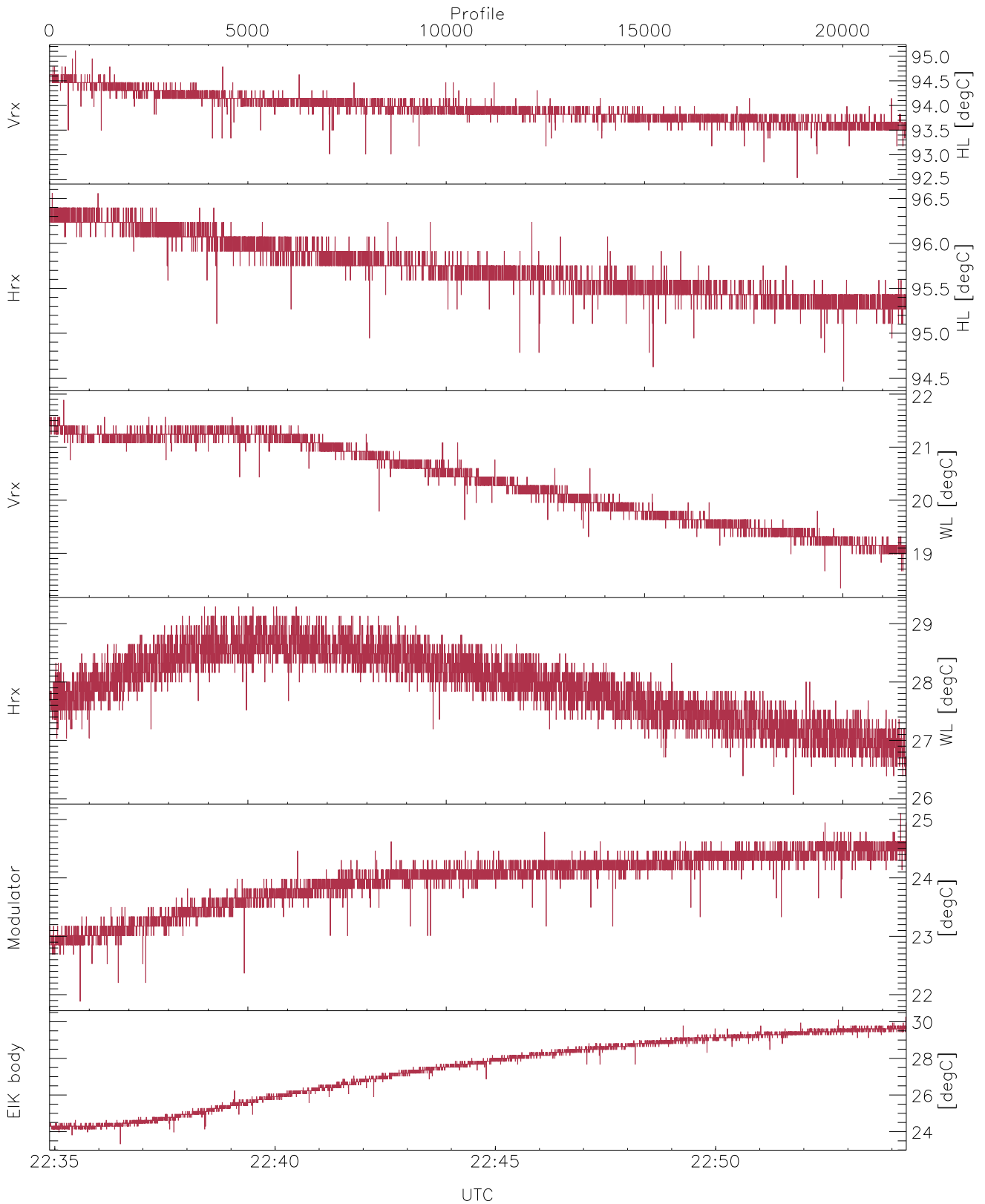


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

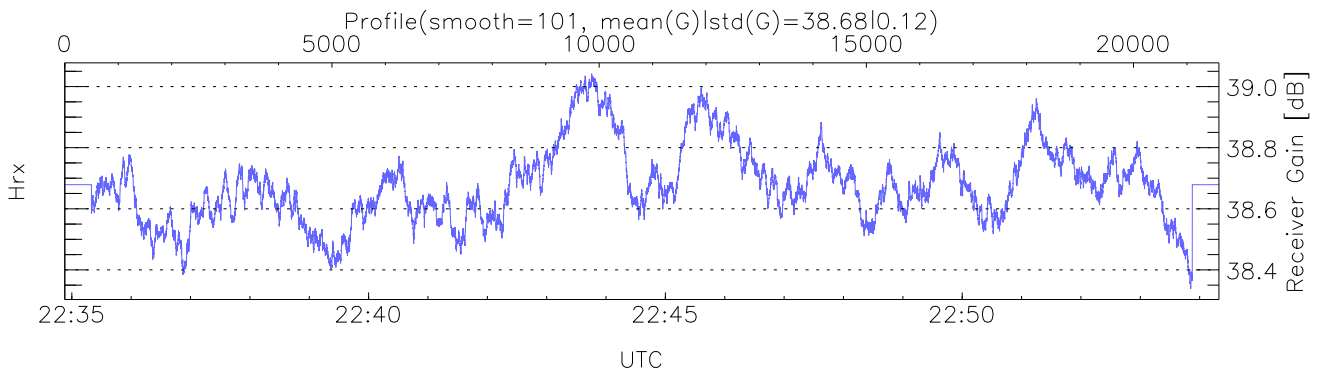
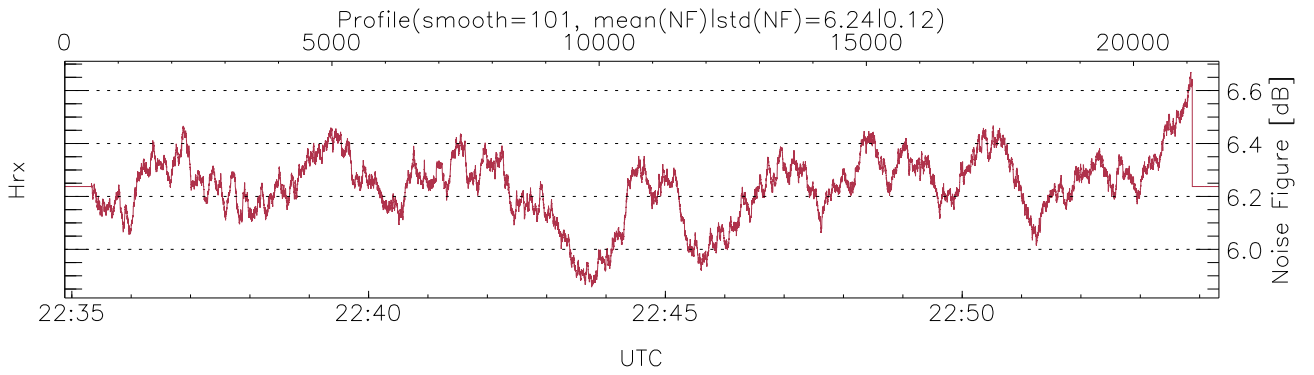
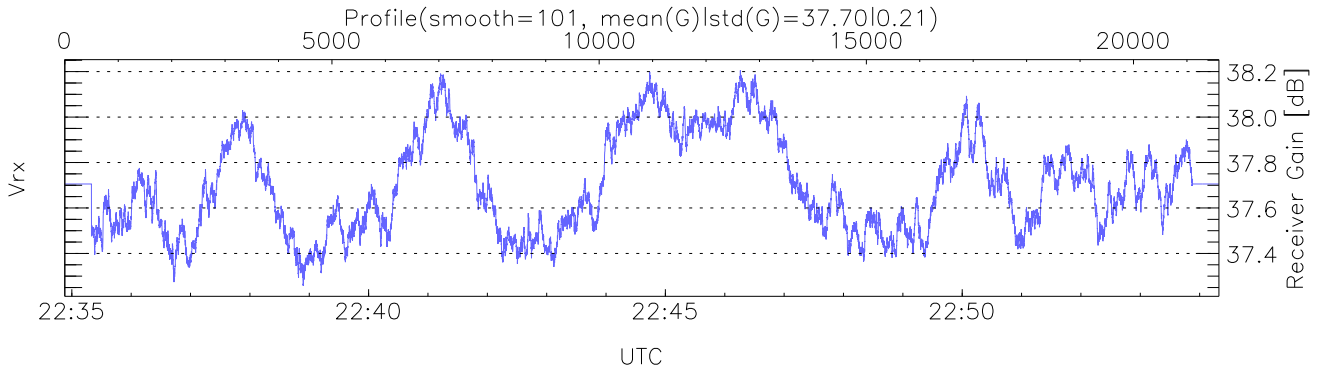
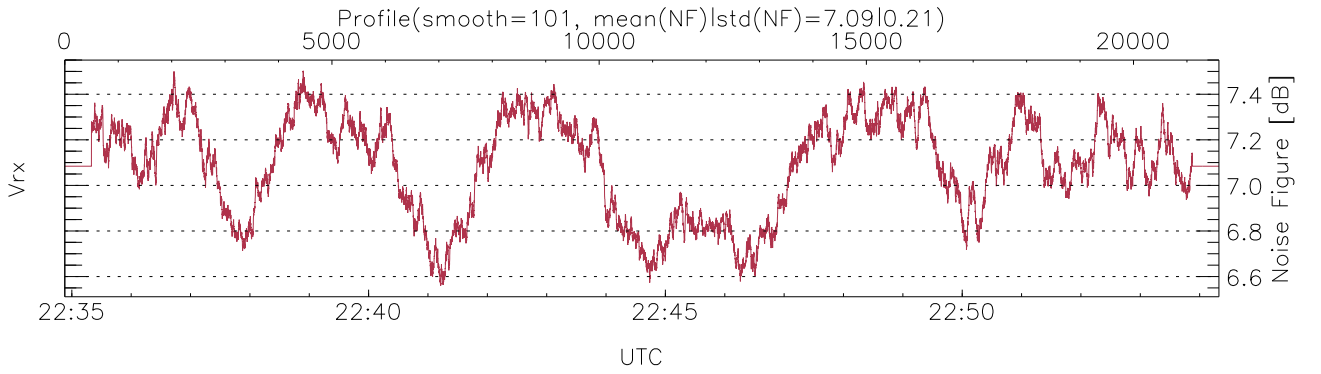
UTC: 22:34:53-23:18:25, Dur: 2612.58s  
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant  
 TimeInt/PPS(min,max,mn,std): 54.0,54.0,54.0,0.0 ms / 19,19,19  
 NumRec(r/t): 21600/48370, 0-21599/22:34:53-22:54:20  
 AcqTime: 54.0ms, Rate: 287KB/s, Averages: 180  
