

Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Channel	Freq Range [Mhz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	3.08	3.08	---	PASS
			30~1000	3.08	-69.87	≤-16.92	PASS
			1000~26500	3.08	-54.75	≤-16.92	PASS
	Ant2	2412	Reference	3.63	3.63	---	PASS
			30~1000	3.63	-69.79	≤-16.37	PASS
			1000~26500	3.63	-55.67	≤-16.37	PASS
	Ant1	2437	Reference	3.11	3.11	---	PASS
			30~1000	3.11	-70.41	≤-16.89	PASS
			1000~26500	3.11	-54.91	≤-16.89	PASS
	Ant2	2437	Reference	2.86	2.86	---	PASS
			30~1000	2.86	-70.03	≤-17.14	PASS
			1000~26500	2.86	-55.12	≤-17.14	PASS
	Ant1	2462	Reference	3.70	3.70	---	PASS
			30~1000	3.70	-68.96	≤-16.3	PASS
			1000~26500	3.70	-54.98	≤-16.3	PASS
	Ant2	2462	Reference	3.58	3.58	---	PASS
			30~1000	3.58	-69.56	≤-16.42	PASS
			1000~26500	3.58	-55.47	≤-16.42	PASS
11G	Ant1	2412	Reference	-0.13	-0.13	---	PASS
			30~1000	-0.13	-69.81	≤-20.13	PASS
			1000~26500	-0.13	-55.68	≤-20.13	PASS
	Ant2	2412	Reference	0.30	0.30	---	PASS
			30~1000	0.30	-70.91	≤-19.7	PASS
			1000~26500	0.30	-55.53	≤-19.7	PASS
	Ant1	2437	Reference	-0.81	-0.81	---	PASS
			30~1000	-0.81	-69.54	≤-20.81	PASS
			1000~26500	-0.81	-55.62	≤-20.81	PASS
	Ant2	2437	Reference	2.42	2.42	---	PASS
			30~1000	2.42	-70.11	≤-17.59	PASS
			1000~26500	2.42	-55.09	≤-17.59	PASS
	Ant1	2462	Reference	-0.02	-0.02	---	PASS
			30~1000	-0.02	-70.58	≤-20.02	PASS
			1000~26500	-0.02	-55.93	≤-20.02	PASS
	Ant2	2462	Reference	-0.22	-0.22	---	PASS
			30~1000	-0.22	-69.84	≤-20.22	PASS
			1000~26500	-0.22	-55.09	≤-20.22	PASS
11N20	Ant1	2412	Reference	-0.19	-0.19	---	PASS

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11N40	Ant2	2412	30~1000	-0.19	-70.59	≤ -20.19	PASS
			1000~26500	-0.19	-55.27	≤ -20.19	PASS
			Reference	0.78	0.78	---	PASS
			30~1000	0.78	-70.44	≤ -19.22	PASS
			1000~26500	0.78	-55.02	≤ -19.22	PASS
			Reference	2.03	2.03	---	PASS
	Ant1	2437	30~1000	2.03	-69.94	≤ -17.97	PASS
			1000~26500	2.03	-55.01	≤ -17.97	PASS
			Reference	2.18	2.18	---	PASS
	Ant2	2437	30~1000	2.18	-70.51	≤ -17.82	PASS
			1000~26500	2.18	-55.47	≤ -17.82	PASS
			Reference	-0.16	-0.16	---	PASS
	Ant1	2462	30~1000	-0.16	-69.38	≤ -20.16	PASS
			1000~26500	-0.16	-54.71	≤ -20.16	PASS
			Reference	-0.54	-0.54	---	PASS
	Ant2	2462	30~1000	-0.54	-70.08	≤ -20.54	PASS
			1000~26500	-0.54	-55.34	≤ -20.54	PASS
			Reference	-4.03	-4.03	---	PASS
	Ant1	2422	30~1000	-4.03	-69.71	≤ -24.03	PASS
			1000~26500	-4.03	-55.16	≤ -24.03	PASS
			Reference	-2.99	-2.99	---	PASS
	Ant2	2422	30~1000	-2.99	-69.66	≤ -22.99	PASS
			1000~26500	-2.99	-55.3	≤ -22.99	PASS
			Reference	-1.16	-1.16	---	PASS
	Ant1	2437	30~1000	-1.16	-70.53	≤ -21.16	PASS
			1000~26500	-1.16	-56	≤ -21.16	PASS
			Reference	-0.44	-0.44	---	PASS
	Ant2	2437	30~1000	-0.44	-70.5	≤ -20.44	PASS
			1000~26500	-0.44	-55.72	≤ -20.44	PASS
			Reference	-5.83	-5.83	---	PASS
	Ant1	2452	30~1000	-5.83	-70.08	≤ -25.83	PASS
			1000~26500	-5.83	-55.22	≤ -25.83	PASS
			Reference	-3.99	-3.99	---	PASS
	Ant2	2452	30~1000	-3.99	-70.5	≤ -23.99	PASS
			1000~26500	-3.99	-55.54	≤ -23.99	PASS

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Test Graphs

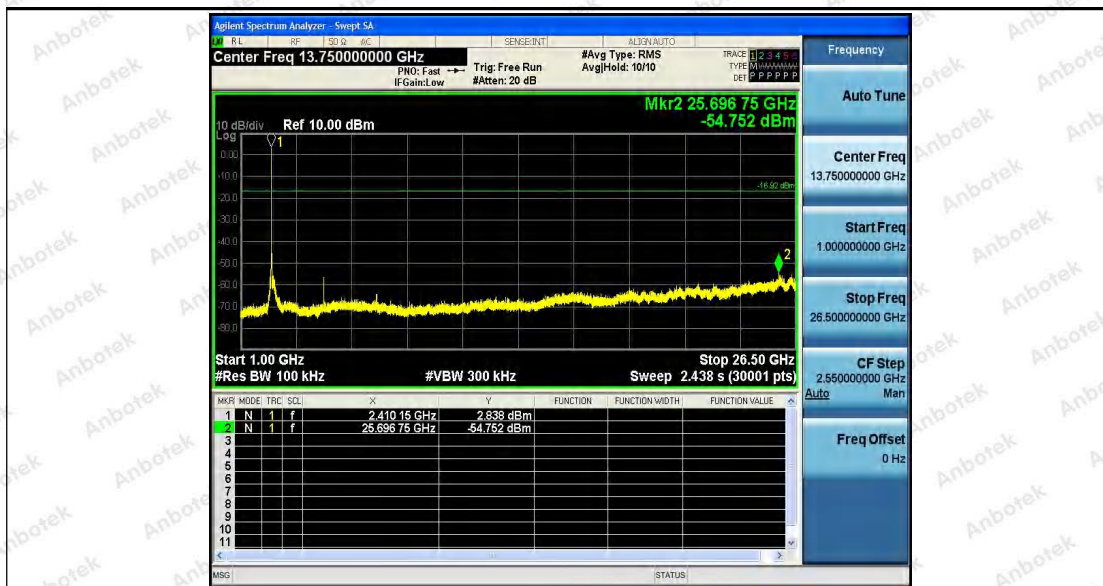


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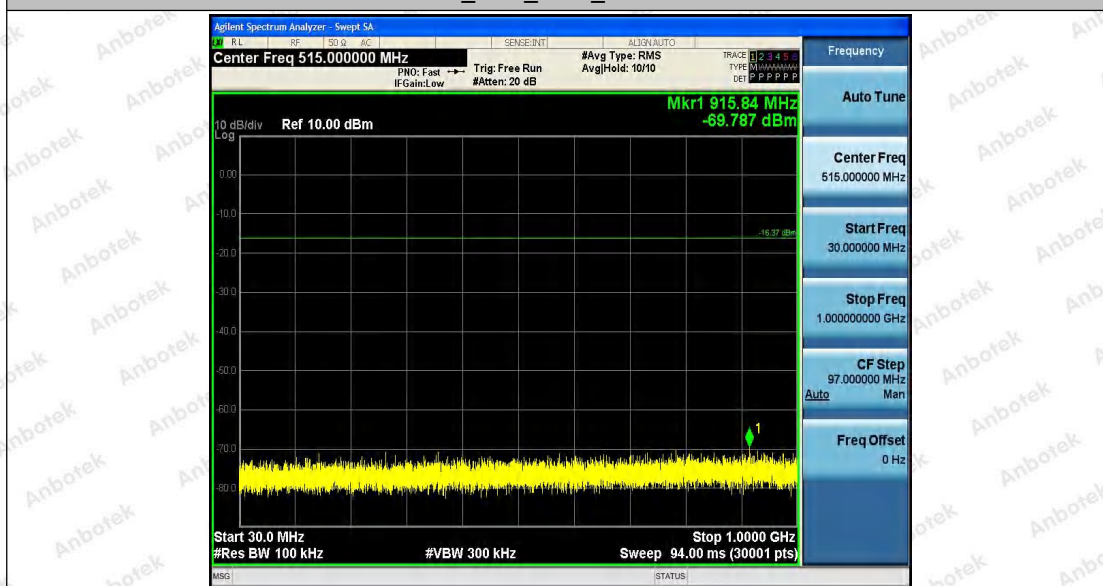
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11B_Ant2_2412_0~Reference



11B_Ant2_2412_30~1000



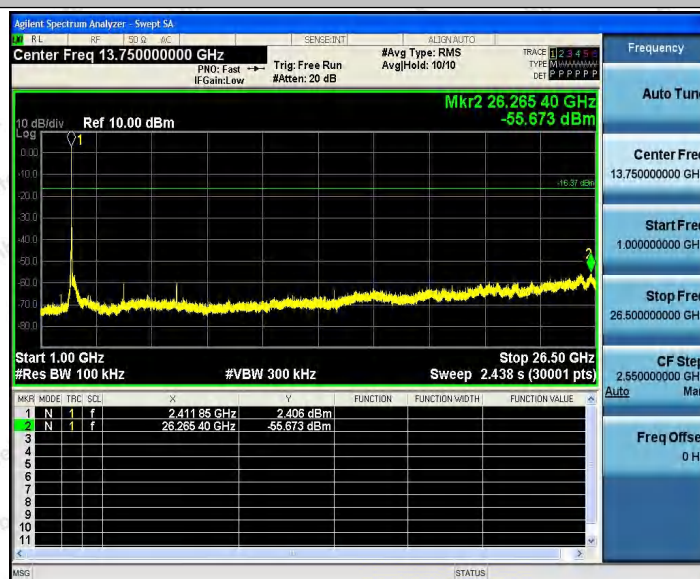
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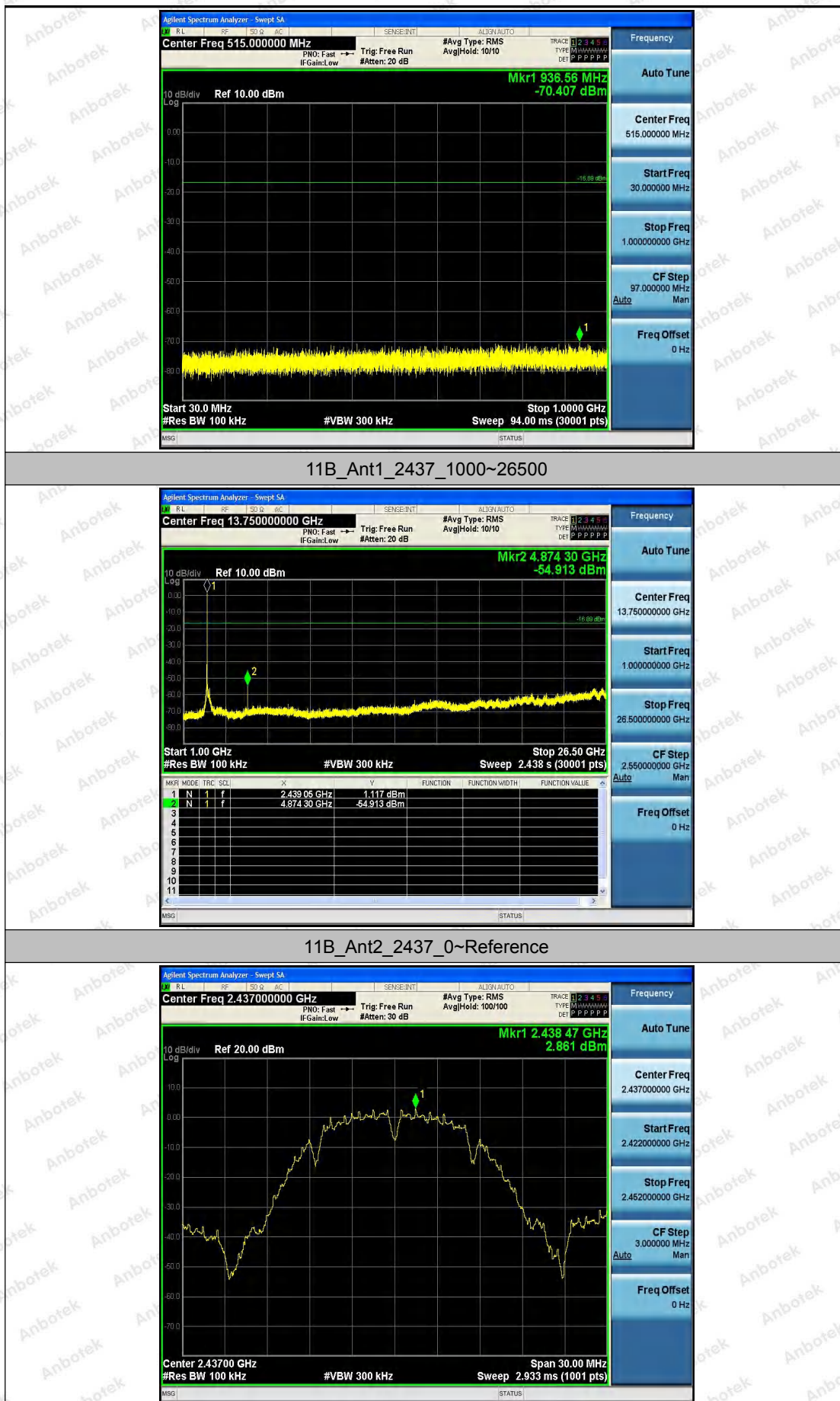
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11B_Ant1_2437_0~Reference



