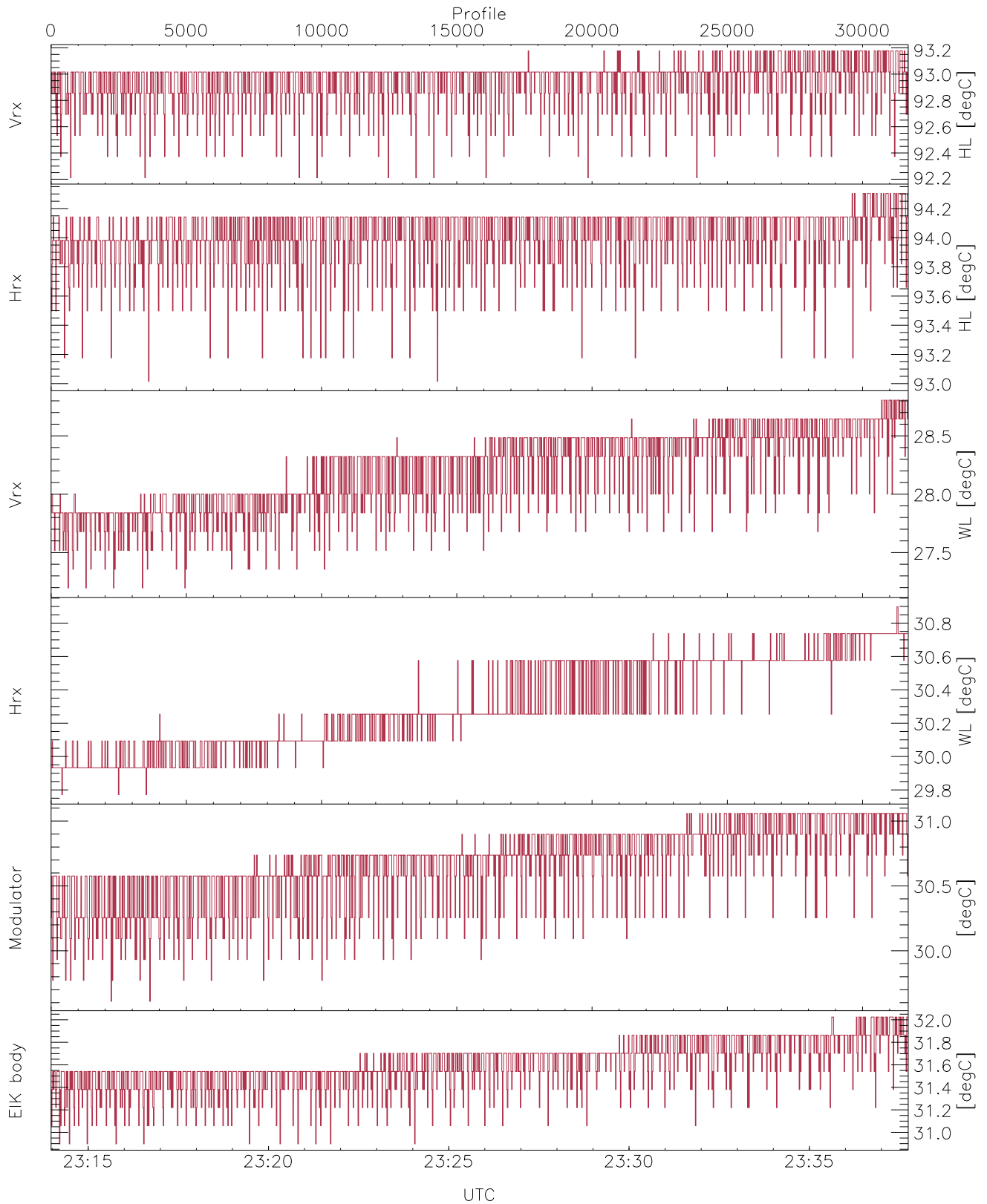




WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

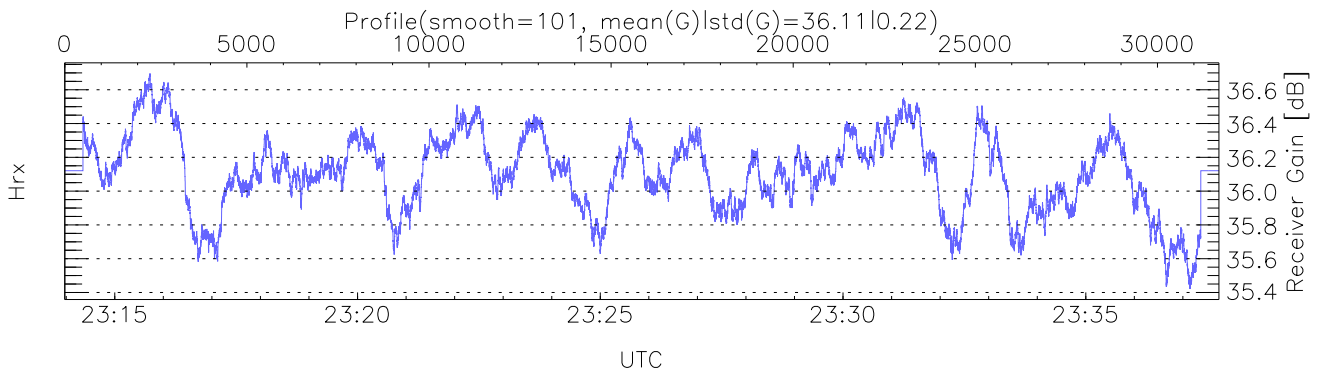
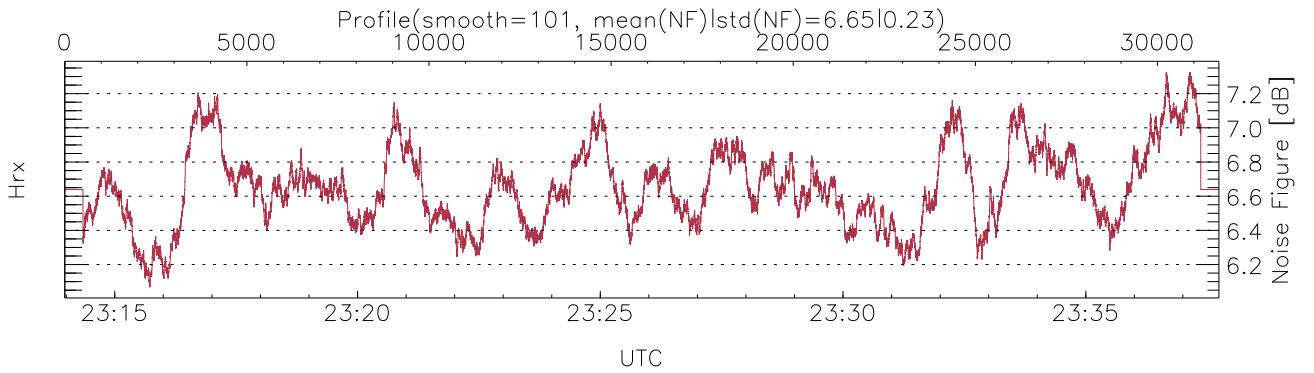
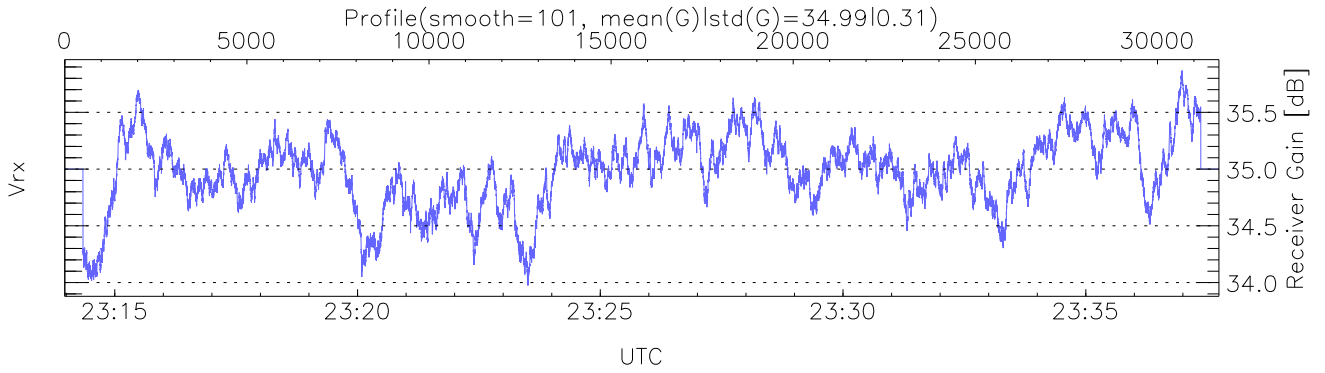
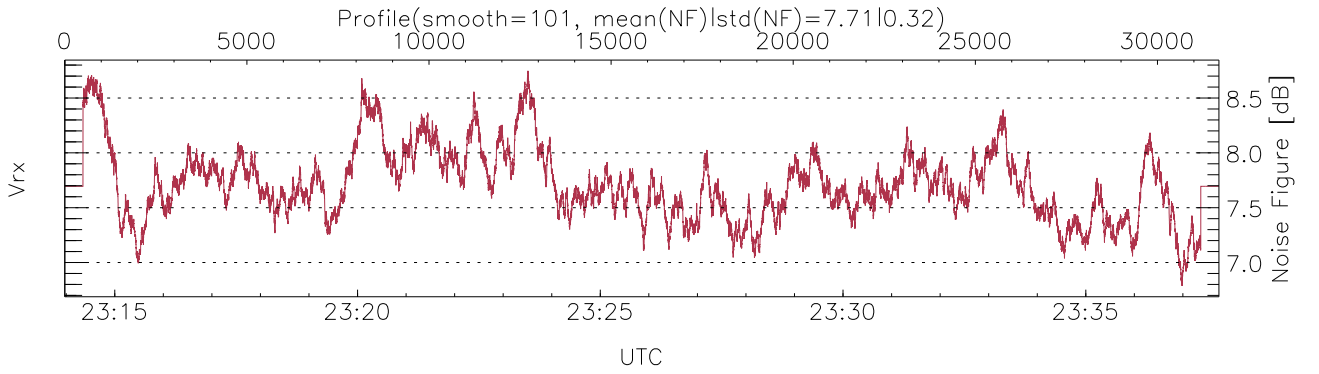
UTC: 23:13:58-23:37:45, TimeCor: 0.00s, Dur: 1426.36s  
 TimeFlg: 1, TFPstatus constant.  
 TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2  
 NumRec(r/t): 31690/31690, 0-31689/23:13:58-23:37:45  
 AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100  
 Pulse: 250ns, 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

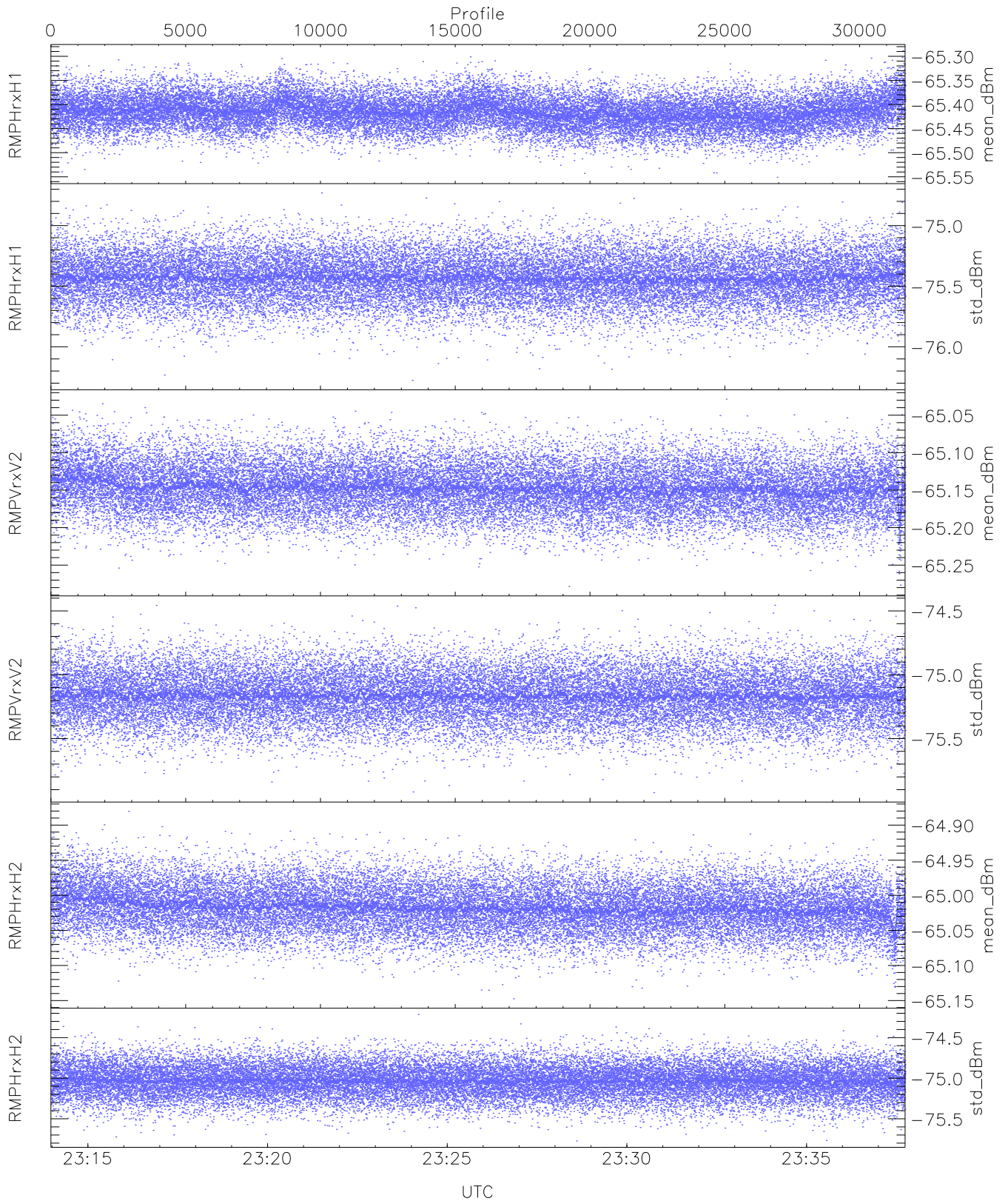
```

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,27,29,29,30
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,28,30,31,32
LOalarm(20,240,2817,14861 MHz): 0,0,44,0
EIK Faults(# prof affected):
    BodyCurr,DeckF,OverDuty (22,22,22)
    
```



