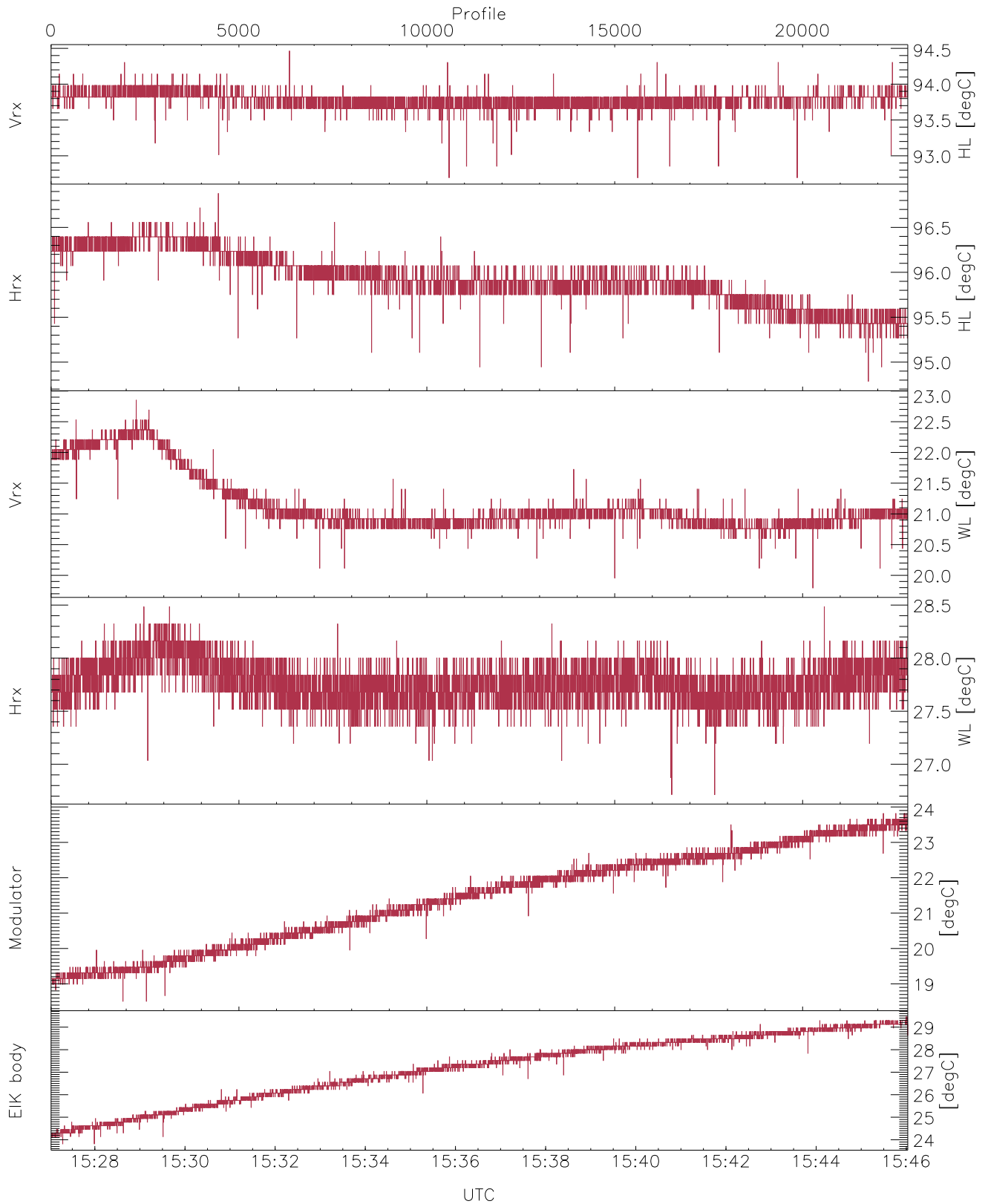


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

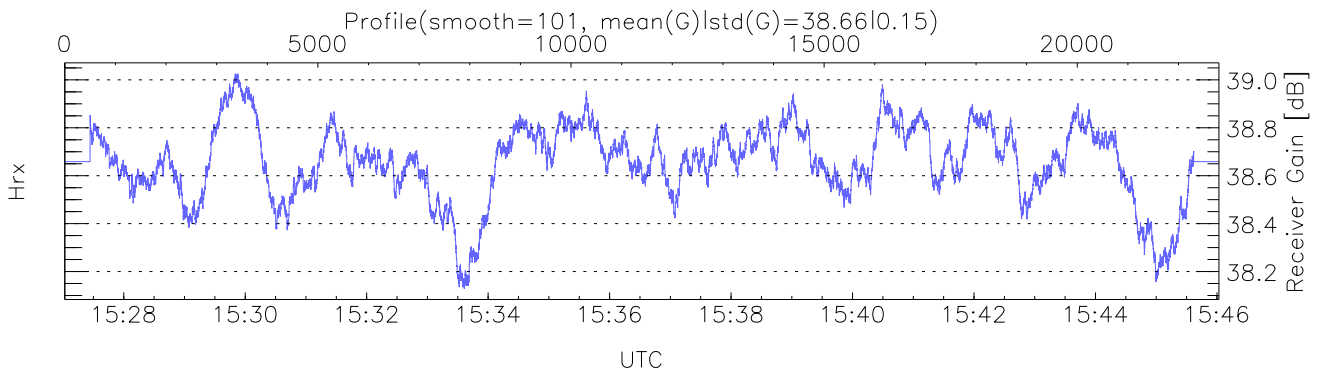
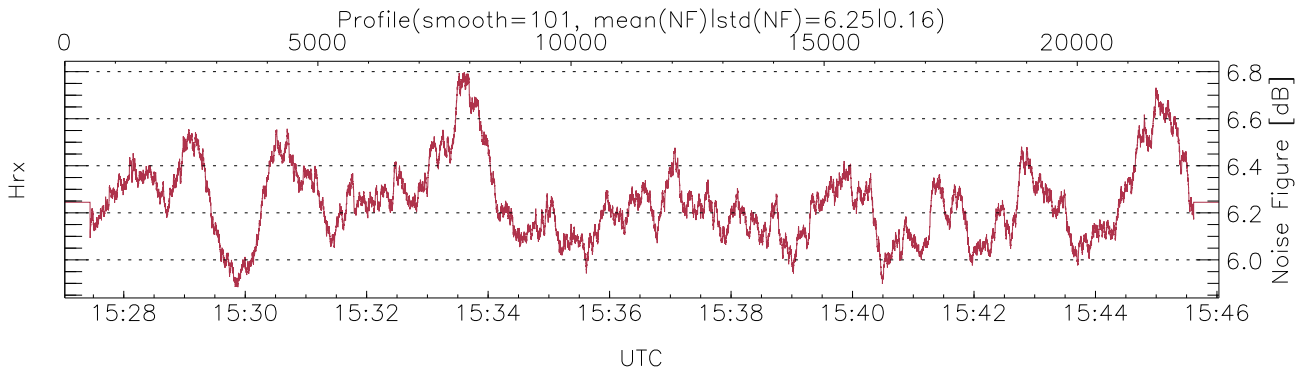
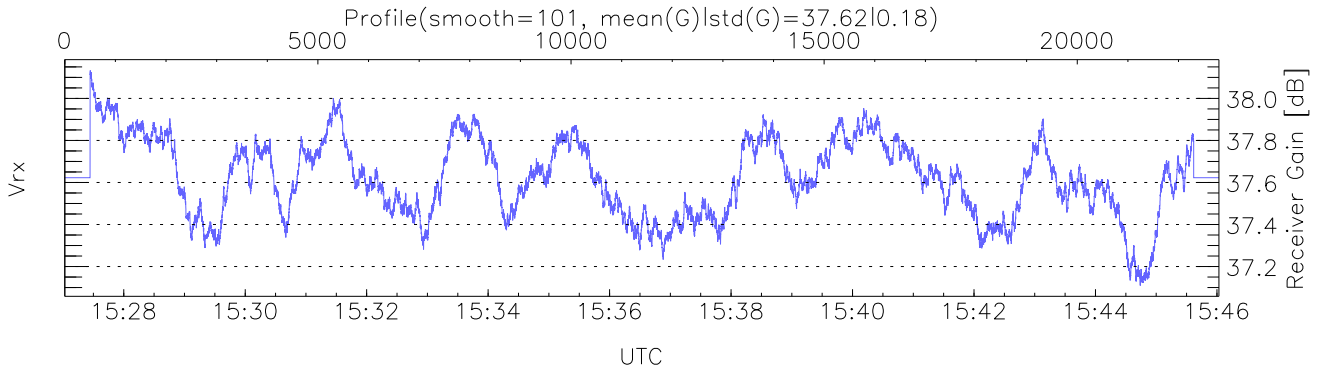
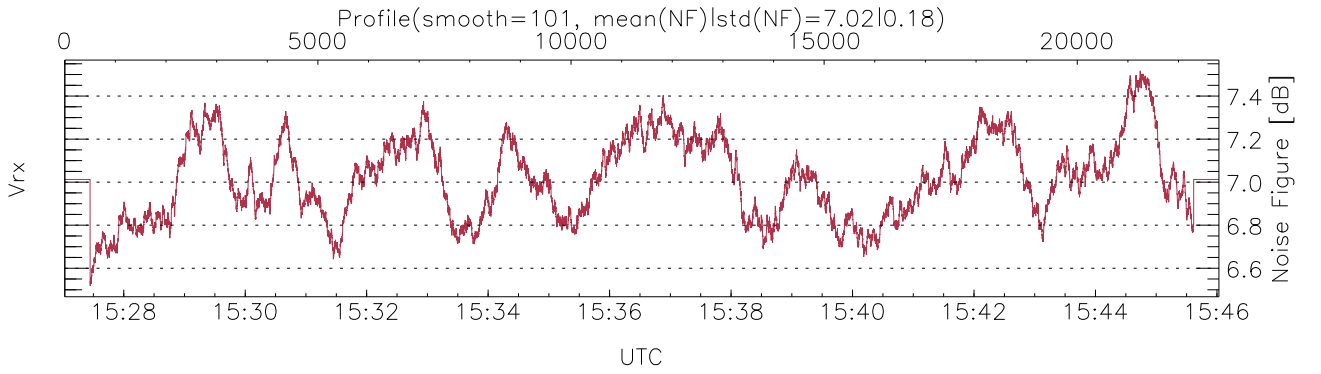
UTC: 15:27:02-16:38:43, Dur: 4301.33s  
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant  
 TimeInt/PPS(min,max,mn,std): 50.0,50.0,50.0,0.0 ms / 20,20,20  
 NumRec(r/t): 22800/86006, 0-22799/15:27:02-15:46:02  
 AcqTime: 50.0ms, Rate: 113KB/s, Averages: 250  
 Pulse: 200ns, IFF: 5.0MHz, Tx: V2 V2 H2 H2  
 PRF: 20.0 20.0 20.0 KHz, IGS: 50us  
 Range(min,max,rqs): 105,3108,15.0 m, Gates: 201, Aspect: 3.3  
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

