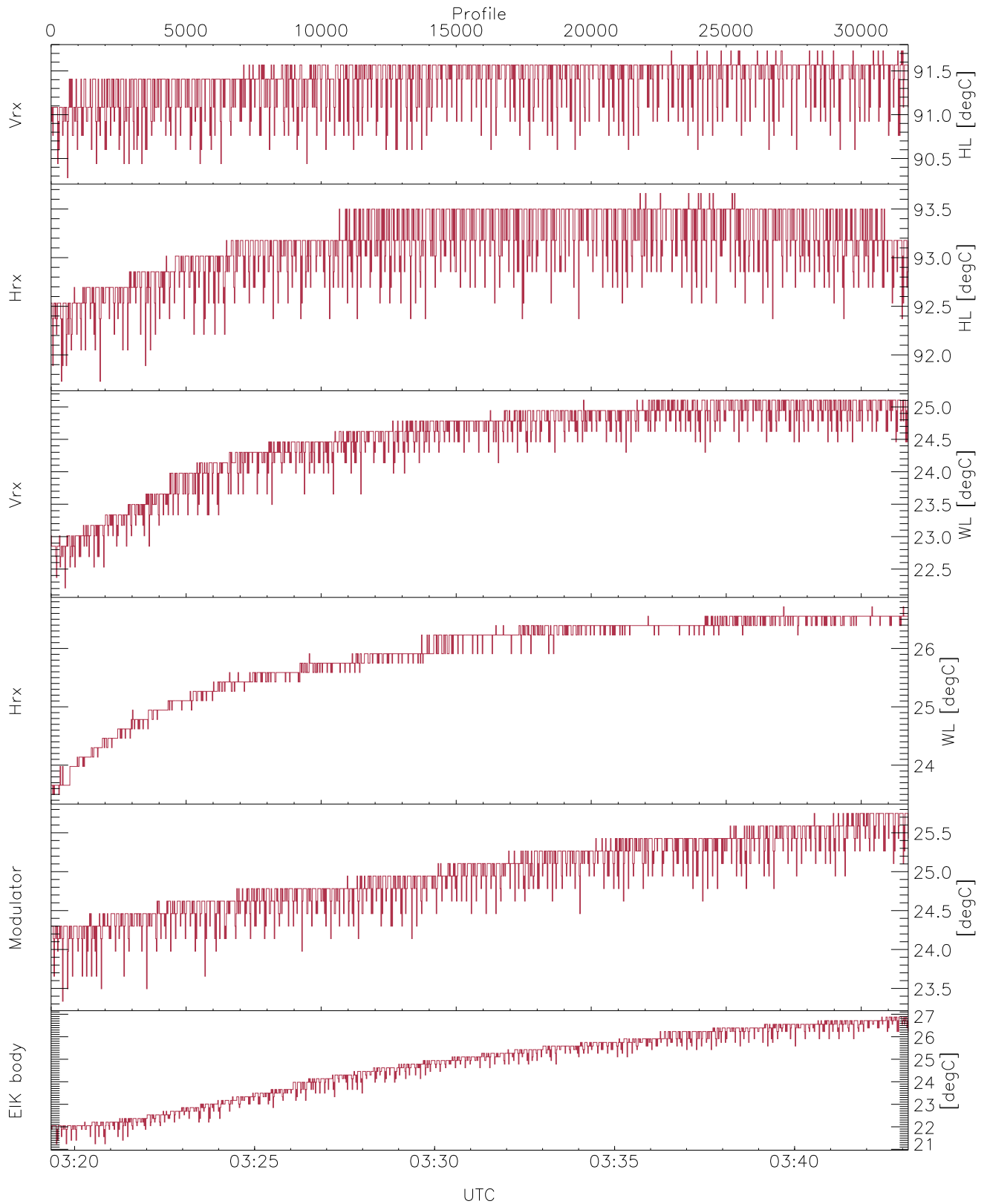


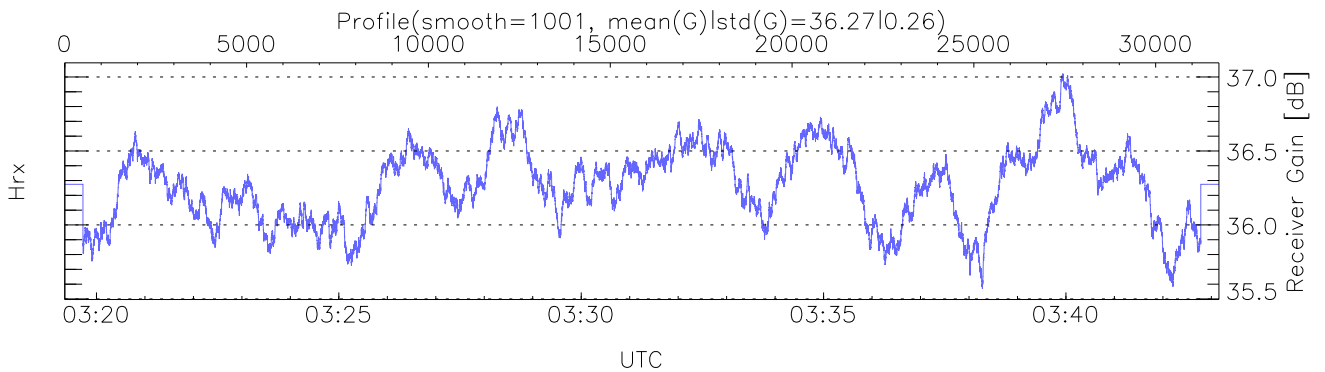
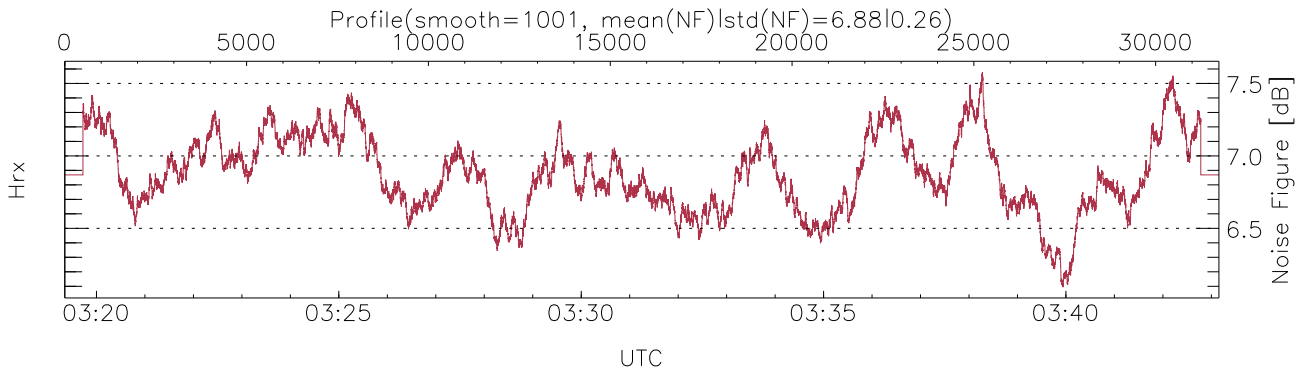
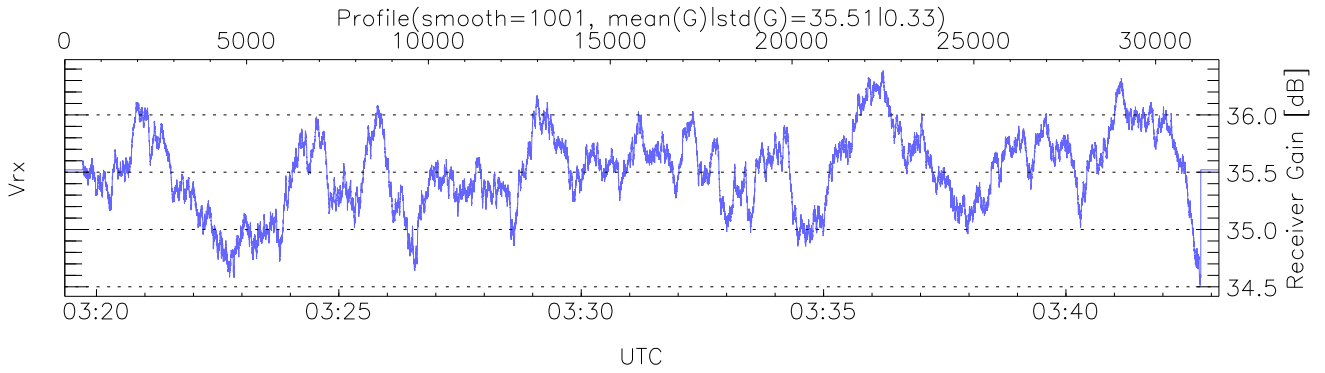
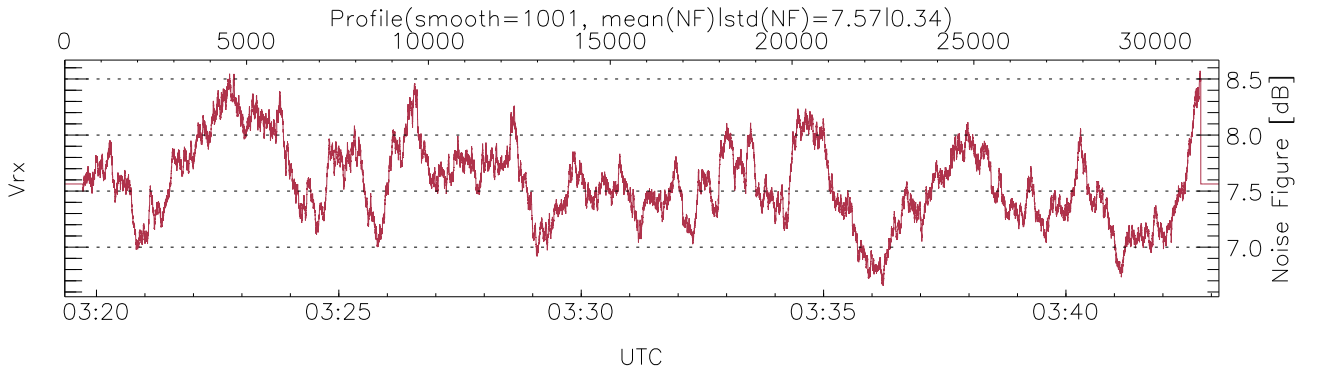
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 03:19:21-03:43:09, TimeCor: 0.00s, Dur: 1428.66s  
 TimeFlg: 2, 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): 31741/31741, 0-31740/03:19:21-03:43:09  
 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,rgs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7  
 Mirror(-910112,3,9x = no mirrorsideluplerror): 1



