

TEST REPORT

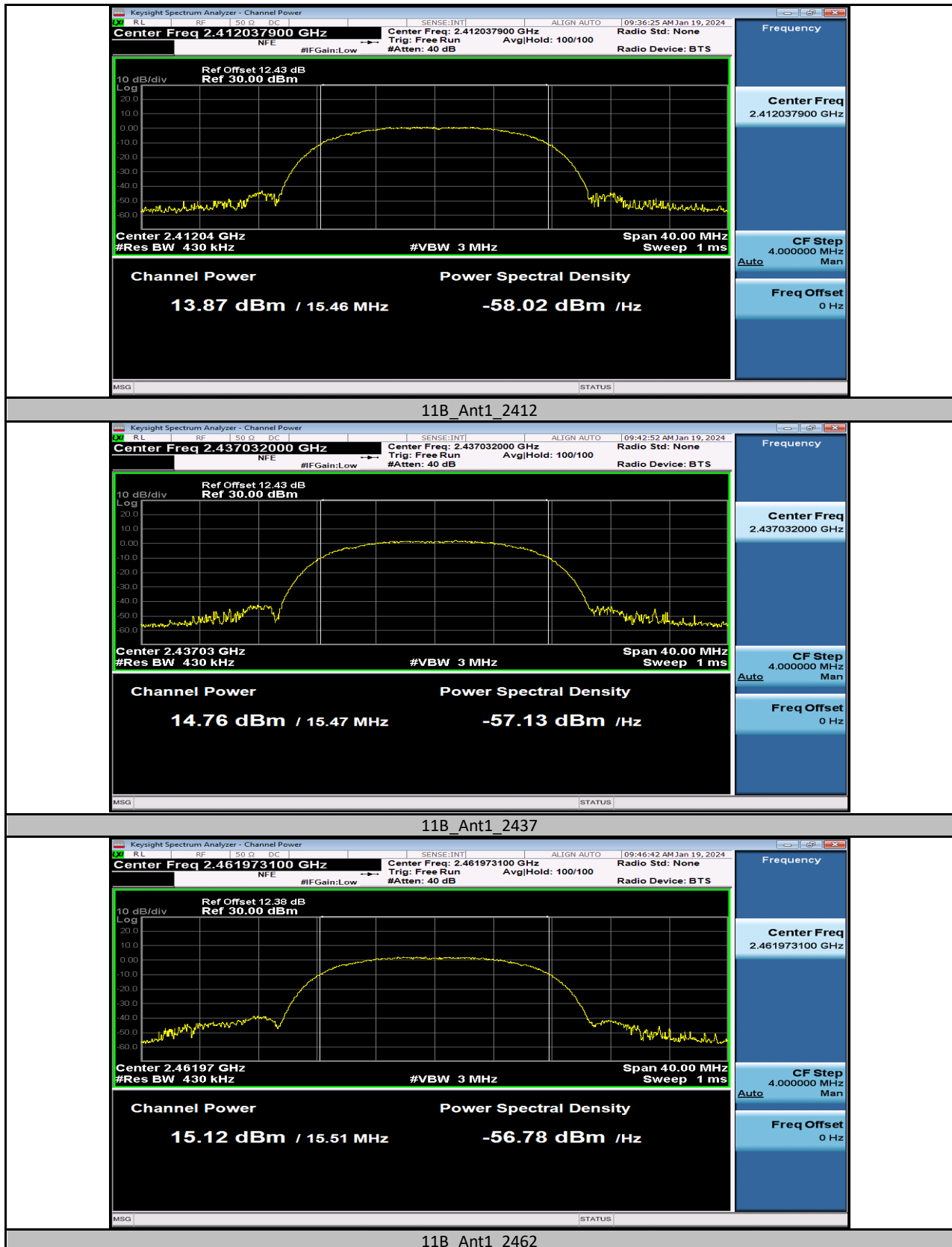
Maximum conducted output power and e.i.r.p

Test Data

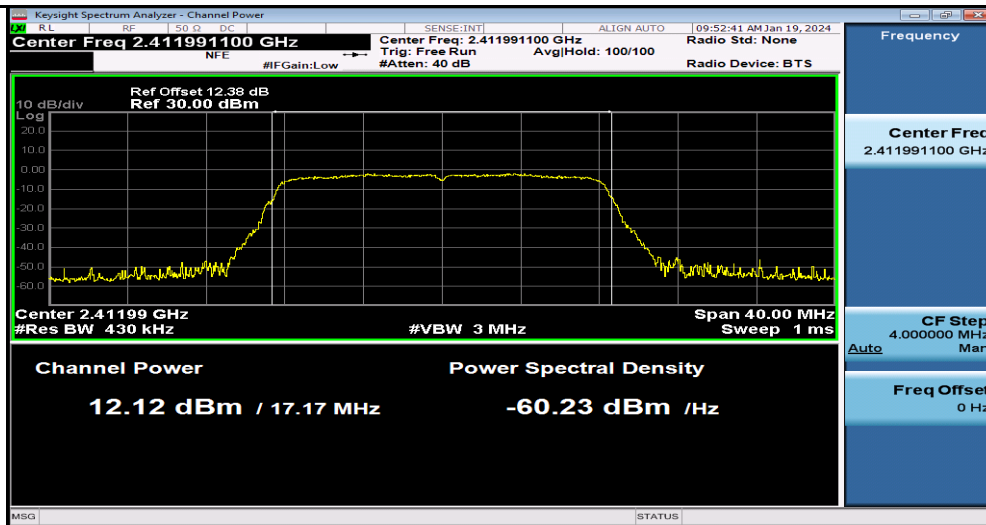
TestMode	Antenna	Frequency [MHz]	Peak Power [dBm]	Conducted Limit[dBm]	EIRP [dBm]	EIRP Limit[dBm]	Verdict
11B	Ant1	2412	13.87	≤30.00	13.87	≤36.00	PASS
		2437	14.76	≤30.00	14.76	≤36.00	PASS
		2462	15.12	≤30.00	15.12	≤36.00	PASS
11G	Ant1	2412	12.12	≤30.00	12.12	≤36.00	PASS
		2437	12.46	≤30.00	12.46	≤36.00	PASS
		2462	12.90	≤30.00	12.90	≤36.00	PASS
11N20SISO	Ant1	2412	11.12	≤30.00	11.12	≤36.00	PASS
		2437	11.13	≤30.00	11.13	≤36.00	PASS
		2462	11.51	≤30.00	11.51	≤36.00	PASS
11N40SISO	Ant1	2422	9.87	≤30.00	9.87	≤36.00	PASS
		2437	9.74	≤30.00	9.74	≤36.00	PASS
		2452	9.75	≤30.00	9.75	≤36.00	PASS

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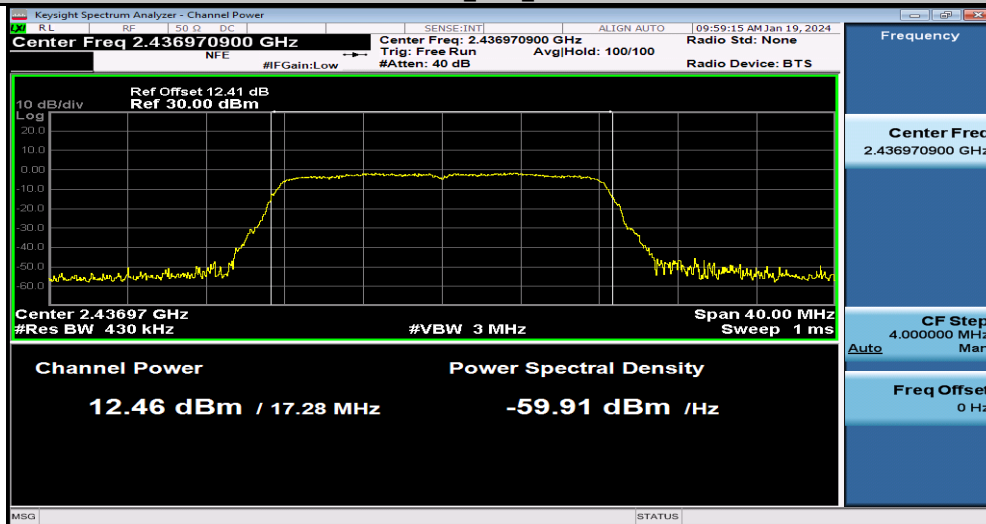
Test Plots



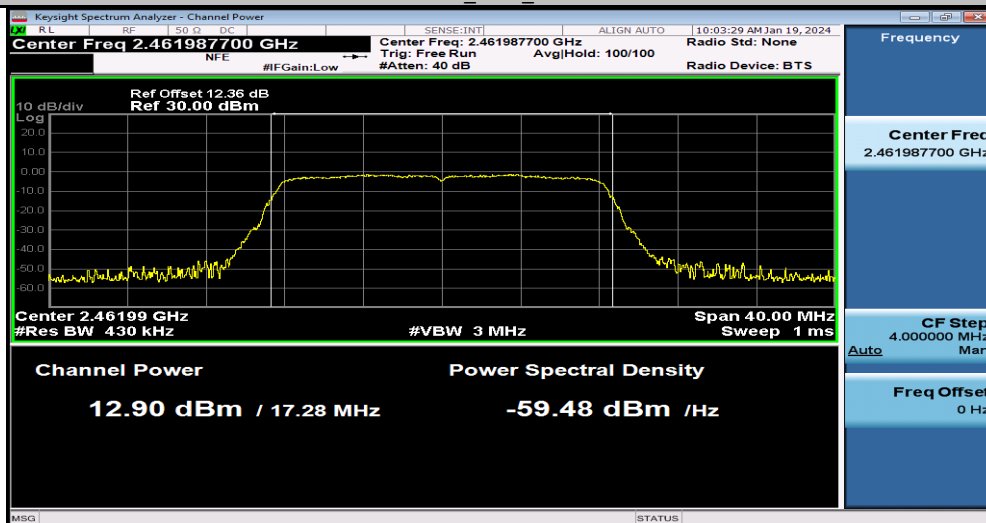
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11G_Ant1_2412

