

FCC 15.247

Datamax / O'Neil
 SDABG1
 Model: WL430220
 Configuration: In the MF4t-L Printer

Date: 02/11/2010
 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	51.52	V	74	-22.48	Peak	1.25	180	
4824	47.89	V	54	-6.11	Avg	1.25	180	
7236	46.59	V	74	-27.41	Peak	1.35	125	
7236	35.07	V	54	-18.93	Avg	1.35	125	
9648	44.58	V	--	--	Peak	1.25	135	Not in Restricted Band
9648	31.42	V	--	--	Avg	1.25	135	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 MF4t-L Printer

Date: 02/11/2010
 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	54.72	V	74	-19.28	Peak	1.25	135	
4824	52.78	V	54	-1.22	Avg	1.25	135	
7236	48.53	V	74	-25.47	Peak	1.35	155	
7236	36.06	V	54	-17.94	Avg	1.35	155	
9648	49.01	V	--	--	Peak	1.25	135	Not in Restricted Band
9648	36.31	V	--	--	Avg	1.25	135	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 MF4t-L Printer

Date: 02/11/2010
 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	50.29	H	74	-23.71	Peak	2.25	225	
4824	46.98	H	54	-7.02	Avg	2.25	225	
7236	46.04	H	74	-27.96	Peak	1.25	135	
7236	34.56	H	54	-19.44	Avg	1.25	135	
9648	43.41	H	--	--	Peak	1.25	135	Not in Restricted Band
9648	32.12	H	--	--	Avg	1.25	135	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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 Date: 02/11/2010
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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	53.7	H	74	-20.3	Peak	1.25	90	
4824	51.68	H	54	-2.32	Avg	1.25	90	
7236	51.59	H	74	-22.41	Peak	1.35	155	
7236	40.06	H	54	-13.94	Avg	1.35	155	
9648	52.16	H	--	--	Peak	2.05	180	Not in Restricted Band
9648	39.58	H	--	--	Avg	2.05	180	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
 SDABGI
 Model: WL430220
 Configuration: In the MF4t-L Printer

Date: 02/11/2010
 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	50.92	V	74	-23.08	Peak	1.25	135	
4874	46.38	V	54	-7.62	Avg	1.25	135	
7311	46.38	V	74	-27.62	Peak	1.35	155	
7311	33.77	V	54	-20.23	Avg	1.35	155	
9748	45.81	V	--	--	Peak	1.45	135	Not in Restricted Band
9748	32.77	V	--	--	Avg	1.45	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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 SDABG1
 Model: WL430220
 Configuration: In the MF4t-L Printer

 Date: 02/11/2010
 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	53.27	V	74	-20.73	Peak	1.25	180	
4874	50.41	V	54	-3.59	Avg	1.25	180	
7311	45.11	V	74	-28.89	Peak	1.25	135	
7311	34.11	V	54	-19.89	Avg	1.25	135	
9748	45.12	V	--	--	Peak	1.25	135	Not in Restricted Band
9748	33.01	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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 SDABG1
 Model: WL430220
 Configuration: In the MF4t-L Printer

Date: 02/11/2010
 Lab: B
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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	49.29	H	74	-24.71	Peak	1.25	135	
4874	41.22	H	54	-12.78	Avg	1.25	135	
7311	45.22	H	74	-28.78	Peak	1.35	180	
7311	33.81	H	54	-20.19	Avg	1.35	180	
9748	45.42	H	--	--	Peak	1.55	165	Not in Restricted Band
9748	32.99	H	--	--	Avg	1.55	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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Transmit Mode - Belt Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4874	50.71	H	74	-23.29	Peak	1.25	135	
4874	46.22	H	54	-7.78	Avg	1.25	135	
7311	45.67	H	74	-28.33	Peak	1.35	155	
7311	33.93	H	54	-20.07	Avg	1.35	155	
9748	47.77	H	--	--	Peak	1.25	135	Not in Restricted Band
9748	32.72	H	--	--	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 MF4t-L Printer

 Date: 02/11/2010
 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	50.29	V	74	-23.71	Peak	1.25	135	
4924	45.51	V	54	-8.49	Avg	1.25	135	
7386	45.32	V	74	-28.68	Peak	1.35	155	
7386	33.03	V	54	-20.97	Avg	1.35	155	
9848	46.37	V	--	--	Peak	1.25	155	Not in Restricted Band
9848	35.86	V	--	--	Avg	1.25	155	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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 Lab: B
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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	52.04	V	74	-21.96	Peak	1.25	135	
4924	48.72	V	54	-5.28	Avg	1.25	135	
7386	46.45	V	74	-27.55	Peak	1.35	155	
7386	34.12	V	54	-19.88	Avg	1.35	155	
9848	46.76	V	--	--	Peak	1.58	155	Not in Restricted Band
9848	34.05	V	--	--	Avg	1.58	155	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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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	50.69	H	74	-23.31	Peak	1.25	135	
4924	46.42	H	54	-7.58	Avg	1.25	135	
7386	44.78	H	74	-29.22	Peak	1.15	115	
7386	33.04	H	54	-20.96	Avg	1.15	115	
9848	46.75	H	--	--	Peak	1.25	135	Not in Restricted Band
9848	34.43	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

