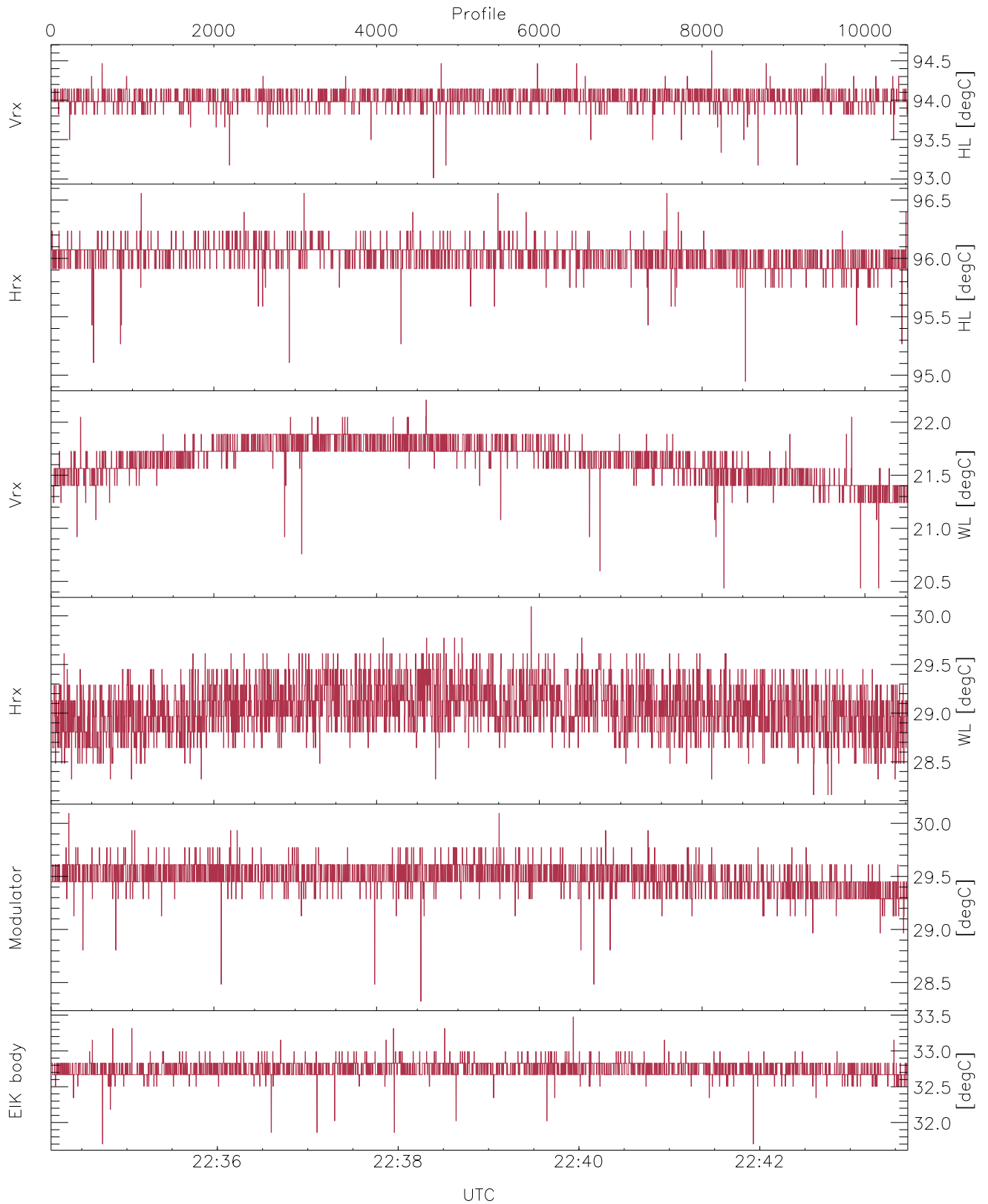


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

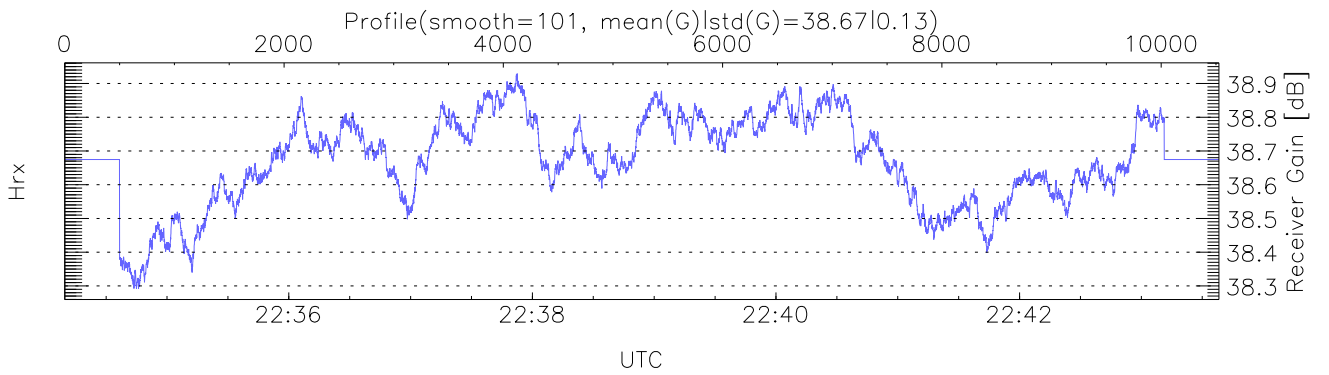
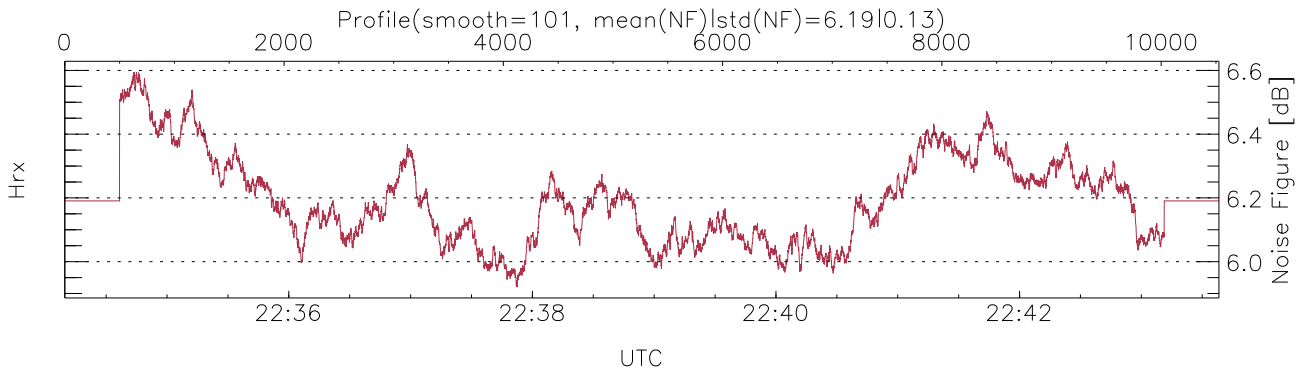
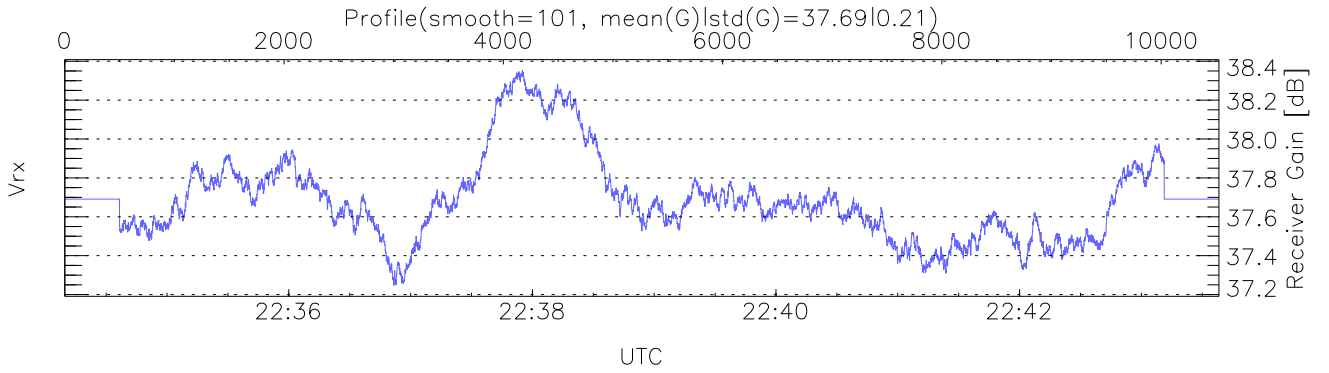
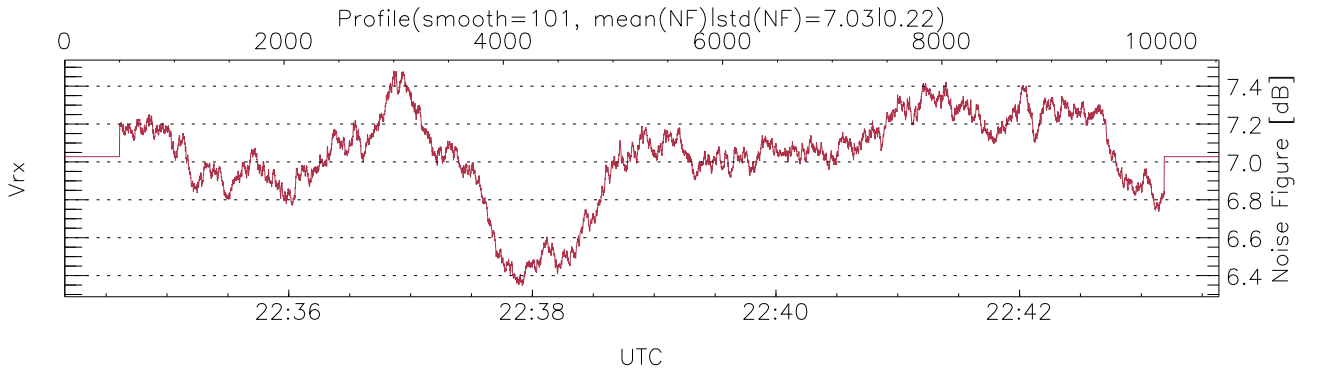
UTC: 22:34:10-22:43:38, Dur: 568.60s  
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant  
 TimeInt/PPS(min,max,mn,std): 54.0,54.0,54.0,0.0 ms / 19,19,19  
 NumRec(r/t): 10528/10528, 0-10527/22:34:10-22:43:38  
 AcqTime: 54.0ms, Rate: 287KB/s, Averages: 180  
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2  
