



RADIATED EMISSIONS

DATA SHEETS

FCC 15.247

Datamax / O'Neil

SDABG1

Model: WL430220

Configuration: In the LP3-L Printer

Date: 02/16/2010

Lab: B

Tested By: Kyle Fujimoto

Channel 1 - 802.11 b Mode

Power Level = 20

Transmit Mode - Desktop Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4824	48.55	V	74	-25.45	Peak	1.25	135	
4824	44.11	V	54	-9.89	Avg	1.25	135	
7236	46.69	V	74	-27.31	Peak	1.35	165	
7236	34.44	V	54	-19.56	Avg	1.35	165	
9648	45.57	V	--	--	Peak	1.58	175	Not in Restricted Band
9648	31.26	V	--	--	Avg	1.58	175	Not in Restricted Band
12060								No Emission
12060								Detected
14472								No Emission
14472								Detected
16884								No Emission
16884								Detected
19296								No Emission
19296								Detected
21708								No Emission
21708								Detected
24120								No Emission
24120								Detected

FCC 15.247

Datamax / O'Neil

SDABG1

Model: WL430220

Configuration: In the LP3-L Printer

Date: 02/16/2010

Lab: B

Tested By: Kyle Fujimoto

Channel 1 - 802.11 b Mode

Power Level = 20

Transmit Mode - Belt Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4824	50.63	V	74	-23.37	Peak	1.25	135	
4824	47.09	V	54	-6.91	Avg	1.25	135	
7236	47.46	V	74	-26.54	Peak	1.58	165	
7236	34.31	V	54	-19.69	Avg	1.58	165	
9648	46.22	V	--	--	Peak	1.25	165	Not in Restricted Band
9648	35.29	V	--	--	Avg	1.25	165	Not in Restricted Band
12060								No Emission
12060								Detected
14472								No Emission
14472								Detected
16884								No Emission
16884								Detected
19296								No Emission
19296								Detected
21708								No Emission
21708								Detected
24120								No Emission
24120								Detected

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SDABG1

Model: WL430220

Configuration: In the LP3-L Printer

Date: 02/16/2010

Lab: B

Tested By: Kyle Fujimoto

Channel 1 - 802.11 b Mode

Power Level = 20

Transmit Mode - Desktop Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4824	50.73	H	74	-23.27	Peak	1.25	135	
4824	47.61	H	54	-6.39	Avg	1.25	135	
7236	45.82	H	74	-28.18	Peak	1.35	165	
7236	34.24	H	54	-19.76	Avg	1.35	165	
9648	46.31	H	--	--	Peak	1.58	175	Not in Restricted Band
9648	35.15	H	--	--	Avg	1.58	175	Not in Restricted Band
12060								No Emission
12060								Detected
14472								No Emission
14472								Detected
16884								No Emission
16884								Detected
19296								No Emission
19296								Detected
21708								No Emission
21708								Detected
24120								No Emission
24120								Detected

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SDABG1

Model: WL430220

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Channel 1 - 802.11 b Mode

Power Level = 20

Transmit Mode - Belt Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4824	50.51	H	74	-23.49	Peak	1.25	135	
4824	47.11	H	54	-6.89	Avg	1.25	135	
7236	48.63	H	74	-25.37	Peak	1.58	195	
7236	34.31	H	54	-19.69	Avg	1.58	195	
9648	44.22	H	--	--	Peak	1.25	155	Not in Restricted Band
9648	31.44	H	--	--	Avg	1.25	155	Not in Restricted Band
12060								No Emission
12060								Detected
14472								No Emission
14472								Detected
16884								No Emission
16884								Detected
19296								No Emission
19296								Detected
21708								No Emission
21708								Detected
24120								No Emission
24120								Detected

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Datamax / O'Neil
 SDABG1
 Model: WL430220
 Configuration: In the LP3-L Printer

