

low

		FCC Measurement														
Compliance Certification Services, Morgan Hill Open Field Site																
Customer: TOM						11/20/02										
Antenna No 4: Radiowave SEC-5V-120-14																
		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	92.2	80.2	34.4	6.8	0.0	-9.5	0.0	123.9	111.9	74.0	54.0	49.9	57.9	V		
5.728	75.5	64.5	34.4	6.8	0.0	-9.5	0.0	107.2	96.2	74.0	54.0	33.2	42.2	H		
11.457	41.0	29.0	39.1	9.9	-36.4	-9.5	1.0	45.1	33.1	74.0	54.0	-28.9	-20.9	V NF		
11.457	38.0	28.0	39.1	9.9	-36.4	-9.5	1.0	42.1	32.1	74.0	54.0	-31.9	-21.9	H NF		
17.184	42.0	30.0	43.9	13.2	-37.0	-9.5	1.0	53.6	41.6	74.0	54.0	-20.4	-12.4	V NF		
17.184	40.0	29.0	32.5	13.2	-37.0	-9.5	1.0	40.2	29.2	74.0	54.0	-33.8	-24.8	H NF		
18.000	57.0	40.0	32.5	5.0	-39.0	-20.0	1.0	36.5	19.5	74.0	54.0	-37.5	-34.5	V&H NF		
22.000	57.0	40.0	32.5	5.0	-39.0	-20.0	1.0	36.5	19.5	74.0	54.0	-37.5	-34.5	V&H NF		
26.000	57.0	40.0	32.5	5.0	-39.0	-20.0	1.0	36.5	19.5	74.0	54.0	-37.5	-34.5	V&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	Discorrections to 3 meter								Avg Mar	Margin vs. Average Limit						