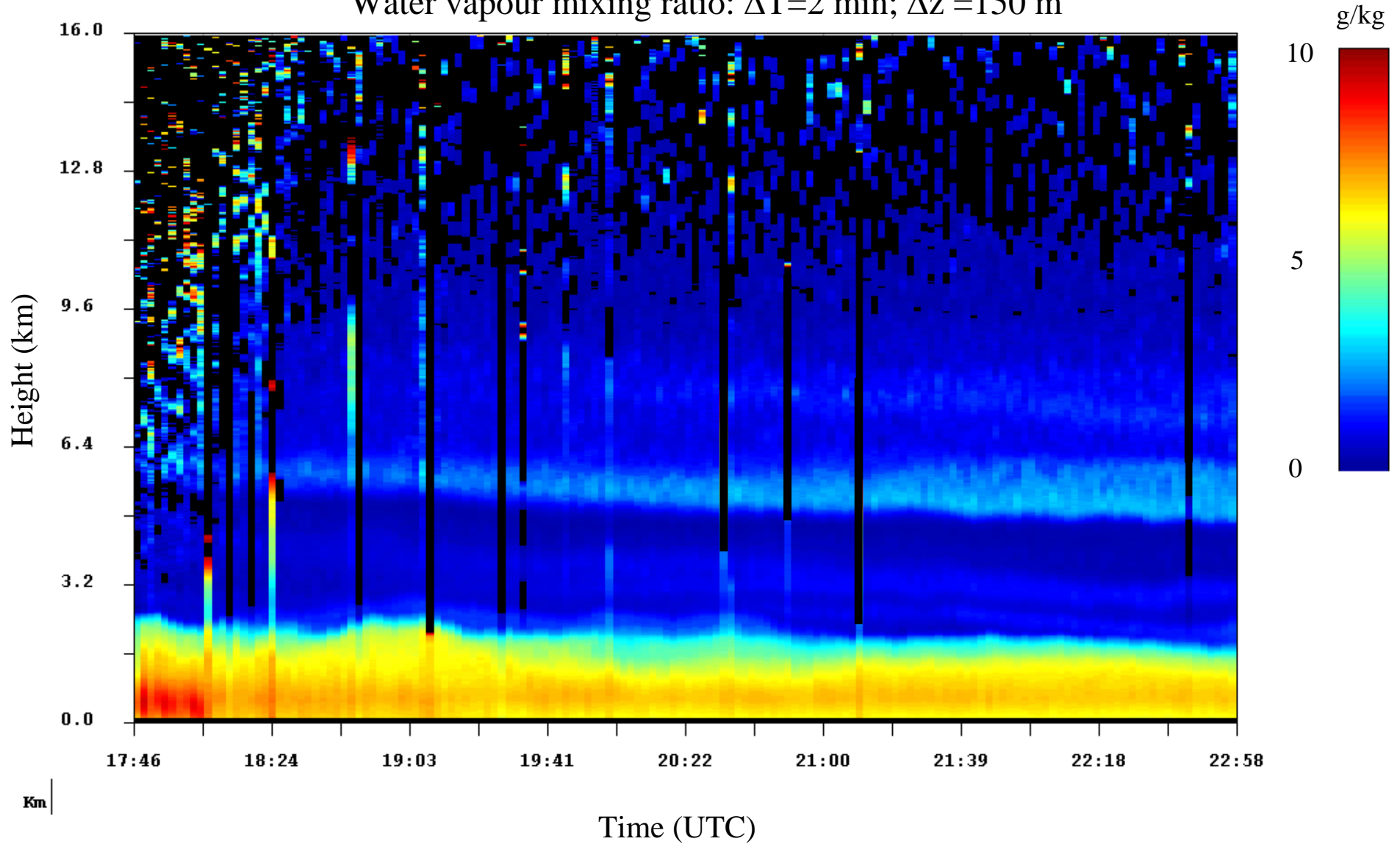


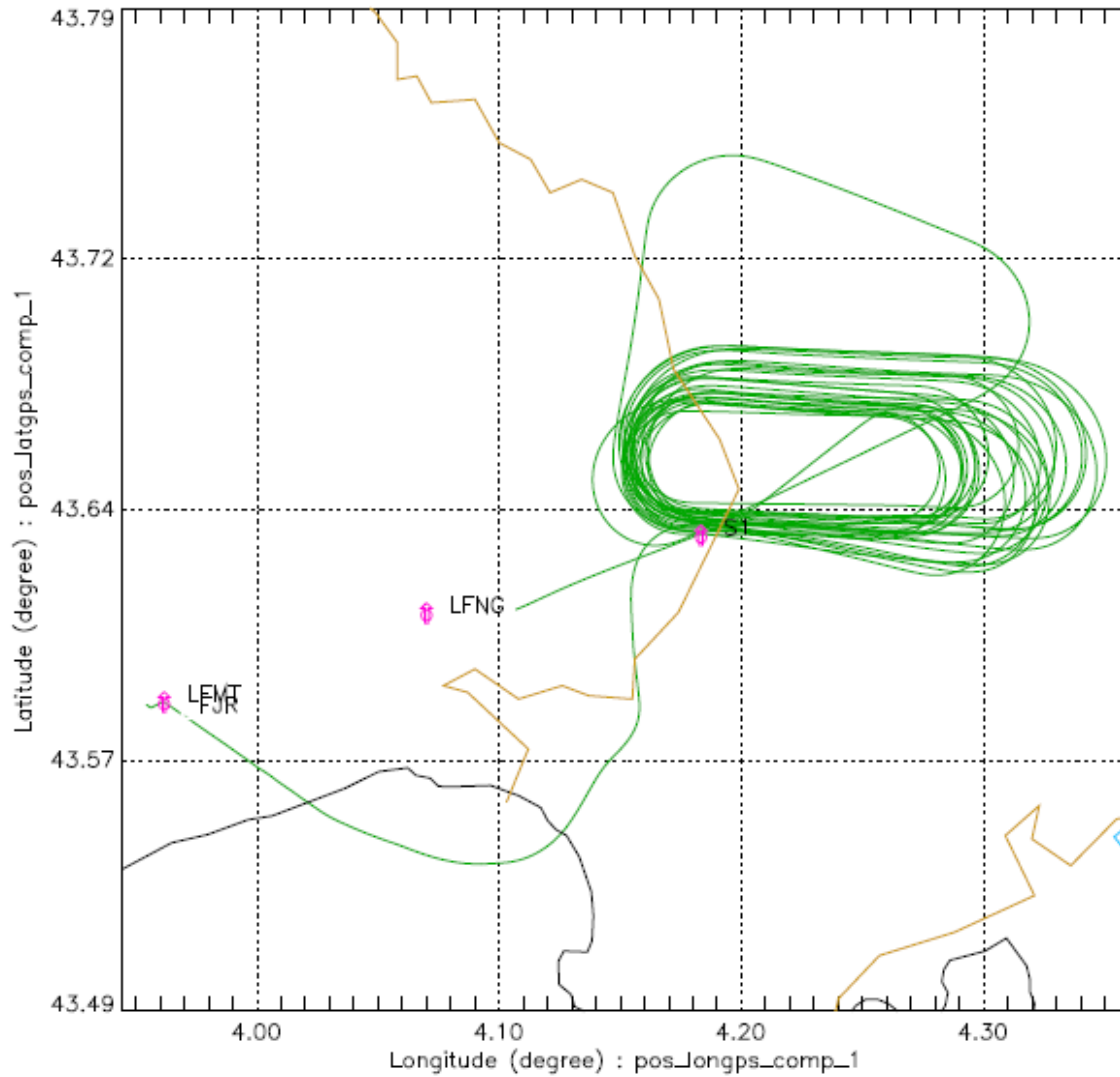
**IOP 3 - WALITEMP EUFAR Lidar validation flight
BASIL, Candillargues, 43°36'40.10"N ; 4° 4'15.80"E
13 September 2012**

