

Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	4.03	4.03	---	PASS
			30~1000	4.03	-70.89	≤-15.97	PASS
			1000~26500	4.03	-56.19	≤-15.97	PASS
	Ant2	2412	Reference	3.46	3.46	---	PASS
			30~1000	3.46	-69.7	≤-16.54	PASS
			1000~26500	3.46	-54.13	≤-16.54	PASS
	Ant1	2437	Reference	3.33	3.33	---	PASS
			30~1000	3.33	-70.54	≤-16.67	PASS
			1000~26500	3.33	-55.52	≤-16.67	PASS
	Ant2	2437	Reference	2.67	2.67	---	PASS
			30~1000	2.67	-70.33	≤-17.33	PASS
			1000~26500	2.67	-55.25	≤-17.33	PASS
	Ant1	2462	Reference	3.27	3.27	---	PASS
			30~1000	3.27	-70	≤-16.73	PASS
			1000~26500	3.27	-55.56	≤-16.73	PASS
	Ant2	2462	Reference	3.13	3.13	---	PASS
			30~1000	3.13	-69.9	≤-16.87	PASS
			1000~26500	3.13	-55.25	≤-16.87	PASS
11G	Ant1	2412	Reference	1.43	1.43	---	PASS
			30~1000	1.43	-69.96	≤-18.58	PASS
			1000~26500	1.43	-55.71	≤-18.58	PASS
	Ant2	2412	Reference	0.38	0.38	---	PASS
			30~1000	0.38	-70.41	≤-19.62	PASS
			1000~26500	0.38	-55.89	≤-19.62	PASS
	Ant1	2437	Reference	2.71	2.71	---	PASS
			30~1000	2.71	-69.28	≤-17.29	PASS
			1000~26500	2.71	-55.56	≤-17.29	PASS
	Ant2	2437	Reference	2.15	2.15	---	PASS
			30~1000	2.15	-70.09	≤-17.85	PASS
			1000~26500	2.15	-55.14	≤-17.85	PASS
	Ant1	2462	Reference	-0.41	-0.41	---	PASS
			30~1000	-0.41	-68.99	≤-20.41	PASS
			1000~26500	-0.41	-55.38	≤-20.41	PASS
	Ant2	2462	Reference	-0.88	-0.88	---	PASS
			30~1000	-0.88	-70.44	≤-20.88	PASS
			1000~26500	-0.88	-55.44	≤-20.88	PASS
11N20	Ant1	2412	Reference	-1.00	-1.00	---	PASS

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11N40	Ant2	2412	30~1000	-1.00	-70.21	≤-21	PASS
			1000~26500	-1.00	-54.88	≤-21	PASS
			Reference	0.20	0.20	---	PASS
			30~1000	0.20	-70.15	≤-19.8	PASS
			1000~26500	0.20	-54.99	≤-19.8	PASS
			Reference	2.62	2.62	---	PASS
	Ant1	2437	30~1000	2.62	-69.72	≤-17.38	PASS
			1000~26500	2.62	-55.49	≤-17.38	PASS
			Reference	2.83	2.83	---	PASS
	Ant2	2437	30~1000	2.83	-70.25	≤-17.17	PASS
			1000~26500	2.83	-55.06	≤-17.17	PASS
			Reference	-1.12	-1.12	---	PASS
	Ant1	2462	30~1000	-1.12	-70.49	≤-21.12	PASS
			1000~26500	-1.12	-55.6	≤-21.12	PASS
			Reference	-0.13	-0.13	---	PASS
	Ant2	2462	30~1000	-0.13	-70.36	≤-20.13	PASS
			1000~26500	-0.13	-55.61	≤-20.13	PASS
			Reference	-2.53	-2.53	---	PASS
	Ant1	2422	30~1000	-2.53	-69.25	≤-22.53	PASS
			1000~26500	-2.53	-55.41	≤-22.53	PASS
			Reference	-4.38	-4.38	---	PASS
	Ant2	2422	30~1000	-4.38	-69.74	≤-24.38	PASS
			1000~26500	-4.38	-56.04	≤-24.38	PASS
			Reference	-0.21	-0.21	---	PASS
	Ant1	2437	30~1000	-0.21	-70.62	≤-20.21	PASS
			1000~26500	-0.21	-55.31	≤-20.21	PASS
			Reference	-0.05	-0.05	---	PASS
	Ant2	2437	30~1000	-0.05	-69.75	≤-20.05	PASS
			1000~26500	-0.05	-55.1	≤-20.05	PASS
			Reference	-5.04	-5.04	---	PASS
	Ant1	2452	30~1000	-5.04	-69.51	≤-25.04	PASS
			1000~26500	-5.04	-55.07	≤-25.04	PASS
			Reference	-3.84	-3.84	---	PASS
	Ant2	2452	30~1000	-3.84	-70.4	≤-23.84	PASS
			1000~26500	-3.84	-55.74	≤-23.84	PASS

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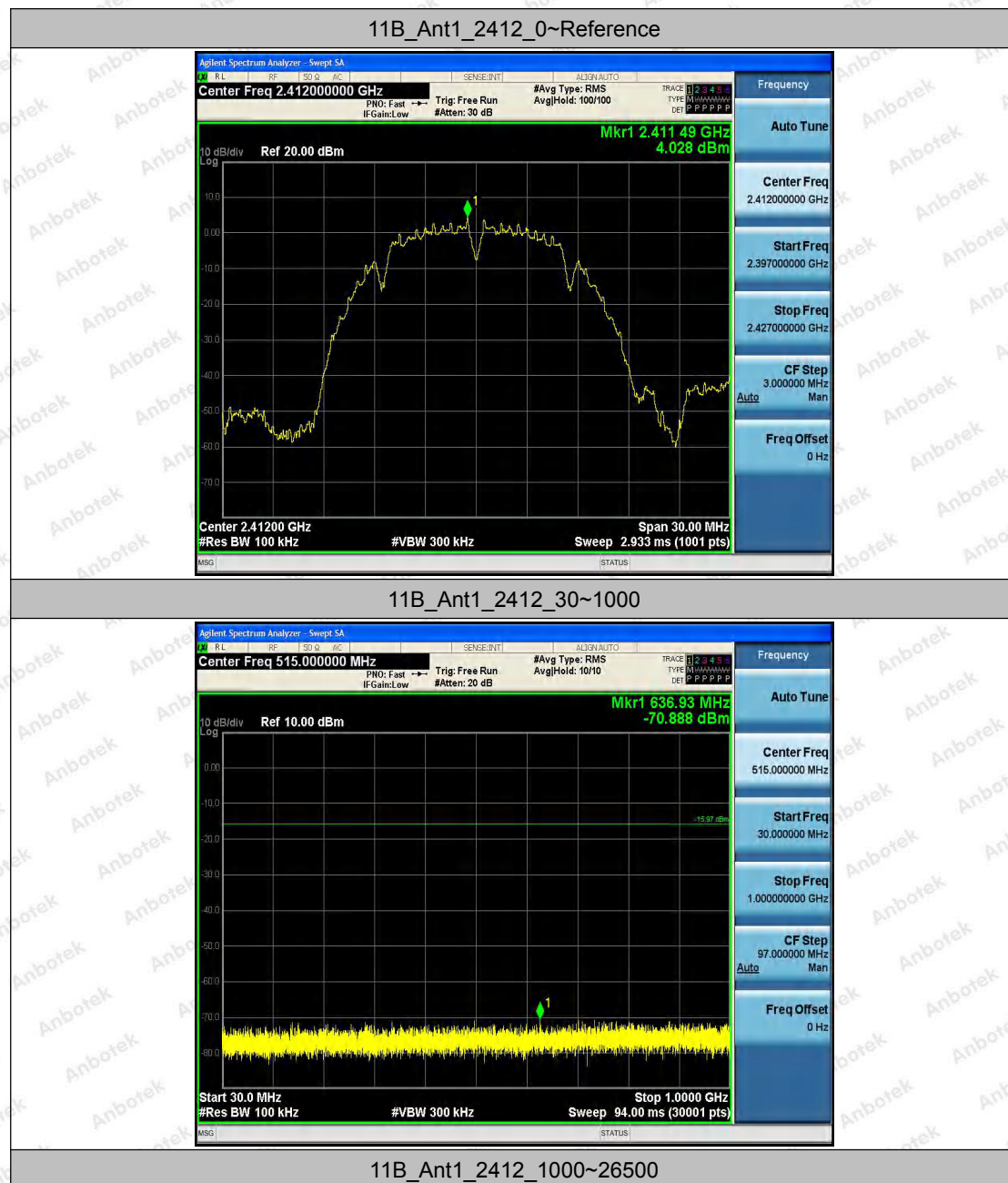
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Test Graphs

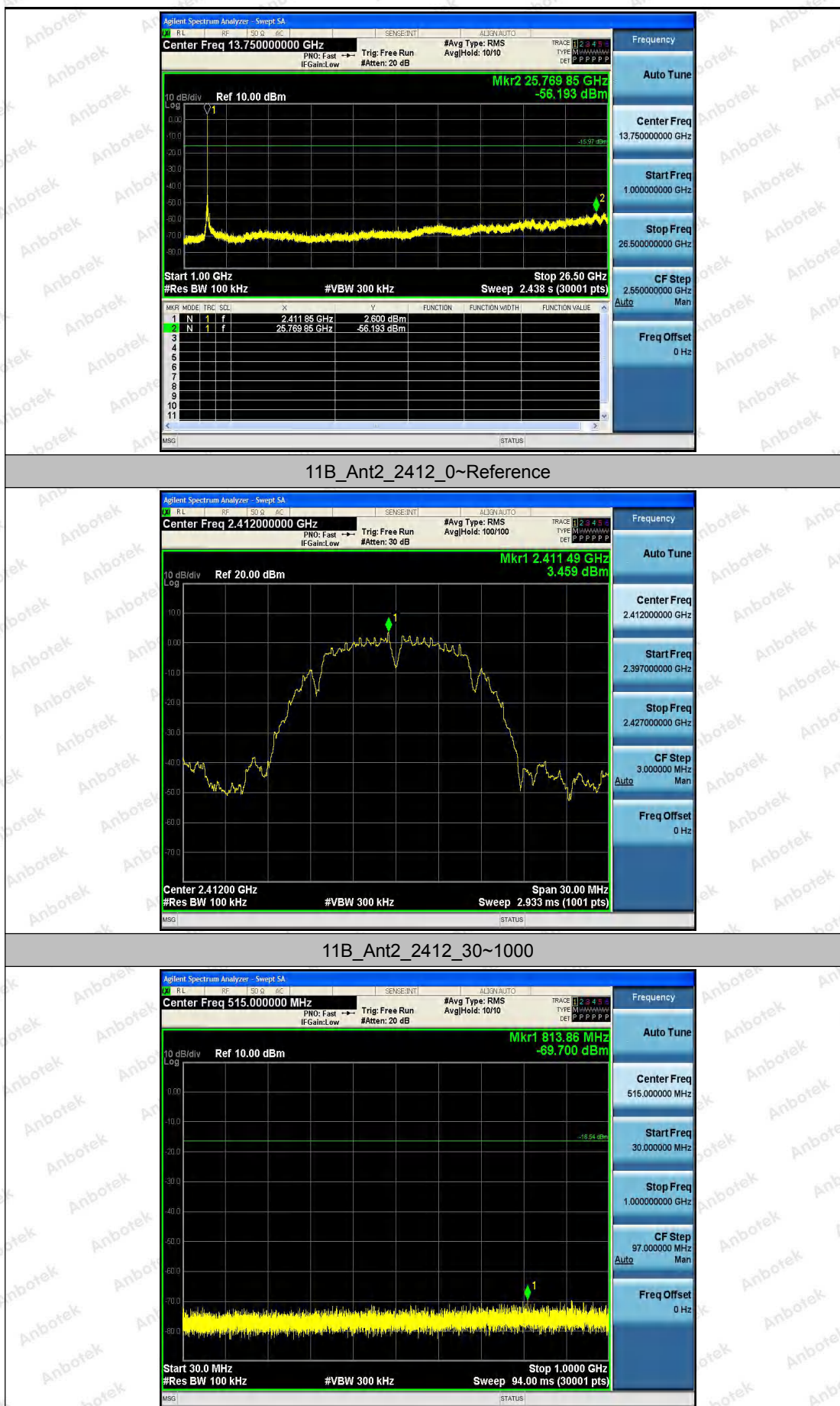


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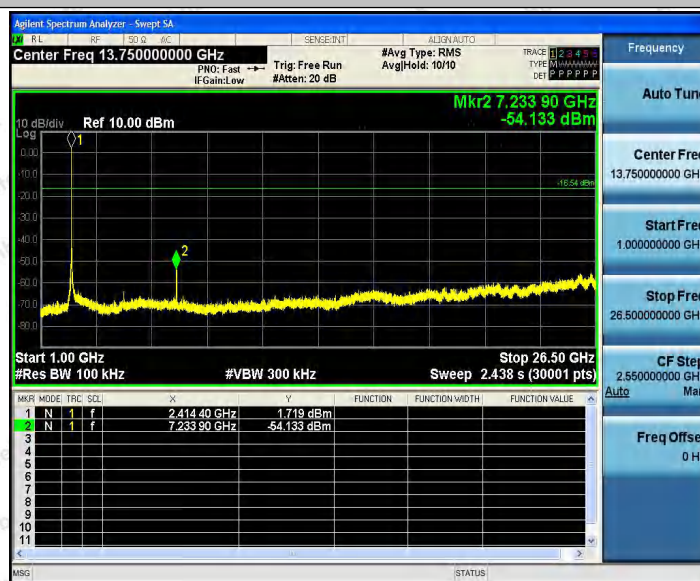
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11B_Ant2_2412_1000~26500



