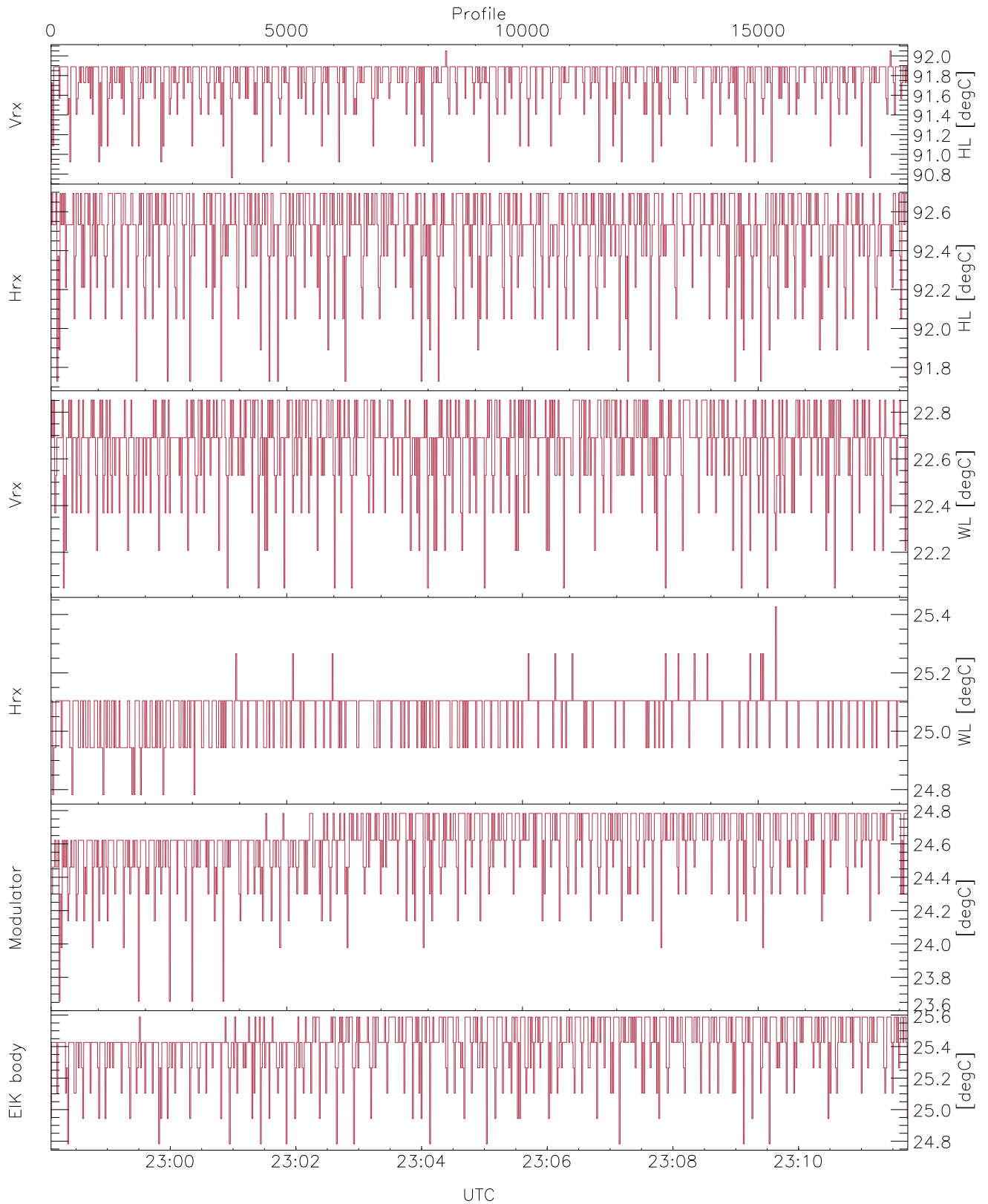


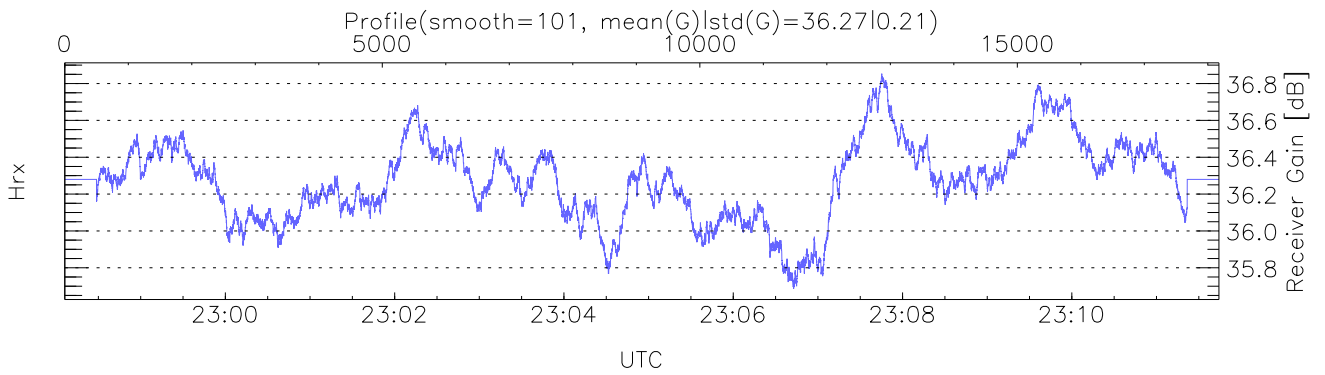
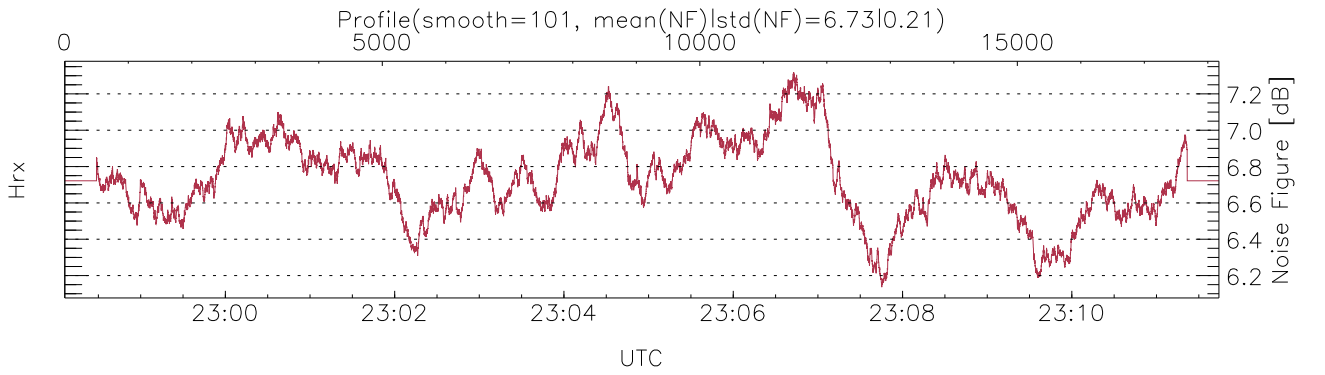
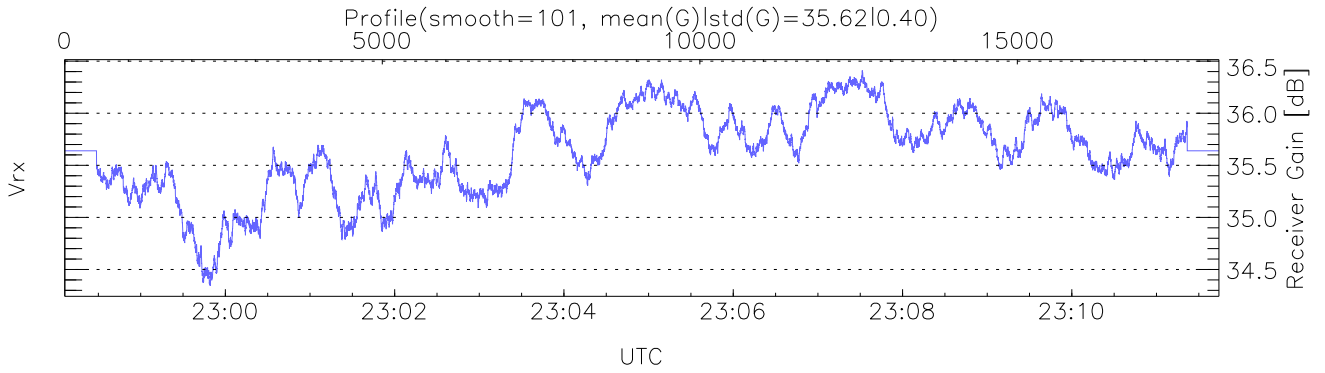
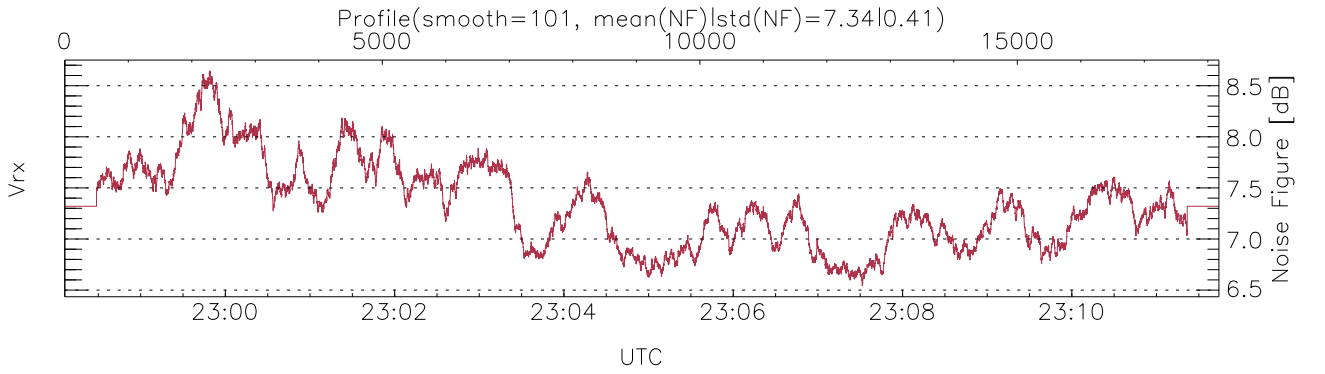
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 22:58:06-23:11:44, TimeCor: 0.00s, Dur: 818.08s
 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): 18176/18176, 0-18175/22:58:06-23:11:44
 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(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



