

NORTHWEST EMC

Cardiocom
SC200 Wireless Scale
FCC 15.249:2015

Report # CCOM0008 Rev. 1



NVLAP Lab Code: 200881-0

CERTIFICATE OF TEST

Last Date of Test: January 02, 2015

Cardiocom

Model: SC200 Wireless Scale

Radio Equipment Testing

Standards

Specification	Method
FCC 15.249:2015	ANSI C63.10:2009

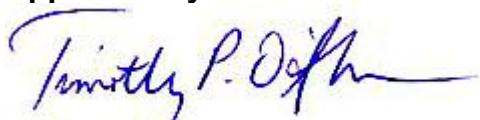
Results

Method Clause	Test Description	Applied	Results	Comments
6.2	AC Powerline Conducted Emissions	No	N/A	Battery powered, not applicable.
6.5, 6.6	Field Strength of Fundamental	Yes	Pass	
6.5, 6.6	Field Strength of Harmonics and Spurious Radiated Emissions	Yes	Pass	

Deviations From Test Standards

None

Approved By:



Tim O'Shea, Operations Manager

Product compliance is the responsibility of the client; therefore, the tests and equipment modes of operation represented in this report were agreed upon by the client, prior to testing. The results of this test pertain only to the sample(s) tested. The specific description is noted in each of the individual sections of the test report supporting this certificate of test.

REVISION HISTORY

Revision Number	Description	Date	Page Number
00	None		
01	Changed the EUT Name	2/20/2015	1, 2, 7, 11, 13, 14

ACCREDITATIONS AND AUTHORIZATIONS

United States

FCC - Designated by the FCC as a Telecommunications Certification Body (TCB). Certification chambers, Open Area Test Sites, and conducted measurement facilities are listed with the FCC.

A2LA - Accredited by A2LA to ISO / IEC Guide 65 as a product certifier. This allows Northwest EMC to certify transmitters to FCC and IC specifications.

NVLAP - Each laboratory is accredited by NVLAP to ISO 17025

Canada

IC - Recognized by Industry Canada as a Certification Body (CB). Certification chambers and Open Area Test Sites are filed with IC.

European Union

European Commission - Validated by the European Commission as a Conformity Assessment Body (CAB) under the EMC directive and as a Notified Body under the R&TTE Directive.

Australia/New Zealand

ACMA - Recognized by ACMA as a CAB for the acceptance of test data.

Korea

MSIP / RRA - Recognized by KCC's RRA as a CAB for the acceptance of test data.

Japan

VCCI - Associate Member of the VCCI. Conducted and radiated measurement facilities are registered.

Taiwan

BSMI - Recognized by BSMI as a CAB for the acceptance of test data.

NCC - Recognized by NCC as a CAB for the acceptance of test data.

Singapore

IDA - Recognized by IDA as a CAB for the acceptance of test data.

Israel

MOC - Recognized by MOC as a CAB for the acceptance of test data.

Hong Kong

OFTA - Recognized by OFTA as a CAB for the acceptance of test data.

Vietnam

MIC - Recognized by MIC as a CAB for the acceptance of test data.

SCOPE

For details on the Scopes of our Accreditations, please visit:

<http://www.nwemc.com/accreditations/>

MEASUREMENT UNCERTAINTY

Measurement Uncertainty

When a measurement is made, the result will be different from the true or theoretically correct value. The difference is the result of tolerances in the measurement system that cannot be completely eliminated. To the extent that technology allows us, it has been our aim to minimize this error. Measurement uncertainty is a statistical expression of measurement error qualified by a probability distribution.

A measurement uncertainty estimation has been performed for each test per our internal quality document WP 342. The estimation is used to compare the measured result with its "true" or theoretically correct value. The expanded measurement uncertainty (K=2) for each test is on each data sheet. Our measurement data meets or exceeds the measurement uncertainty requirements of the applicable specification; therefore, the test data can be compared directly to the specification limit to determine compliance. The calculations for estimating measurement uncertainty are based upon ETSI TR 100 028 (or CISPR 16-4-2 as applicable), and are available upon request.

