

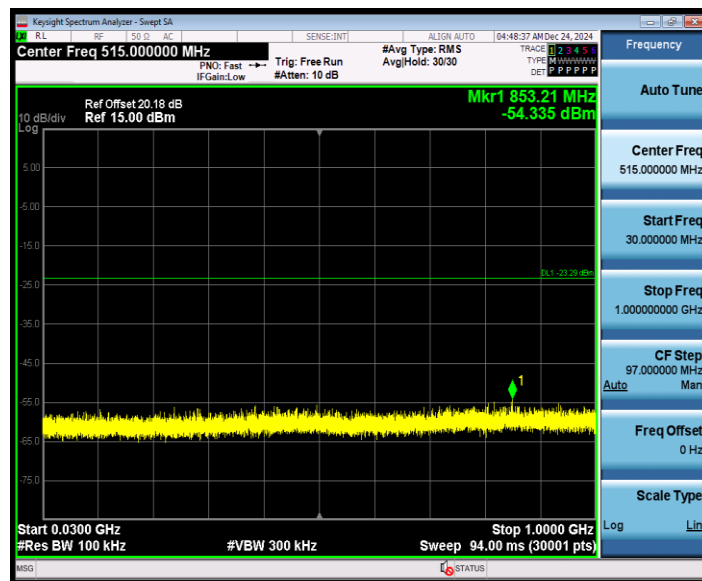


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Test Report No.: W7L-241112W001RF02



11B_Ant1_2462_30~1000



11B_Ant1_2462_1000~26500



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11G_Ant1_2412_0~Reference

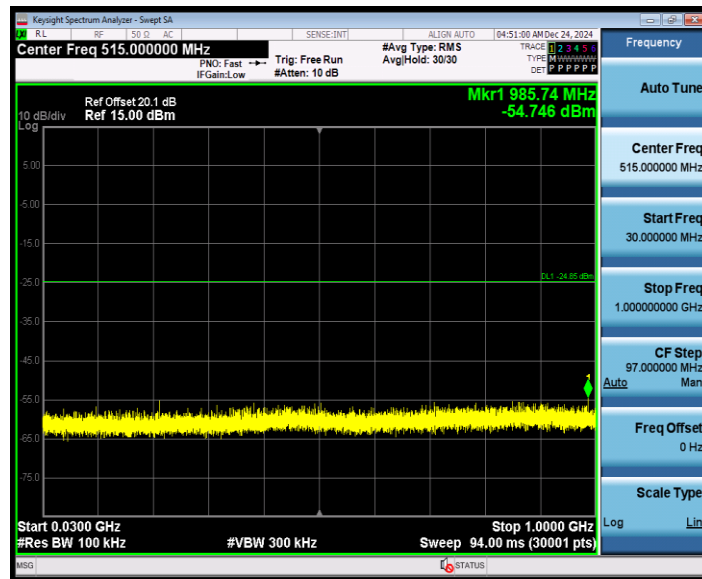


11G_Ant1_2412_30~1000



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11G_Ant1_2412_1000~26500



11G_Ant1_2437_0~Reference

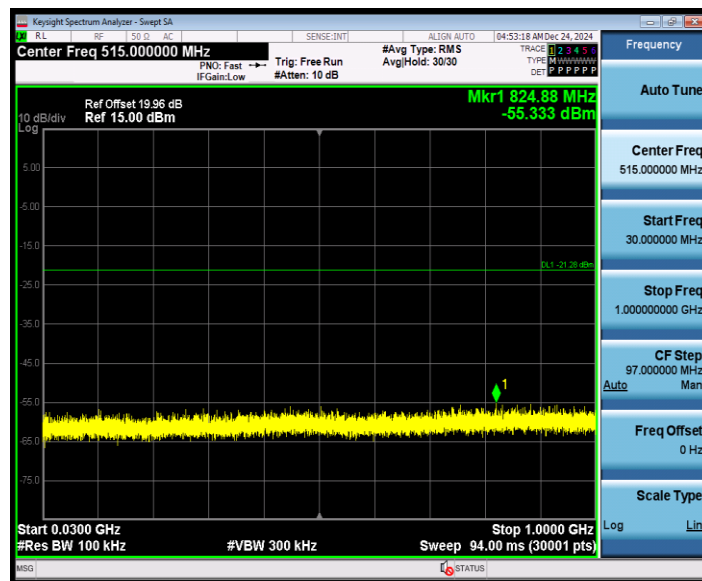


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Test Report No.: W7L-241112W001RF02