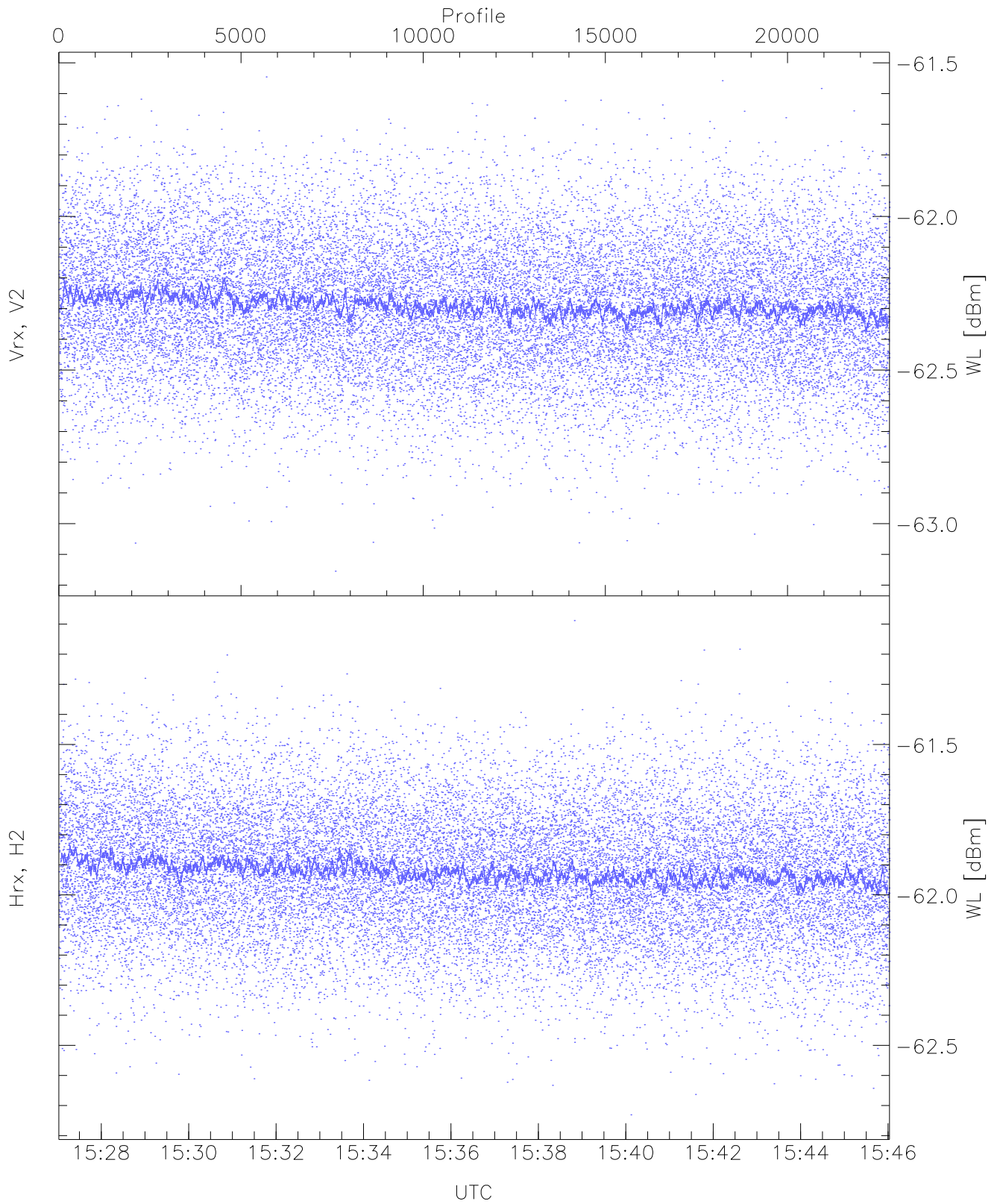
```

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,19,26,18,23
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,22,28,23,29
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
  DeckT, CollT, BodyCurr, DeckF, OverDuty, HVPS (15,15,15,15,15,17)
    
```



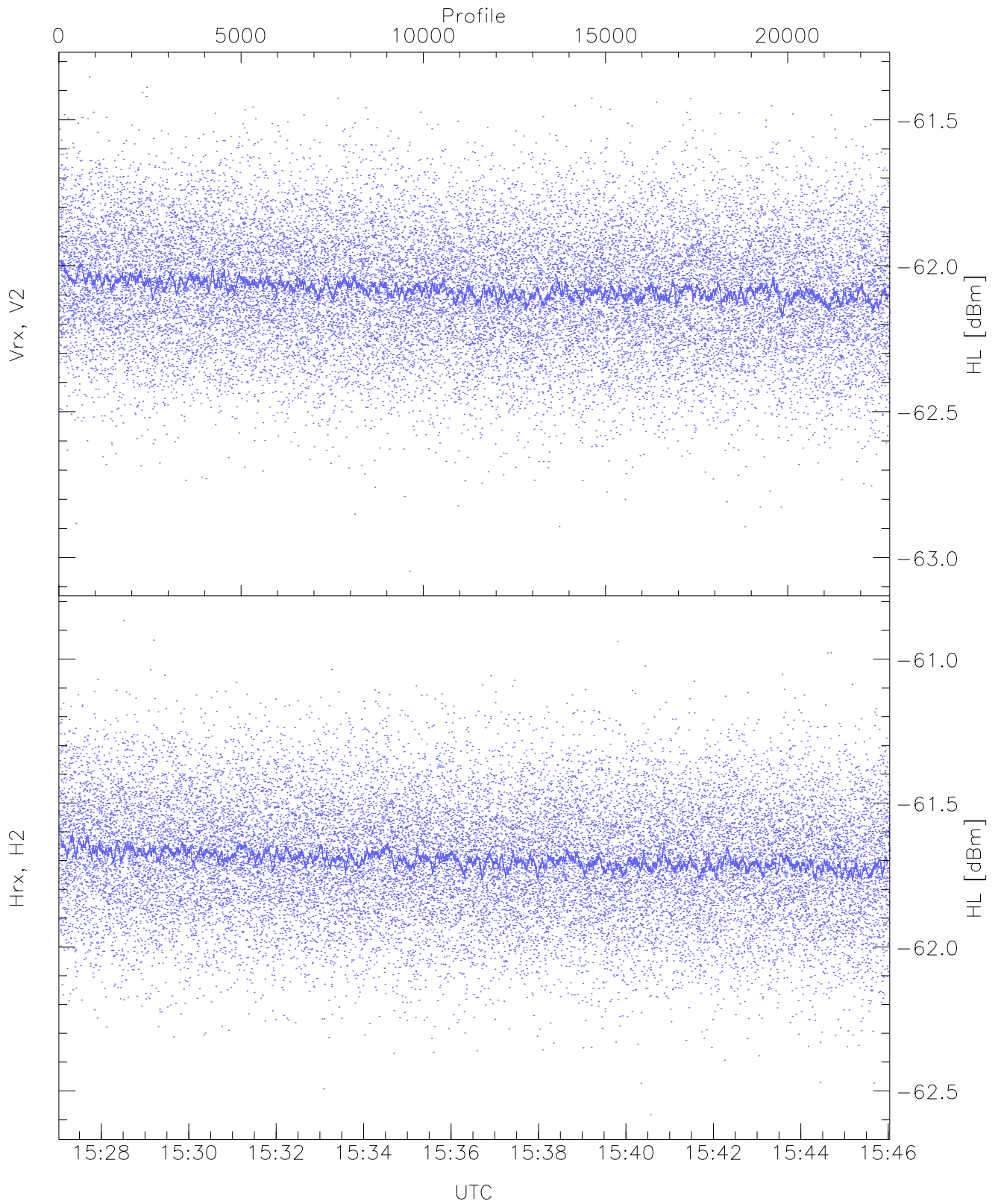
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 11913 pixs, 98 gates, 8378 profs, 2 prods



