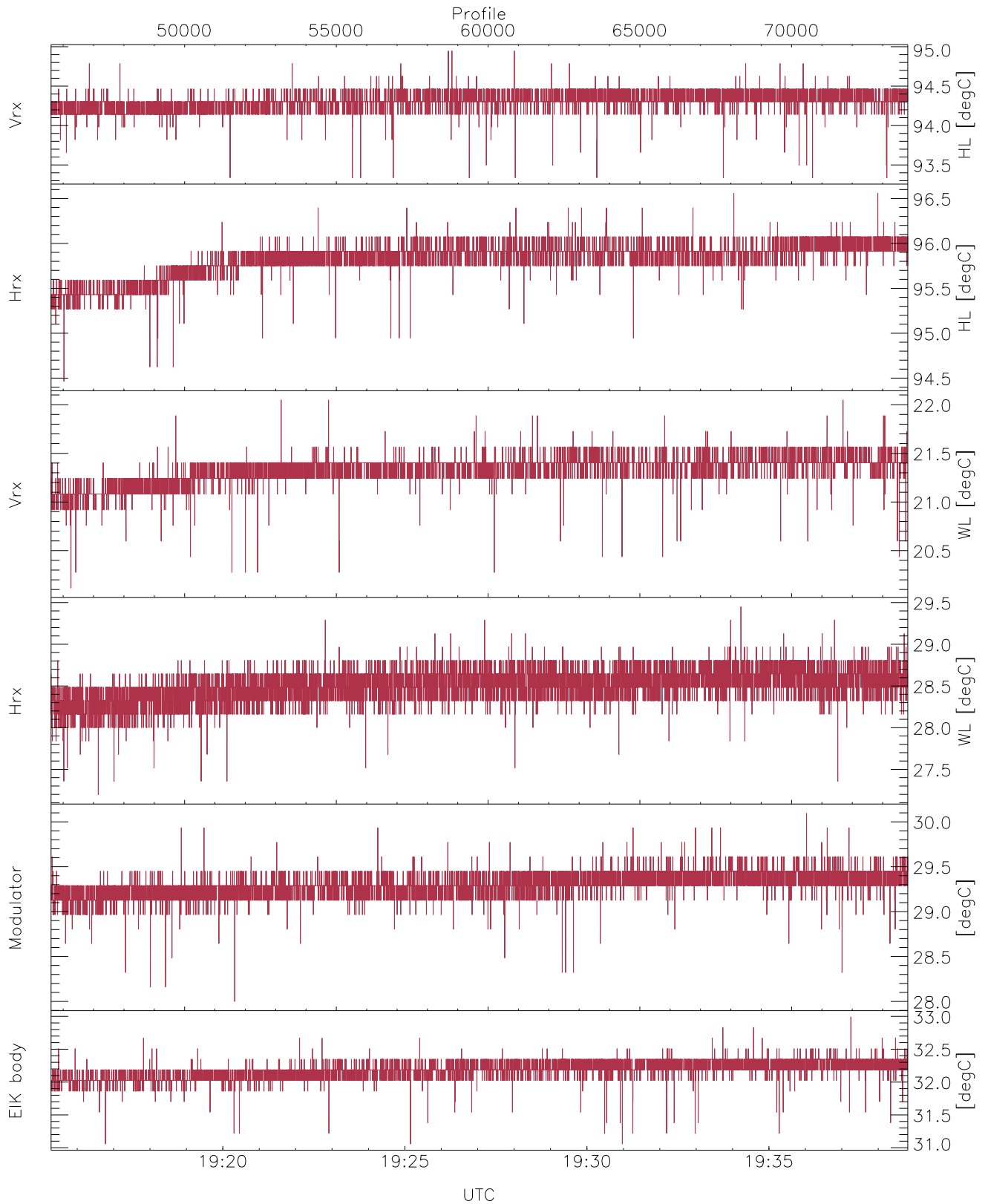


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

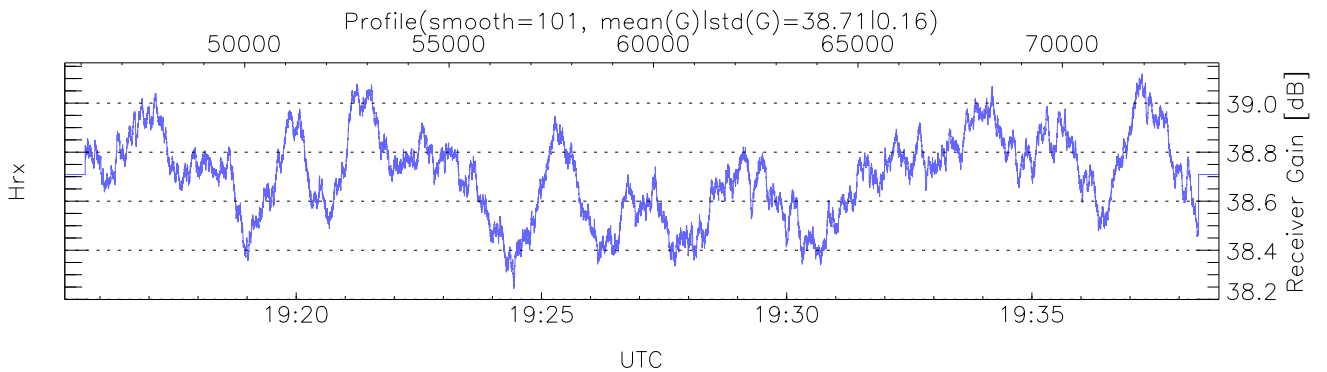
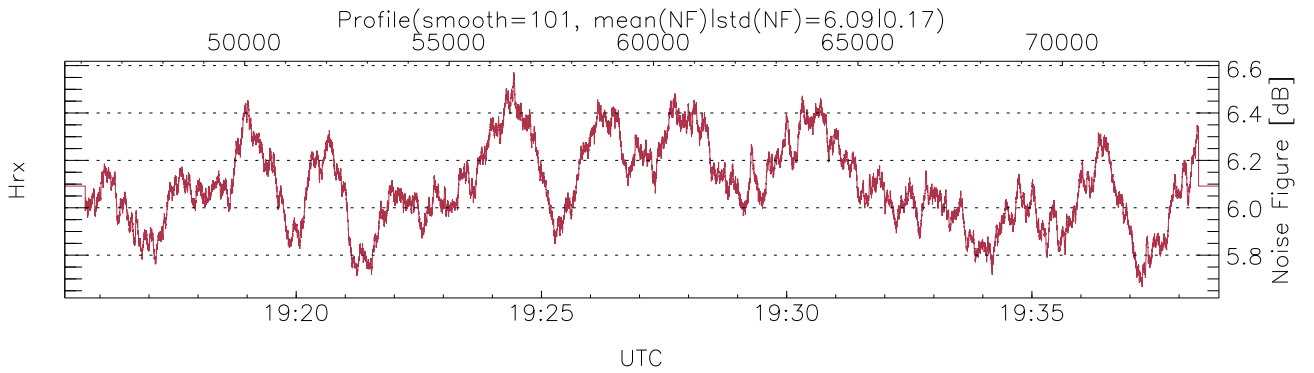
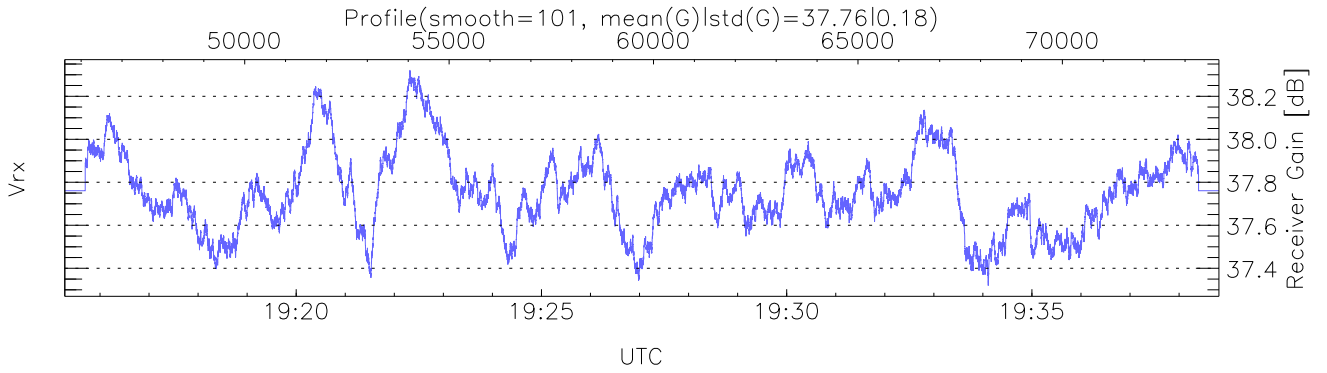
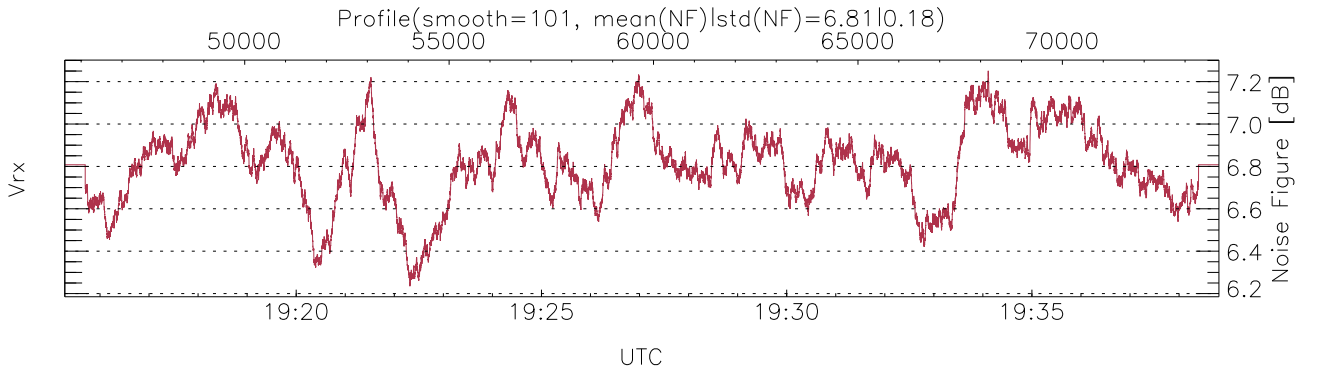
UTC: 18:37:16-19:38:49, Dur: 3692.42s  
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant  
 TimeInt/PPS(min,max,mn,std): 50.0,50.0,50.0,0.0 ms / 20,20,20  
 NumRec(r/t): 28231/73831, 45600-73830/19:15:17-19:38:49  
 AcqTime: 50.0ms, Rate: 113KB/s, Averages: 250  
 Pulse: 200ns, IFF: 5.0MHz, Tx: V2 V2 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

