

low

		FCC Measurement													
Compliance Certification Services, Morgan Hill Open Field Site															
Customer: TOM--Aperto						12/22/02									
Antenna #1--SEC 550-90-16															
		Cable length													
		12.0		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:													
		5728.00													
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	83.8	34.4	5.1	0.0	-9.5	0.0	123.7	113.8	74.0	54.0	49.7	59.8	V , Fundamental	
5.728	80.7	72.0	34.4	5.1	0.0	-9.5	0.0	110.7	102.0	74.0	54.0	36.7	48.0	H , Fundamental	
11.456	47.8	35.2	39.1	7.4	-37.2	-9.5	1.0	48.6	36.0	74.0	54.0	-25.4	-18.0	V, Noise Floor	
11.456	47.1	35.2	39.1	7.4	-37.2	-9.5	1.0	47.9	36.0	74.0	54.0	-26.1	-18.0	H, Noise Floor	
17.184	50.9	39.2	43.9	9.9	-38.0	-9.5	1.0	58.2	46.5	74.0	54.0	-15.8	-7.5	V, Noise Floor	
17.184	50.7	39.2	43.9	9.9	-38.0	-9.5	1.0	58.0	46.5	74.0	54.0	-16.0	-7.5	H, Noise Floor	
22.912	51.5	41.3	46.6	12.4	-39.0	-9.5	1.0	63.0	52.8	74.0	54.0	-11.0	-1.2	V, Noise Floor	
22.912	52.5	41.0	46.6	12.4	-39.0	-9.5	1.0	64.0	52.5	74.0	54.0	-10.0	-1.5	H, Noise Floor	
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						