11B_Ant1_2437_0~Reference



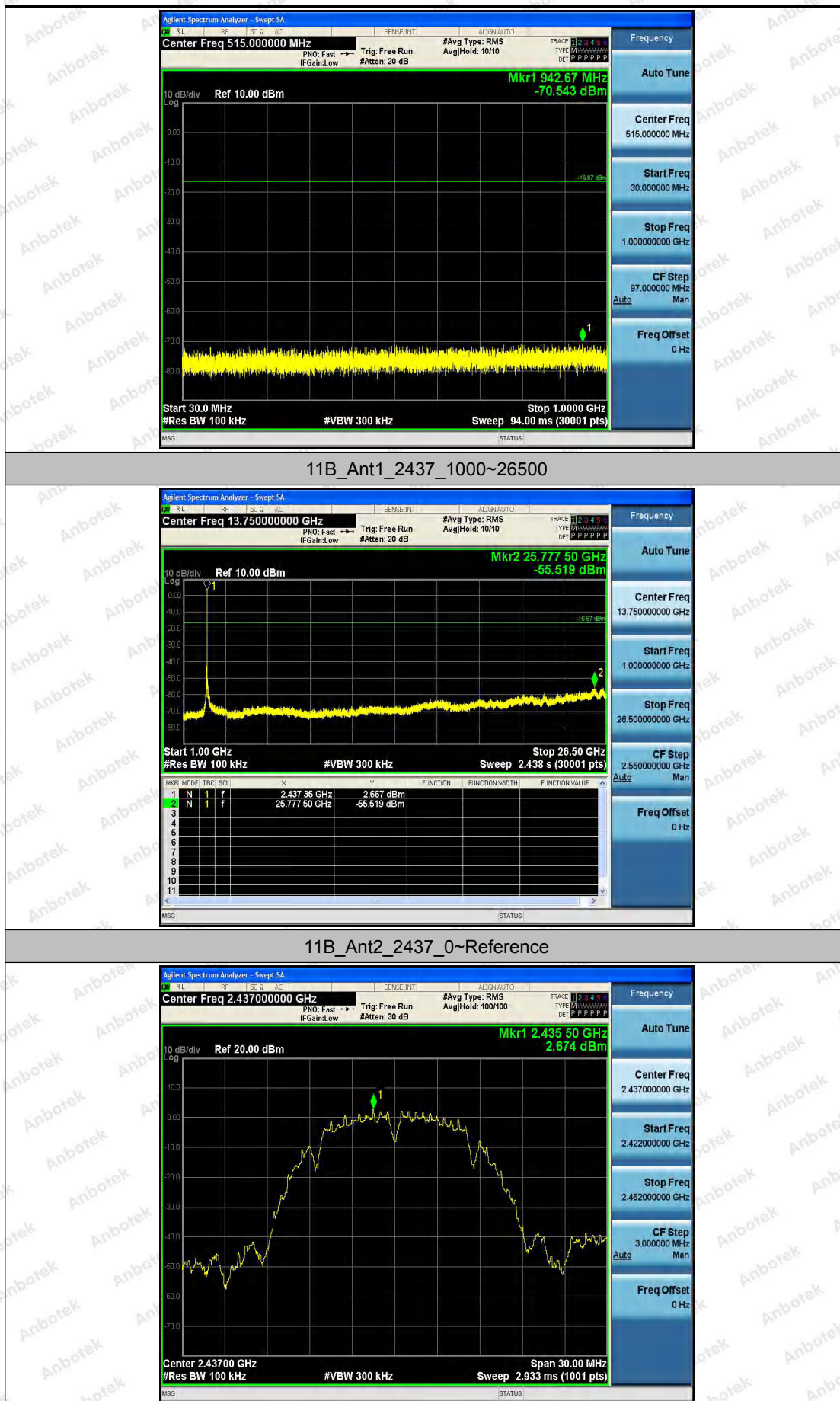
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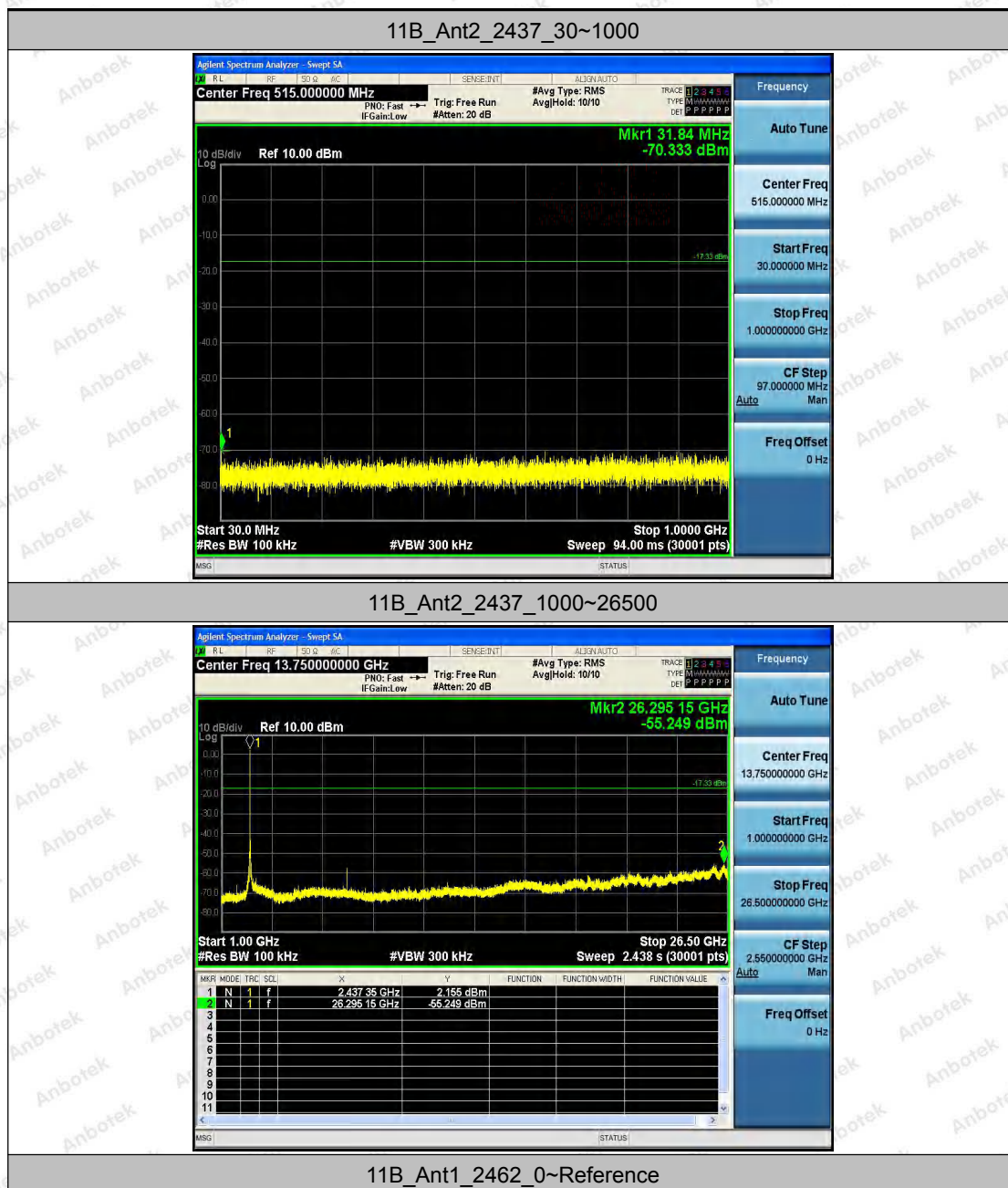


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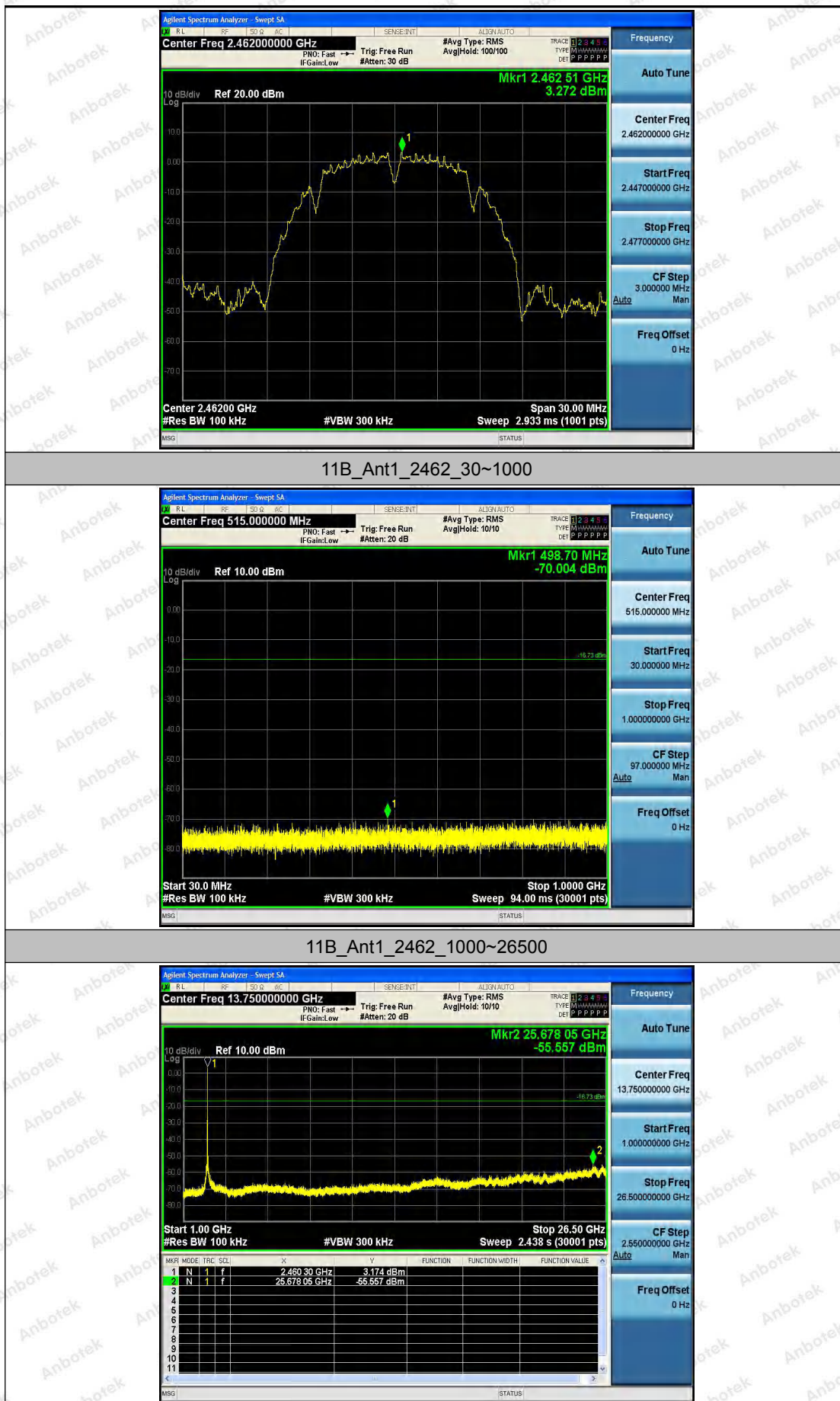


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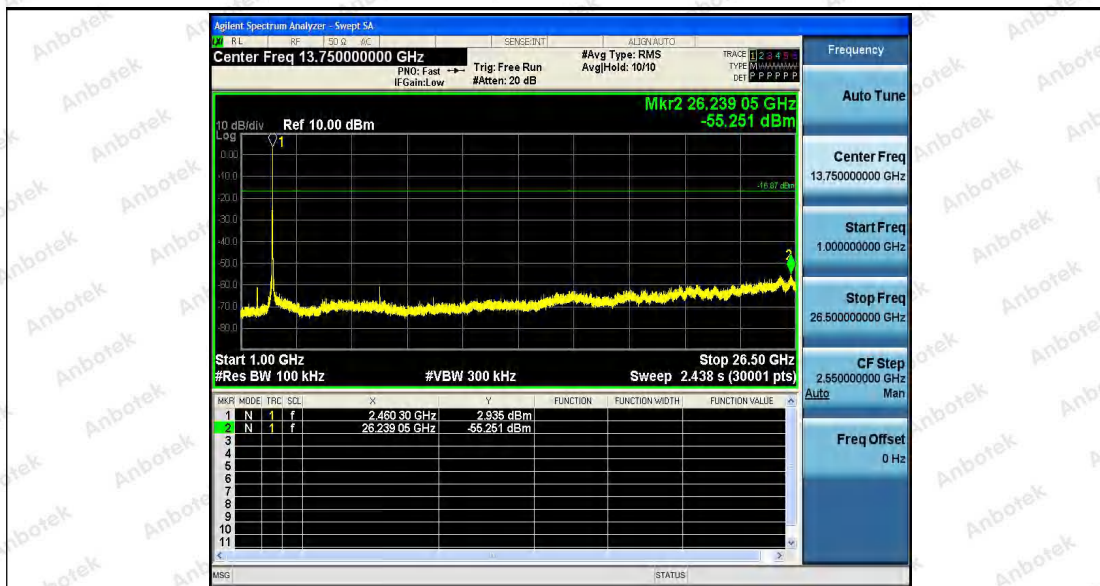
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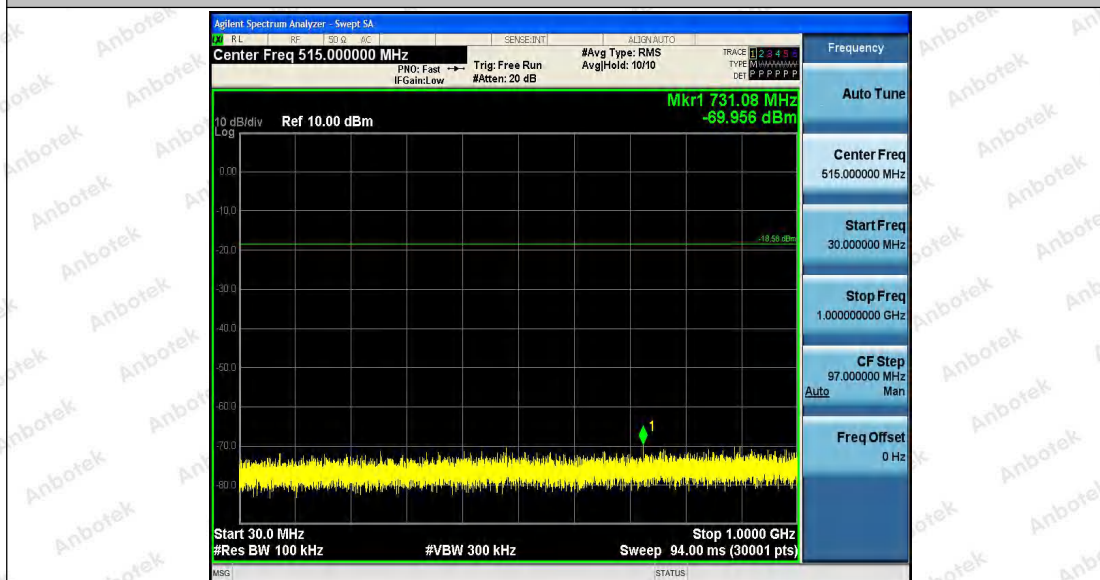




11G_Ant1_2412_0~Reference



11G_Ant1_2412_30~1000



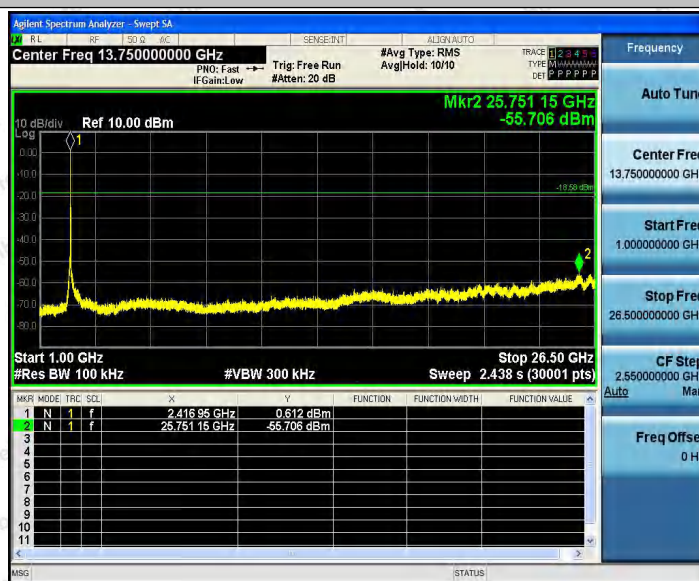
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11G_Ant1_2412_1000~26500



11G_Ant2_2412_0~Reference



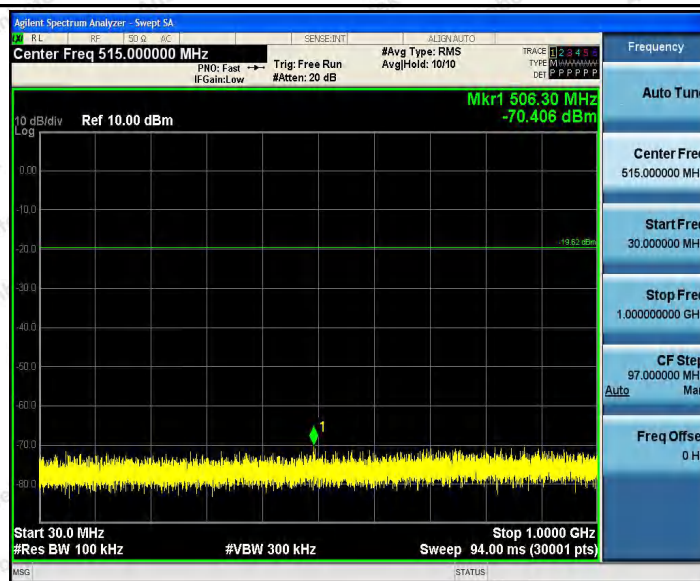
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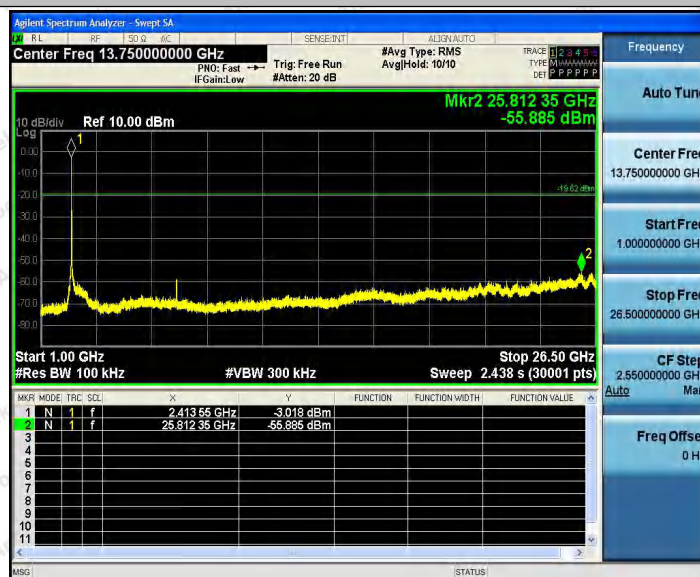
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11G Ant2 2412 1000~26500