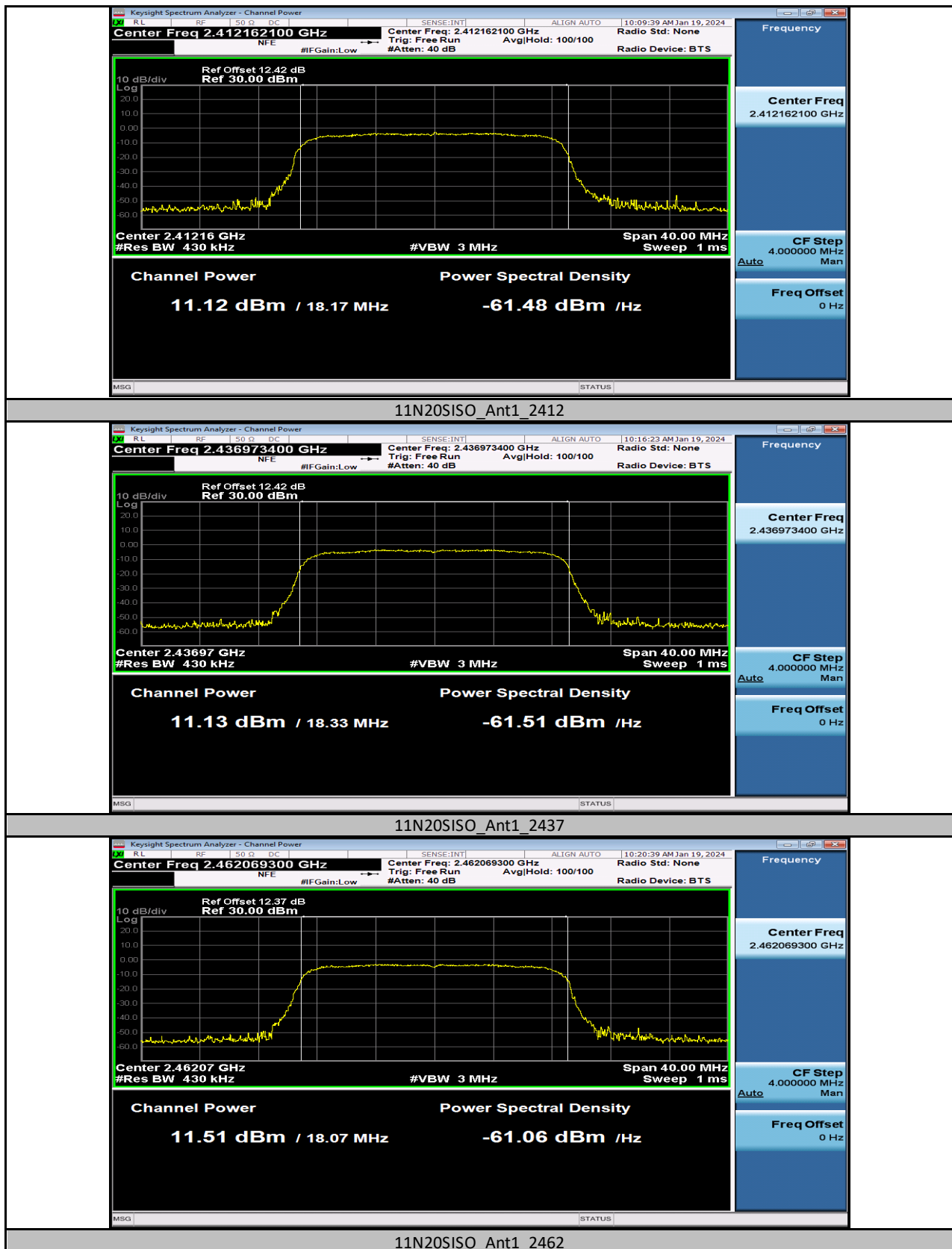


11G_Ant1_2437

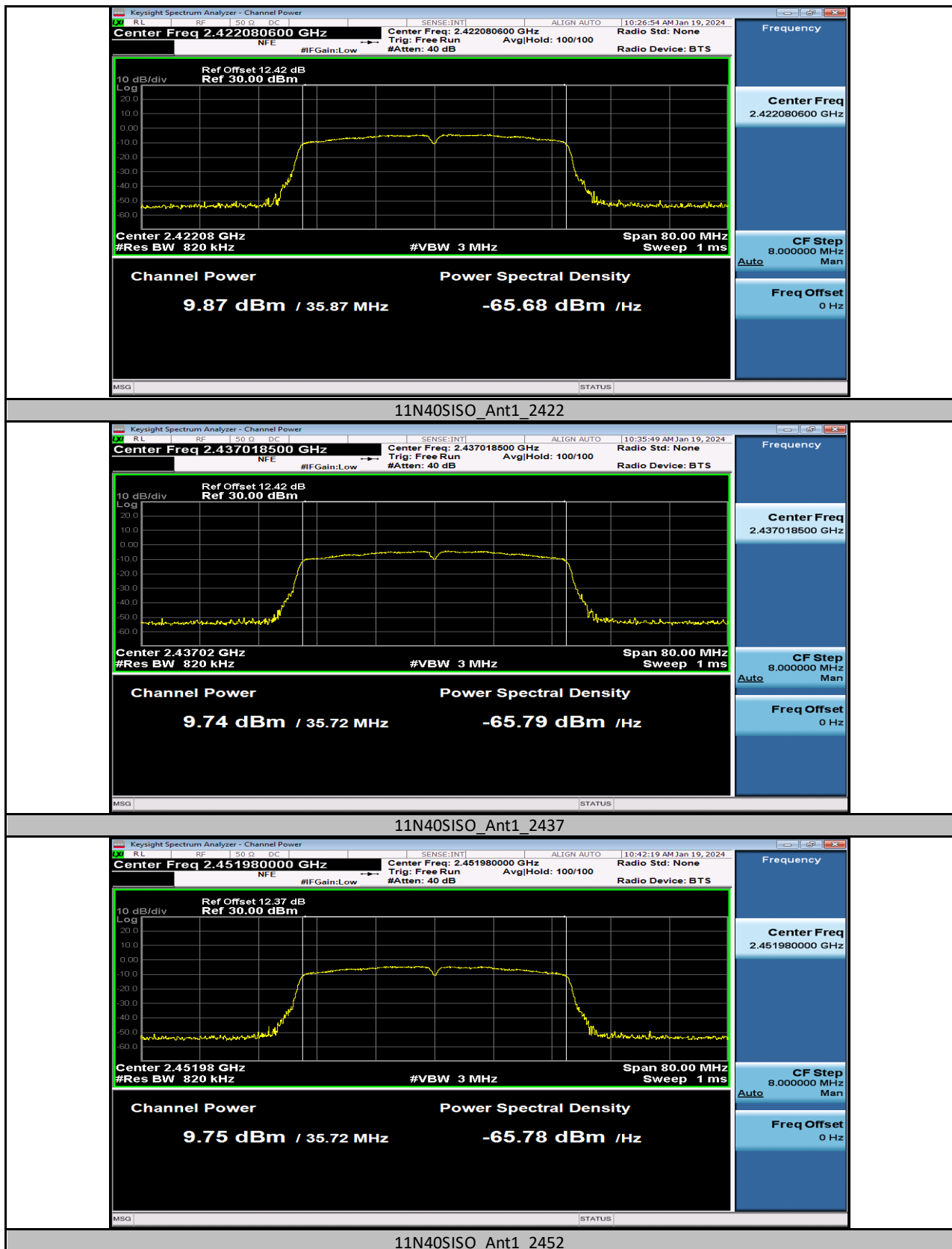


11G Ant1 2462

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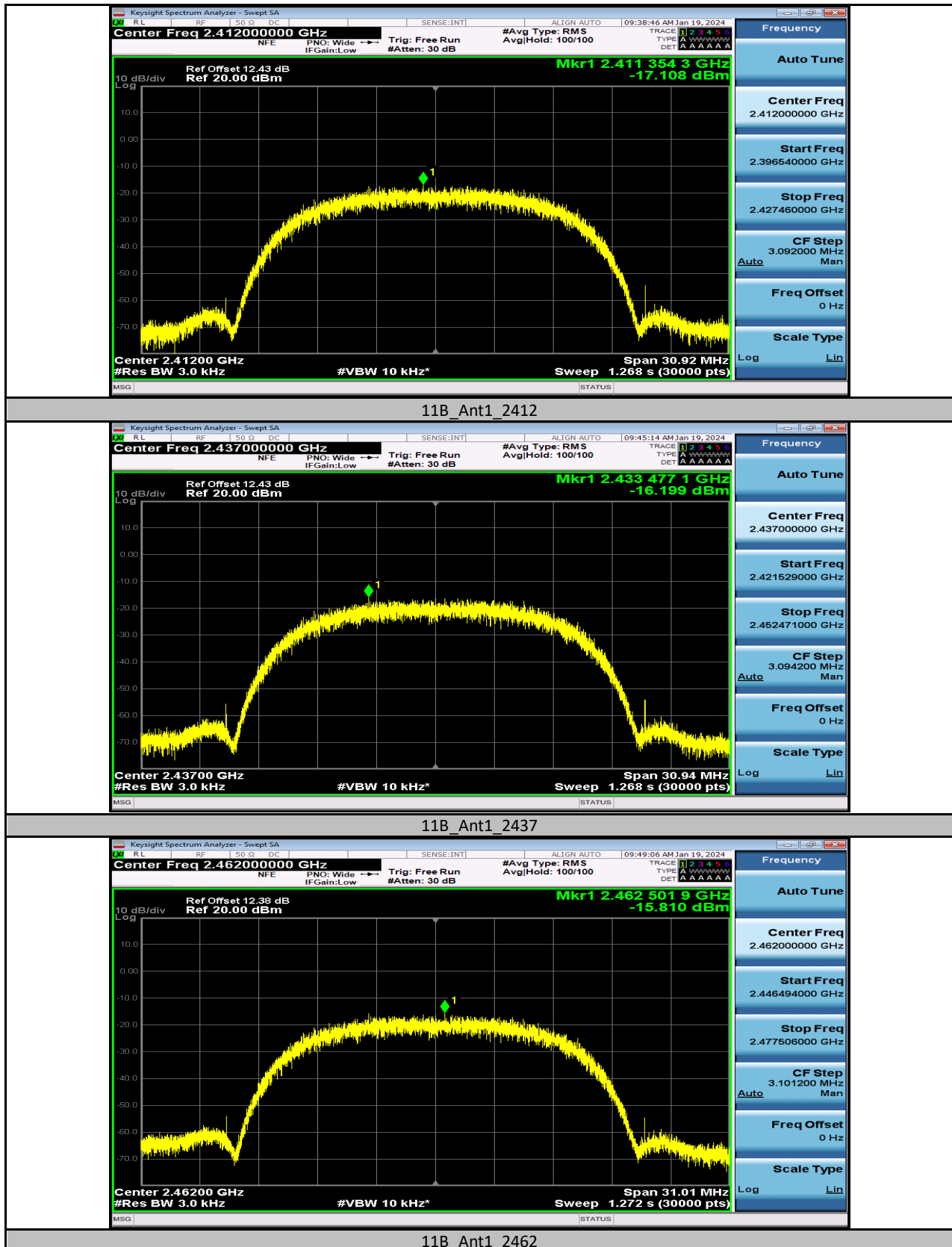
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Maximum power spectrum density

