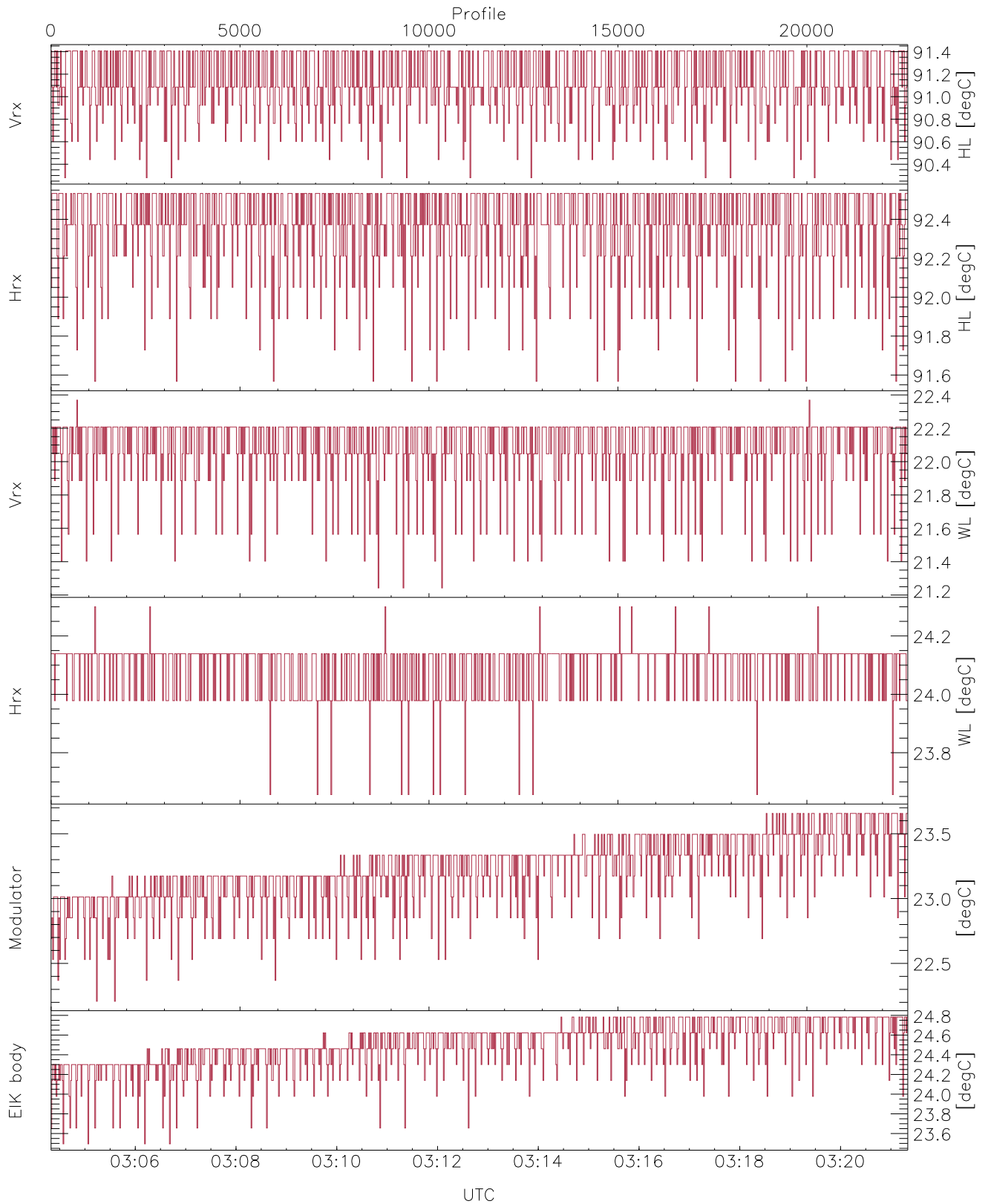


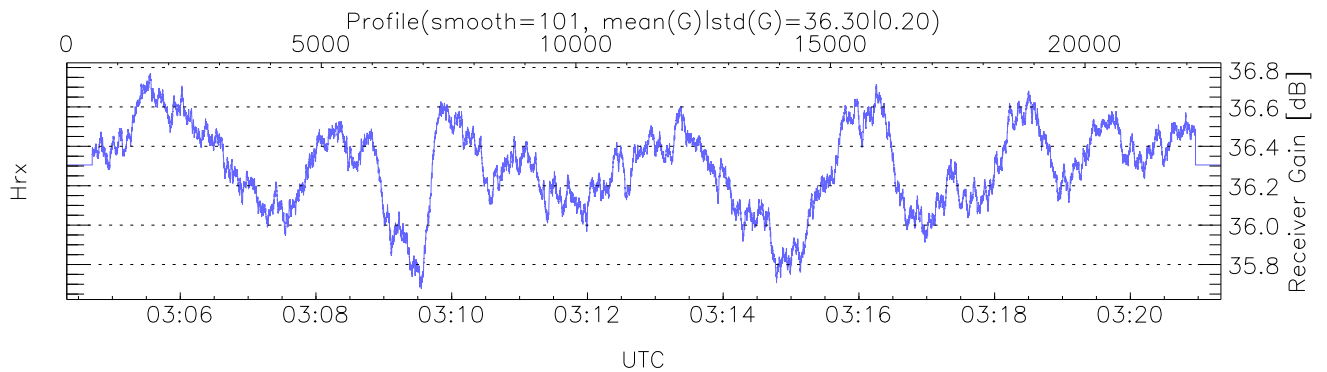
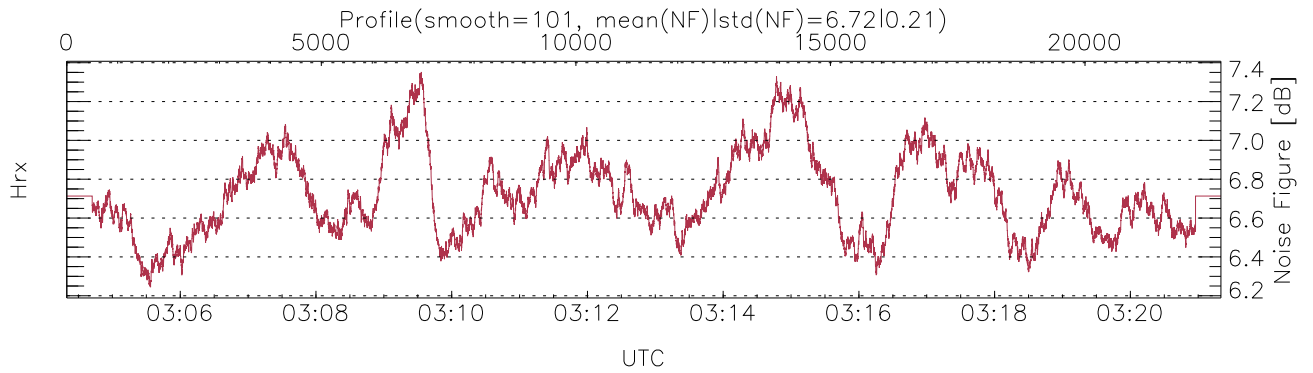
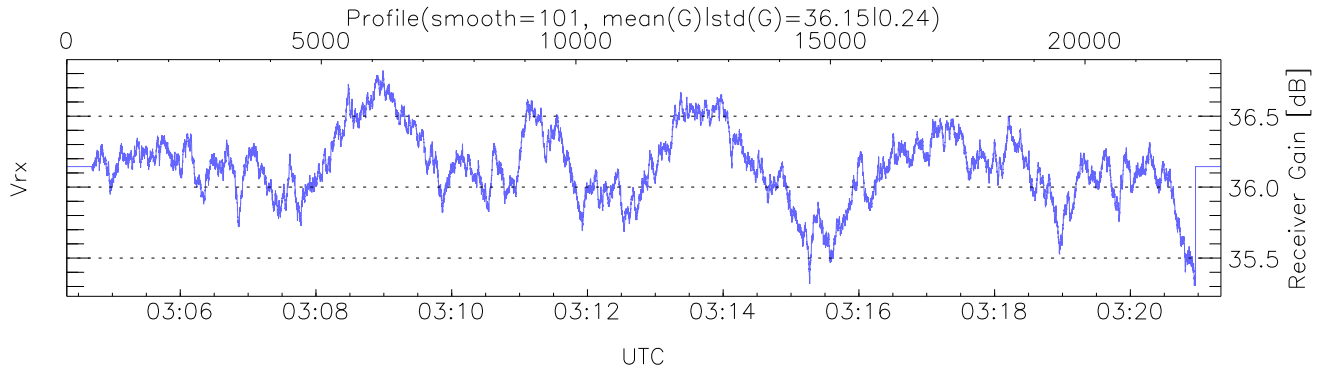
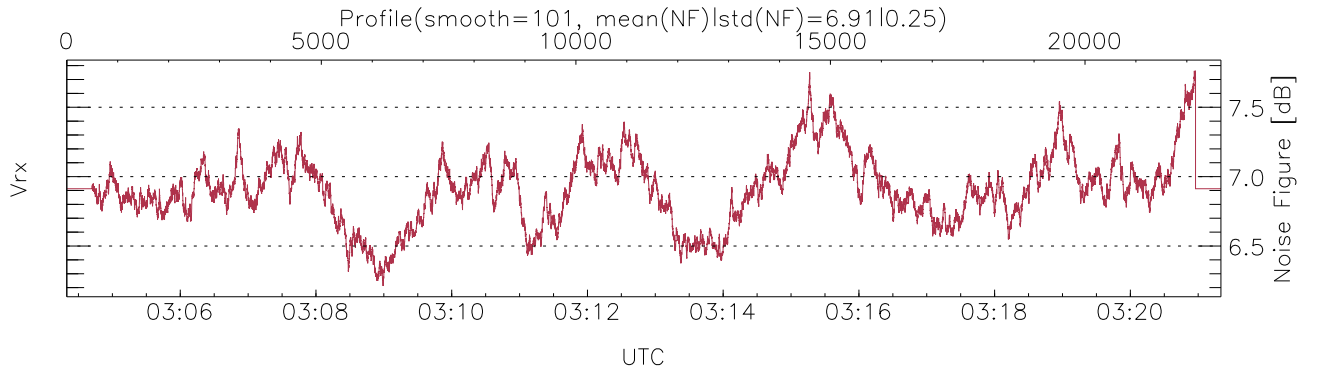
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 03:04:20-03:21:20, TimeCor: 0.00s, Dur: 1020.45s  
 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): 22672/22672, 0-22671/03:04:20-03:21:20  
 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