11G Ant1 2437 0~Reference



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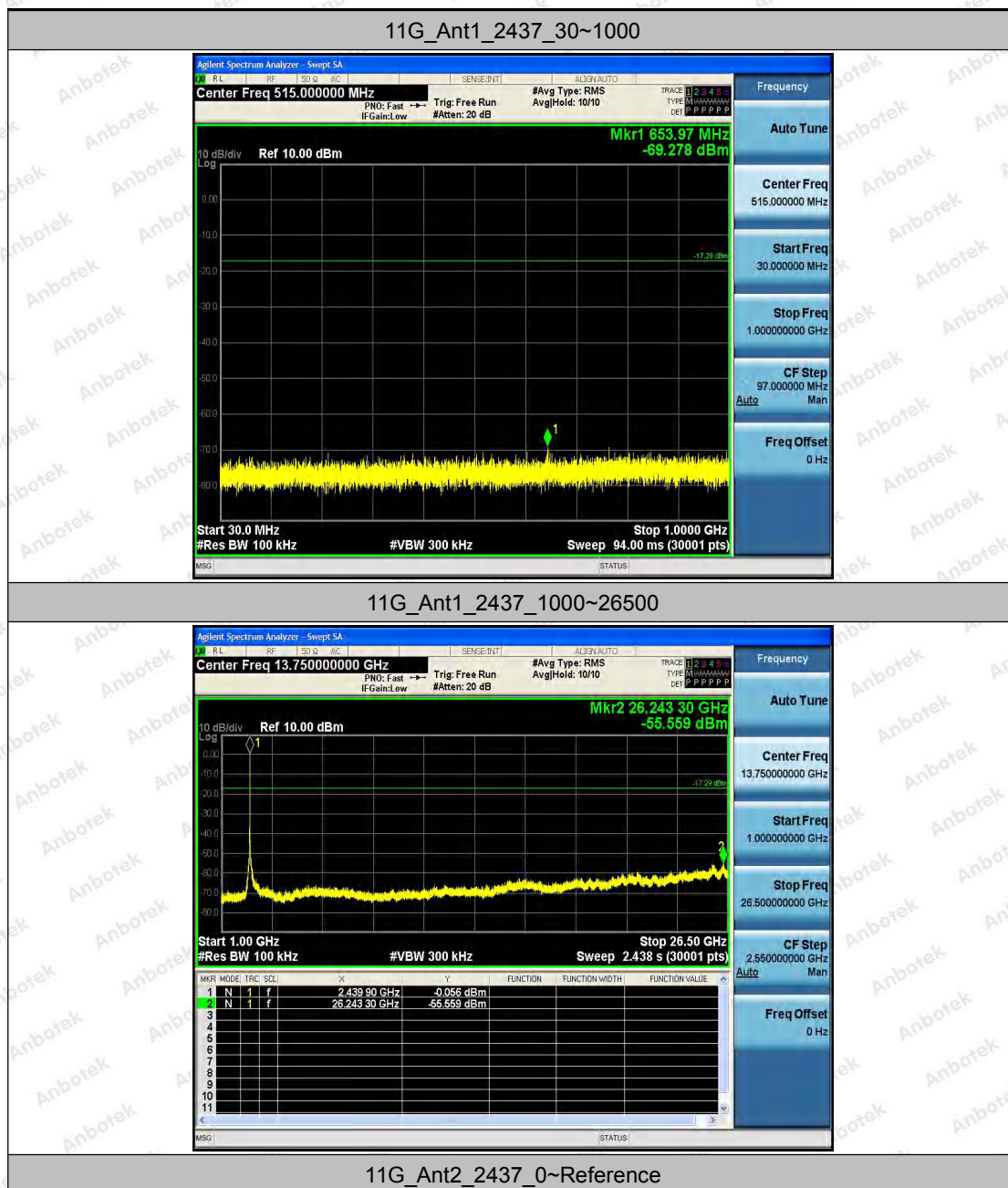
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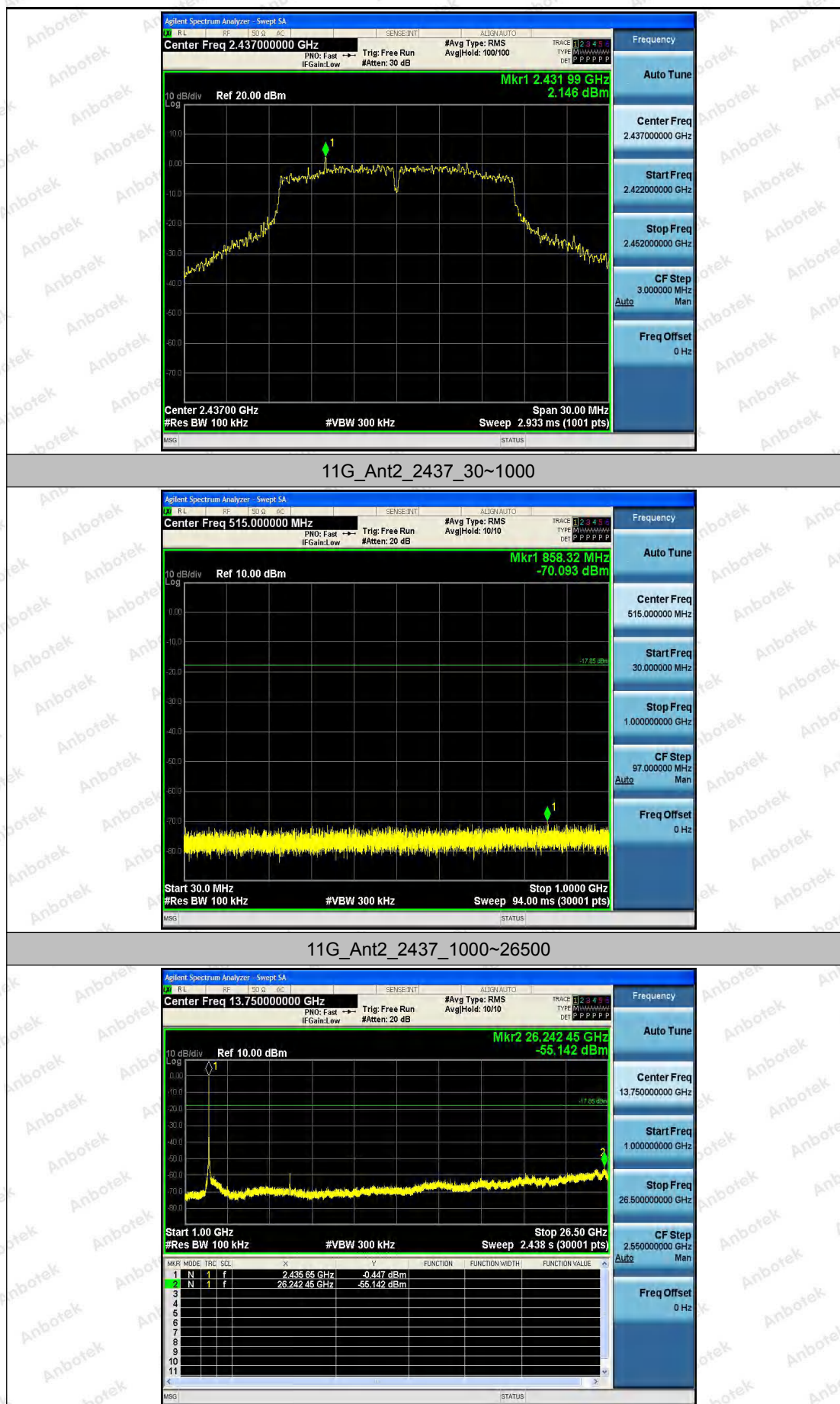


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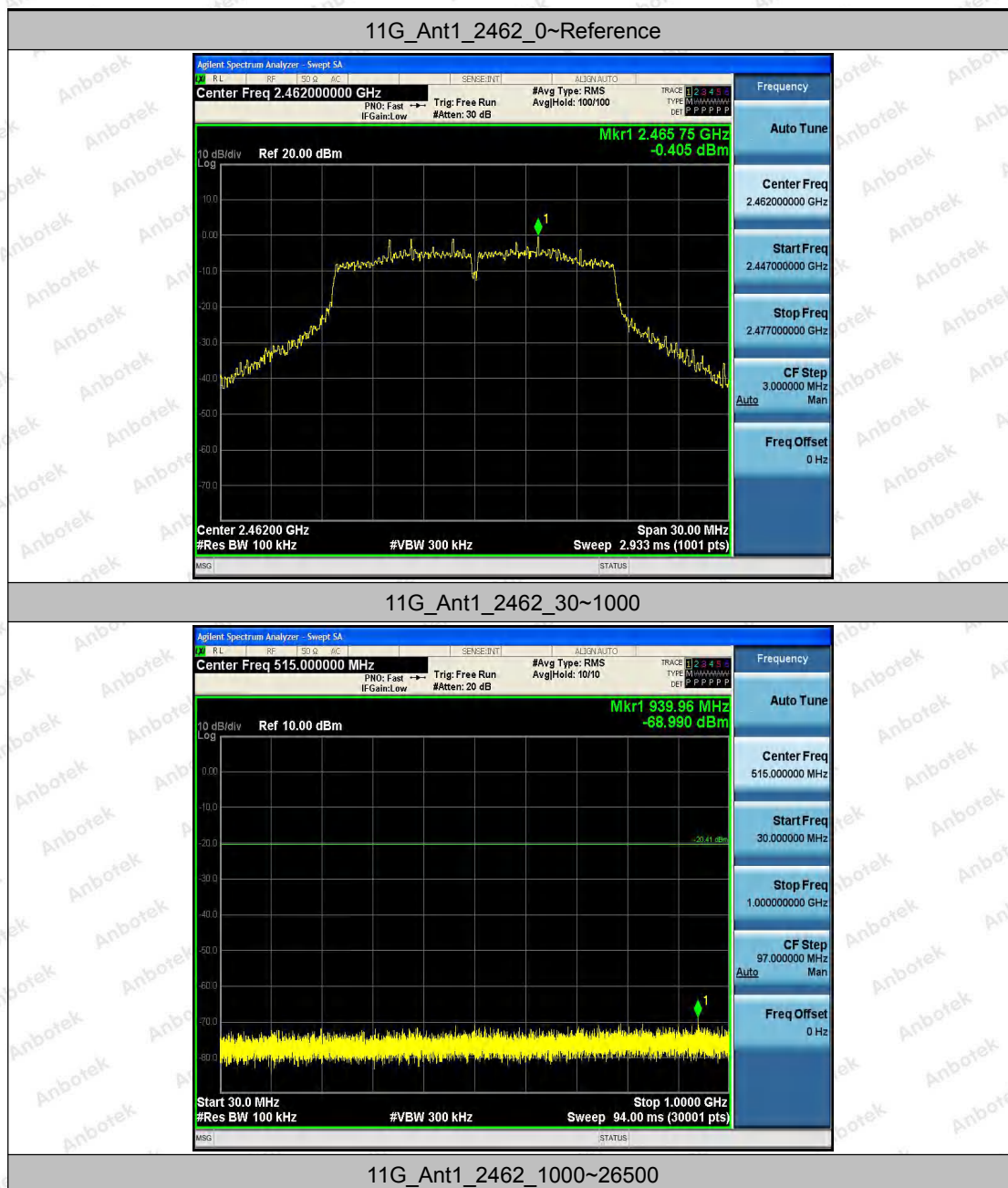


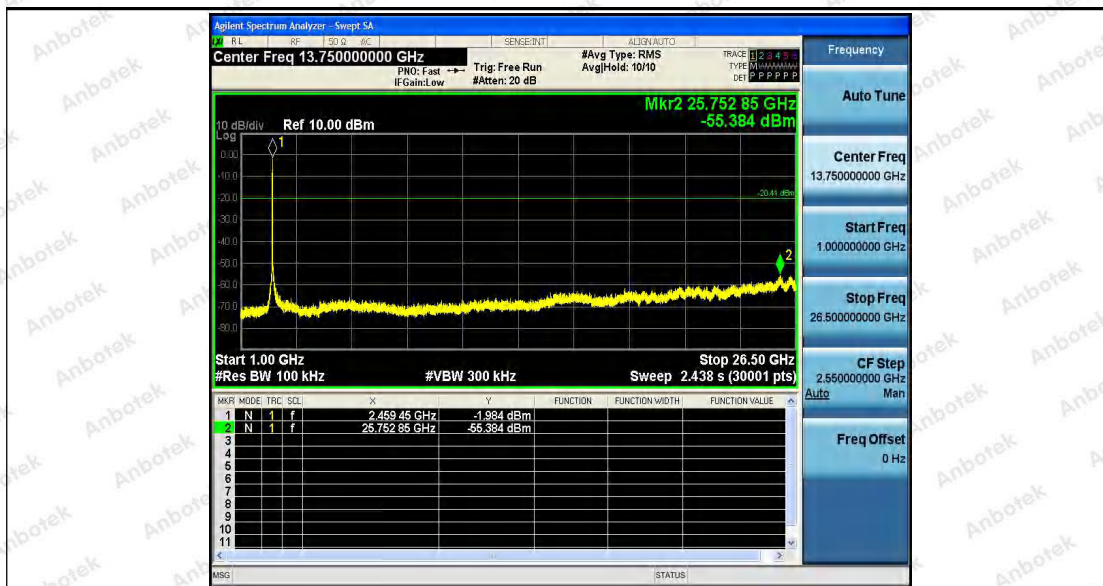
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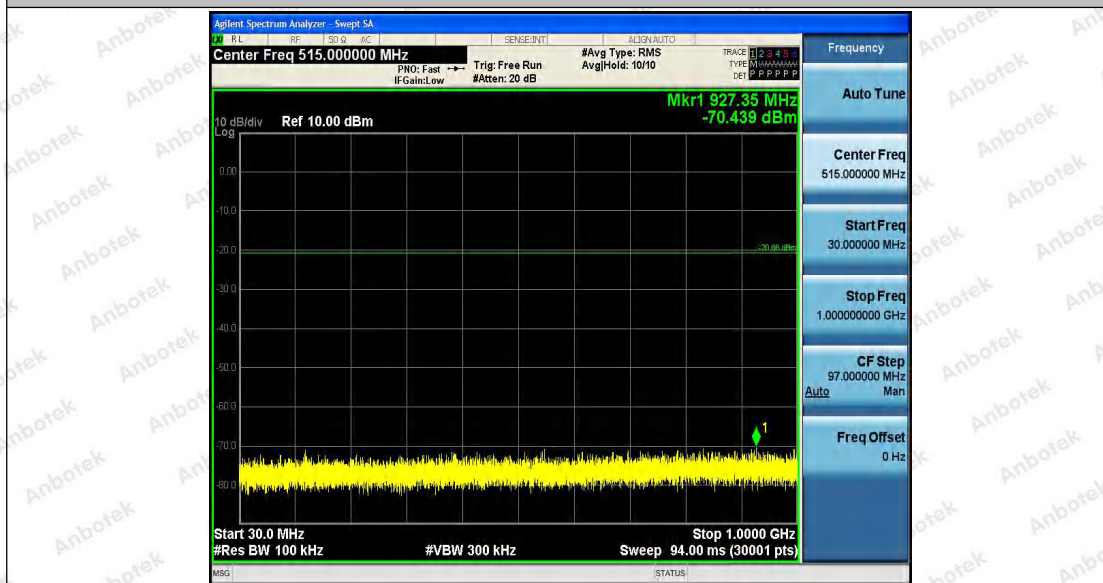