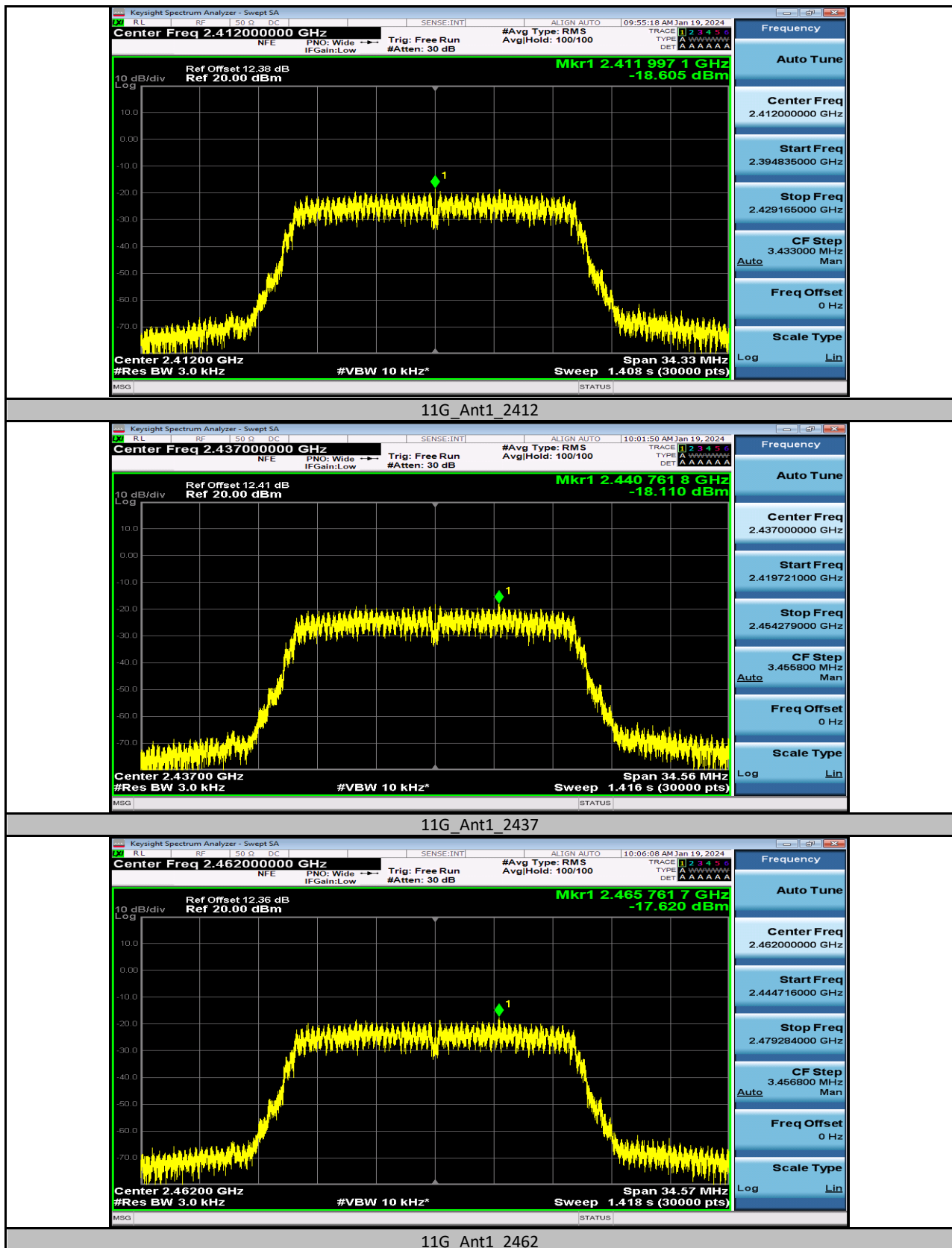
Test Data

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-17.11	≤8.00	PASS
		2437	-16.2	≤8.00	PASS
		2462	-15.81	≤8.00	PASS
11G	Ant1	2412	-18.61	≤8.00	PASS
		2437	-18.11	≤8.00	PASS
		2462	-17.62	≤8.00	PASS
11N20SISO	Ant1	2412	-18.35	≤8.00	PASS
		2437	-18	≤8.00	PASS
		2462	-18.57	≤8.00	PASS
11N40SISO	Ant1	2422	-20.29	≤8.00	PASS
		2437	-19.52	≤8.00	PASS
		2452	-20.25	≤8.00	PASS

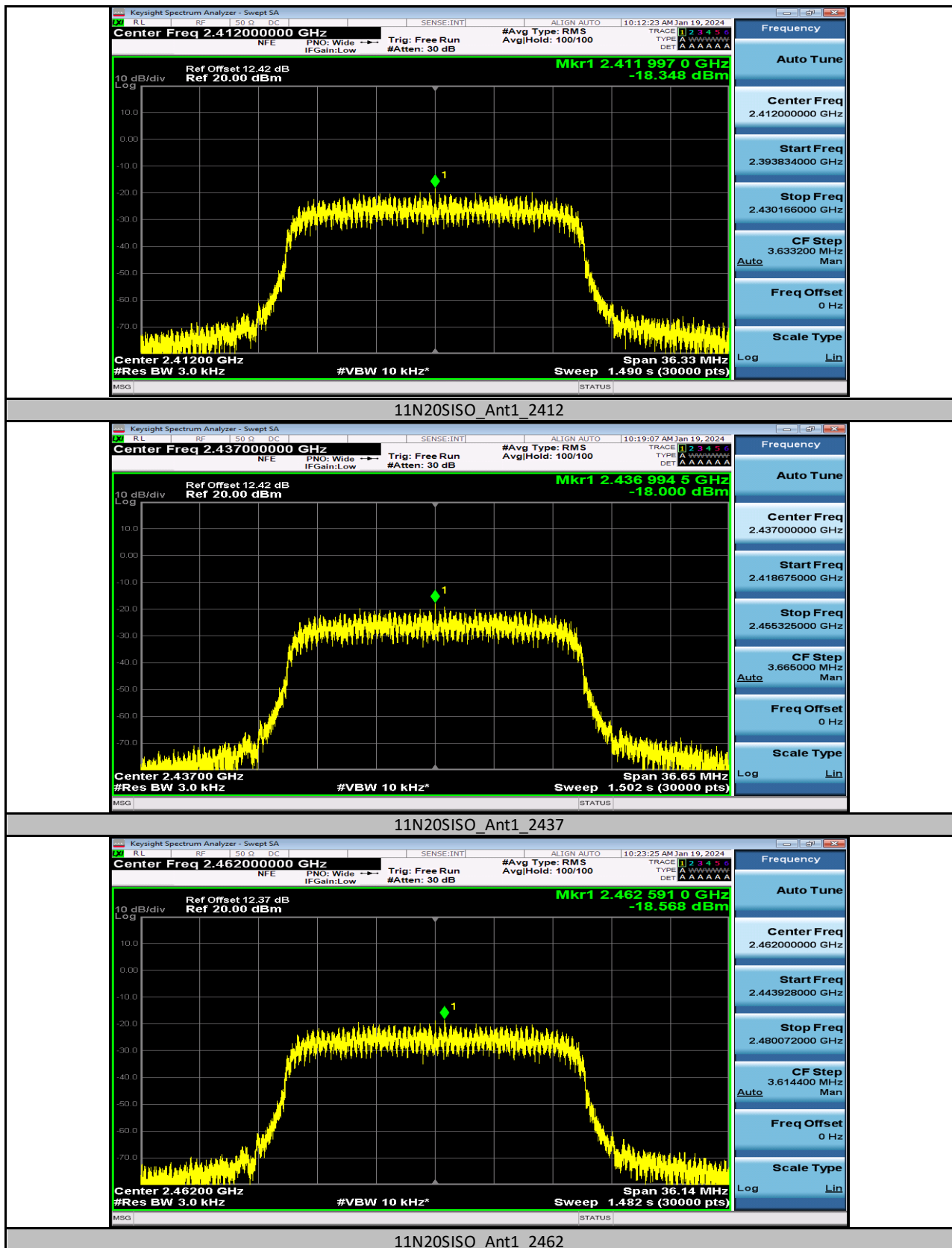
Test Plots



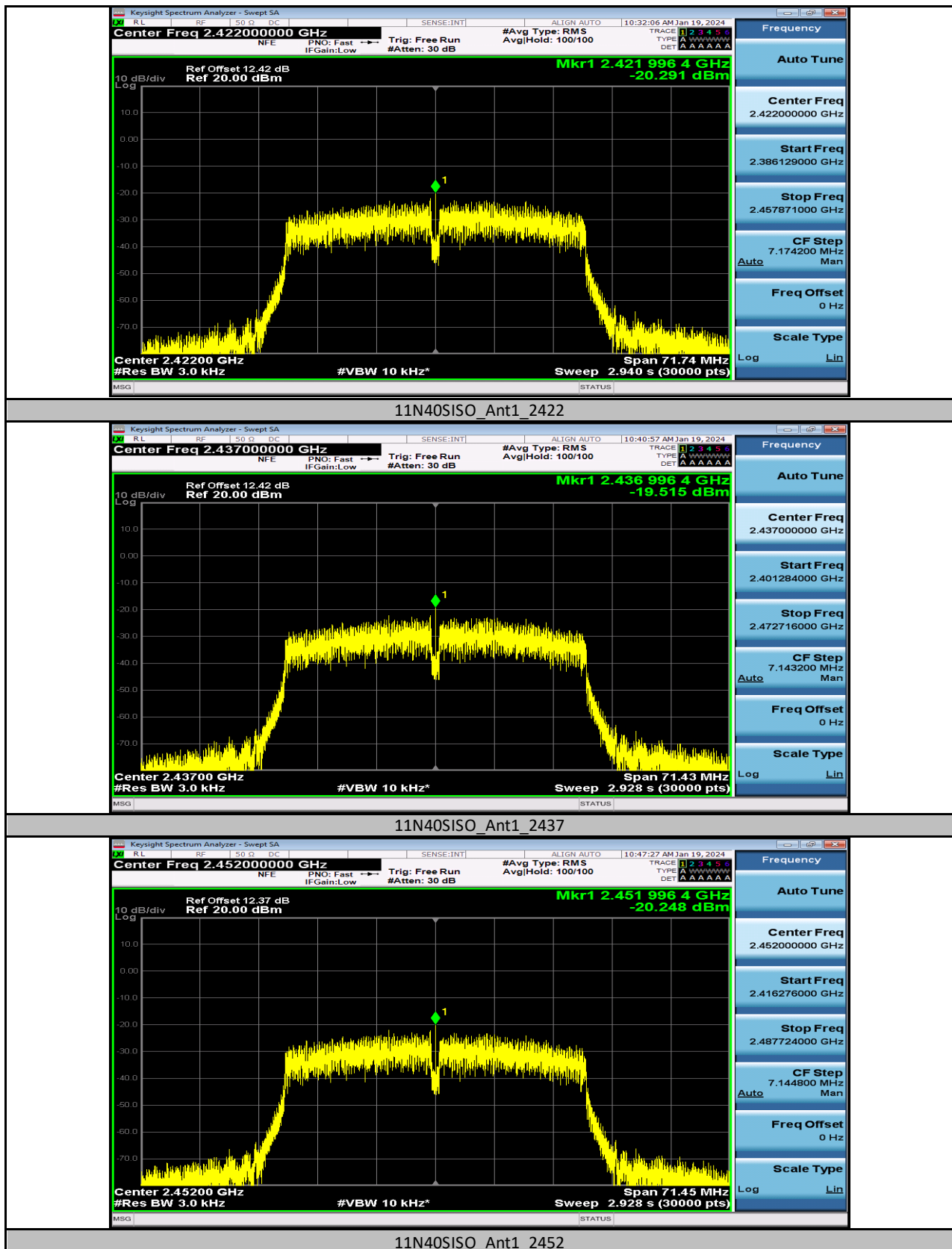
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Band edge measurements