 PRF: 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us  
 Range(min,max,rqs): 105,6037,15.0 m, Gates: 396, Aspect: 3.1  
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



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

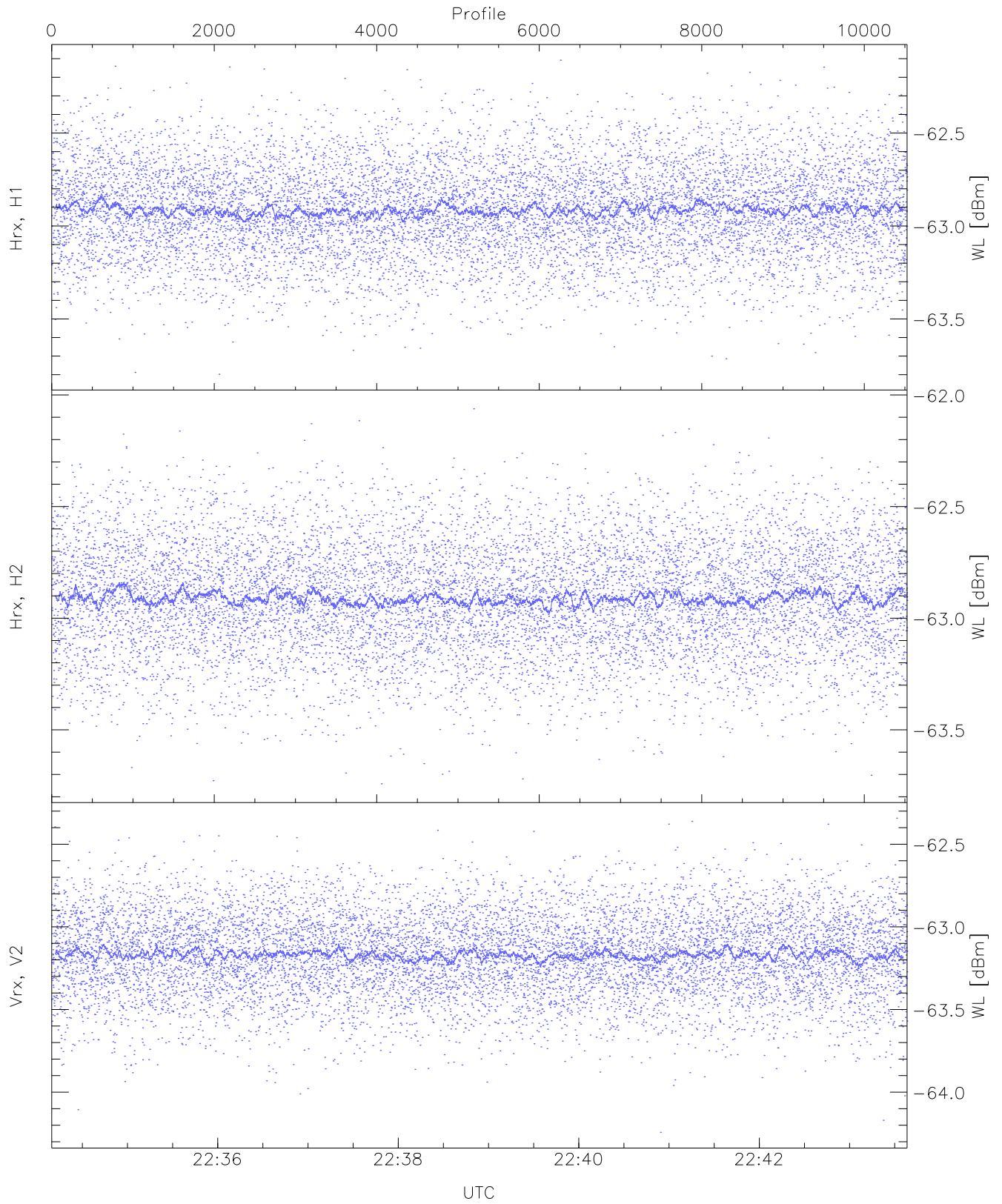
```

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,20,28,28,31
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,22,30,30,33
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
  DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (5,5,9,9,5)
    
```



