LEXMARK

LEXMARK INTERNATIONAL

TEST REPORT

for

FCC PART 15
INDUSTRY CANADA RSS-210

TRADE NAME: Network Option Card for Dell 966 and Lexmark X9350 Printers

MODEL NUMBER: RJ596 (Dell), 2006-001 (Lexmark)

Test Report Number: 572-EMC-2006-FCC-102506

Date: October 25, 2006

1 TABLE OF CONTENTS

2 TECHNICAL REPORT

Manufacturer of Equipment-under-test	Lexmark International, Inc.
Address of Manufacturer	740 New Circle Rd. Lexington, Kentucky 40511

Equipment Under Test		
Trade Name(s)	Network Option Card for Dell 966 and Lexmark X9350 Printers	
Model Number	RJ596 (Dell), 2006-001 (Lexmark)	
FCC ID	IYLRJ596	
Industry Canada ID	2376A-RJ596	
Device Category	Mobile	
RF Exposure Category	General Population/Uncontrolled Environment	
Transmission Modes	802.11b	802.11g
Frequency Range (MHz)	2412 - 2462	2412 - 2462
Types of Transmission	QPSK, BSK, CCK	BPSK, QPSK, 16QAM, 64QAM
Maximum Conducted RF Output Power (dBm)	21.16	21.31
Antenna Type	Cabled from PCB to mounted antenna	
Antenna Location	Externally mounted to device	
Antenna Gain (dBi)	2	
Power Supply		
Manufacturer	Delta	
Model Number	21H0302	
Serial Number	TH-0GF361-17971-620-OLKQ	

2.1 PURPOSE OF TESTING

The purpose of this testing was to reevaluate the EUT for compliance to the FCC and Industry Canada Rules after a permissive change to the host printer. The EUT is an 802.11 b/g wireless LAN device operating in the frequency range 2400 - 2483.5 MHz.

2.2 APPLIED STANDARDS

[1] FCC Part 15 Rules and Regulations

[2] RSS-210, Issue 6, *Low Power License-Exempt Radiocommunication Devices (All Frequency Bands)*

[3] RSS-Gen, Issue 1, *General Requirements and Information for the Certification of Radiocommunication Equipment.*

[4] Lexmark Test Report No. 553-EMC-2006-FCC-071706.

[5] Lexmark Test Report No. 572-EMC-2006.

[6] Lexmark Test Report No. 553-EMC-2006.

3 SUMMARY

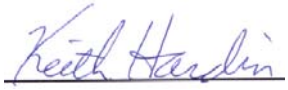
The purpose of this testing was to reevaluate the EUT for compliance to the FCC and Industry Canada Rules after a permissive change to the host printer. The EUT is an 802.11 b/g wireless LAN device operating in the frequency range 2400 - 2483.5 MHz. No changes were made to the EUT. This data demonstrates that the EUT continues to comply with these requirements.

The following is a summary of the testing documented in this report:

FCC Rules	Description of Test	Result	Page of this Report
§15.247(a)(2)	6 dB bandwidth	Not tested	N/A
§15.247(b)(3)	Conducted power	Not tested	N/A
§15.247(d)	Out of band emissions at antenna terminal	Not tested	N/A
§15.247(e)	Power spectral density	Not tested	N/A
§15.209	Radiated emissions	Compliant	13
§15.207	Conducted emissions	Compliant	19
§15.247(i)	RF exposure	Not tested	N/A

Industry Canada RSS-210 & RSS-Gen	Description of Test	Result	Page of this Report
§A8.2)	6 dB bandwidth	Not tested	N/A
§A8.4	Conducted power	Not tested	N/A
§A8.5	Out of band emissions at antenna terminal	Not tested	N/A
§A8.2	Power spectral density	Not tested	N/A
§7.2.3.2	Radiated emissions	Compliant	13
§7.2.2	Conducted emissions	Compliant	19
§5.5	RF exposure	Not tested	N/A
§4.4.1	20 dB bandwidth	Not tested	N/A

This report has been reviewed by:

Keith Hardin		October 25, 2006
Name	Signature	Date

OFFICIAL SIGNATORY: Keith Hardin (Lexmark) The signature on this page of the report indicates that this entire report and the data contained herein has been reviewed by the signatory. No additional signatures are required on any test data sheets contained in this report.

