

# **APPENDIX**

## **C**

### **Measurement Protocol**

The test methodology followed during the collection of the data included within this technical report was ANSI C63.4:1992.

The EUT was powered with (120) VAC / (60) Hz during the collection of data included within.

The data is compared to the FCC Class B limits.

The "EMI" instrumentation is capable of calculating the final emission level based on the following formula:

Level at the receiver (dB $\mu$ V) + Antenna Correction Factor (dB/M) + Cable Loss (dB) - Preamp Gain (dB) = Actual Level in dB $\mu$ V/M.

The sample calculation below is based on the actual test data collected:

Observed Level		<b>48.6</b>	dB $\mu$ V	
ACF	+	<b>19.7</b>	dB/M	
Cable Loss	+	<b>3.2</b>	dB	
Preamp Gain	-	<b>26.0</b>	dB	
Actual Level		<b>45.5</b>	dB $\mu$ V/M	@ 604.0 MHZ

**Please have a company official review this report and sign.**

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