

**FCC 15.247**

 Datamax / O'Neil  
 SDABG1  
 Model: WL430220  
 Configuration: In the MF2t-L Printer

 Date: 02/17/2010  
 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	48.78	V	74	-25.22	Peak	1.25	165	
4824	43.88	V	54	-10.12	Avg	1.25	165	
7236	45.77	V	74	-28.23	Peak	1.15	135	
7236	35.05	V	54	-18.95	Avg	1.15	135	
9648	43.16	V	--	--	Peak	1.25	155	Not in Restricted Band
9648	31.07	V	--	--	Avg	1.25	155	Not in Restricted Band
12060								<b>No Emission</b>
12060								<b>Detected</b>
14472								<b>No Emission</b>
14472								<b>Detected</b>
16884								<b>No Emission</b>
16884								<b>Detected</b>
19296								<b>No Emission</b>
19296								<b>Detected</b>
21708								<b>No Emission</b>
21708								<b>Detected</b>
24120								<b>No Emission</b>
24120								<b>Detected</b>

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 SDABG1  
 Model: WL430220  
 Configuration: In the MF2t-L Printer

Date: 02/17/2010  
 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	53.79	V	74	-20.21	Peak	1.25	135	
4824	51.24	V	54	-2.76	Avg	1.25	135	
7236	47.49	V	74	-26.51	Peak	1.35	165	
7236	34.21	V	54	-19.79	Avg	1.35	165	
9648	45.91	V	--	--	Peak	1.25	165	Not in Restricted Band
9648	31.21	V	--	--	Avg	1.25	165	Not in Restricted Band
12060								<b>No Emission</b>
12060								<b>Detected</b>
14472								<b>No Emission</b>
14472								<b>Detected</b>
16884								<b>No Emission</b>
16884								<b>Detected</b>
19296								<b>No Emission</b>
19296								<b>Detected</b>
21708								<b>No Emission</b>
21708								<b>Detected</b>
24120								<b>No Emission</b>
24120								<b>Detected</b>

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**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	54.44	H	74	-19.56	Peak	1.25	155	
4824	51.99	H	54	-2.01	Avg	1.25	155	
7236	46.71	H	74	-27.29	Peak	1.35	165	
7236	34.89	H	54	-19.11	Avg	1.35	165	
9648	46.29	H	--	--	Peak	1.35	165	Not in Restricted Band
9648	31.07	H	--	--	Avg	1.35	165	Not in Restricted Band
12060								<b>No Emission</b>
12060								<b>Detected</b>
14472								<b>No Emission</b>
14472								<b>Detected</b>
16884								<b>No Emission</b>
16884								<b>Detected</b>
19296								<b>No Emission</b>
19296								<b>Detected</b>
21708								<b>No Emission</b>
21708								<b>Detected</b>
24120								<b>No Emission</b>
24120								<b>Detected</b>

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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	51.63	H	74	-22.37	Peak	1.25	135	
4824	48.47	H	54	-5.53	Avg	1.25	135	
7236	45.78	H	74	-28.22	Peak	1.35	165	
7236	34.49	H	54	-19.51	Avg	1.35	165	
9648	46.43	H	--	--	Peak	1.25	135	Not in Restricted Band
9648	36.61	H	--	--	Avg	1.25	135	Not in Restricted Band
12060								<b>No Emission</b>
12060								<b>Detected</b>
14472								<b>No Emission</b>
14472								<b>Detected</b>
16884								<b>No Emission</b>
16884								<b>Detected</b>
19296								<b>No Emission</b>
19296								<b>Detected</b>
21708								<b>No Emission</b>
21708								<b>Detected</b>
24120								<b>No Emission</b>
24120								<b>Detected</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	52.26	V	74	-21.74	Peak	1.25	135	
4874	49.51	V	54	-4.49	Avg	1.25	135	
7311	45.76	V	74	-28.24	Peak	1.35	165	
7311	33.54	V	54	-20.46	Avg	1.35	165	
9748	45.31	V	--	--	Peak	1.25	175	Not in Restricted Band
9748	32.69	V	--	--	Avg	1.25	175	Not in Restricted Band
12185								<b>No Emission</b>
12185								<b>Detected</b>
14622								<b>No Emission</b>
14622								<b>Detected</b>
17059								<b>No Emission</b>
17059								<b>Detected</b>
19496								<b>No Emission</b>
19496								<b>Detected</b>
21933								<b>No Emission</b>
21933								<b>Detected</b>
22001								<b>No Emission</b>
22001								<b>Detected</b>
24370								<b>No Emission</b>
24370								<b>Detected</b>