4 DESCRIPTION OF EUT

The Equipment Under Test (EUT) is a network option card for the Dell 966 and Lexmark X9350 inkjet printers. This option card includes circuitry for attaching the printer to either a wired 10 Mbps or 100 Mbps network or a wireless 802.11b or 802.11g network. The circuitry for the wireless network is contained on a small mini-PCMCIA card soldered onto the main printed circuit board of the EUT. The circuitry for the wired network is contained on the main printed circuit board of the EUT.

Either the wired or wireless network can be active at any time, but not both. The EUT will not support active connections via wired and wireless networks simultaneously. When powered on, if an ethernet connection is detected on the RJ45 connector, the wireless card is disabled. If no ethernet connection is detected, the wireless card is enabled.

The original testing of the EUT was performed with the EUT installed in a Dell 966 printer with results previously documented [4]. The EUT will also be sold in the Lexmark X9350 printer. The differences between the Dell 966 and Lexmark X9350 printers are the following:

1. Slight differences in the length of the internal cable from the main PCB of the printer to the media card reader.

2. Slight differences in the length of the internal cable from the main PCB of the printer to the Pictbridge port.

3. Slight differences in the length of the internal cable from the main PCB of the printer to op panel.

4. Changes in the layout of the op panel PCB.

5. Changes in color and external appearance of the plastic covers of the printer.

These changes affect only the host printer. No changes were made to the intentional radiator EUT, shown in Figures 1 and 2, or any cables, connections or shielding associated with it. Testing of the host printer modes was performed and the results are documented in [5] and [6].

4.1 EUT PHOTOS

Figure 1. Top view of EUT.

Figure 2. Bottom view of EUT.

Figure 3. View of EUT installed in X9350 host printer.

Figure 4. Front view of X9350 host printer.

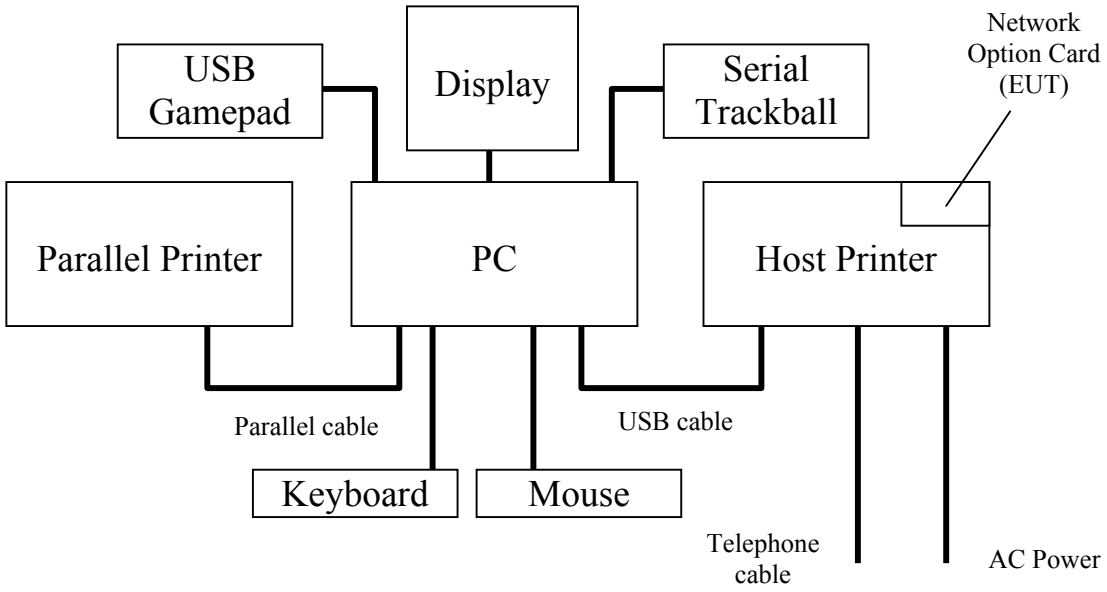
4.2 EUT SUPPRESSION COMPONENTS

Description	Part Number	Vendor
Toroid on coaxial cable to antenna	K5A RH7.8x4x18	Core Tech