11B_Ant1_2437_30~1000

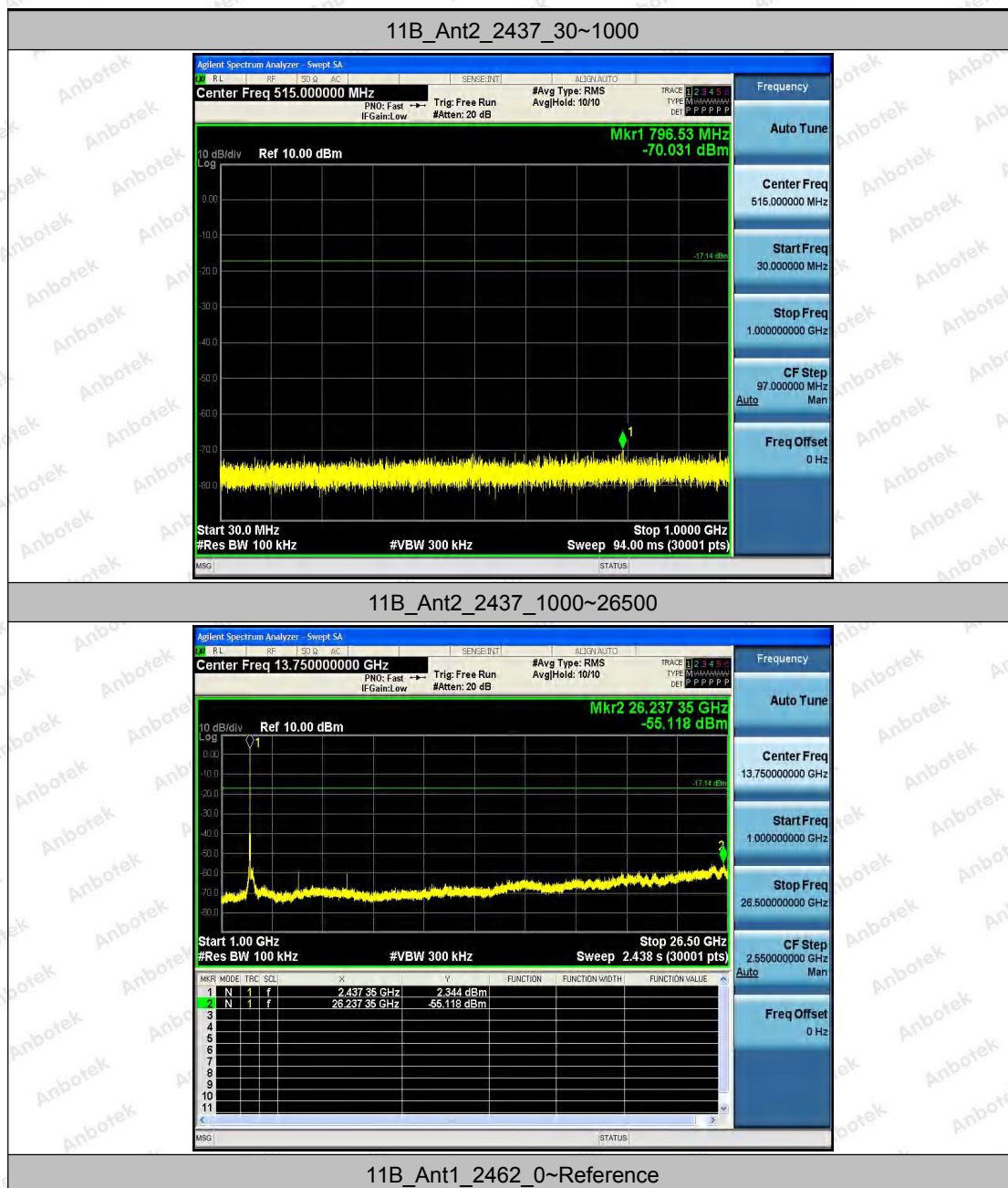


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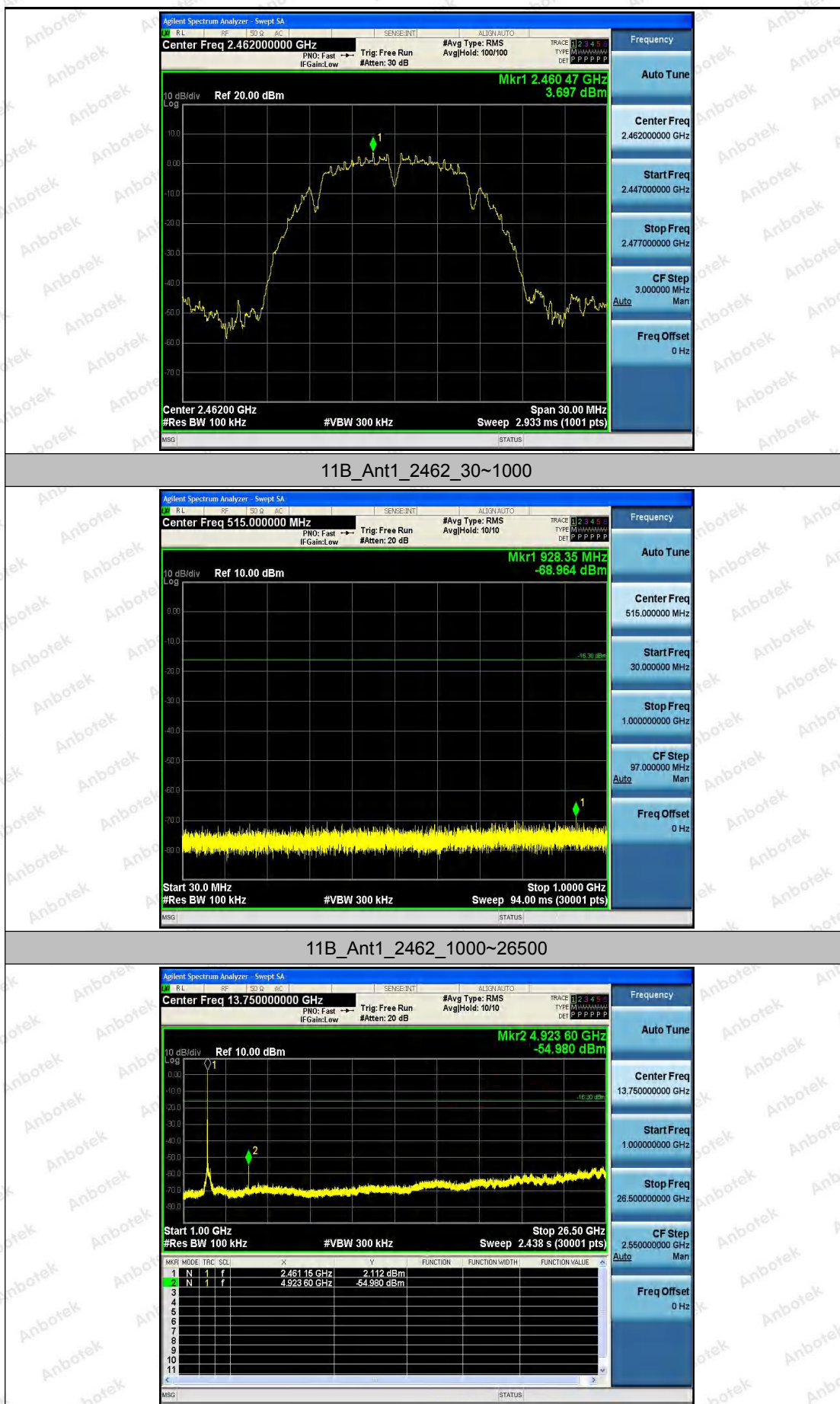


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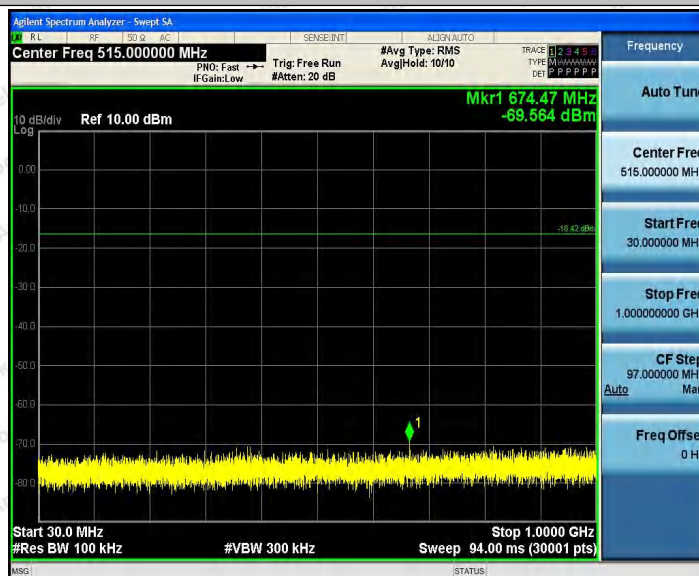
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11B_Ant2_2462_0~Reference



11B_Ant2_2462_30~1000



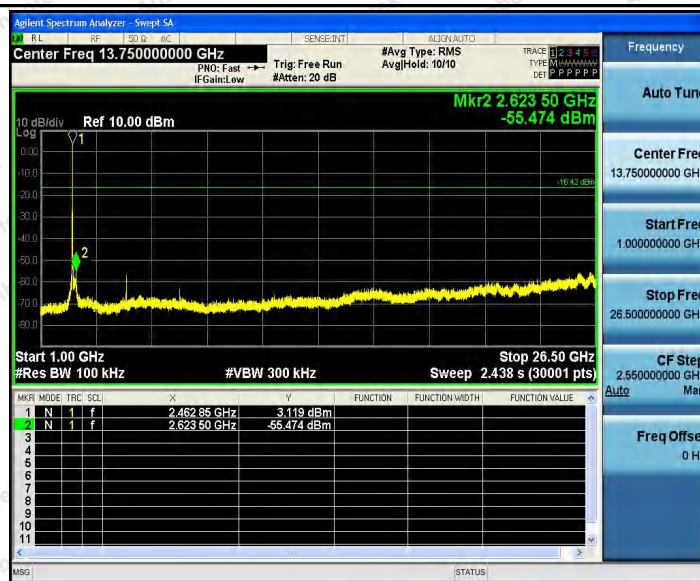
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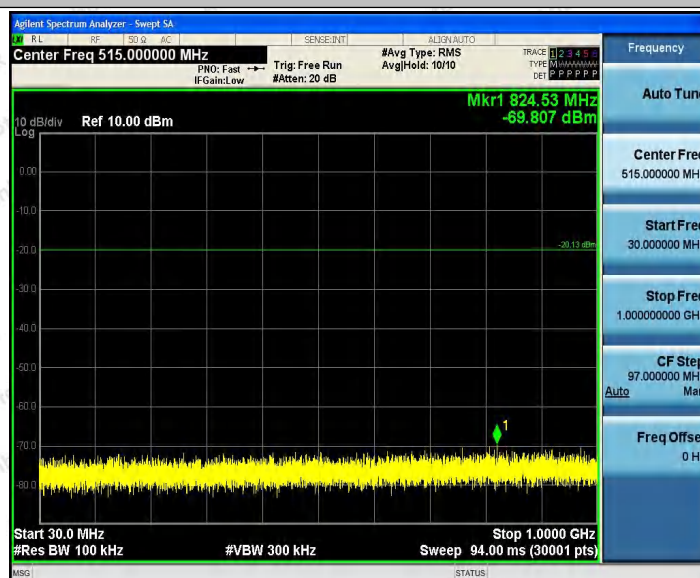
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11G_Ant1_2412_0~Reference



11G_Ant1_2412_30~1000



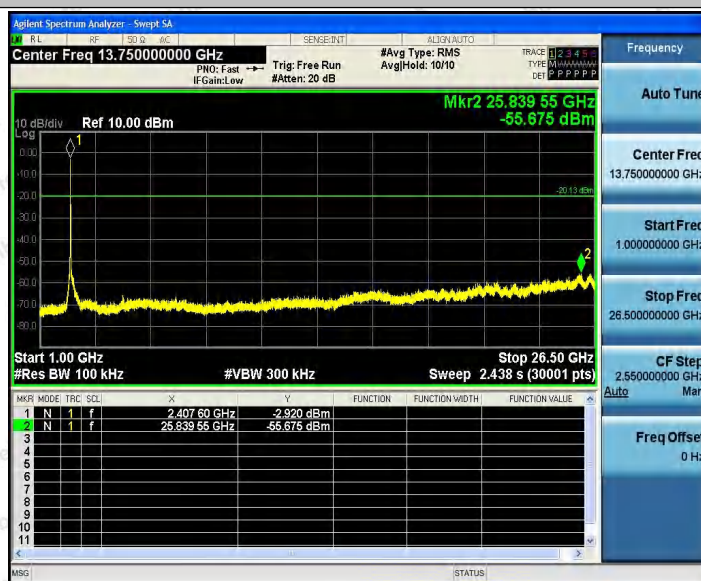
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11G_Ant1_2412_1000~26500



11G_Ant2_2412_0~Reference



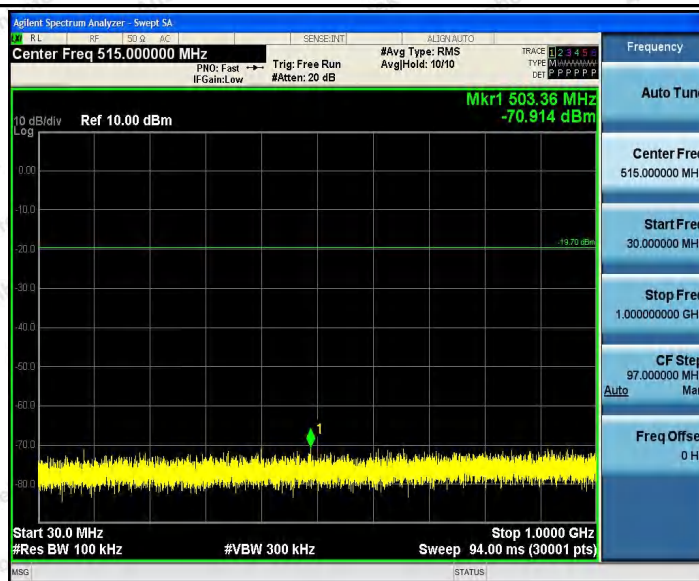
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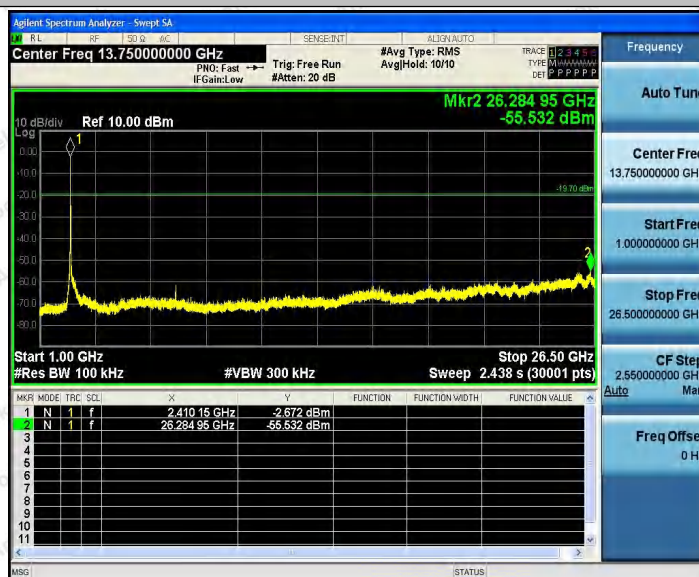
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11G Ant2 2412 1000~26500



