TESTING
CERT #803.01, 803.02, 803.05, 803.06

PACIFIC BIOSCIENCE LABORATORIES, INC. (CLARISONIC) TEST REPORT

FOR THE

CHARGER BASE, PBL4110 AND AC/DC ADAPTER (PBL3100-479)

FCC PART 18 SUBPART C SECTIONS 18.305 AND 18.307

TESTING

DATE OF ISSUE: MARCH 31, 2009

PREPARED FOR:

Pacific BioScience Laboratories, Inc.
(Clarisonic)
13222 SE 30th St.
Bellevue, WA 98005

P.O. No.: 5978
W.O. No.: 89332

PREPARED BY:

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Mariposa, CA 95338

Date of test: March 18, 2009

Report No.: FC09-046

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ADMINISTRATIVE INFORMATION

DATE OF TEST: March 18, 2009

DATE OF RECEIPT: March 18, 2009

REPRESENTATIVE: Ryan Rutledge

MANUFACTURER:
Pacific BioScience Laboratories, Inc.
(Clarisonic)
13222 SE 30th St.
Bellevue, WA 98005

TEST LOCATION:
CKC Laboratories, Inc.
22116 23rd Drive S.E., Suite A
Bothell, WA 98021-4413

TEST METHOD: MP-5 (1987)

PURPOSE OF TEST: To perform the testing of the Charger Base, PBL4110 and AC/DC Adapter (PBL3100-479) with the requirements for FCC Part 18 Subpart C Sections 18.305 and 18.307 devices.

APPROVALS

QUALITY ASSURANCE:

Steve Behm, Director of Engineering Services

TEST PERSONNEL:

Amrinder Brar, EMC Engineer/Lab Manager

SITE FILE REGISTRATION NUMBERS

Location	Japan	Canada	FCC
Bothell	R-2296, C-2506 & T-1489	3082C-1	318736

EQUIPMENT UNDER TEST (EUT) DESCRIPTION

The customer declares the EUT tested by CKC Laboratories was representative of a production unit.

The Mia Skin Care System Model RBMK3B consists of the following devices:

Function	Manufacturer	Model #
Sonic Skin Care Brush	**Pacific BioScience Laboratories, Inc.**	**PBL3061**
AC/DC Adapter	**Pacific BioScience Laboratories, Inc.**	**PBL3100-479**
Charger Base	**Pacific BioScience Laboratories, Inc.**	**PBL4110**

EQUIPMENT UNDER TEST

AC/DC Adapter
Manuf: Pacific BioScience Laboratories, Inc.
Model: PBL3100-479
Serial: AD64

Charger Base
Manuf: Pacific BioScience Laboratories, Inc.
Model: PBL4110
Serial: 74

PERIPHERAL DEVICES

The EUT was tested with the following peripheral devices:

Sonic Skin Care Brush
Manuf: Pacific BioScience Laboratories, Inc.
Model: PBL3061 (MIA)
Serial: EMC2

Note: At the time of testing Clarisonic was noted as the manufacturer name. Clarisonic is a brand name of Pacific BioScience Laboratories, Inc., who is the actual manufacturer.

SUMMARY OF RESULTS

Test	Specification	Results
Mains Conducted Emissions	FCC Part 18 Subpart C Section 18.307	Pass
Radiated Emissions	FCC Part 18 Subpart C Section 18.305	Pass

CONDITIONS DURING TESTING

No modifications to the EUT were necessary during testing.

MEASUREMENT UNCERTAINTIES

Uncertainty Value	Parameter
4.73 dB	Radiated Emissions
3.34 dB	Mains Conducted Emissions
3.30 dB	Disturbance Power

The reported measurement uncertainties are calculated based on the worst case of all laboratory environments from CKC Laboratories, Inc. test sites. Only those parameters which require estimation of measurement uncertainty are reported. The reported worst case measurement uncertainty is less than the maximum values derived in CISPR 16-4-2. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k=2. Compliance is deemed to occur provided measurements are below the specified limits.

REPORT OF EMISSIONS MEASUREMENTS

TESTING PARAMETERS

The cables were routed consistent with the typical application by varying the configuration of the test sample. Interface cables were connected to the available ports of the test unit. The effect of varying the position of the cables was investigated to find the configuration that produced maximum emissions. Cables were of the type and length specified in the individual requirements. The length of cable that produced maximum emissions was selected.

The equipment under test (EUT) was set up in a manner that represented its normal use, as shown in the setup photographs. Any special conditions required for the EUT to operate normally are identified in the comments that accompany the emissions tables.

The emissions data was taken with a spectrum analyzer or receiver. Incorporating the applicable correction factors for distance, antenna, cable loss and amplifier gain, the data was reduced as shown in the table below. The corrected data was then compared to the applicable emission limits. Preliminary and final measurements were taken in order to ensure that all emissions from the EUT were found and maximized.

CORRECTION FACTORS

The basic spectrum analyzer reading was converted using correction factors as shown in the highest emissions readings in the tables. For radiated emissions in dBµV/m, the spectrum analyzer reading in dBµV was corrected by using the following formula. This reading was then compared to the applicable specification limit.

SAMPLE CALCULATIONS		
	Meter reading	(dBµV)
+	Antenna Factor	(dB)
+	Cable Loss	(dB)
-	Distance Correction	(dB)
-	Preamplifier Gain	(dB)
=	Corrected Reading	(dBµV/m)

TEST INSTRUMENTATION AND ANALYZER SETTINGS

The test instrumentation and equipment listed were used to collect the emissions data. A spectrum analyzer or receiver was used for all measurements. The following table shows the measuring equipment bandwidth settings that were used in designated frequency bands. For testing emissions, an appropriate reference level and a vertical scale size of 10 dB per division were used. When conducted emissions testing was performed, a 10 dB external attenuator was used with internal offset correction in the analyzer.

MEASURING EQUIPMENT BANDWIDTH SETTINGS PER FREQUENCY RANGE			
TEST	BEGINNING FREQUENCY	ENDING FREQUENCY	BANDWIDTH SETTING
CONDUCTED EMISSIONS	150 kHz	30 MHz	9 kHz
RADIATED EMISSIONS	30 MHz	1000 MHz	120 kHz
RADIATED EMISSIONS	1000 MHz	>1 GHz	1 MHz

SPECTRUM ANALYZER/RECEIVER DETECTOR FUNCTIONS

The notes that accompany the measurements contained in the emissions tables indicate the type of detector function used to obtain the given readings. Unless otherwise noted, all readings were made in the "Peak" mode. Whenever a "Quasi-Peak" or "Average" reading is listed as one of the highest readings, this is indicated as a "QP" or an "Ave" on the appropriate rows of the data sheets. The following paragraphs describe in more detail the detector functions and when they were used to obtain the emissions data.

Peak

In this mode, the spectrum analyzer/receiver readings recorded all emissions at their peak value as the frequency band selected was scanned. By combining this function with another feature of the measuring device called "peak hold," the measuring device had the ability to measure transients or low duty cycle transient emission peak levels. In this mode the measuring device made a slow scan across the frequency band selected and measured the peak emission value found at each frequency across the band.

Quasi-Peak

When the true peak values exceeded or were within 2 dB of the specification limit, quasi-peak measurements were taken using the quasi-peak detector.

Average

For certain frequencies, average measurements may be made using the spectrum analyzer/receiver. To make these measurements, the test engineer reduces the video bandwidth on the measuring device until the modulation of the signal is filtered out. At this point the measuring device is set into the linear mode and the scan time is reduced.