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**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	53.24	V	74	-20.76	Peak	1.25	135	
4874	50.15	V	54	-3.85	Avg	1.25	135	
7311	46.12	V	74	-27.88	Peak	1.25	155	
7311	33.56	V	54	-20.44	Avg	1.25	155	
9748	45.41	V	--	--	Peak	1.65	175	Not in Restricted Band
9748	33.29	V	--	--	Avg	1.65	175	Not in Restricted Band
12185								<b>No Emission</b>
12185								<b>Detected</b>
14622								<b>No Emission</b>
14622								<b>Detected</b>
17059								<b>No Emission</b>
17059								<b>Detected</b>
19496								<b>No Emission</b>
19496								<b>Detected</b>
21933								<b>No Emission</b>
21933								<b>Detected</b>
22001								<b>No Emission</b>
22001								<b>Detected</b>
24370								<b>No Emission</b>
24370								<b>Detected</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	46.59	H	74	-27.41	Peak	1.25	135	
4874	38.91	H	54	-15.09	Avg	1.25	135	
7311	44.88	H	74	-29.12	Peak	1.35	165	
7311	33.79	H	54	-20.21	Avg	1.35	165	
9748	44.46	H	--	--	Peak	1.25	185	Not in Restricted Band
9748	32.75	H	--	--	Avg	1.25	185	Not in Restricted Band
12185								<b>No Emission</b>
12185								<b>Detected</b>
14622								<b>No Emission</b>
14622								<b>Detected</b>
17059								<b>No Emission</b>
17059								<b>Detected</b>
19496								<b>No Emission</b>
19496								<b>Detected</b>
21933								<b>No Emission</b>
21933								<b>Detected</b>
22001								<b>No Emission</b>
22001								<b>Detected</b>
24370								<b>No Emission</b>
24370								<b>Detected</b>

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**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	50.98	H	74	-23.02	Peak	1.25	165	
4874	46.61	H	54	-7.39	Avg	1.25	165	
7311	46.29	H	74	-27.71	Peak	1.35	175	
7311	33.97	H	54	-20.03	Avg	1.35	175	
9748	45.08	H	--	--	Peak	1.25	165	Not in Restricted Band
9748	32.71	H	--	--	Avg	1.25	165	Not in Restricted Band
12185								<b>No Emission</b>
12185								<b>Detected</b>
14622								<b>No Emission</b>
14622								<b>Detected</b>
17059								<b>No Emission</b>
17059								<b>Detected</b>
19496								<b>No Emission</b>
19496								<b>Detected</b>
21933								<b>No Emission</b>
21933								<b>Detected</b>
22001								<b>No Emission</b>
22001								<b>Detected</b>
24370								<b>No Emission</b>
24370								<b>Detected</b>