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11G_Ant2_2462_30~1000



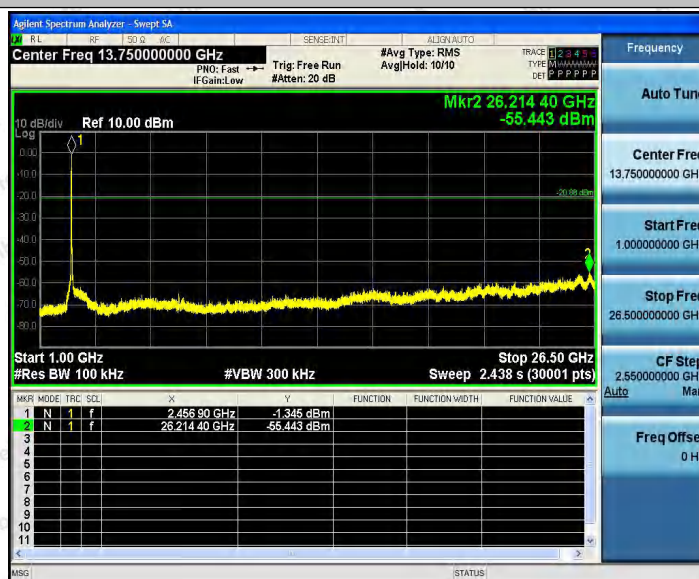
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11G_Ant2_2462_1000~26500



11N20_Ant1_2412_0~Reference



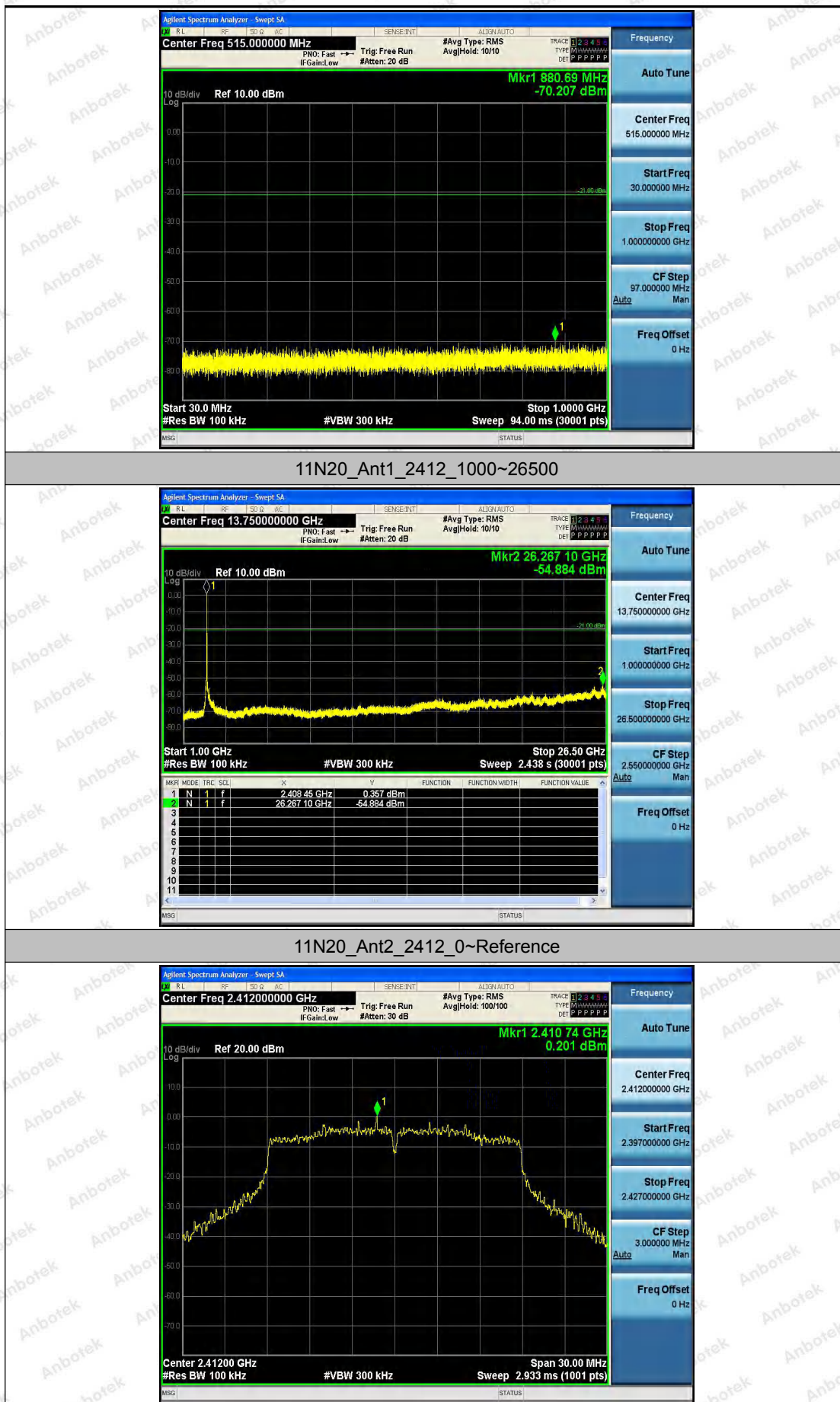
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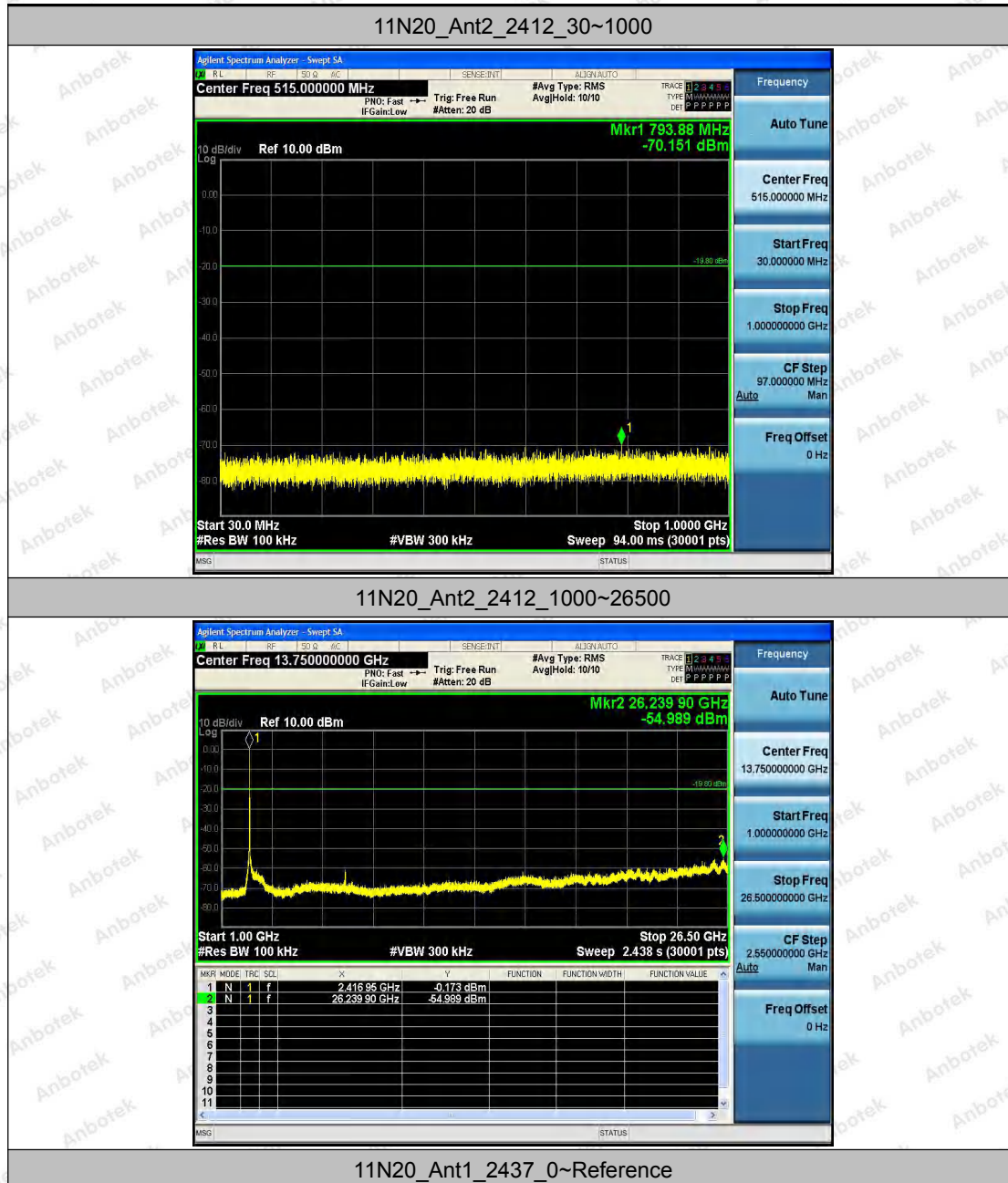


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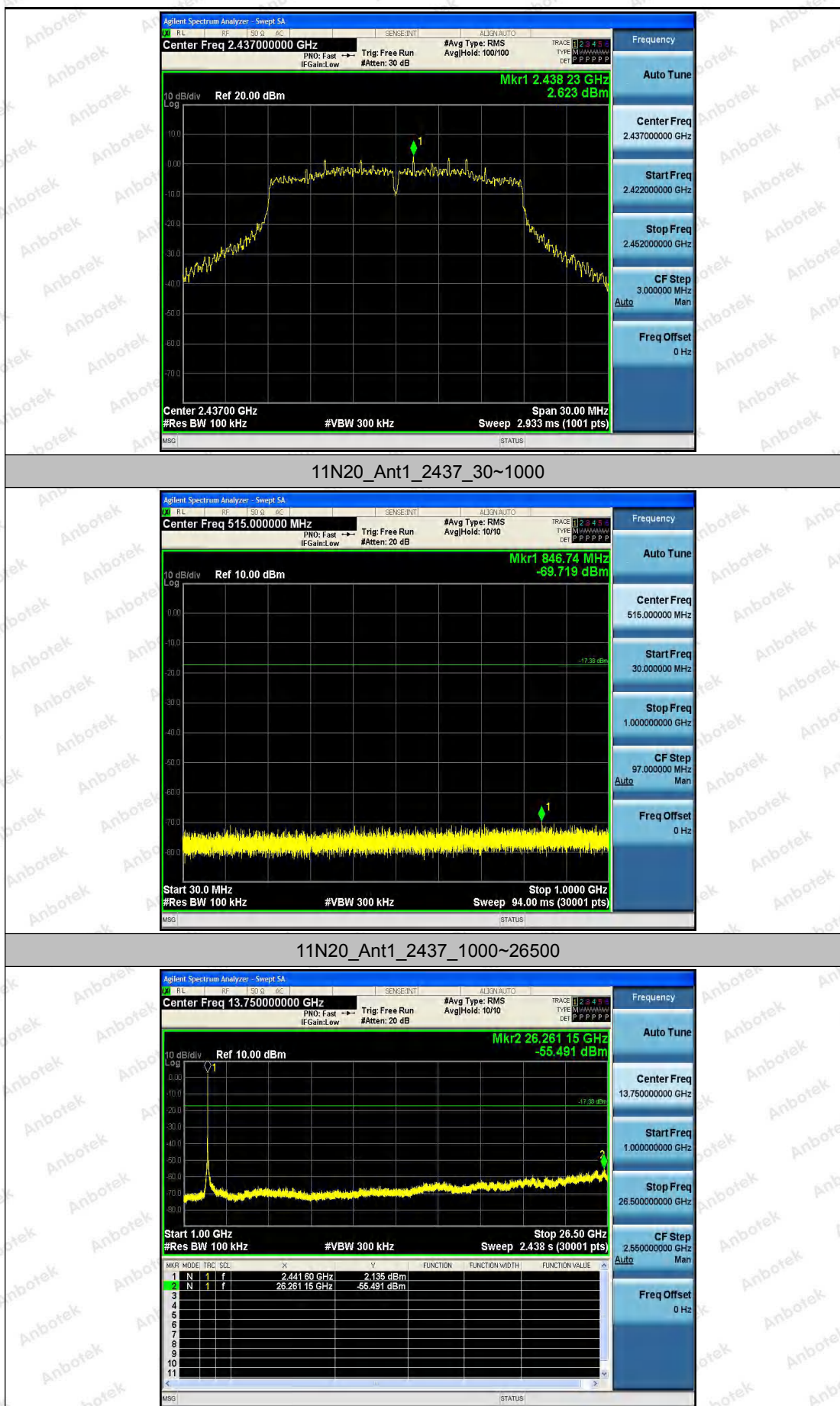


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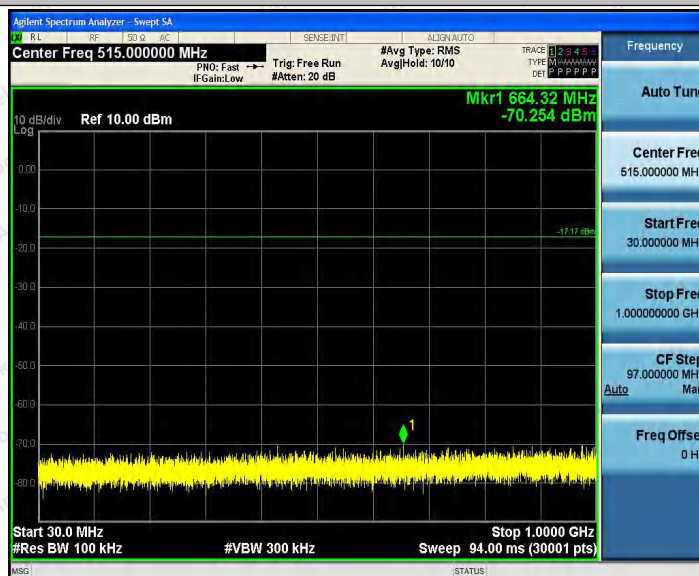
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11N20_Ant2_2437_0~Reference



