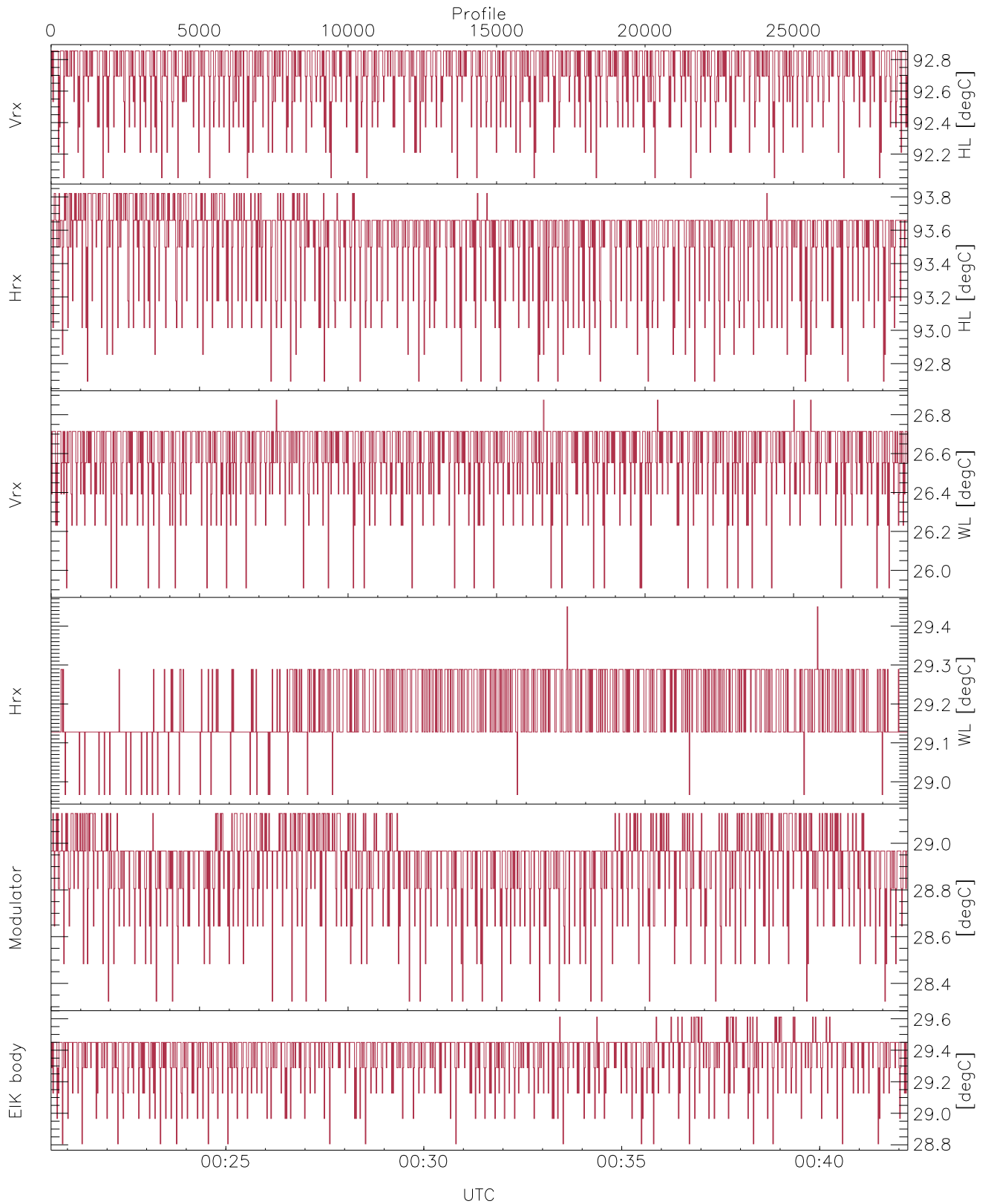


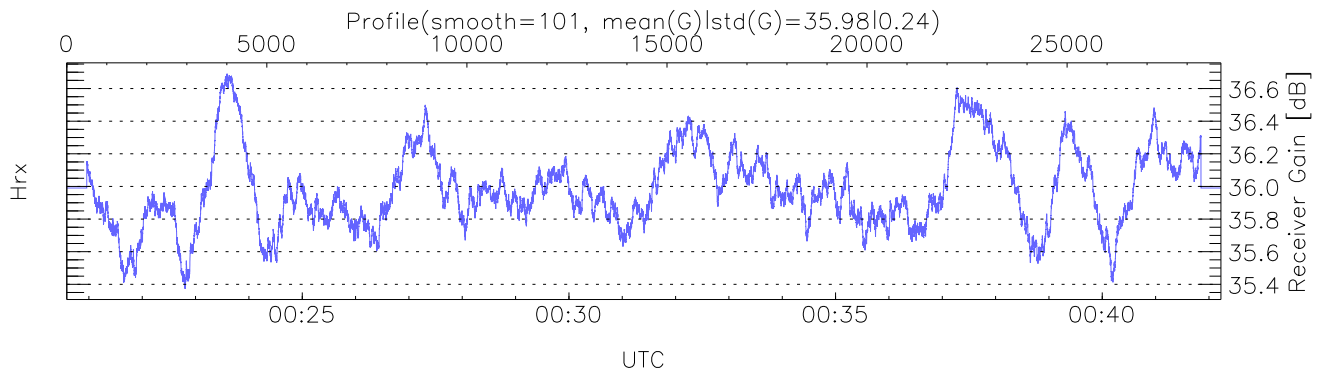
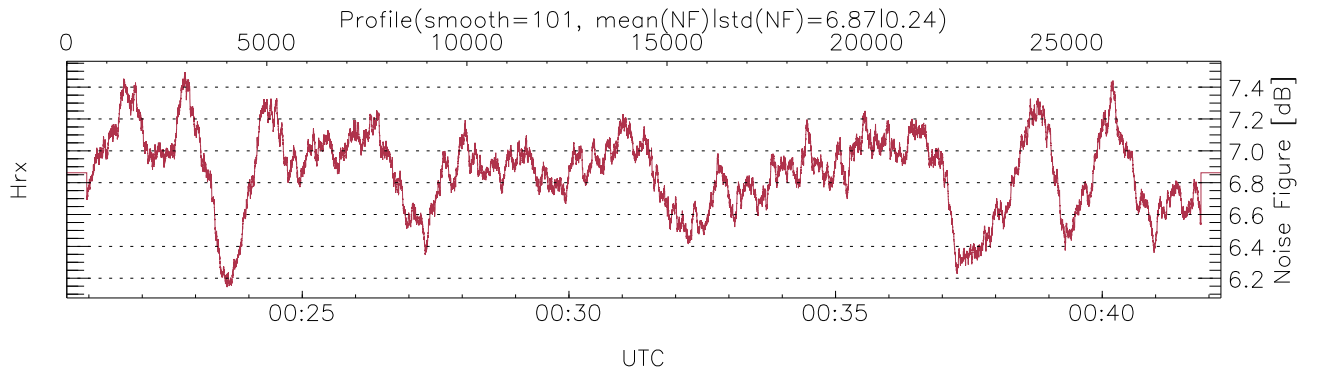
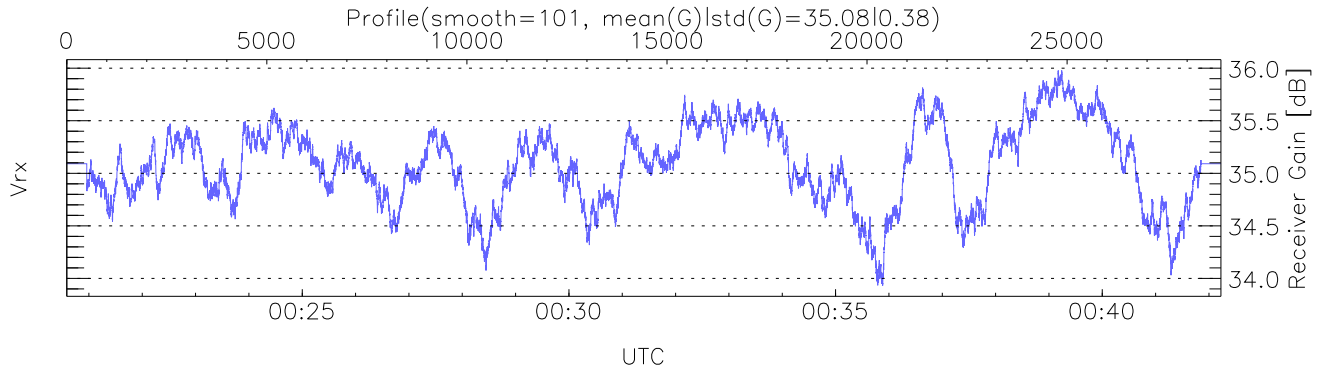
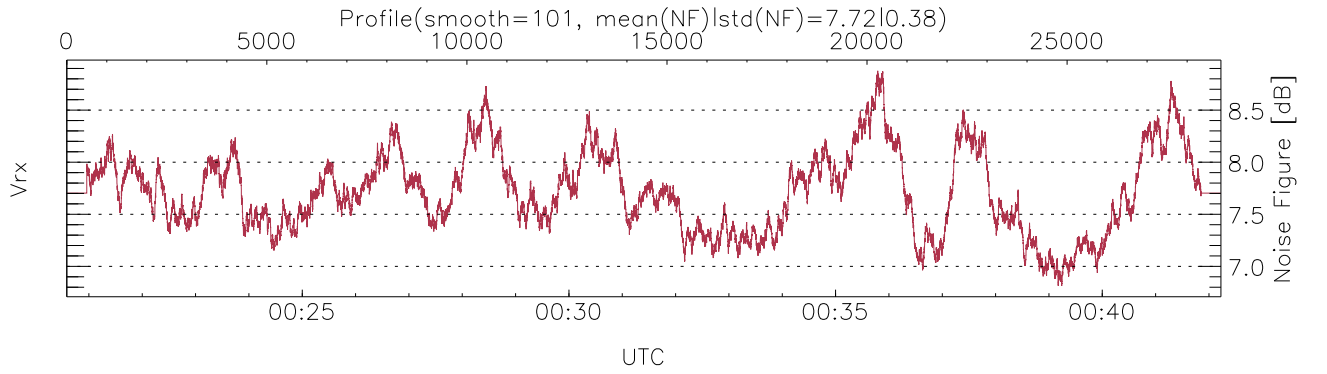
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 00:20:35-00:42:14, TimeCor: 0.00s, Dur: 1298.39s  