Date: 02/16/2010
 Lab: B
 Tested By: Kyle Fujimoto

Channel 6 - 802.11 b Mode Power Level = 20
Transmit Mode - Desktop Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4874	54.71	V	74	-19.29	Peak	1.25	135	
4874	52.88	V	54	-1.12	Avg	1.25	135	
7311	46.73	V	74	-27.27	Peak	1.35	165	
7311	33.59	V	54	-20.41	Avg	1.35	165	
9748	49.22	V	--	--	Peak	1.25	135	Not in Restricted Band
9748	38.89	V	--	--	Avg	1.25	135	Not in Restricted Band
12185								No Emission
12185								Detected
14622								No Emission
14622								Detected
17059								No Emission
17059								Detected
19496								No Emission
19496								Detected
21933								No Emission
21933								Detected
22001								No Emission
22001								Detected
24370								No Emission
24370								Detected

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Datamax / O'Neil
 SDABG1
 Model: WL430220
 Configuration: In the LP3-L Printer

Date: 02/16/2010
 Lab: B
 Tested By: Kyle Fujimoto

Channel 6 - 802.11 b Mode Power Level = 20
Transmit Mode - Belt Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4874	50.77	V	74	-23.23	Peak	1.25	155	
4874	44.63	V	54	-9.37	Avg	1.25	155	
7311	45.38	V	74	-28.62	Peak	1.65	175	
7311	33.92	V	54	-20.08	Avg	1.65	175	
9748	47.63	V	--	--	Peak	1.25	185	Not in Restricted Band
9748	32.44	V	--	--	Avg	1.25	185	Not in Restricted Band
12185								No Emission
12185								Detected
14622								No Emission
14622								Detected
17059								No Emission
17059								Detected
19496								No Emission
19496								Detected
21933								No Emission
21933								Detected
22001								No Emission
22001								Detected
24370								No Emission
24370								Detected

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Datamax / O'Neil
 SDABG1
 Model: WL430220
 Configuration: In the LP3-L Printer

Date: 02/16/2010
 Lab: B
 Tested By: Kyle Fujimoto

Channel 6 - 802.11 b Mode Power Level = 20
Transmit Mode - Desktop Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4874	54.36	H	74	-19.64	Peak	1.25	165	
4874	51.38	H	54	-2.62	Avg	1.25	165	
7311	45.86	H	74	-28.14	Peak	1.35	175	
7311	33.78	H	54	-20.22	Avg	1.35	175	
9748	49.01	H	--	--	Peak	1.25	165	Not in Restricted Band
9748	39.83	H	--	--	Avg	1.25	165	Not in Restricted Band
12185								No Emission
12185								Detected
14622								No Emission
14622								Detected
17059								No Emission
17059								Detected
19496								No Emission
19496								Detected
21933								No Emission
21933								Detected
22001								No Emission
22001								Detected
24370								No Emission
24370								Detected

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SDABG1

Model: WL430220

Configuration: In the LP3-L Printer

Date: 02/16/2010

Lab: B

Tested By: Kyle Fujimoto

Channel 6 - 802.11 b Mode

Power Level = 20

Transmit Mode - Belt Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4874	50.95	H	74	-23.05	Peak	1.25	165	
4874	48.08	H	54	-5.92	Avg	1.25	165	
7311	45.41	H	74	-28.59	Peak	1.65	175	
7311	33.62	H	54	-20.38	Avg	1.65	175	
9748	48.95	H	--	--	Peak	1.78	155	Not in Restricted Band
9748	37.16	H	--	--	Avg	1.78	155	Not in Restricted Band
12185								No Emission
12185								Detected
14622								No Emission
14622								Detected
17059								No Emission
17059								Detected
19496								No Emission
19496								Detected
21933								No Emission
21933								Detected
22001								No Emission
22001								Detected
24370								No Emission
24370								Detected

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Datamax / O'Neil
 SDABGI
 Model: WL430220
 Configuration: In the LP3-L Printer

Date: 02/16/2010
 Lab: B
 Tested By: Kyle Fujimoto

Channel 11 - 802.11 b Mode Power Level = 20
Transmit Mode - Desktop Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4924	55.25	V	74	-18.75	Peak	1.25	165	
4924	52.51	V	54	-1.49	Avg	1.25	165	
7386	44.04	V	74	-29.96	Peak	1.25	135	
7386	34.24	V	54	-19.76	Avg	1.25	135	
9848	49.63	V	--	--	Peak	1.35	165	Not in Restricted Band
9848	36.87	V	--	--	Avg	1.35	165	Not in Restricted Band
12310								No Emission
12310								Detected
14772								No Emission
14772								Detected
17234								No Emission
17234								Detected
19696								No Emission
19696								Detected
22158								No Emission
22158								Detected
24620								No Emission
24620								Detected