4.3 EUT CLOCK FREQUENCIES

Description	Frequency (MHz)
Crystal to ASIC on main PCB	25.0
Crystal to ASIC on radio PCB	40.0

5 TEST CONFIGURATION



The following auxiliary equipment was used during the testing of the EUT:

Description	Manufacturer	Model
Printer for parallel port of PC	Lexmark	Z11
USB Gamepad	Microsoft	Game Pad Pro
Serial Trackball	Clear	ATB 2730
Personal Computer	Dell	Optiplex GX260
LCD Display	Dell	E173FP

6 CABLE INFORMATION

Cables used for testing included the following:

Cable Description	Cable Length (meters)	Ferrites	Shield Status
USB cable from PC to host printer	2	No	Shielded
PC to parallel printer	3	No	Shielded
PC to LCD display	2	Yes	Shielded
Telephone cable from EUT	1	No	Unshielded
PC to serial trackball	2	No	Shielded
PC to USB gamepad	2	Yes	Shielded

7 TESTING & MEASUREMENT EQUIPMENT

Description	Manufacturer	Model Number	Serial Number	Calibration Due Date
EMI receiver	Rhode & Schwarz	ESI7	100009	8/10/07
EMI receiver	Rhode & Schwarz	ESIB7	100093	5/25/07
EMI receiver	Rhode & Schwarz	ESIB40	1112950683	5/4/08
EMI receiver	Rhode & Schwarz	ESIB40	100148	5/5/07
Bi-Log antenna	Chase	CBL6111C	2449	9/12/07
Horn antenna (1 - 18 GHz)	Antenna Research	DRG-1181A	1091	N/A
Horn Antenna (18 - 40 GHz)	Antenna Research	DRG1840A	1047	N/A
LISN	Rhode & Schwarz	ESH2-Z5	848765/017	6/1/07
Power meter	Rhode & Schwarz	NRVD	100581	8/15/07
Diode power sensor	Rhode & Schwarz	NRV-Z4	100126	8/15/07
Signal Generator	Rhode & Schwarz	SMR40	100150	Output set & measured using power meter

8 TEST RESULTS

8.1 RADIATED SPURIOUS EMISSIONS

Criteria for Radiated Spurious Emissions [1]: The radiated spurious emissions of the transmitter shall not exceed the values in Table 1.

Frequency Range (MHz)	Limit (dB(μV/m))	Measurement Distance (m)
30 - 88	40	3
88 - 216	43.5	3
216 - 960	46	3
960 - 1000	54	3
Above 1000	54 (average detector) 74 (peak detector)	3

Table 1. Limits for spurious emissions.

Test Procedure for Radiated Spurious Emissions: Radiated spurious emissions were measured in Lexmark's 10 meter semi-anechoic chamber. This facility is registered with the FCC (registration number 949691) and Industry Canada (reference file number IC 2376).

The EUT configuration shown in Section 5 was placed atop a 0.8 meter high wooden table with a rectangular surface measuring 1.5m x 1.0m. The test setup is shown in Figures 5 and 6.

The receiving antenna was connected to a spectrum analyzer. While the spectrum analyzer was in peak hold mode, the EUT configuration was rotated continuously and the antenna scanned from 1 - 4 meters in height. After obtaining a plot of the peak emissions, those emissions close to the limit were investigated using either the quasi-peak or average detector, as required. The frequency range from 30 MHz - 25 GHz was investigated for spurious emissions.

The EUT was operated in either continuous transmit or continuous receive modes for this testing.

Results for Radiated Spurious Emissions: Tables 2 - 13 contain data on the radiated spurious emissions of significant amplitude from the EUT configuration shown in Section 5. Some of the emissions may be due to parts of the configuration in Section 5 other than the EUT. Since the emissions were under the limit, the exact source of the emission was not determined.

