



## Findings Letter

ATTN: Reinhold Baron  
Paradigm Multimedia LLC  
1945 West 34<sup>th</sup> Avenue  
Eugene, Oregon 97405 USA

01/28/10

RE: Healthcare TV solution (WO#SJ1745)

Dear Reinhold,

Per your request, a sample of the Healthcare TV Solution System was subjected to the dielectric and leakage currents tests prescribed in UL60065 (Annex Q), Safety Requirements of Audio, Video and Similar Electronic Apparatus. The system provided passed the aforementioned tests without issue. Attached is the resulting test data.

If you have any questions feel free to contact me.

Sincerely,

**William L. Brown Jr.**  
Engineer II - Product Safety

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Supervisor - Product Safety

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Bureau Veritas  
Consumer-Product Services  
Electrical Division

Procedure No. E-1019  
Revision No. 1.1

**Data Sheet:**

Company:	Paradigm Multimedia LLC
Product, model #, sample #:	Healthcare TV Solution System, Sample 1
Report Number:	J1745-1
Engineer Name / Signature:	Dayna Abate <i>[Signature]</i>
Date of Test:	1/26/10
Reviewed By:	Greg Chase <i>[Signature]</i>

Procedure Used: UL60065 (Annex Q), Touch Current test

Test Equipment: 99(12-2-10), 149(8-18-11), 34(6-29-10), 5(8-14-10)

Environmental Conditions: 23.1°C, 34%RH, 1011mB

EUT System Configuration –

(Modified) Sharp LCD TV model LC-19SB27UT rated 120V~ 60Hz 29W  
Paradigm Multimedia Pillow Speaker Interface model HC20 with MW AC/DC Adaptor MW35-630 rated 120Vac 60Hz 4W input; 6Vdc 300mA max output.  
Curbell Electronics pillow speaker p/n 4D010N-R400008 rated LPS only, 30Vdc / 500mA max  
VANCO CAT 5E patch cable model CAT5E-1BK

**Test Data:**

Measurement Circuit (cite or describe): Bapco Universal Safety Tester. \* All non-conductive plastic surfaces tested while wrapped in 10x20cm aluminum foil sheet per Annex Q of UL60065. \*\* Conductive parts of TV I/O connectors, RF, Audio / Video etc. \*\*\* TV input. H20 Interface powered at nominal 120V/60Hz. All tests were performed with the Sharp TV and Speaker switch in all combinations of their on/off positions with similar results.

Voltage (V) / Frequency (Hz)	Neutral Switch / Polarity Settings	Measurement point/conditions	Measured leakage current (uA)	Limit (per standard) (uA)
132V/60Hz ***	Closed, Normal	Handset Enclosure *	00.1uA	50uA
132V/60Hz	Closed, Reverse	Handset Enclosure *	00.1uA	50uA
132V/60Hz	Open, Normal	Handset Enclosure *	00.1uA	50uA
132V/60Hz	Open, Reverse	Handset Enclosure *	00.2uA	50uA
132V/60Hz	Closed, Normal	TV Enclosure *	00.0uA	250uA
132V/60Hz	Closed, Reverse	TV Enclosure *	00.0uA	250uA
132V/60Hz	Open, Normal	TV Enclosure *	00.0uA	250uA
132V/60Hz	Open, Reverse	TV Enclosure *	00.0uA	250uA
132V/60Hz	Closed, Normal	TV conductive parts	74.0uA	500uA
132V/60Hz	Closed, Reverse	TV conductive parts	73.0uA	500uA
132V/60Hz	Open, Normal	TV conductive parts	148.0uA	500uA
132V/60Hz	Open, Reverse	TV conductive parts	147.0uA	500uA

Statement of Results: Pass




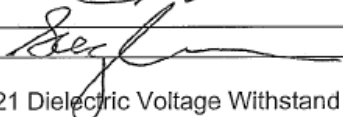
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Procedure No. E-1019  
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**Data Sheet:**

Company:	Paradigm Multimedia LLC
Product, model #, sample #:	Healthcare TV Solution System, Sample 1
Report Number:	J1745-1
Engineer Name / Signature:	Dayna Abate 
Date of Test:	1/28/10
Reviewed By:	Greg Chase 

Procedure Used: UL60065 (Annex Q), E-1021 Dielectric Voltage Withstand Test

Test Equipment: 149(8-18-11), 7(5-4-10), 96(5-21-10)

Environmental Conditions: 23.4°C, 21%RH, 999mB

Test Data:

**RECORDING RESULTS**

Location or insulation system across which test is performed	Pre-Conditioning of the EUT	Test Voltage	Test Duration	Trip Current, if relevant	Dielectric Breakdown (Y/N)
Pillow Speaker Input to Plastic Handset (w/foil)	N/A	1240Vac	1 Minute	N/A	No
AC/DC Adaptor Input to Output	N/A	1240Vac	1 Minute	N/A	No
AC input of TV to Plastic Enclosure (w/foil)	N/A	4242Vdc*	1 Minute	N/A	No
AC input of TV to accessible conductive parts (I/O)	N/A	4242Vdc*	1 Minute	N/A	No

\* Tested for at twice the requirement for 120Vac input - Double/Reinforced insulation for a working voltage of 240Vac

Statement of Results: PASS