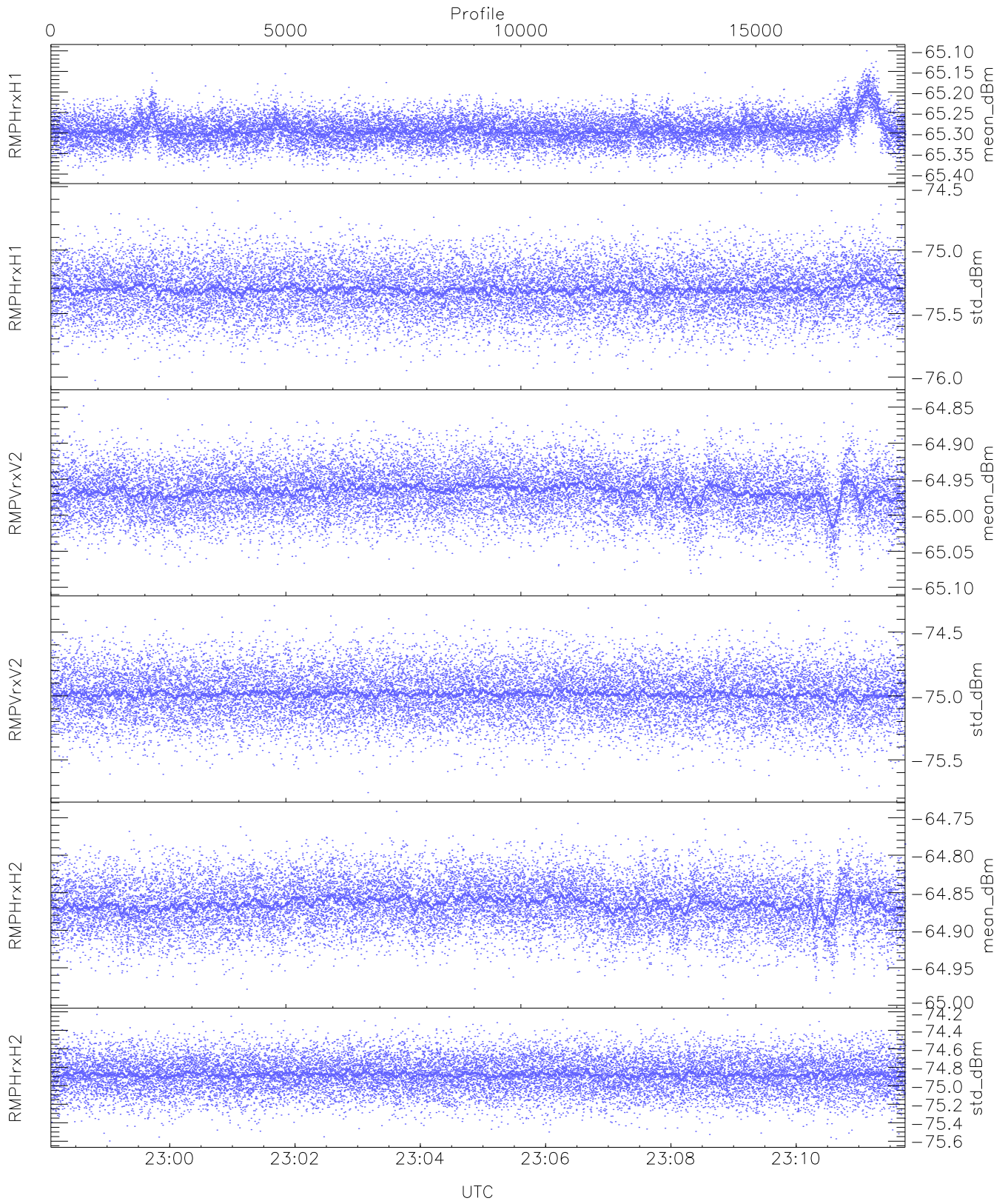
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

```
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,22,24,23,24
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,92,22,25,24,25
LOalarm(20,240,2817,14861 MHz): None
EIK Faults(# prof affected):
  BodyCurr,DeckF (22,22)
```