 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): 28847/28847, 0-28846/00:20:35-00:42:14  
 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 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



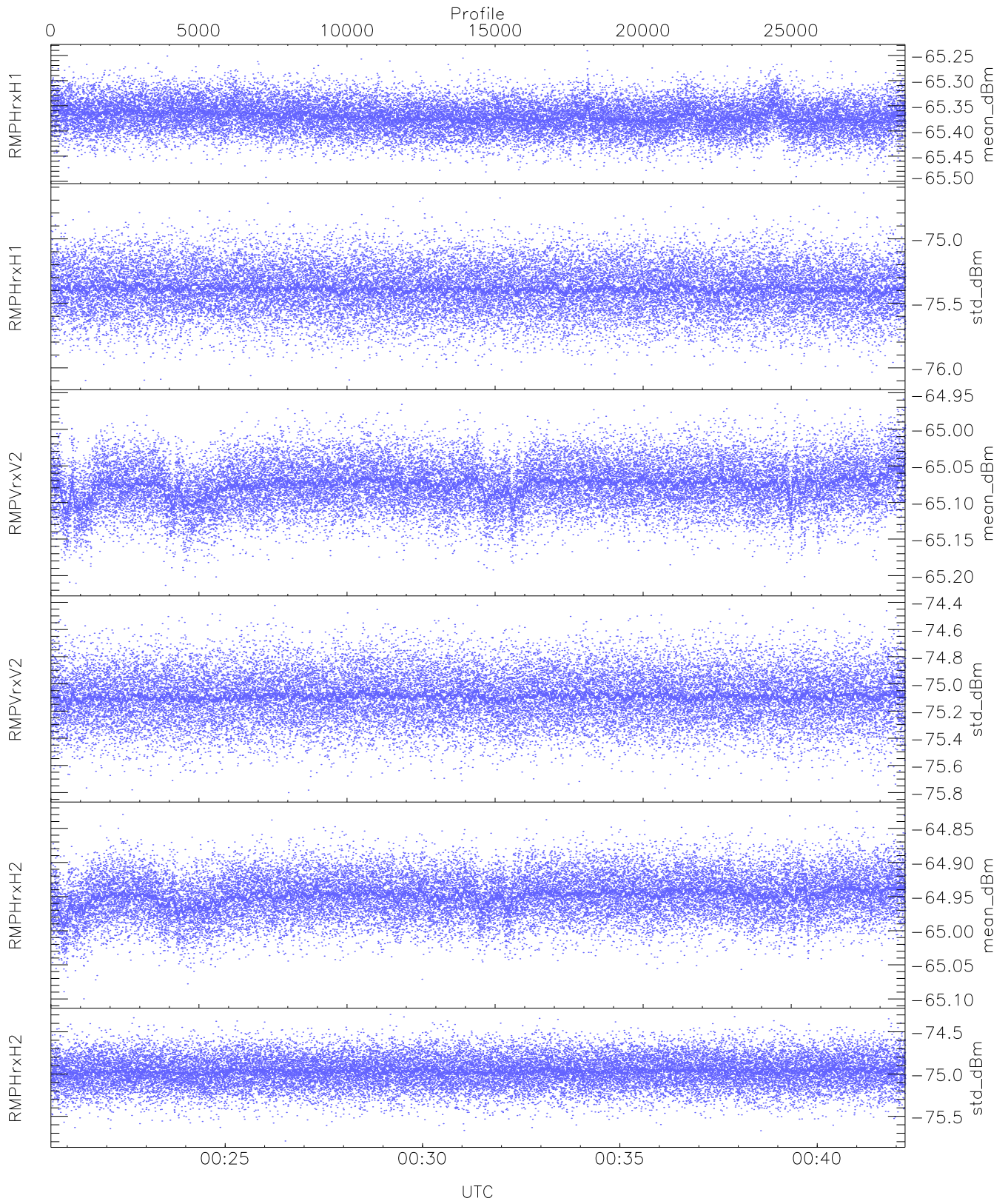
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