Water vapour mixing ratio: $\Delta T=2$ min; $\Delta z =150$ m



WALITEMP EUFAR PROJECT

ATR42 flight pattern

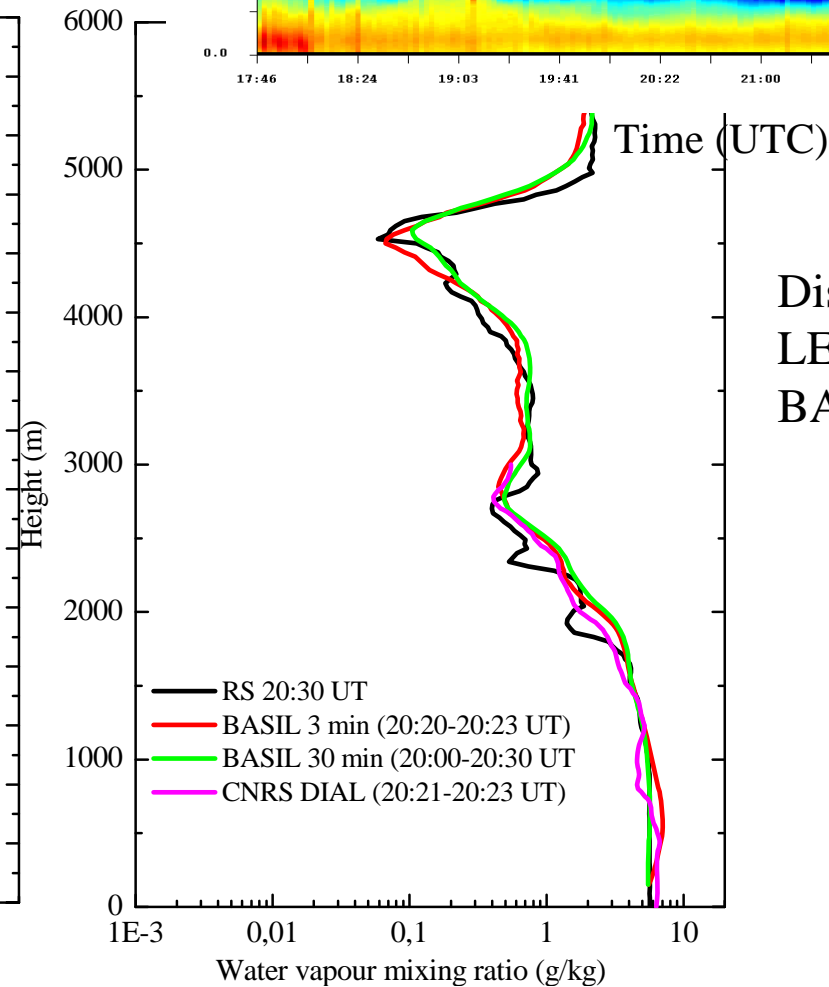
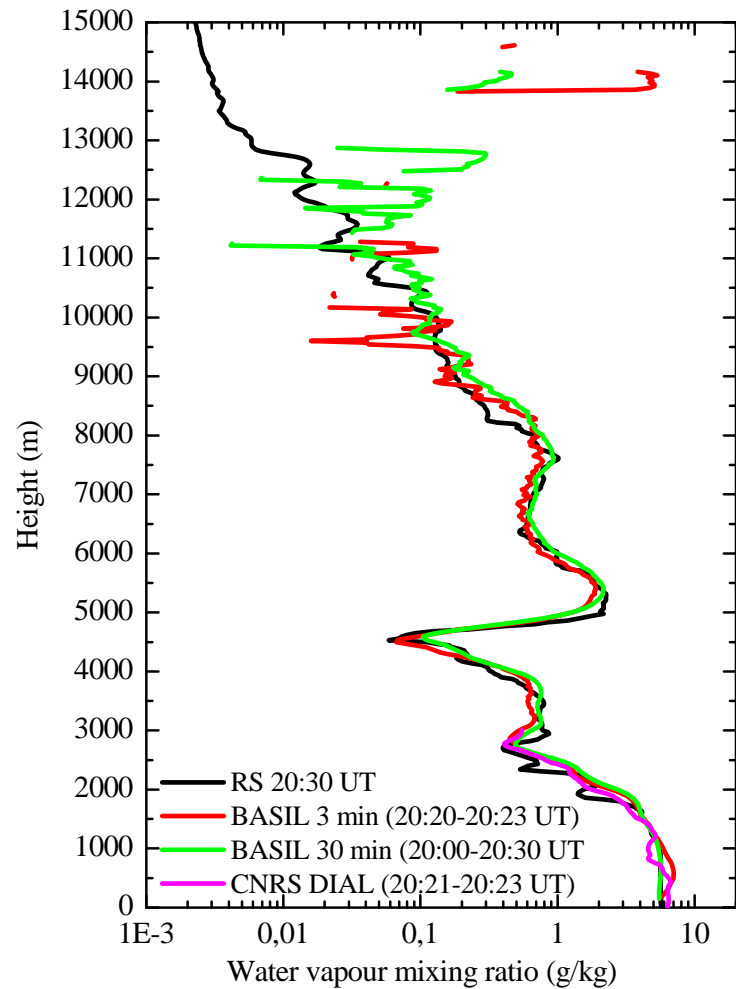
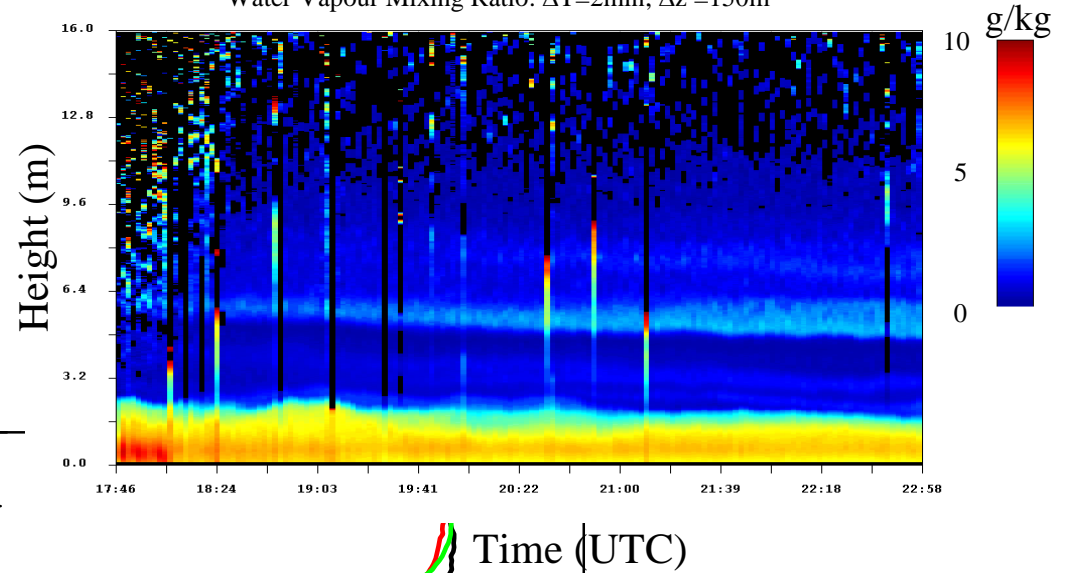