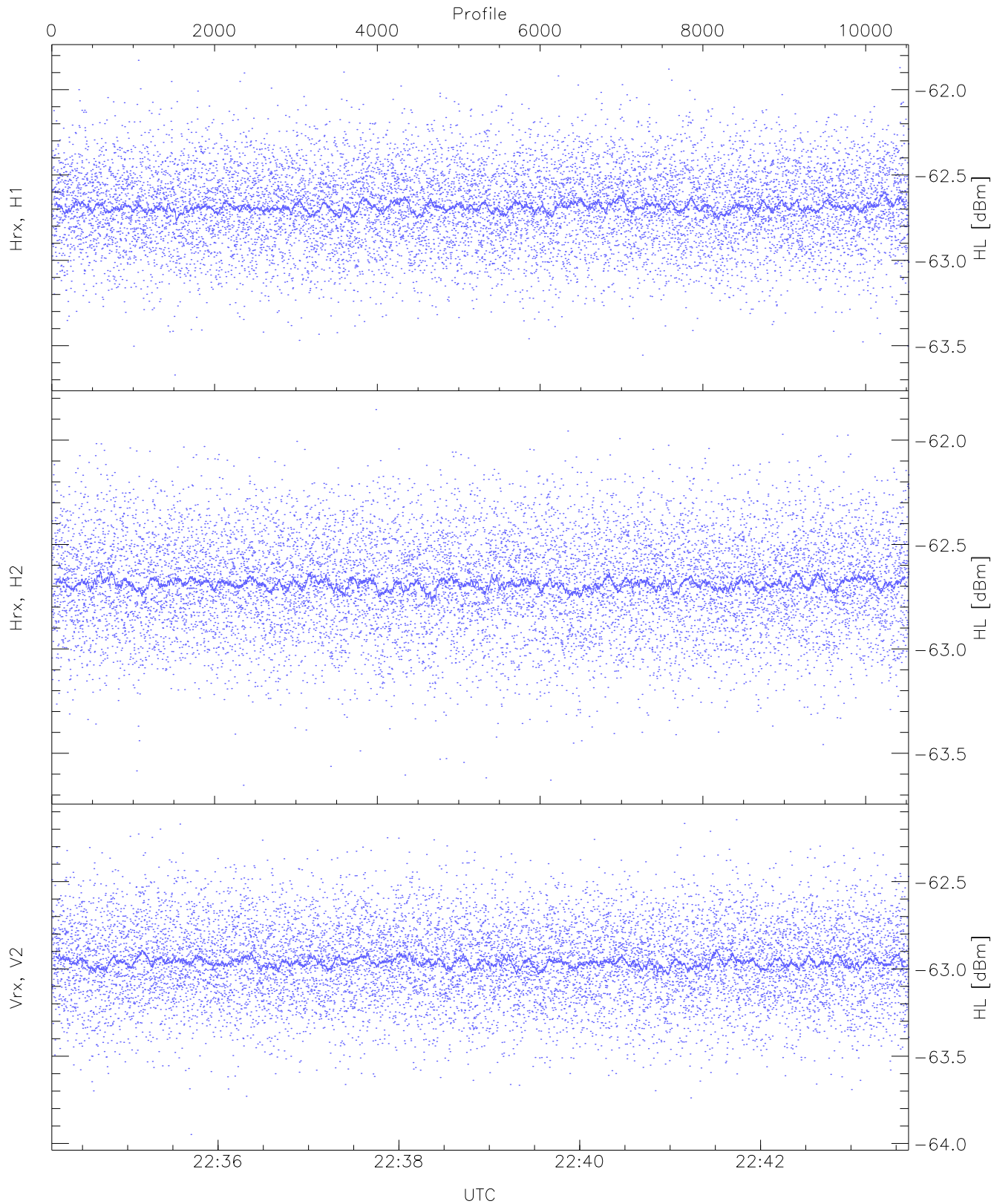
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 20 pixs, 4 gates, 20 profs, 1 prods



