

RETLIF TESTING LABORATORIES								
TABULAR DATA SHEET								
TEST METHOD: Spurious Emissions at the Antenna Terminals - 30MHz to 9GHz								
CUSTOMER: Cellular Specialties				JOB NO: R-3414N1				
TEST SAMPLE: Bidirectional Amplifier								
MODEL NO: 310				SERIAL NO: 02503				
TEST SPECIFICATION: FCC Parts 2 and 90 (Special Mobile Radio)								
OPERATING MODE: Continuously amplifying an input signal								
TECHNICIAN: T. Cricco				DATE: 11/1/99				
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 -33.0 -9.40 -28.7 -51.0 -57.0 -55.7 -61.3 -61.2 >-66.0			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 -38.0 -13.5 -41.9 -57.5 -62.7 >-73.0 -64.8 >-66.0 >-66.0
	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 -33.7 -11.6 -26.2 -49.8 -56.2 -67.9 -66.0 -63.9 >-66.0			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 -35.2 -9.70 -43.1 -58.9 -59.8 -70.0 -62.7 -64.5 >-65.0
	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 -33.2 -7.80 -29.1 -37.6 -53.5 -50.4 -60.5 >-65.0 >-65.0			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 -35.7 -16.1 -53.1 -54.9 -61.1 >-70.0 -66.3 -62.1 >-66.0
EUT emissions observed throughout the given frequency spectrum were recorded and evaluated.								

