

## 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	29.0 $\text{dB}\mu\text{V}$
+ Cable Losses *		0.0 dB
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= Conducted Emission		29.0 $\text{dB}\mu\text{V}$
		(= 28.2 $\mu\text{V}$ )

\* 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 43.6 MHz	13.0 $\text{dB}\mu\text{V}$
+ Antenna Factor	12.9 dB
+ Cable Loss	1.2 dB
- Preamplifier	0.0 dB
- Distance Correction Factor *	20.0 dB
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= Radiated Emission	7.1 $\text{dB}\mu\text{V}/\text{m}$
	(= 2.3 $\mu\text{V}/\text{m}$ )

\* Extrapolated from the measured distance to the specified distance by an inverse linear distance extrapolation.