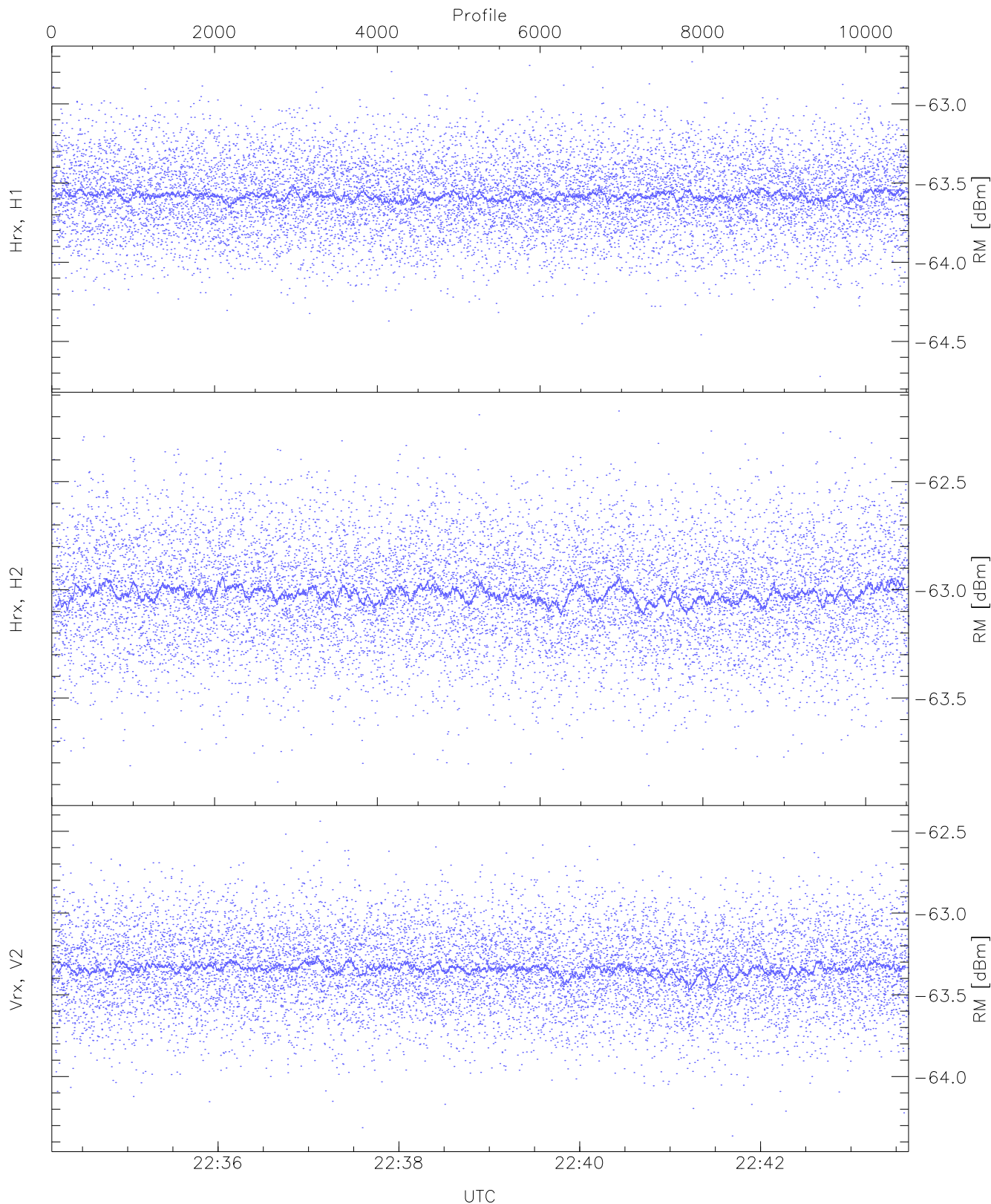
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-63.80	-62.11	-62.91	-62.92	-75.61
Hrx, H2 (WL [dBm])	-63.74	-62.06	-62.91	-62.91	-75.62
Vrx, V2 (WL [dBm])	-64.24	-62.34	-63.17	-63.17	-75.87



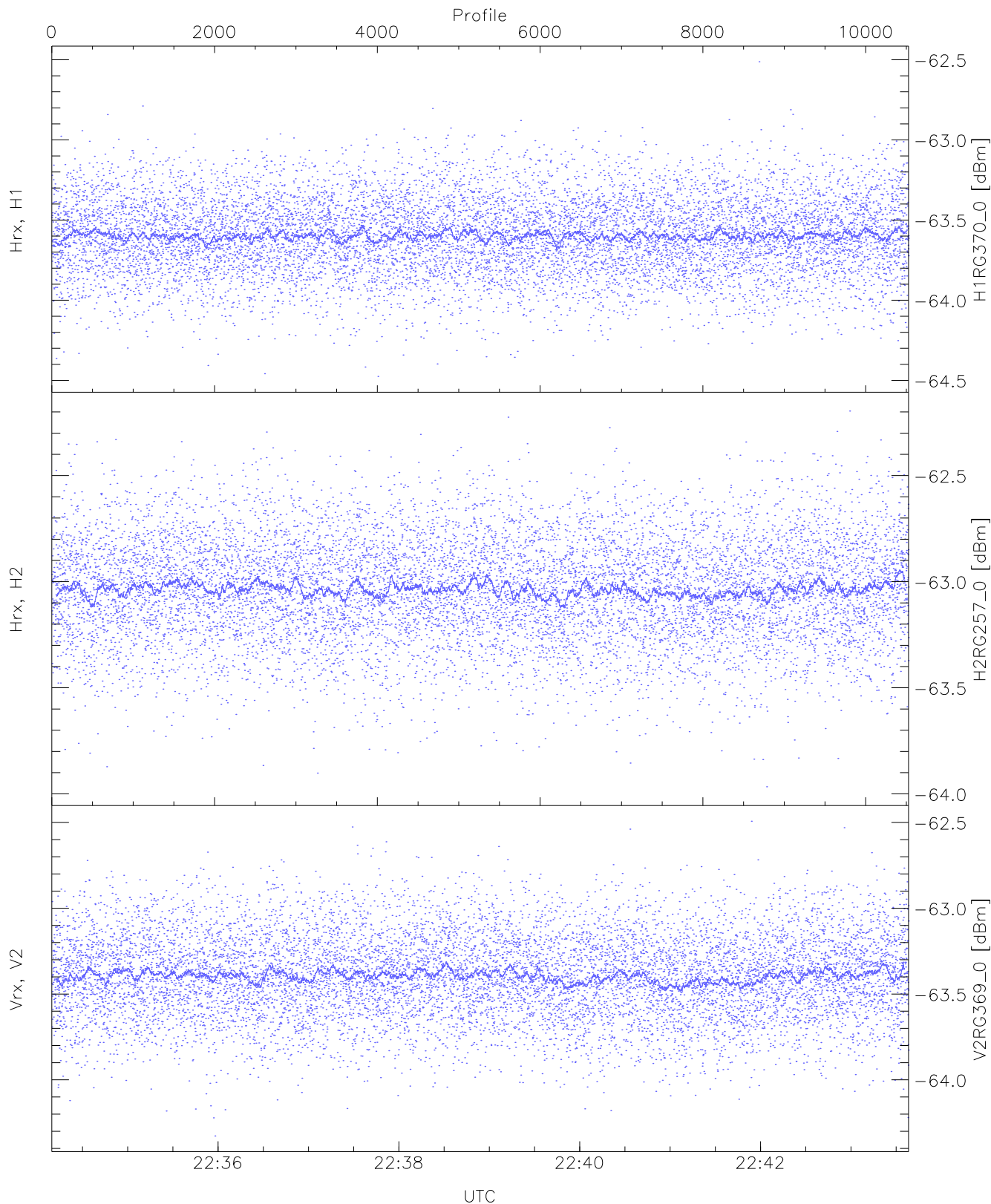
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.67	-61.83	-62.68	-62.68	-75.40
Hrx, H2 (HL [dBm])	-63.65	-61.85	-62.68	-62.69	-75.45
Vrx, V2 (HL [dBm])	-63.95	-62.15	-62.96	-62.96	-75.75



