



杭州爱华仪器有限公司

HANGZHOU AIHUA INSTRUMENTS CO.,LTD.



# AWA6258A 环境振动分析仪 使用说明书

OPERATING INSTRUCTION





---

1

)

)

)

)

2

2 1

)

)

( )

)

)

)

)

)

)

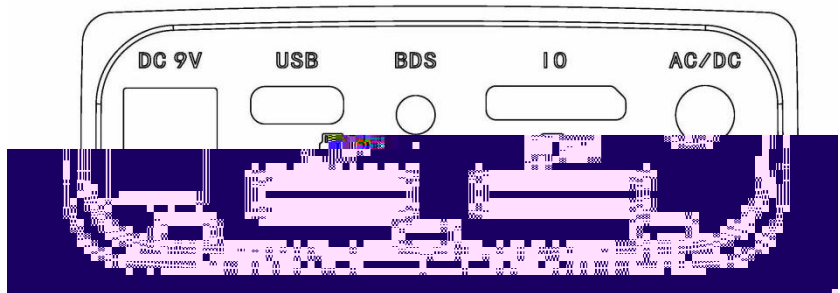
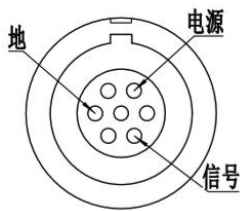
( )

)

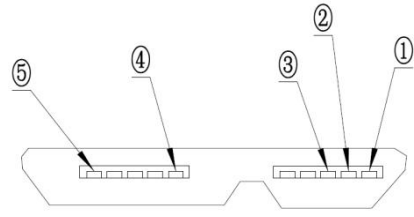
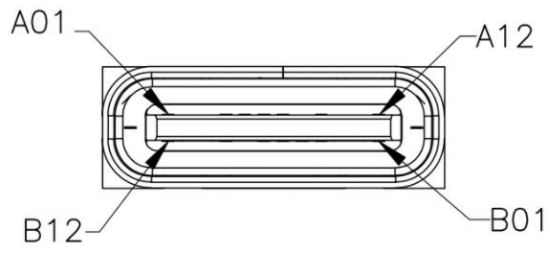
---

)

1







4

5

( ) — — — — — /

( ) — — — — — /

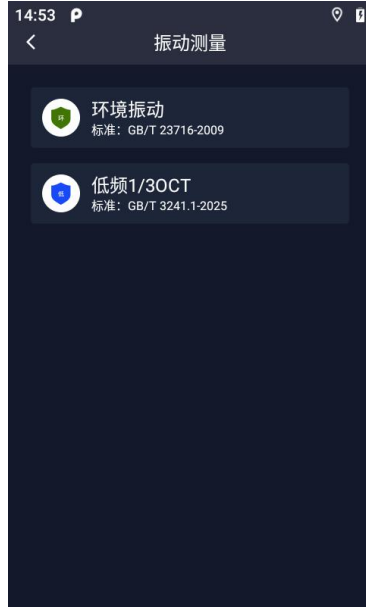


%  
%  
%  
%  
%



6  
6.1

6.2



6.3

6.3.1

6.3.2

6.3.2.1

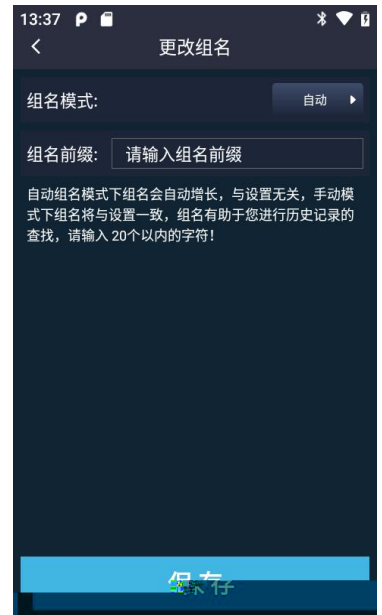
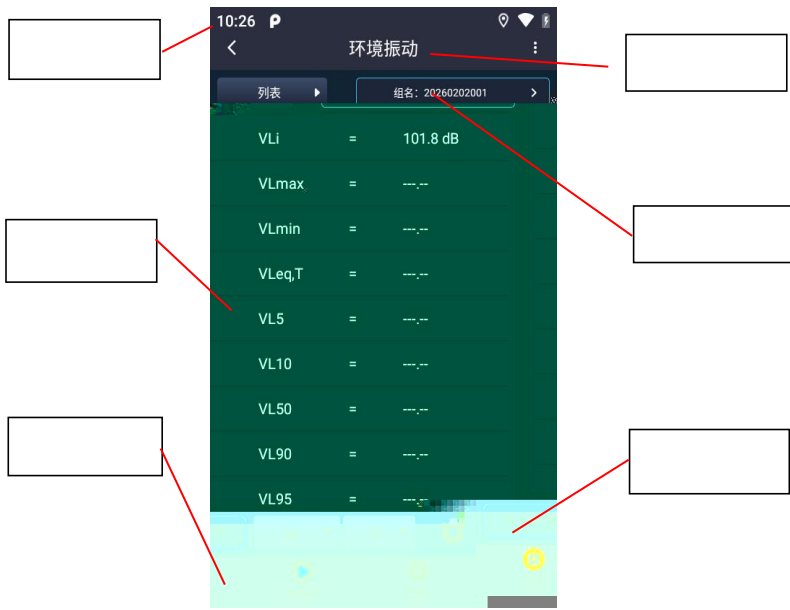
( )