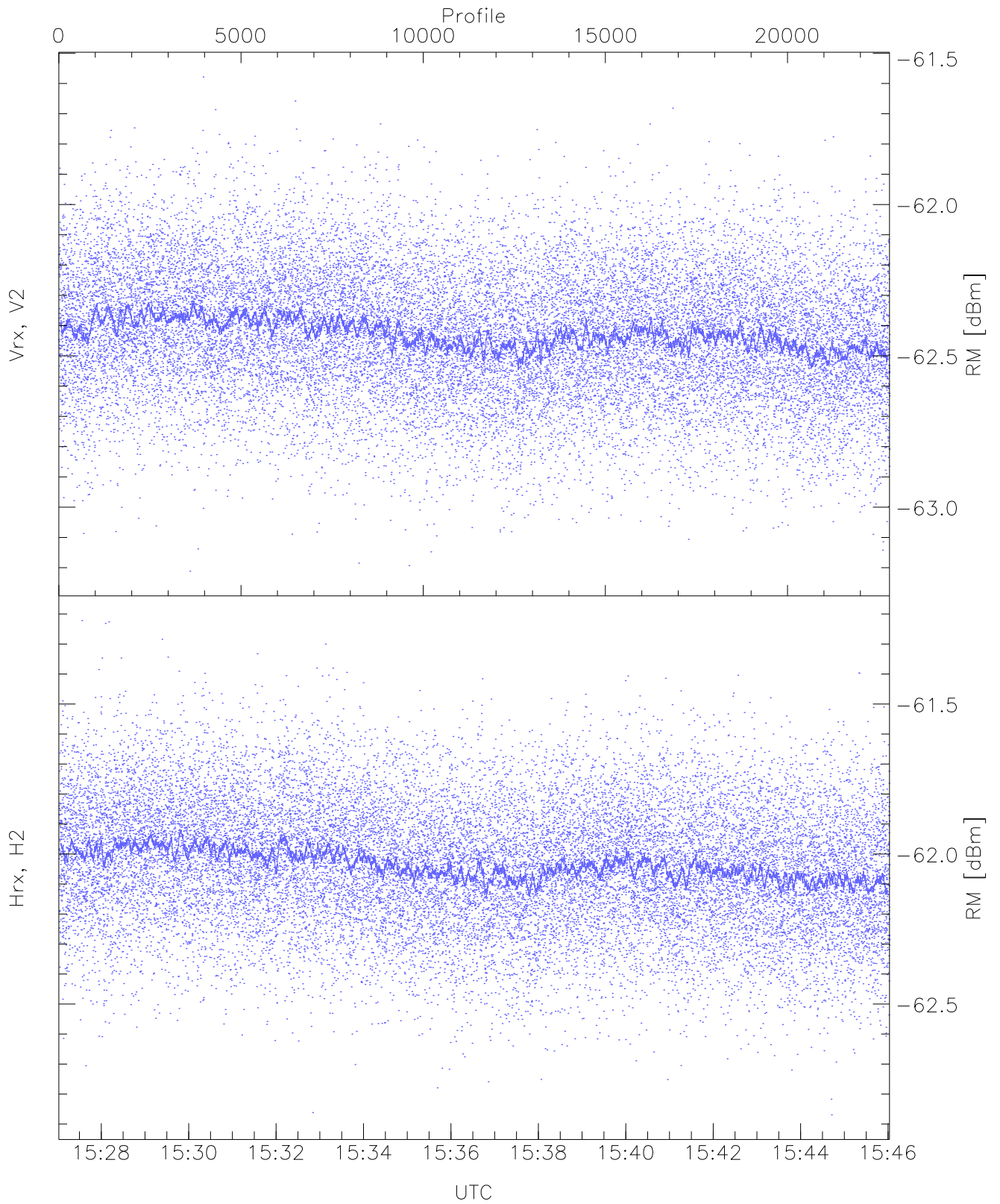
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Vrx, V2(WL [dBm])	-63.15	-61.55	-62.29	-62.29	-75.64
Hrx, H2(WL [dBm])	-62.73	-61.09	-61.92	-61.92	-75.33



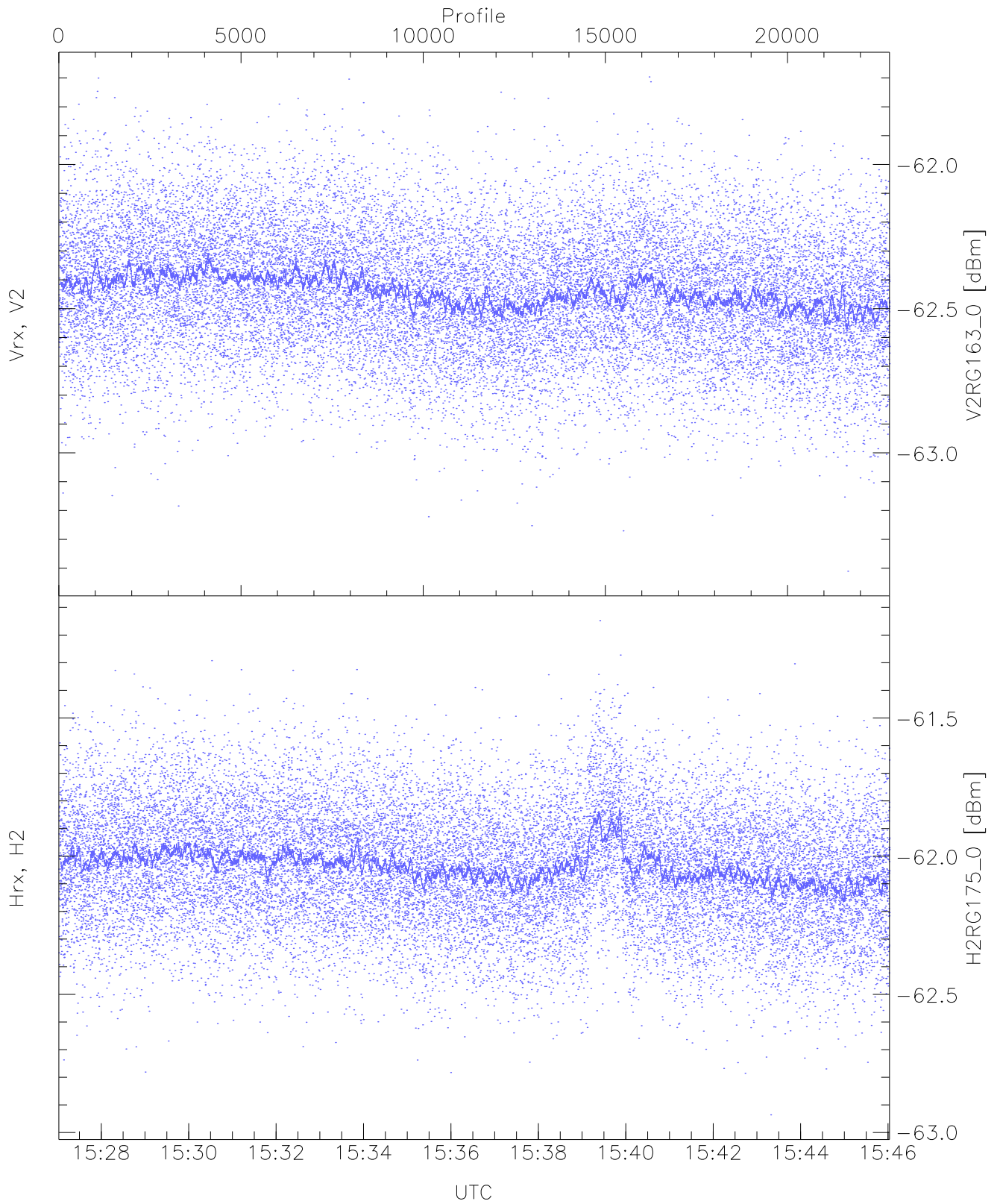
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Vrx, V2(HL [dBm])	-63.05	-61.35	-62.08	-62.08	-75.49
Hrx, H2(HL [dBm])	-62.58	-60.87	-61.69	-61.70	-75.11