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Datamax / O'Neil

SDABG1

Model: WL430220

Configuration: In the LP3-L Printer

Date: 02/16/2010

Lab: B

Tested By: Kyle Fujimoto

Channel 11 - 802.11 b Mode

Power Level = 20

Transmit Mode - Belt Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4924	54.61	V	74	-19.39	Peak	1.25	135	
4924	52.16	V	54	-1.84	Avg	1.25	135	
7386	44.75	V	74	-29.25	Peak	1.65	175	
7386	33.63	V	54	-20.37	Avg	1.65	175	
9848	48.93	V	--	--	Peak	1.35	165	Not in Restricted Band
9848	35.96	V	--	--	Avg	1.35	165	Not in Restricted Band
12310								No Emission
12310								Detected
14772								No Emission
14772								Detected
17234								No Emission
17234								Detected
19696								No Emission
19696								Detected
22158								No Emission
22158								Detected
24620								No Emission
24620								Detected

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 SDABG1
 Model: WL430220
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Date: 02/16/2010
 Lab: B
 Tested By: Kyle Fujimoto

Channel 11 - 802.11 b Mode Power Level = 20
Transmit Mode - Desktop Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4924	55.74	H	74	-18.26	Peak	1.25	270	
4924	53.69	H	54	-0.31	Avg	1.25	270	
7386	45.71	H	74	-28.29	Peak	1.35	165	
7386	33.36	H	54	-20.64	Avg	1.35	165	
9848	51.58	H	--	--	Peak	1.25	165	Not in Restricted Band
9848	41.08	H	--	--	Avg	1.25	165	Not in Restricted Band
12310								No Emission
12310								Detected
14772								No Emission
14772								Detected
17234								No Emission
17234								Detected
19696								No Emission
19696								Detected
22158								No Emission
22158								Detected
24620								No Emission
24620								Detected

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SDABG1

Model: WL430220

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Date: 02/16/2010

Lab: B

Tested By: Kyle Fujimoto

Channel 11 - 802.11 b Mode

Power Level = 20

Transmit Mode - Belt Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4924	54.71	H	74	-19.29	Peak	1.25	135	
4924	52.11	H	54	-1.89	Avg	1.25	135	
7386	45.71	H	74	-28.29	Peak	1.35	165	
7386	33.49	H	54	-20.51	Avg	1.35	165	
9848	52.74	H	--	--	Peak	1.25	165	Not in Restricted Band
9848	47.09	H	--	--	Avg	1.25	165	Not in Restricted Band
12310								No Emission
12310								Detected
14772								No Emission
14772								Detected
17234								No Emission
17234								Detected
19696								No Emission
19696								Detected
22158								No Emission
22158								Detected
24620								No Emission
24620								Detected

FCC 15.247

Datamax / O'Neil
 SDABG1
 Model: WL430220
 Configuration: In the LP3-L Printer

Date: 02/16/2010
 Lab: B
 Tested By: Kyle Fujimoto

Channel 1 - 802.11 g Mode Power Level = 14
Transmit Mode - Desktop Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4824	47.89	V	74	-26.11	Peak	1.25	135	
4824	32.51	V	54	-21.49	Avg	1.25	135	
7236	48.57	V	74	-25.43	Peak	1.35	165	
7236	35.96	V	54	-18.04	Avg	1.35	165	
9648	48.03	V	--	--	Peak	1.58	165	Not in Restricted Band
9648	35.95	V	--	--	Avg	1.58	165	Not in Restricted Band
12060								No Emission
12060								Detected
14472								No Emission
14472								Detected
16884								No Emission
16884								Detected
19296								No Emission
19296								Detected
21708								No Emission
21708								Detected
24120								No Emission
24120								Detected

