

Hyak Laboratories, Inc.

RADIATED EMISSIONS DATA
Antenna: Dipoles/DRG Horn
Model: TransPonditV4; S/N 0700939

Applicant: Advanced Technology Ramar Ltd.
EUT: Data Transceiver
Test Date: 5 August 2002

Radiated Emission

<u>Frequency</u> <u>MHz</u>	<u>Antenna</u> <u>H/V</u>	<u>Detector</u> ¹	<u>Ant.</u> <u>Factor</u> <u>dB</u>	<u>Peak</u> <u>Reading</u> <u>dBm</u>	<u>Emission</u> <u>uV/m@3m</u>	<u>FCC Limit</u> <u>uV/m@3m</u>
919.815	V	P	30.9	-44.53	46612	50000
1839.652	V	P	32.8	-89.99	309	500
2760.046	H	P	34.3	-94.87	210	500
919.825	V	QP	30.9	-46.17	38592	50000

No measurable emissions above 3 GHz

NOTE 1: P = Peak
QP = Quasi-Peak

EQUIPMENT:

HP 8596E Spectrum Analyzer
Electro-Metrics 3121C Dipole Antenna
Emco 3115 Horn Antenna

SITE: Carl T. Jones, Springfield, Virginia; Site # 90490