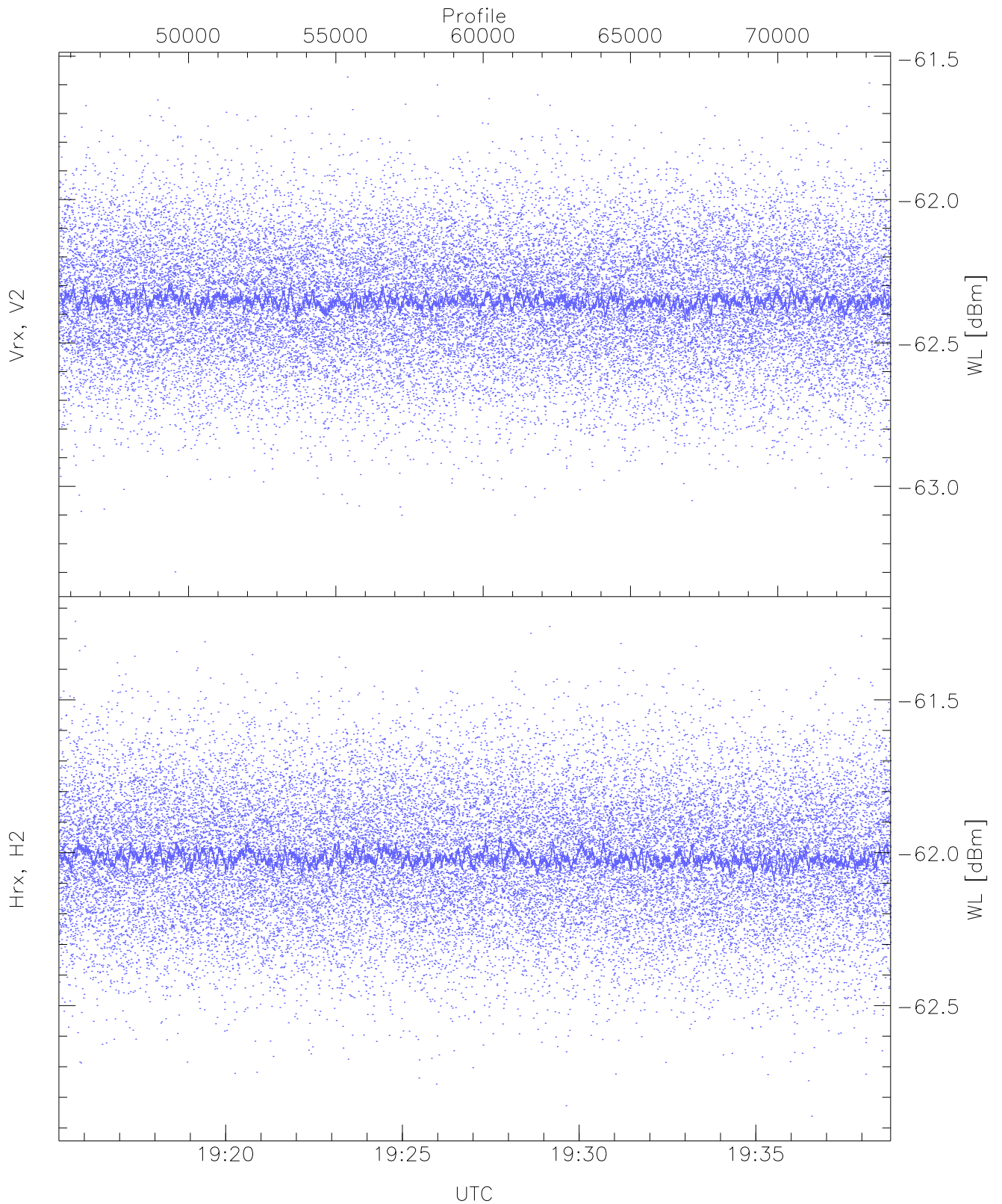
```

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,20,27,28,31
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,22,29,30,32
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
  DeckT, CollT, BodyCurr, DeckF, OverDuty, HVPS (16,16,16,16,16,11)
    
```



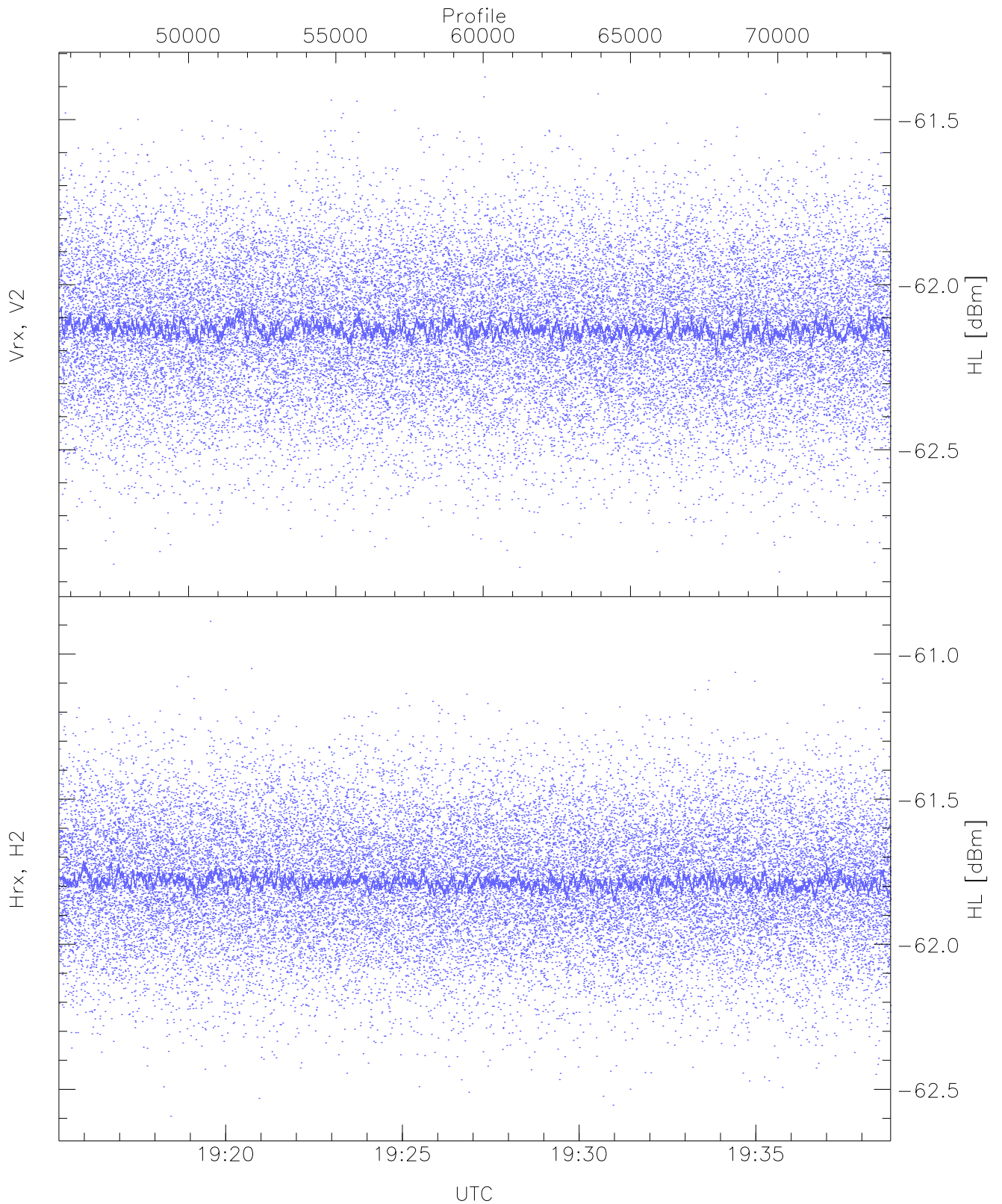
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 8337 pixs, 77 gates, 7314 profs, 2 prods