11G_Ant1_2437_30~1000



11G_Ant1_2437_1000~26500



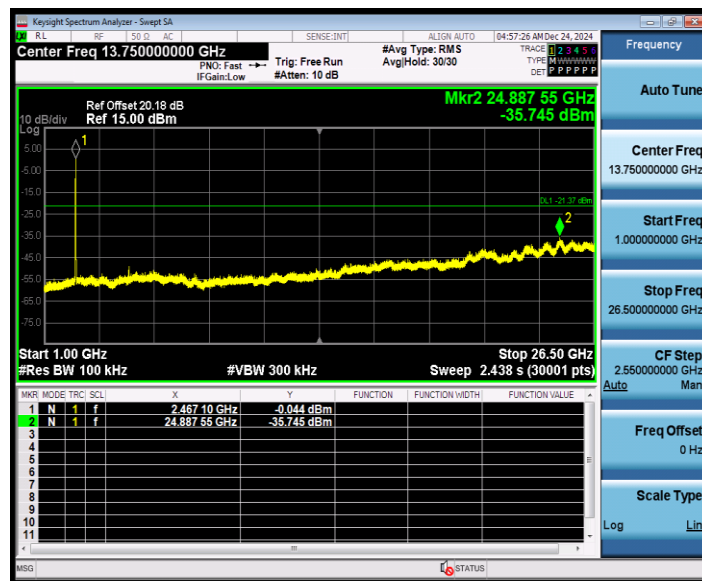


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11G_Ant1_2462_1000~26500



11N20SISO_Ant1_2412_0~Reference

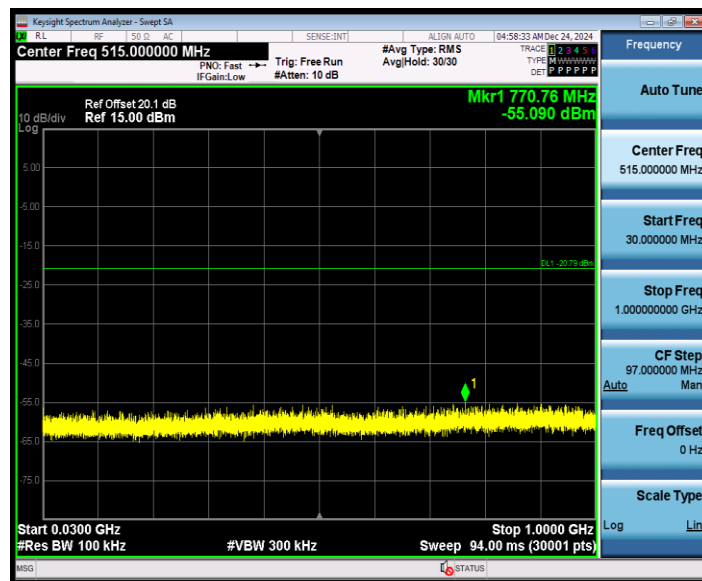


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Test Report No.: W7L-241112W001RF02



11N20SISO_Ant1_2412_30~1000

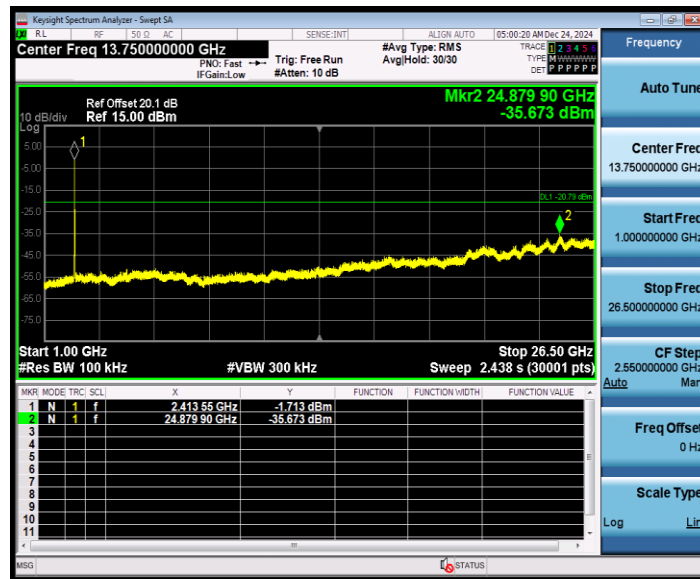


11N20SISO_Ant1_2412_1000~26500



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Test Report No.: W7L-241112W001RF02



11N20SISO_Ant1_2437_0~Reference

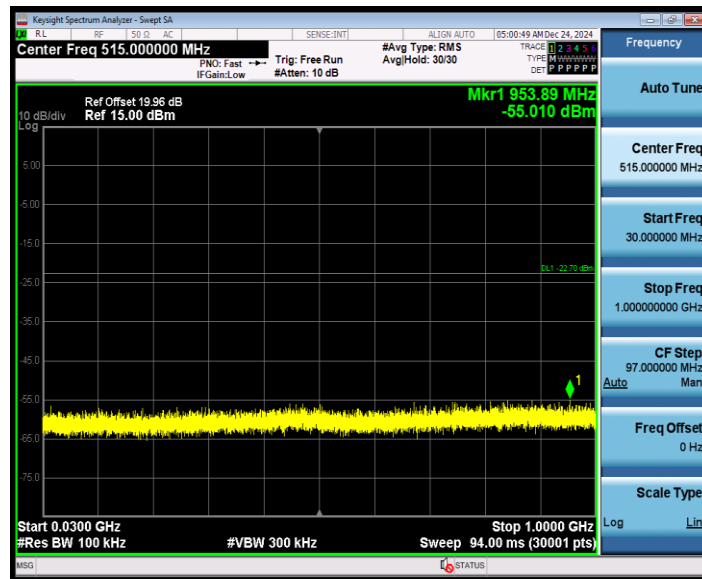


11N20SISO_Ant1_2437_30~1000



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Test Report No.: W7L-241112W001RF02



