

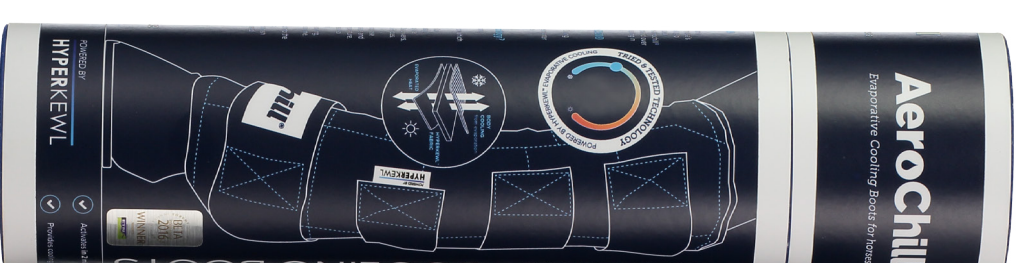
Thermographic Test - April 2018



AeroChill®

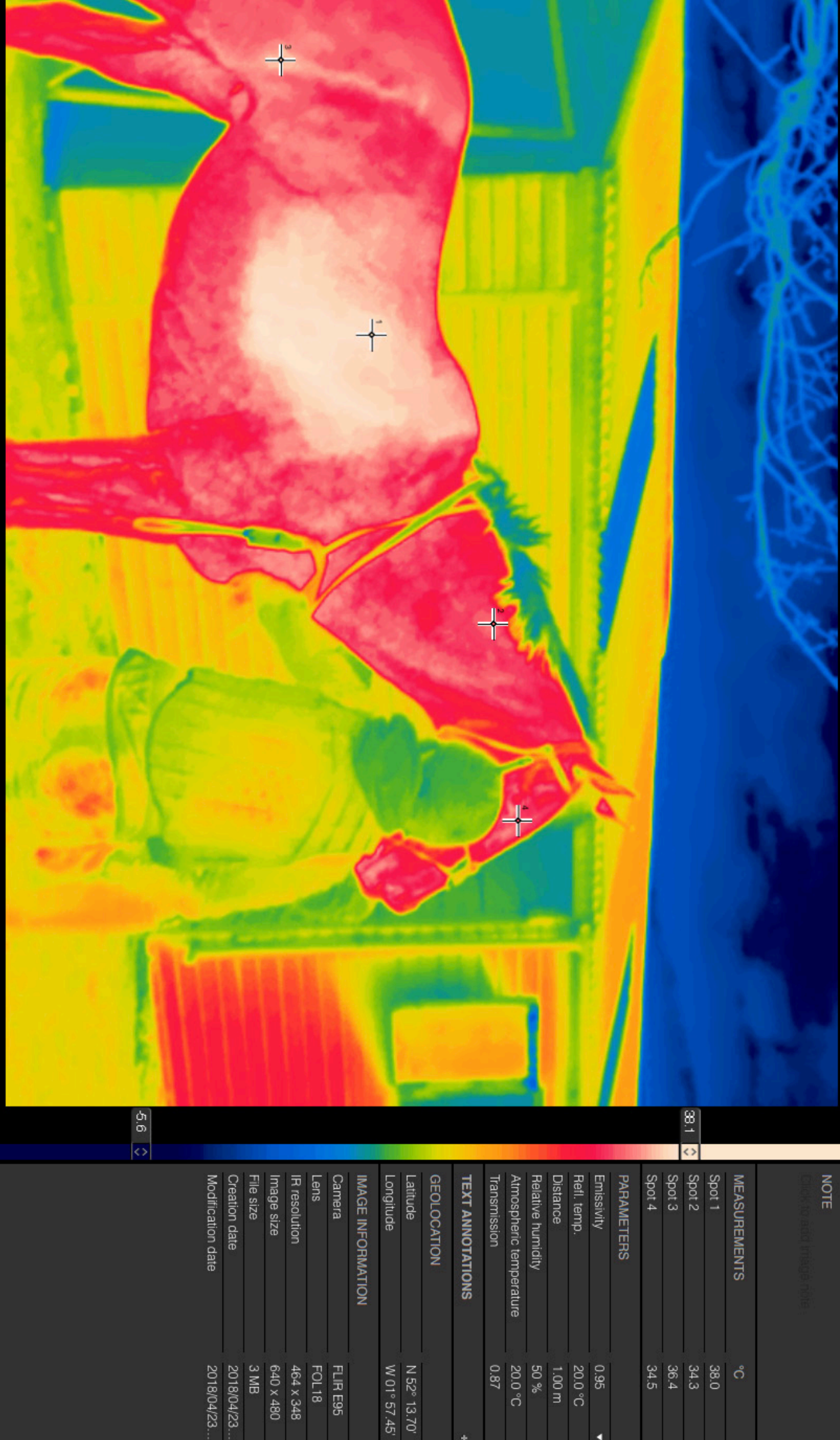
The test was based on the AeroChill Cooling Boot and AeroChill Cooling Rug. The results have concluded that both cooling solutions left a cooling thermal skin temperature when removed.