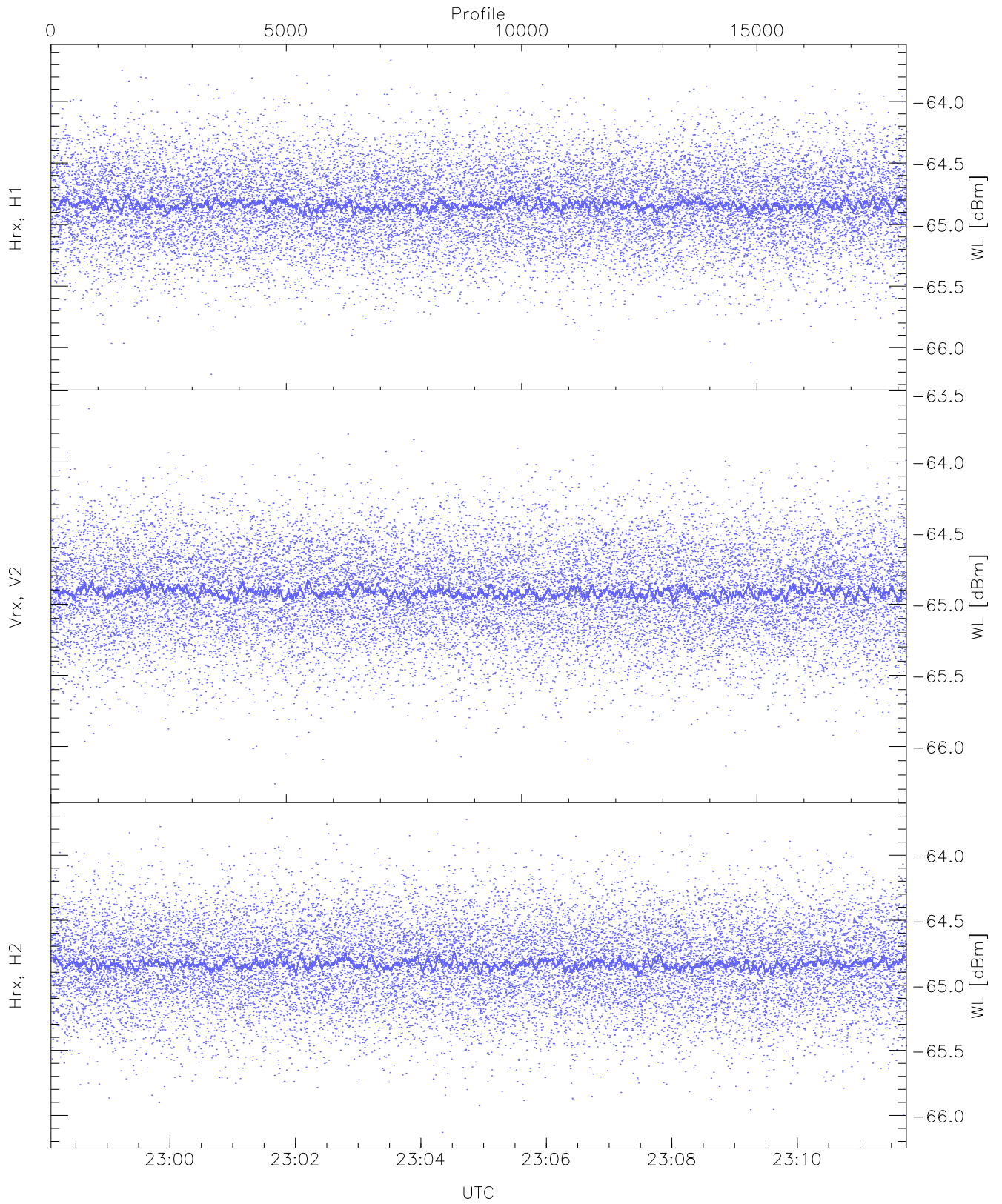
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 2 pixs, 1 gates, 2 profs, 1 prod(s)



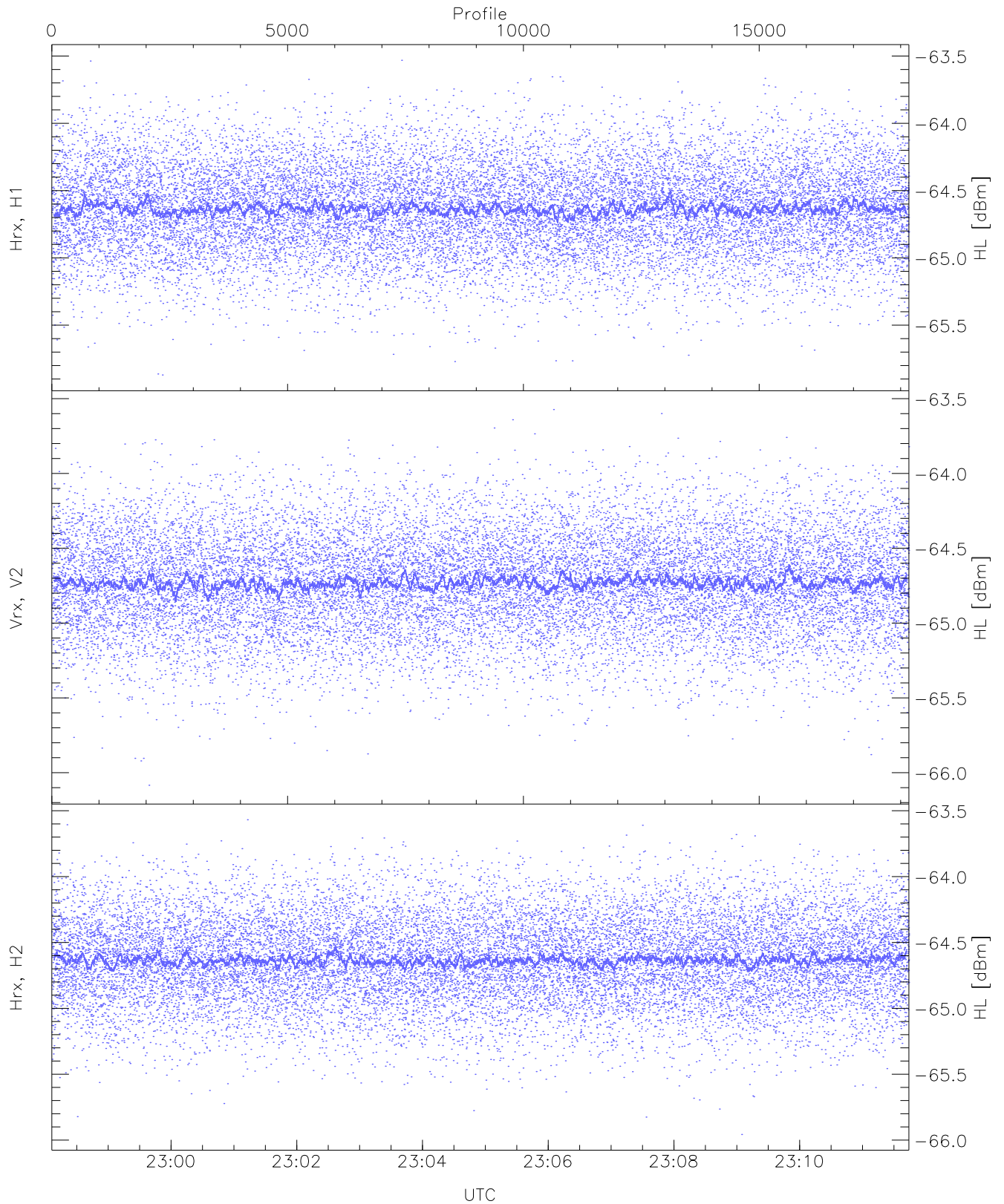
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.41	-65.10	-65.29	-65.29	-86.33
RMPHrxH1(std_dBm)	-76.03	-74.55	-75.31	-75.31	-89.08
RMPVrxV2(mean_dBm)	-65.10	-64.84	-64.97	-64.97	-86.37
RMPVrxV2(std_dBm)	-75.76	-74.29	-74.98	-74.99	-88.77
RMPHrxH2(mean_dBm)	-64.99	-64.74	-64.86	-64.86	-86.37
RMPHrxH2(std_dBm)	-75.60	-74.23	-74.88	-74.88	-88.65



