

Table 5.1 Highest Emissions Measured

Radiated Emission - RF											Siemens P221 BSM RX; FCC/IC
#	Freq. MHz	Ant. Used	Ant. Pol.	Pr dBm	Det. Used	Ka dB/m	Kg dB	E3 dBμV/m	E3lim dBμV/m	Pass dB	Comments
1	316.2	SBic	H	-71.1	Pk	18.9	21.8	33.0	46.0	13.0	flat
2	316.2	SBic	V	-75.6	Pk	18.9	21.8	28.5	46.0	17.5	side
3	630.0	SBic	H	-88.6	Pk	25.2	18.5	25.2	46.0	20.8	max. of all, noise; 10 kHz BW
4	630.0	SBic	V	-89.3	Pk	25.2	18.5	24.5	46.0	21.5	max. of all, noise; 10 kHz BW
5	945.0	SBic	H	-89.8	Pk	28.9	16.1	30.0	46.0	16.0	max. of all, noise; 10 kHz BW
6	945.0	SBic	V	-88.0	Pk	28.9	16.1	31.8	46.0	14.2	max. of all, noise; 10 kHz BW
7	1245.0	Horn	H	-63.0	Pk	20.4	28.0	36.4	54.0	17.6	max. of all, noise floor
8	1575.0	Horn	H	-70.0	Pk	20.6	28.0	29.6	54.0	24.4	max. of all, noise floor
9	1890.0	Horn	H	-69.0	Pk	20.8	28.2	30.6	54.0	23.4	max. of all, noise floor
10											
11											
12											
13											
14											
15											
16											
17											
18											
Radiated Emission - Digital (Class B)											
1											
2											
3	Digital Emissions more than 20 dB below FCC Class B limits										
4											
5											
6											
7											
8											
9											
10											
11											
12											
Conducted Emissions											
#	Freq. MHz	Line Side	Det. Used	Vtest dBμV	Vlim dBμV	Pass dB	Comments				
1											
2	Not applicable										
3											

Meas. 12/05/02; U of Mich.