

Table 5.1 Highest Emissions Measured

Radiated Emissions										Einstruction Base (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	-34.8	25.5	36.0	61.7	74.0	12.3	Mid
16	7425.0	Horn XN	H/V	-35.1	25.5	36.0	61.4	74.0	12.6	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	-53.8	25.5	34.0	44.7	74.0	29.3	Low
21	12190.0	Horn X	H/V	-49.1	25.5	34.0	49.4	74.0	24.6	Mid
22	12375.0	Horn X	H/V	-52.0	25.5	34.0	46.5	74.0	27.5	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	-60.7	32.3	32.0	46.6	74.0	27.4	Low, noise
30	19504.0	Horn K	H/V	-60.8	32.3	32.0	46.5	74.0	27.5	Mid, noise
31	19800.0	Horn K	H/V	-58.0	32.3	32.0	49.3	74.0	24.7	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	-54.2	32.3	32.0	53.1	74.0	20.9	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 Base (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	-58.2	25.5	36.0	38.3	74.0	35.7	Mid, noise
16	7425.0	Horn XN	H/V	-57.6	25.5	36.0	38.9	74.0	35.1	High, noise
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	-61.0	25.5	34.0	37.5	74.0	36.5	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	-61.8	25.5	34.0	36.7	74.0	37.3	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	-60.7	32.3	32.0	46.6	74.0	27.4	Low, noise
30	19504.0	Horn K	H/V	-60.8	32.3	32.0	46.5	74.0	27.5	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	-54.2	32.3	32.0	53.1	74.0	20.9	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
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39	* Peak: measured with 1 MHz RBW and 3 MHz VBW									
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16	7425.0	Horn XN	H/V	-36.7	25.5	36.0	59.8	74.0	14.2	High
17	9604.0	Horn X	H/V	-	25.5	34.0	-	N/A	-	Low
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