CONDUCTED EMISSIONS

Test Setup Photos

Test Data Sheets

Test Location:	CKC Laboratories •22116 23rd Dr SE • Bothell, WA 98021-4413 • 425-402-1717		
Customer:	**Pacific BioScience Laboratories, Inc. (Clarisonic)**		
Specification:	**FCC 18.307 AVE Consumer Devices**		
Work Order #:	**89332**	Date:	3/18/2009
Test Type:	**Conducted Emissions**	Time:	3:08:02 PM
Equipment:	**AC/DC Adapter**	Sequence#:	30
Manufacturer:	Clarisonic	Tested By:	A. Brar
Model:	PBL3100-479		120V 60Hz
S/N:	AD64		

***Test Equipment*:**

Function	S/N	Calibration Date	Cal Due Date	Asset #
Agilent E4440A	MY46186330	01/31/2008	01/31/2010	AN02872
Cable 30'	11	11/05/2008	11/05/2010	ANP05366
Cable 6'	49	11/10/2008	11/10/2010	ANP05371
Cable 20'	16	11/10/2008	11/10/2010	ANP05360
Attenuator	9912	03/21/2008	03/21/2010	ANP05503
EMCO LISN	9606-1049	06/01/2007	06/01/2009	AN01492

***Equipment Under Test* (* = EUT):**

Function	Manufacturer	Model #	S/N
AC/DC Adapter*	Clarisonic	PBL3100-479	AD64
Charger Base	Clarisonic	PBL4110	74

Support Devices:

Function	Manufacturer	Model #	S/N

Test Conditions / Notes:

FCC Part 18
EUT is sitting on the test table in standby mode (Not Charging).

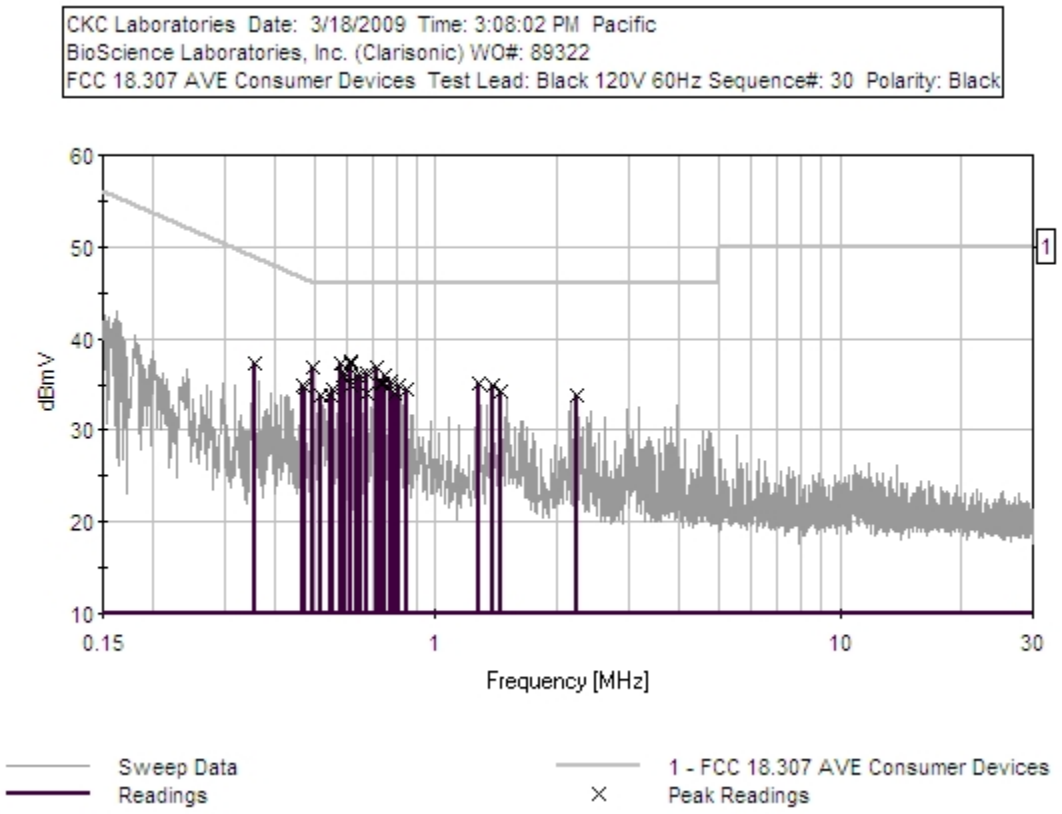
Transducer Legend:

T1=CAB-ANP05371	T2=CAB-ANP05366
T3=ATT-ANP5503-032108	T4=CAB-ANP05360
T5=CDN-AN01492-060107 - Line	

Measurement Data: Reading listed by margin. Test Lead: Black

#	Freq	Rdng	T1 T5	T2	T3	T4	Dist	Corr	Spec	Margin	Polar
	MHz	dBµV	dB	dB	dB	dB	Table	dBmV	dBmV	dB	Ant
1	616.866k	27.1	+0.1 +0.1	+0.0	+10.1	+0.1	+0.0	37.5	46.0	-8.5	Black
2	615.412k	27.0	+0.1 +0.1	+0.0	+10.1	+0.1	+0.0	37.4	46.0	-8.6	Black
3	580.506k	26.9	+0.1 +0.1	+0.0	+10.1	+0.1	+0.0	37.3	46.0	-8.7	Black
4	717.948k	26.5	+0.0 +0.1	+0.1	+10.1	+0.1	+0.0	36.9	46.0	-9.1	Black
5	495.423k	26.4	+0.1 +0.1	+0.0	+10.1	+0.1	+0.0	36.8	46.1	-9.3	Black

6	595.050k	25.9	+0.1 +0.1	+0.0	+10.1	+0.1	+0.0	36.3	46.0	-9.7	Black
7	675.770k	25.7	+0.1 +0.1	+0.0	+10.1	+0.1	+0.0	36.1	46.0	-9.9	Black
8	585.596k	25.6	+0.1 +0.1	+0.0	+10.1	+0.1	+0.0	36.0	46.0	-10.0	Black
9	747.763k	25.6	+0.0 +0.1	+0.1	+10.1	+0.1	+0.0	36.0	46.0	-10.0	Black
10	638.682k	25.5	+0.1 +0.1	+0.0	+10.1	+0.1	+0.0	35.9	46.0	-10.1	Black
11	648.863k	25.5	+0.1 +0.1	+0.0	+10.1	+0.1	+0.0	35.9	46.0	-10.1	Black
12	771.761k	24.9	+0.0 +0.1	+0.1	+10.1	+0.1	+0.0	35.3	46.0	-10.7	Black
13	728.129k	24.8	+0.0 +0.1	+0.1	+10.1	+0.1	+0.0	35.2	46.0	-10.8	Black
14	1.273M	24.8	+0.0 +0.1	+0.1	+10.1	+0.1	+0.0	35.2	46.0	-10.8	Black
15	739.764k	24.7	+0.0 +0.1	+0.1	+10.1	+0.1	+0.0	35.1	46.0	-10.9	Black
16	613.958k	24.6	+0.1 +0.1	+0.0	+10.1	+0.1	+0.0	35.0	46.0	-11.0	Black
17	773.216k	24.6	+0.0 +0.1	+0.1	+10.1	+0.1	+0.0	35.0	46.0	-11.0	Black
18	1.383M	24.5	+0.0 +0.1	+0.1	+10.1	+0.1	+0.0	34.9	46.0	-11.1	Black
19	809.576k	24.4	+0.0 +0.1	+0.1	+10.1	+0.1	+0.0	34.8	46.0	-11.2	Black
20	355.799k	26.9	+0.1 +0.1	+0.0	+10.1	+0.1	+0.0	37.3	48.8	-11.5	Black
21	553.599k	24.1	+0.1 +0.1	+0.0	+10.1	+0.1	+0.0	34.5	46.0	-11.5	Black
22	849.572k	24.1	+0.0 +0.1	+0.1	+10.1	+0.1	+0.0	34.5	46.0	-11.5	Black
23	467.062k	24.6	+0.1 +0.1	+0.0	+10.1	+0.1	+0.0	35.0	46.6	-11.6	Black
24	475.061k	24.3	+0.1 +0.1	+0.0	+10.1	+0.1	+0.0	34.7	46.4	-11.7	Black
25	1.443M	23.7	+0.1 +0.1	+0.1	+10.1	+0.1	+0.0	34.2	46.0	-11.8	Black
26	677.224k	23.6	+0.1 +0.1	+0.0	+10.1	+0.1	+0.0	34.0	46.0	-12.0	Black
27	793.577k	23.6	+0.0 +0.1	+0.1	+10.1	+0.1	+0.0	34.0	46.0	-12.0	Black
28	552.145k	23.5	+0.1 +0.1	+0.0	+10.1	+0.1	+0.0	33.9	46.0	-12.1	Black
29	517.239k	23.4	+0.1 +0.1	+0.0	+10.1	+0.1	+0.0	33.8	46.0	-12.2	Black
30	2.225M	23.3	+0.1 +0.1	+0.1	+10.1	+0.1	+0.0	33.8	46.0	-12.2	Black