AeroChill Cooling Boots provided 5/8 °C reduction in thermal skin temperature over 10 minutes
AeroChill Cooling Rug provided 12/14 °C reduction in thermal skin temperature over 10 minutes



AeroChill®

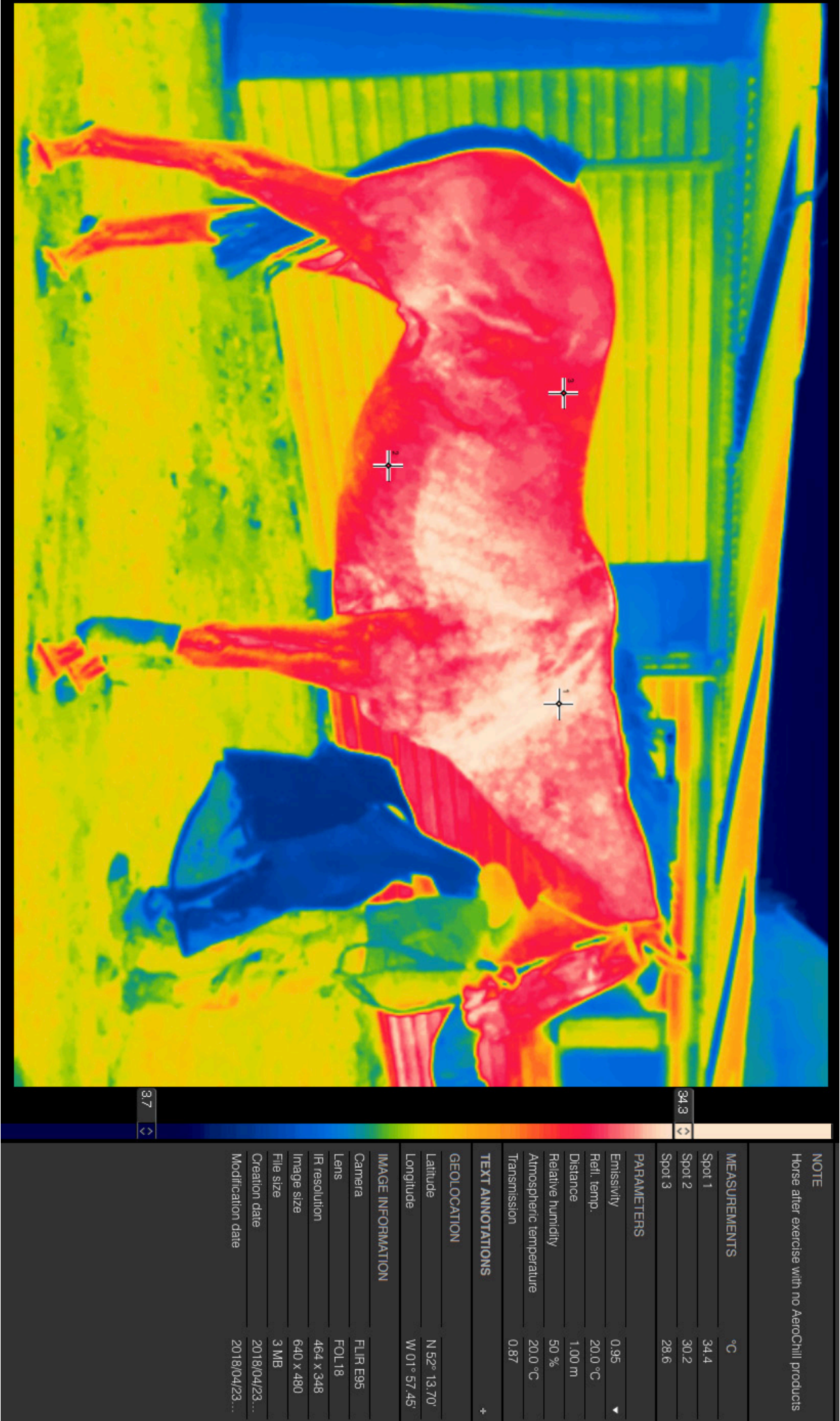
Immediately After exercise without AeroChill rug



