3.7 Test Results

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The frequency and amplitude of the highest AC radiated emissions relative to the limit is reported. All the emissions not reported below are too low against the FCC limit.

EUT	:	UHF/IR Remote Controller	Temperature :	21
Model No.	:	1.51DBS	Humidity :	53%
Test Mode (Attitude)	:	Transmitting mode (Side)	Date of Test :	June 28, 2000

Polarization	Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Correction Factor (dB)	Meter Reading dB(μV)	Emission Level dB(μV/m)	Limits dB(μV/m)	Margin (dB)
Horizontal	385.990	16.34	6.62	25.89	-14.40	83.53	66.20	79.00	12.80
	766.230	22.34	10.10	26.60	-14.40	41.15	32.59	59.00	29.35
	1536.140	25.90	5.80	26.70	-14.40	44.50	35.10	54.00	26.84
Vertical	385.990	16.34	6.62	25.89	-14.40	91.27	73.94	79.00	5.06
	766.230	22.34	10.10	26.60	-14.40	40.50	31.94	59.00	30.00
	1536.140	25.90	5.80	26.70	-14.40	41.50	32.10	54.00	29.84

Note 1. All readings are peak values
Note 2. Emission Leave = Antenna Factor + Cable Loss + Meter Reading – Preamp Factor + Correction Factor
Note 3. Correction factor is calculated by averaging the sum of the pluse widths over one complete pluse train.
Correction Factor = 20lg (2/10.5) = -14.40 (dB)

TEST ENGINEER:_____
(STEVEN LEE)