



BUREAU
VERITAS

Reference No.: W7L-231218W001RF02



11AX20MIMO_Ant8_2437_26Tone_RU4



11AX20MIMO_Ant8_2437_52Tone_RU38



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Reference No.: W7L-231218W001RF02



11AX20MIMO_Ant8_2437_106Tone_RU53



11AX20MIMO_Ant6_2462_26Tone_RU8

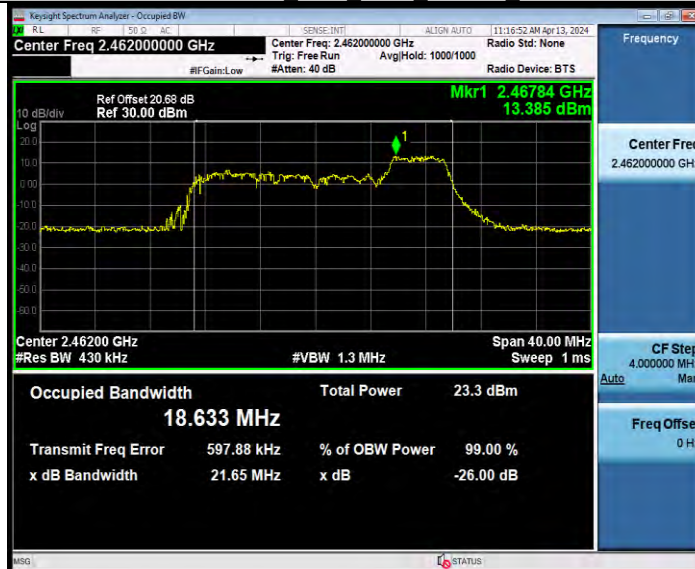


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Reference No.: W7L-231218W001RF02

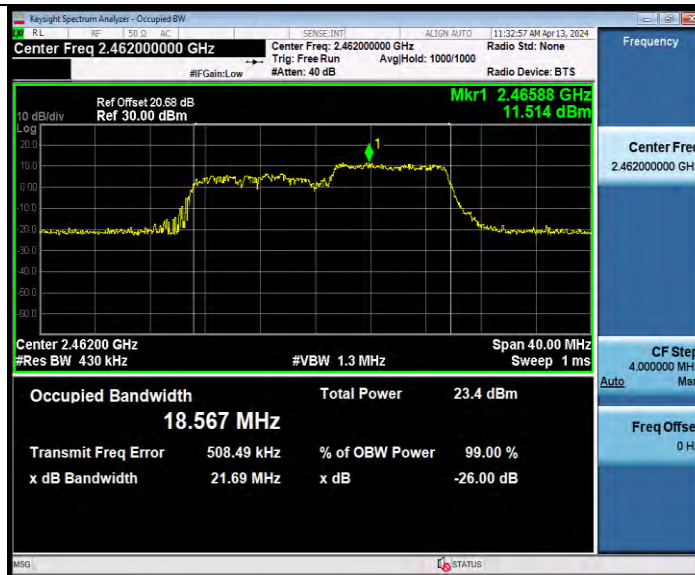


11AX20MIMO Ant6 2462 52Tone RU40

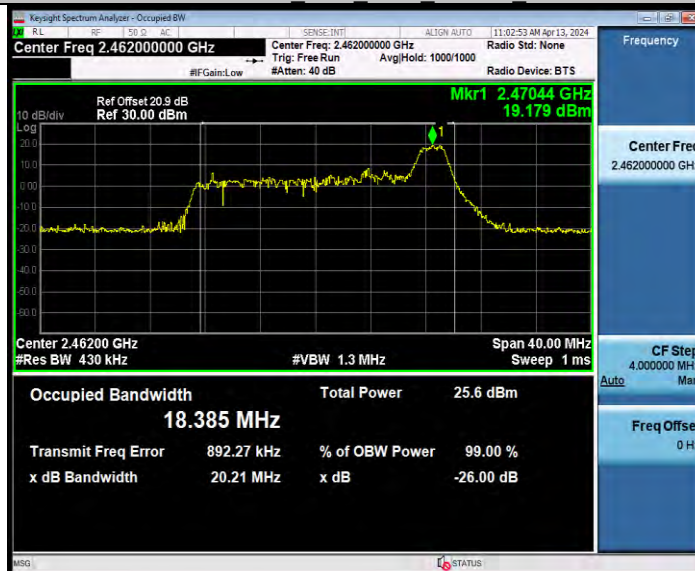


11AX20MIMO Ant6 2462 106Tone RU54

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11AX20MIMO_Ant8_2462_26Tone_RU8



11AX20MIMO_Ant8_2462_52Tone_RU40

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11AX20MIMO Ant8 2462 106Tone RU54



MAXIMUM CONDUCTED OUTPUT POWER TEST RESULT

Test Mode	TX Mod.	RU Config.	Freq. [MHz]	Ant.	Average power [dBm]	Peak power [dBm]	Peak power [mw]	Conducted Power Limit [dBm]	EIRP power [dBm]	EIRP power [mw]	EIRP Limit [dBm]	Verdict	Power Setting
11AX20	MIMO	26/0	2412	ANT6	12.76	24.23	264.85	≤30.00	25.47	352.37	≤36.00	PASS	14
				ANT8	15.48	24.71	295.80	≤30.00	25.95	393.55	≤36.00	PASS	14
				Total	17.34	27.49	560.65	≤30.00	28.73	745.92	≤36.00	PASS	14
		26/4	2437	ANT6	14.27	24.02	252.35	≤30.00	25.26	335.74	≤36.00	PASS	14
				ANT8	14.41	24.27	267.30	≤30.00	25.51	355.63	≤36.00	PASS	14
				Total	17.35	27.16	519.65	≤30.00	28.40	691.37	≤36.00	PASS	14
		26/8	2462	ANT6	12.99	24.73	297.17	≤30.00	25.97	395.37	≤36.00	PASS	14
				ANT8	15.57	24.91	309.74	≤30.00	26.15	412.10	≤36.00	PASS	14
				Total	17.48	27.83	606.91	≤30.00	29.07	807.46	≤36.00	PASS	14
	MIMO	52/37	2412	ANT6	12.60	24.72	296.48	≤30.00	25.96	394.46	≤36.00	PASS	14
				ANT8	15.08	25.07	321.37	≤30.00	26.31	427.56	≤36.00	PASS	14
				Total	17.02	27.91	617.85	≤30.00	29.15	822.02	≤36.00	PASS	14
		52/38	2437	ANT6	14.78	24.33	271.02	≤30.00	25.57	360.58	≤36.00	PASS	14
				ANT8	14.58	24.15	260.02	≤30.00	25.39	345.94	≤36.00	PASS	14
				Total	17.69	27.25	531.04	≤30.00	28.49	706.52	≤36.00	PASS	14
		52/40	2462	ANT6	13.00	24.71	295.80	≤30.00	25.95	393.55	≤36.00	PASS	14
				ANT8	15.38	24.91	309.74	≤30.00	26.15	412.10	≤36.00	PASS	14
				Total	17.36	27.82	605.54	≤30.00	29.06	805.65	≤36.00	PASS	14
	MIMO	106/53	2412	ANT6	12.94	23.21	209.41	≤30.00	24.45	278.61	≤36.00	PASS	14
				ANT8	14.58	23.65	231.74	≤30.00	24.89	308.32	≤36.00	PASS	14
				Total	16.85	26.45	441.15	≤30.00	27.69	586.93	≤36.00	PASS	14
		106/53	2437	ANT6	15.12	24.12	258.23	≤30.00	25.36	343.56	≤36.00	PASS	14
				ANT8	14.11	23.83	241.55	≤30.00	25.07	321.37	≤36.00	PASS	14
				Total	17.65	26.99	499.77	≤30.00	28.23	664.92	≤36.00	PASS	14