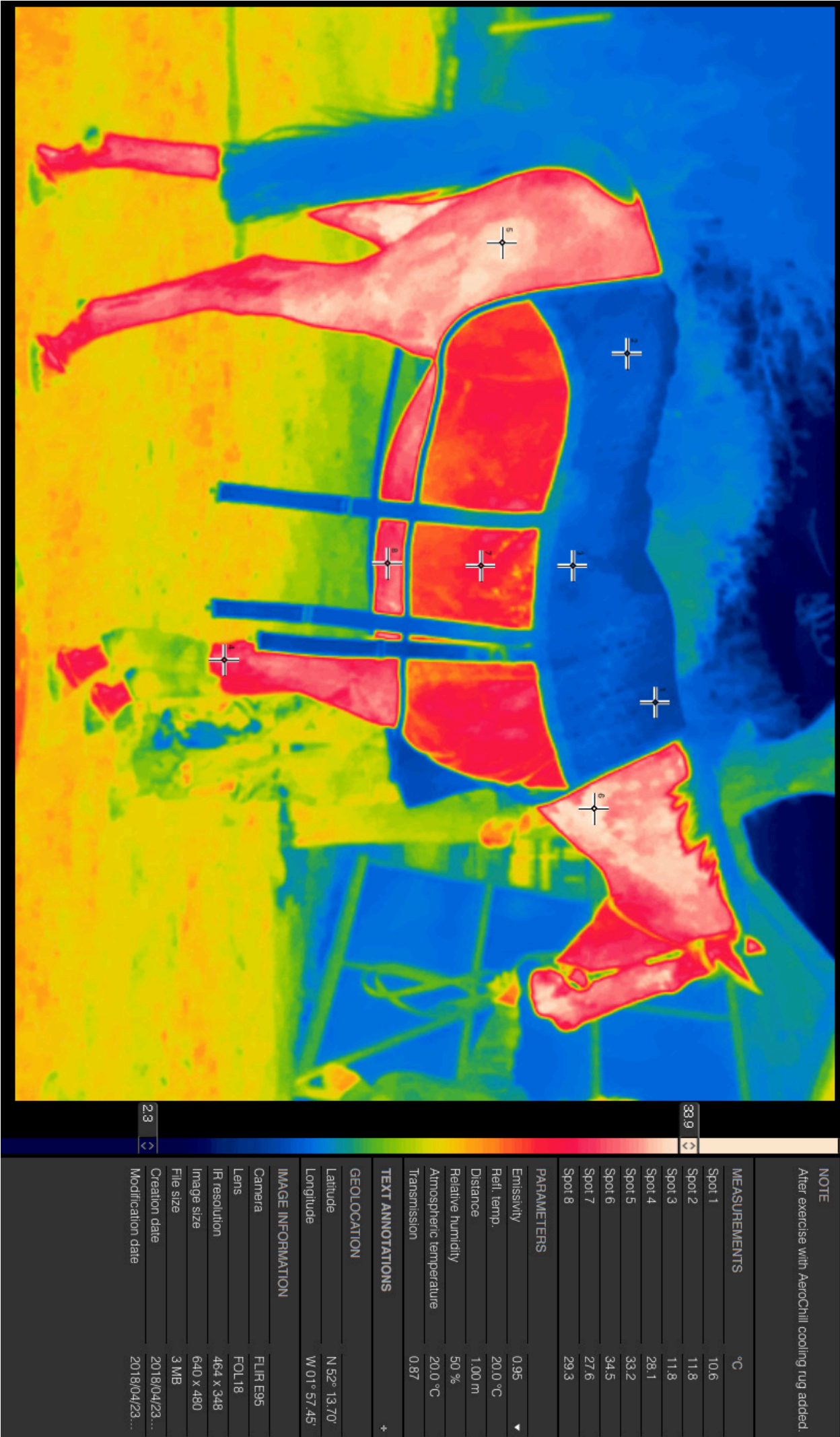
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Spots show temperatures between 38 °C and 34.3°C after exercise.

