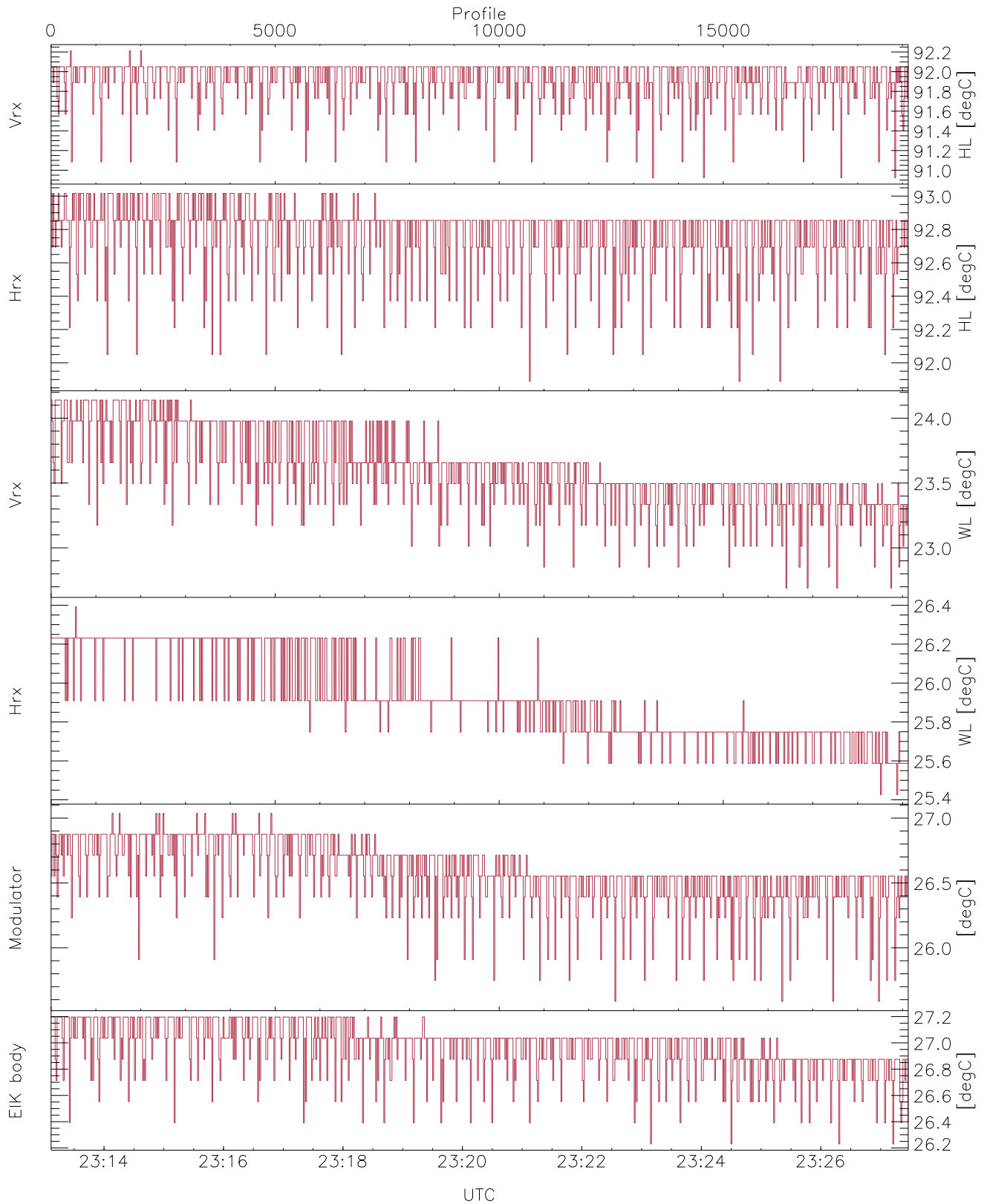


WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

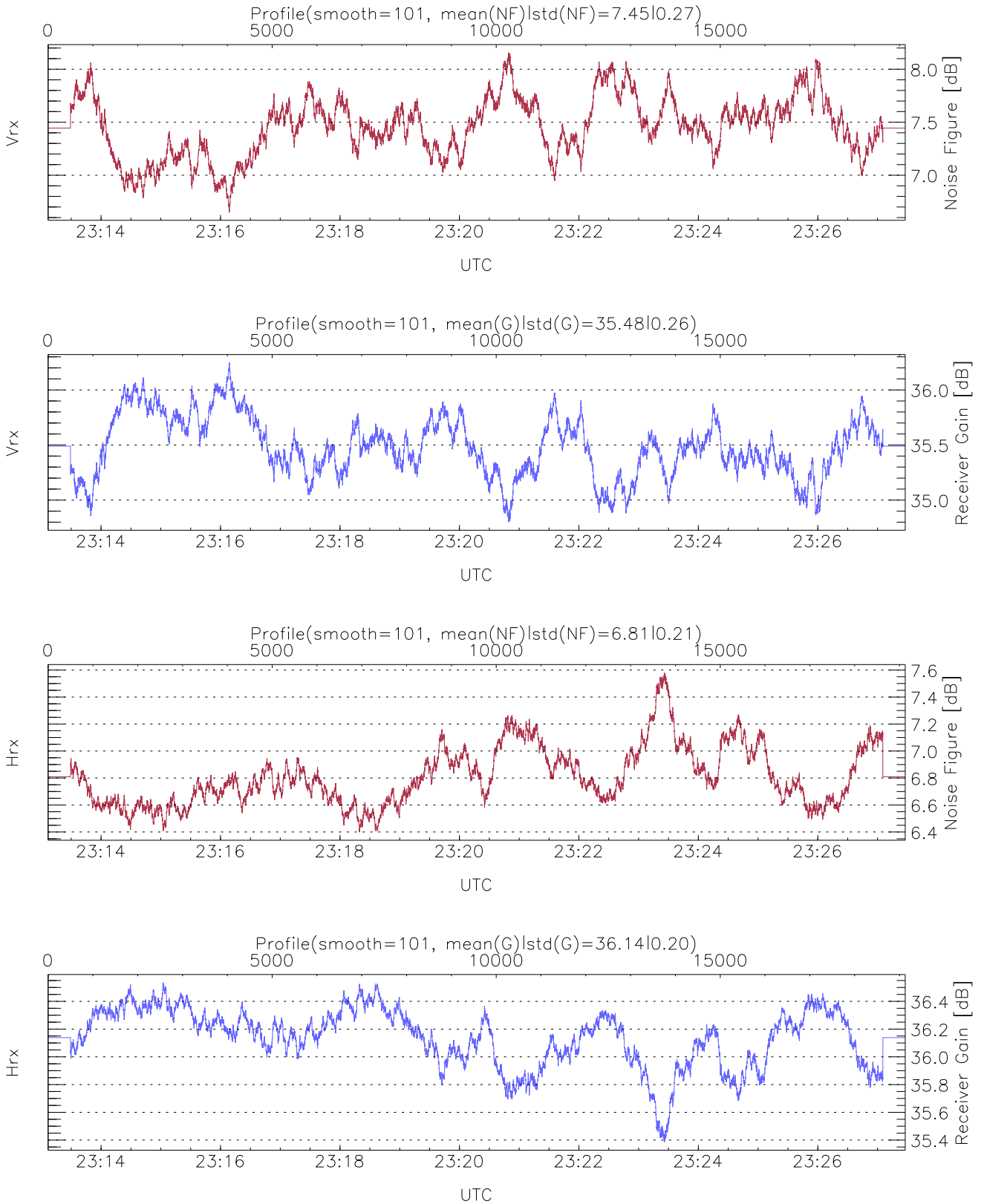
UTC: 23:13:07-23:27:28, TimeCor: 0.00s, Dur: 861.02s
 TimeFlg: 1, TFPstatus constant.
 TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
 NumRec(r/t): 19130/19130, 0-19129/23:13:07-23:27:28
 AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H1 V2 V2 V2 H2 H2 H2
 PRF: 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us
 Range(min,max,rqs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