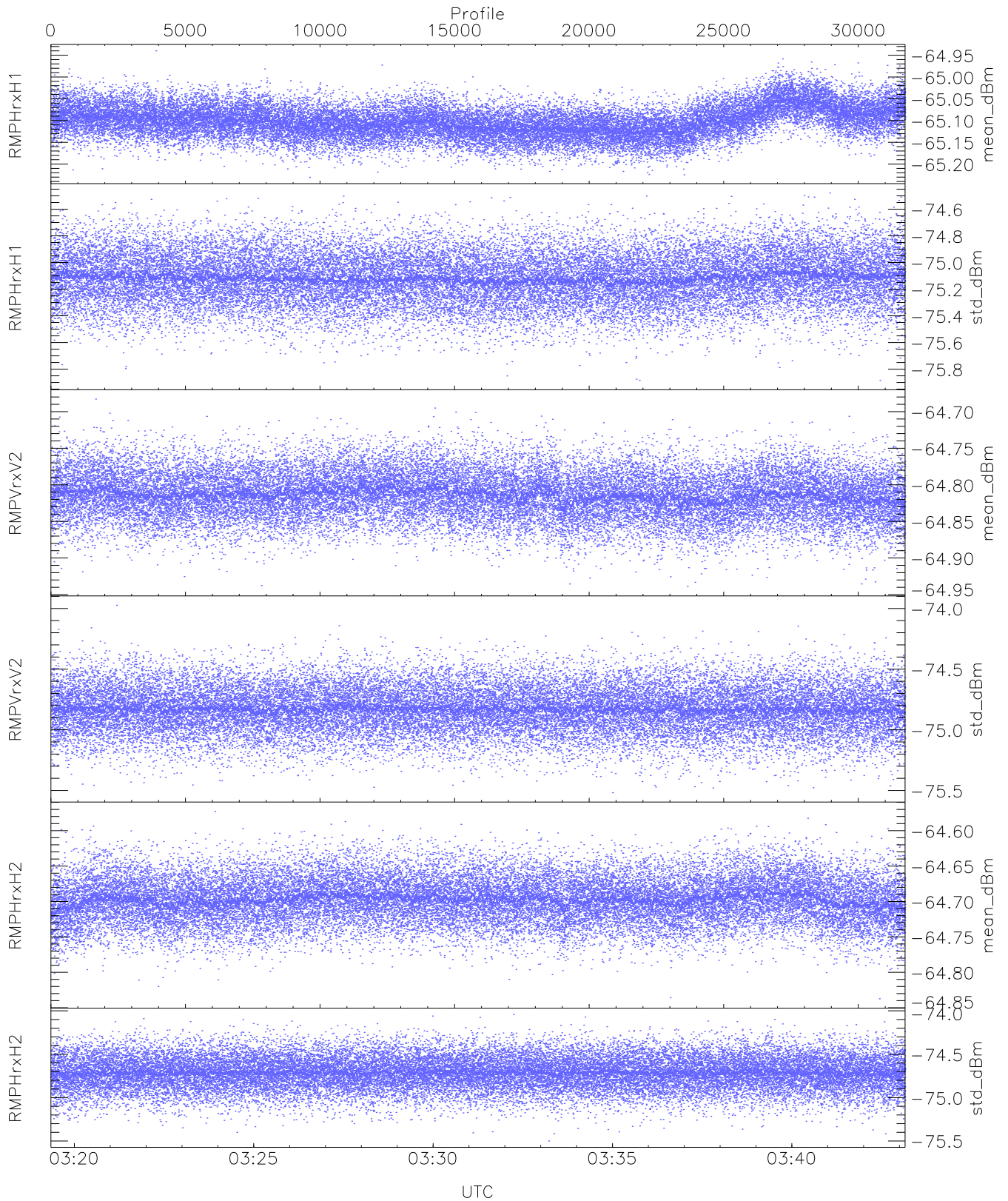
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

```
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,22,23,23,21  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,25,26,25,26  
LOalarm(20,240,2817,14861 MHz): None  
EIK Faults(# prof affected):  
DeckT,CollT,BodyCurr,Fault2,DeckF,OverDuty,HVPS,Fault1 (22,22,22,22,22,22,22,22)
```