CKC Laboratories Date: 3/18/2009 Time: 3:08:02 PM Pacific
BioScience Laboratories, Inc. (Clarisonic) WO#: 89322
FCC 18.307 AVE Consumer Devices Test Lead: Black 120V 60Hz Sequence#: 30 Polarity: Black
60
50
40
30
20
10
dBmV
0.15
1
10
30
Frequency [MHz]
1
Sweep Data
Readings
1 - FCC 18.307 AVE Consumer Devices
Peak Readings

Test Location: CKC Laboratories •22116 23rd Dr SE • Bothell, WA 98021-4413 • 425-402-1717

Customer: **Pacific BioScience Laboratories, Inc. (Clarisonic)**
Specification: **FCC 18.307 AVE Consumer Devices**
Work Order #: **89332** Date: 3/18/2009
Test Type: **Conducted Emissions** Time: 3:01:44 PM
Equipment: **AC/DC Adapter** Sequence#: 24
Manufacturer: Clarisonic Tested By: A. Brar
Model: PBL3100-479 120V 60Hz
S/N: AD64

***Test Equipment*:**

Function	S/N	Calibration Date	Cal Due Date	Asset #
Agilent E4440A	MY46186330	01/31/2008	01/31/2010	AN02872
Cable 30'	11	11/05/2008	11/05/2010	ANP05366
Cable 6'	49	11/10/2008	11/10/2010	ANP05371
Cable 20'	16	11/10/2008	11/10/2010	ANP05360
Attenuator	9912	03/21/2008	03/21/2010	ANP05503
EMCO LISN	9606-1049	06/01/2007	06/01/2009	AN01492

***Equipment Under Test* (* = EUT):**

Function	Manufacturer	Model #	S/N
AC/DC Adapter*	Clarisonic	PBL3100-479	AD64
Charger Base	Clarisonic	PBL4110	74

Support Devices:

Function	Manufacturer	Model #	S/N

Test Conditions / Notes:

FCC Part 18
EUT is sitting on the test table in standby mode (Not Charging).

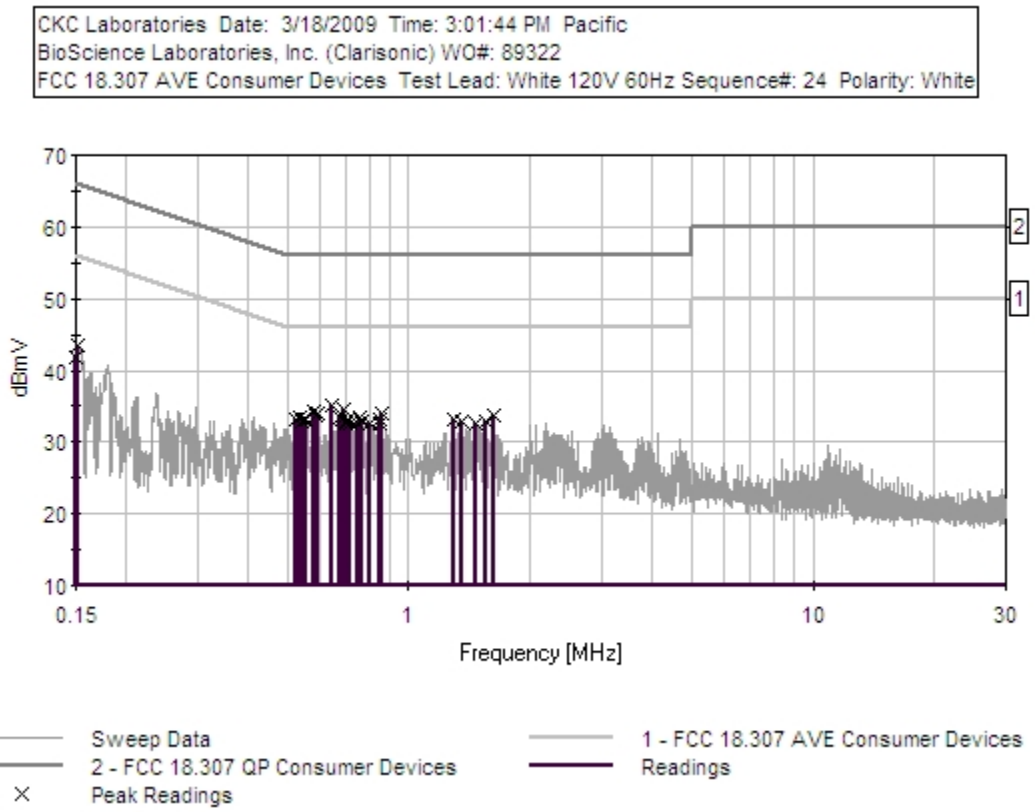
Transducer Legend:

T1=CAB-ANP05371 T2=CAB-ANP05366
T3=ATT-ANP5503-032108 T4=CAB-ANP05360
T5=CDN-AN01492-060107 - Neutral

Measurement Data: Reading listed by margin. Test Lead: White

#	Freq	Rdng	T1 T5	T2	T3	T4	Dist	Corr	Spec	Margin	Polar
	MHz	dBµV	dB	dB	dB	dB	Table	dBmV	dBmV	dB	Ant
1	647.409k	24.7	+0.1 +0.2	+0.0	+10.1	+0.1	+0.0	35.2	46.0	-10.8	White
2	691.769k	24.0	+0.1 +0.2	+0.0	+10.1	+0.1	+0.0	34.5	46.0	-11.5	White
3	581.960k	23.7	+0.1 +0.2	+0.0	+10.1	+0.1	+0.0	34.2	46.0	-11.8	White
4	594.323k	23.5	+0.1 +0.2	+0.0	+10.1	+0.1	+0.0	34.0	46.0	-12.0	White
5	854.663k	23.4	+0.0 +0.2	+0.1	+10.1	+0.1	+0.0	33.9	46.0	-12.1	White
6	585.596k	23.3	+0.1 +0.2	+0.0	+10.1	+0.1	+0.0	33.8	46.0	-12.2	White
7	1.617M	23.0	+0.1 +0.2	+0.1	+10.1	+0.1	+0.0	33.6	46.0	-12.4	White