11G Ant1 2437 0~Reference



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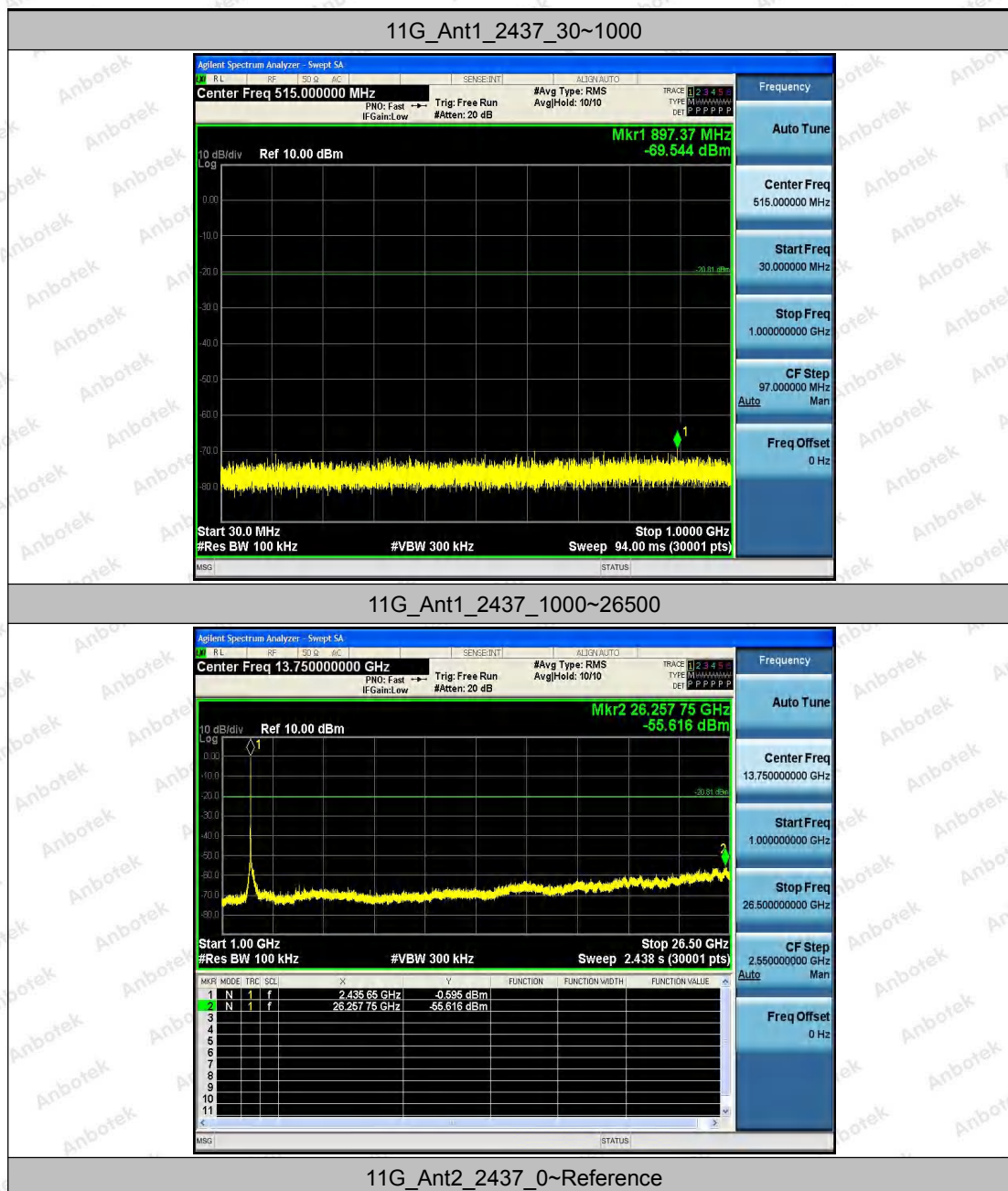
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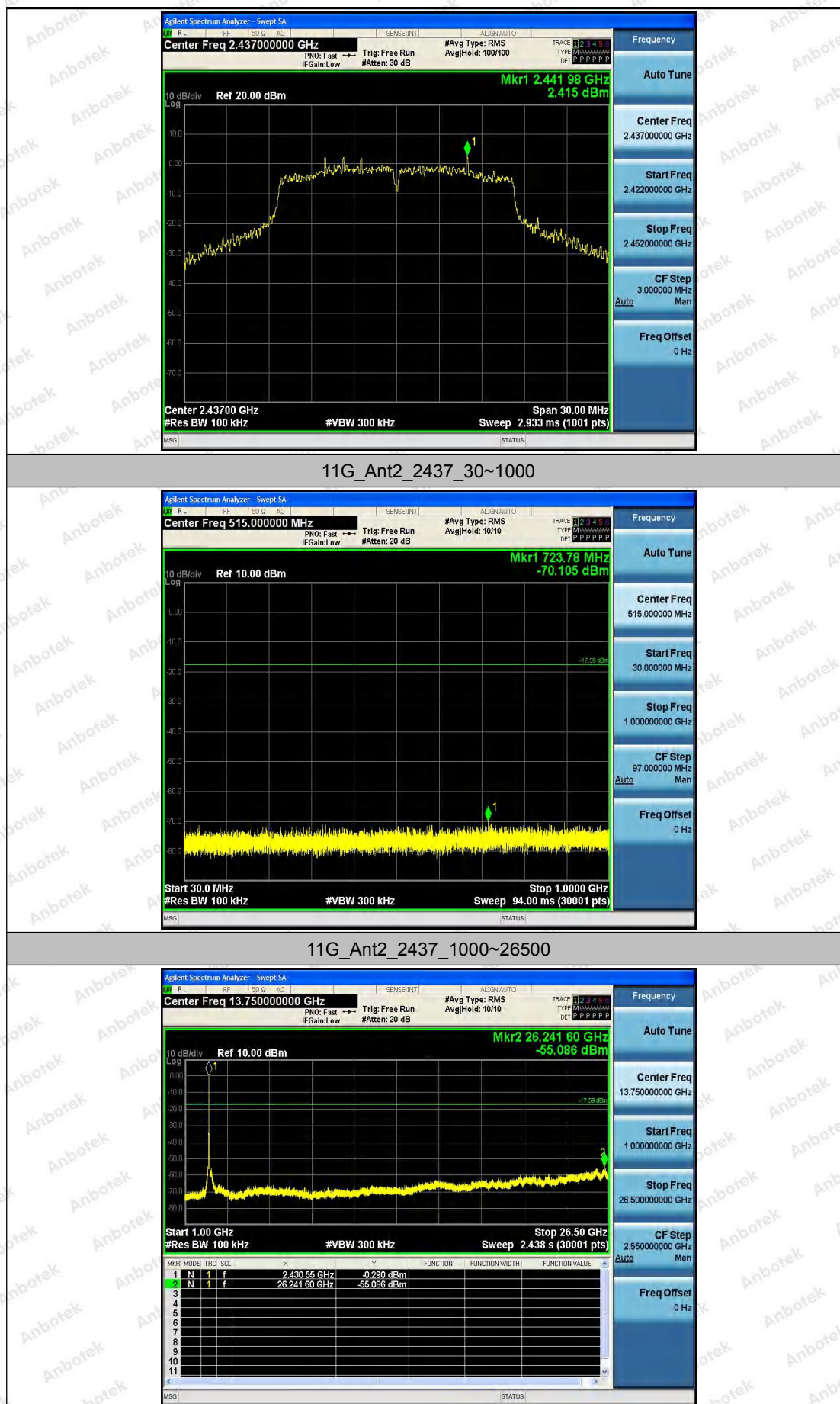


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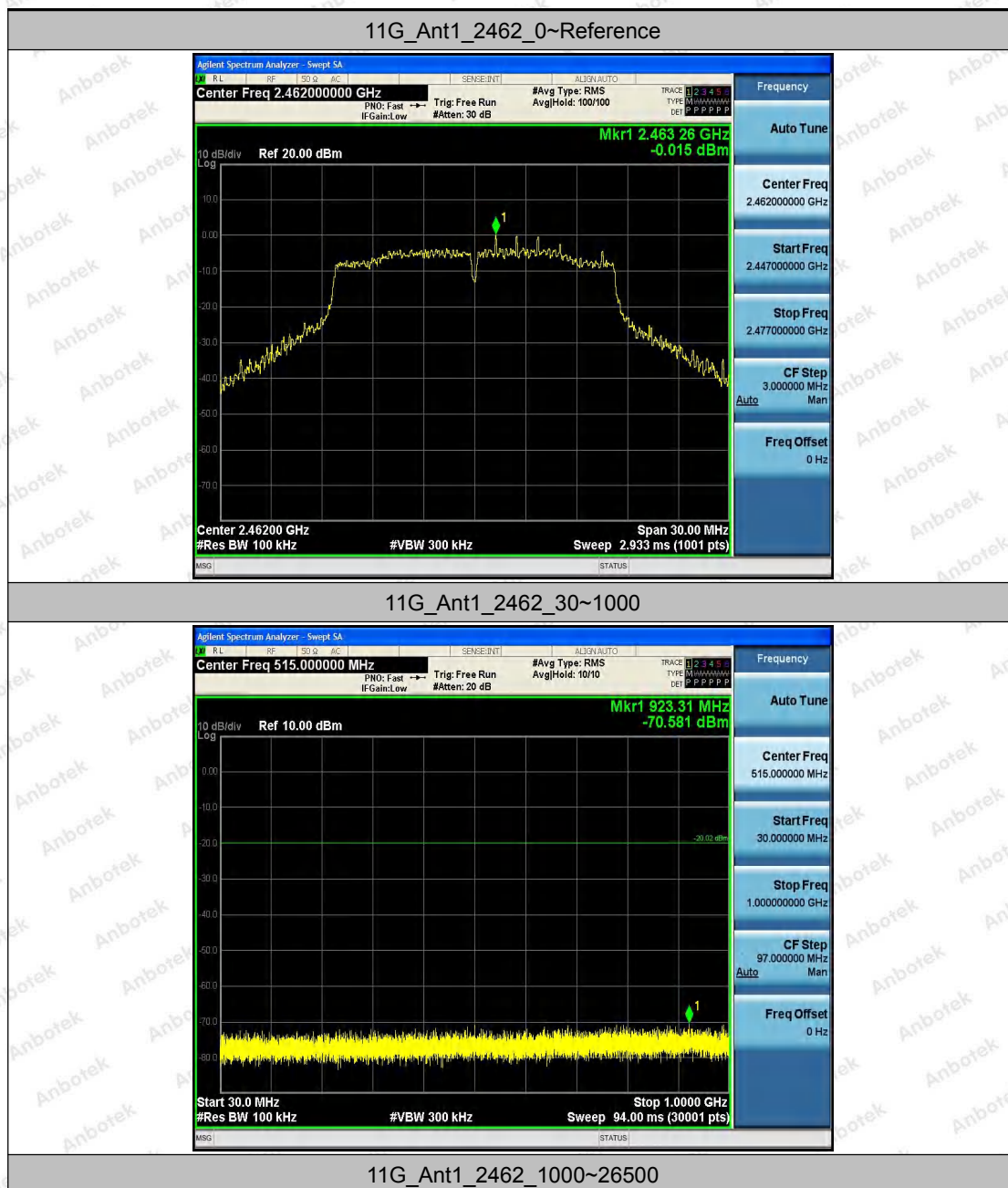


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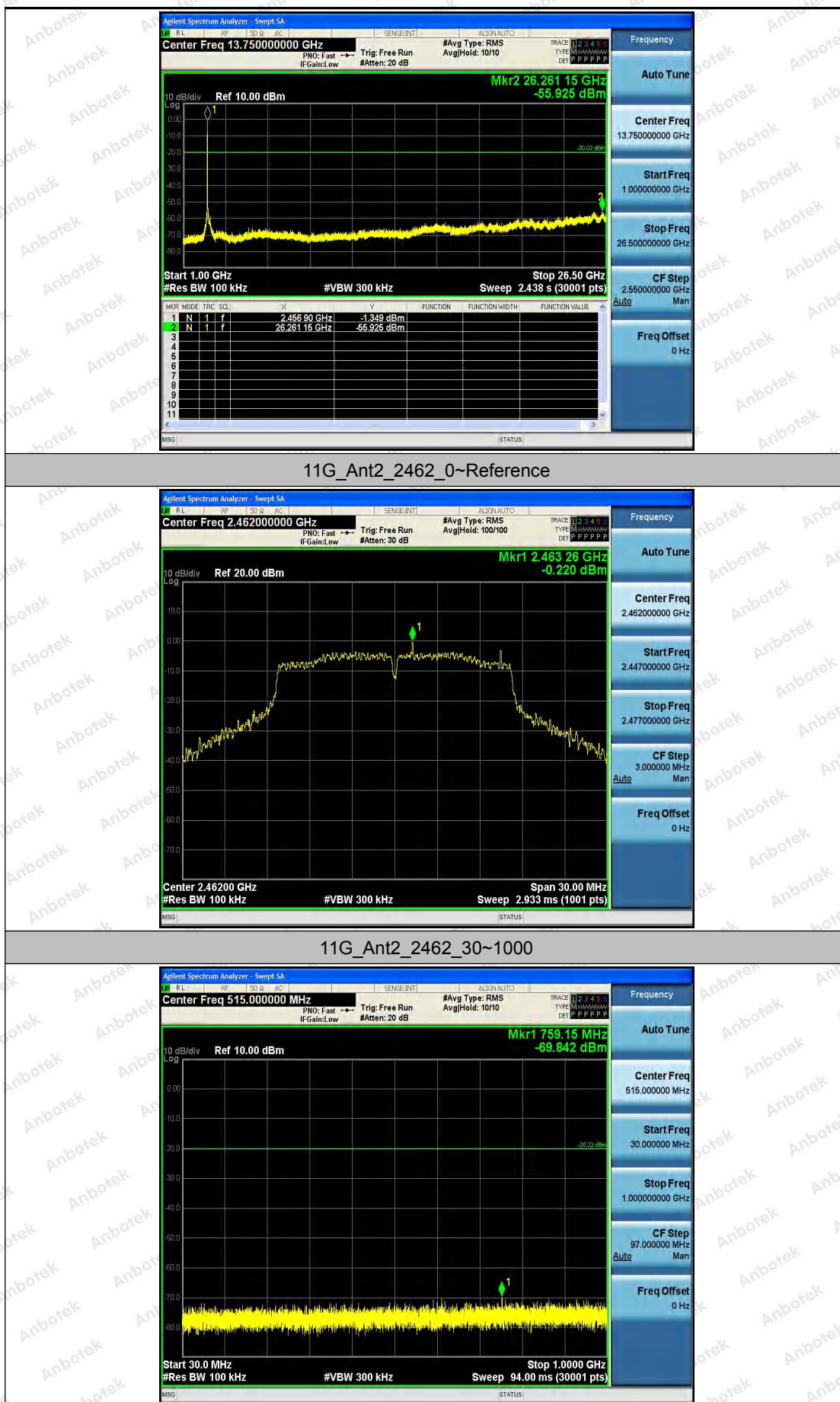


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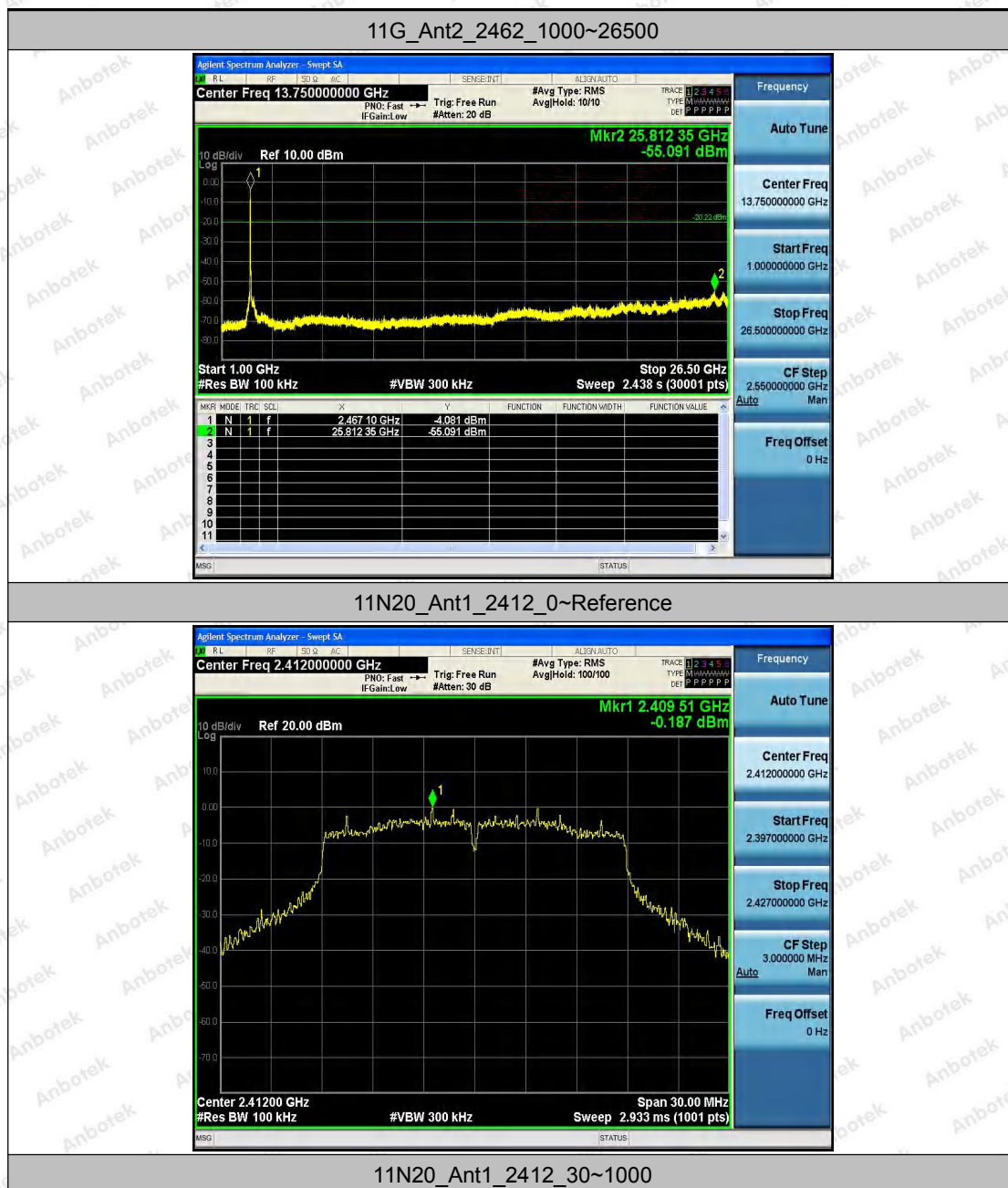