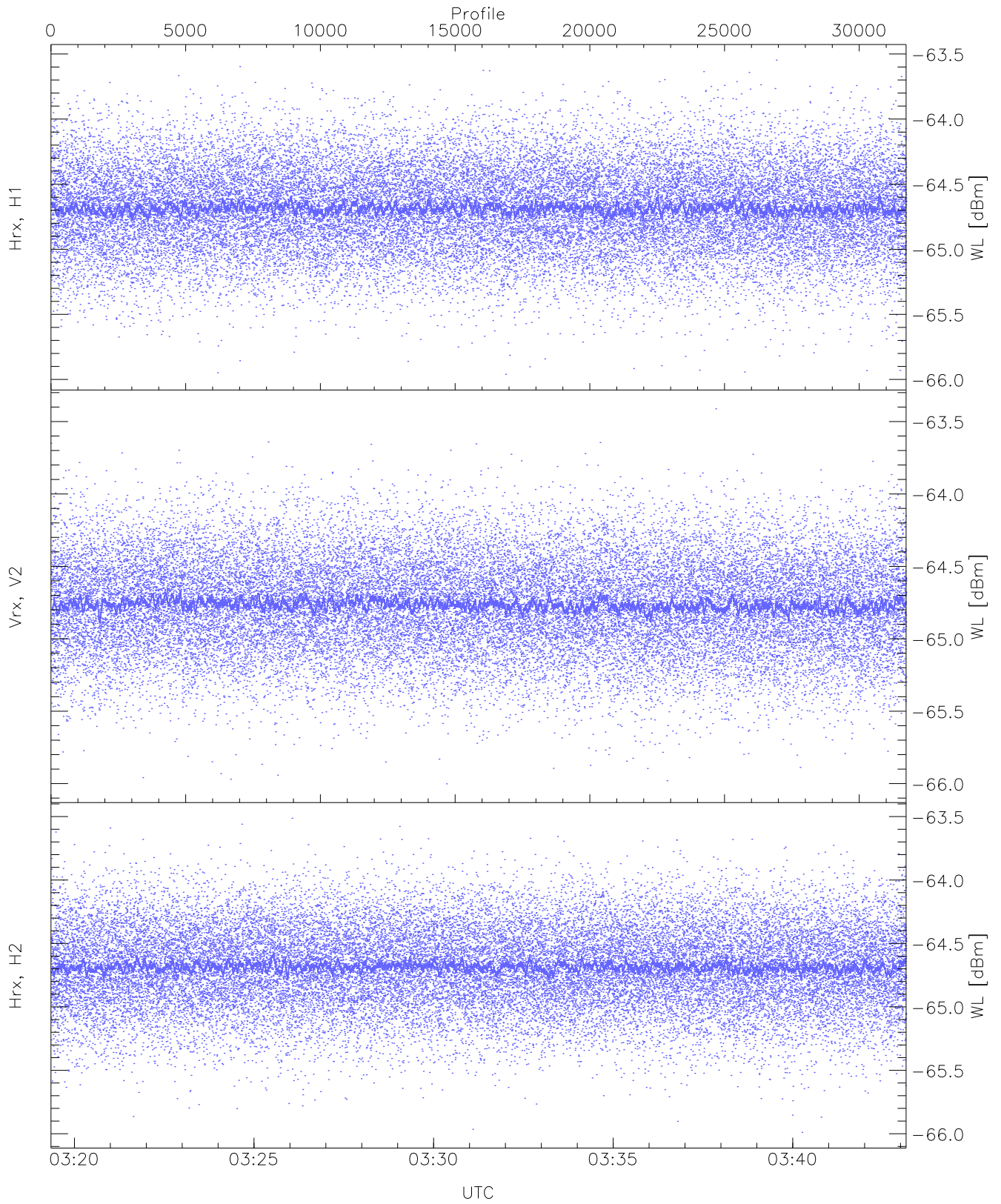
### WCR3 CPP Receivers Gain and Noise Figure

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



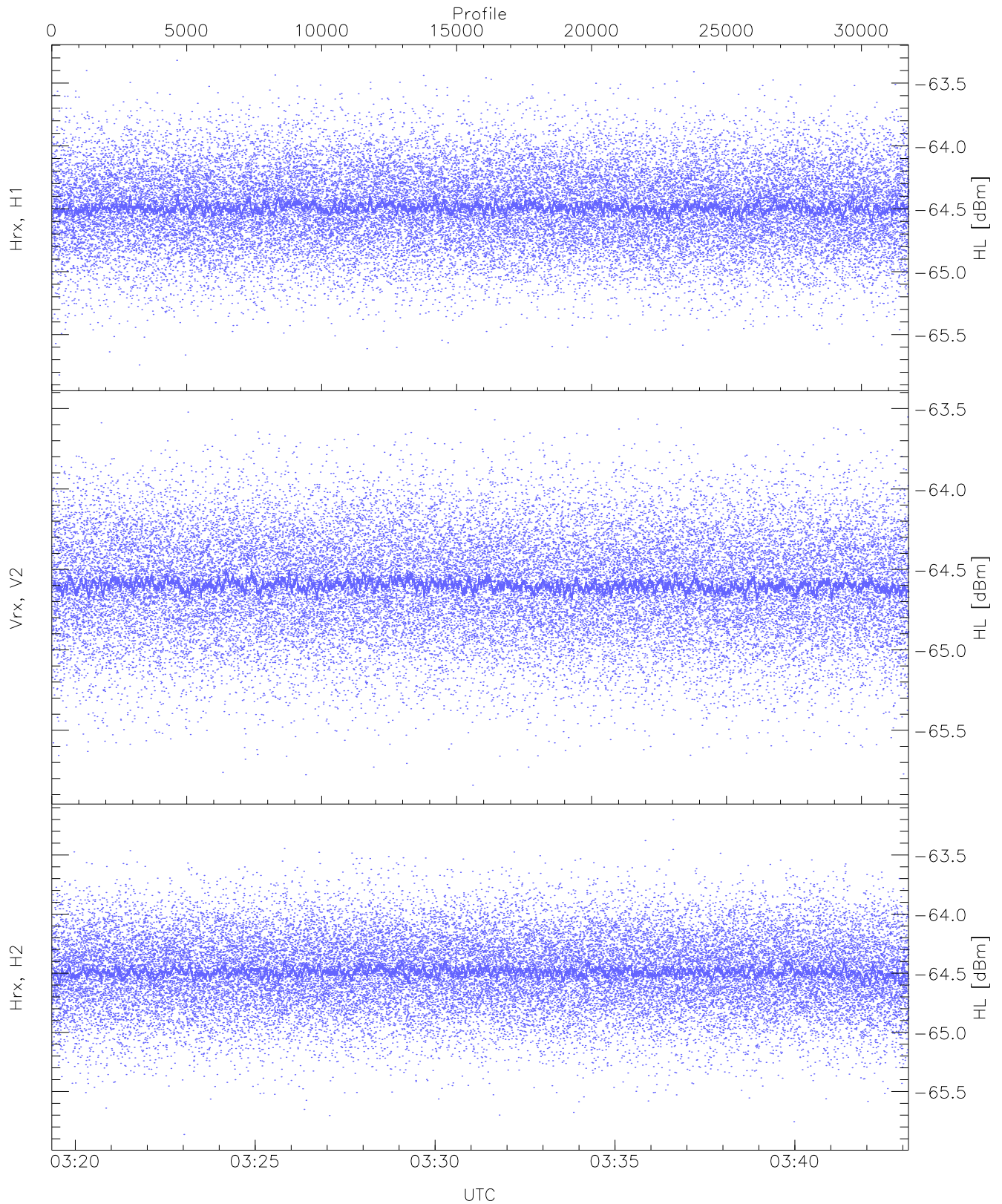
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.23	-64.94	-65.10	-65.10	-85.98
RMPHrxH1(std_dBm)	-75.88	-74.48	-75.12	-75.12	-88.90
RMPVrxV2(mean_dBm)	-64.94	-64.68	-64.81	-64.81	-86.33
RMPVrxV2(std_dBm)	-75.52	-73.97	-74.83	-74.83	-88.63
RMPHrxH2(mean_dBm)	-64.84	-64.57	-64.70	-64.70	-86.23
RMPHrxH2(std_dBm)	-75.50	-74.04	-74.71	-74.72	-88.52