8	152.182k	33.2	+0.0 +0.2	+0.0	+10.1	+0.0	+0.0	43.5	55.9	-12.4	White
9	755.035k	23.0	+0.0 +0.2	+0.1	+10.1	+0.1	+0.0	33.5	46.0	-12.5	White
10	539.782k	22.9	+0.1 +0.2	+0.0	+10.1	+0.1	+0.0	33.4	46.0	-12.6	White
11	675.770k	22.9	+0.1 +0.2	+0.0	+10.1	+0.1	+0.0	33.4	46.0	-12.6	White
12	547.055k	22.8	+0.1 +0.2	+0.0	+10.1	+0.1	+0.0	33.3	46.0	-12.7	White
13	852.481k	22.7	+0.0 +0.2	+0.1	+10.1	+0.1	+0.0	33.2	46.0	-12.8	White
14	1.298M	22.6	+0.0 +0.2	+0.1	+10.1	+0.1	+0.0	33.1	46.0	-12.9	White
15	526.693k	22.6	+0.1 +0.2	+0.0	+10.1	+0.1	+0.0	33.1	46.0	-12.9	White
16	558.690k	22.6	+0.1 +0.2	+0.0	+10.1	+0.1	+0.0	33.1	46.0	-12.9	White
17	683.769k	22.6	+0.1 +0.2	+0.0	+10.1	+0.1	+0.0	33.1	46.0	-12.9	White
18	703.404k	22.6	+0.1 +0.2	+0.0	+10.1	+0.1	+0.0	33.1	46.0	-12.9	White
19	1.558M	22.3	+0.1 +0.2	+0.1	+10.1	+0.1	+0.0	32.9	46.0	-13.1	White
20	544.873k	22.4	+0.1 +0.2	+0.0	+10.1	+0.1	+0.0	32.9	46.0	-13.1	White
21	763.762k	22.4	+0.0 +0.2	+0.1	+10.1	+0.1	+0.0	32.9	46.0	-13.1	White
22	694.677k	22.3	+0.1 +0.2	+0.0	+10.1	+0.1	+0.0	32.8	46.0	-13.2	White
23	1.349M	22.3	+0.0 +0.2	+0.1	+10.1	+0.1	+0.0	32.8	46.0	-13.2	White
24	797.213k	22.2	+0.0 +0.2	+0.1	+10.1	+0.1	+0.0	32.7	46.0	-13.3	White
25	1.473M	22.0	+0.1 +0.2	+0.1	+10.1	+0.1	+0.0	32.6	46.0	-13.4	White
26	698.313k	22.1	+0.1 +0.2	+0.0	+10.1	+0.1	+0.0	32.6	46.0	-13.4	White
27	711.403k	22.1	+0.0 +0.2	+0.1	+10.1	+0.1	+0.0	32.6	46.0	-13.4	White
28	751.399k	22.1	+0.0 +0.2	+0.1	+10.1	+0.1	+0.0	32.6	46.0	-13.4	White
29	850.299k	22.0	+0.0 +0.2	+0.1	+10.1	+0.1	+0.0	32.5	46.0	-13.5	White
30	150.000k	31.6	+0.0 +0.2	+0.0	+10.1	+0.0	+0.0	41.9	56.0	-14.1	White


CKC Laboratories Date: 3/18/2009 Time: 3:01:44 PM Pacific
BioScience Laboratories, Inc. (Clarisonic) WO#: 89322
FCC 18.307 AVE Consumer Devices Test Lead: White 120V 60Hz Sequence#: 24 Polarity: White
70
60
50
40
30
20
10
dBmV
0.15
1
10
30
Frequency [MHz]
2
1
Sweep Data
2 - FCC 18.307 QP Consumer Devices
Peak Readings
1 - FCC 18.307 AVE Consumer Devices
Readings

Test Location: CKC Laboratories •22116 23rd Dr SE • Bothell, WA 98021-4413 • 425-402-1717

Customer: **Pacific BioScience Laboratories, Inc. (Clarisonic)**
Specification: **FCC 18.307 AVE Consumer Devices**
Work Order #: **89332** Date: 3/18/2009
Test Type: **Conducted Emissions** Time: 3:16:43 PM
Equipment: **AC/DC Adapter** Sequence#: 26
Manufacturer: Clarisonic Tested By: A. Brar
Model: PBL3100-479 120V 60Hz
S/N: AD64

***Test Equipment*:**

Function	S/N	Calibration Date	Cal Due Date	Asset #
Agilent E4440A	MY46186330	01/31/2008	01/31/2010	AN02872
Cable 30'	11	11/05/2008	11/05/2010	ANP05366
Cable 6'	49	11/10/2008	11/10/2010	ANP05371
Cable 20'	16	11/10/2008	11/10/2010	ANP05360
Attenuator	9912	03/21/2008	03/21/2010	ANP05503
EMCO LISN	9606-1049	06/01/2007	06/01/2009	AN01492

***Equipment Under Test* (* = EUT):**

Function	Manufacturer	Model #	S/N
AC/DC Adapter*	Clarisonic	PBL3100-479	AD64
Charger Base	Clarisonic	PBL4110	74

Support Devices:

Function	Manufacturer	Model #	S/N
Sonic Skin Care Brush	Clarisonic	MIA	EMC2

Test Conditions / Notes:

FCC Part 18
EUT is sitting on the test table and it is charging the Sonic Skin Care Brush.

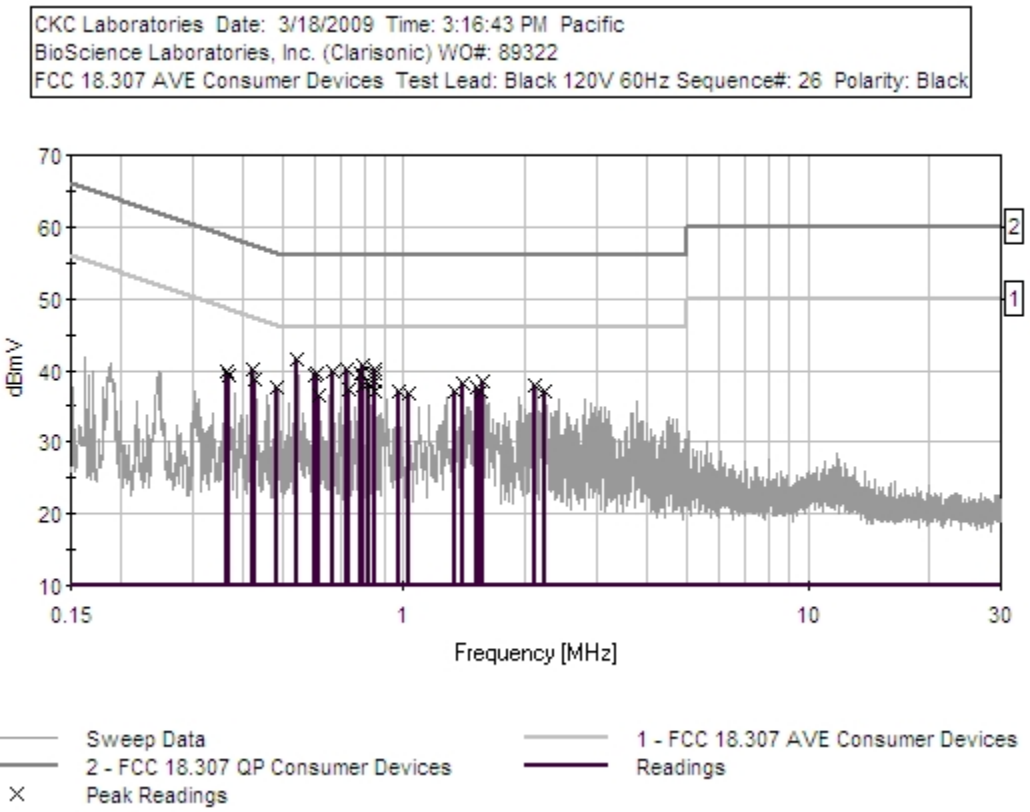
Transducer Legend:

