15.207 Conducted Limits.

(a)… for an intentional radiator that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies, within the band 150 kHz to 30 MHz, shall not exceed the limits in the following table, as measured using a 50 µH/50 ohms line impedance stabilization network (LISN). Compliance with the provisions of this paragraph shall be based on the measurement of the radio frequency voltage between each power line and ground at the power terminal. The lower limit applies at the boundary between the frequency ranges.

(c) Measurements to demonstrate compliance with the conducted limits are not required for devices which only employ battery power for operation and which do not operate from the AC power lines or contain provisions for operation while connected to the AC power lines. Devices that include, or make provisions for, the use of battery chargers which permit operating while charging, AC adapters or battery eliminators or that connect to the AC power lines indirectly, obtaining their power through another device which is connected to the AC power lines, shall be tested to demonstrate compliance with the conducted limits.

Conducted limit (dBµV)		
Frequency of emission (MHz)	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

* Decreases with the logarithm of the frequency.

FCC CONDUCTED EMISSIONS TEST REPORT

Product Name: CONTROL PANEL		Model No.: LYNXR175-EN	Control No.: 2590
Tested By:	Date: 10/17/02	Reviewed By:	Date: 10/17/02
Test Results: ☒ ACCEPTABLE ☐ UNACCEPTABLE			Qty Tested: 2
REASON FOR REJECTION:			

TEST LIMITS

Frequency (MHz)	Class B Limit (dBuV) Use file t~170	Class A* Limit (dBuV) Use file t~180
0.45 - 1.075	48	60
1.075 - 30.0	48	69.5

TEST PARAMETERS

Frequency Scanned: 450 KHz to 30 MHZ	Bandwidth: 9 KHz.

Sample #: 1, 2 Test Mode: Armed away

TEST DATA

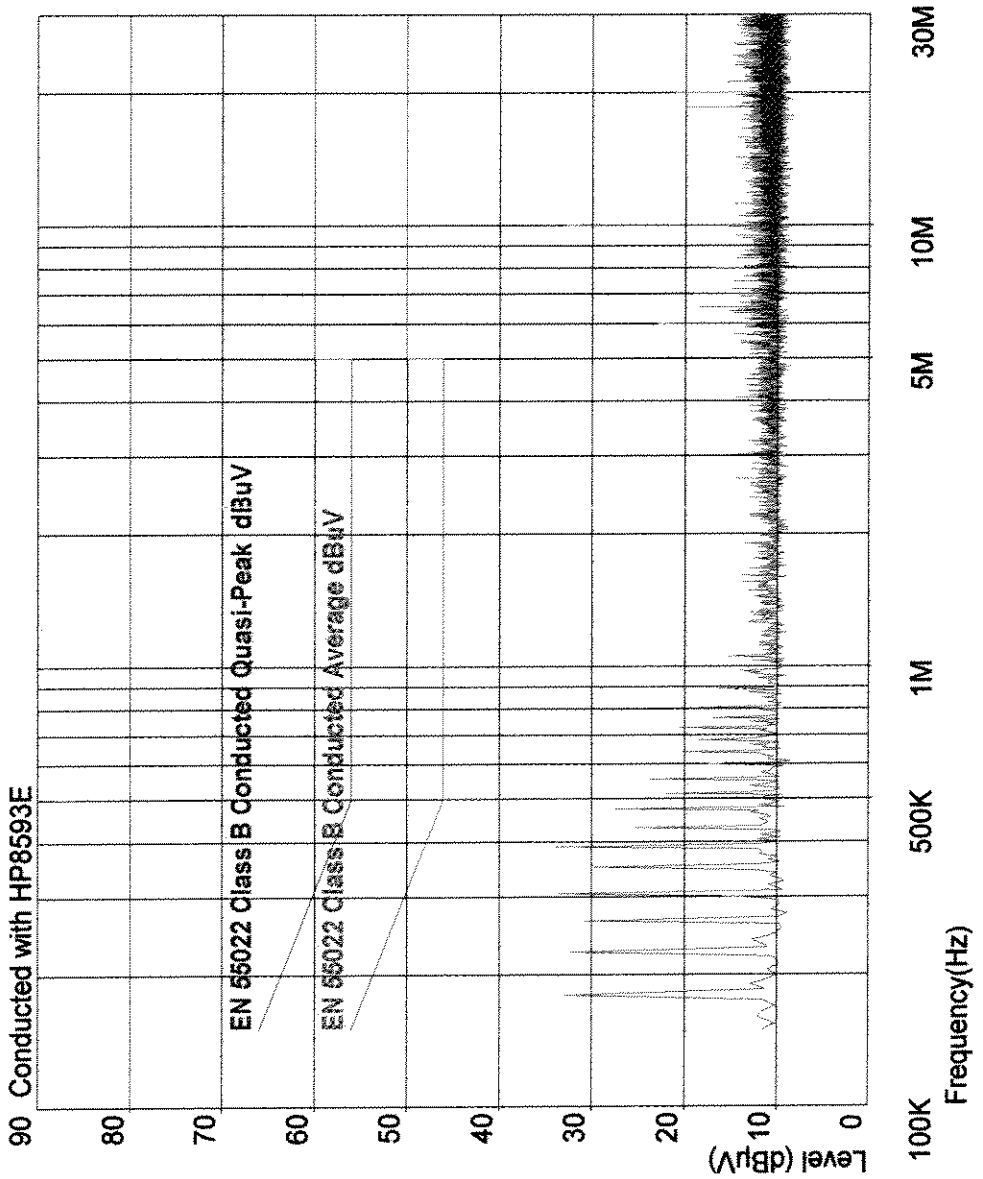
Line	Class B		Class A*	
	PASS	FAIL	PASS	FAIL
L1 - GND	✓			
L2 - GND	✓			

