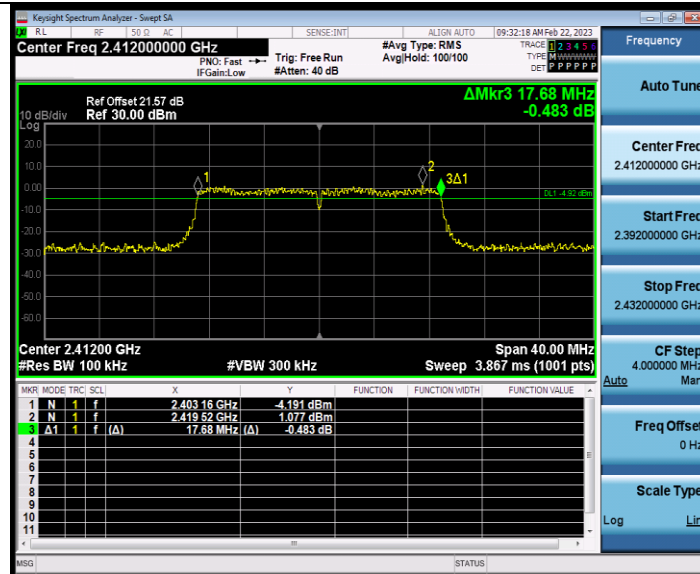


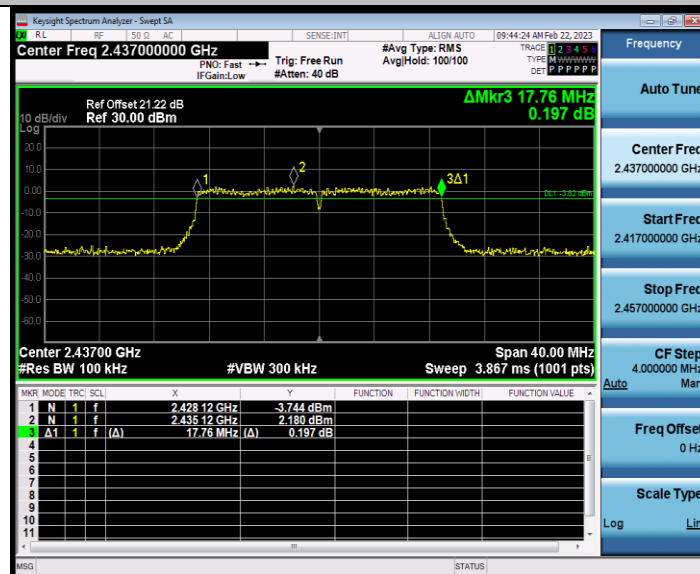


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Test Report No.: W7L-P22110033RF02