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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	47.31	V	74	-26.69	Peak	1.25	165	
4924	36.34	V	54	-17.66	Avg	1.25	165	
7386	45.08	V	74	-28.92	Peak	1.35	175	
7386	33.43	V	54	-20.57	Avg	1.35	175	
9848	46.83	V	--	--	Peak	1.25	135	Not in Restricted Band
9848	33.98	V	--	--	Avg	1.25	135	Not in Restricted Band
12310								<b>No Emission</b>
12310								<b>Detected</b>
14772								<b>No Emission</b>
14772								<b>Detected</b>
17234								<b>No Emission</b>
17234								<b>Detected</b>
19696								<b>No Emission</b>
19696								<b>Detected</b>
22158								<b>No Emission</b>
22158								<b>Detected</b>
24620								<b>No Emission</b>
24620								<b>Detected</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	52.36	V	74	-21.64	Peak	1.25	135	
4924	49.31	V	54	-4.69	Avg	1.25	135	
7386	44.61	V	74	-29.39	Peak	1.35	155	
7386	33.51	V	54	-20.49	Avg	1.35	155	
9848	47.75	V	--	--	Peak	1.25	165	Not in Restricted Band
9848	34.39	V	--	--	Avg	1.25	165	Not in Restricted Band
12310								<b>No Emission</b>
12310								<b>Detected</b>
14772								<b>No Emission</b>
14772								<b>Detected</b>
17234								<b>No Emission</b>
17234								<b>Detected</b>
19696								<b>No Emission</b>
19696								<b>Detected</b>
22158								<b>No Emission</b>
22158								<b>Detected</b>
24620								<b>No Emission</b>
24620								<b>Detected</b>

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 Datamax / O'Neil  
 SDABGI  
 Model: WL430220  
 Configuration: In the MF2t-L Printer

 Date: 02/17/2010  
 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	49.59	H	74	-24.41	Peak	1.25	135	
4924	45.88	H	54	-8.12	Avg	1.25	135	
7386	44.84	H	74	-29.16	Peak	1.35	165	
7386	33.71	H	54	-20.29	Avg	1.35	165	
9848	46.43	H	--	--	Peak	1.25	175	Not in Restricted Band
9848	34.44	H	--	--	Avg	1.25	175	Not in Restricted Band
12310								<b>No Emission</b>
12310								<b>Detected</b>
14772								<b>No Emission</b>
14772								<b>Detected</b>
17234								<b>No Emission</b>
17234								<b>Detected</b>
19696								<b>No Emission</b>
19696								<b>Detected</b>
22158								<b>No Emission</b>
22158								<b>Detected</b>
24620								<b>No Emission</b>
24620								<b>Detected</b>

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 Datamax / O'Neil  
 SDABG1  
 Model: WL430220  
 Configuration: In the MF2t-L Printer

 Date: 02/17/2010  
 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	48.38	H	74	-25.62	Peak	1.25	135	
4924	41.36	H	54	-12.64	Avg	1.25	135	
7386	44.35	H	74	-29.65	Peak	1.35	165	
7386	33.19	H	54	-20.81	Avg	1.35	165	
9848	44.44	H	--	--	Peak	1.25	165	Not in Restricted Band
9848	34.15	H	--	--	Avg	1.25	165	Not in Restricted Band
12310								<b>No Emission</b>
12310								<b>Detected</b>
14772								<b>No Emission</b>
14772								<b>Detected</b>
17234								<b>No Emission</b>
17234								<b>Detected</b>
19696								<b>No Emission</b>
19696								<b>Detected</b>
22158								<b>No Emission</b>
22158								<b>Detected</b>
24620								<b>No Emission</b>
24620								<b>Detected</b>

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 Datamax / O'Neil  
 SDABG1  
 Model: WL430220  
 Configuration: In the MF2t-L Printer

 Date: 02/17/2010  
 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	42.15	V	74	-31.85	Peak	1.25	135	
4824	28.55	V	54	-25.45	Avg	1.25	135	
7236	46.81	V	74	-27.19	Peak	1.35	170	
7236	34.89	V	54	-19.11	Avg	1.35	170	
9648	41.41	V	--	--	Peak	1.58	135	Not in Restricted Band
9648	30.84	V	--	--	Avg	1.58	135	Not in Restricted Band
12060								<b>No Emission</b>
12060								<b>Detected</b>
14472								<b>No Emission</b>
14472								<b>Detected</b>
16884								<b>No Emission</b>
16884								<b>Detected</b>
19296								<b>No Emission</b>
19296								<b>Detected</b>
21708								<b>No Emission</b>
21708								<b>Detected</b>
24120								<b>No Emission</b>
24120								<b>Detected</b>