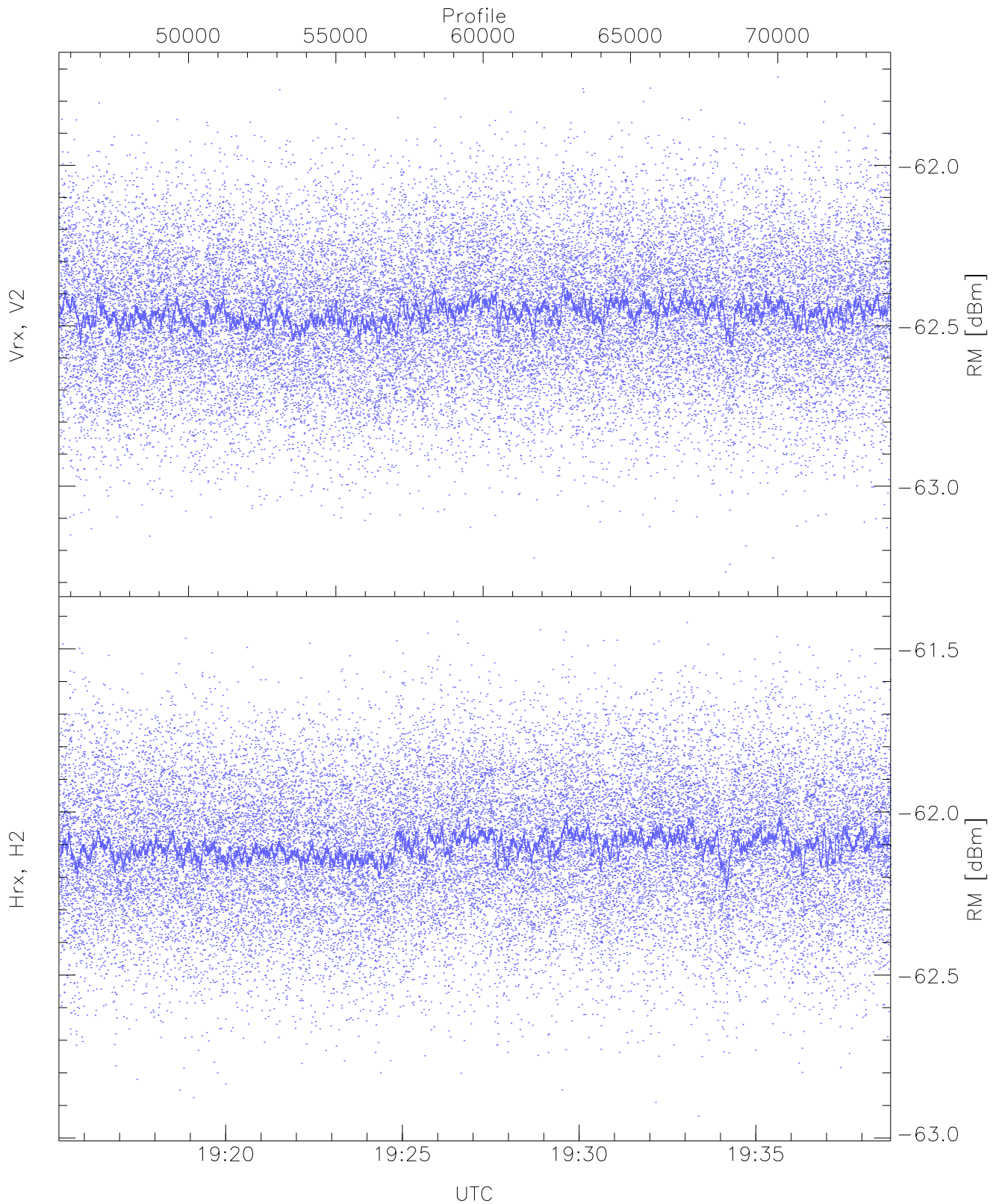
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Vrx, V2(WL [dBm])	-63.30	-61.57	-62.35	-62.35	-75.75
Hrx, H2(WL [dBm])	-62.86	-61.24	-62.01	-62.02	-75.44



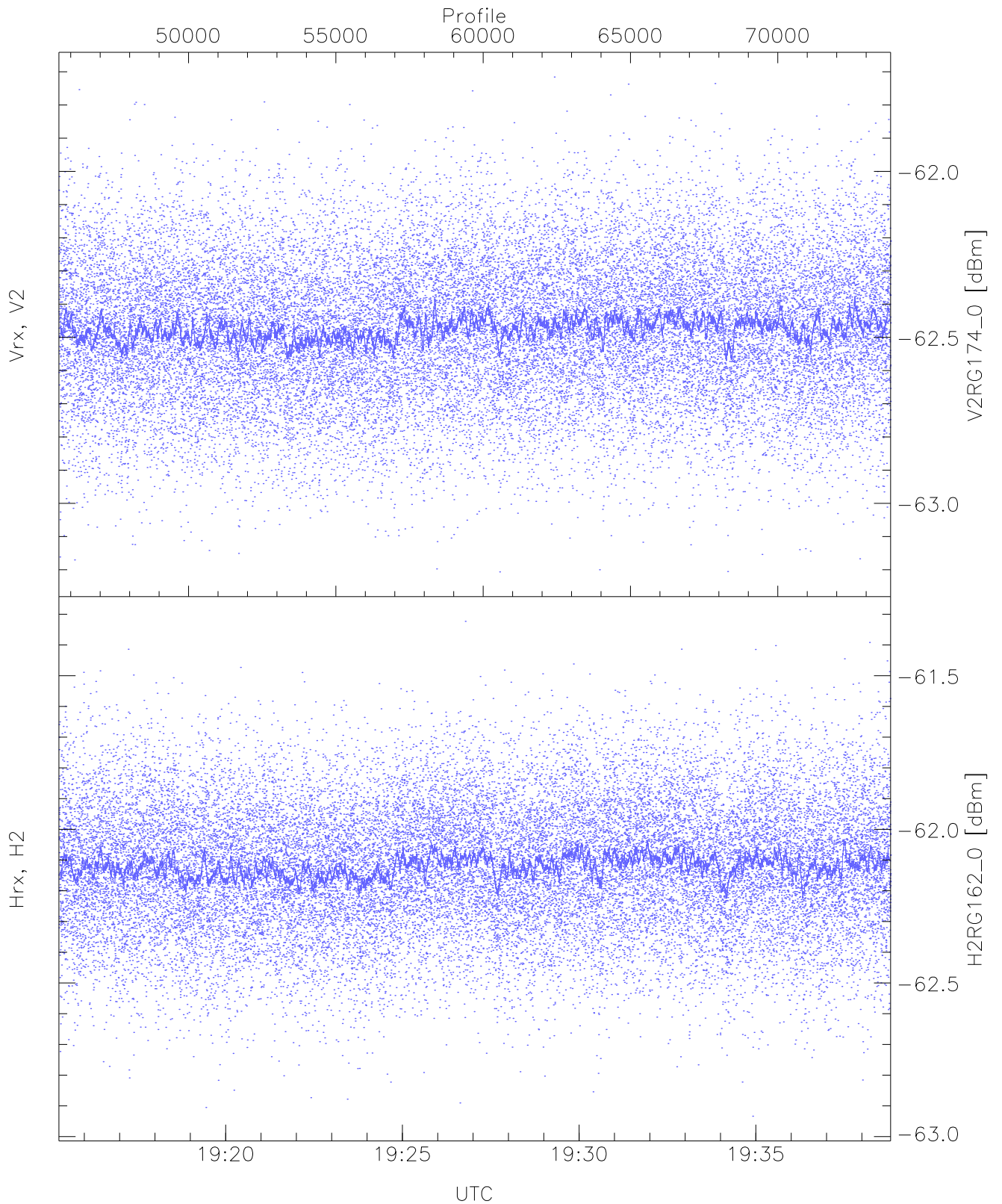
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Vrx, V2(HL [dBm])	-62.87	-61.37	-62.13	-62.13	-75.59
Hrx, H2(HL [dBm])	-62.59	-60.89	-61.78	-61.79	-75.19