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2  
 PRF: 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us  
 Range(min,max,rgs): 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

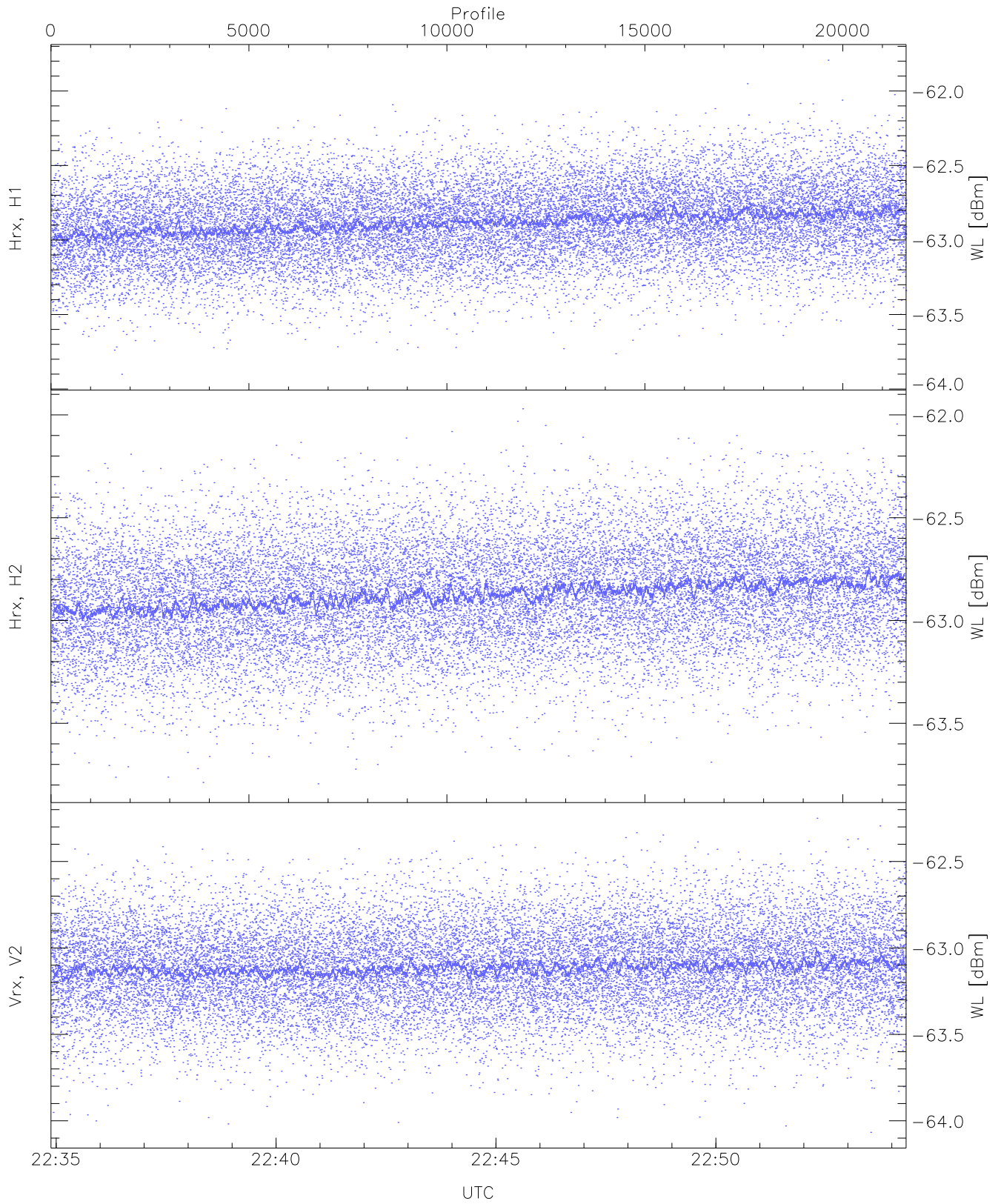
```

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,18,26,21,23
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 95,96,21,29,25,30
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
  DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (10,10,10,10,10,14)
    
```



