

**RETLIF TESTING LABORATORIES**

**TEST METHOD:** Spurious Radiated Emissions 30MHz to 9GHz

**CUSTOMER:** Cellular Specialities

**JOB NO:** R-3414N1

**TEST SAMPLE:** Bidirectional Amplifier

**MODEL NO:** 310

**SERIAL NO:** 02503

**TEST SPECIFICATION:** FCC Part 2 and 90 (Special Mobile Radio)

**OPERATING MODE:** Continuously amplifying an input signal.

**TECHNICIAN:** T. Hannemann

**DATE:** 10/27/1999

**NOTES:** Test Distance = 3 meters

UPLINK	TEST FREQUENCY	HARMONIC FREQUENCIES	READING	DOWNLINK	TEST FREQUENCY	HARMONIC FREQUENCIES	READING	
	MHz	GHz	dBuV/m		MHz	GHz	dBuV/m	
	806.0	0.806	63.0		851.0	0.851	58.8	
		1.612	-			1.702	-	
		2.418	-			2.553	-	
		3.224	-			3.404	-	
		4.030	-			4.255	-	
		4.836	-			5.106	-	
		5.642	-			5.957	-	
		6.448	-			6.808	-	
		7.254	-			7.659	-	
	806.0	8.060	-		851.0	8.510	-	
	813.5	0.8135	70.6		858.5	0.8585	55.1	
		1.627	-			1.717	-	
		2.4405	-			2.5755	-	
		3.254	-			3.434	-	
		4.0675	-			4.2925	-	
		4.881	-			5.151	-	
		5.6945	-			6.0095	-	
		6.508	-			6.868	-	
		7.3215	-			7.7265	-	
	813.5	8.135	-		858.5	8.585	-	
	821.0	0.821	69.2		866.0	0.866	52.8	
		1.642	-			1.732	-	
		2.463	-			2.598	-	
		3.284	-			3.464	-	
		4.105	-			4.330	-	
		4.926	-			5.196	-	
		5.747	-			6.062	-	
		6.568	-			6.928	-	
		7.389	-			7.794	-	
	821.0	8.210	-		866.0	8.660	-	

EUT emissions observed throughout the given frequency spectrum were recorded and evaluated.