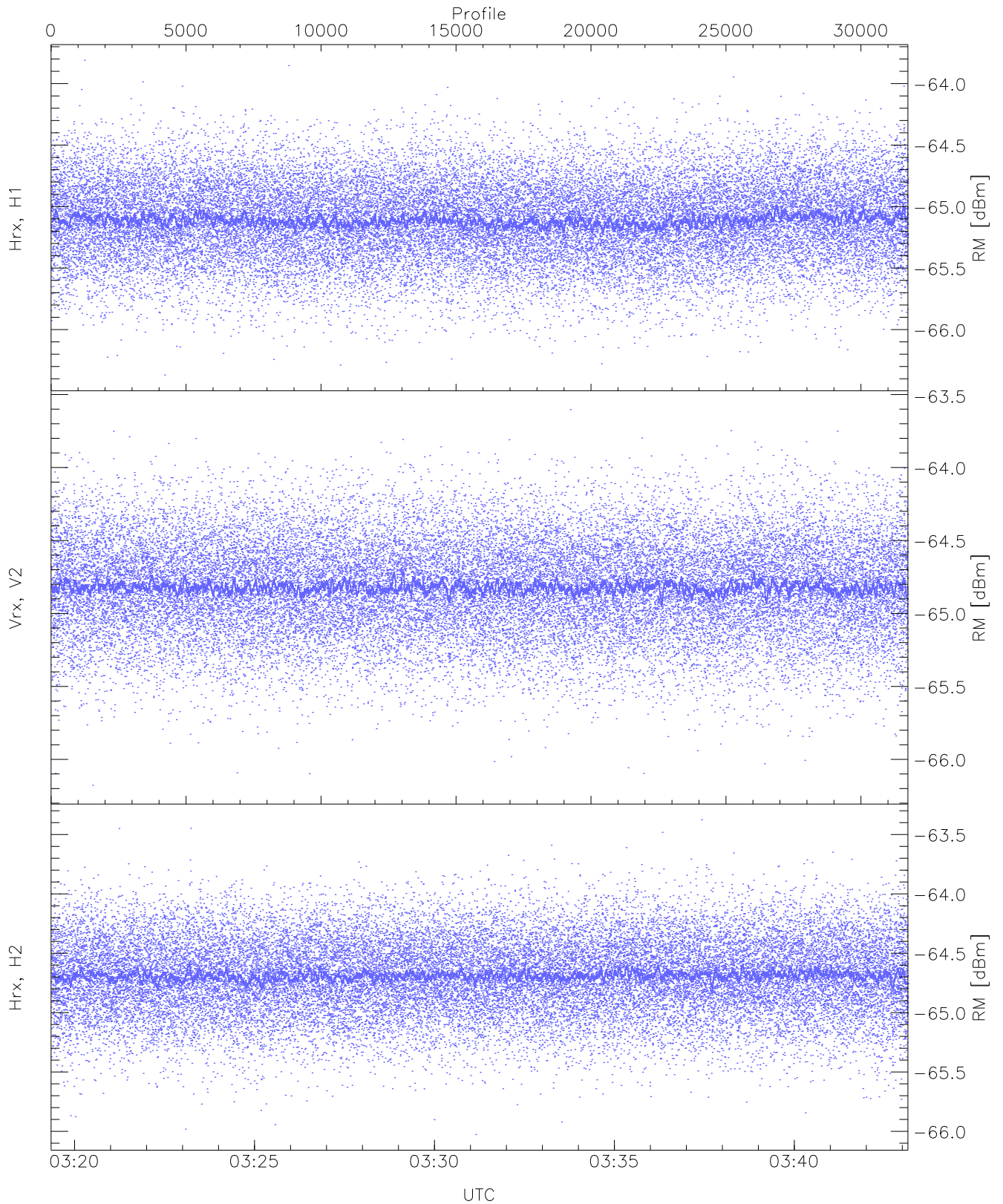
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.96	-63.55	-64.68	-64.69	-76.16
Vrx, V2 (WL [dBm])	-66.00	-63.41	-64.76	-64.77	-76.25
Hrx, H2 (WL [dBm])	-65.99	-63.51	-64.68	-64.69	-76.20