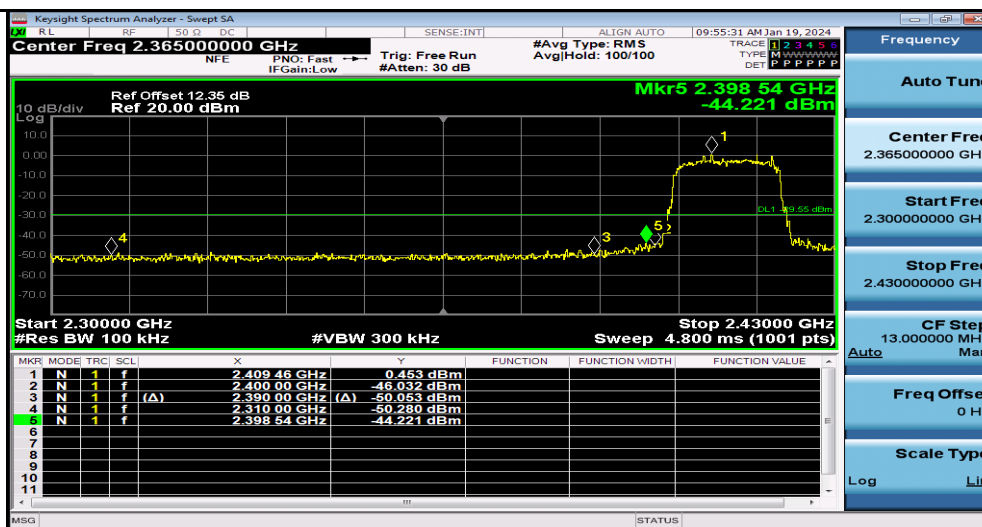
Test Data

TestMode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	Low	2412	3.94	-41.75	≤-26.06	PASS
		High	2462	4.41	-48.11	≤-25.59	PASS
11G	Ant1	Low	2412	0.45	-44.22	≤-29.55	PASS
		High	2462	1.49	-44.93	≤-28.51	PASS
11N20SISO	Ant1	Low	2412	2.47	-45.23	≤-27.53	PASS
		High	2462	0.44	-47.66	≤-29.56	PASS
11N40SISO	Ant1	Low	2422	-3.36	-45.13	≤-33.36	PASS
		High	2452	-3.32	-46.45	≤-33.32	PASS

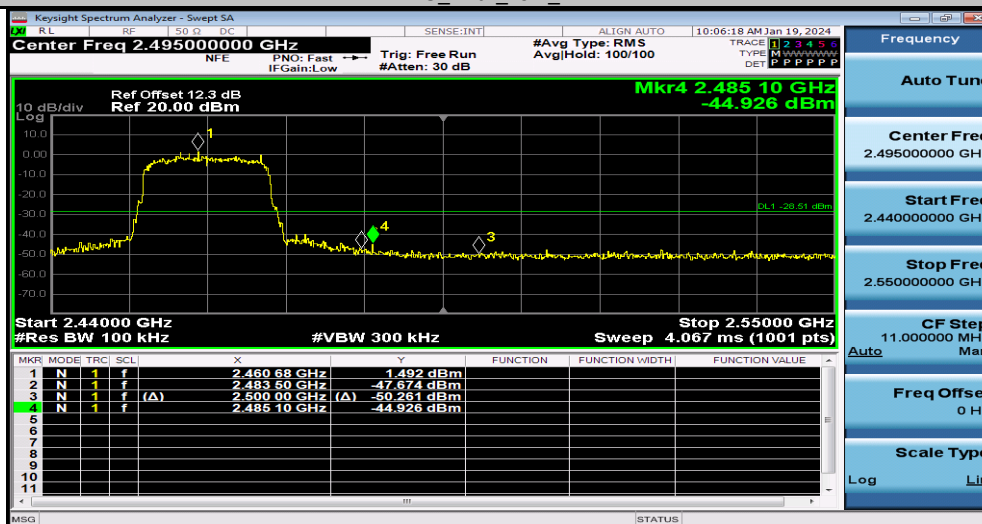
Test Plots



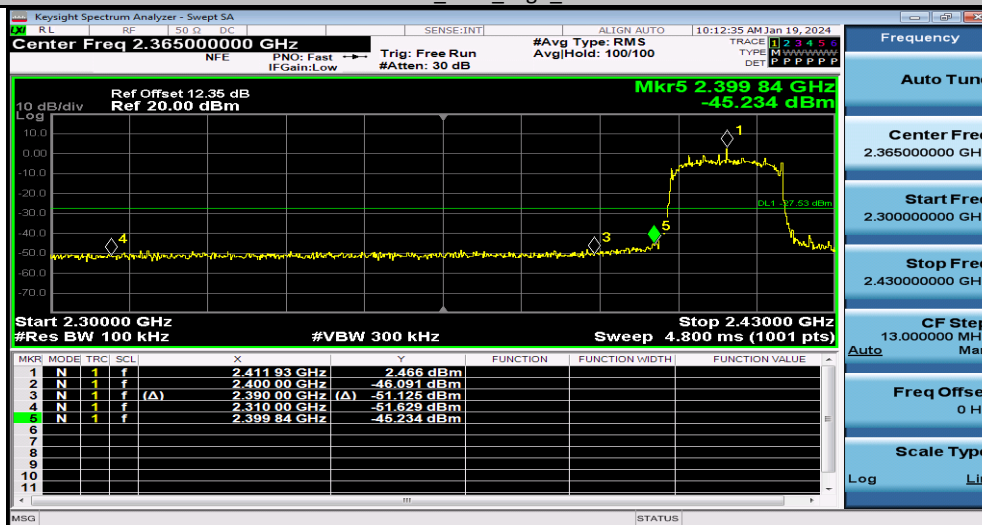
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11G Ant1 Low 2412

