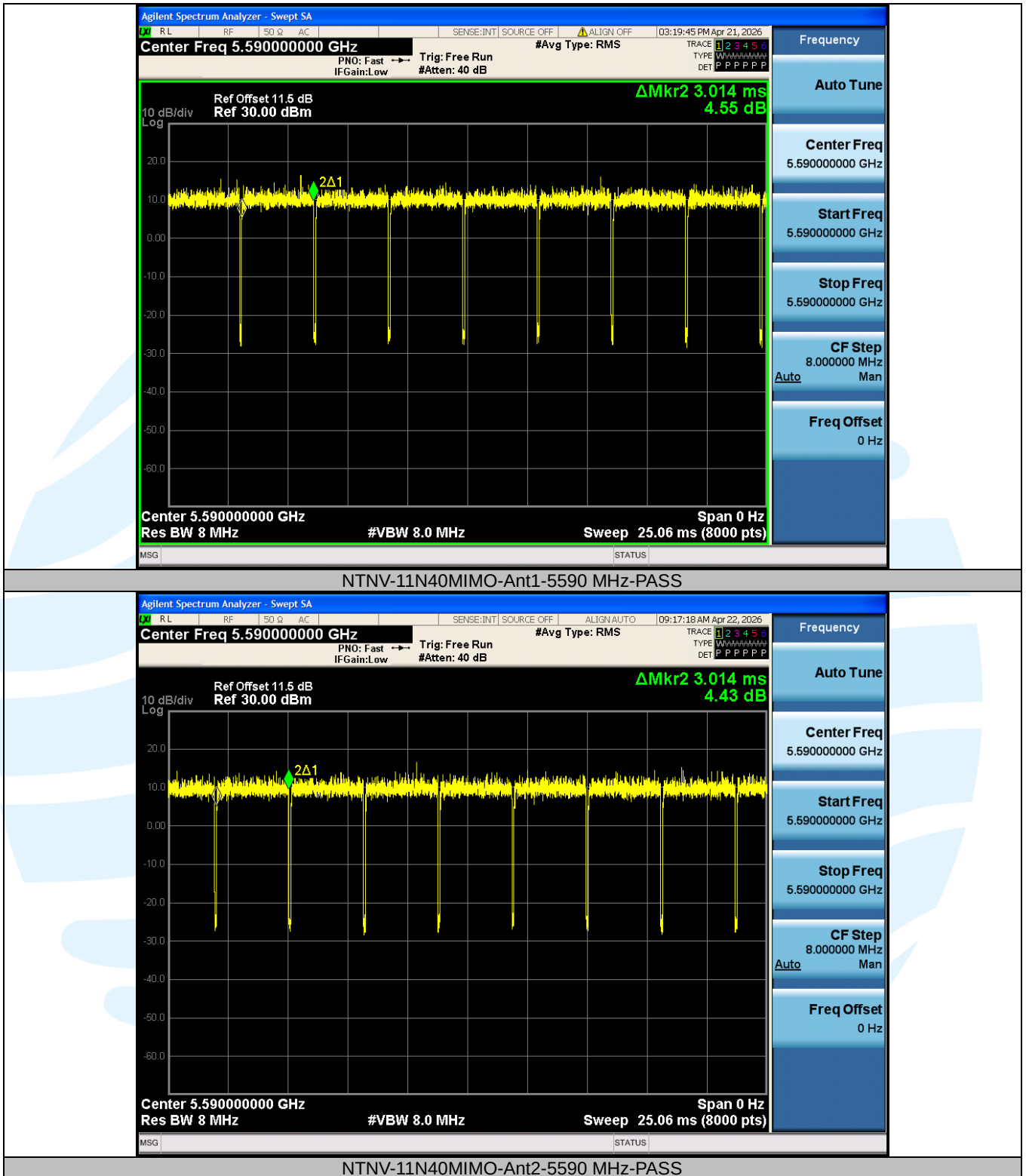
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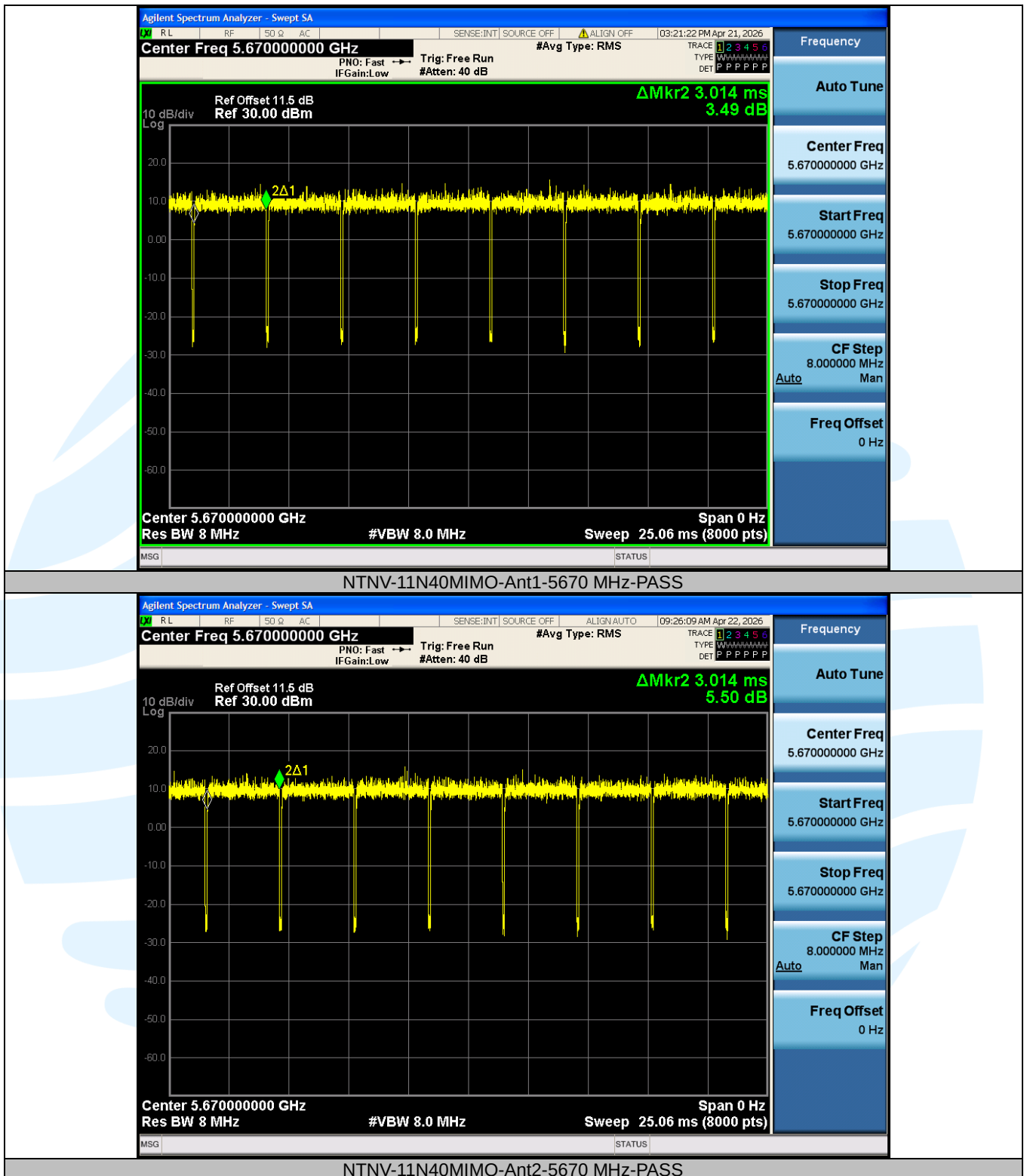
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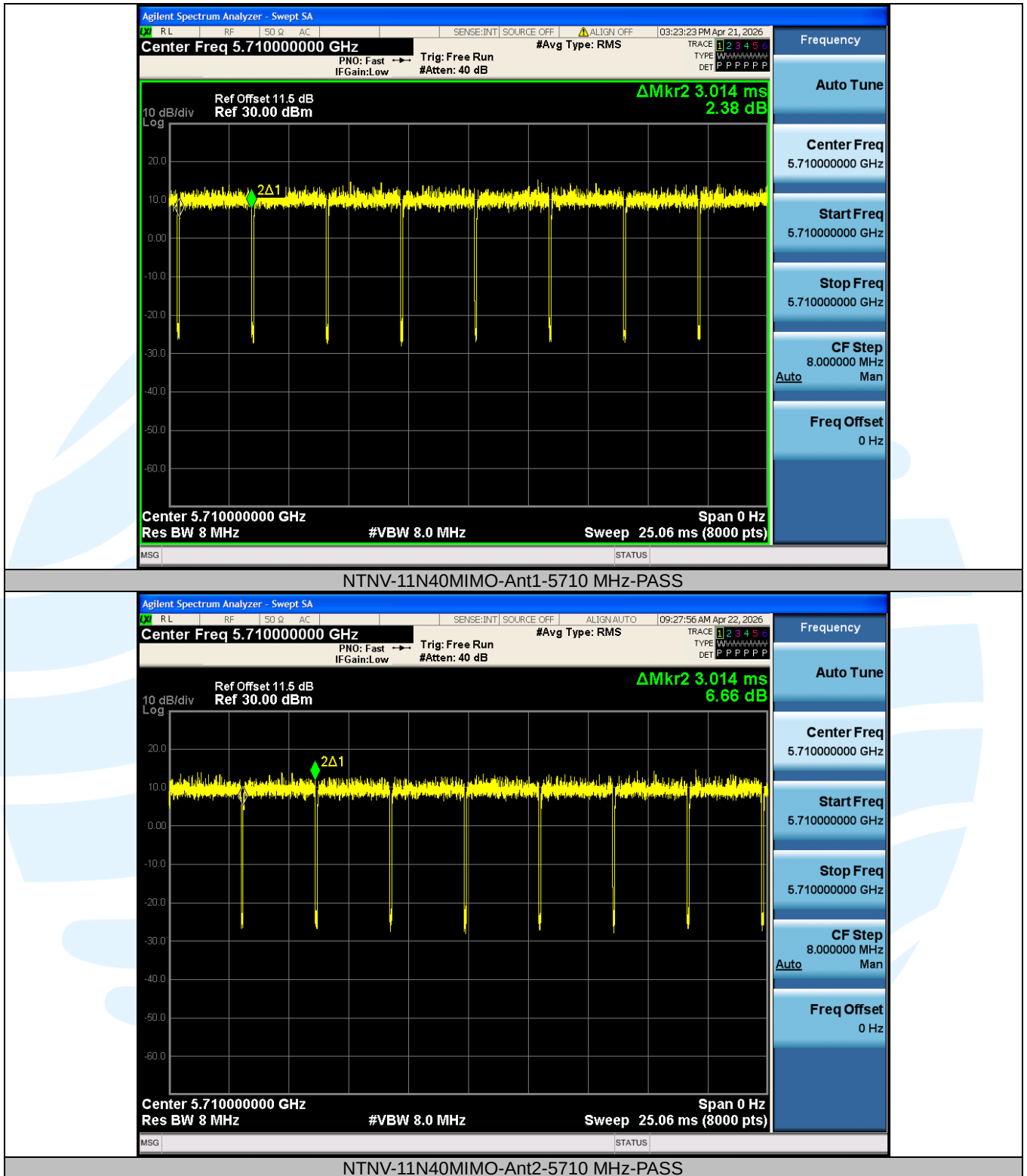
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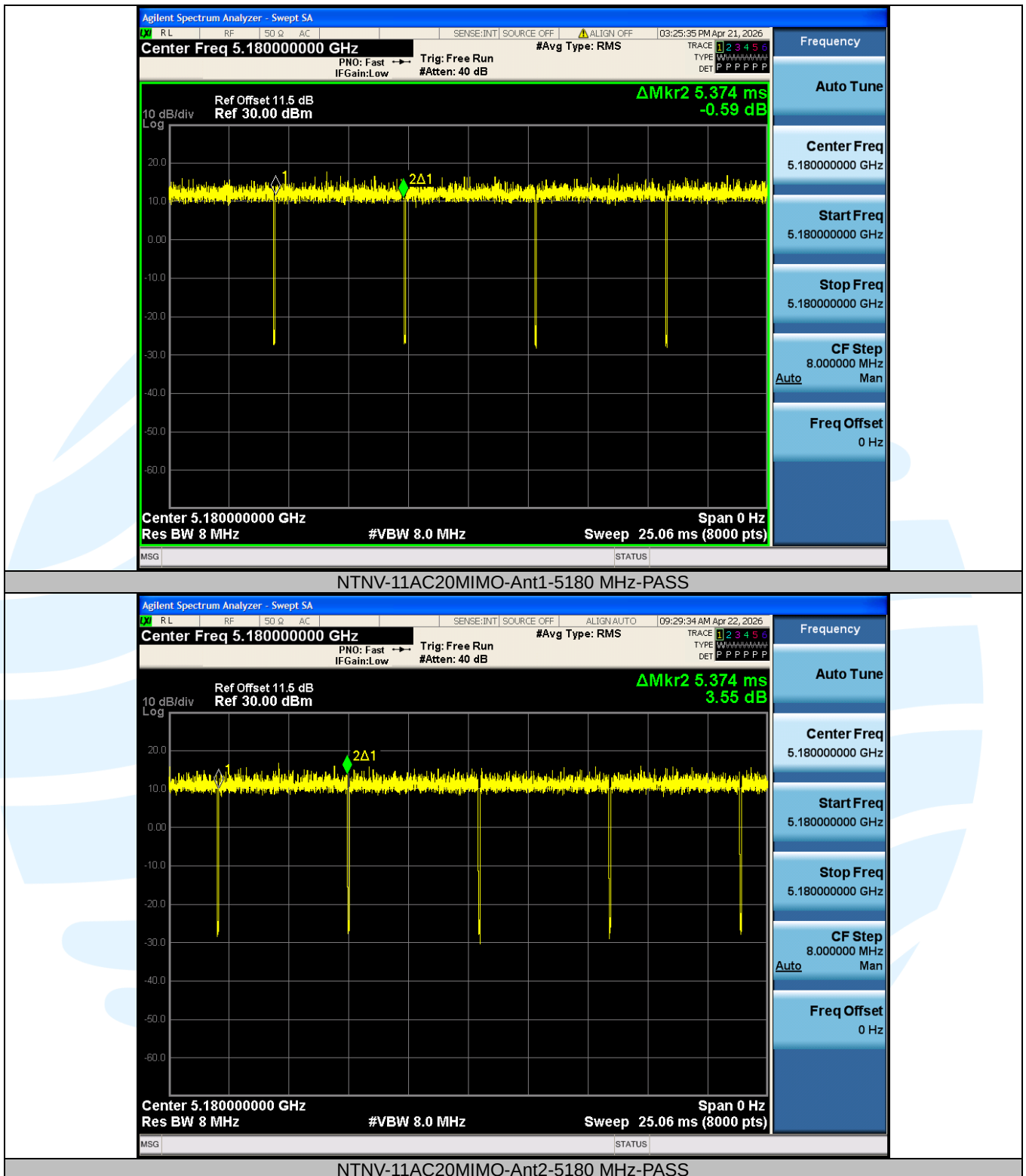
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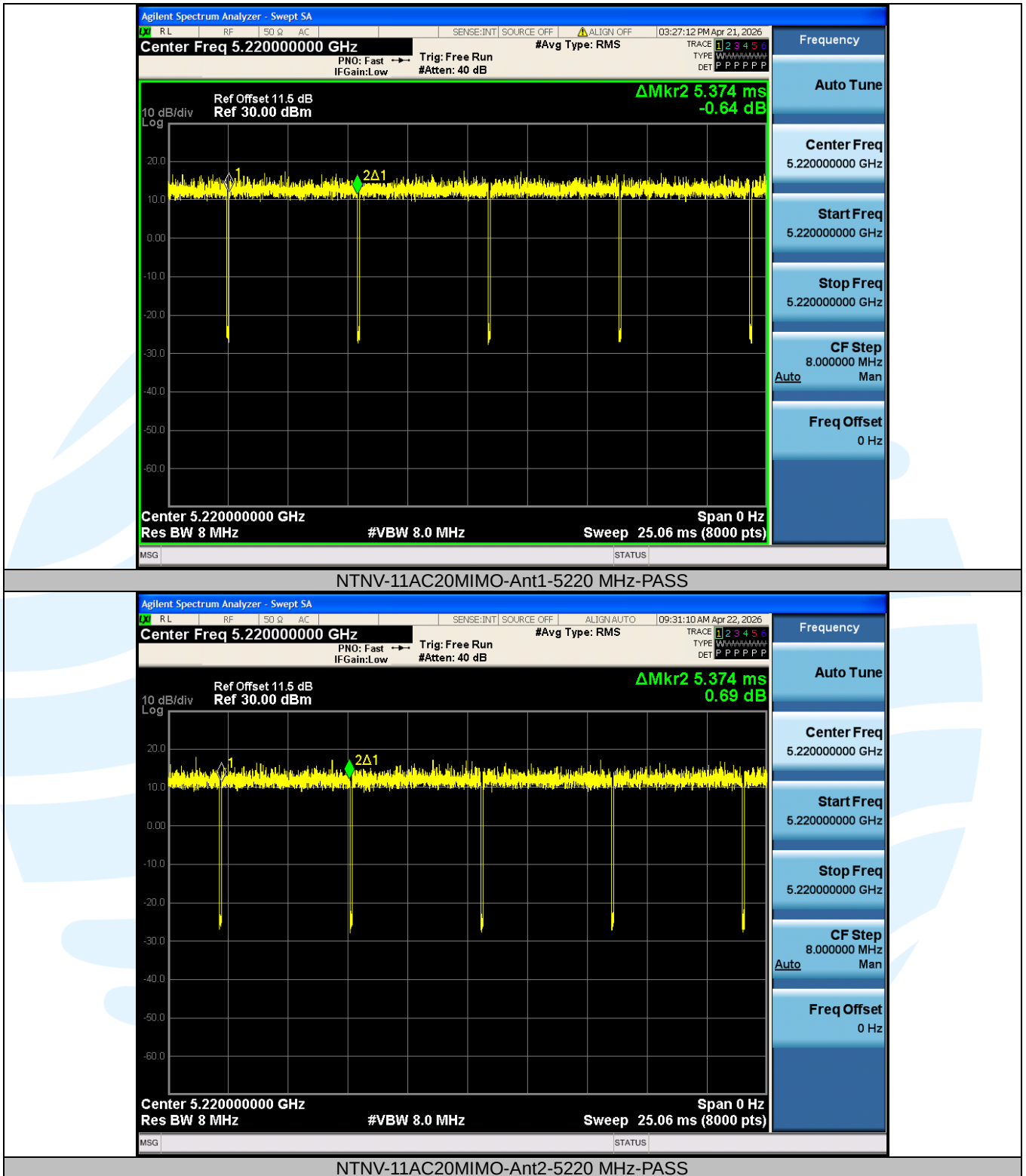
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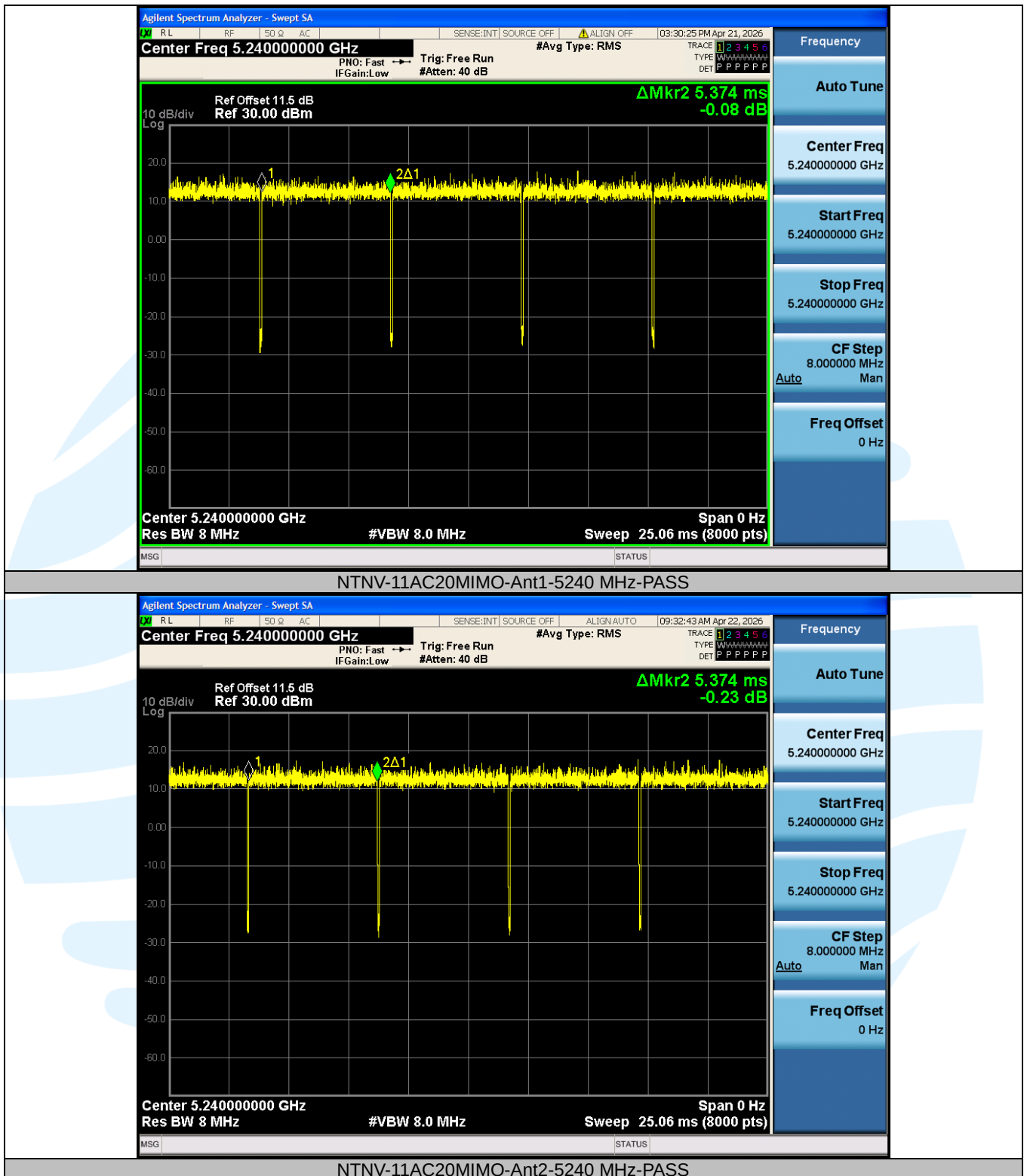
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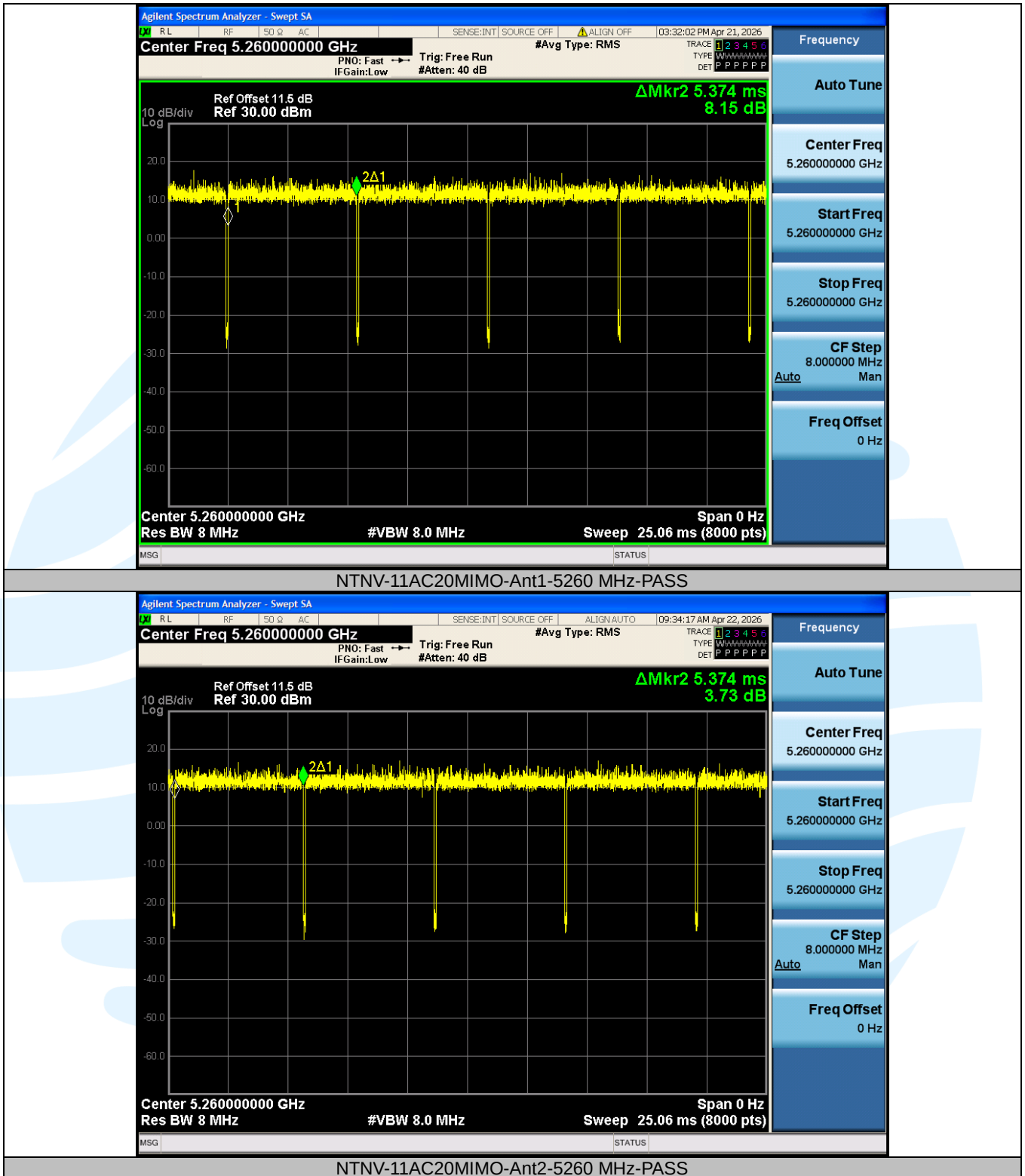
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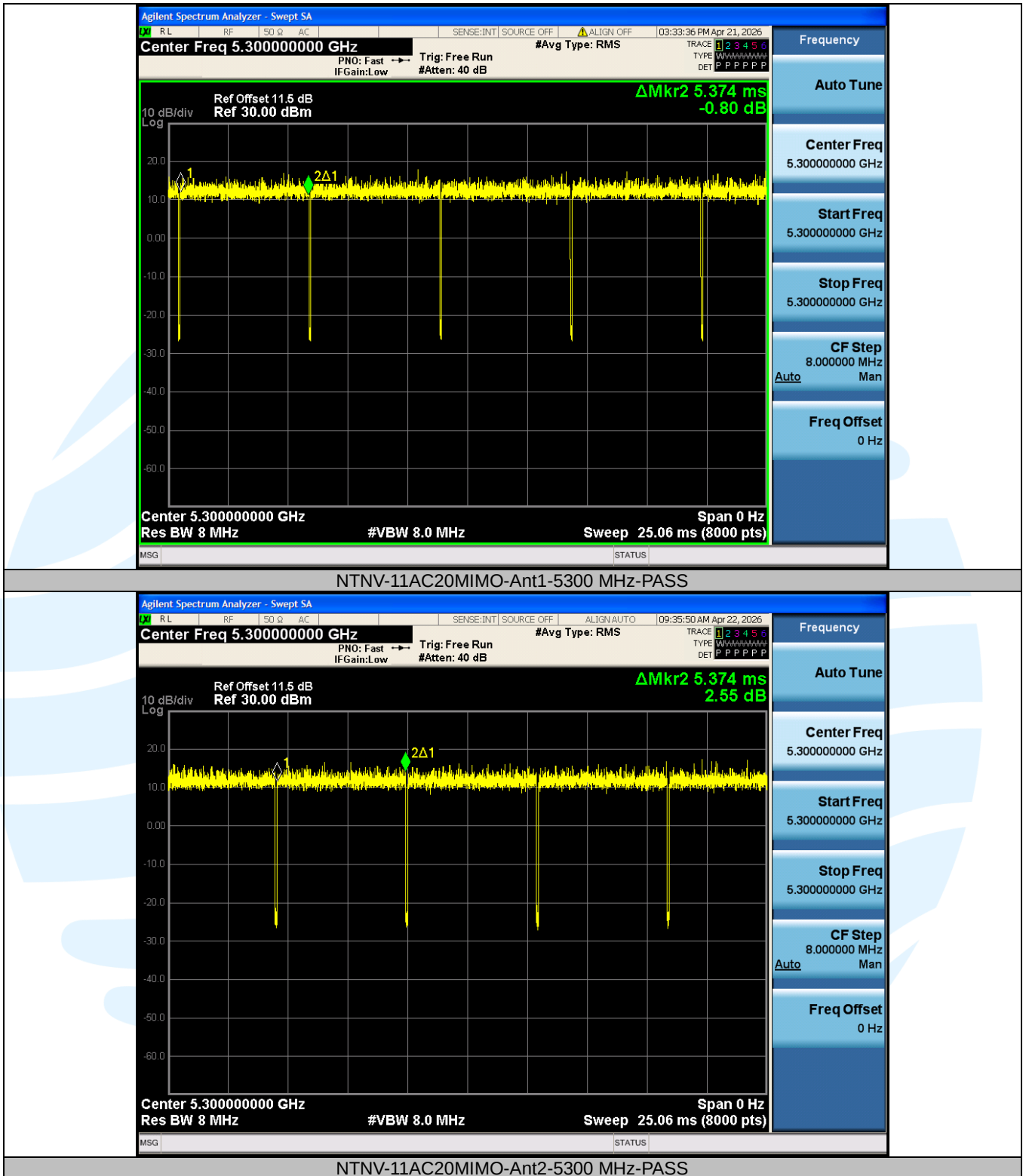
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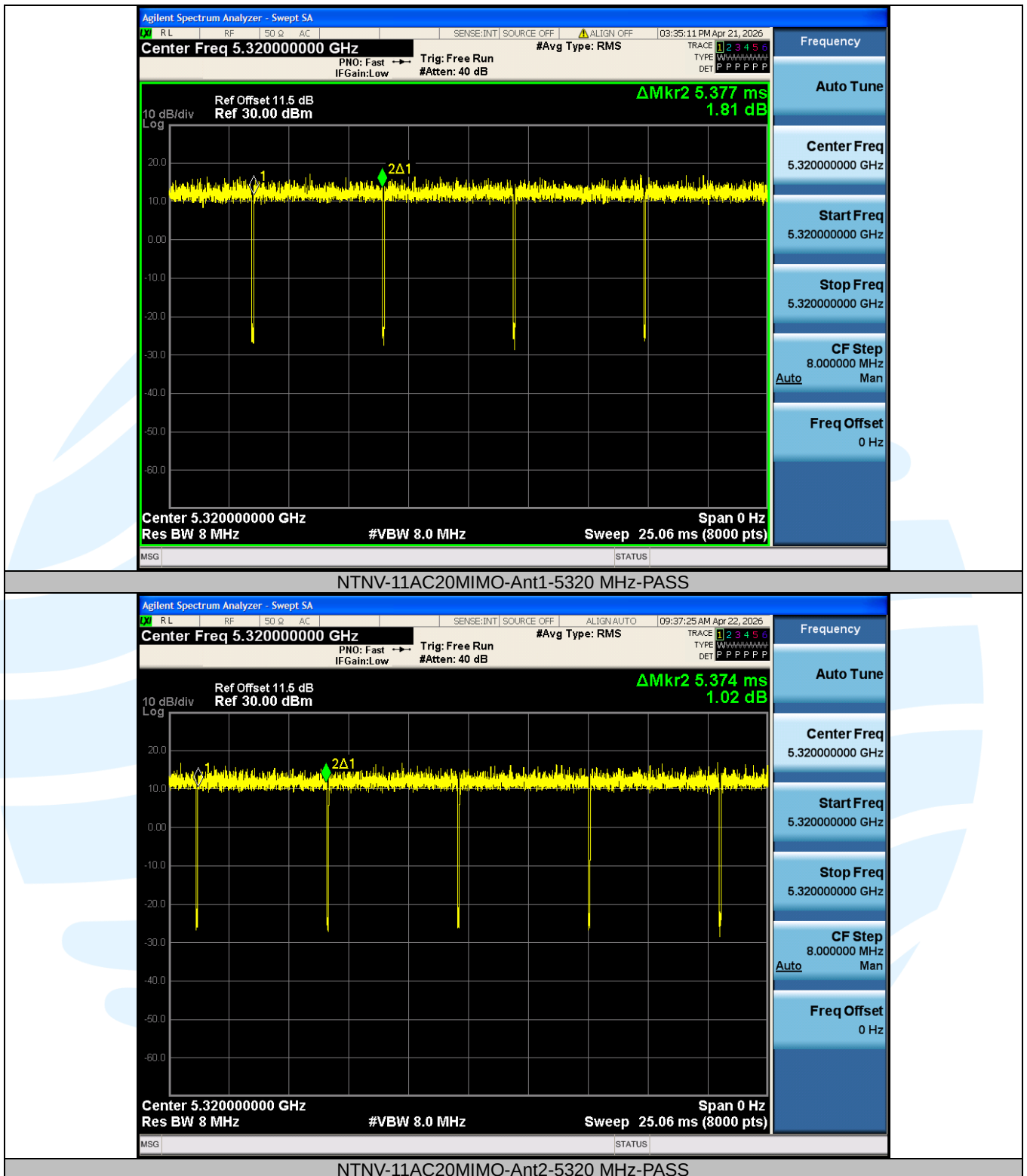
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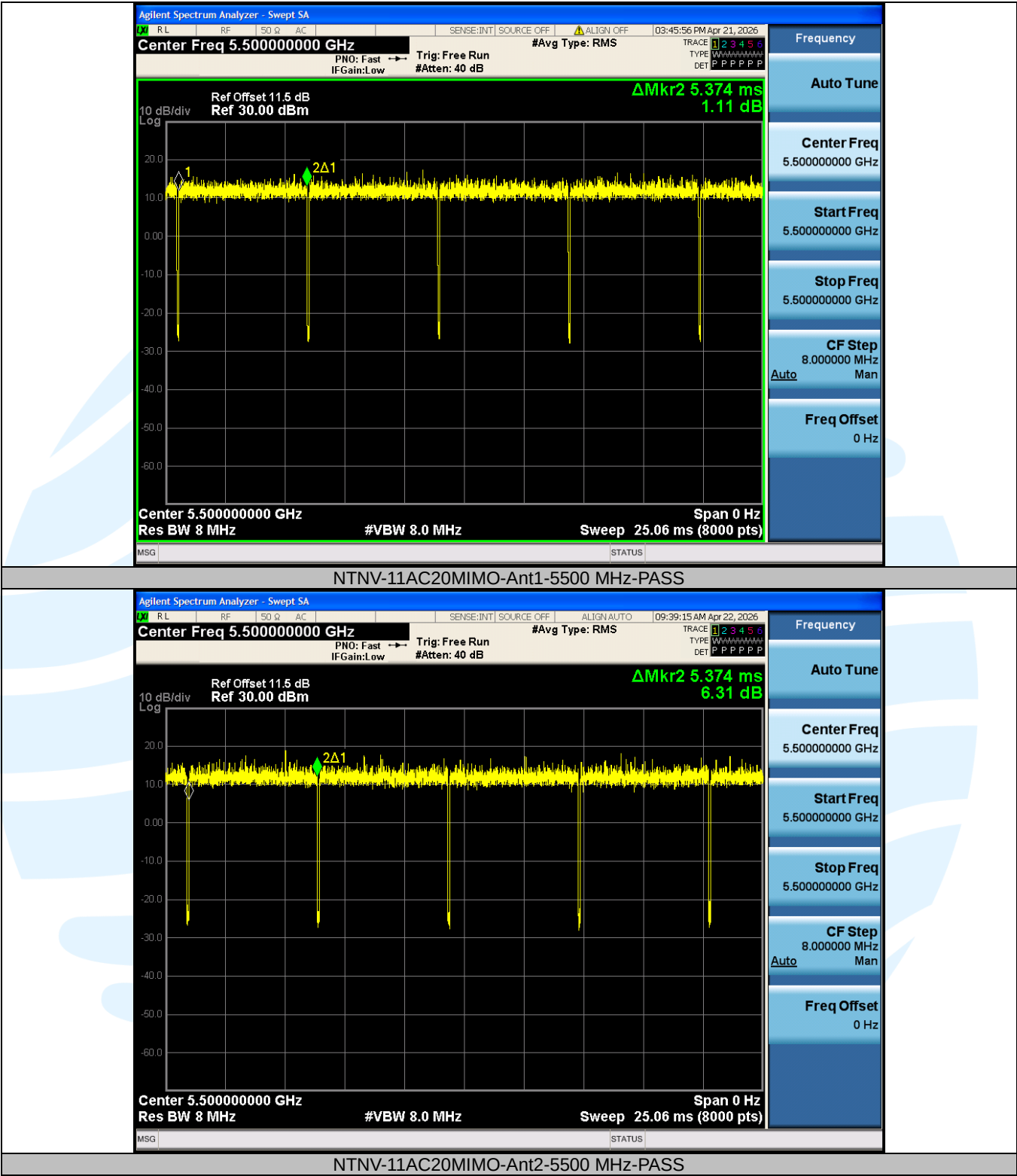