FCC 15.247

Datamax / O'Neil

SDABG1

Model: WL430220

Configuration: In the LP3-L Printer

Date: 02/16/2010

Lab: B

Tested By: Kyle Fujimoto

Channel 1 - 802.11 g Mode

Power Level = 14

Transmit Mode - Belt Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4824	49.33	V	74	-24.67	Peak	1.25	165	
4824	33.55	V	54	-20.45	Avg	1.25	165	
7236	49.26	V	74	-24.74	Peak	1.35	175	
7236	36.26	V	54	-17.74	Avg	1.35	175	
9648	48.09	V	--	--	Peak	1.25	150	Not in Restricted Band
9648	36.01	V	--	--	Avg	1.25	150	Not in Restricted Band
12060								No Emission
12060								Detected
14472								No Emission
14472								Detected
16884								No Emission
16884								Detected
19296								No Emission
19296								Detected
21708								No Emission
21708								Detected
24120								No Emission
24120								Detected

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Datamax / O'Neil
 SDABG1
 Model: WL430220
 Configuration: In the LP3-L Printer

Date: 02/16/2010
 Lab: B
 Tested By: Kyle Fujimoto

Channel 1 - 802.11 g Mode Power Level = 14
Transmit Mode - Desktop Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4824	44.08	H	74	-29.92	Peak	1.25	135	
4824	28.31	H	54	-25.69	Avg	1.25	135	
7236	46.37	H	74	-27.63	Peak	1.35	155	
7236	34.67	H	54	-19.33	Avg	1.35	155	
9648	43.59	H	--	--	Peak	1.65	175	Not in Restricted Band
9648	30.69	H	--	--	Avg	1.65	175	Not in Restricted Band
12060								No Emission
12060								Detected
14472								No Emission
14472								Detected
16884								No Emission
16884								Detected
19296								No Emission
19296								Detected
21708								No Emission
21708								Detected
24120								No Emission
24120								Detected

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Datamax / O'Neil

SDABG1

Model: WL430220

Configuration: In the LP3-L Printer

Date: 02/16/2010

Lab: B

Tested By: Kyle Fujimoto

Channel 1 - 802.11 g Mode

Power Level = 14

Transmit Mode - Belt Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4824	43.92	H	74	-30.08	Peak	1.25	165	
4824	28.65	H	54	-25.35	Avg	1.25	165	
7236	46.85	H	74	-27.15	Peak	1.35	165	
7236	34.66	H	54	-19.34	Avg	1.35	165	
9648	42.96	H	--	--	Peak	1.58	165	Not in Restricted Band
9648	30.72	H	--	--	Avg	1.58	165	Not in Restricted Band
12060								No Emission
12060								Detected
14472								No Emission
14472								Detected
16884								No Emission
16884								Detected
19296								No Emission
19296								Detected
21708								No Emission
21708								Detected
24120								No Emission
24120								Detected

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Datamax / O'Neil
 SDABG1
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 Configuration: In the LP3-L Printer

Date: 02/16/2010
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 Tested By: Kyle Fujimoto

Channel 6 - 802.11 g Mode Power Level = 14
Transmit Mode - Desktop Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4874	46.31	V	74	-27.69	Peak	1.25	135	
4874	32.86	V	54	-21.14	Avg	1.25	135	
7311	47.91	V	74	-26.09	Peak	1.58	165	
7311	35.91	V	54	-18.09	Avg	1.58	165	
9748	49.96	V	--	--	Peak	1.69	155	Not in Restricted Band
9748	37.29	V	--	--	Avg	1.69	155	Not in Restricted Band
12185								No Emission
12185								Detected
14622								No Emission
14622								Detected
17059								No Emission
17059								Detected
19496								No Emission
19496								Detected
21933								No Emission
21933								Detected
22001								No Emission
22001								Detected
24370								No Emission
24370								Detected