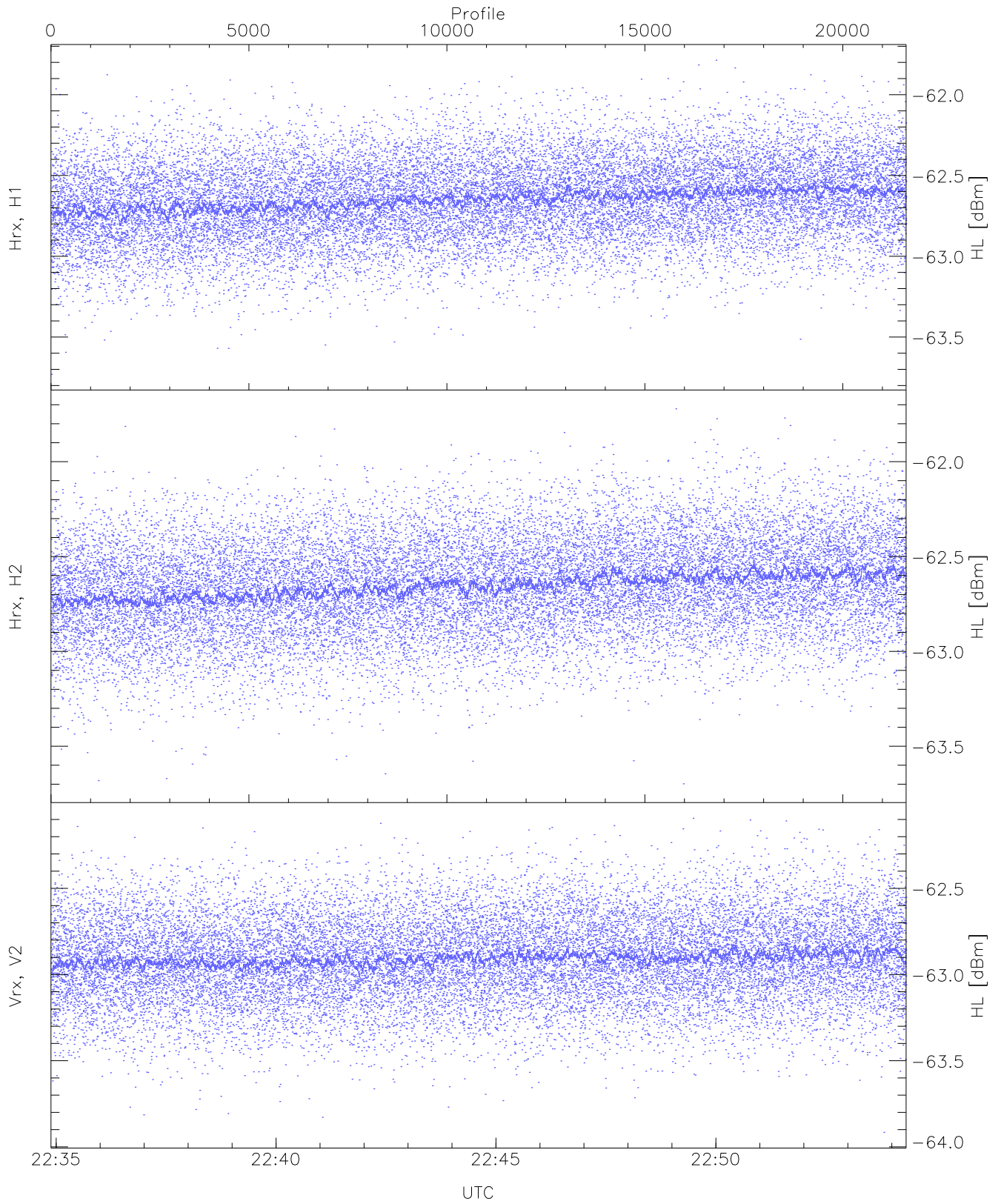
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 204 pixs, 22 gates, 177 profs, 1 prods



WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

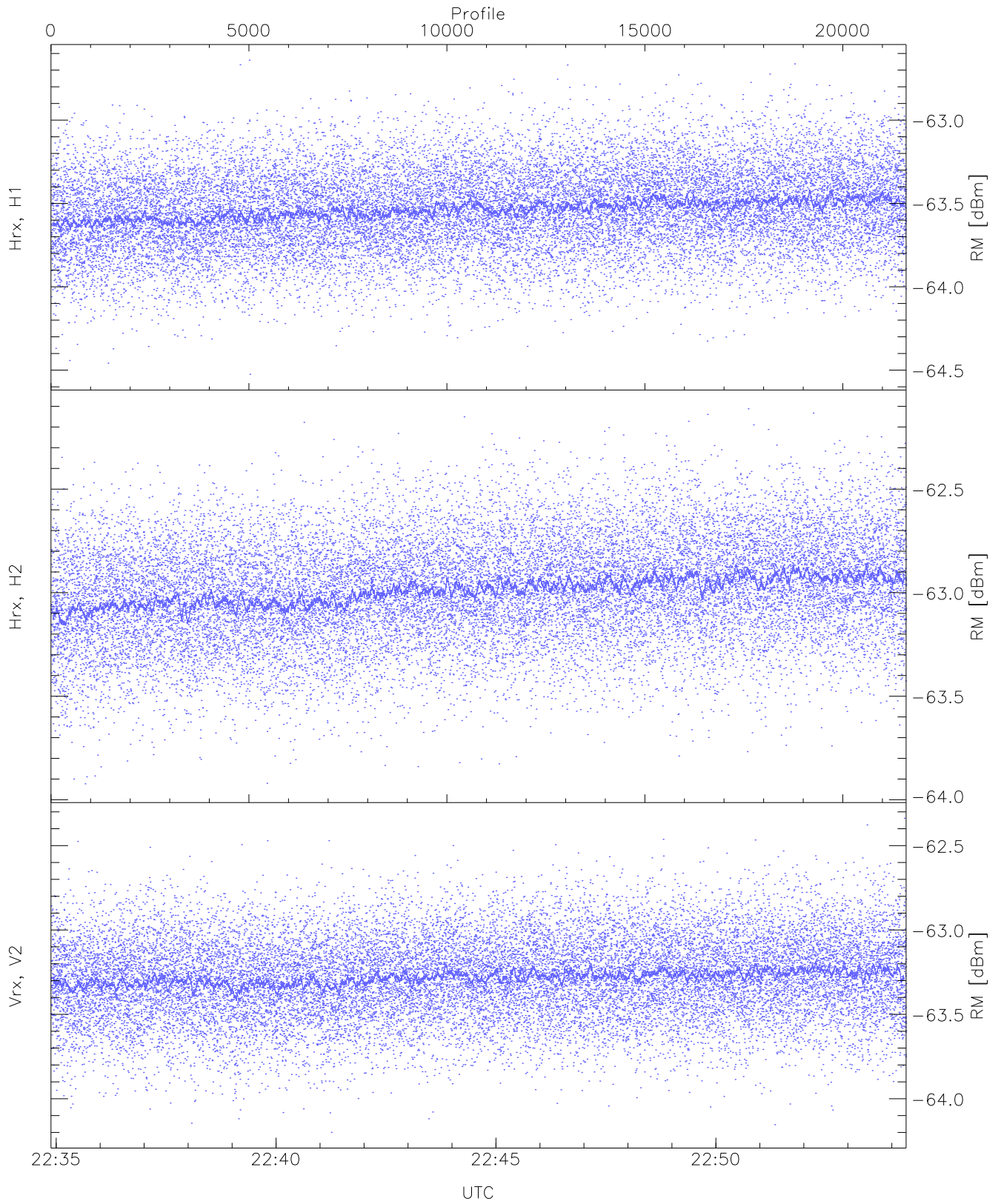
	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-63.90	-61.79	-62.88	-62.88	-75.46
Hrx, H2 (WL [dBm])	-63.79	-61.97	-62.87	-62.88	-75.51
Vrx, V2 (WL [dBm])	-64.07	-62.25	-63.11	-63.12	-75.84



WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

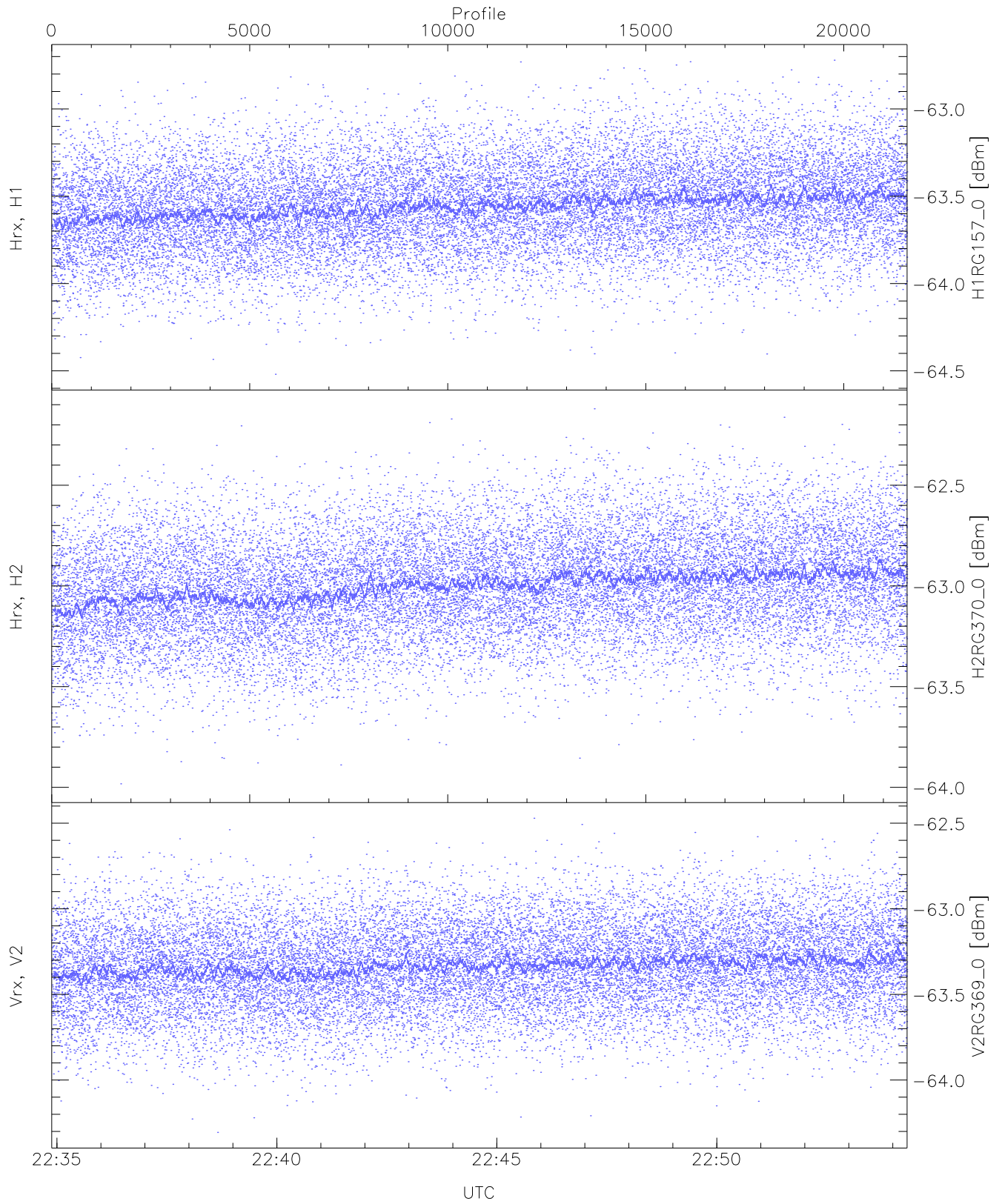
	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.73	-61.79	-62.65	-62.65	-75.29
Hrx, H2 (HL [dBm])	-63.70	-61.72	-62.65	-62.66	-75.26
Vrx, V2 (HL [dBm])	-63.92	-62.09	-62.91	-62.91	-75.58





