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List Of General Information Required For Certification

In Accordance with FCC Rules and Regulations,
Volume II, Part 2 and to

15.247

Sub-Part 2.1033**(c)(1): Name and Address of Applicant:**

Performance Health Technologies
6654 Gunpark Drive
Second Floor
Boulder, CO 80301

Manufacturer:

Applicant

(c)(2): FCC ID:

SJOMT01-B

Model Number:

Wireless Monitor System
Base Unit

(c)(3): Instruction Manual(s):

Please See Attached Exhibits

(c)(4): Type of Emission:

DSSS

(c)(5): FREQUENCY RANGE, MHz:

2420 – 2475

(c)(6): Power Rating, W:

0.001

☐ Switchable☐ Variable☒ N/A**(c)(7): Maximum Power Rating, W:**

1.0

15.203: Antenna Requirement:

- ☒ The antenna is permanently attached to the EUT
☐ The antenna uses a unique coupling
☐ The EUT must be professionally installed
☐ The antenna requirement does not apply

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Name of Test: Out of Band Emissions

State: General

Frequency Tuned, MHz	Frequency Emission, MHz	Meter, dBuV	CF, dB	uV/m @ 3 m	EIRP, dBm	Peak Average*
2420.000	4828.342	29.5	14.2	43.7		Peak
2420.000	7267.666	28.8	17.1	45.9		Peak
2420.000	9679.333	29.2	21.9	51.1	>- 33dBm	Peak
2420.000	12011.000	30.2	15.9	46.1		Peak
2420.000	14490.013	27.8	16.5	44.3		Peak
2420.000	16939.000	23.5	10.9	34.4		Peak
Frequency Tuned, MHz	Frequency Emission, MHz	Meter, dBuV	CF, dB	uV/m @ 3 m	EIRP, dBm	Peak Average*
2440.000	4878.862	29.3	14.2	43.5		Peak
2440.000	7330.666	28.9	17.1	46.0		Peak
2440.000	9760.333	29.2	21.9	51.1	>- 33dBm	Peak
2440.000	12222.000	30.8	15.9	46.8		Peak
2440.000	14640.015	27.3	16.5	43.8		Peak
2440.000	17076.180	24.5	10.9	35.4		Peak
Frequency Tuned, MHz	Frequency Emission, MHz	Meter, dBuV	CF, dB	uV/m @ 3 m	EIRP, dBm	Peak Average*
2475.000	4951.111	29.6	14.2	43.8		Peak
2475.000	7426.666	28.9	17.1	46.0		Peak
2475.000	9900.553	29.0	21.9	49.9	>- 33dBm	Peak
2475.000	12381.010	30.1	15.9	46.0		Peak
2475.000	14870.019	27.0	16.5	43.5		Peak
2475.000	17339.680	25.2	10.9	36.1		Peak

*Peak And Average Values

NOTE: The base unit is passive without input from remote unit. The above measurements were taken with both units operating as a system and represent the worst-case condition.



Supervised By:

David E. Lee,
Compliance Test Manager

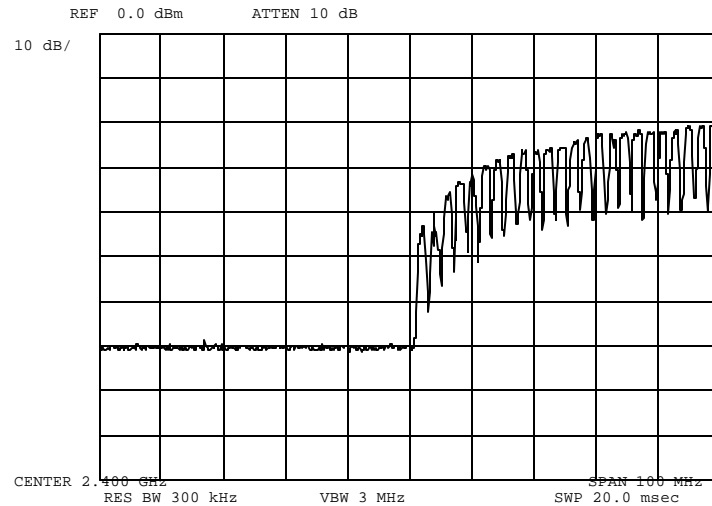
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Name of Test: Emission at Band Edges (Radiated)
Transmitter Power Density

g04b0045: 2004-Nov-10 Wed 14:51:00

State: 2: High Power – Loose Coupled (Search Mode)

