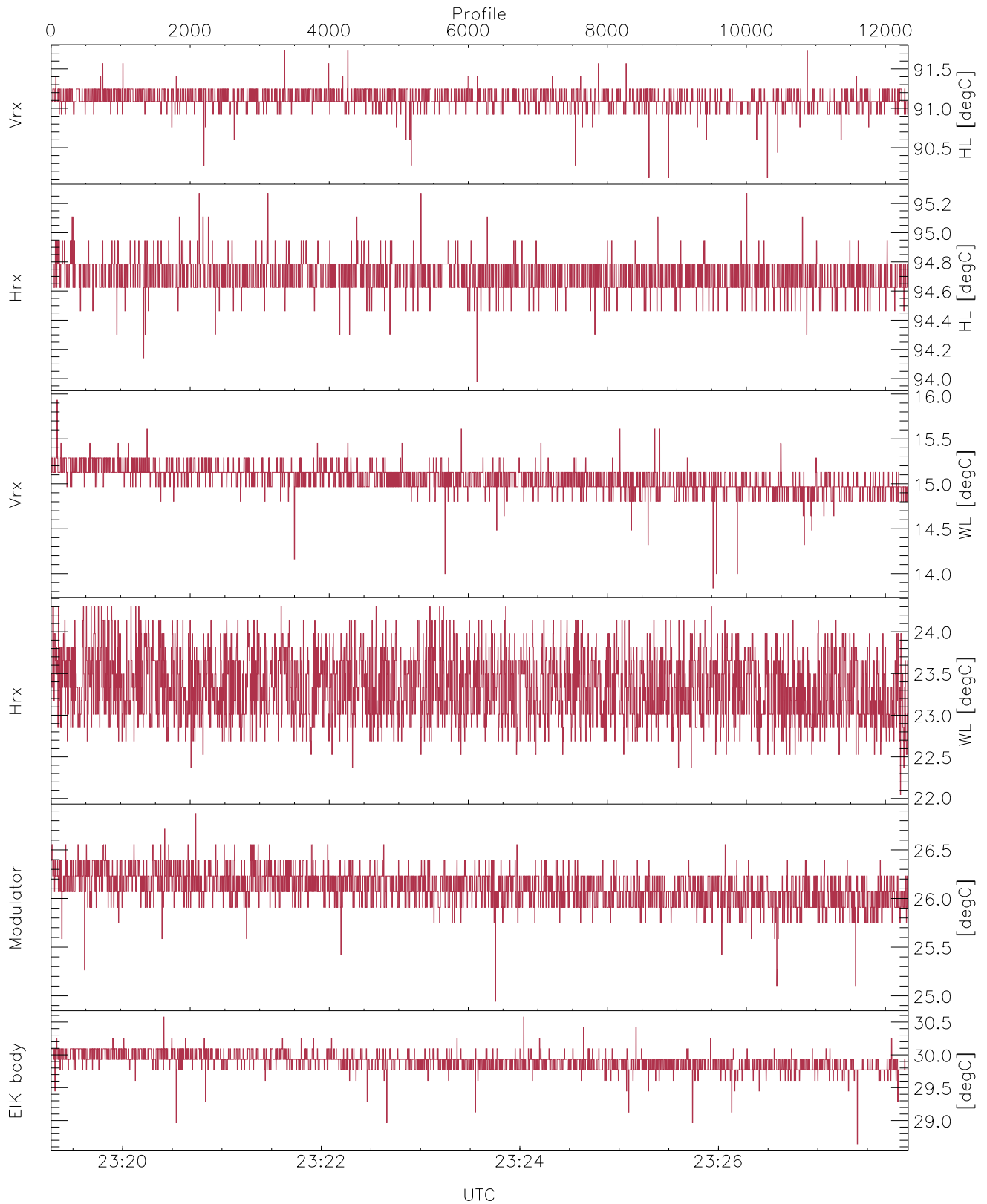


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 23:19:17-23:27:55, Dur: 517.91s  
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant  
 TimeInt/PPS(min,max,mn,std): 42.0,42.0,42.0,0.0 ms / 24,24,24  
 NumRec(r/t): 12329/12329, 0-12328/23:19:17-23:27:55  
 AcqTime: 42.0ms, Rate: 377KB/s, Averages: 140  
 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): 105,6187,15.0 m, Gates: 406, Aspect: 3.1