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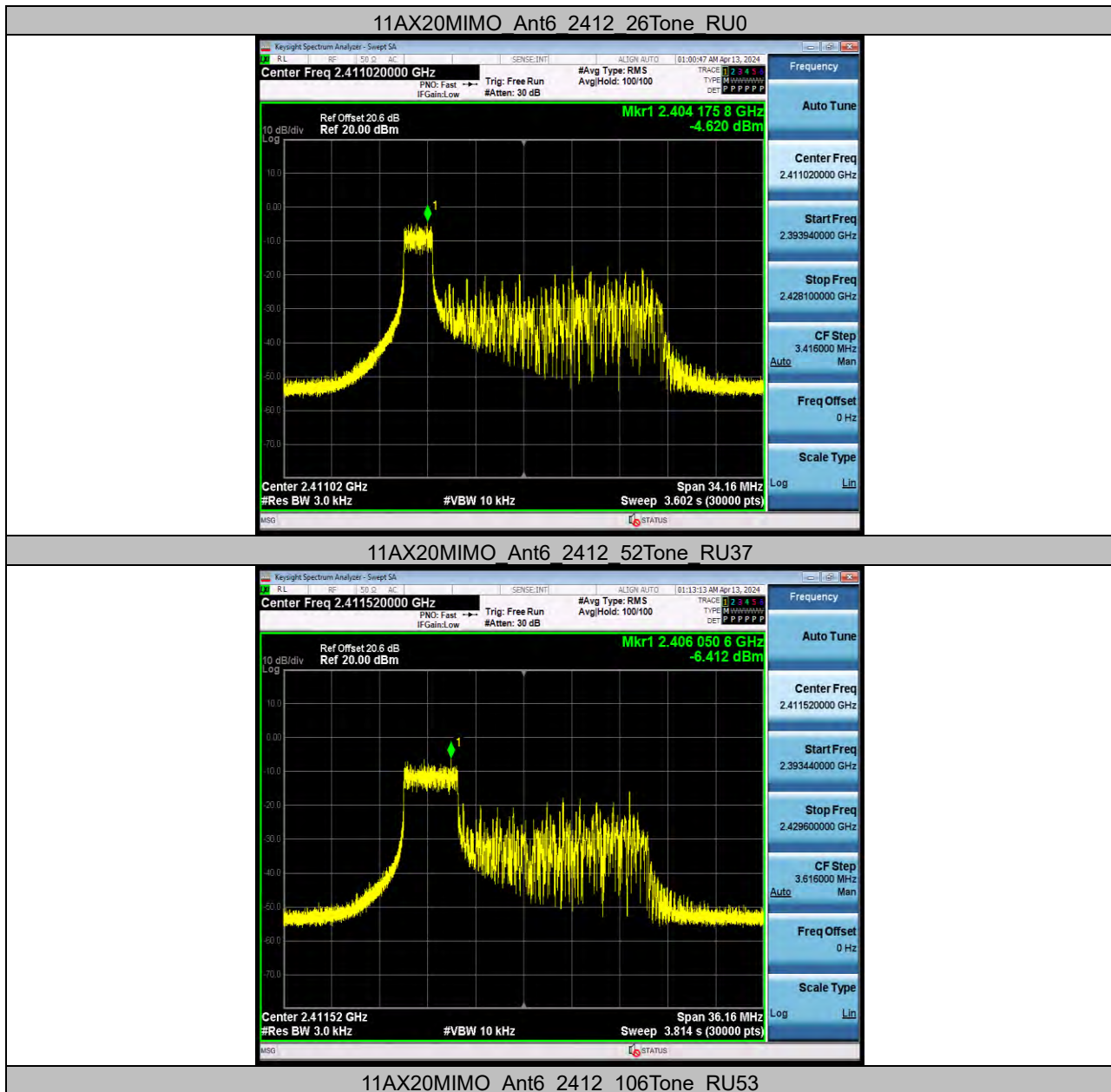
		106/54	2462	ANT6	13.65	23.62	230.14	≤30.00	24.86	306.20	≤36.00	PASS	14
				ANT8	15.25	24.12	258.23	≤30.00	25.36	343.56	≤36.00	PASS	14
				Total	17.53	26.89	488.37	≤30.00	28.13	649.75	≤36.00	PASS	14
	MIMO	FULL	2412	ANT6	16.29	23.87	243.78	≤30.00	25.11	324.34	≤36.00	PASS	14
				ANT8	15.78	23.11	204.64	≤30.00	24.35	272.27	≤36.00	PASS	14
				Total	19.05	26.52	448.43	≤30.00	27.76	596.61	≤36.00	PASS	14
		FULL	2437	ANT6	16.31	24.05	254.10	≤30.00	25.29	338.06	≤36.00	PASS	14
				ANT8	15.87	23.07	202.77	≤30.00	24.31	269.77	≤36.00	PASS	14
				Total	19.11	26.60	456.87	≤30.00	27.84	607.84	≤36.00	PASS	14
		FULL	2462	ANT6	16.05	23.11	204.64	≤30.00	24.35	272.27	≤36.00	PASS	14
				ANT8	15.91	23.03	200.91	≤30.00	24.27	267.30	≤36.00	PASS	14
				Total	18.99	26.08	405.55	≤30.00	27.32	539.57	≤36.00	PASS	14
11AX40	MIMO	26/0	2422	ANT6	14.29	21.01	126.18	≤30.00	22.25	167.88	≤36.00	PASS	14
				ANT8	13.65	20.55	113.50	≤30.00	21.79	151.01	≤36.00	PASS	14
				Total	16.992	23.8	239.68	≤30.00	25.04	318.89	≤36.00	PASS	14
		26/4	2437	ANT6	14.28	21.03	126.77	≤30.00	22.27	168.66	≤36.00	PASS	14
				ANT8	13.89	20.51	112.46	≤30.00	21.75	149.62	≤36.00	PASS	14
				Total	17.1	23.79	239.23	≤30.00	25.03	318.28	≤36.00	PASS	14
		26/8	2452	ANT6	11.74	18.95	78.52	≤30.00	20.19	104.47	≤36.00	PASS	10
				ANT8	10.21	18.11	64.71	≤30.00	19.35	86.10	≤36.00	PASS	10
				Total	14.052	21.56	143.24	≤30.00	22.80	190.57	≤36.00	PASS	10

Note: The Average power with duty cycle factor.

MAXIMUM POWER SPECTRAL DENSITY TEST RESULT

TestMode	Antenna	Frequency[MHz]	RuSize	RuIndex	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
11AX20MIMO	Ant6	2412	26Tone	RU0	-4.62	≤8.00	PASS
			52Tone	RU37	-6.41	≤8.00	PASS
			106Tone	RU53	-8.69	≤8.00	PASS
	Ant8	2412	26Tone	RU0	-0.97	≤8.00	PASS
			52Tone	RU37	-3.66	≤8.00	PASS
			106Tone	RU53	-5.25	≤8.00	PASS
	total	2412	26Tone	RU0	0.59	≤8.00	PASS
			52Tone	RU37	-1.81	≤8.00	PASS
			106Tone	RU53	-3.63	≤8.00	PASS
	Ant6	2437	26Tone	RU4	-3.28	≤8.00	PASS
			52Tone	RU38	-4.19	≤8.00	PASS
			106Tone	RU53	-5.78	≤8.00	PASS
	Ant8	2437	26Tone	RU4	-2.40	≤8.00	PASS
			52Tone	RU38	-3.61	≤8.00	PASS
			106Tone	RU53	-6.30	≤8.00	PASS
	total	2437	26Tone	RU4	0.19	≤8.00	PASS
			52Tone	RU38	-0.88	≤8.00	PASS
			106Tone	RU53	-3.02	≤8.00	PASS
	Ant6	2462	26Tone	RU8	-4.14	≤8.00	PASS
			52Tone	RU40	-5.74	≤8.00	PASS
			106Tone	RU54	-7.45	≤8.00	PASS
	Ant8	2462	26Tone	RU8	-0.98	≤8.00	PASS
			52Tone	RU40	-3.28	≤8.00	PASS
			106Tone	RU54	-5.83	≤8.00	PASS
	total	2462	26Tone	RU8	0.73	≤8.00	PASS
			52Tone	RU40	-1.33	≤8.00	PASS
			106Tone	RU54	-3.55	≤8.00	PASS

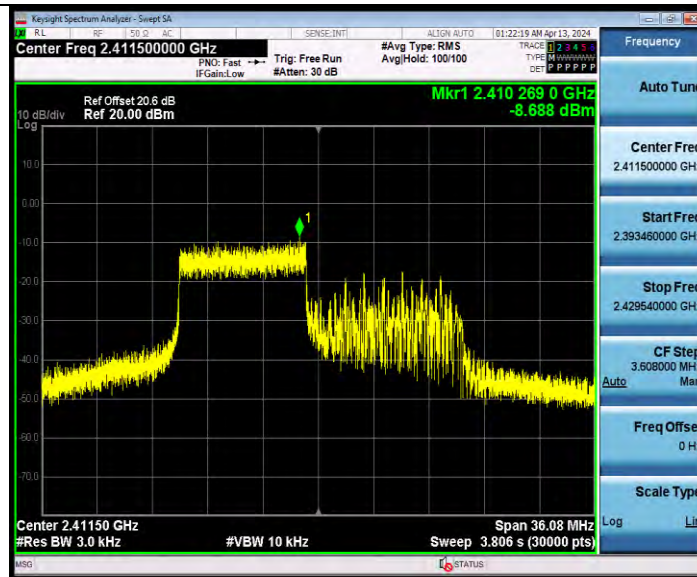
TEST GRAPHS





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Reference No.: W7L-231218W001RF02



