

FCC 15.247

 Datamax / O'Neil
 SDABG1
 Model: WL430220
 Configuration: In the OC2 Printer

 Date: 02/15/2010
 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	49.34	V	74	-24.66	Peak	1.25	135	
4824	45.48	V	54	-8.52	Avg	1.25	135	
7236	47.62	V	74	-26.38	Peak	1.35	165	
7236	34.36	V	54	-19.64	Avg	1.35	165	
9648	44.52	V	--	--	Peak	1.55	165	Not in Restricted Band
9648	32.83	V	--	--	Avg	1.55	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
 Model: WL430220
 Configuration: In the OC2 Printer

 Date: 02/15/2010
 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	50.03	V	74	-23.97	Peak	1.25	135	
4824	46.69	V	54	-7.31	Avg	1.25	135	
7236	46.57	V	74	-27.43	Peak	1.35	155	
7236	34.38	V	54	-19.62	Avg	1.35	155	
9648	43.51	V	--	--	Peak	1.58	165	Not in Restricted Band
9648	30.91	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

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 SDABG1
 Model: WL430220
 Configuration: In the OC2 Printer

Date: 02/15/2010
 Lab: B
 Tested By: Kyle Fujimoto

Channel 1 - 802.11 b Mode Power Level = 20
Transmit Mode - Charging Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4824	49.66	V	74	-24.34	Peak	1.25	135	
4824	45.96	V	54	-8.04	Avg	1.25	135	
7236	47.08	V	74	-26.92	Peak	1.35	155	
7236	34.48	V	54	-19.52	Avg	1.35	155	
9648	43.37	V	--	--	Peak	1.25	155	Not in Restricted Band
9648	31.09	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

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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	52.26	H	74	-21.74	Peak	1.25	135	
4824	49.07	H	54	-4.93	Avg	1.25	135	
7236	47.82	H	74	-26.18	Peak	1.35	165	
7236	35.91	H	54	-18.09	Avg	1.35	165	
9648	48.11	H	--	--	Peak	1.25	165	Not in Restricted Band
9648	36.23	H	--	--	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 OC2 Printer

Date: 02/15/2010
 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	52.59	H	74	-21.41	Peak	1.25	135	
4824	49.29	H	54	-4.71	Avg	1.25	135	
7236	48.08	H	74	-25.92	Peak	1.35	165	
7236	35.99	H	54	-18.01	Avg	1.35	165	
9648	47.89	H	--	--	Peak	1.25	135	Not in Restricted Band
9648	36.19	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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 SDABG1
 Model: WL430220
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Date: 02/15/2010
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 Tested By: Kyle Fujimoto

Channel 1 - 802.11 b Mode Power Level = 20
Transmit Mode - Charging Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4824	49.46	H	74	-24.54	Peak	1.25	135	
4824	42.95	H	54	-11.05	Avg	1.25	135	
7236	48.67	H	74	-25.33	Peak	1.35	165	
7236	36.01	H	54	-17.99	Avg	1.35	165	
9648	50.56	H	--	--	Peak	1.25	165	Not in Restricted Band
9648	36.27	H	--	--	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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 Datamax / O'Neil
 SDABG1
 Model: WL430220
 Configuration: In the OC2 Printer

 Date: 02/15/2010
 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	47.77	V	74	-26.23	Peak	1.25	135	
4874	39.31	V	54	-14.69	Avg	1.25	135	
7311	46.16	V	74	-27.84	Peak	1.35	155	
7311	33.81	V	54	-20.19	Avg	1.35	155	
9748	44.01	V	--	--	Peak	1.65	125	Not in Restricted Band
9748	32.13	V	--	--	Avg	1.65	125	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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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	51.91	V	74	-22.09	Peak	1.25	135	
4874	49.14	V	54	-4.86	Avg	1.25	135	
7311	46.11	V	74	-27.89	Peak	1.58	155	
7311	33.75	V	54	-20.25	Avg	1.58	155	
9748	46.54	V	--	--	Peak	1.25	135	Not in Restricted Band
9748	32.22	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
 SDABGI
 Model: WL430220
 Configuration: In the OC2 Printer