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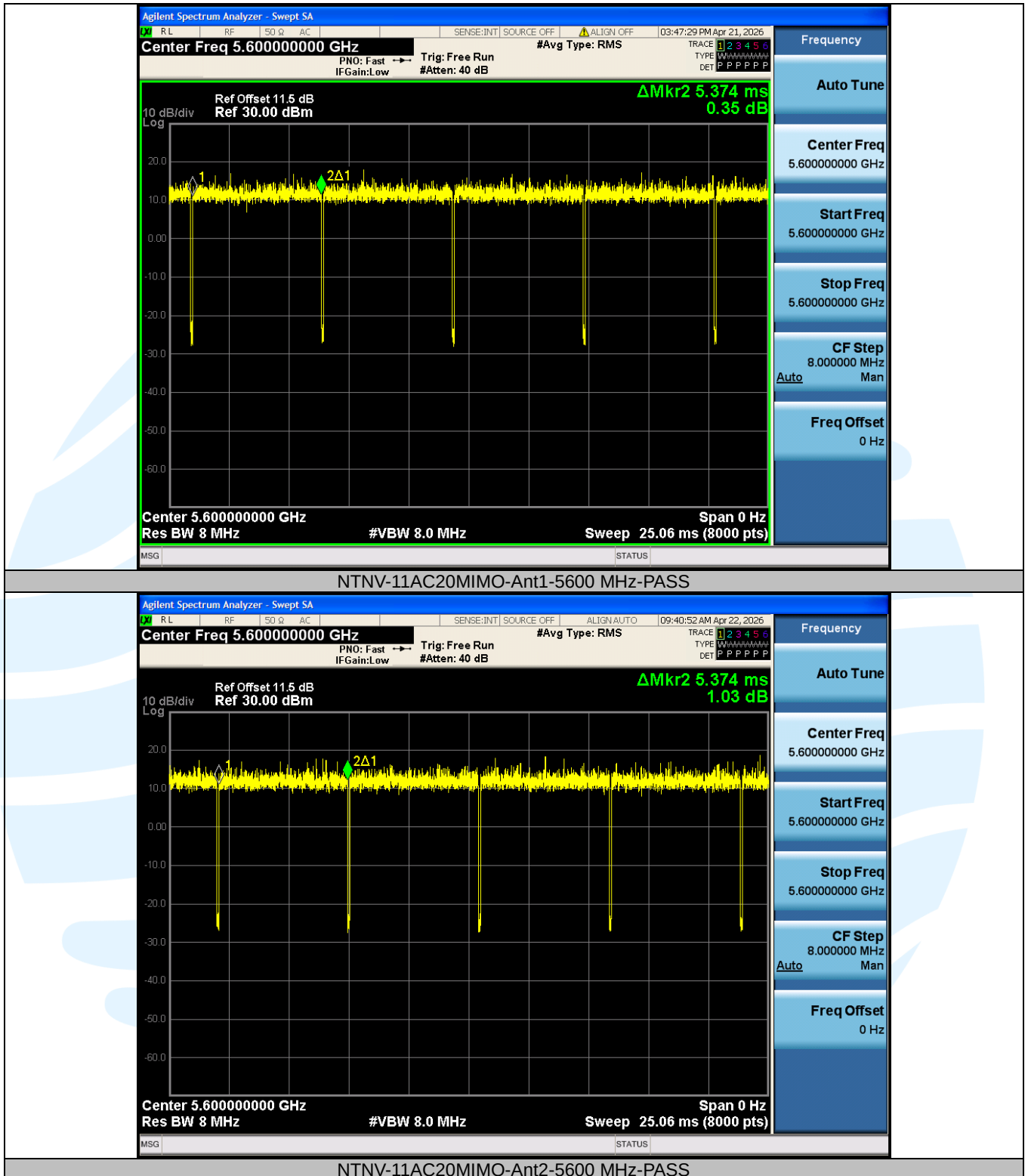
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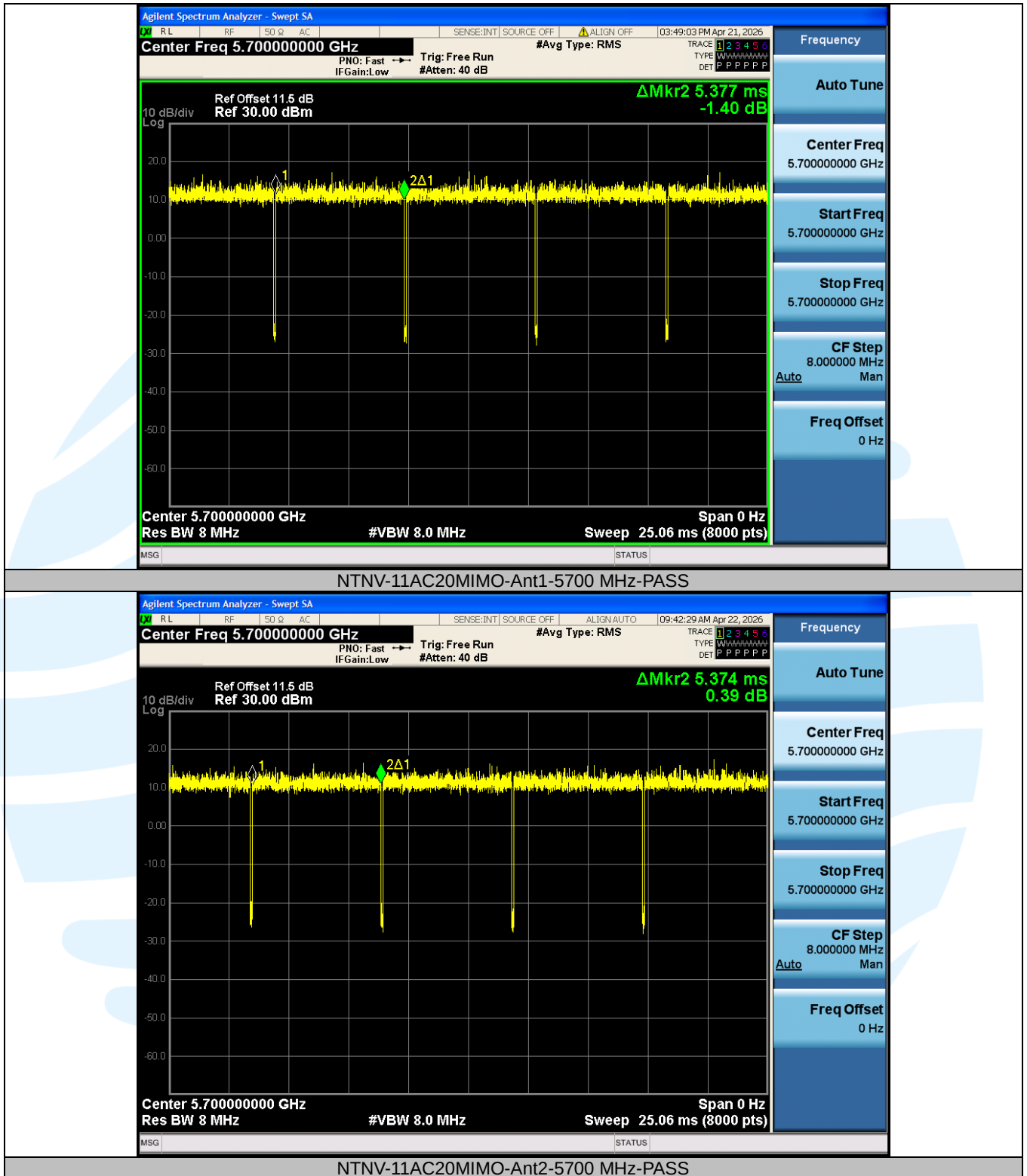
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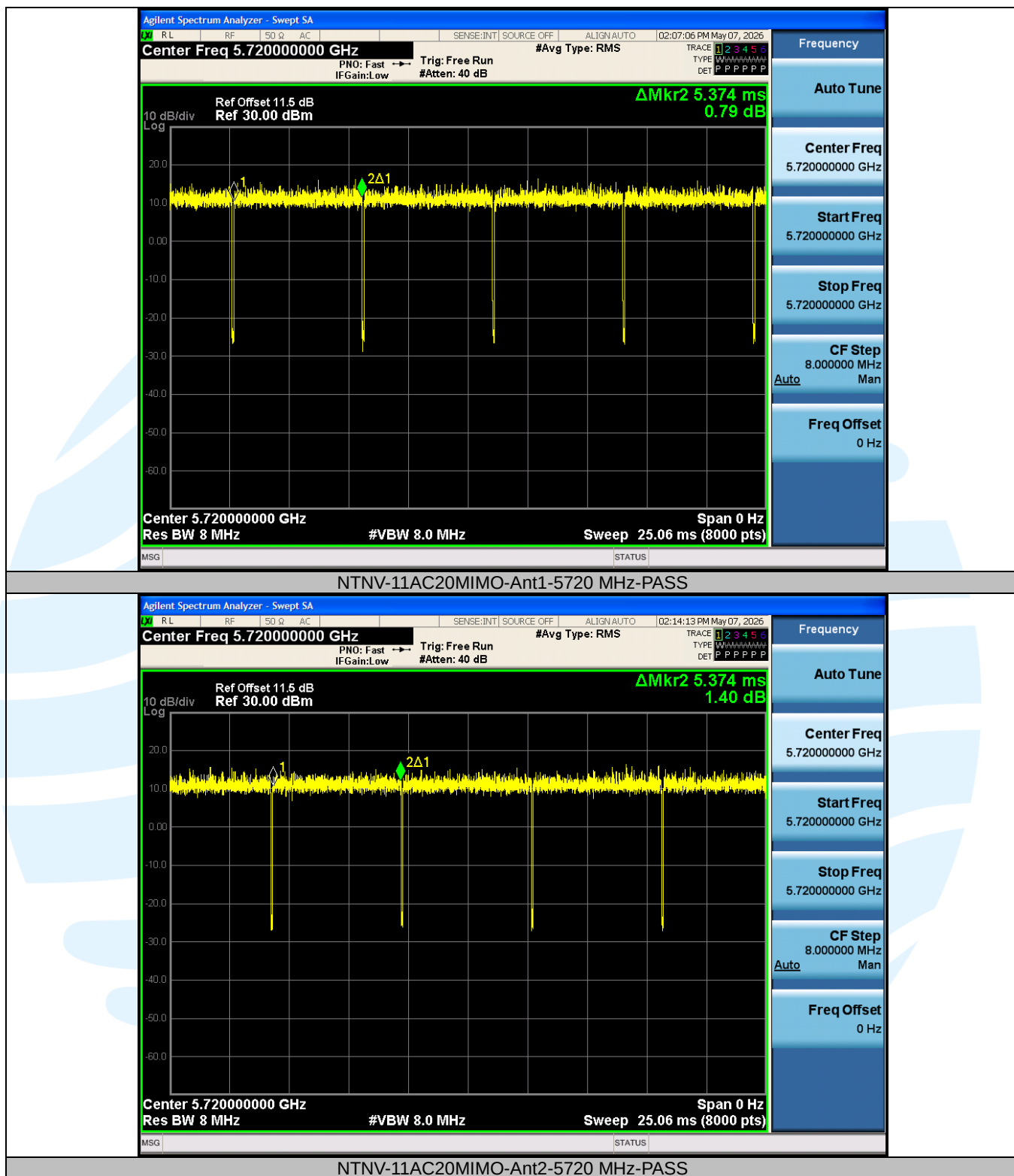
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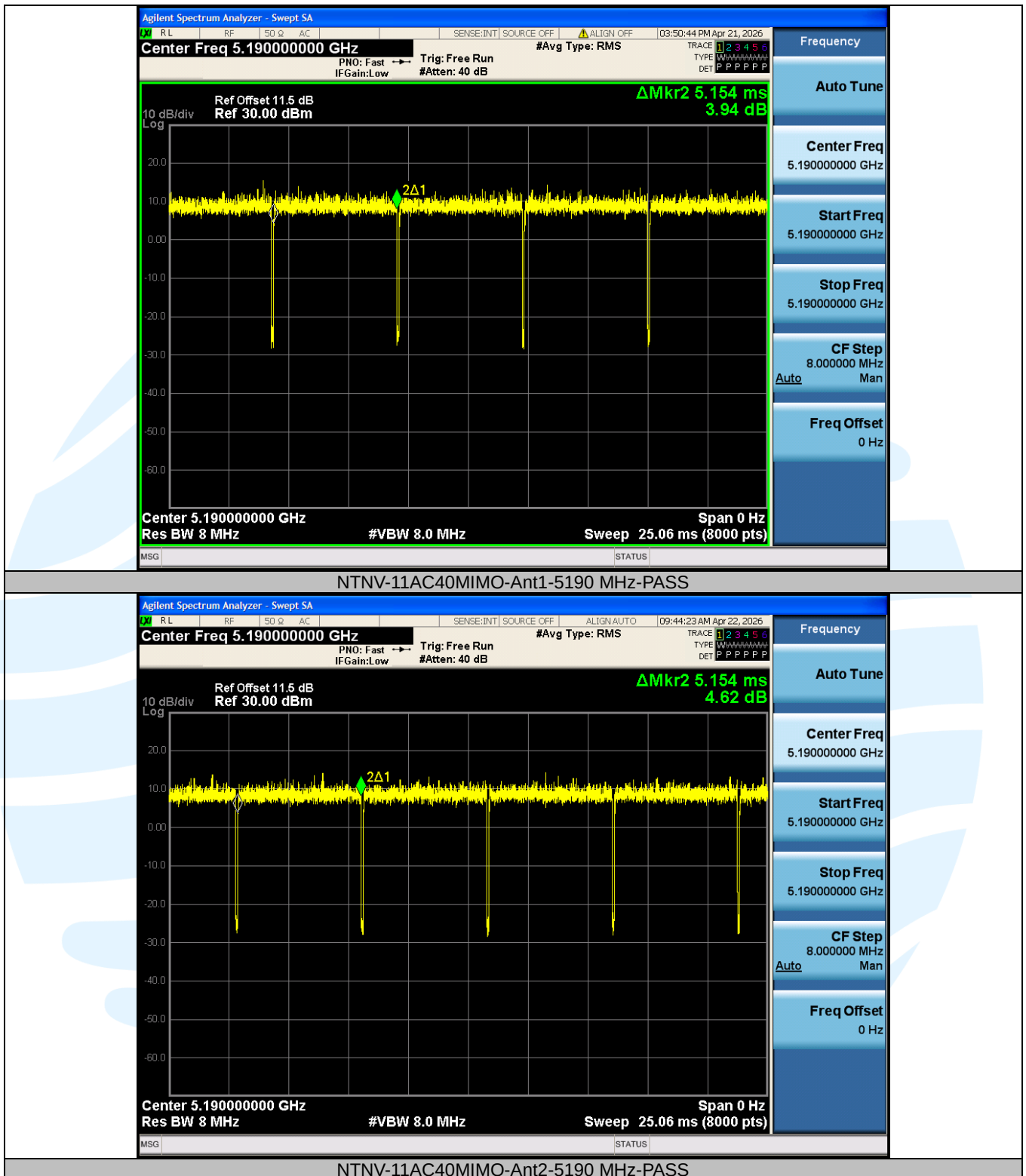
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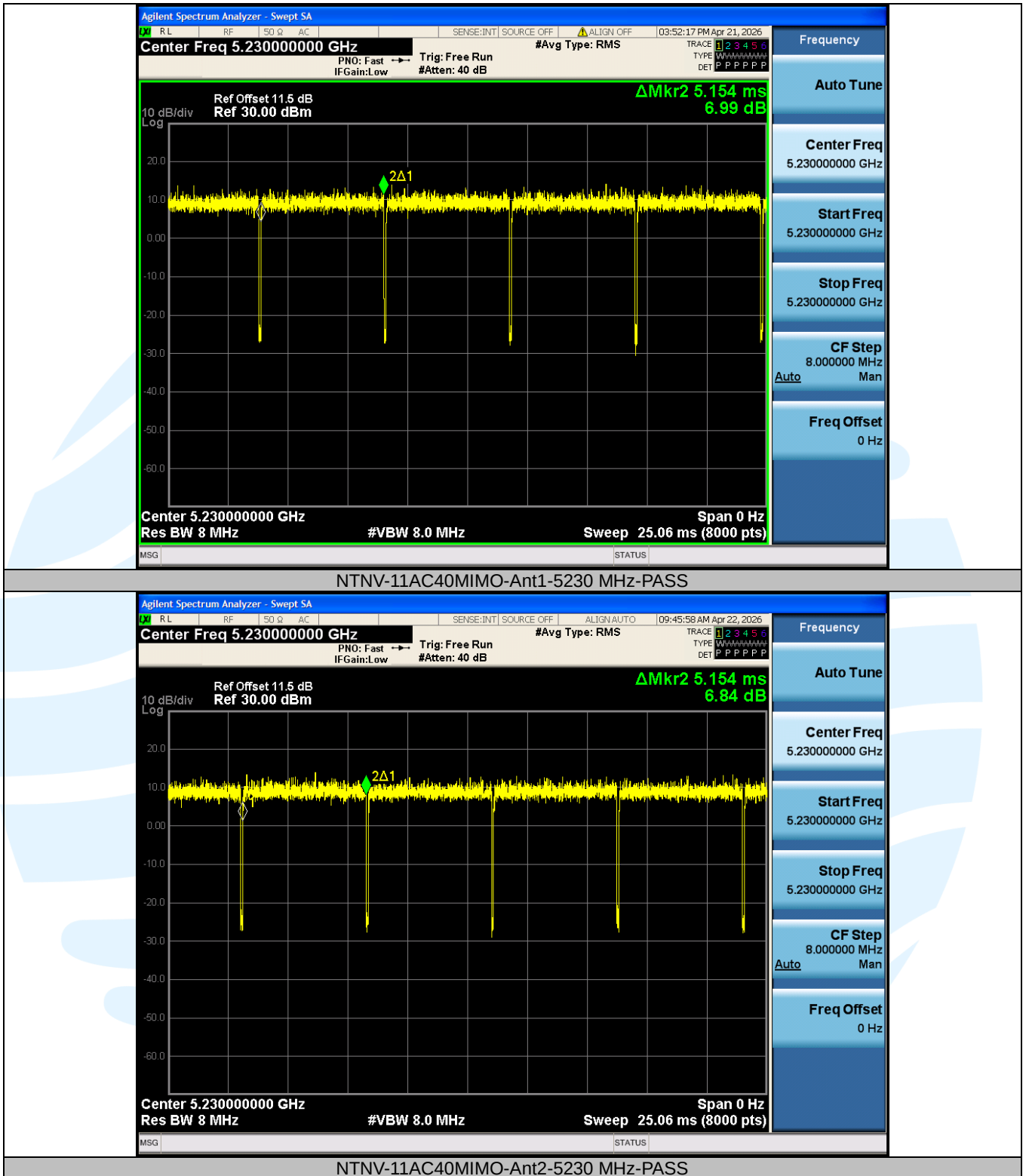
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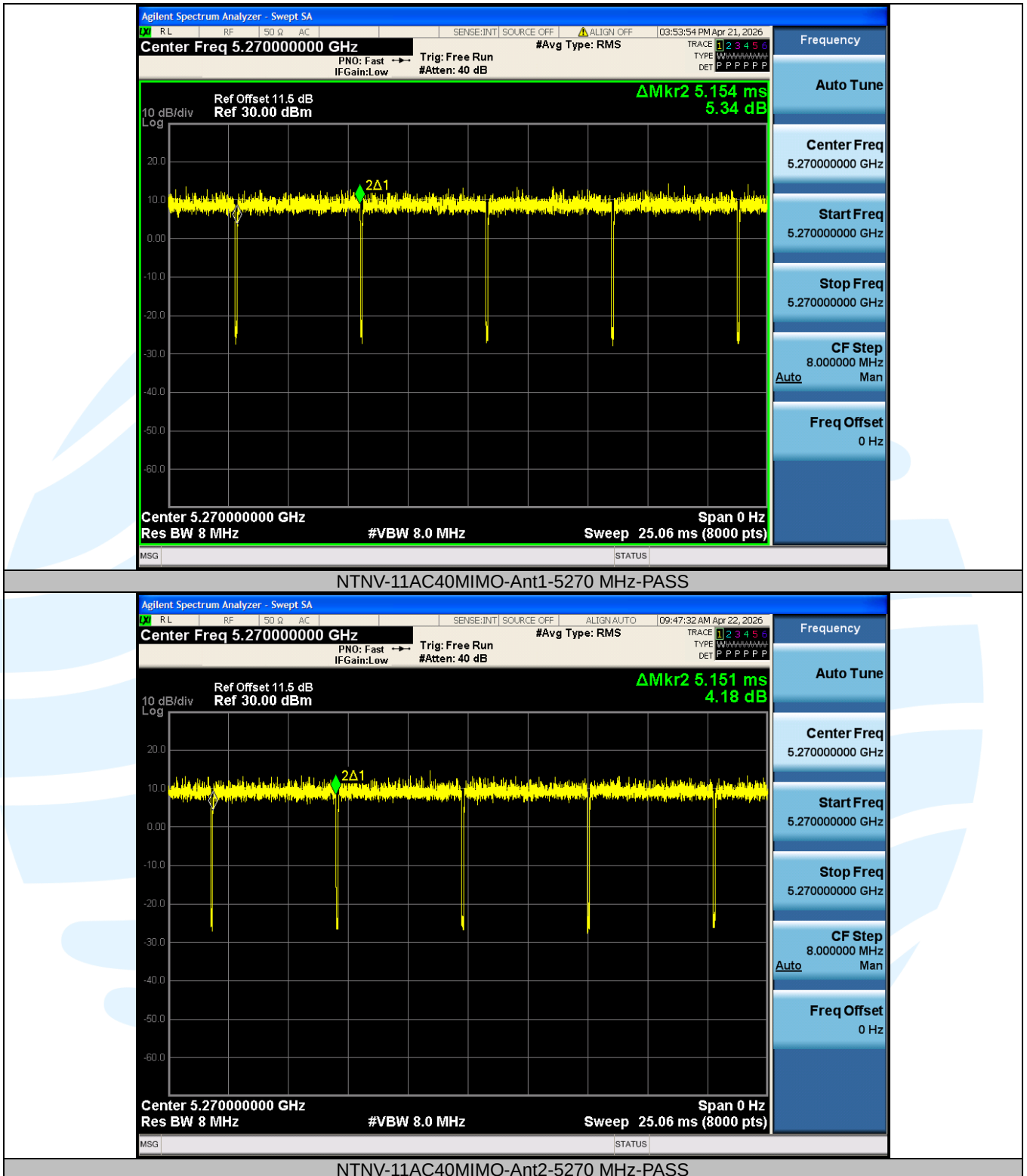
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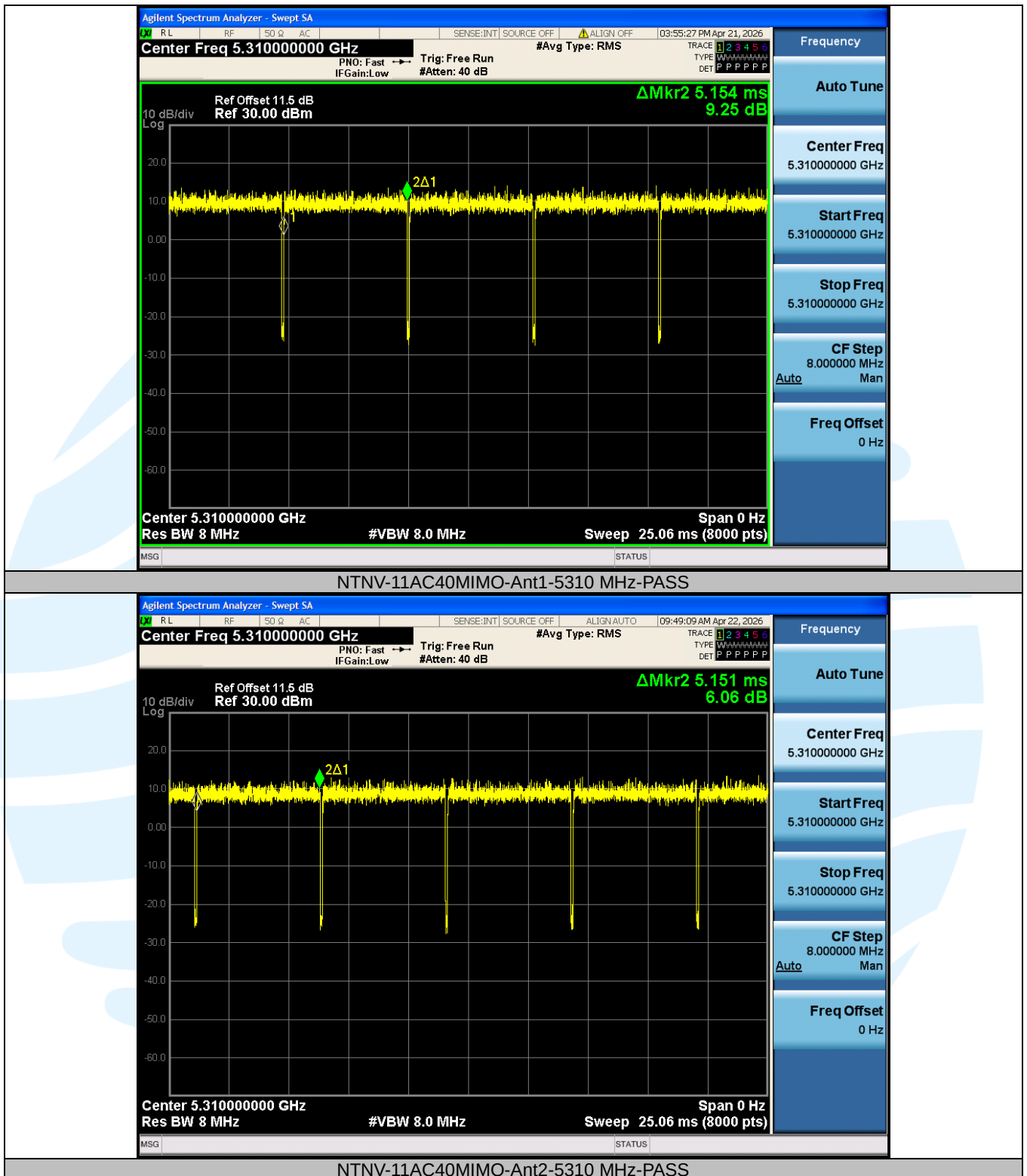
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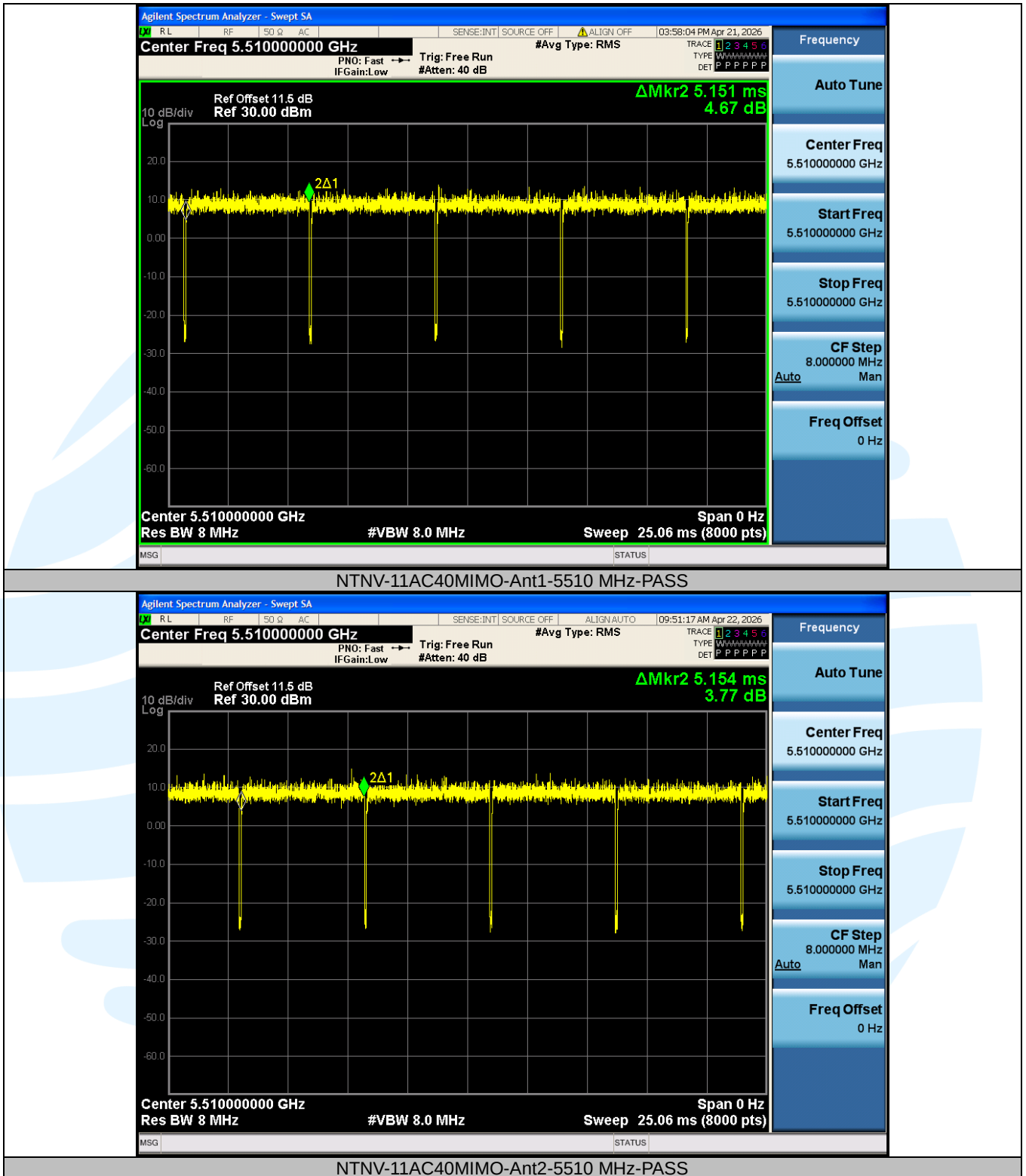
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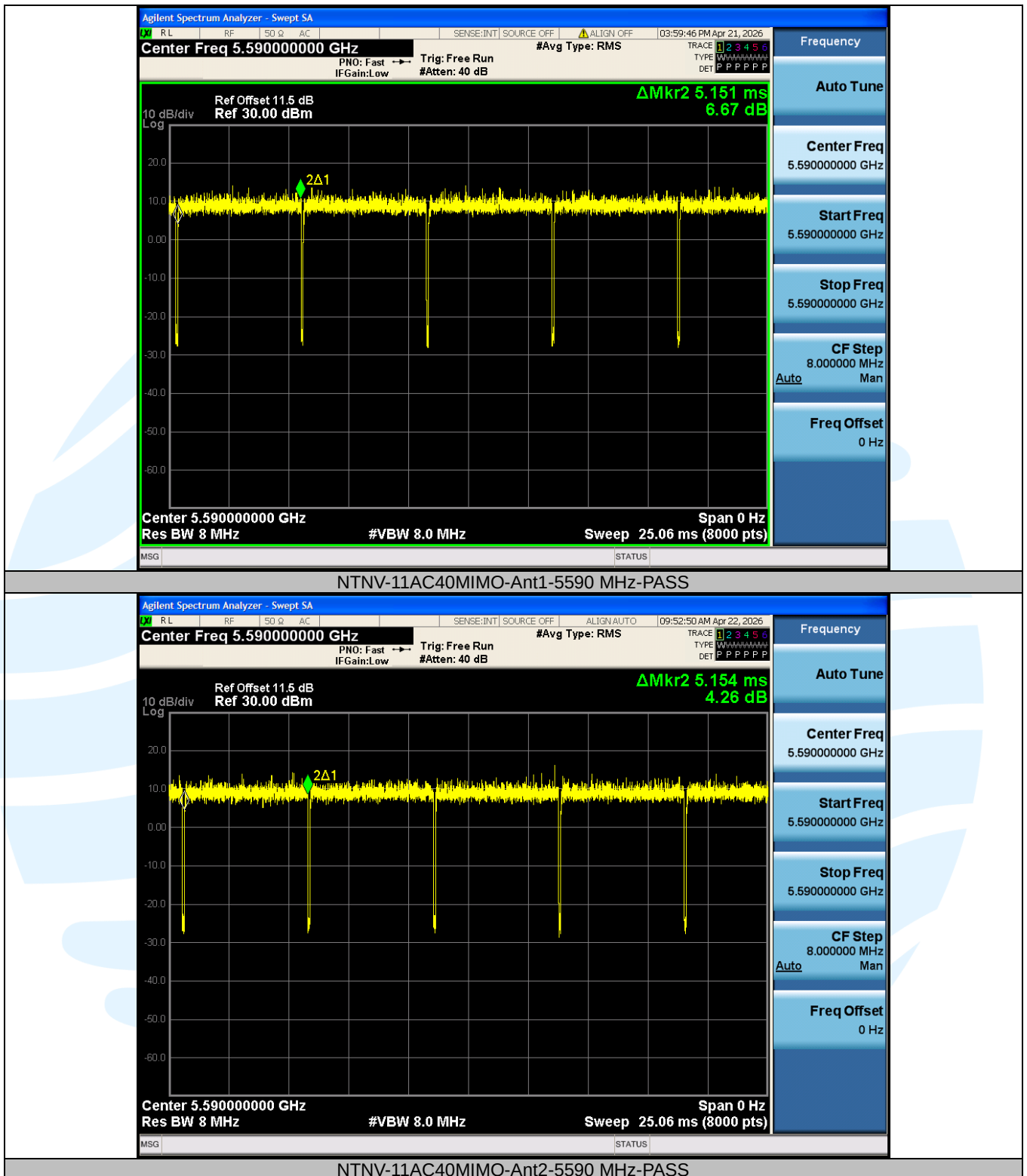
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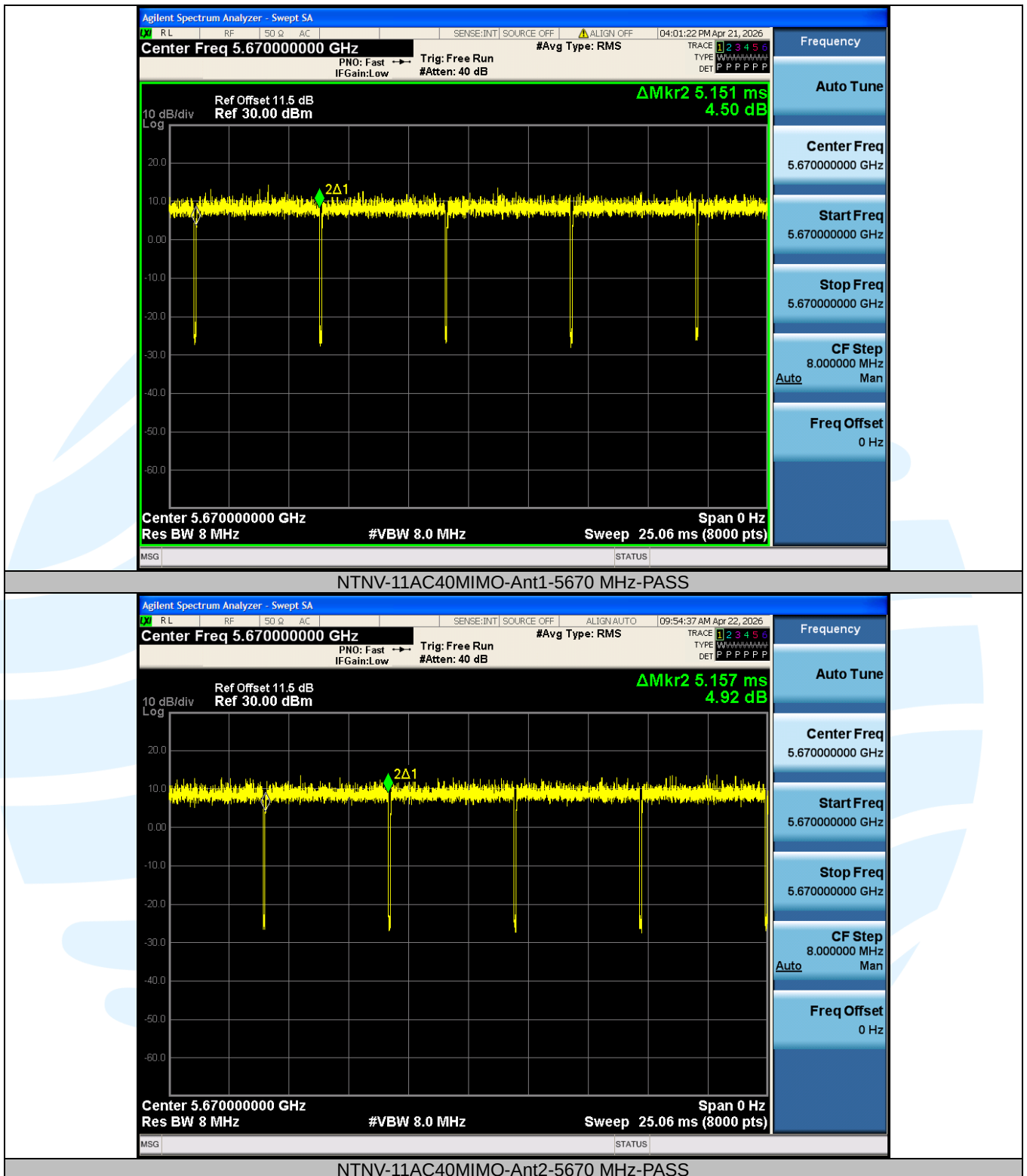