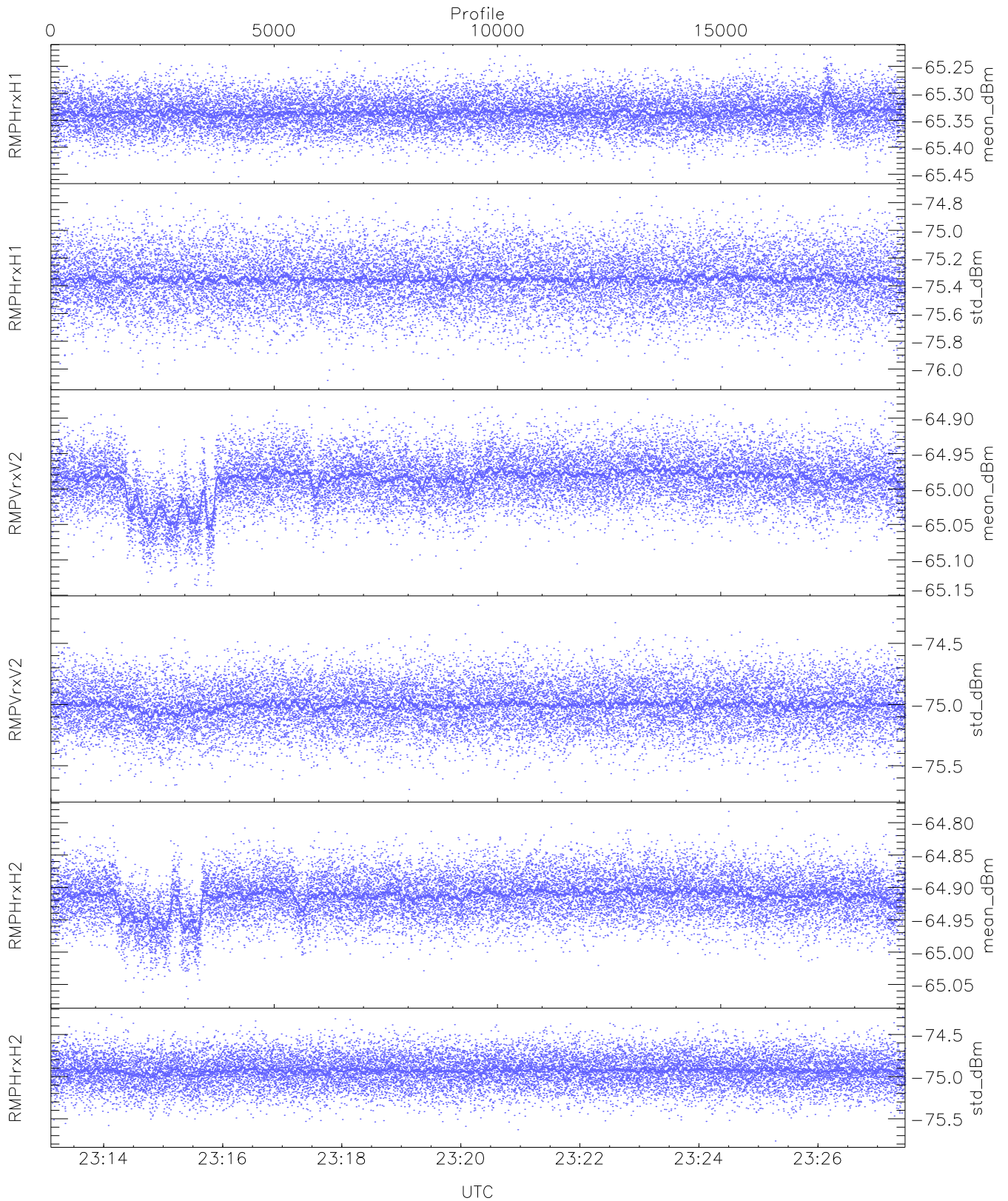
```

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,22,25,25,26
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,24,26,27,27
LOalarm(20,240,2817,14861 MHz): 0,0,22,0
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (24,24,24,46,24,24)
    
```