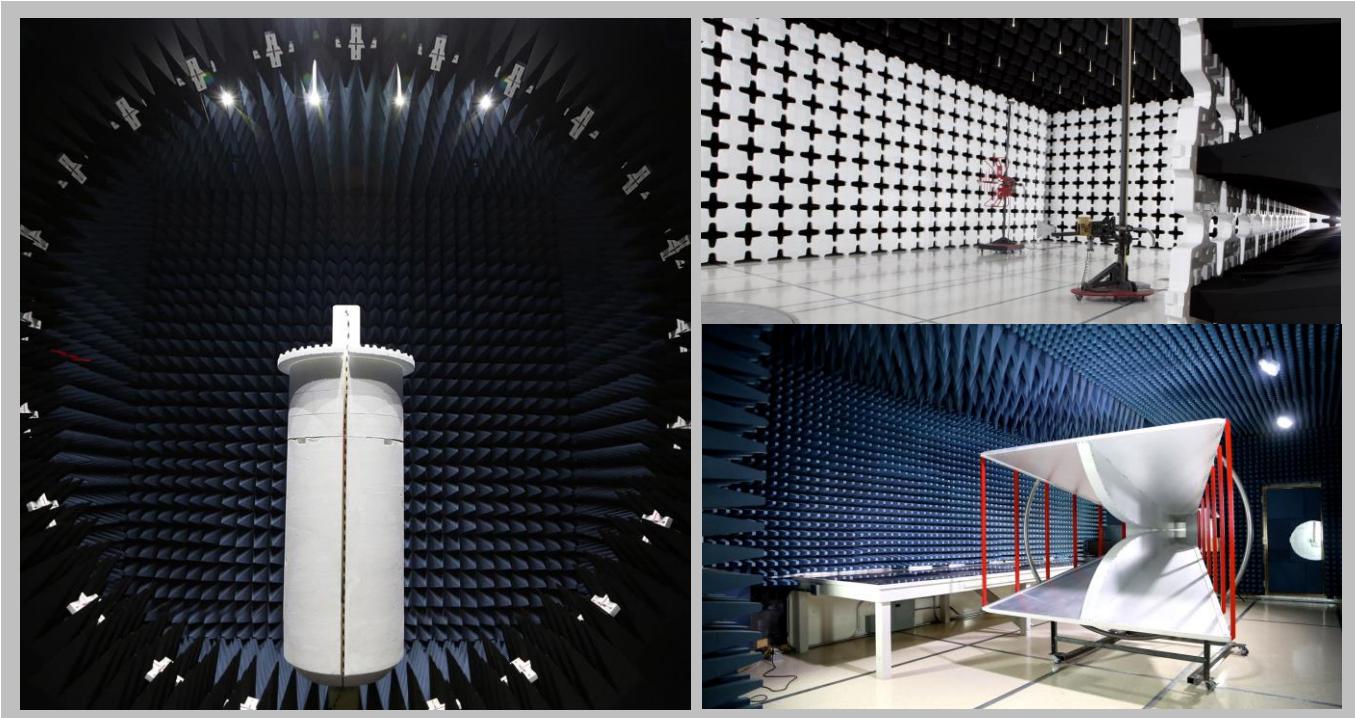
The following table represents the Measurement Uncertainty (MU) budgets for each of the tests that may be contained in this report.

Test	+ MU	- MU
Frequency Accuracy (Hz)	0.0007%	-0.0007%
Amplitude Accuracy (dB)	1.2 dB	-1.2 dB
Conducted Power (dB)	0.3 dB	-0.3 dB
Radiated Power via Substitution (dB)	0.7 dB	-0.7 dB
Temperature (degrees C)	0.7°C	-0.7°C
Humidity (% RH)	2.5% RH	-2.5% RH
Voltage (AC)	1.0%	-1.0%
Voltage (DC)	0.7%	-0.7%
Field Strength (dB)	4.7 dB	-4.7 dB
AC Powerline Conducted Emissions (dB)	2.9 dB	-2.9 dB

FACILITIES



California	Minnesota	New York	Oregon	Texas	Washington
Labs OC01-13 41 Tesla Irvine, CA 92618 (949) 861-8918	Labs MN01-08, MN10 9349 W Broadway Ave. Brooklyn Park, MN 55445 (612)-638-5136	Labs NY01-04 4939 Jordan Rd. Elbridge, NY 13060 (315) 685-0796	Labs EV01-12 22975 NW Evergreen Pkwy Hillsboro, OR 97124 (503) 844-4066	Labs TX01-09 3801 E Plano Pkwy Plano, TX 75074 (469) 304-5255	Labs NC01-05 19201 120 th Ave NE Bothell, WA 9801 (425)984-6600
NVLAP					
NVLAP Lab Code: 200676-0	NVLAP Lab Code: 200881-0	NVLAP Lab Code: 200761-0	NVLAP Lab Code: 200630-0	NVLAP Lab Code: 201049-0	NVLAP Lab Code: 200629-0
Industry Canada					
2834B-1, 2834B-3	2834E-1	N/A	2834D-1, 2834D-2	2834G-1	2834F-1
BSMI					
SL2-IN-E-1154R	SL2-IN-E-1152R	N/A	SL2-IN-E-1017	SL2-IN-E-1158R	SL2-IN-E-1153R
VCCI					
A-0029	A-0109	N/A	A-0108	A-0201	A-0110



PRODUCT DESCRIPTION

Client and Equipment Under Test (EUT) Information

Company Name:	Cardiocom
Address:	7980 Century Blvd
City, State, Zip:	Chanhassen, MN 55317
Test Requested By:	Viet Vuong
Model:	SC200 Wireless Scale
First Date of Test:	January 02, 2015
Last Date of Test:	January 02, 2015
Receipt Date of Samples:	January 02, 2015
Equipment Design Stage:	Revision 3
Equipment Condition:	No Damage

Information Provided by the Party Requesting the Test

Functional Description of the EUT:
Scale
Testing Objective:
Seeking to demonstrate compliance under FCC 15.249 for operation in the 2400 - 2483.5 MHz Band.

