

## 2. Photograph for the worst case configuration



## 3. Sample Calculation

The emission level measured in decibels above one microvolt ( $\text{dB}\mu\text{V}$ ) was converted into microvolt ( $\mu\text{V}$ ) as shown in following sample calculation.

For example :

Measured Value at	0.45MHz	35.0 $\text{dB}\mu\text{V}$
+ Cable Losses *		0.0 dB
<hr/>		
= Conducted Emission		35.0 $\text{dB}\mu\text{V}$ (= 56.2 $\mu\text{V}$ )

\* In case of RG214/ $\mu$  RF cable 15Ft, the loss is about 0.17dB at the frequency of 30MHz which is negligible.

## 2. Photograph for the worst case configuration



## 3. Sample Calculation

The emission level measured in decibels above one microvolt ( $\text{dB}\mu\text{V}$ ) was converted into microvolt per meter ( $\mu\text{V}/\text{m}$ ) as shown in following sample calculation.

For example :

Measured Value at <u>129.4MHz</u>	19.5 $\text{dB}\mu\text{V}$
+ Antenna Factor	11.0 dB
+ Cable Loss	2.1 dB
- Preamplifier	0.0 dB
- Distance Correction Factor *	0.0 dB
<hr/>	
= Radiated Emission	32.6 $\text{dB}\mu\text{V}/\text{m}$
	(= 42.7 $\mu\text{V}/\text{m}$ )

\* Extrapolated from the measured distance(1.5m) to the specified distance(3m) by an inverse linear distance extrapolation.