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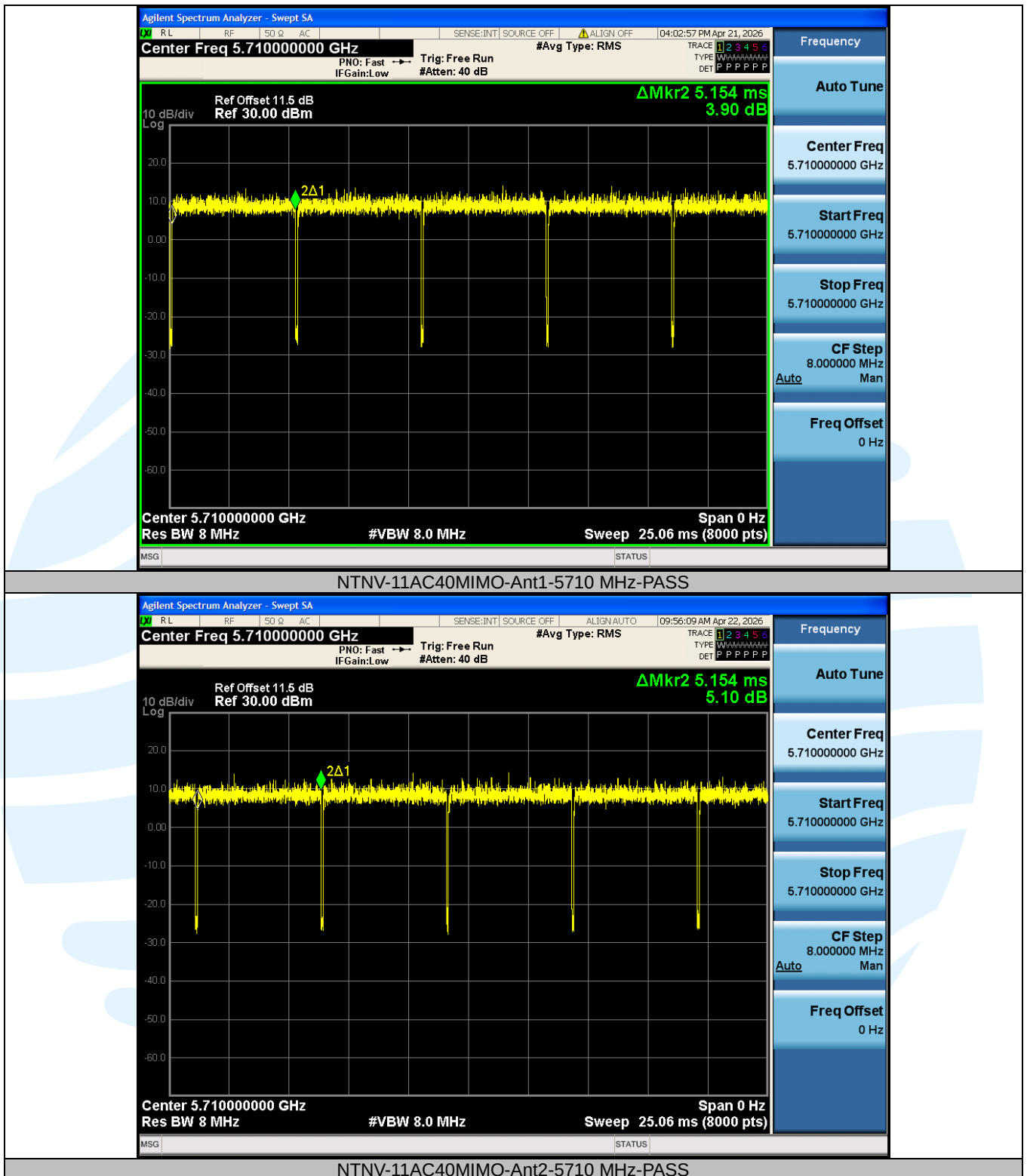
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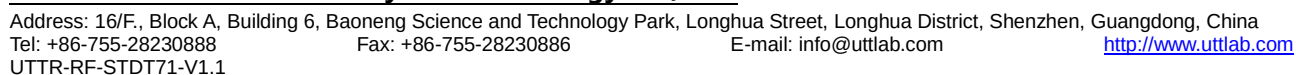
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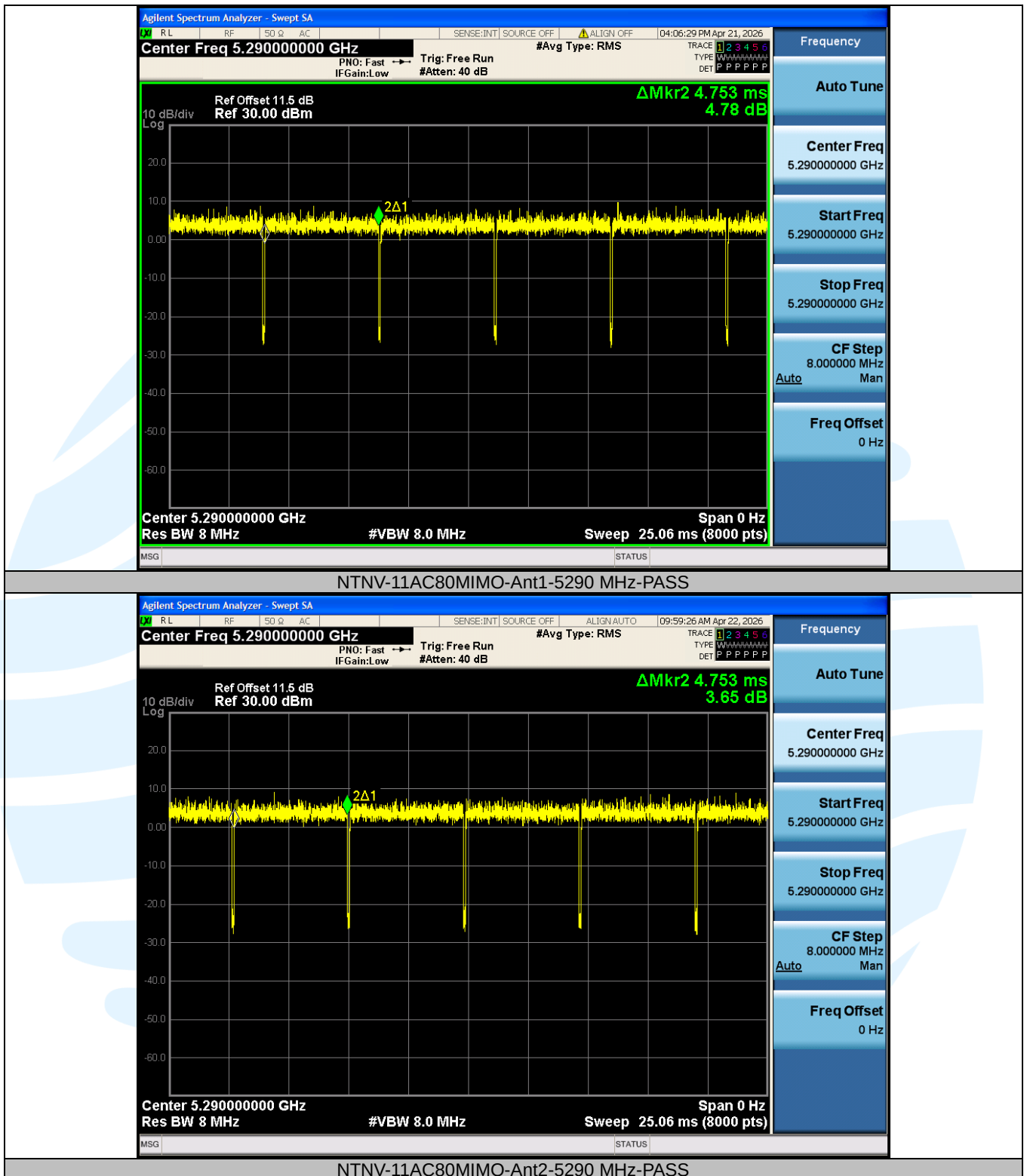
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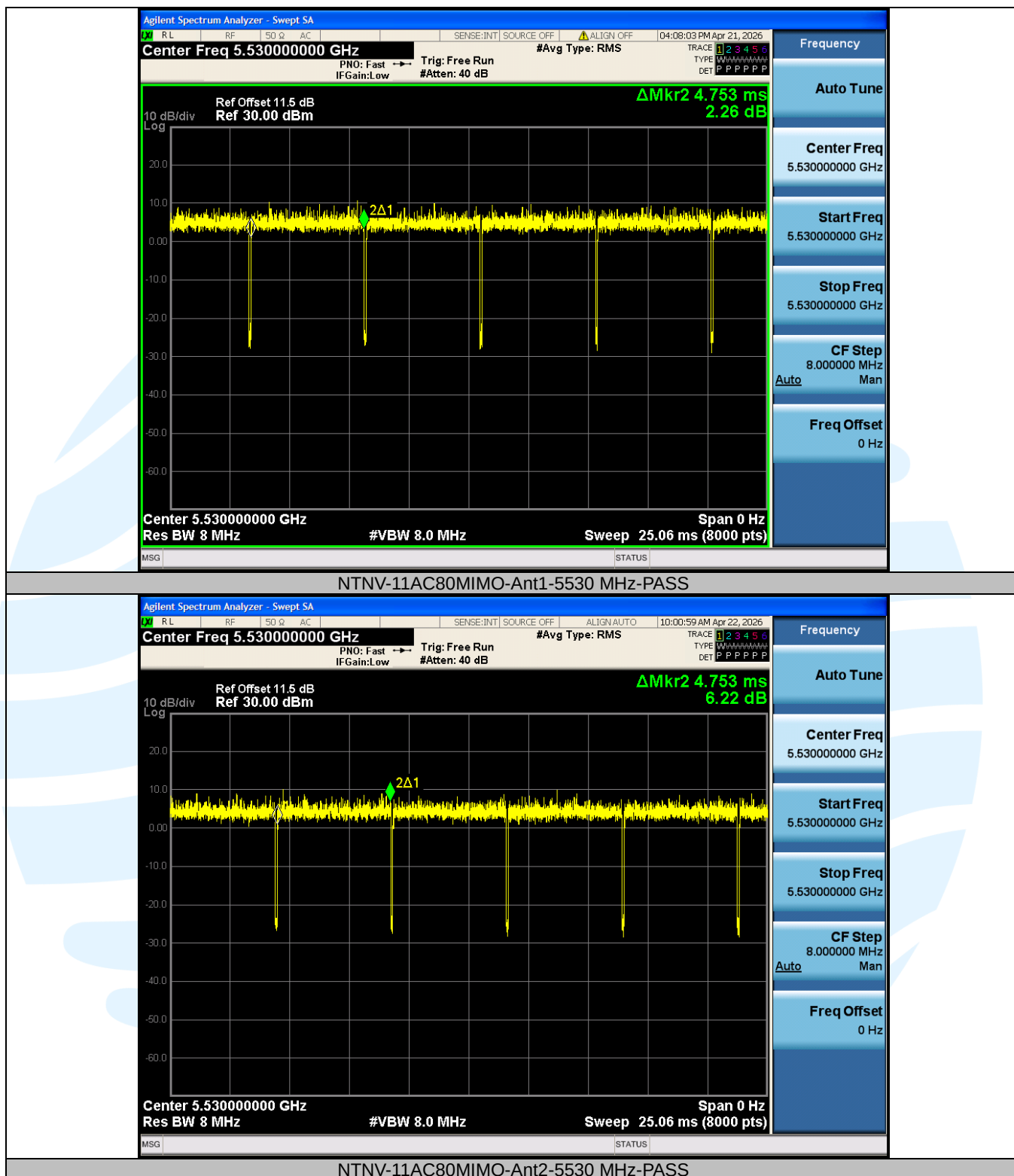
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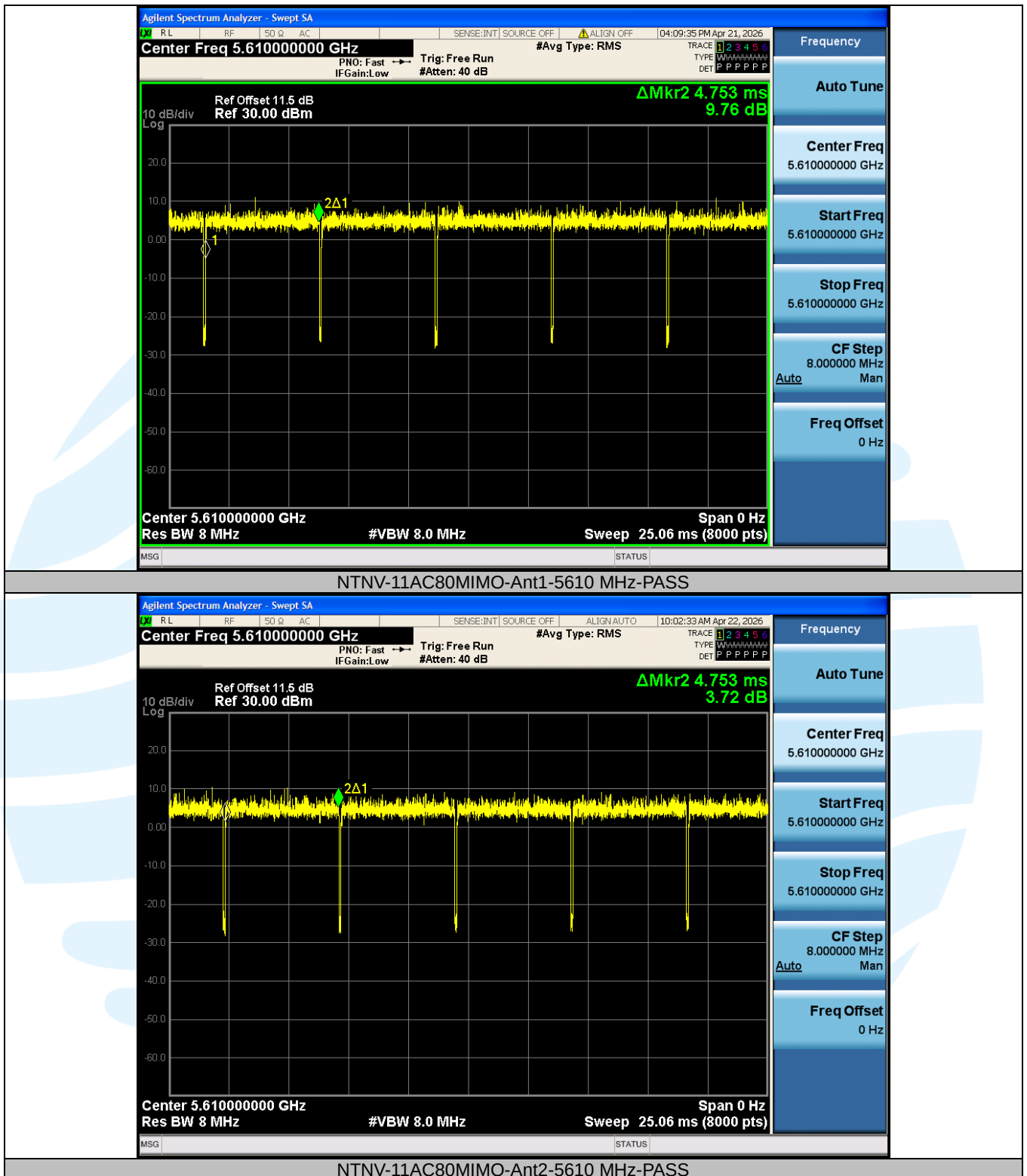
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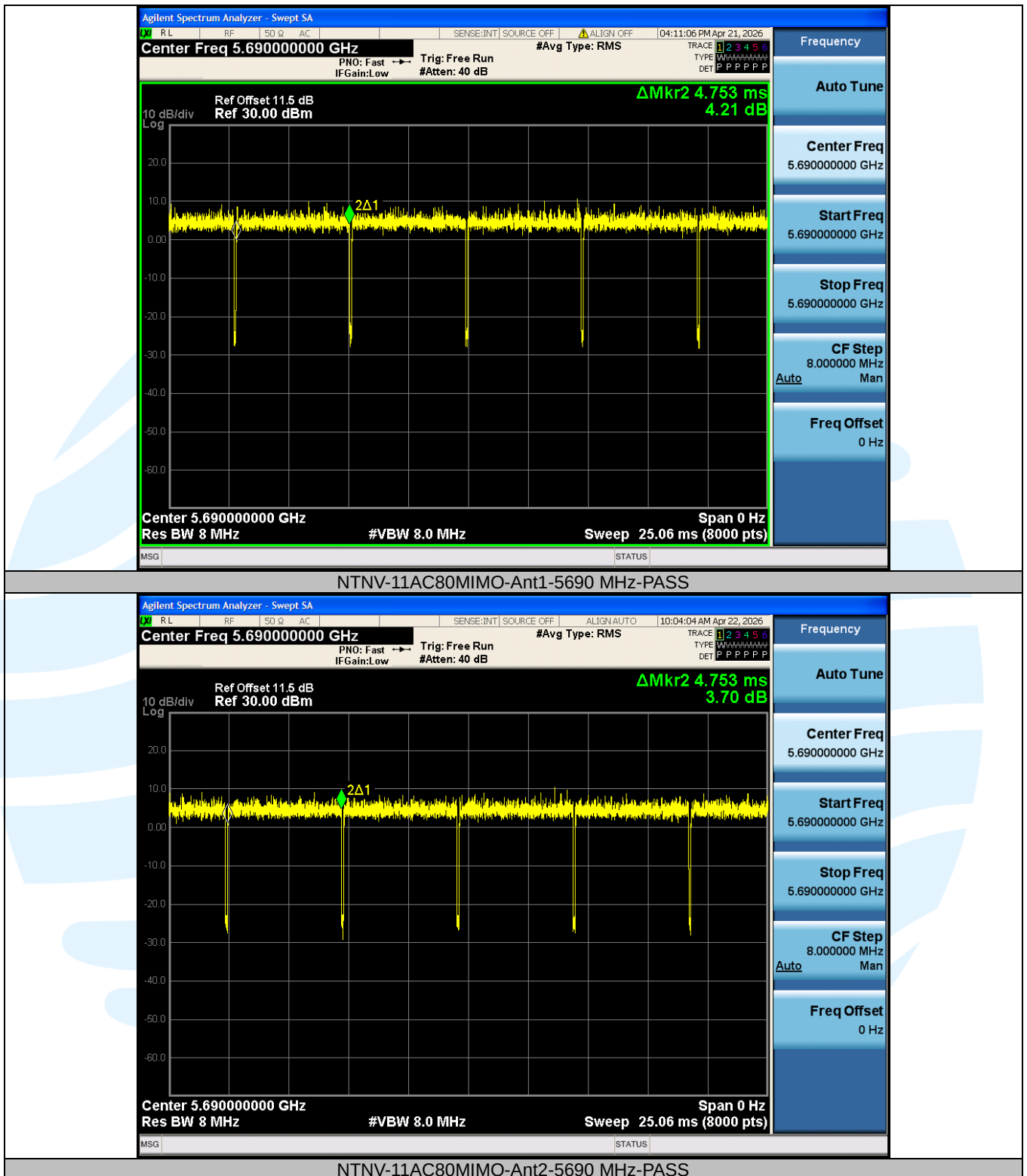
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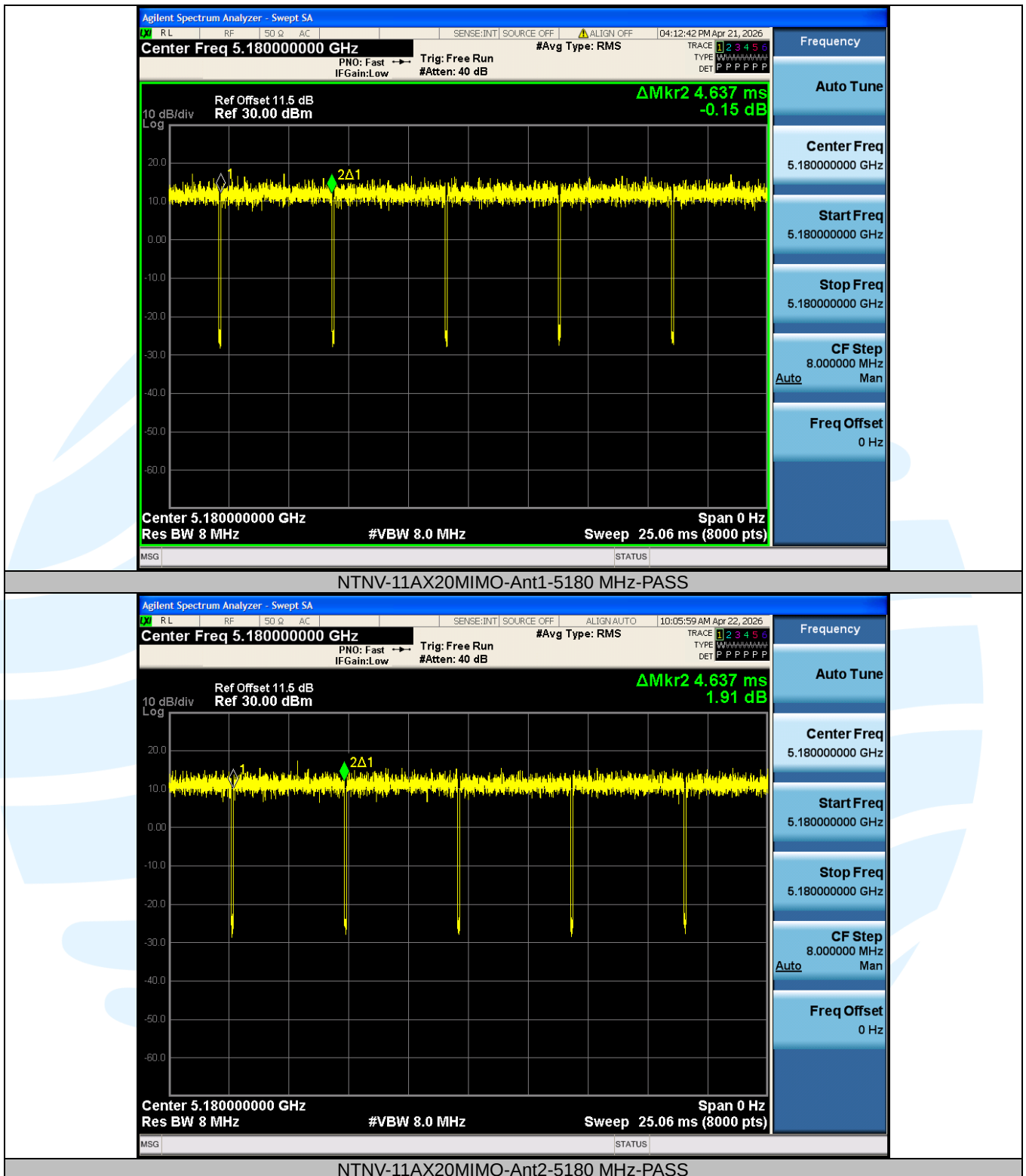
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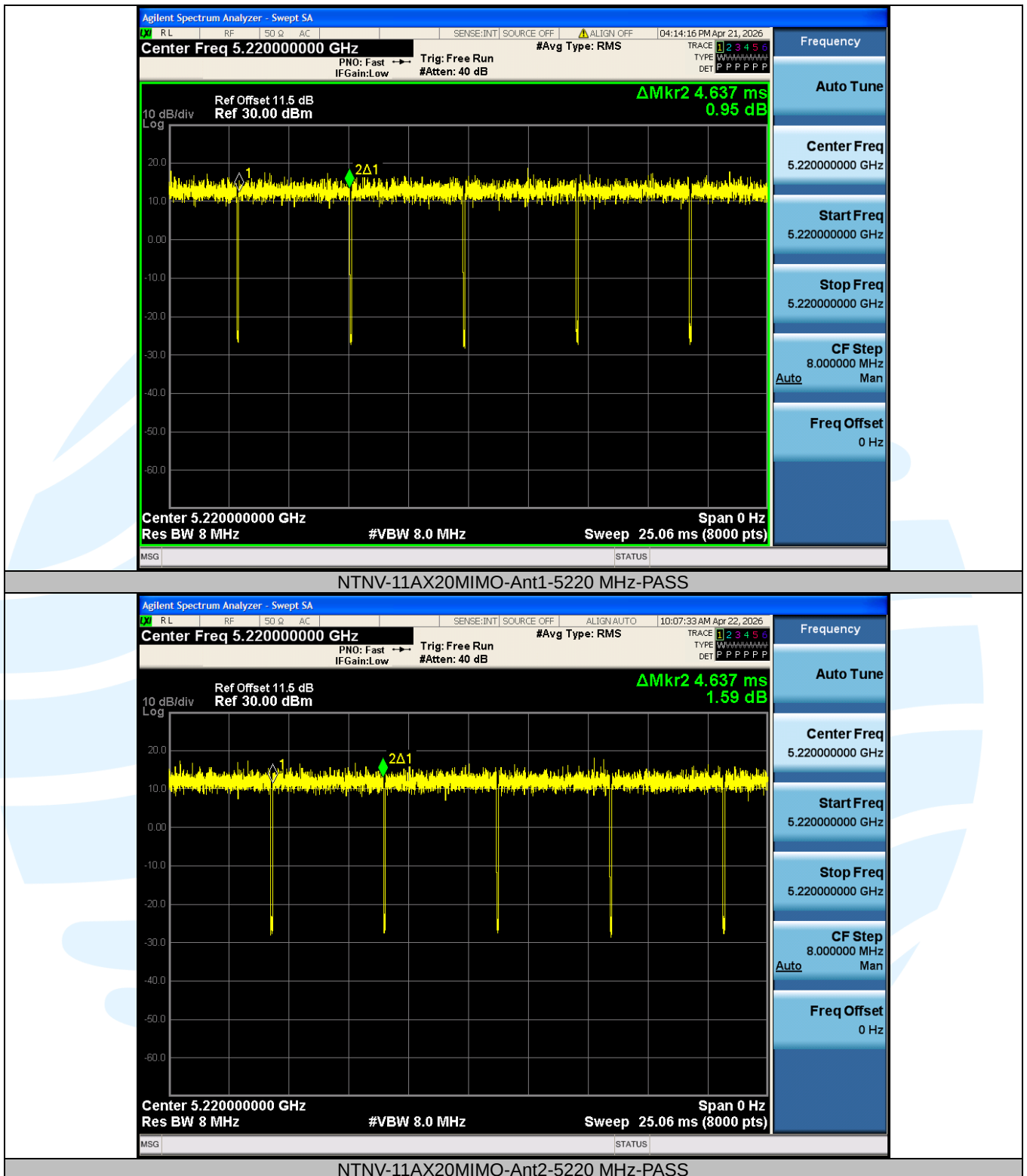
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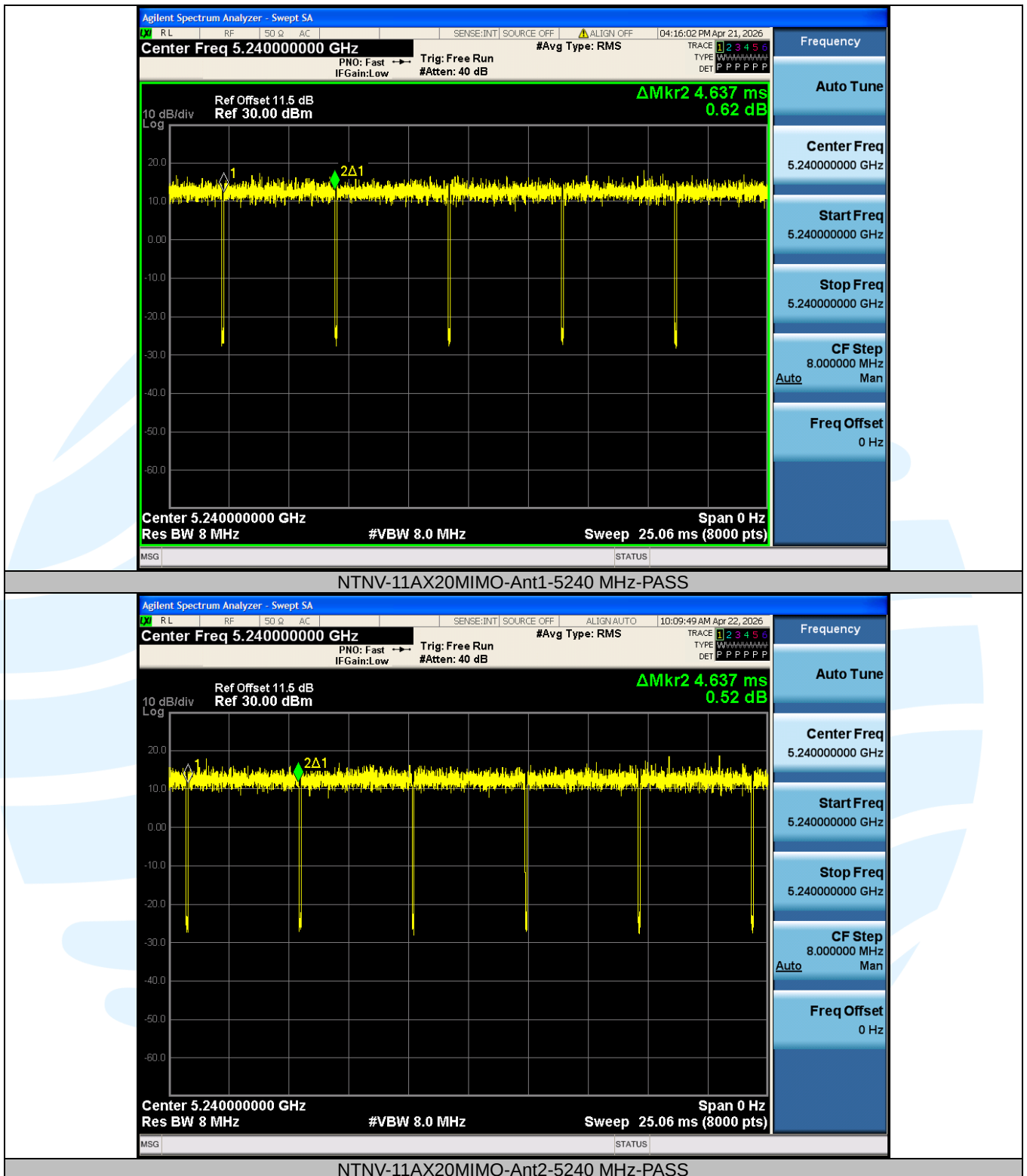
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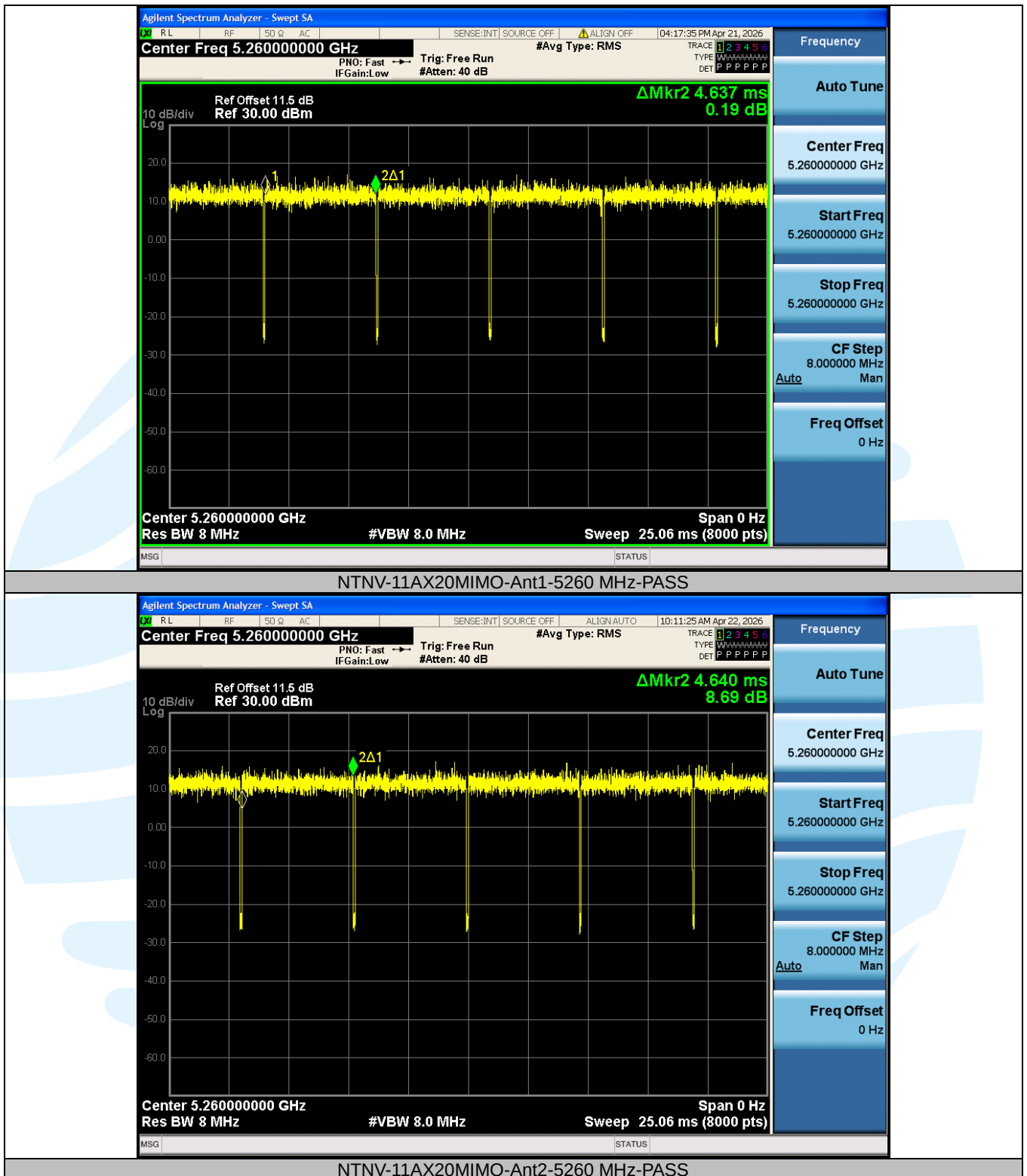