11N20SISO_Ant1_2437

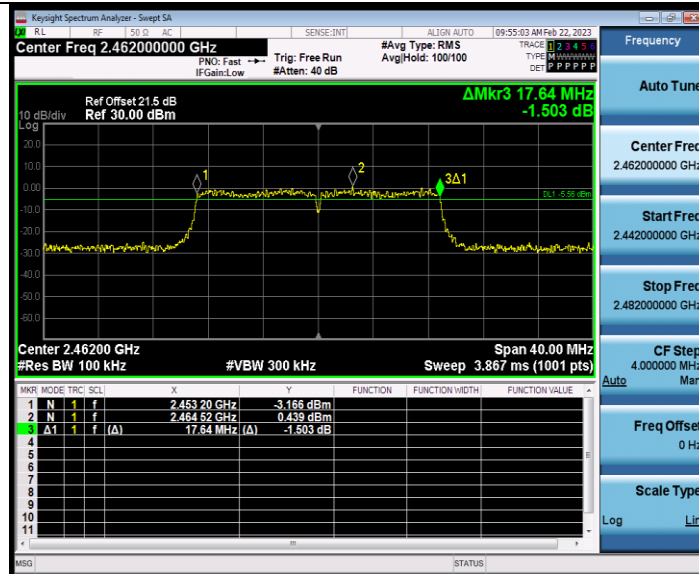


11N20SISO_Ant1_2462

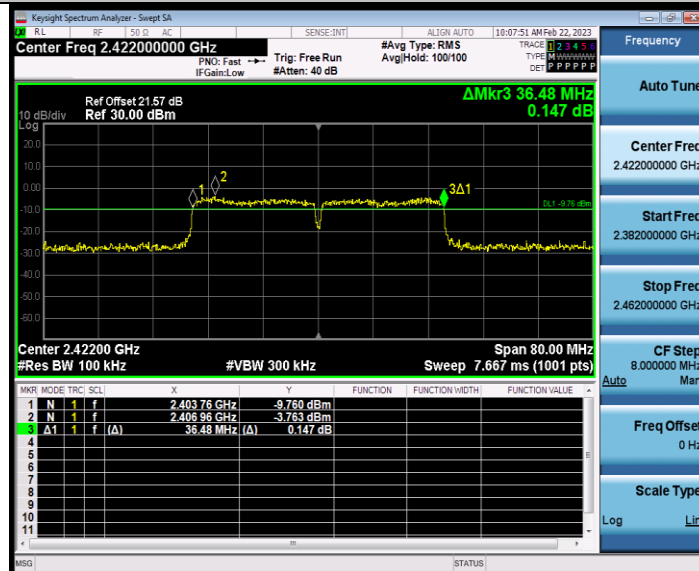


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VERITAS

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11N40SISO_Ant1_2422

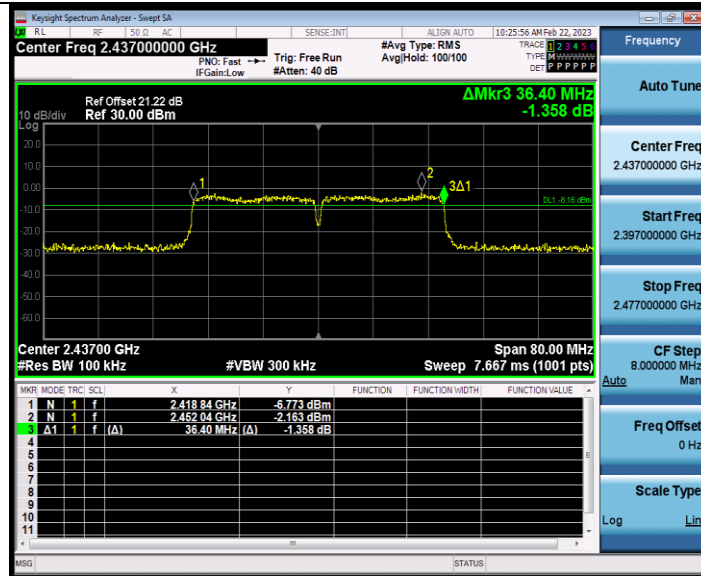


11N40SISO_Ant1_2437

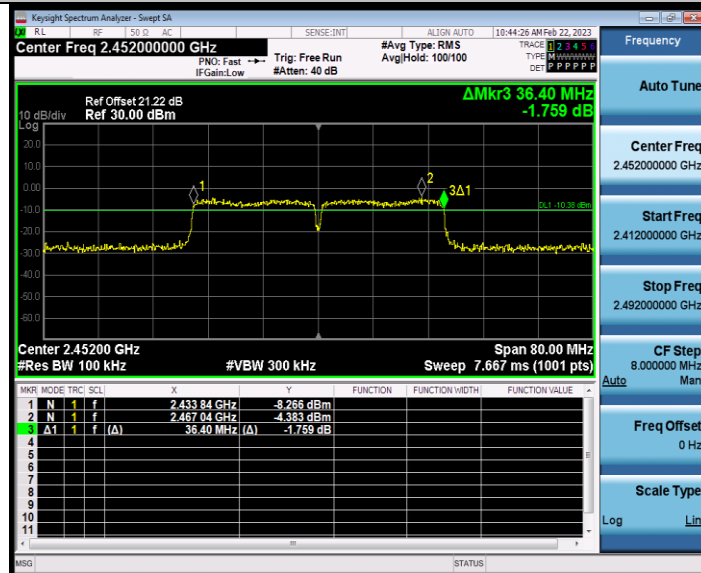


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VERITAS

Test Report No.: W7L-P22110033RF02



11N40SISO_Ant1_2452



**OCCUPIED CHANNEL BANDWIDTH****TEST RESULT**

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	14.346	2404.8205	2419.1665	---	---
		2437	14.441	2429.8137	2444.2547	---	---
		2462	14.370	2454.7972	2469.1672	---	---
11G	Ant1	2412	17.005	2403.5159	2420.5209	---	---
		2437	17.004	2428.5313	2445.5353	---	---
		2462	17.015	2453.5204	2470.5354	---	---
11N20SISO	Ant1	2412	17.877	2403.0589	2420.9359	---	---
		2437	17.839	2428.0933	2445.9323	---	---
		2462	17.914	2453.0633	2470.9773	---	---
11N40SISO	Ant1	2422	37.496	2403.3441	2440.8401	---	---
		2437	36.845	2418.6578	2455.5028	---	---
		2452	37.342	2433.3962	2470.7382	---	---

