

Table 5.1 Highest Emissions Measured

Radiated Emissions										Einstruction Keypad (HP) TX
#	Freq. MHz	Ant. Used	Ant. Pol.	Peak dBm	Ka dB/m	Kg dB	E3 (Pk) dBμV/m	E3lim (Pk) dBμV/m	Pass dB	Comments
1	2401.0									Low channel
2	2438.0									Mid channel
3	2475.0									High channel
4										
5	2390.0	Horn S	H/V	-	21.5	- 0.6	-	74.0	-	Low
6	2390.0	Horn S	H/V	-	21.5	- 0.6	-	74.0	-	Mid
7	2390.0	Horn S	H/V	-	21.5	- 0.6	-	74.0	-	High
8	2483.5	Horn S	H/V	-	21.5	- 0.6	-	74.0	-	Low
9	2483.5	Horn S	H/V	-	21.5	- 0.6	-	74.0	-	Mid
10	2483.5	Horn S	H/V	-	21.5	- 0.6	-	74.0	-	High
11	4802.0	Horn C	H/V	-	25.5	37.0	-	74.0	-	Low
12	4876.0	Horn C	H/V	-	25.5	37.0	-	74.0	-	Mid
13	4950.0	Horn C	H/V	-	25.5	37.0	-	74.0	-	High
14	7203.0	Horn XN	H/V	-	25.5	36.0	-	N/A	-	Low
15	7314.0	Horn XN	H/V	-28.8	25.5	36.0	67.8	74.0	6.3	Mid
16	7425.0	Horn XN	H/V	-31.3	25.5	36.0	65.2	74.0	8.8	High
17	9604.0	Horn X	H/V	-	25.5	34.0	-	N/A	-	Low
18	9752.0	Horn X	H/V	-	25.5	34.0	-	N/A	-	Mid
19	9900.0	Horn X	H/V	-	25.5	34.0	-	N/A	-	High
20	12005.0	Horn X	H/V	-48.6	25.5	34.0	49.9	74.0	24.1	Low
21	12190.0	Horn X	H/V	-49.6	25.5	34.0	48.9	74.0	25.1	Mid
22	12375.0	Horn X	H/V	-55.5	25.5	34.0	43.0	74.0	31.0	High
23	14406.0	Horn Ku	H/V	-	25.5	17.3	-	N/A	-	Low
24	14628.0	Horn Ku	H/V	-	32.3	34.0	-	N/A	-	Mid
25	14850.0	Horn Ku	H/V	-	32.3	34.0	-	N/A	-	High
26	16807.0	Horn Ku	H/V	-	32.3	34.0	-	N/A	-	Low
27	17066.0	Horn Ku	H/V	-	32.3	34.0	-	N/A	-	Mid
28	17325.0	Horn Ku	H/V	-	32.3	34.0	-	N/A	-	High
29	19208.0	Horn K	H/V	-60.6	32.3	32.0	46.7	74.0	27.3	Low, noise
30	19504.0	Horn K	H/V	-61.2	32.3	32.0	46.1	74.0	27.9	Mid, noise
31	19800.0	Horn K	H/V	-58.2	32.3	32.0	49.1	74.0	24.9	High, noise
32	21609.0	Horn K	H/V	-	32.3	32.0	-	N/A	-	Low
33	21942.0	Horn K	H/V	-	32.3	32.0	-	N/A	-	Mid
34	22275.0	Horn K	H/V	-54.4	32.3	32.0	52.9	74.0	21.1	High, noise
35	24010.0	Horn Ka	H/V	-	32.3	32.0	-	N/A	-	Low
36	24380.0	Horn Ka	H/V	-	32.3	32.0	-	N/A	-	Mid
37	24750.0	Horn Ka	H/V	-	32.3	32.0	-	N/A	-	High
38										
39	* Peak: measured with 1 MHz RBW and 3 MHz VBW									
40	* Average measurements were not made									
41										
42										