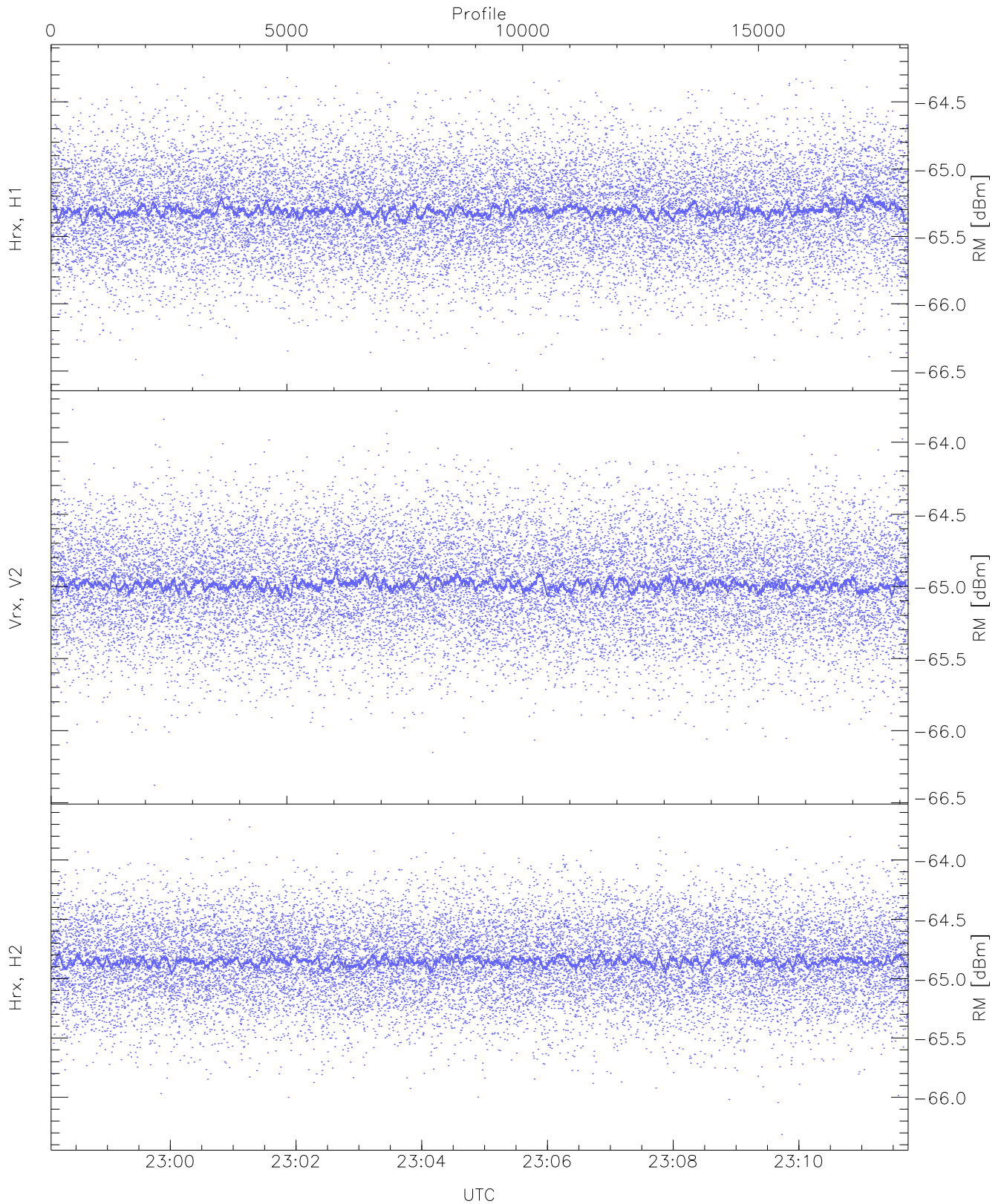
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.22	-63.66	-64.83	-64.84	-76.33
Vrx, V2 (WL [dBm])	-66.26	-63.63	-64.91	-64.91	-76.42
Hrx, H2 (WL [dBm])	-66.13	-63.72	-64.83	-64.84	-76.36