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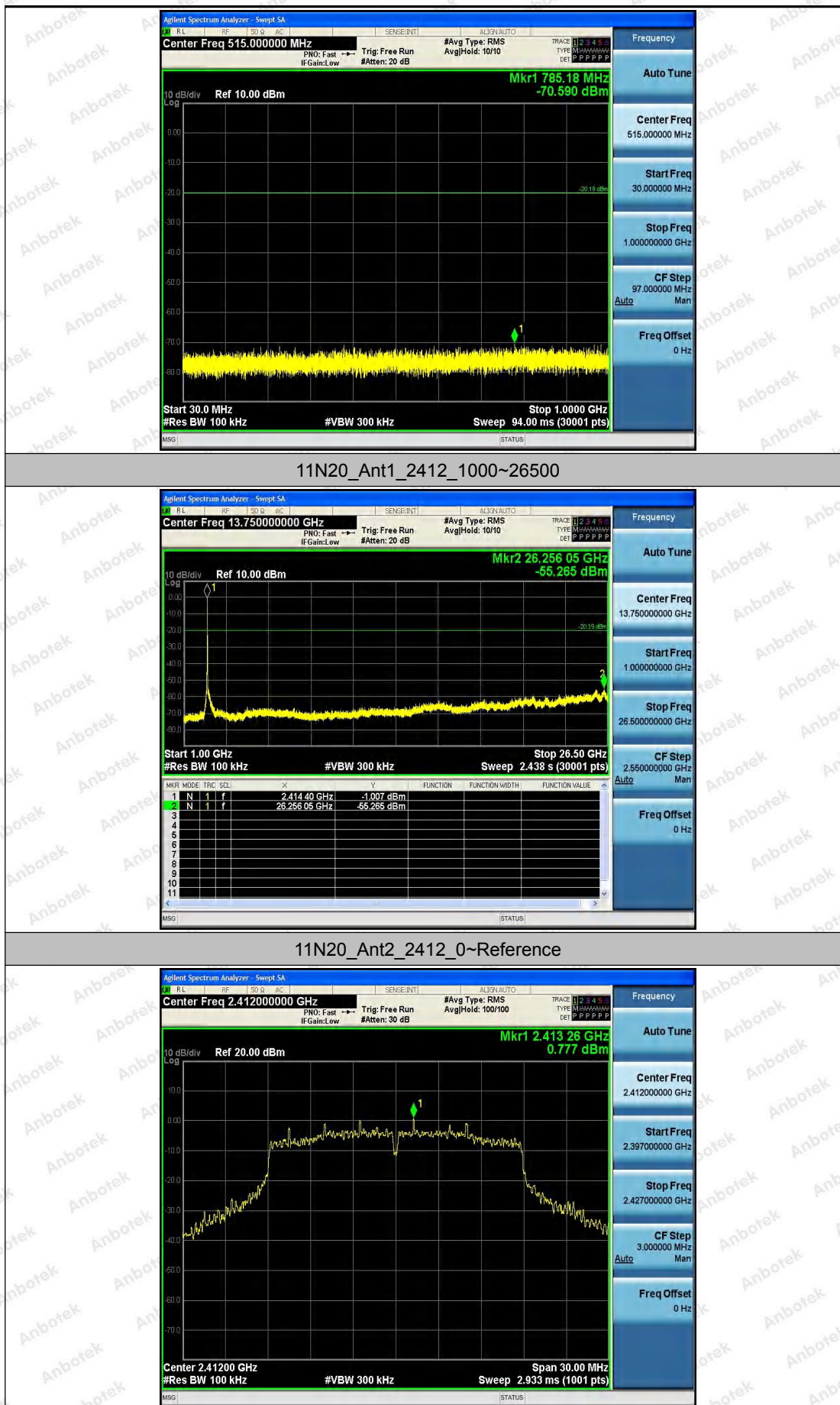


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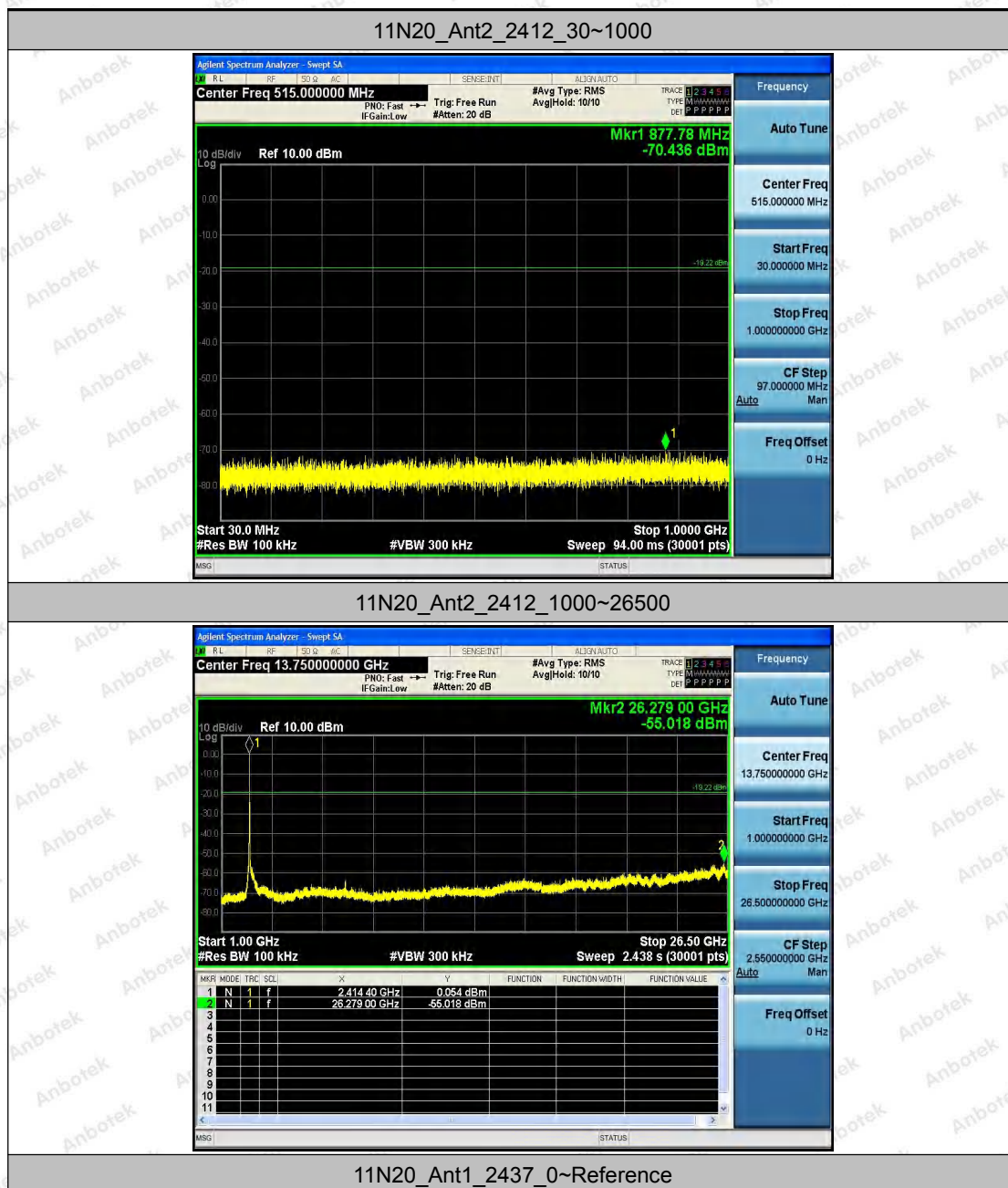


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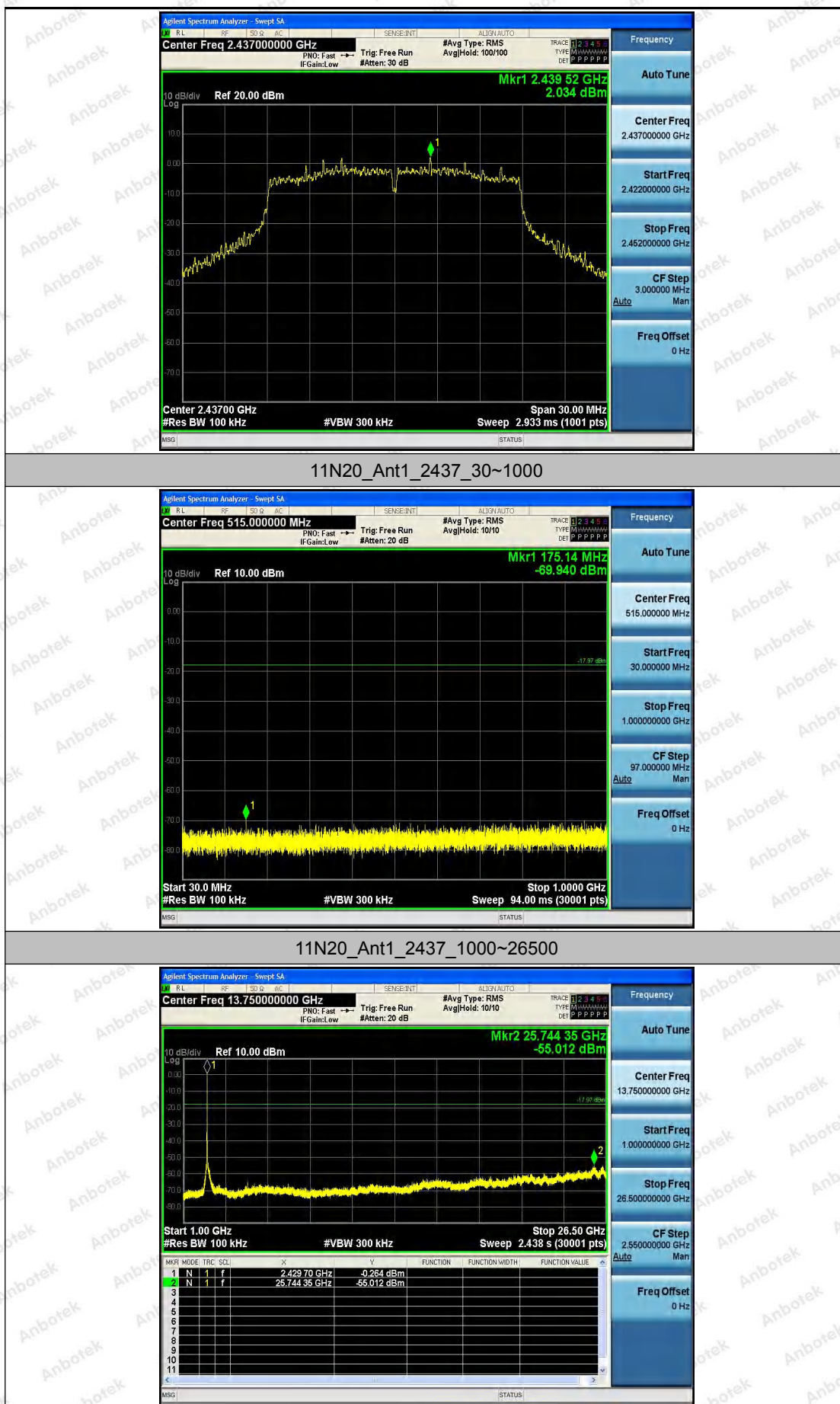


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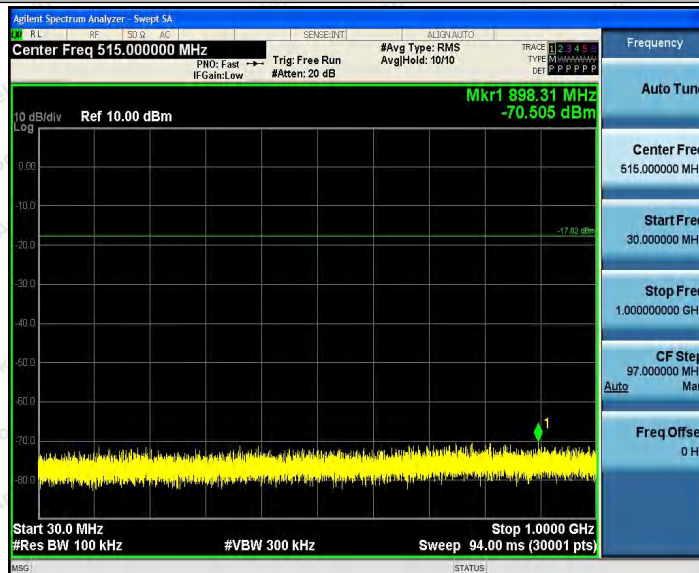
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11N20_Ant2_2437_0~Reference