11AX20MIMO_Ant8_2412_26Tone_RU0

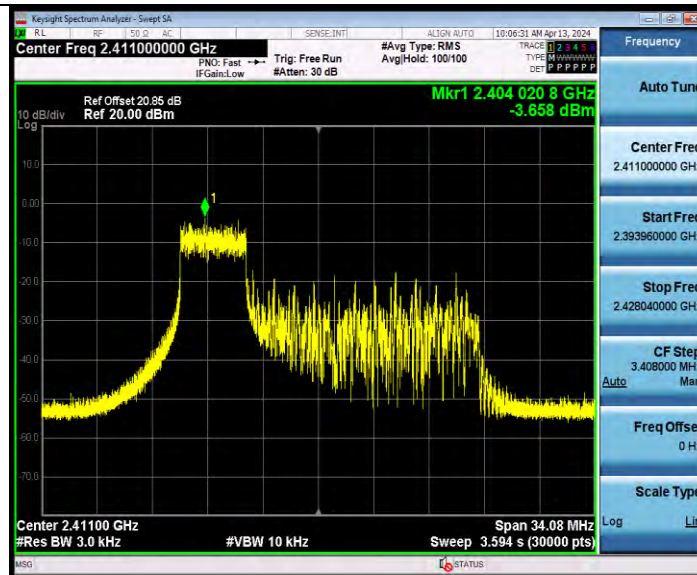


11AX20MIMO_Ant8_2412_52Tone_RU37

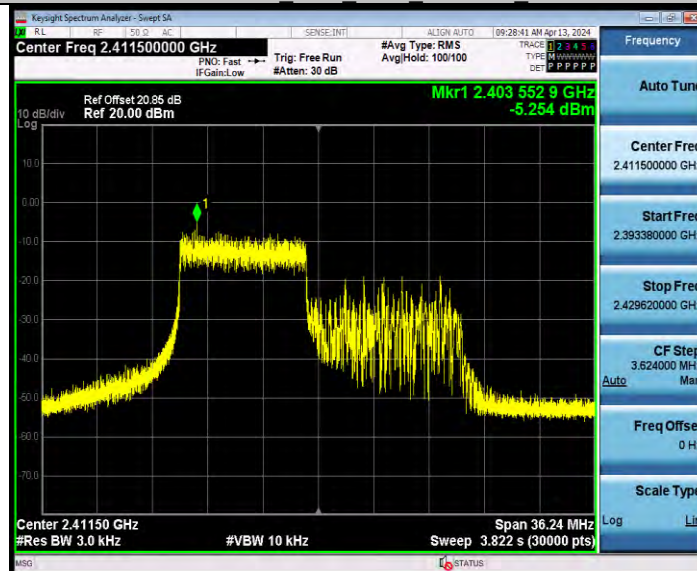


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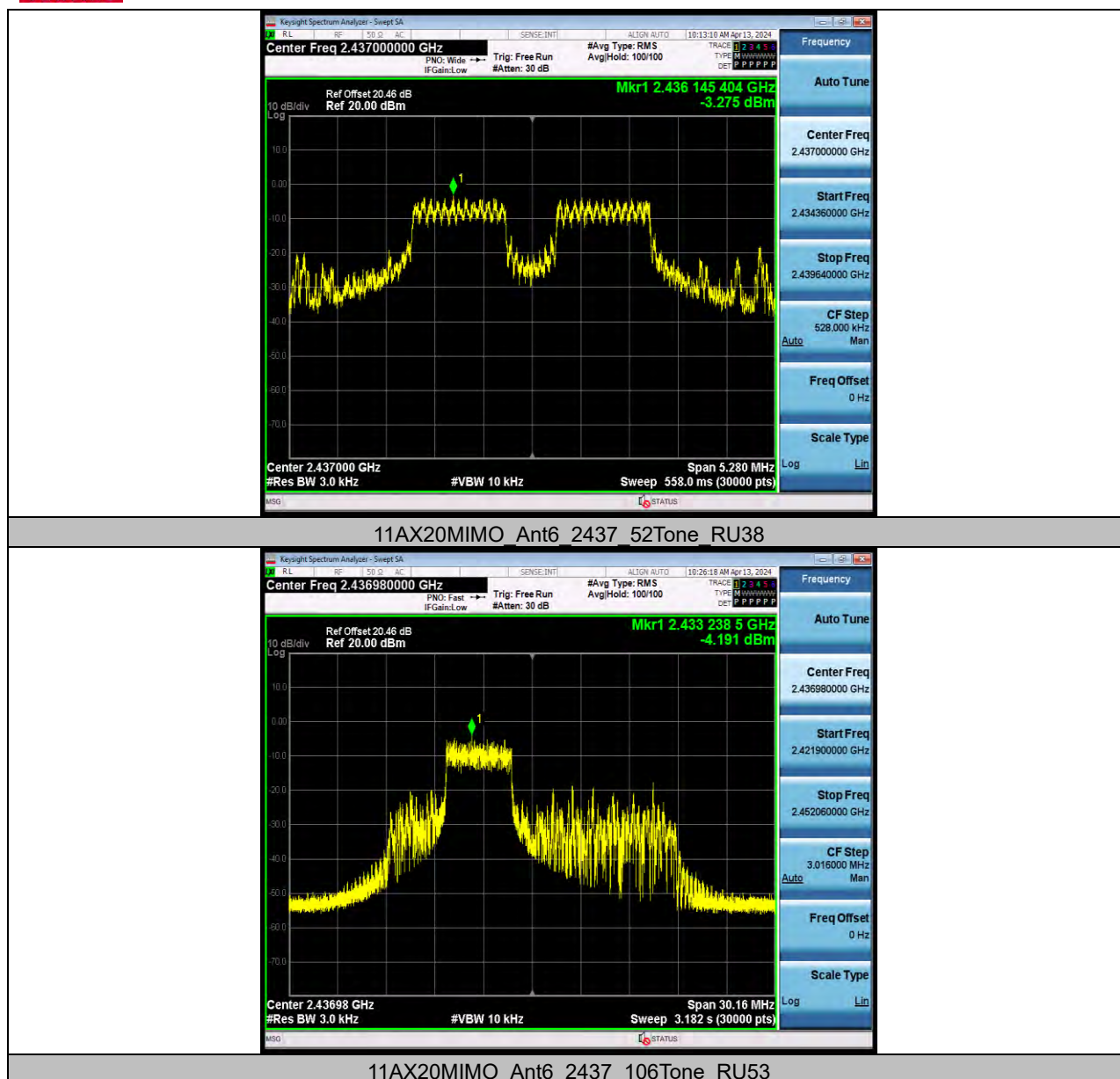
Reference No.: W7L-231218W001RF02