T1=CAB-ANP05371 T2=CAB-ANP05366
T3=ATT-ANP5503-032108 T4=CAB-ANP05360
T5=CDN-AN01492-060107 - Line

Measurement Data: Reading listed by margin. Test Lead: Black

#	Freq	Rdng	T1 T5	T2	T3	T4	Dist	Corr	Spec	Margin	Polar
	MHz	dBµV	dB	dB	dB	dB	Table	dBmV	dBmV	dB	Ant
1	545.600k	31.2	+0.1 +0.1	+0.0	+10.1	+0.1	+0.0	41.6	46.0	-4.4	Black
2	788.487k	30.3	+0.0 +0.1	+0.1	+10.1	+0.1	+0.0	40.7	46.0	-5.3	Black
3	725.947k	29.8	+0.0 +0.1	+0.1	+10.1	+0.1	+0.0	40.2	46.0	-5.8	Black
4	846.663k	29.8	+0.0 +0.1	+0.1	+10.1	+0.1	+0.0	40.2	46.0	-5.8	Black
5	664.862k	29.4	+0.1 +0.1	+0.0	+10.1	+0.1	+0.0	39.8	46.0	-6.2	Black
6	606.685k	29.3	+0.1 +0.1	+0.0	+10.1	+0.1	+0.0	39.7	46.0	-6.3	Black

7	784.124k	29.2	+0.0 +0.1	+0.1	+10.1	+0.1	+0.0	39.6	46.0	-6.4	Black
8	849.572k	29.1	+0.0 +0.1	+0.1	+10.1	+0.1	+0.0	39.5	46.0	-6.5	Black
9	603.049k	28.9	+0.1 +0.1	+0.0	+10.1	+0.1	+0.0	39.3	46.0	-6.7	Black
10	424.884k	29.8	+0.1 +0.1	+0.0	+10.1	+0.1	+0.0	40.2	47.4	-7.2	Black
11	844.482k	28.0	+0.0 +0.1	+0.1	+10.1	+0.1	+0.0	38.4	46.0	-7.6	Black
12	1.575M	27.9	+0.1 +0.1	+0.1	+10.1	+0.1	+0.0	38.4	46.0	-7.6	Black
13	1.392M	27.9	+0.0 +0.1	+0.1	+10.1	+0.1	+0.0	38.3	46.0	-7.7	Black
14	819.757k	27.8	+0.0 +0.1	+0.1	+10.1	+0.1	+0.0	38.2	46.0	-7.8	Black
15	791.396k	27.5	+0.0 +0.1	+0.1	+10.1	+0.1	+0.0	37.9	46.0	-8.1	Black
16	2.119M	27.3	+0.1 +0.1	+0.1	+10.1	+0.1	+0.0	37.8	46.0	-8.2	Black
17	1.515M	27.2	+0.1 +0.1	+0.1	+10.1	+0.1	+0.0	37.7	46.0	-8.3	Black
18	428.520k	28.4	+0.1 +0.1	+0.0	+10.1	+0.1	+0.0	38.8	47.3	-8.5	Black
19	363.071k	29.6	+0.1 +0.1	+0.0	+10.1	+0.1	+0.0	40.0	48.7	-8.7	Black
20	487.424k	27.1	+0.1 +0.1	+0.0	+10.1	+0.1	+0.0	37.5	46.2	-8.7	Black
21	733.946k	26.9	+0.0 +0.1	+0.1	+10.1	+0.1	+0.0	37.3	46.0	-8.7	Black
22	483.060k	27.1	+0.1 +0.1	+0.0	+10.1	+0.1	+0.0	37.5	46.3	-8.8	Black
23	2.242M	26.7	+0.1 +0.1	+0.1	+10.1	+0.1	+0.0	37.2	46.0	-8.8	Black
24	852.481k	26.8	+0.0 +0.1	+0.1	+10.1	+0.1	+0.0	37.2	46.0	-8.8	Black
25	966.512k	26.8	+0.0 +0.1	+0.1	+10.1	+0.1	+0.0	37.2	46.0	-8.8	Black
26	1.553M	26.6	+0.1 +0.1	+0.1	+10.1	+0.1	+0.0	37.1	46.0	-8.9	Black
27	1.336M	26.6	+0.0 +0.1	+0.1	+10.1	+0.1	+0.0	37.0	46.0	-9.0	Black
28	368.162k	29.0	+0.1 +0.1	+0.0	+10.1	+0.1	+0.0	39.4	48.5	-9.1	Black
29	1.026M	26.4	+0.0 +0.1	+0.1	+10.1	+0.1	+0.0	36.8	46.0	-9.2	Black
30	613.230k	26.2	+0.1 +0.1	+0.0	+10.1	+0.1	+0.0	36.6	46.0	-9.4	Black


CKC Laboratories Date: 3/18/2009 Time: 3:16:43 PM Pacific
BioScience Laboratories, Inc. (Clarisonic) WO#: 89322
FCC 18.307 AVE Consumer Devices Test Lead: Black 120V 60Hz Sequence#: 26 Polarity: Black
70
60
50
40
30
20
10
dBmV
0.15
1
10
30
Frequency [MHz]
2
1
Sweep Data
2 - FCC 18.307 QP Consumer Devices
Peak Readings
1 - FCC 18.307 AVE Consumer Devices
Readings

Test Location: CKC Laboratories •22116 23rd Dr SE • Bothell, WA 98021-4413 • 425-402-1717

Customer: **Pacific BioScience Laboratories, Inc. (Clarisonic)**
Specification: **FCC 18.307 AVE Consumer Devices**
Work Order #: **89332** Date: 3/18/2009
Test Type: **Conducted Emissions** Time: 3:19:45 PM
Equipment: **AC/DC Adapter** Sequence#: 27
Manufacturer: Clarisonic Tested By: A. Brar
Model: PBL3100-479 120V 60Hz
S/N: AD64

***Test Equipment*:**

Function	S/N	Calibration Date	Cal Due Date	Asset #
Agilent E4440A	MY46186330	01/31/2008	01/31/2010	AN02872
Cable 30'	11	11/05/2008	11/05/2010	ANP05366
Cable 6'	49	11/10/2008	11/10/2010	ANP05371
Cable 20'	16	11/10/2008	11/10/2010	ANP05360
Attenuator	9912	03/21/2008	03/21/2010	ANP05503
EMCO LISN	9606-1049	06/01/2007	06/01/2009	AN01492

***Equipment Under Test* (* = EUT):**

Function	Manufacturer	Model #	S/N
AC/DC Adapter*	Clarisonic	PBL3100-479	AD64
Charger Base	Clarisonic	PBL4110	74

Support Devices:

Function	Manufacturer	Model #	S/N
Sonic Skin Care Brush	Clarisonic	MIA	EMC2

Test Conditions / Notes:

FCC Part 18
EUT is sitting on the test table and it is charging the Sonic Skin Care Brush.

