

High

		FCC Measurement													
Compliance Certification Services, Morgan Hill Open Field Site															
Customer		11/20/02													
Cable length															
16.0		feet													
Distance to Antenna															
3.3		feet													
Average Measurements:				Peak Measurements:											
1 MHz Resolution Bandwidth				1MHz Resolution Bandwidth											
10Hz Video Bandwidth				1MHz Video Bandwidth											
Spurious Emis 11															
f	Peak R.	Avg. R.	AF	CL	Amp	D Corr	HPF	Peak	Avg	Pk Lim	Avg Lim	Peak Mar	Avg Mar	Notes	
GHz	dBuV	dBuV	dB/m	dB	dB	dB	dB	dBuV/m	dBuV/m	dBuV/m	dBuV/m	dB	dB		
2.922	40.1	32.6	29.8	4.4	-36.1	-9.5	1.0	29.7	22.2	74.0	54.0	-44.3	-31.8	V NF	
3.896	45.6	33.0	32.4	5.3	-36.2	-9.5	1.0	38.6	26.0	74.0	54.0	-35.4	-28.0	V NF	
4.870	46.2	34.0	32.7	6.1	-36.3	-9.5	1.0	40.2	28.0	74.0	54.0	-33.8	-26.0	V NF	
2.922	40.5	32.6	29.8	4.4	-36.1	-9.5	1.0	30.1	22.2	74.0	54.0	-43.9	-31.8	H NF	
3.896	40.5	32.6	32.4	5.3	-36.3	-9.5	1.0	33.4	25.5	74.0	54.0	-40.6	-28.5	H NF	
4.870	36.0	33.0	32.7	6.1	-36.4	-9.5	1.0	29.9	26.9	74.0	54.0	-44.1	-27.1	H NF	
5.820	36.8	33.0	32.5	6.9	-36.5	-9.5	1.0	31.2	27.4	74.0	54.0	-42.8	-26.6	H NF	
Spurious Emission 20 dB below the Limit level															
Note: NF--Noise Floor level															
f	Measurement Frequency					HPF			High Pass filter						
Peak R.	Analyzer Peak Reading					Peak			Calculated peak field Strength						
Avg. R.	Analyzer Avg. Reading					Avg			Calculated average field Strength						
AF	Antenna Factor					Pk Lim			Peak Field Strength Limit						
CL	Cable Loss					Avg Lim			Average Field Strength Limit						
Amp	Pre amp gain					Pk Mar			Margin vs. Peak Limit						
D Corr	Discrections to 3 meter					Avg Mar			Margin vs. Average Limit						