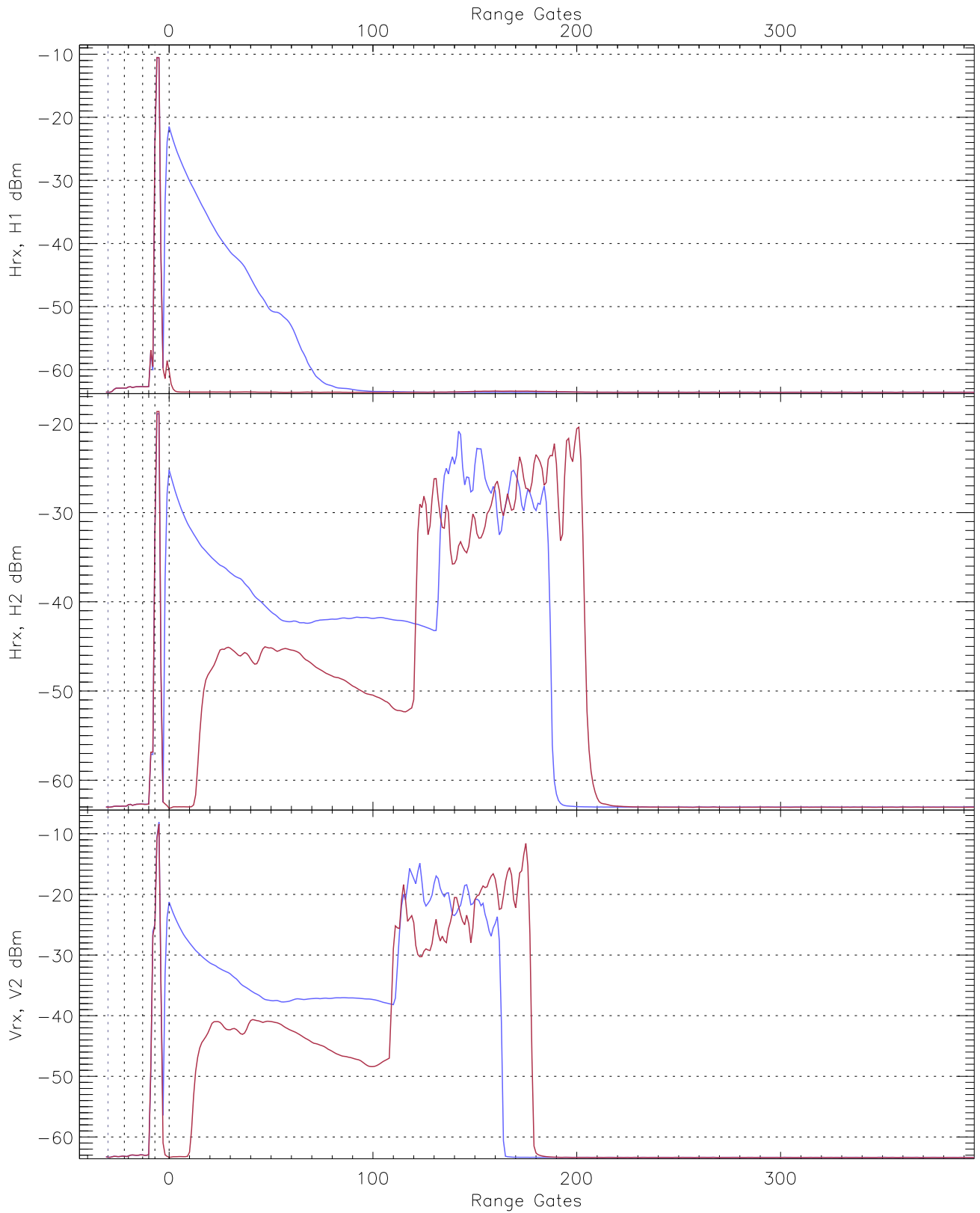
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-64.72	-62.73	-63.58	-63.58	-76.36
Hrx, H2(RM [dBm])	-63.91	-62.17	-63.02	-63.02	-75.73
Vrx, V2(RM [dBm])	-64.36	-62.44	-63.34	-63.34	-76.03



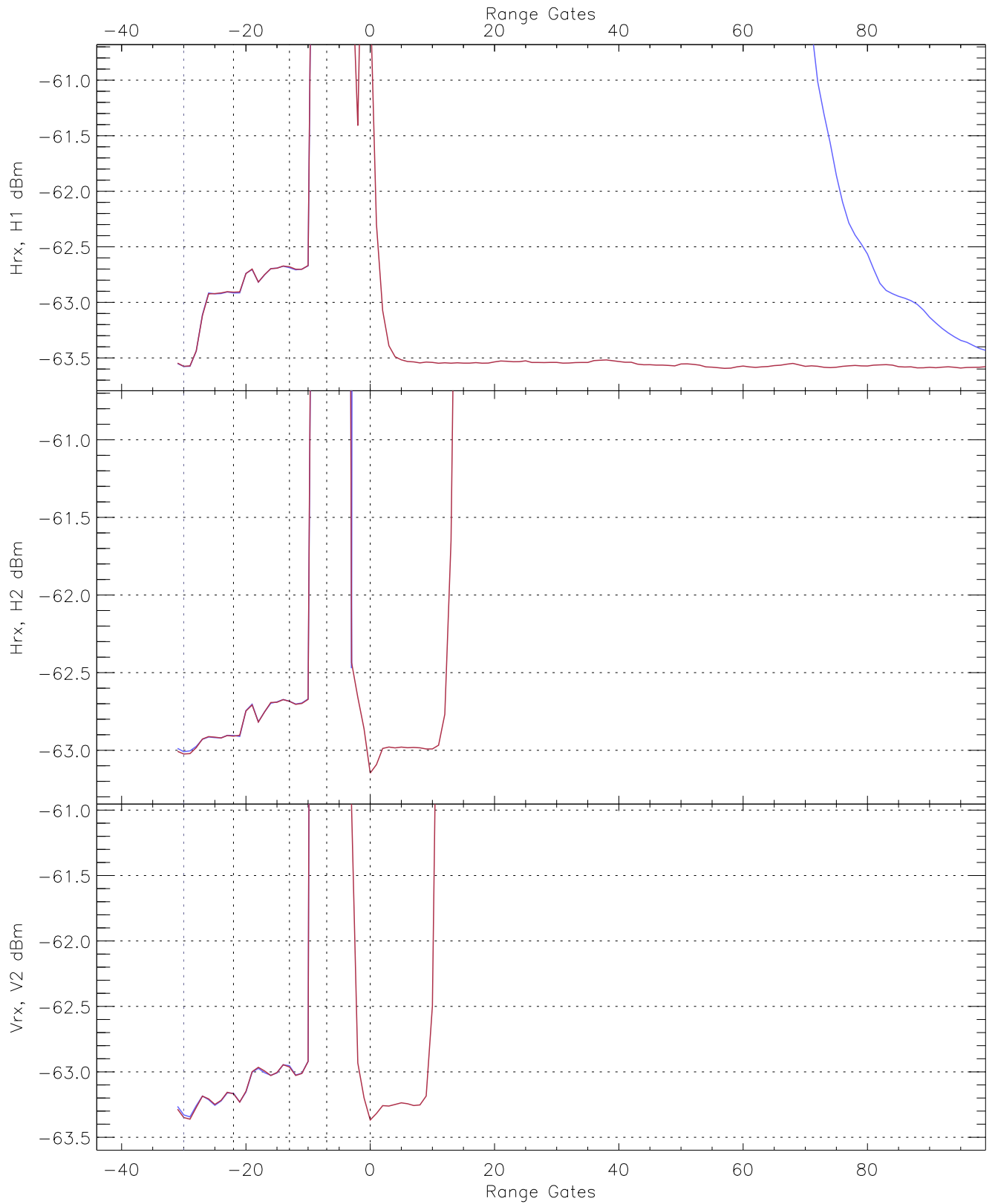
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG370_0 [dBm]	-64.48	-62.51	-63.59	-63.60	-76.34
H2RG257_0 [dBm]	-63.97	-62.20	-63.03	-63.04	-75.75
V2RG369_0 [dBm]	-64.33	-62.49	-63.39	-63.40	-76.04