11N20_Ant2_2437_30~1000



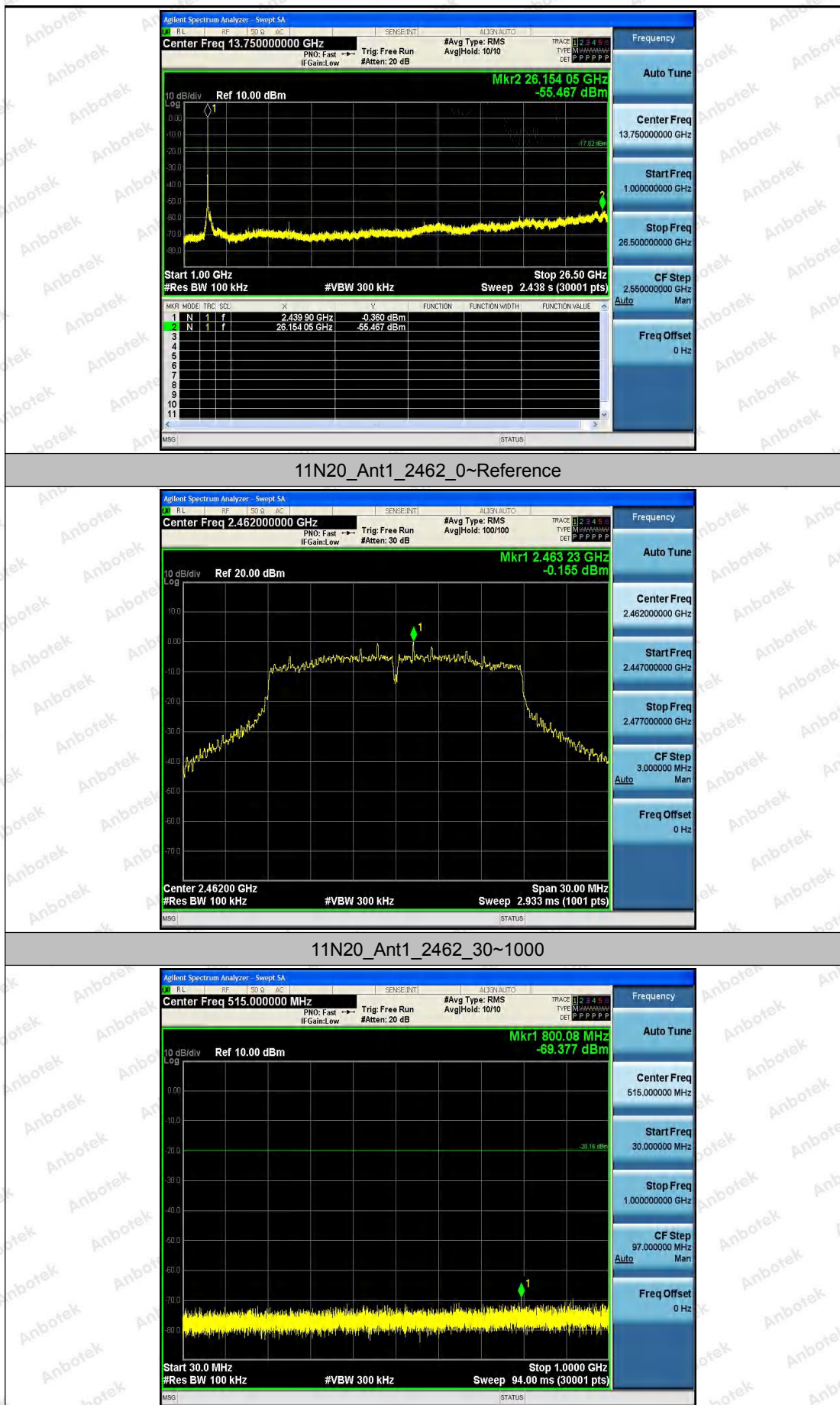
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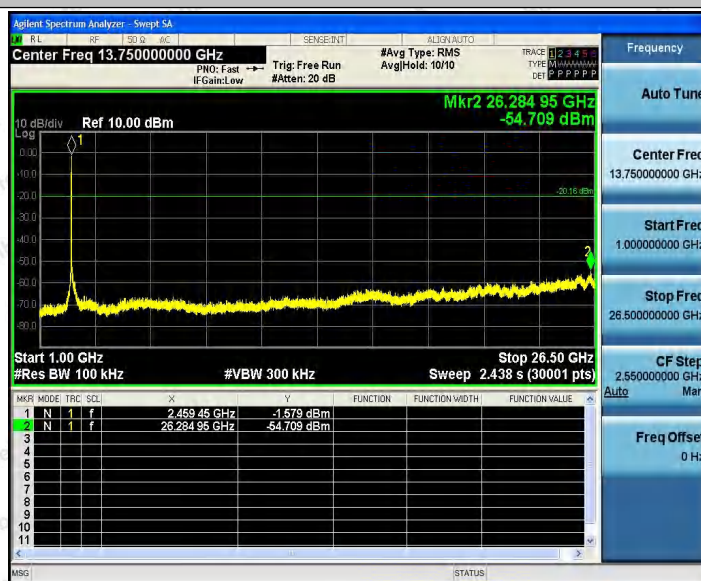
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11N20_Ant1_2462_1000~26500



11N20_Ant2_2462_0~Reference



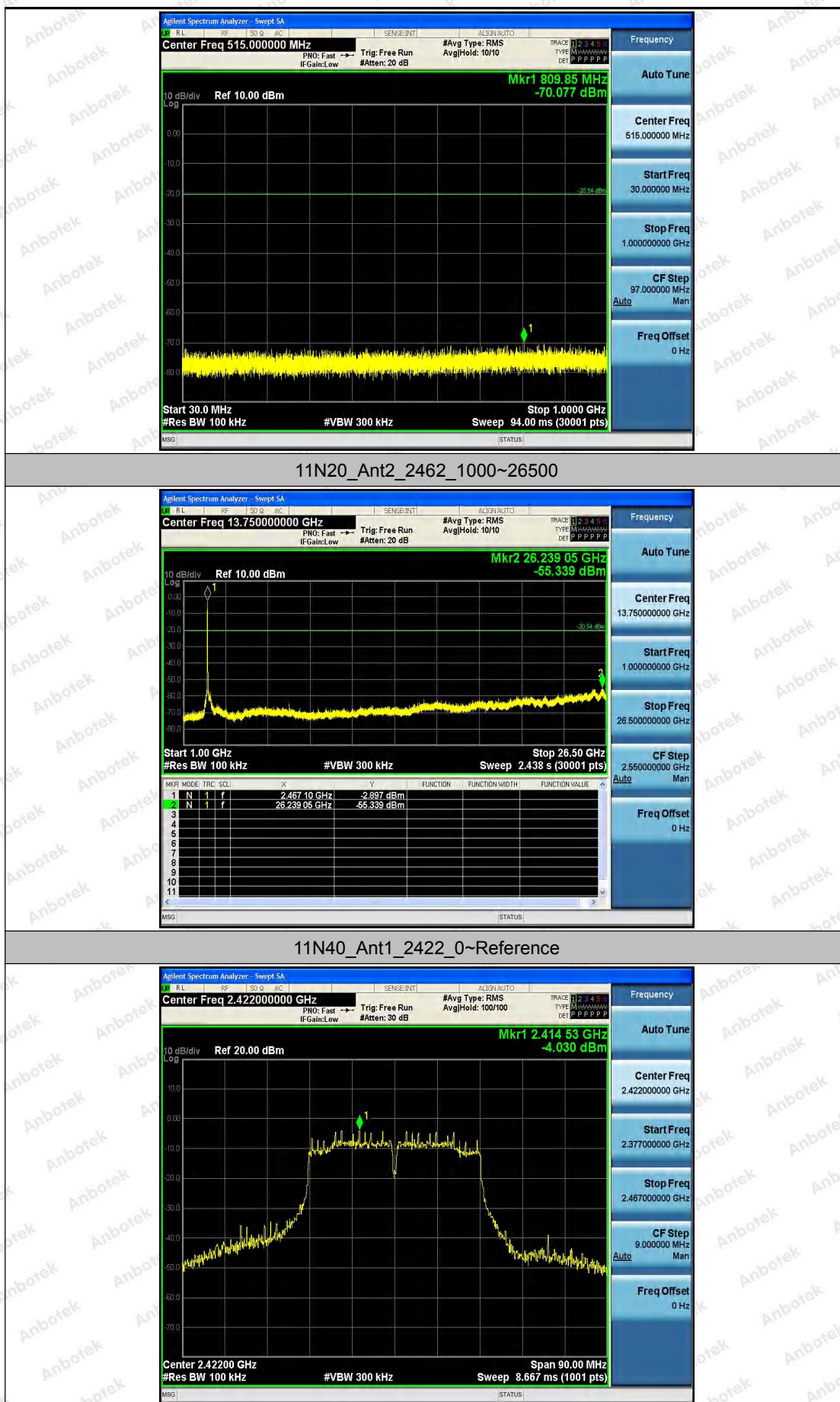
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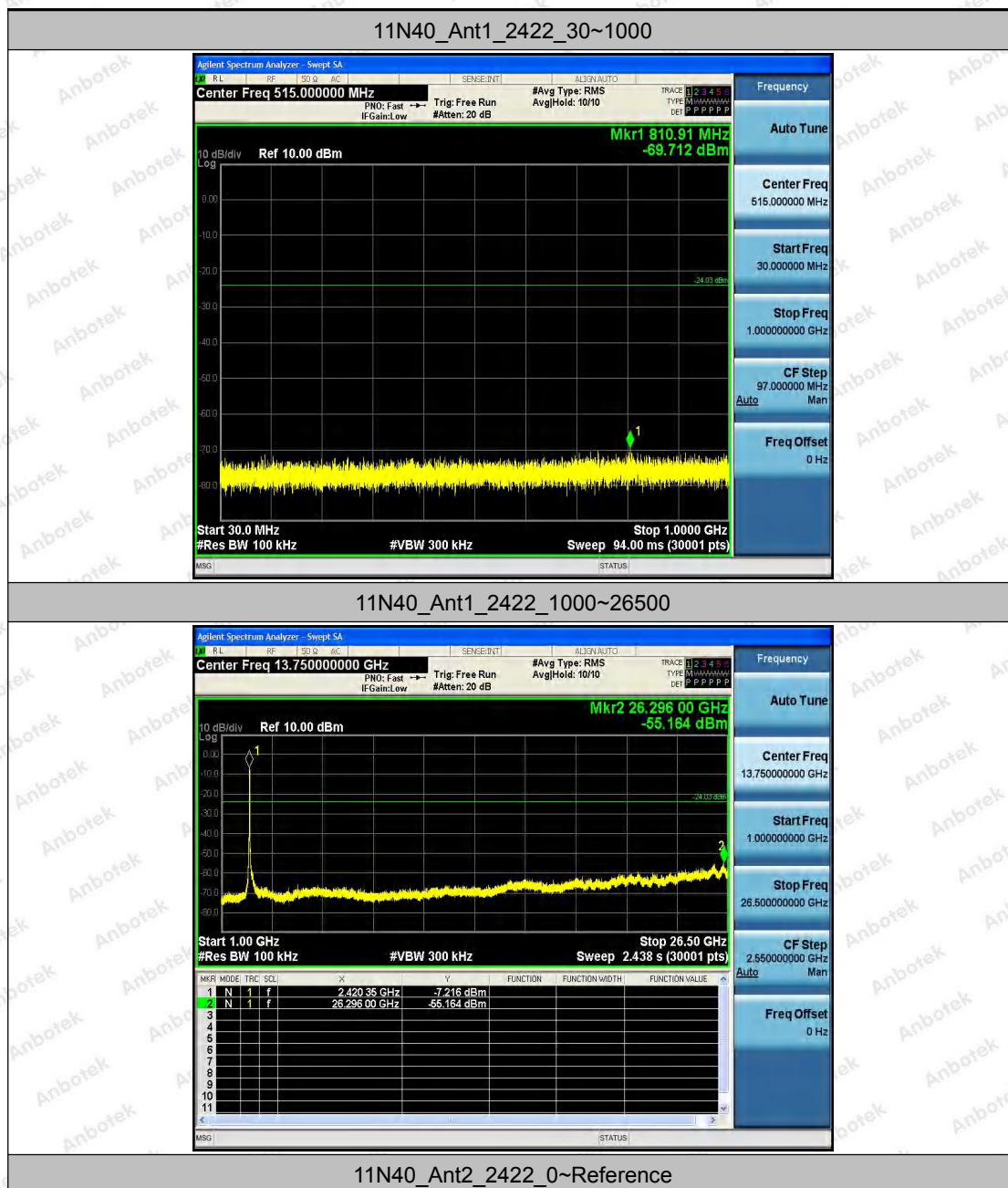


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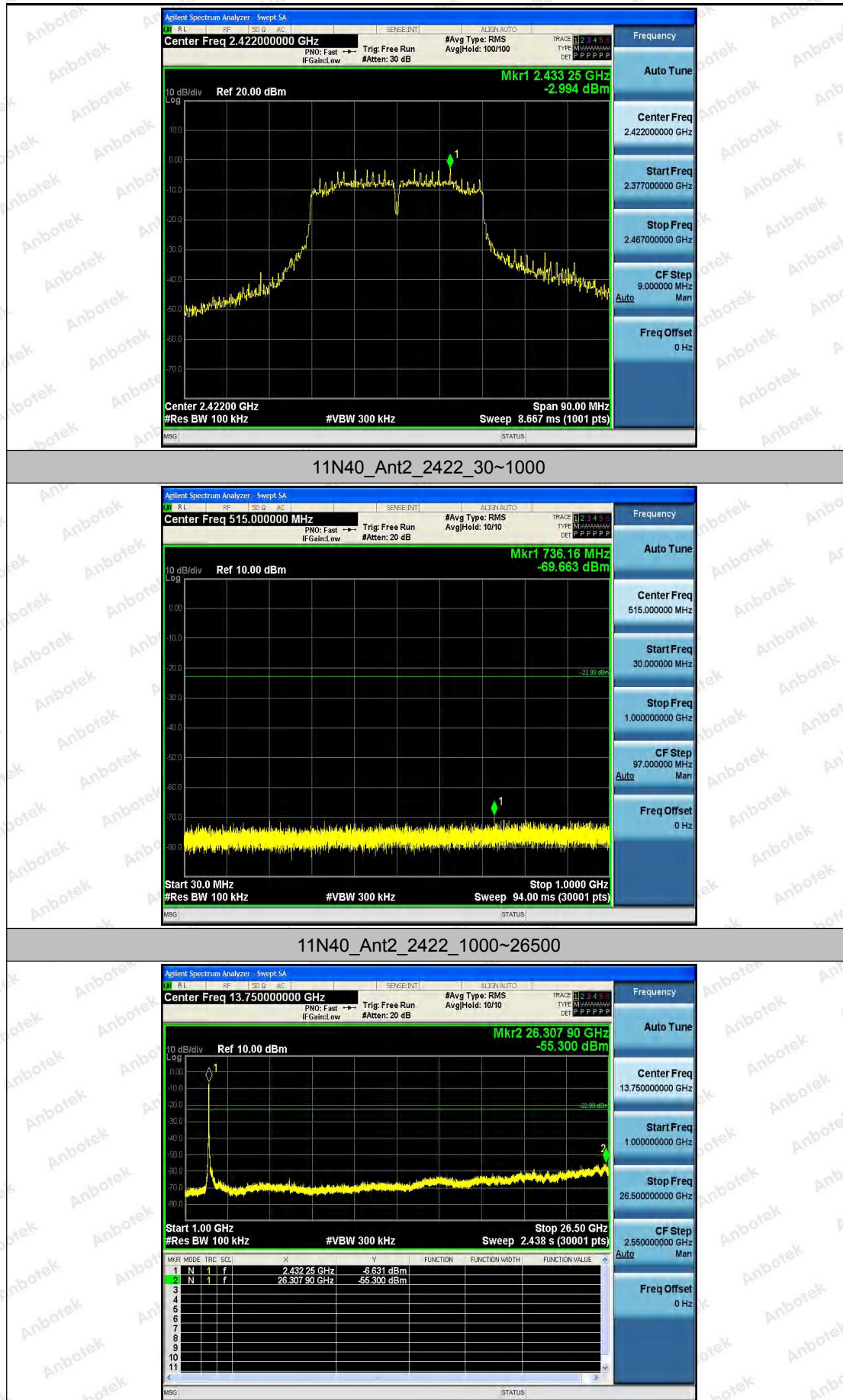