FCC 15.247

Datamax / O'Neil
 SDABG1
 Model: WL430220
 Configuration: In the LP3-L Printer

Date: 02/16/2010
 Lab: B
 Tested By: Kyle Fujimoto

Channel 6 - 802.11 g Mode Power Level = 14
Transmit Mode - Belt Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4874	47.41	V	74	-26.59	Peak	1.25	135	
4874	32.04	V	54	-21.96	Avg	1.25	135	
7311	47.51	V	74	-26.49	Peak	1.35	175	
7311	35.83	V	54	-18.17	Avg	1.35	175	
9748	49.01	V	--	--	Peak	1.25	195	Not in Restricted Band
9748	37.31	V	--	--	Avg	1.25	195	Not in Restricted Band
12185								No Emission
12185								Detected
14622								No Emission
14622								Detected
17059								No Emission
17059								Detected
19496								No Emission
19496								Detected
21933								No Emission
21933								Detected
22001								No Emission
22001								Detected
24370								No Emission
24370								Detected

FCC 15.247

Datamax / O'Neil
 SDABGI
 Model: WL430220
 Configuration: In the LP3-L Printer

Date: 02/16/2010
 Lab: B
 Tested By: Kyle Fujimoto

Channel 6 - 802.11 g Mode Power Level = 14
Transmit Mode - Desktop Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4874	48.29	H	74	-25.71	Peak	1.25	135	
4874	32.16	H	54	-21.84	Avg	1.25	135	
7311	45.59	H	74	-28.41	Peak	1.35	165	
7311	33.99	H	54	-20.01	Avg	1.35	165	
9748	44.68	H	--	--	Peak	1.25	165	Not in Restricted Band
9748	33.62	H	--	--	Avg	1.25	165	Not in Restricted Band
12185								No Emission
12185								Detected
14622								No Emission
14622								Detected
17059								No Emission
17059								Detected
19496								No Emission
19496								Detected
21933								No Emission
21933								Detected
22001								No Emission
22001								Detected
24370								No Emission
24370								Detected

FCC 15.247

Datamax / O'Neil

SDABG1

Model: WL430220

Configuration: In the LP3-L Printer

Date: 02/16/2010

Lab: B

Tested By: Kyle Fujimoto

Channel 6 - 802.11 g Mode

Power Level = 14

Transmit Mode - Belt Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4874	46.54	H	74	-27.46	Peak	1.25	135	
4874	33.21	H	54	-20.79	Avg	1.25	135	
7311	46.03	H	74	-27.97	Peak	1.25	155	
7311	34.66	H	54	-19.34	Avg	1.25	155	
9748	47.45	H	--	--	Peak	1.25	155	Not in Restricted Band
9748	34.11	H	--	--	Avg	1.25	155	Not in Restricted Band
12185								No Emission
12185								Detected
14622								No Emission
14622								Detected
17059								No Emission
17059								Detected
19496								No Emission
19496								Detected
21933								No Emission
21933								Detected
22001								No Emission
22001								Detected
24370								No Emission
24370								Detected

FCC 15.247

Datamax / O'Neil

SDABG1

Model: WL430220

Configuration: In the LP3-L Printer

Date: 02/16/2010

Lab: B

Tested By: Kyle Fujimoto

Channel 11 - 802.11 g Mode

Power Level = 14

Transmit Mode - Desktop Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4924	47.91	V	74	-26.09	Peak	1.25	135	
4924	32.81	V	54	-21.19	Avg	1.25	135	
7386	44.61	V	74	-29.39	Peak	1.55	165	
7386	33.17	V	54	-20.83	Avg	1.55	165	
9848	45.81	V	--	--	Peak	1.35	175	Not in Restricted Band
9848	33.67	V	--	--	Avg	1.35	175	Not in Restricted Band
12310								No Emission
12310								Detected
14772								No Emission
14772								Detected
17234								No Emission
17234								Detected
19696								No Emission
19696								Detected
22158								No Emission
22158								Detected
24620								No Emission
24620								Detected