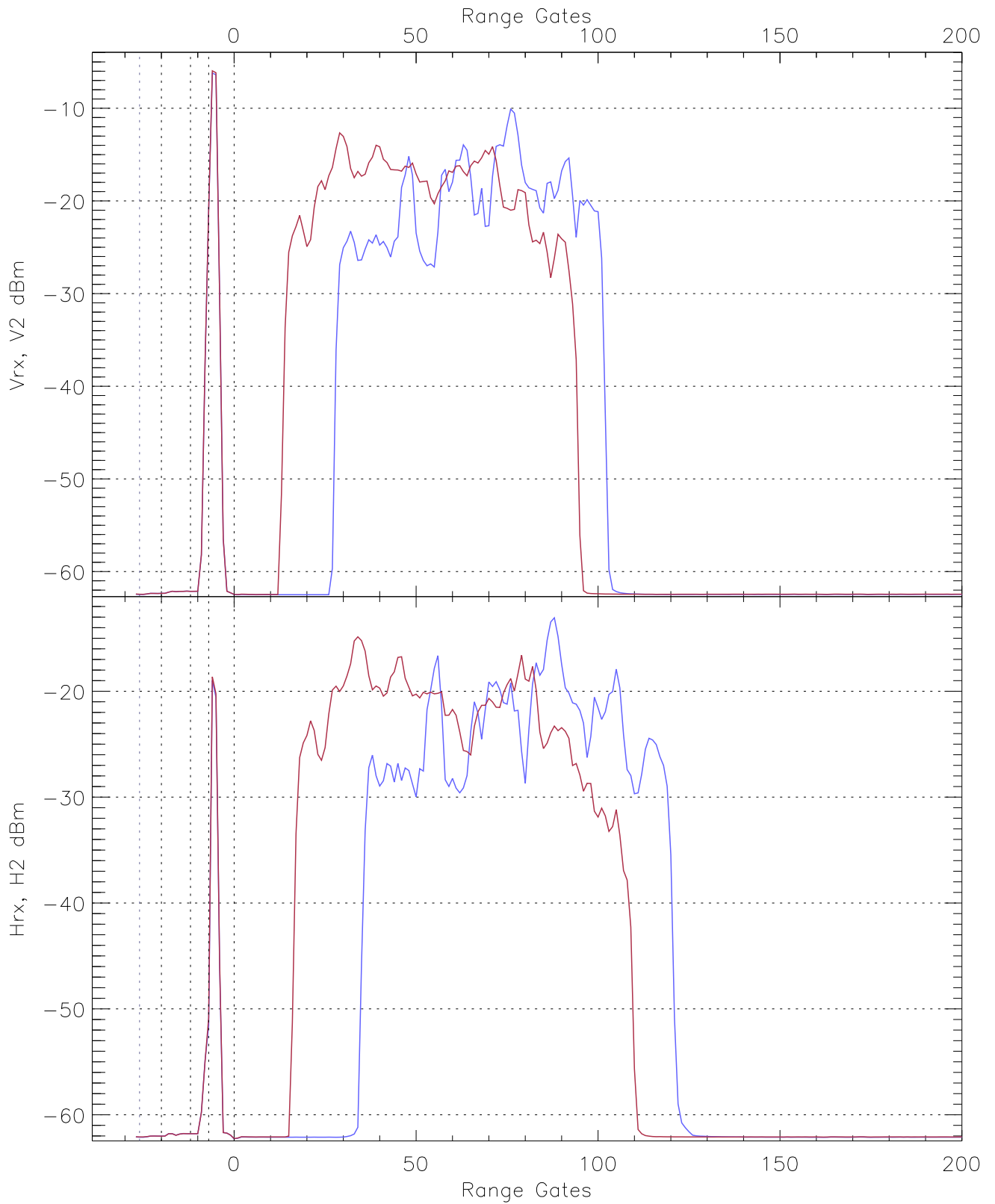
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Vrx, V2(RM [dBm])	-63.27	-61.72	-62.46	-62.46	-75.84
Hrx, H2(RM [dBm])	-62.93	-61.42	-62.10	-62.11	-75.49



