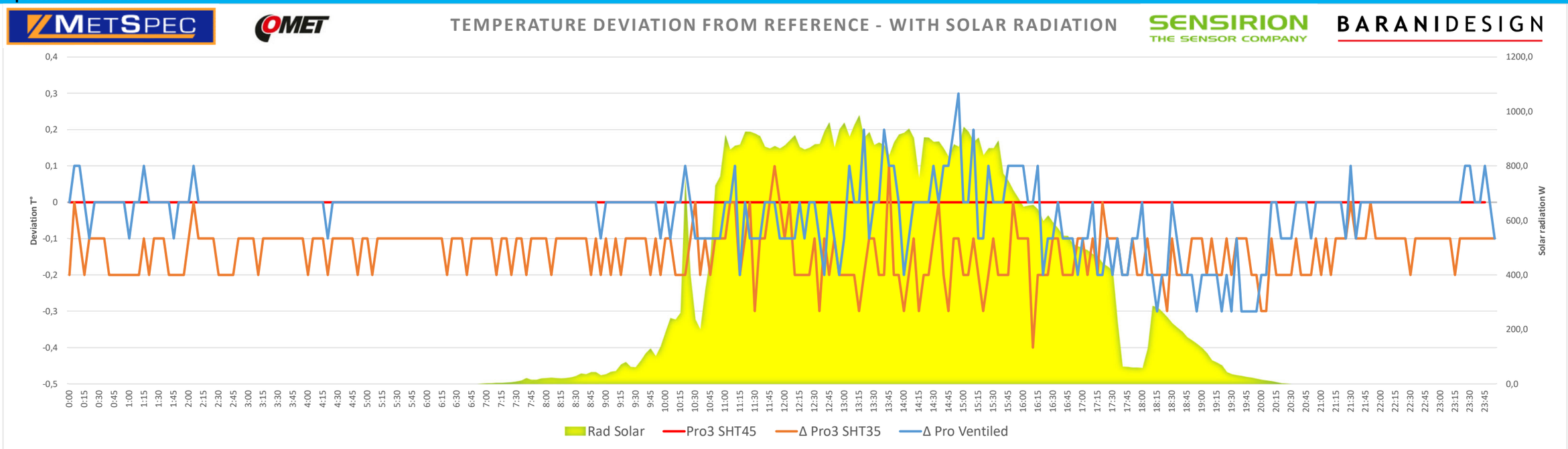
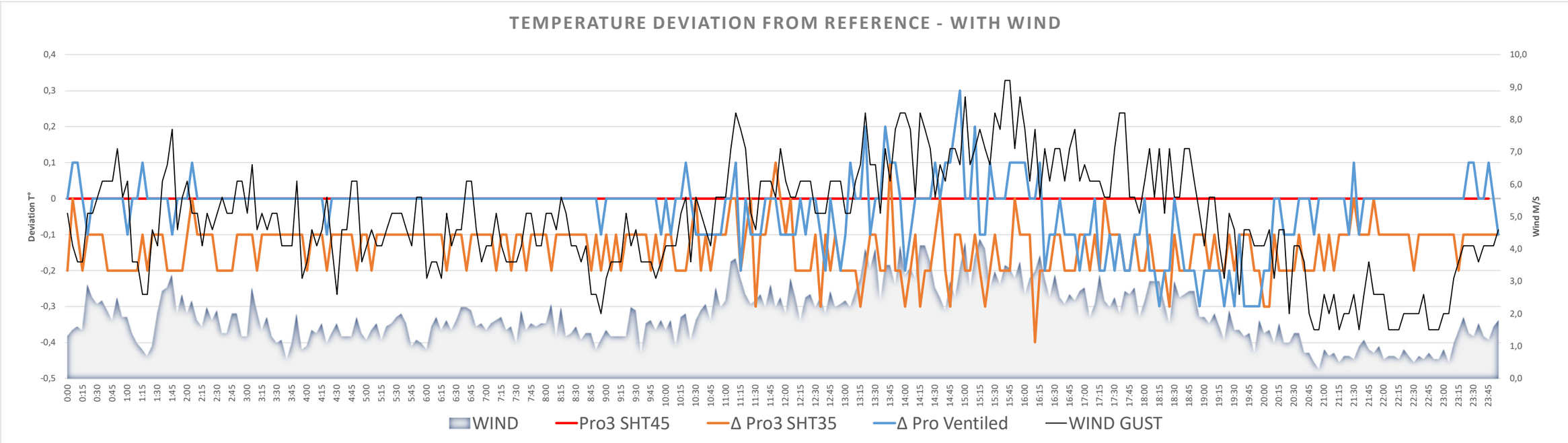
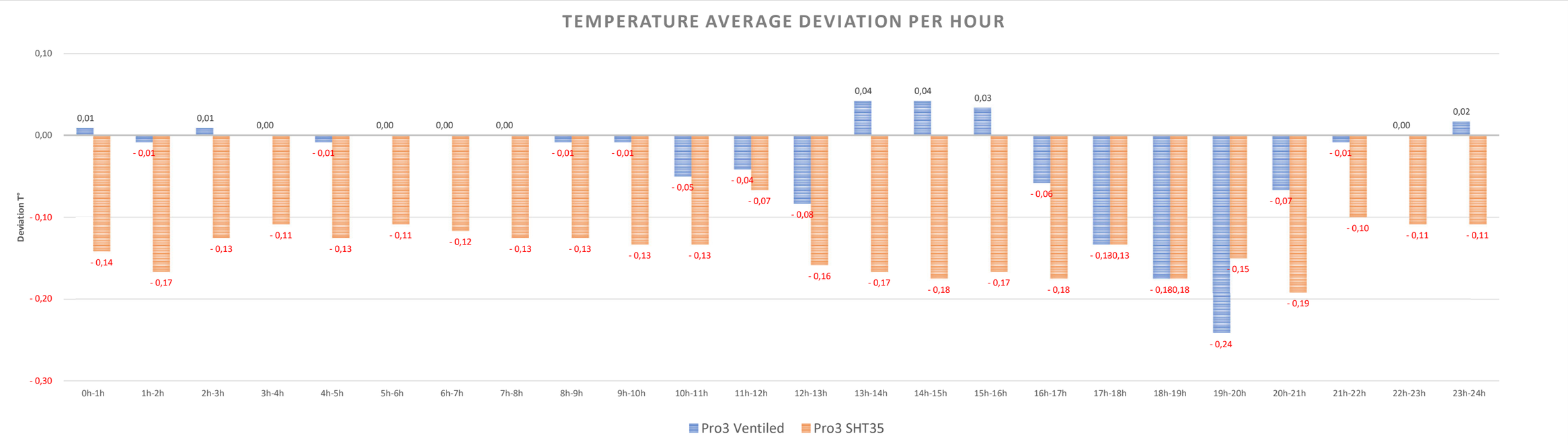
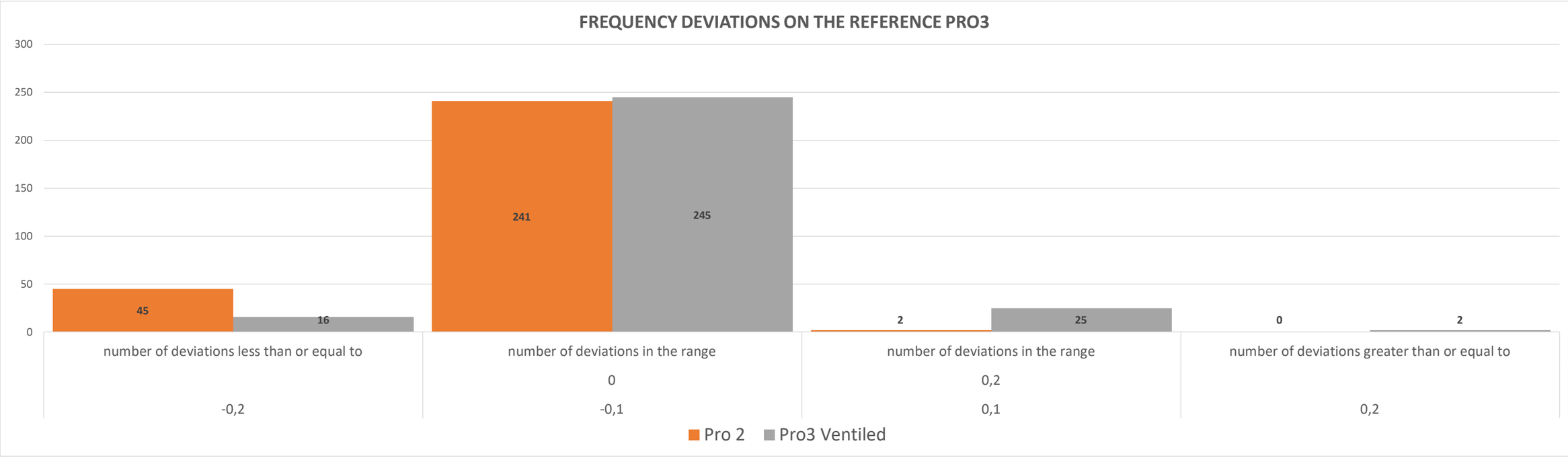
TOBY - Portugal **30/04/23**