11N20_Ant2_2437_30~1000



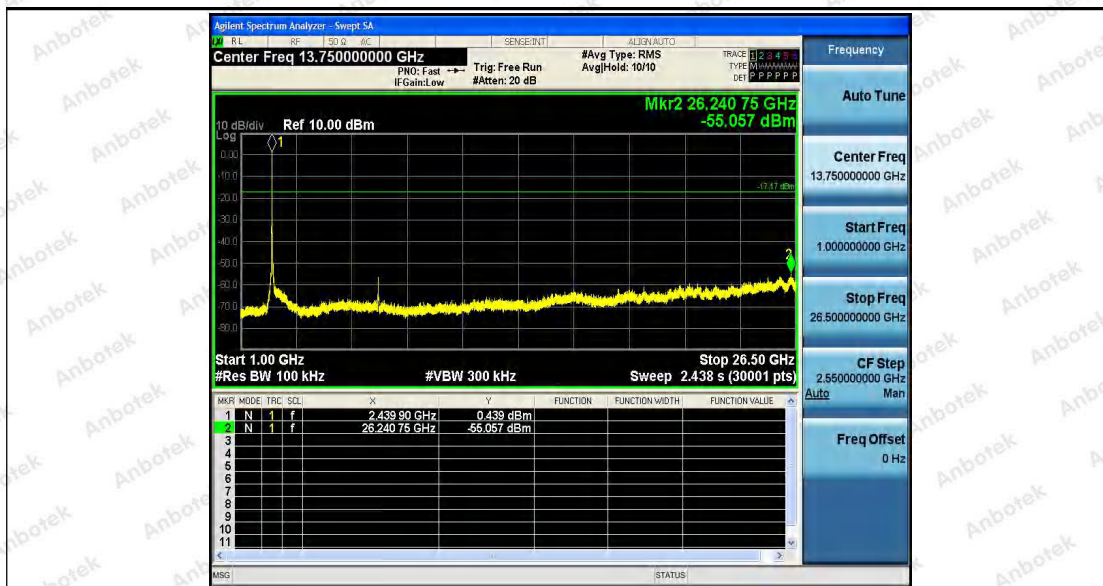
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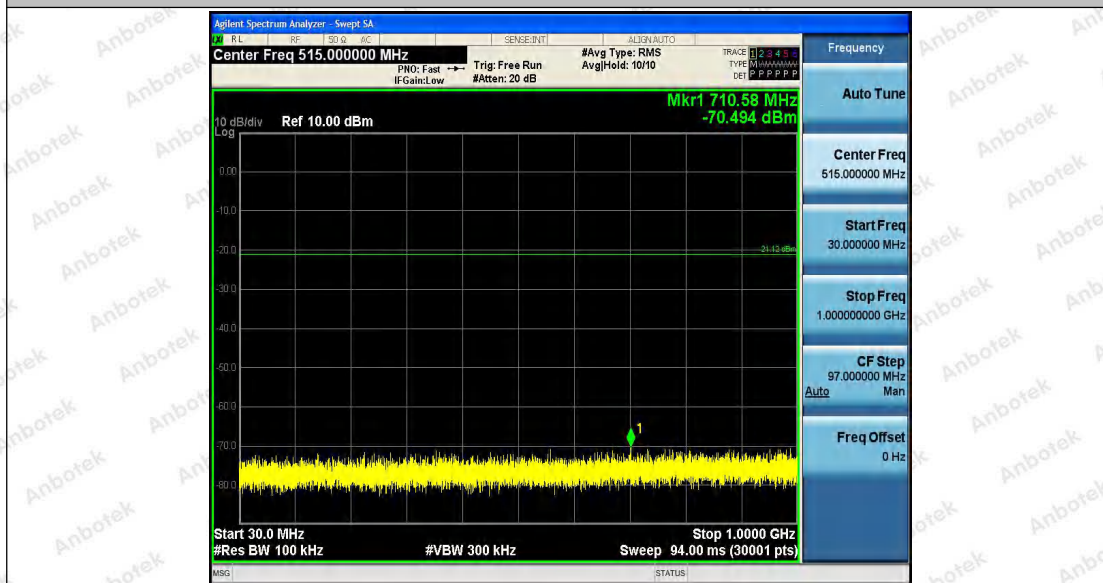
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11N20_Ant1_2462_0~Reference



11N20_Ant1_2462_30~1000



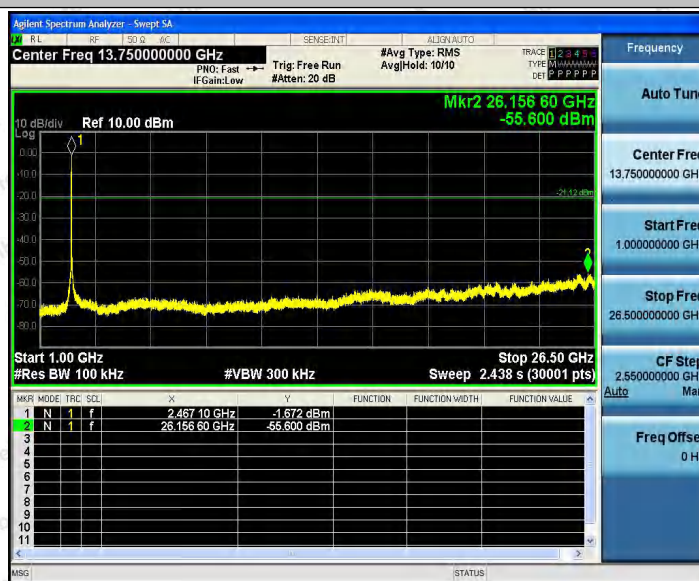
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11N20_Ant1_2462_1000~26500



11N20_Ant2_2462_0~Reference



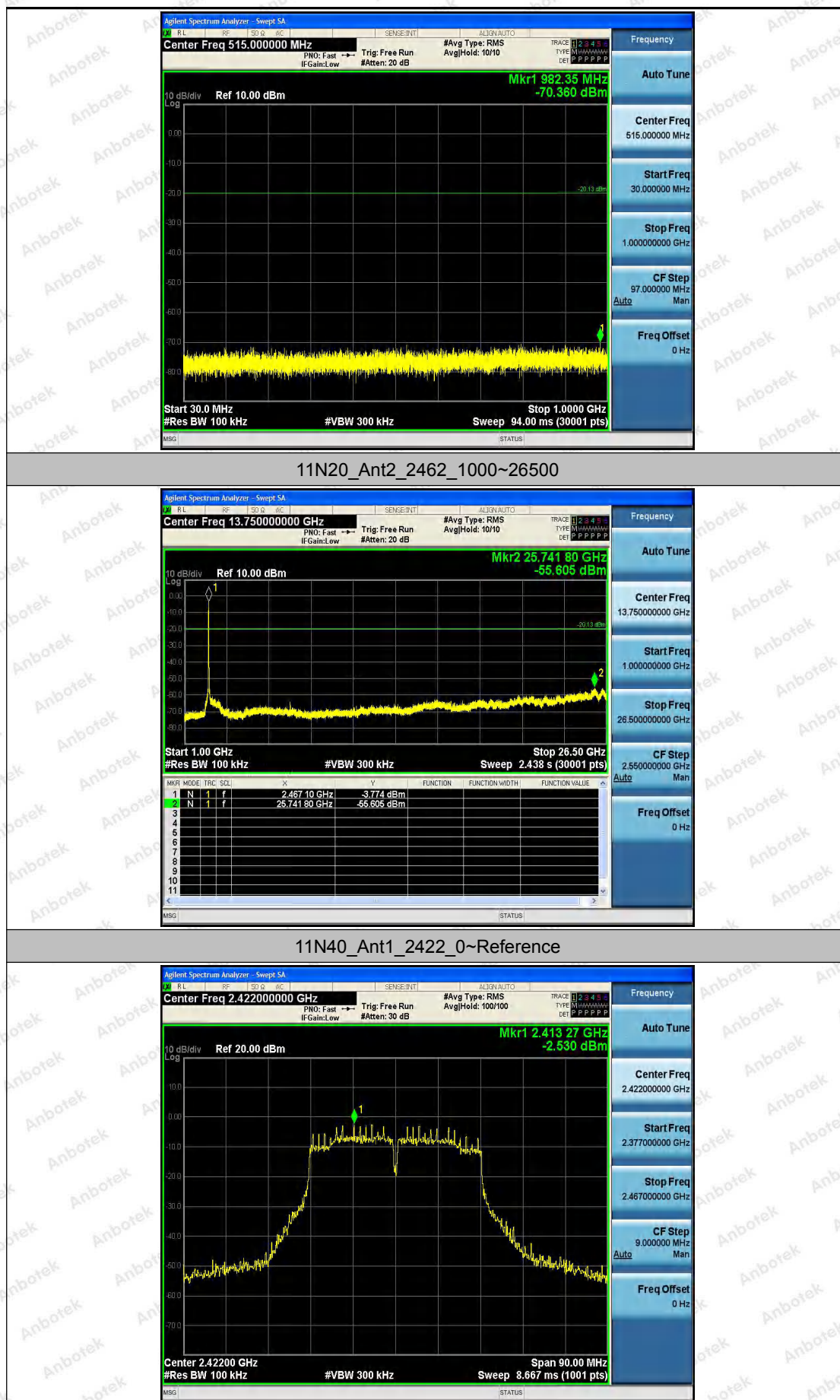
11N20_Ant2_2462_30~1000

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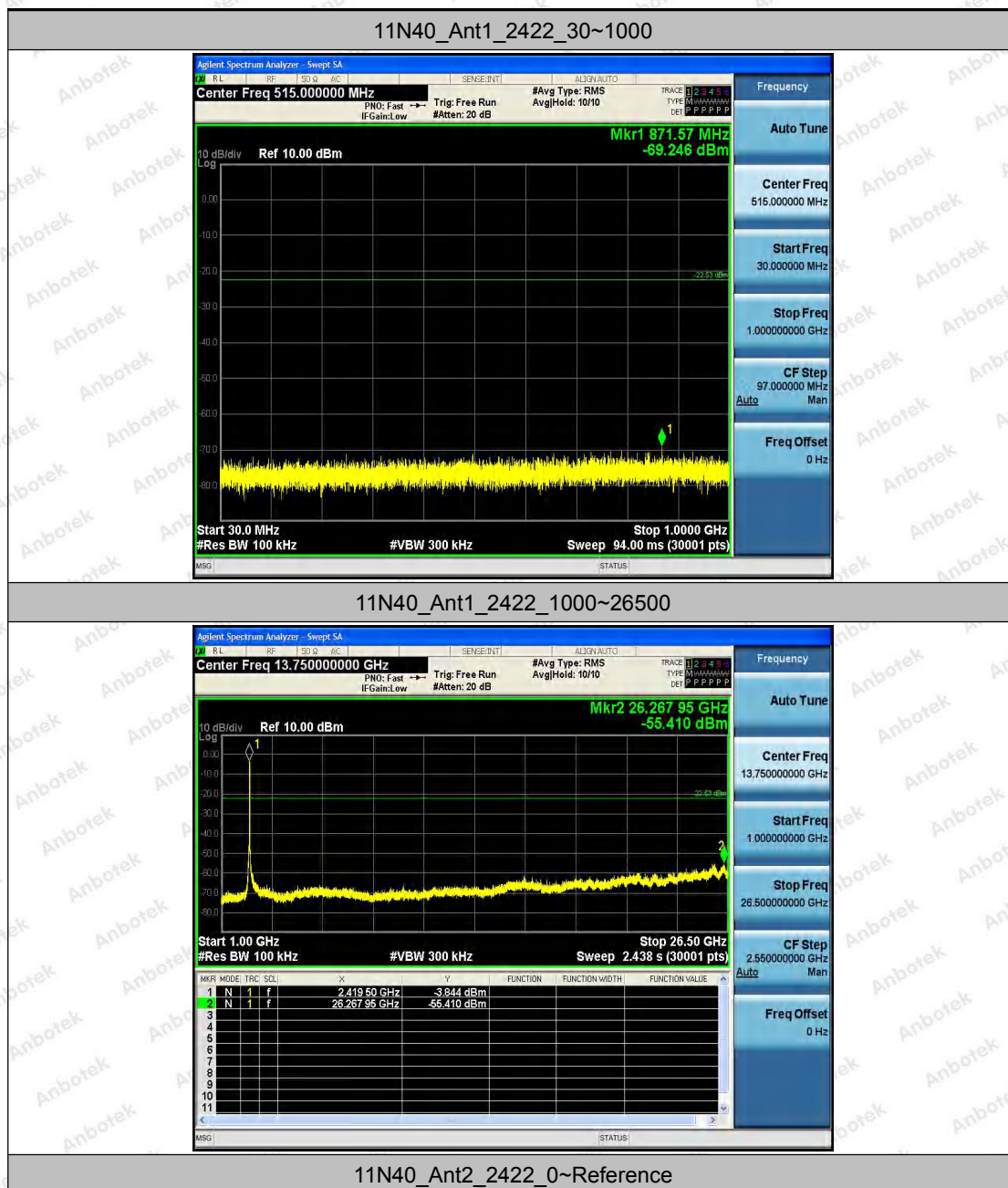


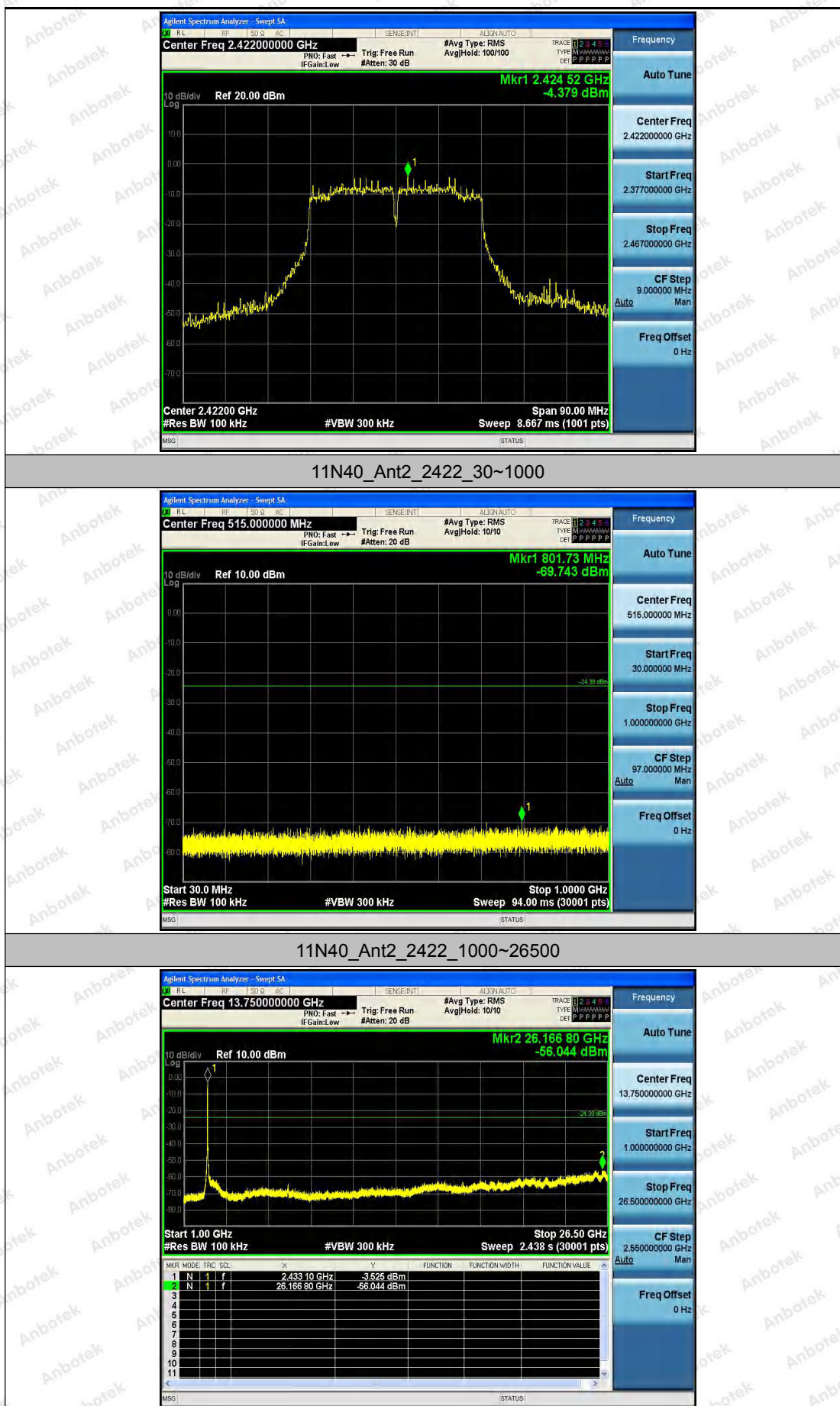
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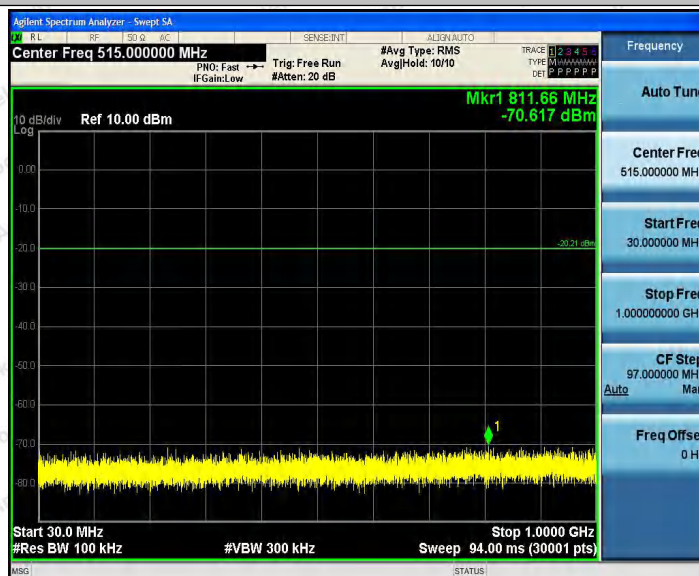
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11N40_Ant1_2437_0~Reference