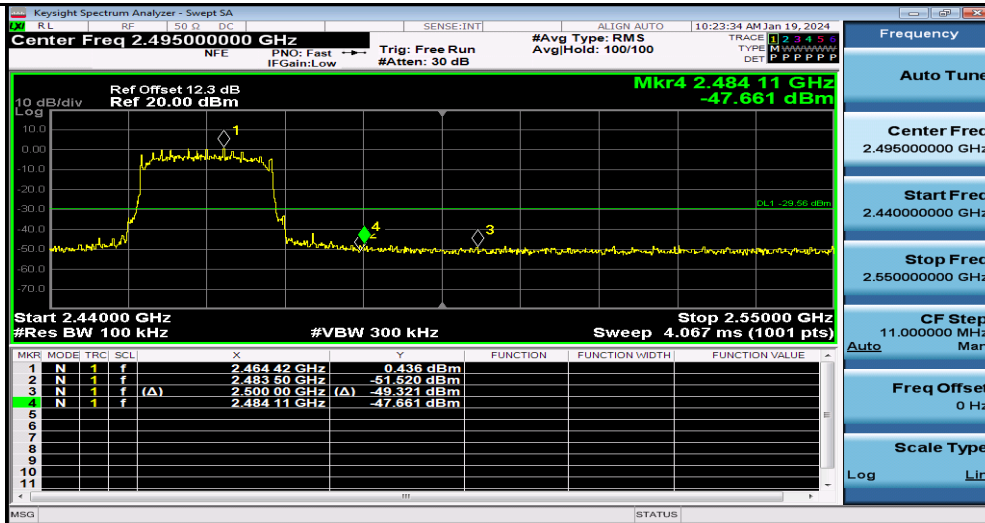


11G_Ant1_High_2462

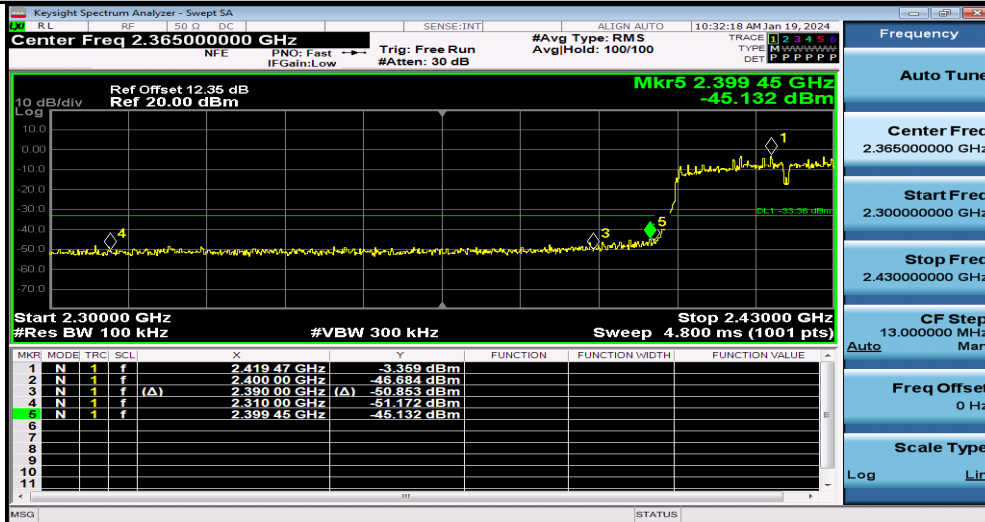


11N20SISO Ant1 Low 2412

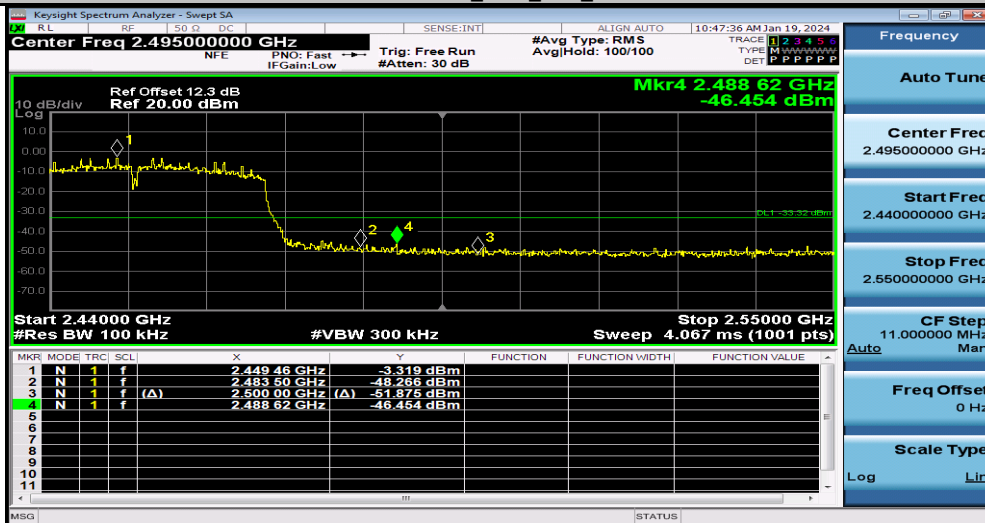
TEST REPORT



11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422



11N40SISO_Ant1_High_2452

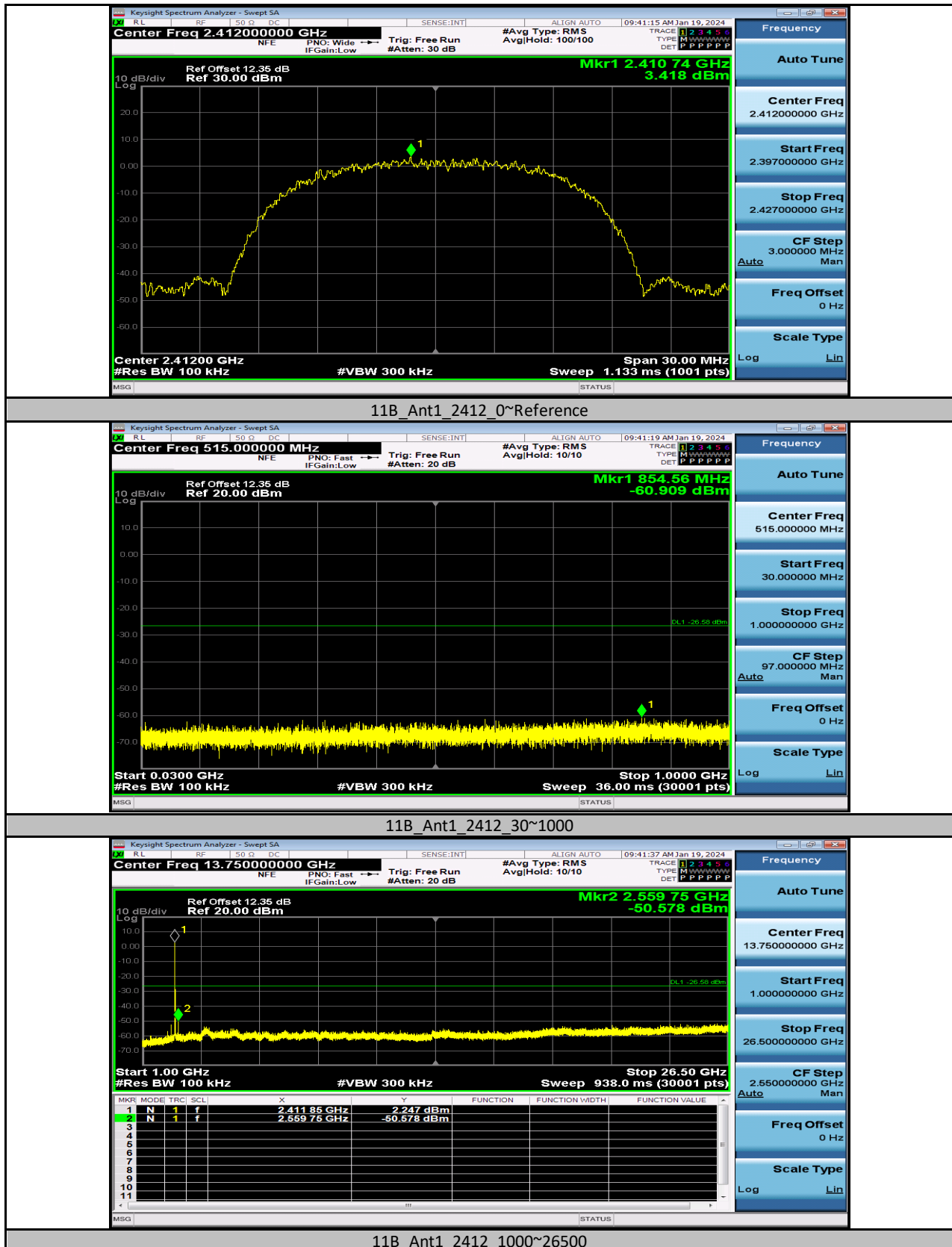
Conducted Spurious Emission

Test Data

TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	3.42	3.42	---	PASS
			30~1000	3.42	-60.91	≤-26.58	PASS
			1000~26500	3.42	-50.58	≤-26.58	PASS
		2437	Reference	4.84	4.84	---	PASS
			30~1000	4.84	-60.72	≤-25.16	PASS
			1000~26500	4.84	-50.28	≤-25.16	PASS
		2462	Reference	4.37	4.37	---	PASS
			30~1000	4.37	-60.21	≤-25.63	PASS
			1000~26500	4.37	-51.1	≤-25.63	PASS
11G	Ant1	2412	Reference	0.88	0.88	---	PASS
			30~1000	0.88	-60.94	≤-29.12	PASS
			1000~26500	0.88	-50.73	≤-29.12	PASS
		2437	Reference	1.33	1.33	---	PASS
			30~1000	1.33	-60.17	≤-28.67	PASS
			1000~26500	1.33	-52.01	≤-28.67	PASS
		2462	Reference	1.60	1.60	---	PASS
			30~1000	1.60	-60.43	≤-28.4	PASS
			1000~26500	1.60	-51.72	≤-28.4	PASS
11N20SISO	Ant1	2412	Reference	2.63	2.63	---	PASS
			30~1000	2.63	-60.1	≤-27.37	PASS
			1000~26500	2.63	-50.67	≤-27.37	PASS
		2437	Reference	1.29	1.29	---	PASS
			30~1000	1.29	-60.51	≤-28.71	PASS
			1000~26500	1.29	-51.98	≤-28.71	PASS
		2462	Reference	0.89	0.89	---	PASS
			30~1000	0.89	-60.46	≤-29.11	PASS
			1000~26500	0.89	-52.01	≤-29.11	PASS
11N40SISO	Ant1	2422	Reference	-4.12	-4.12	---	PASS
			30~1000	-4.12	-61.05	≤-34.12	PASS
			1000~26500	-4.12	-51.9	≤-34.12	PASS
		2437	Reference	-3.26	-3.26	---	PASS
			30~1000	-3.26	-60.79	≤-33.26	PASS
			1000~26500	-3.26	-51.2	≤-33.26	PASS
		2452	Reference	-3.19	-3.19	---	PASS
			30~1000	-3.19	-60.98	≤-33.19	PASS
			1000~26500	-3.19	-50.99	≤-33.19	PASS

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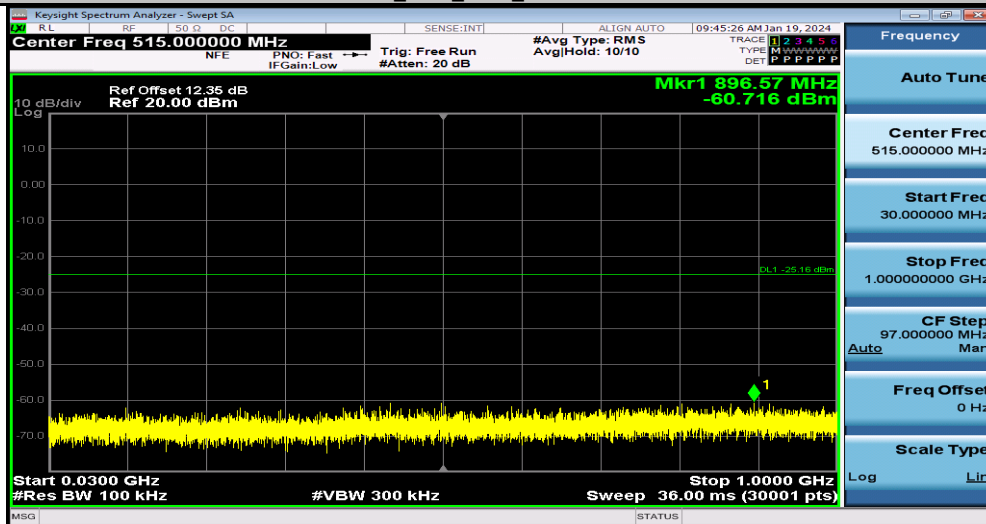
Test Plots



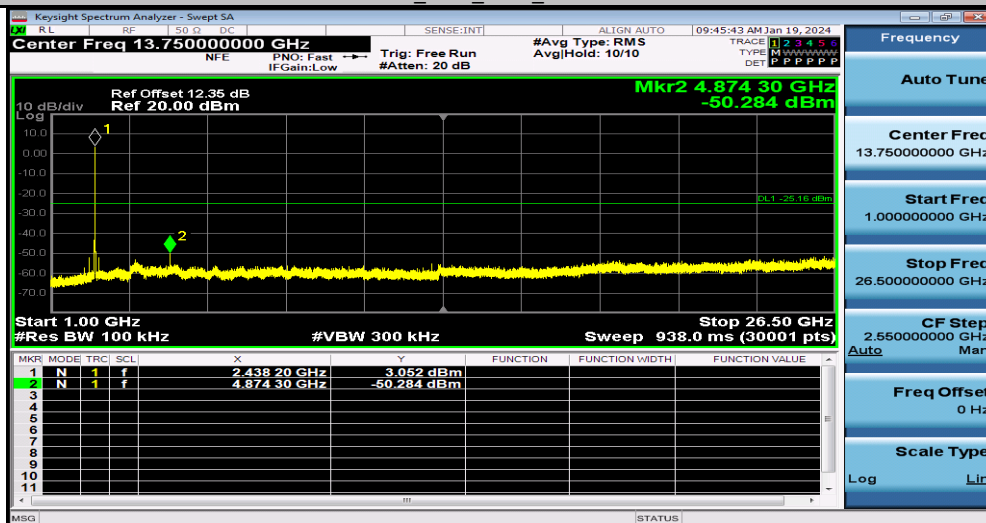
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11B_Ant1_2437_0~Reference