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Date: 02/11/2010
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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	48.11	H	74	-25.89	Peak	1.25	135	
4924	38.53	H	54	-15.47	Avg	1.25	135	
7386	45.24	H	74	-28.76	Peak	1.35	155	
7386	33.22	H	54	-20.78	Avg	1.35	155	
9848	46.67	H	--	--	Peak	1.55	165	Not in Restricted Band
9848	35.43	H	--	--	Avg	1.55	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 MF4t-L Printer

Date: 02/11/2010
 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	50.41	V	74	-23.59	Peak	1.25	135	
4824	34.49	V	54	-19.51	Avg	1.25	135	
7236	49.62	V	74	-24.38	Peak	1.35	155	
7236	36.28	V	54	-17.72	Avg	1.35	155	
9648	49.11	V	--	--	Peak	1.25	155	Not in Restricted Band
9648	36.19	V	--	--	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

FCC 15.247

 Datamax / O'Neil
 SDABG1
 Model: WL430220
 Configuration: In the MF4t-L Printer

 Date: 02/11/2010
 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	53.17	V	74	-20.83	Peak	1.25	135	
4824	36.12	V	54	-17.88	Avg	1.25	135	
7236	48.57	V	74	-25.43	Peak	1.35	155	
7236	37.09	V	54	-16.91	Avg	1.35	155	
9648	48.07	V	--	--	Peak	1.59	135	Not in Restricted Band
9648	36.21	V	--	--	Avg	1.59	135	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 MF4t-L Printer

 Date: 02/11/2010
 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	52.52	H	74	-21.48	Peak	1.25	135	
4824	36.08	H	54	-17.92	Avg	1.25	135	
7236	49.65	H	74	-24.35	Peak	1.35	155	
7236	36.62	H	54	-17.38	Avg	1.35	155	
9648	51.48	H	--	--	Peak	1.55	175	Not in Restricted Band
9648	36.29	H	--	--	Avg	1.55	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 MF4t-L Printer

Date: 02/11/2010
 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	53.86	H	74	-20.14	Peak	1.25	135	
4824	37.21	H	54	-16.79	Avg	1.25	135	
7236	50.97	H	74	-23.03	Peak	1.35	155	
7236	36.69	H	54	-17.31	Avg	1.35	155	
9648	48.56	H	--	--	Peak	1.58	175	Not in Restricted Band
9648	36.44	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

FCC 15.247

Datamax / O'Neil
 802.11 a/b/g SD Module
 Model: SDABG1
 Configuration: In the MF4T-L Printer

Date: 02/11/2010
 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	44.45	V	74	-29.55	Peak	1.25	135	
4874	30.81	V	54	-23.19	Avg	1.25	135	
7311	46.58	V	74	-27.42	Peak	1.35	165	
7311	35.92	V	54	-18.08	Avg	1.35	165	
9748	49.49	V	--	--	Peak	1.25	135	Not in Restricted Band
9748	37.16	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

FCC 15.247

Datamax / O'Neil
 802.11 a/b/g SD Module
 Model: SDABG1
 Configuration: In the MF4T-L Printer

Date: 02/11/2010
 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	43.67	V	74	-30.33	Peak	1.25	135	
4874	31.19	V	54	-22.81	Avg	1.25	135	
7311	47.31	V	74	-26.69	Peak	1.35	155	
7311	35.29	V	54	-18.71	Avg	1.35	155	
9748	49.13	V	--	--	Peak	1.25	135	Not in Restricted Band
9748	37.19	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

FCC 15.247

Datamax / O'Neil
 802.11 a/b/g SD Module
 Model: SDABG1
 Configuration: In the MF4T-L Printer

Date: 02/11/2010
 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	43.35	H	74	-30.65	Peak	1.25	135	
4874	30.61	H	54	-23.39	Avg	1.25	135	
7311	45.57	H	74	-28.43	Peak	1.35	155	
7311	33.96	H	54	-20.04	Avg	1.35	155	
9748	34.04	H	--	--	Peak	1.58	135	Not in Restricted Band
9748	33.18	H	--	--	Avg	1.58	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

FCC 15.247

 Datamax / O'Neil
 802.11 a/b/g SD Module
 Model: SDABG1
 Configuration: In the MF4T-L Printer

 Date: 02/11/2010
 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	44.71	H	74	-29.29	Peak	1.25	135	
4874	30.19	H	54	-23.81	Avg	1.25	135	
7311	45.57	H	74	-28.43	Peak	1.35	155	
7311	34.51	H	54	-19.49	Avg	1.35	155	
9748	46.38	H	--	--	Peak	1.25	135	Not in Restricted Band
9748	33.96	H	--	--	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