11AX20MIMO_Ant8_2412_106Tone_RU53



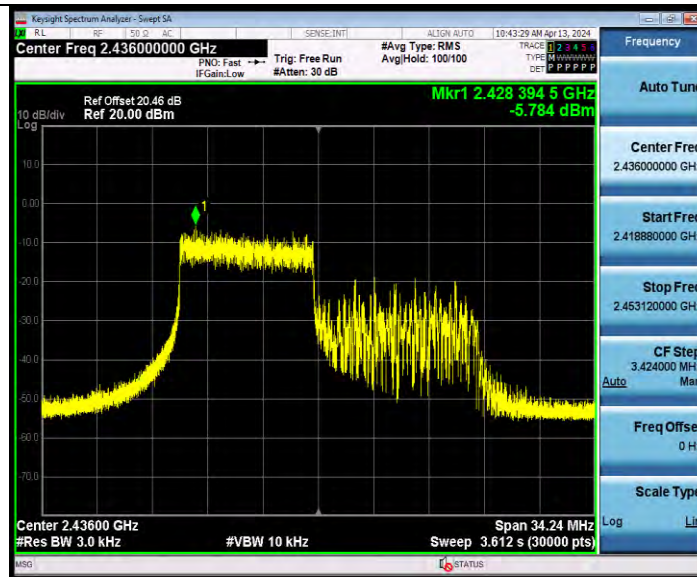
11AX20MIMO_Ant6_2437_26Tone_RU4



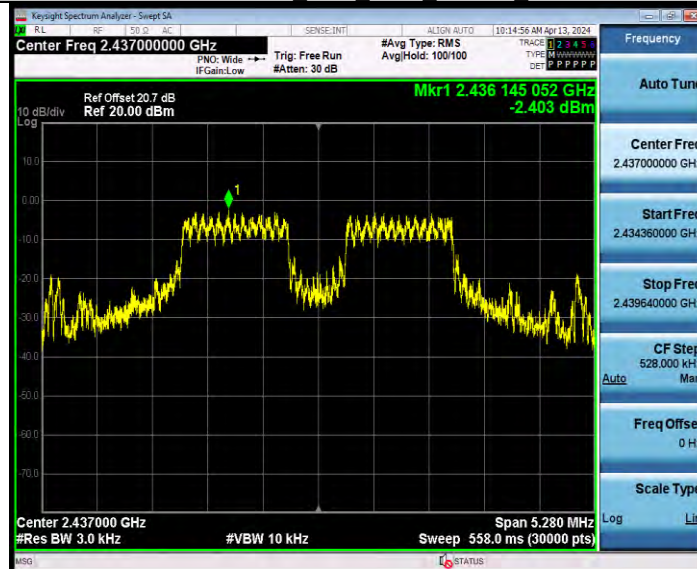


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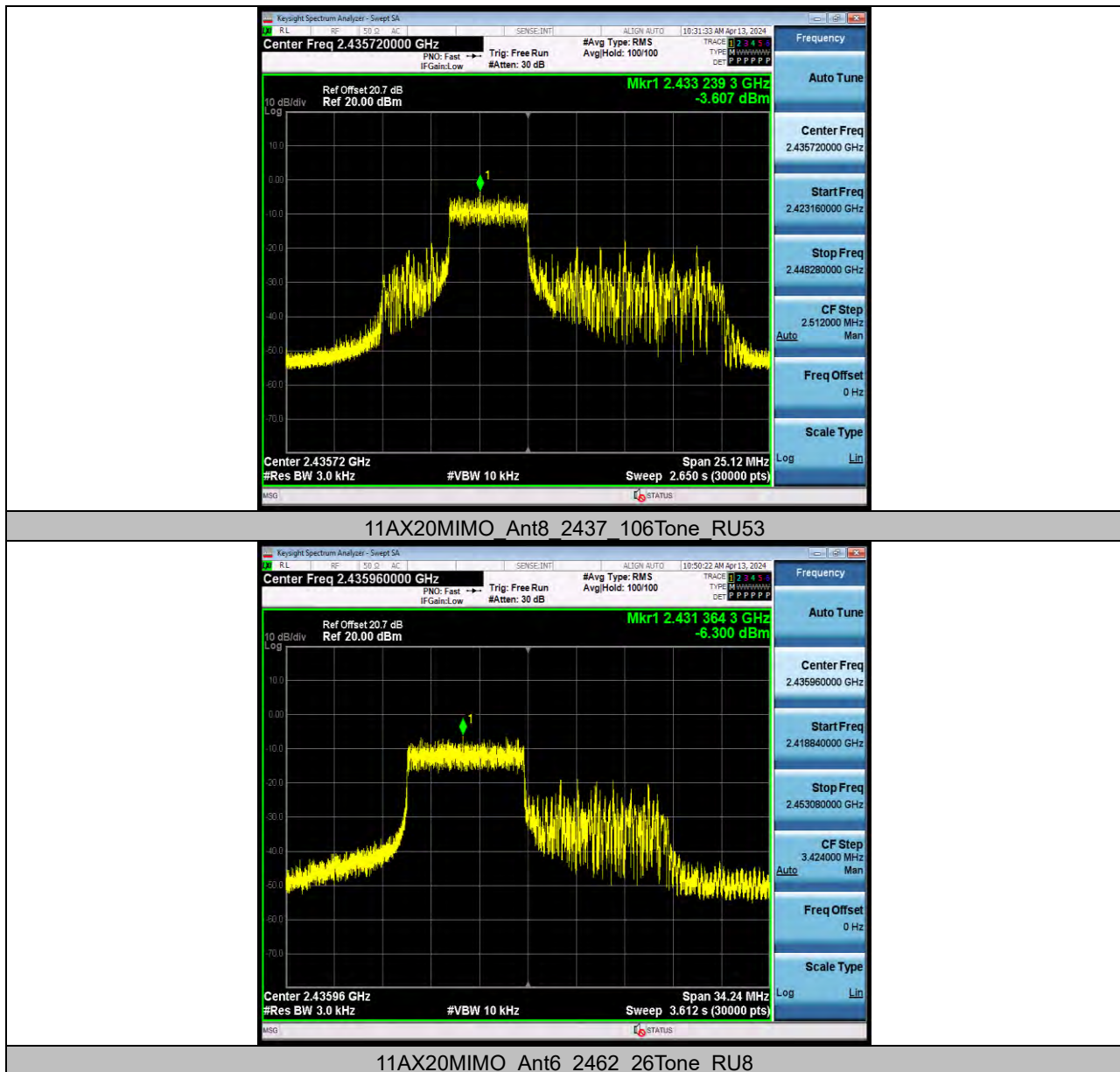
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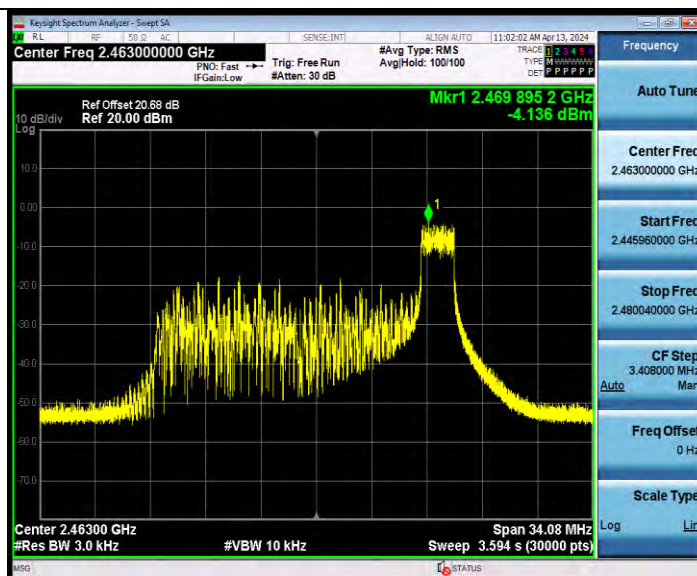


11AX20MIMO_Ant8_2437_26Tone_RU4

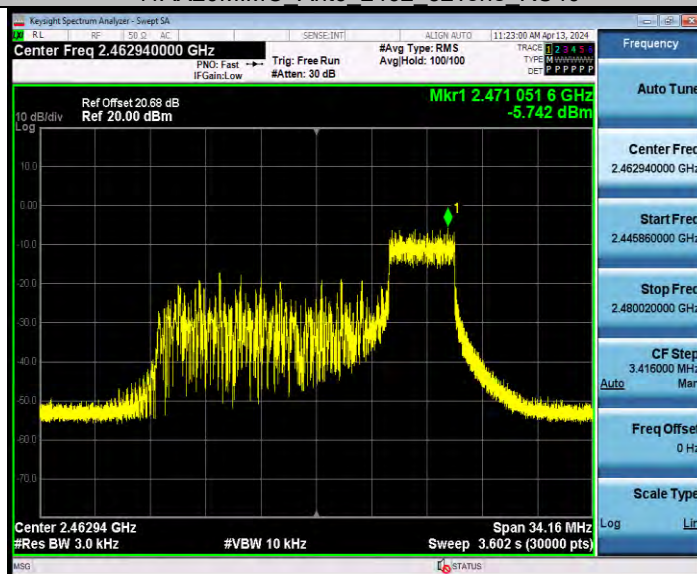


11AX20MIMO_Ant8_2437_52Tone_RU38





11AX20MIMO Ant6 2462 52Tone RU40

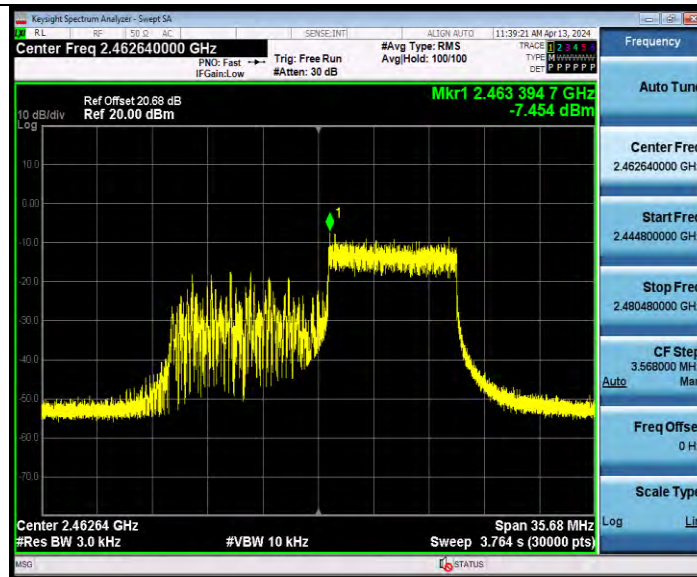


11AX20MIMO Ant6 2462 106Tone RU54



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Reference No.: W7L-231218W001RF02

