



TEST DATA

2.2 Radiated Emissions Measurement

Tuning Frequency : 313.85 MHz
 Distance of Measurement : 3.0 meters

Date : September 20, 2002
 Temp. : 24 °C Humi. : 60 %

Frequency (MHz)	P-A Factor (dB)	Antenna Factor (dB)	Polarization	Meter Reading (dBuV)			Limits (dBuV/m)		Emission Levels (dBuV/m)		Margins (dB)			
				QP	AV	Peak	QP/AV	Peak	QP/AV	Peak	QP/AV	Peak		
324.6	0.0	18.1	<	0.0	-	-	46.0	-	<	18.1	-	>	27.9	-
649.1	0.0	24.0	<	0.0	-	-	46.0	-	<	24.0	-	>	22.0	-
973.7	0.0	27.7	<	0.0	-	-	54.0	-	<	27.7	-	>	26.3	-

Notes :

- 1) The spectrum was checked from 30 MHz to 1000 MHz.
- 2) The cable loss is included in the antenna factor.
- 3) The symbol of "<" means "or less".
- 4) The symbol of ">" means "or greater".
- 5) A sample calculation(QP/AV) was made at 324.55 (MHz).
 $PA + Af + Mr = 0 + 18.1 + 0 = 18.1$ (dBuV/m)
 PA = Peak to Average Factor(P-A Factor)
 Af = Antenna Factor
 Mr = Meter Reading

6) Measuring Instrument Setting :

Detector function	Resolution Bandwidth	Video Bandwidth
Quasi-peak(QP)	120 kHz	-

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RADIATED EMISSION MEASUREMENT

Model No. : G8C-501M

Standard : CFR 47 FCC Rules Part 15 O QP/AV
Tuning Frequency(MHz) : 313.85