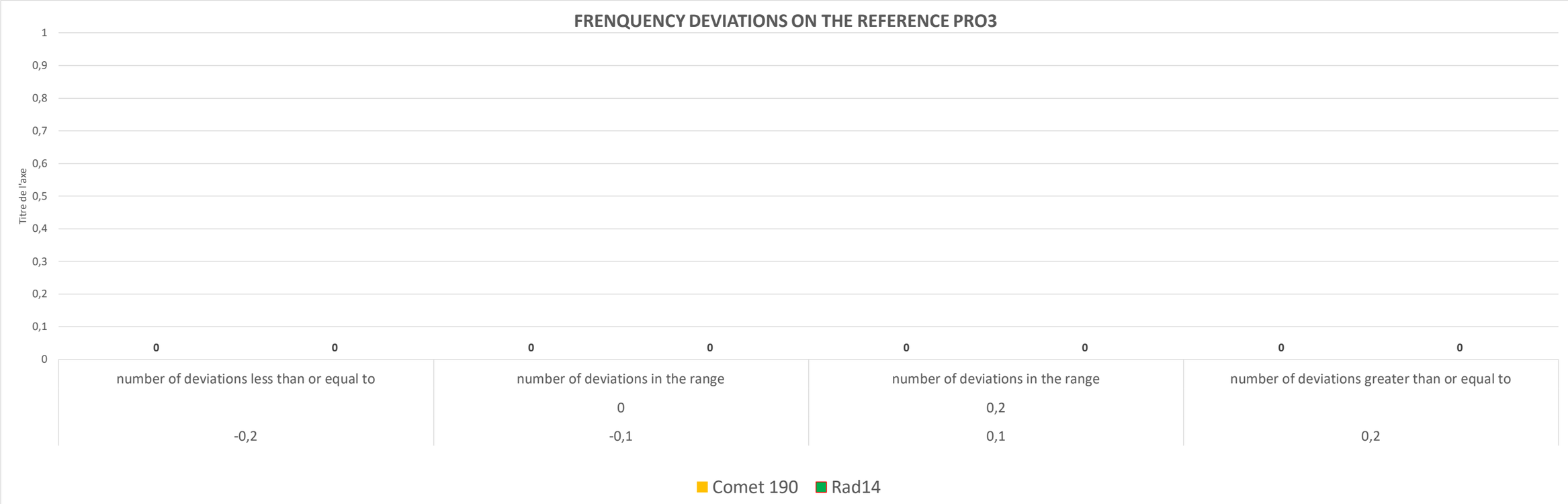
Temperture & Deviation

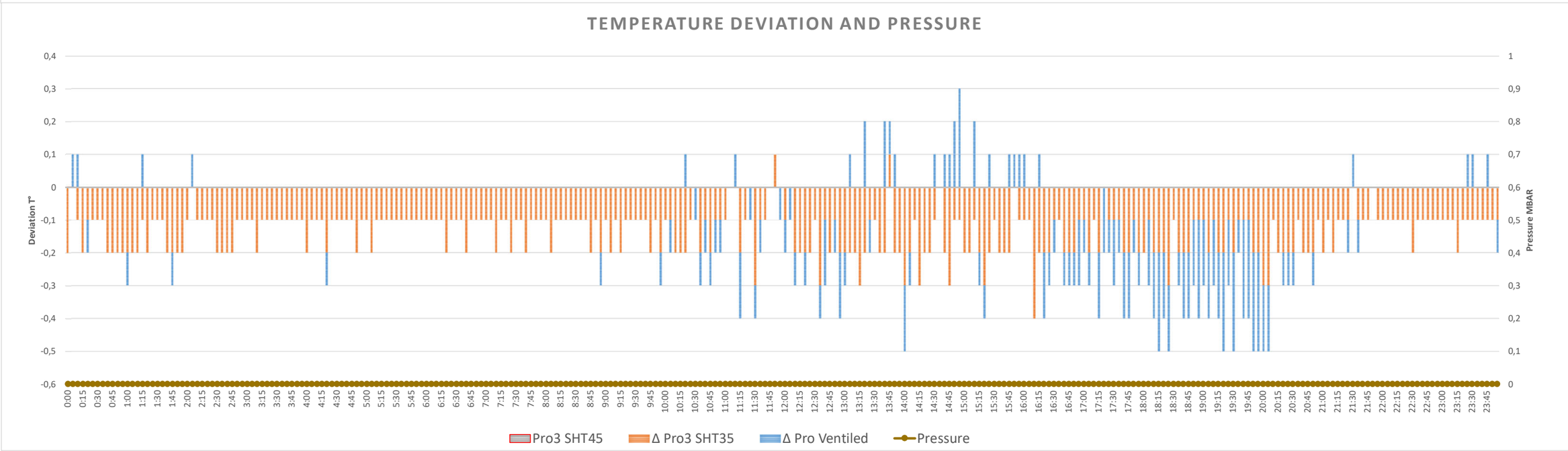




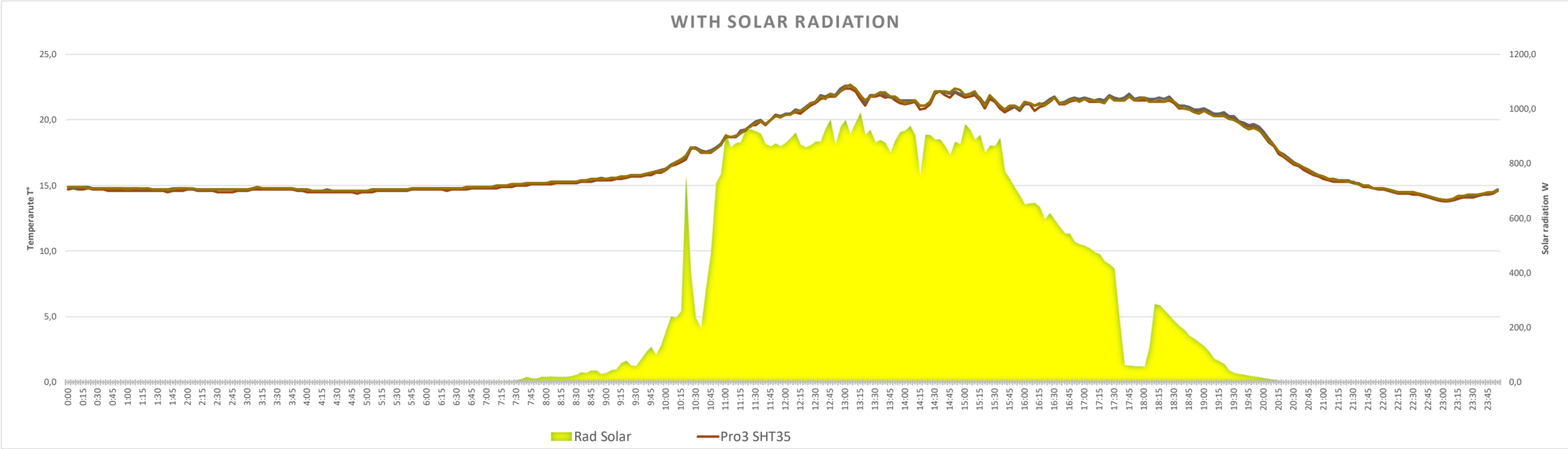

TEMPERATURE AVERAGE DEVIATION PER HOUR
Deviation T°
0,10
0,00
- 0,10
- 0,20
- 0,30
0h-1h
1h-2h
2h-3h
3h-4h
4h-5h
5h-6h
6h-7h
7h-8h
8h-9h
9h-10h
10h-11h
11h-12h
12h-13h
13h-14h
14h-15h
15h-16h
16h-17h
17h-18h
18h-19h
19h-20h
20h-21h
21h-22h
22h-23h
23h-24h
0,01
- 0,14
- 0,01
- 0,17
0,01
- 0,13
0,00
- 0,11
- 0,01
- 0,13
0,00
- 0,11
0,00
- 0,12
0,00
- 0,13
- 0,01
- 0,13
- 0,01
- 0,13
- 0,05
- 0,13
- 0,04
- 0,07
- 0,08
- 0,16
0,04
- 0,17
0,04
- 0,18
0,03
- 0,17
- 0,06
- 0,18
- 0,13
0,13
- 0,18
0,18
- 0,24
0,15
- 0,07
- 0,19
- 0,01
- 0,10
0,00
- 0,11
0,02
- 0,11