```
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,92,25,28,28,28
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,26,29,29,29
LOalarm(20,240,2817,14861 MHz): 0,0,24,0
EIK Faults(# prof affected):
  BodyCurr,DeckF (24,24)
```



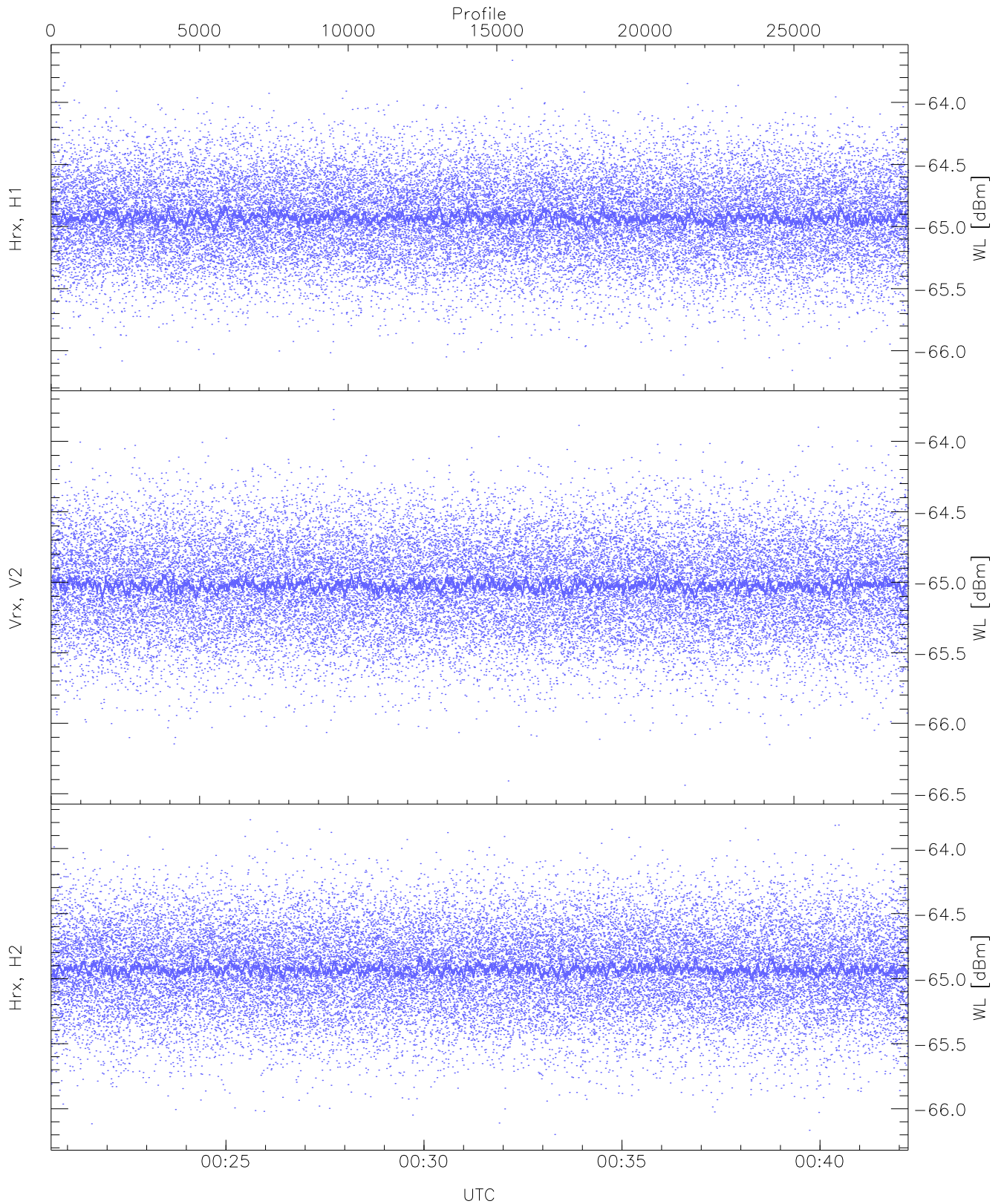
