

RETLIF TESTING LABORATORIES

TABULAR DATA SHEET	
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TEST METHOD: Spurious Emissions at the Antenna Terminals - 30MHz to 9GHz

CUSTOMER: Cellular Specialties	JOB NO: R-3414N1
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TEST SAMPLE: Bidirectional Amplifier

MODEL NO: 310	SERIAL NO: 02503
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TEST SPECIFICATION: FCC Parts 2 and 90 (Special Mobile Radio)

OPERATING MODE: Continuously amplifying an input signal

TECHNICIAN: T. Cricco	DATE: 11/1/99
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NOTES: Measurements taken using a -31dBm input signal

Uplink	Test Frequencies	Harmonic Frequencies	Reading		Downlink	Test Frequencies	Harmonic Frequencies	Reading
	MHz	GHz	dBm			MHz	GHz	dBm
	806.0 1 1 1 1 1 1 1 1 806.0	0.806 1.612 2.418 3.224 4.030 4.836 5.642 6.448 7.254 8.060	25.2 -48.0 -48.0 -24.0 -49.0 >-50.0 >-50.0 >-50.0 >-50.0 >-50.0			851.0 1 1 1 1 1 1 1 1 851.0	0.851 1.702 2.553 3.404 4.255 5.106 5.957 6.808 7.659 8.510	23.7 -49.0 -15.0 -32.0 -35.0 -44.0 >-50.0 >-50.0 >-50.0 >-50.0
	813.5 1 1 1 1 1 1 1 1 813.5	0.8135 1.627 2.4405 3.254 4.0675 4.881 5.6945 6.508 7.3215 8.135	24.7 -46.0 -39.0 -19.0 -41.0 -47.0 >-50.0 >-50.0 >-50.0 >-50.0			858.5 1 1 1 1 1 1 1 1 858.5	0.8585 1.717 2.5755 3.434 4.2925 5.151 6.0095 6.868 7.7265 8.585	25.2 -46.0 -33.0 -30.0 -41.0 -45.0 >-50.0 >-50.0 >-50.0 >-50.0
	821.0 1 1 1 1 1 1 1 1 821.0	0.821 1.642 2.463 3.284 4.105 4.926 5.747 6.568 7.389 8.210	25.3 -47.0 -38.0 -26.0 -29.0 -38.0 -45.0 >-50.0 >-50.0 >-50.0			866.0 1 1 1 1 1 1 1 1 866.0	0.866 1.732 2.598 3.464 4.330 5.196 6.062 6.928 7.794 8.660	24.1 -49.0 -27.0 -49.0 -44.0 >-50.0 >-50.0 >-50.0 >-50.0 >-50.0