Frequency (MHz)	Polarization	Cable Loss (dB)	Antenna Factor dB(1/m)	Quasi-peak Amplitude (dB(μV/m))	Quasi-peak Limit (dB(μV/m))	Quasi-peak Margin (dB)
39.996	V	6.95	13.79	28.20	40	11.8
64.014	V	7.07	5.92	28.02	40	11.98
66.399	V	7.09	6.11	31.13	40	8.87
80.136	H	7.26	7.46	31.6	40	8.4
200.257	H	8.04	8.93	33.91	43.5	9.59
423.363	V	9.27	16.75	37.60	46	8.4

Table 2. Results for radiated spurious emissions < 1 GHz; Channel 1, 11 Mbps.

Frequency (MHz)	Polarization	Cable Loss (dB)	Antenna Factor dB(1/m)	Peak Amplitude (dB(μV/m))	Peak Limit (dB(μV/m))	Peak Margin (dB)	Average Amplitude (dB(μV/m))	Average Limit (dB(μV/m))	Average Margin (dB)
1266.2	H	-29.04	24.11	42.3	74	31.7	23.99	54	30.01
1333.5	V	-28.72	24.33	50.12	74	23.88	27.69	54	26.31
1452.8	V	-28.2	24.74	41.30	74	32.7	33.65	54	20.35
1501.7	V	-27.99	24.91	46.08	74	27.92	26.55	54	27.45
1713.1	H	-29.97	25.62	40.33	74	33.67	25.29	54	28.71
1735.0	H	-26.95	25.70	45.86	74	28.14	25.33	54	28.67
4823.9	V	6.2	33.27	63.67	77.52*	13.85	55.07	57.52*	2.45

Table 3. Results for radiated spurious emissions > 1 GHz; Channel 1, 11 Mbps (* measured at 2 meter distance).

Frequency (MHz)	Polarization	Cable Loss (dB)	Antenna Factor dB(1/m)	Quasi-peak Amplitude (dB(μV/m))	Quasi-peak Limit (dB(μV/m))	Quasi-peak Margin (dB)
64.575	V	7.07	5.97	30.48	40	9.52
66.409	V	7.09	6.11	30.80	40	9.2
80.226	H	7.26	7.45	31.82	40	8.18
199.835	H	8.04	8.92	31.68	43.5	11.82
200.266	V	8.04	8.93	34.72	43.5	8.79
423.353	V	9.27	16.75	37.67	46	8.33

Table 4. Results for radiated spurious emissions < 1 GHz; Channel 1, 48 Mbps.

Frequency (MHz)	Polarization	Cable Loss (dB)	Antenna Factor dB(1/m)	Peak Amplitude (dB(μV/m))	Peak Limit (dB(μV/m))	Peak Margin (dB)	Average Amplitude (dB(μV/m))	Average Limit (dB(μV/m))	Average Margin (dB)
1324.8	V	-28.74	24.30	49.42	74	24.58	29.46	54	24.54
1331.5	H	-28.73	24.33	46.01	74	27.99	26.08	54	27.92
1369.9	V	-28.53	24.46	46.97	74	27.03	25.40	54	28.6
1460.9	H	-28.16	24.77	44.63	74	29.37	25.37	54	28.63
1505.2	V	-27.98	24.92	43.78	74	30.22	25.44	54	28.56
1552.7	V	-27.74	25.08	45.24	74	28.76	24.97	54	29.04
1682.1	H	-27.17	25.52	43.24	74	30.76	25.58	54	28.42
4823.9	V	6.2	33.27	60.67	77.52*	16.85	54.01	57.52*	3.51

Table 5. Results for radiated spurious emissions > 1 GHz; Channel 1, 48 Mbps (* measured at 2 meter distance).

Frequency (MHz)	Polarization	Cable Loss (dB)	Antenna Factor dB(1/m)	Quasi-peak Amplitude (dB(μV/m))	Quasi-peak Limit (dB(μV/m))	Quasi-peak Margin (dB)
63.903	V	7.07	5.92	30.24	40	9.76
66.378	V	7.09	6.11	31.20	40	8.8
75.22	V	7.18	6.89	30.03	40	9.98
80.07	V	7.26	7.43	30.33	40	9.67
99.92	V	7.62	9.89	32.72	43.5	10.78
200.246	H	8.04	8.93	35.53	43.5	7.97

Table 6. Results for radiated spurious emissions < 1 GHz; Channel 6, 11 Mbps.