### WCR3 CPP Receivers Gain and Noise Figure

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



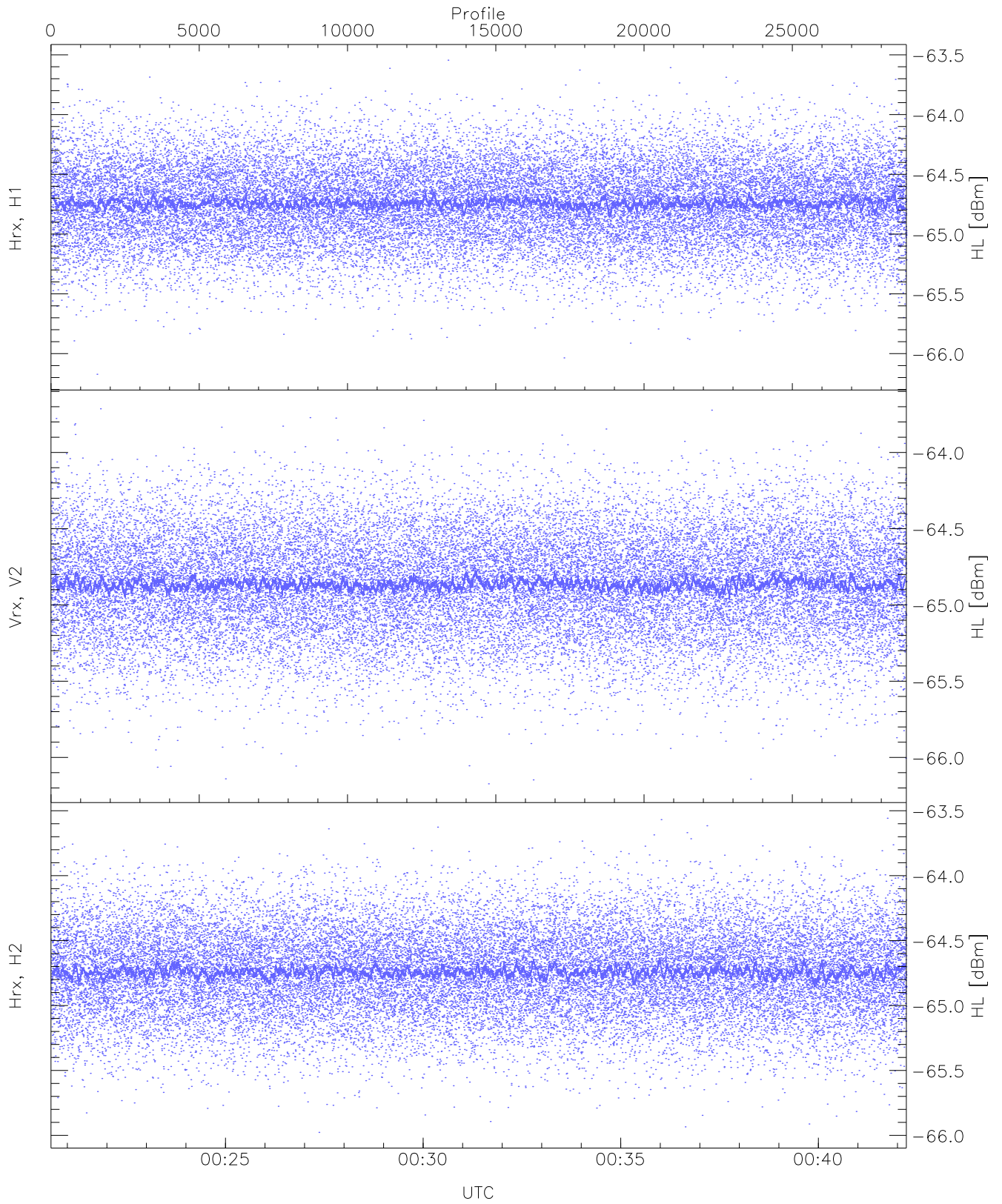
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.49	-65.24	-65.37	-65.37	-86.87
RMPHrxH1(std_dBm)	-76.10	-74.64	-75.39	-75.39	-89.16