Date: 02/15/2010
 Lab: B
 Tested By: Kyle Fujimoto

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

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4874	49.75	V	74	-24.25	Peak	1.25	135	
4874	45.84	V	54	-8.16	Avg	1.25	135	
7311	46.08	V	74	-27.92	Peak	1.25	155	
7311	33.79	V	54	-20.21	Avg	1.25	155	
9748	46.93	V	--	--	Peak	1.35	165	Not in Restricted Band
9748	32.06	V	--	--	Avg	1.35	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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Datamax / O'Neil
 SDABG1
 Model: WL430220
 Configuration: In the OC2 Printer

Date: 02/15/2010
 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	52.75	H	74	-21.25	Peak	1.25	135	
4874	49.85	H	54	-4.15	Avg	1.25	135	
7311	47.23	H	74	-26.77	Peak	1.35	155	
7311	35.45	H	54	-18.55	Avg	1.35	155	
9748	47.87	H	--	--	Peak	1.25	135	Not in Restricted Band
9748	36.21	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 OC2 Printer

 Date: 02/15/2010
 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	52.22	H	74	-21.78	Peak	1.25	135	
4874	48.45	H	54	-5.55	Avg	1.25	135	
7311	47.56	H	74	-26.44	Peak	1.35	155	
7311	35.45	H	54	-18.55	Avg	1.35	155	
9748	48.37	H	--	--	Peak	1.25	135	Not in Restricted Band
9748	36.23	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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 SDABG1
 Model: WL430220
 Configuration: In the OC2 Printer

Date: 02/15/2010
 Lab: B
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Channel 6 - 802.11 b Mode Power Level = 20
Transmit Mode - Charging Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4874	47.87	H	74	-26.13	Peak	1.25	135	
4874	41.77	H	54	-12.23	Avg	1.25	135	
7311	47.31	H	74	-26.69	Peak	1.35	165	
7311	35.51	H	54	-18.49	Avg	1.35	165	
9748	48.07	H	--	--	Peak	1.25	155	Not in Restricted Band
9748	36.61	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

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Datamax / O'Neil
 SDABG1
 Model: WL430220
 Configuration: In the OC2 Printer

Date: 02/15/2010
 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	49.51	V	74	-24.49	Peak	1.25	135	
4924	44.05	V	54	-9.95	Avg	1.25	135	
7386	48.31	V	74	-25.69	Peak	1.35	155	
7386	35.33	V	54	-18.67	Avg	1.35	155	
9848	47.96	V	--	--	Peak	1.25	135	Not in Restricted Band
9848	36.49	V	--	--	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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Datamax / O'Neil
 SDABGI
 Model: WL430220
 Configuration: In the OC2 Printer

Date: 02/15/2010
 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	53.51	V	74	-20.49	Peak	1.25	135	
4924	50.41	V	54	-3.59	Avg	1.25	135	
7386	46.89	V	74	-27.11	Peak	1.35	155	
7386	35.32	V	54	-18.68	Avg	1.35	155	
9848	48.14	V	--	--	Peak	1.25	135	Not in Restricted Band
9848	36.62	V	--	--	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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Datamax / O'Neil
 SDABGI
 Model: WL430220
 Configuration: In the OC2 Printer

Date: 02/15/2010
 Lab: B
 Tested By: Kyle Fujimoto

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

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4924	49.89	V	74	-24.11	Peak	1.25	135	
4924	43.18	V	54	-10.82	Avg	1.25	135	
7386	47.28	V	74	-26.72	Peak	1.35	165	
7386	35.35	V	54	-18.65	Avg	1.35	165	
9848	48.44	V	--	--	Peak	1.58	135	Not in Restricted Band
9848	36.41	V	--	--	Avg	1.58	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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Transmit Mode - Desktop Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4924	49.45	H	74	-24.55	Peak	1.25	135	
4924	41.81	H	54	-12.19	Avg	1.25	135	
7386	47.18	H	74	-26.82	Peak	1.55	165	
7386	35.41	H	54	-18.59	Avg	1.55	165	
9848	48.61	H	--	--	Peak	1.75	185	Not in Restricted Band
9848	36.49	H	--	--	Avg	1.75	185	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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 Model: WL430220
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Date: 02/15/2010
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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	53.24	H	74	-20.76	Peak	1.25	135	
4924	50.31	H	54	-3.69	Avg	1.25	135	
7386	47.45	H	74	-26.55	Peak	1.35	165	
7386	35.35	H	54	-18.65	Avg	1.35	165	
9848	48.91	H	--	--	Peak	1.25	155	Not in Restricted Band
9848	36.74	H	--	--	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
 Configuration: In the OC2 Printer