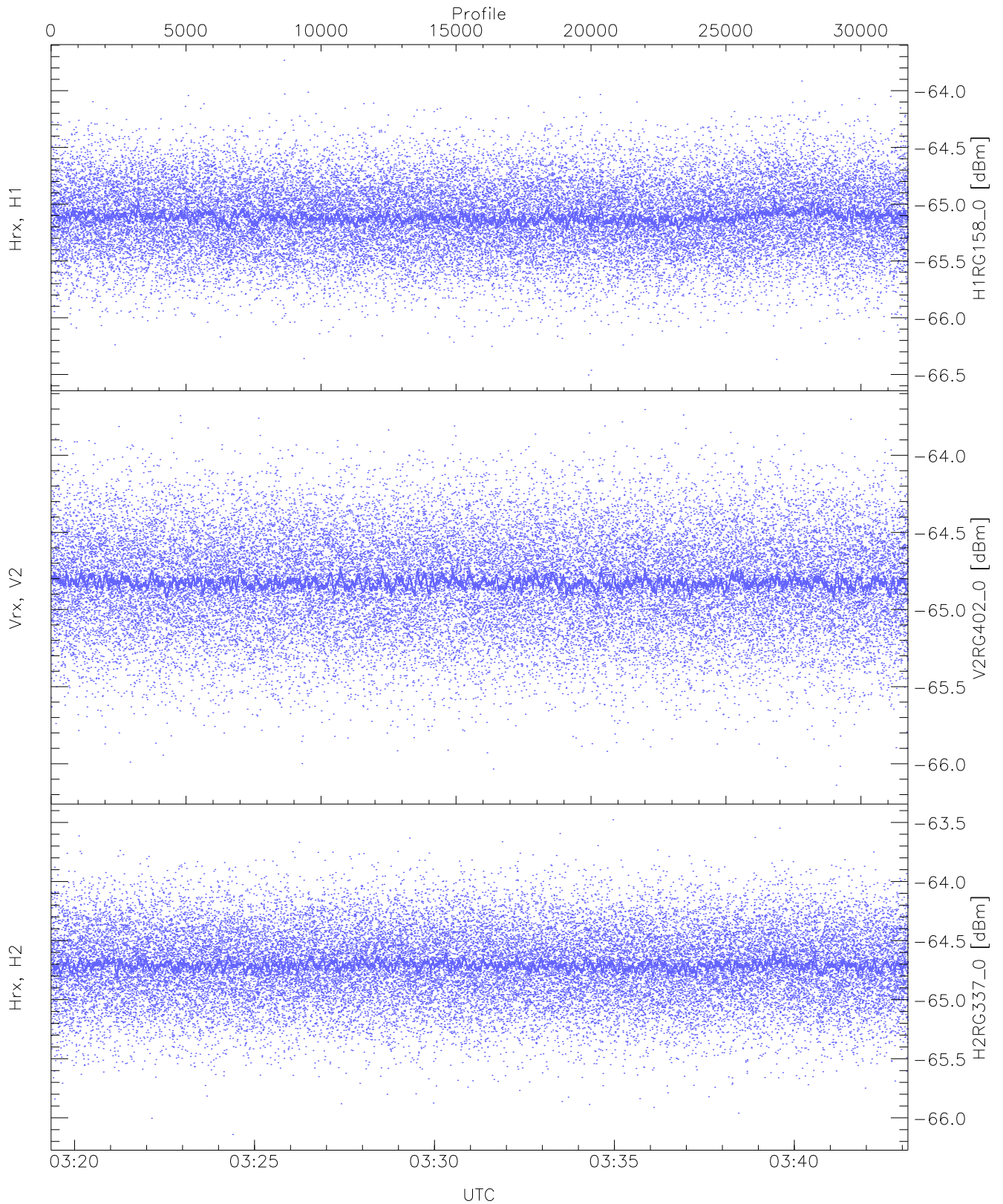
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.82	-63.32	-64.48	-64.49	-75.97
Vrx, V2 (HL [dBm])	-65.84	-63.51	-64.59	-64.60	-76.10
Hrx, H2 (HL [dBm])	-65.86	-63.20	-64.48	-64.49	-75.98



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

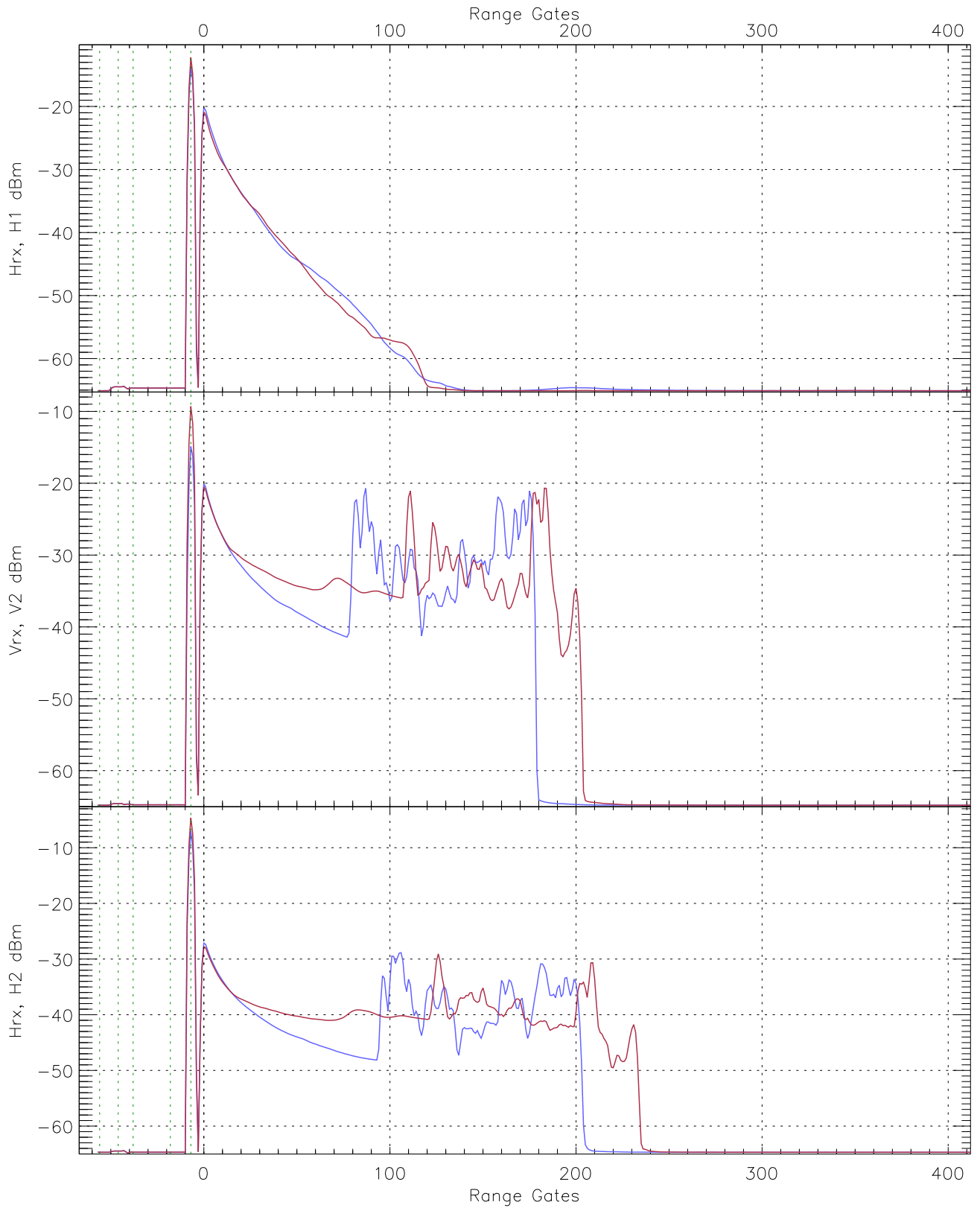
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.37	-63.81	-65.11	-65.11	-76.58
Vrx, V2 (RM [dBm])	-66.18	-63.60	-64.81	-64.82	-76.32
Hrx, H2 (RM [dBm])	-66.03	-63.38	-64.68	-64.69	-76.19