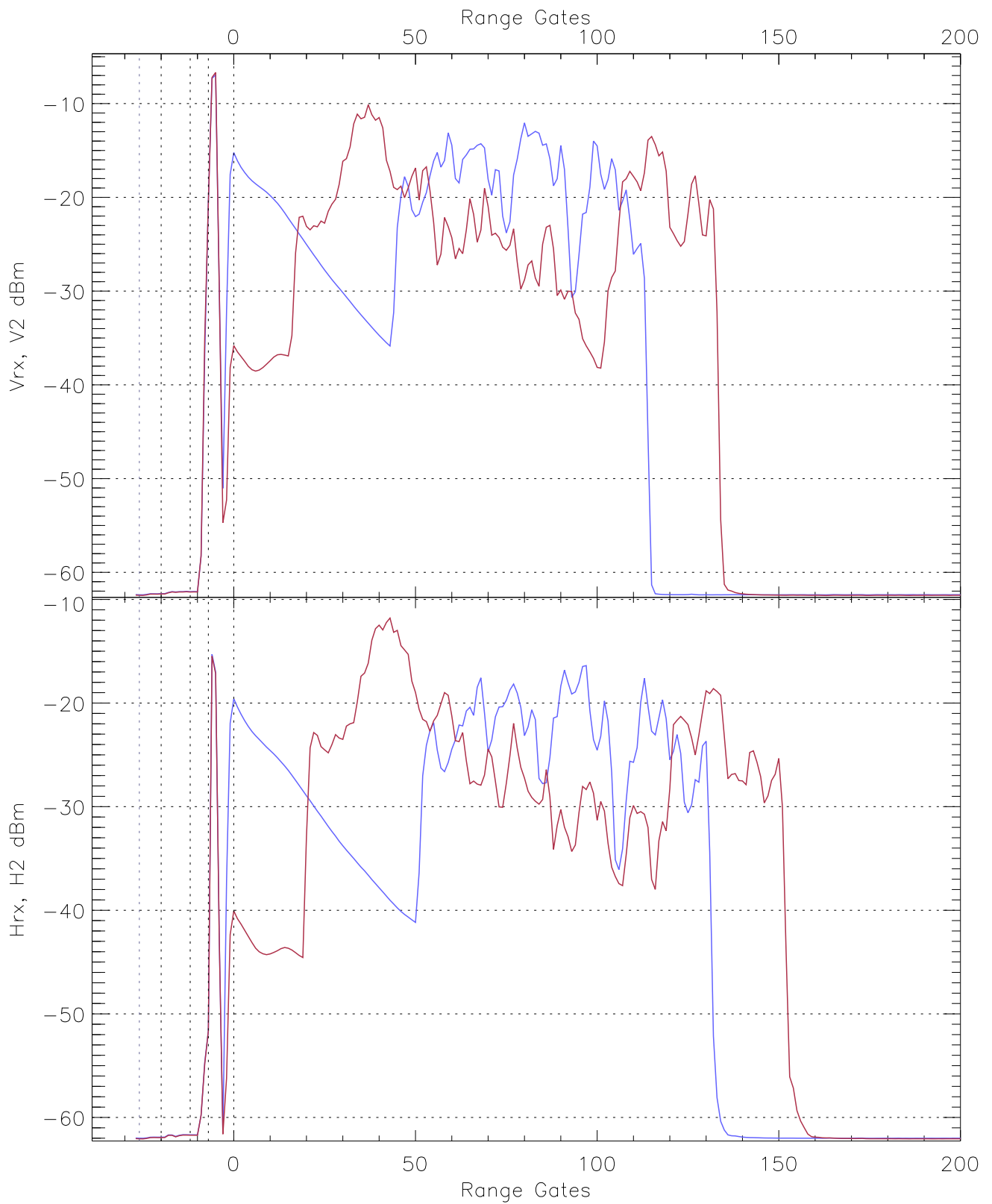
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Vrx, V2(RM [dBm])	-63.21	-61.58	-62.42	-62.43	-75.72
Hrx, H2(RM [dBm])	-62.87	-61.22	-62.03	-62.04	-75.37