( )



( )



( )

( ) )

)

)

)

( )

||



6.3.2.2



6.3.2.3



- ( )
- ( )
- ( )



- )
- )

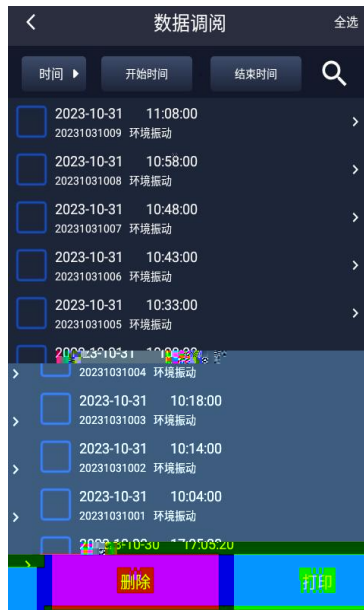
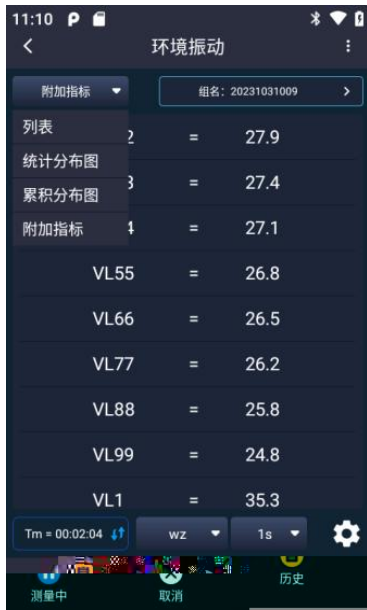
)

启动方式:	定时 ▶
重复	仅一次 ▶
启动时间	2023-10-30 15:34:57 >

启动方式:	定时 ▶
重复	每小时 ▶
启动时间	2023-10-30 15:55:40 >
结束时间	2023-10-31 09:00:00 >

---

( )

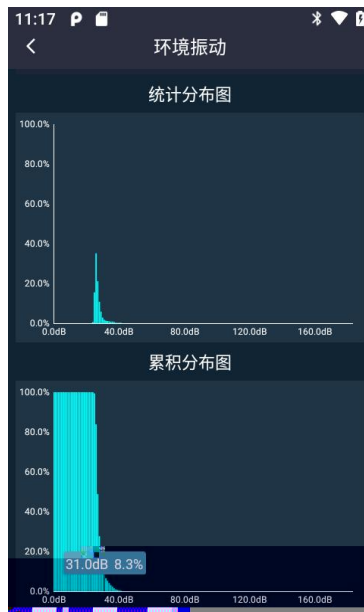


6.3.2.7

6.3.2.7.1

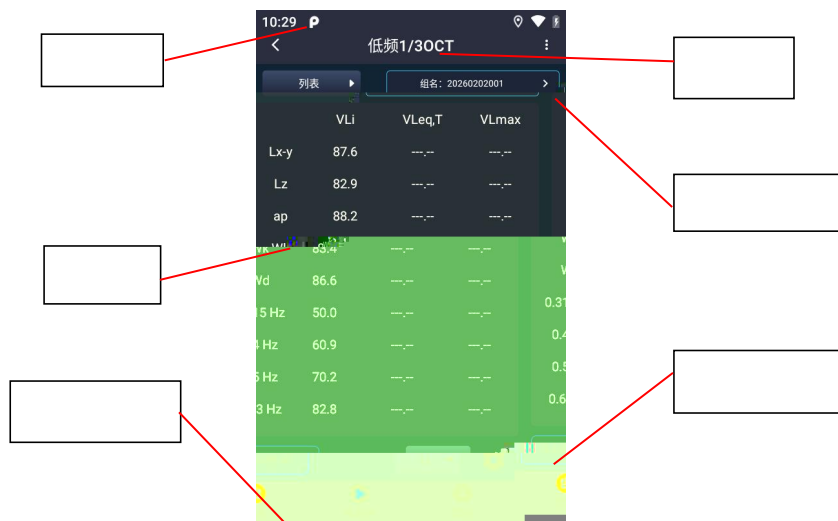
6.3.2.7.2

6.3.2.7.3

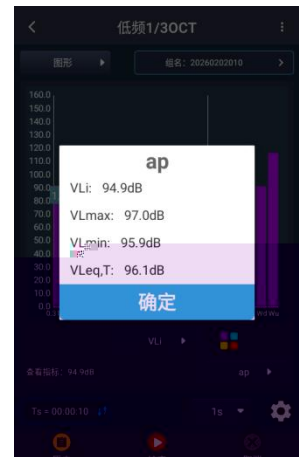


6.3.3 1/3OCT

6.3.3.1



6.3.3.2



6.3.3.3



#### 6.3.3.4





20:31 低频1/3OCT总值

测点名: 20260202009  
 测量方式: 低频1/3OCT  
 测量开始时间: 2026-02-02 20:10:03  
 Ts: 00:00:10

