

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	Measured 1.906 Watts = 134.7 dBuV/m. Reference = 134.7-45.8 = 88.9					
	346.15	H	46.0	+	22.0	=	68.0 88.9
	346.15	V	54.1	+	22.0	=	76.1 88.9
	519.23	H	50.2	+	24.8	=	75.0 88.9
	519.23	V	52.0	+	24.8	=	76.8 88.9
	692.30	H	31.3	+	26.9	=	58.2 88.9
	692.30	V	26.2	+	26.9	=	53.1 88.9
	865.38	H	36.4	+	28.6	=	65.0 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: 05/22/00
TEST ENGINEER: Michael A. Nicolay