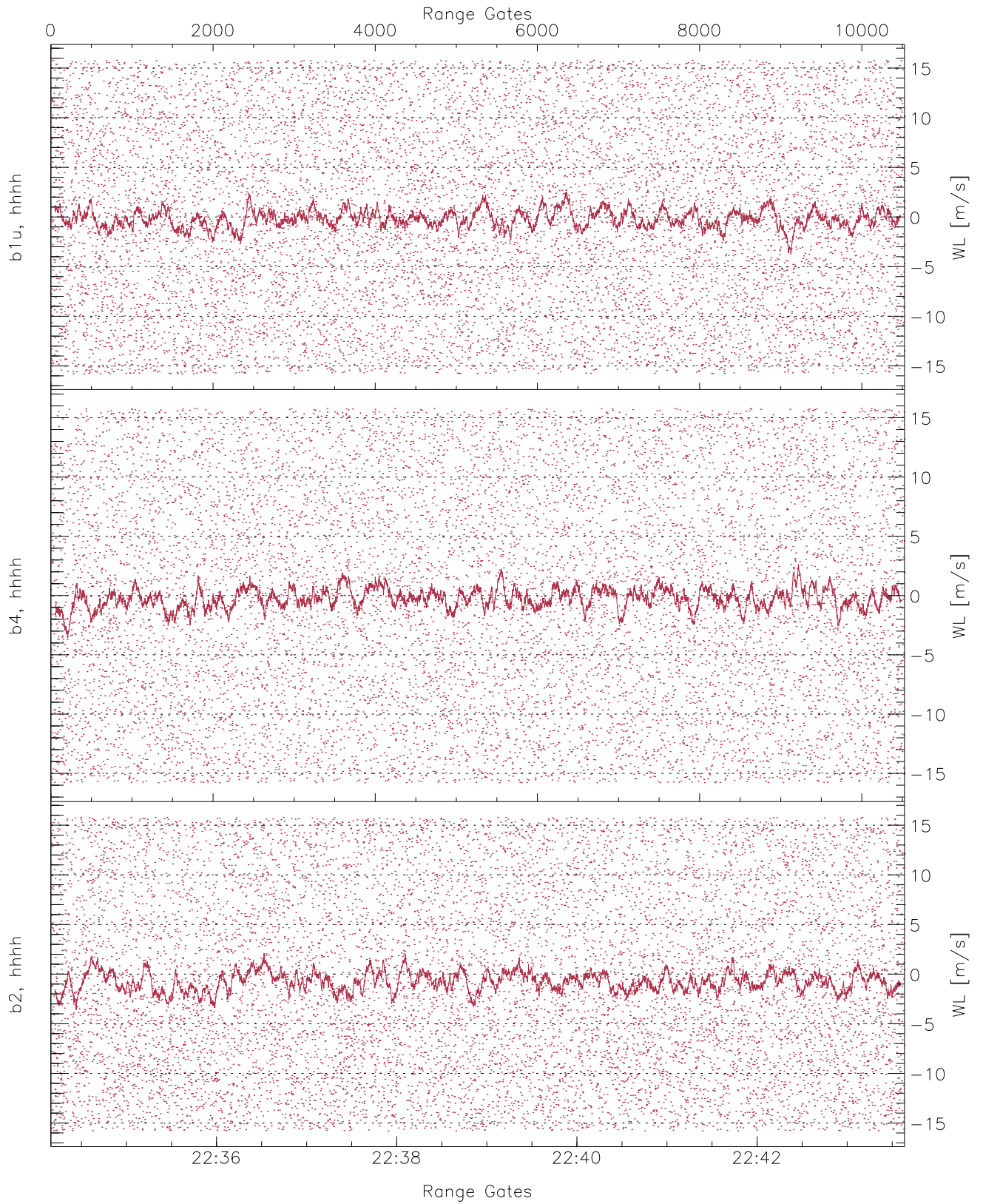


WCR2 CPP Averaged Received power for all recorded gates  
blue: 223410-223854, 5265 profiles averaged  
red: 223854-224338, 5264 profiles averaged

