

4.3 Test Data

4.3.1 RF Portion

A.

Operation Mode : Transmitting

Power Source : AC Power Cord

Test Date : Jan. 09, 2002 Temperature : 22 Humidity: 68 %

Frequency (MHz)	Reading (dBuV)				Factor (dB) Corr.	Result @3m (dBuV/m)		Limit @3m (dBuV/m)		Margin (dB)	Table Deg. (Deg.)	Ant. High (m)
	H		V			Peak	Ave	Peak	Ave			
433.982	82.4	82.2	85.5	85.3	-5.5	80.0	79.8	100.8	80.8	-1.0	175	1.40
867.969	44.6	41.5	47.1	44.6	2.3	49.4	46.9	80.8	60.8	-13.9	45	1.20
*1301.946	57.7	55.8	57.7	55.0	-8.4	49.3	47.4	74.0	54.0	-6.6	90	1.30
1735.928	57.2	55.7	59.3	58.3	-6.1	53.2	52.2	80.8	60.8	-8.6	270	1.00
2169.910	49.3	44.2	57.5	55.0	-4.0	53.5	51.0	80.8	60.8	-9.8	270	1.00
2603.892	---	---	55.3	50.2	-2.4	52.9	47.8	80.8	60.8	-13.0	90	1.10
3037.874	---	---	57.5	55.7	-1.1	56.4	54.6	80.8	60.8	-6.2	180	1.10
*3471.856	---	---	---	---	-0.1	---	---	74.0	54.0	---	---	---
*3905.838	---	---	---	---	1.6	---	---	74.0	54.0	---	---	---
*4339.820	---	---	---	---	2.0	---	---	74.0	54.0	---	---	---

Note :

1. “*” means the frequency fall in the restricted frequency band, and the limit of emission is referred to FCC class B
2. Item of margin shown in above table refer to average limit.
3. It is considered that the results of average comply with average limit when measuring data with a peak function detector meet the average limit. Mark “***” means that Peak result is meet average limit.
4. Remark “---” means that the emissions level is too low to be measured.
5. Item “Margin” referred to Average limit while there is only peak result.
6. The expanded uncertainty of the radiated emission tests is 3.53 dB.
7. The limit for spurious emissions refers to FCC § 15.231.

If the measured frequencies fall in the restricted frequency band, the limit employed is § 15.209 general requirement when frequencies are below or equal to 1 GHz. And the measuring instrument is set to quasi peak detector function, no duty factor applied.