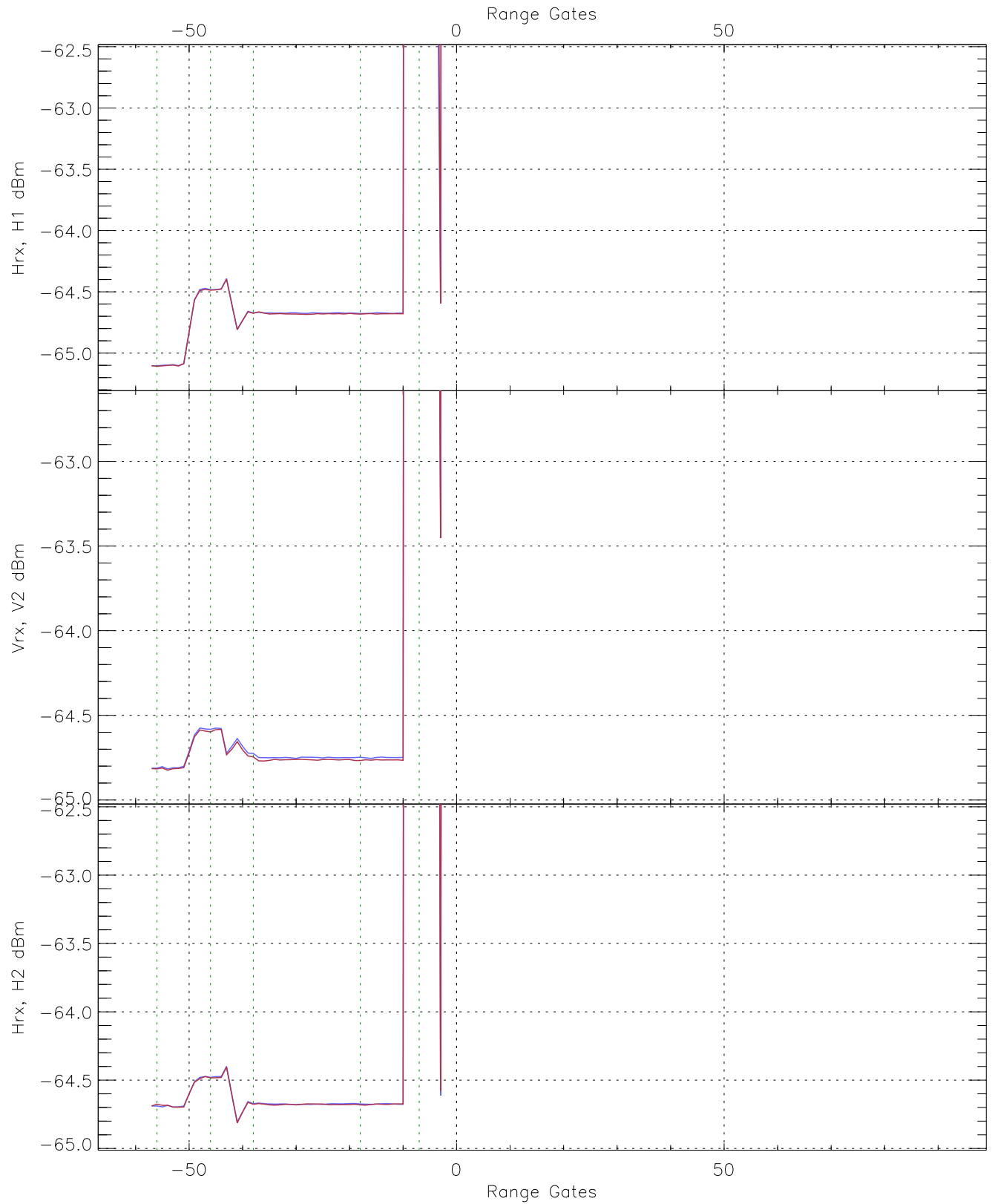
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG158_0 [dBm]	-66.50	-63.73	-65.11	-65.11	-76.61
V2RG402_0 [dBm]	-66.14	-63.70	-64.82	-64.82	-76.32
H2RG337_0 [dBm]	-66.14	-63.48	-64.70	-64.71	-76.20