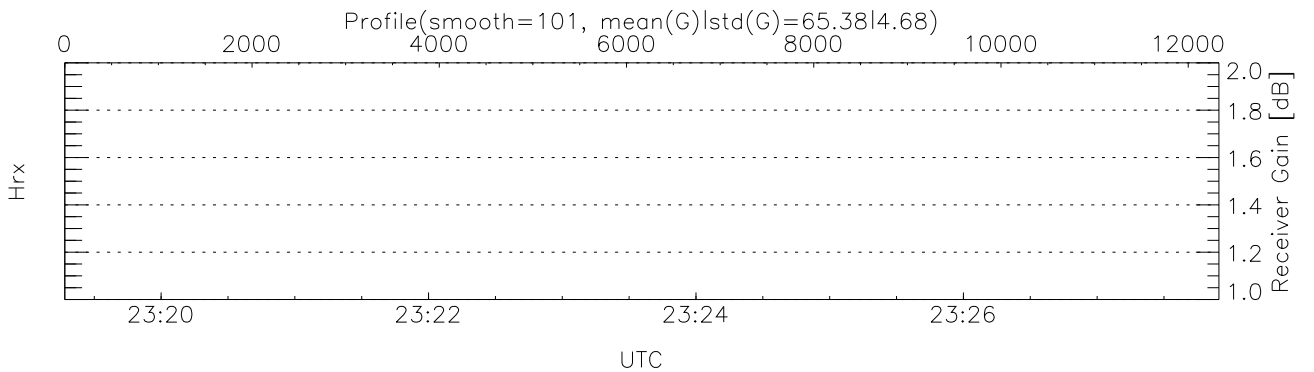
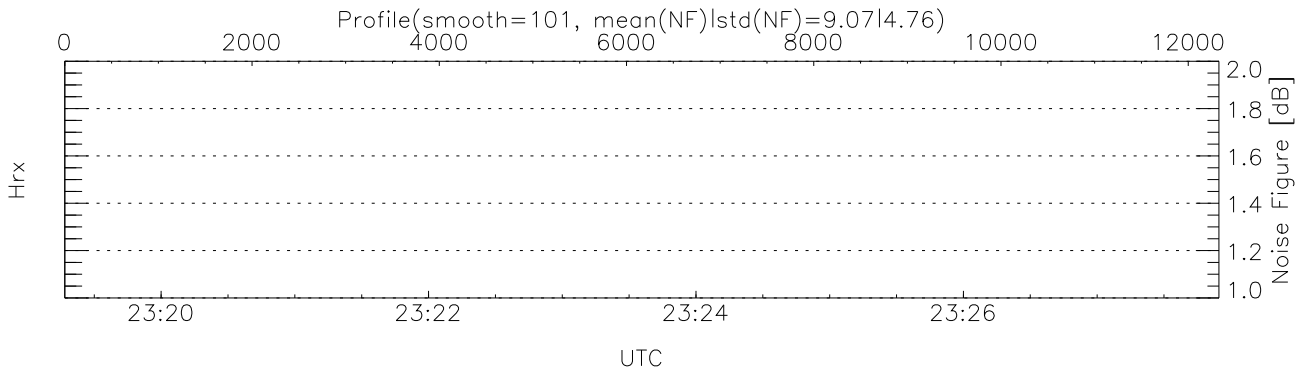
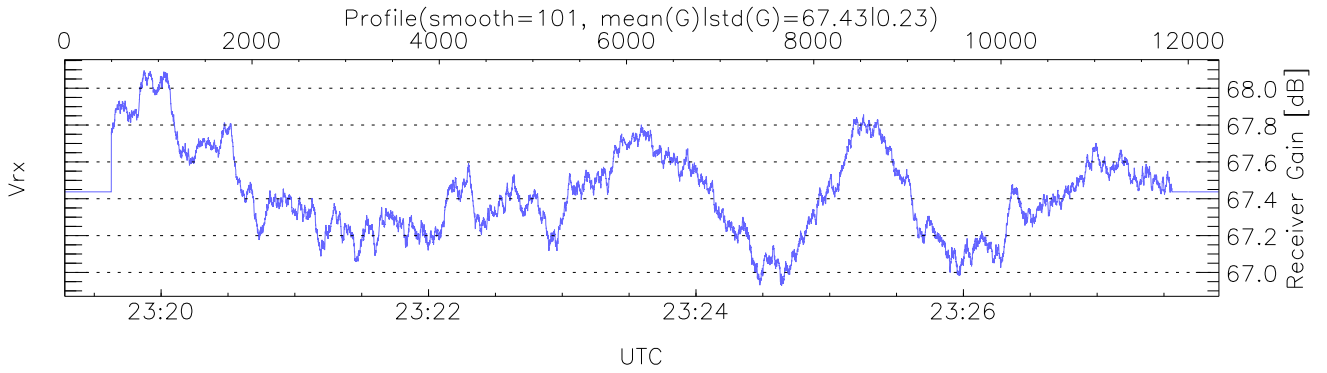
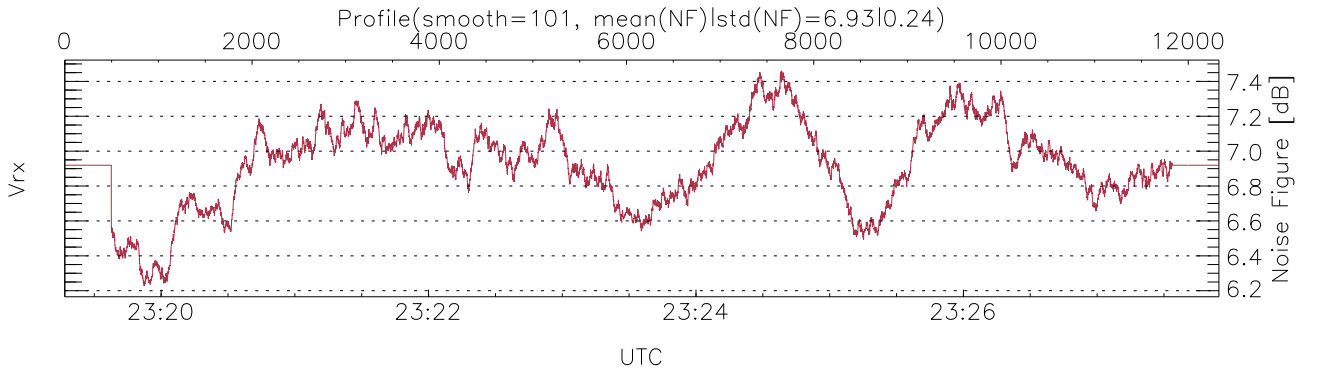