After exercise without AeroChill rug - 4 minutes after finishing

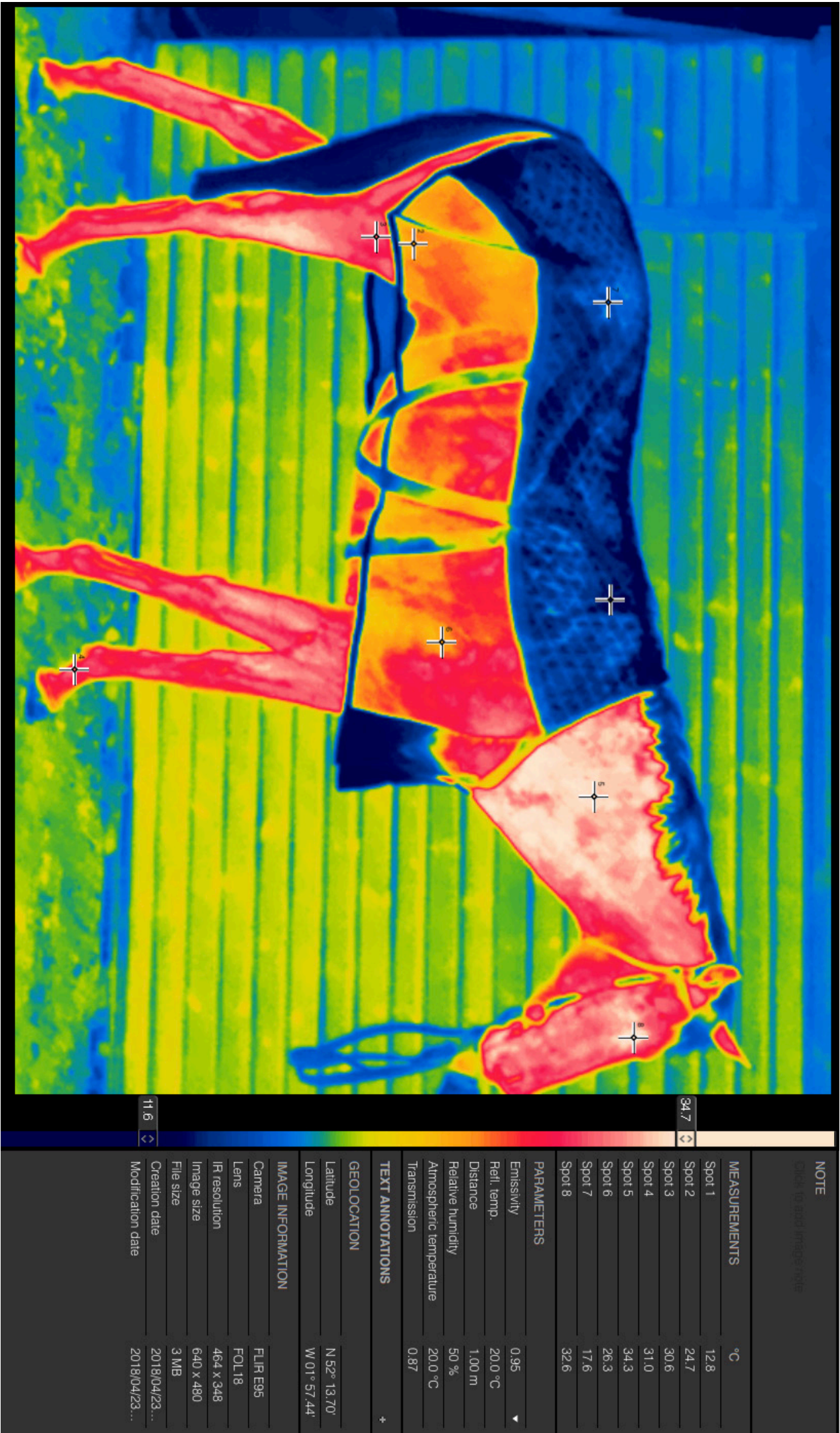


After exercise with AeroChill Rug on

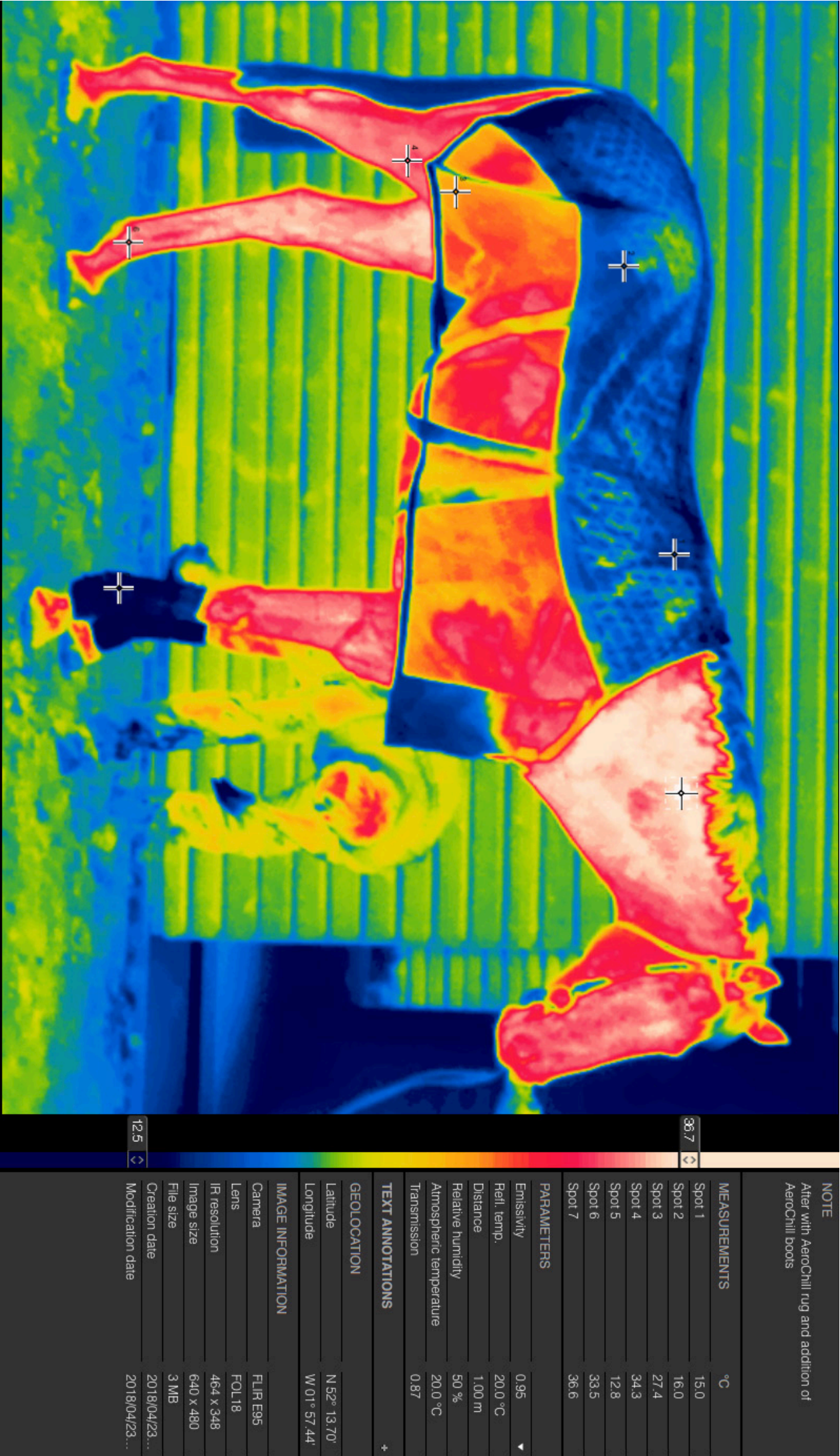


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AeroChill Rug is ready at 10.6 °C - Spot 6 rear leg is reading at 34.5 °C. Spot 4 is ready 28.1 °C on the leg.