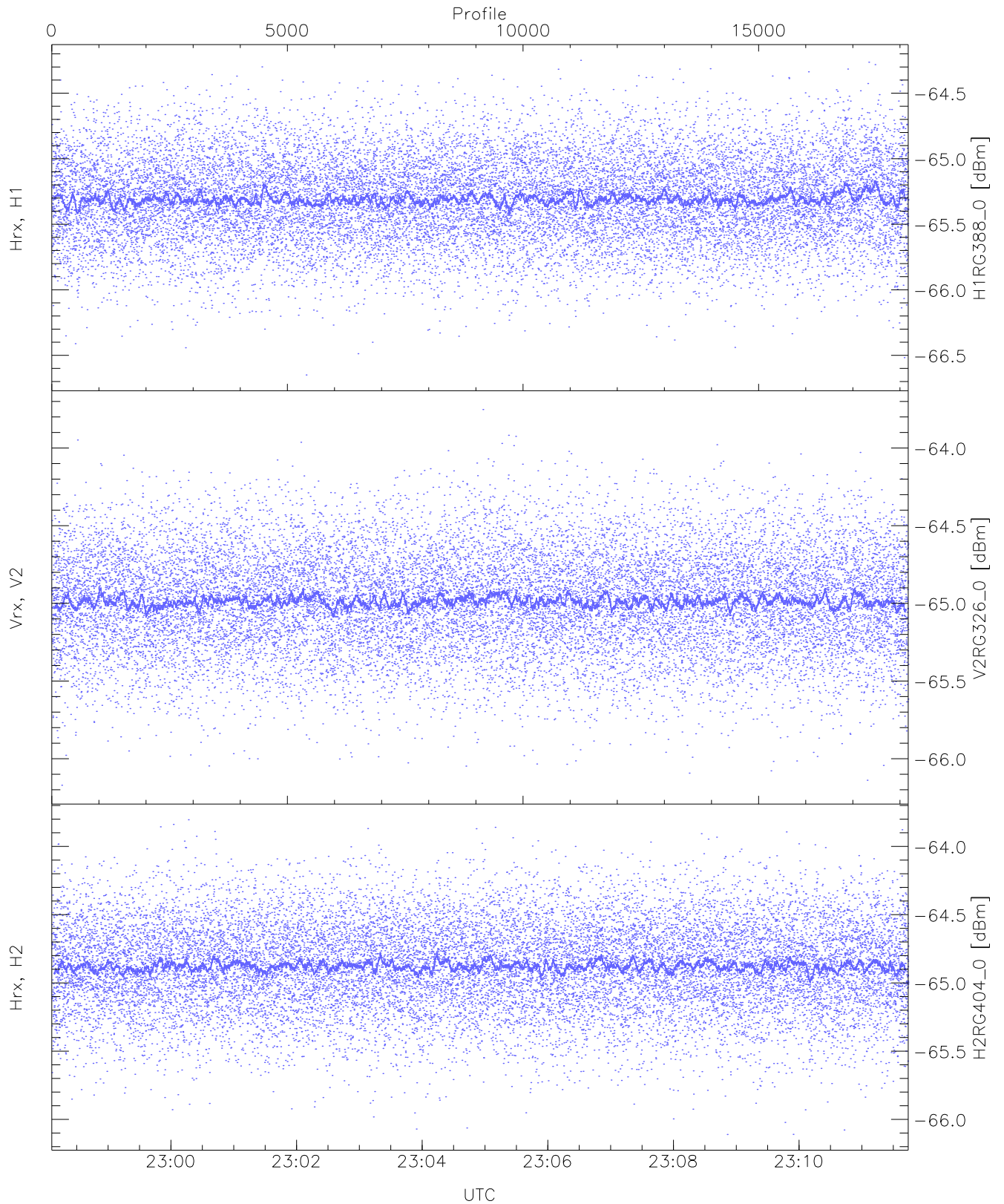
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.87	-63.53	-64.63	-64.64	-76.13
Vrx, V2 (HL [dBm])	-66.08	-63.57	-64.72	-64.73	-76.25
Hrx, H2 (HL [dBm])	-65.96	-63.57	-64.63	-64.64	-76.18



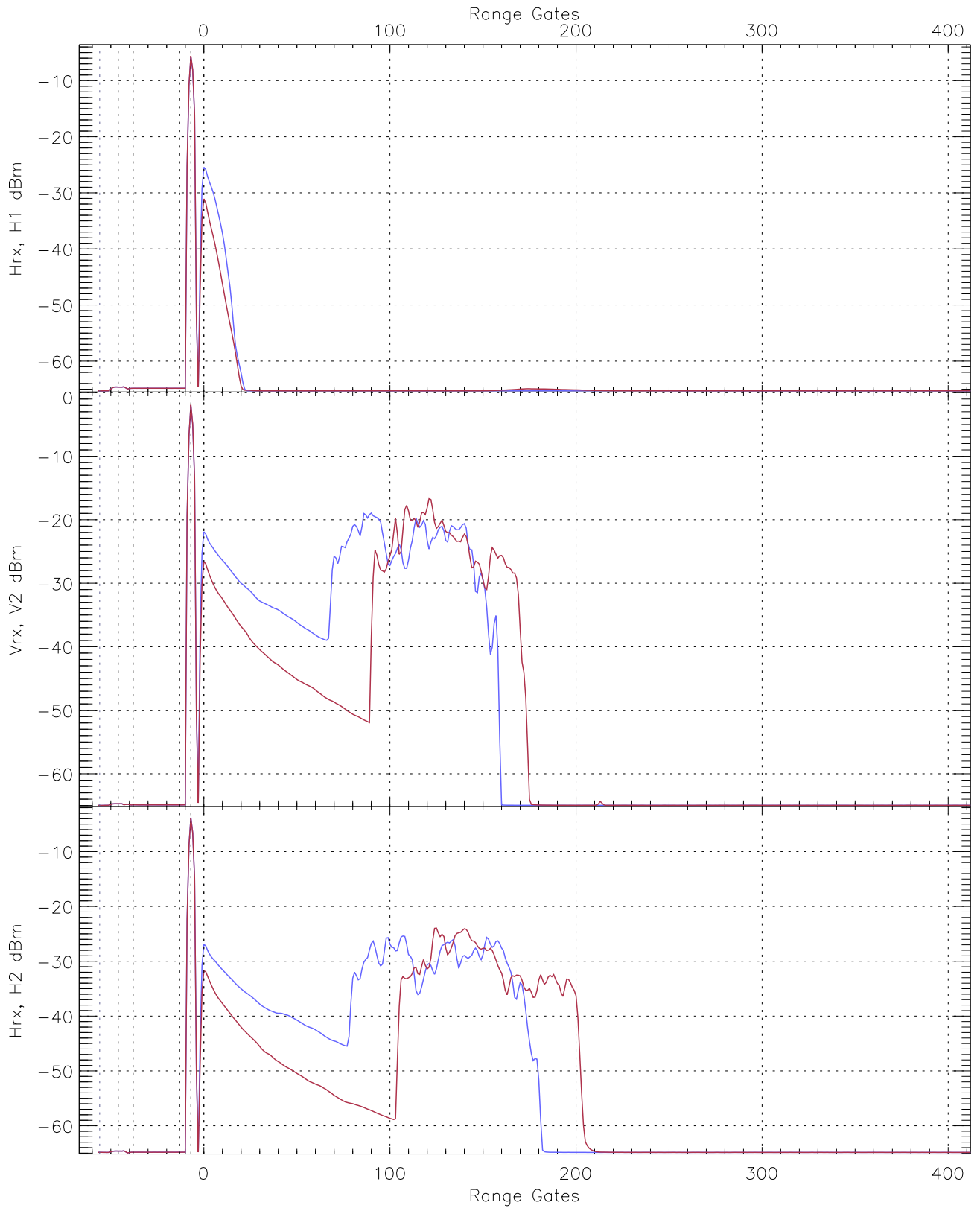
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.53	-64.19	-65.30	-65.31	-76.79
Vrx, V2 (RM [dBm])	-66.38	-63.77	-64.98	-64.99	-76.48
Hrx, H2 (RM [dBm])	-66.31	-63.66	-64.85	-64.86	-76.38