	VLeq,T	VLmax	VLmin	V
Lx-y	96.1	96.9	95.3	60.5
Lz	90.4	91.8	90.1	53.8
ap	96.1	97.0	95.9	80.3
Wk	91.2	92.9	91.0	58.2
Wd	94.9	95.7	94.3	53.7
Wu	102.8	103.4	102.8	167.
0.315Hz	76.8	77.3	76.7	7.80
0.4Hz	84.3	85.1	83.8	15.6
0.5Hz	82.9	86.6	82.9	17.9
0.63Hz	85.8	87.5	84.8	24.2
0.8Hz	81.1	86.4	82.0	16.7
1Hz	92.6	93.5	90.1	35.0
1.25Hz	78.4	81.2	78.1	11.5
1.6Hz	74.1	84.6	75.3	6.16
2Hz	84.0	84.5	81.8	15.7
2.5Hz	82.4	82.6	78.1	12.6



20:32 低频1/3OCT统计

测点名: 20260202009  
 测量方式: 低频1/3OCT  
 测量开始时间: 2026-02-02 20:10:03  
 Ts: 00:00:10

VL5	=	96.9
VL10	=	96.9
VL50	=	96.5
VL90	=	95.4
VL95	=	95.3
Leq,T	=	96.1
Lmax	=	96.9
Lmin	=	95.3
SD	=	0.6

20:34 低频1/3OCT数字记录

测点名: 20260202009  
 测量方式: 低频1/3OCT  
 测量开始时间: 2026-02-02 20:32:49  
 Ts: 00:00:10

序号	apl	time
0	97.1	20260202203249:978
1	96.5	20260202203256:978
2	96.2	20260202203250:978
3	96.4	20260202203251:478
4	96.5	20260202203251:978
5	96.4	20260202203252:478
6	96.7	20260202203252:978
7	97.2	20260202203253:478

6.3.3.5.2

6.3.3.5.3

6.4

6.4.1



6.4.2

6.4.3

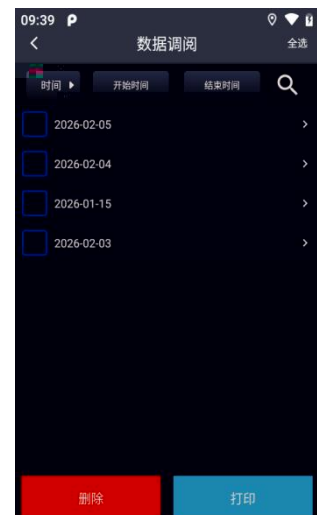
)  
)

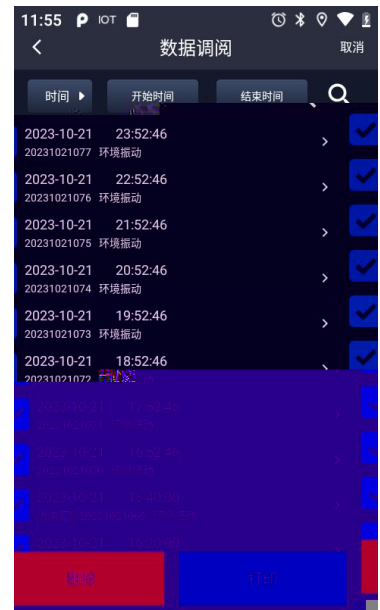
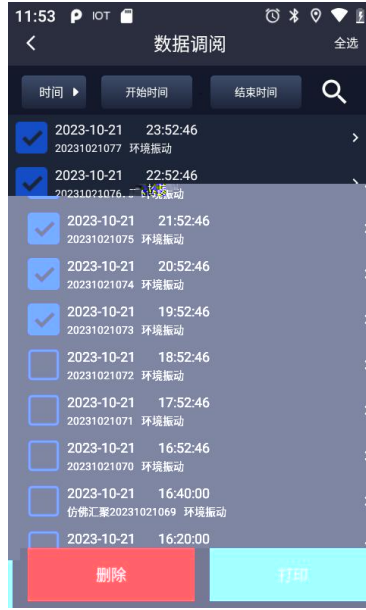
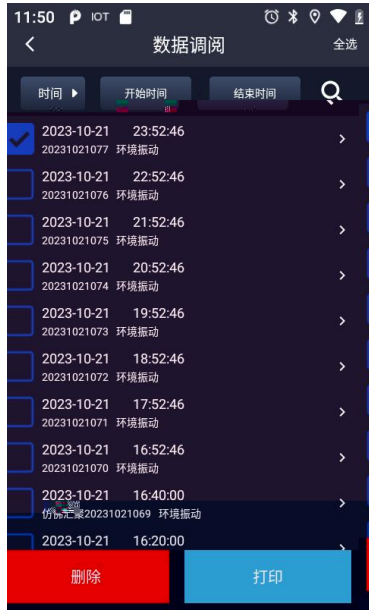