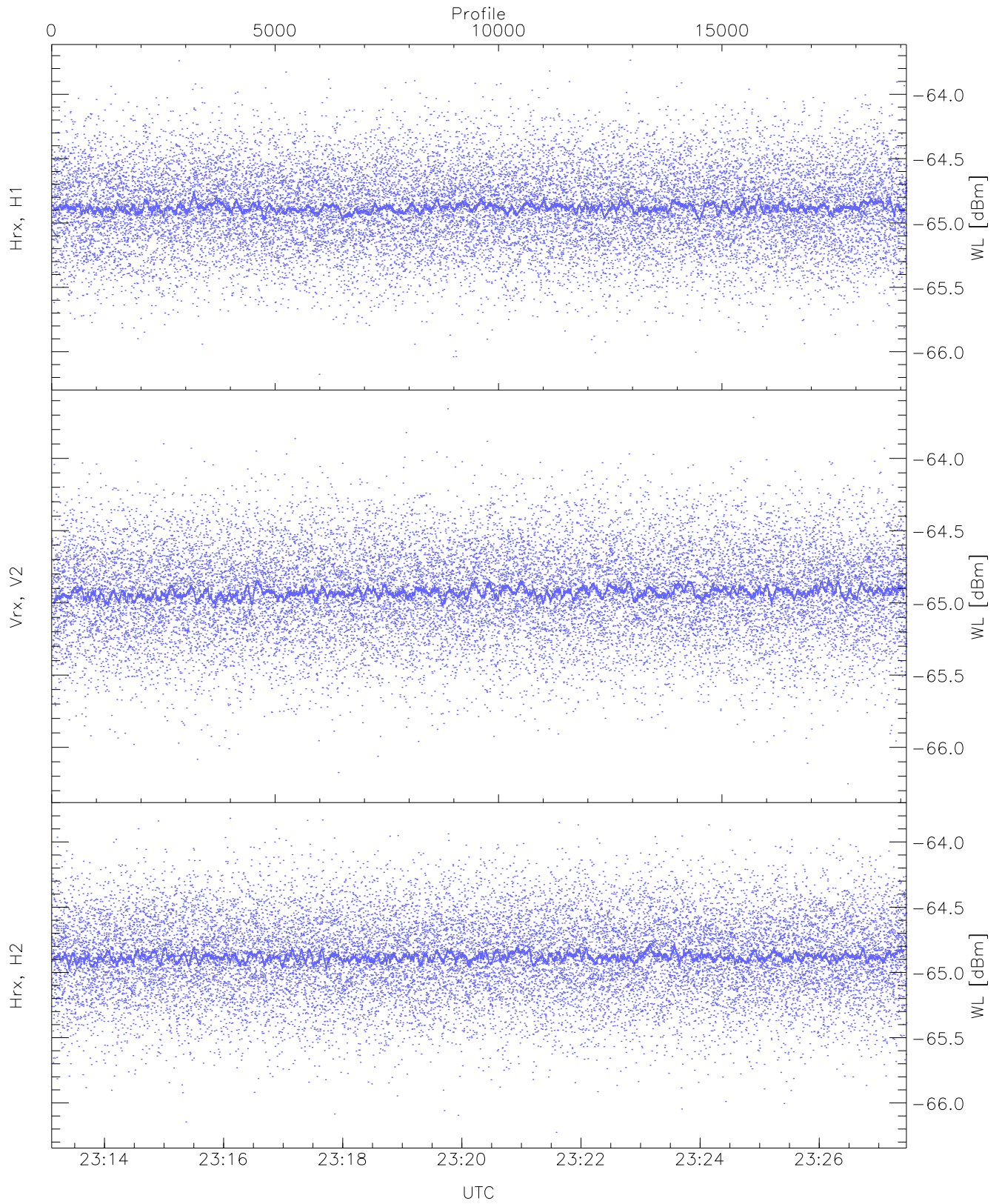
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 0 pixs, 0 gates, 0 profs, 0 prod(s)



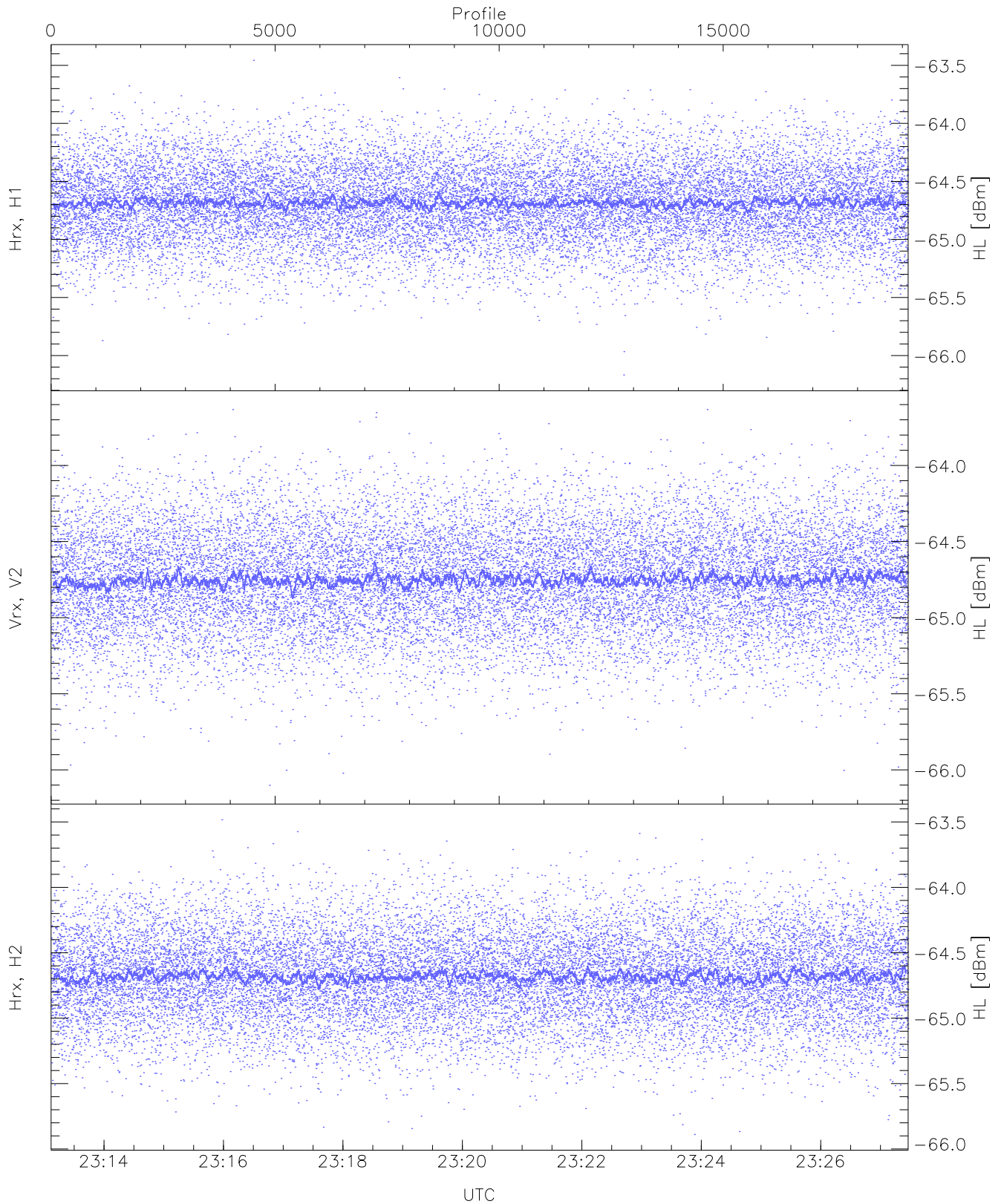
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.46	-65.22	-65.34	-65.34	-86.91
RMPHrxH1(std_dBm)	-76.08	-74.73	-75.35	-75.35	-89.15
RMPVrxV2(mean_dBm)	-65.14	-64.87	-64.99	-64.99	-85.96
RMPVrxV2(std_dBm)	-75.72	-74.19	-75.00	-75.01	-88.79
RMPHrxH2(mean_dBm)	-65.07	-64.78	-64.91	-64.91	-86.11
RMPHrxH2(std_dBm)	-75.76	-74.26	-74.93	-74.93	-88.70