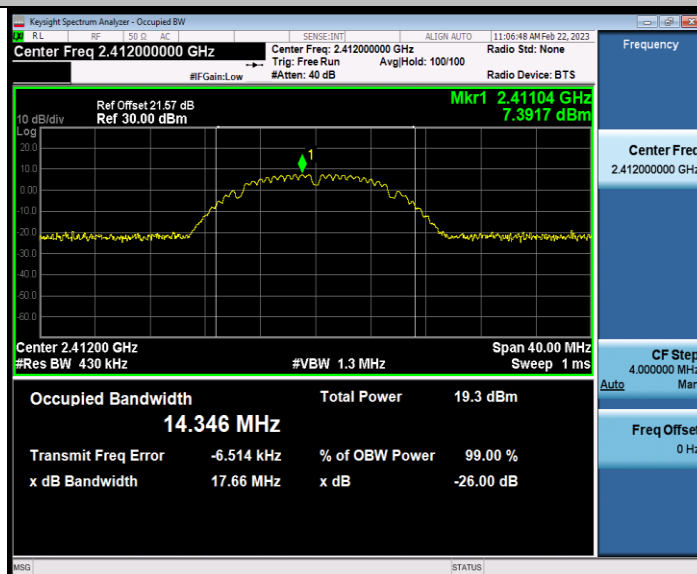


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VERITAS

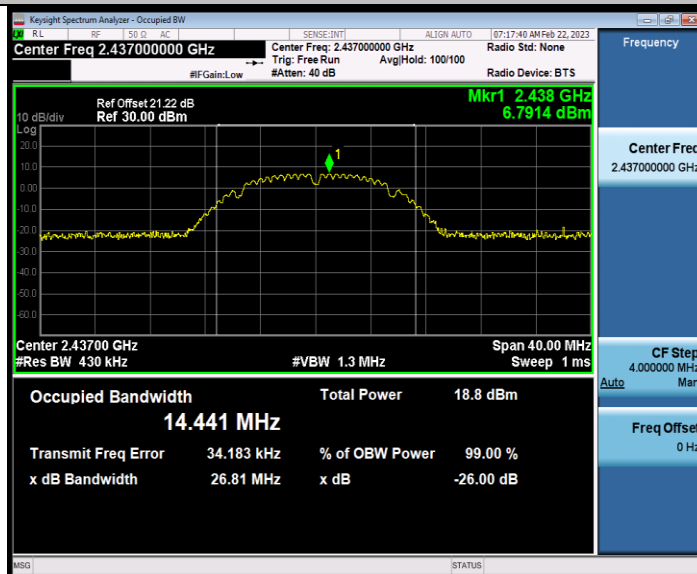
Test Report No.: W7L-P22110033RF02

TEST GRAPHS

11B_Ant1_2412



11B_Ant1_2437

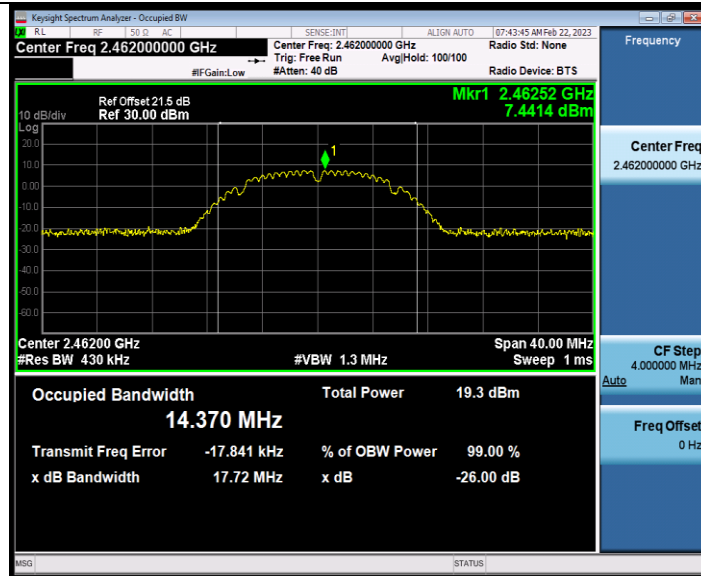


11B_Ant1_2462

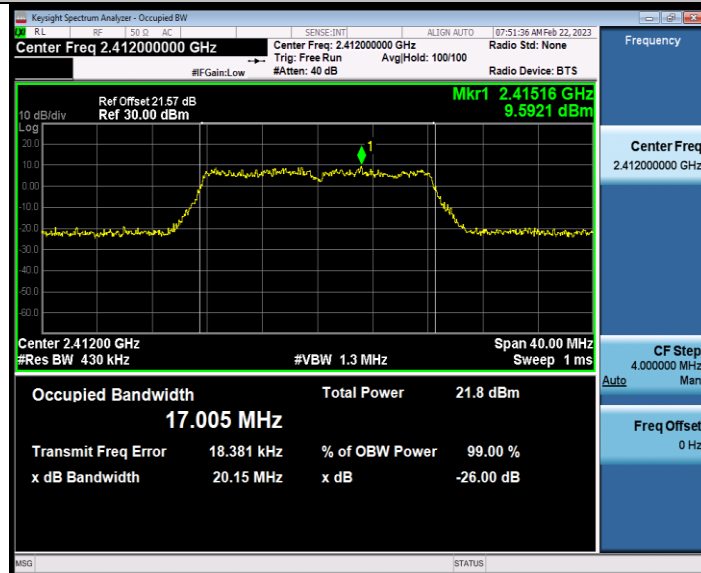


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VERITAS

Test Report No.: W7L-P22110033RF02



11G_Ant1_2412

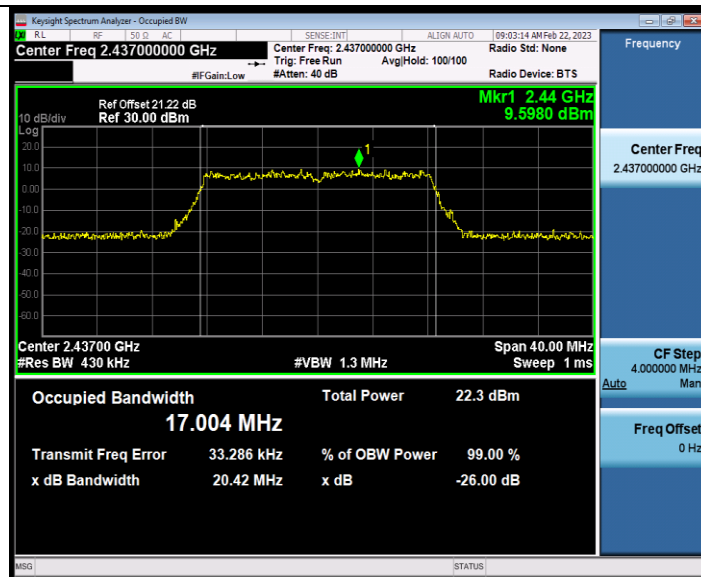


11G_Ant1_2437

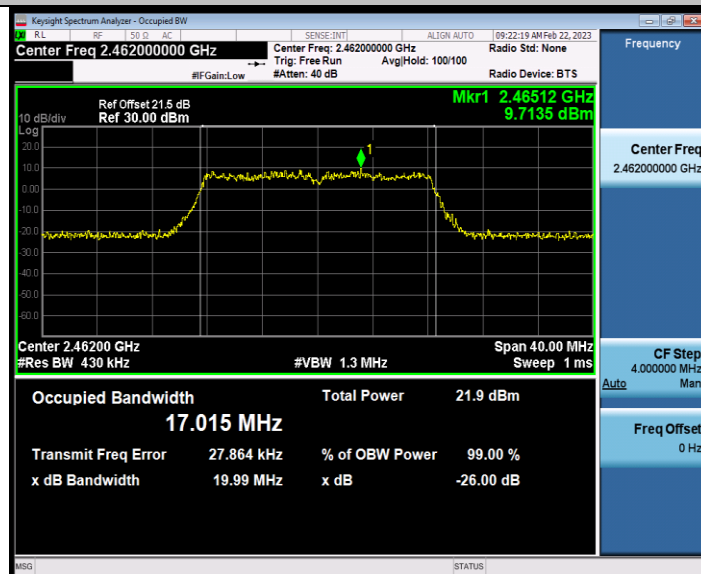


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VERITAS

Test Report No.: W7L-P22110033RF02



11G_Ant1_2462

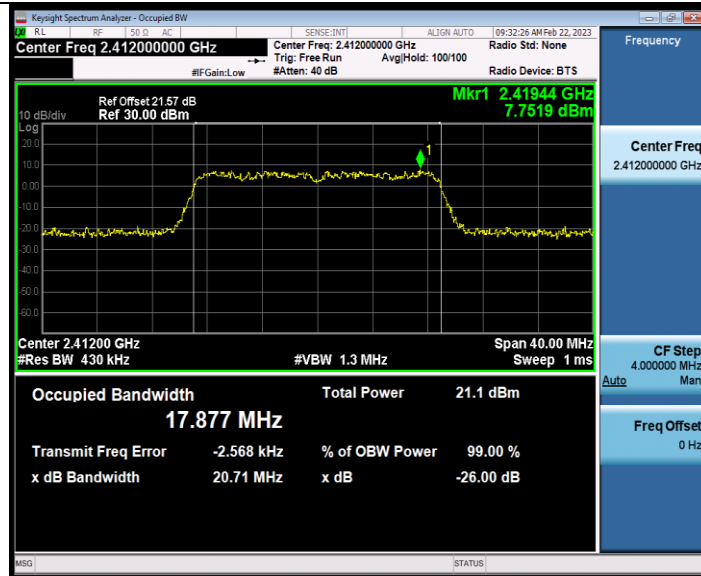


11N20SISO_Ant1_2412

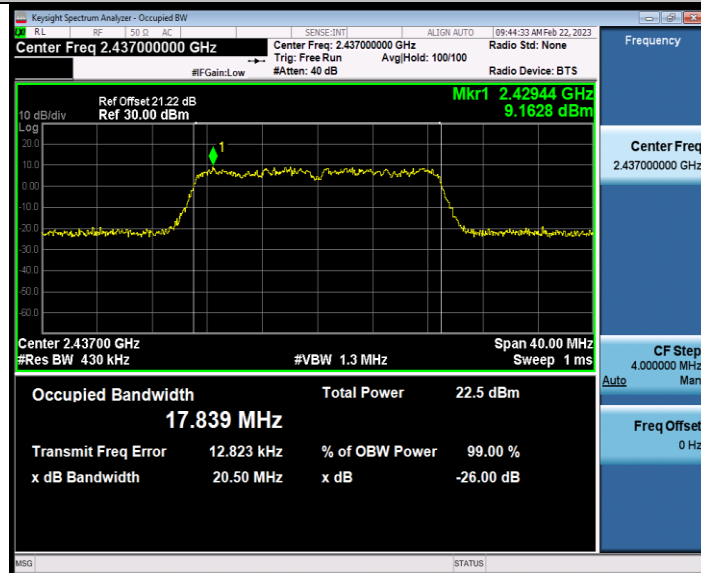


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VERITAS

Test Report No.: W7L-P22110033RF02



11N20SISO_Ant1_2437

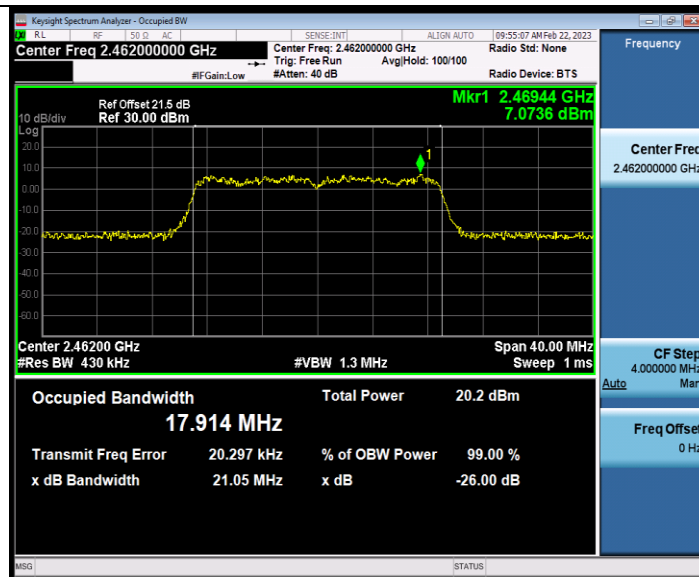


11N20SISO_Ant1_2462

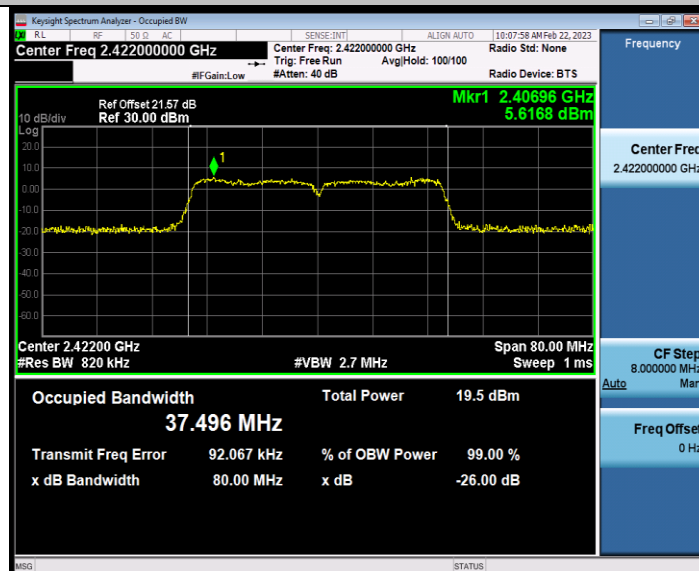


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Test Report No.: W7L-P22110033RF02