6.5

6.5.1

6.5.2

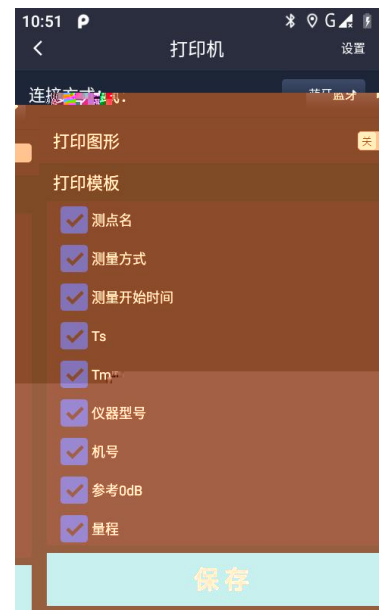




6.5.3

6.5.3.1

6.5.3.2

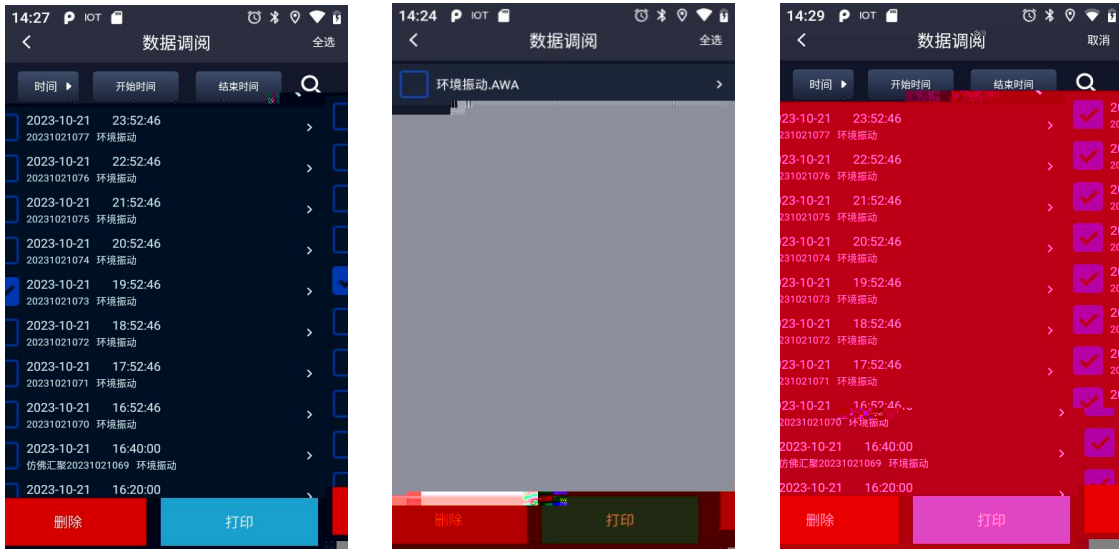


1

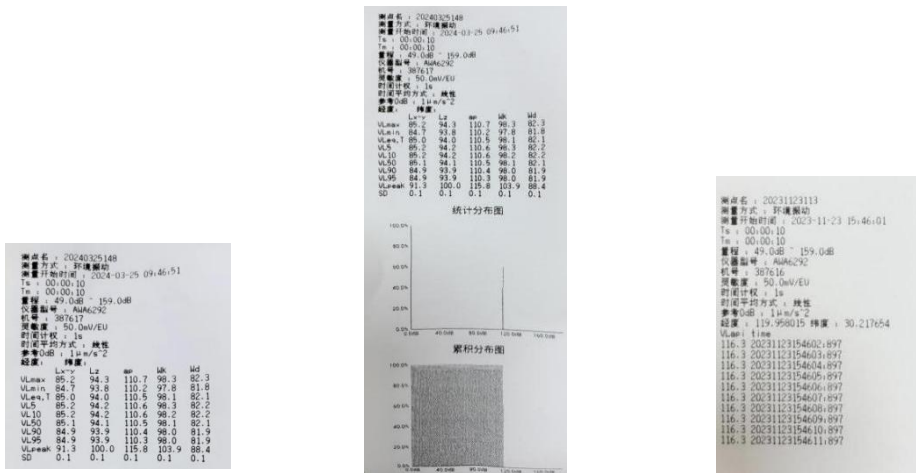
2



### 6.5.3.3



### 6.5.3.4



测点名: 20240307001  
 测量方式: 低频1/30CT  
 测量开始时间: 2024-03-07 16:18:21  
 Ts: 00:00:10  
 量程: 49.0dB ~ 159.0dB  
 仪器型号: AWA6292  
 机号: 387617  
 灵敏度: 50.0mV/EU  
 时间常数: 1s  
 参考声压: 1μm/s<sup>2</sup>  
 精度: 1级

V <sub>Leq,T</sub>	V <sub>Leq,s</sub>	V <sub>Leq,m</sub>	V <sub>Leq,n</sub>	V <sub>acc</sub>
14.3	18.3	19.3	17.1	0.008m/s <sup>2</sup>
0.001m/s	0.001m/s	0.001m/s	0.001m/s	0.001m/s
18.6	19.6	19.5	17.7	0.009m/s <sup>2</sup>
4.422m/s	4.422m/s	4.422m/s	4.422m/s	0.037m/s <sup>2</sup>
31.2	31.7	30.9	30.9	0.037m/s <sup>2</sup>
0.001m/s	0.001m/s	0.001m/s	0.001m/s	0.001m/s
20.1	21.0	19.2	0.010m/s <sup>2</sup>	0.010m/s <sup>2</sup>
6.101m/s	6.101m/s	6.101m/s	6.101m/s	0.006m/s <sup>2</sup>
16.1	17.1	15.2	0.006m/s <sup>2</sup>	0.006m/s <sup>2</sup>
0.001m/s	0.001m/s	0.001m/s	0.001m/s	0.001m/s
31.2	31.7	30.9	0.037m/s <sup>2</sup>	0.037m/s <sup>2</sup>
0.001m/s	0.001m/s	0.001m/s	0.001m/s	0.001m/s
0.315Hz	7.8	8.8	4.6	0.002m/s <sup>2</sup>
0.001m/s	0.001m/s	0.001m/s	0.001m/s	0.001m/s
0.8Hz	0.0	3.4	0.0	0.001m/s <sup>2</sup>
4.0Hz	0.0	6.5	0.0	0.001m/s <sup>2</sup>
0.5Hz	1.4	6.5	0.0	0.001m/s <sup>2</sup>
5.65m/s	5.65m/s	5.65m/s	5.65m/s	0.001m/s <sup>2</sup>
0.5Hz	1.4	4.6	0.0	0.001m/s <sup>2</sup>
2.910m/s	2.910m/s	2.910m/s	2.910m/s	0.003m/s <sup>2</sup>
0.8Hz	6.3	9.3	0.0	0.003m/s <sup>2</sup>
97m/s	97m/s	97m/s	97m/s	0.002m/s <sup>2</sup>
7.8	10.0	1.1	0.002m/s <sup>2</sup>	0.002m/s <sup>2</sup>
4.6m/s	4.6m/s	4.6m/s	4.6m/s	0.001m/s <sup>2</sup>
5Hz	5.8	11.1	2.7	0.001m/s <sup>2</sup>