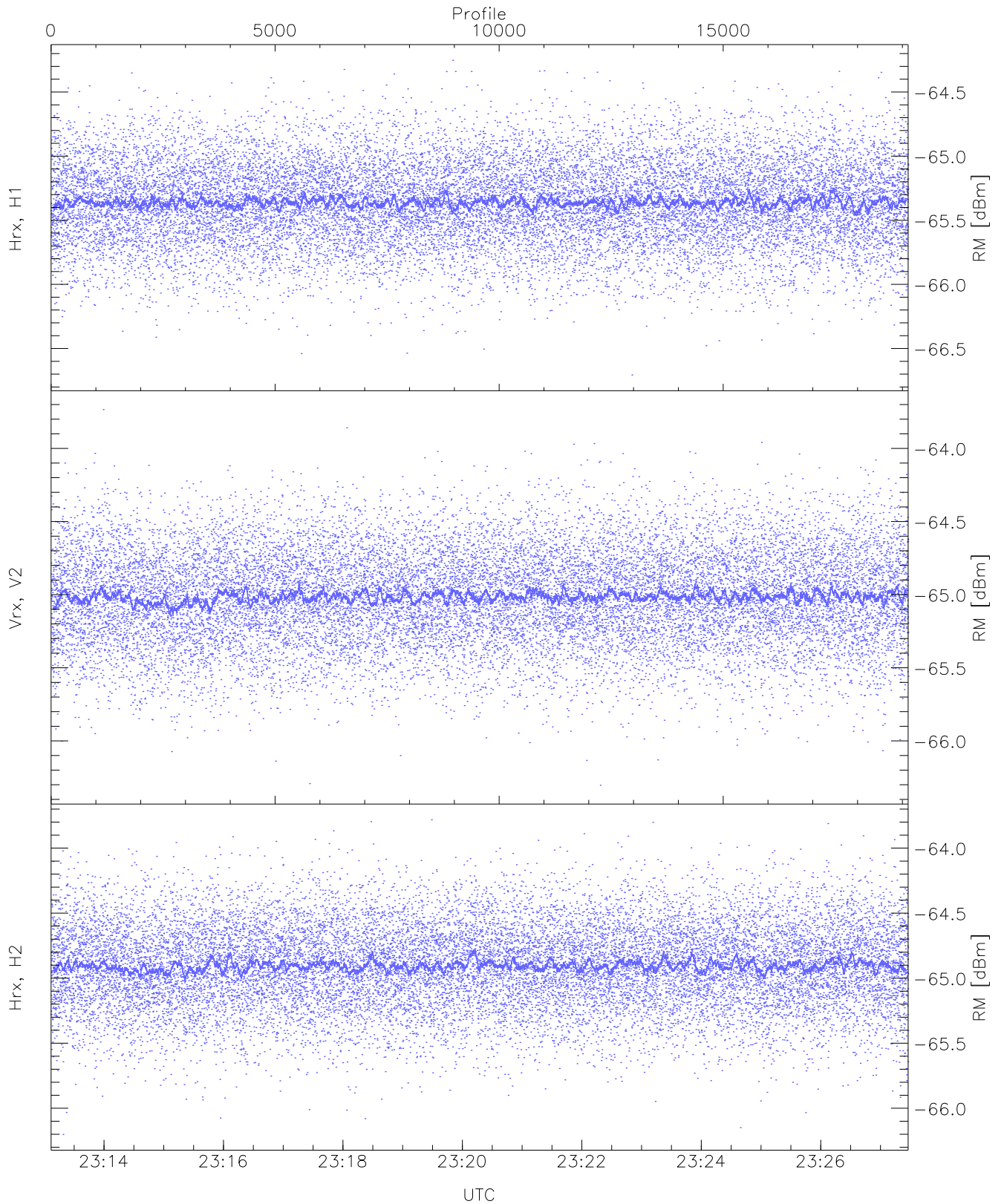
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.18	-63.74	-64.87	-64.88	-76.39
Vrx, V2 (WL [dBm])	-66.25	-63.66	-64.92	-64.93	-76.46
Hrx, H2 (WL [dBm])	-66.23	-63.82	-64.87	-64.88	-76.36



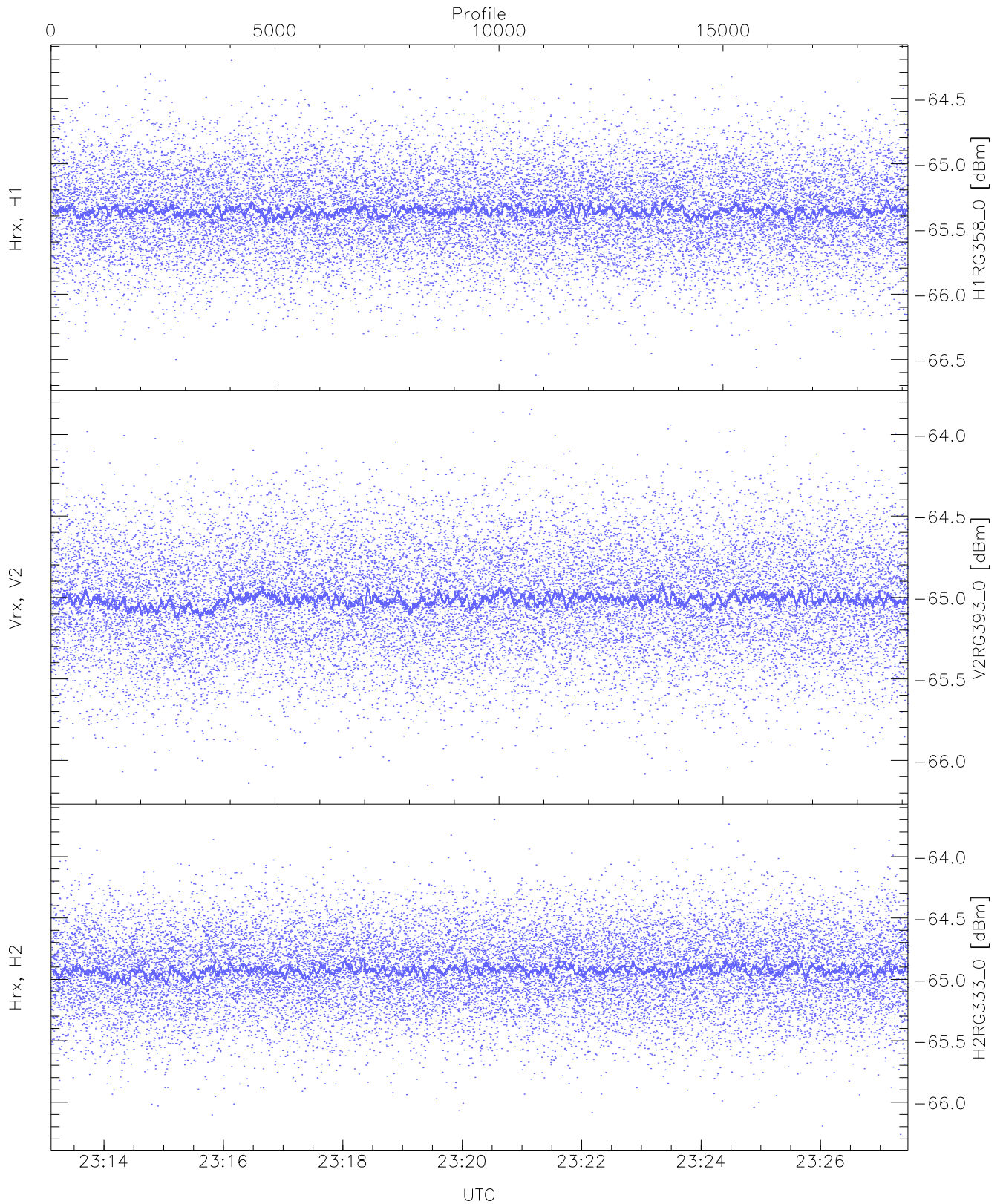
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.17	-63.46	-64.68	-64.68	-76.20
Vrx, V2 (HL [dBm])	-66.10	-63.63	-64.74	-64.75	-76.27
Hrx, H2 (HL [dBm])	-65.89	-63.48	-64.67	-64.68	-76.19