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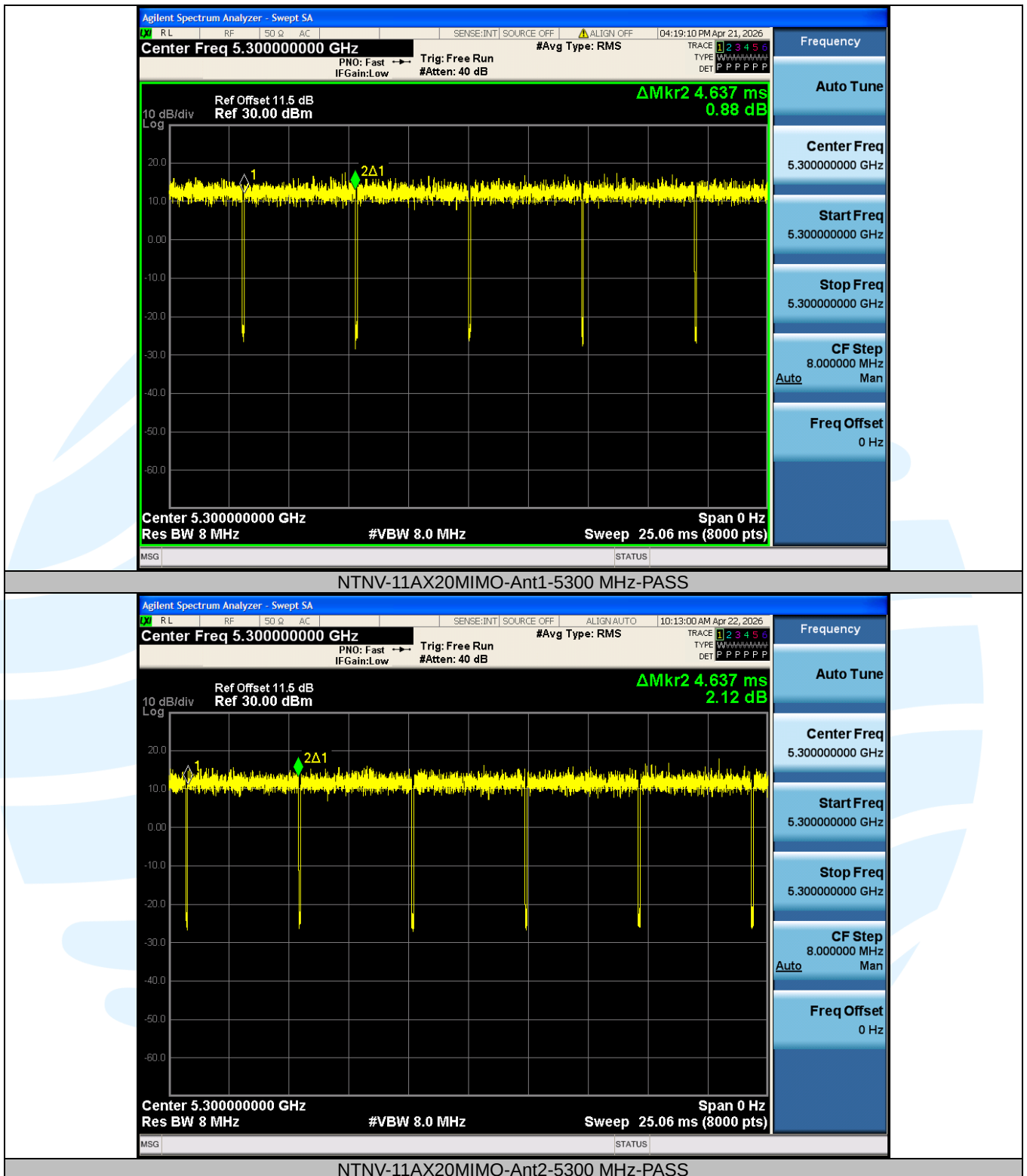
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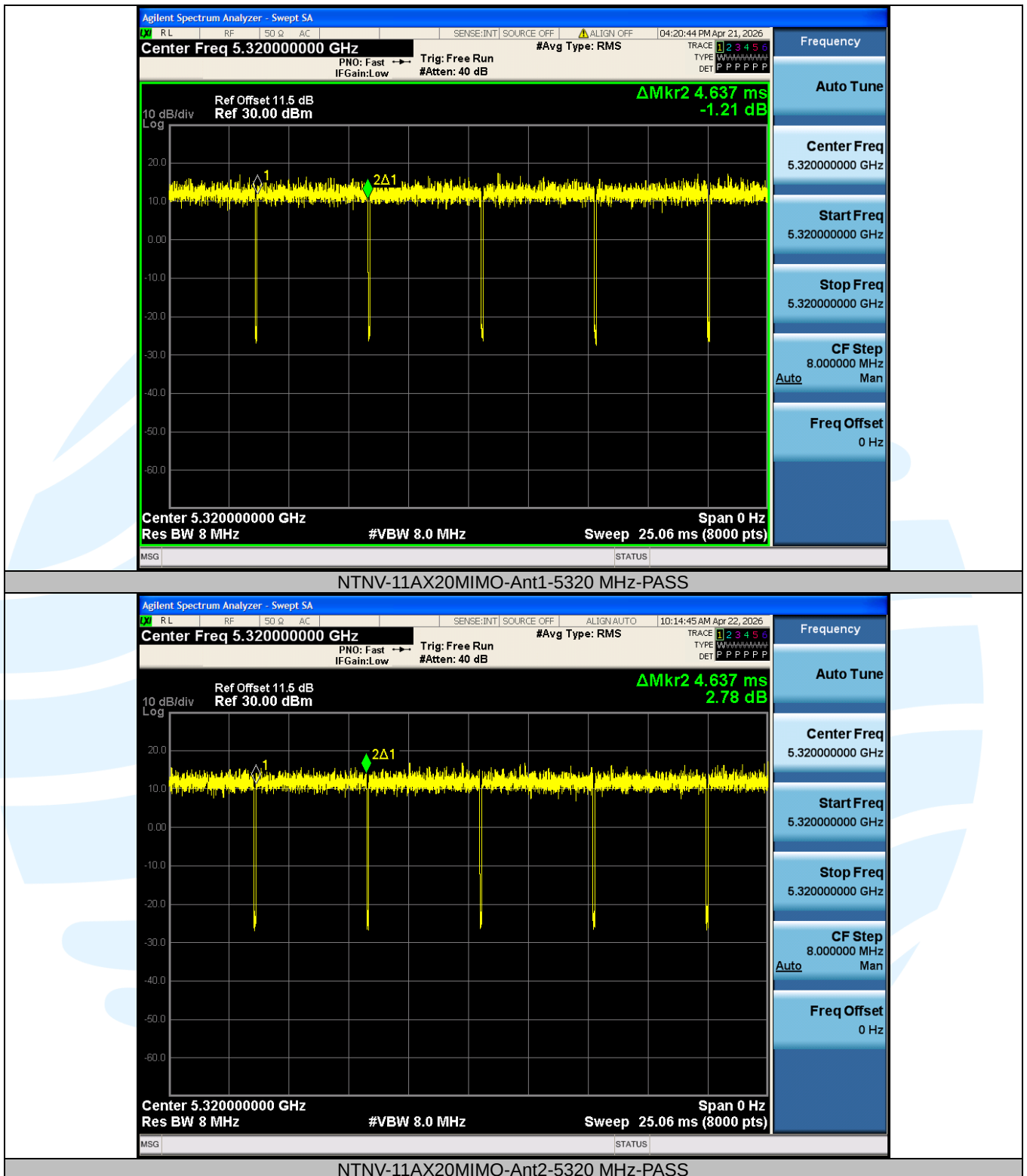
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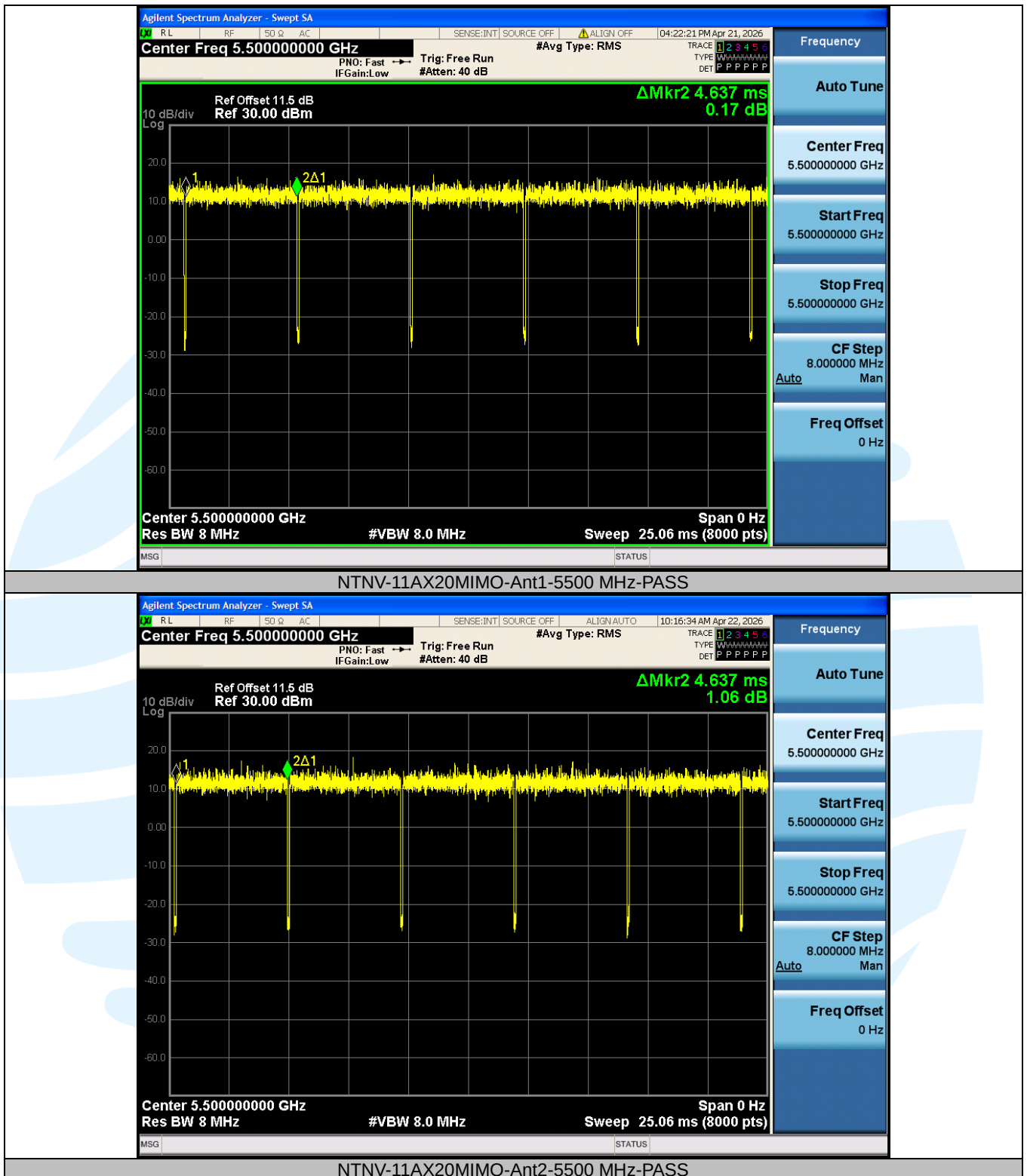
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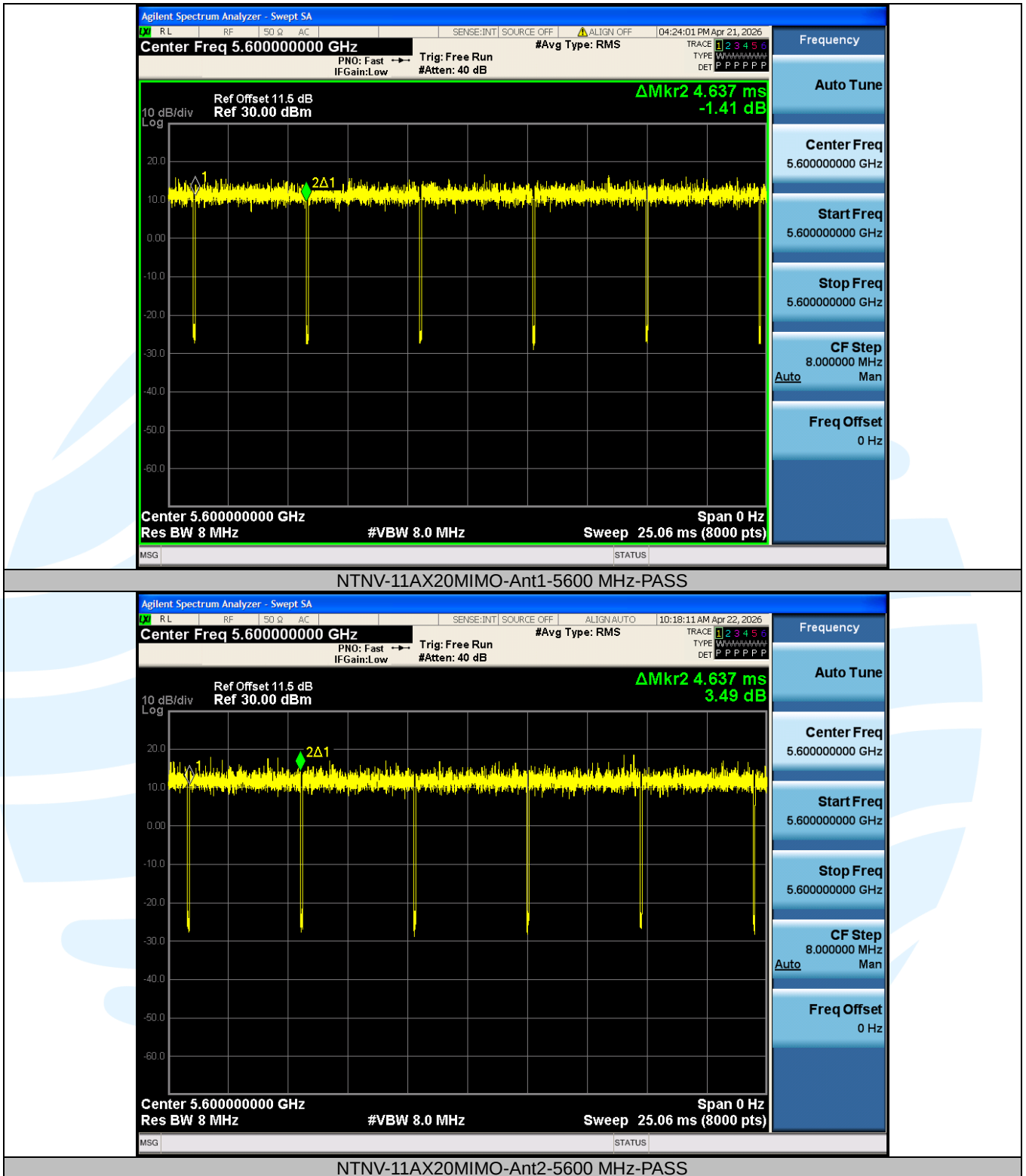
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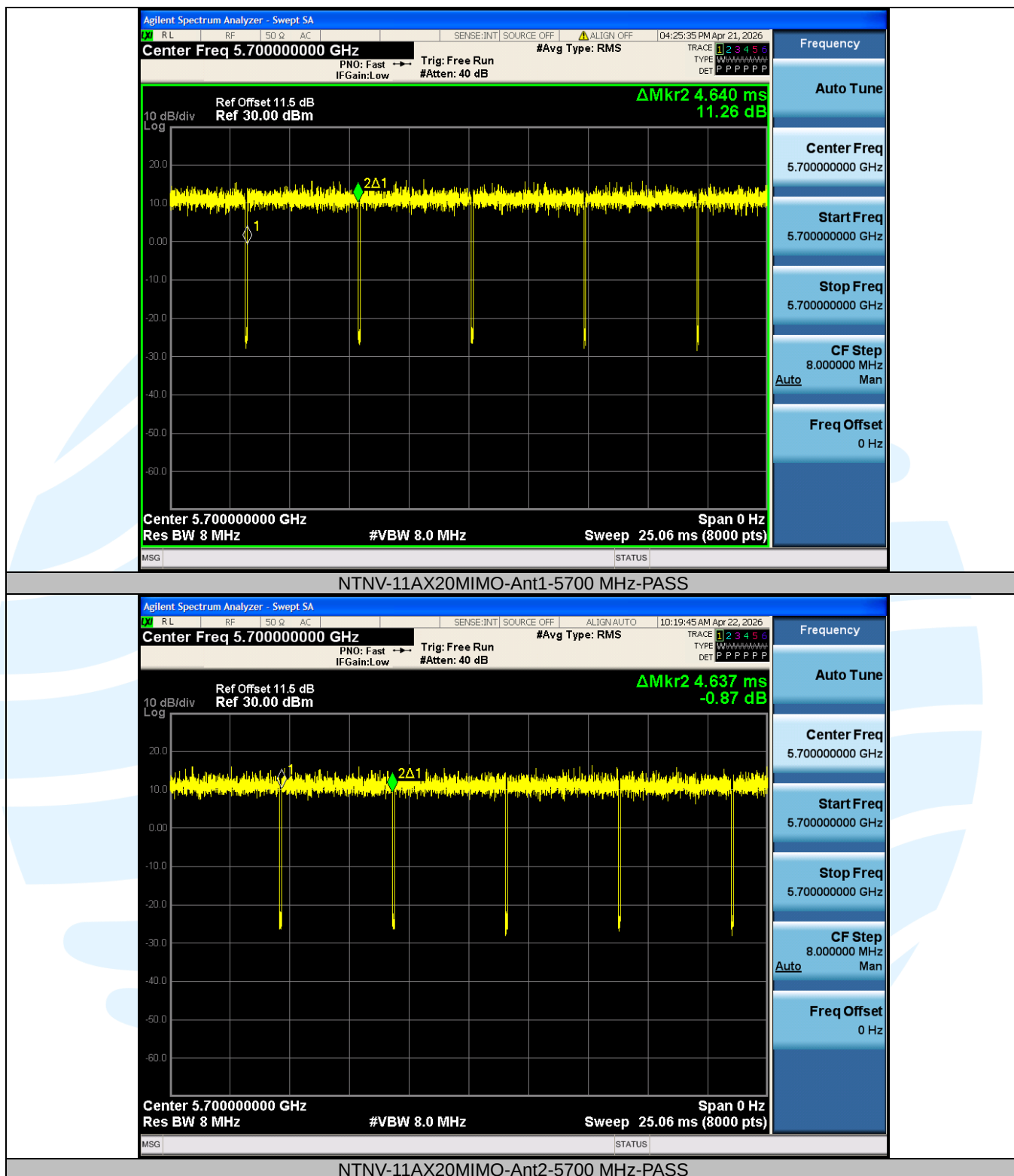
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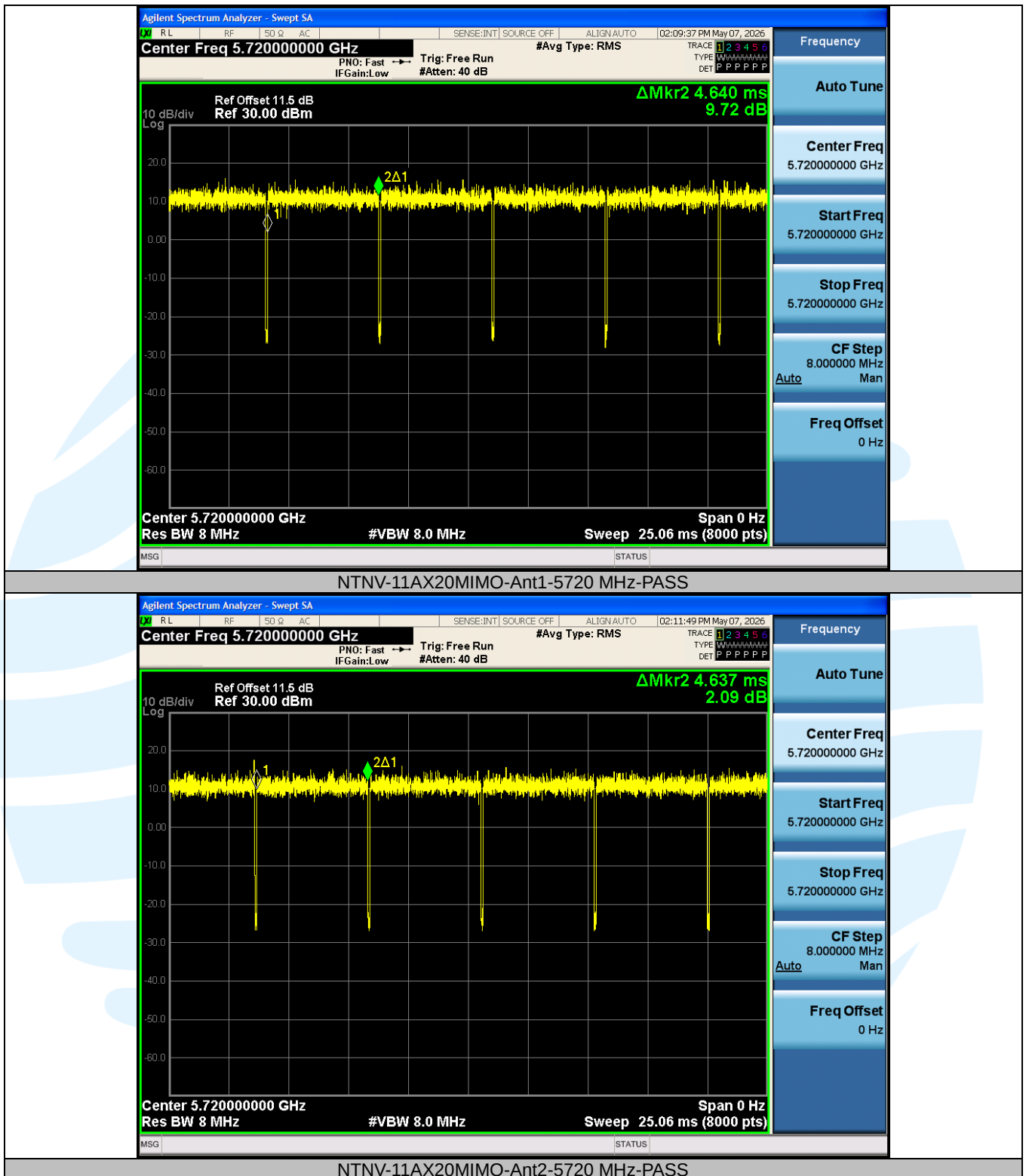
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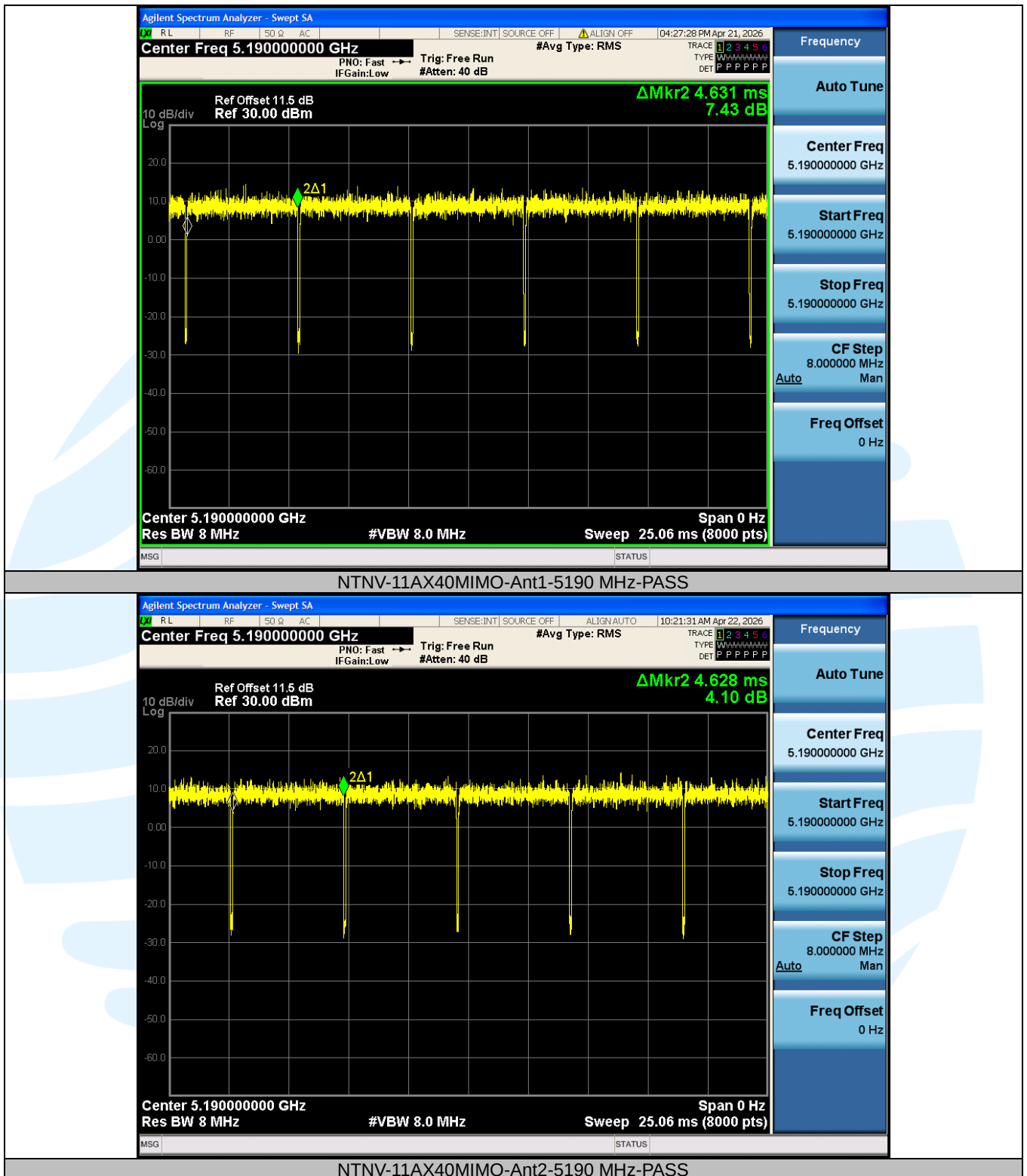
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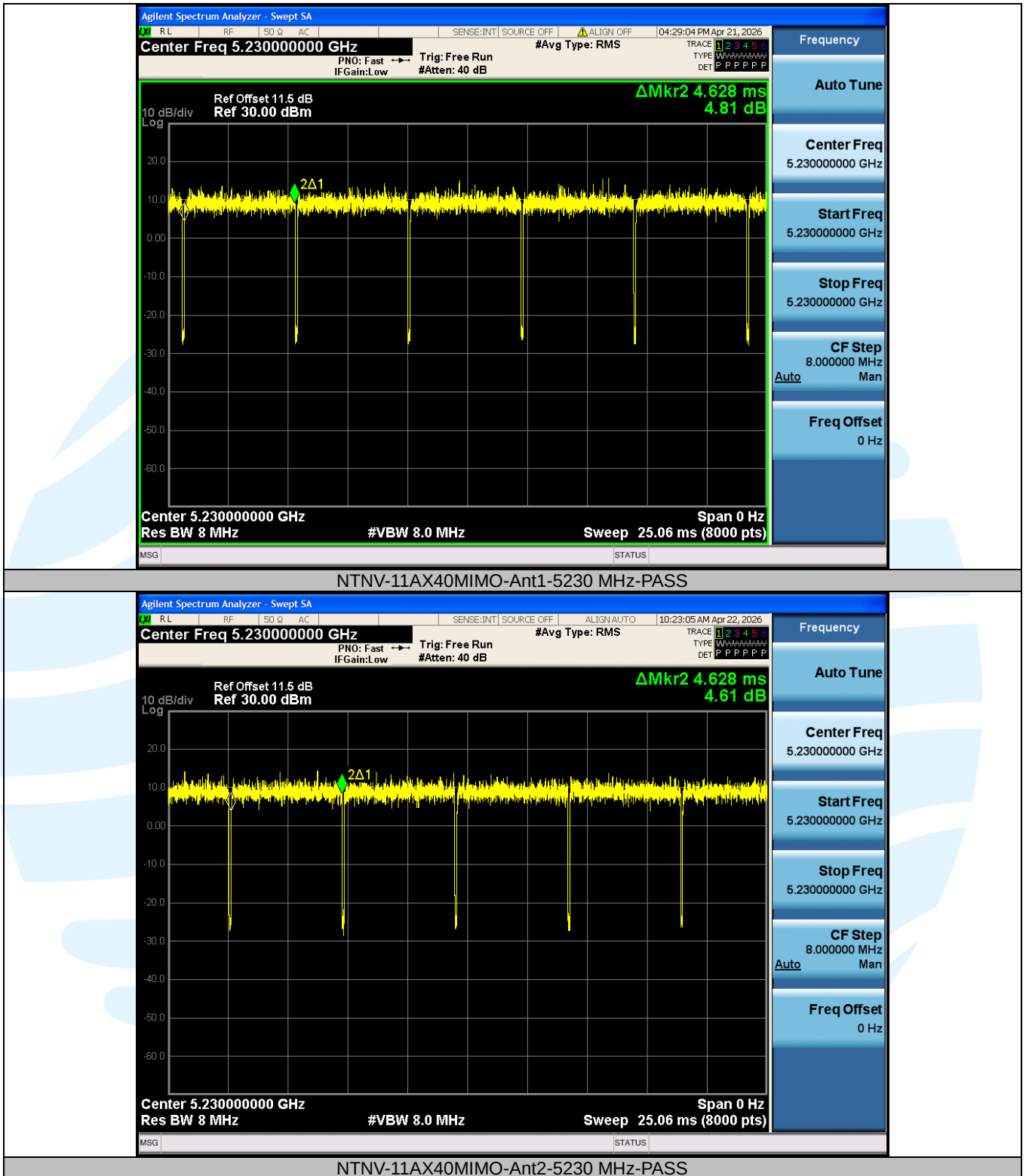
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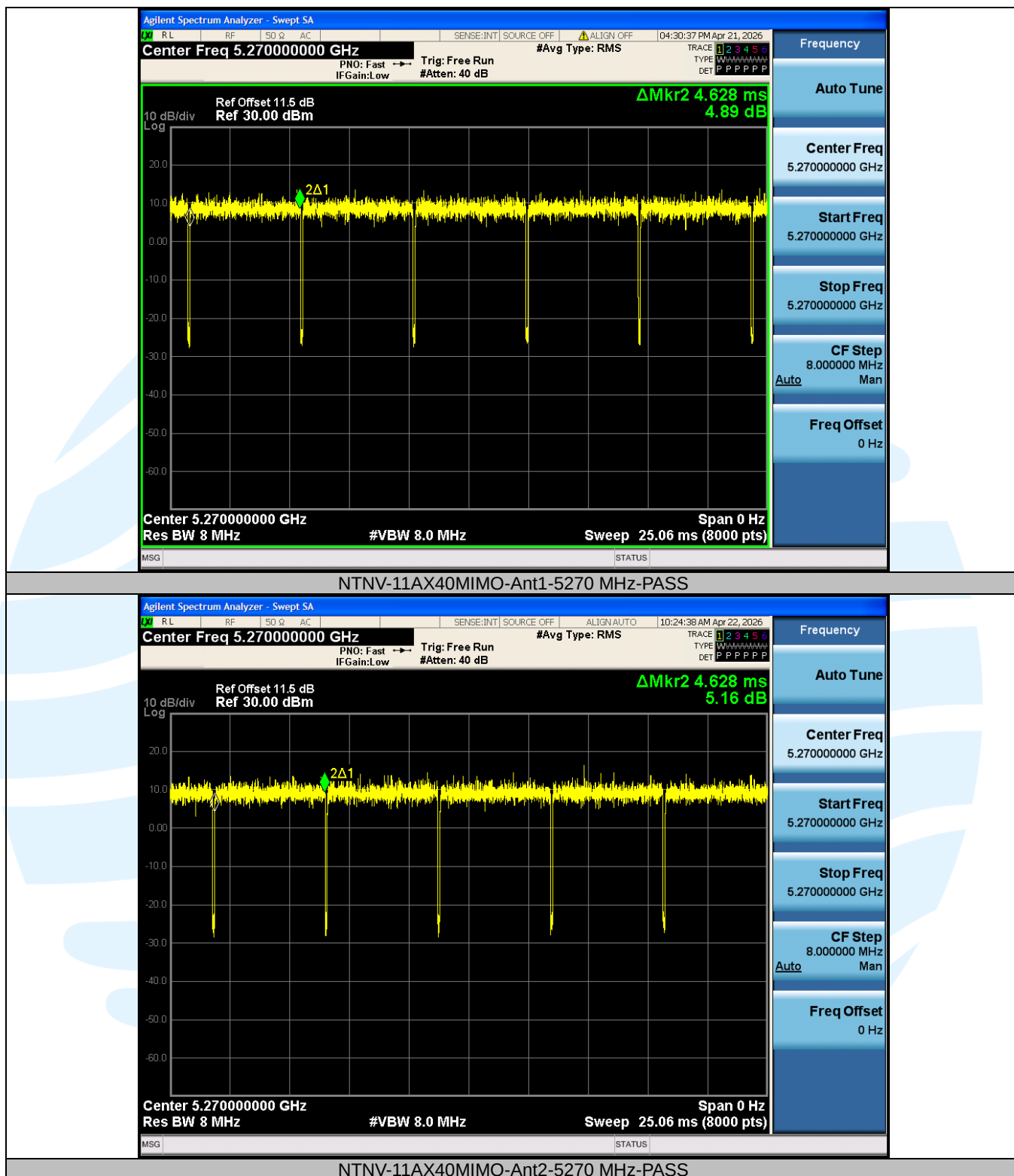
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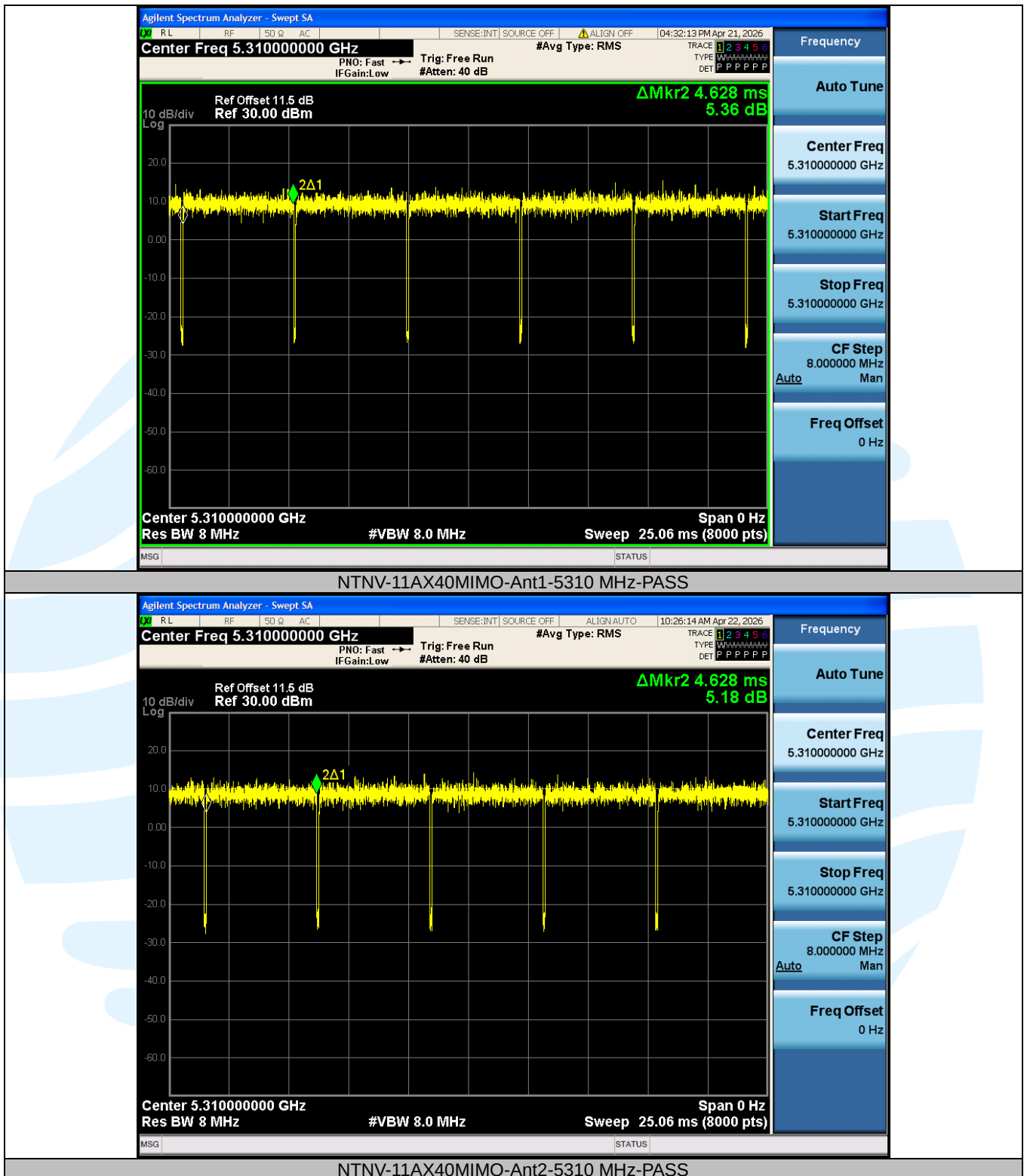