6-5-3-12

6.5.3.5

测点名: 20240307001  
 测量方式: 低频1/30CT  
 测量开始时间: 2024-03-07 16:18:21  
 Ts: 00:00:10  
 量程: 49.0dB ~ 159.0dB  
 仪器型号: AWA6292  
 机号: 387617  
 灵敏度: 50.0mV/EU  
 时间常数: 1s  
 参考声压: 1μm/s<sup>2</sup>  
 精度: 1级

V <sub>Leq,T</sub>	V <sub>Leq,s</sub>	V <sub>Leq,m</sub>	V <sub>Leq,n</sub>	V <sub>acc</sub>
14.3	18.3	19.3	17.1	0.008m/s <sup>2</sup>
0.001m/s	0.001m/s	0.001m/s	0.001m/s	0.001m/s
18.6	19.6	19.5	17.7	0.009m/s <sup>2</sup>
4.422m/s	4.422m/s	4.422m/s	4.422m/s	0.037m/s <sup>2</sup>
31.2	31.7	30.9	30.9	0.037m/s <sup>2</sup>
0.001m/s	0.001m/s	0.001m/s	0.001m/s	0.001m/s
20.1	21.0	19.2	0.010m/s <sup>2</sup>	0.010m/s <sup>2</sup>
6.101m/s	6.101m/s	6.101m/s	6.101m/s	0.006m/s <sup>2</sup>
16.1	17.1	15.2	0.006m/s <sup>2</sup>	0.006m/s <sup>2</sup>
0.001m/s	0.001m/s	0.001m/s	0.001m/s	0.001m/s
31.2	31.7	30.9	0.037m/s <sup>2</sup>	0.037m/s <sup>2</sup>
0.001m/s	0.001m/s	0.001m/s	0.001m/s	0.001m/s
0.315Hz	7.8	8.8	4.6	0.002m/s <sup>2</sup>
0.001m/s	0.001m/s	0.001m/s	0.001m/s	0.001m/s
0.8Hz	0.0	3.4	0.0	0.001m/s <sup>2</sup>
4.0Hz	0.0	6.5	0.0	0.001m/s <sup>2</sup>
0.5Hz	1.4	6.5	0.0	0.001m/s <sup>2</sup>
5.65m/s	5.65m/s	5.65m/s	5.65m/s	0.001m/s <sup>2</sup>
0.5Hz	1.4	4.6	0.0	0.001m/s <sup>2</sup>
2.910m/s	2.910m/s	2.910m/s	2.910m/s	0.003m/s <sup>2</sup>
0.8Hz	6.3	9.3	0.0	0.003m/s <sup>2</sup>
97m/s	97m/s	97m/s	97m/s	0.002m/s <sup>2</sup>
7.8	10.0	1.1	0.002m/s <sup>2</sup>	0.002m/s <sup>2</sup>
4.6m/s	4.6m/s	4.6m/s	4.6m/s	0.001m/s <sup>2</sup>
5Hz	5.8	11.1	2.7	0.001m/s <sup>2</sup>

测点名: 20240307001  
 测量方式: 低频1/30CT  
 测量开始时间: 2024-03-07 16:18:21  
 Ts: 00:00:10  
 量程: 49.0dB ~ 159.0dB  
 仪器型号: AWA6292  
 机号: 387617  
 灵敏度: 50.0mV/EU  
 时间常数: 1s  
 参考声压: 1μm/s<sup>2</sup>  
 精度: 1级