RMPVrxV2(mean_dBm)	-65.21	-64.96	-65.08	-65.08	-86.44
RMPVrxV2(std_dBm)	-75.80	-74.42	-75.09	-75.09	-88.87
RMPHrxH2(mean_dBm)	-65.10	-64.83	-64.95	-64.95	-86.39
RMPHrxH2(std_dBm)	-75.79	-74.30	-74.97	-74.97	-88.77



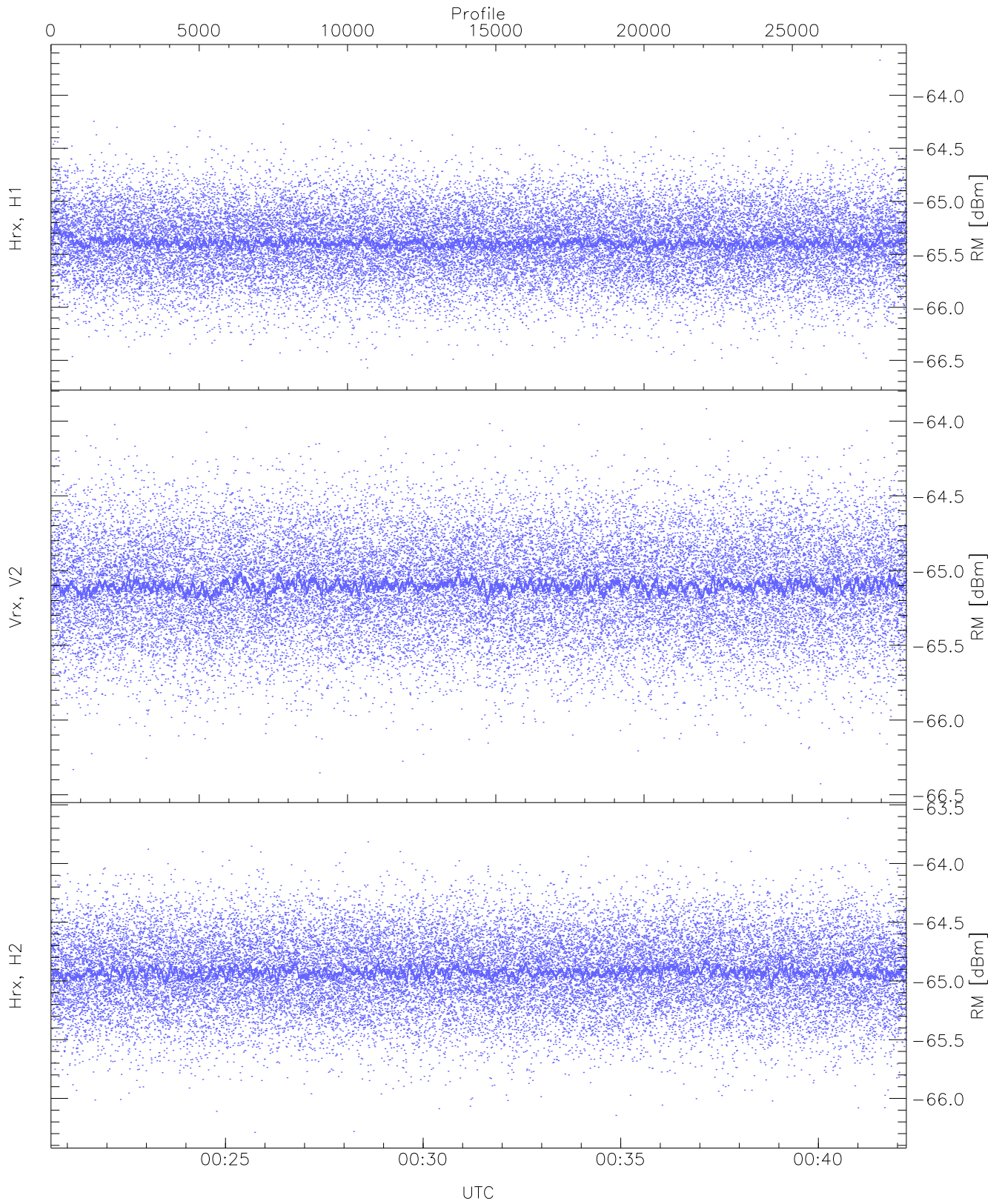
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.20	-63.66	-64.92	-64.93	-76.42