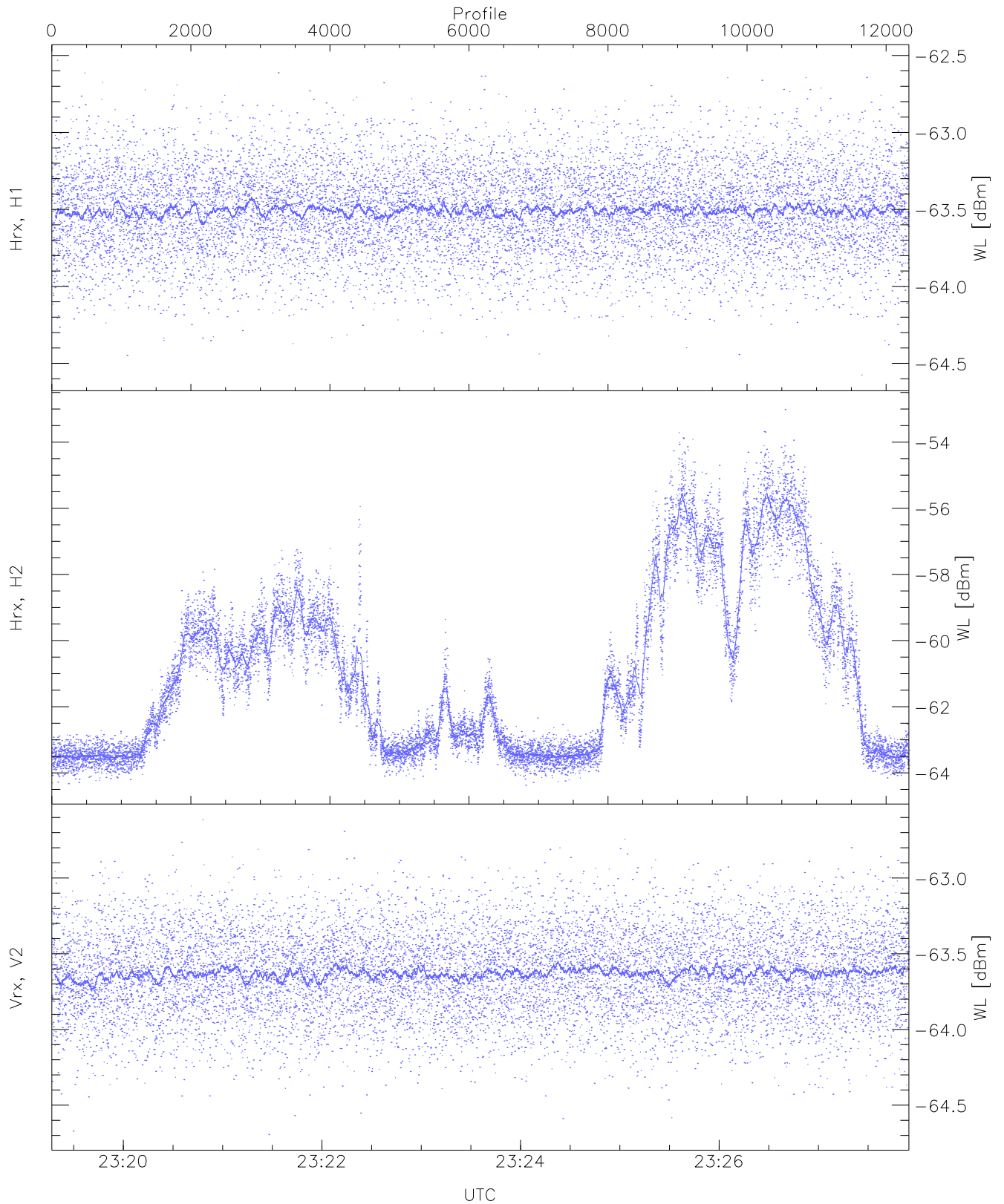
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator Body, EIK Body

```

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,93,13,22,24,28
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,95,15,24,26,30
LOalarm(20,80,240,2.8,14.8 MHz): 0,0,0,21,0
EIK/Modulator Faults: None
    
```

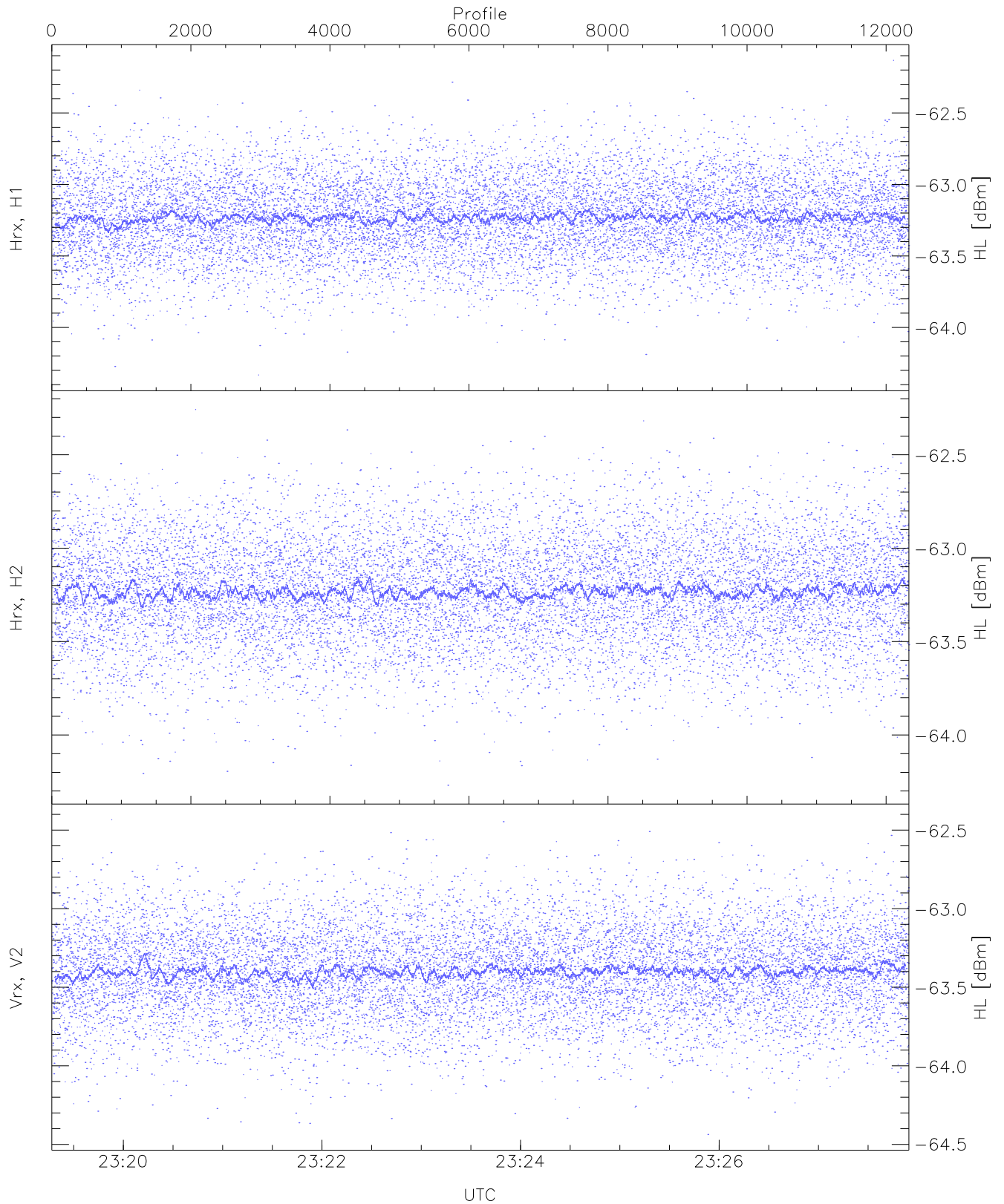
WARNING: <HrxHLn>-<HrxWLn> < 0.05dB for 1 pwr prods.