11N40_Ant1_2437_30~1000



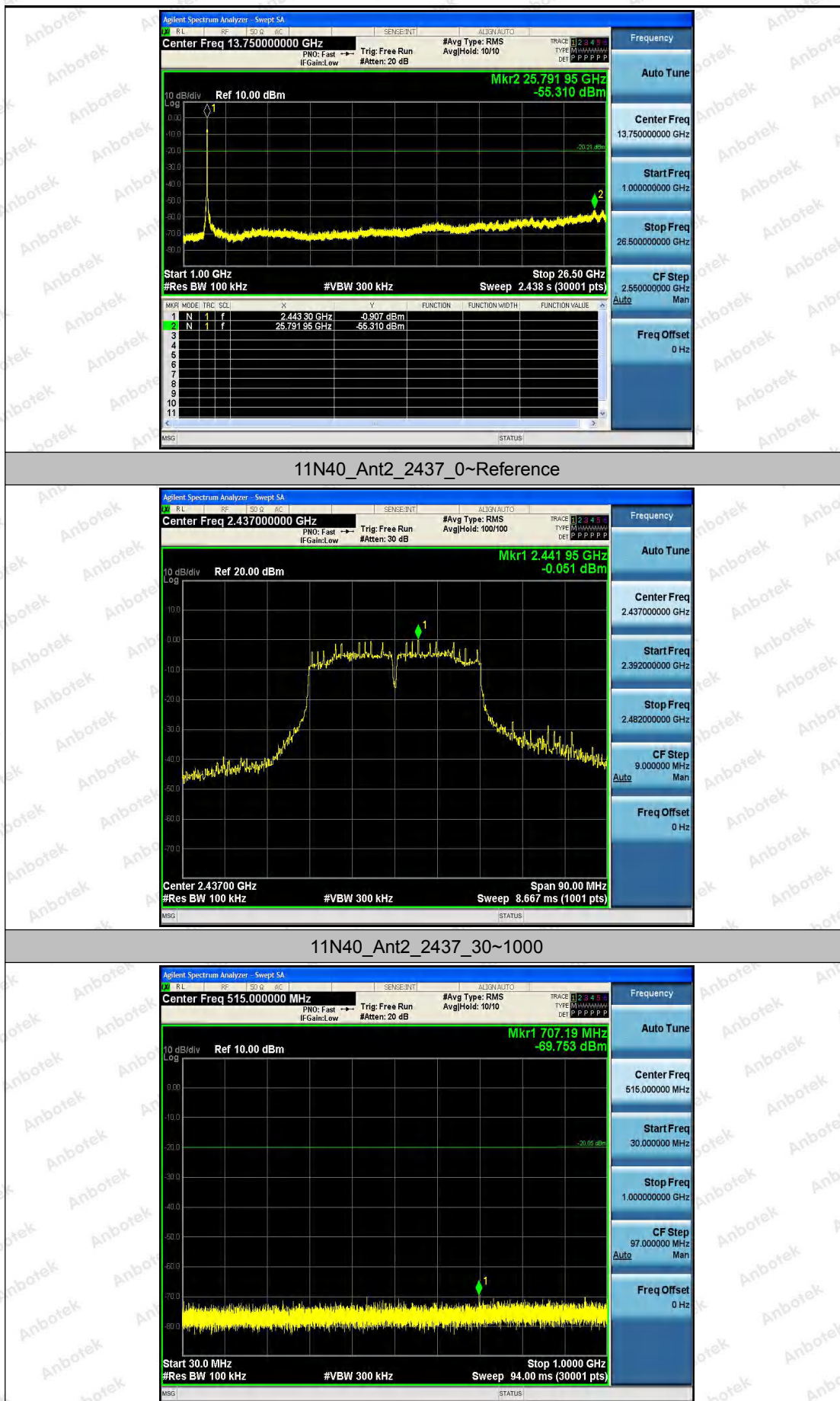
11N40_Ant1_2437_1000~26500

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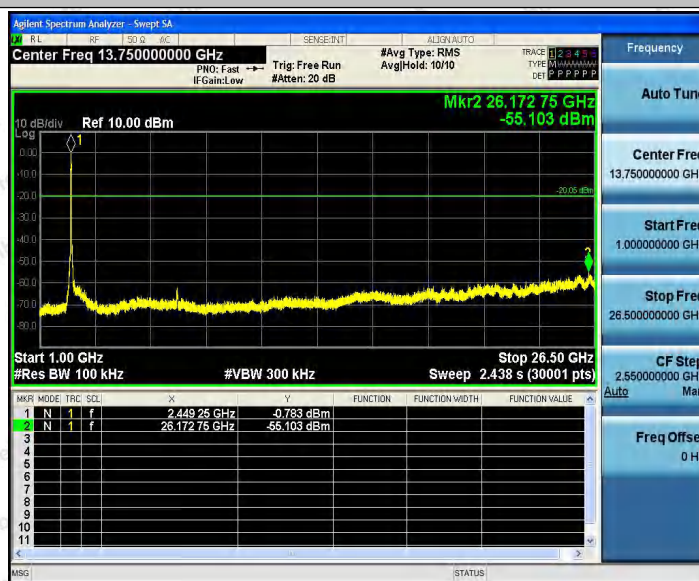
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11N40_Ant2_2437_1000~26500



11N40_Ant1_2452_0~Reference



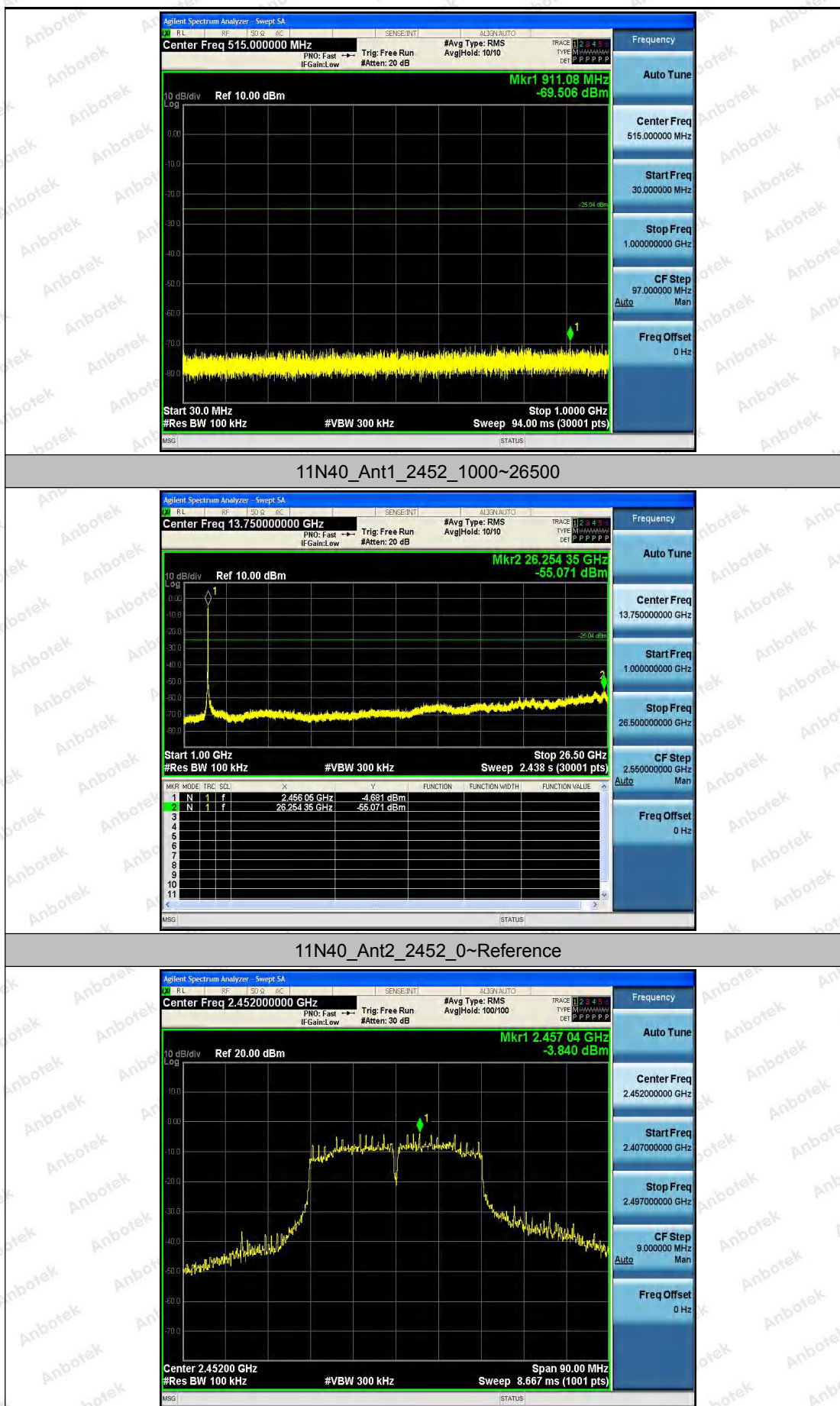
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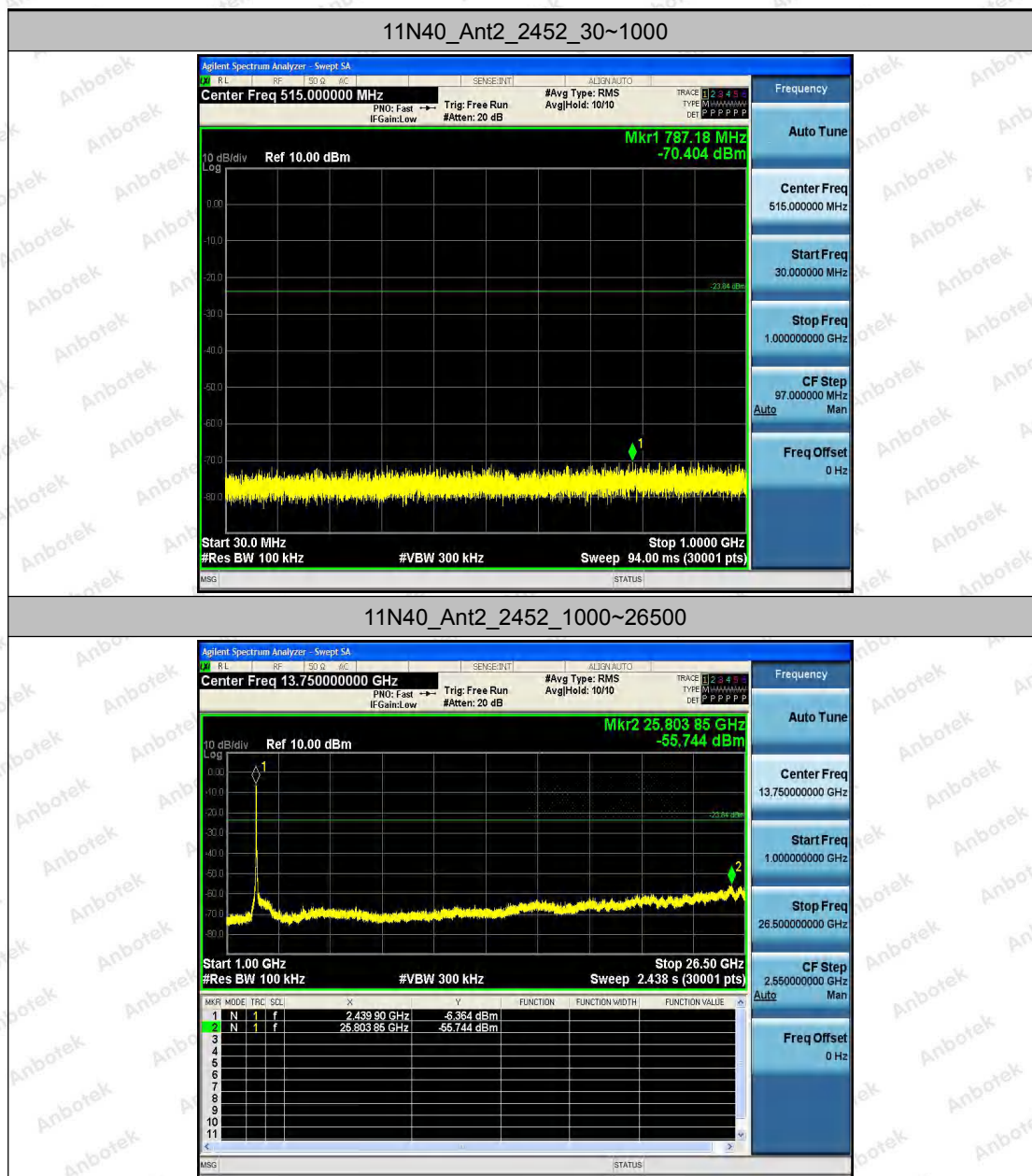


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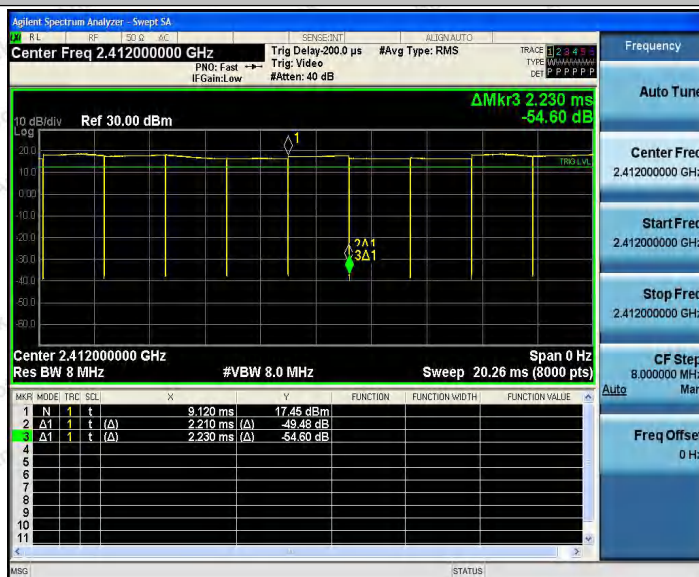
Appendix G: Duty Cycle