V <sub>Leq,T</sub>	V <sub>Leq,s</sub>	V <sub>Leq,m</sub>	V <sub>Leq,n</sub>	V <sub>acc</sub>
14.3	18.3	19.3	17.1	0.008m/s <sup>2</sup>
0.001m/s	0.001m/s	0.001m/s	0.001m/s	0.001m/s
18.6	19.6	19.5	17.7	0.009m/s <sup>2</sup>
4.422m/s	4.422m/s	4.422m/s	4.422m/s	0.037m/s <sup>2</sup>
31.2	31.7	30.9	30.9	0.037m/s <sup>2</sup>
0.001m/s	0.001m/s	0.001m/s	0.001m/s	0.001m/s
20.1	21.0	19.2	0.010m/s <sup>2</sup>	0.010m/s <sup>2</sup>
6.101m/s	6.101m/s	6.101m/s	6.101m/s	0.006m/s <sup>2</sup>
16.1	17.1	15.2	0.006m/s <sup>2</sup>	0.006m/s <sup>2</sup>
0.001m/s	0.001m/s	0.001m/s	0.001m/s	0.001m/s
31.2	31.7	30.9	0.037m/s <sup>2</sup>	0.037m/s <sup>2</sup>
0.001m/s	0.001m/s	0.001m/s	0.001m/s	0.001m/s
0.315Hz	7.8	8.8	4.6	0.002m/s <sup>2</sup>
0.001m/s	0.001m/s	0.001m/s	0.001m/s	0.001m/s
0.8Hz	0.0	3.4	0.0	0.001m/s <sup>2</sup>
4.0Hz	0.0	6.5	0.0	0.001m/s <sup>2</sup>
0.5Hz	1.4	6.5	0.0	0.001m/s <sup>2</sup>
5.65m/s	5.65m/s	5.65m/s	5.65m/s	0.001m/s <sup>2</sup>
0.5Hz	1.4	4.6	0.0	0.001m/s <sup>2</sup>
2.910m/s	2.910m/s	2.910m/s	2.910m/s	0.003m/s <sup>2</sup>
0.8Hz	6.3	9.3	0.0	0.003m/s <sup>2</sup>
97m/s	97m/s	97m/s	97m/s	0.002m/s <sup>2</sup>
7.8	10.0	1.1	0.002m/s <sup>2</sup>	0.002m/s <sup>2</sup>
4.6m/s	4.6m/s	4.6m/s	4.6m/s	0.001m/s <sup>2</sup>
5Hz	5.8	11.1	2.7	0.001m/s <sup>2</sup>

测点名: 20240307002  
 测量方式: 低频1/30CT  
 测量开始时间: 2024-03-07 16:24:20  
 Ts: 00:00:10  
 量程: 49.0dB ~ 159.0dB  
 仪器型号: AWA6292  
 机号: 387617  
 灵敏度: 50.0mV/EU  
 时间常数: 1s  
 参考声压: 1μm/s<sup>2</sup>  
 精度: 1级

V <sub>Leq,T</sub>	V <sub>Leq,s</sub>	V <sub>Leq,m</sub>	V <sub>Leq,n</sub>	V <sub>acc</sub>
14.3	18.3	19.3	17.1	0.008m/s <sup>2</sup>
0.001m/s	0.001m/s	0.001m/s	0.001m/s	0.001m/s
18.6	19.6	19.5	17.7	0.009m/s <sup>2</sup>
4.422m/s	4.422m/s	4.422m/s	4.422m/s	0.037m/s <sup>2</sup>
31.2	31.7	30.9	30.9	0.037m/s <sup>2</sup>
0.001m/s	0.001m/s	0.001m/s	0.001m/s	0.001m/s
20.1	21.0	19.2	0.010m/s <sup>2</sup>	0.010m/s <sup>2</sup>
6.101m/s	6.101m/s	6.101m/s	6.101m/s	0.006m/s <sup>2</sup>
16.1	17.1	15.2	0.006m/s <sup>2</sup>	0.006m/s <sup>2</sup>
0.001m/s	0.001m/s	0.001m/s	0.001m/s	0.001m/s
31.2	31.7	30.9	0.037m/s <sup>2</sup>	0.037m/s <sup>2</sup>
0.001m/s	0.001m/s	0.001m/s	0.001m/s	0.001m/s
0.315Hz	7.8	8.8	4.6	0.002m/s <sup>2</sup>
0.001m/s	0.001m/s	0.001m/s	0.001m/s	0.001m/s
0.8Hz	0.0	3.4	0.0	0.001m/s <sup>2</sup>
4.0Hz	0.0	6.5	0.0	0.001m/s <sup>2</sup>
0.5Hz	1.4	6.5	0.0	0.001m/s <sup>2</sup>
5.65m/s	5.65m/s	5.65m/s	5.65m/s	0.001m/s <sup>2</sup>
0.5Hz	1.4	4.6	0.0	0.001m/s <sup>2</sup>
2.910m/s	2.910m/s	2.910m/s	2.910m/s	0.003m/s <sup>2</sup>
0.8Hz	6.3	9.3	0.0	0.003m/s <sup>2</sup>
97m/s	97m/s	97m/s	97m/s	0.002m/s <sup>2</sup>
7.8	10.0	1.1	0.002m/s <sup>2</sup>	0.002m/s <sup>2</sup>
4.6m/s	4.6m/s	4.6m/s	4.6m/s	0.001m/s <sup>2</sup>
5Hz	5.8	11.1	2.7	0.001m/s <sup>2</sup>

测点名: 20240126001  
 测量方式: 环境振动  
 测量开始时间: 2024-01-26 18:21:30  
 Ts: 00:00:08  
 量程: 40.0dB ~ 150.0dB  
 仪器型号: AWA6228A  
 机号: 000344  
 灵敏度: 41.1mV/EU  
 时间常数: 1s  
 测量环境方式: 稳态  
 参考声压: 1μm/s<sup>2</sup>  
 精度: 1级