FCC 15.247

Datamax / O'Neil

SDABG1

Model: WL430220

Configuration: In the LP3-L Printer

Date: 02/16/2010

Lab: B

Tested By: Kyle Fujimoto

Channel 11 - 802.11 g Mode

Power Level = 14

Transmit Mode - Belt Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4924	47.44	V	74	-26.56	Peak	1.25	135	
4924	31.54	V	54	-22.46	Avg	1.25	135	
7386	45.69	V	74	-28.31	Peak	1.35	165	
7386	33.456	V	54	-20.544	Avg	1.35	165	
9848	45.35	V	--	--	Peak	1.35	175	Not in Restricted Band
9848	33.62	V	--	--	Avg	1.35	175	Not in Restricted Band
12310								No Emission
12310								Detected
14772								No Emission
14772								Detected
17234								No Emission
17234								Detected
19696								No Emission
19696								Detected
22158								No Emission
22158								Detected
24620								No Emission
24620								Detected

FCC 15.247

Datamax / O'Neil

SDABG1

Model: WL430220

Configuration: In the LP3-L Printer

Date: 02/16/2010

Lab: B

Tested By: Kyle Fujimoto

Channel 11 - 802.11 g Mode

Power Level = 14

Transmit Mode - Desktop Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4924	46.38	H	74	-27.62	Peak	1.25	135	
4924	31.59	H	54	-22.41	Avg	1.25	135	
7386	45.51	H	74	-28.49	Peak	1.65	175	
7386	33.15	H	54	-20.85	Avg	1.65	175	
9848	45.75	H	--	--	Peak	1.25	135	Not in Restricted Band
9848	33.55	H	--	--	Avg	1.25	135	Not in Restricted Band
12310								No Emission
12310								Detected
14772								No Emission
14772								Detected
17234								No Emission
17234								Detected
19696								No Emission
19696								Detected
22158								No Emission
22158								Detected
24620								No Emission
24620								Detected

FCC 15.247

Datamax / O'Neil

SDABG1

Model: WL430220

Configuration: In the LP3-L Printer

Date: 02/16/2010

Lab: B

Tested By: Kyle Fujimoto

Channel 11 - 802.11 g Mode

Power Level = 14

Transmit Mode - Belt Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4924	48.82	H	74	-25.18	Peak	1.25	165	
4924	34.99	H	54	-19.01	Avg	1.25	165	
7386	44.62	H	74	-29.38	Peak	1.35	175	
7386	33.01	H	54	-20.99	Avg	1.35	175	
9848	44.91	H	--	--	Peak	1.25	165	Not in Restricted Band
9848	33.56	H	--	--	Avg	1.25	165	Not in Restricted Band
12310								No Emission
12310								Detected
14772								No Emission
14772								Detected
17234								No Emission
17234								Detected
19696								No Emission
19696								Detected
22158								No Emission
22158								Detected
24620								No Emission
24620								Detected

Test Location : Compatible Electronics	Page : 1/2
Customer : Datamax / O'Neil	Date : 3/10/2010
Manufacturer : Datamax / O'Neil	Time : 14:21:54
Eut name : SDABG1	Lab : A
Model : WL430220	Test Distance : 3.0 Meters
Serial # : N/A	
Specification : FCC B	
Distance correction factor (20 * log(test/spec)) : 0.00	
Test Mode : Radiated Emissions 10 kHz to 1 GHz Desktop and Belt Clip axis - TX and RX Battery and AC mode - in the LP3-L Printer Tested by: Alex Benitez	