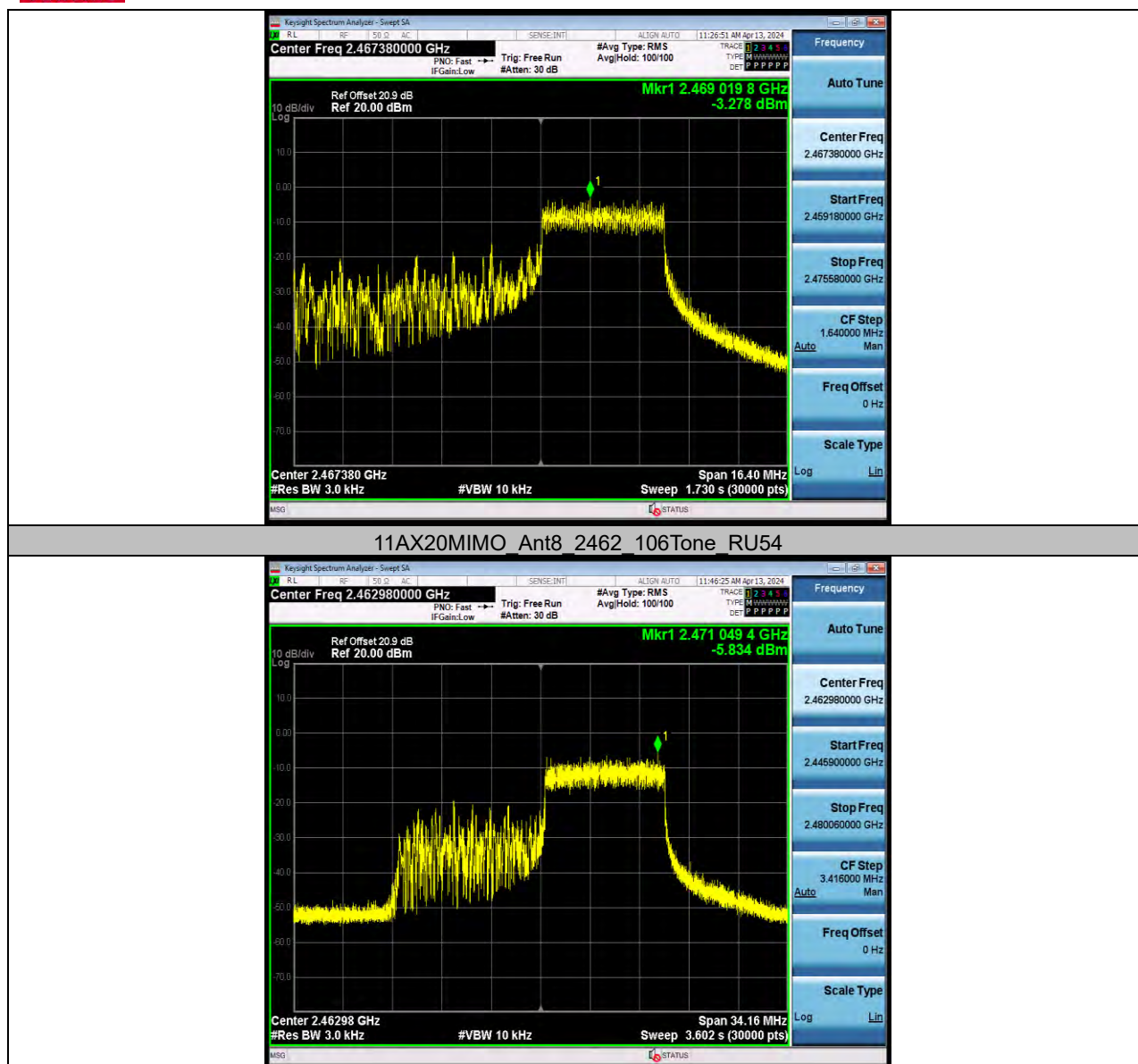


11AX20MIMO_Ant8_2462_26Tone_RU8



11AX20MIMO_Ant8_2462_52Tone_RU40

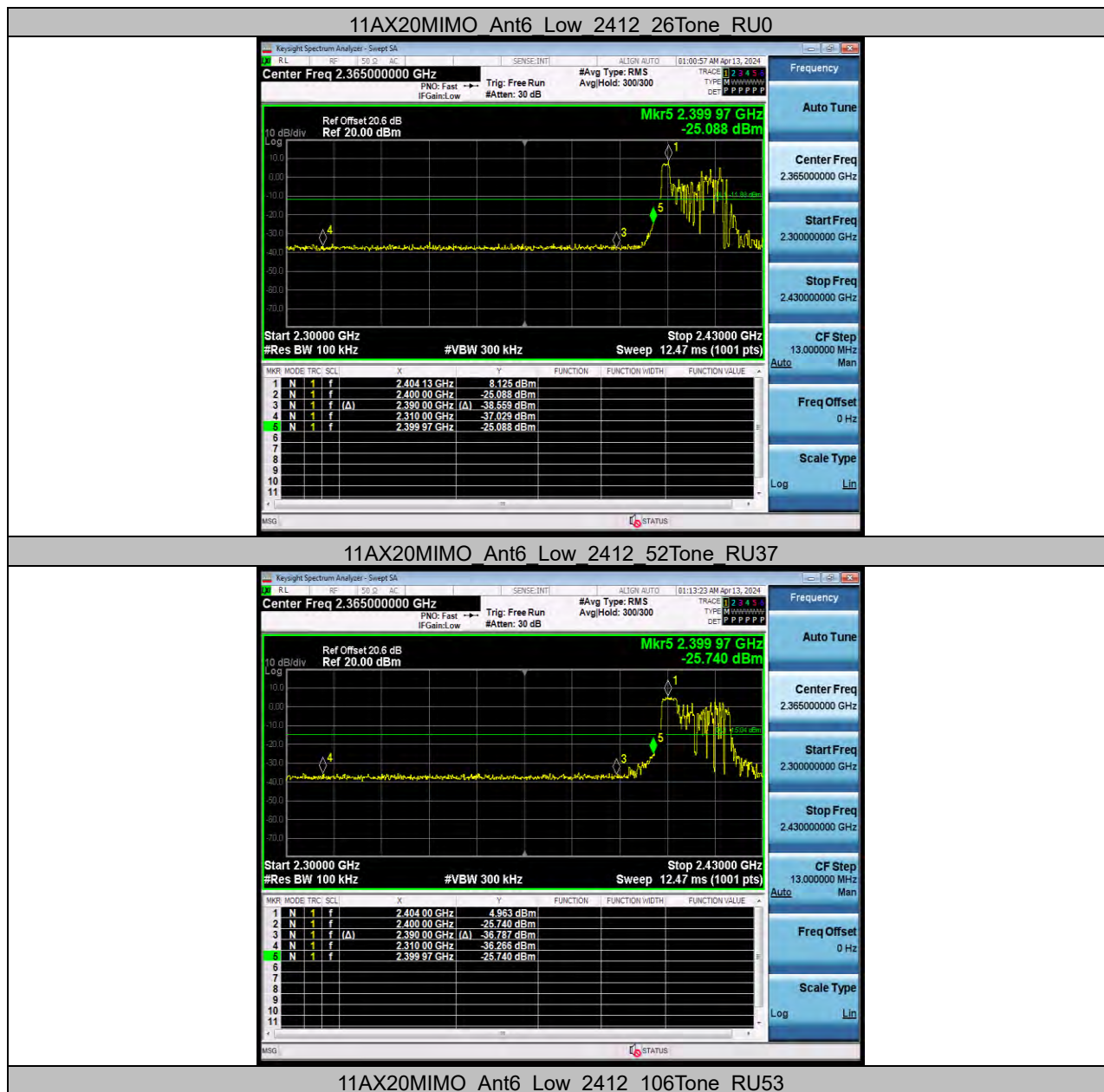
Reference No.: W7L-231218W001RF02



BAND EDGE MEASUREMENTS TEST RESULT

TestMode	Antenna	ChName	Frequency[MHz]	Ru Size	Ru Index	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11AX20MIMO	Ant6	Low	2412	26Tone	RU0	8.13	-25.09	≤-11.88	PASS
				52Tone	RU37	4.96	-25.74	≤-15.04	PASS
				106Tone	RU53	5.49	-19.55	≤-14.51	PASS
	Ant8	Low	2412	26Tone	RU0	10.83	-23.19	≤-9.17	PASS
				52Tone	RU37	7.38	-25.15	≤-12.62	PASS
				106Tone	RU53	4.77	-19.01	≤-15.24	PASS
	Ant6	High	2462	26Tone	RU8	8.12	-33.83	≤-11.89	PASS
				52Tone	RU40	5.74	-34.51	≤-14.26	PASS
				106Tone	RU54	4.00	-33.94	≤-16	PASS
	Ant8	High	2462	26Tone	RU8	11.31	-33.68	≤-8.69	PASS
				52Tone	RU40	9.12	-34.05	≤-10.88	PASS
				106Tone	RU54	5.38	-33.29	≤-14.63	PASS