11N40SISO_Ant1_2422

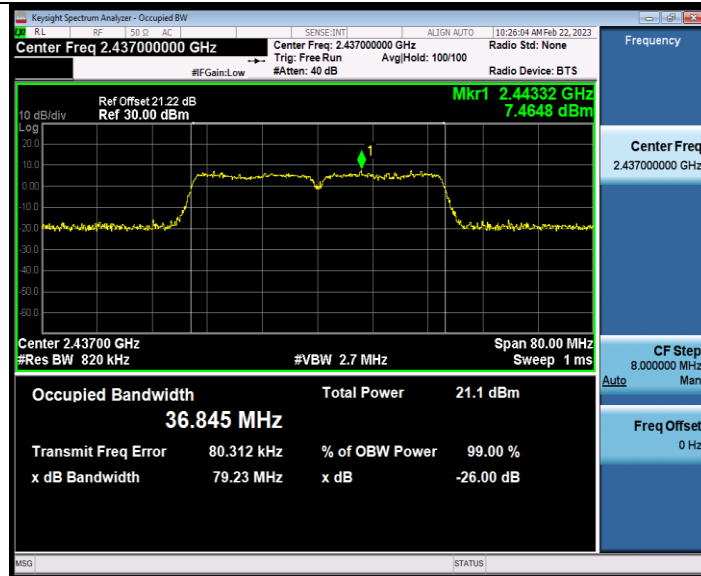


11N40SISO_Ant1_2437

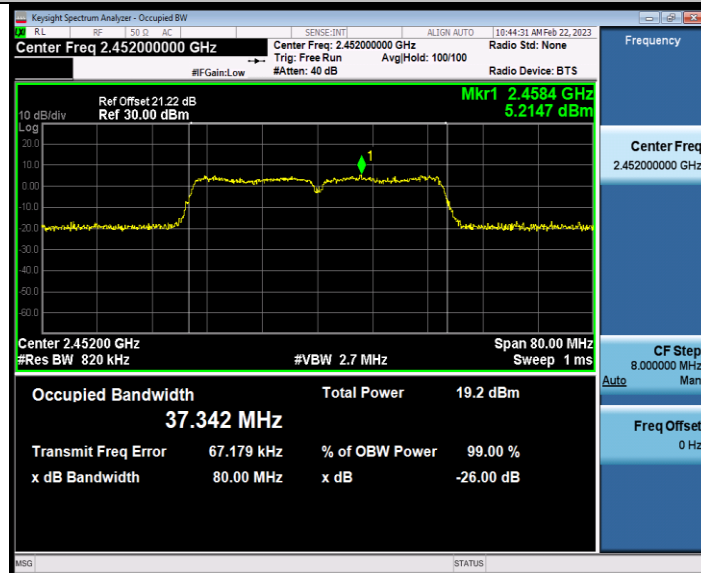


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VERITAS

Test Report No.: W7L-P22110033RF02



11N40SISO_Ant1_2452





MAXIMUM CONDUCTED OUTPUT POWER

TEST RESULT

TestMode	Antenna	Freq. [MHz]	Average power [dBm]	Peak Power [dBm]	Peak Power [mw]	Conducted Limit [dBm]	EIRP [dBm]	EIRP [mw]	EIRP Limit [dBm]	Verdict	Power Setting
11B	Ant1	2412	15.55	18.09	64.42	≤30.00	20.09	102.09	≤36.00	PASS	1
		2437	15.7	18.26	66.99	≤30.00	20.26	106.17	≤36.00	PASS	3
		2462	15.73	18.3	67.61	≤30.00	20.3	107.15	≤36.00	PASS	2
11G	Ant1	2412	14.59	25.02	317.69	≤30.00	27.02	503.50	≤36.00	PASS	0
		2437	15.62	26.02	399.94	≤30.00	28.02	633.87	≤36.00	PASS	3
		2462	14.78	25.05	319.89	≤30.00	27.05	506.99	≤36.00	PASS	0
11N20SISO	Ant1	2412	13.88	23.48	222.84	≤30.00	25.48	353.18	≤36.00	PASS	0
		2437	15.83	25.55	358.92	≤30.00	27.55	568.85	≤36.00	PASS	3
		2462	13.12	22.66	184.50	≤30.00	24.66	292.42	≤36.00	PASS	0
11N40SISO	Ant1	2422	11.71	21.16	130.62	≤30.00	23.16	207.01	≤36.00	PASS	0
		2437	13.74	23.18	207.97	≤30.00	25.18	329.61	≤36.00	PASS	3
		2452	11.97	21.34	136.14	≤30.00	23.34	215.77	≤36.00	PASS	0



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Test Report No.: W7L-P22110033RF02

MAXIMUM POWER SPECTRAL DENSITY

TEST RESULT

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-12.76	≤8.00	PASS
		2437	-13.53	≤8.00	PASS
		2462	-12.96	≤8.00	PASS
11G	Ant1	2412	-11.35	≤8.00	PASS
		2437	-11	≤8.00	PASS
		2462	-11.5	≤8.00	PASS
11N20SISO	Ant1	2412	-11.79	≤8.00	PASS
		2437	-10.5	≤8.00	PASS
		2462	-12.71	≤8.00	PASS
11N40SISO	Ant1	2422	-15.38	≤8.00	PASS
		2437	-12.37	≤8.00	PASS
		2452	-15.54	≤8.00	PASS

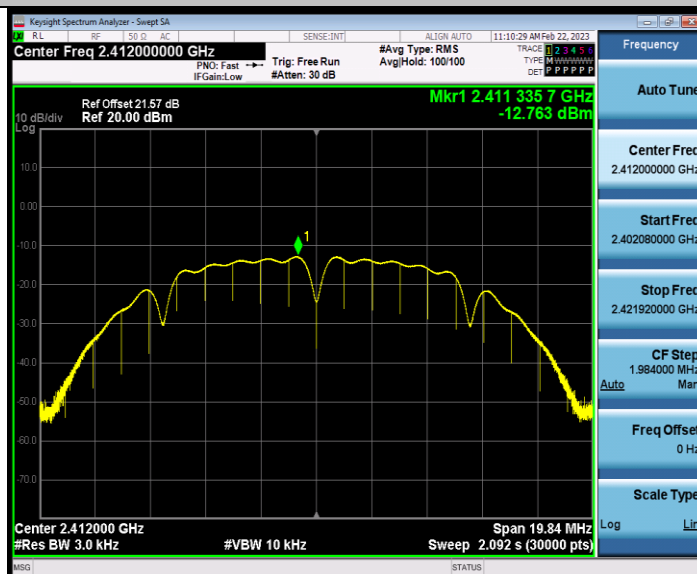


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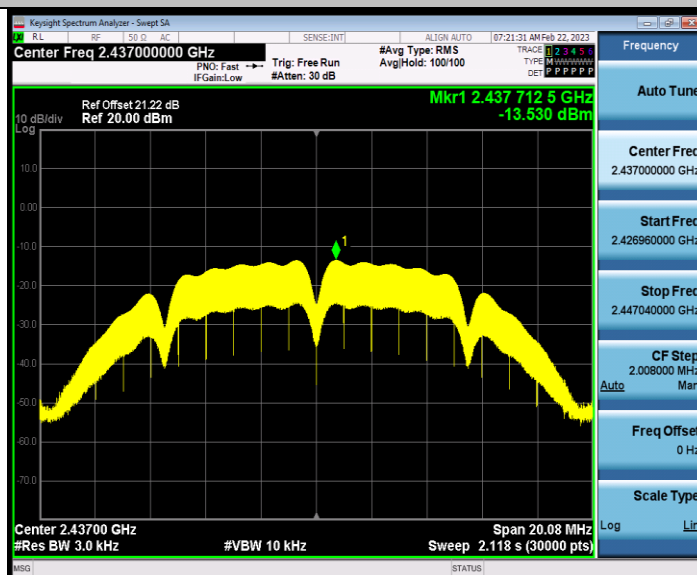
Test Report No.: W7L-P22110033RF02