LFMT = Montpellier
LFNG = Candillargues

IOP 3 - WALITEMP EUFAR

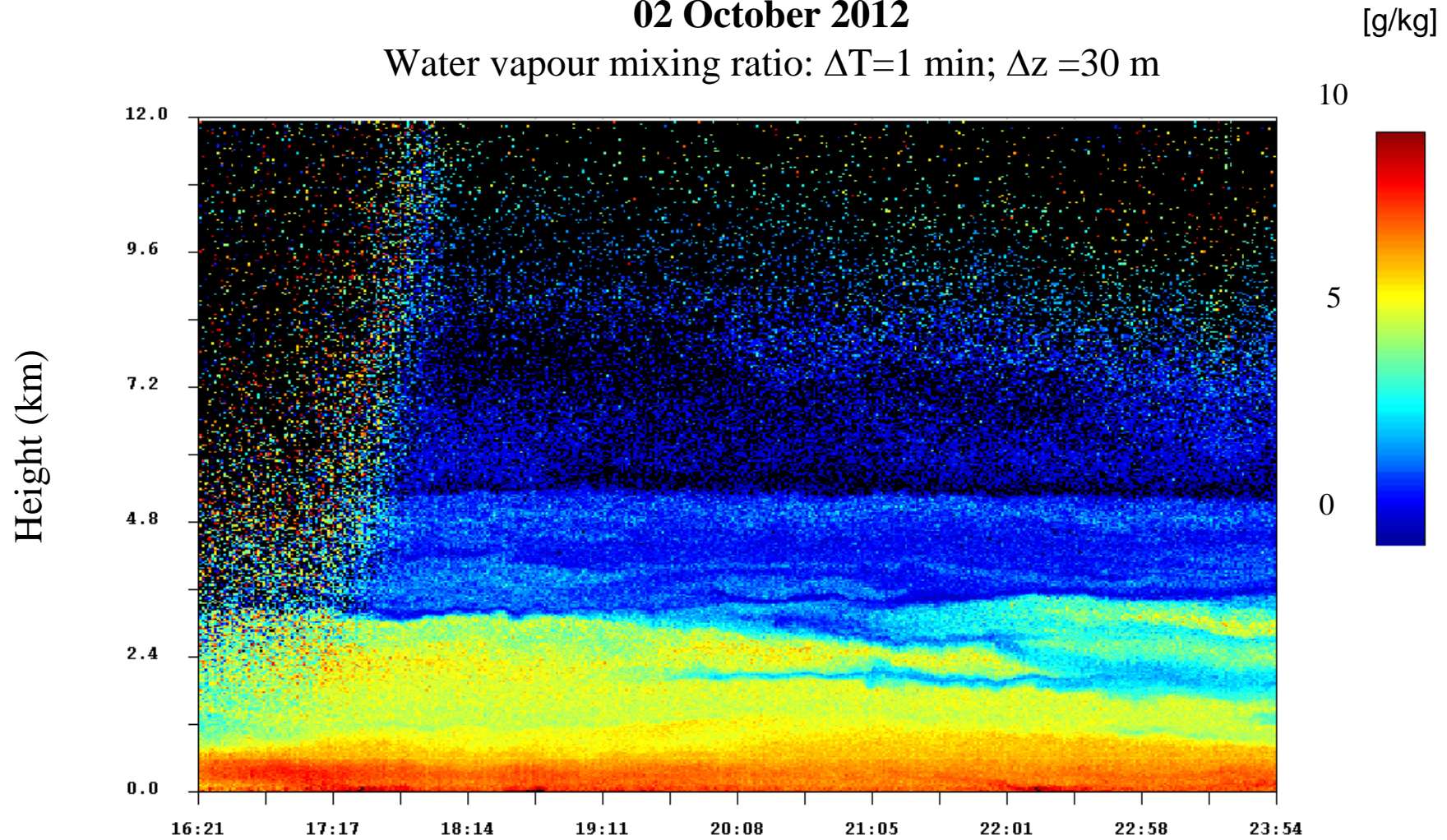
Lidar validation flight on 13 September 2012 (20.20 UTC)