TEST GRAPHS





11AX20MIMO_Ant8_Low_2412_26Tone_RU0



11AX20MIMO_Ant8_Low_2412_52Tone_RU37



11AX20MIMO Ant8 Low 2412 106Tone RU53



11AX20MIMO Ant6 High 2462 26Tone RU8



11AX20MIMO Ant6 High 2462 52Tone RU40



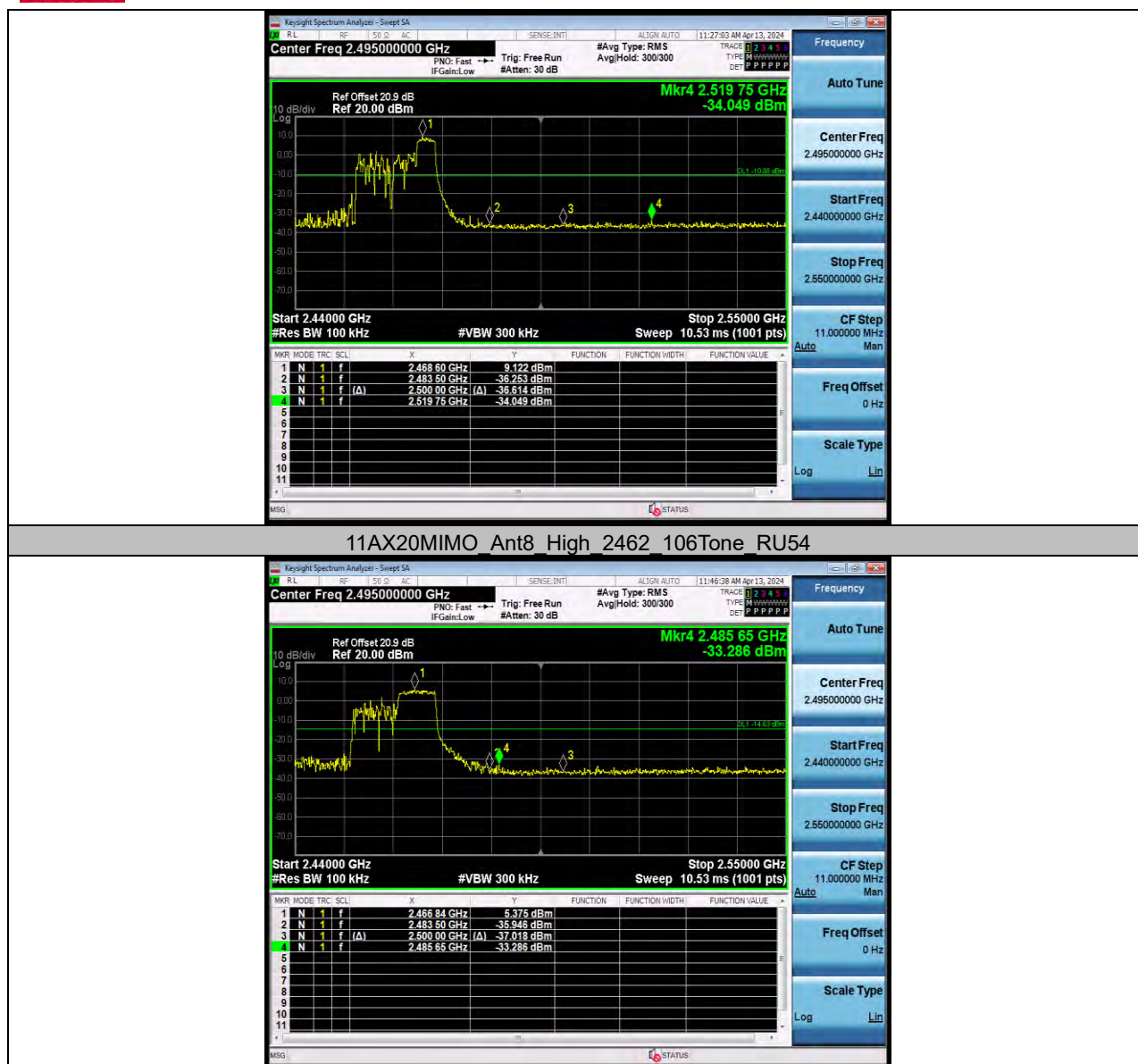
11AX20MIMO Ant6 High 2462 106Tone RU54



11AX20MIMO Ant8 High 2462 26Tone RU8



11AX20MIMO Ant8 High 2462 52Tone RU40



CONDUCTED SPURIOUS EMISSION TEST RESULT

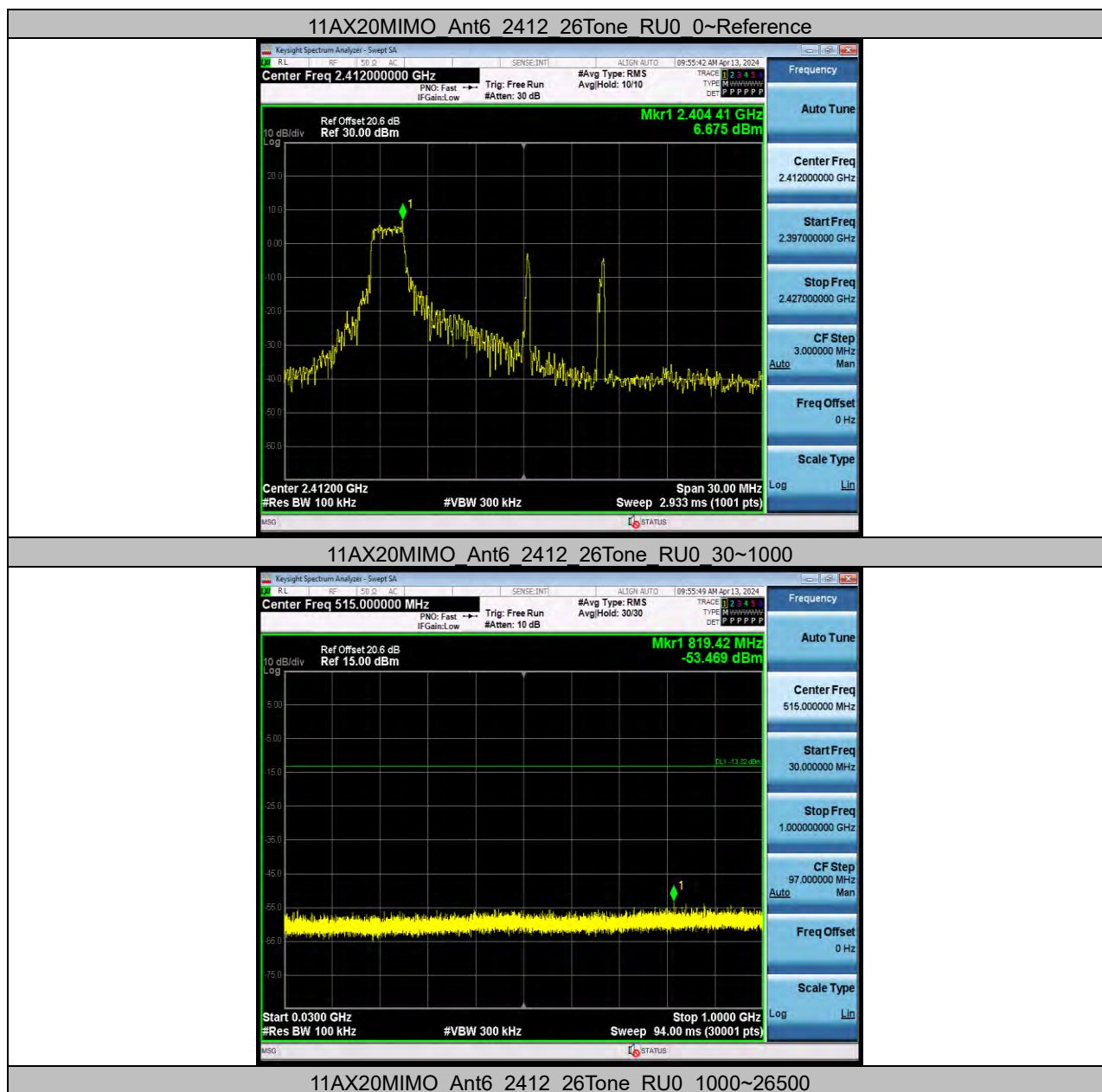
TestMode	Antenna	Frequency[MHz]	Ru Size	Ru Index	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11AX20MIMO	Ant6	2412	26Tone	RU0	Reference	6.68	6.68	---	PASS
				RU0	30~1000	6.68	-53.47	≤-13.32	PASS
				RU0	1000~26500	6.68	-34.91	≤-13.32	PASS
			52Tone	RU37	Reference	3.43	3.43	---	PASS
				RU37	30~1000	3.43	-53.90	≤-16.57	PASS
				RU37	1000~26500	3.43	-35.21	≤-16.57	PASS
			106Tone	RU53	Reference	2.77	2.77	---	PASS
				RU53	30~1000	2.77	-54.50	≤-17.23	PASS
				RU53	1000~26500	2.77	-35.25	≤-17.23	PASS
	Ant8	2412	26Tone	RU0	Reference	9.09	9.09	---	PASS
				RU0	30~1000	9.09	-54.01	≤-10.91	PASS
				RU0	1000~26500	9.09	-35.11	≤-10.91	PASS
			52Tone	RU37	Reference	6.42	6.42	---	PASS
				RU37	30~1000	6.42	-53.74	≤-13.58	PASS
				RU37	1000~26500	6.42	-34.34	≤-13.58	PASS
			106Tone	RU53	Reference	3.53	3.53	---	PASS
				RU53	30~1000	3.53	-53.49	≤-16.47	PASS
				RU53	1000~26500	3.53	-34.84	≤-16.47	PASS
	Ant6	2437	26Tone	RU4	Reference	8.31	8.31	---	PASS
				RU4	30~1000	8.31	-54.22	≤-11.69	PASS
				RU4	1000~26500	8.31	-35.05	≤-11.69	PASS
			52Tone	RU38	Reference	5.64	5.64	---	PASS
				RU38	30~1000	5.64	-54.67	≤-14.36	PASS
				RU38	1000~26500	5.64	-35.03	≤-14.36	PASS
			106Tone	RU53	Reference	4.44	4.44	---	PASS
				RU53	30~1000	4.44	-53.95	≤-15.56	PASS
				RU53	1000~26500	4.44	-35.58	≤-15.56	PASS
	Ant8	2437	26Tone	RU4	Reference	8.15	8.15	---	PASS
				RU4	30~1000	8.15	-54.23	≤-11.85	PASS
				RU4	1000~26500	8.15	-34.97	≤-11.85	PASS