Date: 02/15/2010
 Lab: B
 Tested By: Kyle Fujimoto

Channel 11 - 802.11 b Mode Power Level = 20
Transmit Mode - Charging

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4924	49.18	H	74	-24.82	Peak	1.25	135	
4924	42.39	H	54	-11.61	Avg	1.25	135	
7386	47.59	H	74	-26.41	Peak	1.35	165	
7386	35.31	H	54	-18.69	Avg	1.35	165	
9848	47.61	H	--	--	Peak	1.25	155	Not in Restricted Band
9848	36.61	H	--	--	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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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	42.64	V	74	-31.36	Peak	1.25	155	
4824	29.68	V	54	-24.32	Avg	1.25	155	
7236	48.07	V	74	-25.93	Peak	1.65	135	
7236	35.99	V	54	-18.01	Avg	1.65	135	
9648	48.81	V	--	--	Peak	1.25	135	Not in Restricted Band
9648	36.11	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

FCC 15.247

 Datamax / O'Neil
 SDABG1
 Model: WL430220
 Configuration: In the OC2 Printer

 Date: 02/15/2010
 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	43.24	V	74	-30.76	Peak	1.25	165	
4824	30.61	V	54	-23.39	Avg	1.25	165	
7236	47.55	V	74	-26.45	Peak	1.58	135	
7236	35.91	V	54	-18.09	Avg	1.58	135	
9648	48.28	V	--	--	Peak	1.25	195	Not in Restricted Band
9648	36.11	V	--	--	Avg	1.25	195	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 OC2 Printer

Date: 02/15/2010
 Lab: B
 Tested By: Kyle Fujimoto

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

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4824	45.48	V	74	-28.52	Peak	1.25	135	
4824	32.18	V	54	-21.82	Avg	1.25	135	
7236	49.82	V	74	-24.18	Peak	1.35	165	
7236	35.81	V	54	-18.19	Avg	1.35	165	
9648	49.11	V	--	--	Peak	1.58	175	Not in Restricted Band
9648	36.08	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 OC2 Printer

 Date: 02/15/2010
 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	43.73	H	74	-30.27	Peak	1.25	165	
4824	31.68	H	54	-22.32	Avg	1.25	165	
7236	47.11	H	74	-26.89	Peak	1.25	165	
7236	35.99	H	54	-18.01	Avg	1.25	165	
9648	49.07	H	--	--	Peak	1.35	155	Not in Restricted Band
9648	36.22	H	--	--	Avg	1.35	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 OC2 Printer

Date: 02/15/2010
 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	42.34	H	74	-31.66	Peak	1.25	135	
4824	29.71	H	54	-24.29	Avg	1.25	135	
7236	46.94	H	74	-27.06	Peak	1.35	125	
7236	35.91	H	54	-18.09	Avg	1.35	125	
9648	47.48	H	--	--	Peak	1.58	135	Not in Restricted Band
9648	36.13	H	--	--	Avg	1.58	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

FCC 15.247

 Datamax / O'Neil
 SDABG1
 Model: WL430220
 Configuration: In the OC2 Printer

 Date: 02/15/2010
 Lab: B
 Tested By: Kyle Fujimoto

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

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4824	49.37	H	74	-24.63	Peak	1.25	135	
4824	36.14	H	54	-17.86	Avg	1.25	135	
7236	47.21	H	74	-26.79	Peak	1.35	158	
7236	36.41	H	54	-17.59	Avg	1.35	158	
9648	47.73	H	--	--	Peak	1.35	165	Not in Restricted Band
9648	36.11	H	--	--	Avg	1.35	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
 SDABGI
 Model: WL430220
 Configuration: In the OC2 Printer