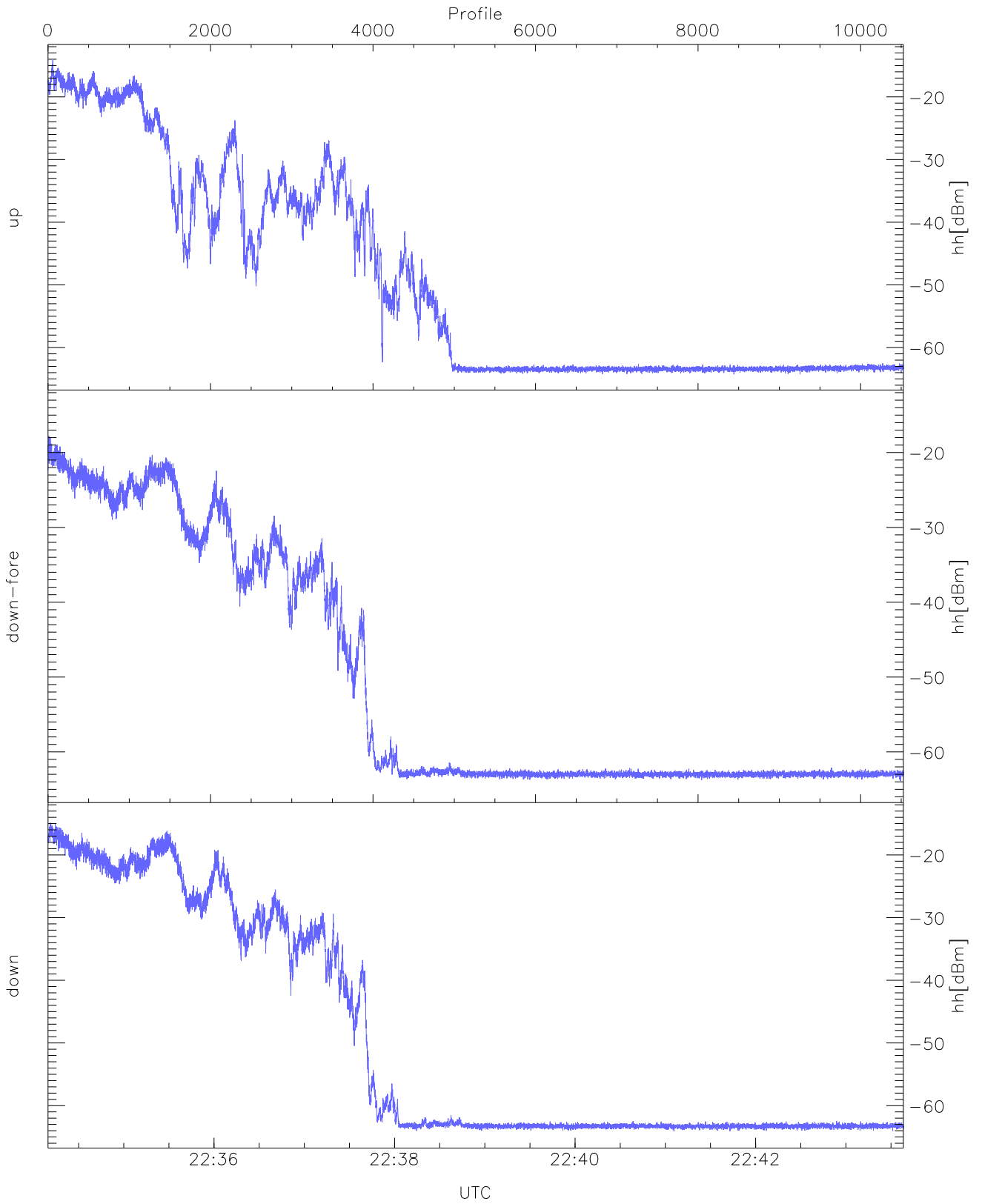




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 223410-223854, 5265 profiles averaged  
red: 223854-224338, 5264 profiles averaged

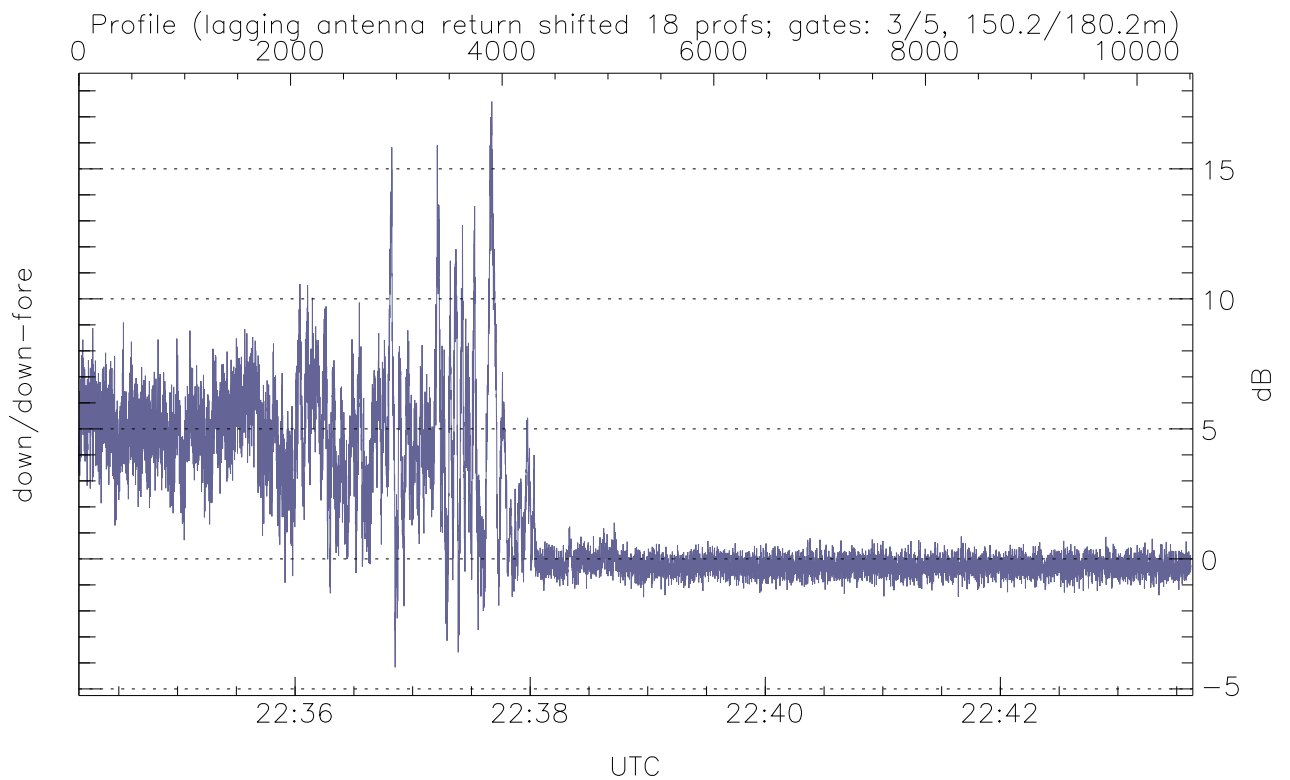
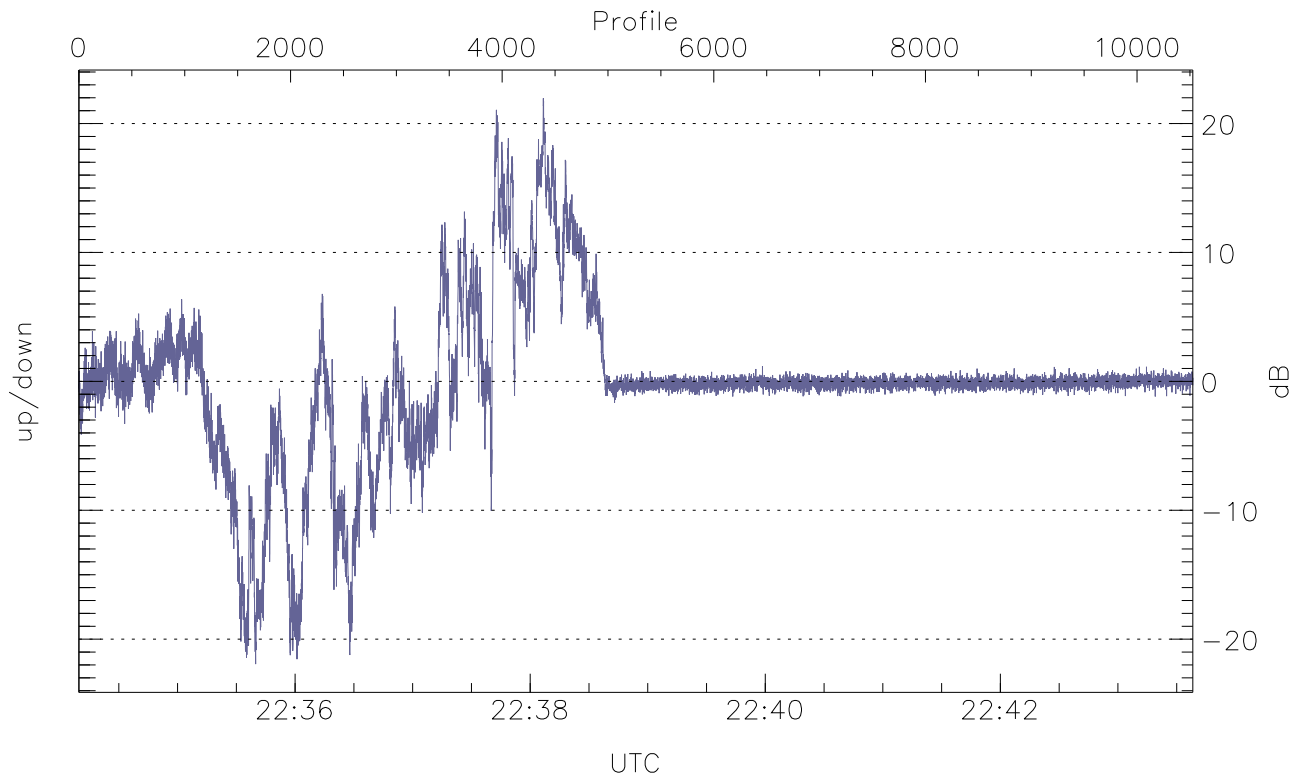