Water Vapour Mixing Ratio: $\Delta T=2\text{min}$; $\Delta z = 150\text{m}$



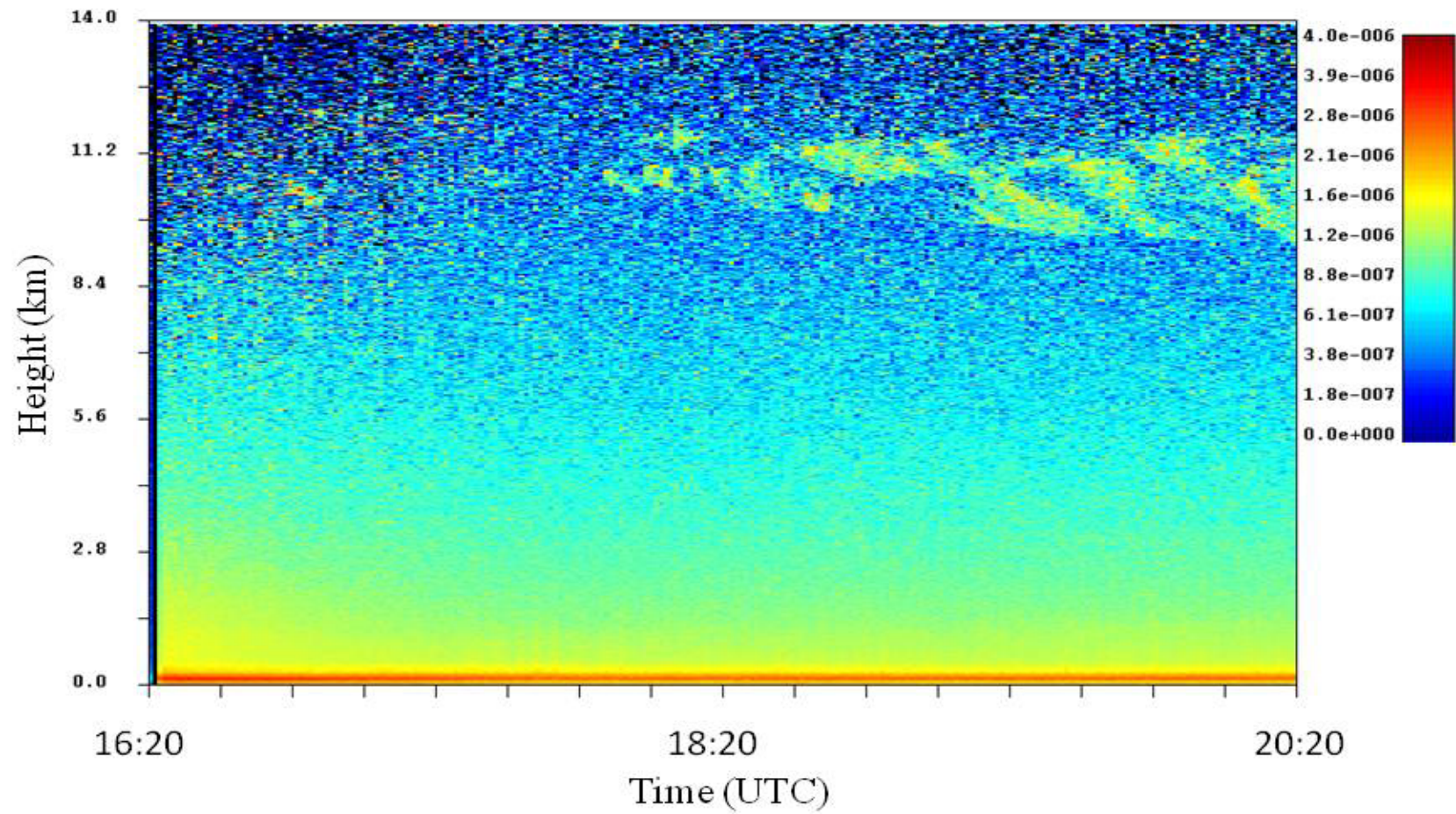
**IOP 9 - WALITEMP EUFAR Lidar validation flight
BASIL, Candillargues, 43°36'40.10"N ; 4° 4'15.80"E
02 October 2012**