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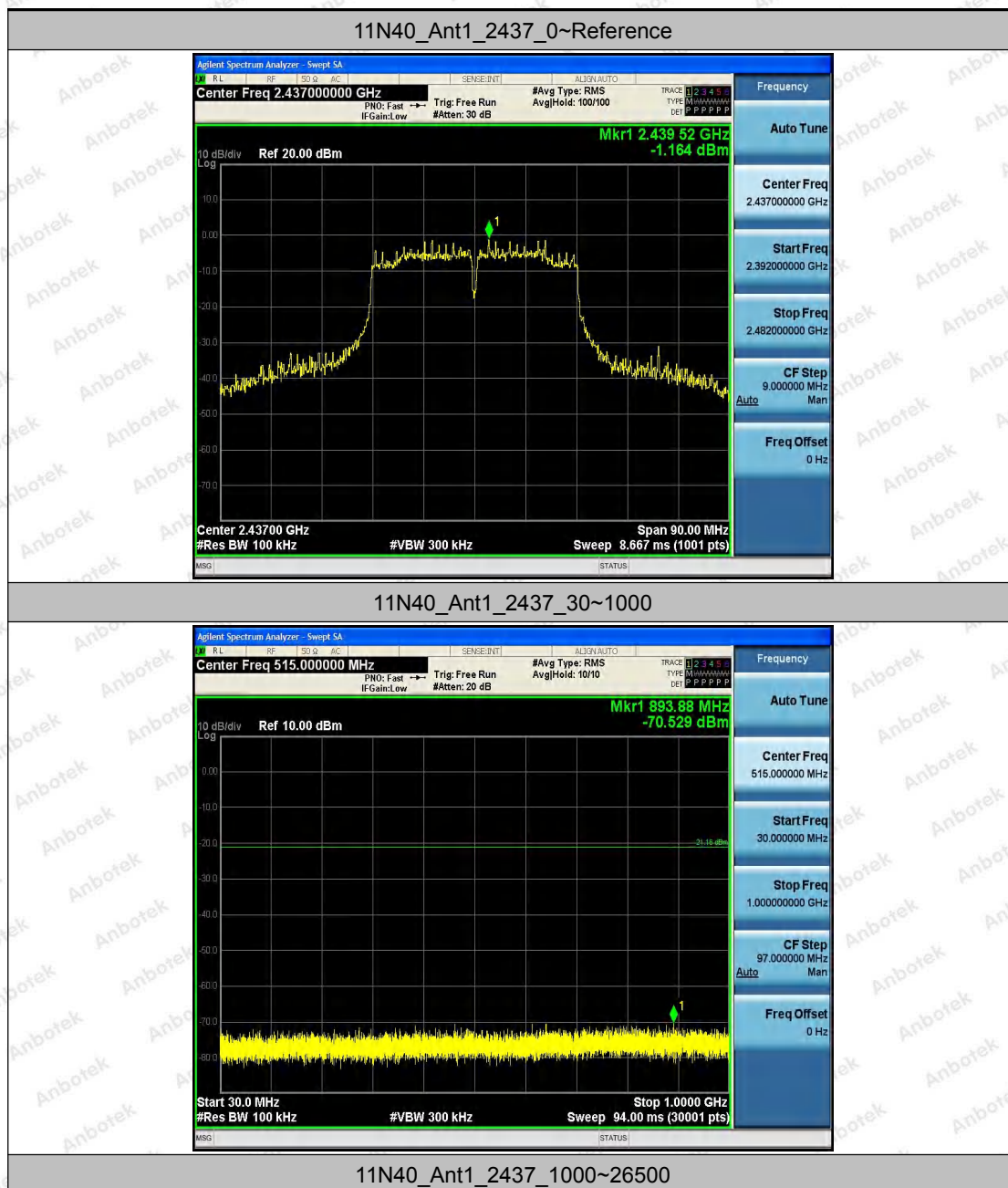


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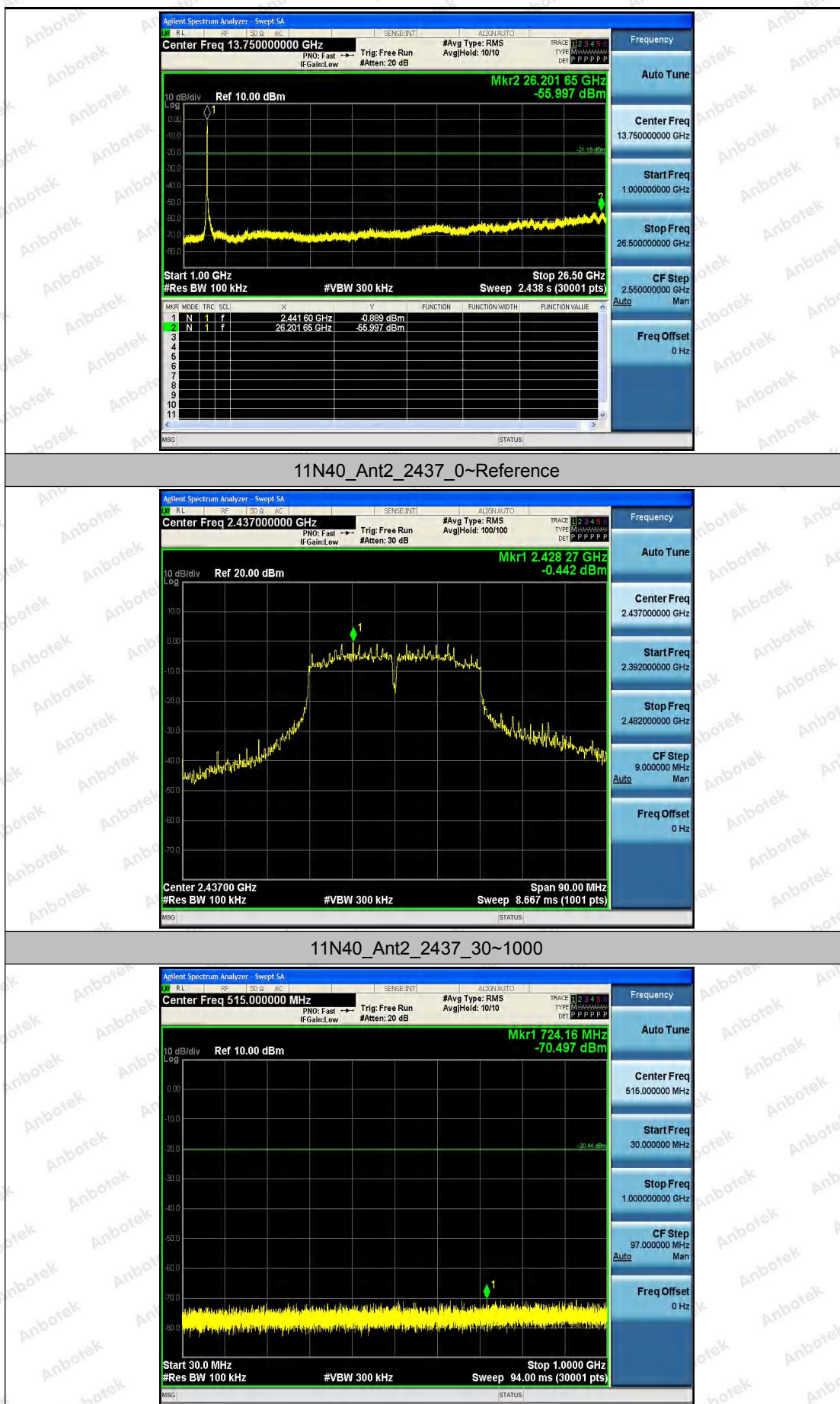


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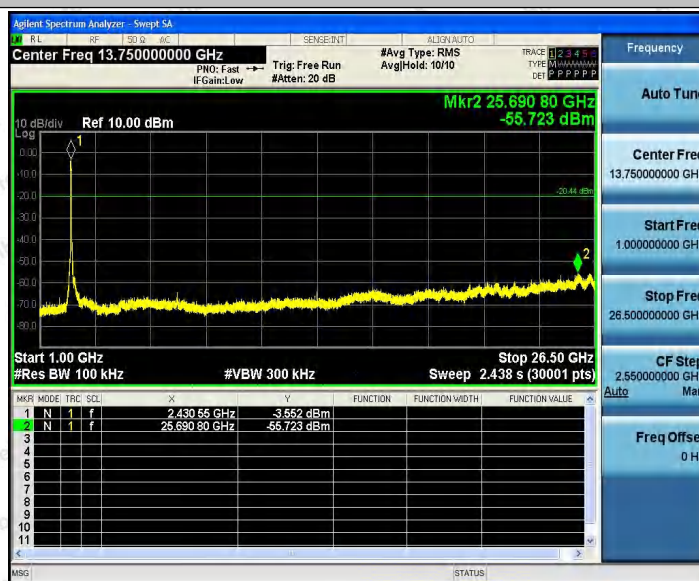
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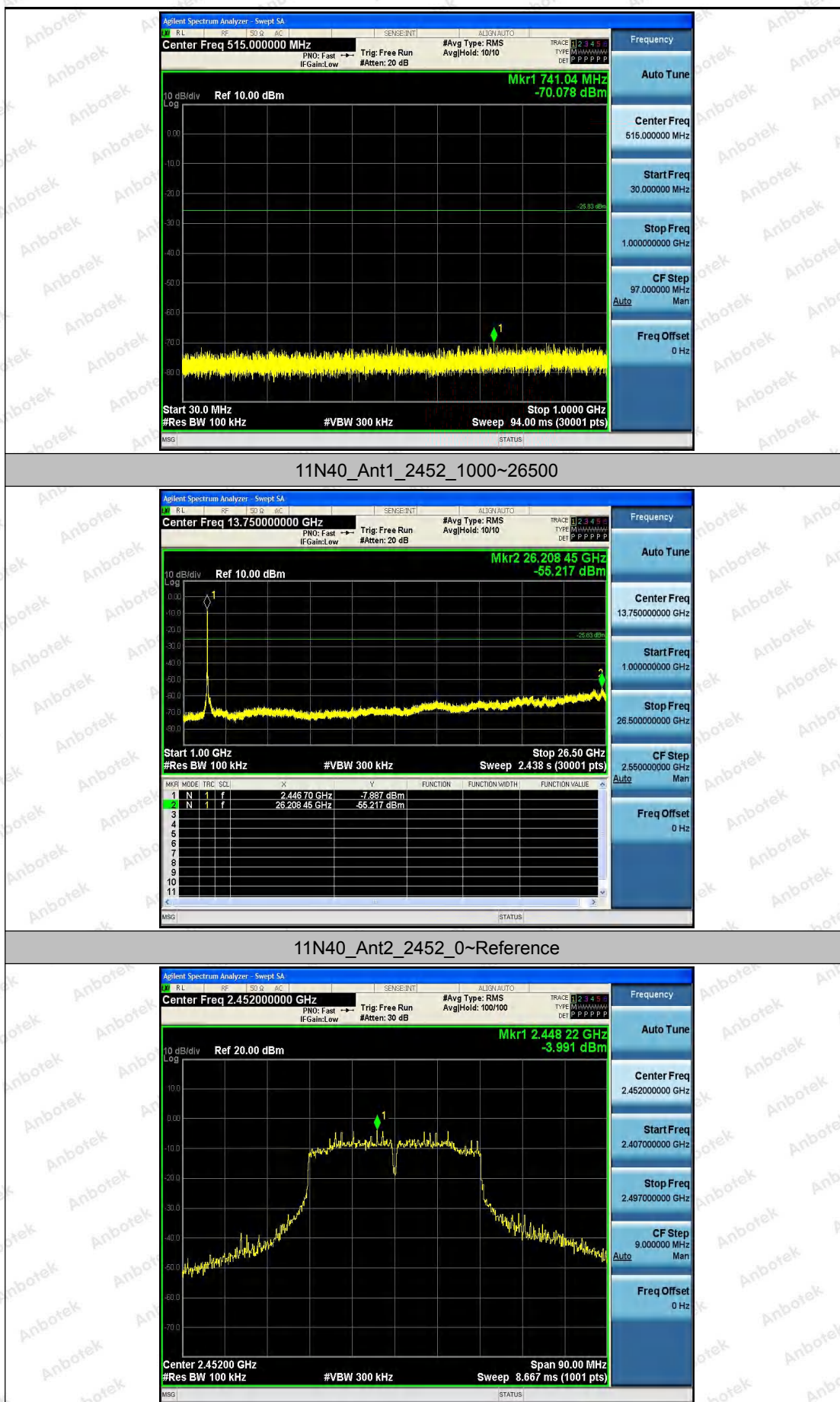
11N40_Ant2_2437_1000~26500