Pro3 Ventiled
Pro3 SHT35

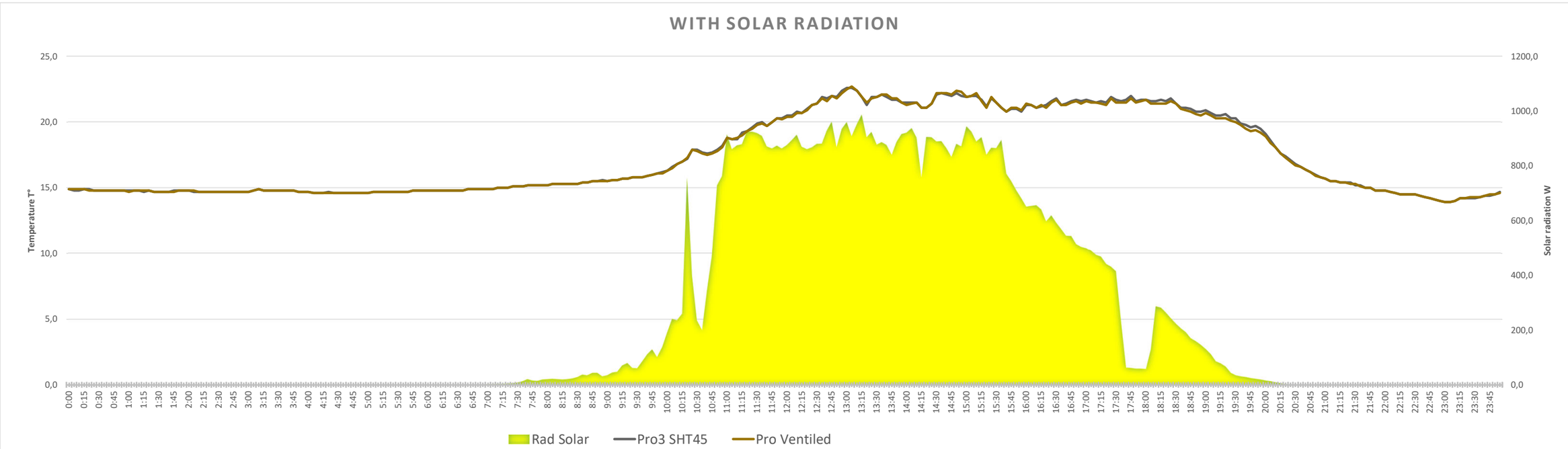

FREQUENCY DEVIATIONS ON THE REFERENCE PRO3
300
250
200
150
100
50
0
45
16
241
245
2
25
0
2
number of deviations less than or equal to
-0,2
number of deviations in the range
0
-0,1
number of deviations in the range
0,2
0,1
number of deviations greater than or equal to
0,2
Pro 2
Pro3 Ventiled

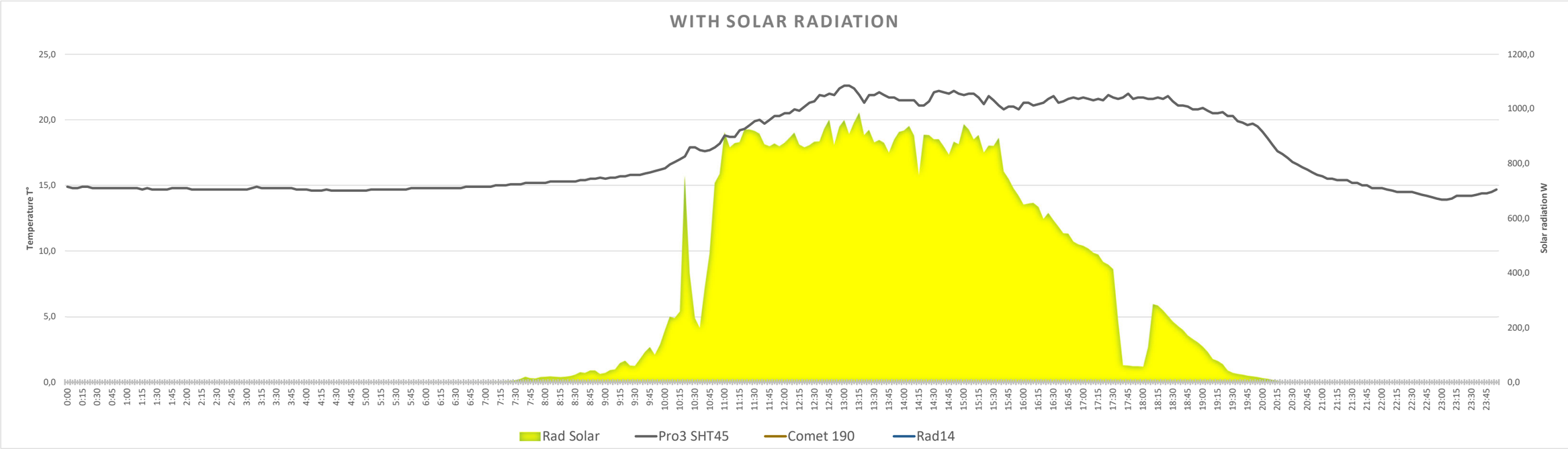

FRENQUENCY DEVIATIONS ON THE REFERENCE PRO3
Titre de l'axe
1
0,9
0,8
0,7
0,6
0,5
0,4
0,3
0,2
0,1
0
0 0 0 0 0 0 0 0
number of deviations less than or equal to
-0,2
number of deviations in the range
0
-0,1
number of deviations in the range
0,2
0,1
number of deviations greater than or equal to
0,2
Comet 190
Rad14