11N20SISO_Ant1_2437_1000~26500



11N20SISO_Ant1_2462_0~Reference

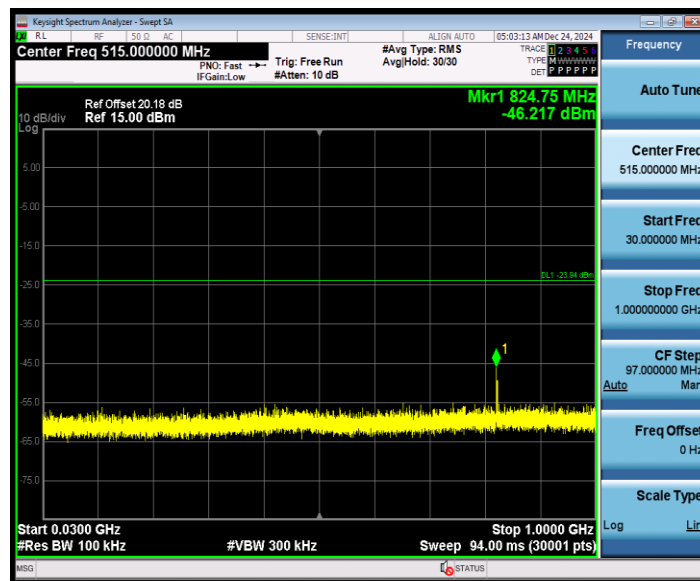


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Test Report No.: W7L-241112W001RF02



11N20SISO_Ant1_2462_30~1000



11N20SISO_Ant1_2462_1000~26500



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DUTY CYCLE

TEST RESULT

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Factor
11B	Ant1	2412	12.21	12.35	98.87	0.05
		2437	12.22	12.35	98.95	0.05
		2462	12.21	12.35	98.87	0.05
11G	Ant1	2412	2.03	2.05	99.02	0.04
		2437	2.03	2.05	99.02	0.04
		2462	2.03	2.05	99.02	0.04
11N20SISO	Ant1	2412	1.70	1.72	98.84	0.05
		2437	1.71	1.73	98.84	0.05
		2462	1.70	1.72	98.84	0.05

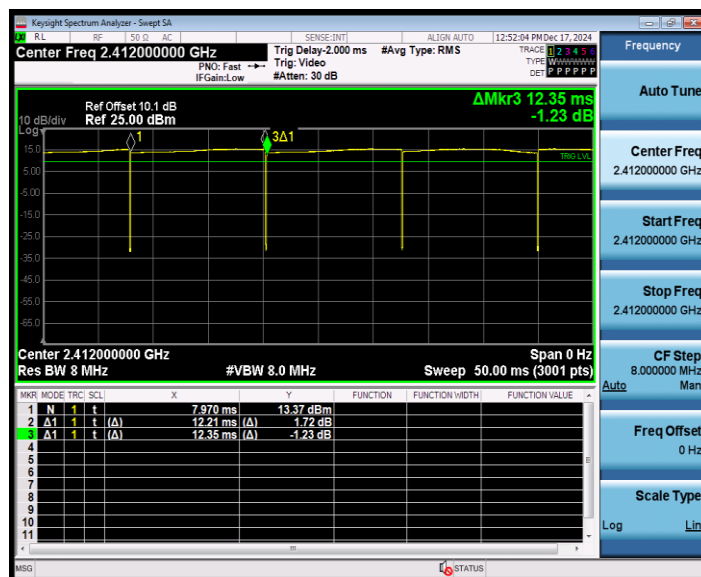


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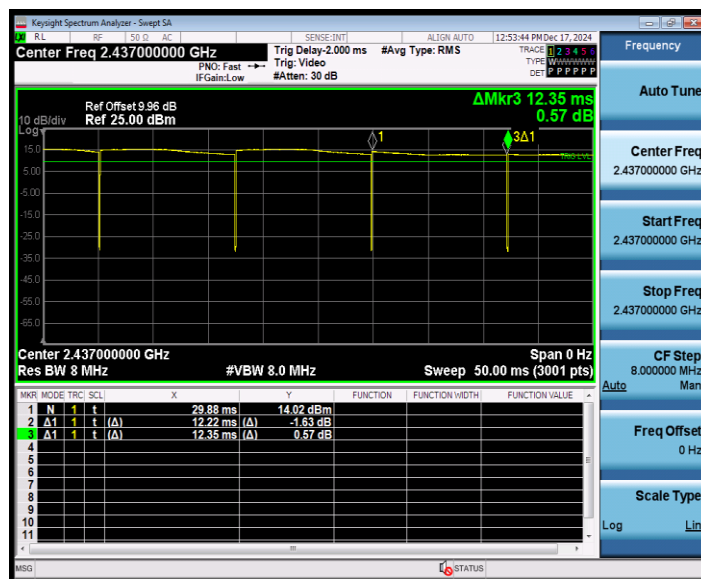
Test Report No.: W7L-241112W001RF02