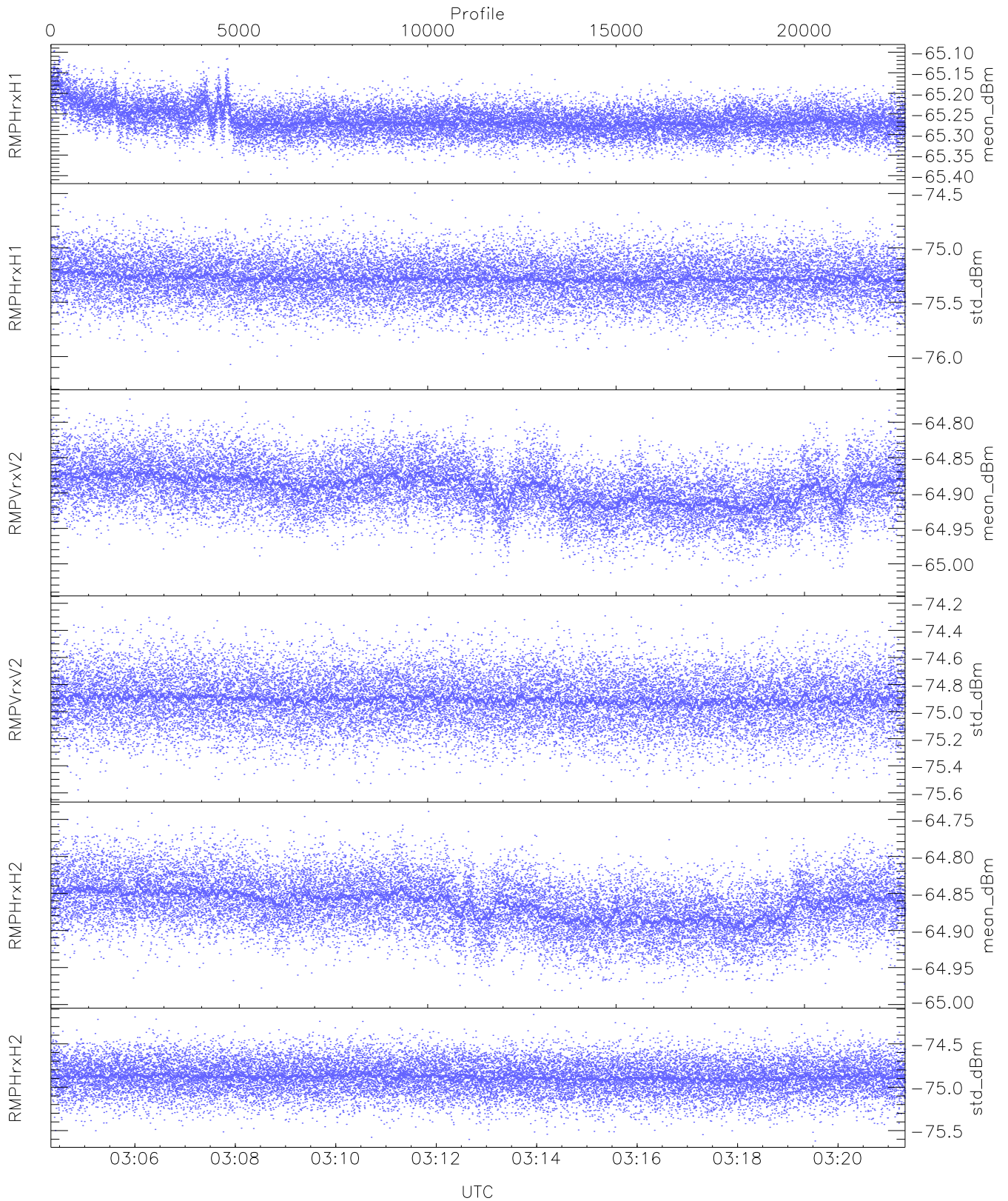
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

```
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,21,23,22,23  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,22,24,23,24  
LOalarm(20,240,2817,14861 MHz): 0,0,48,0  
EIK Faults(# prof affected):  
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (24,24,24,24,24,24)
```