COMMENTS: (See attached Data Sheets)

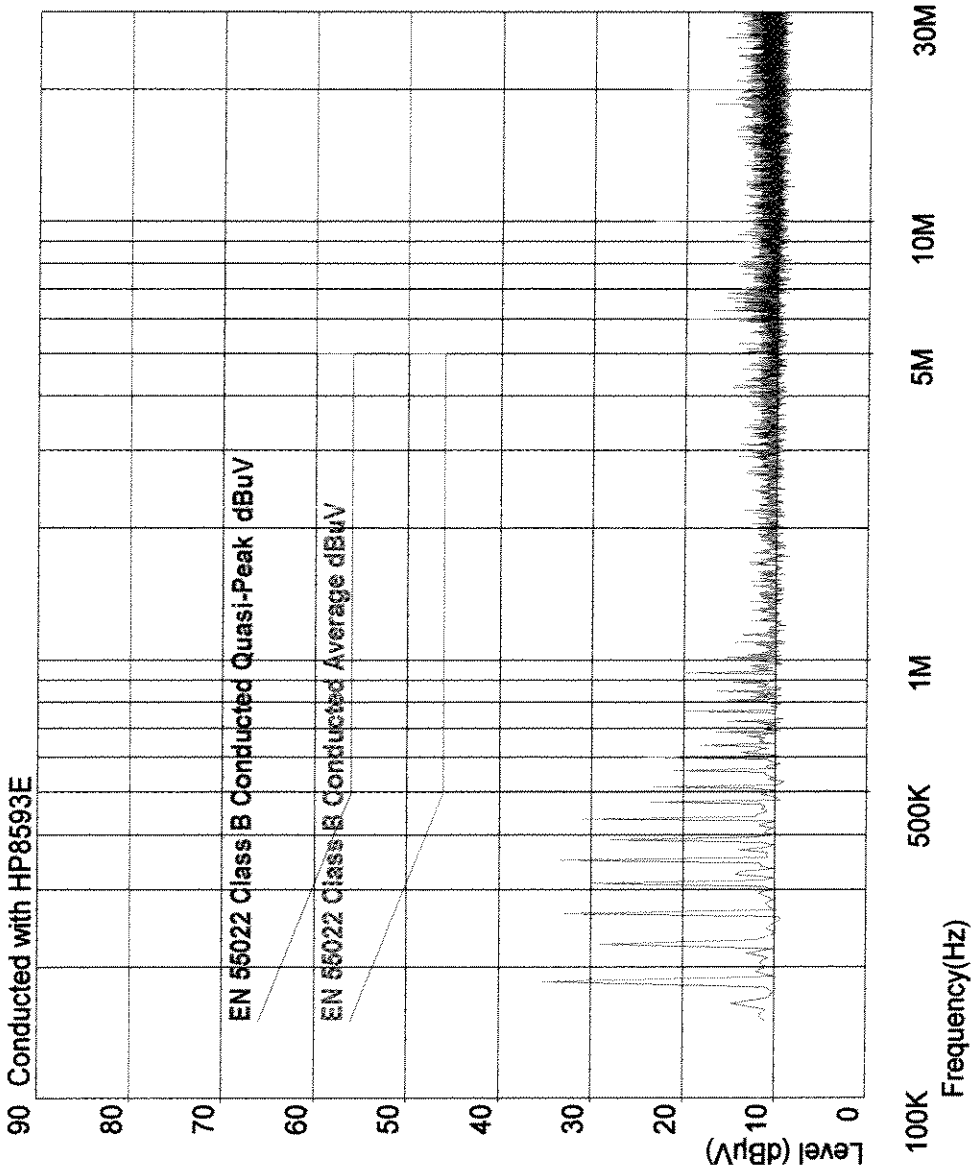
* If units pass Class B, then they pass Class A limits.