 Date: 02/15/2010
 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	42.81	V	74	-31.19	Peak	1.25	165	
4874	30.14	V	54	-23.86	Avg	1.25	165	
7311	45.71	V	74	-28.29	Peak	1.35	175	
7311	34.35	V	54	-19.65	Avg	1.35	175	
9748	46.15	V	--	--	Peak	1.55	185	Not in Restricted Band
9748	33.81	V	--	--	Avg	1.55	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

FCC 15.247

Datamax / O'Neil
 SDABG1
 Model: WL430220
 Configuration: In the OC2 Printer

Date: 02/15/2010
 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	V	74	-27.46	Peak	1.25	165	
4874	32.22	V	54	-21.78	Avg	1.25	165	
7311	46.71	V	74	-27.29	Peak	1.35	175	
7311	34.45	V	54	-19.55	Avg	1.35	175	
9748	46.41	V	--	--	Peak	1.25	135	Not in Restricted Band
9748	33.99	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
 SDABG1
 Model: WL430220
 Configuration: In the OC2 Printer

 Date: 02/15/2010
 Lab: B
 Tested By: Kyle Fujimoto

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

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4874	45.83	V	74	-28.17	Peak	1.25	135	
4874	29.46	V	54	-24.54	Avg	1.25	135	
7311	45.32	V	74	-28.68	Peak	1.35	165	
7311	34.43	V	54	-19.57	Avg	1.35	165	
9748	46.55	V	--	--	Peak	1.25	165	Not in Restricted Band
9748	34.06	V	--	--	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 OC2 Printer

Date: 02/15/2010
 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	41.68	H	74	-32.32	Peak	1.25	165	
4874	30.28	H	54	-23.72	Avg	1.25	165	
7311	45.93	H	74	-28.07	Peak	1.35	175	
7311	34.55	H	54	-19.45	Avg	1.35	175	
9748	46.25	H	--	--	Peak	1.45	165	Not in Restricted Band
9748	34.01	H	--	--	Avg	1.45	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 OC2 Printer

Date: 02/15/2010
 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	49.84	H	74	-24.16	Peak	1.25	135	
4874	34.68	H	54	-19.32	Avg	1.25	135	
7311	44.64	H	74	-29.36	Peak	1.58	165	
7311	34.41	H	54	-19.59	Avg	1.58	165	
9748	45.41	H	--	--	Peak	1.25	175	Not in Restricted Band
9748	33.82	H	--	--	Avg	1.25	175	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 OC2 Printer

Date: 02/15/2010
 Lab: B
 Tested By: Kyle Fujimoto

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

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4874	43.25	H	74	-30.75	Peak	1.25	135	
4874	30.18	H	54	-23.82	Avg	1.25	135	
7311	45.86	H	74	-28.14	Peak	1.35	165	
7311	34.43	H	54	-19.57	Avg	1.35	165	
9748	47.21	H	--	--	Peak	1.58	135	Not in Restricted Band
9748	33.88	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
 SDABG1
 Model: WL430220
 Configuration: In the OC2 Printer

Date: 02/15/2010
 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	44.31	V	74	-29.69	Peak	1.25	155	
4924	30.88	V	54	-23.12	Avg	1.25	155	
7386	47.71	V	74	-26.29	Peak	1.35	165	
7386	35.56	V	54	-18.44	Avg	1.35	165	
9848	48.01	V	--	--	Peak	1.26	175	Not in Restricted Band
9848	36.37	V	--	--	Avg	1.26	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
 802.11 a/b/g SD Module
 Model: SDABG1
 Configuration: In the OC2 Printer

Date: 02/15/2010
 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	42.81	V	74	-31.19	Peak	1.25	135	
4924	30.92	V	54	-23.08	Avg	1.25	135	
7386	46.97	V	74	-27.03	Peak	1.58	165	
7386	35.65	V	54	-18.35	Avg	1.58	165	
9848	48.59	V	--	--	Peak	1.68	135	Not in Restricted Band
9848	36.41	V	--	--	Avg	1.68	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 OC2 Printer