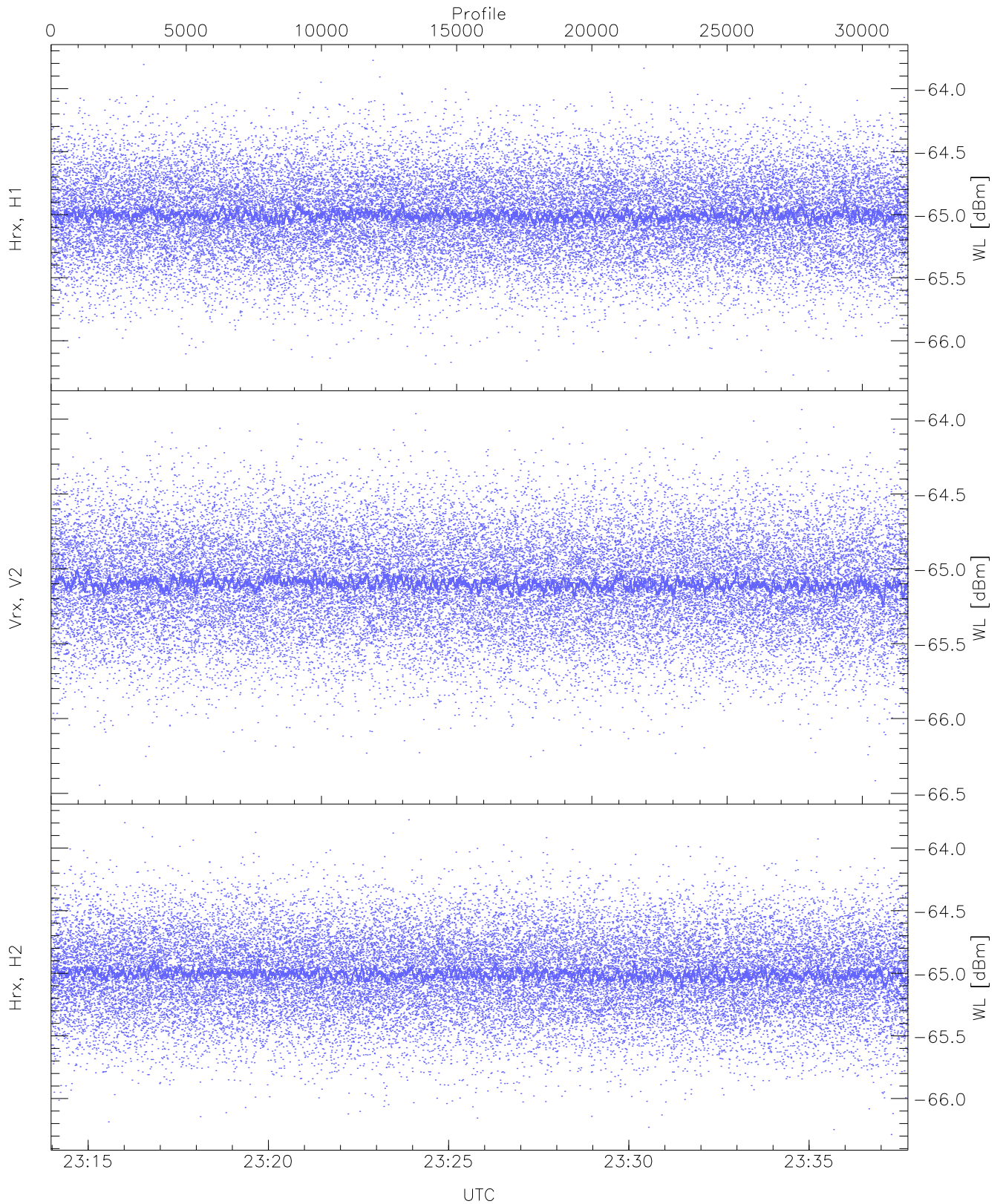
### WCR3 CPP Receivers Gain and Noise Figure

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



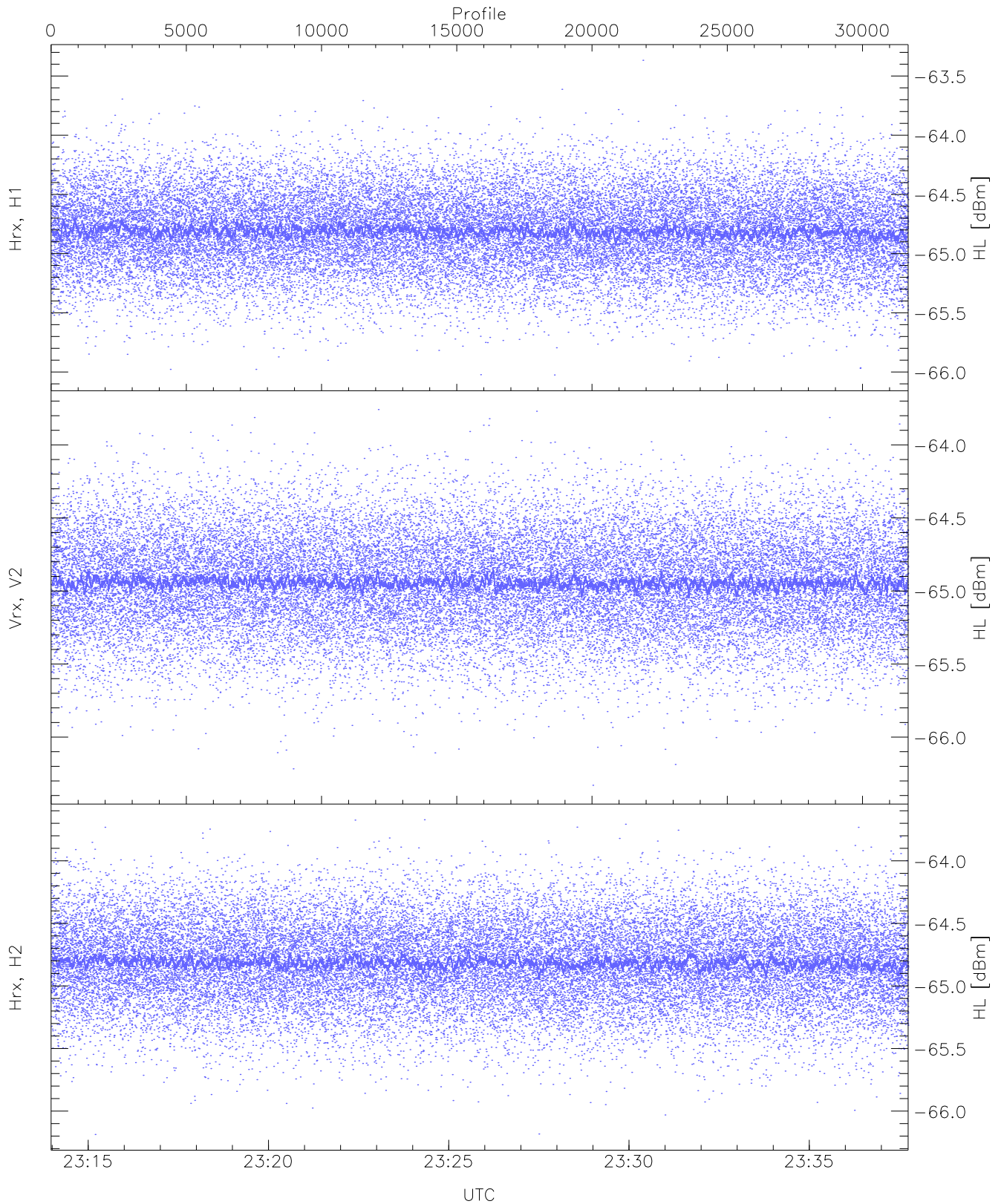
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.55	-65.29	-65.42	-65.42	-86.81
RMPHrxH1(std_dBm)	-76.28	-74.73	-75.43	-75.43	-89.23
RMPVrxV2(mean_dBm)	-65.28	-65.03	-65.15	-65.15	-86.70
RMPVrxV2(std_dBm)	-75.92	-74.46	-75.16	-75.17	-88.97
RMPHrxH2(mean_dBm)	-65.15	-64.88	-65.02	-65.02	-86.51
RMPHrxH2(std_dBm)	-75.77	-74.21	-75.03	-75.03	-88.82