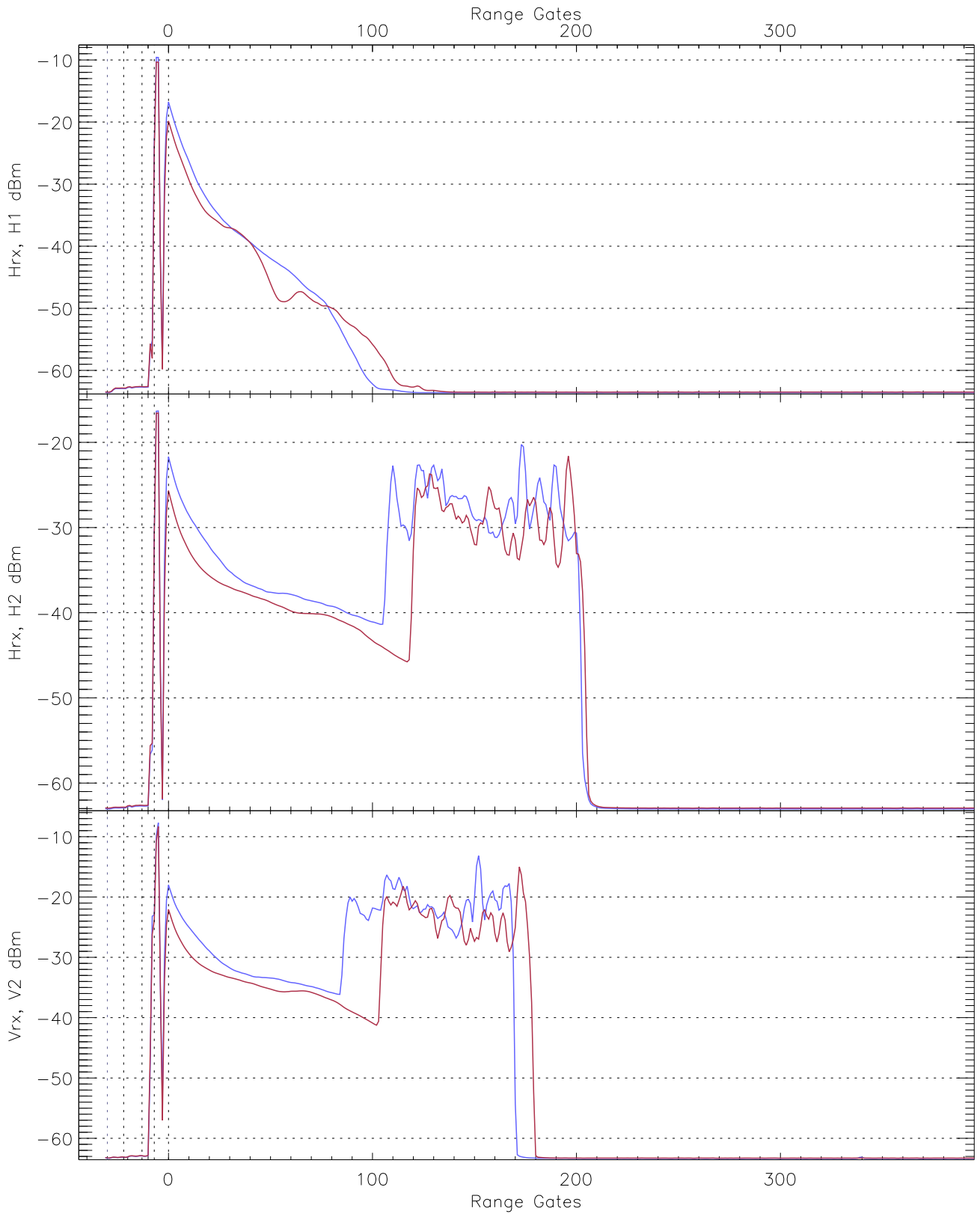
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.52	-62.64	-63.53	-63.54	-76.18
Hrx, H2 (RM [dBm])	-63.92	-62.11	-62.99	-62.99	-75.57
Vrx, V2 (RM [dBm])	-64.20	-62.34	-63.28	-63.28	-75.98



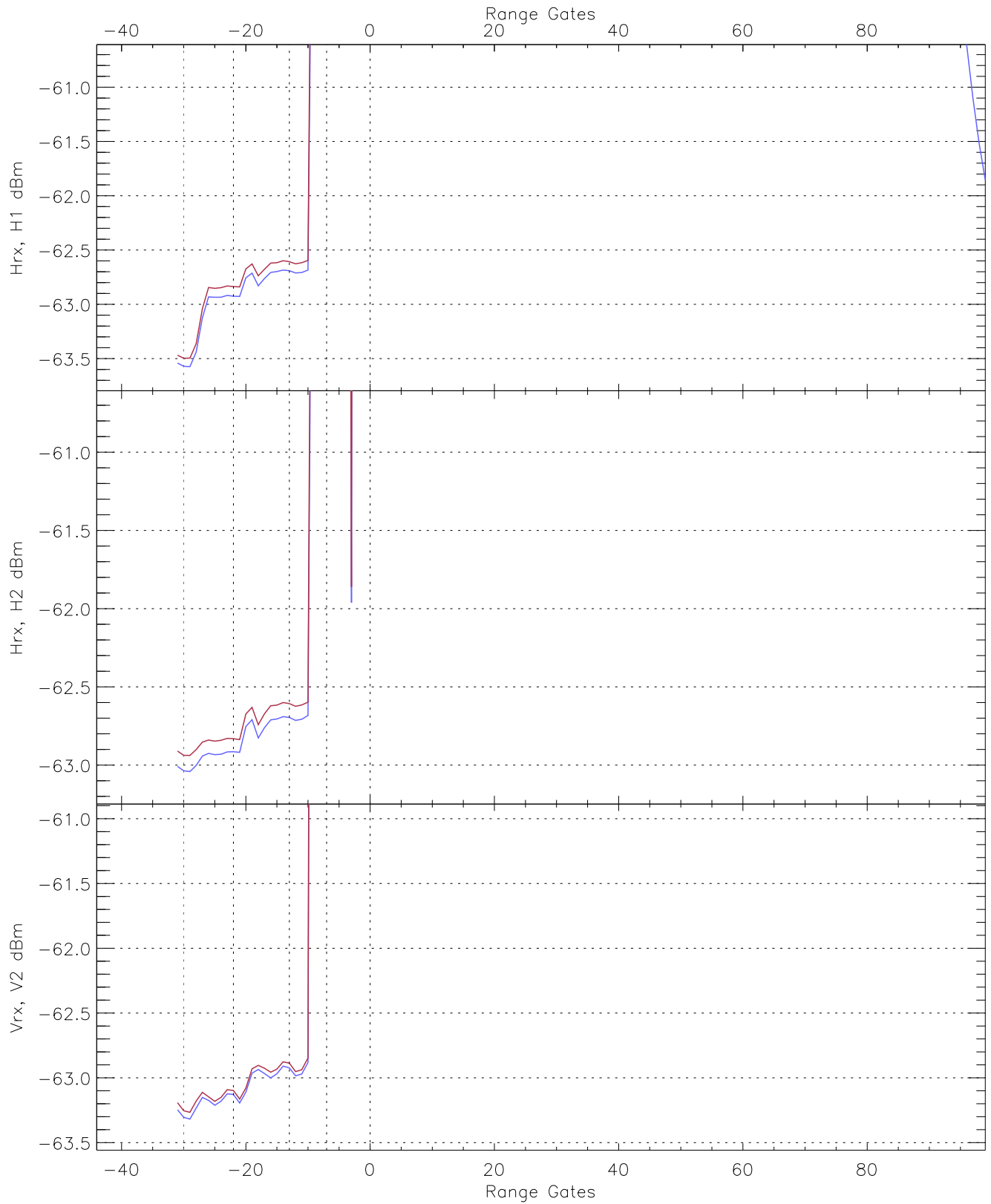
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG157_0 [dBm]	-64.52	-62.72	-63.55	-63.56	-76.18
H2RG370_0 [dBm]	-63.98	-62.12	-63.00	-63.00	-75.63
V2RG369_0 [dBm]	-64.31	-62.47	-63.33	-63.34	-76.01