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**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	47.37	V	74	-26.63	Peak	1.25	135	
4824	34.45	V	54	-19.55	Avg	1.25	135	
7236	46.72	V	74	-27.28	Peak	1.35	165	
7236	35.15	V	54	-18.85	Avg	1.35	165	
9648	42.39	V	--	--	Peak	1.25	135	Not in Restricted Band
9648	30.84	V	--	--	Avg	1.25	135	Not in Restricted Band
12060								<b>No Emission</b>
12060								<b>Detected</b>
14472								<b>No Emission</b>
14472								<b>Detected</b>
16884								<b>No Emission</b>
16884								<b>Detected</b>
19296								<b>No Emission</b>
19296								<b>Detected</b>
21708								<b>No Emission</b>
21708								<b>Detected</b>
24120								<b>No Emission</b>
24120								<b>Detected</b>

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**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	51.47	H	74	-22.53	Peak	1.25	135	
4824	36.53	H	54	-17.47	Avg	1.25	135	
7236	47.51	H	74	-26.49	Peak	1.35	155	
7236	36.31	H	54	-17.69	Avg	1.35	155	
9648	48.25	H	--	--	Peak	1.25	155	Not in Restricted Band
9648	36.24	H	--	--	Avg	1.25	155	Not in Restricted Band
12060								<b>No Emission</b>
12060								<b>Detected</b>
14472								<b>No Emission</b>
14472								<b>Detected</b>
16884								<b>No Emission</b>
16884								<b>Detected</b>
19296								<b>No Emission</b>
19296								<b>Detected</b>
21708								<b>No Emission</b>
21708								<b>Detected</b>
24120								<b>No Emission</b>
24120								<b>Detected</b>

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 Lab: B  
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**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	48.27	H	74	-25.73	Peak	1.25	135	
4824	34.26	H	54	-19.74	Avg	1.25	135	
7236	51.21	H	74	-22.79	Peak	1.35	165	
7236	36.66	H	54	-17.34	Avg	1.35	165	
9648	48.51	H	--	--	Peak	1.25	175	Not in Restricted Band
9648	36.18	H	--	--	Avg	1.25	175	Not in Restricted Band
12060								<b>No Emission</b>
12060								<b>Detected</b>
14472								<b>No Emission</b>
14472								<b>Detected</b>
16884								<b>No Emission</b>
16884								<b>Detected</b>
19296								<b>No Emission</b>
19296								<b>Detected</b>
21708								<b>No Emission</b>
21708								<b>Detected</b>
24120								<b>No Emission</b>
24120								<b>Detected</b>



**FCC 15.247**

Datamax / O'Neil  
 SDABG1  
 Model: WL430220  
 Configuration: In the MF2t-L Printer

Date: 02/17/2010  
 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	44.11	V	74	-29.89	Peak	1.25	135	
4874	29.98	V	54	-24.02	Avg	1.25	135	
7311	45.09	V	74	-28.91	Peak	1.35	165	
7311	34.62	V	54	-19.38	Avg	1.35	165	
9748	47.08	V	--	--	Peak	1.25	180	Not in Restricted Band
9748	33.66	V	--	--	Avg	1.25	180	Not in Restricted Band
12185								<b>No Emission</b>
12185								<b>Detected</b>
14622								<b>No Emission</b>
14622								<b>Detected</b>
17059								<b>No Emission</b>
17059								<b>Detected</b>
19496								<b>No Emission</b>
19496								<b>Detected</b>
21933								<b>No Emission</b>
21933								<b>Detected</b>
22001								<b>No Emission</b>
22001								<b>Detected</b>
24370								<b>No Emission</b>
24370								<b>Detected</b>

**FCC 15.247**

Datamax / O'Neil  
 SDABG1  
 Model: WL430220  
 Configuration: In the MF2t-L Printer