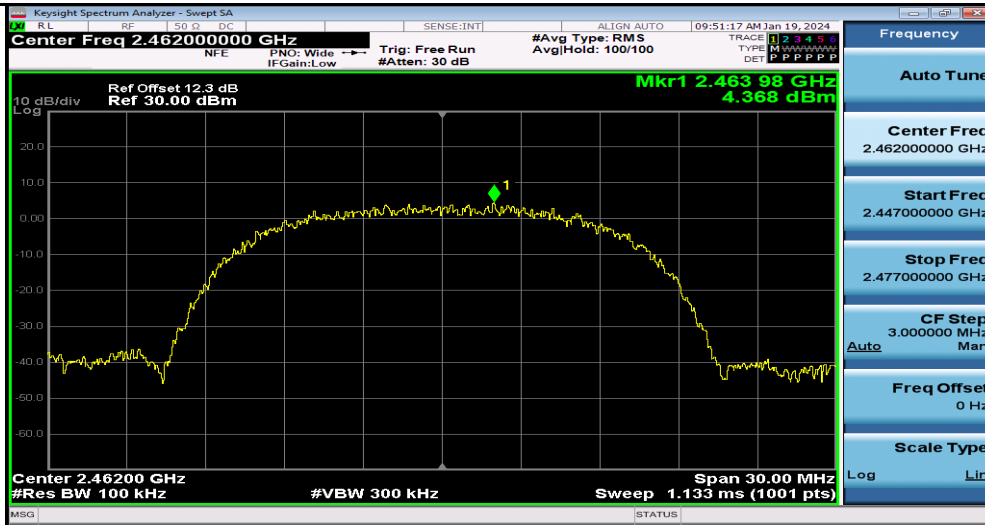


11B_Ant1_2437_30~1000

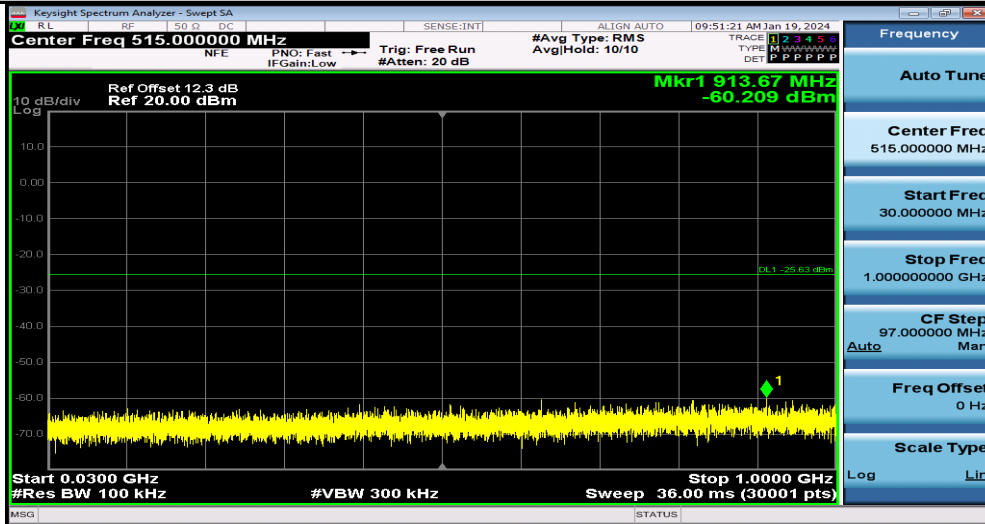


11B_Ant1_2437_1000~26500

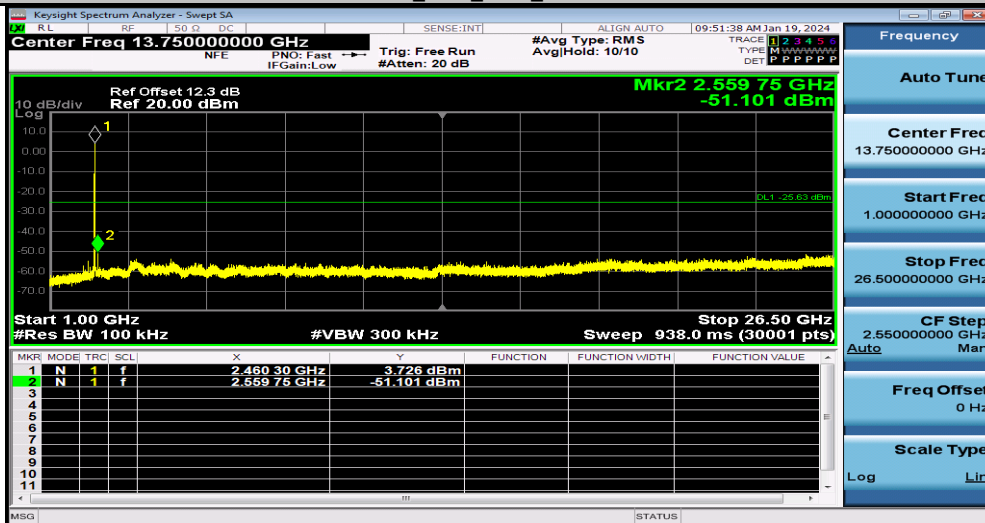
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11B_Ant1_2462_0~Reference