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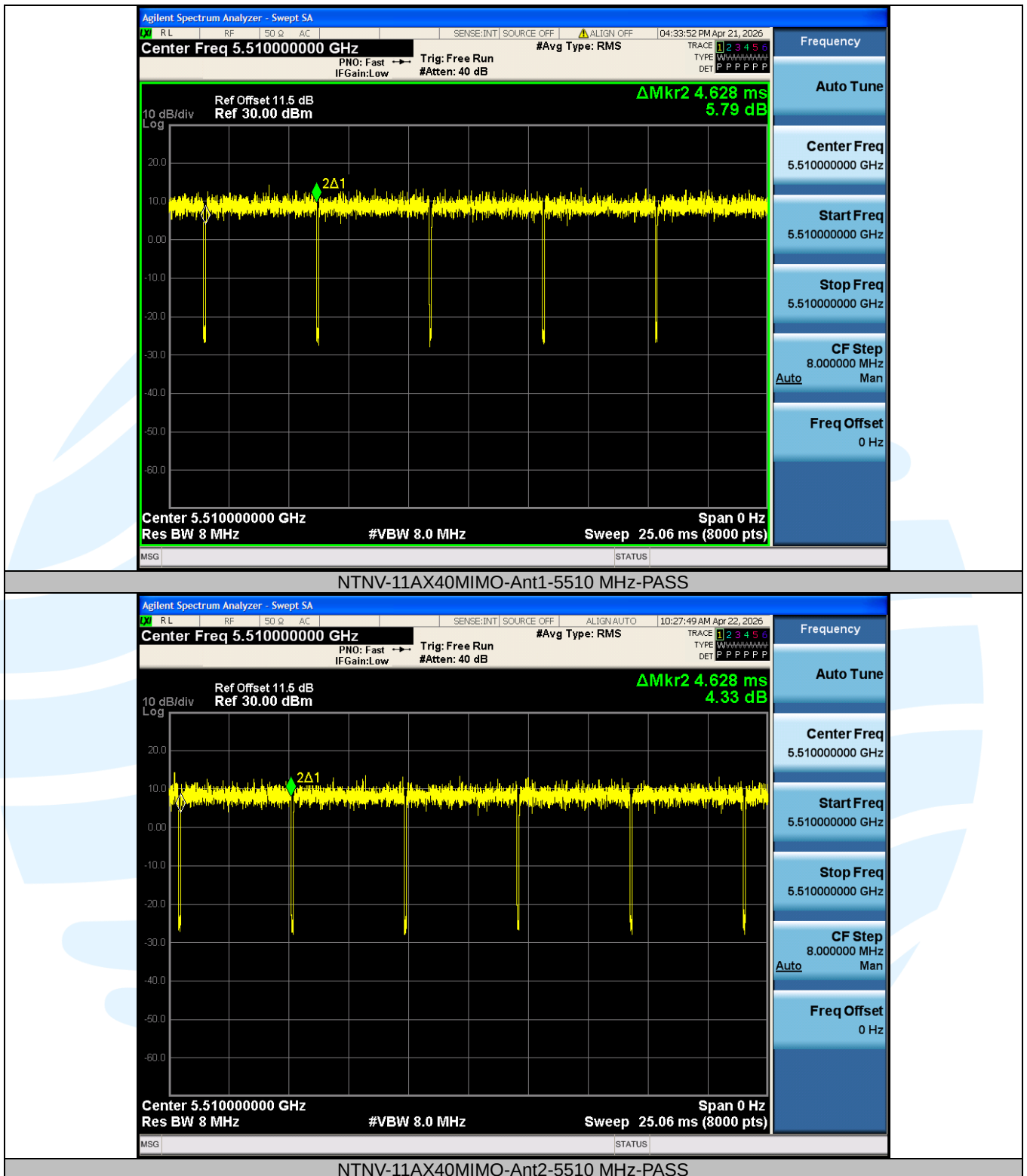
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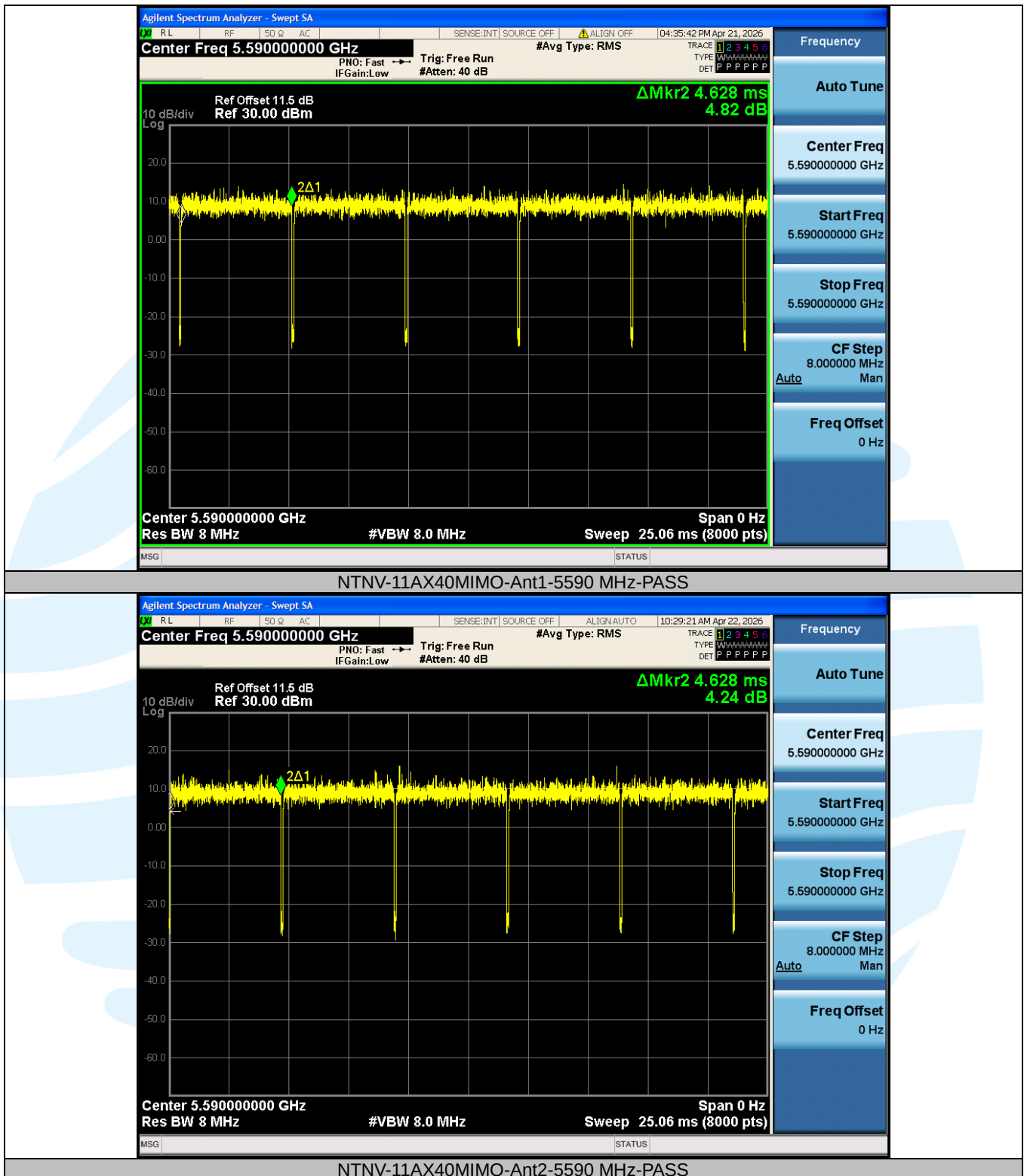
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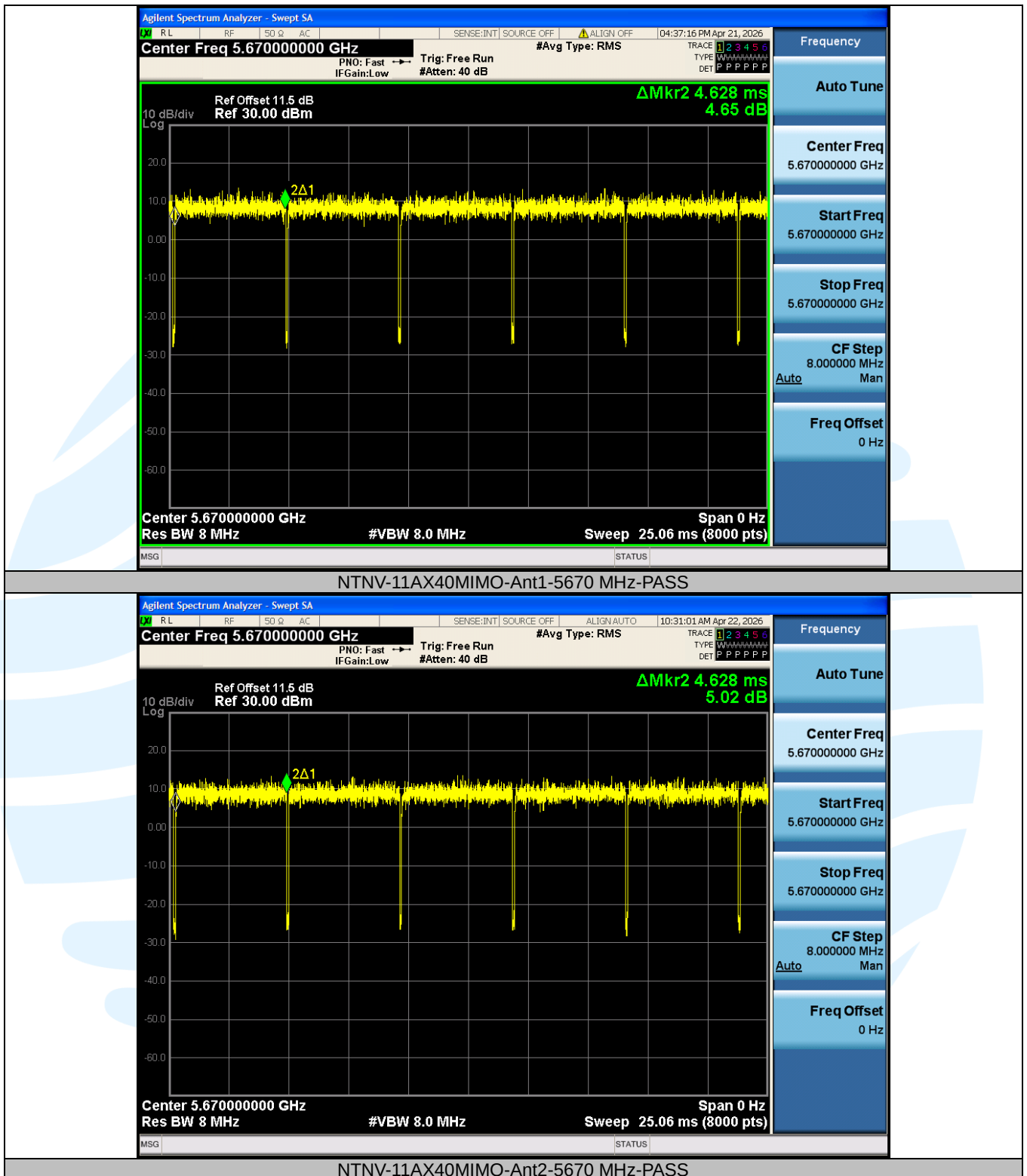
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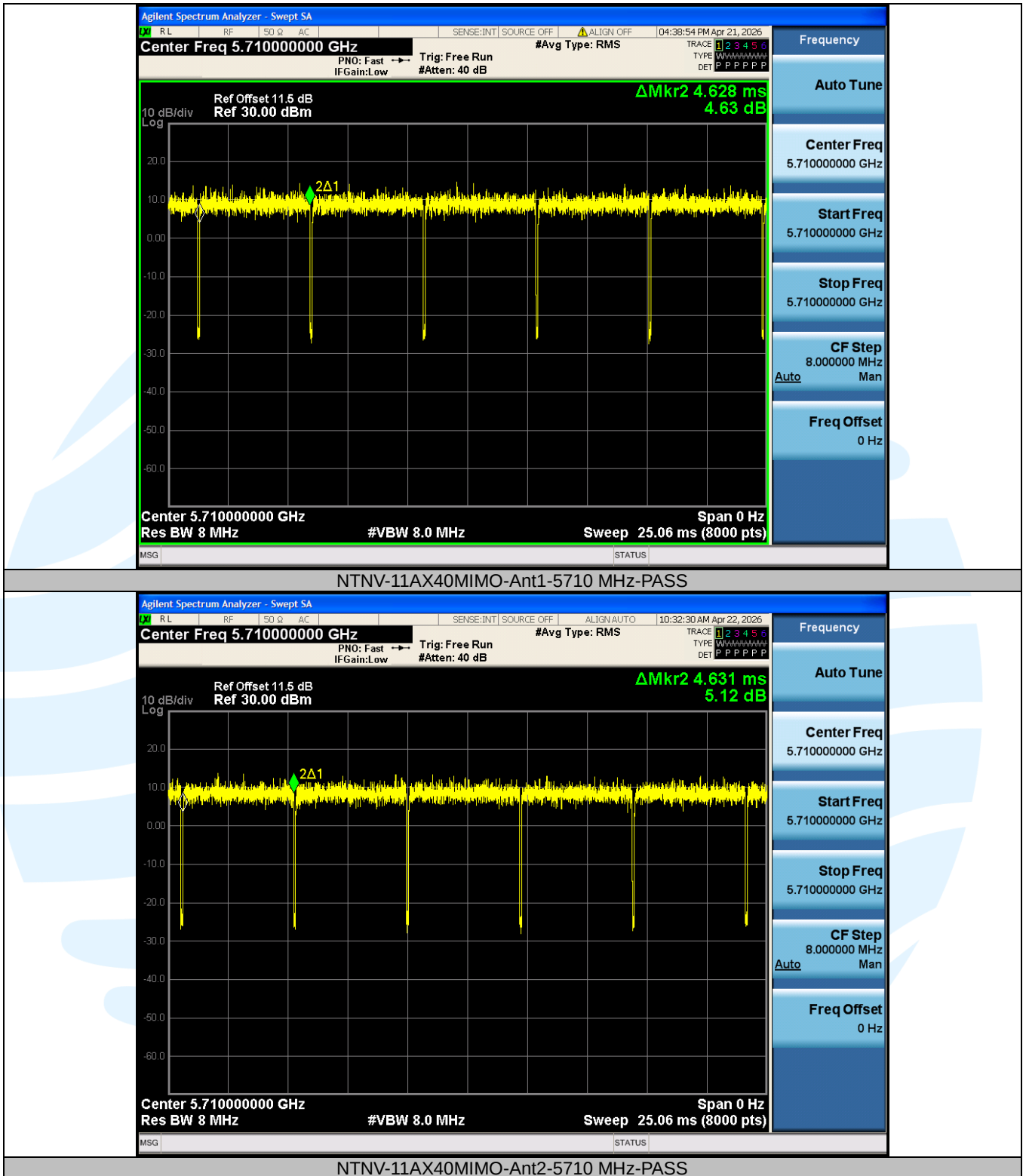
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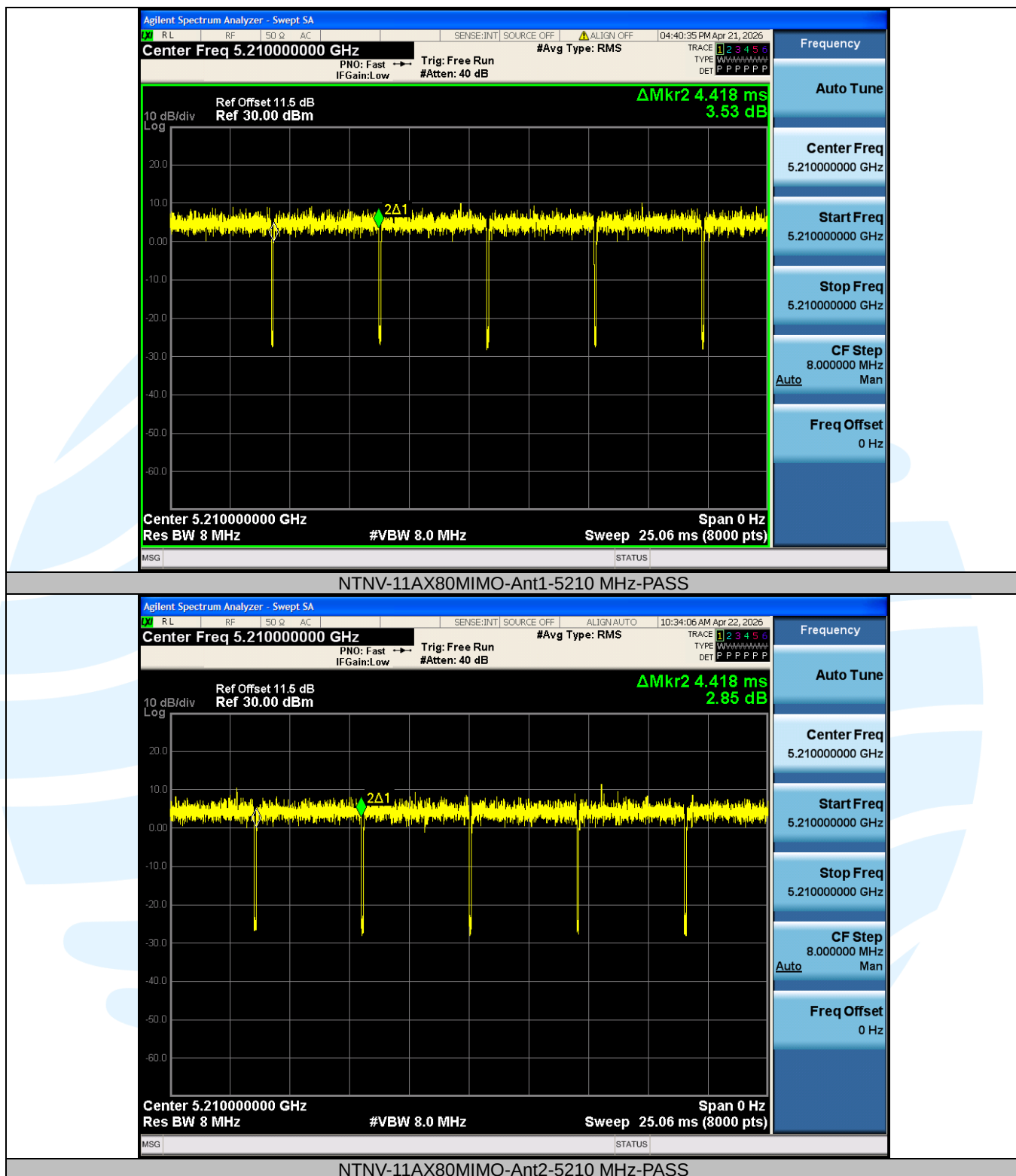
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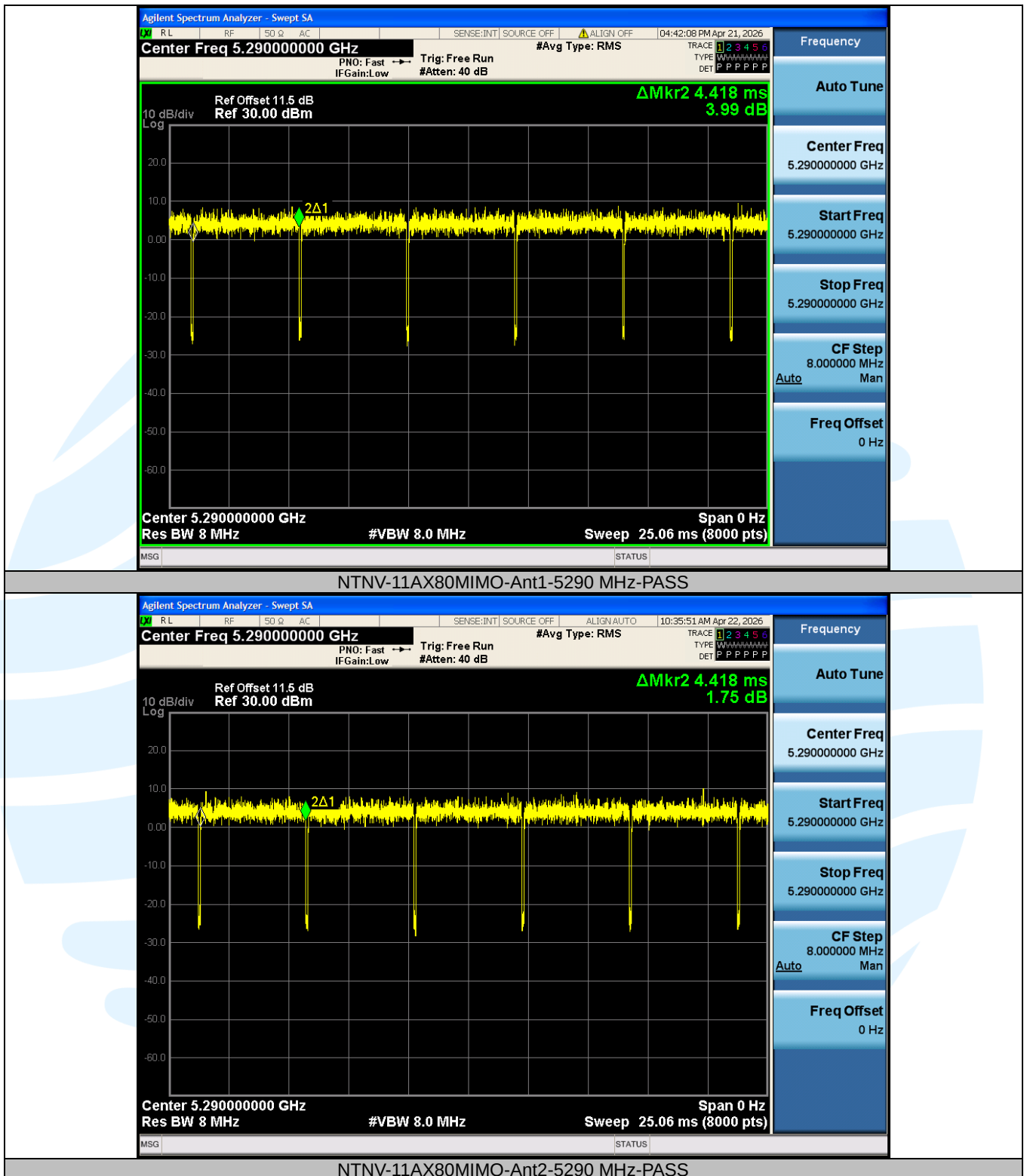
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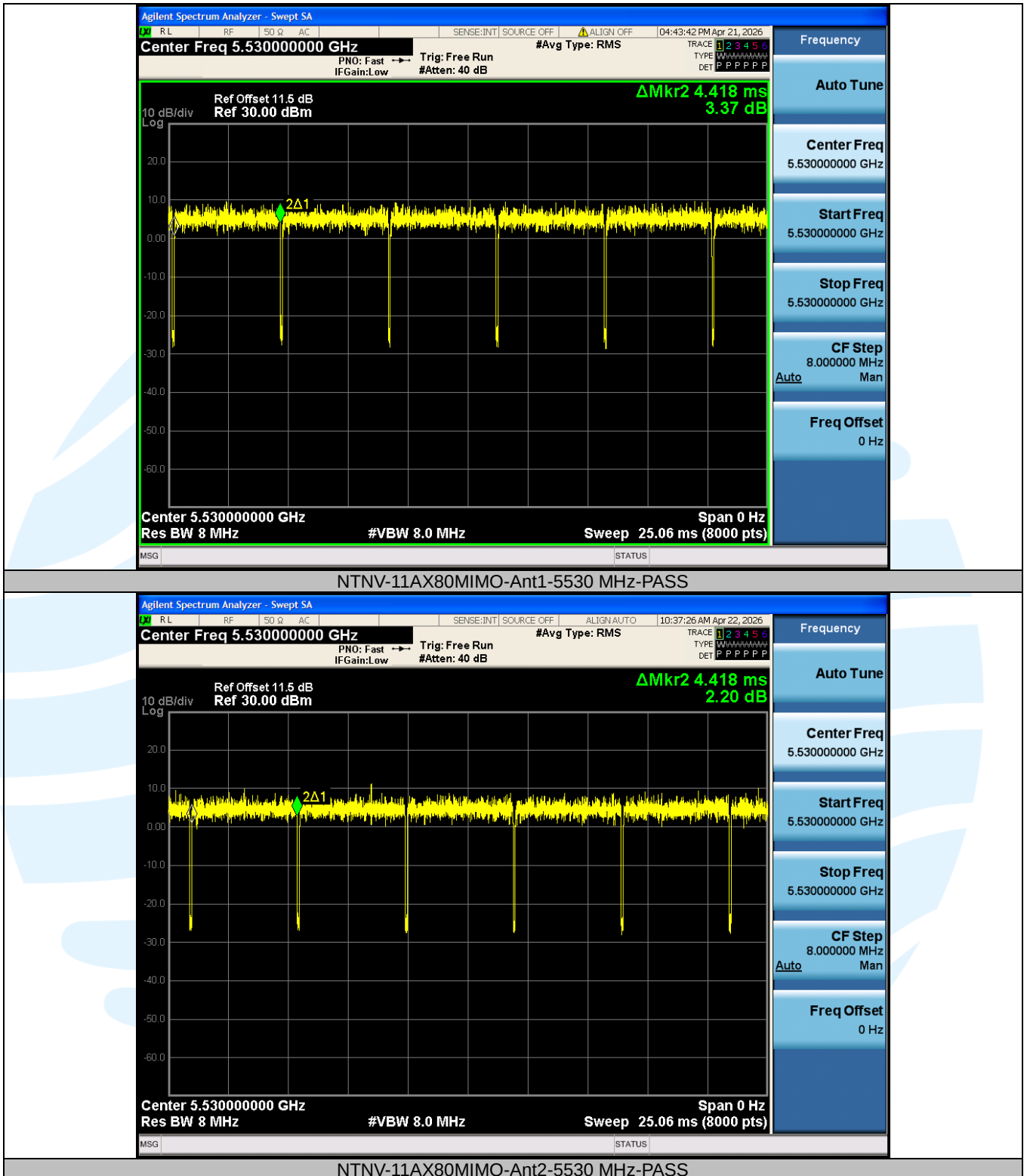
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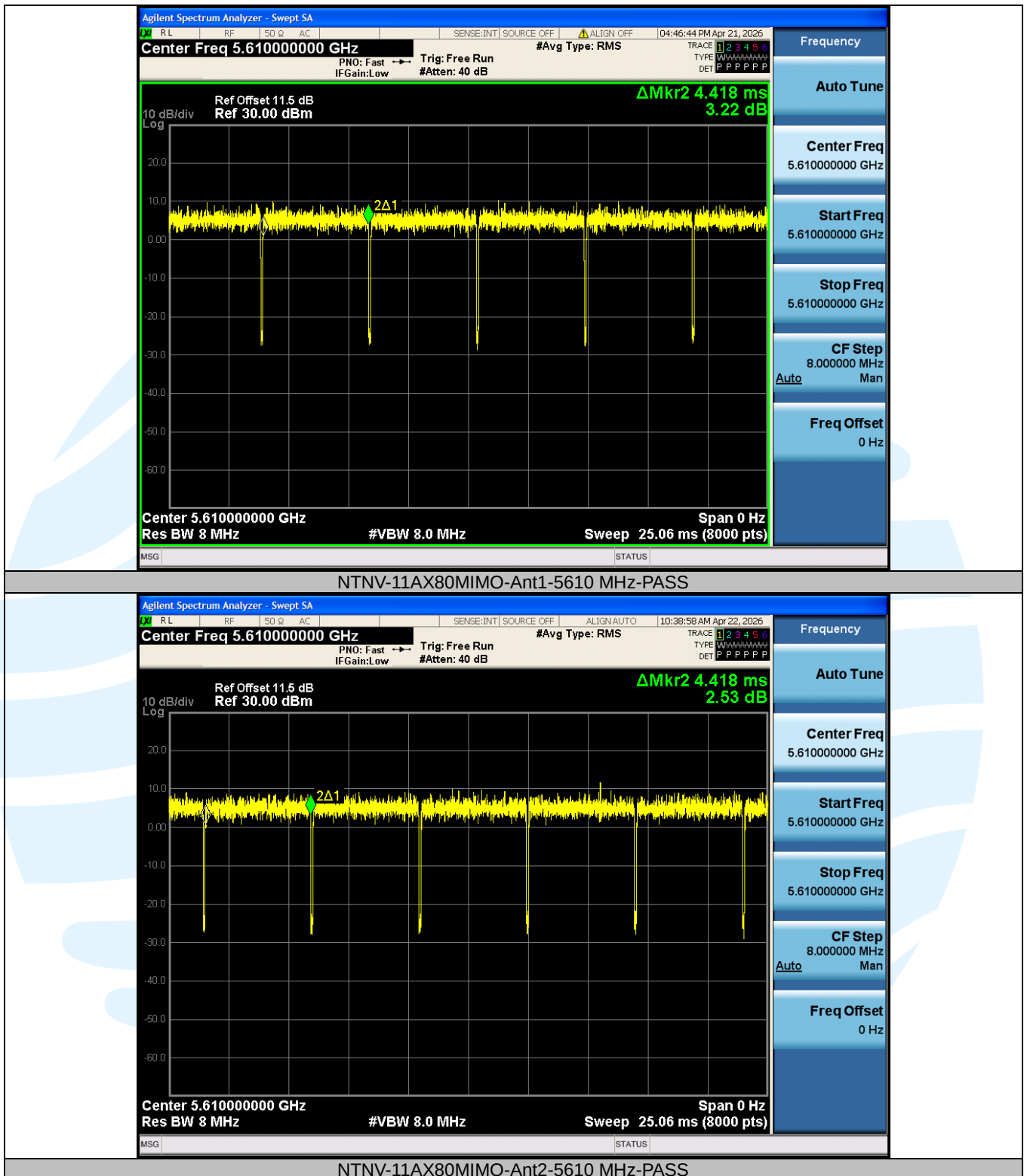
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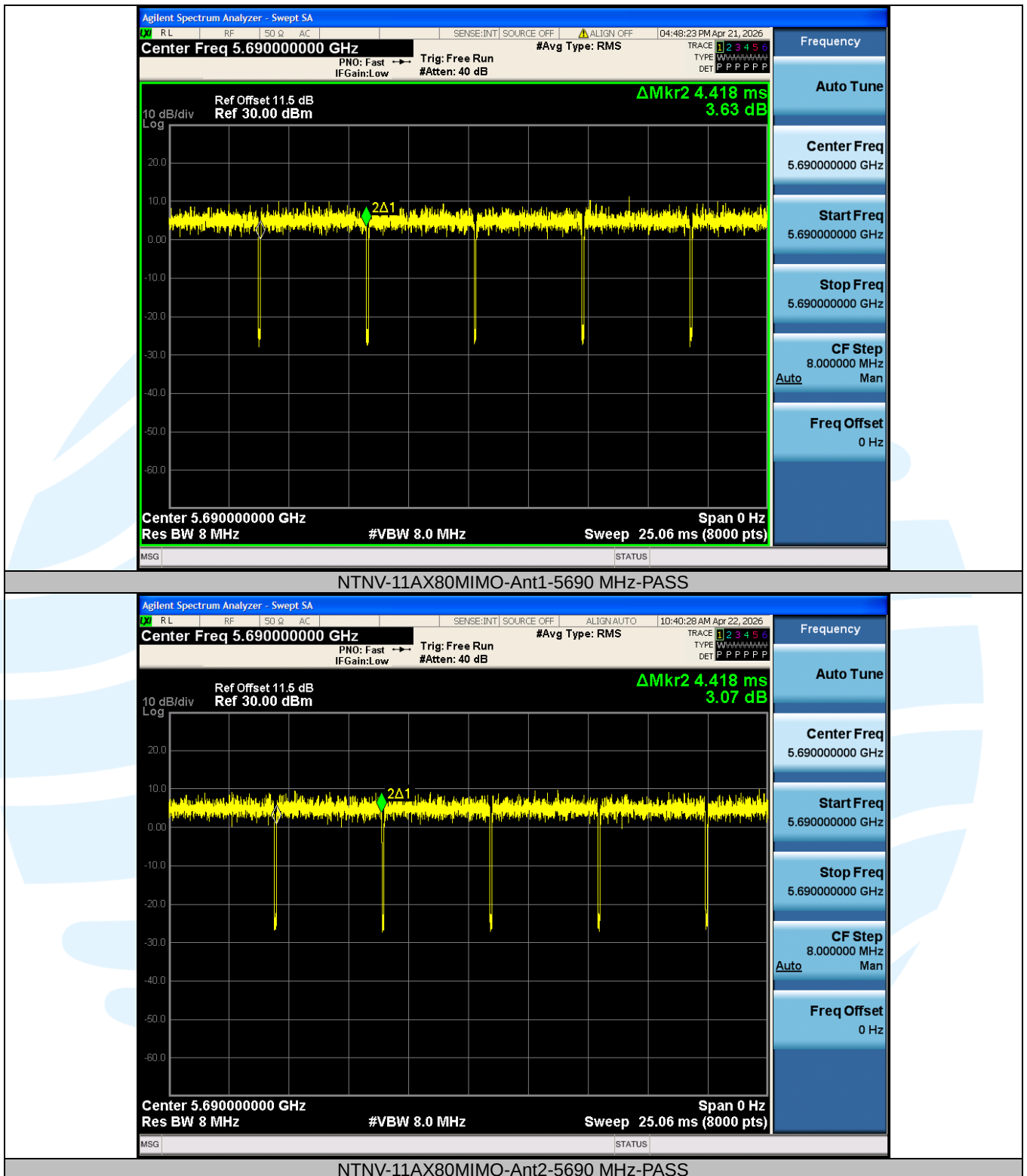
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5.8 OUT-BAND LEAKAGE POWER