CONFIGURATIONS

Configuration CCOM0008- 1

EUT			
Description	Manufacturer	Model/Part Number	Serial Number
Scale	Cardiocom	SC200	103

MODIFICATIONS

Equipment Modifications

Item	Date	Test	Modification	Note	Disposition of EUT
1	1/2/2015	Field Strength of Fundamental	Tested as delivered to Test Station.	No EMI suppression devices were added or modified during this test.	EUT remained at Northwest EMC following the test.
2	1/2/2015	Field Strength of Harmonics and Spurious Radiated Emissions	Tested as delivered to Test Station.	No EMI suppression devices were added or modified during this test.	Scheduled testing was completed.

FIELD STRENGTH OF FUNDAMENTAL

Testing was performed using the mode(s) of operation and configuration(s) noted within the report. The individuals and/or the organization requesting the test provided the modes, configurations and settings used to complete the evaluation. The actual test parameters are specified in the test data, this includes items such as investigated frequency range (scanned) and test levels. The testing methods and performance specifications, as well as the test site used for the evaluation are indicated in the test data. The test data represents the configuration / operating mode/ model that produced the highest emission levels as compared to the specification limit.

MODES OF OPERATION

Transmitting Low Channel (2473.5 MHz), Mid Channel (2475.5 MHz), High Channel, (2478.5 MHz)

POWER SETTINGS INVESTIGATED

Battery

CONFIGURATIONS INVESTIGATED

CCOM0008 - 1

FREQUENCY RANGE INVESTIGATED

Start Frequency	1000 MHz	Stop Frequency	3000 MHz
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SAMPLE CALCULATIONS

Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation

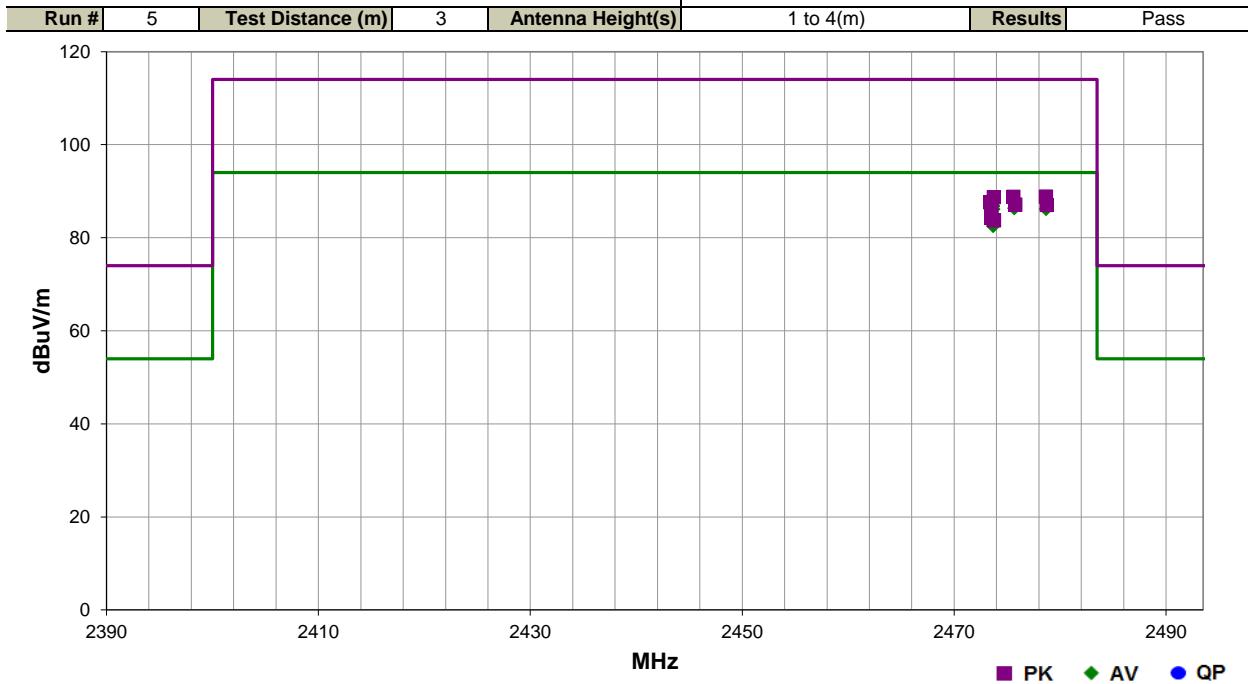
TEST EQUIPMENT

Description	Manufacturer	Model	ID	Last Cal.	Interval
Pre-Amplifier	Miteq	AMF-3D-00100800-32-13P	AVX	3/14/2014	12 mo
MN05 Cables	ESM Cable Corp.	Double Ridge Guide Horn Cables	MNI	3/14/2014	12 mo
Antenna, Horn	ETS	3115	AJA	6/3/2014	24 mo
Spectrum Analyzer	Agilent	N9010A	AFI	1/27/2013	24 mo