11N40_Ant1_2452_0~Reference



11N40_Ant1_2452_30~1000

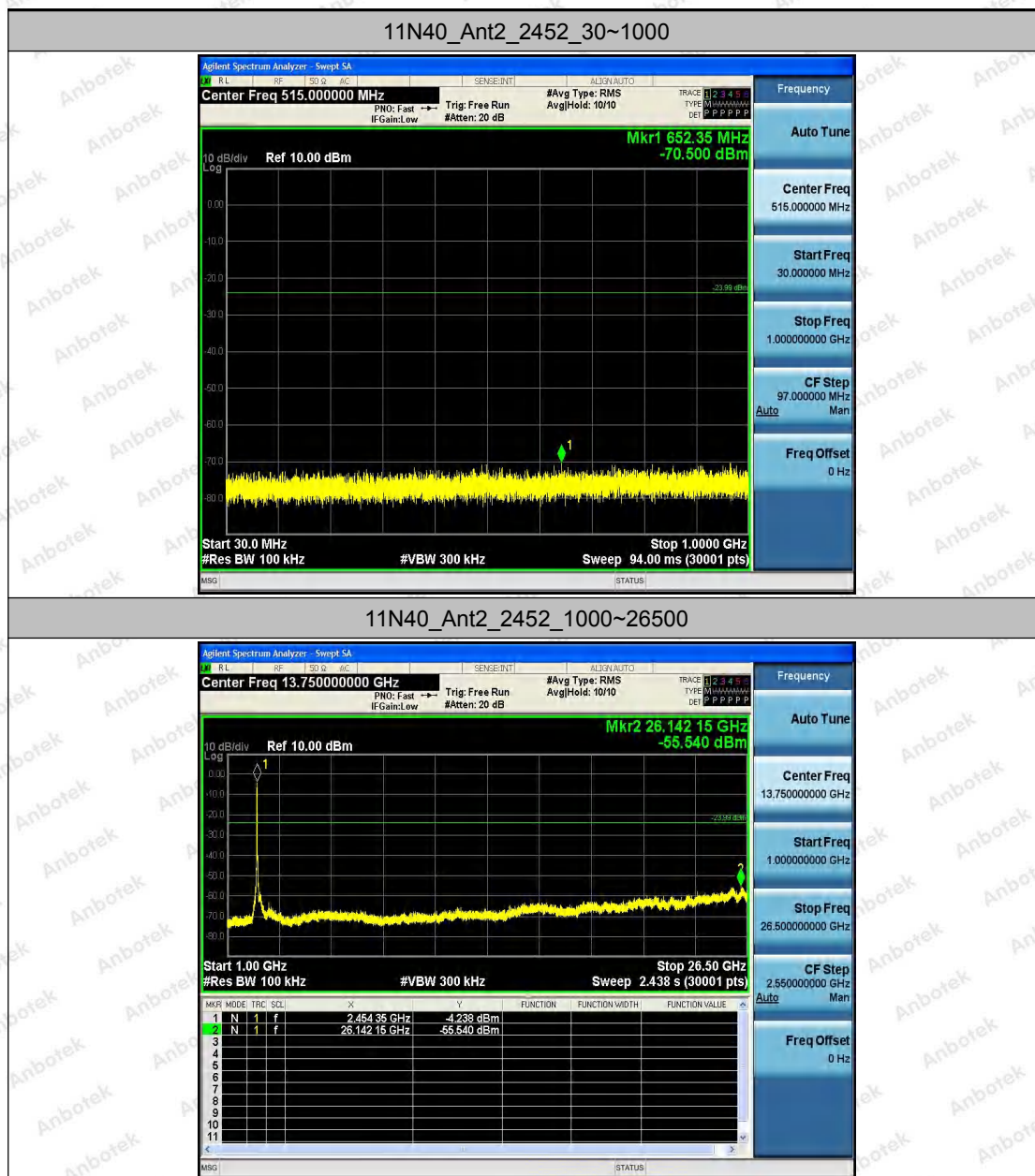


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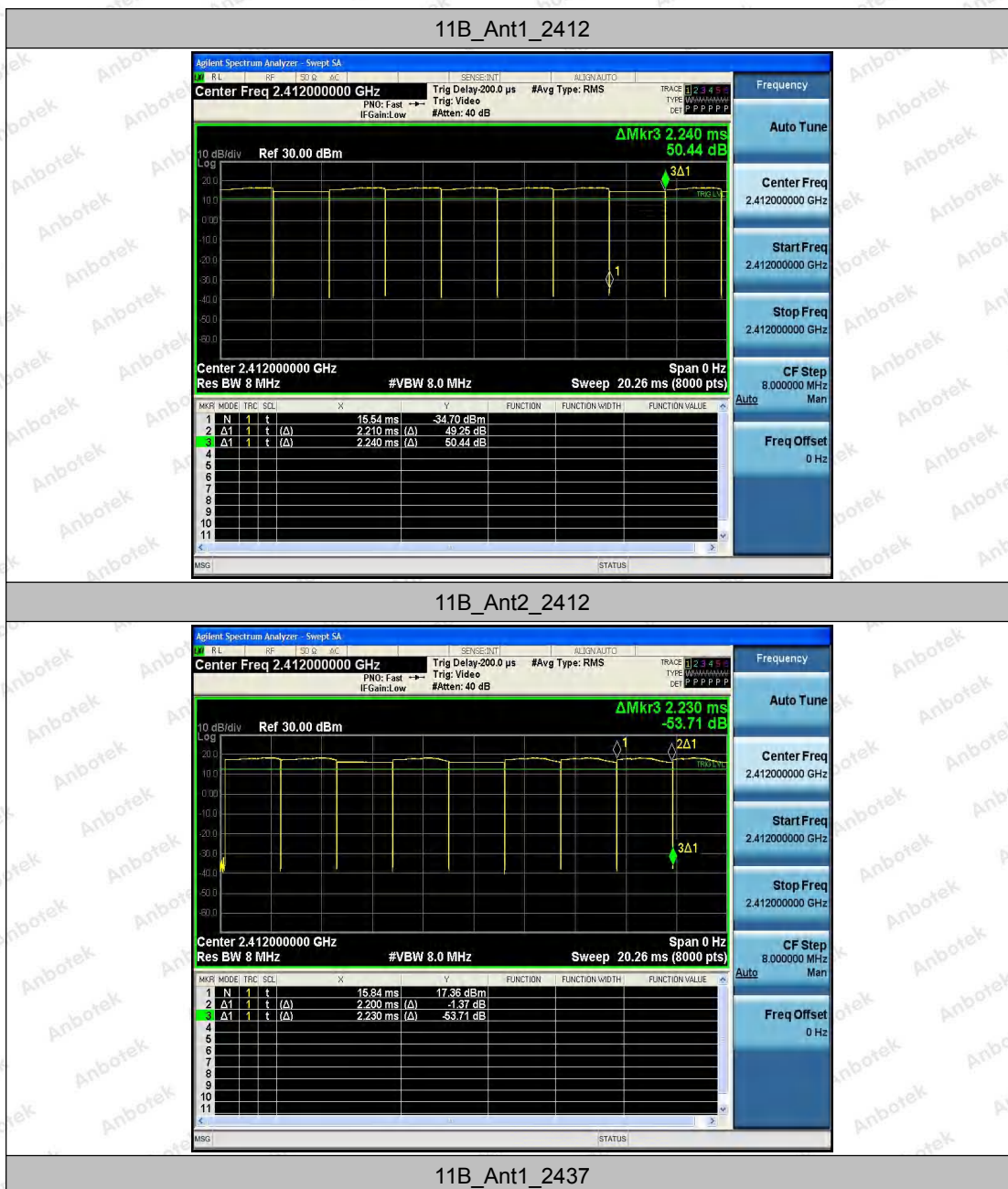
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Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11B	Ant1	2412	2.21	2.24	98.66	---	PASS
	Ant2	2412	2.20	2.23	98.65	---	PASS
	Ant1	2437	2.20	2.23	98.65	---	PASS
	Ant2	2437	2.20	2.23	98.65	---	PASS
	Ant1	2462	2.21	2.23	99.10	---	PASS
	Ant2	2462	2.21	2.24	98.66	---	PASS
11G	Ant1	2412	2.04	2.07	98.55	---	PASS
	Ant2	2412	2.04	2.07	98.55	---	PASS
	Ant1	2437	2.04	2.07	98.55	---	PASS
	Ant2	2437	2.05	2.07	99.03	---	PASS
	Ant1	2462	2.05	2.08	98.56	---	PASS
	Ant2	2462	2.05	2.08	98.56	---	PASS
11N20	Ant1	2412	1.90	1.93	98.45	---	PASS
	Ant2	2412	1.91	1.94	98.45	---	PASS
	Ant1	2437	1.91	1.94	98.45	---	PASS
	Ant2	2437	1.91	1.93	98.96	---	PASS
	Ant1	2462	1.91	1.93	98.96	---	PASS
	Ant2	2462	1.91	1.94	98.45	---	PASS
11N40	Ant1	2422	0.93	0.96	96.88	---	PASS
	Ant2	2422	0.93	0.96	96.88	---	PASS
	Ant1	2437	0.93	0.96	96.88	---	PASS
	Ant2	2437	0.94	0.96	97.92	---	PASS
	Ant1	2452	0.94	0.96	97.92	---	PASS
	Ant2	2452	0.94	0.96	97.92	---	PASS

Test Graphs

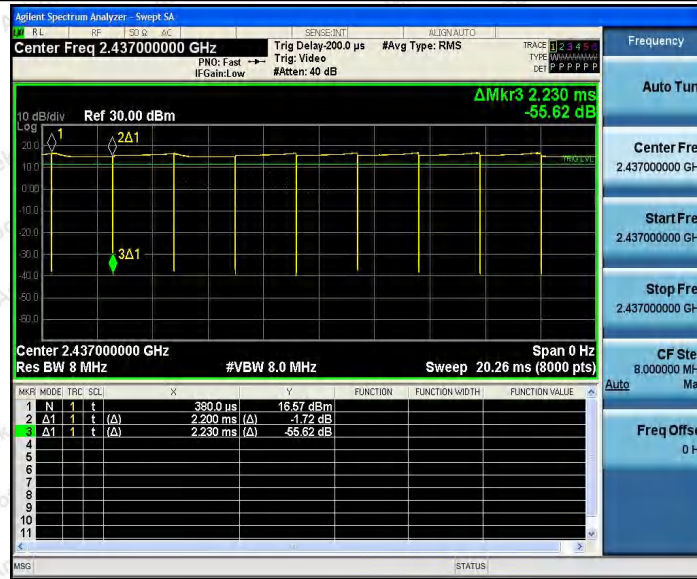


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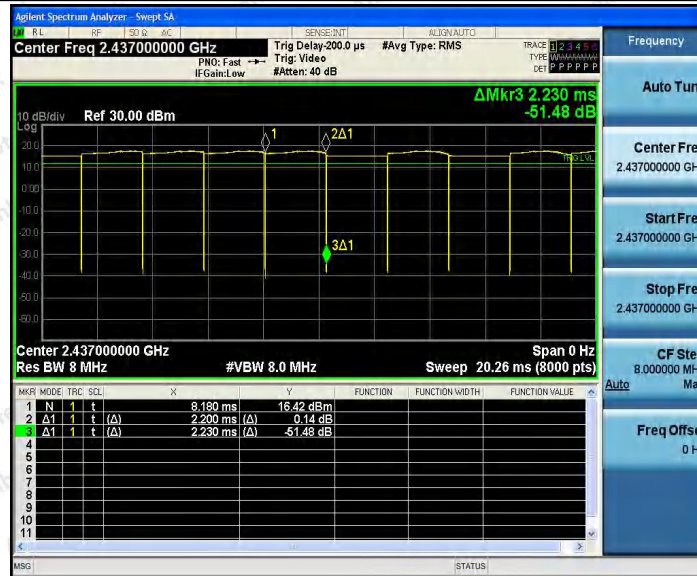
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Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotek.com

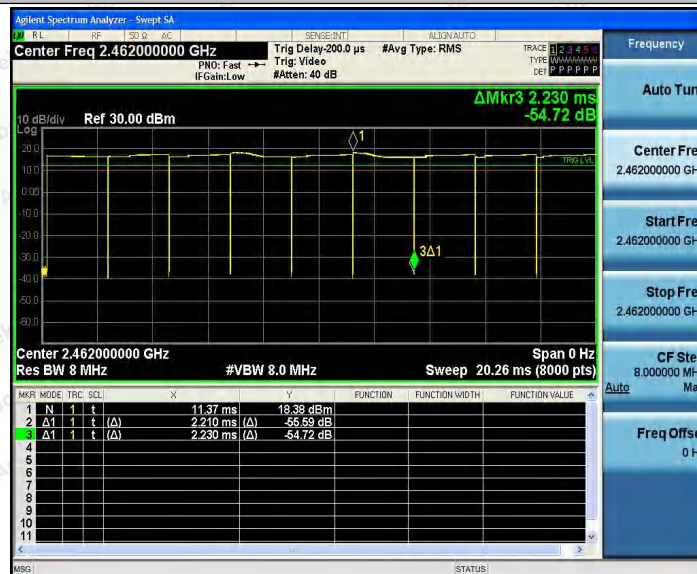
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11B_Ant2_2437



11B_Ant1_2462



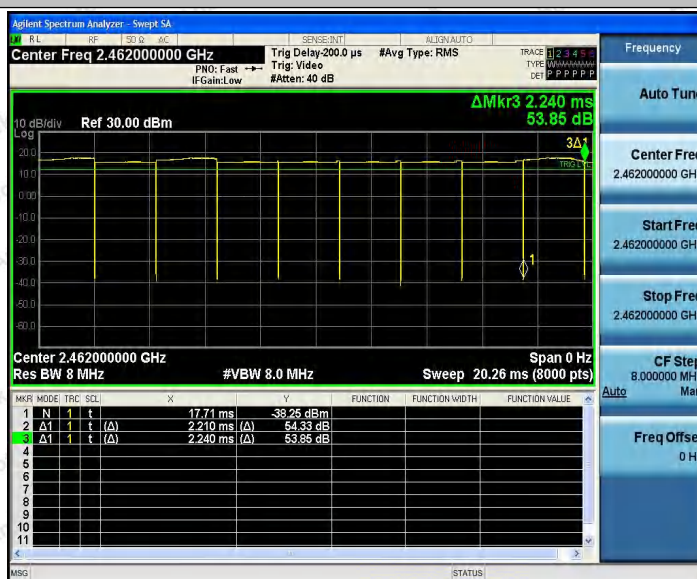
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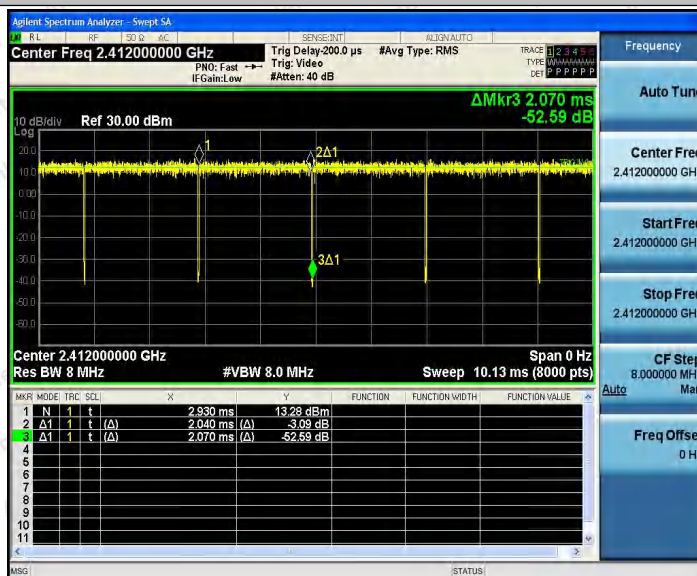
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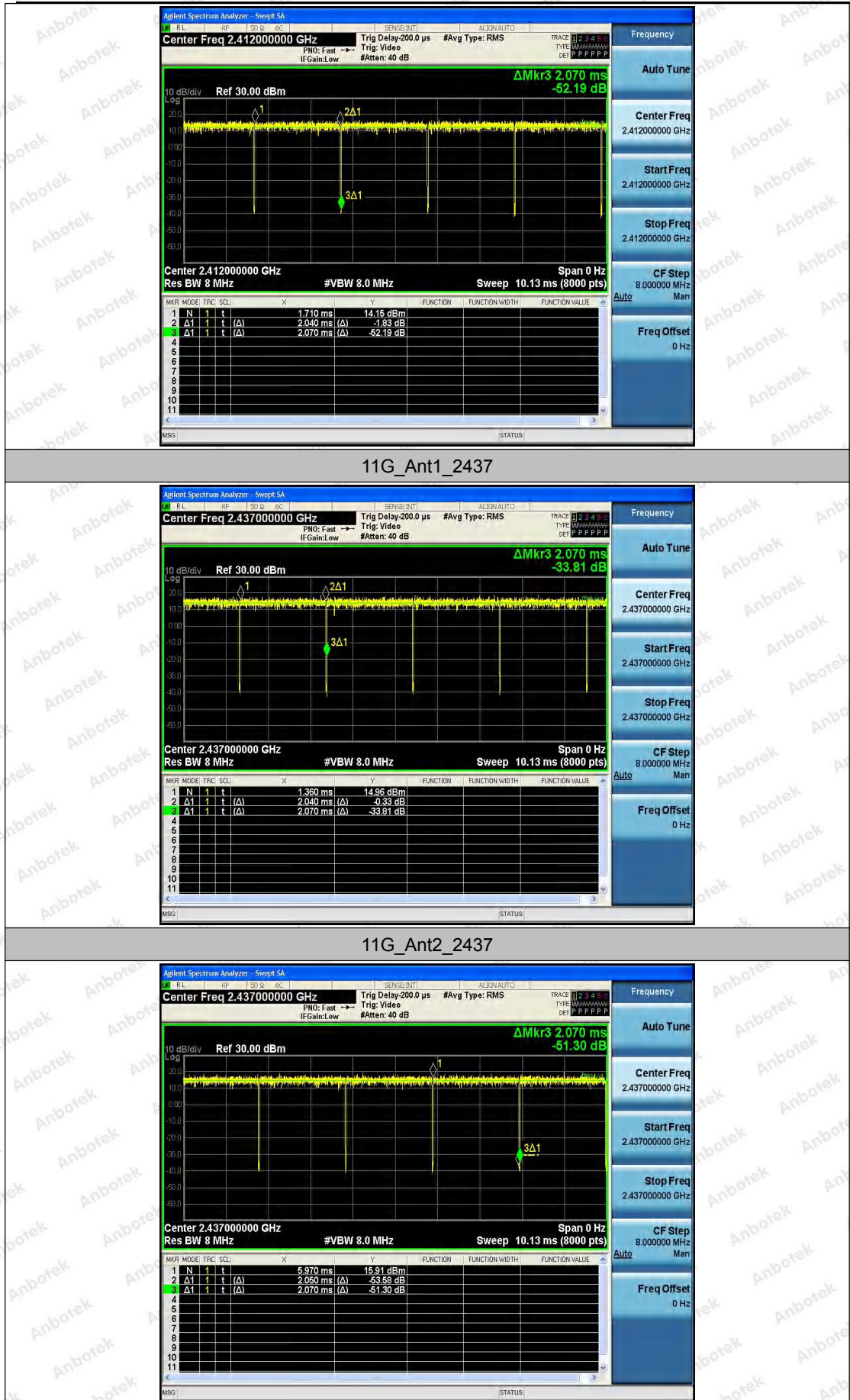
11B_Ant2_2462