Appendix A. Conducted Emissions Report Title Page

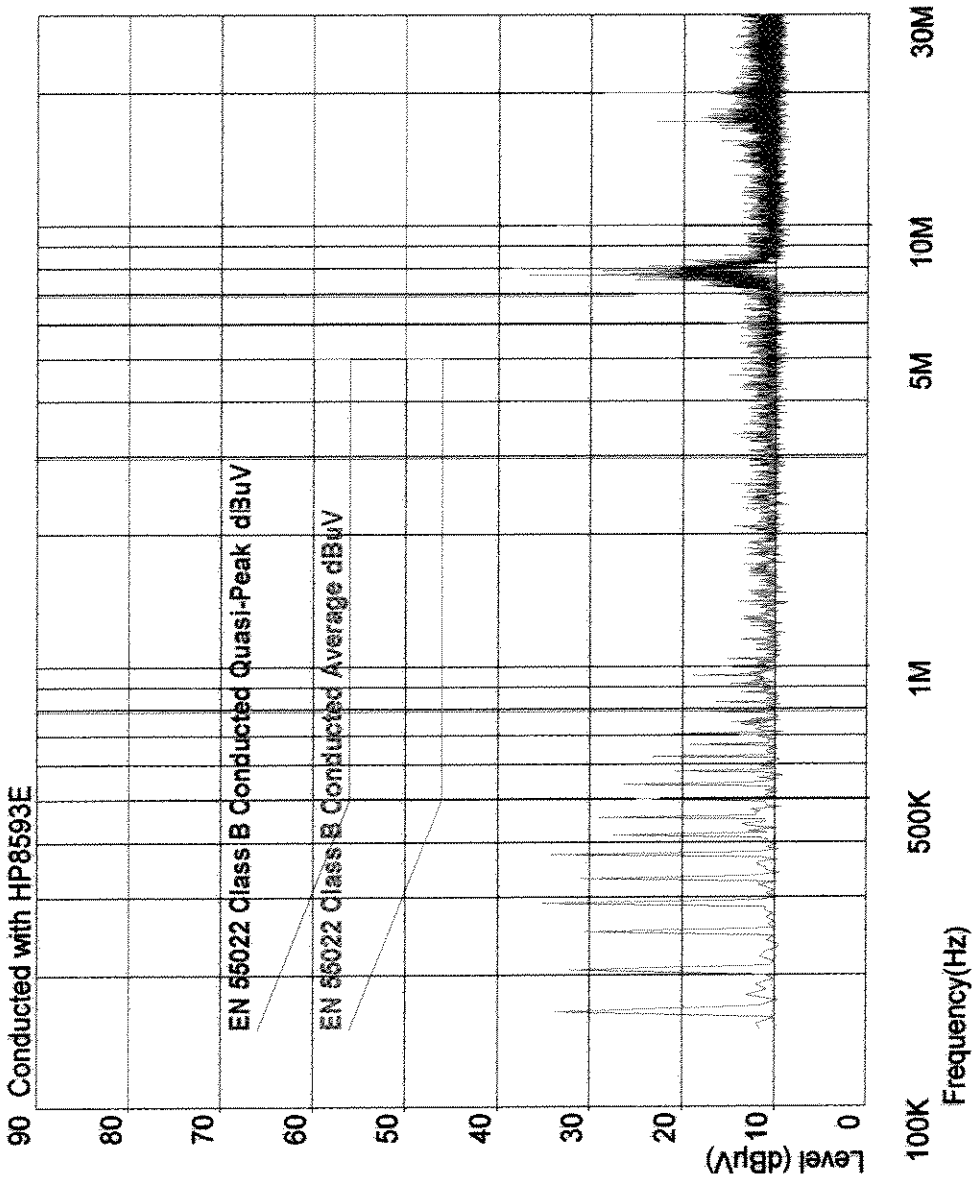
Results Name: 2590 lynxr175-EN
Project: Lynxr175-EN. Control # 2590 dut # 1 . Line 1
Author: Frantz Antoine
Last Saved: 10/17/2002 14:54 **Printed on: 10/17/2002 14:54**



Results Name: 2590 lynxr175-EN
Project: Lynxr175-EN. Control # 2590 dut # 1 . Line 2
Author: Frantz Antoine
Last Saved: 10/17/2002 15:00 **Printed on:** 10/17/2002 15:00



Results Name: 2590 lynxr175-EN
Project: Lynxr175-EN. Control # 2590 dut #2 . Line 1
Author: Frantz Antoine
Last Saved: 10/17/2002 14:32 **Printed on:** 10/17/2002 14:32



Results Name: 2590 lynxr175-EN
Project: Lynxr175-EN. Control # 2590 dut #2 . Line 2
Author: Frantz Antoine
Last Saved: 10/17/2002 14:38 **Printed on:** 10/17/2002 14:38