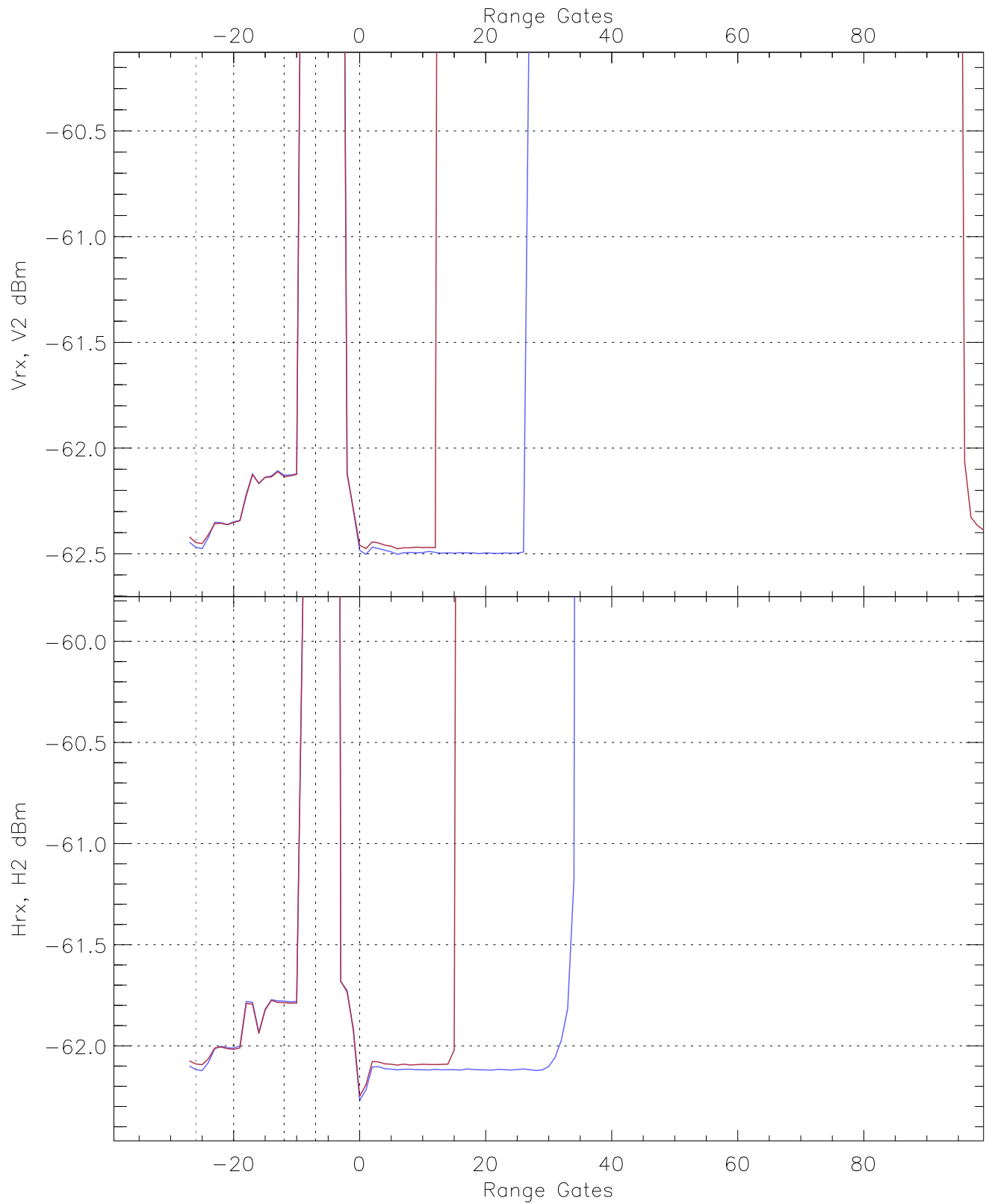
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
V2RG174_0 [dBm]	-63.21	-61.72	-62.47	-62.48	-75.82
H2RG162_0 [dBm]	-62.93	-61.32	-62.12	-62.12	-75.51

