

TABLE 1
FIELD STRENGTH
RADIATED EMISSIONS DATA SHEET

	EMISSION FREQUENCY (MHz)	ANTENNA POLARITY (H,V)	EMISSION LEVEL (dBuV)	ANTENNA FACTOR AND CABLE LOSS (dB)	EMISSION LEVEL (dBuV/m)	LIMIT (3 METERS) (dBuV/m)	
fo	173.08	<u>Measured 1.905 Watts = 134.7 dBuV/m. Reference = 134.7-45.8 = 88.9</u>					
	346.15	H	42.2	+	22.0	=	64.2 88.9
	346.15	V	39.5	+	22.0	=	61.5 88.9
	519.23	H	56.0	+	24.8	=	80.8 88.9
	519.23	V	45.2	+	24.8	=	70.0 88.9
	692.30	H	27.3	+	26.9	=	54.2 88.9
	692.30	V	33.3	+	26.9	=	60.2 88.9
	865.38	H	28.8	+	28.6	=	57.4 88.9
	865.38	V	34.2	+	28.6	=	62.8 88.9
	1,038.45	H&V	<26.6	+	30.4	=	<57.0 98.4@1/m **
	1,211.53	H&V	<26.6	+	31.7	=	<58.3 98.4@1/m **
	1,384.60	H&V	<26.6	+	33.1	=	<59.7 98.4@1/m **
	1,557.68	H&V	<26.6	+	34.5	=	<61.6 98.4@1/m **
10fo	1,730.75	H&V	<26.6	+	35.8	=	<62.4 98.4@1/m **

ALL MEASUREMENT DATA REPORTED IN PEAK.

**** 1 Meter measurements = 9.5 dB correction factor from 3 meter limit**

Note:

1. Limit = $43 + 10 \log 1.905 = 45.8$ dBc
2. Limit = $134.7 \text{ dBuV/m} - 45.8 \text{ dB} = 88.9 \text{ dBuV/m @ 3 meters}$

CLIENT: LoJack
FCC ID: IDILJU-03U
MODEL: LoJack III Uplink Unit
TEST DATE: 04/19/01
TEST ENGINEER: Michael A. Nicolay