TEST GRAPHS

11B_Ant1_2412



11B_Ant1_2437

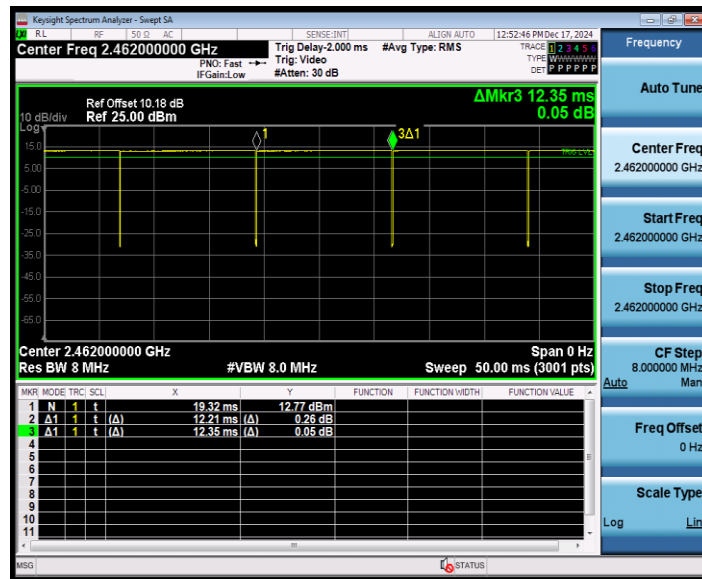


11B_Ant1_2462

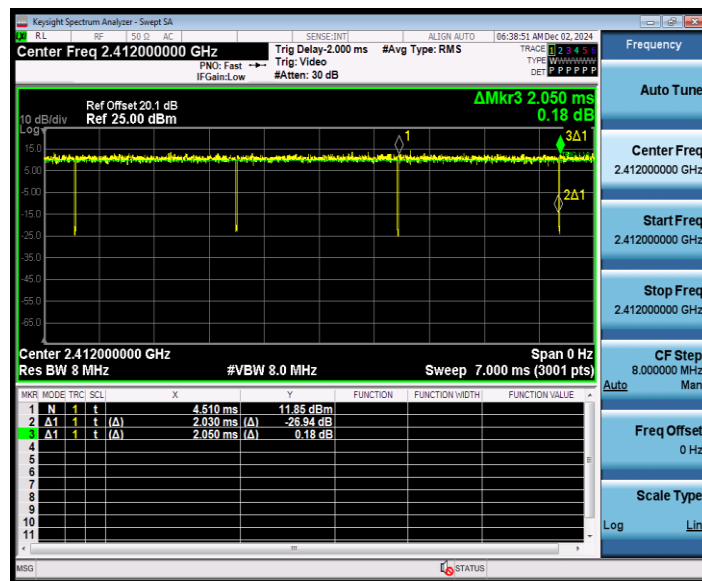


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Test Report No.: W7L-241112W001RF02



11G_Ant1_2412

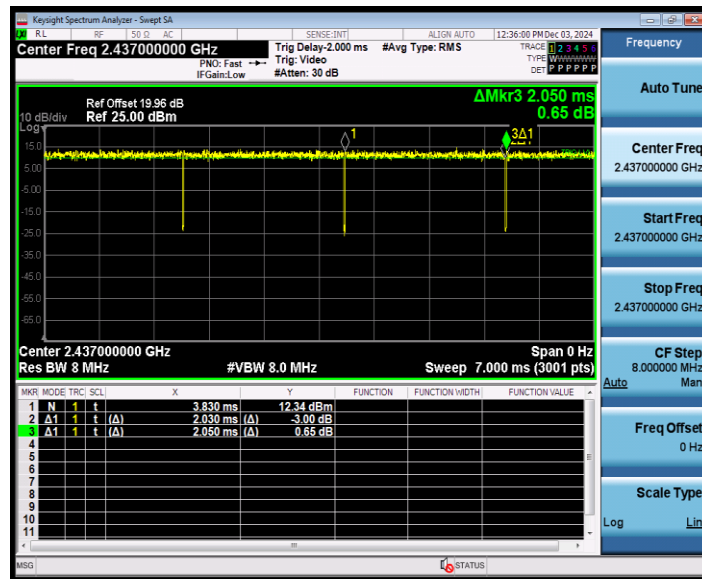


11G_Ant1_2437

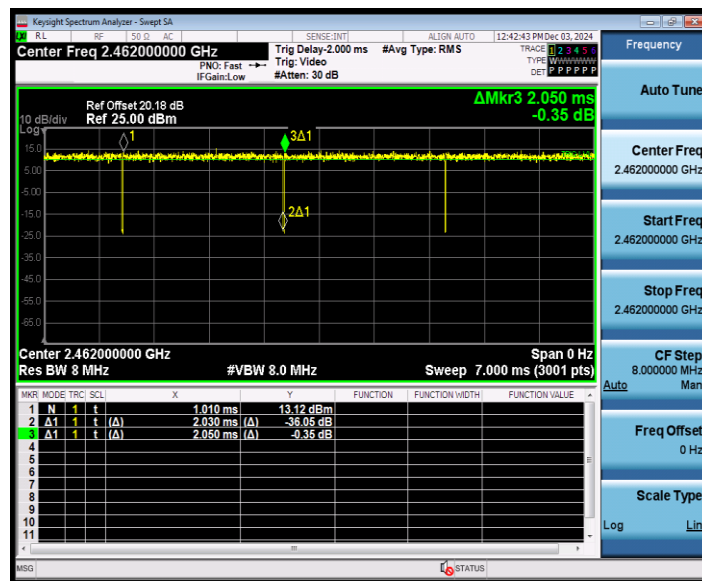


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Test Report No.: W7L-241112W001RF02