TEST GRAPHS

11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462

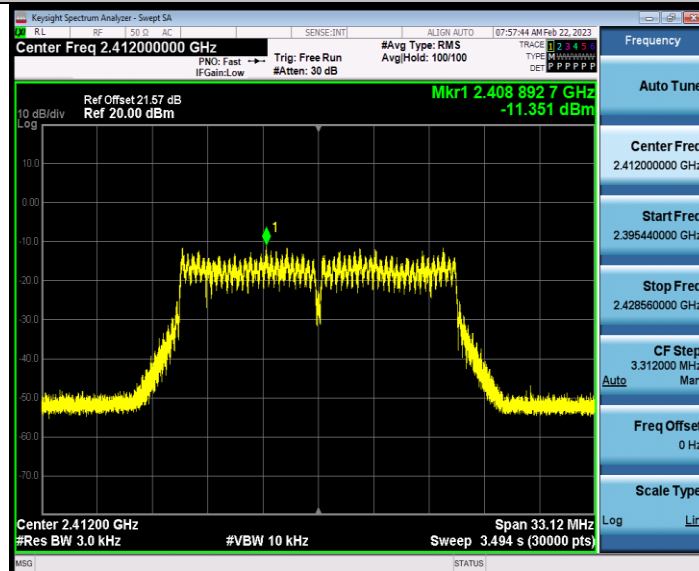


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VERITAS

Test Report No.: W7L-P22110033RF02



11G_Ant1_2412

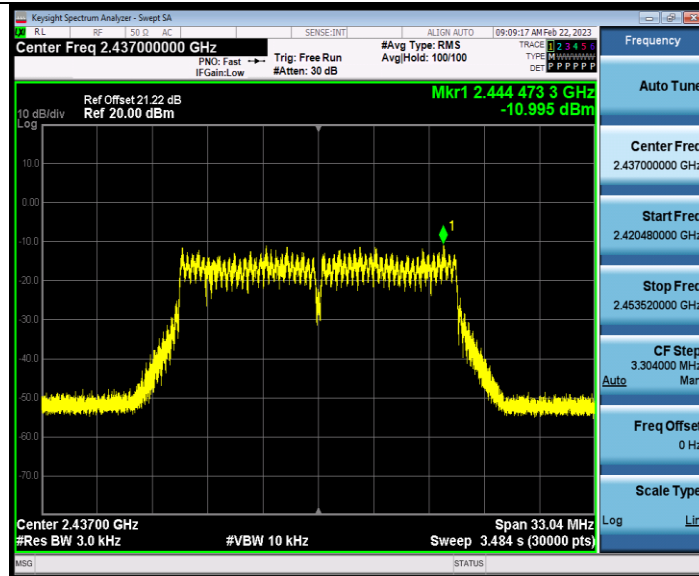


11G_Ant1_2437

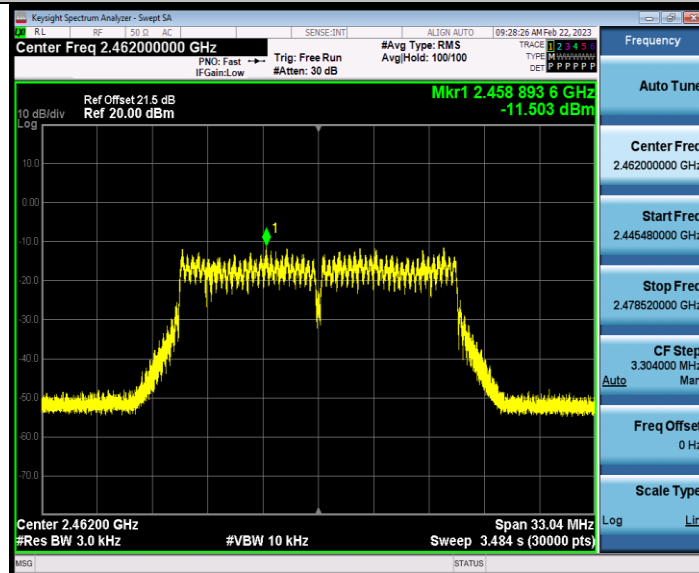


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Test Report No.: W7L-P22110033RF02



11G_Ant1_2462

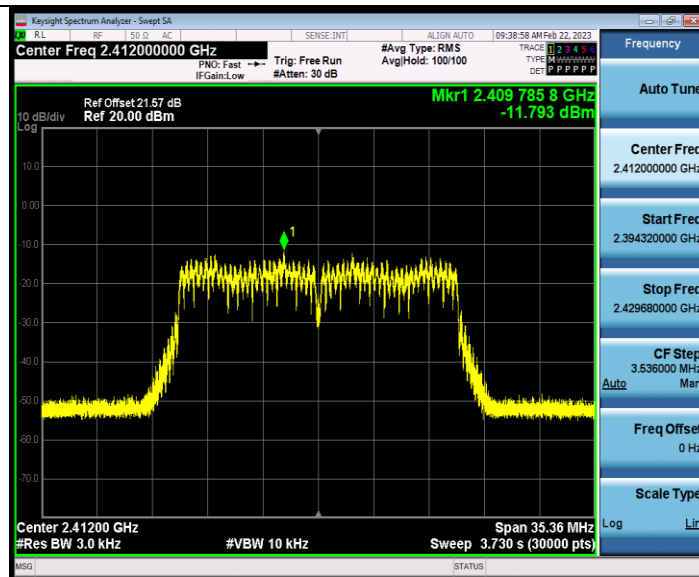


11N20SISO_Ant1_2412

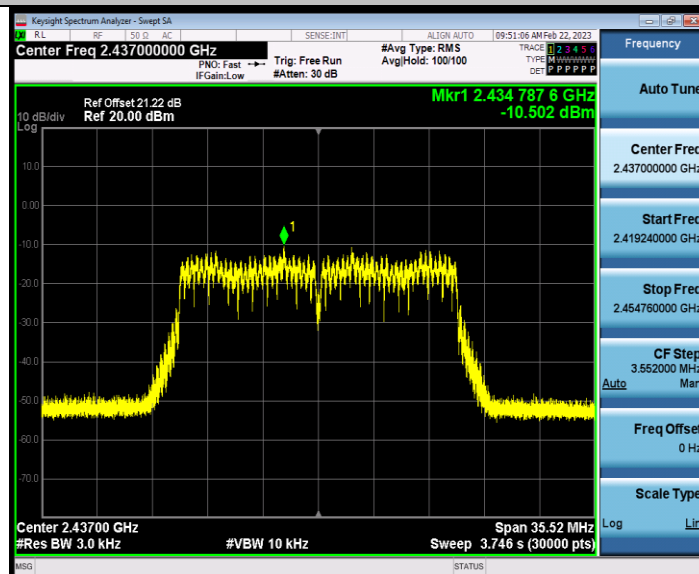


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Test Report No.: W7L-P22110033RF02