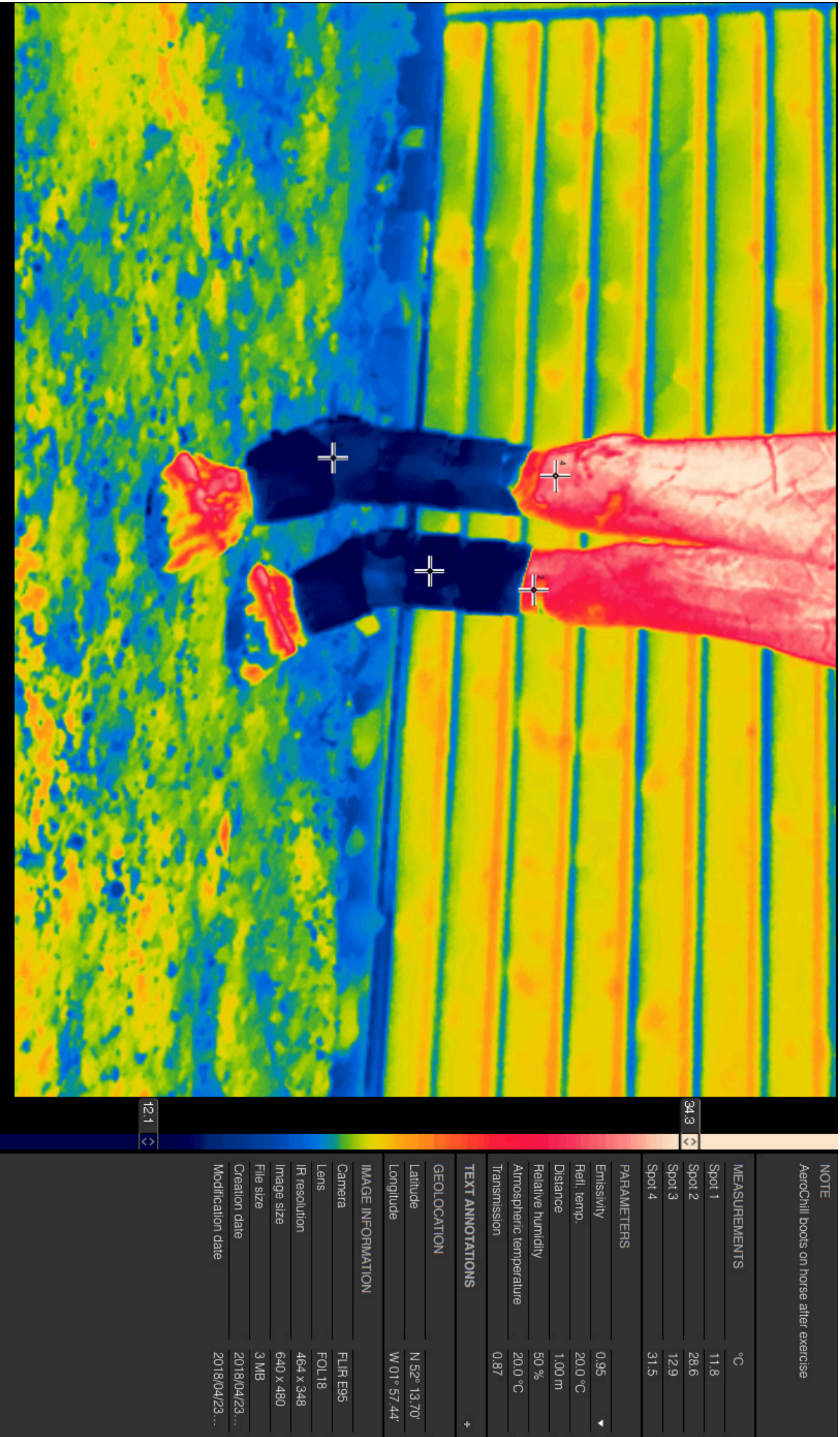


After exercise with AeroChill Rug and boots on 8 mins



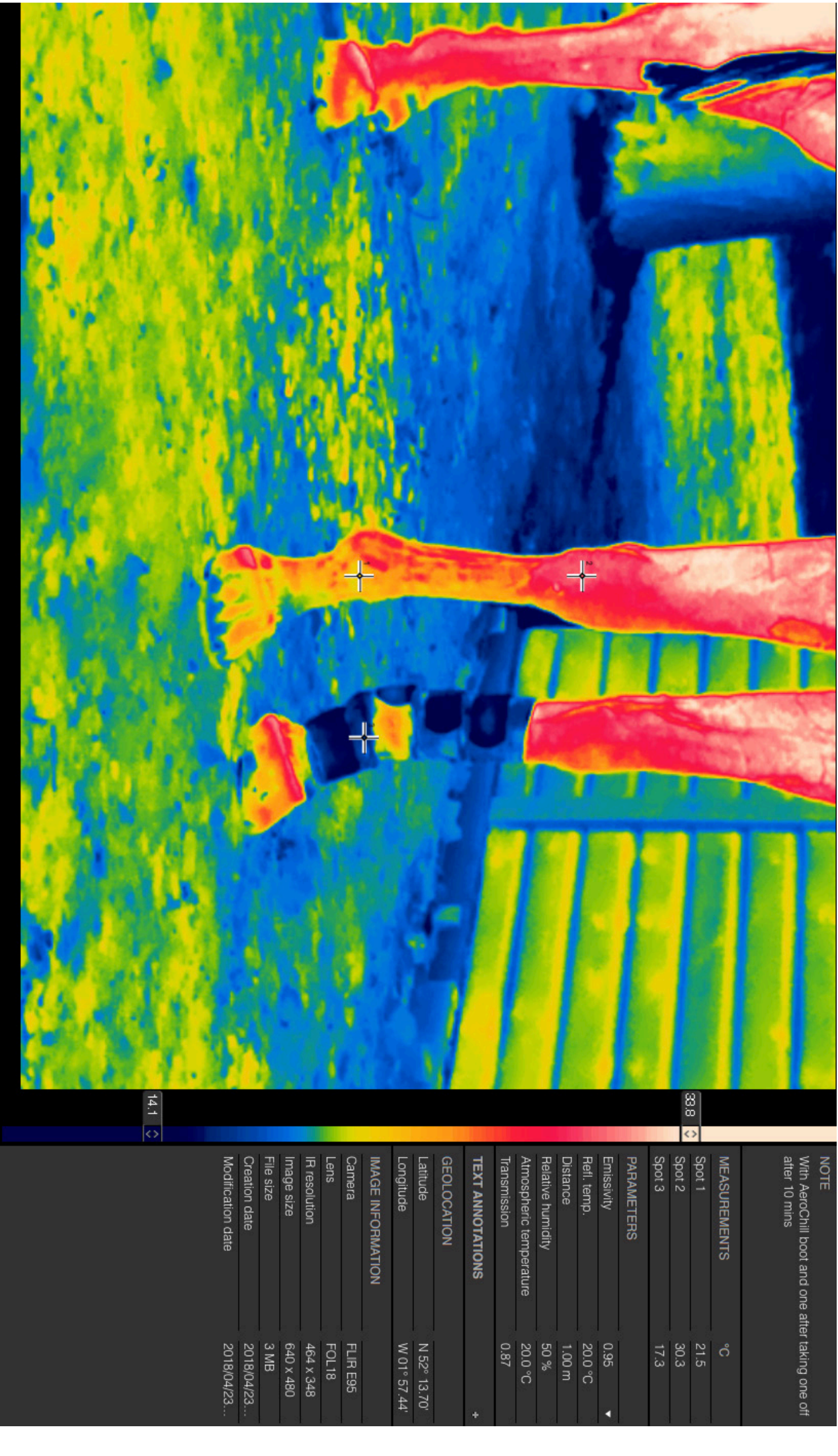
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AeroChill Rug is reading at 12.8 °C and skin next to it reading at 34.5 °C (Leg)



