

# Radiated Emissions Summary Harris Aurora 5800

## 2T1 Radio, A2 Unit

Restricted Band MHz	Analyzer Reading dBuV	Antenna Factor dB/m	Cable Loss dB	Preamp Gain dB	Corrected Value dBuV/m	Limit dBuV/m	PASS OR FAIL
960-1240	17.2	22	1	26	14.2	54	PASS
1300-1427	17.3	22.5	1.2	26	15	54	PASS
1435-1626	17.5	22.6	1.4	26	15.5	54	PASS
1645.5-1646.5	17.5	22.6	1.4	26	15.5	54	PASS
1660-1710	17.6	22.6	1.4	26	15.6	54	PASS
1718-1722.2	17.6	22.7	1.4	26	15.7	54	PASS
2200-2300	18.4	21.6	2.1	28	14.1	54	PASS
2310-2390	18.5	21.3	2.2	28	14	54	PASS
2483.5-2500	18.5	21.4	2.2	28	14.1	54	PASS
2655-2900	18.5	21.8	2.2	28	14.5	54	PASS
3260-3267	17.9	21.9	3	28	14.8	54	PASS
3332-3339	17.2	22.2	3	28	14.4	54	PASS
3345-3358	17.2	22.2	3	28	14.4	54	PASS
3600-4400	17.9	20.4	3.3	28	13.6	54	PASS
4500-5150	18.5	20.4	3.3	27	15.2	54	PASS
5350-5460	18.1	20.9	5.5	27	17.5	54	PASS
7250-7750	24.2	20.6	7	27	24.8	54	PASS
8025-8500	23.3	20.8	7.5	26	25.6	54	PASS
9000-9200	23.1	21.2	7.6	26	25.9	54	PASS
9300-9500	23.6	20.8	8.1	26	26.5	54	PASS
10600-12700	27.3	22.7	8.3	26	32.3	54	PASS
13250-13400	27.4	22.6	9	25	34	54	PASS
14470-14500	27.7	22.8	9.5	25	35	54	PASS
15349-16200	28.2	22.5	10.2	26	34.9	54	PASS
17700-21400	35.7	23.2	0	26	32.9	54	PASS
22010-23120	N						
23600-24000	N						
31200-31800	N						
36430-36500	N						
38600-40000	N						

N = Signals above 21400 MHz were not measured because no harmonics fall into the Restricted Bands and all prior measurements are very low compared to the Limit. Also, there were no signals noted in the Restricted Bands during Antenna Conducted measurement.

Shaded Row includes second harmonic.

# Radiated Emissions Summary Harris Aurora 5800

## 2T1 Radio, B2 Unit

Restricted Band MHz	Analyzer Reading dBuV	Antenna Factor dB/m	Cable Loss dB	Preamplifier Gain dB	Corrected Value dBuV/m	Limit dBuV/m	PASS OR FAIL
960-1240	17.3	22	1	26	14.3	54	PASS
1300-1427	17.3	22.5	1.2	26	15	54	PASS
1435-1626	17.5	22.6	1.4	26	15.5	54	PASS
1645.5-1646.5	17.5	22.6	1.4	26	15.5	54	PASS
1660-1710	17.6	22.6	1.4	26	15.6	54	PASS
1718-1722.2	17.6	22.7	1.4	26	15.7	54	PASS
2200-2300	18.4	21.6	2.1	28	14.1	54	PASS
2310-2390	18.5	21.3	2.2	28	14	54	PASS
2483.5-2500	19.6	21.4	2.2	28	15.2	54	PASS
2655-2900	18.5	21.8	2.2	28	14.5	54	PASS
3260-3267	17.9	21.9	3	28	14.8	54	PASS
3332-3339	17.2	22.2	3	28	14.4	54	PASS
3345-3358	17.3	22.2	3	28	14.5	54	PASS
3600-4400	17.9	20.4	3.3	28	13.6	54	PASS
4500-5150	18.5	20.4	3.3	27	15.2	54	PASS
5350-5460	18.1	20.9	5.5	27	17.5	54	PASS
7250-7750	24.2	20.6	7	27	24.8	54	PASS
8025-8500	23.3	20.8	7.5	26	25.6	54	PASS
9000-9200	23.1	21.2	7.6	26	25.9	54	PASS
9300-9500	23.6	20.8	8.1	26	26.5	54	PASS
10600-12700	27.4	22.7	8.3	26	32.4	54	PASS
13250-13400	27.4	22.6	9	25	34	54	PASS
14470-14500	27.7	22.8	9.5	25	35	54	PASS
15349-16200	28.2	22.5	10.2	26	34.9	54	PASS
17700-21400	35.6	23.2	0	26	32.8	54	PASS
22010-23120	N						
23600-24000	N						
31200-31800	N						
36430-36500	N						
38600-40000	N						

N = Signals above 21400 MHz were not measured because no harmonics fall into the Restricted Bands and all prior measurements are very low compared to the Limit. Also, there were no signals noted in the Restricted Bands during Antenna Conducted measurement.

Shaded Row includes second harmonic.