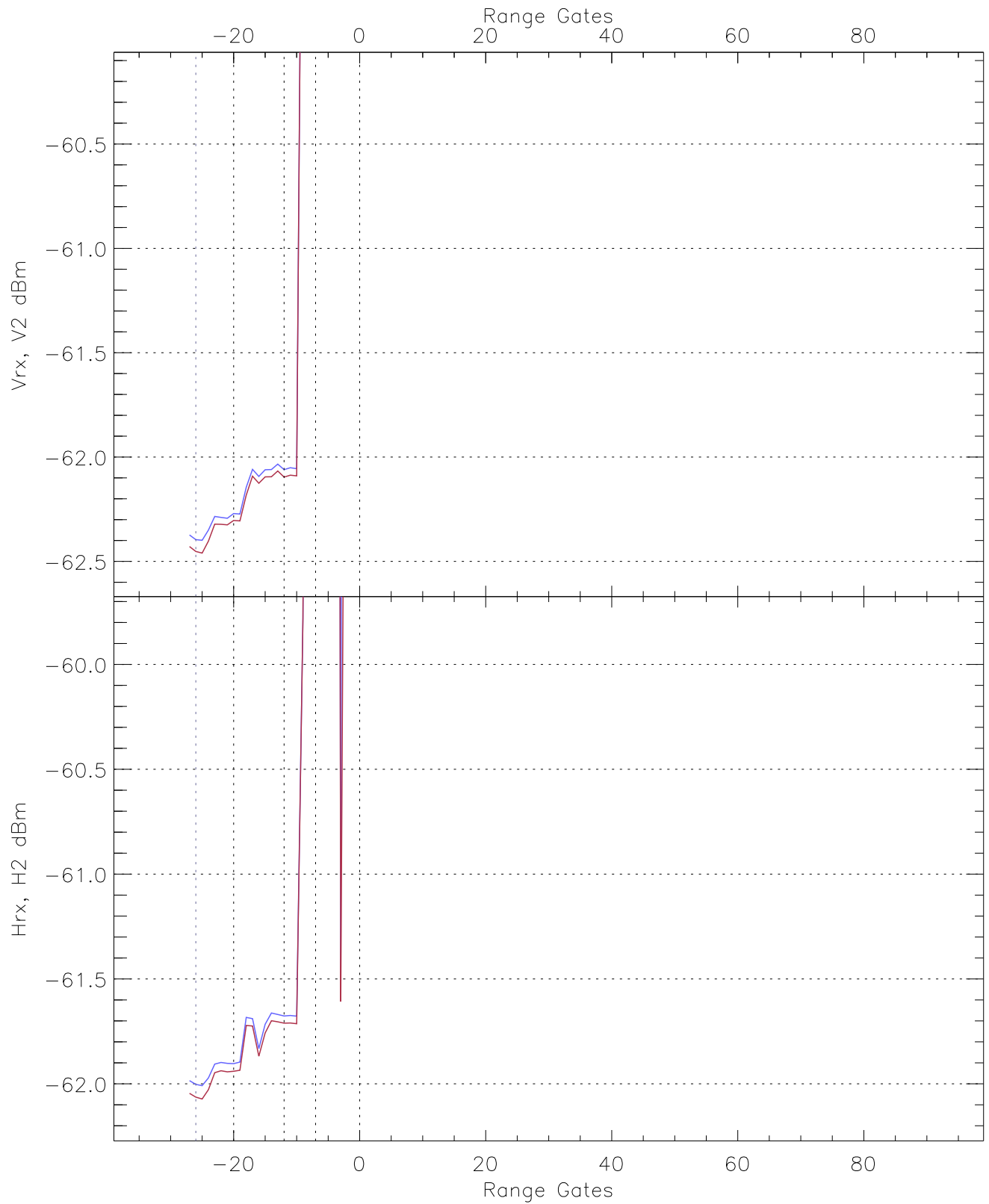
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
V2RG163_0 [dBm]	-63.41	-61.70	-62.44	-62.44	-75.75
H2RG175_0 [dBm]	-62.94	-61.15	-62.04	-62.04	-75.32