Frequency (MHz)	Polarization	Cable Loss (dB)	Antenna Factor dB(1/m)	Peak Amplitude (dB(μV/m))	Peak Limit (dB(μV/m))	Peak Margin (dB)	Average Amplitude (dB(μV/m))	Average Limit (dB(μV/m))	Average Margin (dB)
1288.6	V	-28.90	24.18	47.36	74	26.64	25.97	54	28.03
1329.7	V	-28.74	24.32	48.78	74	25.22	29.15	54	24.85
1370.1	H	-28.54	24.46	44.46	74	29.54	23.59	54	30.41
1505.4	V	-27.98	24.92	44.70	74	29.3	25.62	54	28.38
1687.3	H	-27.11	25.54	45.14	74	28.86	26.45	54	27.56
1735.2	H	-26.95	25.7	46.52	74	27.48	25.35	54	28.65
4874.0	V	6.2	33.42	61.67	77.52*	15.85	55.86	57.52*	1.66

Table 7. Results for radiated spurious emissions > 1 GHz; Channel 6, 11 Mbps (* measured at 2 meter distance).

Frequency (MHz)	Polarization	Cable Loss (dB)	Antenna Factor dB(1/m)	Quasi-peak Amplitude (dB(μV/m))	Quasi-peak Limit (dB(μV/m))	Quasi-peak Margin (dB)
63.943	V	7.07	5.92	29.96	40	10.04
79.214	H	7.24	7.32	29.68	40	10.32
84.265	H	7.34	8.06	31.66	40	8.34
200.236	H	8.04	8.93	37.12	43.5	6.38
233.182	H	8.49	10.54	34.23	46	11.77
423.363	V	9.27	16.75	37.61	46	8.39

Table 8. Results for radiated spurious emissions < 1 GHz; Channel 6, 48 Mbps.

Frequency (MHz)	Polarization	Cable Loss (dB)	Antenna Factor dB(1/m)	Peak Amplitude (dB(μV/m))	Peak Limit (dB(μV/m))	Peak Margin (dB)	Average Amplitude (dB(μV/m))	Average Limit (dB(μV/m))	Average Margin (dB)
1043.3	H	-29.83	23.35	39.59	74	34.41	22.74	54	31.26
1271.6	V	-28.99	24.12	48.45	74	25.55	28.67	54	25.33
1324.3	H	-28.74	24.30	45.73	74	28.27	26.03	54	27.97
1325.6	V	-28.74	24.31	50.47	74	23.53	29.63	54	24.37
1509.8	V	-27.97	24.93	44.99	74	29.01	26.16	54	27.84
1735.5	H	-26.95	25.70	46.78	74	27.22	25.80	54	28.2
4874.0	V	6.2	33.42	61.3	77.52*	16.22	55.92	57.52*	1.6

Table 9. Results for radiated spurious emissions > 1 GHz; Channel 6, 48 Mbps (* measured at 2 meter distance).

Frequency (MHz)	Polarization	Cable Loss (dB)	Antenna Factor dB(1/m)	Quasi-peak Amplitude (dB(μV/m))	Quasi-peak Limit (dB(μV/m))	Quasi-peak Margin (dB)
60.096	V	7.05	5.81	30.24	40	9.76
75.257	H	7.18	6.89	29.49	40	10.51
88.032	V	7.41	8.52	34.46	43.5	9.04
198.694	H	8.03	8.9	33.07	43.5	10.43
423.363	V	9.27	16.75	37.71	46	8.29
529.555	V	9.78	18.16	35.17	46	10.83

Table 10. Results for radiated spurious emissions < 1 GHz; Channel 11, 11 Mbps.