Vrx, V2 (WL [dBm])	-66.44	-63.77	-65.02	-65.02	-76.55
Hrx, H2 (WL [dBm])	-66.20	-63.78	-64.92	-64.93	-76.40



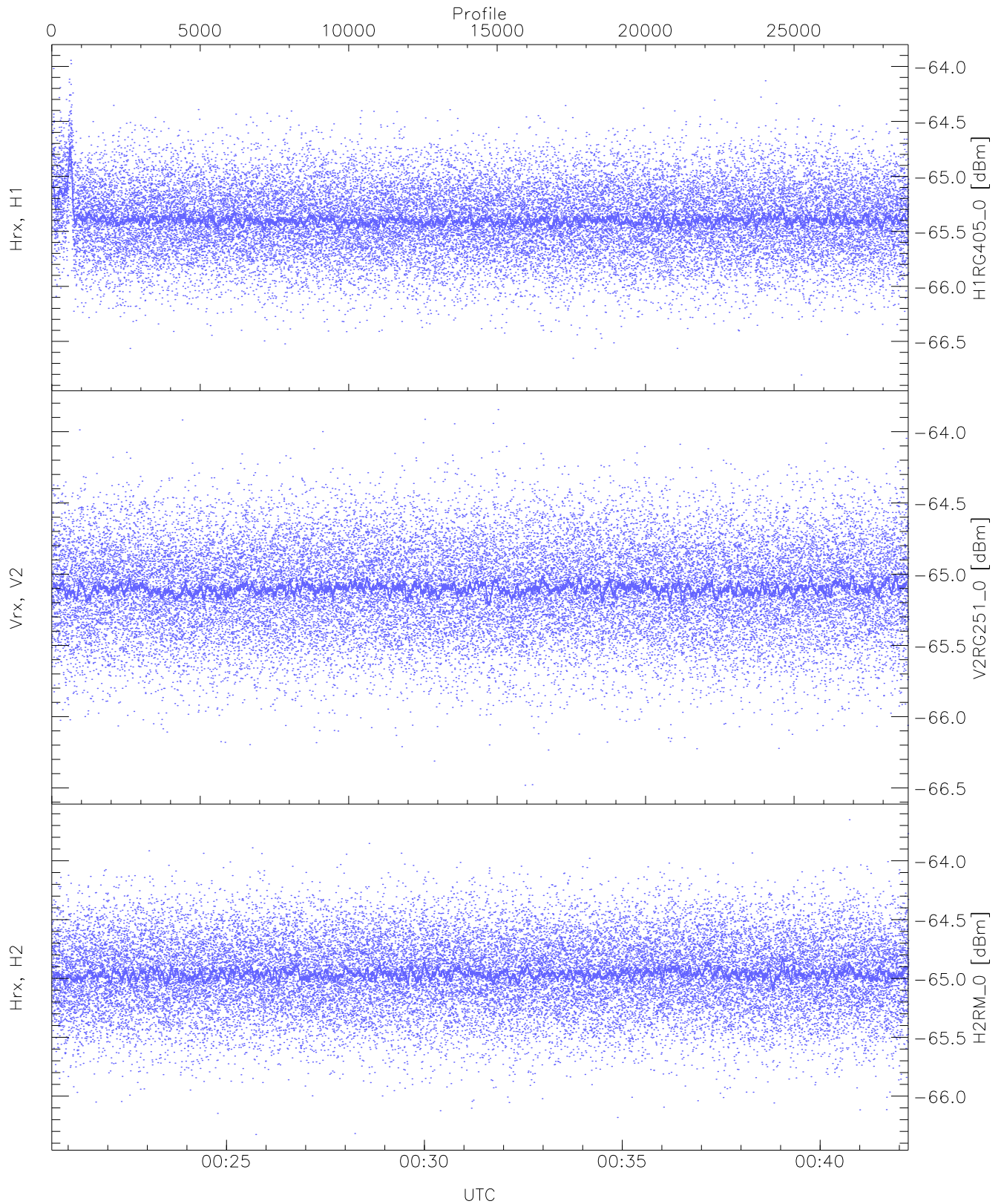
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.17	-63.55	-64.73	-64.74	-76.23
Vrx, V2 (HL [dBm])	-66.17	-63.71	-64.86	-64.86	-76.35
