

3.3 Test Data

A. Fundamental Frequency

Operation Mode : TX with audio signal inputed from a cellular phone

Operation Frequency : 49.840 MHz

Test Date: Feb. 25, 2002 Temperature : 23 • Humidity: 65 %

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.			
	Peak	Ave	Peak	Ave								
49.840	40.0	***	42.0	***	-14.1	37.9	***	100.0	80.0	-42.1	185	3.7

Note : 1. Item of margin shown in above table refer to average limit.

*2. 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.*

3. Remark "---" means that the emissions level is too low to be measured.

4. Item "Margin" referred to Average limit while there is only peak result.

5. The expanded uncertainty of the radiated emission tests is 3.53 dB.

B. Harmonic & Spurious

Operation Mode : TX with audio signal inputed from a cellular phone

Test Date : Feb. 25, 2002 Temperature : 23 • Humidity: 65 %

Frequency (MHz)	Meter Reading (dBUV)		Corrected Factor (dB)	Result @3m (dBUV/m)	Limit @3m (dBUV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (m)
	H	V						
99.680 •	---	---	-13.9 •	---	43.5 •	---	---	---
149.520 •	---	---	-10.0 •	---	43.5 •	---	---	---
199.360 •	---	---	-7.2 •	---	43.5 •	---	---	---
249.200 •	---	---	-3.9 •	---	46.0 •	---	---	---
299.040 •	---	---	-0.9 •	---	46.0 •	---	---	---
348.880 •	---	---	-10.3 •	---	46.0 •	---	---	---
398.720 •	---	---	-6.4 •	---	46.0 •	---	---	---
448.560 •	---	---	-5.6 •	---	46.0 •	---	---	---
498.400 •	---	---	-4.4 •	---	46.0 •	---	---	---

Note :

1. Remark “---” means that the emissions level is too low to be measured.
2. Item “Margin” referred to Average limit while there is only peak result.
3. Remark “*” means that the emission frequency is produced from local oscillator.
4. The expanded uncertainty of the radiated emission tests is 3.53 dB.