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



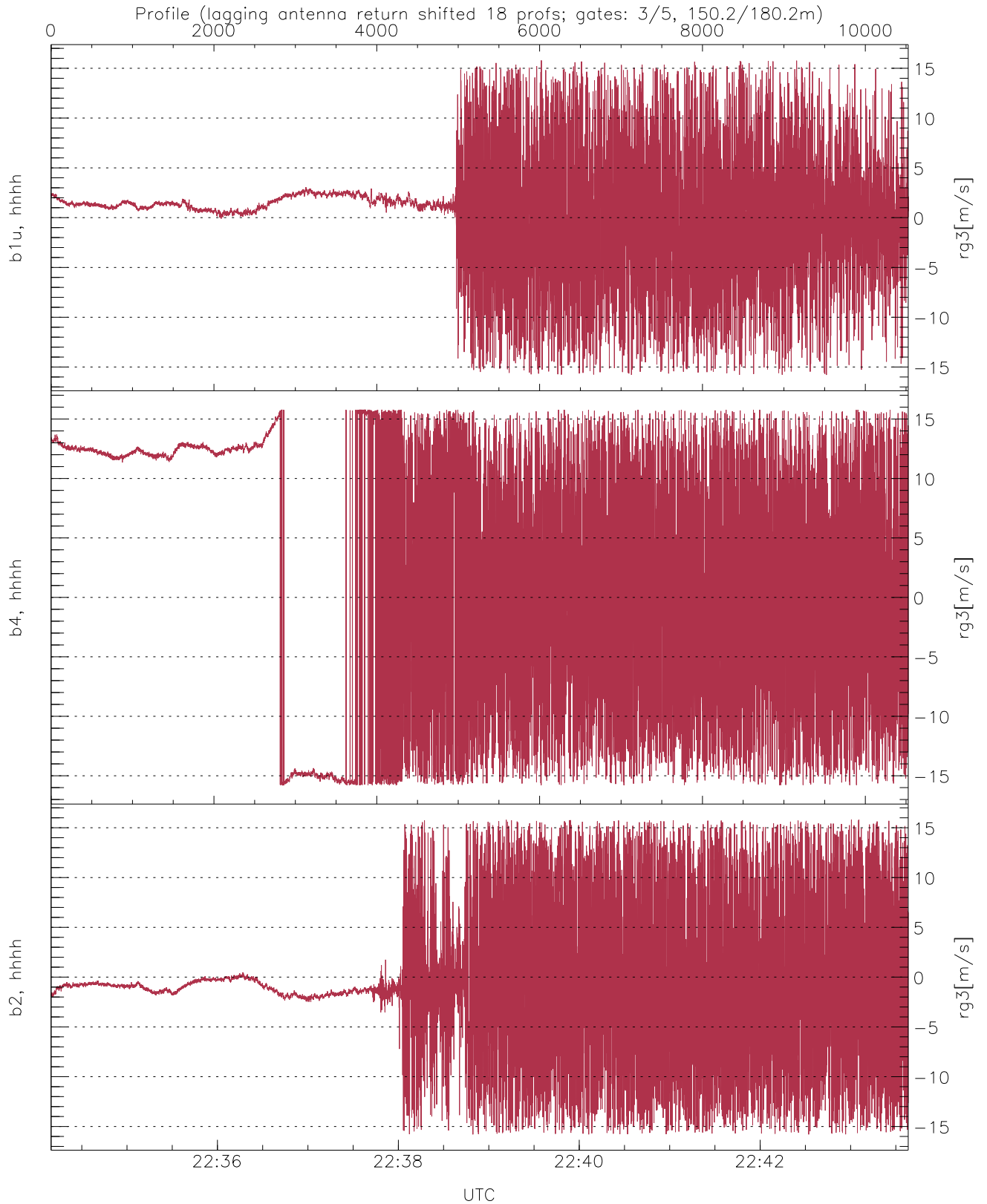
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh [dBm])	-64.26	-14.15	-27.66
down-fore(hh [dBm])	-63.89	-17.81	-30.62
down(hh [dBm])	-64.08	-14.86	-26.89



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

	Min	Max	Mean
up/down (dB)	-21.93	21.96	-0.26
down/down-fore (dB)	-4.17	17.59	1.77



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.79	15.80	0.58	5.21
b4, hhhh(rg3[m/s])	-15.80	15.80	2.36	11.05
b2, hhhh(rg3[m/s])	-15.80	15.80	-0.89	6.68