Date: 02/17/2010  
 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	48.26	V	74	-25.74	Peak	1.25	165	
4874	32.93	V	54	-21.07	Avg	1.25	165	
7311	50.35	V	74	-23.65	Peak	1.69	125	
7311	34.57	V	54	-19.43	Avg	1.69	125	
9748	48	V	--	--	Peak	1.25	165	Not in Restricted Band
9748	32.61	V	--	--	Avg	1.25	165	Not in Restricted Band
12185								<b>No Emission</b>
12185								<b>Detected</b>
14622								<b>No Emission</b>
14622								<b>Detected</b>
17059								<b>No Emission</b>
17059								<b>Detected</b>
19496								<b>No Emission</b>
19496								<b>Detected</b>
21933								<b>No Emission</b>
21933								<b>Detected</b>
22001								<b>No Emission</b>
22001								<b>Detected</b>
24370								<b>No Emission</b>
24370								<b>Detected</b>

**FCC 15.247**

 Datamax / O'Neil  
 SDABG1  
 Model: WL430220  
 Configuration: In the MF2t-L Printer

 Date: 02/17/2010  
 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	43.11	H	74	-30.89	Peak	1.25	165	
4874	30.28	H	54	-23.72	Avg	1.25	165	
7311	44.08	H	74	-29.92	Peak	1.35	175	
7311	34.51	H	54	-19.49	Avg	1.35	175	
9748	45.56	H	--	--	Peak	1.25	165	Not in Restricted Band
9748	33.83	H	--	--	Avg	1.25	165	Not in Restricted Band
12185								<b>No Emission</b>
12185								<b>Detected</b>
14622								<b>No Emission</b>
14622								<b>Detected</b>
17059								<b>No Emission</b>
17059								<b>Detected</b>
19496								<b>No Emission</b>
19496								<b>Detected</b>
21933								<b>No Emission</b>
21933								<b>Detected</b>
22001								<b>No Emission</b>
22001								<b>Detected</b>
24370								<b>No Emission</b>
24370								<b>Detected</b>

**FCC 15.247**

Datamax / O'Neil  
 SDABG1  
 Model: WL430220  
 Configuration: In the MF2t-L Printer

Date: 02/17/2010  
 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	43.89	H	74	-30.11	Peak	1.25	165	
4874	30.28	H	54	-23.72	Avg	1.25	165	
7311	46.56	H	74	-27.44	Peak	1.69	155	
7311	34.18	H	54	-19.82	Avg	1.69	155	
9748	47.16	H	--	--	Peak	1.25	165	Not in Restricted Band
9748	33.97	H	--	--	Avg	1.25	165	Not in Restricted Band
12185								<b>No Emission</b>
12185								<b>Detected</b>
14622								<b>No Emission</b>
14622								<b>Detected</b>
17059								<b>No Emission</b>
17059								<b>Detected</b>
19496								<b>No Emission</b>
19496								<b>Detected</b>
21933								<b>No Emission</b>
21933								<b>Detected</b>
22001								<b>No Emission</b>
22001								<b>Detected</b>
24370								<b>No Emission</b>
24370								<b>Detected</b>

**FCC 15.247**

Datamax / O'Neil  
 SDABG1  
 Model: WL430220  
 Configuration: In the MF2t-L Printer

Date: 02/17/2010  
 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	42.05	V	74	-31.95	Peak	1.25	135	
4924	29.98	V	54	-24.02	Avg	1.25	135	
7386	45.53	V	74	-28.47	Peak	1.53	165	
7386	33.42	V	54	-20.58	Avg	1.53	165	
9848	45.11	V	--	--	Peak	1.25	169	Not in Restricted Band
9848	33.89	V	--	--	Avg	1.25	169	Not in Restricted Band
12310								<b>No Emission</b>
12310								<b>Detected</b>
14772								<b>No Emission</b>
14772								<b>Detected</b>
17234								<b>No Emission</b>
17234								<b>Detected</b>
19696								<b>No Emission</b>
19696								<b>Detected</b>
22158								<b>No Emission</b>
22158								<b>Detected</b>
24620								<b>No Emission</b>
24620								<b>Detected</b>

**FCC 15.247**

Datamax / O'Neil  
 SDABG1  
 Model: WL430220  
 Configuration: In the MF2t-L Printer