V <sub>Leq,T</sub>	V <sub>Leq,s</sub>	V <sub>Leq,m</sub>	V <sub>Leq,n</sub>	V <sub>acc</sub>
102.3	97.8	101.8	98.1	100.8
92.7	90.0	98.4	90.8	91.7
97.6	90.4	97.5	90.9	96.7
101.6	97.3	101.1	97.7	99.9
100.9	96.8	100.5	97.7	99.6
97.7	93.0	97.4	95.6	97.0
95.7	90.7	96.2	91.1	92.8
92.6	90.4	93.8	90.8	92.3
108.0	104.3	109.0	107.1	106.4
2.6	2.4	2.5	2.5	2.6

AWA628A600344123456520DYINDEMDM/MTA0102024012615131

6.5.3.6

6.6

6.6.1

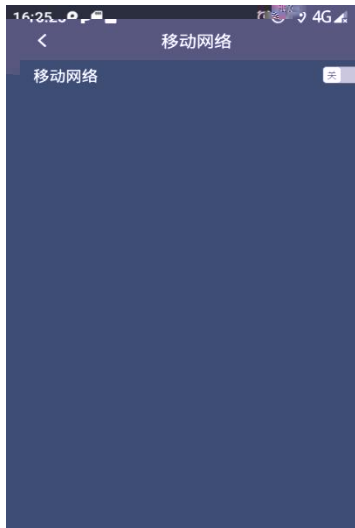
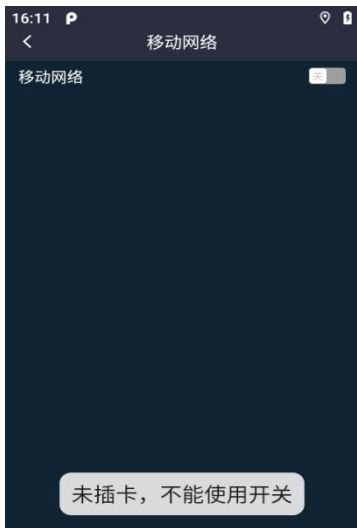


6.6.2

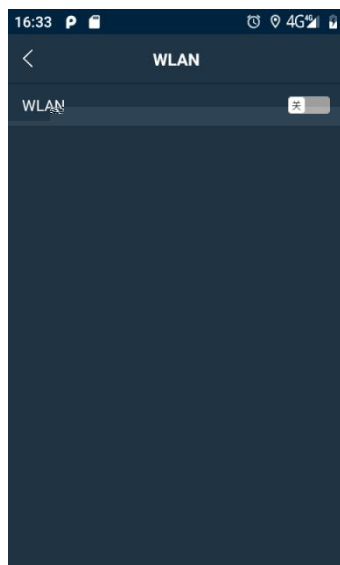
- ( )
- ( )
- ( )
- ( )
- ( )
- ( )
- ( )
- ( )
- ( )
- ( )
- ( )

6.6.3

- ( )



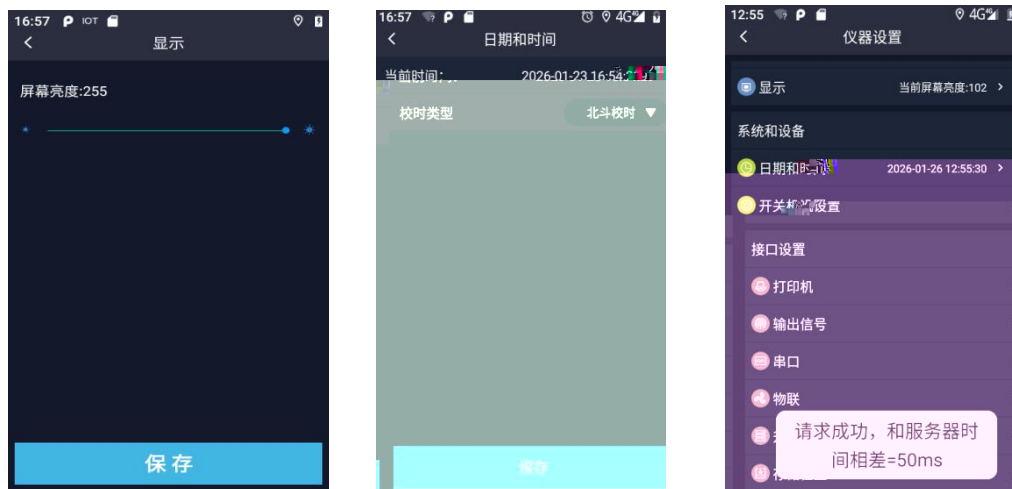
( )



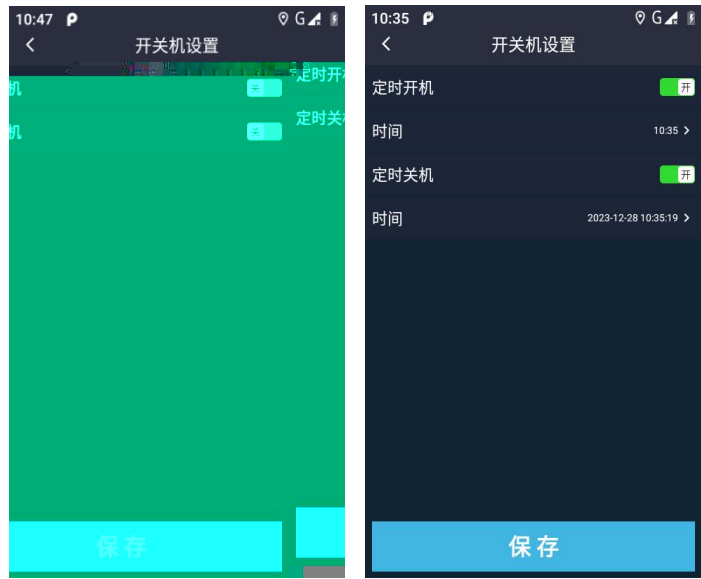
( )



