Devices

name			address	type	sampling rate
0C:43:14:1C:2A:25			0C:43:14:1C:2A:25	bitalino_rev	1000 Hz

channel	label	sensor	resolution	channel	label	sensor	resolution
A1	A1	RAW	10	I1	INPUT	BTN	1
A2	A2	ECGBIT	10	I2	INPUT	Generic Input	1
A3	A3	RAW	10	O1	OUTPUT	LED	1
A4	A4	RAW	10	O2	OUTPUT	BUZ	1
A5	A5	RAW	10	DAC	DAC	PWM	8
A6	A6	RAW	10				

Heart Rate Variability (HRV) analysis

unit	session time	selection start	selection end	total processed time
Millivolt	00:33.6	00:00.0	00:30.7	00:30.7

0C:43:14:1C:2A:25

A2 – ECGBIT
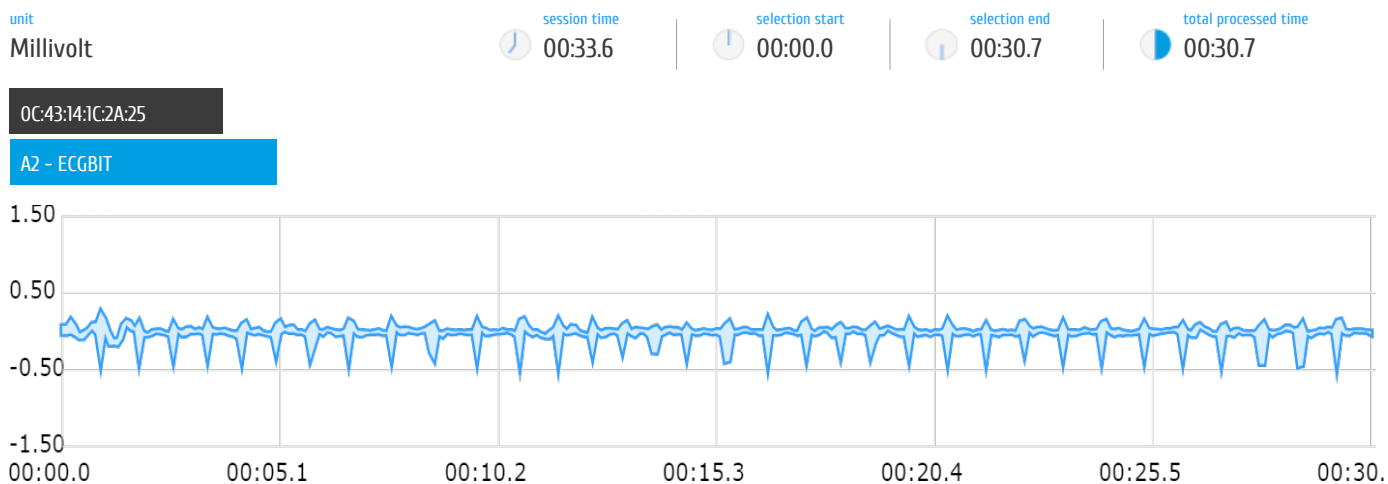
Processed channels

0C:43:14:1C:2A:25

A2

Processing results

Time parameters

0C:43:14:1C:2A:25

channel	MIN NN(ms)	MAX NN(ms)	AVG NN(ms)	SD NN(ms)	rMSSD NN	NN20	pNN20(%)	NN50	pNN50(%)	AVG IHR(BPM)	SD IHR(BPM)	SD NN Index	SD RR(ms)	SDANN(ms)	rMMSSD RR
2	708	1049	875	79	66	21	65	11	34	68	6	53	79	17	66

Frequency parameters

0C:43:14:1C:2A:25

	VLF	LF	HF	UNIT
FREQ	0-0.04	0.04-0.15	0.15-0.4	Hz
PEAK	0.036	0.143	0.179	Hz
POWER	315	2272	2712	ms^2
POWER	6	43	51	%
POWER		46	54	n.u.
LF/HF	0.8			