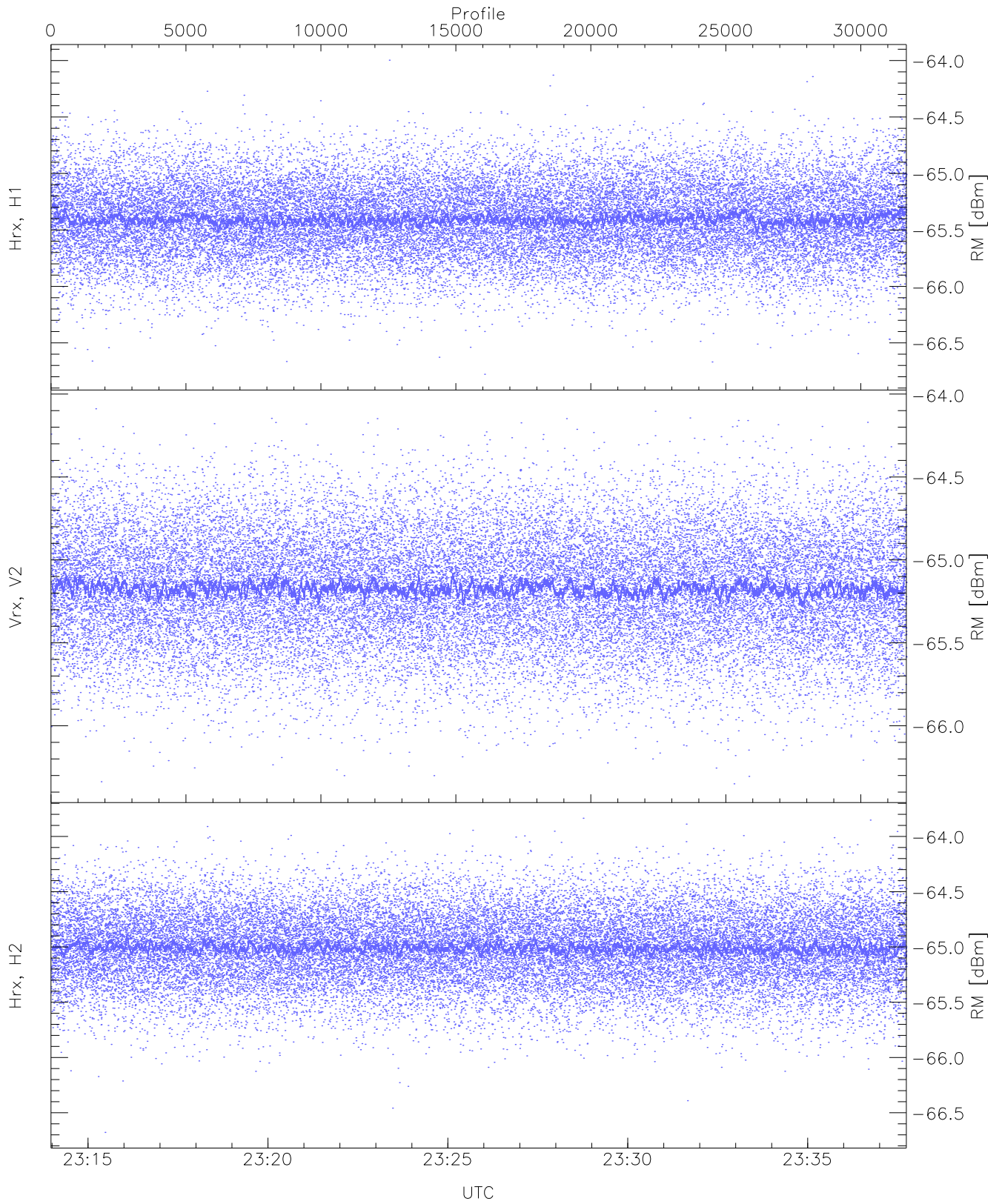
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.27	-63.78	-65.00	-65.01	-76.50
Vrx, V2 (WL [dBm])	-66.45	-63.94	-65.09	-65.10	-76.60
Hrx, H2 (WL [dBm])	-66.29	-63.77	-65.00	-65.01	-76.51