11G_Ant1_2462

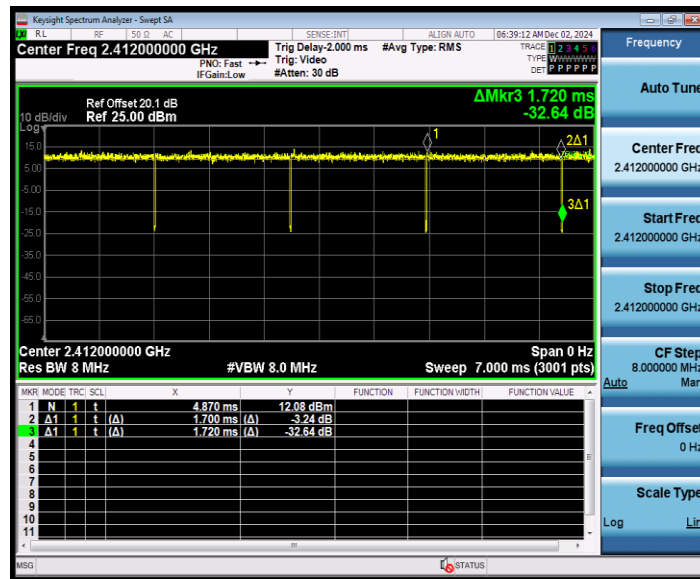


11N20SISO_Ant1_2412

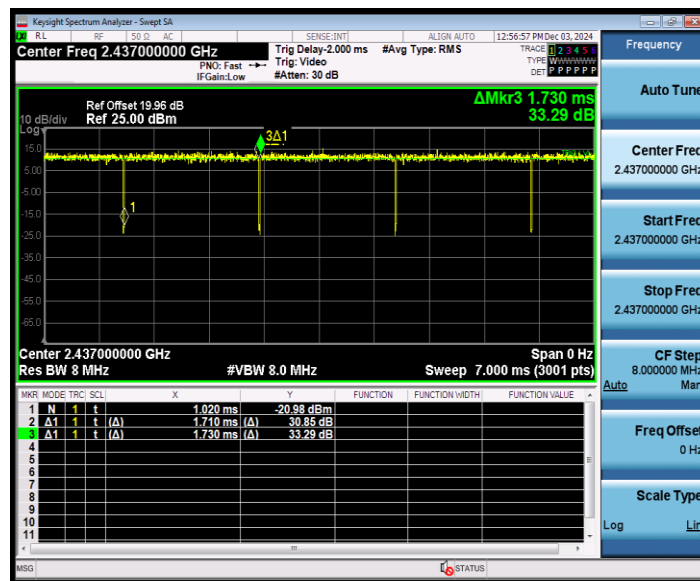


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Test Report No.: W7L-241112W001RF02



11N20SISO_Ant1_2437

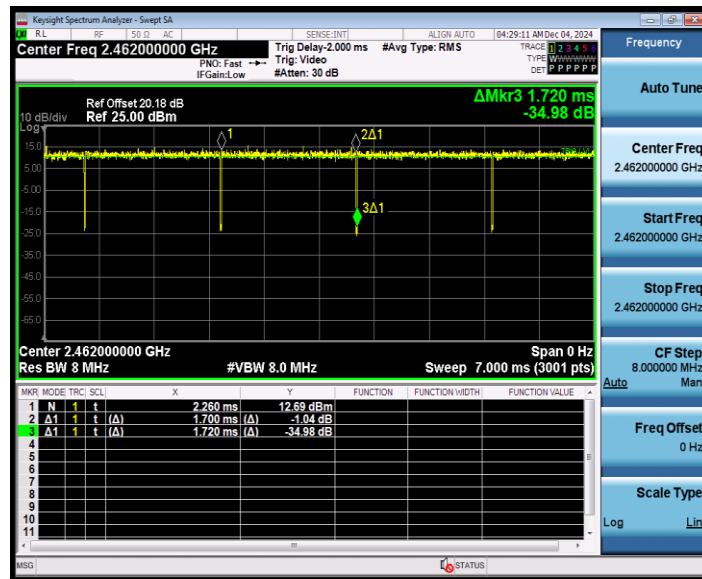


11N20SISO_Ant1_2462



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**LEFT****DTS BANDWIDTH****TEST RESULT**

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.120	2407.560	2416.680	0.5	PASS
		2437	9.080	2432.560	2441.640	0.5	PASS
		2462	8.600	2458.040	2466.640	0.5	PASS
11G	Ant1	2412	15.040	2404.600	2419.640	0.5	PASS
		2437	15.760	2429.520	2445.280	0.5	PASS
		2462	15.400	2454.840	2470.240	0.5	PASS
11N20SISO	Ant1	2412	15.640	2404.560	2420.200	0.5	PASS
		2437	14.760	2430.560	2445.320	0.5	PASS
		2462	15.720	2454.560	2470.280	0.5	PASS



