

Table 5.1 Highest Emissions Measured

Radiated Emission - RF											Motorola LHJ010 CLII; FCC
#	Freq. MHz	Ant. Used	Ant. Pol.	Pr dBm	Det. Used	Ka dB/m	Kg dB	E3 dB μ V/m	E3lim* dB μ V/m	Pass dB	Comments
1	315.2	Dip	H	-65.6	Pk	18.9	21.7	38.6	46.0	7.4	flat
2	315.2	Dip	H	-63.5	Pk	18.9	21.7	40.7	46.0	5.3	side
3	315.2	Dip	H	-63.9	Pk	18.9	21.7	40.3	46.0	5.7	end
4	315.2	Dip	V	-71.9	Pk	18.9	21.7	32.3	46.0	13.7	flat
5	315.2	Dip	V	-71.0	Pk	18.9	21.7	33.2	46.0	12.8	side
6	315.2	Dip	V	-69.4	Pk	18.9	21.7	34.8	46.0	11.2	end
7	630.4	Dip	H/V	-91.3	Pk	26.1	18.3	23.4	46.0	22.6	max. of all, noise; 10 kHz BW
8	945.6	Dip	H/V	-90.1	Pk	29.5	15.9	30.5	46.0	15.5	max. of all, noise; 10 kHz BW
9	1260.8	Horn	H	-72.0	Pk	20.6	28.0	27.6	54.0	26.4	max. of all, noise
10	1296.0	Horn	H	-70.0	Pk	21.0	28.1	29.9	54.0	24.1	max. of all, noise
11	1576.0	Horn	H	-72.0	Pk	21.3	28.3	28.0	54.0	26.0	max. of all, noise
12	1610.0	Horn	H	-70.0	Pk	21.4	28.2	30.2	54.0	23.8	max. of all, noise
13	1780.0	Horn	H	-70.0	Pk	21.8	27.9	30.9	54.0	23.1	max. of all, noise
14	1850.0	Horn	H	-69.0	Pk	22.2	28.2	32.0	54.0	22.0	max. of all, noise
15	1891.2	Horn	H	-69.0	Pk	22.4	28.3	32.1	54.0	21.9	max. of all, noise
16											
17											
18											
19											
20											
21											
22	Digital emissions more than 20 dB below FCC/IC Class B Limit.										
23											
24											
25											
26											
27											

Conducted Emissions							
#	Freq. MHz	Line Side	Det. Used	Vtest dB μ V	Vlim dB μ V	Pass dB	Comments
							Not applicable

Meas. 5/1/02 - 6/1/02; U of Mich.