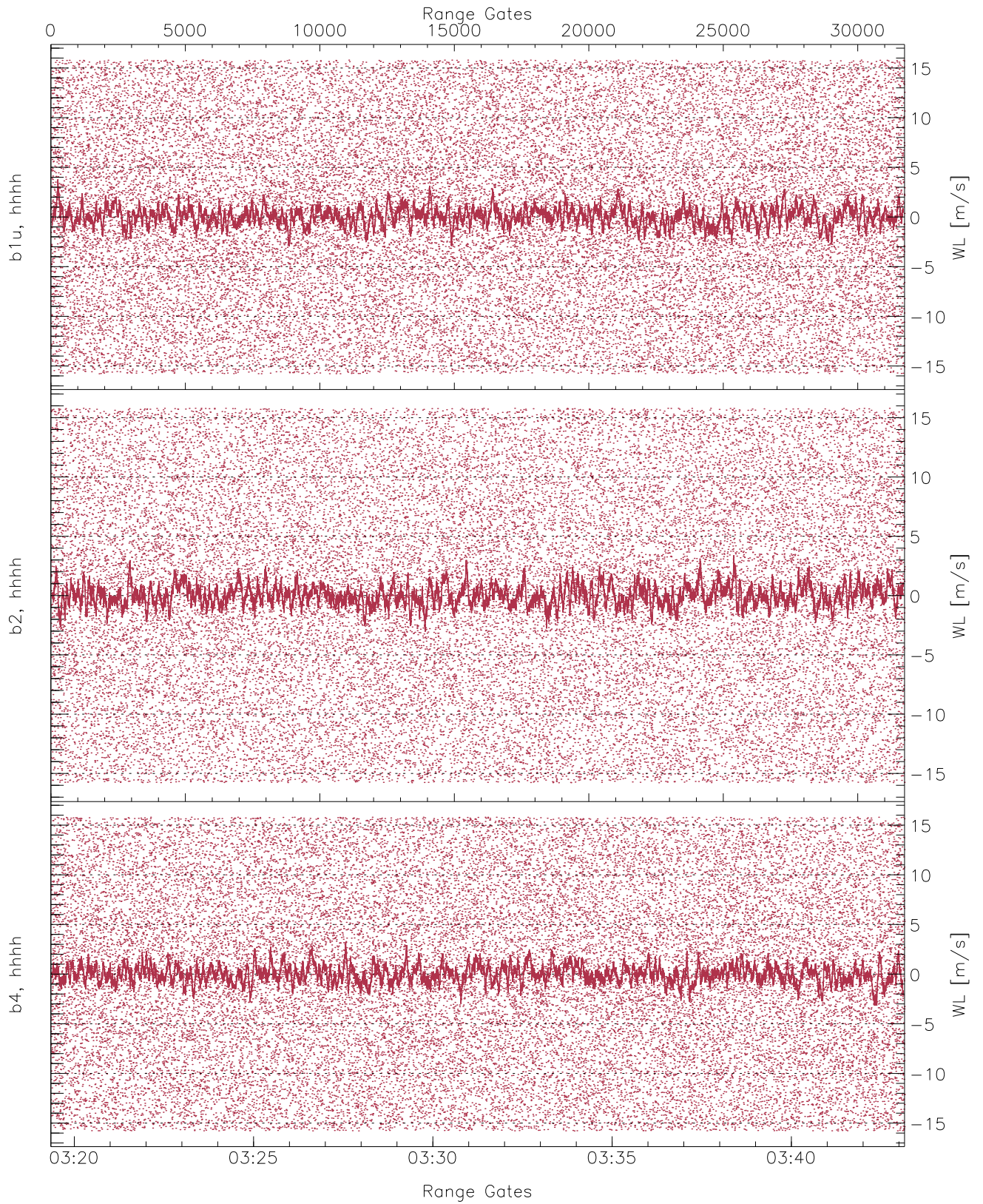




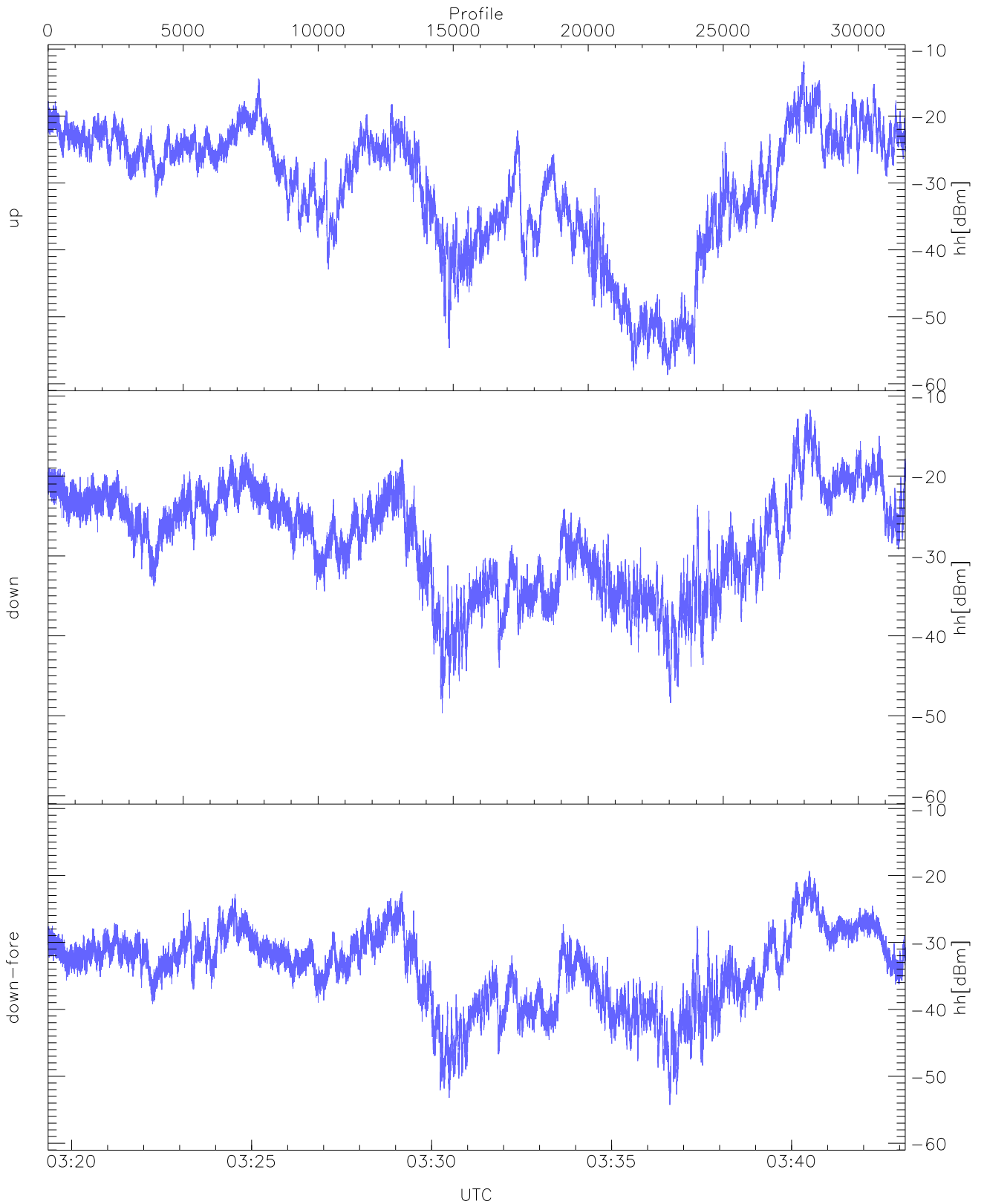
WCR3 CPP Averaged Received power for all recorded gates  
blue: 031921-033115, 15871 profiles averaged  
red: 033115-034309, 15871 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 031921-033115, 15871 profiles averaged  
red: 033115-034309, 15871 profiles averaged

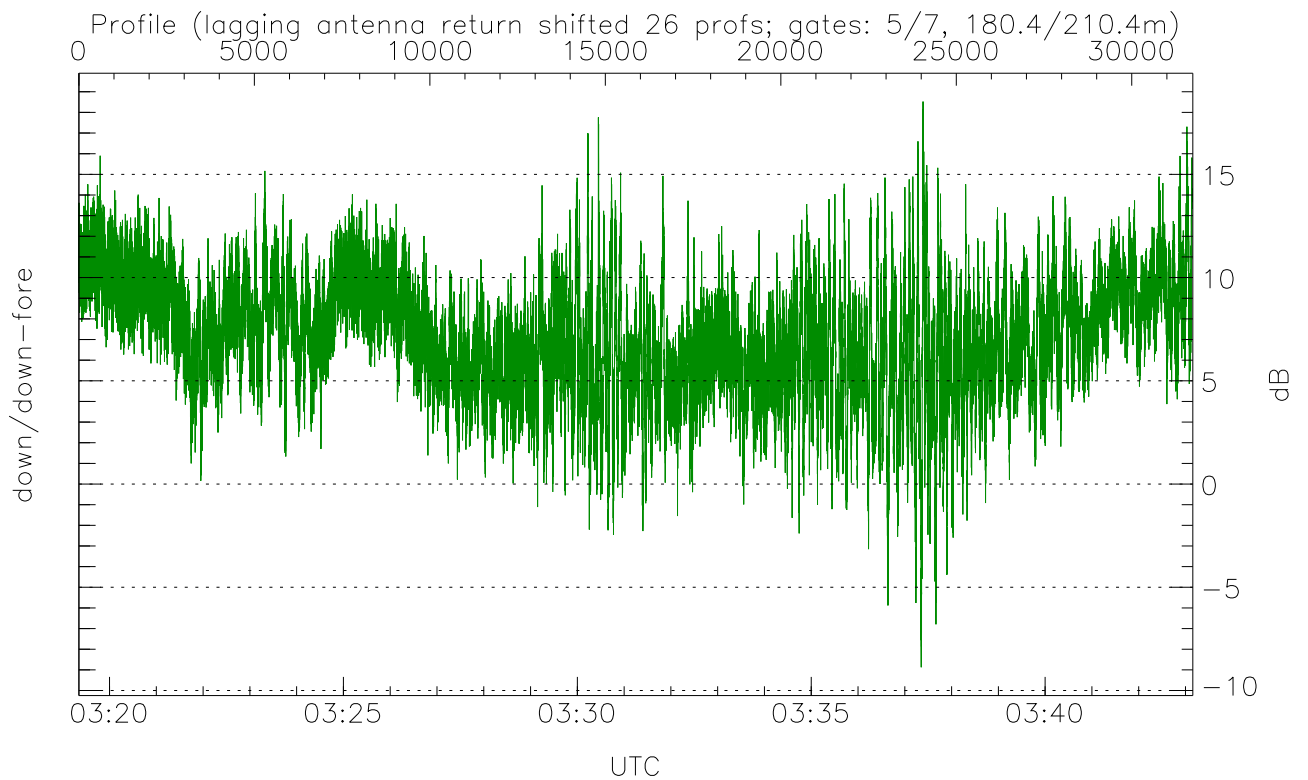
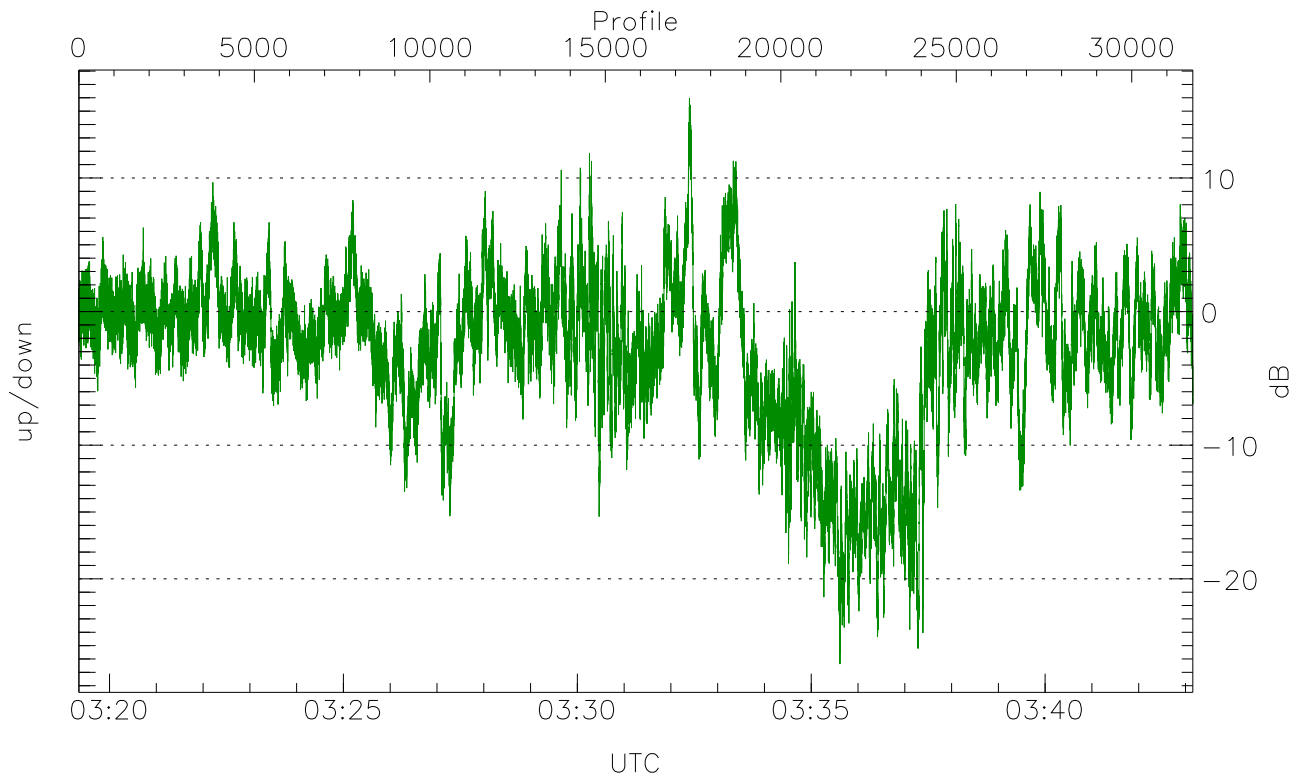