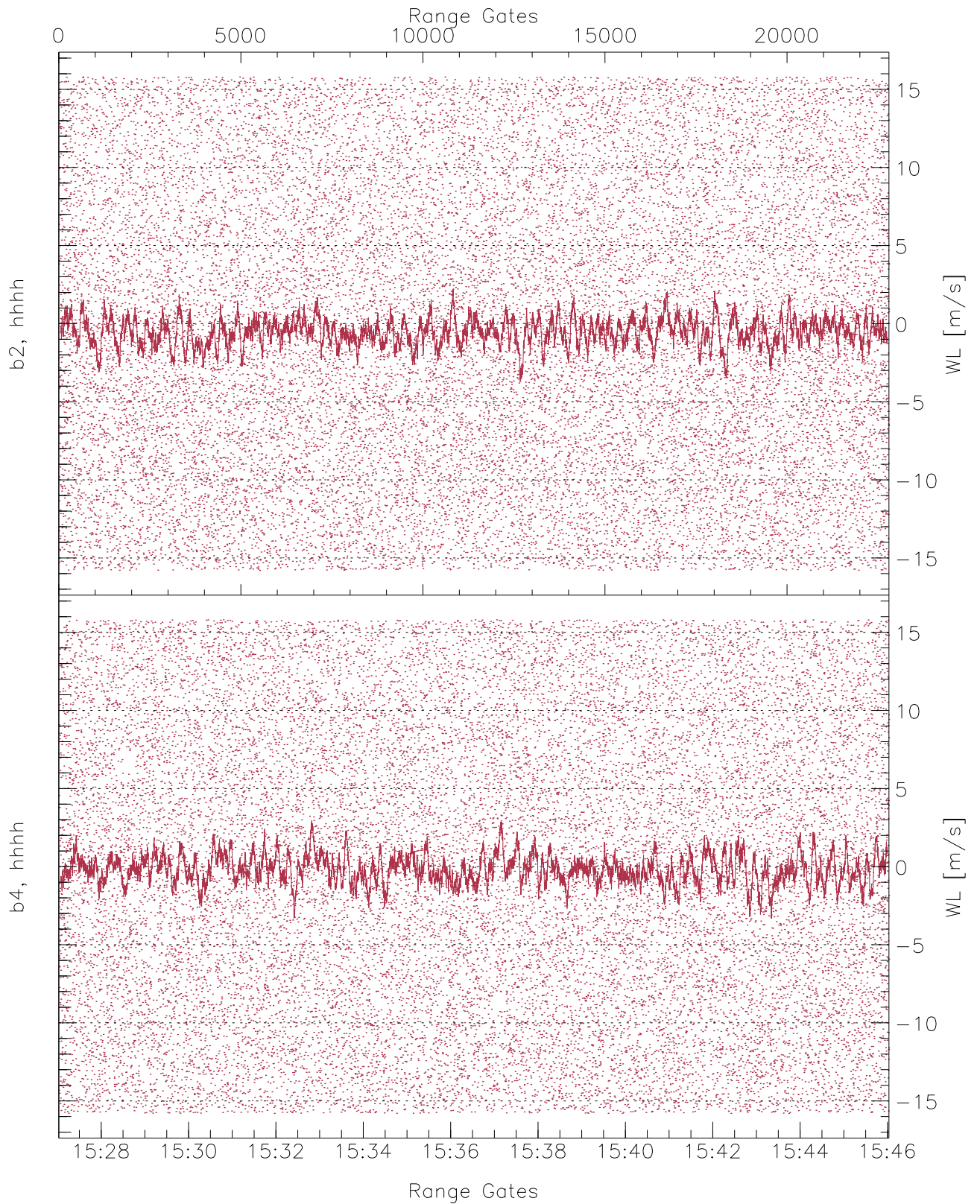


WCR2 CPP Averaged Received power for all recorded gates  
blue: 152702-153632, 11401 profiles averaged  
red: 153632-154602, 11400 profiles averaged

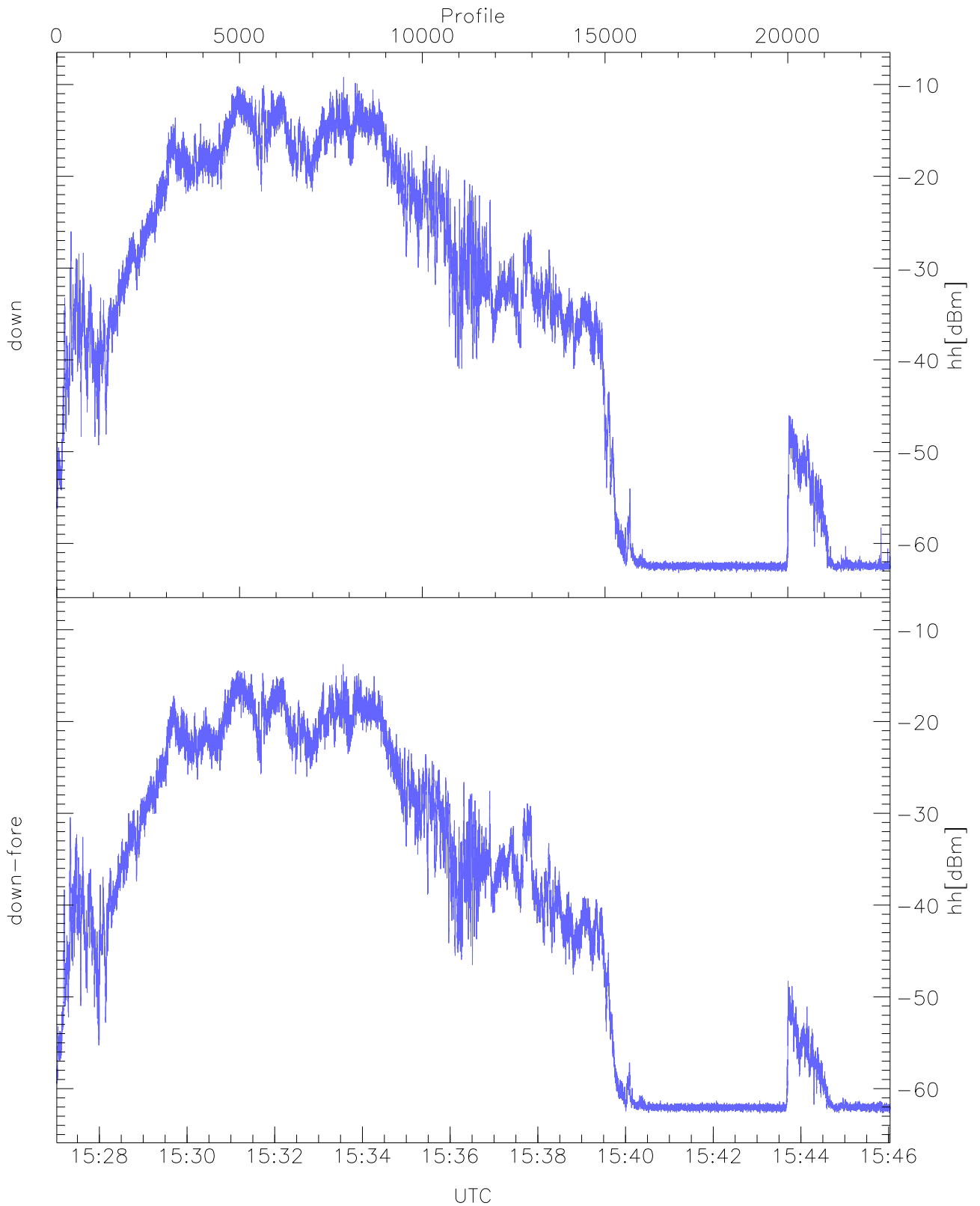




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 152702-153632, 11401 profiles averaged  
red: 153632-154602, 11400 profiles averaged