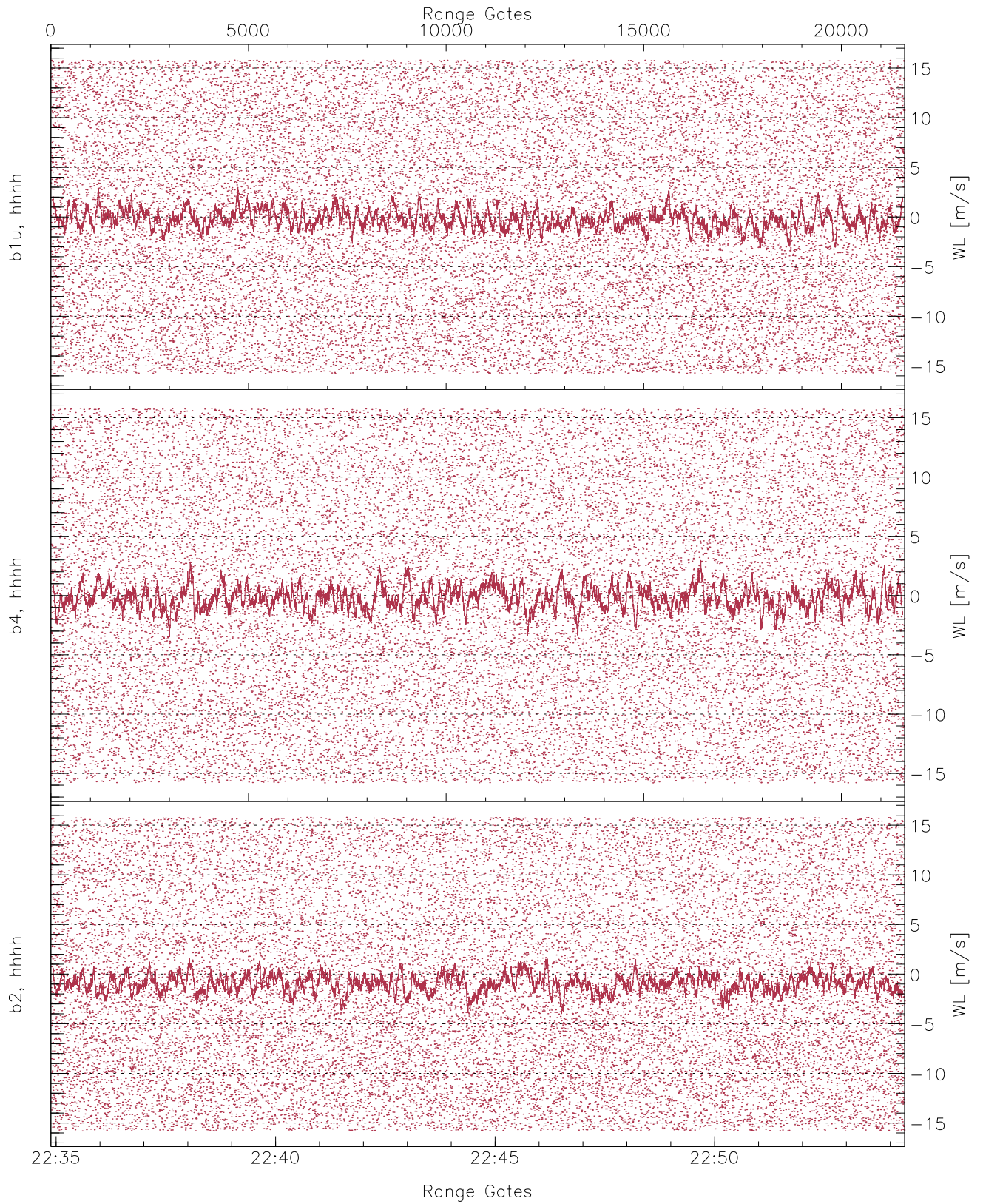


WCR2 CPP Averaged Received power for all recorded gates  
blue: 223453-224436, 10801 profiles averaged  
red: 224436-225420, 10800 profiles averaged