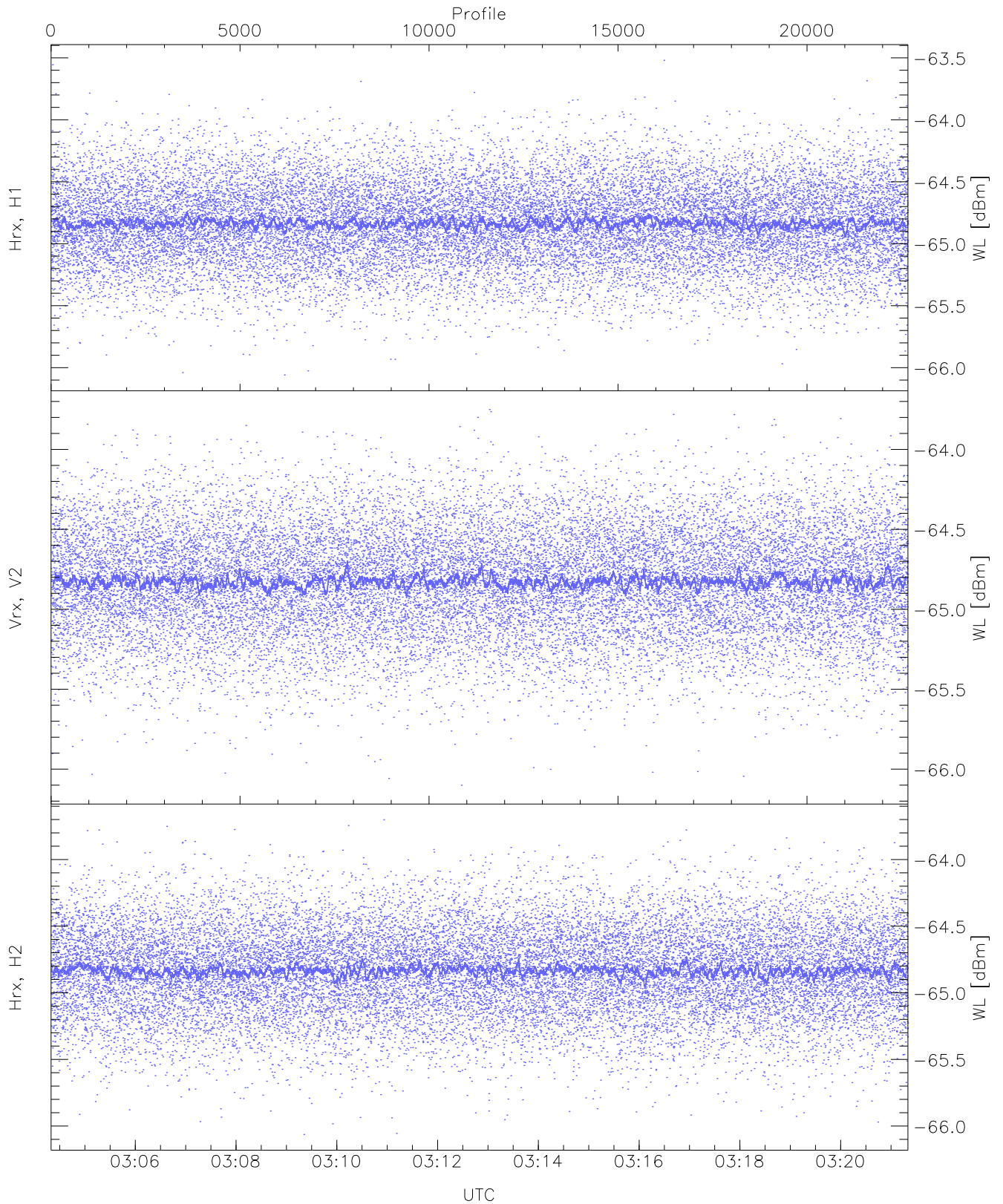
WCR3 CPP Receivers Gain and Noise Figure

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



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

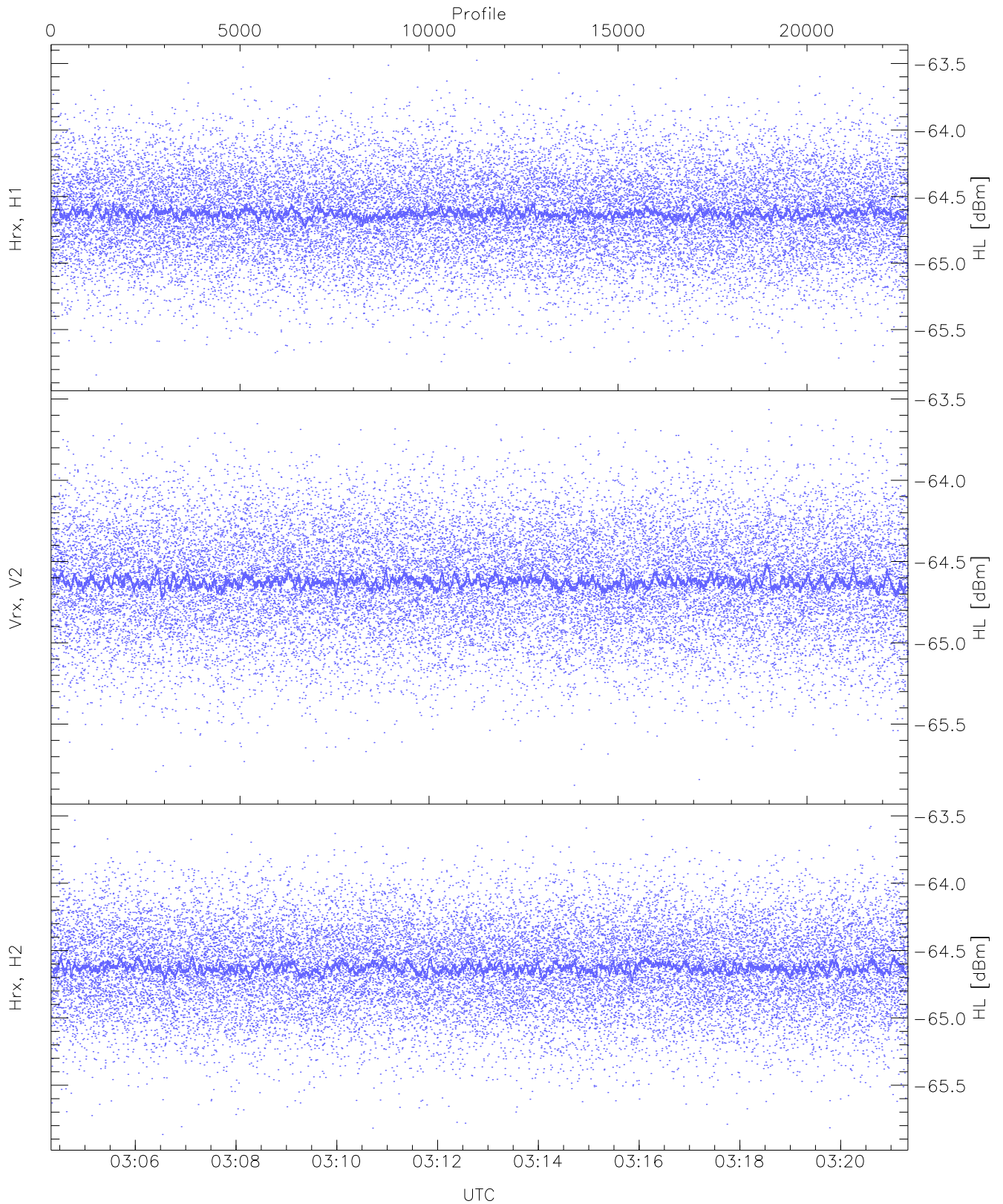
	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.40	-65.10	-65.26	-65.27	-86.13
RMPHrxH1(std_dBm)	-76.22	-74.49	-75.28	-75.28	-89.01
RMPVrxV2(mean_dBm)	-65.03	-64.77	-64.89	-64.89	-85.92
RMPVrxV2(std_dBm)	-75.60	-74.21	-74.91	-74.91	-88.69
RMPHrxH2(mean_dBm)	-64.99	-64.74	-64.86	-64.86	-85.94
RMPHrxH2(std_dBm)	-75.62	-74.16	-74.88	-74.88	-88.63



WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

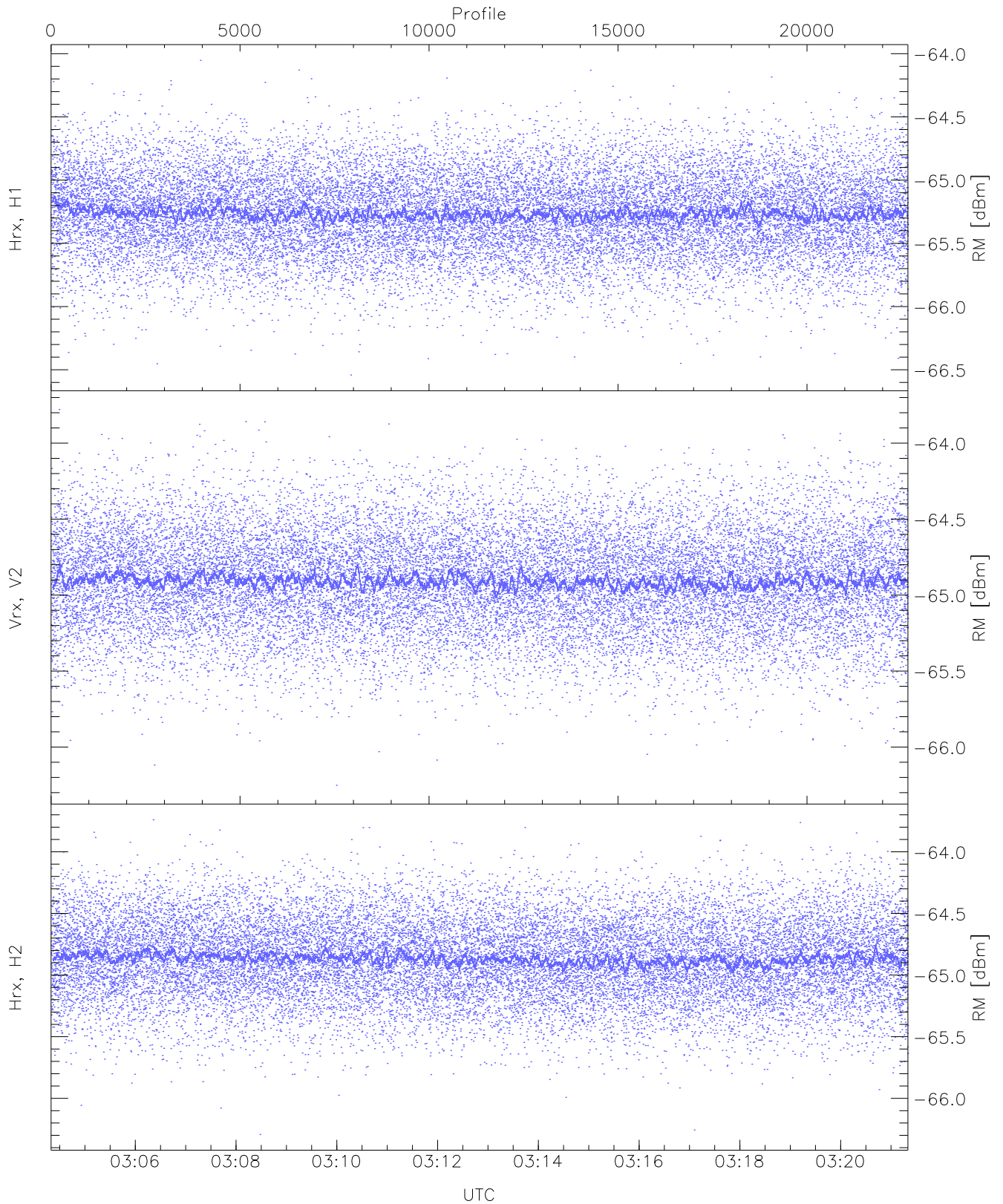
	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.06	-63.52	-64.83	-64.84	-76.31
Vrx, V2 (WL [dBm])	-66.10	-63.75	-64.82	-64.82	-76.33
Hrx, H2 (WL [dBm])	-66.06	-63.70	-64.83	-64.83	-76.34