Test Result

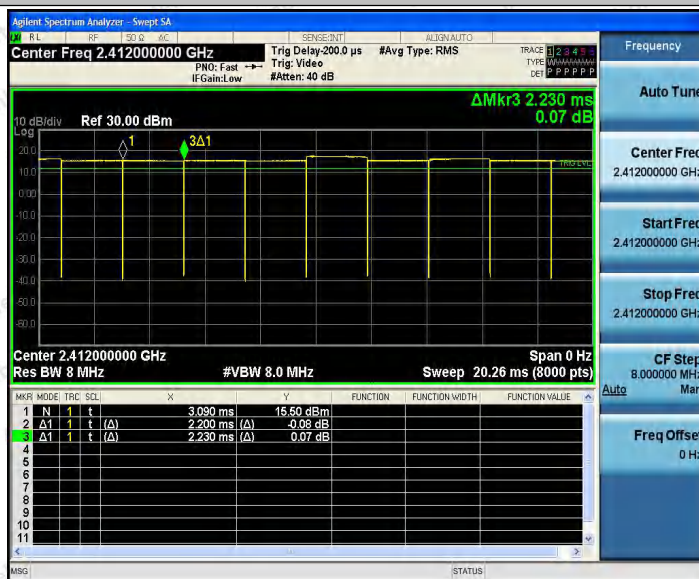
Test Mode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11B	Ant1	2412	2.21	2.23	99.10	---	PASS
	Ant2	2412	2.20	2.23	98.65	---	PASS
	Ant1	2437	2.20	2.23	98.65	---	PASS
	Ant2	2437	2.21	2.24	98.66	---	PASS
	Ant1	2462	2.20	2.23	98.65	---	PASS
	Ant2	2462	2.20	2.23	98.65	---	PASS
11G	Ant1	2412	2.05	2.08	98.56	---	PASS
	Ant2	2412	2.05	2.08	98.56	---	PASS
	Ant1	2437	2.05	2.08	98.56	---	PASS
	Ant2	2437	2.05	2.07	99.03	---	PASS
	Ant1	2462	2.05	2.08	98.56	---	PASS
	Ant2	2462	2.05	2.07	99.03	---	PASS
11N20	Ant1	2412	1.91	1.94	98.45	---	PASS
	Ant2	2412	1.90	1.93	98.45	---	PASS
	Ant1	2437	1.90	1.93	98.45	---	PASS
	Ant2	2437	1.91	1.93	98.96	---	PASS
	Ant1	2462	1.91	1.94	98.45	---	PASS
	Ant2	2462	1.91	1.93	98.96	---	PASS
11N40	Ant1	2422	0.93	0.96	96.88	---	PASS
	Ant2	2422	0.94	0.96	97.92	---	PASS
	Ant1	2437	0.93	0.96	96.88	---	PASS
	Ant2	2437	0.93	0.96	96.88	---	PASS
	Ant1	2452	0.94	0.97	96.91	---	PASS
	Ant2	2452	0.94	0.96	97.92	---	PASS

Test Graphs

11B_Ant1_2412



11B_Ant2_2412



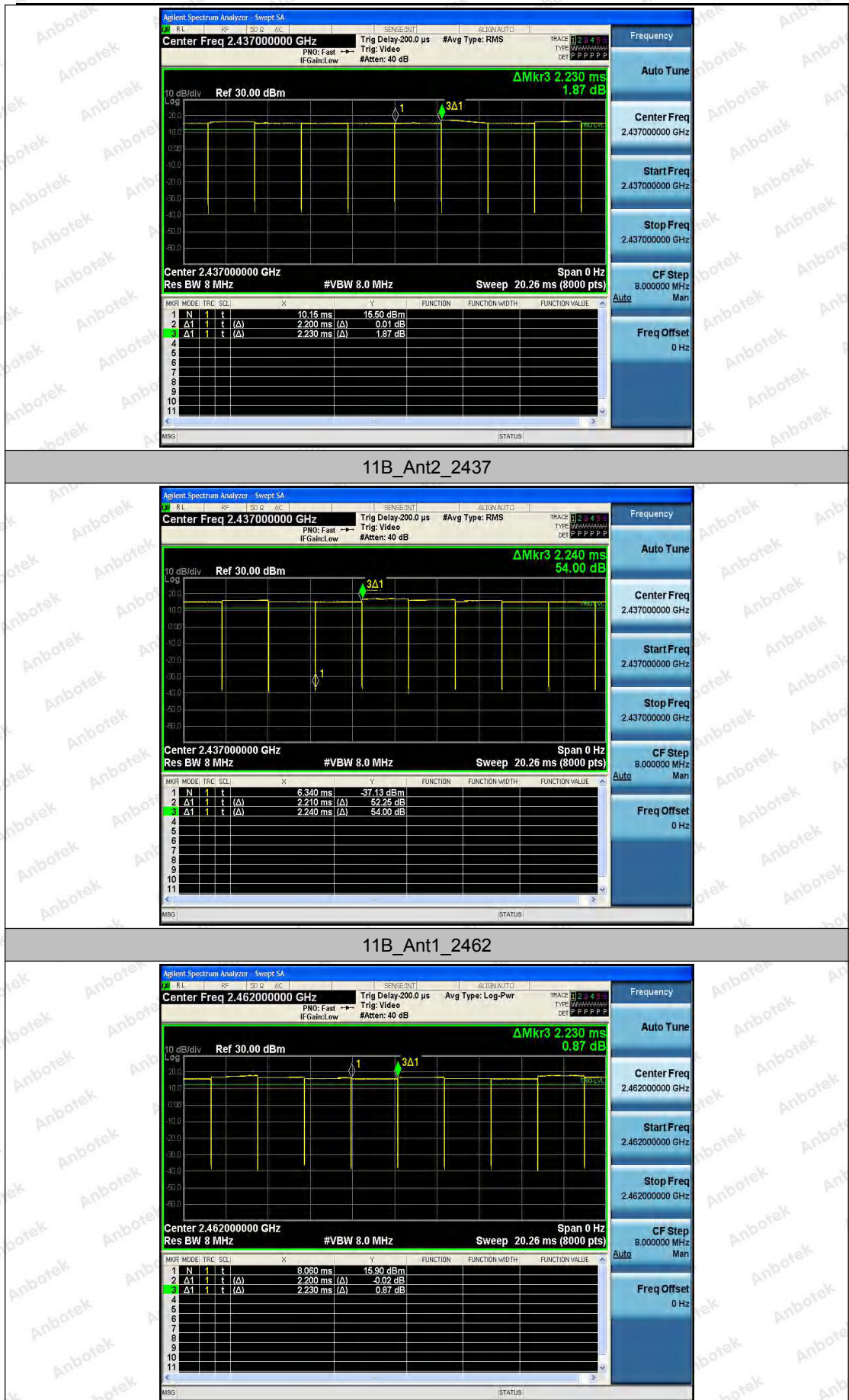
11B_Ant1_2437

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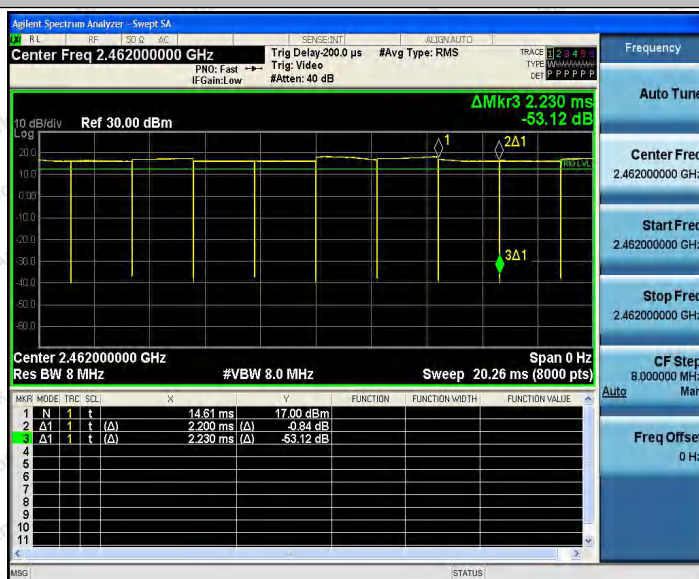
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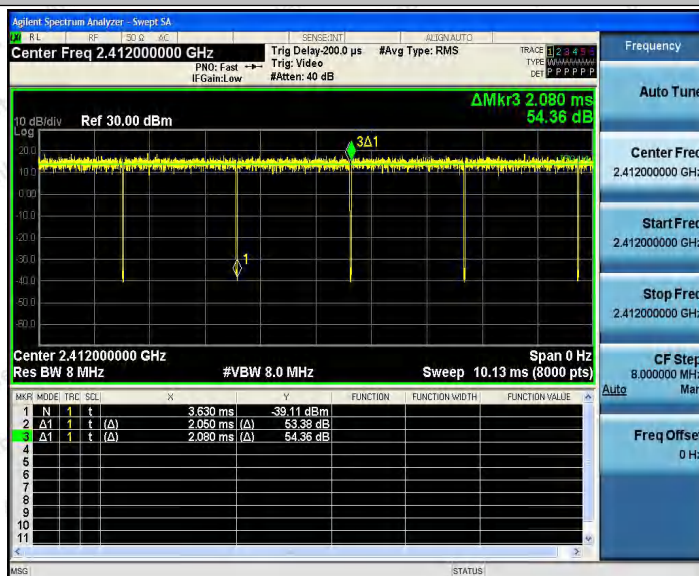
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11B_Ant2_2462



11G_Ant1_2412



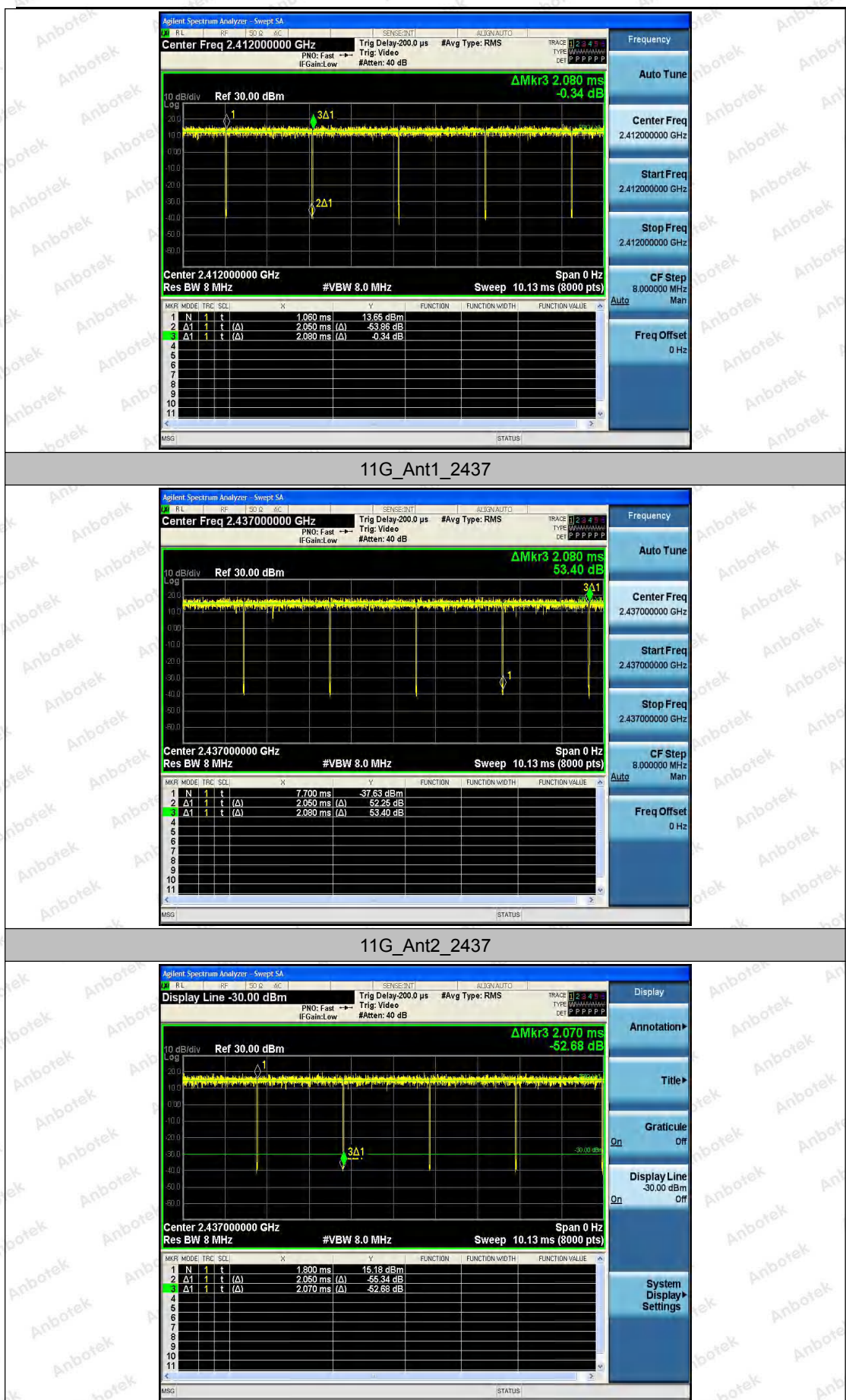
11G_Ant2_2412

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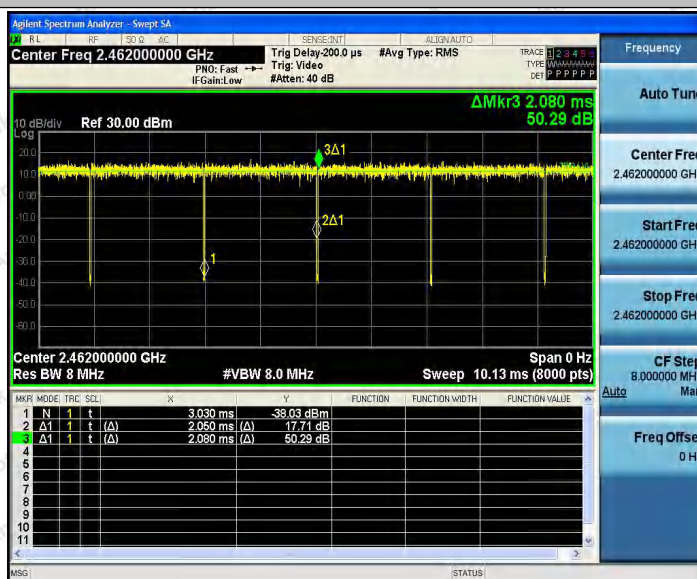
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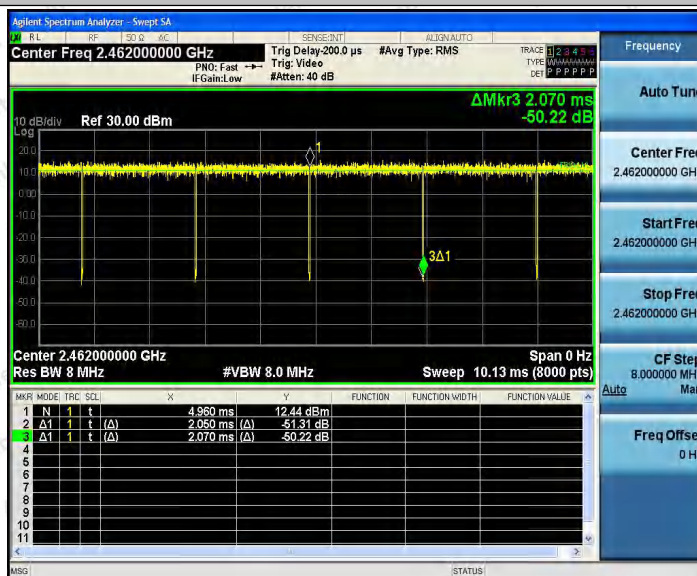
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11G_Ant1_2462



