

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:

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

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

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

Please have a company official review this report and sign.