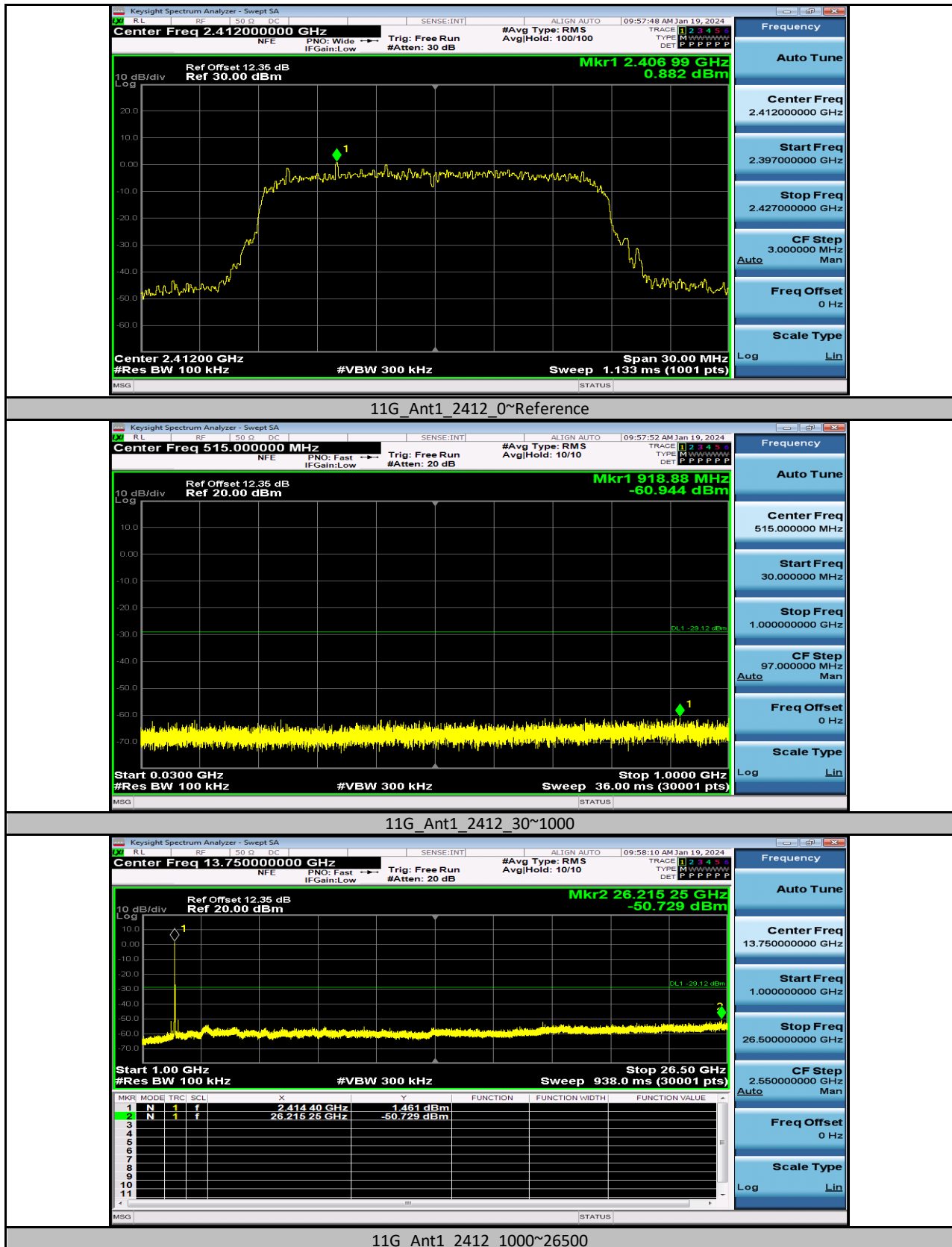


11B_Ant1_2462_30~1000

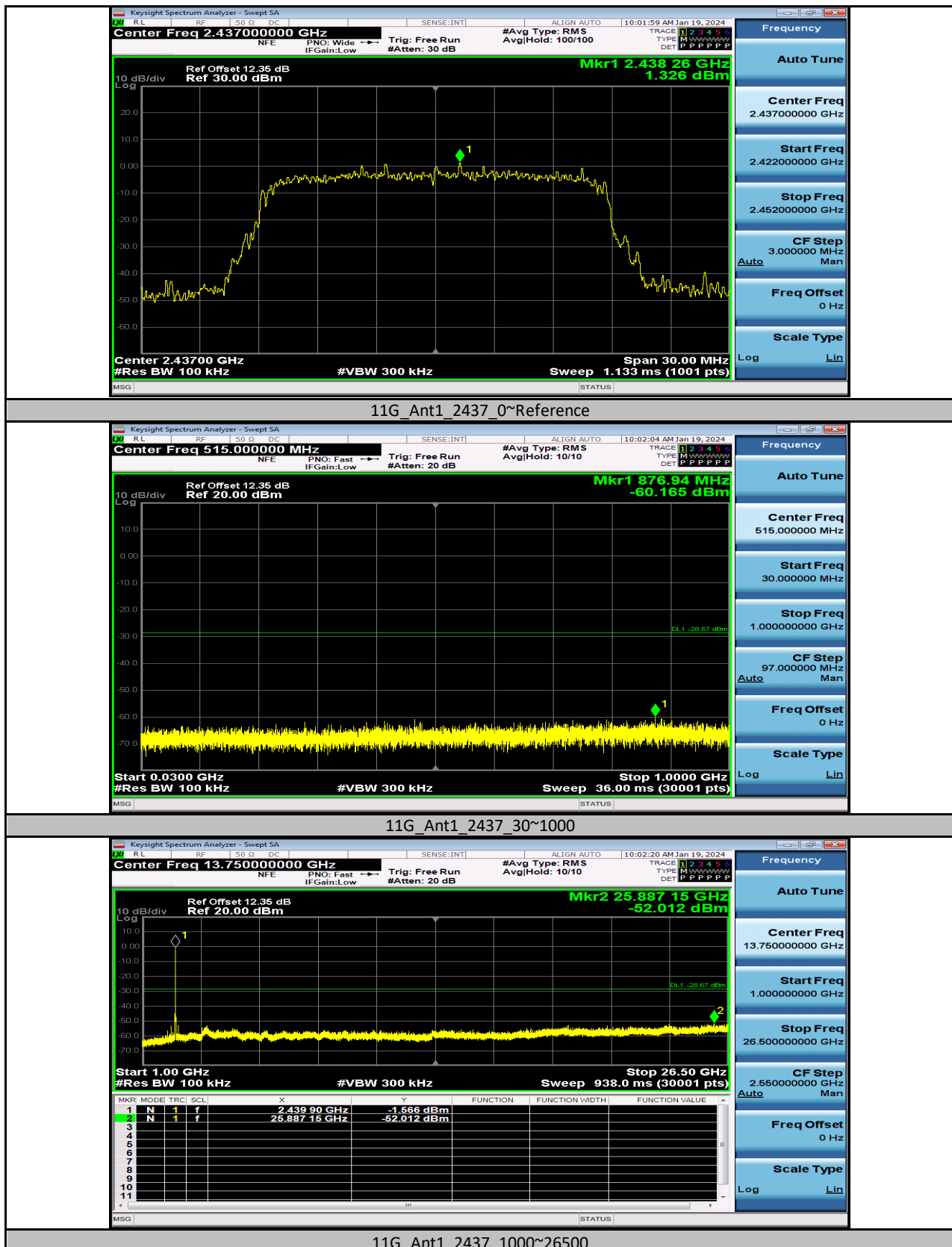


11B_Ant1_2462_1000~26500

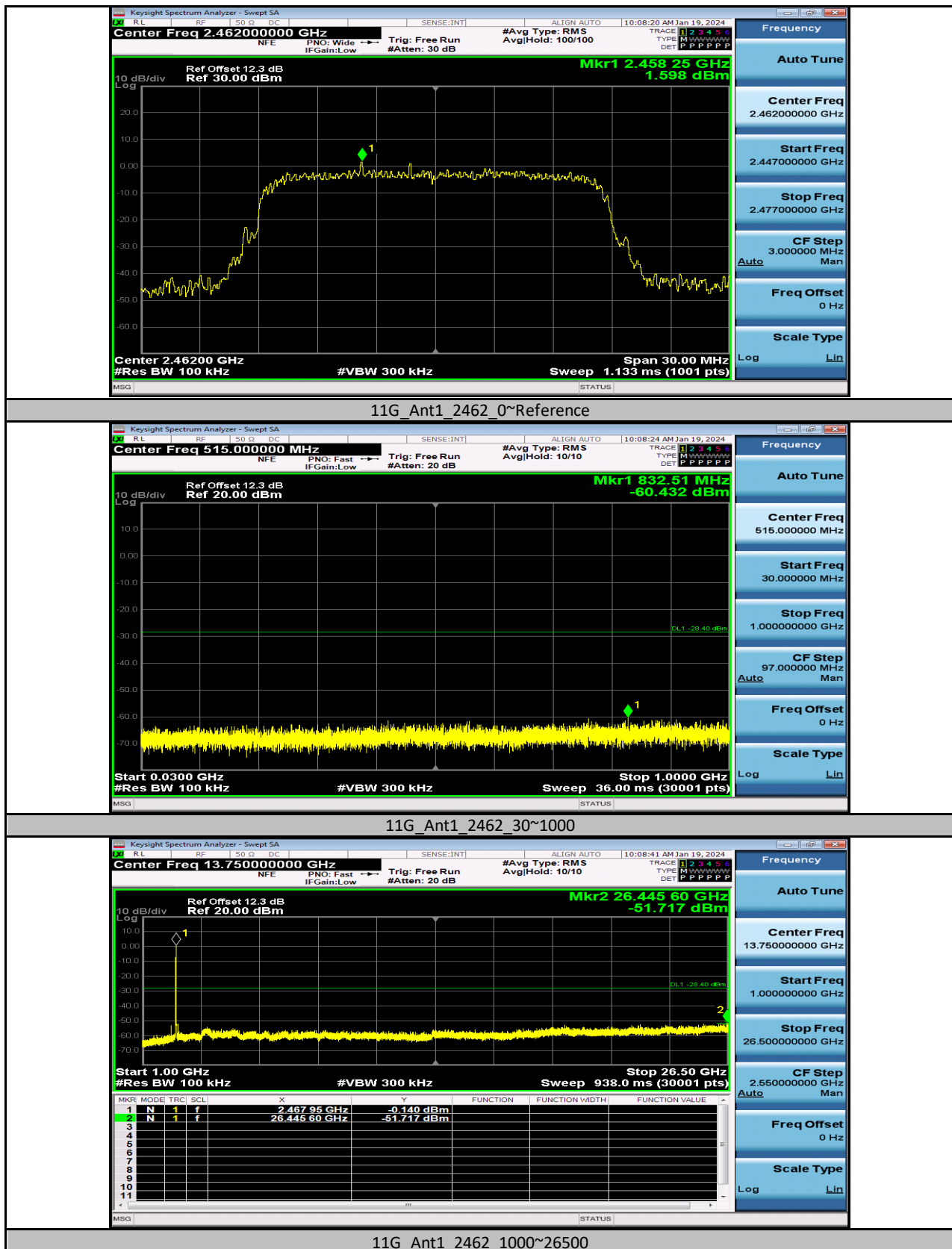
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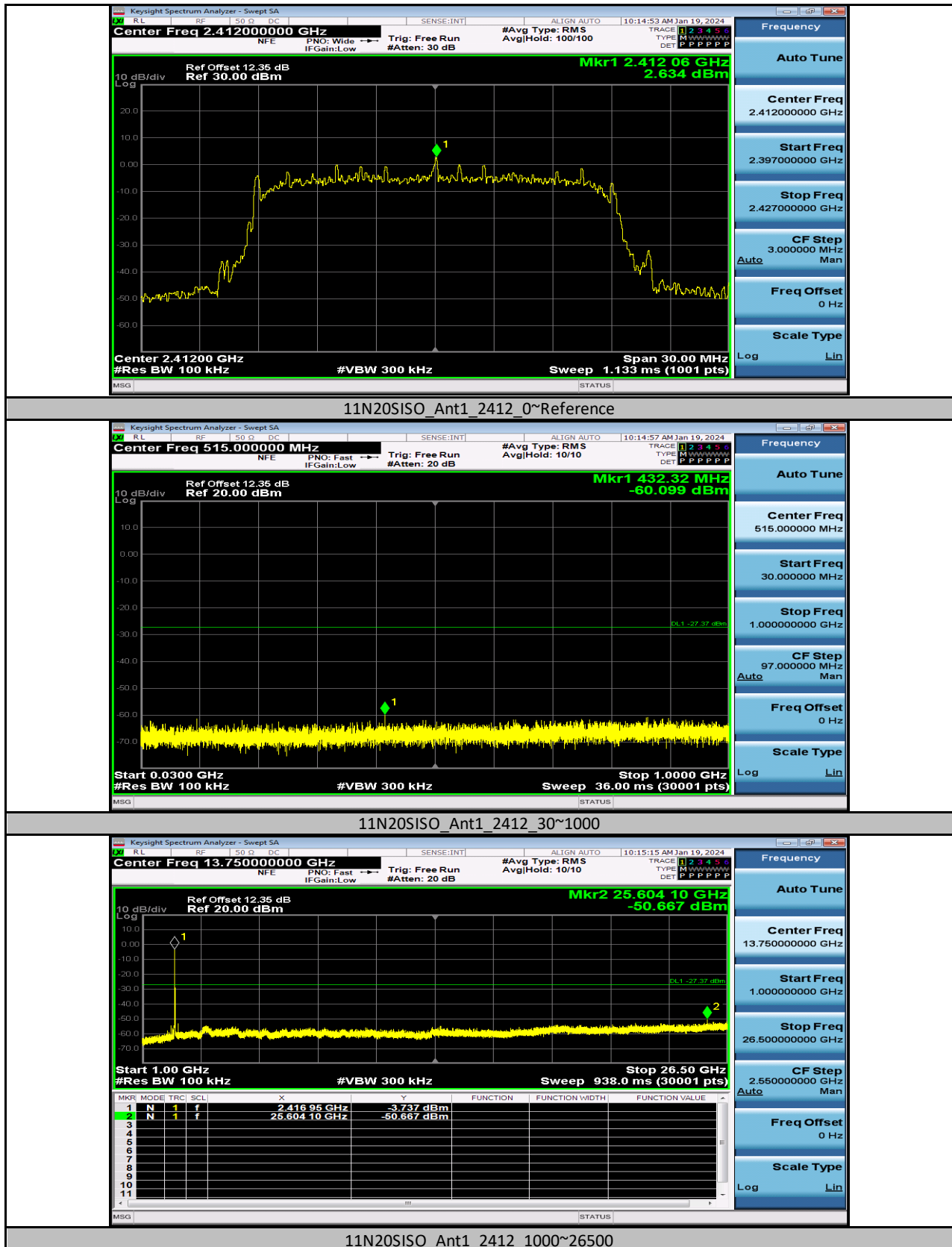
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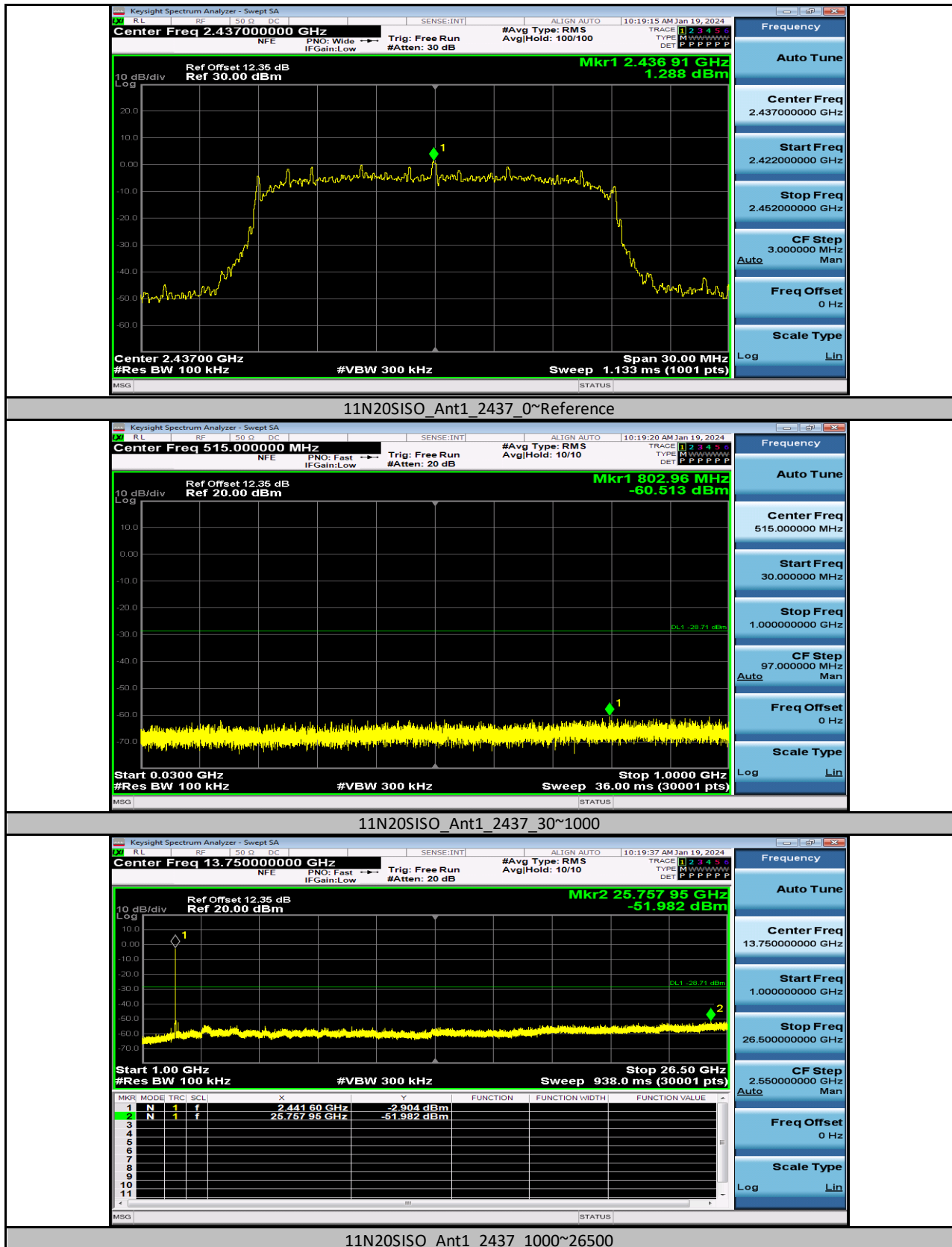
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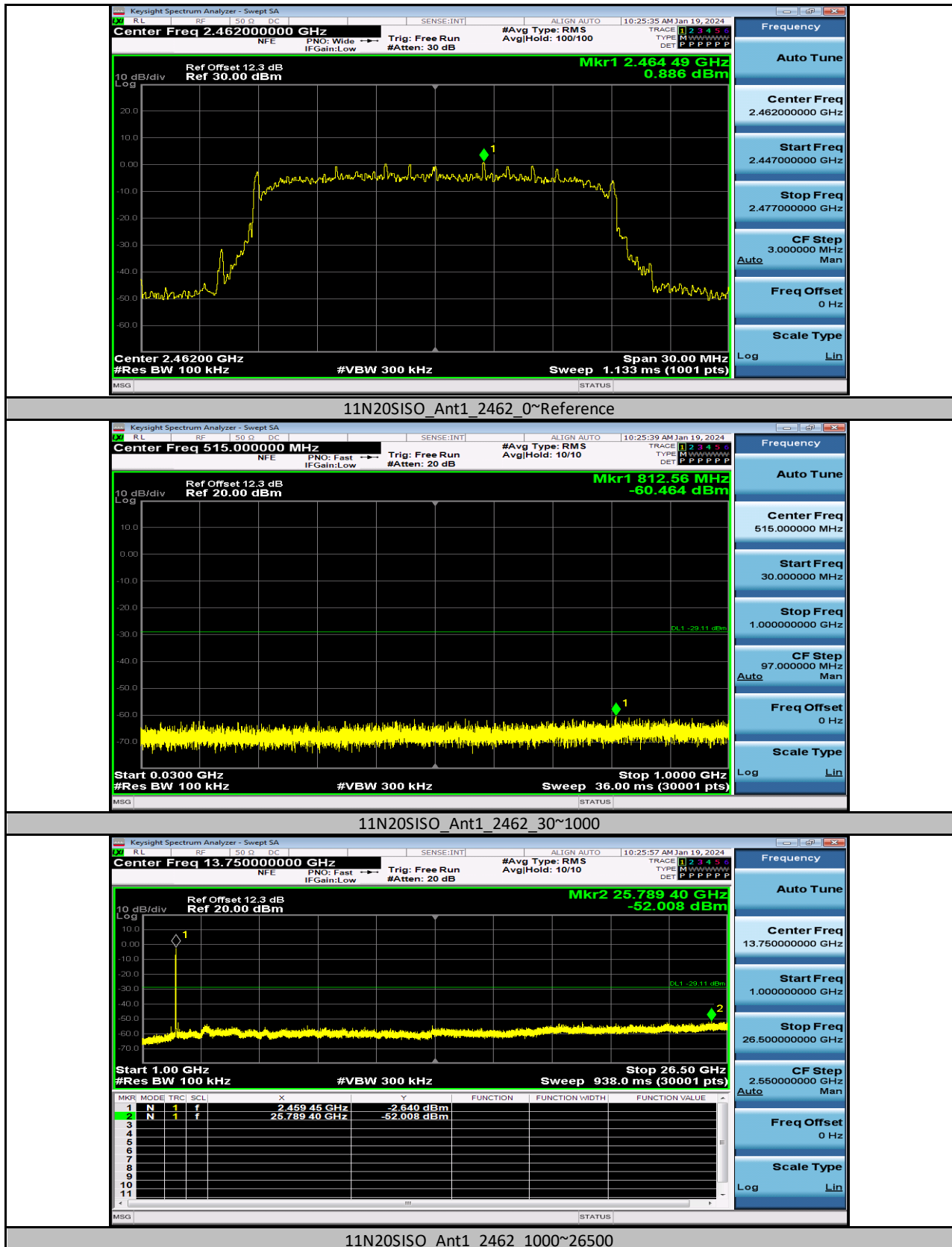
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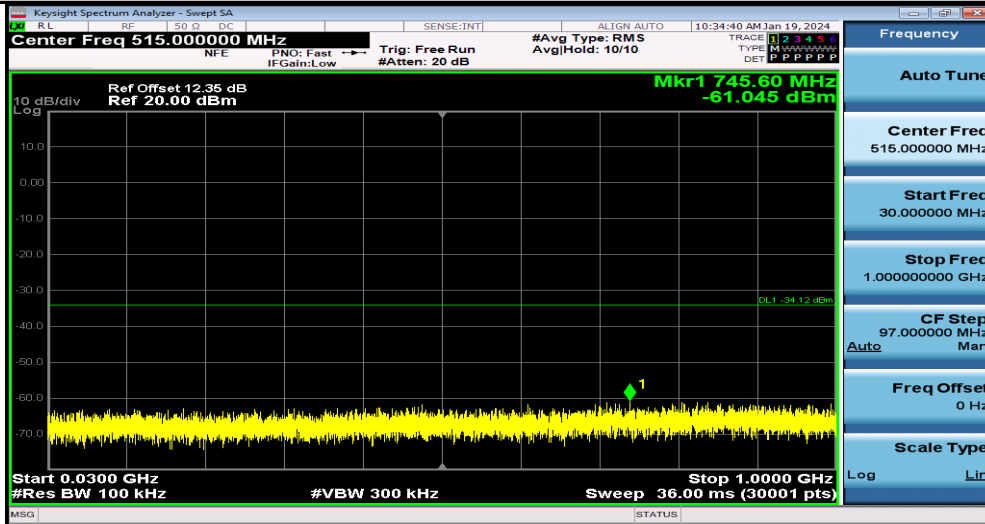
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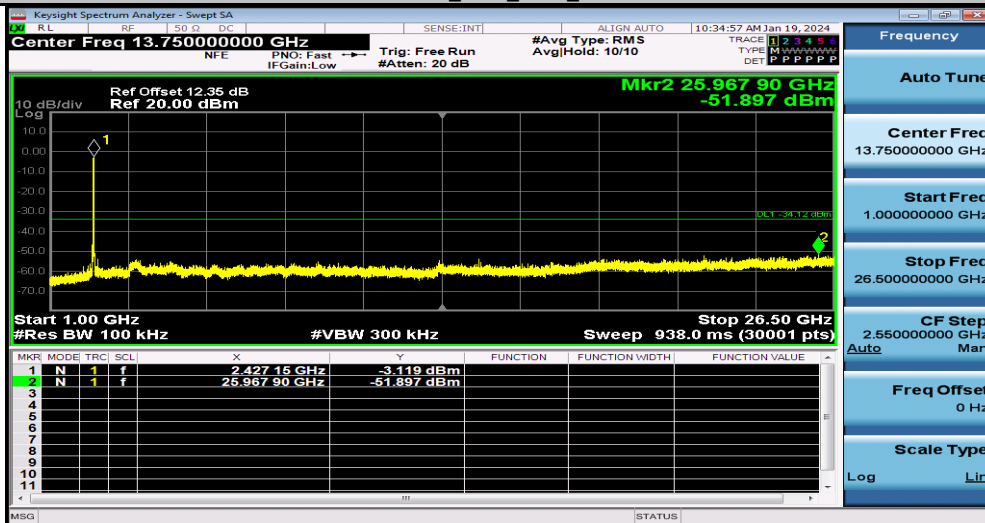
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11N40SISO_Ant1_2422_0~Reference