TEST DESCRIPTION

The antennas to be used with the EUT were tested. The EUT was transmitting and while set at the lowest channel, a middle channel, and the highest channel available. While scanning, emissions from the EUT were maximized by rotating the EUT, adjusting the measurement antenna height and polarization, and manipulating the EUT and EUT antenna in 3 orthogonal planes (per ANSI C63.10:2009).

Work Order:	CCOM0008	Date:	01/02/15	
Project:	None	Temperature:	23.7 °C	
Job Site:	MN05	Humidity:	13.5% RH	
Serial Number:	103	Barometric Pres.:	1023.8 mbar	
EUT:	SC200 Wireless Scale			
Configuration:	1			
Customer:	Cardiocom			
Attendees:	None			
EUT Power:	Battery			
Operating Mode:	Transmitting Low Channel (2473.5 MHz), Mid Channel (2475.5 MHz), High Channel, (2478.5 MHz)			
Deviations:	None			
Comments:	None			
Test Specifications		Test Method		
FCC 15.249:2015		ANSI C63.10:2009		



Freq (MHz)	Amplitude (dBuV)	Factor (dB)	Antenna Height (meters)	Azimuth (degrees)	Test Distance (meters)	External Attenuation (dB)	Polarity/Transducer Type	Detector	Distance Adjustment (dB)	Adjusted (dBuV/m)	Spec. Limit (dBuV/m)	Compared to Spec. (dB)	Comments
2478.700	52.9	35.1	1.0	169.0	3.0	0.0	Horz	AV	0.0	88.0	94.0	-6.0	EUT On Side, High Ch
2475.683	52.9	35.1	1.0	169.0	3.0	0.0	Horz	AV	0.0	88.0	94.0	-6.0	EUT On Side, Mid Ch
2473.700	52.9	35.1	1.0	169.0	3.0	0.0	Horz	AV	0.0	88.0	94.0	-6.0	EUT On Side, Low Ch
2473.692	51.7	35.1	1.0	6.0	3.0	0.0	Horz	AV	0.0	86.8	94.0	-7.2	EUT Vertical, Low Ch
2473.675	51.7	35.1	1.0	149.1	3.0	0.0	Horz	AV	0.0	86.8	94.0	-7.2	EUT Horz, Low Ch
2475.667	51.2	35.1	1.0	202.1	3.0	0.0	Vert	AV	0.0	86.3	94.0	-7.7	EUT Vertical, Mid Ch
2478.675	51.0	35.1	1.0	202.1	3.0	0.0	Vert	AV	0.0	86.1	94.0	-7.9	EUT Vertical, High Ch
2473.700	51.0	35.1	1.0	202.1	3.0	0.0	Vert	AV	0.0	86.1	94.0	-7.9	EUT Vertical, Low Ch
2473.683	48.1	35.1	1.0	243.0	3.0	0.0	Vert	AV	0.0	83.2	94.0	-10.8	EUT On Side, Low Ch
2473.692	47.4	35.1	1.0	6.0	3.0	0.0	Vert	AV	0.0	82.5	94.0	-11.5	EUT Horz, Low Ch
2478.667	53.7	35.1	1.0	169.0	3.0	0.0	Horz	PK	0.0	88.8	114.0	-25.2	EUT On Side, High Ch
2475.575	53.7	35.1	1.0	169.0	3.0	0.0	Horz	PK	0.0	88.8	114.0	-25.2	EUT On Side, Mid Ch
2473.750	53.6	35.1	1.0	169.0	3.0	0.0	Horz	PK	0.0	88.7	114.0	-25.3	EUT On Side, Low Ch
2473.483	52.5	35.1	1.0	6.0	3.0	0.0	Horz	PK	0.0	87.6	114.0	-26.4	EUT Vertical, Low Ch
2473.433	52.5	35.1	1.0	149.1	3.0	0.0	Horz	PK	0.0	87.6	114.0	-26.4	EUT Horz, Low Ch
2475.775	52.0	35.1	1.0	202.1	3.0	0.0	Vert	PK	0.0	87.1	114.0	-26.9	EUT Vertical, Mid Ch
2478.742	51.9	35.1	1.0	202.1	3.0	0.0	Vert	PK	0.0	87.0	114.0	-27.0	EUT Vertical, High Ch
2473.475	51.8	35.1	1.0	202.1	3.0	0.0	Vert	PK	0.0	86.9	114.0	-27.1	EUT Vertical, Low Ch
2473.517	49.2	35.1	1.0	243.0	3.0	0.0	Vert	PK	0.0	84.3	114.0	-29.7	EUT On Side, Low Ch
2473.758	48.6	35.1	1.0	6.0	3.0	0.0	Vert	PK	0.0	83.7	114.0	-30.3	EUT Horz, Low Ch