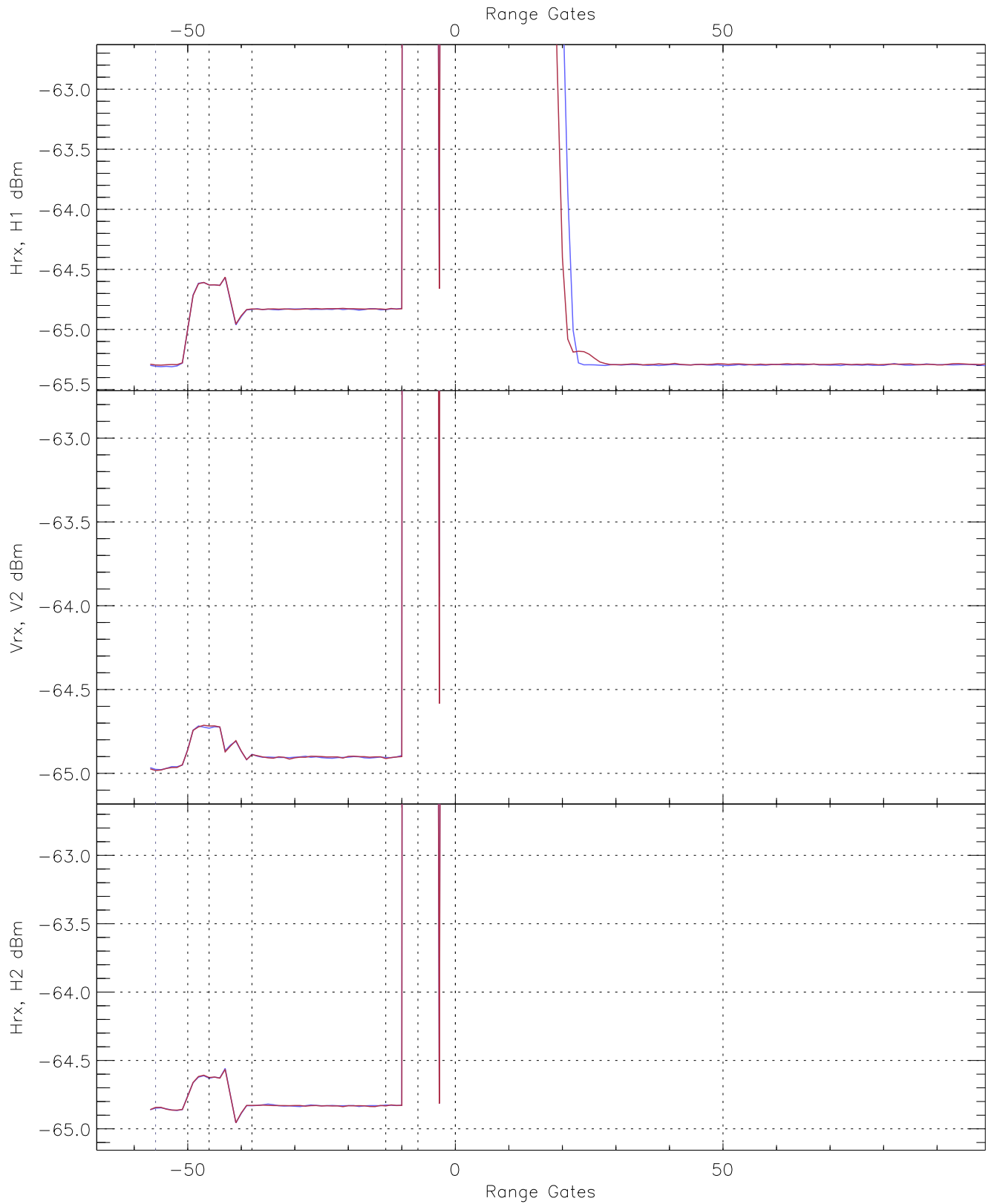


WCR3 CPP "Best" estimate Receivers Noise Power

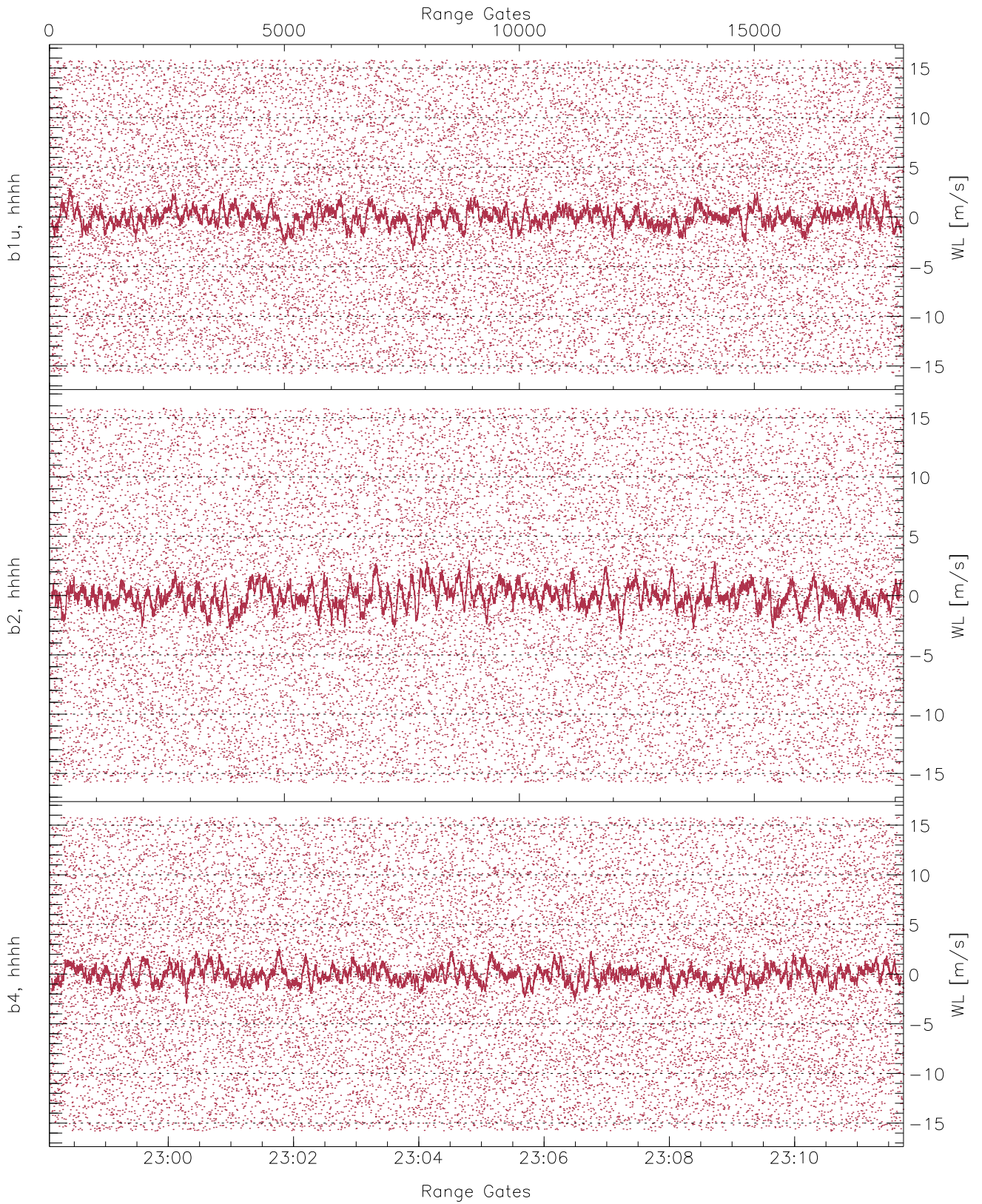
	Min	Max	Mean	Median	StDev
H1RG388_0 [dBm]	-66.65	-64.25	-65.30	-65.31	-76.77
V2RG326_0 [dBm]	-66.17	-63.75	-64.98	-64.99	-76.52
H2RG404_0 [dBm]	-66.11	-63.80	-64.87	-64.88	-76.37