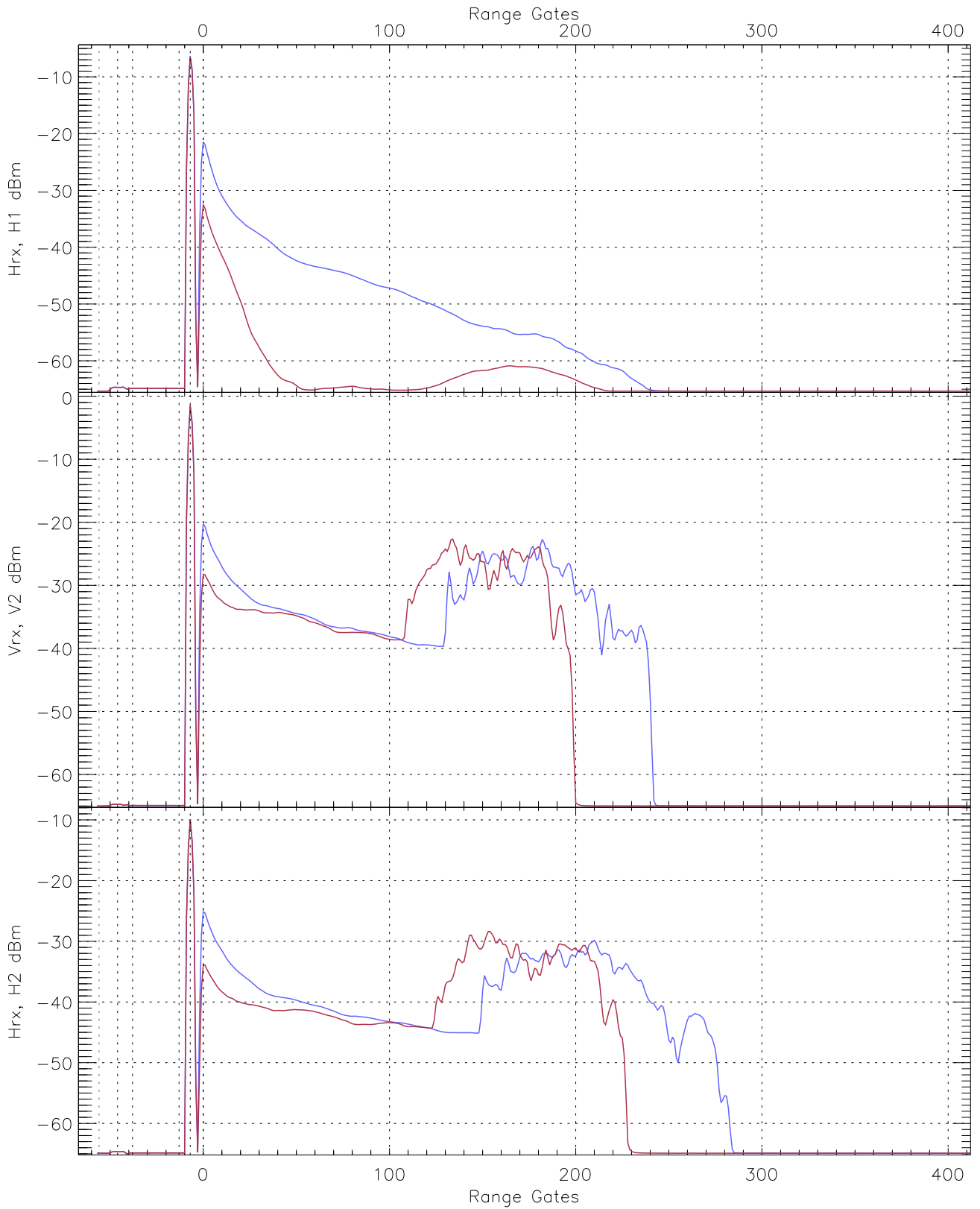
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.71	-64.25	-65.35	-65.36	-76.85
Vrx, V2 (RM [dBm])	-66.30	-63.73	-65.01	-65.02	-76.50
Hrx, H2 (RM [dBm])	-66.20	-63.78	-64.90	-64.91	-76.39

