

## 2. Photograph for the test configuration



## 3. Sample Calculation

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

For example :

Measured Value at	<u>120.00 MHz</u>	21.3 dB $\mu V$
+ Antenna Factor		13.0 dB/m
+ Cable Loss		2.0 dB
- Preamplifier		0.0 dB
- Distance Correction Factor *		0.0 dB
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= Radiated Emission		36.3 dB $\mu V/m$ ( = 65.3 $\mu V/m$ )

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

## 2. Photograph for the test 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	0.37 MHz	35.9 $\text{dB}\mu\text{V}$ @ average mode
+ Cable Losses *		0.0 dB
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= Conducted Emission		35.9 $\text{dB}\mu\text{V}$
		( = 62.4 $\mu\text{V}$ )

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