

## 2. Photograph for the test configuration



## 3. Sample Calculation

The emission level measured in decibels was shown in following sample calculation.

For example :

Measured Value at	<u>7.50 MHz</u>	30.9 dB $\mu V$	@ Average mode
+	Cable Loss *	0.0 dB	
=	Conducted Emission	30.9 dB $\mu V$	

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

## 2. Photograph of the test configuration



## 3. Sample Calculation

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

For example :

Measured Value at	<u>2400.25 MHz</u>	88.0 dB $\mu\text{V}$
+ Antenna Factor		28.5 dB/m
+ Cable Loss		2.9 dB
- Preamplifier		-35.0 dB
- Distance Correction Factor *		0.0 dB
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= Radiated Emission		84.4 dB $\mu\text{V}/\text{m}$

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