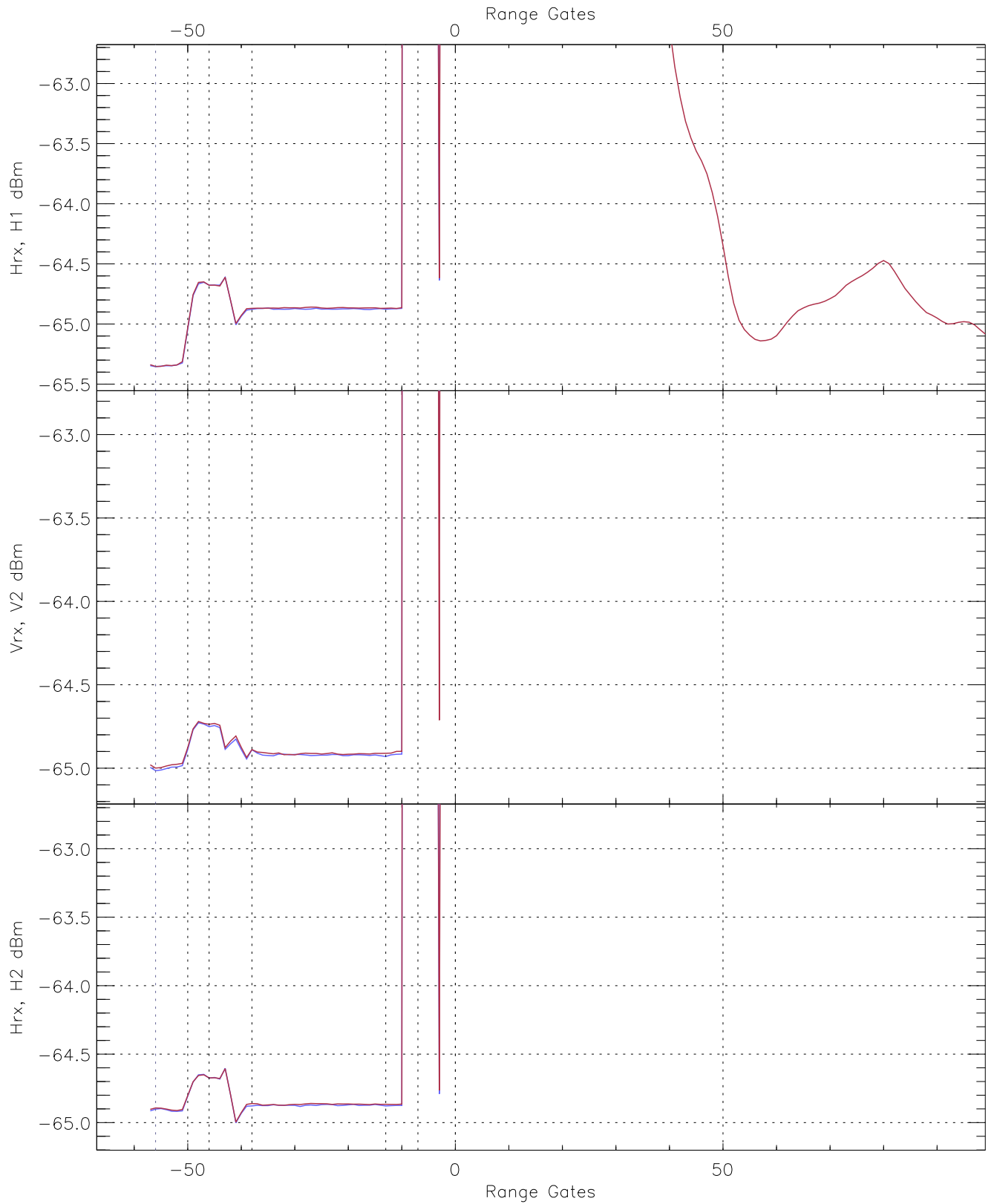


WCR3 CPP "Best" estimate Receivers Noise Power

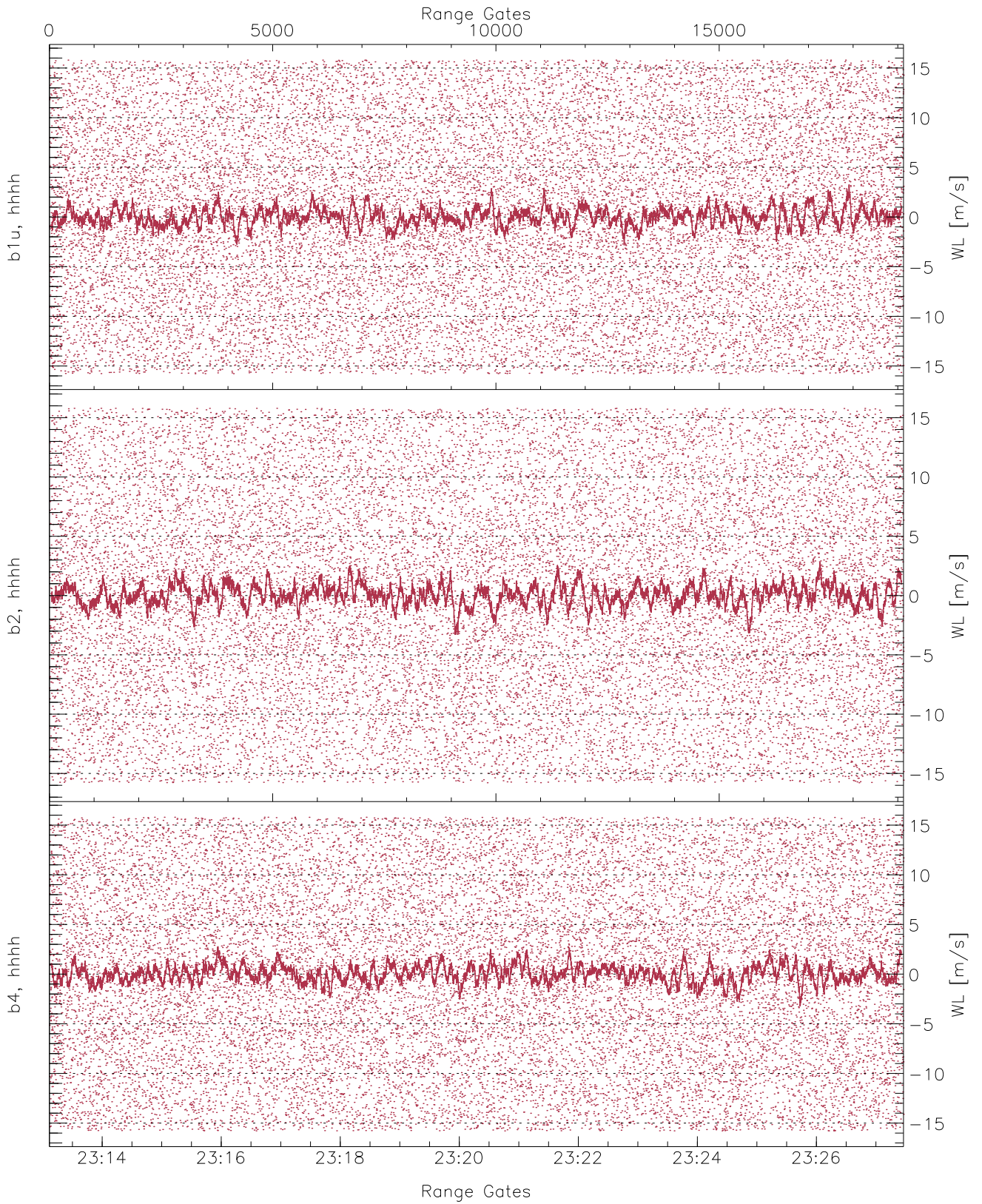
	Min	Max	Mean	Median	StDev
H1RG358_0 [dBm]	-66.62	-64.21	-65.35	-65.36	-76.85
V2RG393_0 [dBm]	-66.15	-63.85	-65.01	-65.01	-76.48
H2RG333_0 [dBm]	-66.26	-63.70	-64.92	-64.93	-76.43