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TEST GRAPHS

11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462



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11G_Ant1_2412



11G_Ant1_2437



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11G_Ant1_2462

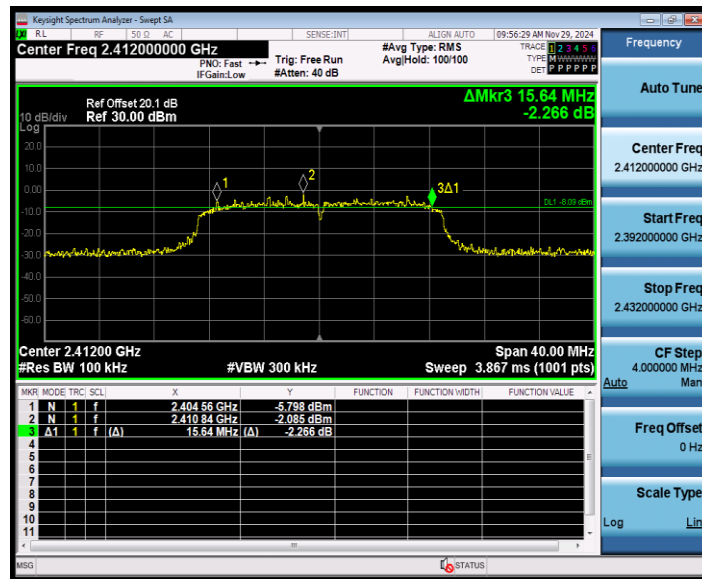


11N20SISO_Ant1_2412



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11N20SISO_Ant1_2437

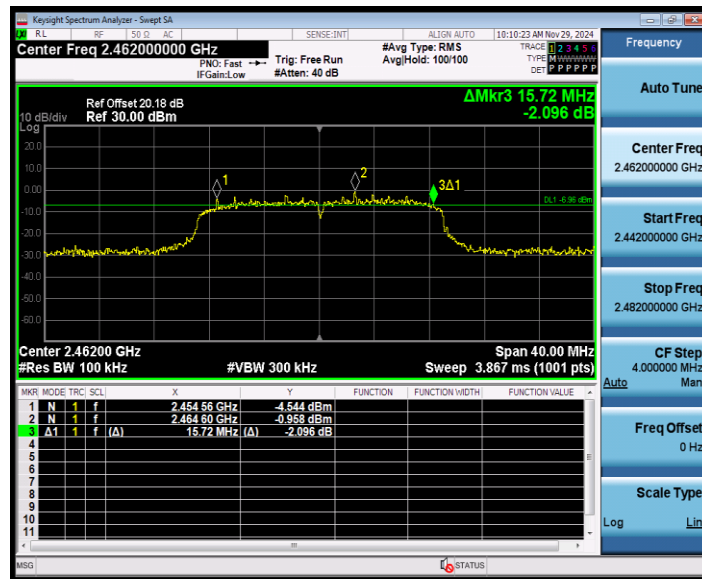


11N20SISO_Ant1_2462



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Email: customerservice.sw@bureauveritas.com



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OCCUPIED CHANNEL BANDWIDTH

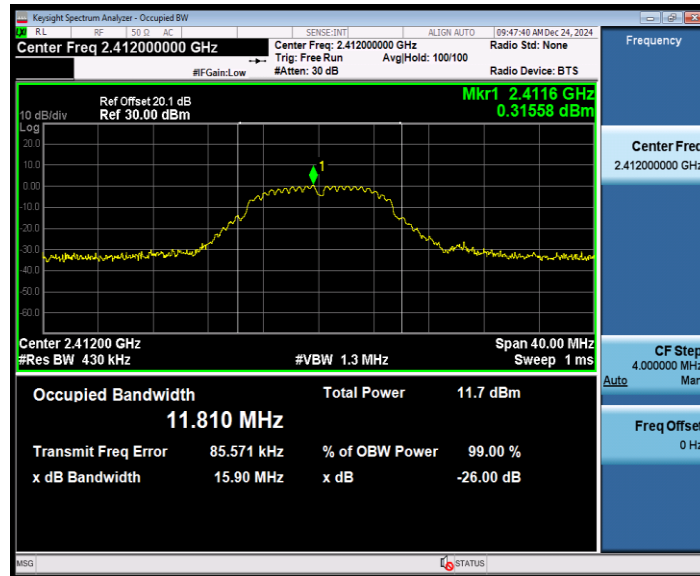
TEST RESULT

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	11.810	2406.1806	2417.9906	---	---
		2437	11.871	2431.2064	2443.0774	---	---
		2462	11.847	2456.2069	2468.0539	---	---
11G	Ant1	2412	18.268	2402.9859	2421.2539	---	---
		2437	18.604	2427.8553	2446.4593	---	---
		2462	18.009	2453.1509	2471.1599	---	---
11N20SISO	Ant1	2412	18.616	2402.9120	2421.5280	---	---
		2437	18.754	2427.8254	2446.5794	---	---
		2462	18.538	2452.8961	2471.4341	---	---