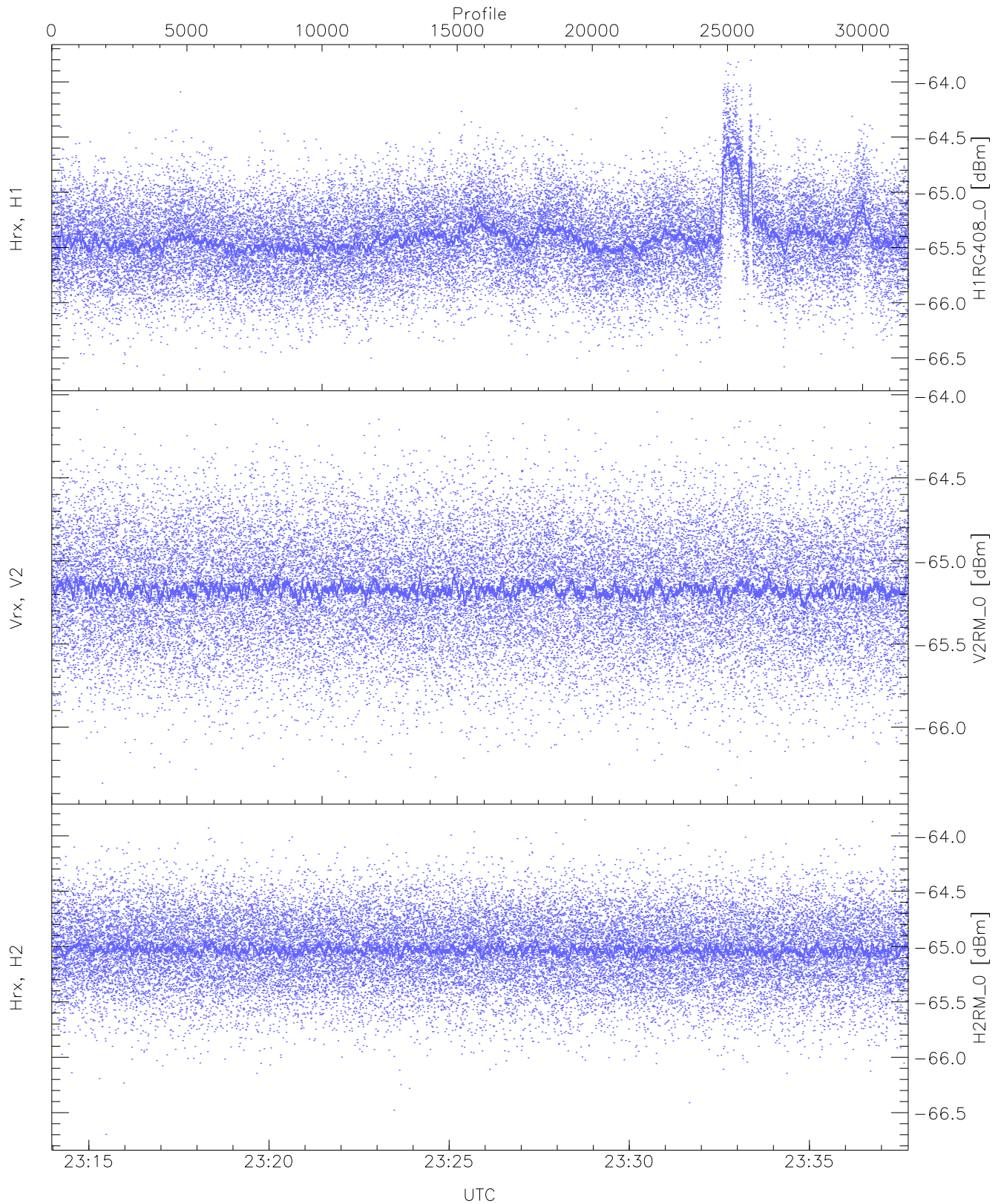
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.03	-63.37	-64.81	-64.81	-76.31
Vrx, V2 (HL [dBm])	-66.33	-63.76	-64.94	-64.94	-76.46
Hrx, H2 (HL [dBm])	-66.19	-63.67	-64.81	-64.82	-76.29



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

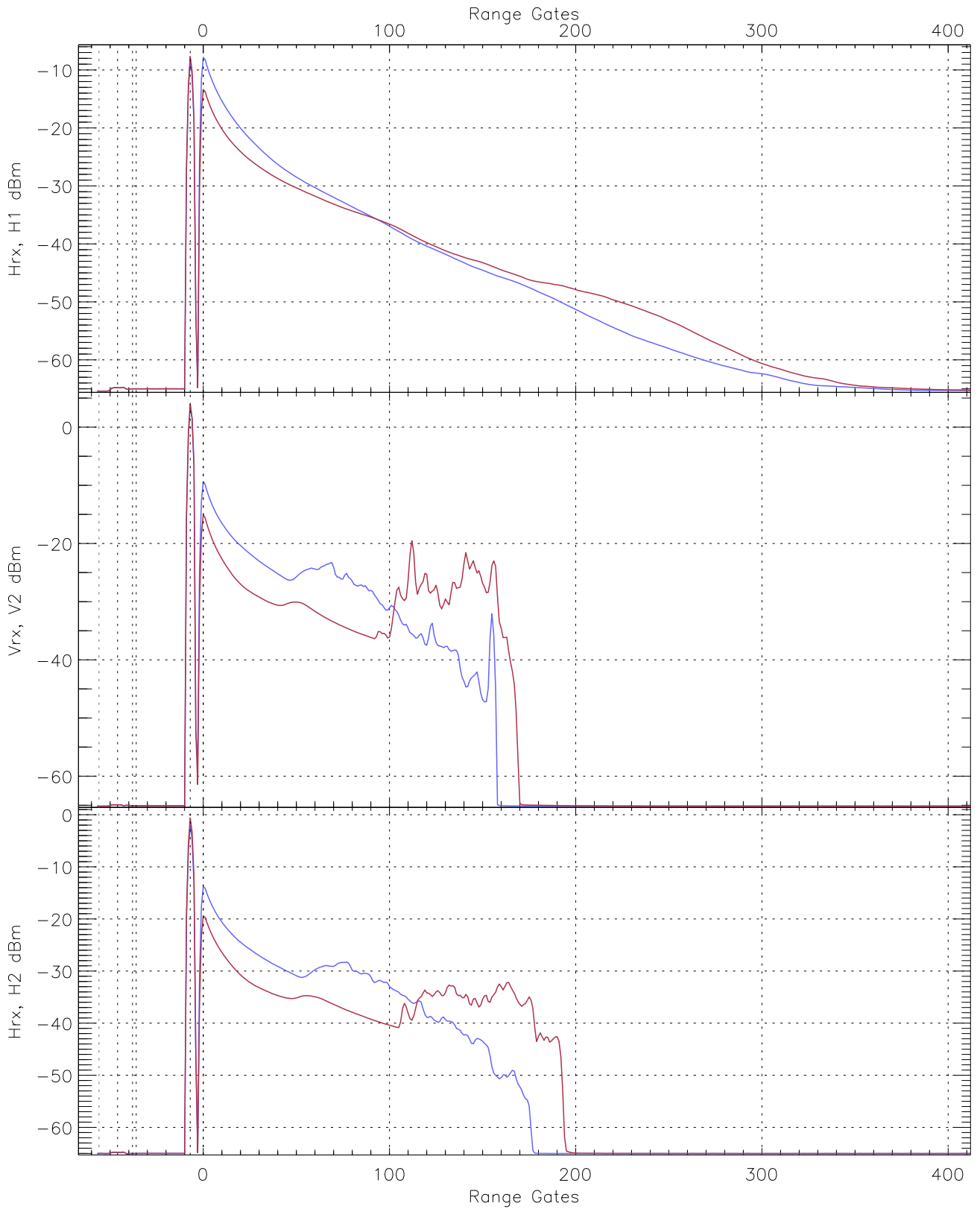
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.78	-64.00	-65.40	-65.41	-76.88
Vrx, V2 (RM [dBm])	-66.35	-64.09	-65.17	-65.17	-76.68
Hrx, H2 (RM [dBm])	-66.68	-63.84	-65.00	-65.01	-76.51