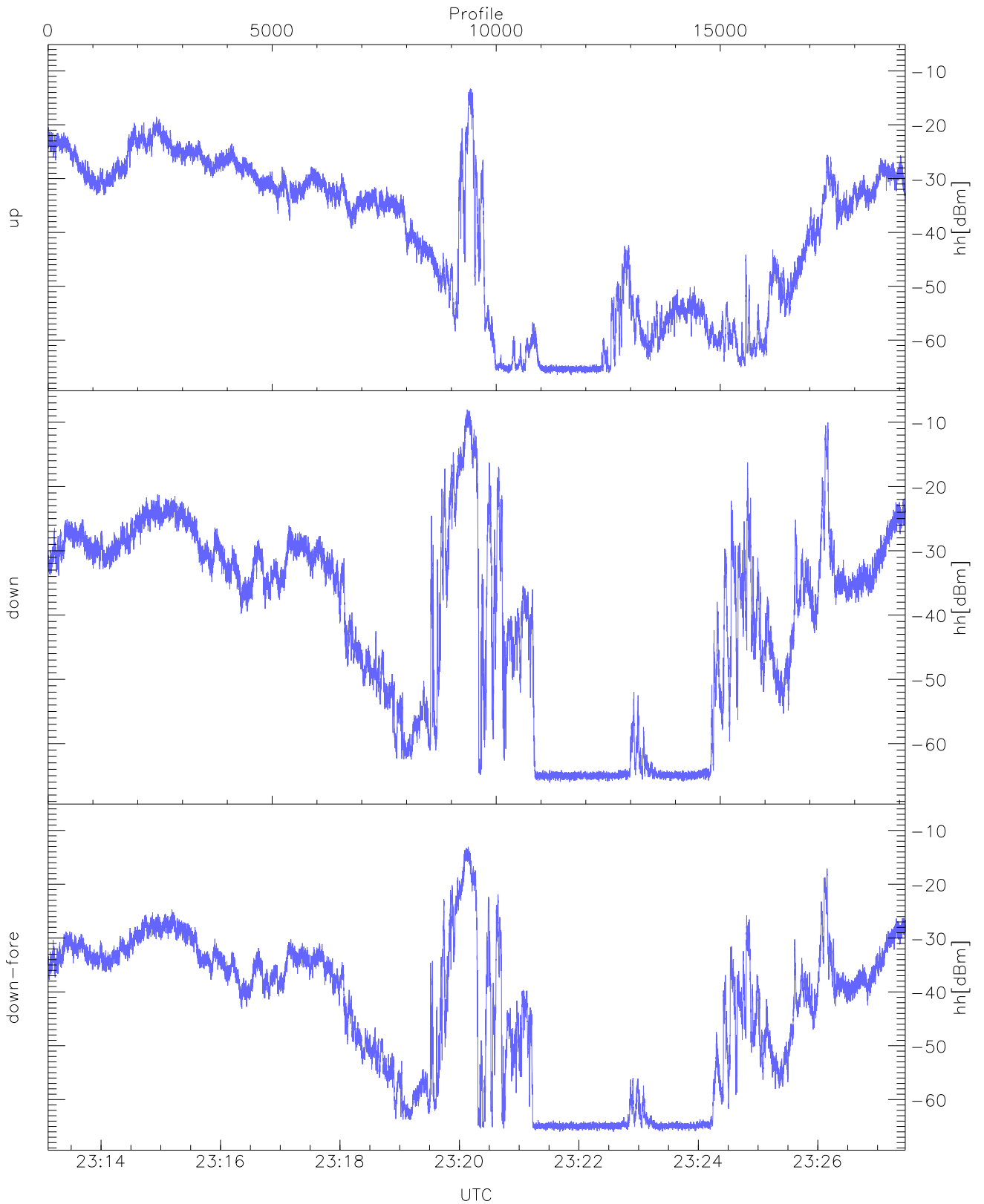
WCR3 CPP Averaged Received power for all recorded gates
blue: 231307-232017, 9566 profiles averaged
red: 232017-232728, 9565 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 231307-232017, 9566 profiles averaged
red: 232017-232728, 9565 profiles averaged

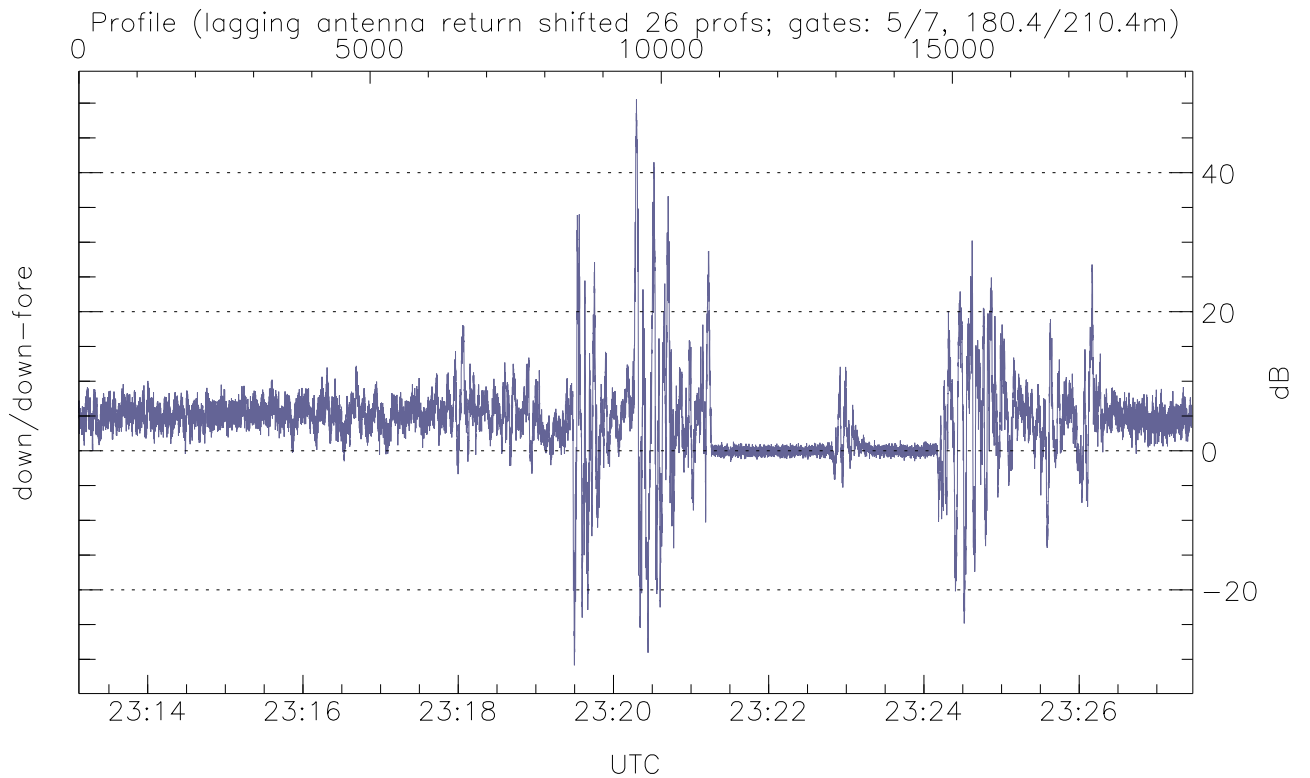
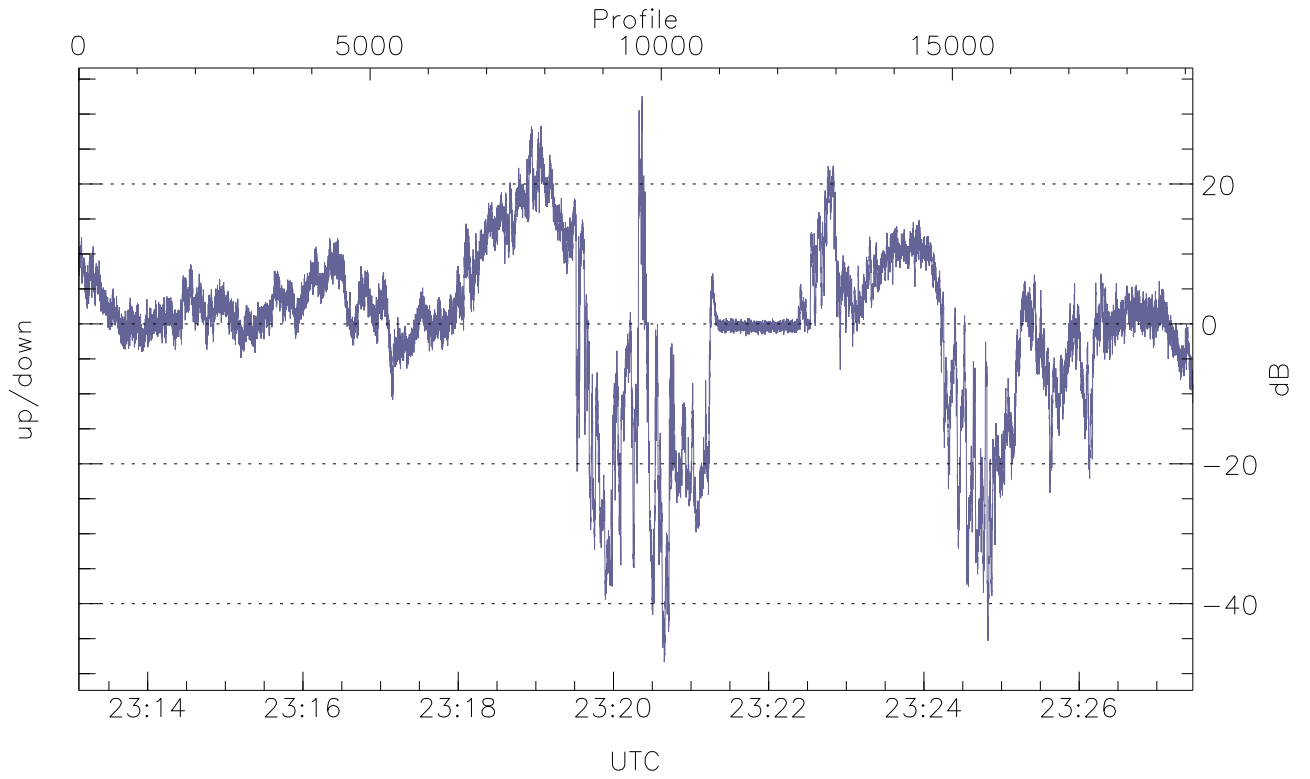