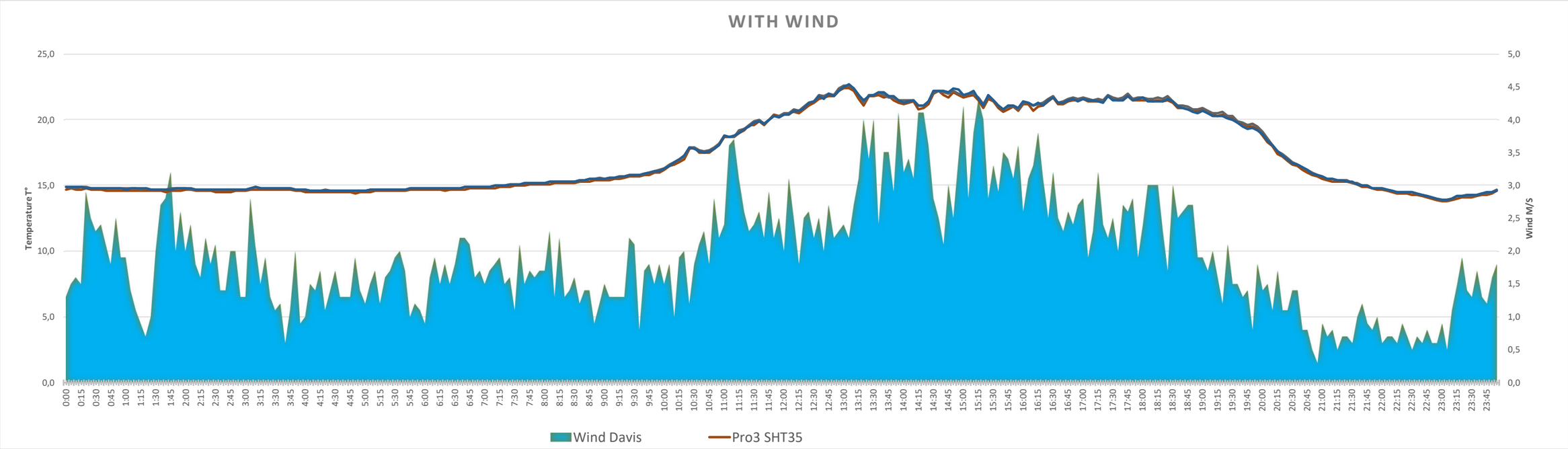

TEMPERATURE DEVIATION AND PRESSURE
Deviation T°
Pressure MBAR
Pro3 SHT45
Δ Pro3 SHT35
Δ Pro Ventiled
Pressure