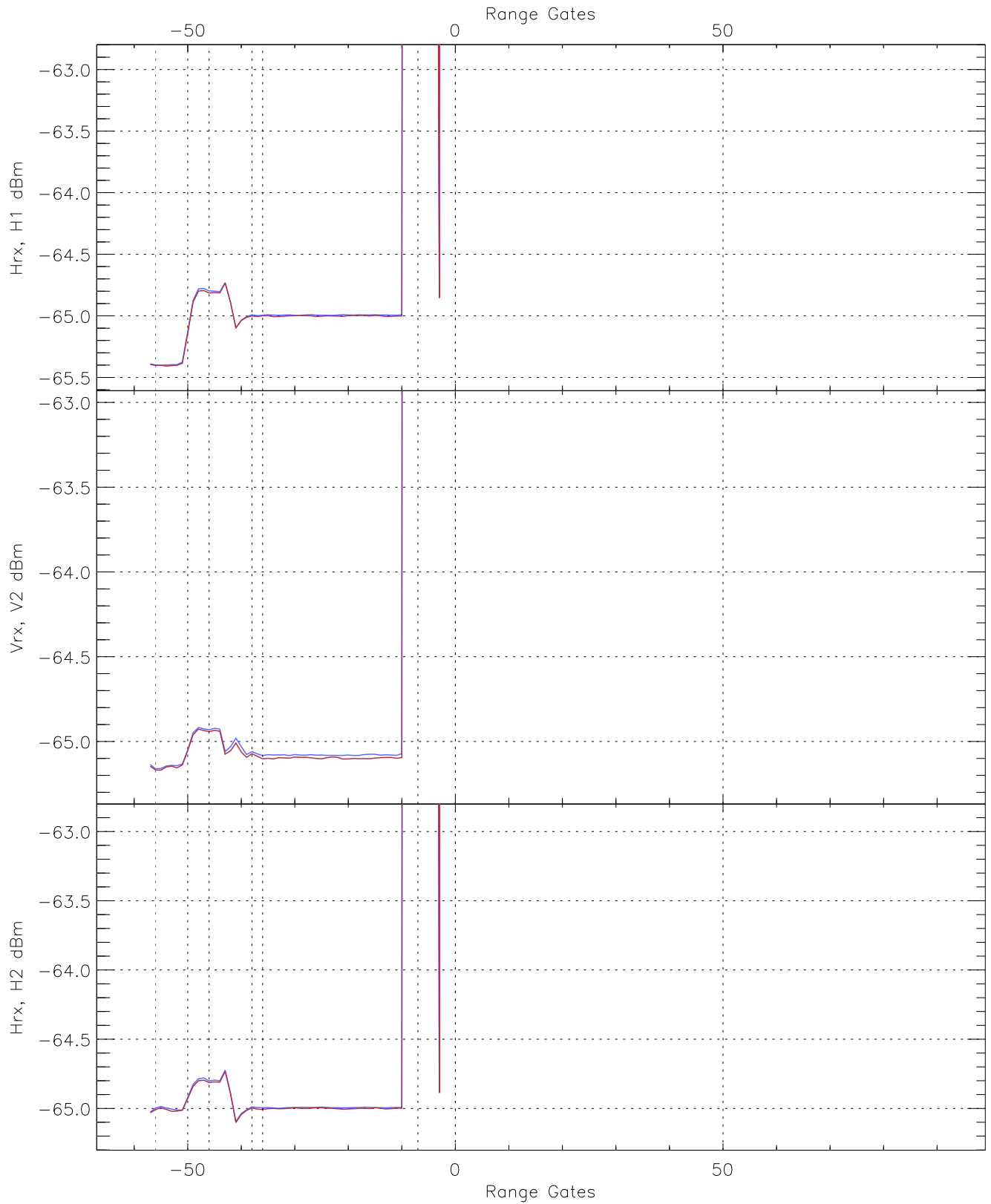
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG408_0 [dBm]	-66.66	-63.80	-65.40	-65.42	-76.45
V2RM_0 [dBm]	-66.35	-64.09	-65.17	-65.17	-76.68
H2RM_0 [dBm]	-66.70	-63.86	-65.02	-65.03	-76.53