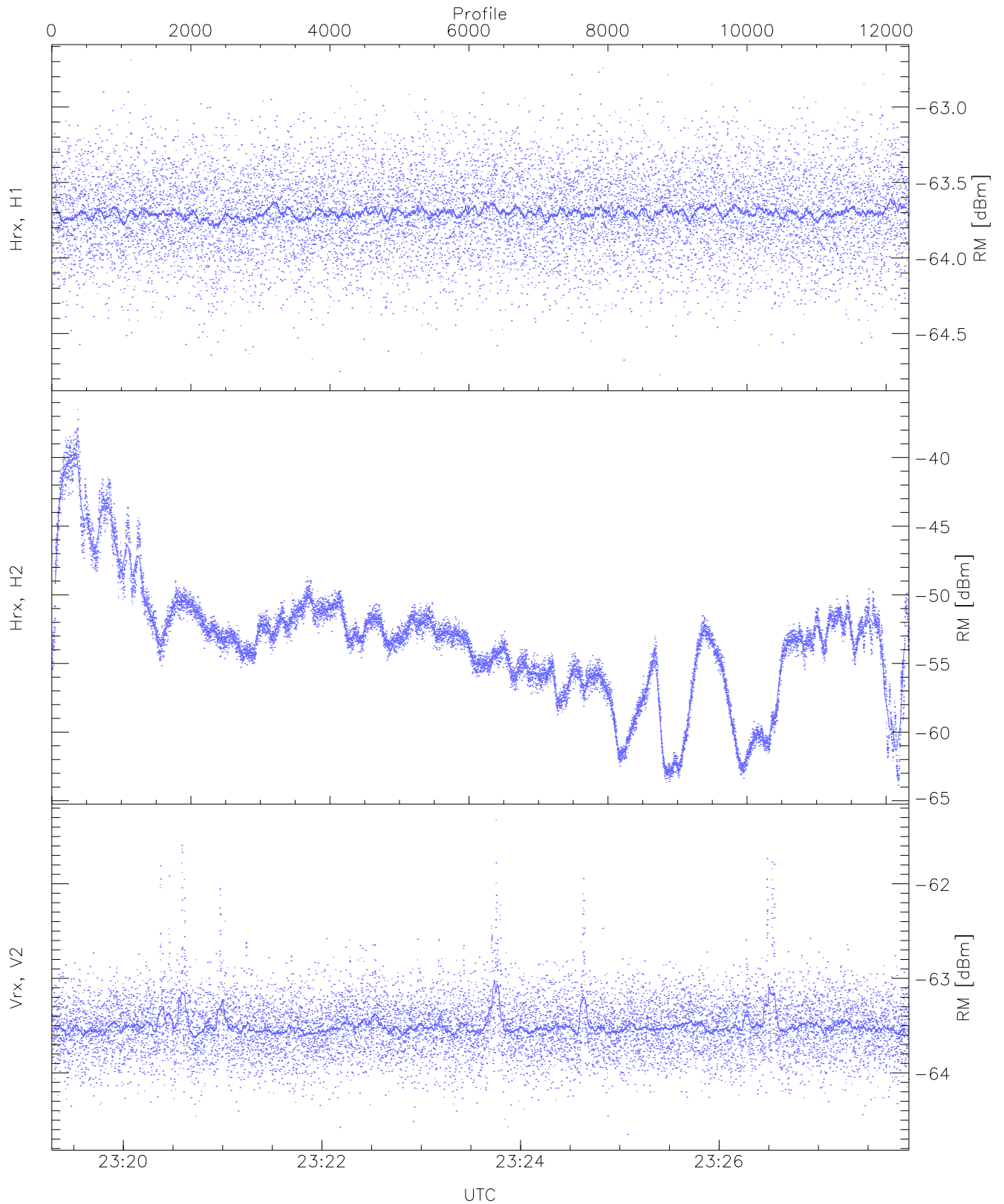
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-64.58	-62.53	-63.50	-63.51	-75.67
Hrx, H2 (WL [dBm])	-64.37	-53.01	-60.19	-61.55	-61.77
Vrx, V2 (WL [dBm])	-64.69	-62.62	-63.63	-63.63	-75.80



WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

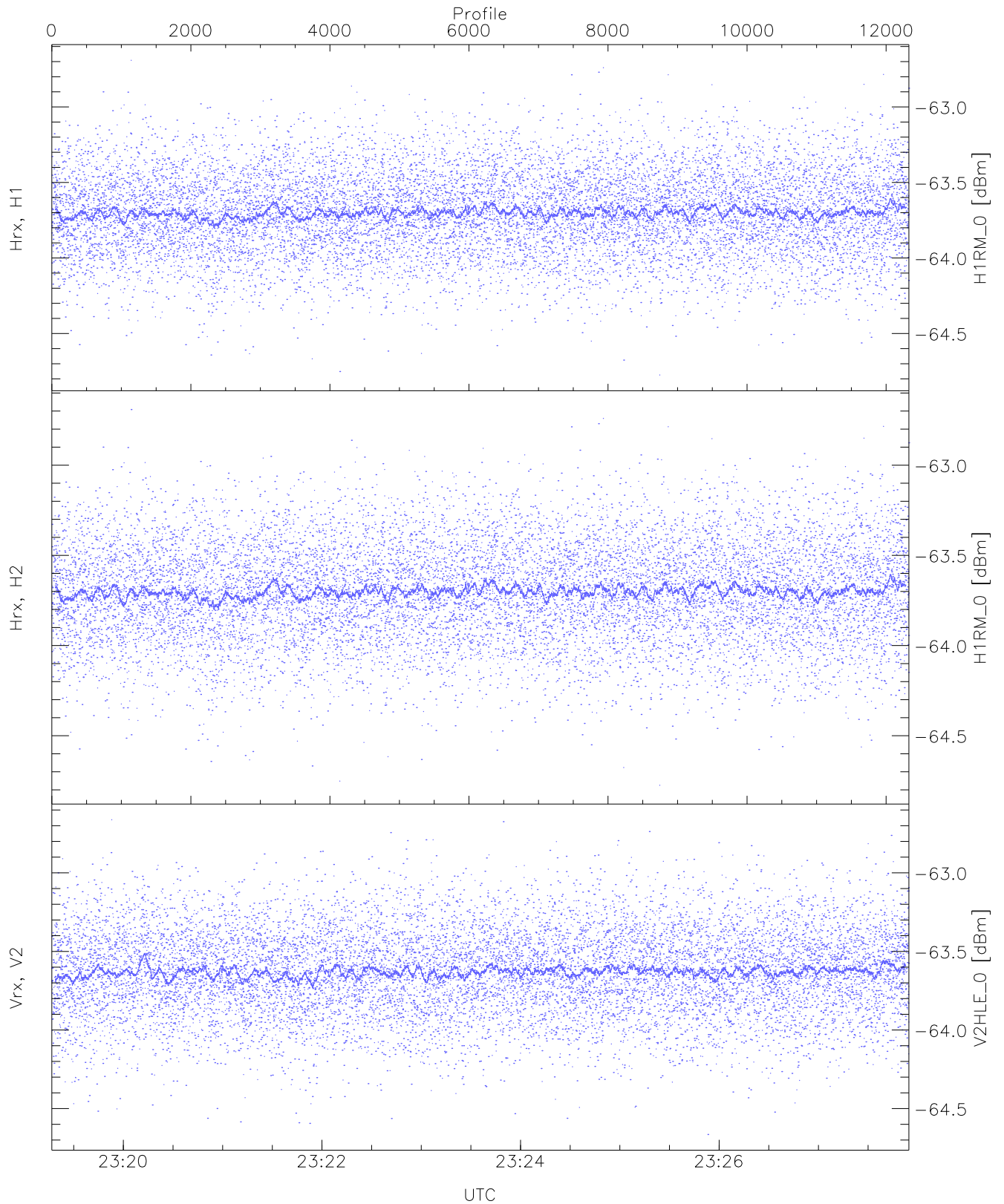
	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-64.33	-62.13	-63.23	-63.23	-75.41
Hrx, H2 (HL [dBm])	-64.27	-62.26	-63.23	-63.23	-75.42
Vrx, V2 (HL [dBm])	-64.44	-62.43	-63.40	-63.40	-75.57



WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

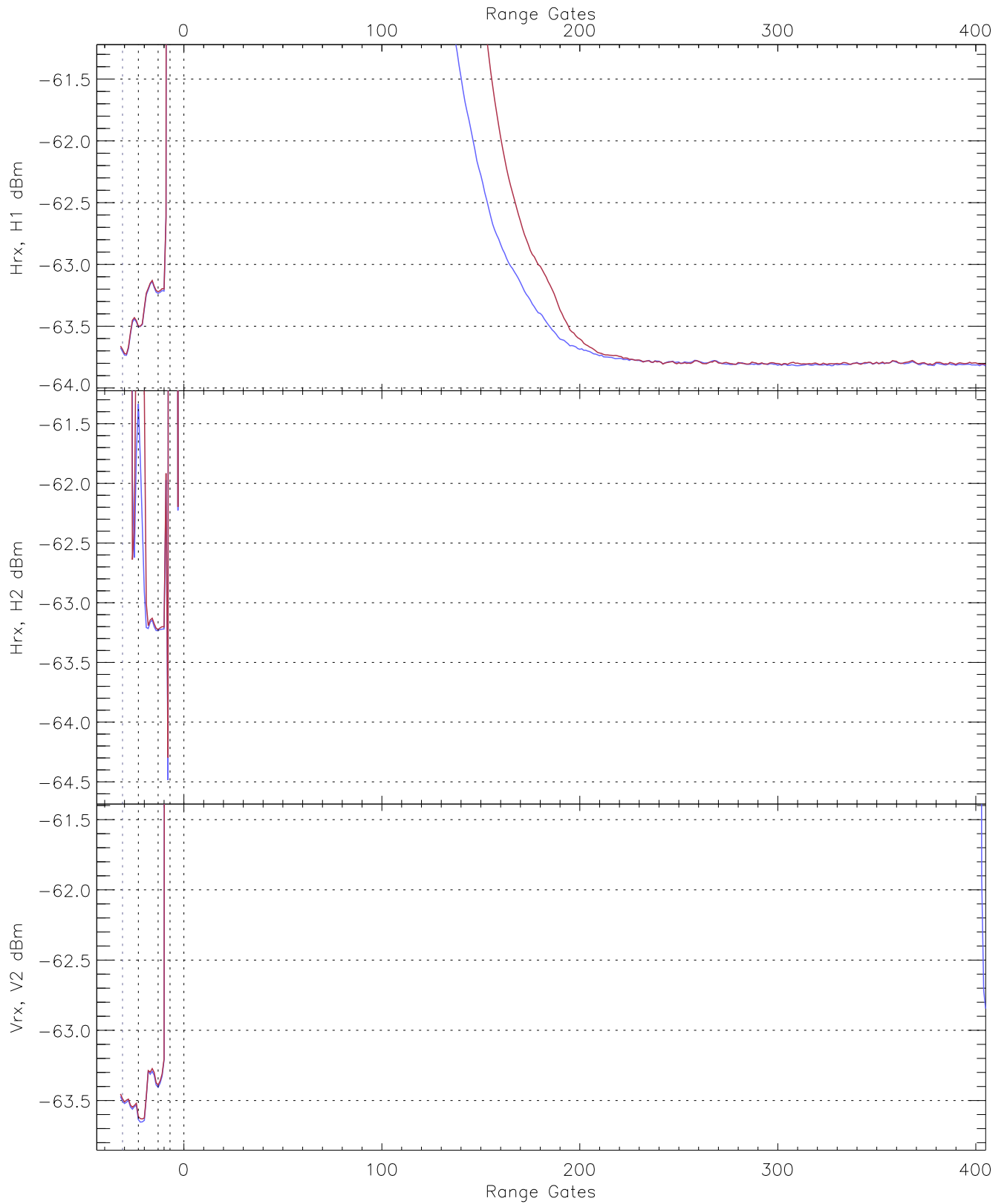
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.77	-62.69	-63.70	-63.71	-75.85
Hrx, H2 (RM [dBm])	-63.87	-36.50	-50.78	-53.24	-47.97
Vrx, V2 (RM [dBm])	-64.65	-61.32	-63.50	-63.52	-74.97