Frequency (MHz)	Polarization	Cable Loss (dB)	Antenna Factor dB(1/m)	Peak Amplitude (dB(μV/m))	Peak Limit (dB(μV/m))	Peak Margin (dB)	Average Amplitude (dB(μV/m))	Average Limit (dB(μV/m))	Average Margin (dB)
1289.1	V	-28.9	24.18	47.92	74	26.08	27.14	54	26.86
1331.5	V	-28.73	24.33	49.05	74	24.95	28.96	54	25.04
1335.9	H	-28.72	24.34	44.67	74	29.34	24.35	54	29.65
1369.5	V	-28.53	24.46	46.21	74	27.79	25.24	54	28.76
1370.3	H	-28.54	24.46	44.71	74	29.29	23.57	54	30.43
1460.9	H	-28.16	24.77	45.65	74	28.36	25.50	54	28.5
1512.5	V	-27.94	24.94	44.24	74	29.76	26.05	54	27.95
4924.0	H	6.2	33.57	67.87	77.52*	9.65	55.97	57.52*	1.55

Table 11. Results for radiated spurious emissions > 1 GHz; Channel 11, 11 Mbps (* measured at 2 meter distance).

Frequency (MHz)	Polarization	Cable Loss (dB)	Antenna Factor dB(1/m)	Quasi-peak Amplitude (dB(μV/m))	Quasi-peak Limit (dB(μV/m))	Quasi-peak Margin (dB)
75.227	H	7.18	6.89	29.73	40	10.27
86.6	V	7.39	8.35	33.92	40	6.08
87.11	V	7.40	8.41	34.42	40	5.58
98.302	H	7.6	9.71	32.50	43.5	11
198.674	H	8.03	8.9	32.75	43.5	10.75
529.626	V	9.78	18.16	35.71	46	10.29

Table 12. Results for radiated spurious emissions < 1 GHz; Channel 11, 48 Mbps.

Frequency (MHz)	Polarization	Cable Loss (dB)	Antenna Factor dB(1/m)	Peak Amplitude (dB(μV/m))	Peak Limit (dB(μV/m))	Peak Margin (dB)	Average Amplitude (dB(μV/m))	Average Limit (dB(μV/m))	Average Margin (dB)
1289.2	V	-28.90	24.18	47.92	74	26.08	27.22	54	26.78
1334.2	V	-28.72	24.34	48.67	74	25.33	27.59	54	26.41
1370.2	V	-28.54	24.46	47.36	74	26.64	25.17	54	28.83
1370.2	H	-28.54	24.46	44.46	74	29.54	23.59	54	30.41
1502.9	V	-27.99	24.91	44.68	74	29.32	26.11	54	27.89
1690.6	H	-27.08	25.55	45.84	74	28.16	26.77	54	27.23
4924.0	V	6.2	33.57	62.27	77.52*	15.25	56.77	57.52*	0.75

Table 13. Results for radiated spurious emissions > 1 GHz; Channel 11, 48 Mbps (* measured at 2 meter distance).

Frequency (MHz)	Polarization	Cable Loss (dB)	Antenna Factor dB(1/m)	Quasi-peak Amplitude (dB(μV/m))	Quasi-peak Limit (dB(μV/m))	Quasi-peak Margin (dB)
66.238	V	7.08	6.10	31.14	40	8.86
423.363	V	9.27	16.75	37.58	46	8.42
941.068	V	10.92	24.58	35.69	46	10.31
80.226	H	7.26	7.45	31.70	40	8.3
199.876	H	8.04	8.92	31.49	43.5	12.01
233.192	H	8.49	10.54	33.45	46	12.55

Table 14. Results for radiated spurious emissions < 1 GHz; constant receive mode.

Frequency (MHz)	Polarization	Cable Loss (dB)	Antenna Factor dB(1/m)	Peak Amplitude (dB(μV/m))	Peak Limit (dB(μV/m))	Peak Margin (dB)	Average Amplitude (dB(μV/m))	Average Limit (dB(μV/m))	Average Margin (dB)
4924.9	V	-29.35	33.57	54.83	74	19.17	52.57	54	1.53

Table 15. Results for radiated spurious emissions > 1 GHz; constant receive mode.

Figure 5. Test configuration for transmitter spurious emissions (front view).