11N20SISO_Ant1_2437

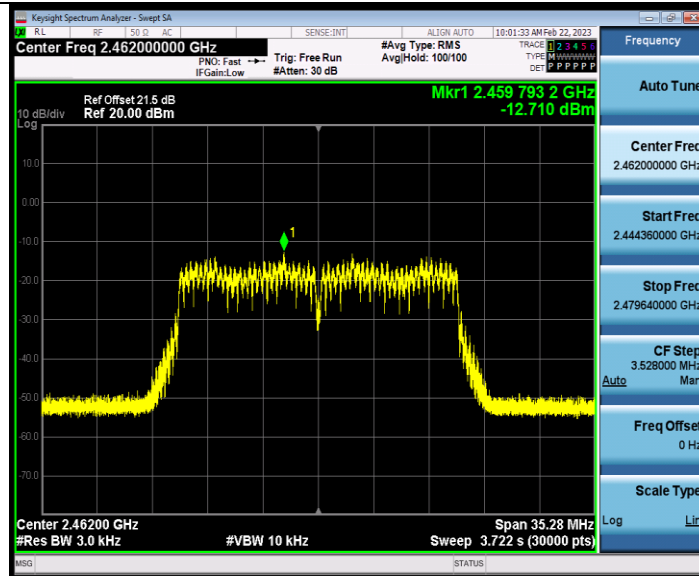


11N20SISO_Ant1_2462

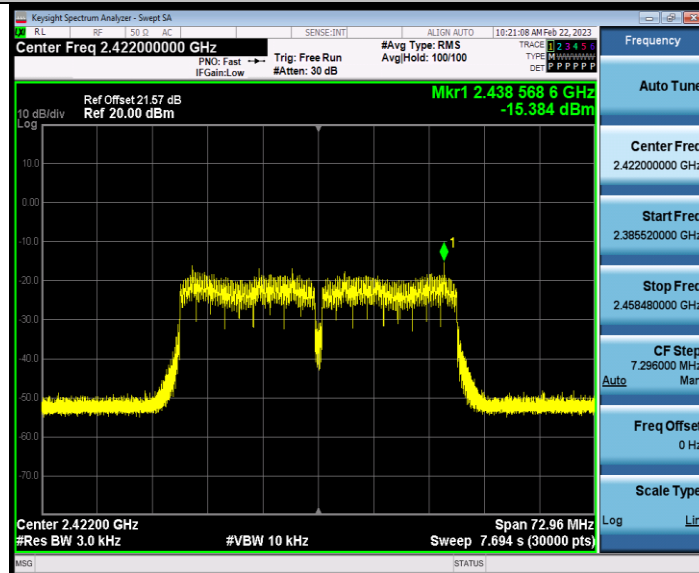


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Test Report No.: W7L-P22110033RF02



11N40SISO_Ant1_2422

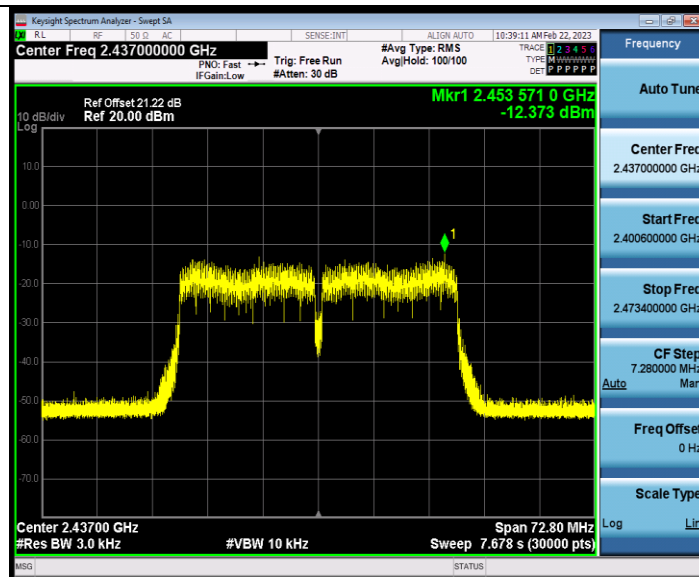


11N40SISO_Ant1_2437

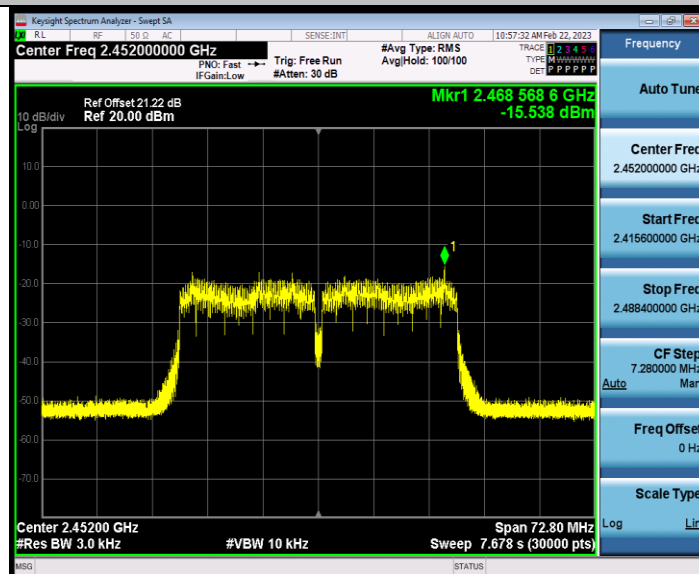


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Test Report No.: W7L-P22110033RF02



11N40SISO_Ant1_2452



**BAND EDGE MEASUREMENTS****TEST RESULT**

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	5.67	-33.91	≤-14.33	PASS
		High	2462	5.71	-34.57	≤-14.29	PASS
11G	Ant1	Low	2412	2.19	-33.99	≤-17.81	PASS
		High	2462	2.03	-34.22	≤-17.97	PASS
11N20SISO	Ant1	Low	2412	1.06	-34.45	≤-18.94	PASS
		High	2462	0.26	-34.16	≤-19.74	PASS
11N40SISO	Ant1	Low	2422	-4.03	-33.99	≤-24.03	PASS
		High	2452	-4.60	-34.04	≤-24.6	PASS