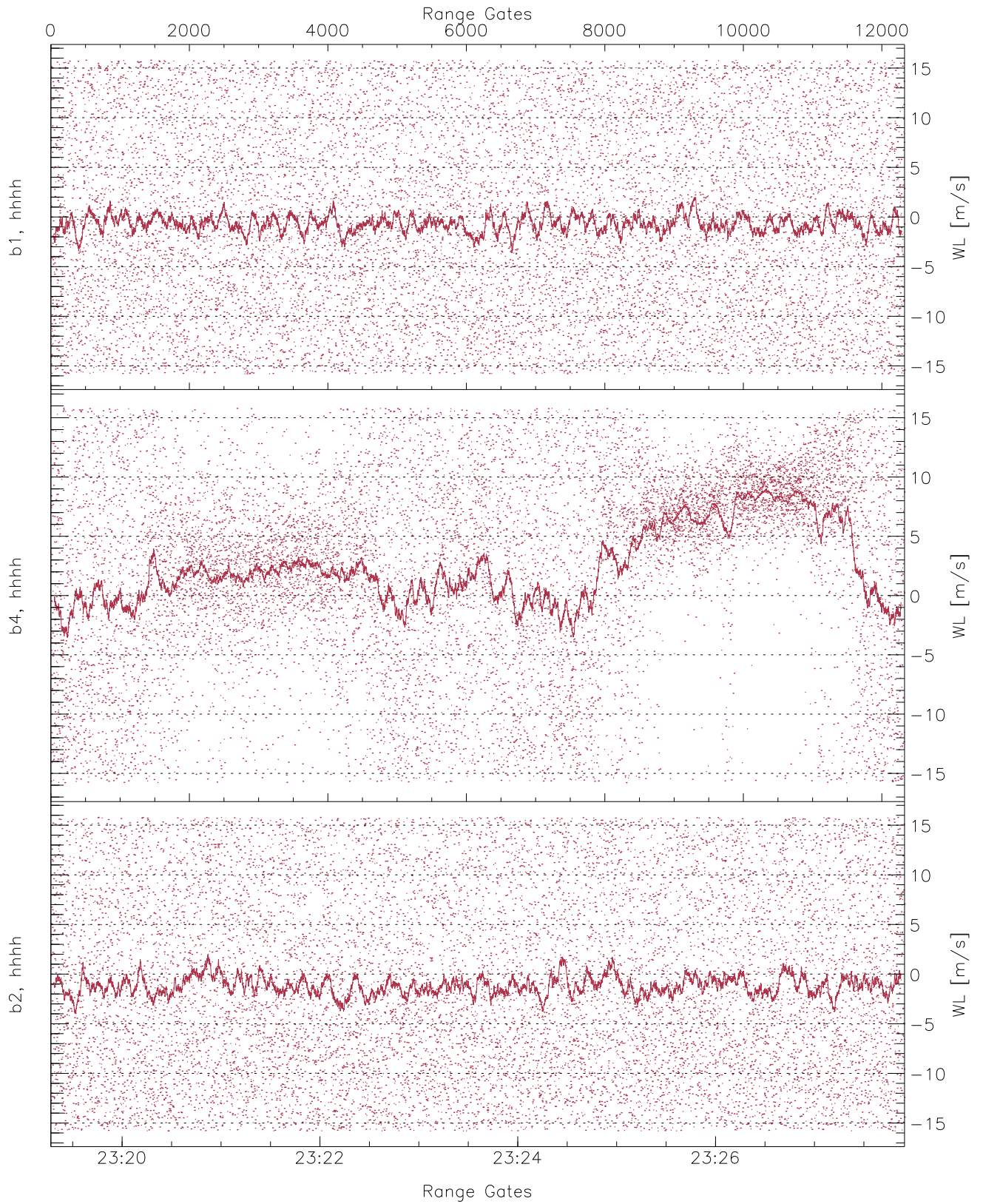
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-64.77	-62.69	-63.70	-63.71	-75.85
H1RM_0 [dBm]	-64.77	-62.69	-63.70	-63.71	-75.85
V2HLE_0 [dBm]	-64.66	-62.66	-63.63	-63.63	-75.80