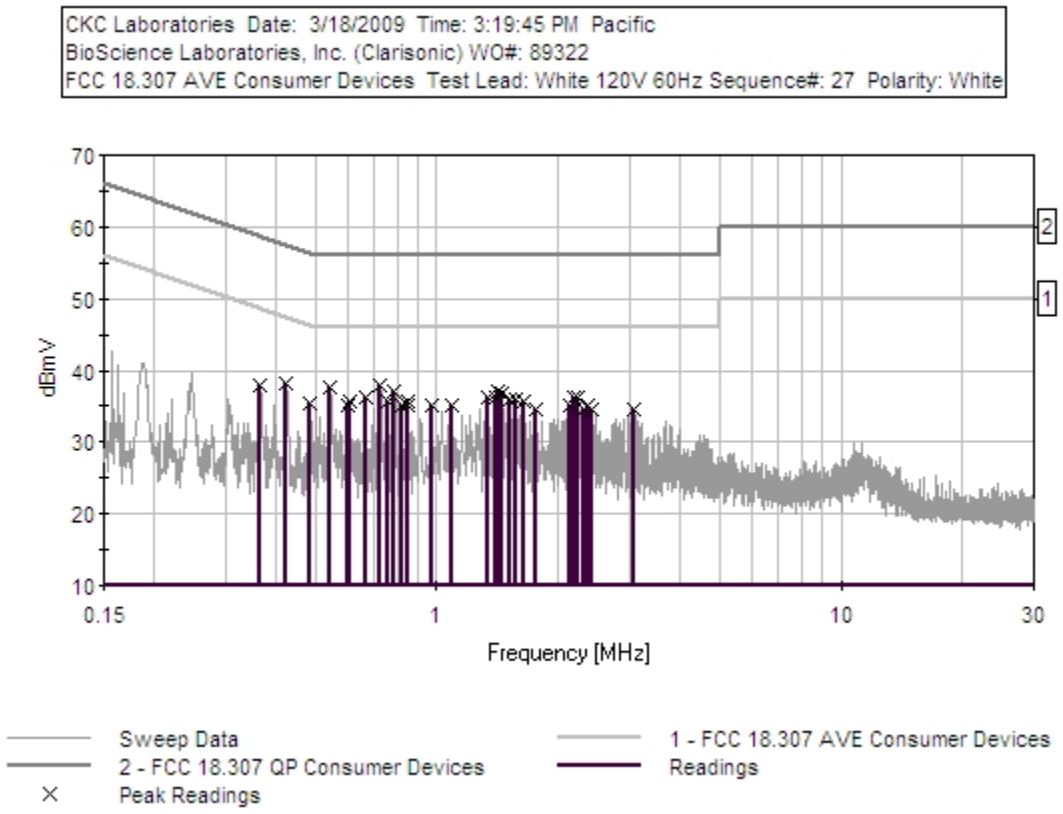
Transducer Legend:

T1=CAB-ANP05371 T2=CAB-ANP05366
T3=ATT-ANP5503-032108 T4=CAB-ANP05360
T5=CDN-AN01492-060107 - Neutral

Measurement Data: Reading listed by margin. Test Lead: White

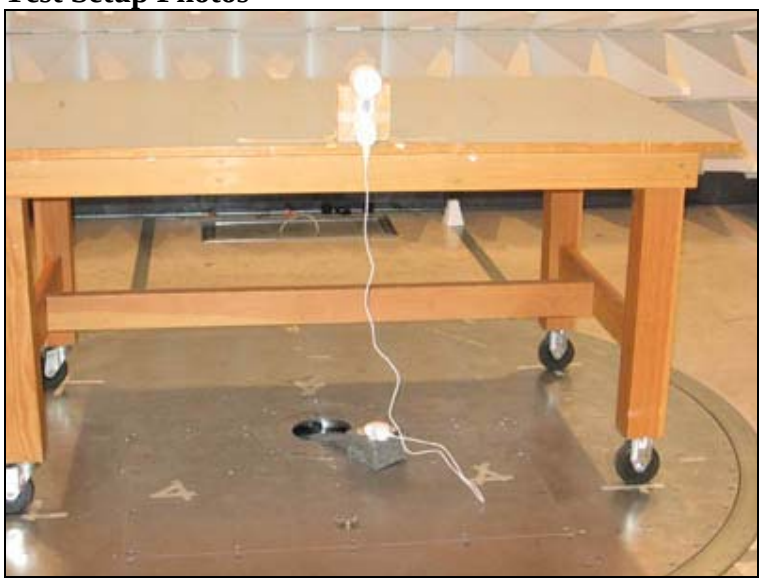
#	Freq	Rdng	T1 T5	T2	T3	T4	Dist	Corr	Spec	Margin	Polar
	MHz	dBµV	dB	dB	dB	dB	Table	dBmV	dBmV	dB	Ant
1	725.947k	27.3	+0.0 +0.2	+0.1	+10.1	+0.1	+0.0	37.8	46.0	-8.2	White
2	544.873k	27.0	+0.1 +0.2	+0.0	+10.1	+0.1	+0.0	37.5	46.0	-8.5	White
3	786.305k	26.5	+0.0 +0.2	+0.1	+10.1	+0.1	+0.0	37.0	46.0	-9.0	White
4	1.422M	26.4	+0.1 +0.2	+0.1	+10.1	+0.1	+0.0	37.0	46.0	-9.0	White
5	1.456M	26.3	+0.1 +0.2	+0.1	+10.1	+0.1	+0.0	36.9	46.0	-9.1	White
6	424.884k	27.8	+0.1 +0.2	+0.0	+10.1	+0.1	+0.0	38.3	47.4	-9.1	White

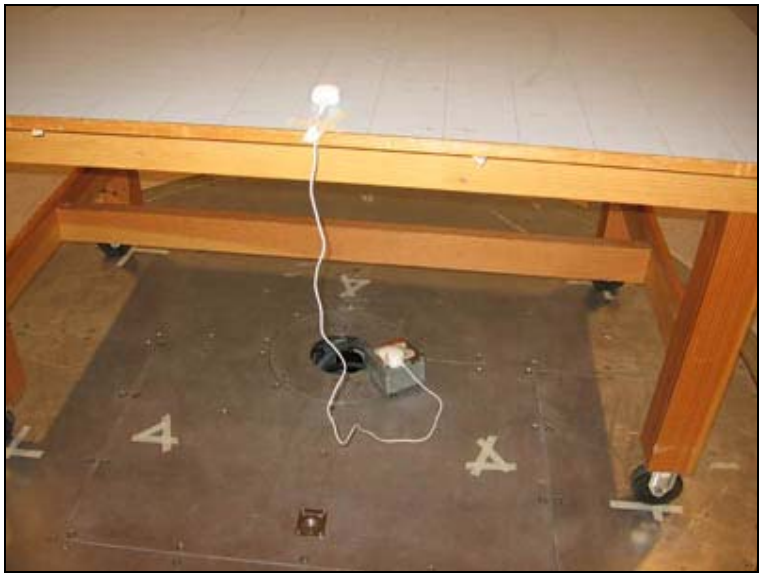
7	664.862k	25.8	+0.1 +0.2	+0.0	+10.1	+0.1	+0.0	36.3	46.0	-9.7	White
8	1.332M	25.6	+0.0 +0.2	+0.1	+10.1	+0.1	+0.0	36.1	46.0	-9.9	White
9	1.396M	25.6	+0.0 +0.2	+0.1	+10.1	+0.1	+0.0	36.1	46.0	-9.9	White
10	2.183M	25.5	+0.1 +0.2	+0.1	+10.1	+0.1	+0.0	36.1	46.0	-9.9	White
11	2.242M	25.5	+0.1 +0.2	+0.1	+10.1	+0.1	+0.0	36.1	46.0	-9.9	White
12	1.515M	25.4	+0.1 +0.2	+0.1	+10.1	+0.1	+0.0	36.0	46.0	-10.0	White
13	1.575M	25.4	+0.1 +0.2	+0.1	+10.1	+0.1	+0.0	36.0	46.0	-10.0	White
14	606.685k	25.1	+0.1 +0.2	+0.0	+10.1	+0.1	+0.0	35.6	46.0	-10.4	White
15	755.763k	25.1	+0.0 +0.2	+0.1	+10.1	+0.1	+0.0	35.6	46.0	-10.4	White
16	847.391k	25.1	+0.0 +0.2	+0.1	+10.1	+0.1	+0.0	35.6	46.0	-10.4	White
17	1.634M	25.0	+0.1 +0.2	+0.1	+10.1	+0.1	+0.0	35.6	46.0	-10.4	White
18	366.707k	27.4	+0.1 +0.2	+0.0	+10.1	+0.1	+0.0	37.9	48.6	-10.7	White
19	482.333k	25.0	+0.1 +0.2	+0.0	+10.1	+0.1	+0.0	35.5	46.3	-10.8	White
20	602.322k	24.7	+0.1 +0.2	+0.0	+10.1	+0.1	+0.0	35.2	46.0	-10.8	White
21	817.575k	24.7	+0.0 +0.2	+0.1	+10.1	+0.1	+0.0	35.2	46.0	-10.8	White
22	843.755k	24.7	+0.0 +0.2	+0.1	+10.1	+0.1	+0.0	35.2	46.0	-10.8	White
23	970.765k	24.6	+0.0 +0.2	+0.1	+10.1	+0.1	+0.0	35.1	46.0	-10.9	White
24	1.090M	24.6	+0.0 +0.2	+0.1	+10.1	+0.1	+0.0	35.1	46.0	-10.9	White
25	2.361M	24.5	+0.1 +0.2	+0.1	+10.1	+0.1	+0.0	35.1	46.0	-10.9	White
26	2.123M	24.4	+0.1 +0.2	+0.1	+10.1	+0.1	+0.0	35.0	46.0	-11.0	White
27	1.758M	24.0	+0.1 +0.2	+0.1	+10.1	+0.1	+0.0	34.6	46.0	-11.4	White
28	2.302M	24.0	+0.1 +0.2	+0.1	+10.1	+0.1	+0.0	34.6	46.0	-11.4	White
29	3.089M	24.0	+0.1 +0.2	+0.1	+10.1	+0.1	+0.0	34.6	46.0	-11.4	White
30	2.421M	23.9	+0.1 +0.2	+0.1	+10.1	+0.1	+0.0	34.5	46.0	-11.5	White