Testing was performed using the mode(s) of operation and configuration(s) noted within the report. The individuals and/or the organization requesting the test provided the modes, configurations and settings used to complete the evaluation. The actual test parameters are specified in the test data, this includes items such as investigated frequency range (scanned) and test levels. The testing methods and performance specifications, as well as the test site used for the evaluation are indicated in the test data. The test data represents the configuration / operating mode/ model that produced the highest emission levels as compared to the specification limit.

MODES OF OPERATION

Transmitting Low Channel (2473.5 MHz), Mid Channel (2475.5 MHz), High Channel, (2478.5 MHz)

POWER SETTINGS INVESTIGATED

Battery

CONFIGURATIONS INVESTIGATED

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FREQUENCY RANGE INVESTIGATED

Start Frequency	30 MHz	Stop Frequency	26000 MHz
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SAMPLE CALCULATIONS

Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation

TEST EQUIPMENT

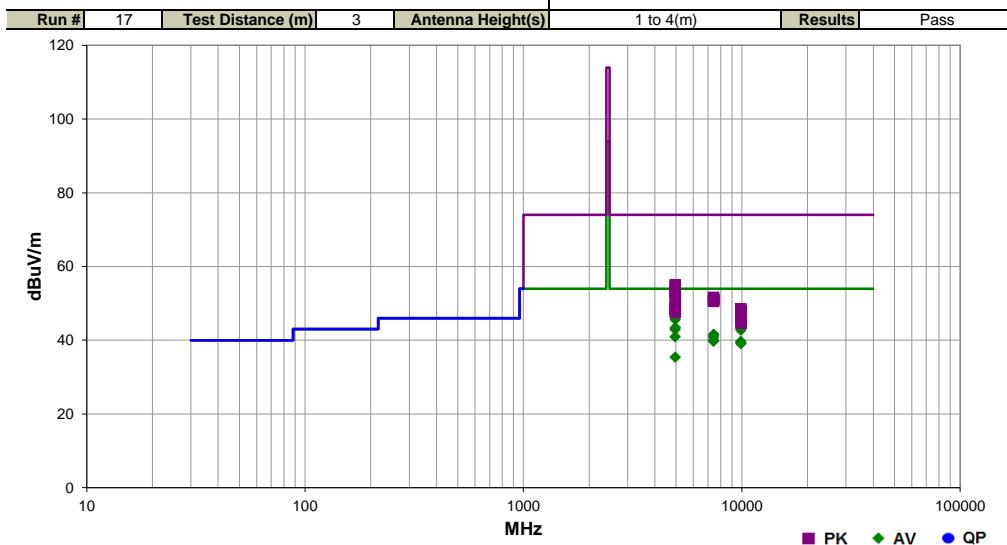
Description	Manufacturer	Model	ID	Last Cal.	Interval
Attenuator, 20 dB, 'SMA'	SM Electronics	SA6-20	REO	5/15/2014	12 mo
High Pass Filter	Micro-Tronics	HPM50111	HGQ	5/15/2014	12 mo
Pre-Amplifier	Miteq	JSD4-18002600-26-8P	APU	10/3/2014	12 mo
MN05 Cable	N/A	18-26GHz Standard Gain Horn Cable	MNP	10/3/2014	12 mo
Antenna, Horn	ETS	3160-09	AHG	NCR	0 mo
Pre-Amplifier	Miteq	AMF-6F-12001800-30-10P	AVW	3/14/2014	12 mo
Antenna, Horn	ETS Lindgren	3160-08	AIQ	NCR	0 mo
MN05 Cables	ESM Cable Corp.	Standard Gain Horn Cables	MNJ	3/14/2014	12 mo
Pre-Amplifier	Miteq	AMF-6F-08001200-30-10P	AVV	3/14/2014	12 mo
Antenna, Horn	ETS	3160-07	AXP	NCR	0 mo
Pre-Amplifier	Miteq	AMF-3D-00100800-32-13P	AVX	3/14/2014	12 mo
MN05 Cables	ESM Cable Corp.	Double Ridge Guide Horn Cables	MNI	3/14/2014	12 mo
Antenna, Horn	ETS	3115	AJA	6/3/2014	24 mo
Pre-Amplifier	Miteq	AM-1616-1000	PAD	3/14/2014	12 mo
MN05 Cables	ESM Cable Corp.	Bilog Cables	MNH	3/14/2014	12 mo
Antenna, Biconilog	Teseq	CBL 6141B	AYD	12/17/2013	24 mo
Spectrum Analyzer	Agilent	N9010A	AFI	1/27/2013	24 mo