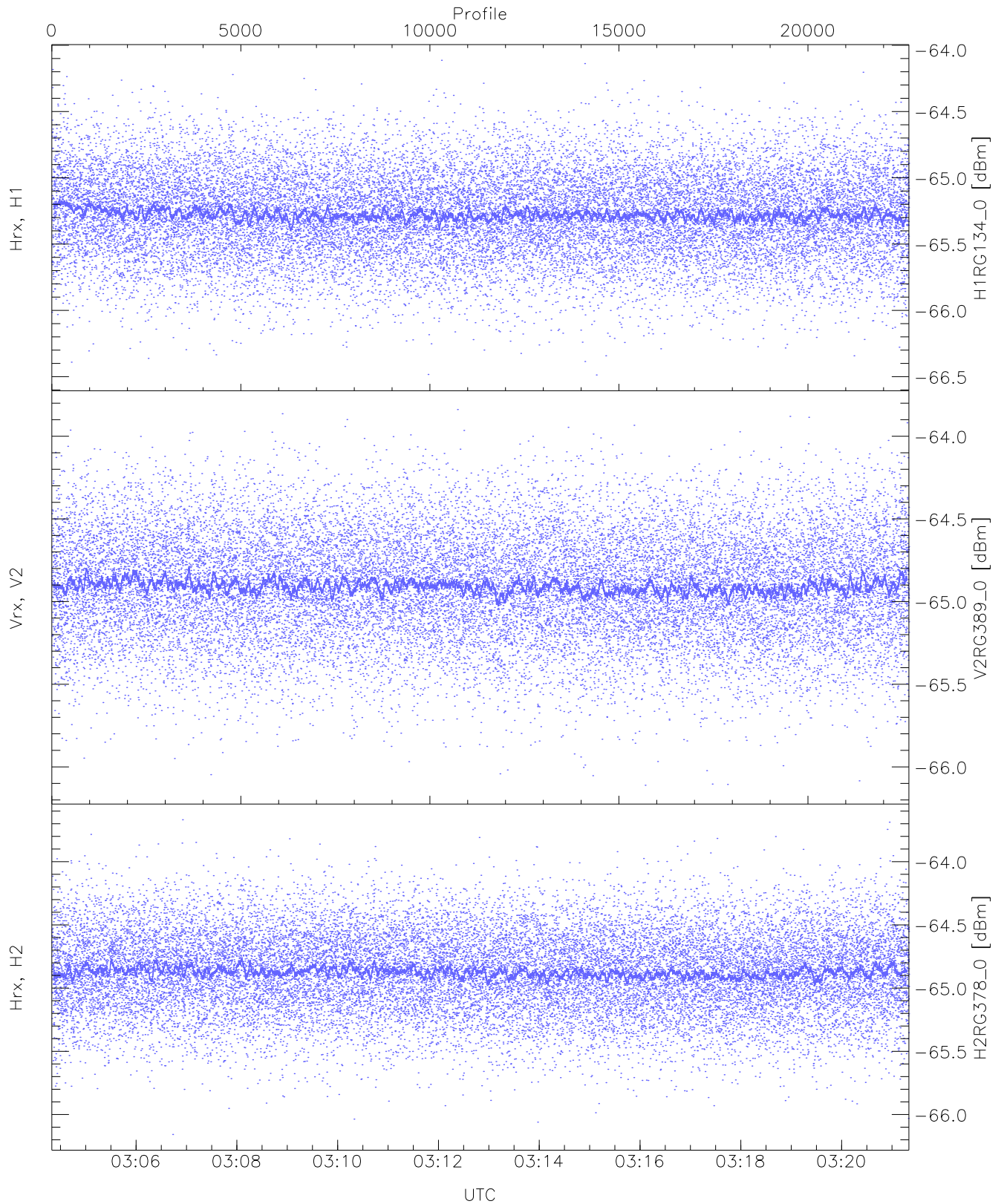
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.84	-63.48	-64.62	-64.63	-76.11
Vrx, V2 (HL [dBm])	-65.88	-63.56	-64.62	-64.62	-76.18
Hrx, H2 (HL [dBm])	-65.87	-63.53	-64.62	-64.63	-76.13



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

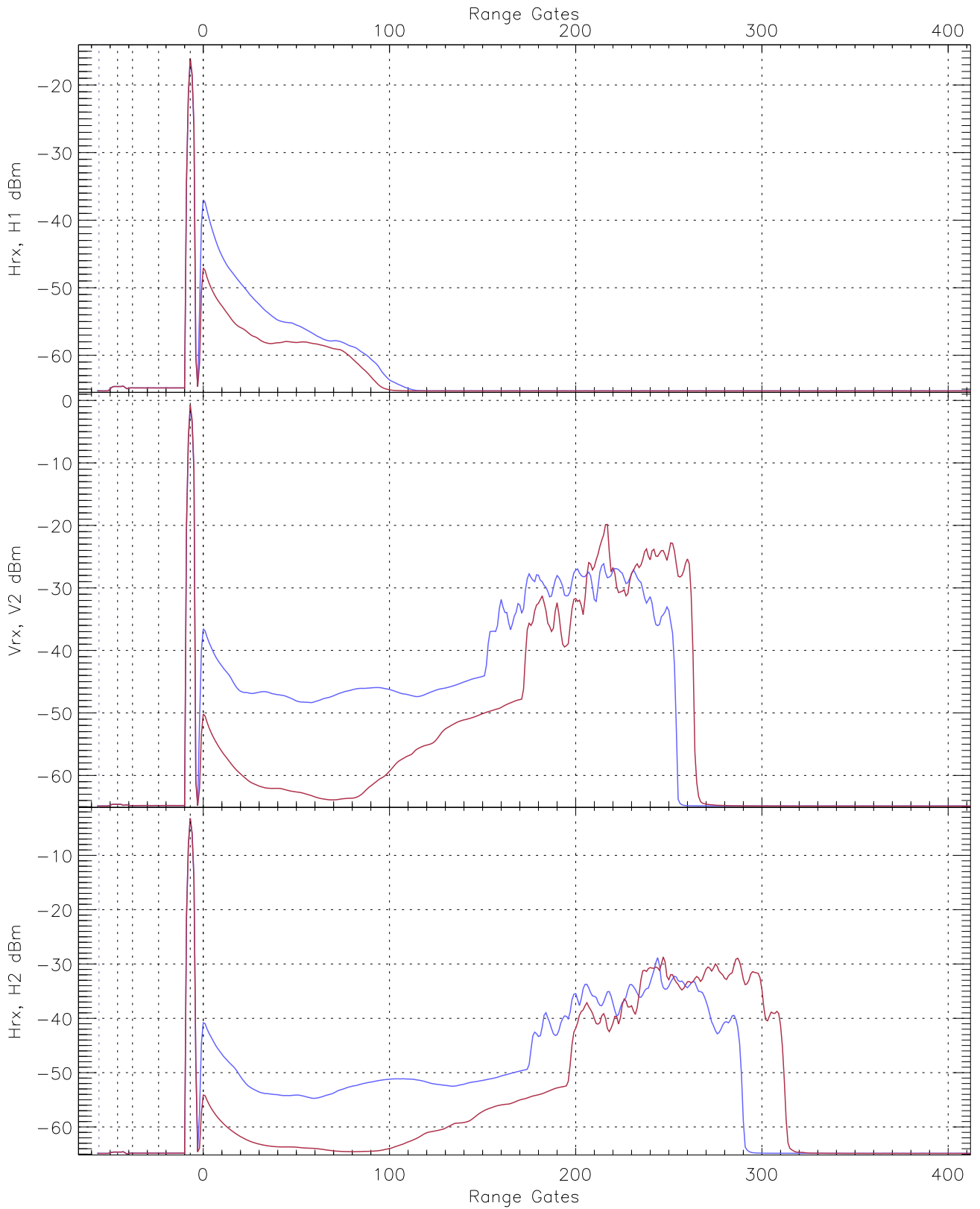
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.54	-64.05	-65.26	-65.27	-76.77
Vrx, V2 (RM [dBm])	-66.25	-63.78	-64.90	-64.91	-76.43
Hrx, H2 (RM [dBm])	-66.29	-63.74	-64.86	-64.87	-76.37