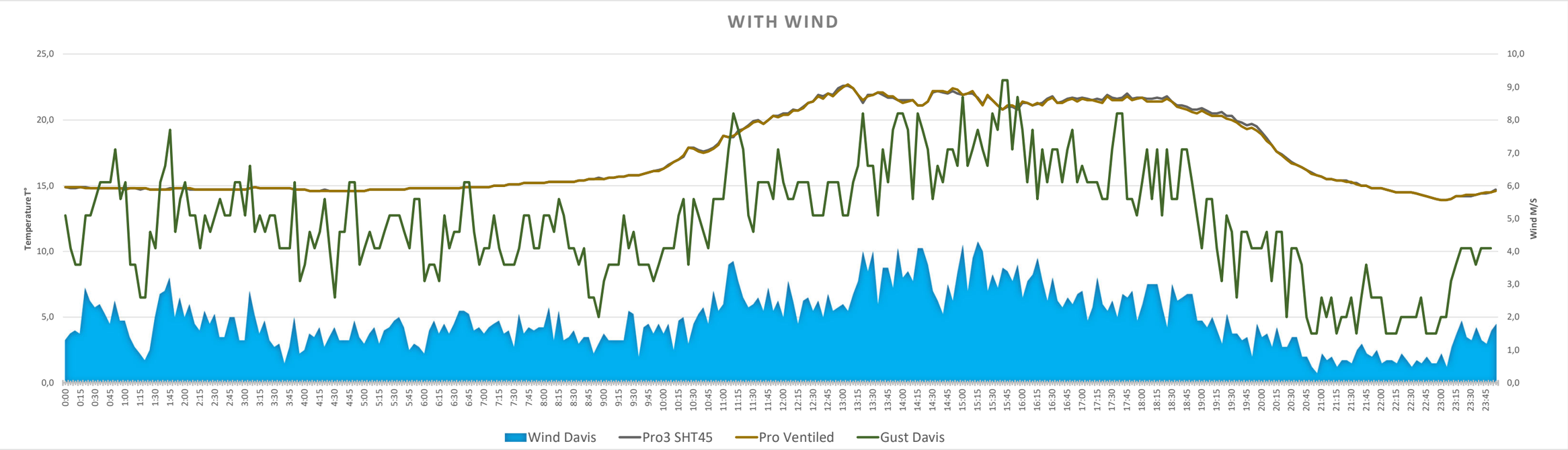
Daytime temperature developement

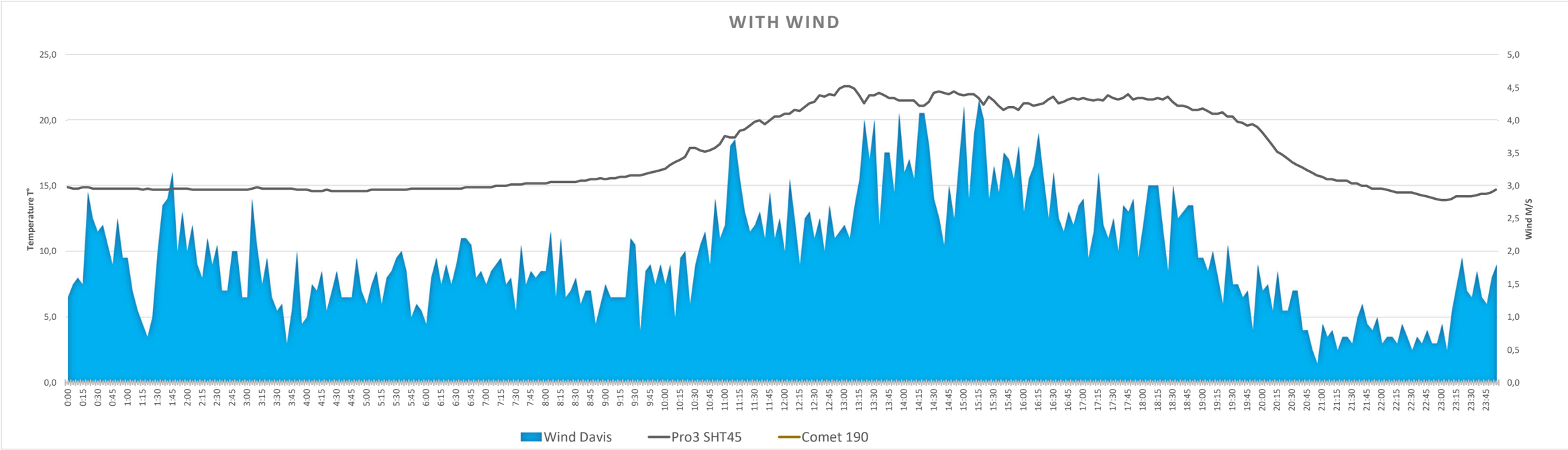




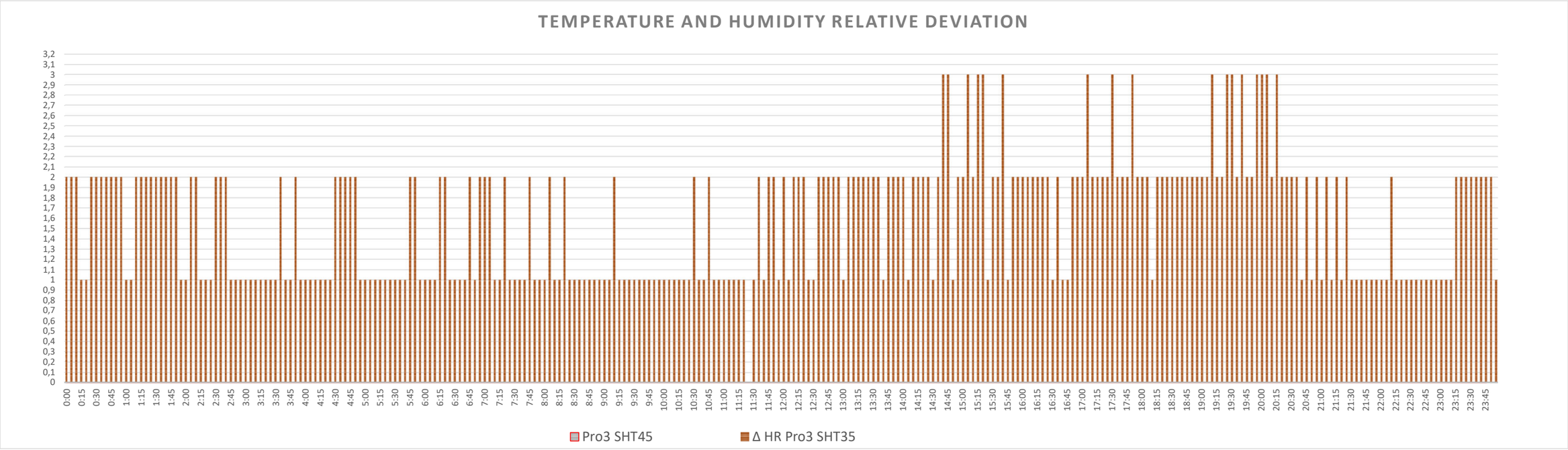

WITH SOLAR RADIATION
Temperature T°
Solar radiation W
25,0
20,0
15,0
10,0
5,0
0,0
1200,0
1000,0
800,0
600,0
400,0
200,0
0,0
Rad Solar
Pro3 SHT45
Comet 190
Rad14

