

COMPLIANCE ENGINEERING SERVICES, INC.															
Radiated Emissions										08/27/99					
15.209										Jesse Saldivar					
										C site (1.5 Meter)					
Utilicom															
LR2050 w/ OD9-2400 Antenna CH:05															
$f_o = 2407.78$ MHz															
F(MHz)	READING		AF	CL	AMP	DIST	HPF	TOTAL		LIMIT		MARGIN			
	(dBuV)		(dB)	(dB)	(dB)	(dB)	(dB)	(dBuV/m)		(dBuV/m)		(dB)			
	Pk	Avg						Pk	Avg	Pk	Avg	Pk	Avg		
4815.56	54.9	50.88	35.2	5.25	-35	-10	1	50.9	46.88	74	54	-23.1	-7.12		
7223.34	51	42.8	41.5	7	-35	-10	1	55.05	46.85	74	54	-19	-7.15		
9631.12	50.58	45.42	41.8	7.87	-35	-10	1	55.8	50.64	74	54	-18.2	-3.36		
12038.9	47.34	34.43	42	8.75	-35	-20	1	44.09	31.18	74	54	-29.9	-22.8		
14446.68	48.55	37.05	46.5	10.5	-35	-20	1	51.55	40.05	74	54	-22.5	-14		
16854.44	50.92	38.52	46.4	11.37	-35	-20	1	54.69	42.29	74	54	-19.3	-11.7		
NOTE: ALL READINGS ARE VERTICAL										ANALYZER SETTINGS					
DIST: Correction to extrapolate reading to 3m specification distance										<u>Res bw</u>		<u>Avg. bw</u>			
1.0M measurement distance: -10.45dB										PEAK(Pk):		1MHz		1MHz	
AF: Antenna Factor										AVERAGE(Avg):		1MHz		10Hz	
AMP: Pre-amp gain															
CL: Cable loss															
HPF: High pass filter insertion loss (4.6GHz)										FSY (S/N: 001)					