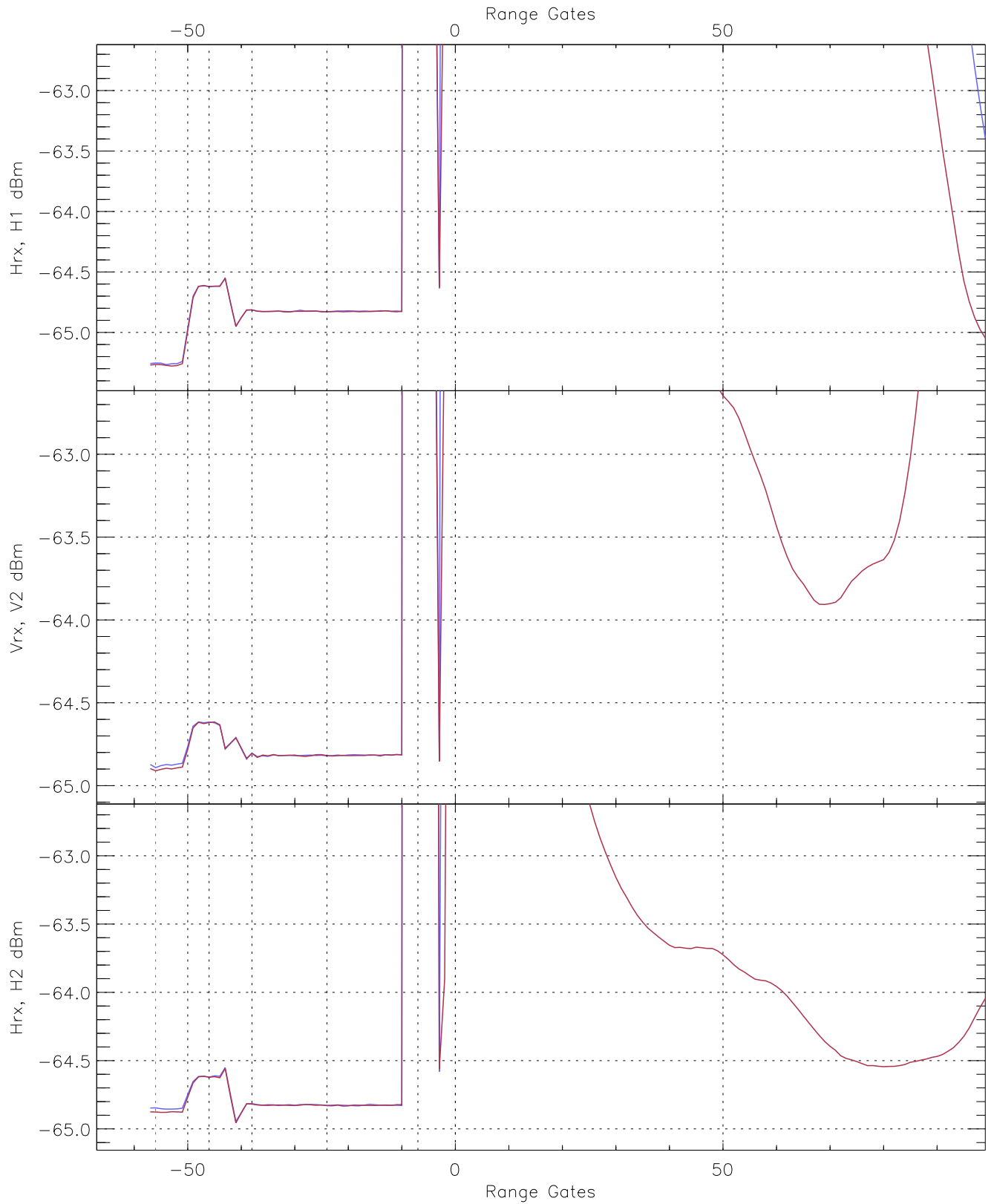
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG134_0 [dBm]	-66.49	-64.11	-65.27	-65.28	-76.79
V2RG389_0 [dBm]	-66.11	-63.84	-64.90	-64.91	-76.43
H2RG378_0 [dBm]	-66.16	-63.67	-64.87	-64.87	-76.37