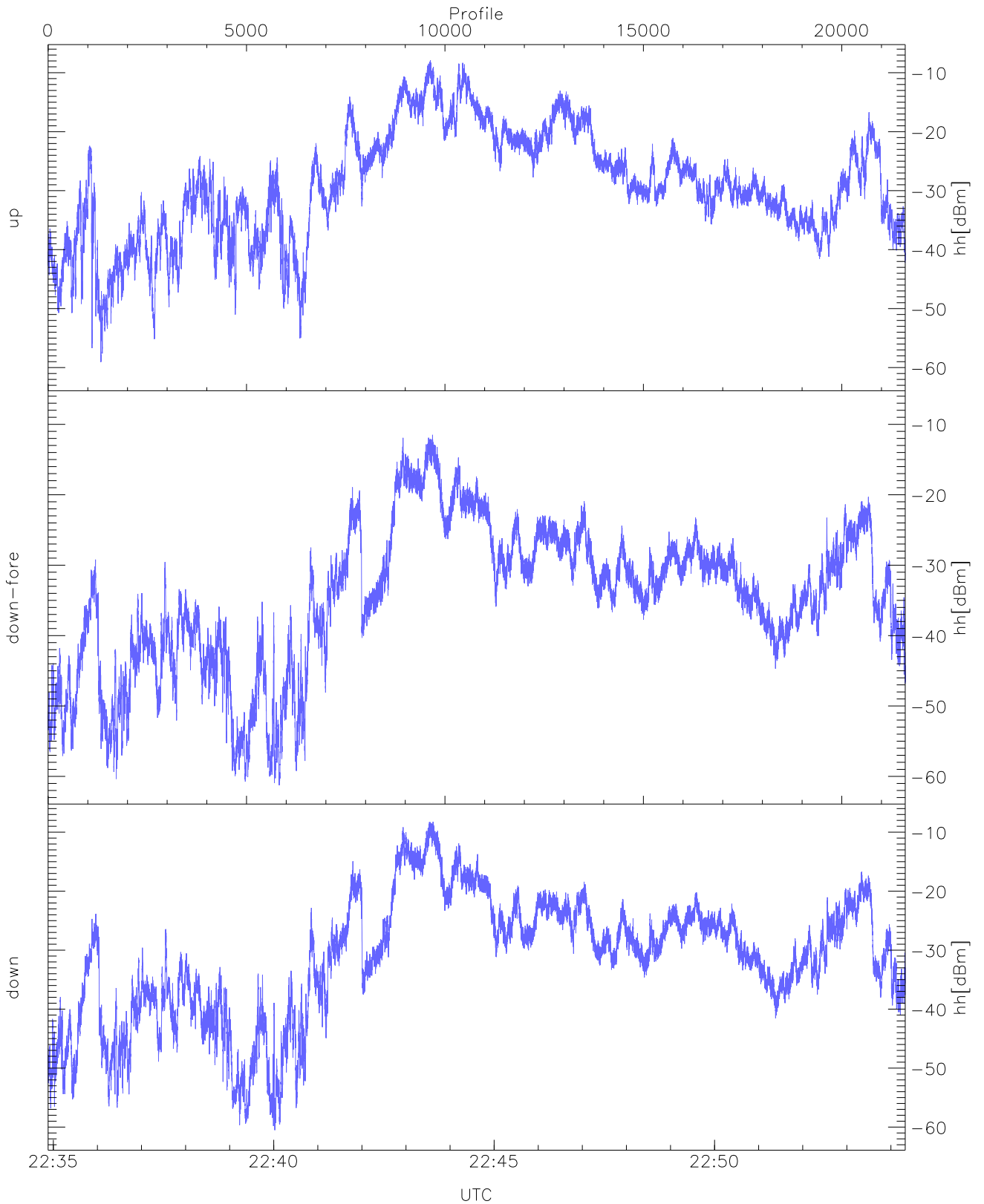




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 223453-224436, 10801 profiles averaged  
red: 224436-225420, 10800 profiles averaged

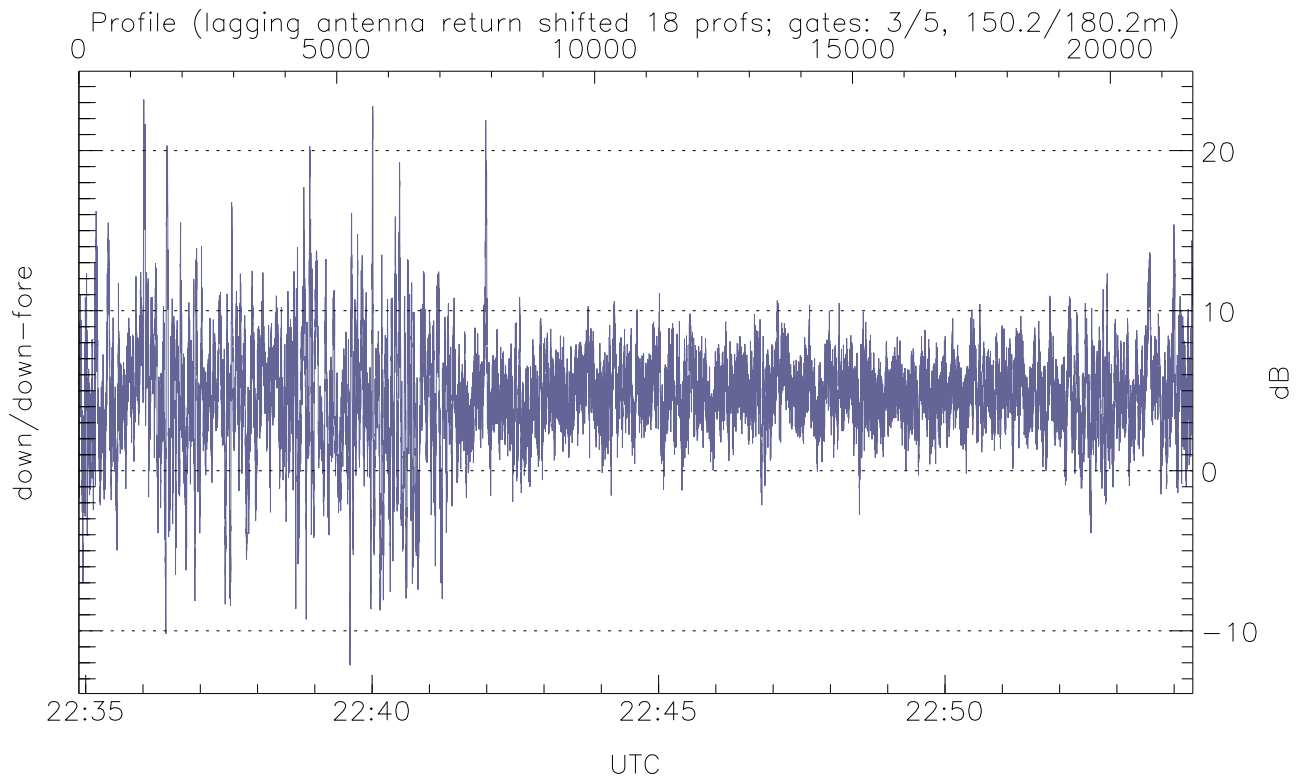
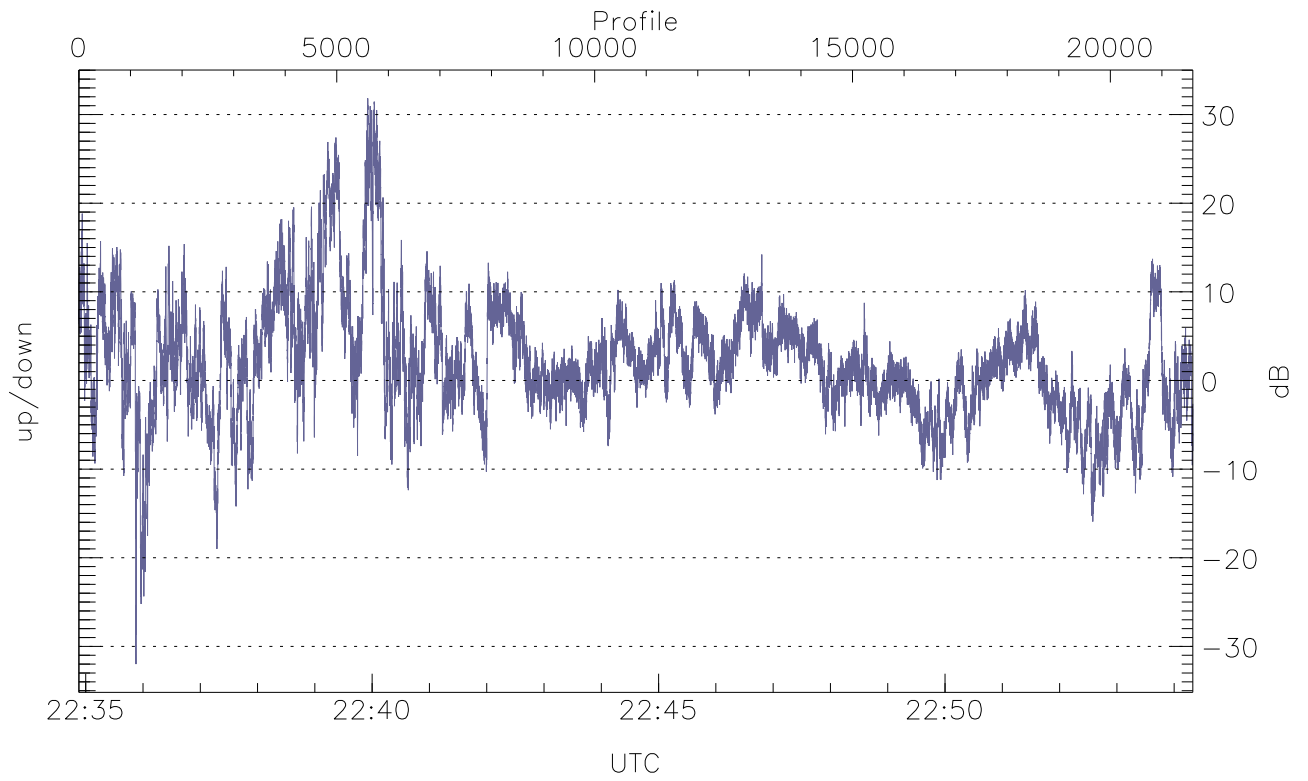


