

low

		FCC Measurement														
Compliance Certification Services, Morgan Hill Open Field Site																
Customer: TOM						11/20/02										
Antenna No 5: MT-484006 (16dBi)																
		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								
Low Channel:																
5728MHz																
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			
5.728	93.7	82.7	34.4	6.8	0.0	-9.5	0.0	125.4	114.4	74.0	54.0	51.4	60.4	V		
5.728	75.5	65.2	34.4	6.8	0.0	-9.5	0.0	107.2	96.9	74.0	54.0	33.2	42.9	H		
11.457	38.5	27.0	39.1	9.9	-36.4	-9.5	1.0	42.6	31.1	74.0	54.0	-31.4	-22.9	V NF		
11.457	37.0	26.0	39.1	9.9	-36.4	-9.5	1.0	41.1	30.1	74.0	54.0	-32.9	-23.9	H NF		
17.184	40.5	29.5	43.9	13.2	-37.0	-9.5	1.0	52.1	41.1	74.0	54.0	-21.9	-12.9	V NF		
17.184	41.0	30.0	32.5	13.2	-37.0	-9.5	1.0	41.2	30.2	74.0	54.0	-32.8	-23.8	H NF		
20.000	57.0	40.0	32.5	5.0	-39.0	-9.5	1.0	47.0	30.0	74.0	54.0	-27.0	-24.0	H NF		
22.000	57.0	40.0	32.5	5.0	-39.0	-9.5	1.0	47.0	30.0	74.0	54.0	-27.0	-24.0	H NF		
26.000	57.0	40.0	32.5	5.0	-39.0	-9.5	1.0	47.0	30.0	74.0	54.0	-27.0	-24.0	H NF		
Spurious emission 20dB below the limit 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				