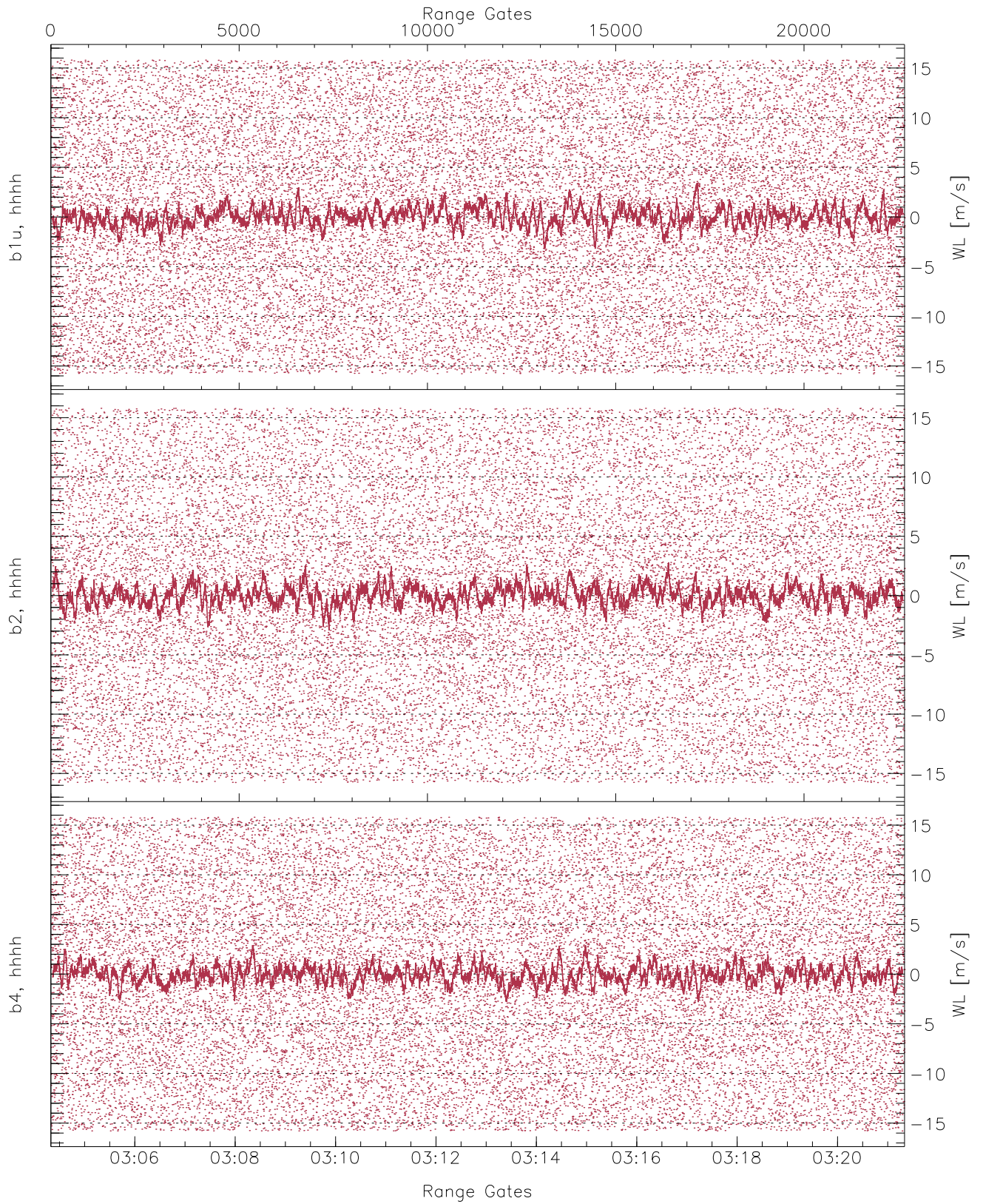




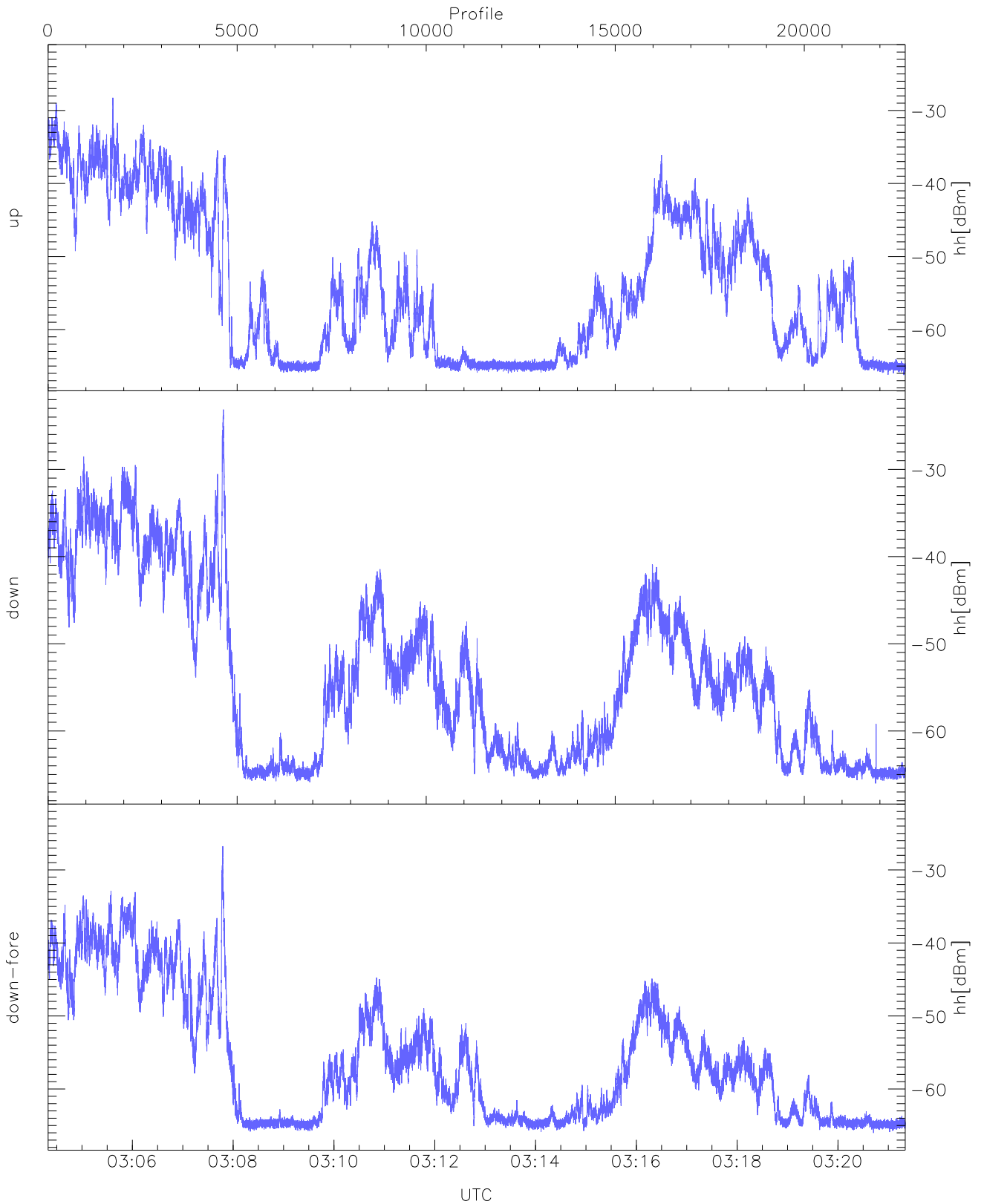
WCR3 CPP Averaged Received power for all recorded gates  
blue: 030420-031250, 11337 profiles averaged  
red: 031250-032120, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 030420-031250, 11337 profiles averaged  
red: 031250-032120, 11336 profiles averaged



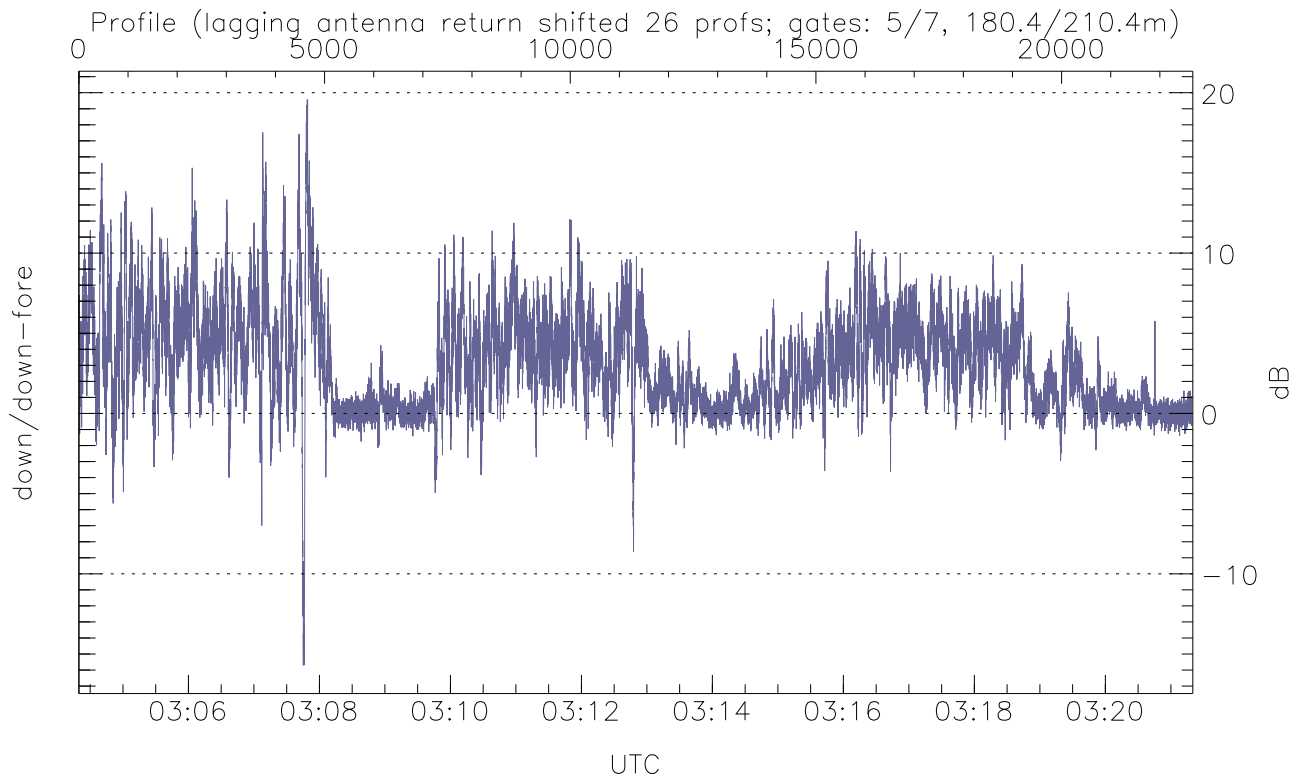
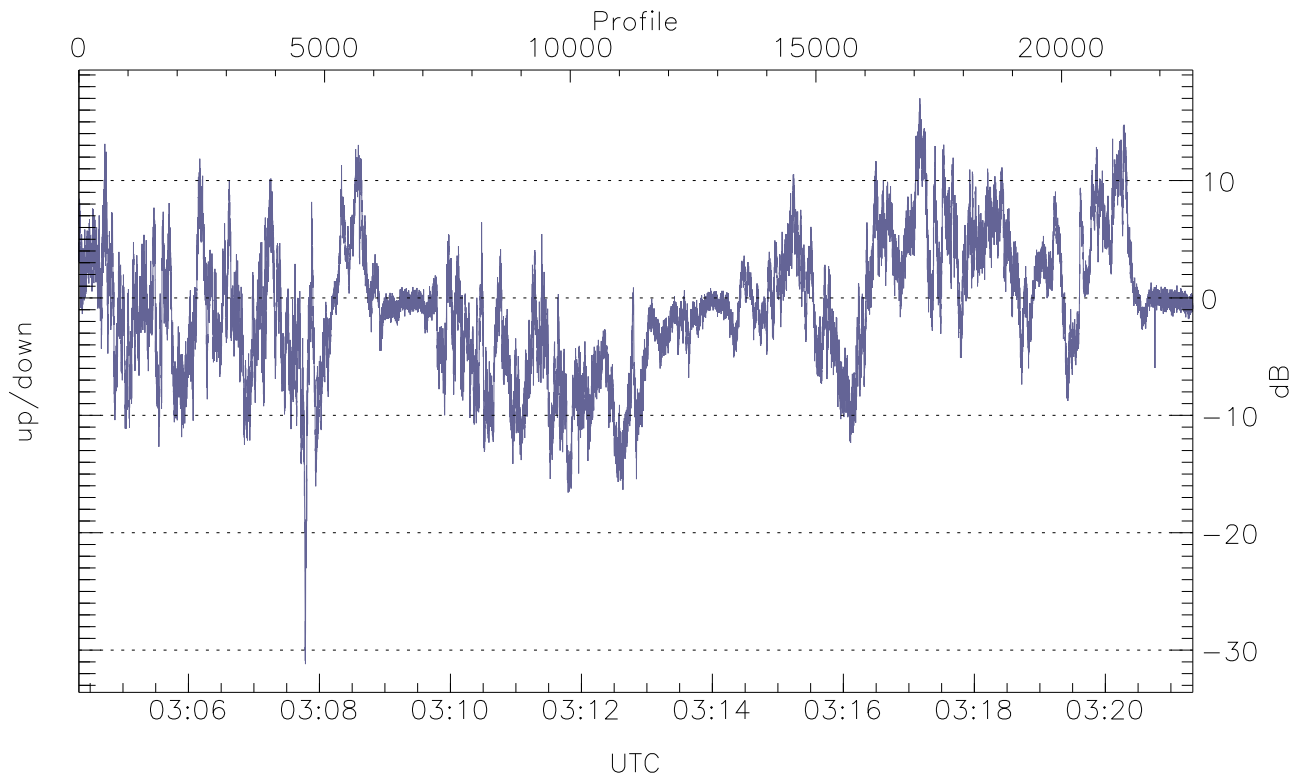
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