			52Tone	RU38	Reference	7.58	7.58	---	PASS
				RU38	30~1000	7.58	-52.65	≤-12.42	PASS
				RU38	1000~26500	7.58	-35.19	≤-12.42	PASS
			106Tone	RU53	Reference	4.94	4.94	---	PASS
				RU53	30~1000	4.94	-54.06	≤-15.06	PASS
				RU53	1000~26500	4.94	-34.51	≤-15.06	PASS
	Ant6	2462	26Tone	RU8	Reference	7.68	7.68	---	PASS
				RU8	30~1000	7.68	-53.97	≤-12.32	PASS
				RU8	1000~26500	7.68	-34.84	≤-12.32	PASS
			52Tone	RU40	Reference	4.73	4.73	---	PASS
				RU40	30~1000	4.73	-54.28	≤-15.27	PASS
				RU40	1000~26500	4.73	-33.97	≤-15.27	PASS
			106Tone	RU54	Reference	2.35	2.35	---	PASS
				RU54	30~1000	2.35	-54.23	≤-17.65	PASS



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	Ant8	2462	26Tone	RU54	1000~26500	2.35	-34.48	≤-17.65	PASS
				RU8	Reference	9.60	9.60	---	PASS
				RU8	30~1000	9.60	-53.51	≤-10.4	PASS
				RU8	1000~26500	9.60	-34.88	≤-10.4	PASS
			52Tone	RU40	Reference	7.91	7.91	---	PASS
				RU40	30~1000	7.91	-53.41	≤-12.09	PASS
				RU40	1000~26500	7.91	-34.64	≤-12.09	PASS
			106Tone	RU54	Reference	4.19	4.19	---	PASS
				RU54	30~1000	4.19	-54.06	≤-15.81	PASS
				RU54	1000~26500	4.19	-34.68	≤-15.81	PASS

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11AX20MIMO Ant6 2412 52Tone RU37 0~Reference



11AX20MIMO Ant6 2412 52Tone RU37 30~1000

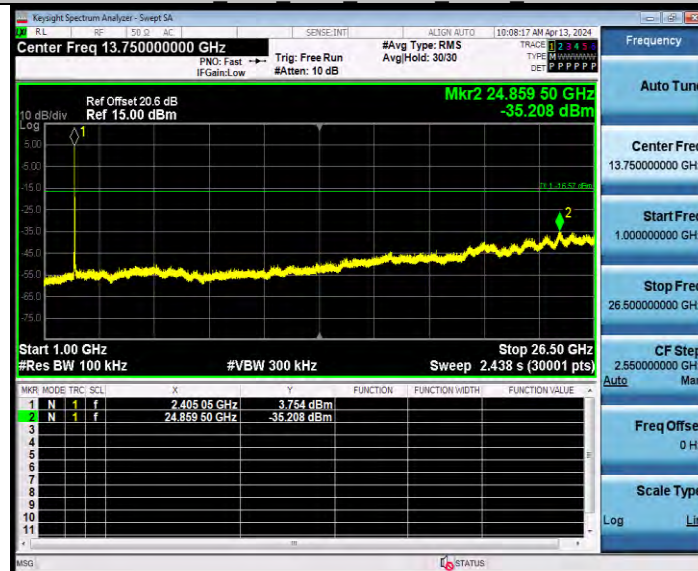


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Reference No.: W7L-231218W001RF02



11AX20MIMO Ant6 2412 52Tone RU37 1000~26500



11AX20MIMO Ant6 2412 106Tone RU53 0~Reference

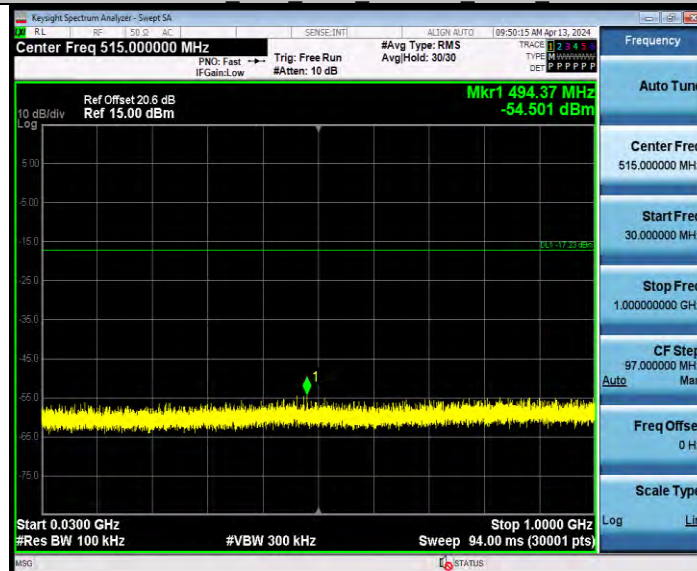


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Reference No.: W7L-231218W001RF02



11AX20MIMO_Ant6_2412_106Tone_RU53_30~1000



11AX20MIMO_Ant6_2412_106Tone_RU53_1000~26500



Reference No.: W7L-231218W001RF02



11AX20MIMO Ant8 2412 26Tone RU0 0~Reference



11AX20MIMO Ant8 2412 26Tone RU0 30~1000



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Reference No.: W7L-231218W001RF02