5.8.1 Limit

* Attachment 1 (Unwanted Emission Strength)

20MHz system		W52	
OBW : 18MHz or less	OBW : 18 - 20 MHz	40MHz system	80MHz system
5,142 MHz or less : 2.5 μ W/MHz	5,142 MHz or less : 2.5 μ W/MHz	5,141.6 MHz or less : 2.5 μ W/MHz	5,123.2 MHz or less : 2.5 μ W/MHz
5,142 - 5,150 MHz : 15 μ W/MHz	5,142 - 5,150 MHz : 15 μ W/MHz	5,141.6 - 5,150 MHz : 15 μ W/MHz	5,123.2 - 5,150 MHz : 15 μ W/MHz
5,250 - 5,251 MHz : $10^{1-(f-9)/90}$ mW/MHz	5,250 - 5,250.2 MHz : $10^{1-(f-9)/90}$ mW/MHz	5,250 - 5,251 MHz : $10^{-(f-20)/20+log(1/2)}$ mW/MHz	5,250 - 5,251 MHz : $10^{-(f-40)/40+log(1/4)}$ mW/MHz
5,251 - 5,260 MHz : $10^{1-(f-9)/90}$ mW/MHz	5,251 - 5,260 MHz : $10^{1-(f-9)/90}$ mW/MHz	5,251 - 5,270 MHz : $10^{-(f-90)/90}$ mW/MHz	5,251 - 5,290 MHz : $10^{-(f-90)/90}$ mW/MHz
5,260 - 5,266.7 MHz : $10^{1-(f-9)/90}$ mW/MHz	5,260 - 5,266.7 MHz : $10^{1-(f-9)/90}$ mW/MHz	5,270 - 5,278.4 MHz : $10^{-(f-90)/90}$ mW/MHz	5,290 - 5,296.7 MHz : $10^{-(f-90)/90}$ mW/MHz
5,266.7 MHz or more : 2.5 μ W/MHz	5,266.7 MHz or more : 2.5 μ W/MHz	5,278.4 MHz or more : 2.5 μ W/MHz	5,296.7 MHz or more : 2.5 μ W/MHz
f = MHz, Difference from 5240 (MHz)	f = MHz, Difference from 5240 (MHz)	f = MHz, Difference from 5230 (MHz)	f = MHz, Difference from 5210 (MHz)

20MHz system		W53	
OBW : 18MHz or less	OBW : 18 - 20 MHz	40MHz system	80MHz system
5,233.3 MHz or less : 2.5 μ W/MHz	5,233.3 MHz or less : 2.5 μ W/MHz	5,221.6 MHz or less : 2.5 μ W/MHz	5,203.3 MHz or less : 2.5 μ W/MHz
5,233.3 - 5,240 MHz : $10^{1-(f-90)/90}$ mW/MHz	5,233.3 - 5,240 MHz : $10^{1-(f-90)/90}$ mW/MHz	5,221.6 - 5,230 MHz : $10^{-(f-90)/90}$ mW/MHz	5,203.3 - 5,210 MHz : $10^{-(f-80)/80}$ mW/MHz
5,240 - 5,249 MHz : $10^{1-(f-90)/90}$ mW/MHz	5,240 - 5,249 MHz : $10^{1-(f-90)/90}$ mW/MHz	5,230 - 5,249 MHz : $10^{-(f-90)/90}$ mW/MHz	5,210 - 5,249 MHz : $10^{-(f-80)/80}$ mW/MHz
5,249 - 5,250 MHz : $10^{1-(f-9)/90}$ mW/MHz	5,249 - 5,249.8 MHz : $10^{1-(f-9)/90}$ mW/MHz	5,249 - 5,250 MHz : $10^{-(f-20)/20+log(1/2)}$ mW/MHz	5,249 - 5,250 MHz : $10^{-(f-40)/40+log(1/4)}$ mW/MHz
5,350 MHz or more : 2.5 μ W/MHz	5,249.8 - 5,250 MHz : $10^{1-(f-9)/90}$ mW/MHz	5,350 - 5,358.4 MHz : 15 μ W/MHz	5,350 - 5,376.8 MHz : 15 μ W/MHz
f = MHz, Difference from 5260 (MHz)	f = MHz, Difference from 5260 (MHz)	f = MHz, Difference from 5270 (MHz)	f = MHz, Difference from 5290 (MHz)

20MHz system		W56	
DSSS, etc.	OFDM	40MHz system	80MHz system
5,470 MHz or less : 12.5 μ W/MHz	5,460 MHz or less : 2.5 μ W/MHz	5,460 MHz or less : 12.5 μ W/MHz	5,460 MHz or less : 12.5 μ W/MHz
5,730 MHz or more : 12.5 μ W/MHz	5,460 - 5,470 MHz : 12.5 μ W/MHz	5,460 - 5,470 MHz : 50 μ W/MHz	5,460 - 5,469.5 MHz : 50 μ W/MHz
	5,745 - 5,765 MHz : 12.5 μ W/MHz	5,770 MHz or more : 12.5 μ W/MHz	5,469.5 - 5,470 MHz : 51.2 μ W/MHz
	Over 5,765 MHz : 2.5 μ W/MHz		5,770 MHz or more : 12.5 μ W/MHz

W52 + W53	W56
160MHz system	
5,099.6 MHz or less : 2.5 μ W/MHz	5,419.6 MHz or less : 12.5 μ W/MHz
5,099.6 - 5,150 MHz : 15 μ W/MHz	5,419.6 - 5,470 MHz : 50 μ W/MHz
5,350 - 5,400.4 MHz : 15 μ W/MHz	5,725 MHz or more : 12.5 μ W/MHz
5,400.4 MHz or more : 2.5 μ W/MHz	

* A rated value is defined by the E.I.R.P..

* Measurement range: 30MHz to 26GHz

5.21GHz & (5.53GHz, 5.61GHz or 5.69GHz)	5.29GHz & (5.53GHz, 5.61GHz or 5.69GHz)	5.53GHz & 5.69GHz
80MHz + 80MHz system (Not adjacent radio)		
5,134.8 MHz or less : 2.5 μ W/MHz	5,214.8 MHz or less : 2.5 μ W/MHz	5,419.6 MHz or less : 12.5 μ W/MHz
5,134.8 - 5,150 MHz : 162.5 μ W/MHz	5,214.8 - 5,249 MHz : $10^{-(f-90)/90}$ mW/MHz	5,419.6 - 5,470 MHz : 50 μ W/MHz
5,250 - 5,251 MHz : $10^{-(f-40)/40+log(1/8)}$ mW/MHz	5,249 - 5,250 MHz : $10^{-(f-40)/40+log(1/8)}$ mW/MHz	
5,251 - 5,285.2 MHz : $10^{-(f-90)/90}$ mW/MHz	5,350 - 5,365.2 MHz : 15 μ W/MHz	5,770 MHz or more : 15 μ W/MHz
5,285.2 - 5,370 MHz : 2.5 μ W/MHz	5,365.2 - 5,410 MHz : 2.5 μ W/MHz	
5,370 - 5,454.8 MHz : 2.5 μ W/MHz (When used simultaneously with a 5.2GHz band high-power radio station : 12.5 μ W/MHz)	5,410 - 5,454.8 MHz : 2.5 μ W/MHz	
5,454.8 - 5,470 MHz : 15 μ W/MHz (When used simultaneously with a 5.2GHz band high-power radio station : 50 μ W/MHz)	5,454.8 - 5,470 MHz : 15 μ W/MHz	
5,730 MHz or more : 15 μ W/MHz (*When used 5690MHz)	5,730 MHz or more : 15 μ W/MHz (*When used 5690MHz)	
5,770 MHz or more : 15 μ W/MHz	5,770 MHz or more : 15 μ W/MHz	
f = MHz, Difference from 5210 (MHz)	f = MHz, Difference from 5290 (MHz)	

5.8.2 Test Setup

Refer to section 4.5 for details.

5.8.3 Instruments Used

Refer to section 3 for details

5.8.4 Test Procedures

Table No.45 related to Article 2 Clause 1 item 19-3 of Ordinance Concerning Technical Regulations Conformity Certification etc. of Specified Radio Equipment.

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UTTR-RF-STDT71-V1.1

5.8.5 Test Result

Test Mode	Antenna	Channel	FreRang [MHz]	Max.Freq [MHz]	Result [dBm]	Gain [dB]	EIRP [dBm]	Limit [dBm]	EIRP [μW]	Limit [μW]	Verdict
11A	Ant1	5180	5140~5142	5141.96	-35.47	0.86	-34.61	-26.02	0.34594	2.5	PASS
11A	Ant1	5180	5140~5142	5140.91	-35.35	0.86	-34.49	-26.02	0.35563	2.5	PASS
11A	Ant1	5180	5140~5142	5141.82	-35.85	0.86	-34.99	-26.02	0.31696	2.5	PASS
11A	Ant2	5180	5140~5142	5140.98	-35.90	2.35	-33.55	-26.02	0.44157	2.5	PASS
11A	Ant1	5180	5142~5150	5143.27	-35.86	0.86	-35	-18.24	0.31623	15	PASS
11A	Ant1	5180	5142~5150	5148.47	-34.75	0.86	-33.89	-18.24	0.40832	15	PASS
11A	Ant1	5180	5142~5150	5145.75	-34.89	0.86	-34.03	-18.24	0.39537	15	PASS
11A	Ant2	5180	5142~5150	5148.19	-35.77	2.35	-33.42	-18.24	0.45499	15	PASS
11A	Ant1	5180	5250~5251	5250.97	-35.23	0.86	-34.37	-9.70	0.36559	107.15	PASS
11A	Ant1	5180	5250~5251	5250.97	-35.54	0.86	-34.68	-9.70	0.34041	107.15	PASS
11A	Ant1	5180	5250~5251	5250.97	-35.46	0.86	-34.6	-9.70	0.34674	107.15	PASS
11A	Ant2	5180	5250~5251	5250.99	-34.75	2.35	-32.4	-9.90	0.57544	102.33	PASS
11A	Ant1	5180	5251~5260	5259.85	-35.56	0.86	-34.7	-17.87	0.33884	16.34	PASS
11A	Ant1	5180	5251~5260	5259.06	-35.45	0.86	-34.59	-17.16	0.34754	19.21	PASS
11A	Ant1	5180	5251~5260	5258.95	-35.37	0.86	-34.51	-17.07	0.35400	19.65	PASS
11A	Ant2	5180	5251~5260	5258.88	-34.87	2.35	-32.52	-17.00	0.55976	19.93	PASS
11A	Ant1	5180	5260~5266.7	5265.45	-35.25	0.86	-34.39	-24.54	0.36392	3.52	PASS
11A	Ant1	5180	5260~5266.7	5265.74	-35.02	0.86	-34.16	-24.89	0.38371	3.24	PASS
11A	Ant1	5180	5260~5266.7	5266.26	-34.91	0.86	-34.05	-25.51	0.39355	2.81	PASS
11A	Ant2	5180	5260~5266.7	5266.03	-35.03	2.35	-32.68	-25.24	0.53951	3.00	PASS
11A	Ant1	5180	5266.7~5360	5311.17	-33.84	0.86	-32.98	-26.02	0.50350	2.5	PASS
11A	Ant1	5180	5266.7~5360	5336.83	-34.23	0.86	-33.37	-26.02	0.46026	2.5	PASS
11A	Ant1	5180	5266.7~5360	5318.02	-34.18	0.86	-33.32	-26.02	0.46559	2.5	PASS
11A	Ant2	5180	5266.7~5360	5310.86	-34.15	2.35	-31.8	-26.02	0.66069	2.5	PASS
11A	Ant1	5220	5140~5142	5141.95	-35.23	0.86	-34.37	-26.02	0.36559	2.5	PASS
11A	Ant1	5220	5140~5142	5140.39	-35.57	0.86	-34.71	-26.02	0.33806	2.5	PASS
11A	Ant1	5220	5140~5142	5140.31	-35.50	0.86	-34.64	-26.02	0.34356	2.5	PASS
11A	Ant2	5220	5140~5142	5140.23	-35.95	2.35	-33.6	-26.02	0.43652	2.5	PASS
11A	Ant1	5220	5142~5150	5149.15	-35.95	0.86	-35.09	-18.24	0.30974	15	PASS
11A	Ant1	5220	5142~5150	5147.11	-35.65	0.86	-34.79	-18.24	0.33189	15	PASS
11A	Ant1	5220	5142~5150	5143.56	-35.70	0.86	-34.84	-18.24	0.32810	15	PASS
11A	Ant2	5220	5142~5150	5146.17	-35.78	2.35	-33.43	-18.24	0.45394	15	PASS
11A	Ant1	5220	5250~5251	5250.98	-35.25	0.86	-34.39	-9.80	0.36392	104.71	PASS
11A	Ant1	5220	5250~5251	5250.97	-34.83	0.86	-33.97	-9.70	0.40087	107.15	PASS
11A	Ant1	5220	5250~5251	5250.79	-34.79	0.86	-33.93	-7.90	0.40458	162.18	PASS
11A	Ant2	5220	5250~5251	5250.88	-35.27	2.35	-32.92	-8.80	0.51050	131.83	PASS
11A	Ant1	5220	5251~5260	5259.75	-34.99	0.86	-34.13	-17.78	0.38637	16.68	PASS
11A	Ant1	5220	5251~5260	5259.36	-34.94	0.86	-34.08	-17.43	0.39084	18.07	PASS
11A	Ant1	5220	5251~5260	5258.71	-34.52	0.86	-33.66	-16.85	0.43053	20.64	PASS
11A	Ant2	5220	5251~5260	5259.69	-35.19	2.35	-32.84	-17.72	0.52000	16.89	PASS
11A	Ant1	5220	5260~5266.7	5266.05	-35.21	0.86	-34.35	-25.26	0.36728	2.98	PASS
11A	Ant1	5220	5260~5266.7	5266.44	-35.07	0.86	-34.21	-25.73	0.37931	2.67	PASS
11A	Ant1	5220	5260~5266.7	5266.55	-35.27	0.86	-34.41	-25.86	0.36224	2.59	PASS
11A	Ant2	5220	5260~5266.7	5266.53	-35.26	2.35	-32.91	-25.84	0.51168	2.61	PASS
11A	Ant1	5220	5266.7~5360	5319.57	-34.46	0.86	-33.6	-26.02	0.43652	2.5	PASS
11A	Ant1	5220	5266.7~5360	5319.73	-34.12	0.86	-33.26	-26.02	0.47206	2.5	PASS
11A	Ant1	5220	5266.7~5360	5358.45	-33.47	0.86	-32.61	-26.02	0.54828	2.5	PASS
11A	Ant2	5220	5266.7~5360	5341.18	-34.18	2.35	-31.83	-26.02	0.65615	2.5	PASS
11A	Ant1	5240	5140~5142	5141.95	-35.99	0.86	-35.13	-26.02	0.30690	2.5	PASS
11A	Ant1	5240	5140~5142	5140.50	-35.72	0.86	-34.86	-26.02	0.32659	2.5	PASS
11A	Ant1	5240	5140~5142	5140.24	-35.45	0.86	-34.59	-26.02	0.34754	2.5	PASS
11A	Ant2	5240	5140~5142	5141.36	-35.83	2.35	-33.48	-26.02	0.44875	2.5	PASS
11A	Ant1	5240	5142~5150	5145.17	-35.86	0.86	-35	-18.24	0.31623	15	PASS
11A	Ant1	5240	5142~5150	5144.55	-35.46	0.86	-34.6	-18.24	0.34674	15	PASS
11A	Ant1	5240	5142~5150	5145.84	-35.46	0.86	-34.6	-18.24	0.34674	15	PASS
11A	Ant2	5240	5142~5150	5142.05	-35.63	2.35	-33.28	-18.24	0.46989	15	PASS
11A	Ant1	5240	5250~5251	5250.24	-14.82	0.86	-13.96	-2.40	40.17908	575.44	PASS
11A	Ant1	5240	5250~5251	5250.17	-13.71	0.86	-12.85	-1.70	51.88000	676.08	PASS
11A	Ant1	5240	5250~5251	5250.40	-14.56	0.86	-13.7	-4.00	42.65795	398.11	PASS
11A	Ant2	5240	5250~5251	5250.31	-17.76	2.35	-15.41	-3.10	28.77398	489.78	PASS
11A	Ant1	5240	5251~5260	5251.20	-23.38	0.86	-22.52	-10.18	5.59758	95.99	PASS
11A	Ant1	5240	5251~5260	5251.02	-21.64	0.86	-20.78	-10.02	8.35603	99.59	PASS
11A	Ant1	5240	5251~5260	5251.02	-23.68	0.86	-22.82	-10.02	5.22396	99.59	PASS
11A	Ant2	5240	5251~5260	5251.05	-23.57	2.35	-21.22	-10.04	7.55092	98.98	PASS
11A	Ant1	5240	5260~5266.7	5266.16	-35.03	0.86	-34.17	-25.39	0.38282	2.89	PASS
11A	Ant1	5240	5260~5266.7	5266.66	-35.13	0.86	-34.27	-25.99	0.37411	2.52	PASS
11A	Ant1	5240	5260~5266.7	5265.10	-34.93	0.86	-34.07	-24.12	0.39174	3.87	PASS
11A	Ant2	5240	5260~5266.7	5263.89	-34.63	2.35	-32.28	-22.67	0.59156	5.41	PASS