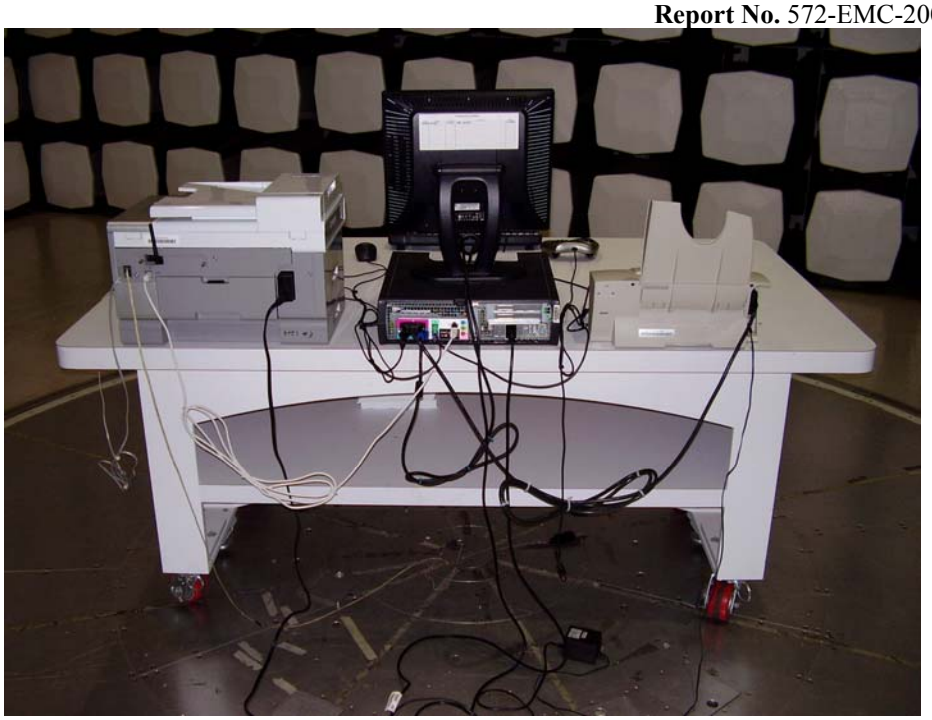


Figure 6. Test configuration for transmitter spurious emissions (rear view).

8.2 CONDUCTED EMISSIONS

Criteria for Conducted Emissions [1**]:** The emissions conducted onto the AC power line by the EUT shall not exceed the values in Table 16.

Frequency Range (MHz)	Quasi-peak Limit (dB(μV))	Average Limit (dB(μV))
0.15 - 0.5	66 to 56	56 to 46
0.5 - 5	56	46
5 - 30	60	50

Table 16. Limits for conducted emissions.

Test Procedure for Conducted Emissions: The test configuration shown in Figures 7 and 8 was used for this testing. Conducted emissions testing was performed in an 18 ft. x 18 ft. all-welded shielded room located at Lexmark International's EMC test facilities. This facility is registered with the FCC (registration number 949691).

The EUT configuration shown in Section 5 was placed atop a 0.8 meter high wooden table with a rectangular surface measuring 1.5m x 1.0m. The back edges of all devices were located 40 cm from the metal wall of the shielded room.

The AC line cord of the EUT was plugged into the LISN (Line Impedance Stabilization Network) with the excess of the EUT line cord length bundled in the center. The USB cable was draped down from the rear of the EUT and PC, but hung no closer than 40 cm to the floor (ground plane). The excess of these cables were serpentined to form a bundle 30-40 cm in length, with the overall length of the cable not to exceed 1.0 meter in length

The EUT was operated in either continuous transmit or continuous receive modes for this testing.

Results for Conducted Emissions: Tables 17 - 19 contain the conducted emission results for one mode on the high, low and middle channels. The EUT met the requirements for conducted emissions given in Table 16.

Frequency (MHz)	Line	Correction Factors (dB)	Quasi-peak Amplitude (dB(μV))	Quasi-peak Limit (dB(μV))	Quasi-peak Margin (dB)	Average Amplitude (dB(μV))	Average Limit (dB(μV))	Average Margin (dB)
0.151	P	11.22	49.74	65.97	16.23	21.68	55.97	34.29
0.152	N	11.22	49.8	65.95	**16.15**	21.63	55.95	34.32
0.156	P	11.22	49.42	65.84	16.42	21.31	55.84	34.53
0.168	N	10.69	47.93	65.48	17.55	25.56	55.48	29.92
0.190	N	10.69	45.39	64.86	19.47	18.97	54.86	35.89
2.001	P	10.20	34.5	56	21.5	29.89	46	**16.11**

Table 17. Limits for conducted emissions; constant transmit mode; Channel 1, 11 Mbps.