Table 5.1 Highest Emissions Measured

Radiated Emissions										Einstruction Keypad (HP) RX
#	Freq. MHz	Ant. Used	Ant. Pol.	Peak dBm	Ka dB/m	Kg dB	E3 (Pk) dBμV/m	E3lim (Pk) dBμV/m	Pass dB	Comments
1	2401.0									Low channel
2	2438.0									Mid channel
3	2475.0									High channel
4										
5	2390.0	Horn S	H/V	-	21.5	- 0.6	-	74.0	-	Low
6	2390.0	Horn S	H/V	-	21.5	- 0.6	-	74.0	-	Mid
7	2390.0	Horn S	H/V	-	21.5	- 0.6	-	74.0	-	High
8	2483.5	Horn S	H/V	-	21.5	- 0.6	-	74.0	-	Low
9	2483.5	Horn S	H/V	-	21.5	- 0.6	-	74.0	-	Mid
10	2483.5	Horn S	H/V	-	21.5	- 0.6	-	74.0	-	High
11	4802.0	Horn C	H/V	-	25.5	37.0	-	74.0	-	Low
12	4876.0	Horn C	H/V	-	25.5	37.0	-	74.0	-	Mid
13	4950.0	Horn C	H/V	-	25.5	37.0	-	74.0	-	High
14	7203.0	Horn XN	H/V	-	25.5	36.0	-	N/A	-	Low
15	7314.0	Horn XN	H/V	-55.4	25.5	36.0	41.1	74.0	32.9	Mid
16	7425.0	Horn XN	H/V	-53.5	25.5	36.0	43.0	74.0	31.0	High
17	9604.0	Horn X	H/V	-	25.5	34.0	-	N/A	-	Low
18	9752.0	Horn X	H/V	-	25.5	34.0	-	N/A	-	Mid
19	9900.0	Horn X	H/V	-	25.5	34.0	-	N/A	-	High
20	12005.0	Horn X	H/V	-60.9	25.5	34.0	37.6	74.0	36.4	Low, noise
21	12190.0	Horn X	H/V	-61.6	25.5	34.0	36.9	74.0	37.1	Mid, noise
22	12375.0	Horn X	H/V	-62.3	25.5	34.0	36.2	74.0	37.8	High, noise
23	14406.0	Horn Ku	H/V	-	25.5	17.3	-	N/A	-	Low
24	14628.0	Horn Ku	H/V	-	32.3	34.0	-	N/A	-	Mid
25	14850.0	Horn Ku	H/V	-	32.3	34.0	-	N/A	-	High
26	16807.0	Horn Ku	H/V	-	32.3	34.0	-	N/A	-	Low
27	17066.0	Horn Ku	H/V	-	32.3	34.0	-	N/A	-	Mid
28	17325.0	Horn Ku	H/V	-	32.3	34.0	-	N/A	-	High
29	19208.0	Horn K	H/V	-60.6	32.3	32.0	46.7	74.0	27.3	Low, noise
30	19504.0	Horn K	H/V	-61.2	32.3	32.0	46.1	74.0	27.9	Mid, noise
31	19800.0	Horn K	H/V	-58.2	32.3	32.0	49.1	74.0	24.9	High, noise
32	21609.0	Horn K	H/V	-	32.3	32.0	-	N/A	-	Low
33	21942.0	Horn K	H/V	-	32.3	32.0	-	N/A	-	Mid
34	22275.0	Horn K	H/V	-54.4	32.3	32.0	52.9	74.0	21.1	High, noise
35	24010.0	Horn Ka	H/V	-	32.3	32.0	-	N/A	-	Low
36	24380.0	Horn Ka	H/V	-	32.3	32.0	-	N/A	-	Mid
37	24750.0	Horn Ka	H/V	-	32.3	32.0	-	N/A	-	High
38										
39	* Peak: measured with 1 MHz RBW and 3 MHz VBW									
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Table 5.1 Highest Emissions Measured

Radiated Emissions										Einstruction Keypad (LP)
#	Freq. MHz	Ant. Used	Ant. Pol.	Peak dBm	Ka dB/m	Kg dB	E3 (Pk) dBµV/m	E3lim (Pk) dBµV/m	Pass dB	Comments
1	2401.0									Low channel
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14	7203.0	Horn XN	H/V	-	25.5	36.0	-	N/A	-	Low
15	7314.0	Horn XN	H/V	-49.6	25.5	36.0	46.9	74.0	27.1	Mid
16	7425.0	Horn XN	H/V	-50.9	25.5	36.0	45.6	74.0	28.4	High
17	9604.0	Horn X	H/V	-	25.5	34.0	-	N/A	-	Low
18	9752.0	Horn X	H/V	-	25.5	34.0	-	N/A	-	Mid
19	9900.0	Horn X	H/V	-	25.5	34.0	-	N/A	-	High
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