FCC 15.247

Datamax / O'Neil
 SDABG1
 Model: WL430220
 Configuration: In the MF4t-L Printer

Date: 02/11/2010
 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	43.82	V	74	-30.18	Peak	1.58	135	
4924	30.24	V	54	-23.76	Avg	1.58	135	
7386	47.65	V	74	-26.35	Peak	1.35	165	
7386	34.21	V	54	-19.79	Avg	1.35	165	
9848	46.11	V	--	--	Peak	1.25	175	Not in Restricted Band
9848	34.48	V	--	--	Avg	1.25	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 MF4t-L Printer

Date: 02/11/2010
 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	42.71	V	74	-31.29	Peak	1.25	135	
4924	30.22	V	54	-23.78	Avg	1.25	135	
7386	46.25	V	74	-27.75	Peak	1.35	155	
7386	34.18	V	54	-19.82	Avg	1.35	155	
9848	47.49	V	--	--	Peak	1.59	135	Not in Restricted Band
9848	34.45	V	--	--	Avg	1.59	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 MF4t-L Printer

 Date: 02/11/2010
 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	42.35	H	74	-31.65	Peak	1.25	135	
4924	30.34	H	54	-23.66	Avg	1.25	135	
7386	46.19	H	74	-27.81	Peak	1.35	155	
7386	34.22	H	54	-19.78	Avg	1.35	155	
9848	45.28	H	--	--	Peak	1.58	175	Not in Restricted Band
9848	34.26	H	--	--	Avg	1.58	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 MF4t-L Printer

Date: 02/11/2010
 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	44.77	H	74	-29.23	Peak	1.25	135	
4924	29.91	H	54	-24.09	Avg	1.25	135	
7386	47.81	H	74	-26.19	Peak	1.58	135	
7386	33.88	H	54	-20.12	Avg	1.58	135	
9848	46.51	H	--	--	Peak	1.59	135	Not in Restricted Band
9848	34.51	H	--	--	Avg	1.59	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

Test Location : Compatible Electronics	Page : 1/1
Customer : DataMax/O'neil	Date : 3/08/2010
Manufacturer : DataMax/O'neil	Time : 8:38:56
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 - i the MF4T-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
1H	256.087	45.70	3.75	12.10	32.80	28.75	46.00	-17.25
2H	384.098	42.50	4.74	15.53	32.88	29.89	46.00	-16.11
3H	768.074	37.20	7.55	20.50	32.24	33.01	46.00	-12.99
4H	896.047	37.50	8.28	21.48	32.18	35.09	46.00	-10.91
5V	896.041	36.30	8.28	21.48	32.18	33.89	46.00	-12.11
6V	256.058	40.80	3.75	12.10	32.80	23.85	46.00	-22.15
The above 6 readings were taken in the belt clip axis on battery mode.								
7H	896.040	37.10	8.28	21.48	32.18	34.69	46.00	-11.31
8H	256.061	46.90	3.75	12.10	32.80	29.95	46.00	-16.05
9H	384.065	43.50	4.74	15.53	32.88	30.89	46.00	-15.11
The above 3 readings were taken in the desktop axis on battery mode.								
10H	896.056	36.90	8.28	21.48	32.18	34.49	46.00	-11.51
11H	768.056	36.60	7.55	20.50	32.24	32.41	46.00	-13.59
12H	384.049	43.20	4.74	15.53	32.88	30.59	46.00	-15.41
13H	256.042	46.30	3.75	12.10	32.80	29.35	46.00	-16.65
The above 4 readings were taken in the desktop axis on AC mode.								
14H	256.050	49.50	3.75	12.10	32.80	32.55	46.00	-13.45
15H	384.068	44.60	4.74	15.53	32.88	31.99	46.00	-14.01
The above 2 readings were taken in the desktop axis (RX) on AC mode.								
16H	256.060	46.80	3.75	12.10	32.80	29.85	46.00	-16.15
17H	384.049	43.90	4.74	15.53	32.88	31.29	46.00	-14.71
The above 2 readings were taken in the belt clip axis (RX) on AC.								

FCC 15.247 and FCC Class B

 Datamax / O'Neil
 SDABG1
 Model: WL430220
 Configuration: In the MF4t-L Printer

 Date: 02/11/2010
 Lab: B
 Tested By: Kyle Fujimoto

Non Harmonic Emissions from the Tx and Digital Portion – 1 GHz to 25000 MHz

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
								No Emissions Found for the Digital Portion in 802.11 g Mode from 1 GHz to 25000 MHz for both Vertical and Horizontal Polarizations
								No Non Harmonic Emissions Found for the Tx Mode in 802.11 g Mode from 1 GHz to 25000 MHz for both Vertical and Horizontal Polarizations
								Investigated in Desktop and Belt Axis