CKC Laboratories Date: 3/18/2009 Time: 3:19:45 PM Pacific
BioScience Laboratories, Inc. (Clarisonic) WO#: 89322
FCC 18.307 AVE Consumer Devices Test Lead: White 120V 60Hz Sequence#: 27 Polarity: White
70
60
50
40
30
20
10
dBmV
0.15
1
10
30
Frequency [MHz]
2
1
Sweep Data
2 - FCC 18.307 QP Consumer Devices
Peak Readings
1 - FCC 18.307 AVE Consumer Devices
Readings

RADIATED EMISSIONS

Test Setup Photos





Test Data Sheets

Test Location: CKC Laboratories •22116 23rd Dr SE • Bothell, WA 98021-4413 • 425-402-1717
Customer: **Pacific BioScience Laboratories, Inc. (Clarisonic)**
Specification: **FCC PART 18.305 9kHz-30MHz**
Work Order #: **89332** Date: 3/18/2009
Test Type: **Maximized Emissions** Time: 12:54:34 PM
Equipment: **Sonic Skin Care Brush** Sequence#: 17
Manufacturer: Clarisonic Tested By: A. Brar
Model: MIA
S/N: EMC4

***Test Equipment*:**

Function	S/N	Calibration Date	Cal Due Date	Asset #
Agilent E4440A	MY46186330	01/31/2008	01/31/2010	AN02872
Cable 30'	11	11/05/2008	11/05/2010	ANP05366
Cable 6'	49	11/10/2008	11/10/2010	ANP05371
Cable 20'	16	11/10/2008	11/10/2010	ANP05360
Mag Loop	2156	06/04/2008	06/04/2010	AN00052

***Equipment Under Test* (* = EUT):**

Function	Manufacturer	Model #	S/N
AC/DC Adapter	Clarisonic	PBL3100-479	AD64
Charger Base	Clarisonic	PBL4110	74

Support Devices:

Function	Manufacturer	Model #	S/N
Sonic Skin Care Brush	Clarisonic	MIA	EMC4

Test Conditions / Notes:

FCC Part 18
EUT is in upright position and it is being charged. This EUT is fully discharged.

Transducer Legend:

T1=CAB-ANP05360	T2=CAB-ANP05366
T3=CAB-ANP05371	T4=ANT- AN00052-06042008

Measurement Data: Reading listed by margin. Test Distance: 3 Meters

#	Freq MHz	Rdng dBµV	T1 dB	T2 dB	T3 dB	T4 dB	Dist Table	Corr dBµV/m	Spec dBµV/m	Margin dB	Polar Ant
1	60.734k	58.4	+0.0	+0.0	+0.0	+10.1	-80.0	-11.5	23.5	-35.0	Paral
2	13.066k	45.4	+0.0	+0.0	+0.0	+15.2	-80.0	-19.4	23.5	-42.9	Paral
3	25.750k	44.0	+0.0	+0.0	+0.0	+12.0	-80.0	-24.0	23.5	-47.5	Paral
4	152.091k	46.0	+0.0	+0.0	+0.0	+10.0	-80.0	-24.0	23.5	-47.5	Paral
5	202.268k	45.9	+0.0	+0.0	+0.0	+10.0	-80.0	-24.1	23.5	-47.6	Paral
6	212.721k	44.3	+0.0	+0.0	+0.0	+10.0	-80.0	-25.7	23.5	-49.2	Paral
7	241.991k	43.5	+0.0	+0.0	+0.0	+10.0	-80.0	-26.5	23.5	-50.0	Paral
8	33.695k	42.1	+0.0	+0.0	+0.0	+11.1	-80.0	-26.8	23.5	-50.3	Paral

Test Location: CKC Laboratories •22116 23rd Dr SE • Bothell, WA 98021-4413 • 425-402-1717

Customer: **Pacific BioScience Laboratories, Inc. (Clarisonic)**
Specification: **FCC PART 18.305 9kHz-30MHz**
Work Order #: **89332** Date: 3/18/2009
Test Type: **Maximized Emissions** Time: 1:24:39 PM
Equipment: **AC/DC Adapter** Sequence#: 18
Manufacturer: Clarisonic Tested By: A. Brar
Model: PBL3100-479
S/N: AD64

***Test Equipment*:**

Function	S/N	Calibration Date	Cal Due Date	Asset #
Agilent E4440A	MY46186330	01/31/2008	01/31/2010	AN02872
Cable 30'	11	11/05/2008	11/05/2010	ANP05366
Cable 6'	49	11/10/2008	11/10/2010	ANP05371
Cable 20'	16	11/10/2008	11/10/2010	ANP05360
Mag Loop	2156	06/04/2008	06/04/2010	AN00052

***Equipment Under Test* (* = EUT):**

Function	Manufacturer	Model #	S/N
AC/DC Adapter*	Clarisonic	PBL3100-479	AD64
Charger Base	Clarisonic	PBL4110	74

Support Devices:

Function	Manufacturer	Model #	S/N

Test Conditions / Notes:

FCC Part 18
EUT is sitting on the test table in standby mode (Not Charging).