Hrx, H2 (HL [dBm])	-65.98	-63.56	-64.73	-64.74	-76.23



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

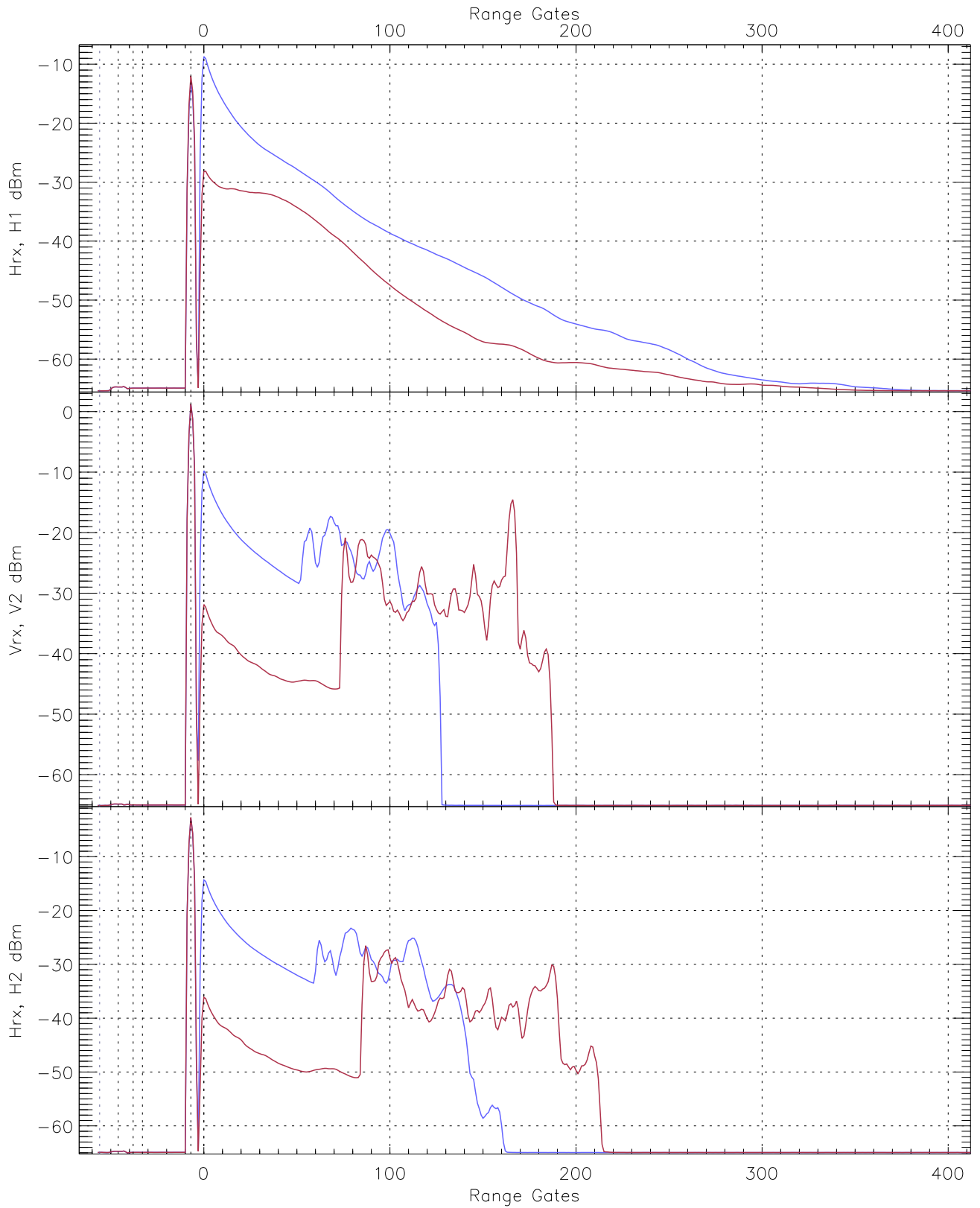
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.63	-63.67	-65.38	-65.39	-76.89
Vrx, V2 (RM [dBm])	-66.43	-63.92	-65.09	-65.10	-76.62
