

<b>COMPLIANCE ENGINEERING SERVICES, INC.</b>											
Radiated Emissions									01/04/2000		
15.231 (B)									PETE KREBILL		
									C-SITE		
<b>ADVANCED SECURITY</b>											
433.92MHz TX M/N:6703											
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)		
	<b>Pk</b>						<b>Pk</b>	<b>Ave</b>	<b>Pk</b>		
434.045	58.03	15.97	3.24	-27.46	0	0	49.78	80.8	-31	X, HOR	
868.05	30.22	21.31	4.82	-27.53	0	0	28.82	60.8	-32	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	
<b>* Measured noise floor</b>											
								<b>ANALYZER SETTINGS</b>			
<b>DIST:</b> Correction to extrapolate reading to 3m specification distance								<u>Res bw</u>	<u>Avg. bw</u>		
1M measurement distance: <b>-9.5dB</b>								<b>PEAK(Pk):</b>	<b>100KHz</b>	<b>100KHz BELOW 1GHz</b>	
<b>AF:</b> Antenna Factor								<b>AVERAGE(Avg):</b>	<b>100KHz</b>	<b>10Hz</b>	<b>BELOW 1GHz</b>
<b>AMP:</b> Pre-amp gain								<b>PEAK(Pk):</b>	<b>1MHz</b>	<b>1MHz</b>	<b>ABOVE 1GHz</b>
<b>CL:</b> Cable loss (17ft)								<b>AVERAGE(Avg):</b>	<b>1MHz</b>	<b>10Hz</b>	<b>ABOVE 1GHz</b>
<b>HPF:</b> High pass filter insertion loss (1.8GHz)											