

COMPLIANCE ENGINEERING SERVICES, INC.													
Harmonic Emissions											3/17/00		
15.249(a)											Juan Martinez		
											A site (1.0 Meter)		
Trimble													
(BOB)													
f _o = 916.2 MHz													
F(MHz)	READING		AF	CL	AMP	DIST	HPF	TOTAL		LIMIT		MARGIN	
	(dBuV)		(dB)	(dB)	(dB)	(dB)	(dB)	(dBuV/m)		(dBuV/m)		(dB)	
	Pk	Avg						Pk	Avg	Pk	Avg	Pk	Avg
2794	51.9	46.8	29	3.62	-42.17	-15.5	1	27.85	22.75	74	54	-46.2	-31.3
3665	44.29		31.8	5.03	-42.02	-9.5	1	30.6			54		-23.4
4582	43.42		32	5.63	-41.78	-9.5	1	30.77			54		-23.2
5498	44.27		31.2	6.03	-41.65	-9.5	1	31.35			54		-22.7
6414	43.79		34	6.63	-41.52	-9.5	1	34.4			54		-19.6
7330	48		37	7.03	-41.43	-9.5	1	42.1			54		-11.9
8246	48.69		37.1	8.04	-39.8	-9.5	1	45.53			54		-8.47
9162	45.54		38	8.44	-39.4	-9.5	1	44.08			54		-9.92
NOTE: ALL READINGS ARE VERTICAL										ANALYZER SETTINGS			
DIST: Correction to extrapolate reading to 3m specification distance										Res bw		Avg. bw	
1.5ft measurement distance:		-15.56 dB					PEAK(Pk):		1MHz		1MHz		
							AVERAGE(Avg):		1MHz		10Hz		
AF: Antenna Factor													
AMP: Pre-amp gain													
CL: Cable loss													
HPF: High pass filter insertion loss (1.802GHz)						FSY (S/N: 001)							