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Test Mode	Antenna	Channel	FreRang [MHz]	Max.Freq [MHz]	Result [dBm]	Gain [dB]	EIRP [dBm]	Limit [dBm]	EIRP [μW]	Limit [μW]	Verdict
11A	Ant1	5240	5266.7~5360	5346.01	-34.16	0.86	-33.3	-26.02	0.46774	2.5	PASS
11A	Ant1	5240	5266.7~5360	5358.45	-33.87	0.86	-33.01	-26.02	0.50003	2.5	PASS
11A	Ant1	5240	5266.7~5360	5351.29	-33.90	0.86	-33.04	-26.02	0.49659	2.5	PASS
11A	Ant2	5240	5266.7~5360	5357.20	-33.80	2.35	-31.45	-26.02	0.71614	2.5	PASS
11A	Ant1	5260	5140~5233.3	5202.82	-34.97	0.56	-34.41	-26.02	0.36224	2.5	PASS
11A	Ant2	5260	5140~5233.3	5152.91	-35.46	1.85	-33.61	-26.02	0.43551	2.5	PASS
11A	Ant1	5260	5233.3~5240	5233.39	-35.04	0.56	-34.48	-25.93	0.35645	2.55	PASS
11A	Ant2	5260	5233.3~5240	5233.79	-35.07	1.85	-33.22	-25.45	0.47643	2.85	PASS
11A	Ant1	5260	5240~5249	5248.97	-25.26	0.56	-24.7	-10.03	3.38844	99.39	PASS
11A	Ant2	5260	5240~5249	5248.88	-25.12	1.85	-23.27	-10.11	4.70977	97.57	PASS
11A	Ant1	5260	5249~5250	5249.66	-17.46	0.56	-16.9	-3.40	20.41738	457.09	PASS
11A	Ant2	5260	5249~5250	5249.62	-15.45	1.85	-13.6	-3.80	43.65158	416.87	PASS
11A	Ant1	5260	5350~5360	5354.72	-33.69	0.56	-33.13	-26.02	0.48641	2.5	PASS
11A	Ant2	5260	5350~5360	5354.10	-34.39	1.85	-32.54	-26.02	0.55719	2.5	PASS
11A	Ant1	5300	5140~5233.3	5221.33	-35.30	0.56	-34.74	-26.02	0.33574	2.5	PASS
11A	Ant2	5300	5140~5233.3	5151.66	-35.51	1.85	-33.66	-26.02	0.43053	2.5	PASS
11A	Ant1	5300	5233.3~5240	5234.27	-35.43	0.56	-34.87	-24.88	0.32584	3.25	PASS
11A	Ant2	5300	5233.3~5240	5233.70	-35.45	1.85	-33.6	-25.56	0.43652	2.78	PASS
11A	Ant1	5300	5240~5249	5240.09	-34.81	0.56	-34.25	-17.92	0.37584	16.14	PASS
11A	Ant2	5300	5240~5249	5240.29	-35.53	1.85	-33.68	-17.74	0.42855	16.82	PASS
11A	Ant1	5300	5249~5250	5249.11	-35.19	0.56	-34.63	-8.90	0.34435	128.82	PASS
11A	Ant2	5300	5249~5250	5249.03	-35.03	1.85	-33.18	-9.70	0.48084	107.15	PASS
11A	Ant1	5300	5350~5360	5352.88	-33.99	0.56	-33.43	-26.02	0.45394	2.5	PASS
11A	Ant2	5300	5350~5360	5357.13	-33.87	1.85	-32.02	-26.02	0.62806	2.5	PASS
11A	Ant1	5320	5140~5233.3	5194.74	-35.16	0.56	-34.6	-26.02	0.34674	2.5	PASS
11A	Ant2	5320	5140~5233.3	5223.35	-35.58	1.85	-33.73	-26.02	0.42364	2.5	PASS
11A	Ant1	5320	5233.3~5240	5234.00	-34.68	0.56	-34.12	-25.20	0.38726	3.02	PASS
11A	Ant2	5320	5233.3~5240	5234.42	-35.19	1.85	-33.34	-24.70	0.46345	3.39	PASS
11A	Ant1	5320	5240~5249	5241.26	-34.89	0.56	-34.33	-16.88	0.36898	20.51	PASS
11A	Ant2	5320	5240~5249	5240.06	-35.23	1.85	-33.38	-17.95	0.45920	16.04	PASS
11A	Ant1	5320	5249~5250	5249.12	-35.03	0.56	-34.47	-8.80	0.35727	131.83	PASS
11A	Ant2	5320	5249~5250	5249.05	-35.28	1.85	-33.43	-9.50	0.45394	112.20	PASS
11A	Ant1	5320	5350~5360	5350.65	-34.07	0.56	-33.51	-26.02	0.44566	2.5	PASS
11A	Ant2	5320	5350~5360	5350.92	-33.78	1.85	-31.93	-26.02	0.64121	2.5	PASS
11A	Ant1	5500	5455~5460	5459.28	-34.30	1.89	-32.41	-26.02	0.57412	2.5	PASS
11A	Ant2	5500	5455~5460	5457.99	-33.79	1.63	-32.16	-26.02	0.60814	2.5	PASS
11A	Ant1	5500	5460~5470	5461.35	-34.44	1.89	-32.55	-19.03	0.55590	12.5	PASS
11A	Ant2	5500	5460~5470	5463.40	-34.55	1.63	-32.92	-19.03	0.51050	12.5	PASS
11A	Ant1	5500	5745~5765	5750.70	-33.51	1.89	-31.62	-19.03	0.68865	12.5	PASS
11A	Ant2	5500	5745~5765	5764.20	-34.54	1.63	-32.91	-19.03	0.51168	12.5	PASS
11A	Ant1	5500	5765~5780	5779.25	-33.95	1.89	-32.06	-26.02	0.62230	2.5	PASS
11A	Ant2	5500	5765~5780	5766.00	-34.04	1.63	-32.41	-26.02	0.57412	2.5	PASS
11A	Ant1	5600	5455~5460	5455.24	-34.50	1.89	-32.61	-26.02	0.54828	2.5	PASS
11A	Ant2	5600	5455~5460	5459.03	-34.51	1.63	-32.88	-26.02	0.51523	2.5	PASS
11A	Ant1	5600	5460~5470	5469.60	-34.36	1.89	-32.47	-19.03	0.56624	12.5	PASS
11A	Ant2	5600	5460~5470	5463.60	-34.65	1.63	-33.02	-19.03	0.49888	12.5	PASS
11A	Ant1	5600	5745~5765	5749.57	-34.40	1.89	-32.51	-19.03	0.56105	12.5	PASS
11A	Ant2	5600	5745~5765	5760.00	-34.36	1.63	-32.73	-19.03	0.53333	12.5	PASS
11A	Ant1	5600	5765~5780	5770.95	-34.27	1.89	-32.38	-26.02	0.57810	2.5	PASS
11A	Ant2	5600	5765~5780	5768.08	-33.74	1.63	-32.11	-26.02	0.61518	2.5	PASS
11A	Ant1	5700	5455~5460	5458.58	-34.24	1.89	-32.35	-26.02	0.58210	2.5	PASS
11A	Ant2	5700	5455~5460	5458.88	-34.61	1.63	-32.98	-26.02	0.50350	2.5	PASS
11A	Ant1	5700	5460~5470	5463.38	-34.60	1.89	-32.71	-19.03	0.53580	12.5	PASS
11A	Ant2	5700	5460~5470	5463.73	-34.32	1.63	-32.69	-19.03	0.53827	12.5	PASS
11A	Ant1	5700	5745~5765	5762.20	-33.87	1.89	-31.98	-19.03	0.63387	12.5	PASS
11A	Ant2	5700	5745~5765	5760.80	-34.25	1.63	-32.62	-19.03	0.54702	12.5	PASS
11A	Ant1	5700	5765~5780	5776.18	-33.99	1.89	-32.1	-26.02	0.61660	2.5	PASS
11A	Ant2	5700	5765~5780	5774.80	-34.20	1.63	-32.57	-26.02	0.55335	2.5	PASS
11A	Ant1	5720	5455~5460	5458.65	-34.07	1.89	-32.18	-26.02	0.60534	2.5	PASS
11A	Ant2	5720	5455~5460	5455.88	-33.90	1.63	-32.27	-26.02	0.59293	2.5	PASS
11A	Ant1	5720	5460~5470	5467.55	-34.31	1.89	-32.42	-19.03	0.57280	12.5	PASS
11A	Ant2	5720	5460~5470	5465.45	-34.27	1.63	-32.64	-19.03	0.54450	12.5	PASS
11A	Ant1	5720	5745~5765	5749.03	-33.99	1.89	-32.1	-19.03	0.61660	12.5	PASS
11A	Ant2	5720	5745~5765	5745.90	-34.36	1.63	-32.73	-19.03	0.53333	12.5	PASS
11A	Ant1	5720	5765~5780	5776.13	-34.05	1.89	-32.16	-26.02	0.60814	2.5	PASS
11A	Ant2	5720	5765~5780	5769.73	-34.30	1.63	-32.67	-26.02	0.54075	2.5	PASS
11N20MIMO	Ant1	5180	5140~5142	5140.88	-35.80	0.86	-34.94	-26.02	0.32063	2.5	PASS
11N20MIMO	Ant2	5180	5140~5142	5140.28	-44.81	2.35	-42.46	-26.02	0.05675	2.5	PASS
11N20MIMO	total	5180	5140~5142	---	---	---	-34.23	-26.02	0.37738	2.5	PASS
11N20MIMO	Ant1	5180	5142~5150	5146.93	-35.56	0.86	-34.7	-18.24	0.33884	15	PASS
11N20MIMO	Ant2	5180	5142~5150	5149.93	-44.97	2.35	-42.62	-18.24	0.05470	15	PASS

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UTTR-RF-STD71-V1.1

Test Mode	Antenna	Channel	FreRang [MHz]	Max.Freq [MHz]	Result [dBm]	Gain [dB]	EIRP [dBm]	Limit [dBm]	EIRP [μW]	Limit [μW]	Verdict
11N20MIMO	total	5180	5142-5150	---	---	---	-34.05	-18.24	0.39354	15	PASS
11N20MIMO	Ant1	5180	5250-5251	5250.74	-34.78	0.86	-33.92	-7.40	0.40551	181.97	PASS
11N20MIMO	Ant2	5180	5250-5251	5250.97	-45.17	2.35	-42.82	-9.70	0.05224	107.15	PASS
11N20MIMO	total	5180	5250-5251	---	---	---	-33.39	-9.70	0.45775	107.15	PASS
11N20MIMO	Ant1	5180	5251-5260	5259.78	-35.43	0.86	-34.57	-17.80	0.34914	16.58	PASS
11N20MIMO	total	5180	5251-5260	---	---	---	-33.88	-17.80	0.40940	16.58	PASS
11N20MIMO	Ant2	5180	5251-5260	5258.25	-44.55	2.35	-42.2	-16.44	0.06026	22.68	PASS
11N20MIMO	Ant1	5180	5260-5266.7	5266.64	-35.10	0.86	-34.24	-25.97	0.37670	2.53	PASS
11N20MIMO	total	5180	5260-5266.7	---	---	---	-33.64	-25.97	0.43204	2.53	PASS
11N20MIMO	Ant2	5180	5260-5266.7	5265.81	-44.92	2.35	-42.57	-24.97	0.05534	3.18	PASS
11N20MIMO	Ant1	5180	5266.7-5360	5296.87	-34.06	0.86	-33.2	-26.02	0.47863	2.5	PASS
11N20MIMO	total	5180	5266.7-5360	---	---	---	-32.55	-26.02	0.55643	2.5	PASS
11N20MIMO	Ant2	5180	5266.7-5360	5315.68	-43.44	2.35	-41.09	-26.02	0.07780	2.5	PASS
11N20MIMO	Ant1	5220	5140-5142	5141.00	-35.41	0.86	-34.55	-26.02	0.35075	2.5	PASS
11N20MIMO	Ant2	5220	5140-5142	5141.18	-45.18	2.35	-42.83	-26.02	0.05212	2.5	PASS
11N20MIMO	total	5220	5140-5142	---	---	---	-33.95	-26.02	0.40287	2.5	PASS
11N20MIMO	Ant1	5220	5142-5150	5148.60	-35.56	0.86	-34.7	-18.24	0.33884	15	PASS
11N20MIMO	Ant2	5220	5142-5150	5143.55	-45.34	2.35	-42.99	-18.24	0.05023	15	PASS
11N20MIMO	total	5220	5142-5150	---	---	---	-34.10	-18.24	0.38907	15	PASS
11N20MIMO	Ant1	5220	5250-5251	5250.96	-35.18	0.86	-34.32	-9.60	0.36983	109.65	PASS
11N20MIMO	Ant2	5220	5250-5251	5250.58	-44.48	2.35	-42.13	-5.80	0.06124	263.03	PASS
11N20MIMO	total	5220	5250-5251	---	---	---	-33.65	-9.60	0.43107	109.65	PASS
11N20MIMO	Ant1	5220	5251-5260	5259.13	-34.96	0.86	-34.1	-17.23	0.38905	18.94	PASS
11N20MIMO	Ant2	5220	5251-5260	5257.98	-44.44	2.35	-42.09	-16.20	0.06180	23.96	PASS
11N20MIMO	total	5220	5251-5260	---	---	---	-33.46	-17.23	0.45085	18.94	PASS
11N20MIMO	Ant1	5220	5260-5266.7	5264.76	-35.15	0.86	-34.29	-23.71	0.37239	4.25	PASS
11N20MIMO	Ant2	5220	5260-5266.7	5266.24	-44.57	2.35	-42.22	-25.49	0.05998	2.83	PASS
11N20MIMO	total	5220	5260-5266.7	---	---	---	-33.64	-25.49	0.43237	2.83	PASS
11N20MIMO	Ant1	5220	5266.7-5360	5327.81	-33.85	0.86	-32.99	-26.02	0.50234	2.5	PASS
11N20MIMO	Ant2	5220	5266.7-5360	5325.32	-43.89	2.35	-41.54	-26.02	0.07015	2.5	PASS
11N20MIMO	total	5220	5266.7-5360	---	---	---	-32.42	-26.02	0.57249	2.5	PASS
11N20MIMO	Ant1	5240	5140-5142	5140.82	-35.41	0.86	-34.55	-26.02	0.35075	2.5	PASS
11N20MIMO	Ant2	5240	5140-5142	5141.44	-44.99	2.35	-42.64	-26.02	0.05445	2.5	PASS
11N20MIMO	total	5240	5140-5142	---	---	---	-33.92	-26.02	0.40520	2.5	PASS
11N20MIMO	Ant1	5240	5142-5150	5142.19	-35.94	0.86	-35.08	-18.24	0.31046	15	PASS
11N20MIMO	Ant2	5240	5142-5150	5147.84	-45.23	2.35	-42.88	-18.24	0.05152	15	PASS
11N20MIMO	total	5240	5142-5150	---	---	---	-34.41	-18.24	0.36198	15	PASS
11N20MIMO	Ant1	5240	5250-5251	5250.05	-10.15	0.86	-9.29	-0.50	117.76060	891.25	PASS
11N20MIMO	Ant2	5240	5250-5251	5250.06	-12.17	2.35	-9.82	-0.60	104.23174	870.96	PASS
11N20MIMO	total	5240	5250-5251	---	---	---	-6.54	-0.60	221.99234	870.96	PASS
11N20MIMO	Ant1	5240	5251-5260	5251.18	-24.76	0.86	-23.9	-10.16	4.07380	96.38	PASS
11N20MIMO	Ant2	5240	5251-5260	5251.08	-23.01	2.35	-20.66	-10.07	8.59014	98.38	PASS
11N20MIMO	total	5240	5251-5260	---	---	---	-18.97	-10.16	12.66394	96.38	PASS
11N20MIMO	Ant1	5240	5260-5266.7	5266.30	-35.16	0.86	-34.3	-25.56	0.37154	2.78	PASS
11N20MIMO	Ant2	5240	5260-5266.7	5262.53	-40.03	2.35	-37.68	-21.04	0.17061	7.88	PASS
11N20MIMO	total	5240	5260-5266.7	---	---	---	-32.66	-25.56	0.54215	2.78	PASS
11N20MIMO	Ant1	5240	5266.7-5360	5289.09	-33.49	0.86	-32.63	-26.02	0.54576	2.5	PASS
11N20MIMO	Ant2	5240	5266.7-5360	5302.15	-44.05	2.35	-41.7	-26.02	0.06761	2.5	PASS
11N20MIMO	total	5240	5266.7-5360	---	---	---	-32.12	-26.02	0.61337	2.5	PASS
11N20MIMO	Ant1	5260	5140-5233.3	5161.30	-35.24	0.56	-34.68	-26.02	0.34041	2.5	PASS
11N20MIMO	Ant2	5260	5140-5233.3	5228.48	-44.83	1.85	-42.98	-26.02	0.05035	2.5	PASS
11N20MIMO	total	5260	5140-5233.3	---	---	---	-34.08	-26.02	0.39076	2.5	PASS
11N20MIMO	Ant1	5260	5233.3-5240	5233.95	-35.00	0.56	-34.44	-25.26	0.35975	2.98	PASS
11N20MIMO	Ant2	5260	5233.3-5240	5237.68	-43.92	1.85	-42.07	-20.78	0.06209	8.35	PASS
11N20MIMO	total	5260	5233.3-5240	---	---	---	-33.75	-25.26	0.42184	2.98	PASS
11N20MIMO	Ant1	5260	5240-5249	5248.88	-25.01	0.56	-24.45	-10.11	3.58922	97.57	PASS
11N20MIMO	Ant2	5260	5240-5249	5248.90	-24.11	1.85	-22.26	-10.09	5.94292	97.97	PASS
11N20MIMO	total	5260	5240-5249	---	---	---	-20.21	-10.11	9.53214	97.57	PASS
11N20MIMO	Ant1	5260	5249-5250	5249.89	-13.18	0.56	-12.62	-1.10	54.70160	776.25	PASS
11N20MIMO	Ant2	5260	5249-5250	5249.97	-12.66	1.85	-10.81	-0.30	82.98508	933.25	PASS
11N20MIMO	total	5260	5249-5250	---	---	---	-8.61	-1.10	137.68668	776.25	PASS
11N20MIMO	Ant1	5260	5350-5360	5354.93	-33.80	0.56	-33.24	-26.02	0.47424	2.5	PASS
11N20MIMO	Ant2	5260	5350-5360	5359.32	-44.13	1.85	-42.28	-26.02	0.05916	2.5	PASS
11N20MIMO	total	5260	5350-5360	---	---	---	-32.73	-26.02	0.53340	2.5	PASS
11N20MIMO	Ant1	5300	5140-5233.3	5210.60	-35.46	0.56	-34.9	-26.02	0.32359	2.5	PASS
11N20MIMO	Ant2	5300	5140-5233.3	5206.71	-45.25	1.85	-43.4	-26.02	0.04571	2.5	PASS
11N20MIMO	total	5300	5140-5233.3	---	---	---	-34.33	-26.02	0.36930	2.5	PASS
11N20MIMO	Ant1	5300	5233.3-5240	5233.61	-35.52	0.56	-34.96	-25.67	0.31915	2.71	PASS
11N20MIMO	Ant2	5300	5233.3-5240	5234.94	-44.21	1.85	-42.36	-24.07	0.05808	3.92	PASS
11N20MIMO	total	5300	5233.3-5240	---	---	---	-34.23	-25.67	0.37723	2.71	PASS
11N20MIMO	Ant1	5300	5240-5249	5240.99	-35.34	0.56	-34.78	-17.12	0.33266	19.41	PASS

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Test Mode	Antenna	Channel	FreRang [MHz]	Max.Freq [MHz]	Result [dBm]	Gain [dB]	EIRP [dBm]	Limit [dBm]	EIRP [μW]	Limit [μW]	Verdict
11N20MIMO	Ant2	5300	5240-5249	5242.13	-45.15	1.85	-43.3	-16.11	0.04677	24.51	PASS
11N20MIMO	total	5300	5240-5249	---	---	---	-34.21	-17.12	0.37943	19.41	PASS
11N20MIMO	Ant1	5300	5249-5250	5249.03	-35.34	0.56	-34.78	-9.70	0.33266	107.15	PASS
11N20MIMO	Ant2	5300	5249-5250	5249.17	-44.81	1.85	-42.96	-8.30	0.05058	147.91	PASS
11N20MIMO	total	5300	5249-5250	---	---	---	-34.17	-9.70	0.38324	107.15	PASS
11N20MIMO	Ant1	5300	5350-5360	5353.52	-34.31	0.56	-33.75	-26.02	0.42170	2.5	PASS
11N20MIMO	Ant2	5300	5350-5360	5350.80	-43.67	1.85	-41.82	-26.02	0.06577	2.5	PASS
11N20MIMO	total	5300	5350-5360	---	---	---	-33.12	-26.02	0.48747	2.5	PASS
11N20MIMO	Ant1	5320	5140-5233.3	5226.15	-35.55	0.56	-34.99	-26.02	0.31696	2.5	PASS
11N20MIMO	Ant2	5320	5140-5233.3	5210.75	-44.61	1.85	-42.76	-26.02	0.05297	2.5	PASS
11N20MIMO	total	5320	5140-5233.3	---	---	---	-34.32	-26.02	0.36993	2.5	PASS
11N20MIMO	Ant1	5320	5233.3-5240	5235.19	-35.60	0.56	-35.04	-23.77	0.31333	4.20	PASS
11N20MIMO	Ant2	5320	5233.3-5240	5235.08	-45.23	1.85	-43.38	-23.90	0.04592	4.07	PASS
11N20MIMO	total	5320	5233.3-5240	---	---	---	-34.45	-23.90	0.35925	4.07	PASS
11N20MIMO	Ant1	5320	5240-5249	5241.56	-35.41	0.56	-34.85	-16.61	0.32734	21.81	PASS
11N20MIMO	Ant2	5320	5240-5249	5241.62	-44.94	1.85	-43.09	-16.56	0.04909	22.08	PASS
11N20MIMO	total	5320	5240-5249	---	---	---	-34.24	-16.61	0.37643	21.81	PASS
11N20MIMO	Ant1	5320	5249-5250	5249.04	-35.05	0.56	-34.49	-9.60	0.35563	109.65	PASS
11N20MIMO	Ant2	5320	5249-5250	5249.05	-44.92	1.85	-43.07	-9.50	0.04932	112.20	PASS
11N20MIMO	total	5320	5249-5250	---	---	---	-33.93	-9.60	0.40495	109.65	PASS
11N20MIMO	Ant1	5320	5350-5360	5358.50	-33.76	0.56	-33.2	-26.02	0.47863	2.5	PASS
11N20MIMO	Ant2	5320	5350-5360	5357.30	-43.01	1.85	-41.16	-26.02	0.07656	2.5	PASS
11N20MIMO	total	5320	5350-5360	---	---	---	-32.56	-26.02	0.55519	2.5	PASS
11N20MIMO	Ant1	5500	5455-5460	5455.06	-33.39	1.89	-31.5	-26.02	0.70795	2.5	PASS
11N20MIMO	Ant2	5500	5455-5460	5459.08	-44.08	1.63	-42.45	-26.02	0.05689	2.5	PASS
11N20MIMO	total	5500	5455-5460	---	---	---	-31.16	-26.02	0.76484	2.5	PASS
11N20MIMO	Ant1	5500	5460-5470	5468.88	-34.12	1.89	-32.23	-19.03	0.59841	12.5	PASS
11N20MIMO	Ant2	5500	5460-5470	5468.18	-41.23	1.63	-39.6	-19.03	0.10965	12.5	PASS
11N20MIMO	total	5500	5460-5470	---	---	---	-31.50	-19.03	0.70806	12.5	PASS
11N20MIMO	Ant1	5500	5745-5765	5759.93	-34.41	1.89	-32.52	-19.03	0.55976	12.5	PASS
11N20MIMO	Ant2	5500	5745-5765	5749.57	-44.69	1.63	-43.06	-19.03	0.04943	12.5	PASS
11N20MIMO	total	5500	5745-5765	---	---	---	-32.15	-19.03	0.60919	12.5	PASS
11N20MIMO	Ant1	5500	5765-5780	5778.33	-34.16	1.89	-32.27	-26.02	0.59293	2.5	PASS
11N20MIMO	Ant2	5500	5765-5780	5777.50	-44.14	1.63	-42.51	-26.02	0.05610	2.5	PASS
11N20MIMO	total	5500	5765-5780	---	---	---	-31.88	-26.02	0.64903	2.5	PASS
11N20MIMO	Ant1	5600	5455-5460	5458.42	-34.44	1.89	-32.55	-26.02	0.55590	2.5	PASS
11N20MIMO	Ant2	5600	5455-5460	5459.98	-44.28	1.63	-42.65	-26.02	0.05433	2.5	PASS
11N20MIMO	total	5600	5455-5460	---	---	---	-32.15	-26.02	0.61023	2.5	PASS
11N20MIMO	Ant1	5600	5460-5470	5460.93	-34.39	1.89	-32.5	-19.03	0.56234	12.5	PASS
11N20MIMO	Ant2	5600	5460-5470	5467.10	-44.34	1.63	-42.71	-19.03	0.05358	12.5	PASS
11N20MIMO	total	5600	5460-5470	---	---	---	-32.10	-19.03	0.61592	12.5	PASS
11N20MIMO	Ant1	5600	5745-5765	5755.10	-34.28	1.89	-32.39	-19.03	0.57677	12.5	PASS
11N20MIMO	Ant2	5600	5745-5765	5750.50	-44.49	1.63	-42.86	-19.03	0.05176	12.5	PASS
11N20MIMO	total	5600	5745-5765	---	---	---	-32.02	-19.03	0.62853	12.5	PASS
11N20MIMO	Ant1	5600	5765-5780	5768.93	-33.96	1.89	-32.07	-26.02	0.62087	2.5	PASS
11N20MIMO	Ant2	5600	5765-5780	5768.75	-44.08	1.63	-42.45	-26.02	0.05689	2.5	PASS
11N20MIMO	total	5600	5765-5780	---	---	---	-31.69	-26.02	0.67776	2.5	PASS
11N20MIMO	Ant1	5700	5455-5460	5456.06	-34.25	1.89	-32.36	-26.02	0.58076	2.5	PASS
11N20MIMO	Ant2	5700	5455-5460	5455.82	-44.51	1.63	-42.88	-26.02	0.05152	2.5	PASS
11N20MIMO	total	5700	5455-5460	---	---	---	-31.99	-26.02	0.63228	2.5	PASS
11N20MIMO	Ant1	5700	5460-5470	5460.93	-33.95	1.89	-32.06	-19.03	0.62230	12.5	PASS
11N20MIMO	Ant2	5700	5460-5470	5464.23	-44.01	1.63	-42.38	-19.03	0.05781	12.5	PASS
11N20MIMO	total	5700	5460-5470	---	---	---	-31.67	-19.03	0.68011	12.5	PASS
11N20MIMO	Ant1	5700	5745-5765	5754.90	-34.28	1.89	-32.39	-19.03	0.57677	12.5	PASS
11N20MIMO	Ant2	5700	5745-5765	5760.23	-44.01	1.63	-42.38	-19.03	0.05781	12.5	PASS
11N20MIMO	total	5700	5745-5765	---	---	---	-31.98	-19.03	0.63458	12.5	PASS
11N20MIMO	Ant1	5700	5765-5780	5771.53	-33.89	1.89	-32	-26.02	0.63096	2.5	PASS
11N20MIMO	Ant2	5700	5765-5780	5777.35	-43.94	1.63	-42.31	-26.02	0.05875	2.5	PASS
11N20MIMO	total	5700	5765-5780	---	---	---	-31.61	-26.02	0.68971	2.5	PASS
11N20MIMO	Ant1	5720	5455-5460	5458.80	-44.60	1.89	-42.71	-26.02	0.05358	2.5	PASS
11N20MIMO	Ant2	5720	5455-5460	5458.80	-43.94	1.63	-42.31	-26.02	0.05875	2.5	PASS
11N20MIMO	total	5720	5455-5460	---	---	---	-39.50	-26.02	0.11233	2.5	PASS
11N20MIMO	Ant1	5720	5460-5470	5464.70	-44.23	1.89	-42.34	-19.03	0.05834	12.5	PASS
11N20MIMO	Ant2	5720	5460-5470	5467.58	-44.17	1.63	-42.54	-19.03	0.05572	12.5	PASS
11N20MIMO	total	5720	5460-5470	---	---	---	-39.43	-19.03	0.11406	12.5	PASS
11N20MIMO	Ant1	5720	5745-5765	5749.27	-43.62	1.89	-41.73	-19.03	0.06714	12.5	PASS
11N20MIMO	Ant2	5720	5745-5765	5746.93	-42.38	1.63	-40.75	-19.03	0.08414	12.5	PASS
11N20MIMO	total	5720	5745-5765	---	---	---	-38.20	-19.03	0.15128	12.5	PASS
11N20MIMO	Ant1	5720	5765-5780	5770.38	-43.92	1.89	-42.03	-26.02	0.06266	2.5	PASS
11N20MIMO	Ant2	5720	5765-5780	5765.73	-43.48	1.63	-41.85	-26.02	0.06531	2.5	PASS
11N20MIMO	total	5720	5765-5780	---	---	---	-38.93	-26.02	0.12797	2.5	PASS

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Test Mode	Antenna	Channel	FreRang [MHz]	Max.Freq [MHz]	Result [dBm]	Gain [dB]	EIRP [dBm]	Limit [dBm]	EIRP [μW]	Limit [μW]	Verdict
11N40MIMO	Ant1	5190	5100~5141.6	5104.44	-34.65	0.86	-33.79	-26.02	0.41783	2.5	PASS
11N40MIMO	Ant2	5190	5100~5141.6	5141.18	-44.88	2.35	-42.53	-26.02	0.05585	2.5	PASS
11N40MIMO	total	5190	5100~5141.6	---	---	---	-33.25	-26.02	0.47368	2.5	PASS
11N40MIMO	Ant1	5190	5141.6~5150	5149.20	-35.55	0.86	-34.69	-18.24	0.33963	15	PASS
11N40MIMO	Ant2	5190	5141.6~5150	5149.52	-43.66	2.35	-41.31	-18.24	0.07396	15	PASS
11N40MIMO	total	5190	5141.6~5150	---	---	---	-33.83	-18.24	0.41359	15	PASS
11N40MIMO	Ant1	5190	5250~5251	5250.97	-35.51	0.86	-34.65	-12.71	0.34277	53.58	PASS
11N40MIMO	Ant2	5190	5250~5251	5250.96	-45.20	2.35	-42.85	-12.61	0.05188	54.83	PASS
11N40MIMO	total	5190	5250~5251	---	---	---	-34.04	-12.71	0.39465	53.58	PASS
11N40MIMO	Ant1	5190	5251~5270	5269.81	-35.37	0.86	-34.51	-20.93	0.35400	8.07	PASS
11N40MIMO	Ant2	5190	5251~5270	5268.10	-44.89	2.35	-42.54	-20.21	0.05572	9.53	PASS
11N40MIMO	total	5190	5251~5270	---	---	---	-33.88	-20.93	0.40972	8.07	PASS
11N40MIMO	Ant1	5190	5270~5278.4	5277.91	-34.63	0.86	-33.77	-25.76	0.41976	2.66	PASS
11N40MIMO	Ant2	5190	5270~5278.4	5277.21	-44.21	2.35	-41.86	-25.34	0.06516	2.93	PASS
11N40MIMO	total	5190	5270~5278.4	---	---	---	-33.14	-25.76	0.48492	2.66	PASS
11N40MIMO	Ant1	5190	5278.4~5400	5356.63	-33.91	0.86	-33.05	-26.02	0.49545	2.5	PASS
11N40MIMO	Ant2	5190	5278.4~5400	5391.69	-43.90	2.35	-41.55	-26.02	0.06998	2.5	PASS
11N40MIMO	total	5190	5278.4~5400	---	---	---	-32.48	-26.02	0.56543	2.5	PASS
11N40MIMO	Ant1	5230	5100~5141.6	5121.42	-34.81	0.86	-33.95	-26.02	0.40272	2.5	PASS
11N40MIMO	Ant2	5230	5100~5141.6	5122.05	-45.71	2.35	-43.36	-26.02	0.04613	2.5	PASS
11N40MIMO	total	5230	5100~5141.6	---	---	---	-33.48	-26.02	0.44885	2.5	PASS
11N40MIMO	Ant1	5230	5141.6~5150	5146.86	-35.62	0.86	-34.76	-18.24	0.33420	15	PASS
11N40MIMO	Ant2	5230	5141.6~5150	5146.61	-45.50	2.35	-43.15	-18.24	0.04842	15	PASS
11N40MIMO	total	5230	5141.6~5150	---	---	---	-34.17	-18.24	0.38262	15	PASS
11N40MIMO	Ant1	5230	5250~5251	5250.17	-23.69	0.86	-22.83	-4.71	5.21195	338.06	PASS
11N40MIMO	Ant2	5230	5250~5251	5250.17	-25.68	2.35	-23.33	-4.71	4.64515	338.06	PASS
11N40MIMO	total	5230	5250~5251	---	---	---	-20.06	-4.71	9.85710	338.06	PASS
11N40MIMO	Ant1	5230	5251~5270	5269.11	-35.11	0.86	-34.25	-20.64	0.37584	8.64	PASS
11N40MIMO	Ant2	5230	5251~5270	5259.58	-42.11	2.35	-39.76	-16.62	0.10568	21.76	PASS
11N40MIMO	total	5230	5251~5270	---	---	---	-33.17	-20.64	0.48152	8.64	PASS
11N40MIMO	Ant1	5230	5270~5278.4	5277.45	-34.31	0.86	-33.45	-25.48	0.45186	2.83	PASS
11N40MIMO	Ant2	5230	5270~5278.4	5278.39	-44.06	2.35	-41.71	-26.04	0.06745	2.49	PASS
11N40MIMO	total	5230	5270~5278.4	---	---	---	-32.85	-26.04	0.51931	2.49	PASS
11N40MIMO	Ant1	5230	5278.4~5400	5367.17	-33.77	0.86	-32.91	-26.02	0.51168	2.5	PASS
11N40MIMO	Ant2	5230	5278.4~5400	5349.54	-43.83	2.35	-41.48	-26.02	0.07112	2.5	PASS
11N40MIMO	total	5230	5278.4~5400	---	---	---	-32.34	-26.02	0.58280	2.5	PASS
11N40MIMO	Ant1	5270	5100~5221.6	5182.08	-34.83	0.56	-34.27	-26.02	0.37411	2.5	PASS
11N40MIMO	Ant2	5270	5100~5221.6	5215.11	-45.41	1.85	-43.56	-26.02	0.04406	2.5	PASS
11N40MIMO	total	5270	5100~5221.6	---	---	---	-33.79	-26.02	0.41817	2.5	PASS
11N40MIMO	Ant1	5270	5221.6~5230	5223.28	-35.17	0.56	-34.61	-25.04	0.34594	3.13	PASS
11N40MIMO	Ant2	5270	5221.6~5230	5225.72	-43.74	1.85	-41.89	-23.58	0.06471	4.39	PASS
11N40MIMO	total	5270	5221.6~5230	---	---	---	-33.87	-25.04	0.41065	3.13	PASS
11N40MIMO	Ant1	5270	5230~5249	5237.25	-35.31	0.56	-34.75	-17.96	0.33497	16.01	PASS
11N40MIMO	Ant2	5270	5230~5249	5247.45	-37.75	1.85	-35.9	-13.66	0.25704	43.03	PASS
11N40MIMO	total	5270	5230~5249	---	---	---	-32.28	-17.96	0.59201	16.01	PASS
11N40MIMO	Ant1	5270	5249~5250	5249.71	-26.15	0.56	-25.59	-5.91	2.76058	256.45	PASS
11N40MIMO	Ant2	5270	5249~5250	5249.92	-24.96	1.85	-23.11	-3.81	4.88652	415.91	PASS
11N40MIMO	total	5270	5249~5250	---	---	---	-21.17	-5.91	7.64710	256.45	PASS
11N40MIMO	Ant1	5270	5350~5358.4	5351.86	-34.02	0.56	-33.46	-18.24	0.45082	15	PASS
11N40MIMO	Ant2	5270	5350~5358.4	5355.39	-43.92	1.85	-42.07	-18.24	0.06209	15	PASS
11N40MIMO	total	5270	5350~5358.4	---	---	---	-32.90	-18.24	0.51291	15	PASS
11N40MIMO	Ant1	5270	5358.4~5400	5382.94	-33.53	0.56	-32.97	-26.02	0.50466	2.5	PASS
11N40MIMO	Ant2	5270	5358.4~5400	5380.10	-43.58	1.85	-41.73	-26.02	0.06714	2.5	PASS
11N40MIMO	total	5270	5358.4~5400	---	---	---	-32.43	-26.02	0.57180	2.5	PASS
11N40MIMO	Ant1	5310	5100~5221.6	5183.90	-44.44	0.56	-43.88	-26.02	0.04093	2.5	PASS
11N40MIMO	Ant2	5310	5100~5221.6	5202.14	-45.21	1.85	-43.36	-26.02	0.04613	2.5	PASS
11N40MIMO	total	5310	5100~5221.6	---	---	---	-40.60	-26.02	0.08706	2.5	PASS
11N40MIMO	Ant1	5310	5221.6~5230	5223.52	-45.26	0.56	-44.7	-24.90	0.03388	3.24	PASS
11N40MIMO	Ant2	5310	5221.6~5230	5221.64	-44.74	1.85	-42.89	-26.03	0.05140	2.50	PASS
11N40MIMO	total	5310	5221.6~5230	---	---	---	-40.69	-26.03	0.08528	2.50	PASS
11N40MIMO	Ant1	5310	5230~5249	5232.09	-45.26	0.56	-44.7	-20.13	0.03388	9.71	PASS
11N40MIMO	Ant2	5310	5230~5249	5234.91	-44.92	1.85	-43.07	-18.94	0.04932	12.76	PASS
11N40MIMO	total	5310	5230~5249	---	---	---	-40.80	-20.13	0.08320	9.71	PASS
11N40MIMO	Ant1	5310	5249~5250	5249.18	-44.54	0.56	-43.98	-11.21	0.03999	75.68	PASS
11N40MIMO	Ant2	5310	5249~5250	5249.04	-44.14	1.85	-42.29	-12.61	0.05902	54.83	PASS
11N40MIMO	total	5310	5249~5250	---	---	---	-40.04	-12.61	0.09901	54.83	PASS
11N40MIMO	Ant1	5310	5350~5358.4	5357.17	-43.94	0.56	-43.38	-18.24	0.04592	15	PASS
11N40MIMO	Ant2	5310	5350~5358.4	5352.31	-43.01	1.85	-41.16	-18.24	0.07656	15	PASS
11N40MIMO	total	5310	5350~5358.4	---	---	---	-39.12	-18.24	0.12248	15	PASS
11N40MIMO	Ant1	5310	5358.4~5400	5366.44	-43.49	0.56	-42.93	-26.02	0.05093	2.5	PASS
11N40MIMO	Ant2	5310	5358.4~5400	5361.03	-43.74	1.85	-41.89	-26.02	0.06471	2.5	PASS