Date: 02/15/2010
 Lab: B
 Tested By: Kyle Fujimoto

Channel 11 - 802.11 g Mode Power Level = 14
Transmit Mode - Charging Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4924	42.83	V	74	-31.17	Peak	1.25	135	
4924	32.44	V	54	-21.56	Avg	1.25	135	
7386	46.75	V	74	-27.25	Peak	1.35	165	
7386	35.27	V	54	-18.73	Avg	1.35	165	
9848	48.28	V	--	--	Peak	1.55	165	Not in Restricted Band
9848	36.37	V	--	--	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 OC2 Printer

 Date: 02/15/2010
 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	49.97	H	74	-24.03	Peak	1.25	135	
4924	31.94	H	54	-22.06	Avg	1.25	135	
7386	46.62	H	74	-27.38	Peak	1.35	145	
7386	35.75	H	54	-18.25	Avg	1.35	145	
9848	47.92	H	--	--	Peak	1.25	175	Not in Restricted Band
9848	36.43	H	--	--	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 OC2 Printer

 Date: 02/15/2010
 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	49.24	H	74	-24.76	Peak	1.25	155	
4924	31.46	H	54	-22.54	Avg	1.25	155	
7386	46.21	H	74	-27.79	Peak	1.35	175	
7386	35.53	H	54	-18.47	Avg	1.35	175	
9848	49.19	H	--	--	Peak	1.45	185	Not in Restricted Band
9848	36.37	H	--	--	Avg	1.54	185	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 OC2 Printer

Date: 02/15/2010
 Lab: B
 Tested By: Kyle Fujimoto

Channel 11 - 802.11 g Mode Power Level = 14
Transmit Mode - Charging

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4924	44.57	H	74	-29.43	Peak	1.25	165	
4924	30.94	H	54	-23.06	Avg	1.25	165	
7386	47.14	H	74	-26.86	Peak	1.35	175	
7386	35.73	H	54	-18.27	Avg	1.35	175	
9848	48.39	H	--	--	Peak	1.65	180	Not in Restricted Band
9848	36.38	H	--	--	Avg	1.65	180	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	: O'Neil Product Development	Date	: 2/26/2010
Manufacturer	: O'Neil Product Development	Time	: 17:03:24
Eut name	: SDABG1 Module	Lab	: A
Model	: OC2	Test Distance	: 3.0 Meters
Serial #	: N/A		
Specification	: FCC B		
Distance correction factor	(20 * log(test/spec))		: 0.00
Test Type:	Radiated Emissions - 10 kHz to 1 GHz (V & H)		
Test Range:	in the OC2 Printer		
Test Engineer:	James Ross		
Power Supply:	Fairway Electronic Co. Ltd., Model VEG20C-120F		

Pol	Freq MHz	Rdng dBuV	Cable loss dB	Ant factor dB	Amp gain dB	Cor'd rdg = R dBuV	Li mit = L dBuV/m	Delta R-L dB
Receive Mode - "Z" Axis (Worst Case)								
H	384.055	41.70	3.27	15.53	32.88	27.62	46.00	-18.38
H	512.051	38.80	3.95	17.48	32.20	28.03	46.00	-17.97
H	128.051	42.50	1.51	10.34	32.99	21.36	43.50	-22.14
H	768.051	39.00	5.37	20.50	32.24	32.63	46.00	-13.37
V	128.056	45.70	1.51	10.34	32.99	24.56	43.50	-18.94
V	384.063	39.10	3.27	15.53	32.88	25.02	46.00	-20.98
V	512.063	40.70	3.95	17.48	32.20	29.93	46.00	-16.07
V	768.068	38.50	5.37	20.50	32.24	32.14	46.00	-13.86
Transmit Mode - "Z" Axis (Worst Case)								
V	128.061	46.20	1.51	10.34	32.99	25.06	43.50	-18.44
V	384.062	40.70	3.27	15.53	32.88	26.62	46.00	-19.38
V	512.062	40.30	3.95	17.48	32.20	29.53	46.00	-16.47
V	768.062	37.00	5.37	20.50	32.24	30.64	46.00	-15.36
H	128.056	42.00	1.51	10.34	32.99	20.86	43.50	-22.64
H	384.062	41.20	3.27	15.53	32.88	27.12	46.00	-18.88
H	512.062	38.20	3.95	17.48	32.20	27.43	46.00	-18.57
H	768.060	38.50	5.37	20.50	32.24	32.14	46.00	-13.86