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



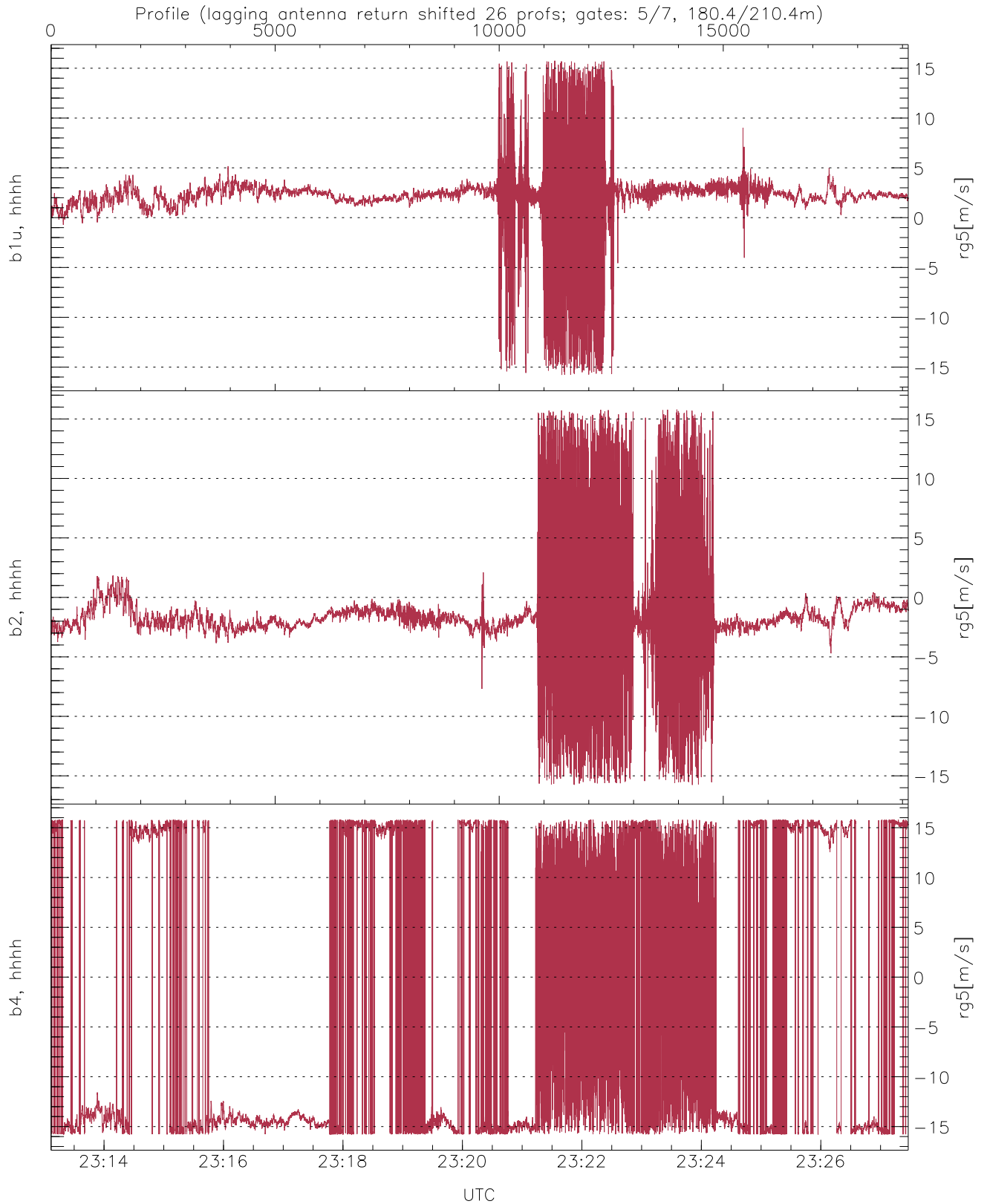
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.48	-13.29	-29.49
down(hh[dBm])	-66.07	-8.02	-26.38
down-fore(hh[dBm])	-65.97	-13.04	-31.07



WCR3 Beam pairs Received Power Ratio(s); RangeGate: 5 (180 m)

	Min	Max	Mean
up/down (dB)	-48.35	32.54	-0.40
down/down-fore (dB)	-30.85	50.52	4.02



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.75	2.10	2.73
b2, hhhh(rg5[m/s])	-15.76	15.79	-1.42	3.62
b4, hhhh(rg5[m/s])	-15.79	15.79	-2.82	13.78