11G_Ant1_2412



11G_Ant2_2412



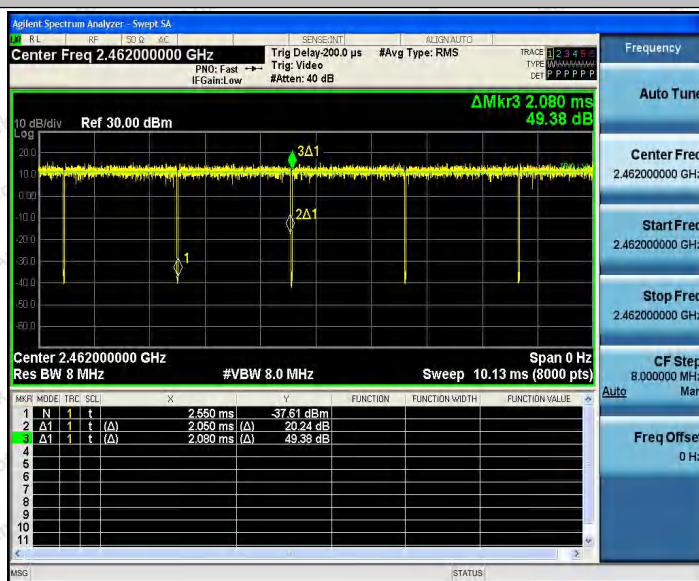
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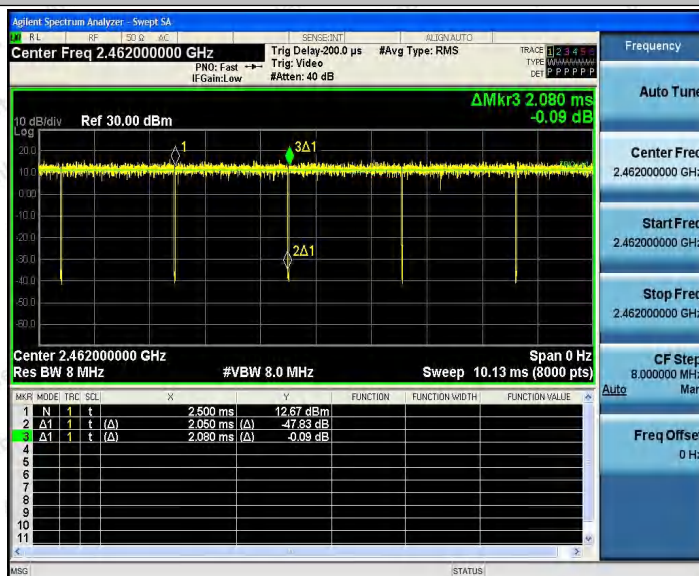
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11G_Ant1_2462



11G_Ant2_2462



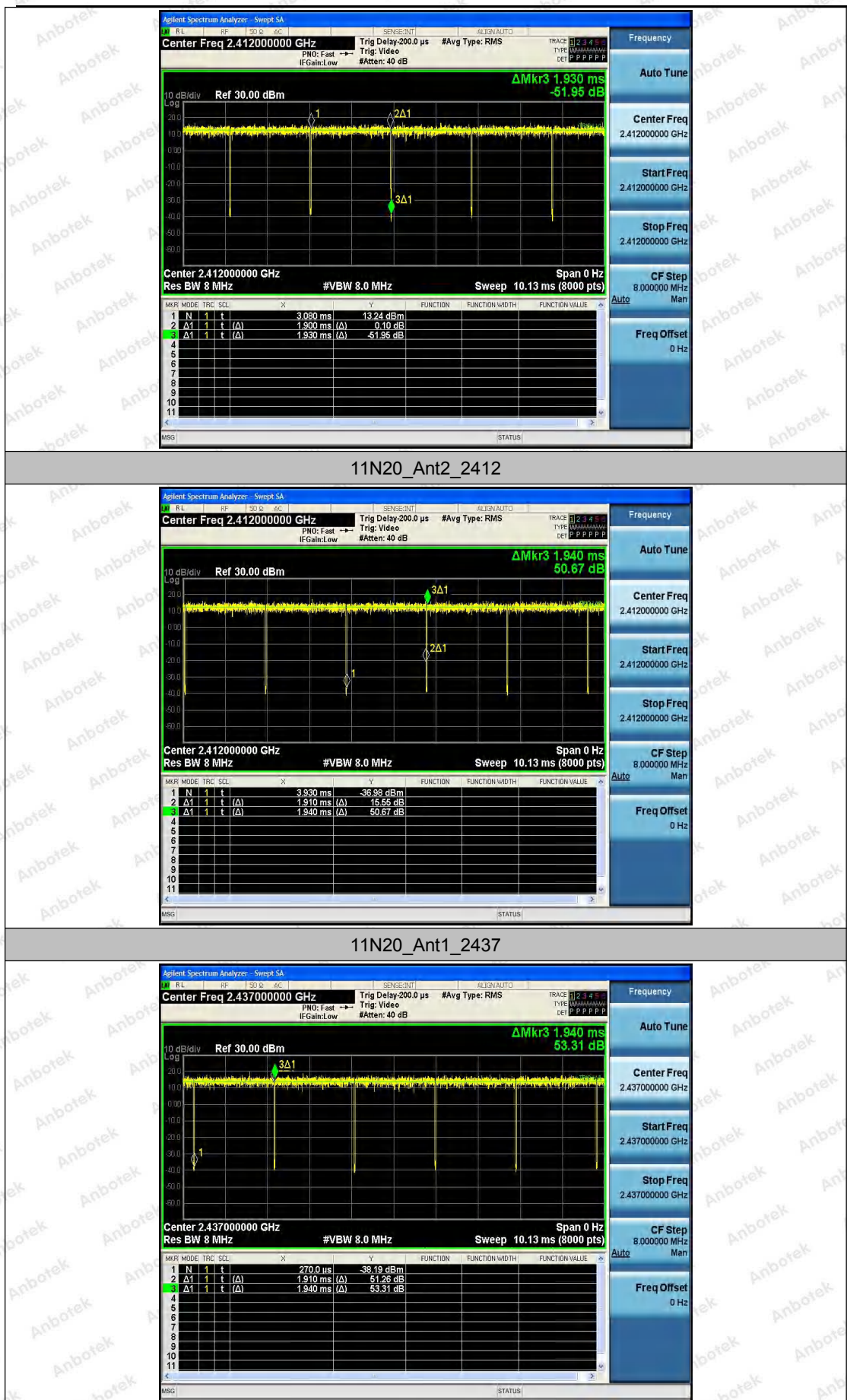
11N20_Ant1_2412

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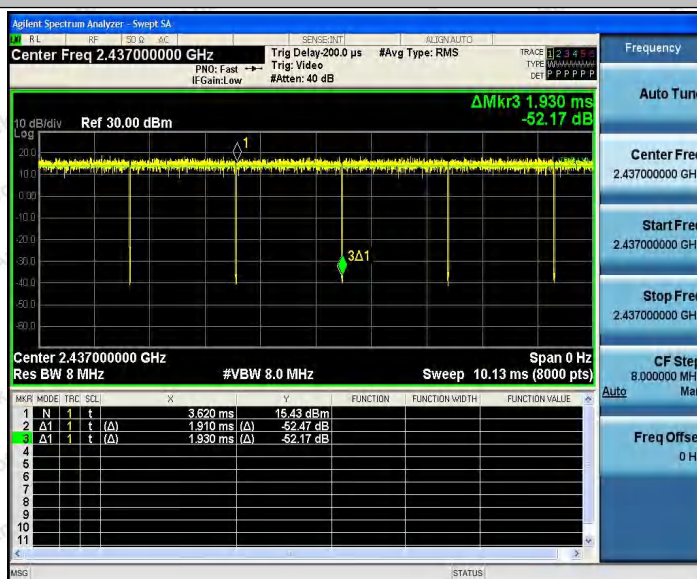
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Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.

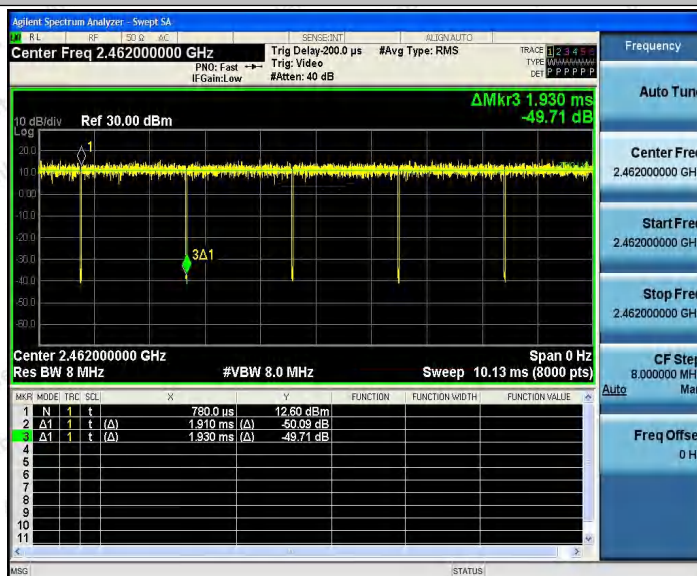
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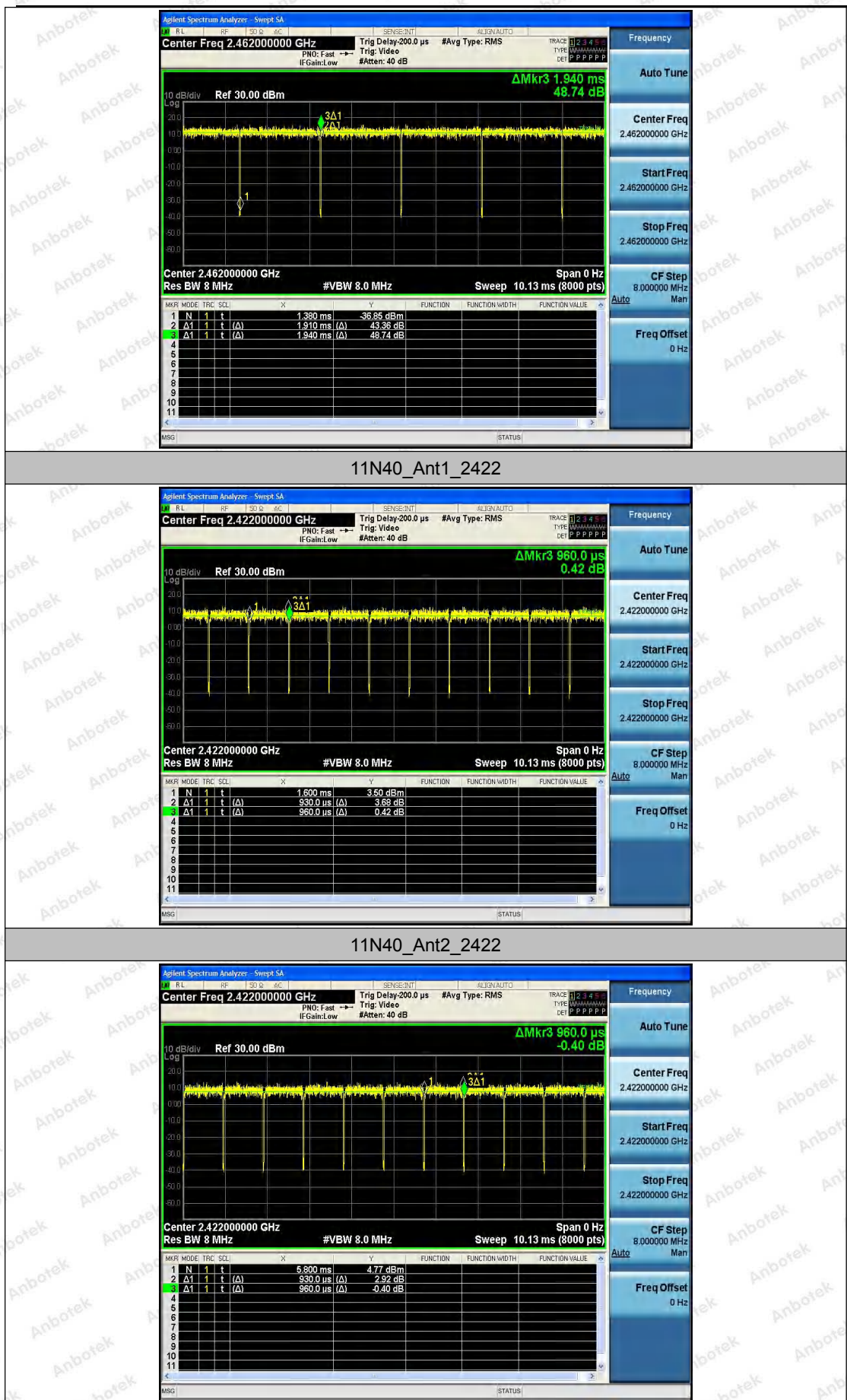
11N20_Ant2_2437



11N20_Ant1_2462



11N20_Ant2_2462



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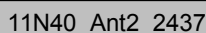
Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotek.com

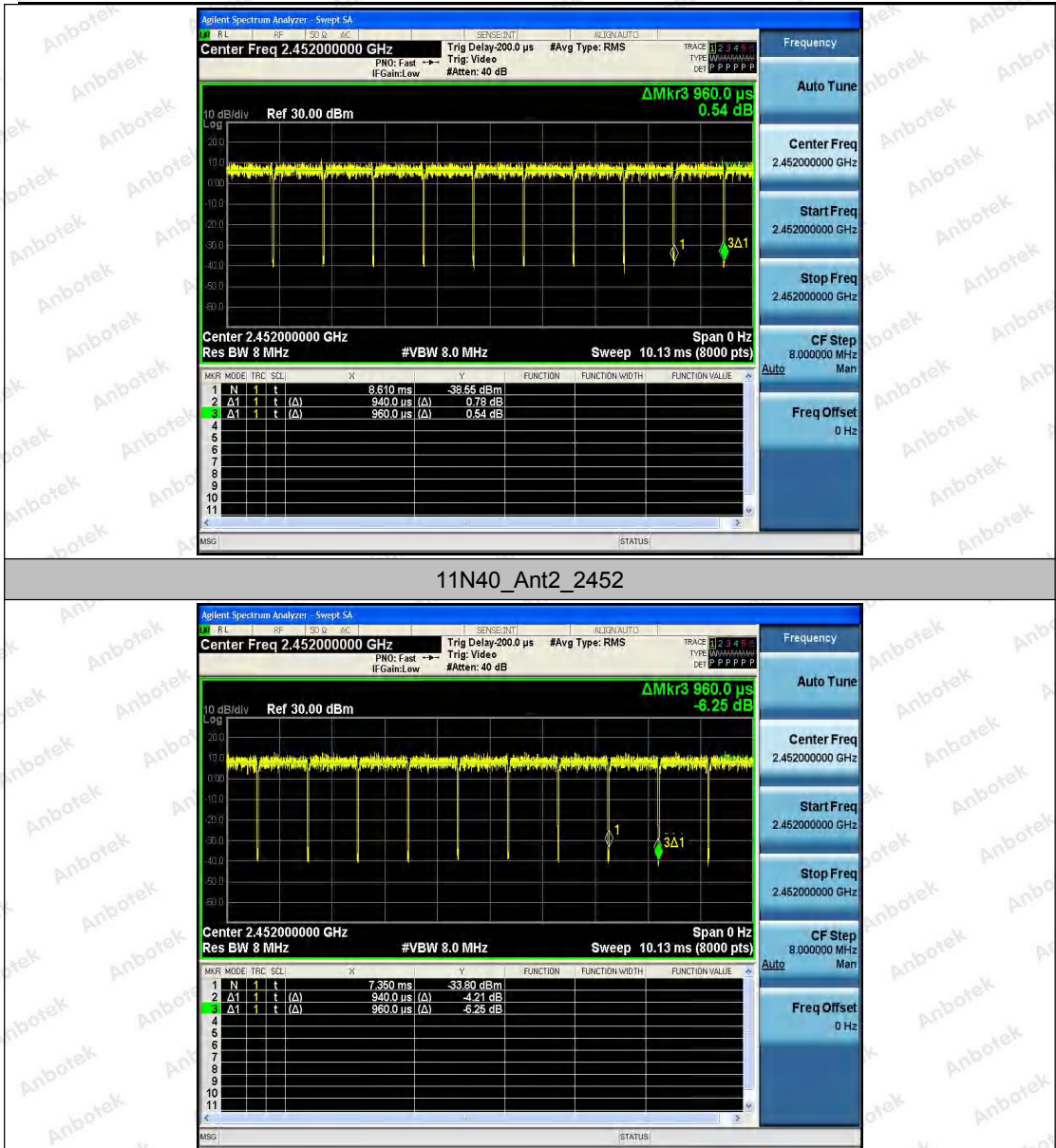


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