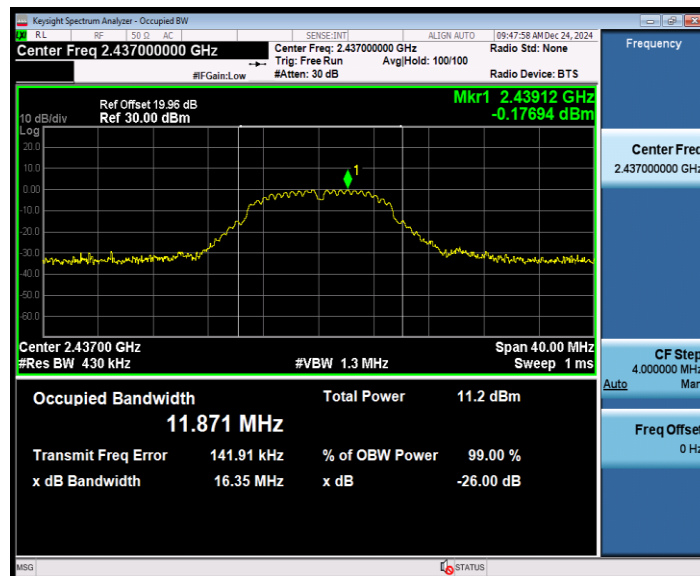


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TEST GRAPHS

11B_Ant1_2412



11B_Ant1_2437

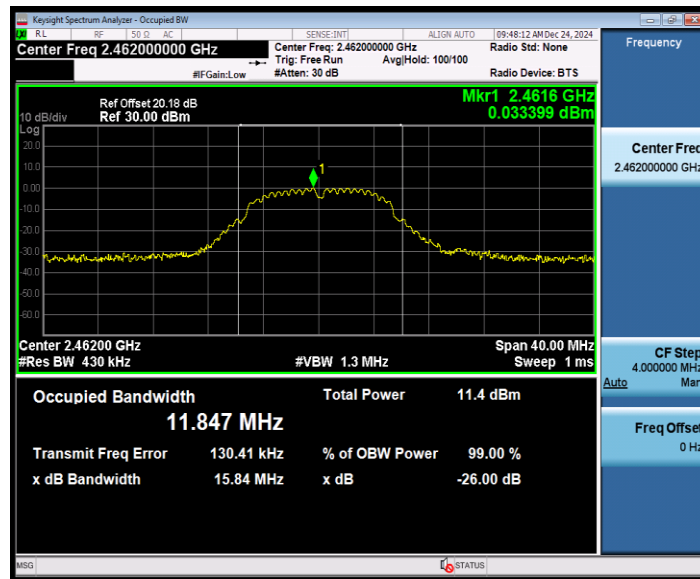


11B_Ant1_2462

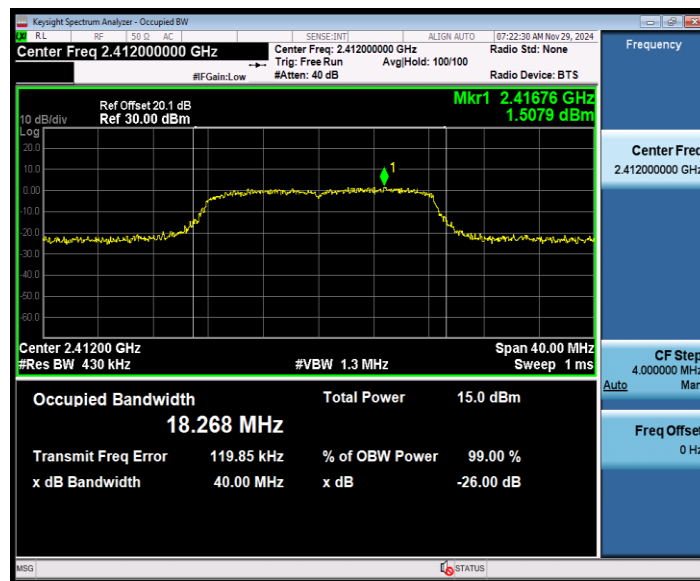


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11G_Ant1_2412



11G_Ant1_2437

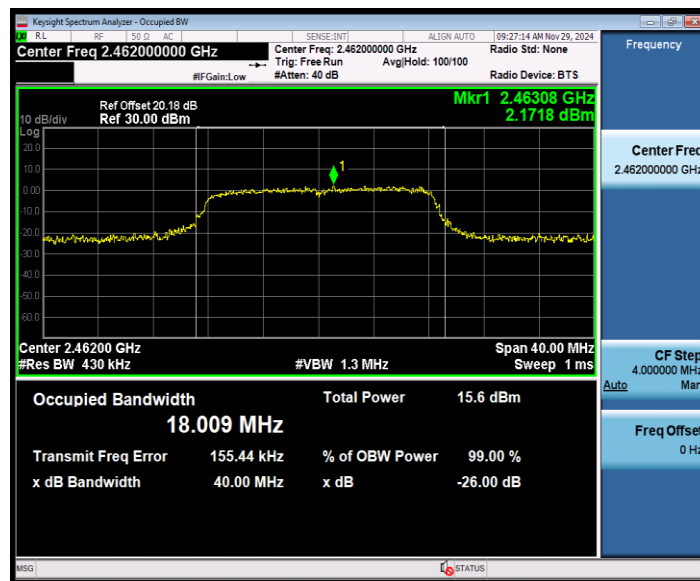


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11G_Ant1_2462



11N20SISO_Ant1_2412

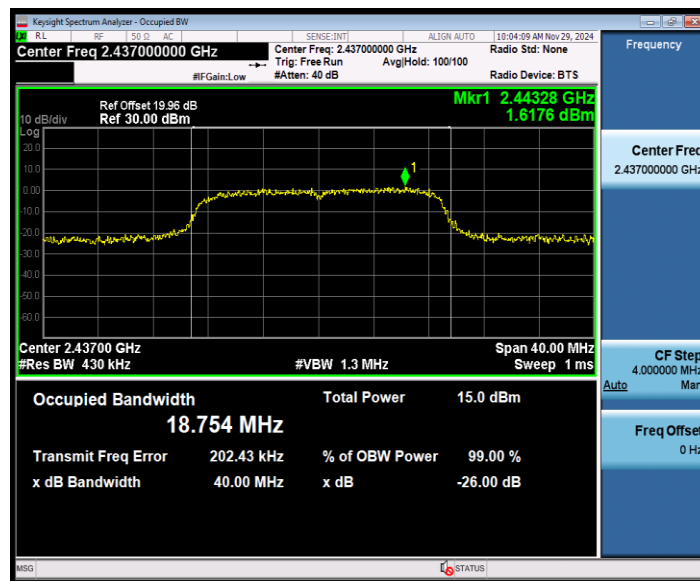


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11N20SISO_Ant1_2437



11N20SISO_Ant1_2462





Test Report No.: W7L-241112W001RF02

MAXIMUM CONDUCTED OUTPUT POWER

TEST RESULT

Test Mode	TX Mod.	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
11B	SISO	2412	ANT1	8.00	12.23	16.71	≤30.00	5.17	3.29	≤36.00	PASS	default
		2437	ANT1	7.92	12.15	16.41	≤30.00	5.09	3.23	≤36.00	PASS	default
		2462	ANT1	7.73	12.08	16.14	≤30.00	5.02	3.18	≤36.00	PASS	default
11G	SISO	2412	ANT1	7.79	12.42	17.46	≤30.00	5.36	3.44	≤36.00	PASS	default
		2437	ANT1	8.53	13.04	20.14	≤30.00	5.98	3.96	≤36.00	PASS	default
		2462	ANT1	8.52	12.98	19.86	≤30.00	5.92	3.91	≤36.00	PASS	default
11N20	SISO	2412	ANT1	7.58	12.43	17.50	≤30.00	5.37	3.44	≤36.00	PASS	default
		2437	ANT1	8.34	13.24	21.09	≤30.00	6.18	4.15	≤36.00	PASS	default
		2462	ANT1	8.26	13.06	20.23	≤30.00	6.00	3.98	≤36.00	PASS	default

Note: The Average power with duty cycle factor.

