

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 μV	@ Average mode
+	Cable Loss *	0.0 dB	
=	Conducted Emission	32.3 dB μV	

* 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 μV
+	Antenna Factor	22.9 dB/m
+	Cable Loss	5.4 dB
-	Preamplifier	0.0 dB
-	Distance Correction Factor *	0.0 dB
=	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.