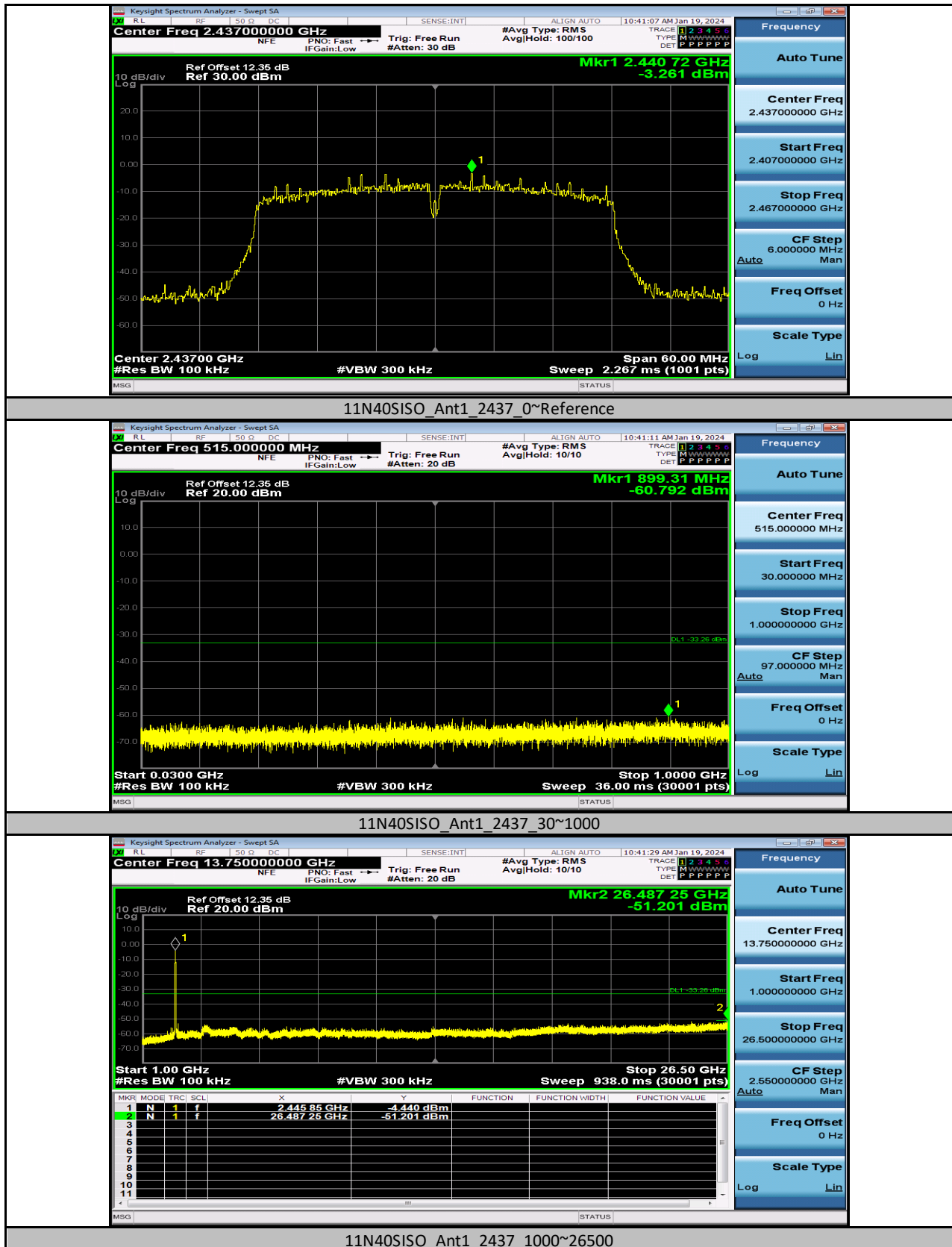


11N40SISO_Ant1_2422_30~1000



11N40SISO_Ant1_2422_1000~26500

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