Non linear parameters

0C:43:14:1C:2A:25

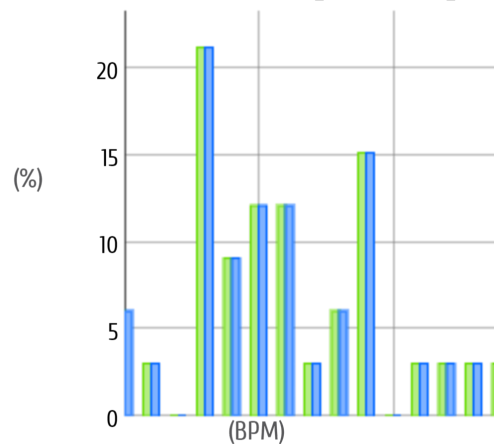| SD1 (ms)	SD2 (ms)	SD1/SD2	AREA
47	102	0.46	15060

plux
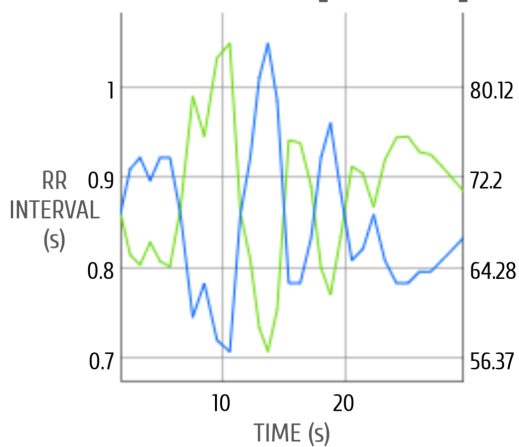
TACHOGRAM [RR – IHR]

TACHOGRAM [NN – IHR]
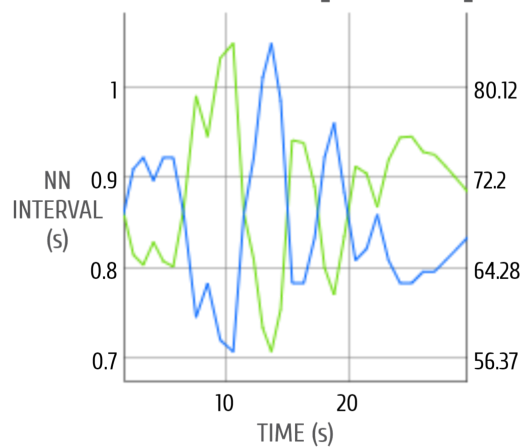
HISTOGRAM [RR – NN]
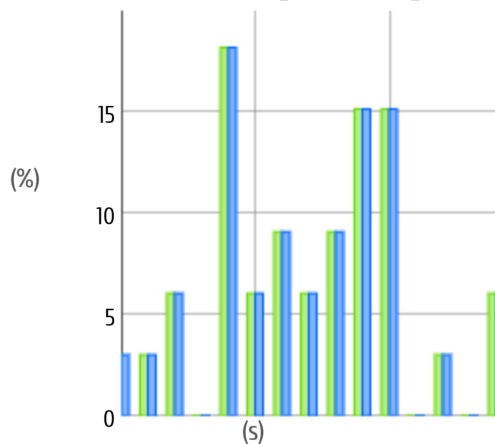
IHR HISTOGRAM [RR – NN]

POWER SPECTRAL DENSITY
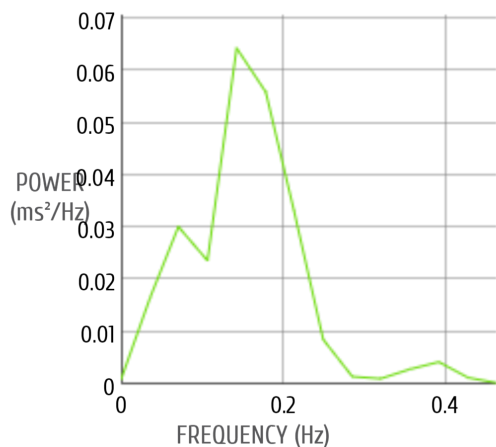
POINCARE PLOT
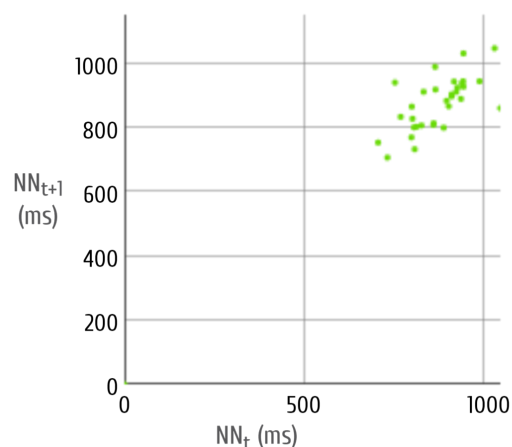
Glossary