Transducer Legend:

T1=CAB-ANP05360	T2=CAB-ANP05366
T3=CAB-ANP05371	T4=ANT- AN00052-06042008

Measurement Data: Reading listed by margin. Test Distance: 3 Meters

#	Freq MHz	Rdng dBµV	T1 dB	T2 dB	T3 dB	T4 dB	Dist Table	Corr dBµV/m	Spec dBµV/m	Margin dB	Polar Ant
1	58.086k	62.2	+0.0	+0.0	+0.0	+10.2	-80.0	-7.6	23.5	-31.1	Paral
2	11.254k	45.9	+0.0	+0.0	+0.0	+16.0	-80.0	-18.1	23.5	-41.6	Paral
3	152.091k	48.4	+0.0	+0.0	+0.0	+10.0	-80.0	-21.6	23.5	-45.1	Paral
4	221.084k	45.0	+0.0	+0.0	+0.0	+10.0	-80.0	-25.0	23.5	-48.5	Paral
5	31.186k	40.8	+0.0	+0.0	+0.0	+11.3	-80.0	-27.9	23.5	-51.4	Paral
6	281.714k	41.8	+0.0	+0.0	+0.0	+9.9	-80.0	-28.3	23.5	-51.8	Paral
7	290.077k	41.6	+0.0	+0.0	+0.0	+9.9	-80.0	-28.5	23.5	-52.0	Paral
8	350.707k	41.3	+0.1	+0.0	+0.1	+9.8	-80.0	-28.7	23.5	-52.2	Paral

Test Location:	CKC Laboratories •22116 23rd Dr SE • Bothell, WA 98021-4413 • 425-402-1717		
Customer:	**Pacific BioScience Laboratories, Inc. (Clarisonic)**		
Specification:	**FCC 18.305 Consumer Devices**		
Work Order #:	**89332**	Date:	3/18/2009
Test Type:	**Maximized Emissions**	Time:	1:46:36 PM
Equipment:	**AC/DC Adapter**	Sequence#:	21
Manufacturer:	Clarisonic	Tested By:	A. Brar
Model:	PBL3100-479		
S/N:	AD64		

***Test Equipment*:**

Function	S/N	Calibration Date	Cal Due Date	Asset #
HP 8447D Preamp	2944A08601	07/08/2008	07/08/2010	AN01517
Agilent E4440A	MY46186330	01/31/2008	01/31/2010	AN02872
Cable 6'	51	12/30/2008	12/30/2010	ANP05361
Antenna	2453	12/22/2008	12/22/2010	AN01994
Cable 30'	11	11/05/2008	11/05/2010	ANP05366
Cable 6'	49	11/10/2008	11/10/2010	ANP05371
Cable 20'	16	11/10/2008	11/10/2010	ANP05360

***Equipment Under Test* (* = EUT):**

Function	Manufacturer	Model #	S/N
AC/DC Adapter*	Clarisonic	PBL3100-479	AD64
Charger Base	Clarisonic	PBL4110	74

Support Devices:

Function	Manufacturer	Model #	S/N

Test Conditions / Notes:

FCC Part 18
EUT is sitting on the test table in standby mode (Not Charging).

Transducer Legend:

T1=AMP-AN01517-070808	T2=ANT AN01994 25-1000MHz
T3=CAB-ANP05360	T4=CAB-ANP05361
T5=CAB-ANP05366	T6=CAB-ANP05371

Measurement Data: Reading listed by margin. Test Distance: 3 Meters

#	Freq	Rdng	T1 T5	T2 T6	T3	T4	Dist	Corr	Spec	Margin	Polar
	MHz	dBµV	dB	dB	dB	dB	Table	dBµV/m	dBµV/m	dB	Ant
1	77.915M	51.0	-29.1 +0.5	+7.3 +0.2	+0.5	+0.1	-20.0	10.5	20.0	-9.5	Vert
2	30.067M	28.8	-29.2 +0.3	+20.4 +0.2	+0.3	+0.1	-20.0	0.9	20.0	-19.1	Horiz
3	934.506M	27.5	-29.2 +2.0	+23.6 +0.5	+2.0	+0.5	-20.0	6.9	26.0	-19.1	Horiz
4	955.859M	27.3	-29.2 +2.1	+23.8 +0.5	+1.9	+0.5	-20.0	6.9	26.0	-19.1	Horiz
5	935.467M	27.3	-29.2 +2.0	+23.6 +0.5	+2.0	+0.5	-20.0	6.7	26.0	-19.3	Vert
6	952.103M	27.1	-29.2 +2.1	+23.8 +0.5	+1.9	+0.5	-20.0	6.7	26.0	-19.3	Vert
7	34.592M	29.1	-29.1 +0.3	+19.0 +0.2	+0.3	+0.1	-20.0	-0.1	20.0	-20.1	Vert

Test Location: CKC Laboratories •22116 23rd Dr SE • Bothell, WA 98021-4413 • 425-402-1717

Customer: **Pacific BioScience Laboratories, Inc. (Clarisonic)**
Specification: **FCC 18.305 Consumer Devices**
Work Order #: **89332** Date: 3/18/2009
Test Type: **Radiated Scan** Time: 11:09:16
Equipment: **AC/DC Adapter** Sequence#: 10
Manufacturer: Clarisonic Tested By: A. Brar
Model: PBL3100-479
S/N: AD64

***Test Equipment*:**

Function	S/N	Calibration Date	Cal Due Date	Asset #
HP 8447D Preamp	2944A08601	07/08/2008	07/08/2010	AN01517
Agilent E4440A	MY46186330	01/31/2008	01/31/2010	AN02872
Cable 6'	51	12/30/2008	12/30/2010	ANP05361
Antenna	2453	12/22/2008	12/22/2010	AN01994
Cable 30'	11	11/05/2008	11/05/2010	ANP05366
Cable 6'	49	11/10/2008	11/10/2010	ANP05371
Cable 20'	16	11/10/2008	11/10/2010	ANP05360

***Equipment Under Test* (* = EUT):**

Function	Manufacturer	Model #	S/N
AC/DC Adapter*	Clarisonic	PBL3100-479	AD64
Charger Base	Clarisonic	PBL4110	74

Support Devices:

Function	Manufacturer	Model #	S/N
Sonic Skin Care Brush	Clarisonic	MIA	EMC4

Test Conditions / Notes:

FCC Part 18
EUT is charging the Sonic Skin Care Brush.

Transducer Legend:

T1=AMP-AN01517-070808	T2=ANT AN01994 25-1000MHz
T3=CAB-ANP05360	T4=CAB-ANP05361
T5=CAB-ANP05366	T6=CAB-ANP05371

Measurement Data: Reading listed by margin. Test Distance: 3 Meters

#	Freq	Rdng	T1 T5	T2 T6	T3	T4	Dist	Corr	Spec	Margin	Polar
	MHz	dBµV	dB	dB	dB	dB	Table	dBµV/m	dBµV/m	dB	Ant
1	77.668M	48.5	-29.1 +0.5	+7.3 +0.2	+0.5	+0.1	-20.0 46	8.0	20.0	-12.0	Vert 100
2	72.000M	45.4	-29.2 +0.5	+6.6 +0.2	+0.5	+0.1	-20.0 360	4.1	20.0	-15.9	Vert 150
3	30.295M	29.9	-29.2 +0.3	+20.3 +0.2	+0.3	+0.1	-20.0 360	1.9	20.0	-18.1	Vert 150
4	69.728M	42.9	-29.2 +0.5	+6.4 +0.2	+0.5	+0.1	-20.0 360	1.4	20.0	-18.6	Vert 150

5	70.106M	42.7	-29.2 +0.5	+6.4 +0.2	+0.5	+0.1	-20.0 360	1.2	20.0	-18.8	Vert 150
6	30.253M	27.6	-29.2 +0.3	+20.3 +0.2	+0.3	+0.1	-20.0	-0.4	20.0	-20.4	Horiz 150
7	943.953M	26.1	-29.2 +2.1	+23.7 +0.5	+1.9	+0.5	-20.0	5.6	26.0	-20.4	Horiz 150
8	68.591M	41.3	-29.2 +0.5	+6.2 +0.2	+0.5	+0.1	-20.0 360	-0.4	20.0	-20.4	Vert 150