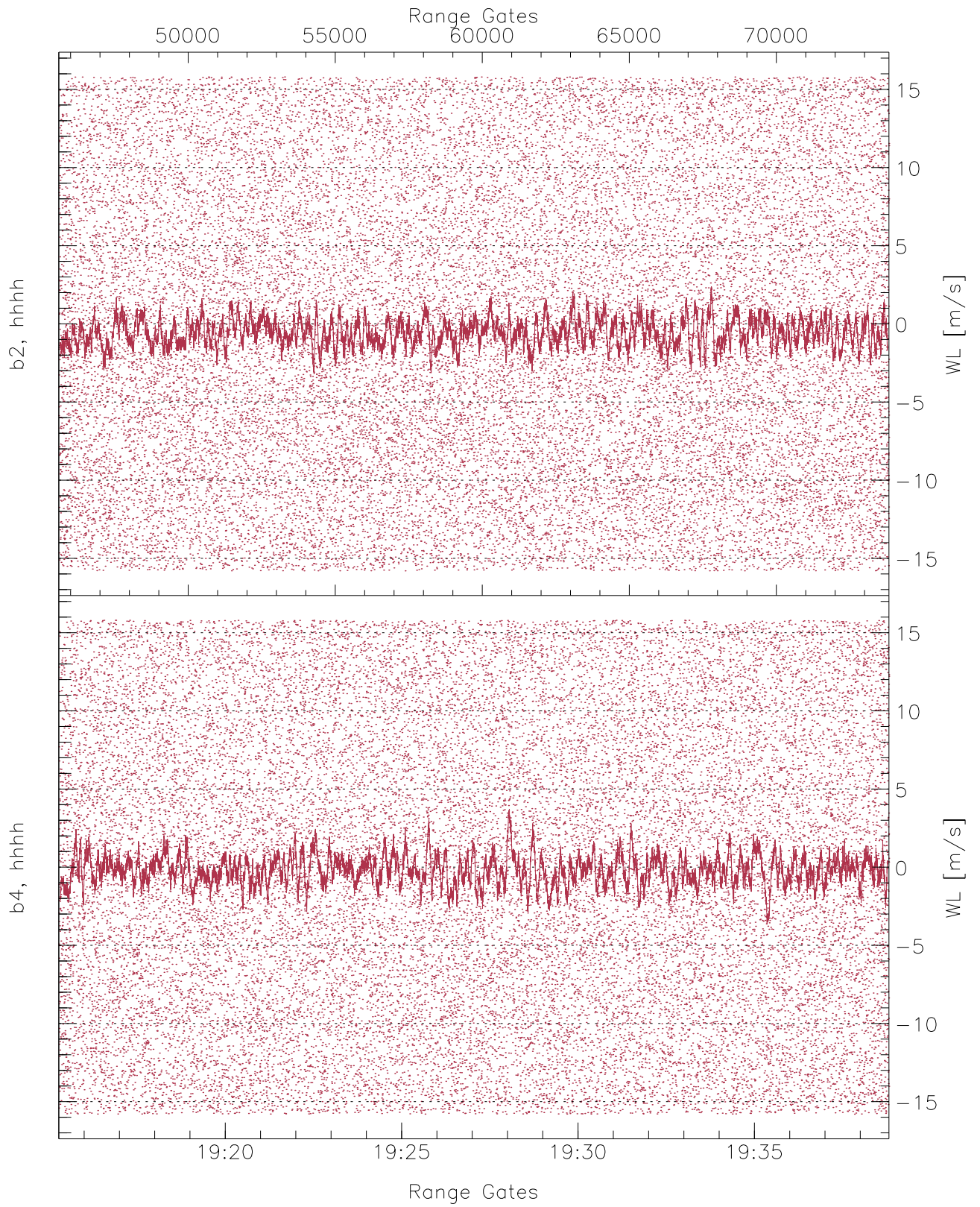


WCR2 CPP Averaged Received power for all recorded gates  
blue: 191517-192703, 14116 profiles averaged  
red: 192703-193849, 14116 profiles averaged

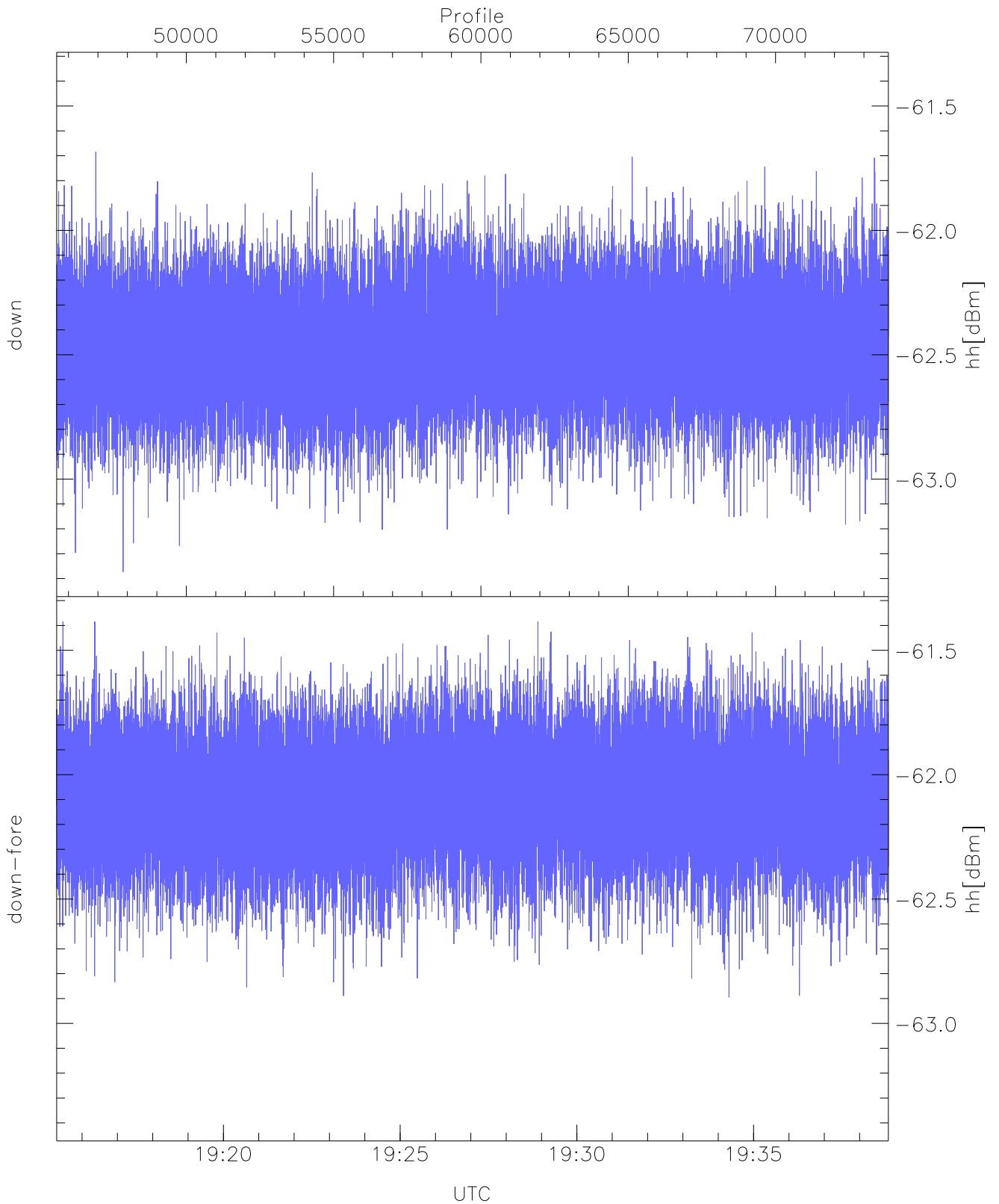




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 191517-192703, 14116 profiles averaged  
red: 192703-193849, 14116 profiles averaged