Pol	Freq MHz	Rdng dBuV	Cable loss dB	Ant factor dB	Amp gain dB	Cor'd rdg = R dBuV	Limit = L dBuV/m	Delta R-L dB
1V	896.070	39.10	8.28	21.48	32.18	36.69	46.00	-9.31
2V	768.039	39.20	7.55	20.50	32.24	35.01	46.00	-10.99
3V	512.070	40.80	5.65	17.48	32.20	31.73	46.00	-14.27
4V	384.041	41.50	4.74	15.53	32.88	28.89	46.00	-17.11
5V	256.060	40.10	3.75	12.10	32.80	23.15	46.00	-22.85
6H	512.063	37.90	5.65	17.48	32.20	28.83	46.00	-17.17
7H	768.049	40.10	7.55	20.50	32.24	35.91	46.00	-10.09
8H	896.084	39.20	8.28	21.48	32.18	36.79	46.00	-9.21
The above 8 readings were taken in the desktop axis (TX) AC mode.								
9H	256.069	38.40	3.75	12.10	32.80	21.45	46.00	-24.55
10H	384.059	38.30	4.74	15.53	32.88	25.69	46.00	-20.31
11H	768.070	41.70	7.55	20.50	32.24	37.51	46.00	-8.49
12H	896.050	40.40	8.28	21.48	32.18	37.99	46.00	-8.01
13V	896.070	37.90	8.28	21.48	32.18	35.49	46.00	-10.51
14V	768.072	38.30	7.55	20.50	32.24	34.11	46.00	-11.89
15V	512.055	38.40	5.65	17.48	32.20	29.33	46.00	-16.67
The above 7 readings were taken in desktop axis (TX) Battery mode.								
16V	384.068	39.10	4.74	15.53	32.88	26.49	46.00	-19.51
17V	768.068	39.10	7.55	20.50	32.24	34.91	46.00	-11.09
18H	896.050	38.90	8.28	21.48	32.18	36.49	46.00	-9.51
19H	768.061	39.60	7.55	20.50	32.24	35.41	46.00	-10.59
The above 4 readings were taken in desktop axis (RX) AC mode.								
20H	512.065	39.60	5.65	17.48	32.20	30.53	46.00	-15.47
21H	768.077	40.10	7.55	20.50	32.24	35.91	46.00	-10.09
The above 2 readings were taken in desktop axis (RX) Battery mode.								
22H	768.084	40.00	7.55	20.50	32.24	35.81	46.00	-10.19
23H	896.088	39.10	8.28	21.48	32.18	36.69	46.00	-9.31
24H	512.080	36.10	5.65	17.48	32.20	27.03	46.00	-18.97
25V	512.076	40.30	5.65	17.48	32.20	31.23	46.00	-14.77
26V	768.086	40.10	7.55	20.50	32.24	35.91	46.00	-10.09
The above 5 readings were taken in belt clip axis (TX) AC mode.								
27V	896.073	40.80	8.28	21.48	32.18	38.39	46.00	-7.61
28V	768.059	40.10	7.55	20.50	32.24	35.91	46.00	-10.09
29H	768.084	39.50	7.55	20.50	32.24	35.31	46.00	-10.69
30H	896.094	38.70	8.28	21.48	32.18	36.29	46.00	-9.71
The above 4 readings were taken in belt clip axis (RX) AC mode.								

Test Location : Compatible Electronics **Page** : 2/2
Customer : Datamax / O'neil **Date** : 3/10/2010
Manufacturer : Datamax / O'neil **Time** : 14:21:54
Eut name : SDABGI **Lab** : A
Model : WL430220 **Test Distance** : 3.0 Meters
Serial # : N/A
Specification : FCC B
Distance correction factor (20 * log(test/spec)) : 0.00
Test Mode : Radiated Emissions 10 kHz to 1 GHz
 Desktop and Belt Clip axis - TX and RX
 Battery and AC mode - in the LP3-L Printer
 Tested by: Alex Benitez

Pol	Freq MHz	Rdng dBuV	Cable loss dB	Ant factor dB	Amp gain dB	Cor'd rdg = R dBuV	Limit = L dBuV/m	Delta R-L dB
31H	768.068	39.20	7.55	20.50	32.24	35.01	46.00	-10.99
32H	896.116	38.10	8.28	21.48	32.18	35.69	46.00	-10.31
33V	896.083	42.80	8.28	21.48	32.18	40.39	46.00	-5.61
34V	768.080	39.70	7.55	20.50	32.24	35.51	46.00	-10.49
The above 4 readings were taken in belt clip axis (RX) Battery mode.								
35V	768.112	40.60	7.55	20.50	32.24	36.41	46.00	-9.59
36V	896.084	43.10	8.28	21.48	32.18	40.69	46.00	-5.31
37H	896.079	39.00	8.28	21.48	32.18	36.59	46.00	-9.41
38H	768.092	39.60	7.55	20.50	32.24	35.41	46.00	-10.59
The above 4 readings were taken in belt clip axis (TX) Battery mode.								