TEST DESCRIPTION

The antennas to be used with the EUT were tested. The EUT was transmitting and receiving while set at the lowest channel, a middle channel, and the highest channel available. While scanning, emissions from the EUT were maximized by rotating the EUT, adjusting the measurement antenna height and polarization, and manipulating the EUT antenna in 3 orthogonal planes (per ANSI C63.10:2009). A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

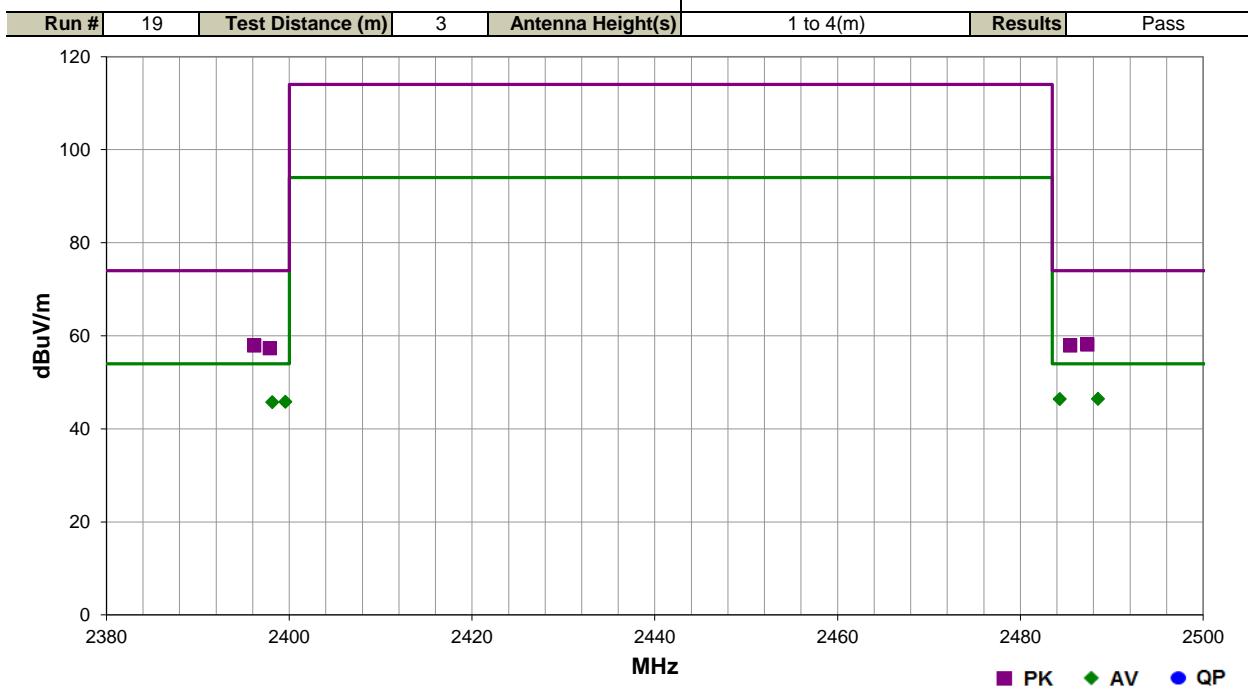
Work Order:	CCOM0008	Date:	01/02/15	
Project:	None	Temperature:	23.7 °C	
Job Site:	MN05	Humidity:	13.5% RH	
Serial Number:	103	Barometric Pres.:	1023.8 mbar	Tested by: Johnathan Lee
EUT:	SC200 Wireless Scale			
Configuration:	1			
Customer:	Cardiocom			
Attendees:	None			
EUT Power:	Battery			
Operating Mode:	Transmitting Low Channel (2473.5 MHz), Mid Channel (2475.5 MHz), High Channel, (2478.5 MHz)			
Deviations:	None			
Comments:	None			

