

low

		FCC Measurement													
Compliance Certification Services, Morgan Hill Open Field Site															
Customer: TOM						11/20/02									
Antenna No 3: SCC55D90-16 (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	94.8	83.9	34.4	6.8	0.0	-9.5	0.0	126.5	115.6	74.0	54.0	52.5	61.6	V	
5.728	76.2	65.0	34.4	6.8	0.0	-9.5	0.0	107.9	96.7	74.0	54.0	33.9	42.7	H	
11.457	45.8	35.0	39.1	9.9	-39.6	-9.5	1.0	46.7	35.9	74.0	54.0	-27.3	-18.1	V	
11.457	39.0	28.0	39.1	9.9	-39.6	-9.5	1.0	39.9	28.9	74.0	54.0	-34.1	-25.1	H NF	
17.184	41.6	29.7	43.9	13.2	-44.1	-9.5	1.0	46.2	34.3	74.0	54.0	-27.8	-19.7	V NF	
17.184	40.2	29.5	32.5	13.2	-44.1	-9.5	1.0	33.4	22.7	74.0	54.0	-40.6	-31.3	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	
20.000	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						