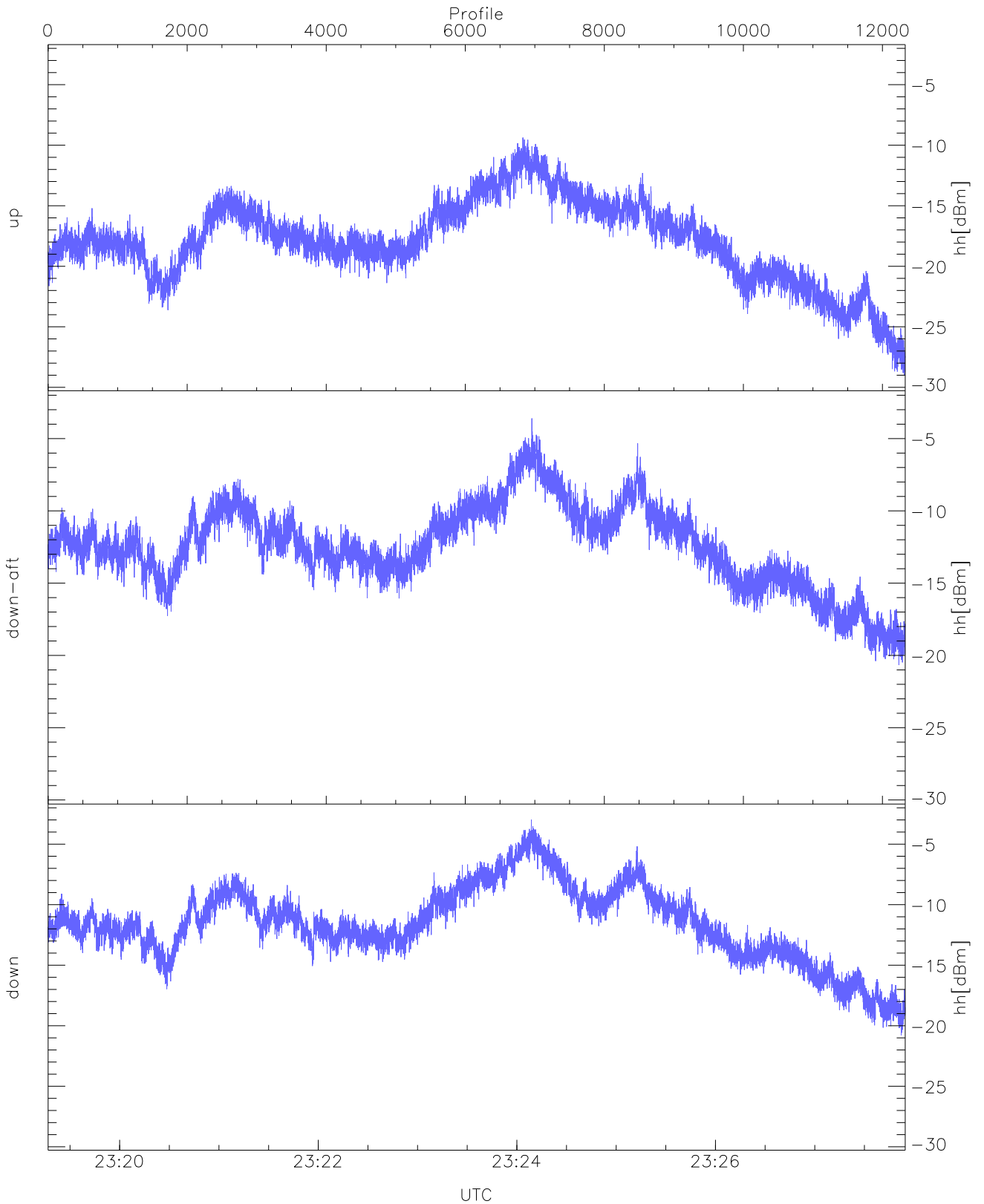


WCR2 CPP Averaged Received power for all recorded gates  
blue: 231917-232335, 6165 profiles averaged  
red: 232335-232755, 6165 profiles averaged



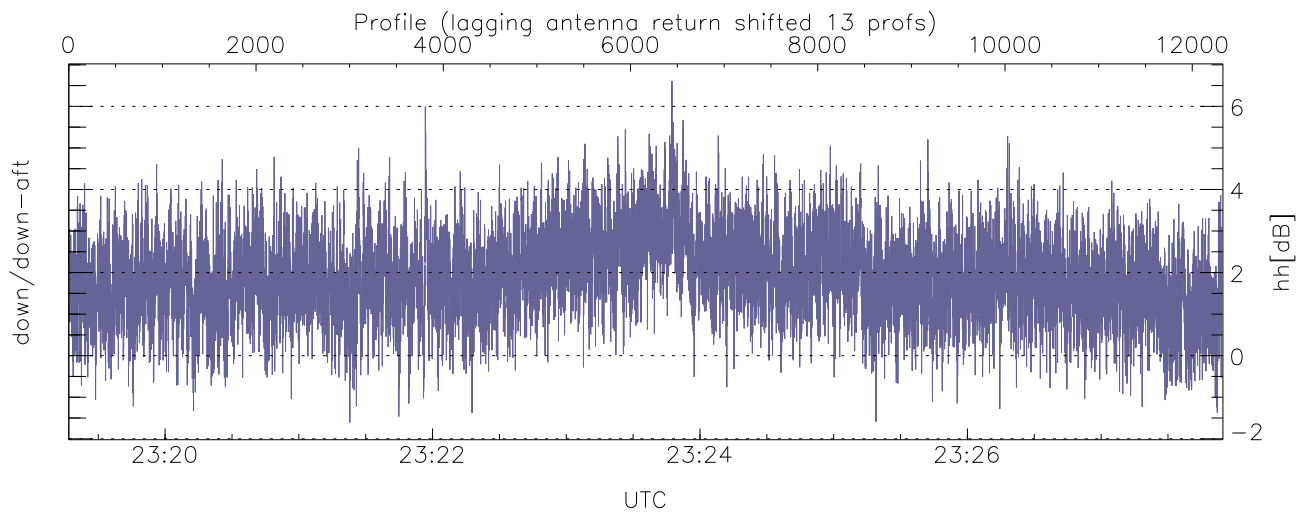
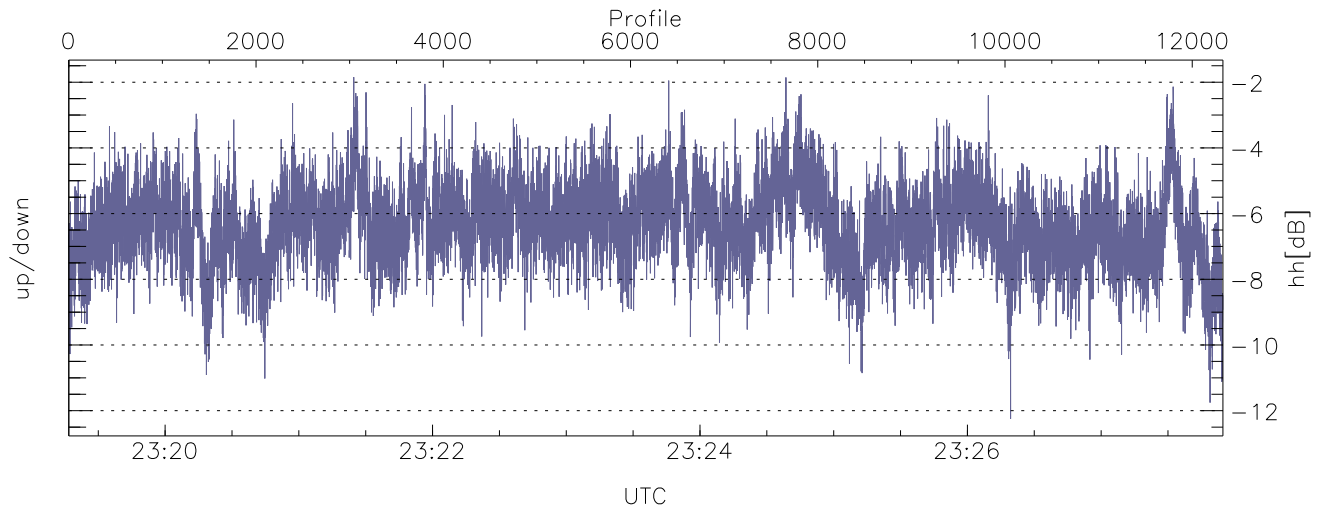