11AX20MIMO Ant8 2412 26Tone RU0 1000~26500



11AX20MIMO Ant8 2412 52Tone RU37 0~Reference

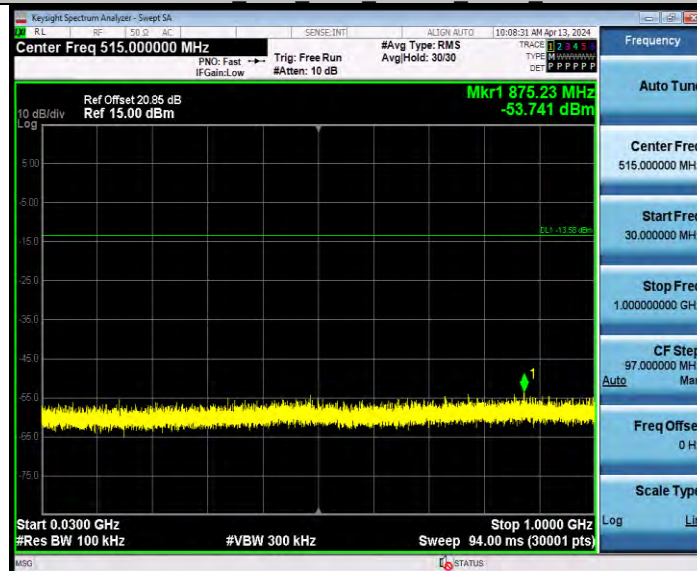


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Reference No.: W7L-231218W001RF02



11AX20MIMO Ant8 2412 52Tone RU37 30~1000



11AX20MIMO Ant8 2412 52Tone RU37 1000~26500



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Reference No.: W7L-231218W001RF02



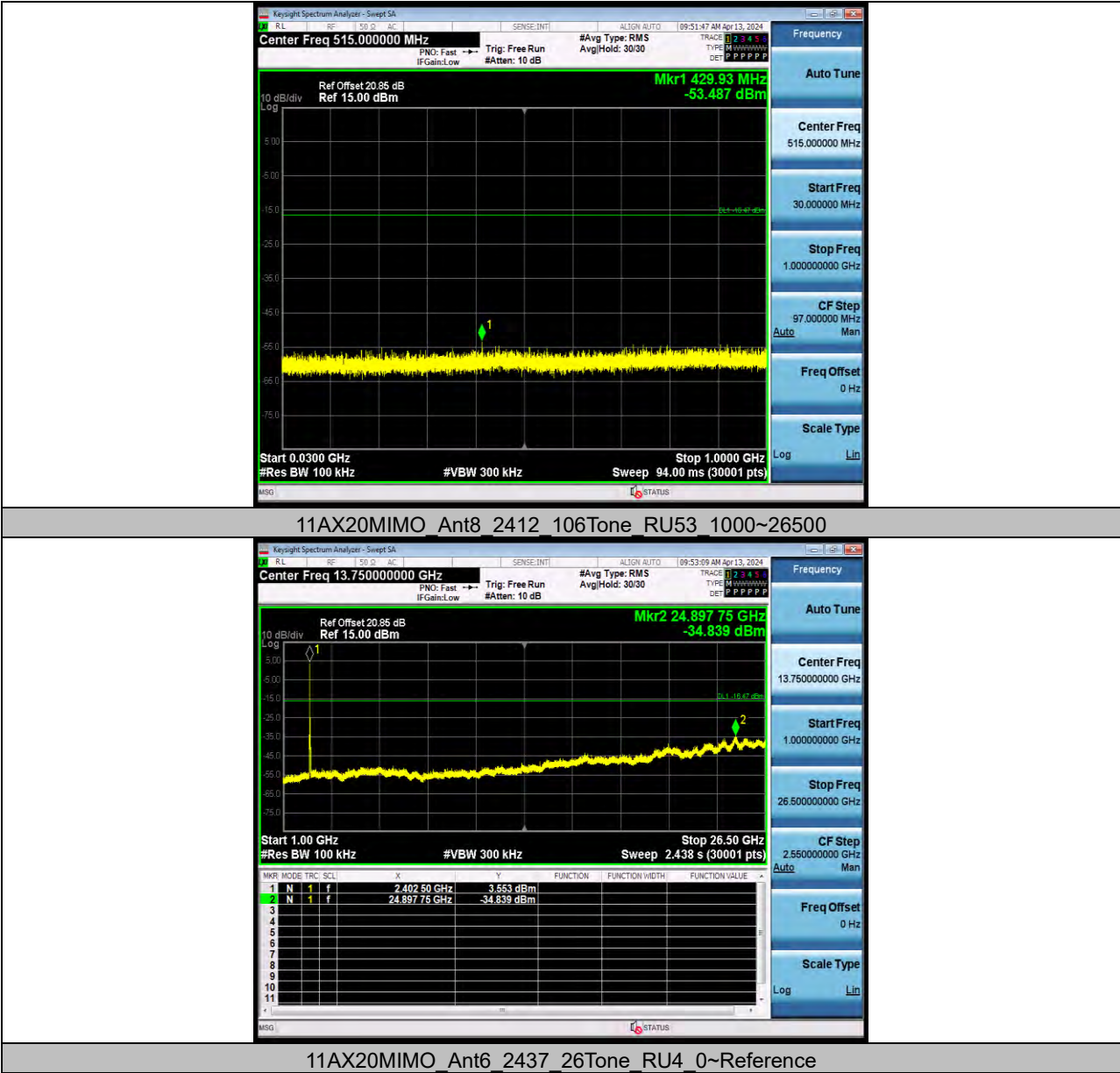
11AX20MIMO Ant8 2412 106Tone RU53 0~Reference



11AX20MIMO Ant8 2412 106Tone RU53 30~1000



Reference No.: W7L-231218W001RF02



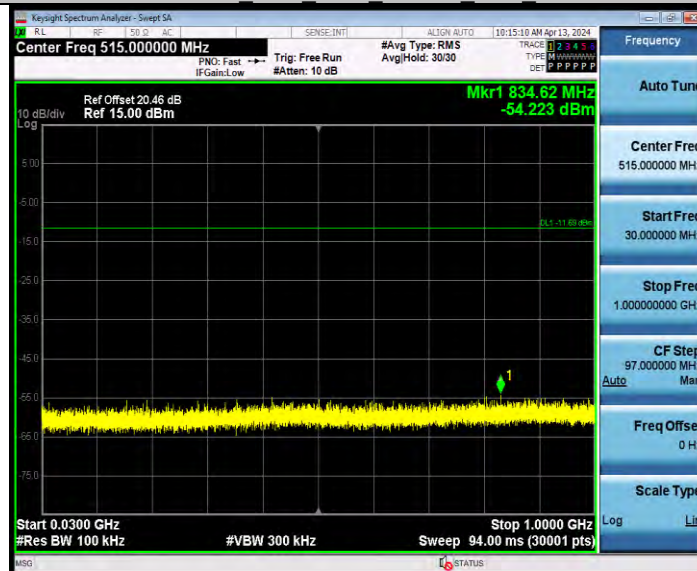


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Reference No.: W7L-231218W001RF02



11AX20MIMO Ant6 2437 26Tone RU4 30~1000



11AX20MIMO Ant6 2437 26Tone RU4 1000~26500



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Reference No.: W7L-231218W001RF02



11AX20MIMO Ant6 2437 52Tone RU38 0~Reference



11AX20MIMO Ant6 2437 52Tone RU38 30~1000

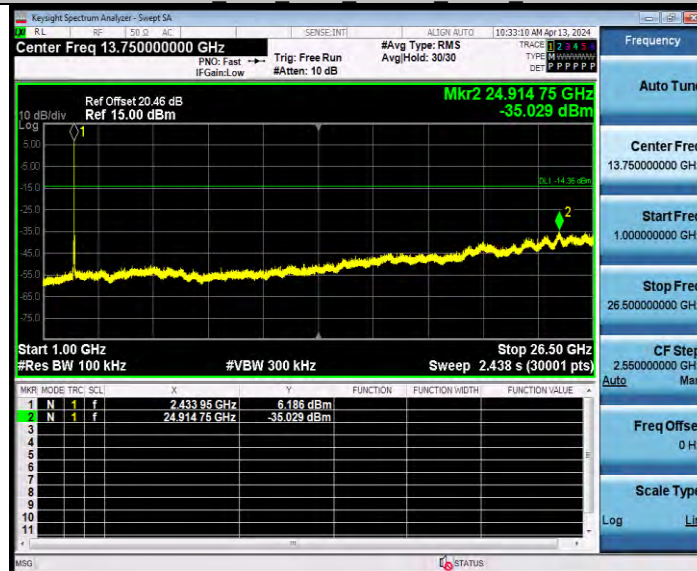


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VERITAS

Reference No.: W7L-231218W001RF02



11AX20MIMO Ant6 2437 52Tone RU38 1000~26500



11AX20MIMO Ant6 2437 106Tone RU53 0~Reference