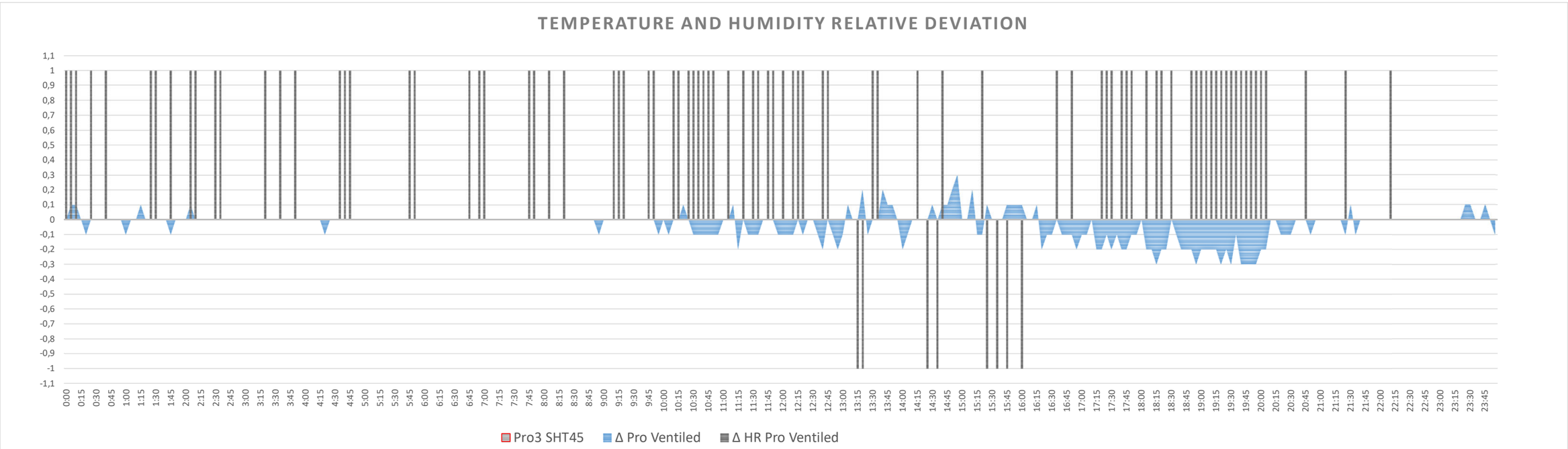

WITH WIND
Temperature T°
Wind M/S
Wind Davis
Pro3 SHT35

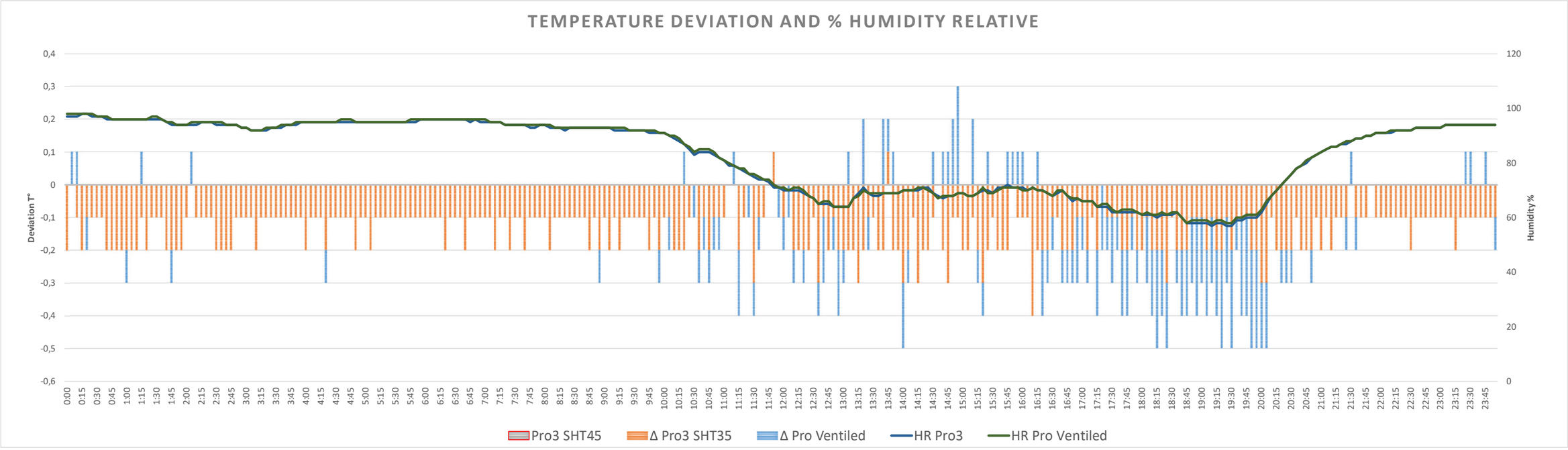

WITH WIND
Temperature T°
Wind M/S
Wind Davis
Pro3 SHT45
Pro Ventiled
Gust Davis


WITH WIND
Temperature T°
Wind M/S
Wind Davis
Pro3 SHT45
Comet 190

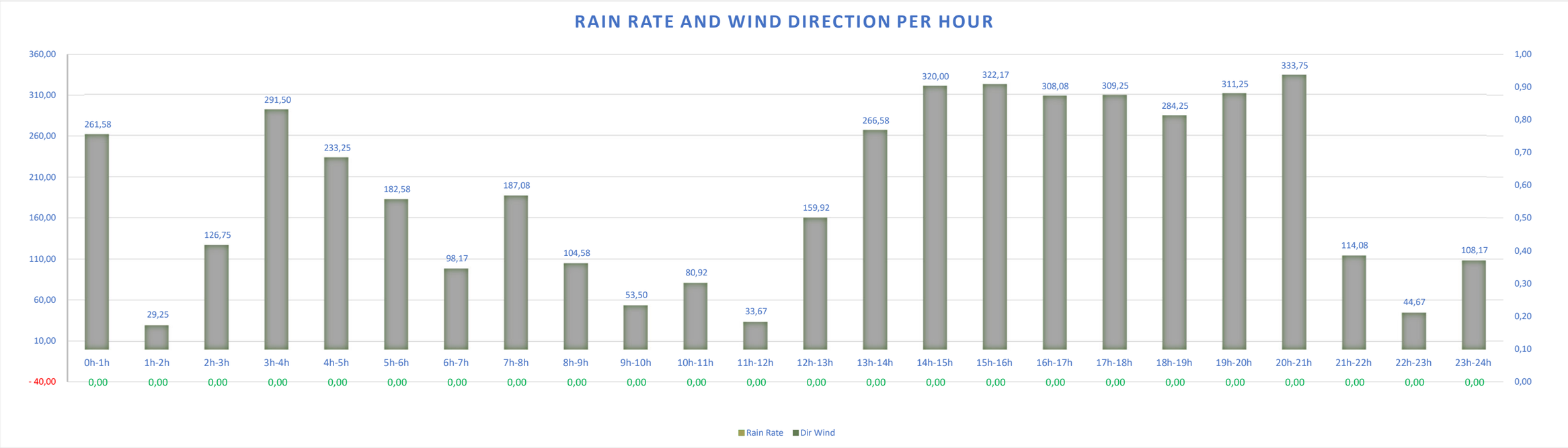
Humidity Relative

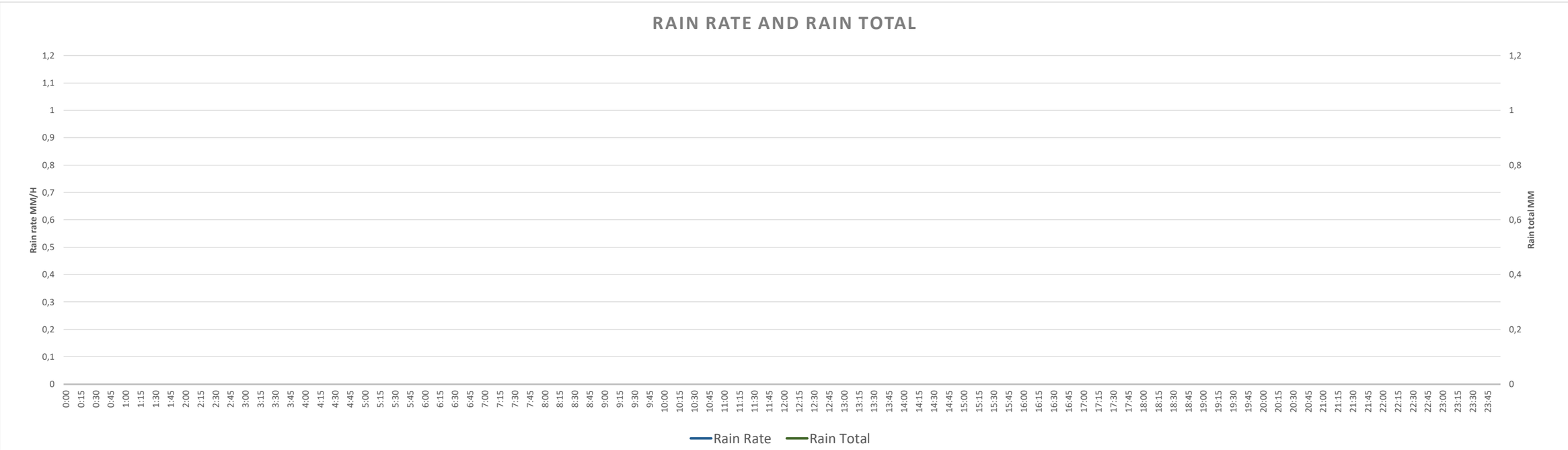




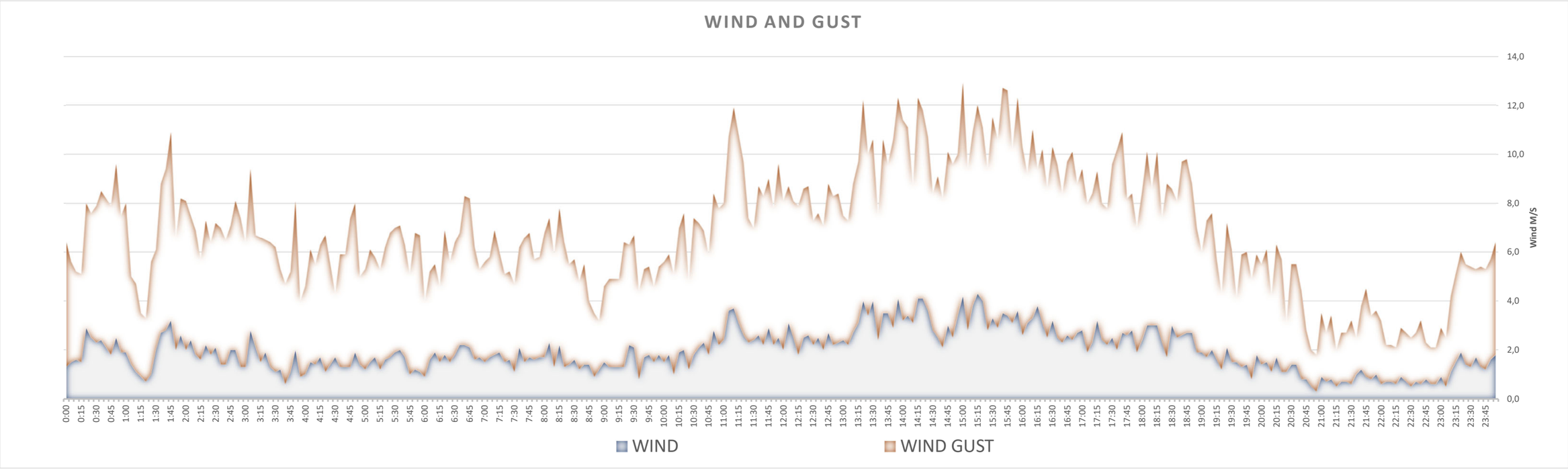

TEMPERATURE DEVIATION AND % HUMIDITY RELATIVE
Deviation T°
Humidity %
Pro3 SHT45
Δ Pro3 SHT35
Δ Pro Ventiled
HR Pro3
HR Pro Ventiled