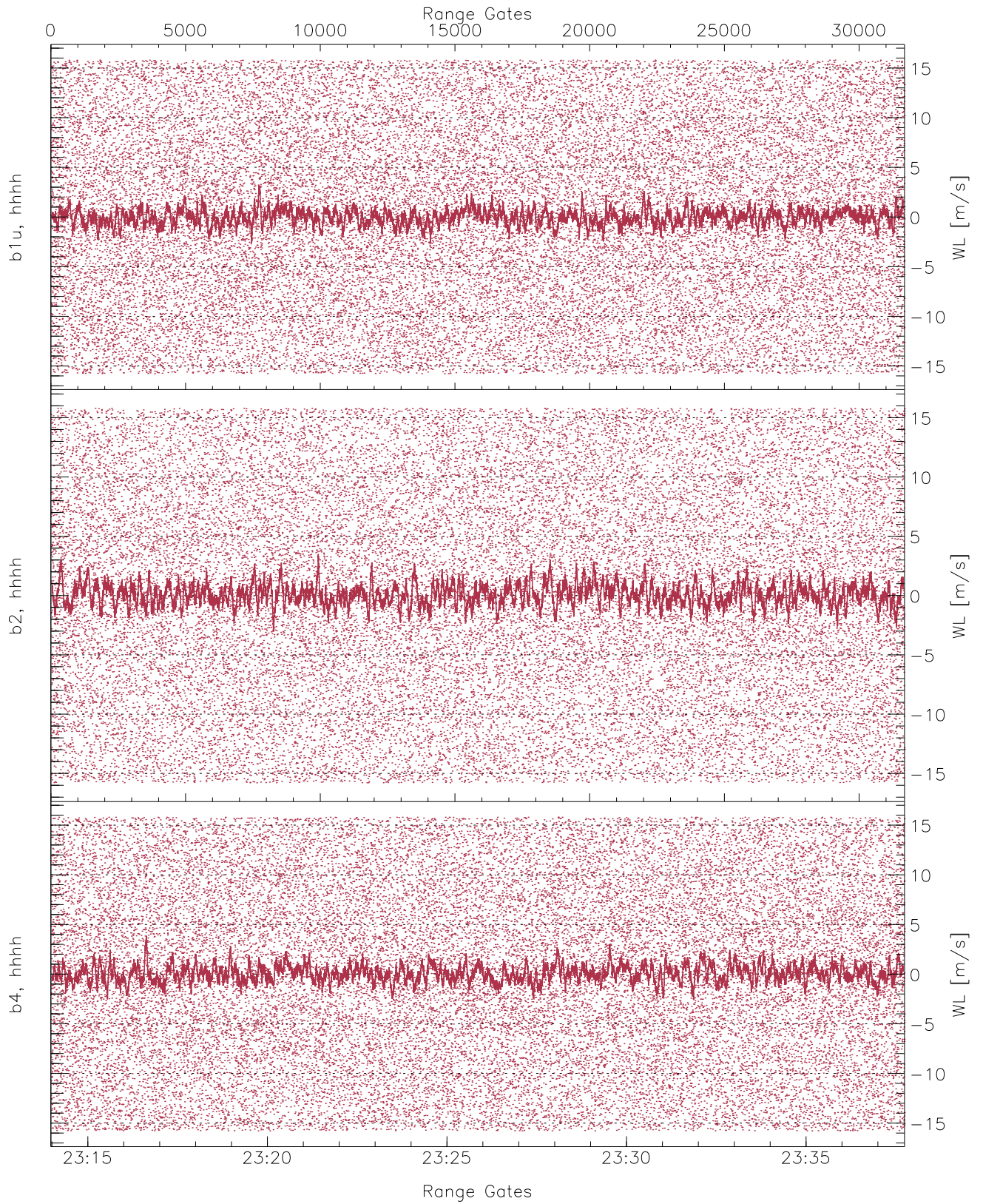




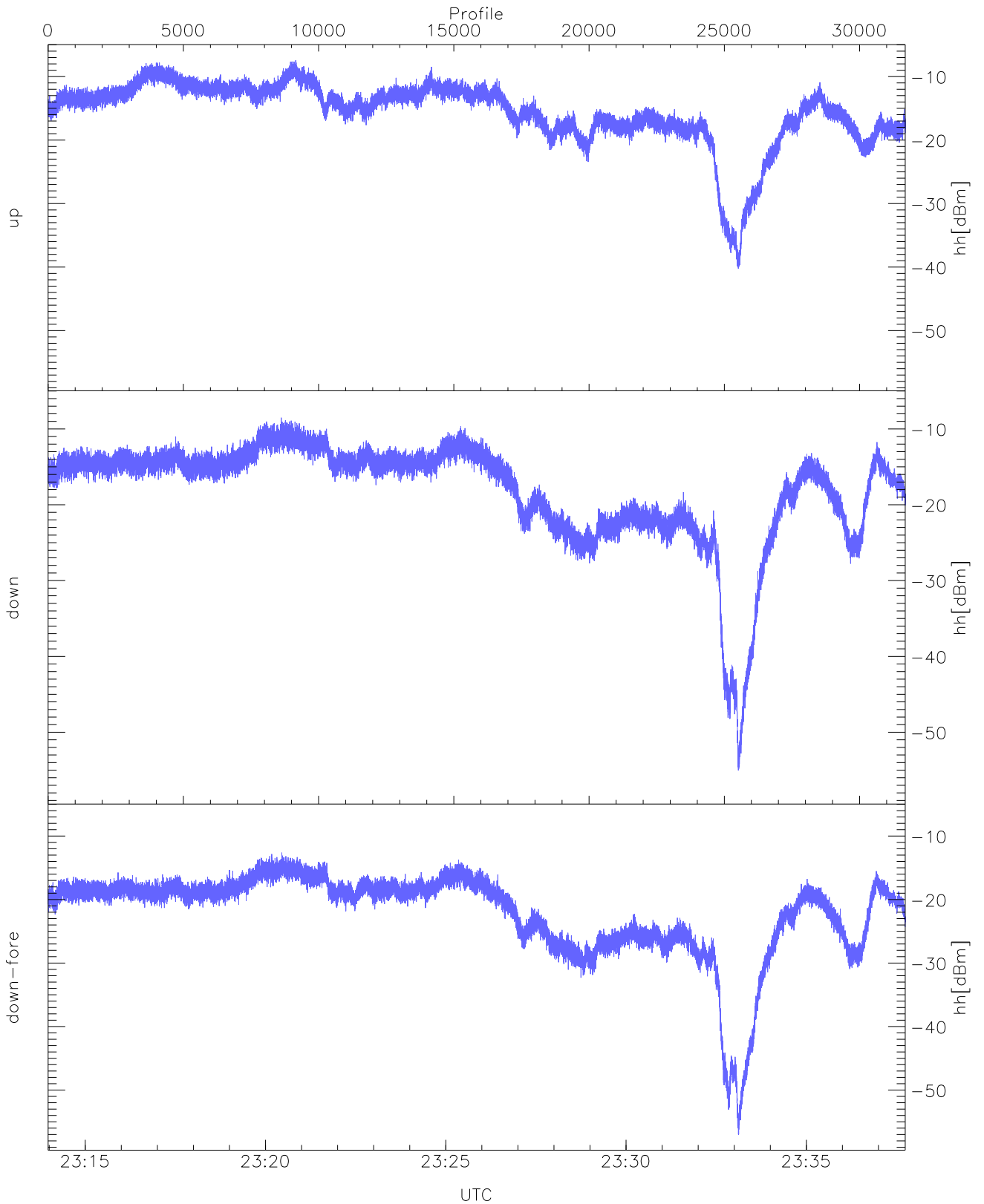
WCR3 CPP Averaged Received power for all recorded gates  
blue: 231358-232551, 15846 profiles averaged  
red: 232551-233745, 15845 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 231358-232551, 15846 profiles averaged  
red: 232551-233745, 15845 profiles averaged

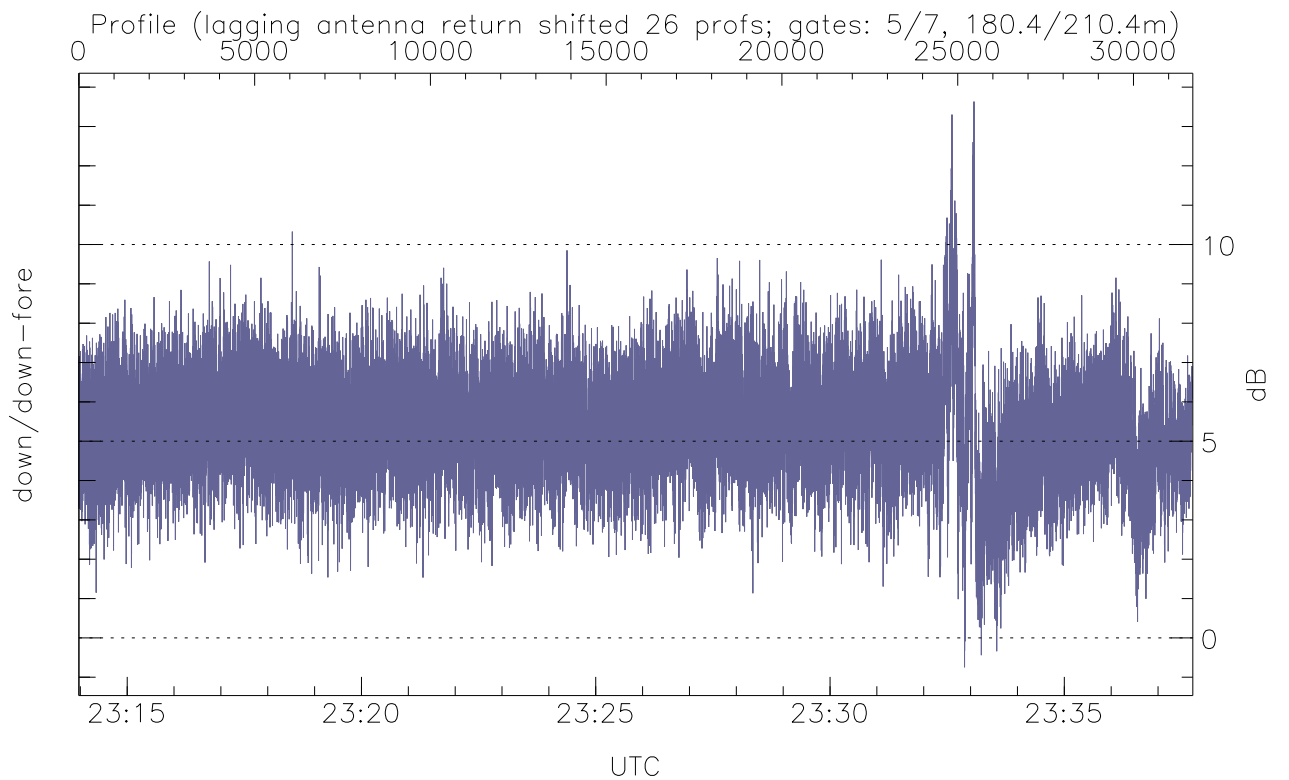
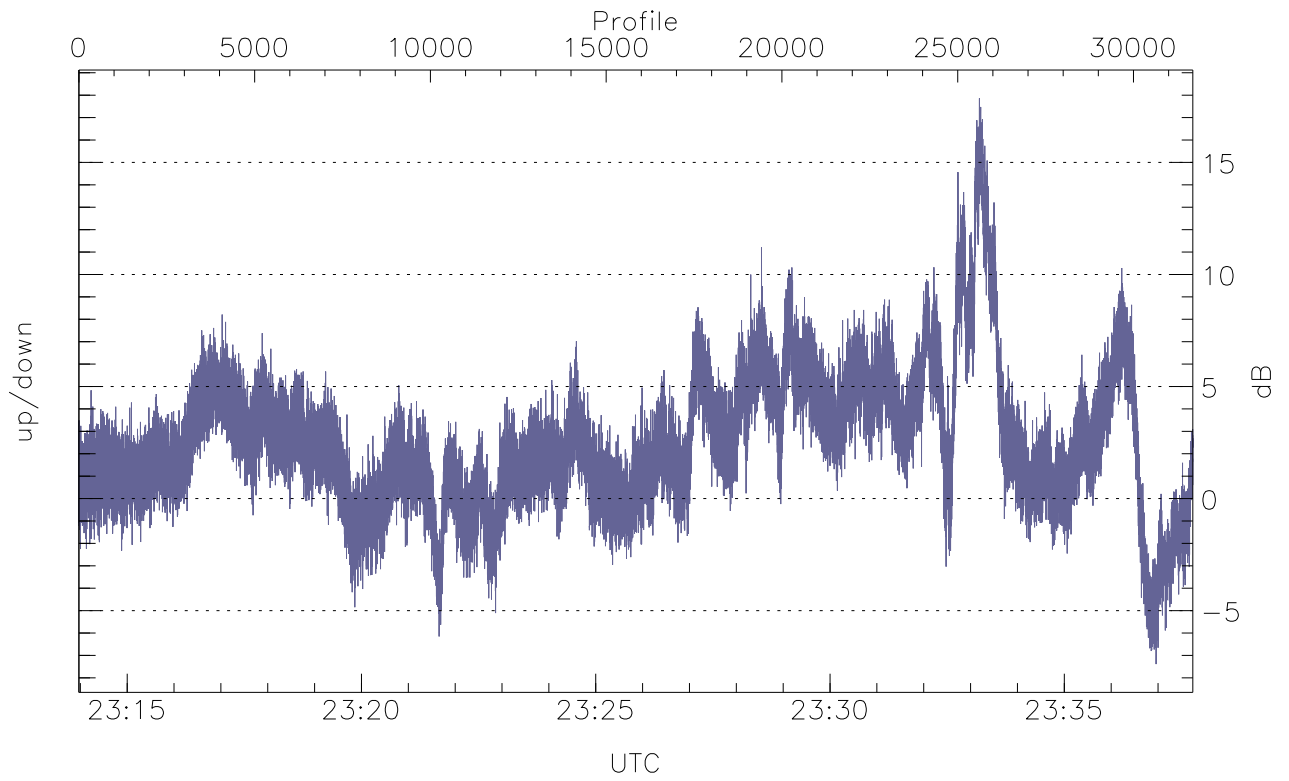


