



Engineering and Testing for EMC and Safety Compliance



Radiated Test Data

for Model:

Exit Stopper

for

Resolution Engineering

RTL Project Number 2010063

Test Engineer: Jon Wilson

Radiated Test Data - OATS 1
 Test Date: April 07, 2010 - 10:40:37 AM
 Work Order: 2010063
 Customer Reference: BC 019483
 Model: Exit Stopper
 Name: Jon Wilson
 Limit/Distance: FCC B/3m

Emission Frequency (MHz)	Test Detector	Analyzer Reading (dBuV)	Site Correction Factor (dB/m)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pass/Fail
433.933	Pk	65.8	32.9	98.7	100.8	-2.1	Pass
867.833	Pk	70.9	0.7	71.6	80.8	-9.2	Pass
1301.747	Pk	57.2	8.4	65.6	80.8	-15.2	Pass
1735.659	Pk	52.6	13.1	65.7	80.8	-15.1	Pass
2,169.574	Pk	51.1	9.3	60.4	80.8	-20.4	Pass
2,603.489	Pk	59.3	10.4	69.7	80.8	-11.1	Pass
3,037.404	Pk	45.4	8.7	54.1	80.8	-26.7	Pass
3,471.319	Pk	59.0	9.3	68.3	80.8	-12.5	Pass
3,905.234	Pk	64.6	11.3	75.9	80.8	-4.9	Pass
4,339.149	Pk	46.4	14.6	61.0	80.8	-19.8	Pass

Radiated Emissions Test Equipment

Part	Manufacturer	Model	Serial Number	RTL Bar Code	Calibration Due Date
Amplifier (20 MHz-2 GHz)	Rhein Tech Laboratories, Inc.	PR-1040	900905	900905	4/10/2010
Bilog Periodic Antenna (25 MHz-2 GHz)	Schaffner Chase	CBL6112	2099	900791	12/12/2010
EMI Receiver RF Section (9 KHz-6.5 GHz)	Hewlett Packard	85462A	3325A00159	900913	6/8/2010
RF Filter Section (100 KHz-6.5 GHz)	Hewlett Packard	85460A	3330A00107	900914	6/8/2010
Spectrum Analyzer	Hewlett Packard	8596EM	3826A00144	901215	11/23/2010
Amplifier (1 GHz – 26.4 GHz)	Hewlett Packard	8449B OPT H02	3008A00505	900932	2/22/2011
Horn Antenna, 2.0-4.0 GHz	EMCO	3161-02	9804-1044	900772	6/13/2010
Horn Antenna, 4.0-8.2 GHz	EMCO	3161-03	9508-1020	900321	6/13/2010
Emissions Testing Software	Rhein Tech Laboratories, Inc.	Automated Emission Tester	Rev. 14.0.2	N/A	N/A