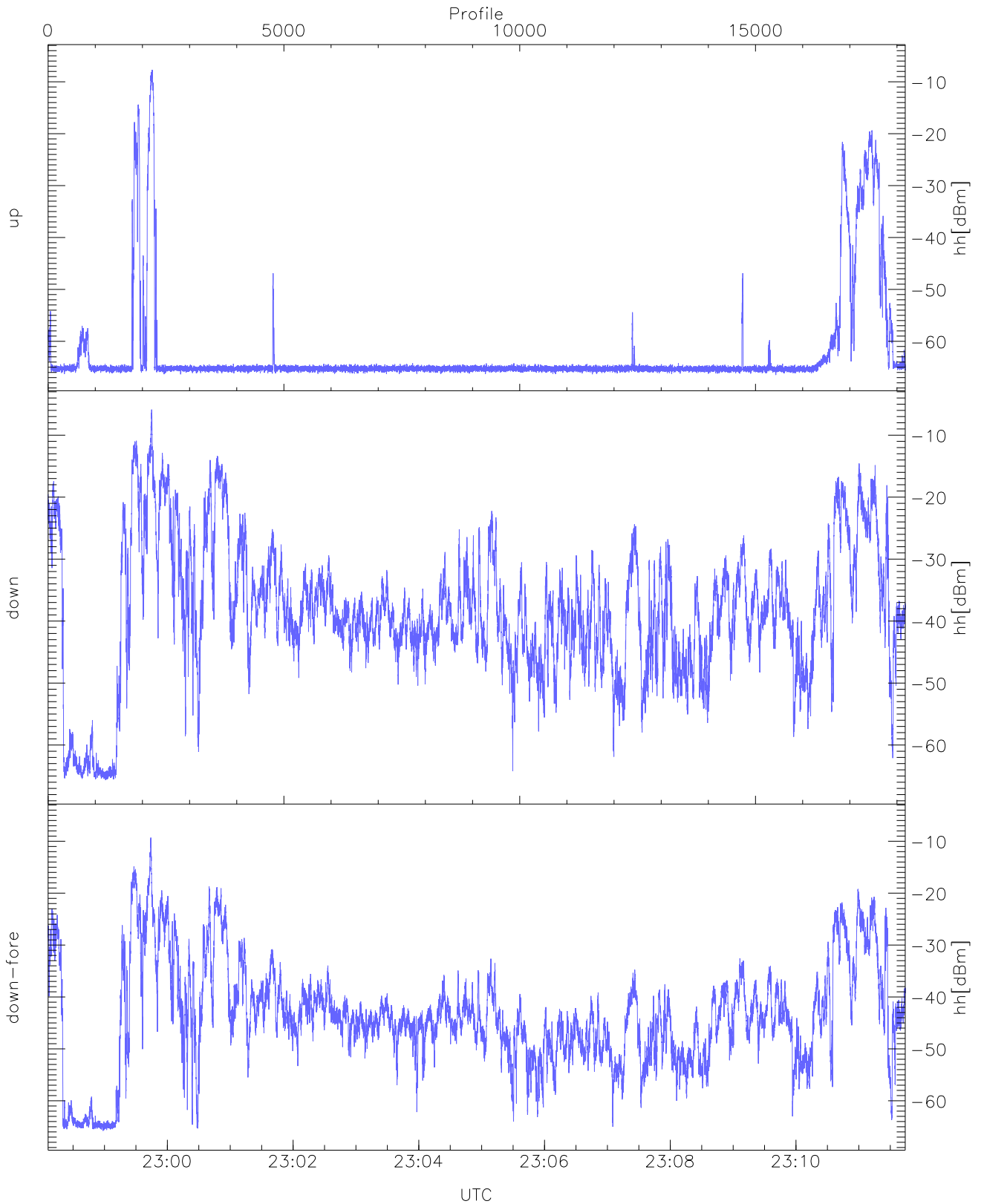
WCR3 CPP Averaged Received power for all recorded gates
blue: 225806-230455, 9089 profiles averaged
red: 230455-231144, 9088 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 225806-230455, 9089 profiles averaged
red: 230455-231144, 9088 profiles averaged

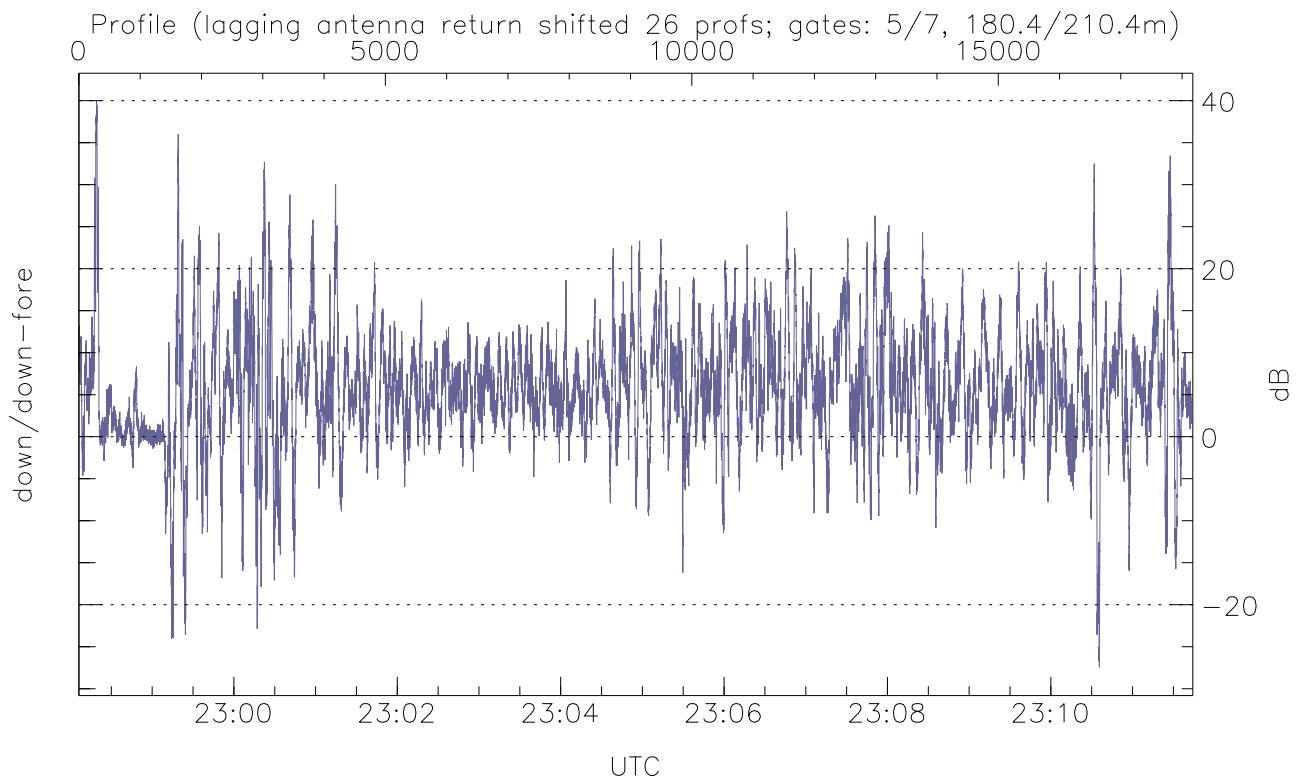
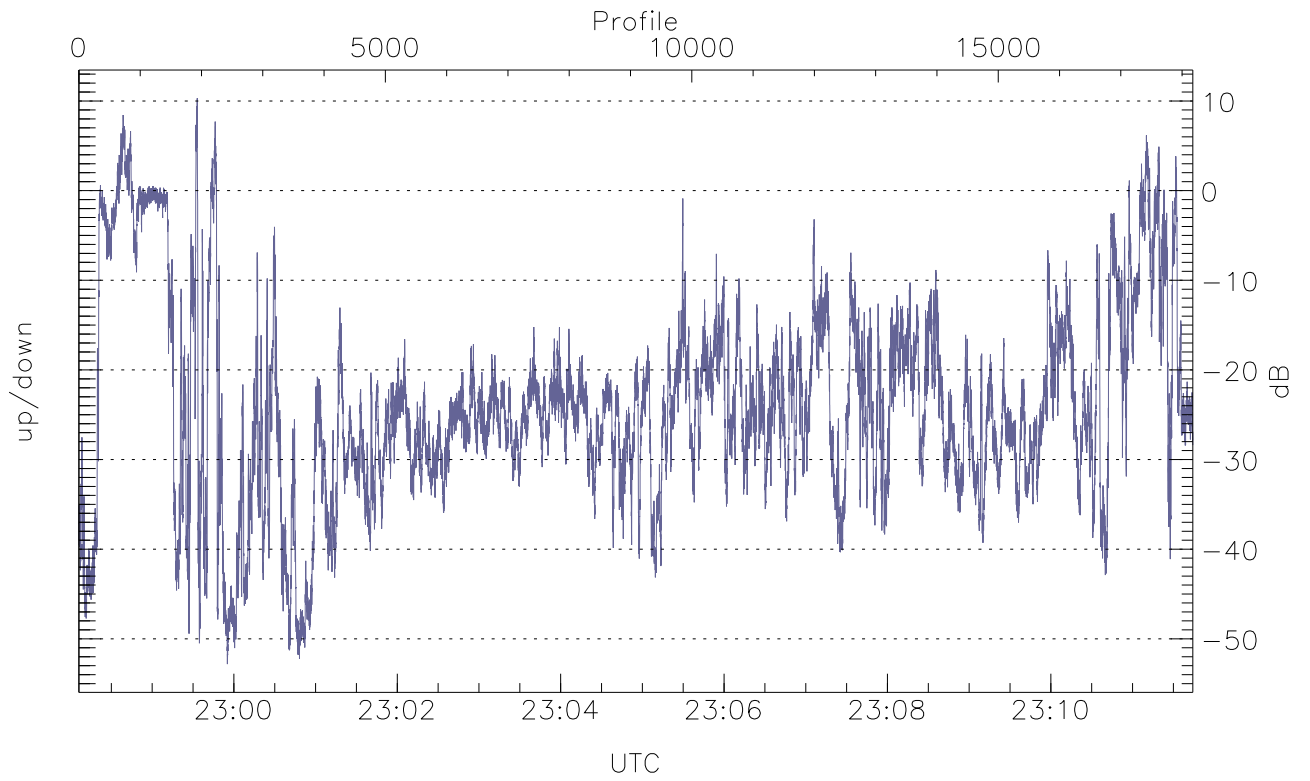