Date: 02/17/2010  
 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	45.93	V	74	-28.07	Peak	1.25	135	
4924	32.51	V	54	-21.49	Avg	1.25	135	
7386	45.76	V	74	-28.24	Peak	1.35	165	
7386	33.49	V	54	-20.51	Avg	1.35	165	
9848	45.89	V	--	--	Peak	1.25	165	Not in Restricted Band
9848	34.04	V	--	--	Avg	1.25	165	Not in Restricted Band
12310								<b>No Emission</b>
12310								<b>Detected</b>
14772								<b>No Emission</b>
14772								<b>Detected</b>
17234								<b>No Emission</b>
17234								<b>Detected</b>
19696								<b>No Emission</b>
19696								<b>Detected</b>
22158								<b>No Emission</b>
22158								<b>Detected</b>
24620								<b>No Emission</b>
24620								<b>Detected</b>

**FCC 15.247**

Datamax / O'Neil  
 SDABG1  
 Model: WL430220  
 Configuration: In the MF2t-L Printer

Date: 02/17/2010  
 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	41.91	H	74	-32.09	Peak	1.25	165	
4924	30.11	H	54	-23.89	Avg	1.25	165	
7386	45.19	H	74	-28.81	Peak	1.58	175	
7386	33.55	H	54	-20.45	Avg	1.58	175	
9848	45.79	H	--	--	Peak	1.68	175	Not in Restricted Band
9848	34.07	H	--	--	Avg	1.68	175	Not in Restricted Band
12310								<b>No Emission</b>
12310								<b>Detected</b>
14772								<b>No Emission</b>
14772								<b>Detected</b>
17234								<b>No Emission</b>
17234								<b>Detected</b>
19696								<b>No Emission</b>
19696								<b>Detected</b>
22158								<b>No Emission</b>
22158								<b>Detected</b>
24620								<b>No Emission</b>
24620								<b>Detected</b>

**FCC 15.247**

 Datamax / O'Neil  
 SDABG1  
 Model: WL430220  
 Configuration: In the MF2t-L Printer

 Date: 02/17/2010  
 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	42.51	H	74	-31.49	Peak	1.35	165	
4924	30.03	H	54	-23.97	Avg	1.35	165	
7386	45.71	H	74	-28.29	Peak	1.58	165	
7386	33.59	H	54	-20.41	Avg	1.58	165	
9848	47.67	H	--	--	Peak	1.35	175	Not in Restricted Band
9848	34.06	H	--	--	Avg	1.35	175	Not in Restricted Band
12310								<b>No Emission</b>
12310								<b>Detected</b>
14772								<b>No Emission</b>
14772								<b>Detected</b>
17234								<b>No Emission</b>
17234								<b>Detected</b>
19696								<b>No Emission</b>
19696								<b>Detected</b>
22158								<b>No Emission</b>
22158								<b>Detected</b>
24620								<b>No Emission</b>
24620								<b>Detected</b>



<b>Test Location</b> : Compatible Electronics	<b>Page</b> : 1/1
<b>Customer</b> : Datamax / O'Neil	<b>Date</b> : 3/03/2010
<b>Manufacturer</b> : Datamax / O'Neil	<b>Time</b> : 8:47:38
<b>Eut name</b> : SDABG1	<b>Lab</b> : A
<b>Model</b> : WL430220	<b>Test Distance</b> : 3.0 Meters
<b>Serial #</b> : N/A	
<b>Specification</b> : FCC B	
<b>Distance correction factor (20 * log(test/spec))</b> : 0.00	
<b>Test Mode</b> : Test Type: Radiated Emissions - 10 kHz to 1 GHz (Vert. & Horiz.)	
Test Config.: in the MF2t-L Printer - #1 to #15 is Transmit Mode	
Test Engineer: Kyle Fujimoto	
Power Supply: Fairway Electronic Co. Ltd., VEG20C-120F	