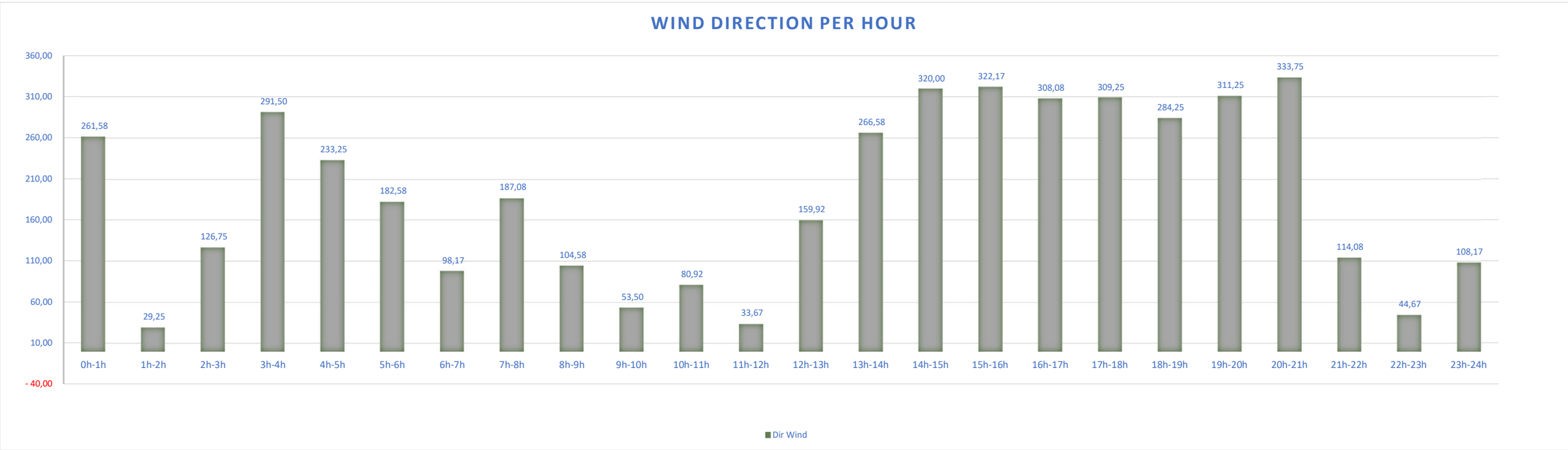
Rain

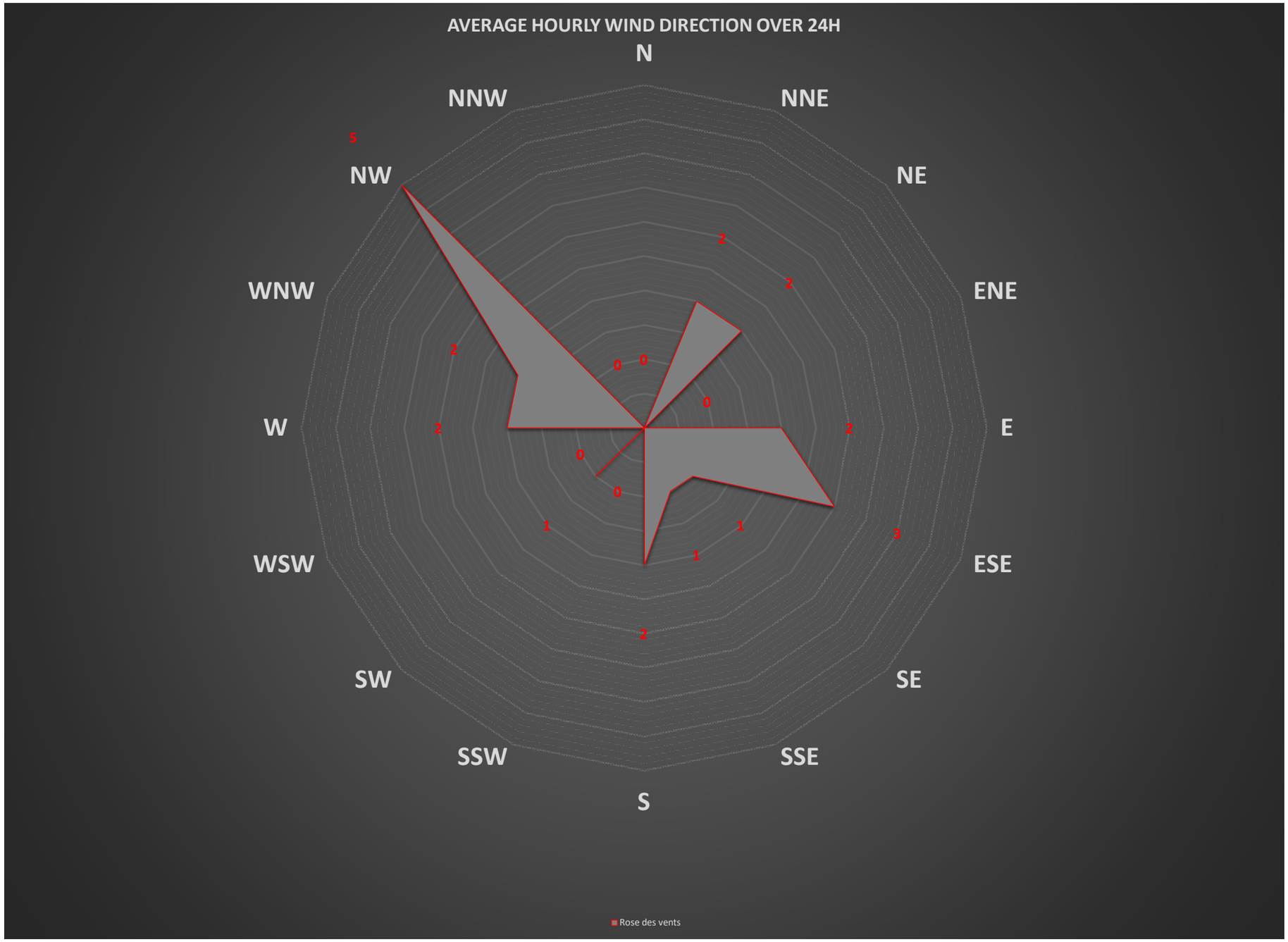

RAIN RATE AND WIND DIRECTION PER HOUR
360,00
310,00
260,00
210,00
160,00
110,00
60,00
10,00
- 40,00
1,00
0,90
0,80
0,70
0,60
0,50
0,40
0,30
0,20
0,10
0,00
0h-1h 261,58 0,00
1h-2h 29,25 0,00
2h-3h 126,75 0,00
3h-4h 291,50 0,00
4h-5h 233,25 0,00
5h-6h 182,58 0,00
6h-7h 98,17 0,00
7h-8h 187,08 0,00
8h-9h 104,58 0,00
9h-10h 53,50 0,00
10h-11h 80,92 0,00
11h-12h 33,67 0,00
12h-13h 159,92 0,00
13h-14h 266,58 0,00
14h-15h 320,00 0,00
15h-16h 322,17 0,00
16h-17h 308,08 0,00
17h-18h 309,25 0,00
18h-19h 284,25 0,00
19h-20h 311,25 0,00
20h-21h 333,75 0,00
21h-22h 114,08 0,00
22h-23h 44,67 0,00
23h-24h 108,17 0,00
Rain Rate
Dir Wind

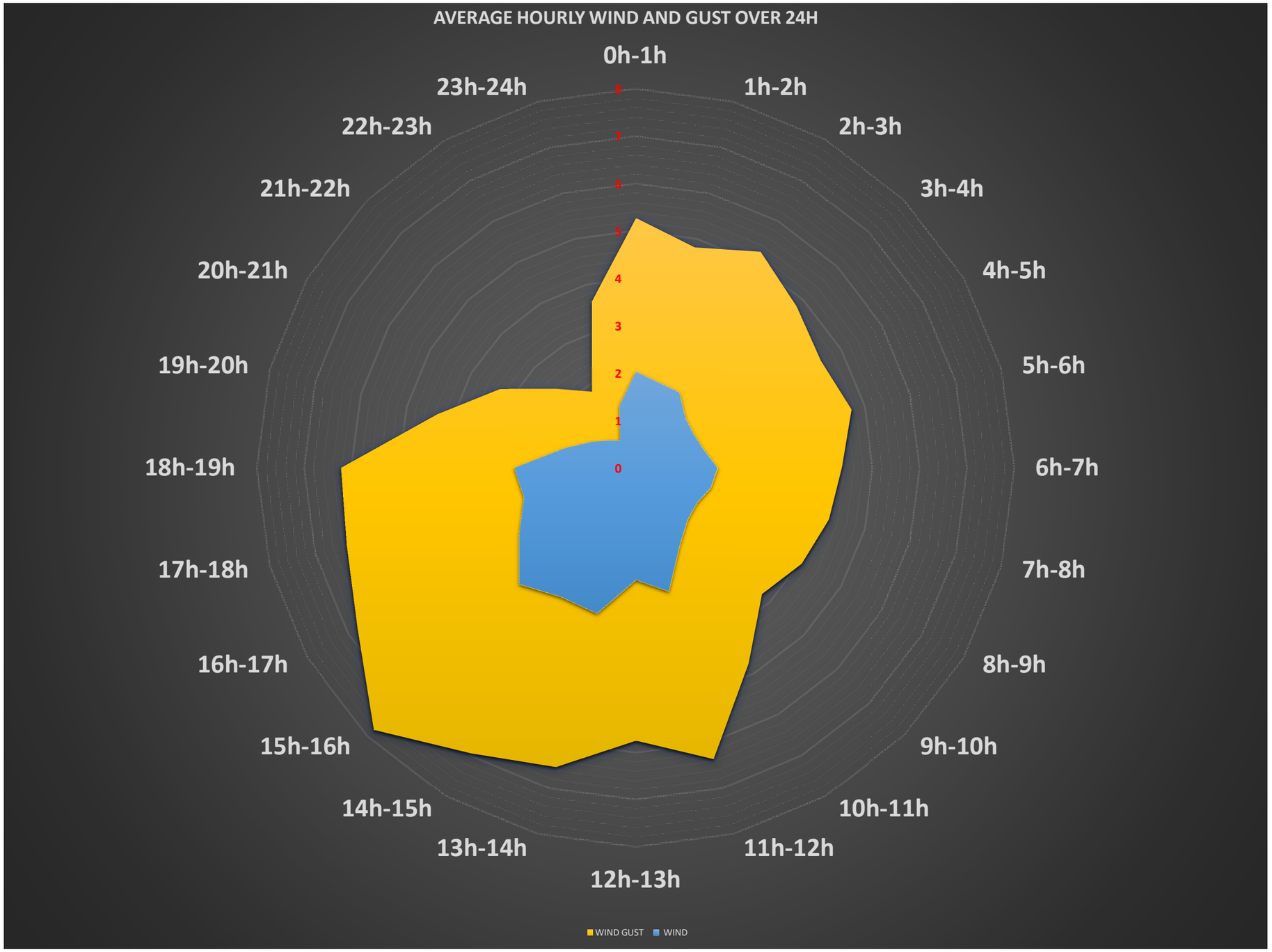

RAIN RATE AND RAIN TOTAL
Rain rate MM/H
Rain total MM
1,2
1,1
1
0,9
0,8
0,7
0,6
0,5
0,4
0,3
0,2
0,1
0
Rain Rate
Rain Total