11G_Ant2_2462



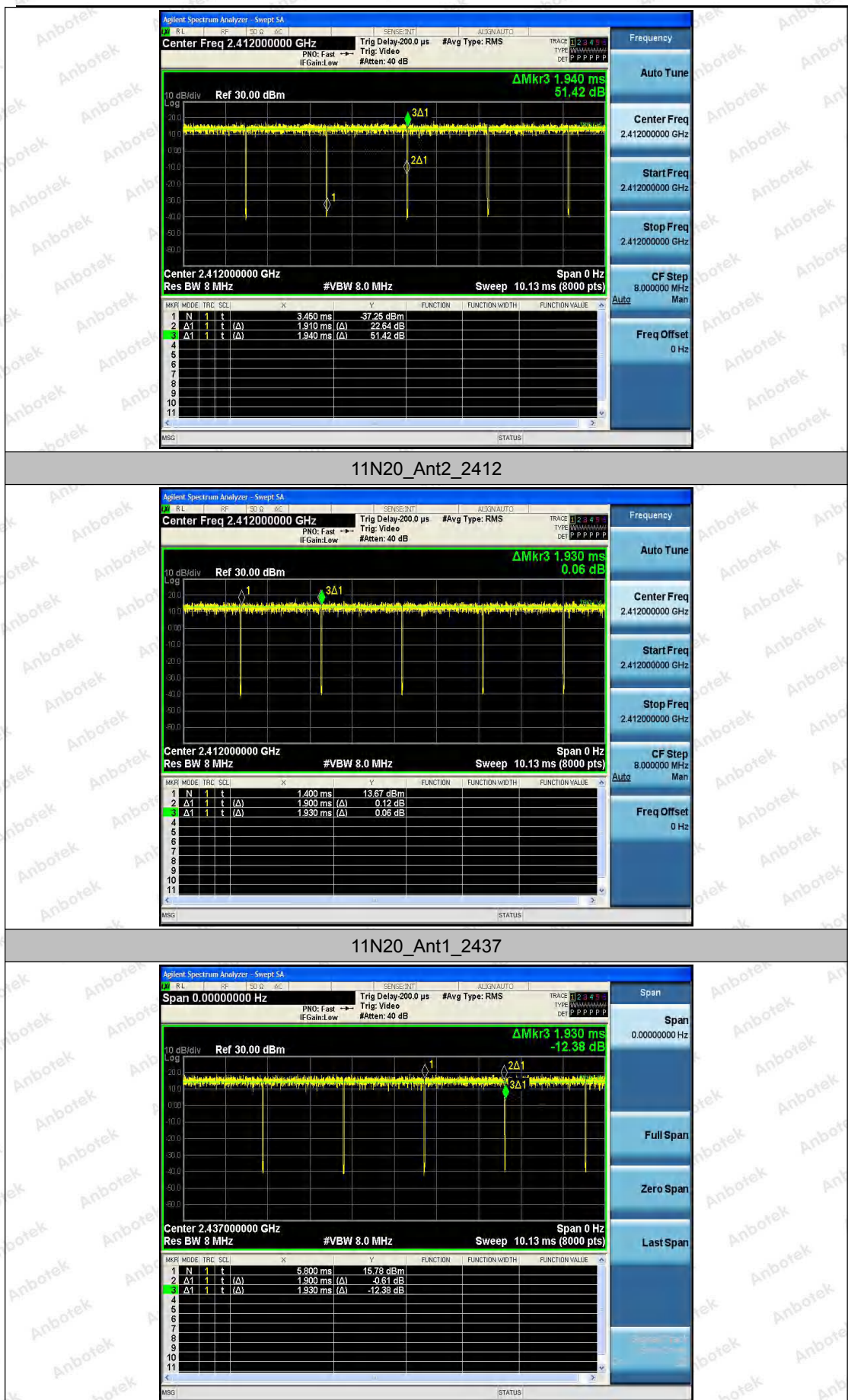
11N20_Ant1_2412

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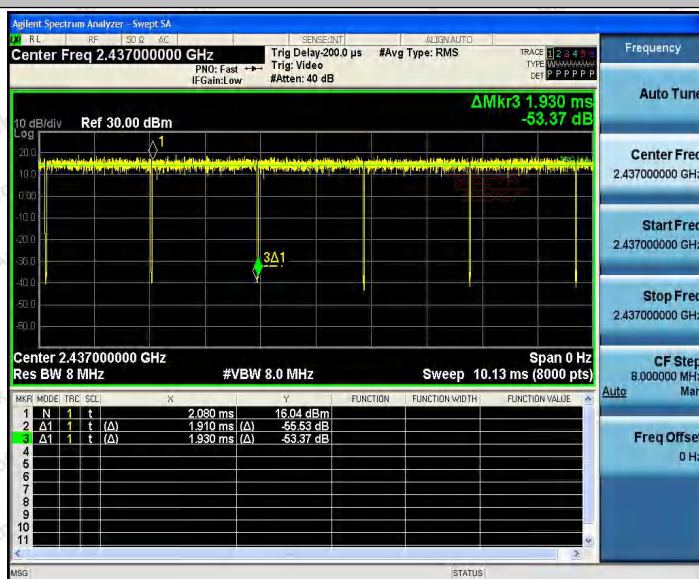
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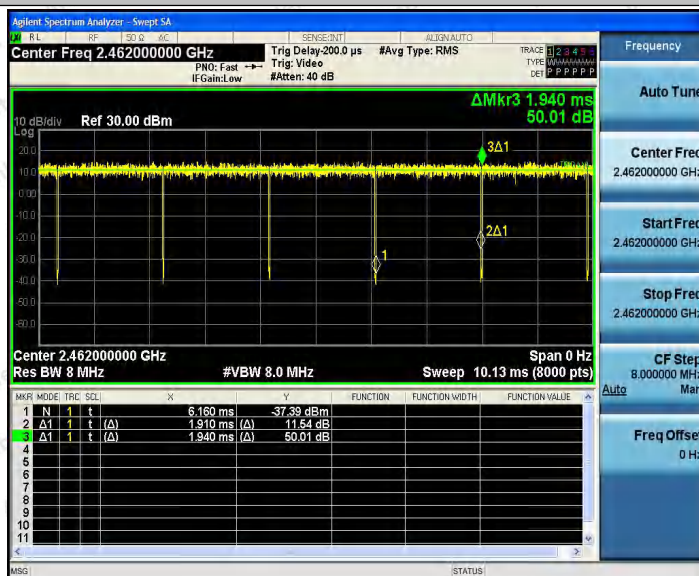
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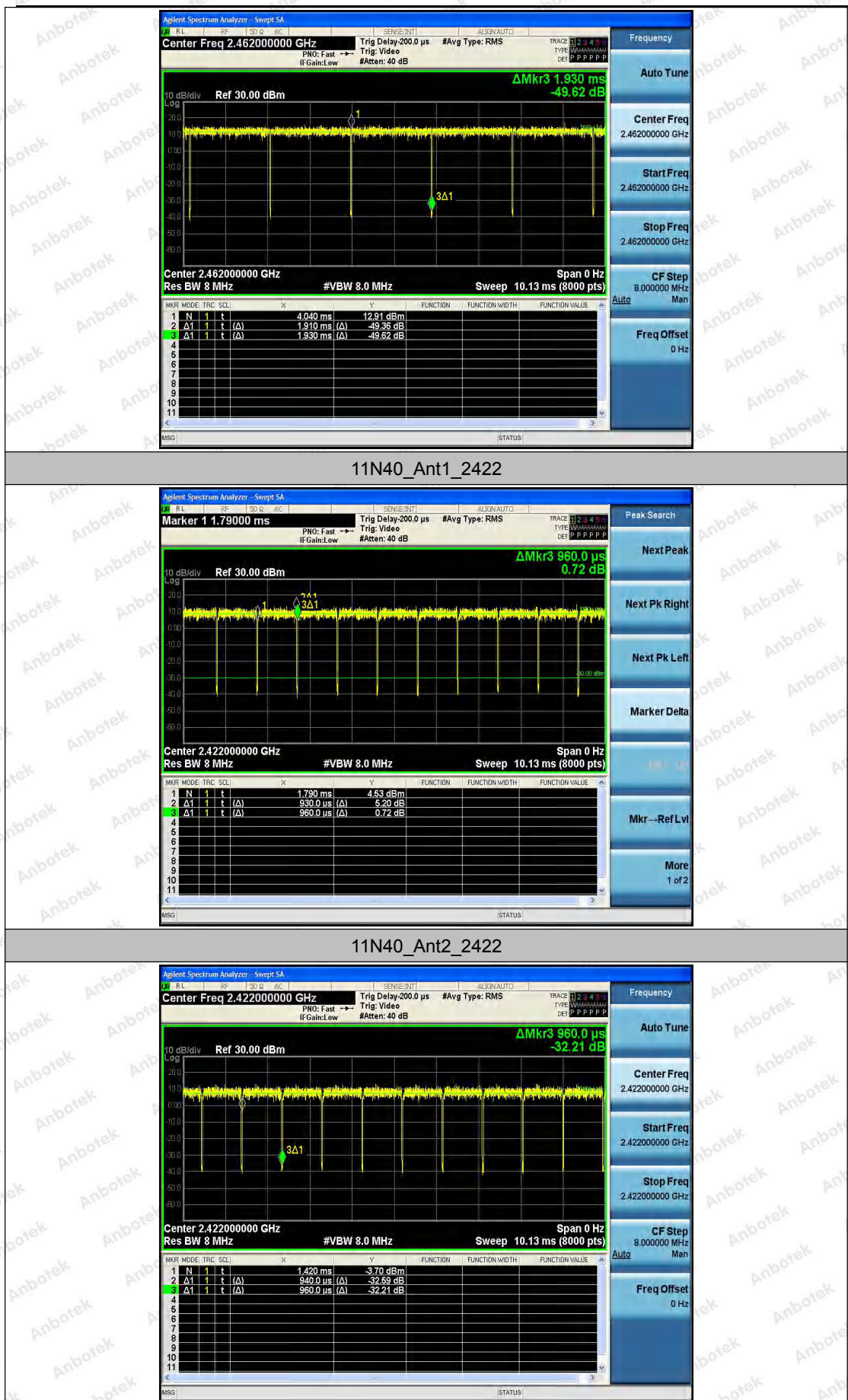
11N20_Ant2_2437



11N20_Ant1_2462



11N20_Ant2_2462



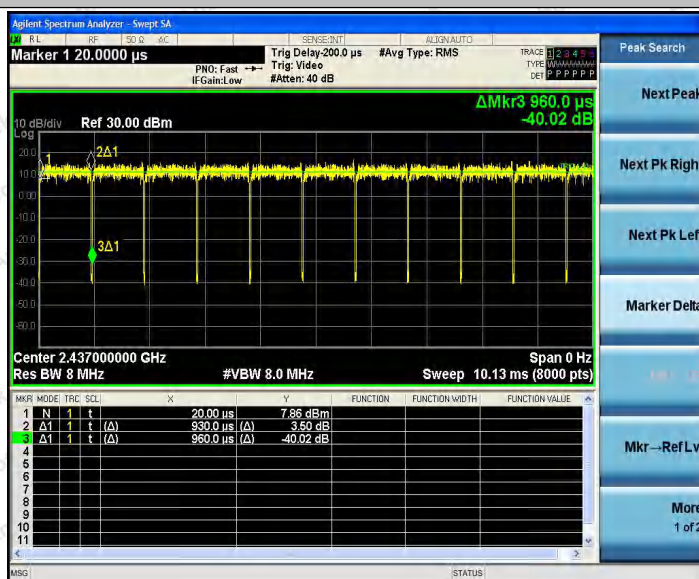
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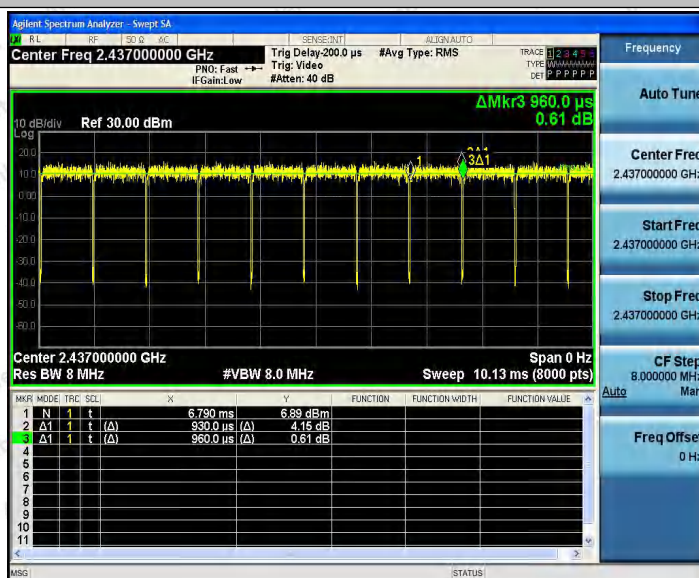
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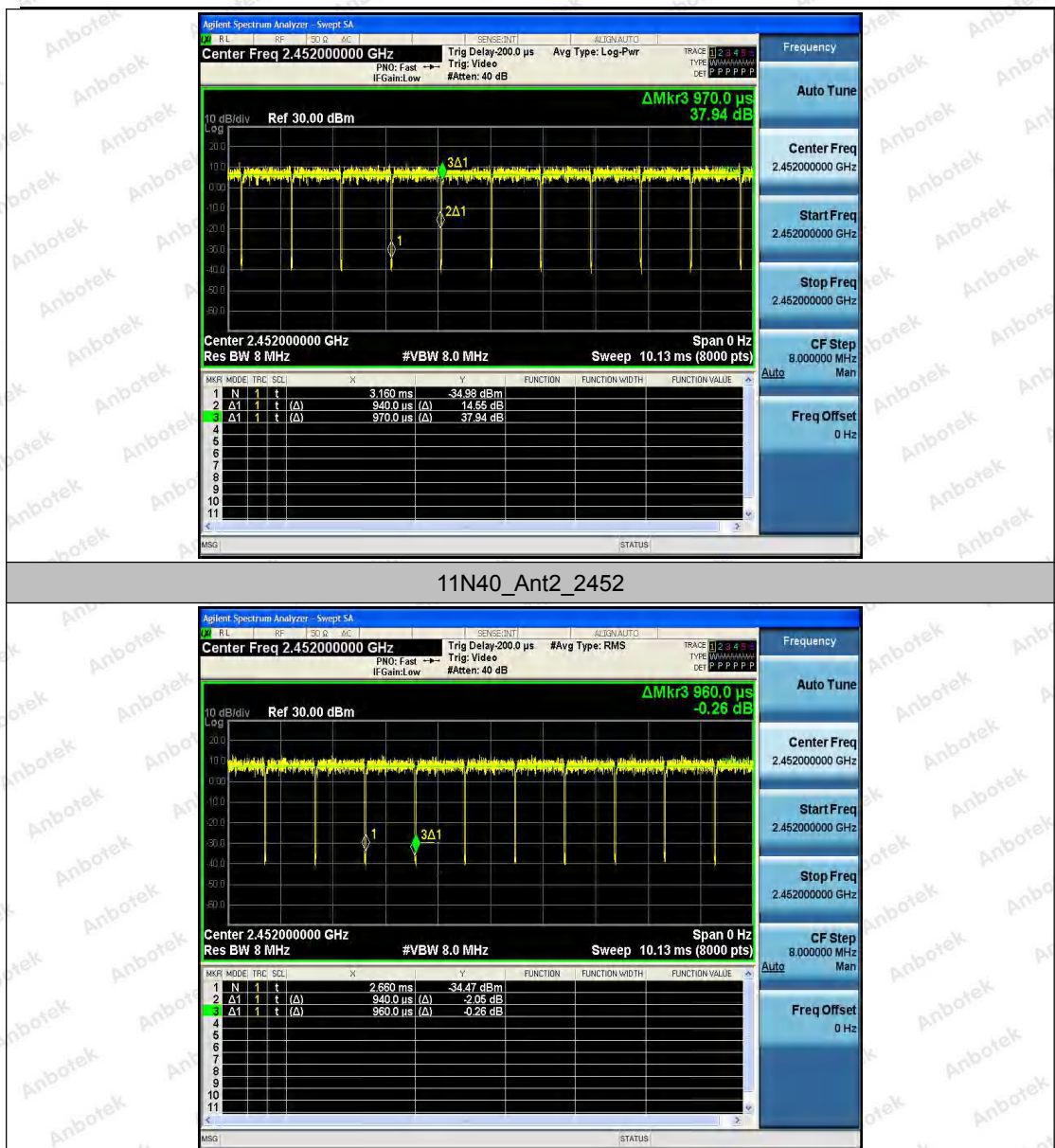
11N40_Ant1_2437



11N40_Ant2_2437



11N40_Ant1_2452



---End---