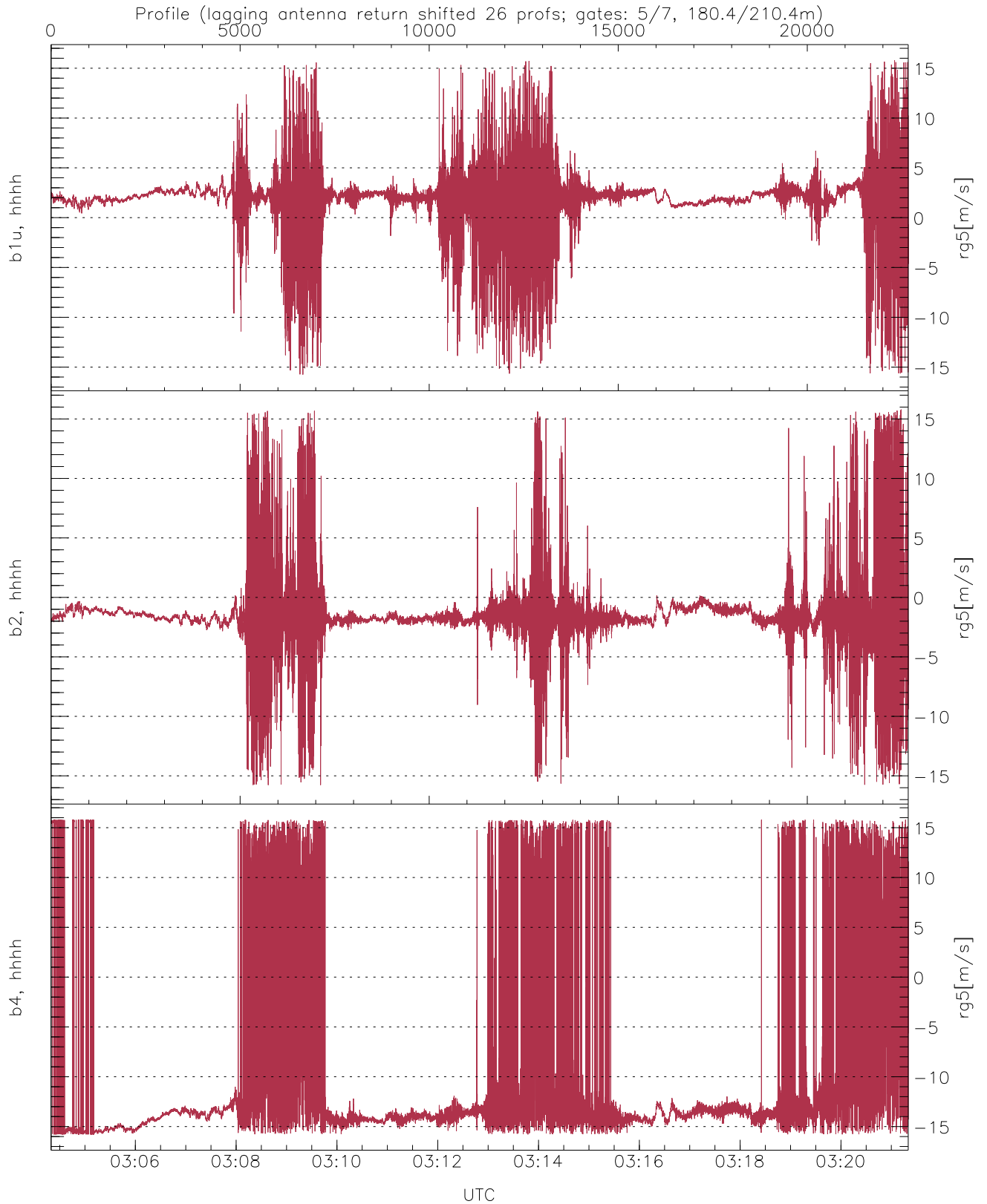
	Min	Max	Mean
up(hh[dBm])	-66.23	-28.26	-44.04
down(hh[dBm])	-66.02	-23.13	-42.82
down-fore(hh[dBm])	-66.01	-26.75	-46.74





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

	Min	Max	Mean
up/down (dB)	-31.19	17.01	-0.79
down/down-fore (dB)	-15.70	19.58	3.11



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.75	15.77	1.72	2.68
b2, hhhh(rg5[m/s])	-15.77	15.79	-1.44	2.87
b4, hhhh(rg5[m/s])	-15.79	15.79	-10.02	8.52