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	63.653	43.50	1.04	11.74	33.10	23.18	40.00	-16.82
2V	86.053	48.60	1.06	8.12	32.90	24.88	40.00	-15.12
3V	108.983	39.60	1.32	9.90	32.94	17.88	43.50	-25.62
4V	116.786	39.50	1.41	9.90	32.97	17.84	43.50	-25.66
5V	127.423	34.00	1.51	10.35	32.99	12.87	43.50	-30.63
6V	139.297	44.90	1.56	10.11	32.94	23.63	43.50	-19.87
7V	151.583	43.70	1.63	8.90	32.90	21.33	43.50	-22.17
8V	343.304	39.50	3.14	14.79	32.61	24.82	46.00	-21.18
9V	362.383	43.80	3.23	15.15	32.70	29.47	46.00	-16.53
10V	384.061	40.40	3.27	15.53	32.88	26.32	46.00	-19.68
11V	647.928	40.40	4.50	19.15	32.01	32.03	46.00	-13.97
12V	768.057	38.30	5.37	20.50	32.24	31.94	46.00	-14.06
13H	125.931	36.60	1.50	10.38	33.00	15.49	43.50	-28.01
14H	384.061	38.70	3.27	15.53	32.88	24.62	46.00	-21.38
15H	512.069	36.70	3.95	17.48	32.20	25.93	46.00	-20.07

Receive Mode - "X" Axis (Worst Case)

16H	128.134	42.00	1.51	10.33	32.99	20.86	43.50	-22.64
17H	144.075	43.30	1.58	9.60	32.92	21.56	43.50	-21.94
18H	172.069	39.10	1.96	9.95	32.90	18.11	43.50	-25.39
19H	264.069	37.40	2.56	12.62	32.80	19.78	46.00	-26.22
20H	384.075	36.20	3.27	15.53	32.88	22.12	46.00	-23.88
21V	30.020	44.30	0.60	18.10	33.10	29.90	40.00	-10.10
22V	305.160	40.80	2.76	14.01	32.69	24.88	46.00	-21.12
23V	512.031	38.40	3.95	17.48	32.20	27.63	46.00	-18.37
24V	768.048	38.70	5.37	20.50	32.24	32.33	46.00	-13.67

**FCC 15.247 and FCC Class B**

Datamax / O'Neil  
 SDABG1  
 Model: WL430220  
 Configuration: In the MF2t-L Printer

Date: 02/12/2010  
 Lab: B  
 Tested By: Kyle Fujimoto

**Non Harmonic Emissions from the Tx and Digital Portion -- 10 kHz 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 b Mode
								from 10 kHz to 25000 MHz
								for both Vertical and Horizontal
								Polarizations
								No Non Harmonic Emissions Found
								for the Tx Mode in 802.11 b Mode
								from 10 kHz to 25000 MHz
								for both Vertical and Horizontal
								Polarizations
								Investigated in
								Desktop and Belt Axis

**FCC 15.247 and FCC Class B**

Datamax / O'Neil  
 SDABG1  
 Model: WL430220

Date: 02/17/2010  
 Lab: B  
 Tested By: Kyle Fujimoto

Configuration: In the MF2t-L Printer

**Non Harmonic Emissions from the Tx and Digital Portion -- 10 kHz 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 10 kHz to 25000 MHz for both Vertical and Horizontal Polarizations
								No Non Harmonic Emissions Found for the Tx Mode in 802.11 g Mode from 10 kHz to 25000 MHz for both Vertical and Horizontal Polarizations
								Investigated in Desktop and Belt Axis

**FCC Class B and RSS-210**

Datamax / O'Neil  
 SDABG1  
 Model: WL430220  
 Configuration: In the MF2t-L Printer

Date: 02/12/2010  
 Lab: B  
 Tested By: Kyle Fujimoto

**Channel 6 - 802.11 b Mode  
 Receive Mode**

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

**FCC Class B and RSS-210**

Datamax / O'Neil  
 SDABG1  
 Model: WL430220  
 Configuration: In the MF2t-L Printer

Date: 02/17/2010  
 Lab: B  
 Tested By: Kyle Fujimoto

**Channel 6 - 802.11 g Mode**

**Receive Mode**

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