Frequency (MHz)	Line	Correction Factors (dB)	Quasi-peak Amplitude (dB(μV))	Quasi-peak Limit (dB(μV))	Quasi-peak Margin (dB)	Average Amplitude (dB(μV))	Average Limit (dB(μV))	Average Margin (dB)
0.152	P	11.22	50.06	65.95	15.89	21.76	55.95	34.19
0.176	P	10.69	47.69	65.25	17.56	37.67	55.25	17.58
2.001	P	10.20	34.21	56	21.79	29.15	46	**16.85**
20.161	P	10.89	32.51	60	27.49	28.18	50	21.82
0.153	N	11.22	50.17	65.91	**15.74**	21.83	55.91	34.08
0.179	N	10.69	47.5	65.18	17.68	35.49	55.18	19.69

Table 18. Limits for conducted emissions; constant transmit mode; hannel 6, 11 Mbps.

Frequency (MHz)	Line	Correction Factors (dB)	Quasi-peak Amplitude (dB(μV))	Quasi-peak Limit (dB(μV))	Quasi-peak Margin (dB)	Average Amplitude (dB(μV))	Average Limit (dB(μV))	Average Margin (dB)
0.156	P	11.22	50.04	65.82	15.78	21.69	55.82	34.13
0.157	N	11.22	50.05	65.79	**15.74**	21.63	55.79	34.16
0.175	P	10.69	48.09	65.28	17.19	37.31	55.28	17.97
0.176	N	10.69	48.2	65.25	17.05	37.37	55.25	17.88
1.999	P	10.20	34.83	56	21.17	29.55	46	**16.45**
8.634	P	10.51	31.59	60	28.41	27.02	50	22.98

Table 19. Limits for conducted emissions; constant transmit mode; Channel 11, 11 Mbps.

Figure 7. Test configuration for transmitter conducted emissions (front view).

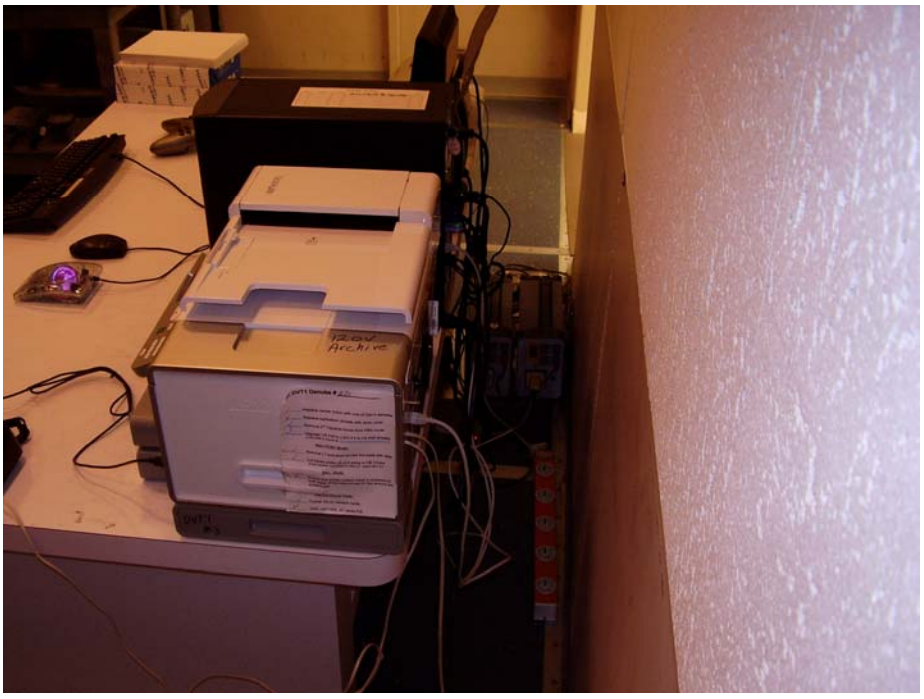


Figure 8. Test configuration for transmitter conducted emissions (side view).

9 NOTE

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