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



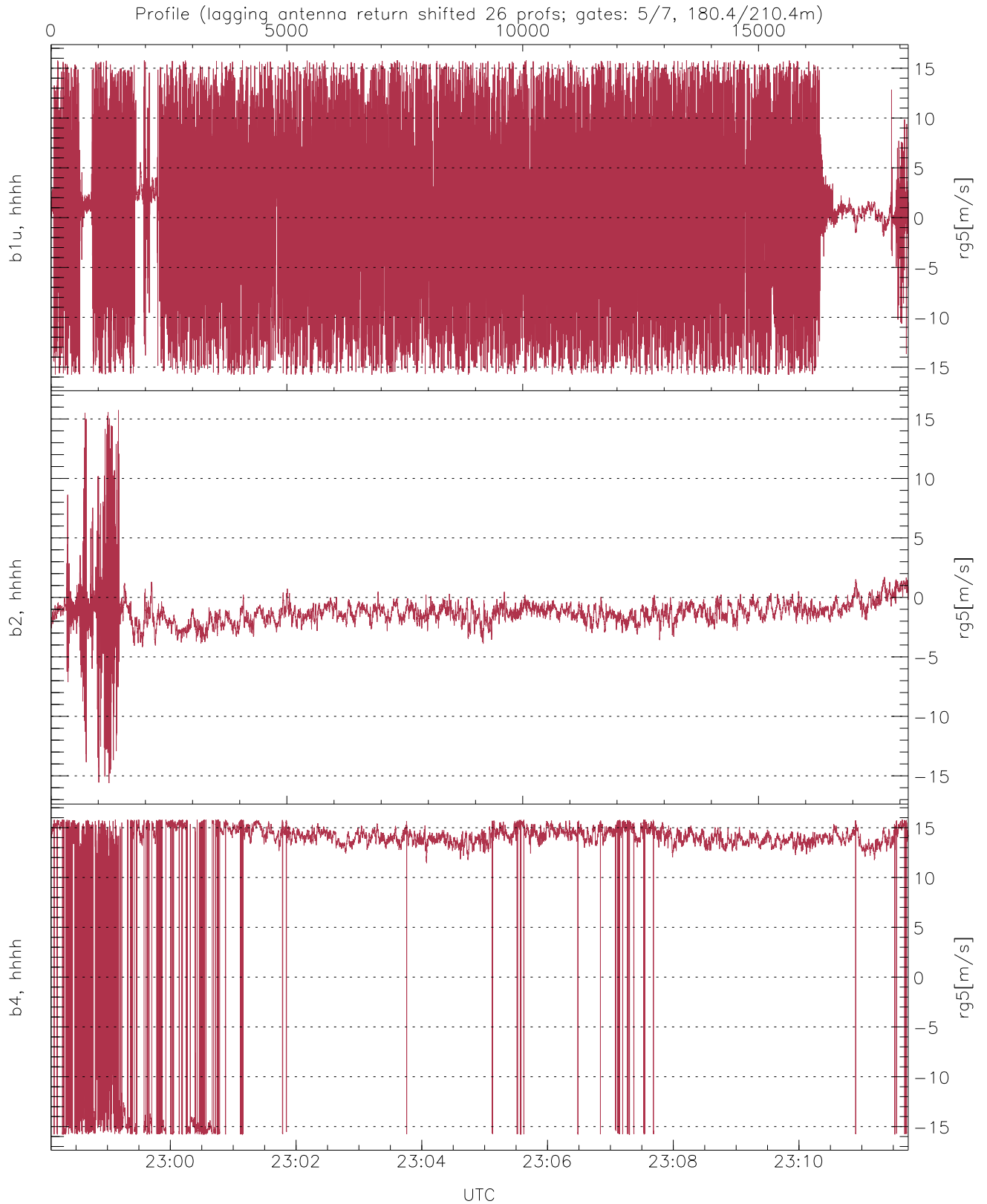
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.49	-7.68	-32.25
down(hh[dBm])	-65.66	-5.86	-26.44
down-fore(hh[dBm])	-65.79	-9.29	-31.51



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

	Min	Max	Mean
up/down (dB)	-52.82	10.30	-23.94
down/down-fore (dB)	-27.45	39.90	5.92



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	0.20	7.61
b2, hhhh(rg5[m/s])	-15.61	15.73	-1.27	1.35
b4, hhhh(rg5[m/s])	-15.79	15.79	11.21	8.67