1. HRV: Heart Rate Variability.

Respiration analysis

unit	session time	selection start	selection end	total processed time
Volt	00:33.6	00:00.0	00:30.7	00:30.7

0C:43:14:1C:2A:25

Processed channels

0C:43:14:1C:2A:25

Processing results

Signal statistics analysis

session time	selection start	selection end	total processed time
00:33.6	00:00.0	00:30.7	00:30.7

0C:43:14:1C:2A:25

A2 - RAW
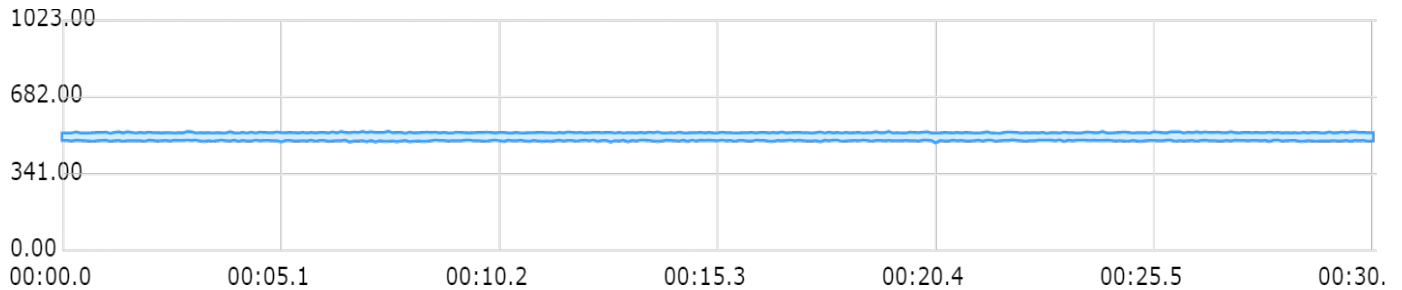
A3 - ECGBIT

A4 - RAW
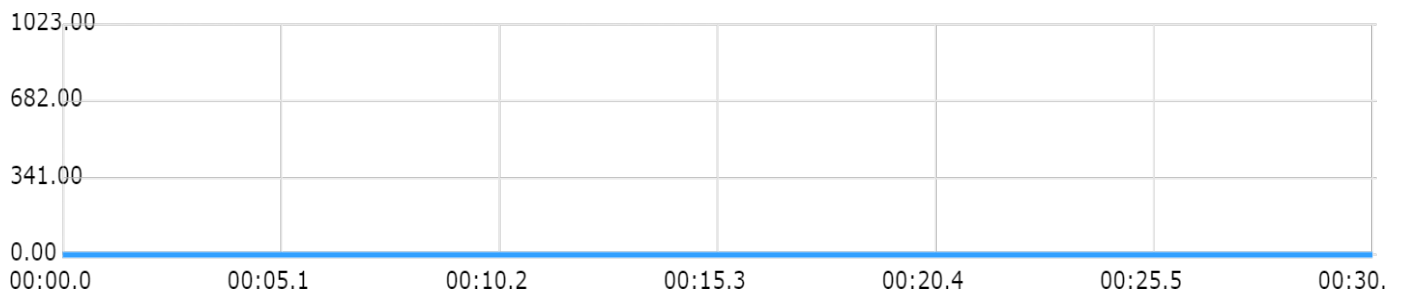
A5 - RAW
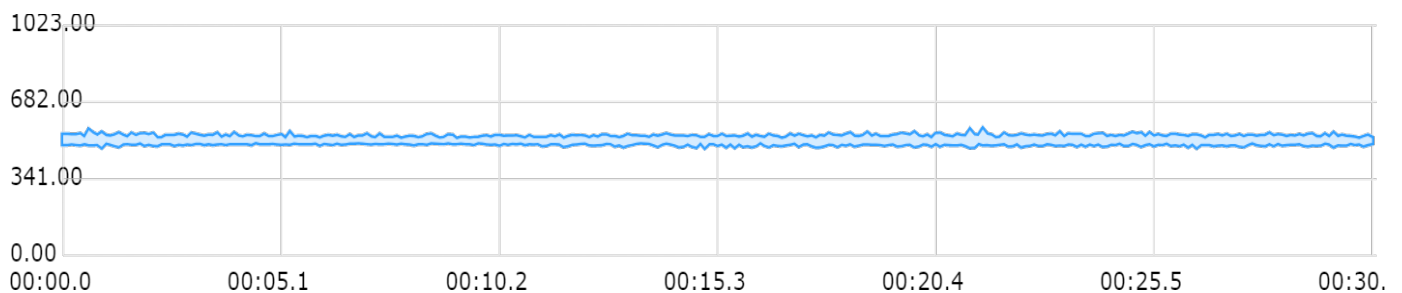
plux