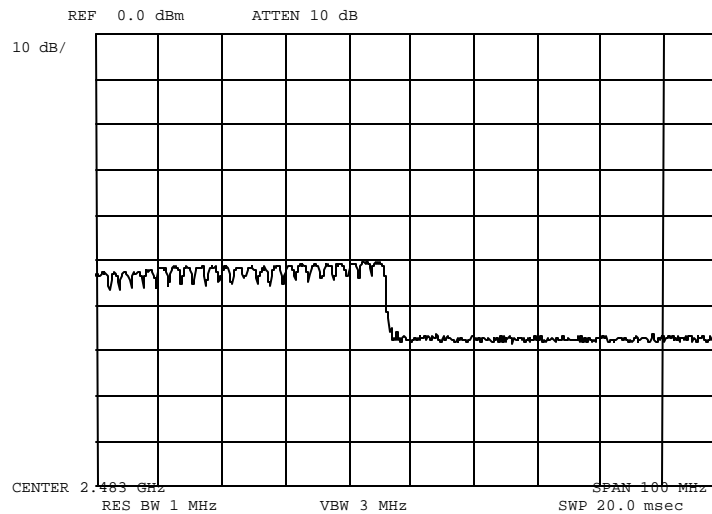


Modulation:

GFSK
LOWER EDGE

g04b0045: 2004-Nov-10 Wed 14:51:00

State: 2: High Power – Loose Coupled (Search Mode)



Modulation:

GFSK
LOWER EDGE

Performed By:

David E. Lee,
Compliance Test Manager

Name of Test: A/C Powerline Conducted Emissions

Specification: FCC: 47 CFR 15.107

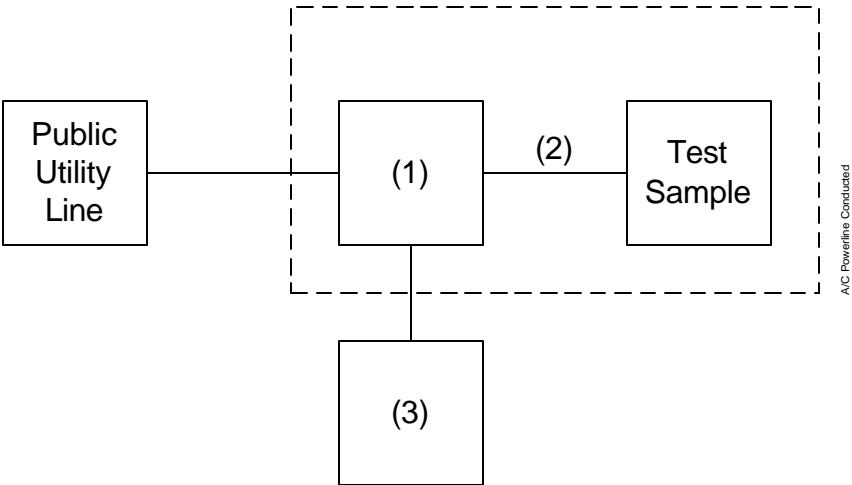
Guide: IEEE Standard 213

Test Conditions: S. T. & H.

Measurement Procedure

- 1. A test sample was connected to the Public Utility lines through a LISN.
- 2. A reference level of 250 µV was set on the Spectrum Analyzer. The spectrum was searched over the range of 150 kHz to 30 MHz.
- 3. All other emissions were 20 dB or more below limit.
- 4. The test sample used a charger.
 X The test sample does not use a charger.
- 5. Measurement Results: Attached.

Test Set Up: A/C Powerline Conducted Measurements



Asset	Description	s/n	Cycle	Last Cal
Per ANSI C63.4 - 1992/2000 Draft, 10.1.4				
(1)	Line Impedance Stabilization Network			
X	i00244	Fischer 50-20-2-01	2047	NCR
(2)	Screen Room			
X	i00170	Lindgren LG170	4999	NCR
(3)	Spectrum Analyzer			
X	i00033	HP 85462A	3625A00357	12 mo. Aug-04
	i00048	HP 8566B	2511AD1467	12 mo. Sep-04

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Test Setup:

A/C Powerline Conducted Emissions



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Results: A/C Powerline Conducted Emissions

g04b0027: 2004-Nov-10 Wed 08:30:00

State: Line Side

Frequency Tuned, MHz	Frequency Emission, MHz	Level, dBuV	C.F., dB	Calc, dBμV
2440.000000	0.210000	48.1	0.9	49.0
2440.000000	4.810000	38.1	0.7	38.8
2440.000000	8.810000	36.8	0.9	37.7
2440.000000	13.700000	33.7	1.1	34.8
2440.000000	19.850000	40.4	2.0	42.4
2440.000000	20.260000	34.0	2.0	36.0

g04b0028: 2004-Nov-10 Wed 08:37:00

State: Neutral Side

Frequency Tuned, MHz	Frequency Emission, MHz	Level, dBuV	C.F., dB	Calc dBμV
2440.000000	0.270000	42.3	0.7	43.0
2440.000000	3.110000	37.5	0.6	38.1
2440.000000	5.760000	40.7	0.8	41.5
2440.000000	9.520000	36.8	0.9	37.7
2440.000000	13.580000	38.7	1.1	39.8
2440.000000	19.730000	29.7	2.0	31.7

Performed By:



Samir Mahmoud