

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 (μV) 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
= Conducted Emission		29.0 $\text{dB}\mu\text{V}$
		(= 28.2 μV)

* In case of RG214/ μ 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
= 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.