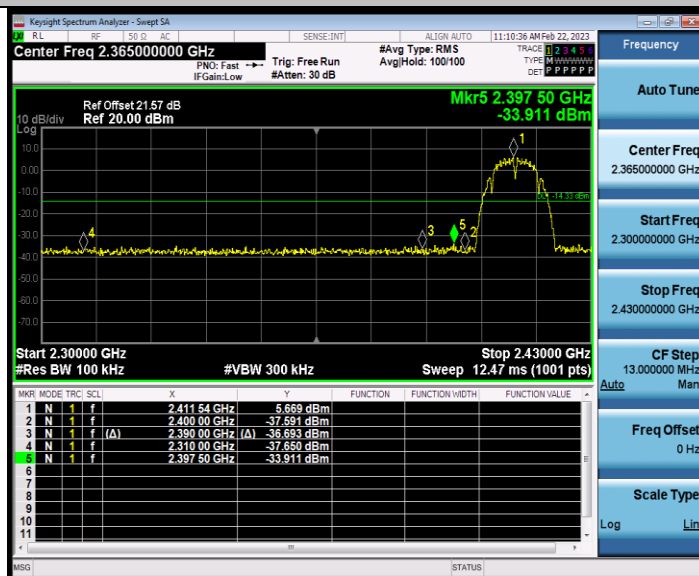


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VERITAS

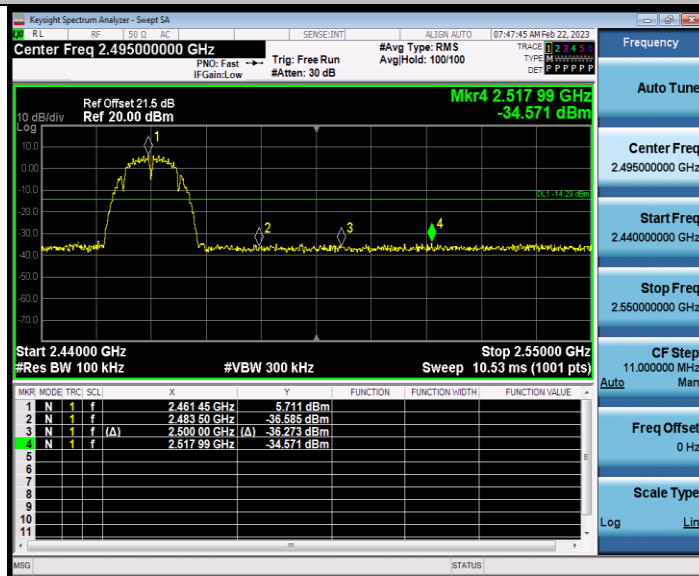
Test Report No.: W7L-P22110033RF02

TEST GRAPHS

11B_Ant1_Low_2412



11B_Ant1_High_2462

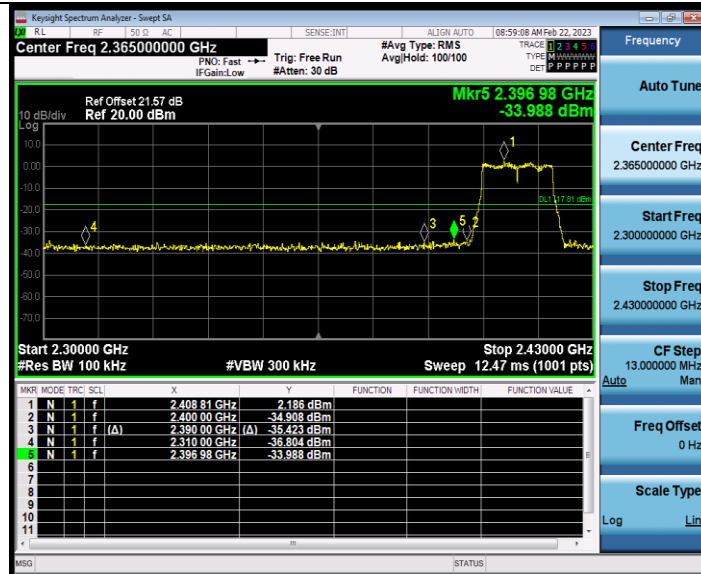


11G_Ant1_Low_2412

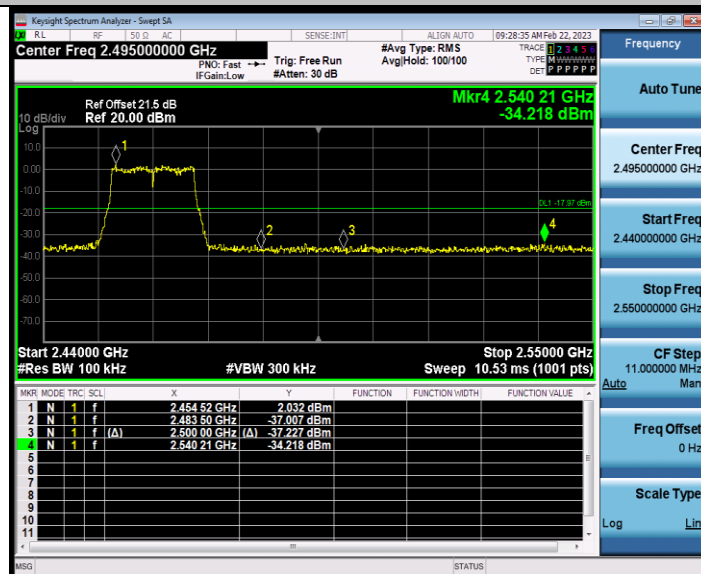


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VERITAS

Test Report No.: W7L-P22110033RF02



11G_Ant1_High_2462

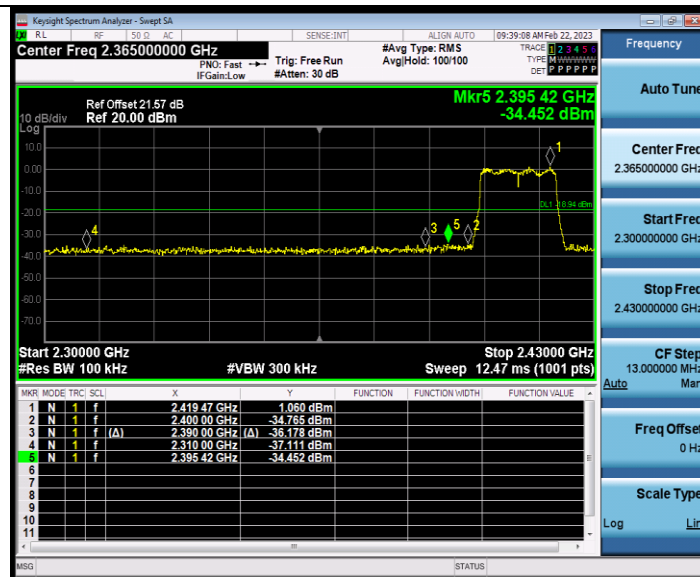


11N20SISO_Ant1_Low_2412

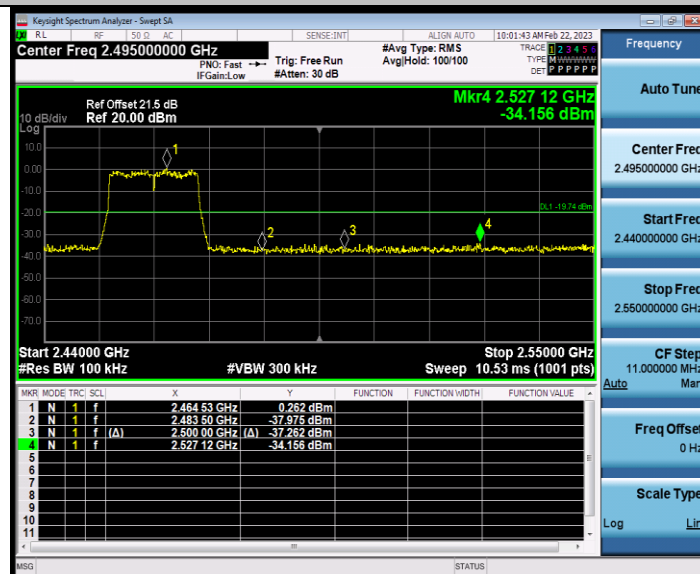


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Test Report No.: W7L-P22110033RF02