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



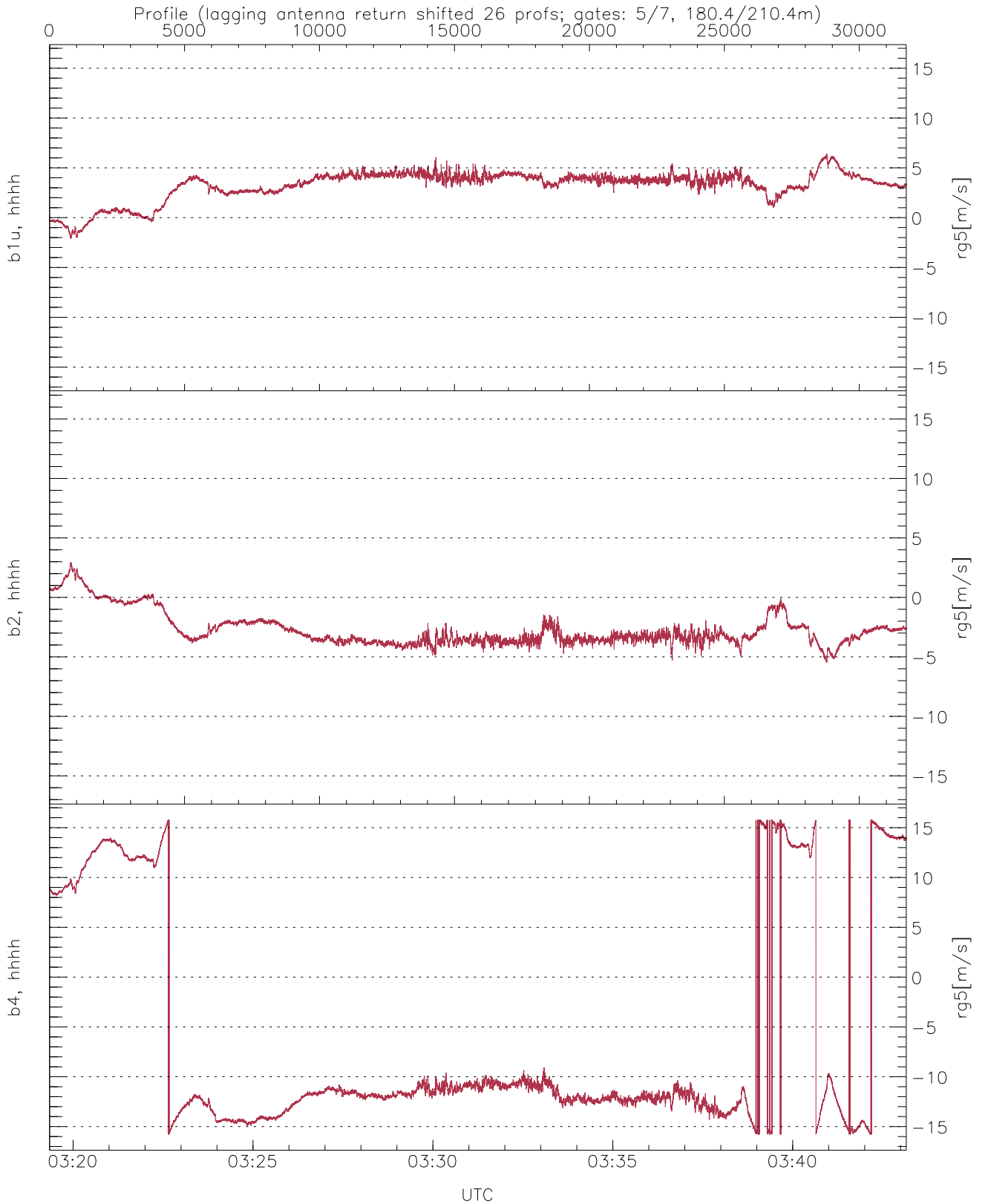
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-58.69	-11.84	-25.07
down(hh[dBm])	-49.68	-11.68	-24.29
down-fore(hh[dBm])	-54.28	-19.32	-31.01



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

	Min	Max	Mean
up/down (dB)	-26.38	15.96	-2.80
down/down-fore (dB)	-8.87	18.53	7.16



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-2.10	6.43	3.23	1.49
b2, hhhh(rg5[m/s])	-5.47	2.94	-2.72	1.44
b4, hhhh(rg5[m/s])	-15.79	15.79	-6.31	10.89