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Test Mode	Antenna	Channel	FreRang [MHz]	Max.Freq [MHz]	Result [dBm]	Gain [dB]	EIRP [dBm]	Limit [dBm]	EIRP [μW]	Limit [μW]	Verdict
11N40MIMO	total	5310	5358.4~5400	---	---	---	-39.37	-26.02	0.11564	2.5	PASS
11N40MIMO	Ant1	5510	5420~5460	5420.80	-44.12	1.89	-42.23	-19.03	0.05984	12.5	PASS
11N40MIMO	Ant2	5510	5420~5460	5459.87	-40.04	1.63	-38.41	-19.03	0.14421	12.5	PASS
11N40MIMO	total	5510	5420~5460	---	---	---	-36.90	-19.03	0.20405	12.5	PASS
11N40MIMO	Ant1	5510	5460~5470	5467.07	-41.94	1.89	-40.05	-13.01	0.09886	50	PASS
11N40MIMO	Ant2	5510	5460~5470	5469.88	-30.64	1.63	-29.01	-13.01	1.25603	50	PASS
11N40MIMO	total	5510	5460~5470	---	---	---	-28.68	-13.01	1.35489	50	PASS
11N40MIMO	Ant1	5510	5770~5780	5773.62	-43.93	1.89	-42.04	-19.03	0.06252	12.5	PASS
11N40MIMO	Ant2	5510	5770~5780	5773.85	-43.89	1.63	-42.26	-19.03	0.05943	12.5	PASS
11N40MIMO	total	5510	5770~5780	---	---	---	-39.14	-19.03	0.12195	12.5	PASS
11N40MIMO	Ant1	5590	5420~5460	5424.80	-44.06	1.89	-42.17	-19.03	0.06067	12.5	PASS
11N40MIMO	Ant2	5590	5420~5460	5433.00	-43.46	1.63	-41.83	-19.03	0.06561	12.5	PASS
11N40MIMO	total	5590	5420~5460	---	---	---	-38.99	-19.03	0.12628	12.5	PASS
11N40MIMO	Ant1	5590	5460~5470	5460.67	-44.42	1.89	-42.53	-13.01	0.05585	50	PASS
11N40MIMO	Ant2	5590	5460~5470	5469.12	-44.06	1.63	-42.43	-13.01	0.05715	50	PASS
11N40MIMO	total	5590	5460~5470	---	---	---	-39.47	-13.01	0.11300	50	PASS
11N40MIMO	Ant1	5590	5770~5780	5770.52	-44.10	1.89	-42.21	-19.03	0.06012	12.5	PASS
11N40MIMO	Ant2	5590	5770~5780	5772.67	-44.12	1.63	-42.49	-19.03	0.05636	12.5	PASS
11N40MIMO	total	5590	5770~5780	---	---	---	-39.34	-19.03	0.11648	12.5	PASS
11N40MIMO	Ant1	5670	5420~5460	5429.13	-43.88	1.89	-41.99	-19.03	0.06324	12.5	PASS
11N40MIMO	Ant2	5670	5420~5460	5429.60	-44.11	1.63	-42.48	-19.03	0.05649	12.5	PASS
11N40MIMO	total	5670	5420~5460	---	---	---	-39.22	-19.03	0.11973	12.5	PASS
11N40MIMO	Ant1	5670	5460~5470	5467.13	-44.56	1.89	-42.67	-13.01	0.05408	50	PASS
11N40MIMO	Ant2	5670	5460~5470	5462.60	-44.21	1.63	-42.58	-13.01	0.05521	50	PASS
11N40MIMO	total	5670	5460~5470	---	---	---	-39.61	-13.01	0.10929	50	PASS
11N40MIMO	Ant1	5670	5770~5780	5779.48	-44.03	1.89	-42.14	-19.03	0.06109	12.5	PASS
11N40MIMO	Ant2	5670	5770~5780	5770.50	-43.22	1.63	-41.59	-19.03	0.06934	12.5	PASS
11N40MIMO	total	5670	5770~5780	---	---	---	-38.85	-19.03	0.13043	12.5	PASS
11N40MIMO	Ant1	5710	5420~5460	5458.40	-43.99	1.89	-42.1	-19.03	0.06166	12.5	PASS
11N40MIMO	Ant2	5710	5420~5460	5448.27	-43.88	1.63	-42.25	-19.03	0.05957	12.5	PASS
11N40MIMO	total	5710	5420~5460	---	---	---	-39.16	-19.03	0.12123	12.5	PASS
11N40MIMO	Ant1	5710	5460~5470	5468.00	-44.55	1.89	-42.66	-13.01	0.05420	50	PASS
11N40MIMO	Ant2	5710	5460~5470	5464.97	-44.12	1.63	-42.49	-13.01	0.05636	50	PASS
11N40MIMO	total	5710	5460~5470	---	---	---	-39.56	-13.01	0.11056	50	PASS
11N40MIMO	Ant1	5710	5770~5780	5771.42	-44.21	1.89	-42.32	-19.03	0.05861	12.5	PASS
11N40MIMO	Ant2	5710	5770~5780	5770.72	-43.96	1.63	-42.33	-19.03	0.05848	12.5	PASS
11N40MIMO	total	5710	5770~5780	---	---	---	-39.31	-19.03	0.11709	12.5	PASS
11AC20MIMO	Ant1	5180	5140~5142	5141.91	-44.81	0.86	-43.95	-26.02	0.04027	2.5	PASS
11AC20MIMO	Ant2	5180	5140~5142	5141.24	-45.58	2.35	-43.23	-26.02	0.04753	2.5	PASS
11AC20MIMO	total	5180	5140~5142	---	---	---	-40.56	-26.02	0.08780	2.5	PASS
11AC20MIMO	Ant1	5180	5142~5150	5148.28	-45.11	0.86	-44.25	-18.24	0.03758	15	PASS
11AC20MIMO	Ant2	5180	5142~5150	5148.80	-45.25	2.35	-42.9	-18.24	0.05129	15	PASS
11AC20MIMO	total	5180	5142~5150	---	---	---	-40.51	-18.24	0.08887	15	PASS
11AC20MIMO	Ant1	5180	5250~5251	5250.81	-45.27	0.86	-44.41	-8.10	0.03622	154.88	PASS
11AC20MIMO	Ant2	5180	5250~5251	5250.87	-44.64	2.35	-42.29	-8.70	0.05902	134.90	PASS
11AC20MIMO	total	5180	5250~5251	---	---	---	-40.21	-8.70	0.09524	134.90	PASS
11AC20MIMO	Ant1	5180	5251~5260	5259.01	-44.60	0.86	-43.74	-17.12	0.04227	19.41	PASS
11AC20MIMO	Ant2	5180	5251~5260	5259.97	-44.95	2.35	-42.6	-17.97	0.05495	15.95	PASS
11AC20MIMO	total	5180	5251~5260	---	---	---	-40.12	-17.97	0.09722	15.95	PASS
11AC20MIMO	Ant1	5180	5260~5266.7	5266.19	-44.82	0.86	-43.96	-25.43	0.04018	2.87	PASS
11AC20MIMO	Ant2	5180	5260~5266.7	5266.20	-44.96	2.35	-42.61	-25.44	0.05483	2.86	PASS
11AC20MIMO	total	5180	5260~5266.7	---	---	---	-40.22	-25.44	0.09501	2.86	PASS
11AC20MIMO	Ant1	5180	5266.7~5360	5355.65	-44.09	0.86	-43.23	-26.02	0.04753	2.5	PASS
11AC20MIMO	Ant2	5180	5266.7~5360	5277.27	-44.16	2.35	-41.81	-26.02	0.06592	2.5	PASS
11AC20MIMO	total	5180	5266.7~5360	---	---	---	-39.45	-26.02	0.11345	2.5	PASS
11AC20MIMO	Ant1	5220	5140~5142	5141.01	-44.98	0.86	-44.12	-26.02	0.03873	2.5	PASS
11AC20MIMO	Ant2	5220	5140~5142	5141.42	-44.87	2.35	-42.52	-26.02	0.05598	2.5	PASS
11AC20MIMO	total	5220	5140~5142	---	---	---	-40.24	-26.02	0.09471	2.5	PASS
11AC20MIMO	Ant1	5220	5142~5150	5148.11	-45.01	0.86	-44.15	-18.24	0.03846	15	PASS
11AC20MIMO	Ant2	5220	5142~5150	5147.01	-45.05	2.35	-42.7	-18.24	0.05370	15	PASS
11AC20MIMO	total	5220	5142~5150	---	---	---	-40.35	-18.24	0.09216	15	PASS
11AC20MIMO	Ant1	5220	5250~5251	5250.78	-44.42	0.86	-43.56	-7.80	0.04406	165.96	PASS
11AC20MIMO	Ant2	5220	5250~5251	5250.94	-44.41	2.35	-42.06	-9.40	0.06223	114.82	PASS
11AC20MIMO	total	5220	5250~5251	---	---	---	-39.74	-9.40	0.10629	114.82	PASS
11AC20MIMO	Ant1	5220	5251~5260	5259.49	-44.31	0.86	-43.45	-17.55	0.04519	17.59	PASS
11AC20MIMO	Ant2	5220	5251~5260	5259.61	-44.76	2.35	-42.41	-17.65	0.05741	17.17	PASS
11AC20MIMO	total	5220	5251~5260	---	---	---	-39.89	-17.65	0.10260	17.17	PASS
11AC20MIMO	Ant1	5220	5260~5266.7	5266.58	-44.46	0.86	-43.6	-25.90	0.04365	2.57	PASS
11AC20MIMO	Ant2	5220	5260~5266.7	5266.52	-44.75	2.35	-42.4	-25.82	0.05754	2.62	PASS
11AC20MIMO	total	5220	5260~5266.7	---	---	---	-39.95	-25.90	0.10119	2.57	PASS
11AC20MIMO	Ant1	5220	5266.7~5360	5339.47	-43.94	0.86	-43.08	-26.02	0.04920	2.5	PASS

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Test Mode	Antenna	Channel	FreRang [MHz]	Max.Freq [MHz]	Result [dBm]	Gain [dB]	EIRP [dBm]	Limit [dBm]	EIRP [μW]	Limit [μW]	Verdict
11AC20MIMO	Ant2	5220	5266.7~5360	5359.53	-44.20	2.35	-41.85	-26.02	0.06531	2.5	PASS
11AC20MIMO	total	5220	5266.7~5360	---	---	---	-39.41	-26.02	0.11451	2.5	PASS
11AC20MIMO	Ant1	5240	5135~5142	5139.50	-45.70	0.86	-44.84	-26.02	0.03281	2.5	PASS
11AC20MIMO	Ant2	5240	5135~5142	5141.69	-44.97	2.35	-42.62	-26.02	0.05470	2.5	PASS
11AC20MIMO	total	5240	5135~5142	---	---	---	-40.58	-26.02	0.08751	2.5	PASS
11AC20MIMO	Ant1	5240	5142~5150	5142.15	-45.22	0.86	-44.36	-18.24	0.03664	15	PASS
11AC20MIMO	Ant2	5240	5142~5150	5145.29	-45.36	2.35	-43.01	-18.24	0.05000	15	PASS
11AC20MIMO	total	5240	5142~5150	---	---	---	-40.62	-18.24	0.08664	15	PASS
11AC20MIMO	Ant1	5240	5250~5250.2	5250.12	-12.66	0.86	-11.8	0.13	66.06934	1030.86	PASS
11AC20MIMO	Ant2	5240	5250~5250.2	5250.12	-14.13	2.35	-11.78	0.13	66.37431	1030.86	PASS
11AC20MIMO	total	5240	5250~5250.2	---	---	---	-8.78	0.13	132.44365	1030.86	PASS
11AC20MIMO	Ant1	5240	5250.2~5251	5250.35	-15.57	0.86	-14.71	-1.88	33.80648	649.38	PASS
11AC20MIMO	Ant2	5240	5250.2~5251	5250.22	-15.02	2.35	-12.67	-0.25	54.07543	944.06	PASS
11AC20MIMO	total	5240	5250.2~5251	---	---	---	-10.56	-1.88	87.88191	649.38	PASS
11AC20MIMO	Ant1	5240	5251~5260	5251.15	-24.75	0.86	-23.89	-10.13	4.08319	96.98	PASS
11AC20MIMO	Ant2	5240	5251~5260	5251.06	-25.07	2.35	-22.72	-10.05	5.34564	98.78	PASS
11AC20MIMO	total	5240	5251~5260	---	---	---	-20.26	-10.13	9.42883	96.98	PASS
11AC20MIMO	Ant1	5240	5260~5266.7	5265.99	-43.87	0.86	-43.01	-25.19	0.05000	3.03	PASS
11AC20MIMO	Ant2	5240	5260~5266.7	5262.85	-40.55	2.35	-38.2	-21.42	0.15136	7.21	PASS
11AC20MIMO	total	5240	5260~5266.7	---	---	---	-36.96	-25.19	0.20136	3.03	PASS
11AC20MIMO	Ant1	5240	5266.7~5365	5331.41	-43.54	0.86	-42.68	-26.02	0.05395	2.5	PASS
11AC20MIMO	Ant2	5240	5266.7~5365	5350.09	-42.79	2.35	-40.44	-26.02	0.09036	2.5	PASS
11AC20MIMO	total	5240	5266.7~5365	---	---	---	-38.41	-26.02	0.14431	2.5	PASS
11AC20MIMO	Ant1	5260	5140~5233.3	5222.26	-44.50	0.56	-43.94	-26.02	0.04036	2.5	PASS
11AC20MIMO	Ant2	5260	5140~5233.3	5227.08	-44.76	1.85	-42.91	-26.02	0.05117	2.5	PASS
11AC20MIMO	total	5260	5140~5233.3	---	---	---	-40.38	-26.02	0.09153	2.5	PASS
11AC20MIMO	Ant1	5260	5233.3~5240	5234.57	-44.91	0.56	-44.35	-24.52	0.03673	3.54	PASS
11AC20MIMO	Ant2	5260	5233.3~5240	5234.23	-44.52	1.85	-42.67	-24.92	0.05408	3.22	PASS
11AC20MIMO	total	5260	5233.3~5240	---	---	---	-40.42	-24.92	0.09081	3.22	PASS
11AC20MIMO	Ant1	5260	5240~5249	5248.93	-26.89	0.56	-26.33	-10.06	2.32809	98.58	PASS
11AC20MIMO	Ant2	5260	5240~5249	5248.97	-23.97	1.85	-22.12	-10.03	6.13762	99.39	PASS
11AC20MIMO	total	5260	5240~5249	---	---	---	-20.72	-10.06	8.46571	98.58	PASS
11AC20MIMO	Ant1	5260	5249~5250	5249.78	-16.05	0.56	-15.49	-2.20	28.24880	602.56	PASS
11AC20MIMO	Ant2	5260	5249~5250	5249.91	-14.75	1.85	-12.9	-0.90	51.28614	812.83	PASS
11AC20MIMO	total	5260	5249~5250	---	---	---	-10.99	-2.20	79.53494	602.56	PASS
11AC20MIMO	Ant1	5260	5350~5360	5356.85	-44.25	0.56	-43.69	-26.02	0.04276	2.5	PASS
11AC20MIMO	Ant2	5260	5350~5360	5352.67	-43.79	1.85	-41.94	-26.02	0.06397	2.5	PASS
11AC20MIMO	total	5260	5350~5360	---	---	---	-39.72	-26.02	0.10673	2.5	PASS
11AC20MIMO	Ant1	5300	5135~5233.3	5215.93	-45.07	0.56	-44.51	-26.02	0.03540	2.5	PASS
11AC20MIMO	Ant2	5300	5135~5233.3	5218.23	-44.36	1.85	-42.51	-26.02	0.05610	2.5	PASS
11AC20MIMO	total	5300	5135~5233.3	---	---	---	-40.39	-26.02	0.09150	2.5	PASS
11AC20MIMO	Ant1	5300	5233.3~5240	5233.96	-45.37	0.56	-44.81	-25.25	0.03304	2.99	PASS
11AC20MIMO	Ant2	5300	5233.3~5240	5234.00	-44.71	1.85	-42.86	-25.20	0.05176	3.02	PASS
11AC20MIMO	total	5300	5233.3~5240	---	---	---	-40.72	-25.25	0.08480	2.99	PASS
11AC20MIMO	Ant1	5300	5240~5249	5240.30	-44.79	0.56	-44.23	-17.73	0.03776	16.85	PASS
11AC20MIMO	Ant2	5300	5240~5249	5241.20	-44.75	1.85	-42.9	-16.93	0.05129	20.26	PASS
11AC20MIMO	total	5300	5240~5249	---	---	---	-40.50	-17.73	0.08905	16.85	PASS
11AC20MIMO	Ant1	5300	5249~5249.8	5249.23	-44.88	0.56	-44.32	-7.70	0.03698	169.82	PASS
11AC20MIMO	Ant2	5300	5249~5249.8	5249.05	-44.73	1.85	-42.88	-9.50	0.05152	112.20	PASS
11AC20MIMO	total	5300	5249~5249.8	---	---	---	-40.53	-9.50	0.08850	112.20	PASS
11AC20MIMO	Ant1	5300	5249.8~5250	5249.81	-44.52	0.56	-43.96	-1.73	0.04018	670.89	PASS
11AC20MIMO	Ant2	5300	5249.8~5250	5249.88	-44.43	1.85	-42.58	0.13	0.05521	1030.86	PASS
11AC20MIMO	total	5300	5249.8~5250	---	---	---	-40.21	-1.73	0.09539	670.89	PASS
11AC20MIMO	Ant1	5300	5350~5365	5362.08	-43.61	0.56	-43.05	-26.02	0.04955	2.5	PASS
11AC20MIMO	Ant2	5300	5350~5365	5353.60	-43.65	1.85	-41.8	-26.02	0.06607	2.5	PASS
11AC20MIMO	total	5300	5350~5365	---	---	---	-39.37	-26.02	0.11562	2.5	PASS
11AC20MIMO	Ant1	5320	5140~5233.3	5232.52	-45.41	0.56	-44.85	-26.02	0.03273	2.5	PASS
11AC20MIMO	Ant2	5320	5140~5233.3	5207.18	-45.03	1.85	-43.18	-26.02	0.04808	2.5	PASS
11AC20MIMO	total	5320	5140~5233.3	---	---	---	-40.92	-26.02	0.08081	2.5	PASS
11AC20MIMO	Ant1	5320	5233.3~5240	5234.47	-45.32	0.56	-44.76	-24.64	0.03342	3.44	PASS
11AC20MIMO	Ant2	5320	5233.3~5240	5234.39	-45.36	1.85	-43.51	-24.73	0.04457	3.36	PASS
11AC20MIMO	total	5320	5233.3~5240	---	---	---	-41.08	-24.73	0.07799	3.36	PASS
11AC20MIMO	Ant1	5320	5240~5249	5241.40	-45.06	0.56	-44.5	-16.76	0.03548	21.11	PASS
11AC20MIMO	Ant2	5320	5240~5249	5240.81	-45.03	1.85	-43.18	-17.28	0.04808	18.71	PASS
11AC20MIMO	total	5320	5240~5249	---	---	---	-40.78	-17.28	0.08356	18.71	PASS
11AC20MIMO	Ant1	5320	5249~5250	5249.05	-45.32	0.56	-44.76	-9.50	0.03342	112.20	PASS
11AC20MIMO	Ant2	5320	5249~5250	5249.04	-45.23	1.85	-43.38	-9.60	0.04592	109.65	PASS
11AC20MIMO	total	5320	5249~5250	---	---	---	-41.01	-9.60	0.07934	109.65	PASS
11AC20MIMO	Ant1	5320	5350~5360	5351.83	-43.40	0.56	-42.84	-26.02	0.05200	2.5	PASS
11AC20MIMO	Ant2	5320	5350~5360	5356.73	-43.94	1.85	-42.09	-26.02	0.06180	2.5	PASS
11AC20MIMO	total	5320	5350~5360	---	---	---	-39.44	-26.02	0.11380	2.5	PASS

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Test Mode	Antenna	Channel	FreRang [MHz]	Max.Freq [MHz]	Result [dBm]	Gain [dB]	EIRP [dBm]	Limit [dBm]	EIRP [μW]	Limit [μW]	Verdict
11AC20MIMO	Ant1	5500	5455-5460	5455.56	-43.71	1.89	-41.82	-26.02	0.06577	2.5	PASS
11AC20MIMO	Ant2	5500	5455-5460	5455.59	-41.26	1.63	-39.63	-26.02	0.10889	2.5	PASS
11AC20MIMO	total	5500	5455-5460	---	---	---	-37.58	-26.02	0.17466	2.5	PASS
11AC20MIMO	Ant1	5500	5460-5470	5462.52	-43.24	1.89	-41.35	-19.03	0.07328	12.5	PASS
11AC20MIMO	Ant2	5500	5460-5470	5469.23	-42.94	1.63	-41.31	-19.03	0.07396	12.5	PASS
11AC20MIMO	total	5500	5460-5470	---	---	---	-38.32	-19.03	0.14724	12.5	PASS
11AC20MIMO	Ant1	5500	5745-5765	5745.53	-43.99	1.89	-42.1	-19.03	0.06166	12.5	PASS
11AC20MIMO	Ant2	5500	5745-5765	5752.83	-44.51	1.63	-42.88	-19.03	0.05152	12.5	PASS
11AC20MIMO	total	5500	5745-5765	---	---	---	-39.46	-19.03	0.11318	12.5	PASS
11AC20MIMO	Ant1	5500	5765-5780	5779.70	-44.26	1.89	-42.37	-26.02	0.05794	2.5	PASS
11AC20MIMO	Ant2	5500	5765-5780	5768.90	-44.18	1.63	-42.55	-26.02	0.05559	2.5	PASS
11AC20MIMO	total	5500	5765-5780	---	---	---	-39.45	-26.02	0.11353	2.5	PASS
11AC20MIMO	Ant1	5600	5455-5460	5458.08	-44.78	1.89	-42.89	-26.02	0.05140	2.5	PASS
11AC20MIMO	Ant2	5600	5455-5460	5459.15	-44.35	1.63	-42.72	-26.02	0.05346	2.5	PASS
11AC20MIMO	total	5600	5455-5460	---	---	---	-39.79	-26.02	0.10486	2.5	PASS
11AC20MIMO	Ant1	5600	5460-5470	5467.55	-43.92	1.89	-42.03	-19.03	0.06266	12.5	PASS
11AC20MIMO	Ant2	5600	5460-5470	5467.42	-43.73	1.63	-42.1	-19.03	0.06166	12.5	PASS
11AC20MIMO	total	5600	5460-5470	---	---	---	-39.05	-19.03	0.12432	12.5	PASS
11AC20MIMO	Ant1	5600	5745-5765	5754.87	-44.24	1.89	-42.35	-19.03	0.05821	12.5	PASS
11AC20MIMO	Ant2	5600	5745-5765	5748.73	-44.22	1.63	-42.59	-19.03	0.05508	12.5	PASS
11AC20MIMO	total	5600	5745-5765	---	---	---	-39.46	-19.03	0.11329	12.5	PASS
11AC20MIMO	Ant1	5600	5765-5780	5778.30	-44.16	1.89	-42.27	-26.02	0.05929	2.5	PASS
11AC20MIMO	Ant2	5600	5765-5780	5772.08	-44.06	1.63	-42.43	-26.02	0.05715	2.5	PASS
11AC20MIMO	total	5600	5765-5780	---	---	---	-39.34	-26.02	0.11644	2.5	PASS
11AC20MIMO	Ant1	5700	5455-5460	5459.43	-44.81	1.89	-42.92	-26.02	0.05105	2.5	PASS
11AC20MIMO	Ant2	5700	5455-5460	5458.35	-44.45	1.63	-42.82	-26.02	0.05224	2.5	PASS
11AC20MIMO	total	5700	5455-5460	---	---	---	-39.86	-26.02	0.10329	2.5	PASS
11AC20MIMO	Ant1	5700	5460-5470	5468.50	-44.23	1.89	-42.34	-19.03	0.05834	12.5	PASS
11AC20MIMO	Ant2	5700	5460-5470	5460.97	-44.67	1.63	-43.04	-19.03	0.04966	12.5	PASS
11AC20MIMO	total	5700	5460-5470	---	---	---	-39.67	-19.03	0.10800	12.5	PASS
11AC20MIMO	Ant1	5700	5745-5765	5755.83	-44.26	1.89	-42.37	-19.03	0.05794	12.5	PASS
11AC20MIMO	Ant2	5700	5745-5765	5749.87	-44.14	1.63	-42.51	-19.03	0.05610	12.5	PASS
11AC20MIMO	total	5700	5745-5765	---	---	---	-39.43	-19.03	0.11404	12.5	PASS
11AC20MIMO	Ant1	5700	5765-5780	5774.60	-44.19	1.89	-42.3	-26.02	0.05888	2.5	PASS
11AC20MIMO	Ant2	5700	5765-5780	5771.00	-43.67	1.63	-42.04	-26.02	0.06252	2.5	PASS
11AC20MIMO	total	5700	5765-5780	---	---	---	-39.16	-26.02	0.12140	2.5	PASS
11AC20MIMO	Ant1	5720	5455-5460	5459.70	-44.03	1.89	-42.14	-26.02	0.06109	2.5	PASS
11AC20MIMO	Ant2	5720	5455-5460	5458.45	-44.21	1.63	-42.58	-26.02	0.05521	2.5	PASS
11AC20MIMO	total	5720	5455-5460	---	---	---	-39.34	-26.02	0.11630	2.5	PASS
11AC20MIMO	Ant1	5720	5460-5470	5460.83	-44.51	1.89	-42.62	-19.03	0.05470	12.5	PASS
11AC20MIMO	Ant2	5720	5460-5470	5461.22	-44.51	1.63	-42.88	-19.03	0.05152	12.5	PASS
11AC20MIMO	total	5720	5460-5470	---	---	---	-39.74	-19.03	0.10622	12.5	PASS
11AC20MIMO	Ant1	5720	5745-5765	5758.27	-44.09	1.89	-42.2	-19.03	0.06026	12.5	PASS
11AC20MIMO	Ant2	5720	5745-5765	5756.00	-43.85	1.63	-42.22	-19.03	0.05998	12.5	PASS
11AC20MIMO	total	5720	5745-5765	---	---	---	-39.20	-19.03	0.12024	12.5	PASS
11AC20MIMO	Ant1	5720	5765-5780	5769.83	-43.84	1.89	-41.95	-26.02	0.06383	2.5	PASS
11AC20MIMO	Ant2	5720	5765-5780	5773.38	-44.04	1.63	-42.41	-26.02	0.05741	2.5	PASS
11AC20MIMO	total	5720	5765-5780	---	---	---	-39.16	-26.02	0.12124	2.5	PASS
11AC40MIMO	Ant1	5190	5100-5141.6	5115.60	-44.91	0.86	-44.05	-26.02	0.03936	2.5	PASS
11AC40MIMO	Ant2	5190	5100-5141.6	5140.63	-45.35	2.35	-43	-26.02	0.05012	2.5	PASS
11AC40MIMO	total	5190	5100-5141.6	---	---	---	-40.48	-26.02	0.08948	2.5	PASS
11AC40MIMO	Ant1	5190	5141.6-5150	5148.07	-45.15	0.86	-44.29	-18.24	0.03724	15	PASS
11AC40MIMO	Ant2	5190	5141.6-5150	5149.97	-42.63	2.35	-40.28	-18.24	0.09376	15	PASS
11AC40MIMO	total	5190	5141.6-5150	---	---	---	-38.83	-18.24	0.13100	15	PASS
11AC40MIMO	Ant1	5190	5250-5251	5250.96	-44.56	0.86	-43.7	-12.61	0.04266	54.83	PASS
11AC40MIMO	Ant2	5190	5250-5251	5250.96	-44.89	2.35	-42.54	-12.61	0.05572	54.83	PASS
11AC40MIMO	total	5190	5250-5251	---	---	---	-40.07	-12.61	0.09838	54.83	PASS
11AC40MIMO	Ant1	5190	5251-5270	5269.81	-45.07	0.86	-44.21	-20.93	0.03793	8.07	PASS
11AC40MIMO	Ant2	5190	5251-5270	5268.86	-45.04	2.35	-42.69	-20.53	0.05383	8.85	PASS
11AC40MIMO	total	5190	5251-5270	---	---	---	-40.37	-20.93	0.09176	8.07	PASS
11AC40MIMO	Ant1	5190	5270-5278.4	5278.16	-45.00	0.86	-44.14	-25.91	0.03855	2.57	PASS
11AC40MIMO	Ant2	5190	5270-5278.4	5278.39	-44.91	2.35	-42.56	-26.04	0.05546	2.49	PASS
11AC40MIMO	total	5190	5270-5278.4	---	---	---	-40.27	-26.04	0.09401	2.49	PASS
11AC40MIMO	Ant1	5190	5278.4-5400	5382.57	-43.15	0.86	-42.29	-26.02	0.05902	2.5	PASS
11AC40MIMO	Ant2	5190	5278.4-5400	5355.41	-43.77	2.35	-41.42	-26.02	0.07211	2.5	PASS
11AC40MIMO	total	5190	5278.4-5400	---	---	---	-38.82	-26.02	0.13113	2.5	PASS
11AC40MIMO	Ant1	5230	5100-5141.6	5106.03	-44.60	0.86	-43.74	-26.02	0.04227	2.5	PASS
11AC40MIMO	Ant2	5230	5100-5141.6	5104.78	-45.53	2.35	-43.18	-26.02	0.04808	2.5	PASS
11AC40MIMO	total	5230	5100-5141.6	---	---	---	-40.44	-26.02	0.09035	2.5	PASS
11AC40MIMO	Ant1	5230	5141.6-5150	5147.82	-45.29	0.86	-44.43	-18.24	0.03606	15	PASS
11AC40MIMO	Ant2	5230	5141.6-5150	5143.07	-44.86	2.35	-42.51	-18.24	0.05610	15	PASS

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