#### 6.6.4

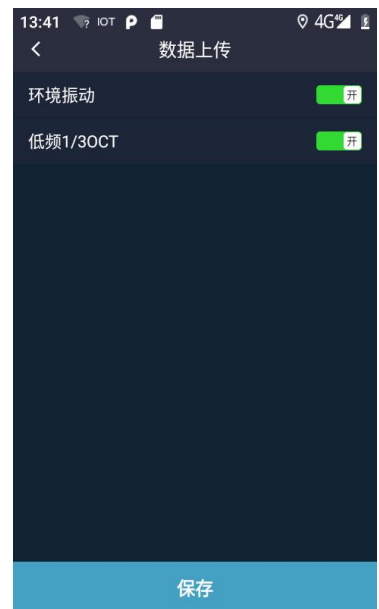
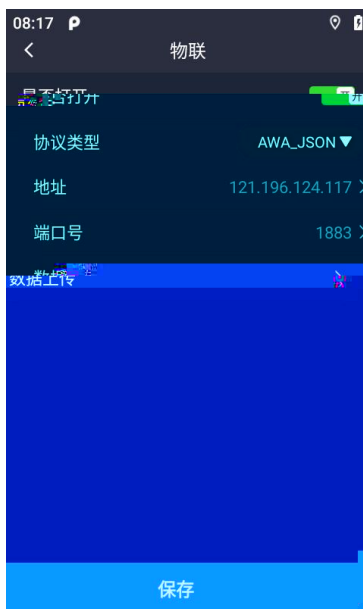


#### 6.6.5



### 6.6.6







%

### 6.6.7

)  
)  
)  
-  
-

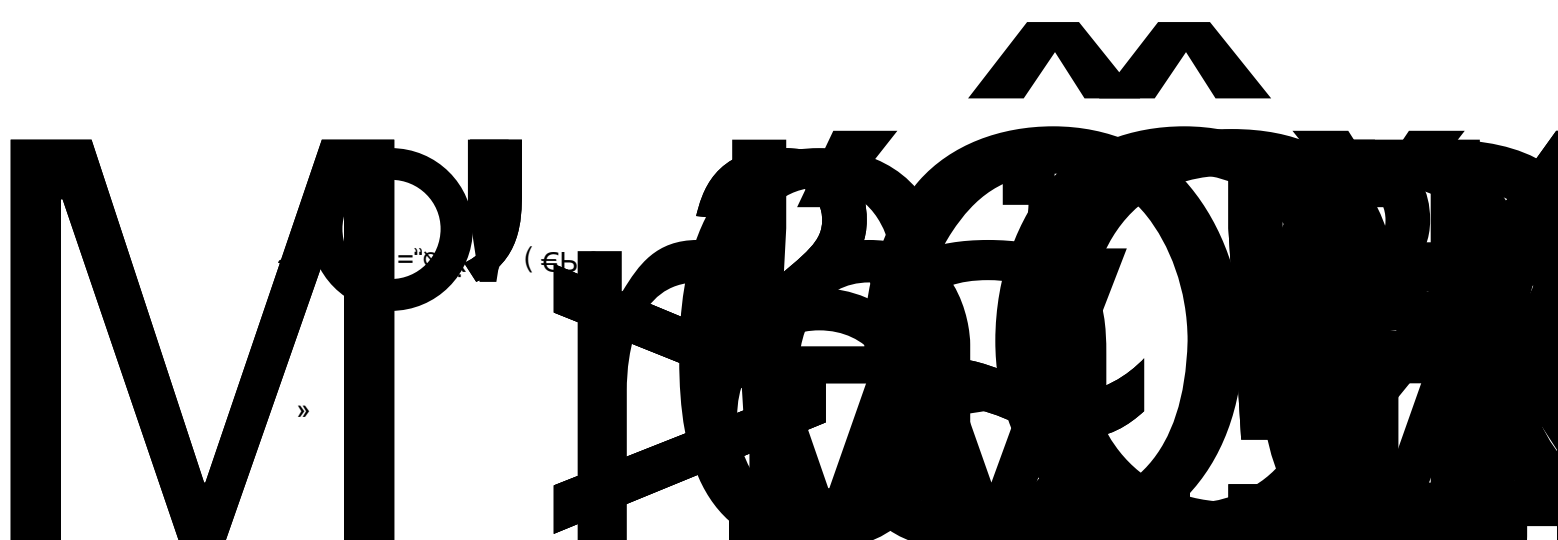


Ä

&é

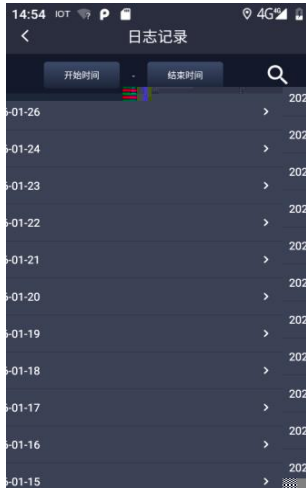
O Ÿ %%%€ R,i

Ä 8ef— 7... b 2.889





6.8



6.9