Test Specifications	Test Method
FCC 15.249:2015	ANSI C63.10:2009



Freq (MHz)	Amplitude (dBuV)	Factor (dB)	Antenna Height (meters)	Azimuth (degrees)	Test Distance (meters)	External Attenuation (dB)	Polarity/Transducer Type	Detector	Distance Adjustment (dB)	Adjusted (dBuV/m)	Spec. Limit (dBuV/m)	Compared to Spec. (dB)	Comments
4947.358	47.1	4.9	1.0	192.1	3.0	0.0	Horz	AV	0.0	52.0	54.0	-2.0	EUT Vertical, Low Ch
4957.367	46.1	4.9	1.0	192.1	3.0	0.0	Horz	AV	0.0	51.0	54.0	-3.0	EUT Vertical, High Ch
4947.375	44.5	4.9	1.2	191.1	3.0	0.0	Vert	AV	0.0	49.4	54.0	-4.6	EUT On Side, Low Ch
4957.383	44.3	4.9	1.0	170.1	3.0	0.0	Vert	AV	0.0	49.2	54.0	-4.8	EUT On Side, High Ch
4957.342	41.9	4.9	1.0	43.0	3.0	0.0	Horz	AV	0.0	46.8	54.0	-7.2	EUT Horz, High Ch
4957.392	40.7	4.9	1.0	340.9	3.0	0.0	Vert	AV	0.0	45.6	54.0	-8.4	EUT Horz, High Ch
9902.775	51.6	-7.6	1.0	162.0	3.0	0.0	Vert	AV	0.0	44.0	54.0	-10.0	EUT On Side, Mid Ch
4957.400	38.5	4.9	1.0	172.0	3.0	0.0	Horz	AV	0.0	43.4	54.0	-10.6	EUT On Side, High Ch
9914.733	50.9	-7.7	1.0	163.1	3.0	0.0	Vert	AV	0.0	43.2	54.0	-10.8	EUT On Side, High Ch
4951.358	38.0	4.9	1.0	315.0	3.0	0.0	Horz	AV	0.0	42.9	54.0	-11.1	EUT On Side, Mid Ch
9894.758	50.4	-7.6	1.0	163.1	3.0	0.0	Vert	AV	0.0	42.8	54.0	-11.2	EUT On Side, Low Ch
7436.167	28.6	13.0	1.4	222.0	3.0	0.0	Horz	AV	0.0	41.6	54.0	-12.4	EUT Vertical, High Ch
7436.083	28.5	13.0	1.5	196.1	3.0	0.0	Vert	AV	0.0	41.5	54.0	-12.5	EUT On Side, High Ch
4951.333	36.0	4.9	1.0	114.0	3.0	0.0	Vert	AV	0.0	40.9	54.0	-13.1	EUT Vertical, Mid Ch
7421.017	27.9	12.9	1.0	120.1	3.0	0.0	Vert	AV	0.0	40.8	54.0	-13.2	EUT On Side, Low Ch
7427.008	27.0	12.9	1.0	174.1	3.0	0.0	Horz	AV	0.0	39.9	54.0	-14.1	EUT Vertical, Low Ch
7421.092	26.9	12.9	1.0	336.9	3.0	0.0	Horz	AV	0.0	39.8	54.0	-14.2	EUT On Side, Mid Ch
7427.167	26.8	12.9	1.9	350.0	3.0	0.0	Vert	AV	0.0	39.7	54.0	-14.3	EUT Vertical, Mid Ch
9902.725	47.3	-7.6	1.0	163.1	3.0	0.0	Horz	AV	0.0	39.7	54.0	-14.3	EUT Vertical, Mid Ch
9894.767	47.1	-7.6	1.0	189.0	3.0	0.0	Horz	AV	0.0	39.5	54.0	-14.5	EUT Vertical, Low Ch
9914.717	46.7	-7.7	1.0	164.0	3.0	0.0	Horz	AV	0.0	39.0	54.0	-15.0	EUT Vertical, High Ch
4957.433	30.5	4.9	1.0	210.1	3.0	0.0	Vert	AV	0.0	35.4	54.0	-18.6	EUT Vertical, High Ch
4947.492	50.1	4.9	1.0	192.1	3.0	0.0	Horz	PK	0.0	55.0	74.0	-19.0	EUT Vertical, Low Ch
4957.425	49.3	4.9	1.0	192.1	3.0	0.0	Horz	PK	0.0	54.2	74.0	-19.8	EUT Vertical, High Ch
4947.675	48.2	4.9	1.2	191.1	3.0	0.0	Vert	PK	0.0	53.1	74.0	-20.9	EUT On Side, Low Ch
4957.600	48.0	4.9	1.0	170.1	3.0	0.0	Vert	PK	0.0	52.9	74.0	-21.1	EUT On Side, High Ch
7419.992	38.7	12.9	1.0	120.1	3.0	0.0	Vert	PK	0.0	51.6	74.0	-22.4	EUT On Side, Low Ch
4957.533	46.6	4.9	1.0	43.0	3.0	0.0	Horz	PK	0.0	51.5	74.0	-22.5	EUT Horz, High Ch
7435.658	38.4	13.0	1.4	222.0	3.0	0.0	Horz	PK	0.0	51.4	74.0	-22.6	EUT Vertical, High Ch
7436.558	38.1	13.0	1.5	196.1	3.0	0.0	Vert	PK	0.0	51.1	74.0	-22.9	EUT On Side, High Ch
7425.000	38.0	12.9	1.0	174.1	3.0	0.0	Horz	PK	0.0	50.9	74.0	-23.1	EUT On Side, Mid Ch
7420.975	37.7	12.9	1.0	336.9	3.0	0.0	Horz	PK	0.0	50.6	74.0	-23.4	EUT Vertical, Low Ch
4957.292	45.7	4.9	1.0	340.9	3.0	0.0	Vert	PK	0.0	50.6	74.0	-23.4	EUT Horz, High Ch
7424.533	37.6	12.9	1.9	350.0	3.0	0.0	Vert	PK	0.0	50.5	74.0	-23.5	EUT Vertical, Mid Ch
4957.475	44.2	4.9	1.0	172.0	3.0	0.0	Horz	PK	0.0	49.1	74.0	-24.9	EUT On Side, High Ch
9902.725	56.2	-7.6	1.0	162.0	3.0	0.0	Vert	PK	0.0	48.6	74.0	-25.4	EUT On Side, Mid Ch
4951.692	43.6	4.9	1.0	315.0	3.0	0.0	Horz	PK	0.0	48.5	74.0	-25.5	EUT On Side, Mid Ch
4957.508	43.4	4.9	1.0	210.1	3.0	0.0	Vert	PK	0.0	48.3	74.0	-25.7	EUT Vertical, High Ch
9914.658	55.6	-7.7	1.0	163.1	3.0	0.0	Vert	PK	0.0	47.9	74.0	-26.1	EUT On Side, High Ch
4951.292	42.6	4.9	1.0	114.0	3.0	0.0	Vert	PK	0.0	47.5	74.0	-26.5	EUT Vertical, Mid Ch
9894.742	55.1	-7.6	1.0	163.1	3.0	0.0	Vert	PK	0.0	47.5	74.0	-26.5	EUT On Side, Low Ch
9903.408	52.9	-7.6	1.0	163.1	3.0	0.0	Horz	PK	0.0	45.3	74.0	-28.7	EUT Vertical, Mid Ch
9895.150	52.8	-7.6	1.0	189.0	3.0	0.0	Horz	PK	0.0	45.2	74.0	-28.8	EUT Vertical, Low Ch
9914.908	52.3	-7.7	1.0	164.0	3.0	0.0	Horz	PK	0.0	44.6	74.0	-29.4	EUT Vertical, High Ch