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



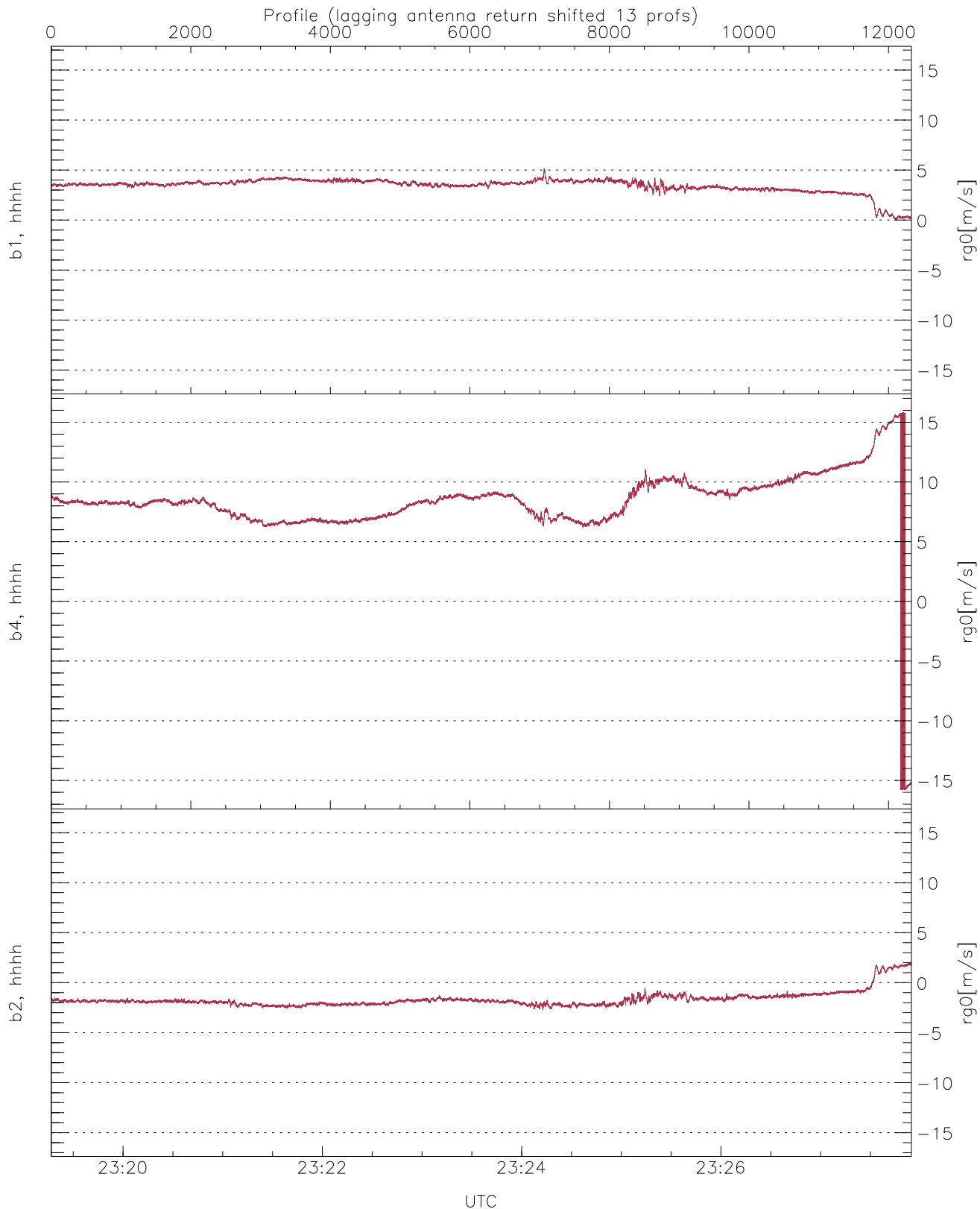
WCR2 CPP Received Power Products for Range gate 0 (105.1 m)

	Min	Max	Mean
up(hh [dBm])	-28.98	-9.37	-16.73
down-aft(hh [dBm])	-20.67	-3.60	-11.52
down(hh [dBm])	-20.79	-2.99	-10.51



WCR2 CPP Received Power Ratio; Range gates used: 0,1 (105,120 m)

	Min	Max	Mean
up/down(hh[dB])	-12.25	-1.85	-5.31
down/down-aft(hh[dB])	-1.61	6.61	1.90



WCR2 CPP Doppler Velocity Products at 105.1 m range

	Min	Max	Mean	StDev
b1, hhhh(rg0[m/s])	0.03	5.13	3.41	0.75
b4, hhhh(rg0[m/s])	-15.80	15.80	8.42	2.91
b2, hhhh(rg0[m/s])	-2.74	1.96	-1.65	0.79