11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422

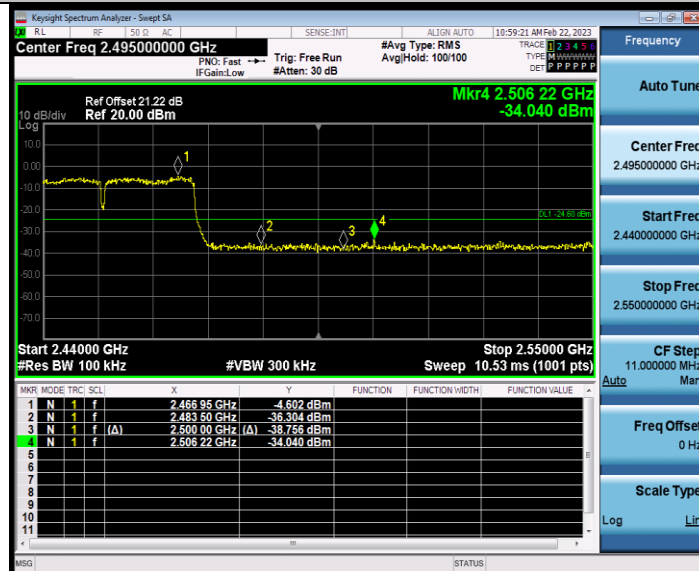


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11N40SISO_Ant1_High_2452





CONDUCTED SPURIOUS EMISSION

TEST RESULT

TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	5.57	5.57	---	PASS
			30~1000	5.57	-43.28	≤ -14.43	PASS
			1000~26500	5.57	-24.58	≤ -14.43	PASS
		2437	Reference	4.51	4.51	---	PASS
			30~1000	4.51	-42.76	≤ -15.49	PASS
			1000~26500	4.51	-24.66	≤ -15.49	PASS
		2462	Reference	5.68	5.68	---	PASS
			30~1000	5.68	-42.08	≤ -14.32	PASS
			1000~26500	5.68	-23.97	≤ -14.32	PASS
11G	Ant1	2412	Reference	1.47	1.47	---	PASS
			30~1000	1.47	-43.65	≤ -18.53	PASS
			1000~26500	1.47	-24.54	≤ -18.53	PASS
		2437	Reference	2.36	2.36	---	PASS
			30~1000	2.36	-42.88	≤ -17.64	PASS
			1000~26500	2.36	-24.32	≤ -17.64	PASS
		2462	Reference	1.08	1.08	---	PASS
			30~1000	1.08	-43.39	≤ -18.92	PASS
			1000~26500	1.08	-24.34	≤ -18.92	PASS
11N20SISO	Ant1	2412	Reference	0.36	0.36	---	PASS
			30~1000	0.36	-43.26	≤ -19.64	PASS
			1000~26500	0.36	-23.98	≤ -19.64	PASS
		2437	Reference	1.87	1.87	---	PASS
			30~1000	1.87	-43.12	≤ -18.13	PASS
			1000~26500	1.87	-25.05	≤ -18.13	PASS
		2462	Reference	-0.44	-0.44	---	PASS
			30~1000	-0.44	-43.74	≤ -20.44	PASS
			1000~26500	-0.44	-23.46	≤ -20.44	PASS
11N40SISO	Ant1	2422	Reference	-4.10	-4.10	---	PASS
			30~1000	-4.10	-42.8	≤ -24.1	PASS



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			1000~26500	-4.10	-24.59	≤ -24.1	PASS
		2437	Reference	-2.67	-2.67	---	PASS
			30~1000	-2.67	-43.17	≤ -22.67	PASS
			1000~26500	-2.67	-24.43	≤ -22.67	PASS
		2452	Reference	-4.83	-4.83	---	PASS
			30~1000	-4.83	-43.75	≤ -24.83	PASS
			1000~26500	-4.83	-35.09	≤ -24.83	PASS



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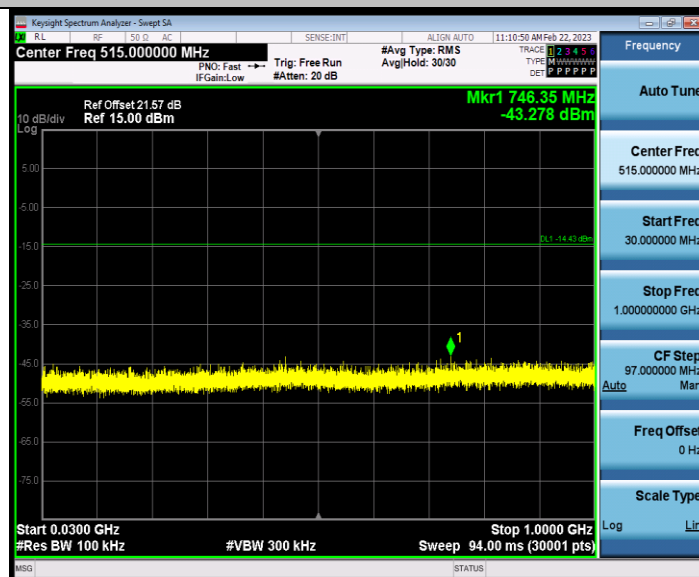
Test Report No.: W7L-P22110033RF02

TEST GRAPHS

11B_Ant1_2412_0~Reference



11B_Ant1_2412_30~1000

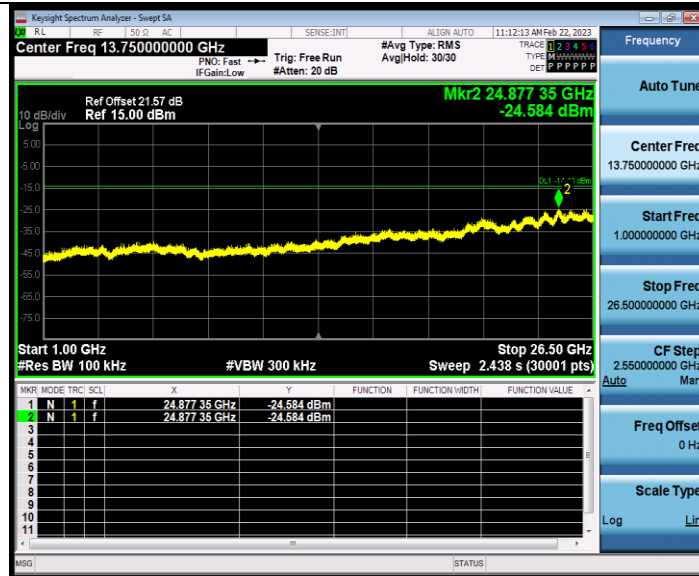


11B_Ant1_2412_1000~26500



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Test Report No.: W7L-P22110033RF02



11B_Ant1_2437_0~Reference

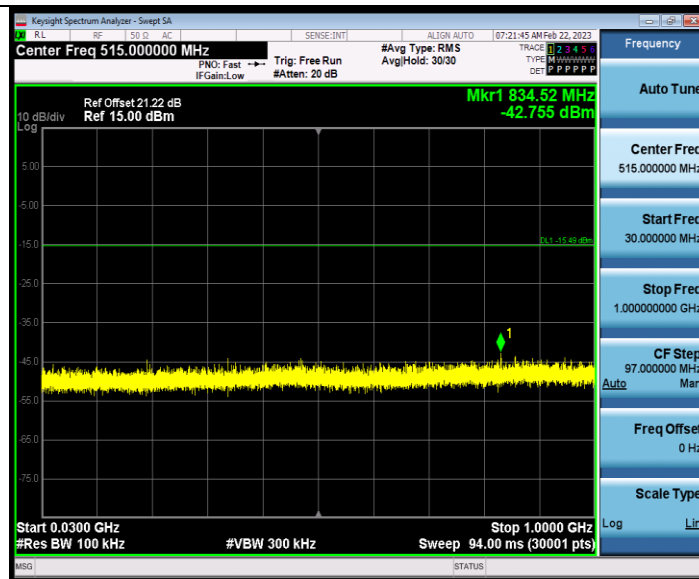


11B_Ant1_2437_30~1000

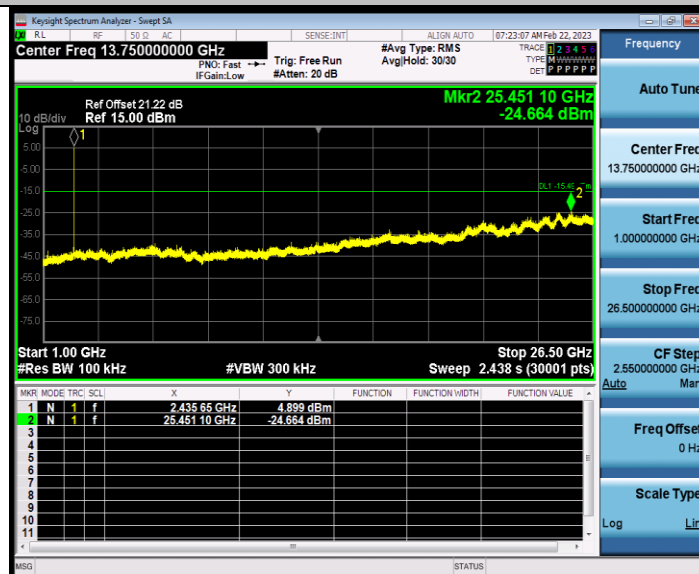


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Test Report No.: W7L-P22110033RF02



11B_Ant1_2437_1000~26500



11B_Ant1_2462_0~Reference