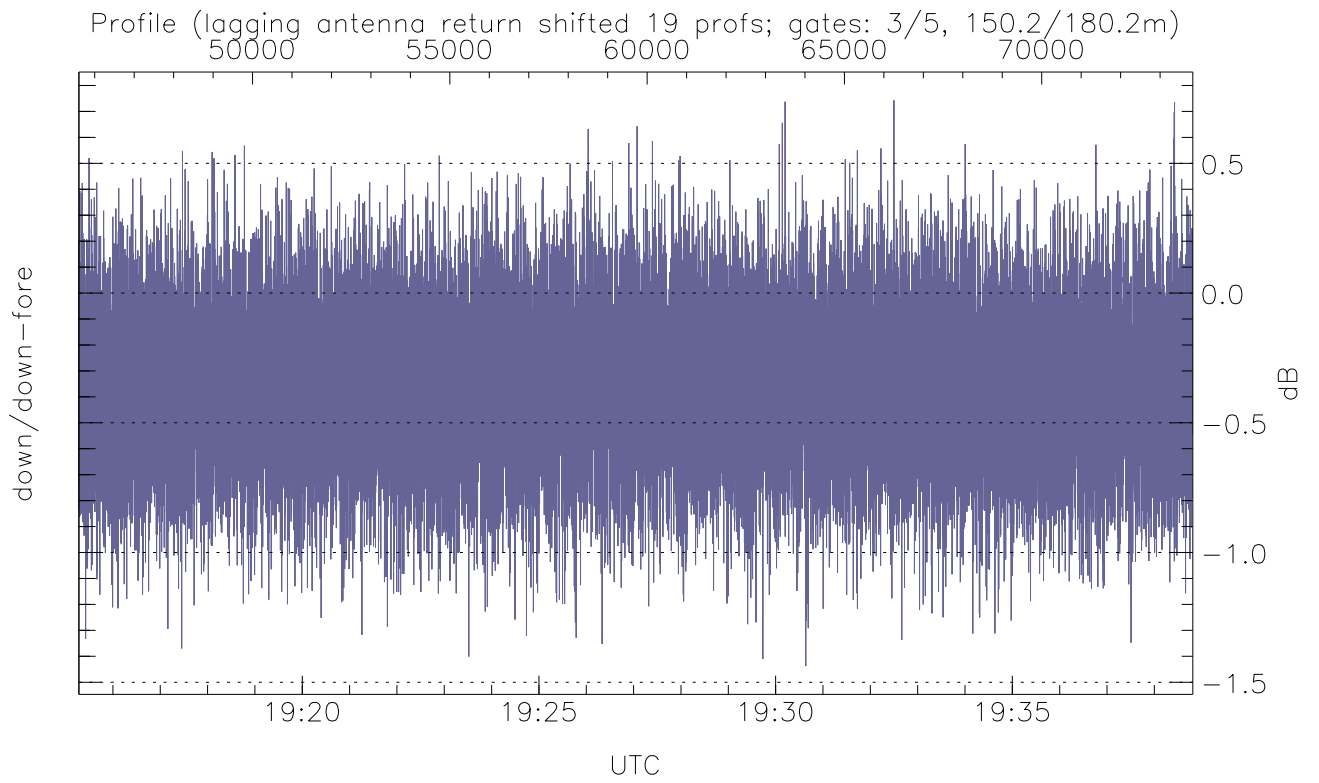


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



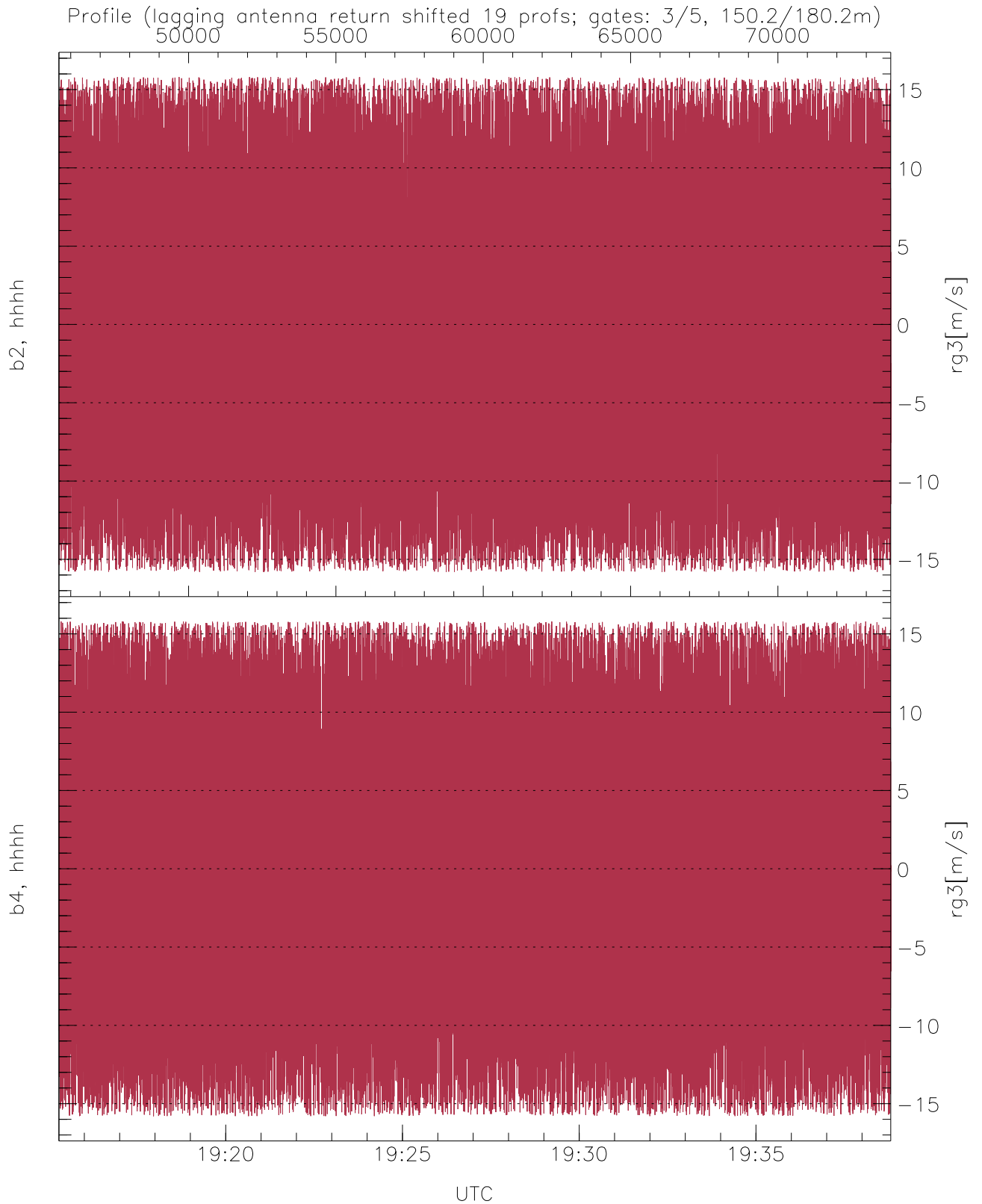
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
down(hh[dBm])	-63.37	-61.68	-62.46
down-fore(hh[dBm])	-62.90	-61.38	-62.09



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

	Min	Max	Mean
down/down-fore(dB)	-1.44	0.74	-0.36



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b2, hhhh(rg3[m/s])	-15.80	15.80	-0.58	8.86
b4, hhhh(rg3[m/s])	-15.80	15.80	-0.18	9.04