**MAXIMUM POWER SPECTRAL DENSITY****TEST RESULT**

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-13.48	≤8.00	PASS
		2437	-13.84	≤8.00	PASS
		2462	-12.89	≤8.00	PASS
11G	Ant1	2412	-15.42	≤8.00	PASS
		2437	-14.20	≤8.00	PASS
		2462	-13.77	≤8.00	PASS
11N20SISO	Ant1	2412	-16.24	≤8.00	PASS
		2437	-15.70	≤8.00	PASS
		2462	-14.94	≤8.00	PASS



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TEST GRAPHS

11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462

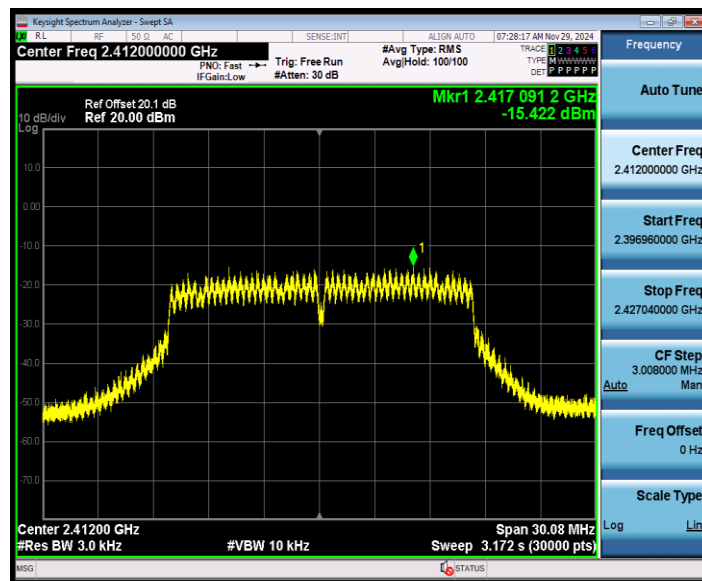


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11G_Ant1_2412

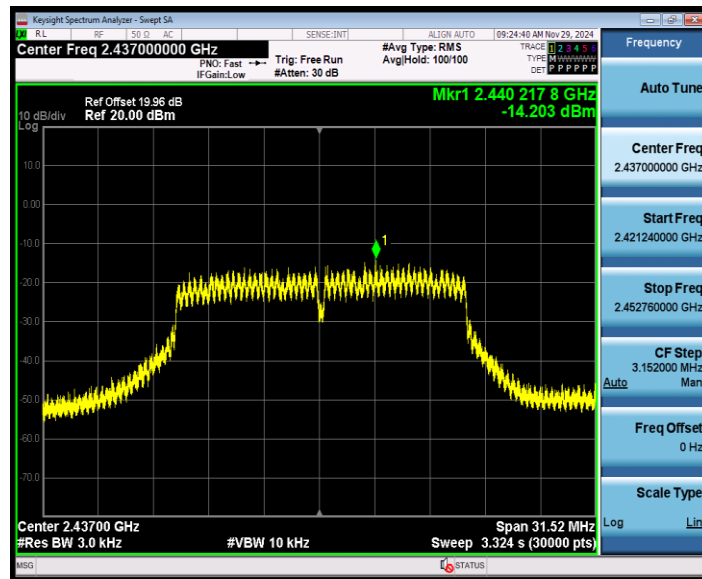


11G_Ant1_2437

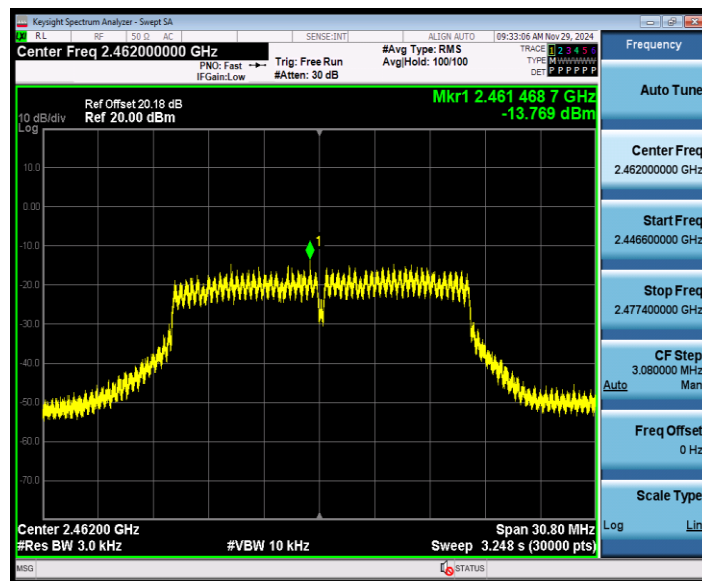


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Test Report No.: W7L-241112W001RF02



11G_Ant1_2462



11N20SISO_Ant1_2412