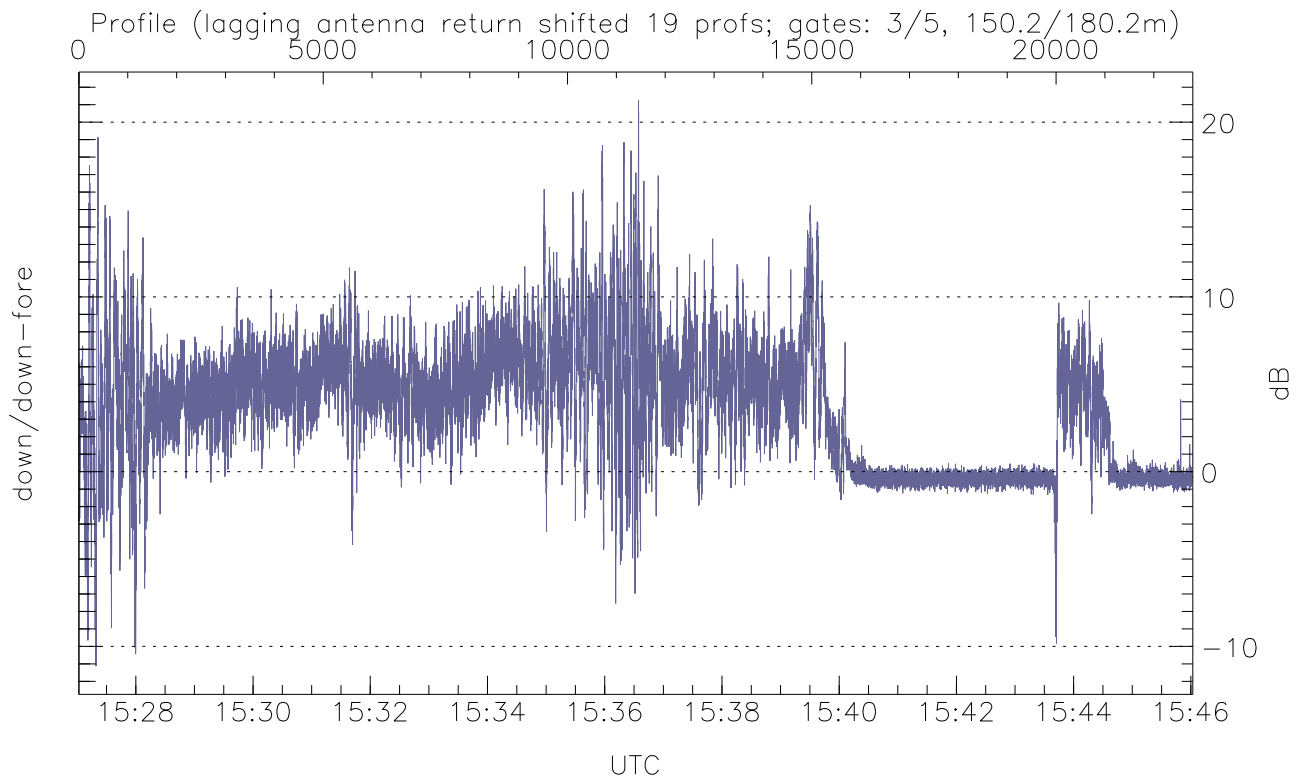


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



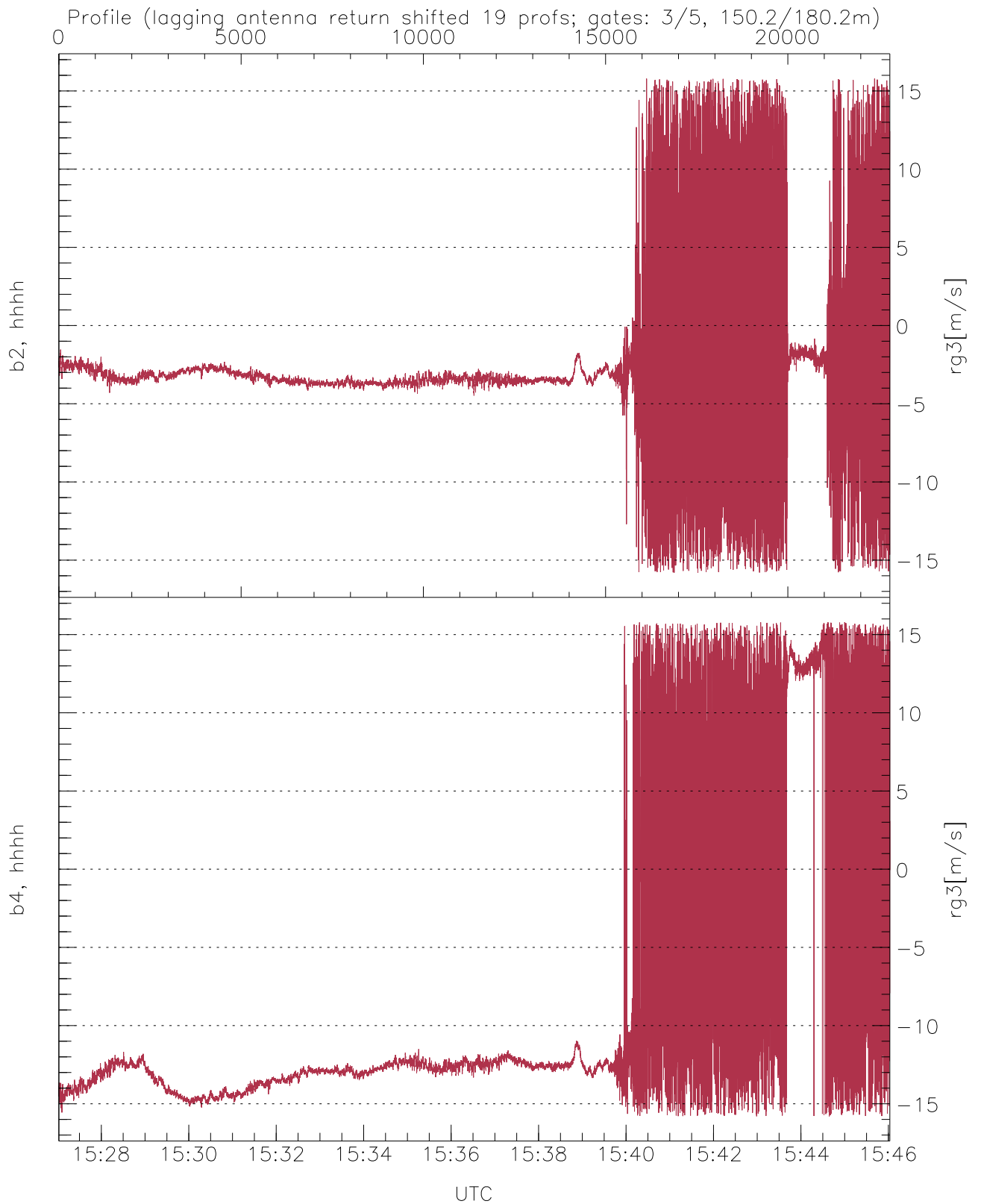
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
down(hh[dBm])	-63.20	-9.20	-20.32
down-fore(hh[dBm])	-62.70	-13.75	-24.68



WCR2 Beam pairs Received Power Ratio(s); RangeGate: 3 (150 m)

	Min	Max	Mean
down/down-fore(dB)	-11.13	21.25	3.64



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b2, hhhh(rg3[m/s])	-15.80	15.79	-2.66	4.40
b4, hhhh(rg3[m/s])	-15.80	15.80	-8.41	8.97