A6 – RAW
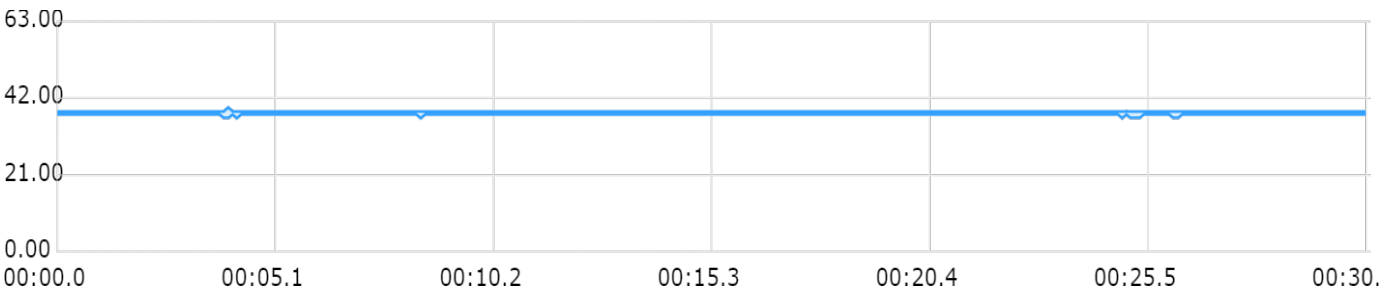
A7 – RAW
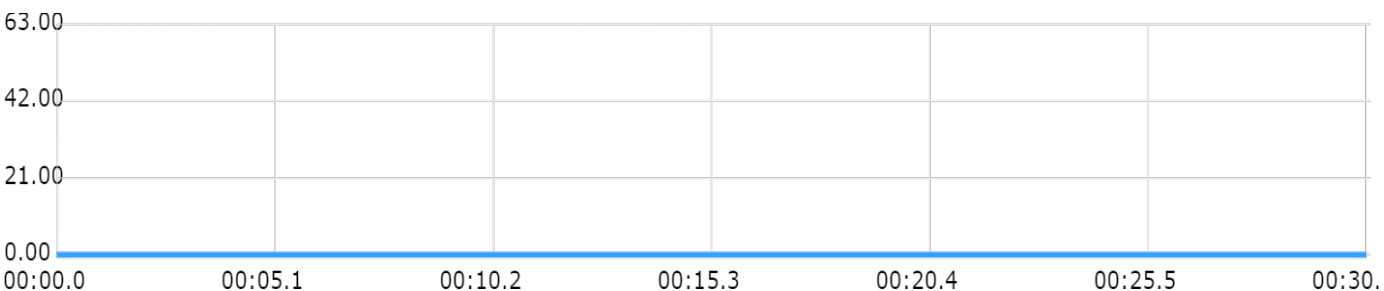
Processed channels

0C:43:14:1C:2A:25

A1 A2 A3 A4 A5 A6

Signal Statistics

0C:43:14:1C:2A:25

CHANNEL	MIN	MAX	MEAN	MEDIAN	STD	PEAK2PEAK	RMS	RSS	UNIT
1	486.00	524.00	507.00	507.00	4.84	38.00	507.02	88822.80	
2	-0.46	0.26	-0.00	-0.00	0.06	0.72	0.06	10.07	mV
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
4	483.00	561.00	510.78	510.00	6.64	78.00	510.82	89488.43	
5	37.00	39.00	38.00	38.00	0.05	2.00	38.00	6656.56	
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	