Water vapour mixing ratio: $\Delta T=1$ min; $\Delta z =30$ m



Backscattering coefficient at 355 nm: $\Delta T=1$ min; $\Delta z =30$ m

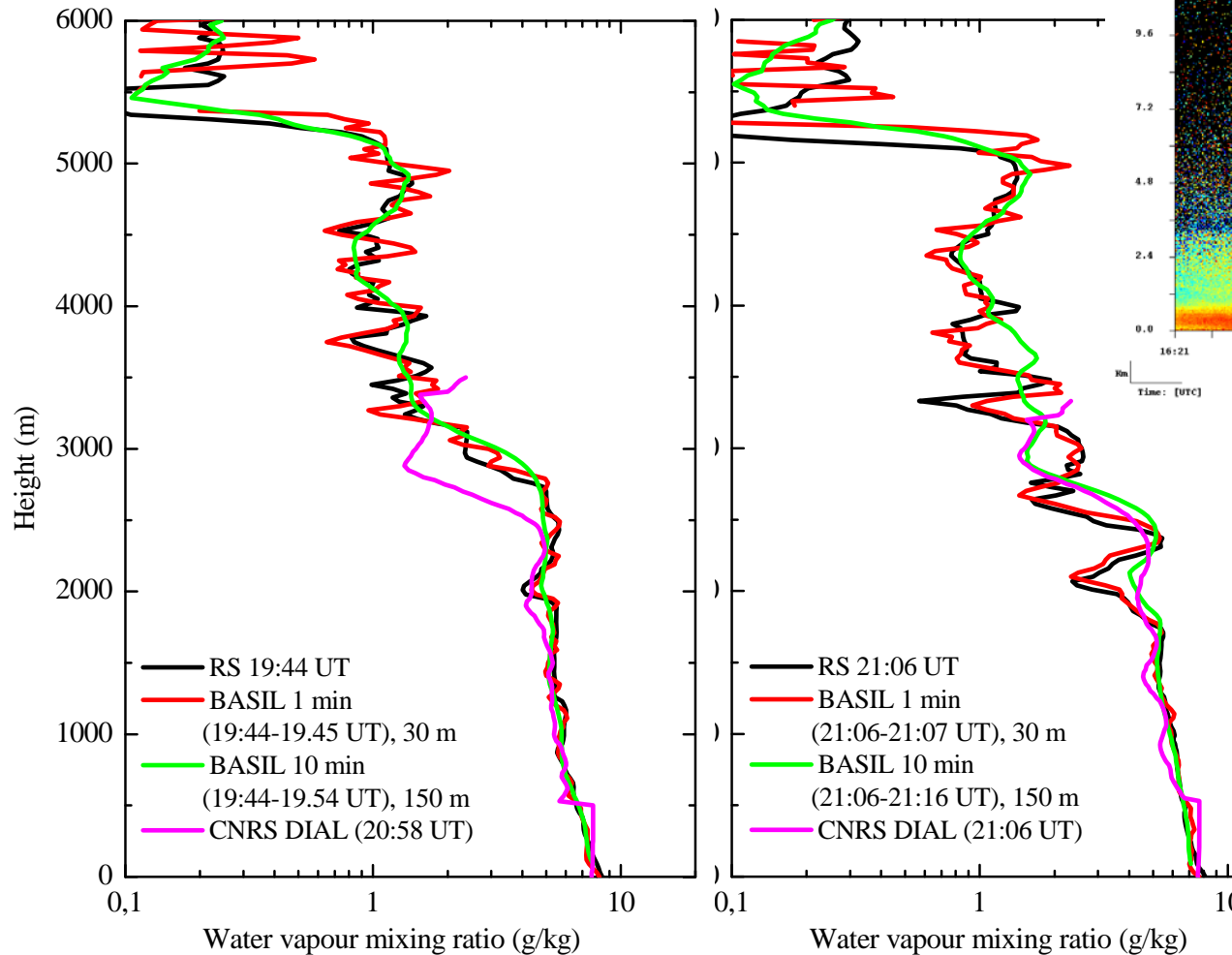
$\text{m}^{-1} \text{sr}^{-1}$



IOP 9 – WALITEMP EUFAR

Lidar validation flight on 2 October 2012 (19.44 & 21:06 UTC)

Water vapour mixing ratio: $\Delta T=1$ min; $\Delta z=30$ m



Distance between
LEANDRE II and
BASIL: 5-20 km

