

COMPLIANCE ENGINEERING SERVICES, INC.											
Radiated Emissions									01/04/2000		
15.231 (B)									PETE KREBILL		
									C-SITE		
ADVANCED SECURITY											
433.92MHz TX M/N:6906											
All measurements were taken with EUT in X, Y, & Z axis orientations with measurement antenna in horizontal and vertical polarity. X axis with horizontal polarity produced highest emissions. P Readings shown are peak emissions which pass the average limits.											
F(MHz)	READING	AF	CL	AMP	DIST	HPF	TOTAL	LIMIT	MARGIN	NOTE	
	(dBuV)	(dB)	(dB)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/m)	(dB)		
	Pk						Pk	Ave	Pk		
434.045	55.76	15.97	3.24	-27.46	0	0	47.51	80.8	-33.3	X, HOR	
868.05	30.17	21.31	4.82	-27.53	0	0	28.77	60.8	-32.0	X, HOR	
*1302	50.5	24.7	2.55	-35	-9.5	0	33.25	54	-20.8	HOR	
*1736	45.7	26.2	2.55	-35	-9.5	0	29.95	60.1	-30.2	HOR	
*2170	44.9	28.1	3.23	-35	-9.5	0	31.73	60.1	-28.4	HOR	
*2604	44.9	29.2	3.48	-35	-9.5	0	33.08	60.1	-27	HOR	
*3038	44.3	31	3.74	-35	-9.5	0	34.54	60.1	-25.6	HOR	
*3472	43.2	33	4.25	-35	-9.5	0	35.95	60.1	-24.2	HOR	
*3906	43.1	32	4.76	-35	-9.5	0	35.36	54	-18.6	HOR	
*4340	42.5	32.4	5	-35	-9.5	0	35.4	54	-18.6	HOR	
* Measured noise floor											
ANALYZER SETTINGS											
DIST: Correction to extrapolate reading to 3m specification distance								<u>Res bw</u>		<u>Avg. bw</u>	
1M measurement distance: -9.5dB								PEAK(Pk): 100KHz		100KHz BELOW 1GHz	
AF: Antenna Factor								AVERAGE(Avg): 100KHz		10Hz BELOW 1GHz	
AMP: Pre-amp gain								PEAK(Pk): 1MHz		1MHz ABOVE 1GHz	
CL: Cable loss (17ft)								AVERAGE(Avg): 1MHz		10Hz ABOVE 1GHz	
HPF: High pass filter insertion loss (1.8GHz)											