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AeroChill Boots temperature 11.8 °C and 12.9 °C - The temperature of the tissue without cooling is 31.5 °C and 28.5 °C

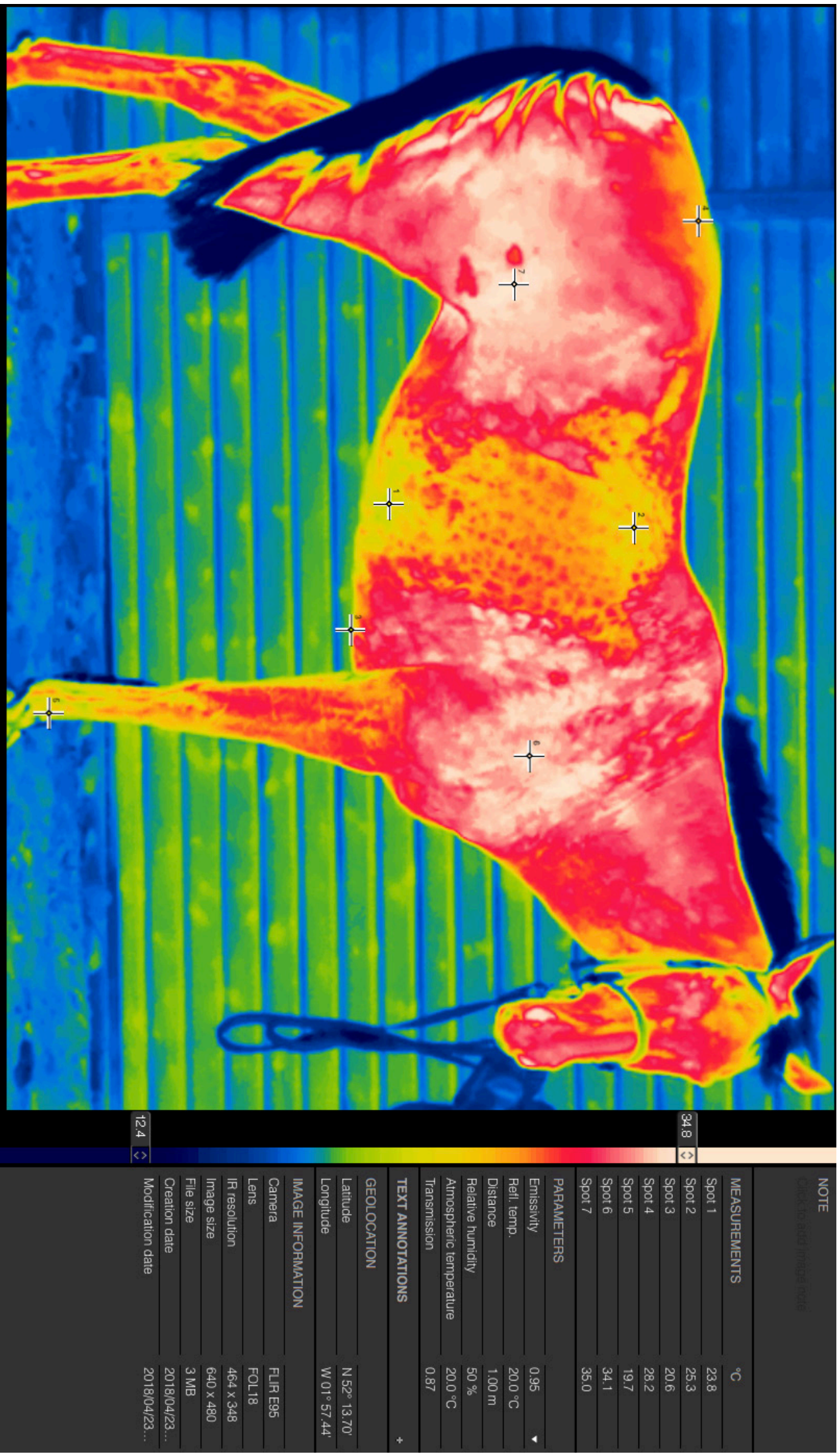


The above thermographic shows spot 1 after wearing the cooling boot for 10 minutes 21.5 °C. Spot 2 shows the area of the leg that did not have AeroChill cooling boots - this is reading at 30.3 °C.

There is a 5.8 °C reduction in thermal tissue difference between areas of the leg being cooled and those that are not. (note spot 3 the existing cooling boot is reading at 17.3 °C)

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After wearing AeroChill Cooling boots and rug

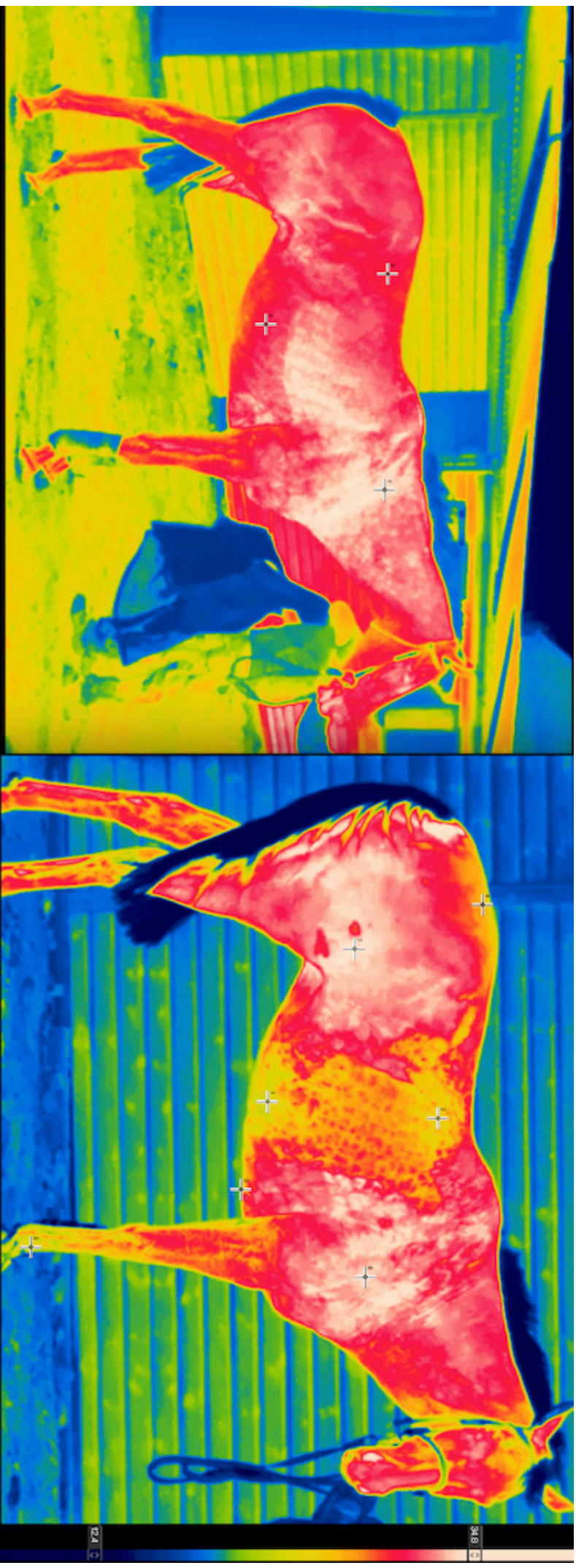


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Yellow and green areas show clearly that areas that have been cooled buy the products.
Lowest temperature recorded 19.7°C after AeroChill and 35°C in an area without AeroChill.

Immediately after training

After wearing AeroChill Rug & Boots



After exercising the temperature recorded on the horse was 38 °C. In the same position on the horse after 10 minutes of using AeroChill the temperature was 25.3 °C. This provided a 12.7 °C thermal reduction in temperature for the horse after 10 minutes.

We believe that if the rug was in place for 30 to 40 minutes we could see that reducing at 15 °C across larger areas of the horses body.

Test conducted by TechNiche UK - JJCR