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



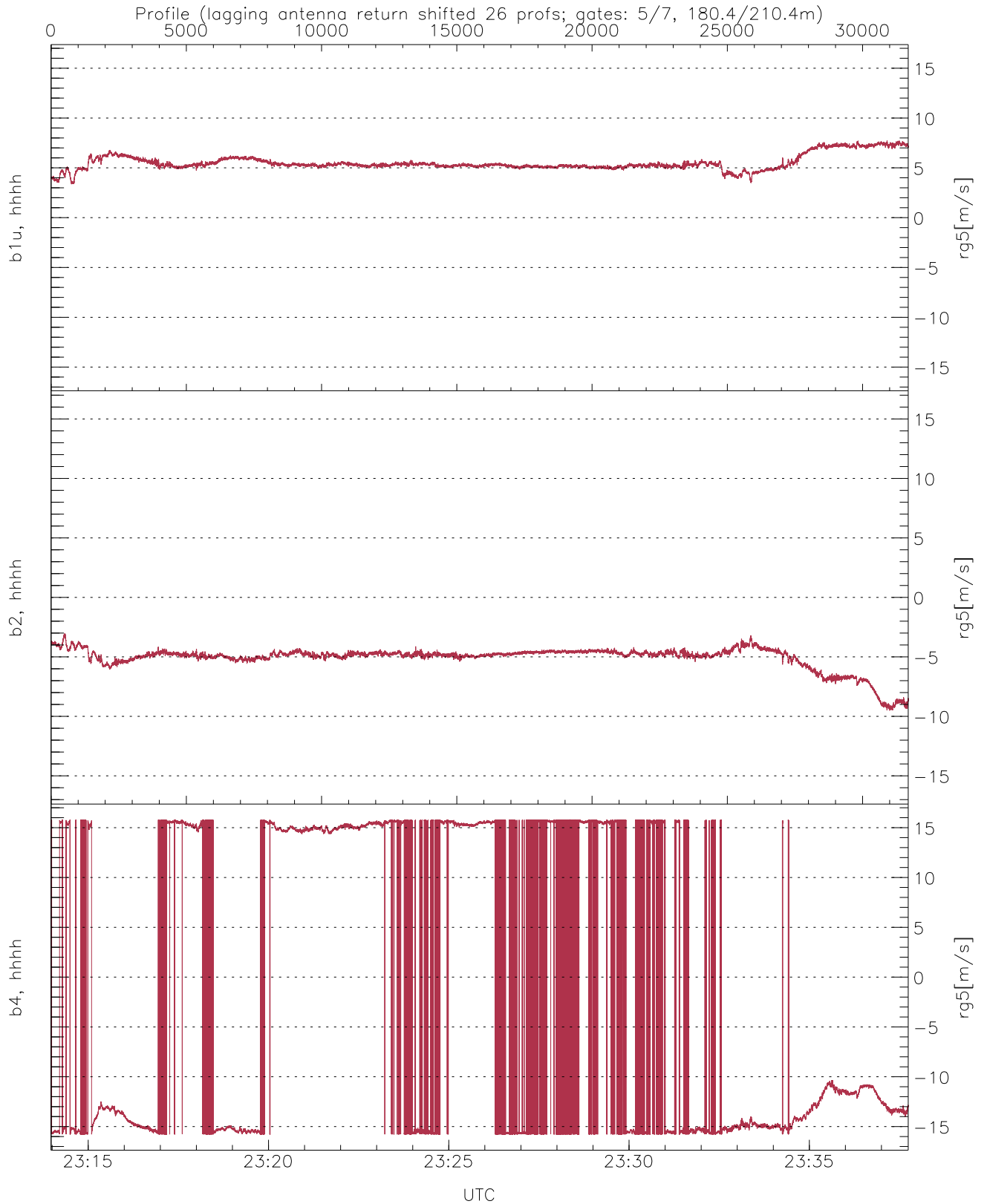
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-40.23	-7.44	-13.88
down(hh[dBm])	-55.05	-8.51	-15.53
down-fore(hh[dBm])	-56.99	-12.61	-19.59



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

	Min	Max	Mean
up/down (dB)	-7.39	17.86	2.55
down/down-fore (dB)	-0.75	13.64	5.39



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	3.36	7.76	5.51	0.77
b2, hhhh(rg5[m/s])	-9.51	-3.05	-5.08	1.00
b4, hhhh(rg5[m/s])	-15.79	15.79	-1.21	14.91