Work Order:	CCOM0008	Date:	01/02/15	
Project:	None	Temperature:	23.7 °C	
Job Site:	MN05	Humidity:	13.5% RH	
Serial Number:	103	Barometric Pres.:	1023.8 mbar	
EUT:	SC200 Wireless Scale			
Configuration:	1			
Customer:	Cardiocom			
Attendees:	None			
EUT Power:	Battery			
Operating Mode:	Transmitting Low Channel (2473.5 MHz), High Channel, (2478.5 MHz)			
Deviations:	None			
Comments:	None			
Test Specifications		Test Method		
FCC 15.249:2015		ANSI C63.10:2009		



Freq (MHz)	Amplitude (dBuV)	Factor (dB)	Antenna Height (meters)	Azimuth (degrees)	Test Distance (meters)	External Attenuation (dB)	Polarity/Transducer Type	Detector	Distance Adjustment (dB)	Adjusted (dBuV/m)	Spec. Limit (dBuV/m)	Compared to Spec. (dB)	Comments
2488.500	29.4	-3.0	1.0	312.9	3.0	20.0	Horz	AV	0.0	46.4	54.0	-7.6	EUT Vertical, High Ch
2484.308	29.4	-3.0	1.0	105.1	3.0	20.0	Vert	AV	0.0	46.4	54.0	-7.6	EUT On Side, High Ch
2399.575	29.2	-3.4	1.0	166.1	3.0	20.0	Horz	AV	0.0	45.8	54.0	-8.2	EUT Vertical, Low Ch
2398.158	29.1	-3.4	1.0	332.0	3.0	20.0	Vert	AV	0.0	45.7	54.0	-8.3	EUT On Side, Low Ch
2487.317	41.1	-3.0	1.0	105.1	3.0	20.0	Vert	PK	0.0	58.1	74.0	-15.9	EUT On Side, High Ch
2396.167	41.3	-3.4	1.0	166.1	3.0	20.0	Horz	PK	0.0	57.9	74.0	-16.1	EUT Vertical, Low Ch
2485.450	40.9	-3.0	1.0	312.9	3.0	20.0	Horz	PK	0.0	57.9	74.0	-16.1	EUT Vertical, High Ch
2397.875	40.7	-3.4	1.0	332.0	3.0	20.0	Vert	PK	0.0	57.3	74.0	-16.7	EUT On Side, Low Ch