RSS-102 RF Exposure

Testing was performed using the mode(s) of operation and configuration(s) noted within the report. The individuals and/or the organization requesting the test provided the modes, configurations and settings used to complete the evaluation. The actual test parameters are specified in the test data, this includes items such as investigated frequency range (scanned) and test levels. The testing methods and performance specifications, as well as the test site used for the evaluation are indicated in the test data.

MODES OF OPERATION

Tag Inventory

POWER SETTINGS INVESTIGATED

120VAC/60Hz

CONFIGURATIONS INVESTIGATED

CRDN0215 - 1

TEST EQUIPMENT

Description	Manufacturer	Model	ID	Last Cal.	Interval
Low Frequency EMF Survey Meter	Holaday	HI-3603	ILC	8/27/2009	24 mo

TEST DESCRIPTION

Testing was performed using the measurement instrumentation shown above. The meter was passed across each of the four surfaces of the EUT. At each surface of the equipment under test (EUT) the meter was passed across the surface and the maximum indication for that location was noted. The equipment was positioned such that a distance of 20 cm from each surface was maitained. That data may be refernced in the attached data sheet.

NORTHWEST EMC

RSS-102 RF Exposure

IMM 2008.10.09 EF

EUT:	RFID Aux Cabinet			Work Order:	CRDN0215
Serial Number:	RFID AUX DVT-0009			Date:	10/16/08
Customer:	Cardinal Health			Temperature (°C):	24.48 C
Attendees:	Jim Owen			Relative Humidity:	35%
Project:	None	Config. #:	1	Bar. Pres. (mb):	1024.4 mb
Tester:	Jaemi Suh	Power:	120VAC/60Hz	Job Site:	OC02

TEST SPECIFICATIONS

Specification:	RSS-102:2005 RF Limits for Devices used by the General Public	Method:	RSS-102:2005

TEST PARAMETERS

COMMENTS

w/ IR Scanner-518DME00030

EUT OPERATING MODES

Tag Inventory

DEVIATIONS FROM TEST STANDARD

N/A

RESULTS

PASS

Tested By

Magnetic Field

Front of EUT

Position	Left	Center	Right	Limit
Position	mA/m	mA/m	mA/m	A/m
Top	34.0	122.0	60.4	2.19
Middle	10.5	121.6	70.7	2.19
Bottom	5.5	139.1	61.3	2.19

Right Side of EUT

Position	Left	Center	Right	Limit
Position	mA/m	mA/m	mA/m	A/m
Top	6.0	1.7	0.7	2.19
Middle	4.8	2.0	0.5	2.19
Bottom	3.1	1.7	0.7	2.19

Left of EUT

Position	Left	Center	Right	Limit
Position	mA/m	mA/m	mA/m	A/m
Top	2.9	0.8	0.4	2.19
Middle	3.0	2.1	0.5	2.19
Bottom	4.7	2.1	1.7	2.19

Back of EUT

Position	Left	Center	Right	Limit
Position	mA/m	mA/m	mA/m	A/m
Top	0.3	0.3	0.3	2.19
Middle	0.3	0.3	0.3	2.19
Bottom	0.3	0.3	0.4	2.19

Electric Field

Front of EUT

Position	Left	Center	Right	Limit
Position	V/m	V/m	V/m	V/m
Top	5.8	67.2	13.8	280.0
Middle	4.8	40.5	9.7	280.0
Bottom	2.0	72.1	8.4	280.0

Right Side of EUT

Position	Left	Center	Right	Limit
Position	V/m	V/m	V/m	V/m
Top	0.04	0.04	0.04	280.0
Middle	0.04	0.04	0.04	280.0
Bottom	0.04	0.04	0.04	280.0

Left of EUT

Position	Left	Center	Right	Limit
Position	V/m	V/m	V/m	V/m
Top	0.60	0.04	0.04	280.0
Middle	0.04	0.04	0.04	280.0
Bottom	0.04	0.04	0.04	280.0

Back of EUT

Position	Left	Center	Right	Limit
Position	V/m	V/m	V/m	V/m
Top	0.04	0.04	0.04	280.0
Middle	0.04	0.04	0.04	280.0
Bottom	0.04	0.04	0.04	280.0

RSS-102 RF Exposure