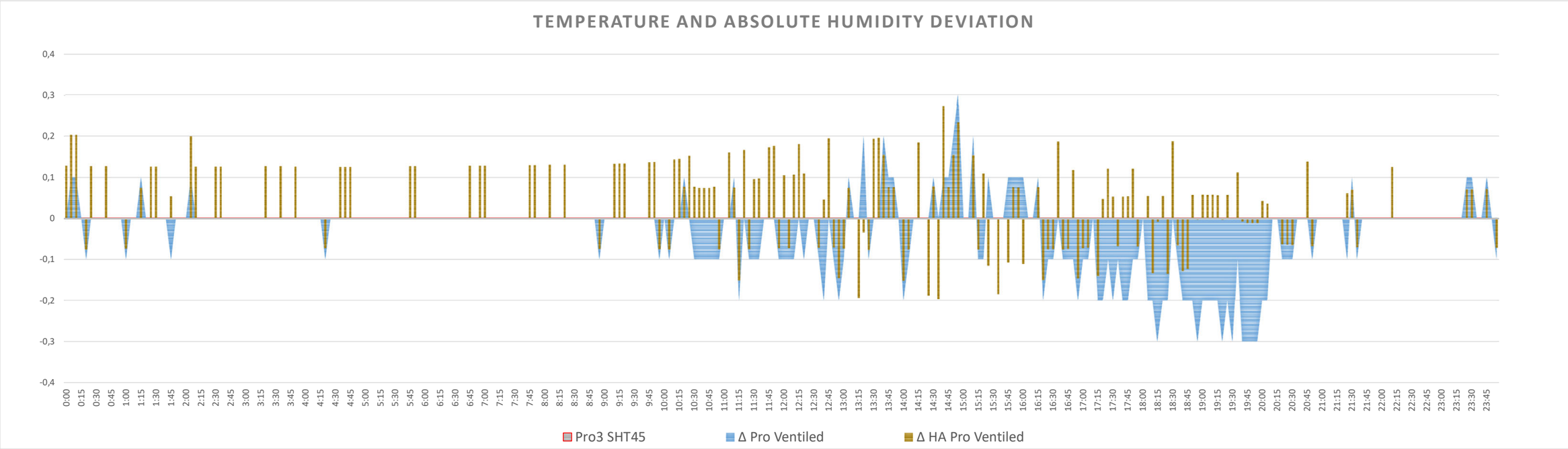
WIND

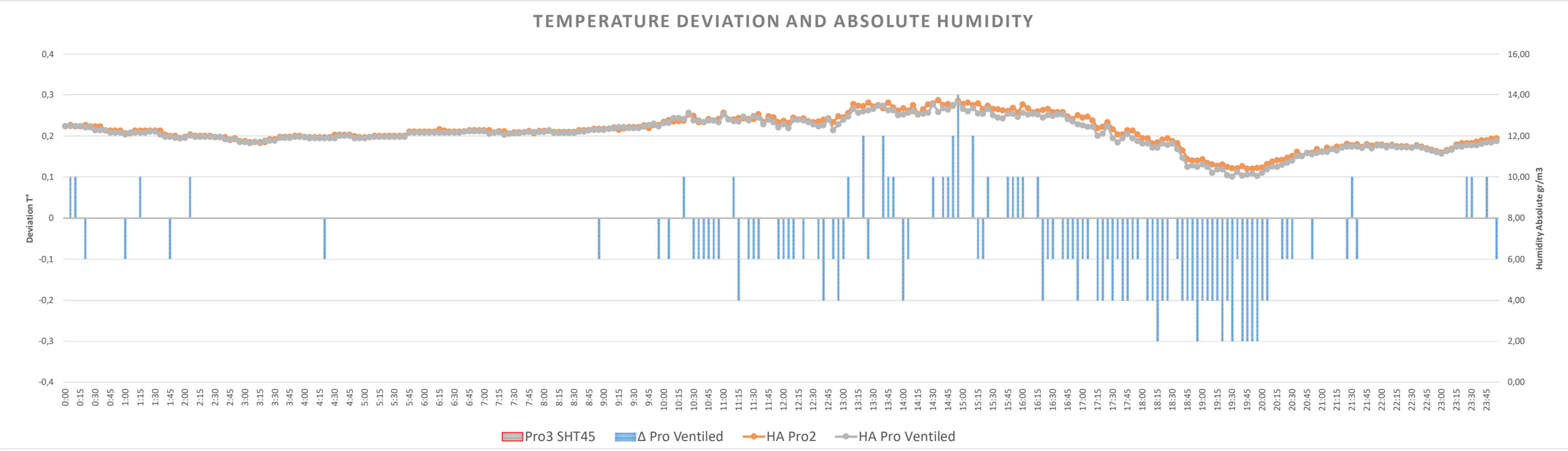

WIND AND GUST
14,0
12,0
10,0
8,0
6,0
4,0
2,0
0,0
Wind M/S
WIND
WIND GUST


WIND DIRECTION PER HOUR
360,00
310,00
260,00
210,00
160,00
110,00
60,00
10,00
- 40,00
261,58
29,25
126,75
291,50
233,25
182,58
98,17
187,08
104,58
53,50
80,92
33,67
159,92
266,58
320,00
322,17
308,08
309,25
284,25
311,25
333,75
114,08
44,67
108,17
0h-1h
1h-2h
2h-3h
3h-4h
4h-5h
5h-6h
6h-7h
7h-8h
8h-9h
9h-10h
10h-11h
11h-12h
12h-13h
13h-14h
14h-15h
15h-16h
16h-17h
17h-18h
18h-19h
19h-20h
20h-21h
21h-22h
22h-23h
23h-24h
Dir Wind


AVERAGE HOURLY WIND DIRECTION OVER 24H
N
NNE
NE
ENE
E
ESE
SE
SSE
S
SSW
SW
WSW
W
WNW
NW
NNW
5
2
2
0
0
0
2
2
0
0
1
1
1
3
2
Rose des vents


AVERAGE HOURLY WIND AND GUST OVER 24H
0h-1h
1h-2h
2h-3h
3h-4h
4h-5h
5h-6h
6h-7h
7h-8h
8h-9h
9h-10h
10h-11h
11h-12h
12h-13h
13h-14h
14h-15h
15h-16h
16h-17h
17h-18h
18h-19h
19h-20h
20h-21h
21h-22h
22h-23h
23h-24h
8
7
6
5
4
3
2
1
0
WIND GUST
WIND


TEMPERATURE AND ABSOLUTE HUMIDITY DEVIATION
Pro3 SHT45
Δ Pro Ventiled
Δ HA Pro Ventiled


TEMPERATURE DEVIATION AND ABSOLUTE HUMIDITY
Deviation T°
Humidity Absolute gr/m3
Pro3 SHT45
Δ Pro Ventiled
HA Pro2
HA Pro Ventiled