

## 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>7.165 MHz</u>	32.3 dB $\mu V$	@ Average mode
+	Cable Loss *	0.0 dB	
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=	Conducted Emission	32.3 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 converted into microvolt per meter ( $\mu\text{V/m}$ ) as shown in following sample calculation.

For example :

Measured Value at	<u>902.150 MHz</u>	49.4 dB $\mu\text{V}$
+	Antenna Factor	22.9 dB/m
+	Cable Loss	5.4 dB
-	Preamplifier	0.0 dB
-	Distance Correction Factor *	0.0 dB
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=	Radiated Emission	77.7 dB $\mu\text{V/m}$ ( 7673.6 $\mu\text{V/m}$ )

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