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



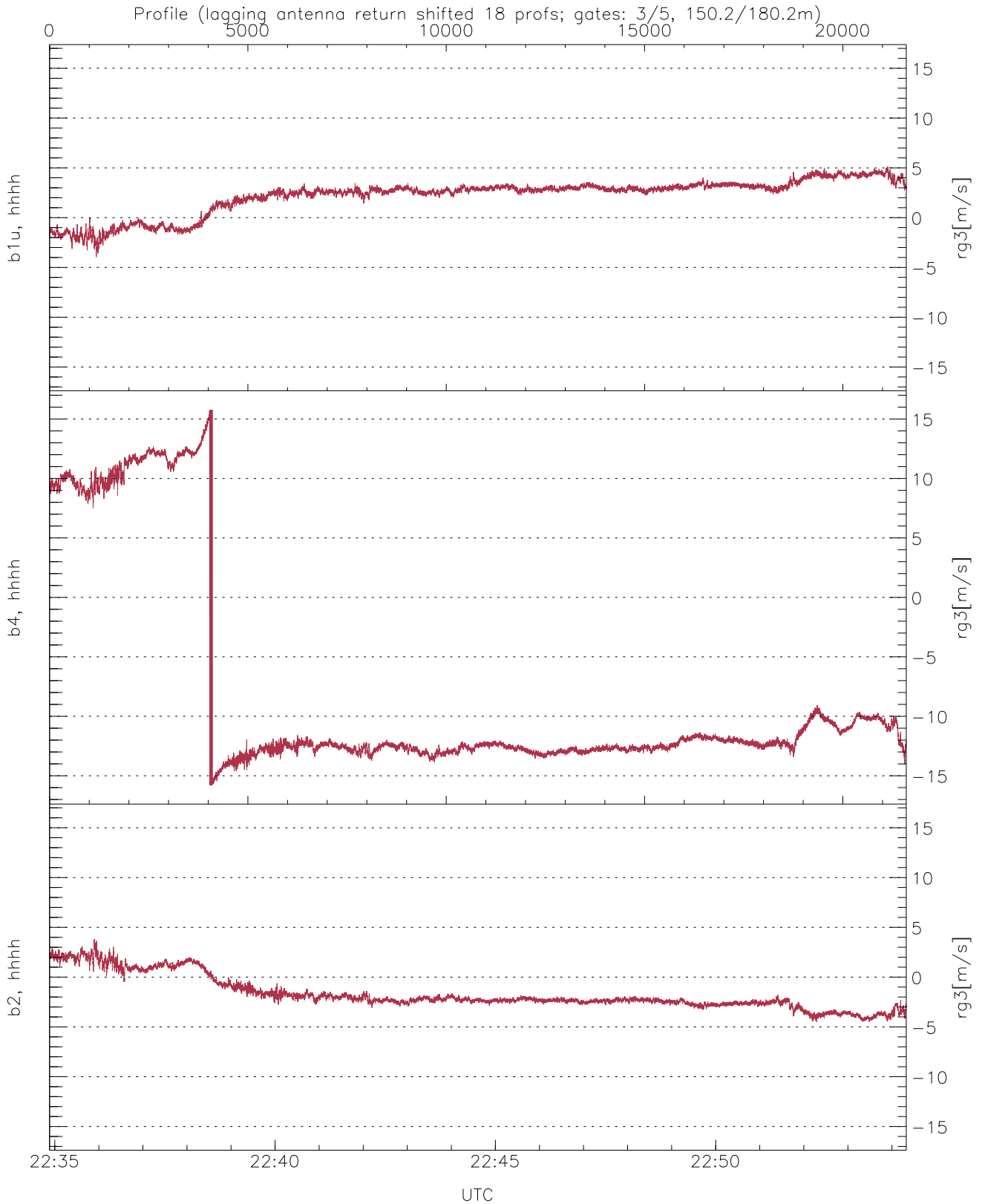
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-59.03	-7.90	-21.37
down-fore(hh[dBm])	-61.26	-11.49	-26.00
down(hh[dBm])	-60.53	-8.24	-22.59



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

	Min	Max	Mean
up/down (dB)	-31.99	31.83	2.12
down/down-fore (dB)	-12.15	23.19	4.71



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-3.95	5.13	2.18	1.78
b4, hhhh(rg3[m/s])	-15.79	15.78	-7.96	9.21
b2, hhhh(rg3[m/s])	-4.51	3.83	-1.70	1.68