Hrx, H2 (RM [dBm])	-66.29	-63.61	-64.92	-64.92	-76.43



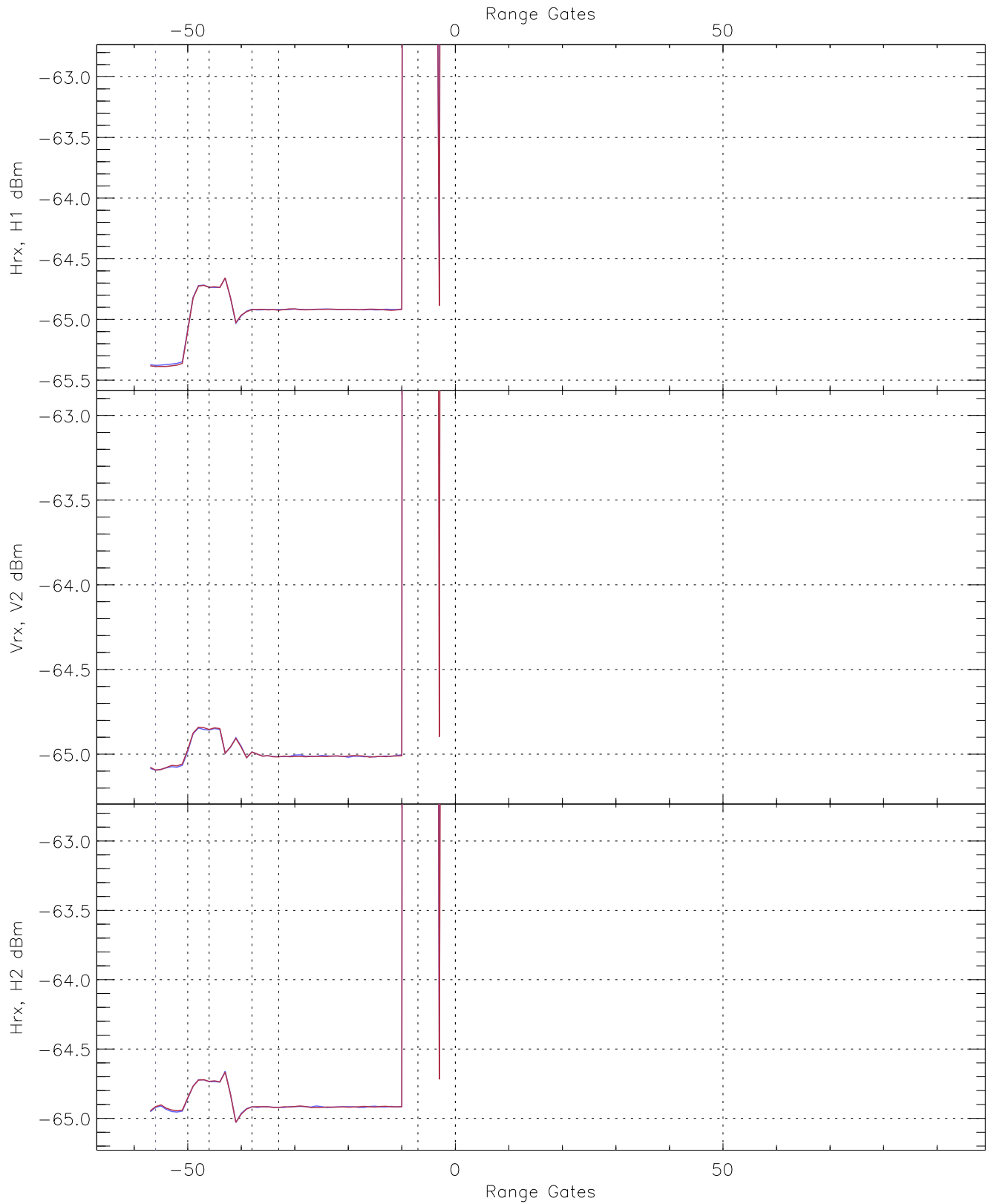
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG405_0 [dBm]	-66.81	-63.94	-65.38	-65.39	-76.79
V2RG251_0 [dBm]	-66.48	-63.84	-65.09	-65.10	-76.60
H2RM_0 [dBm]	-66.33	-63.65	-64.95	-64.96	-76.47

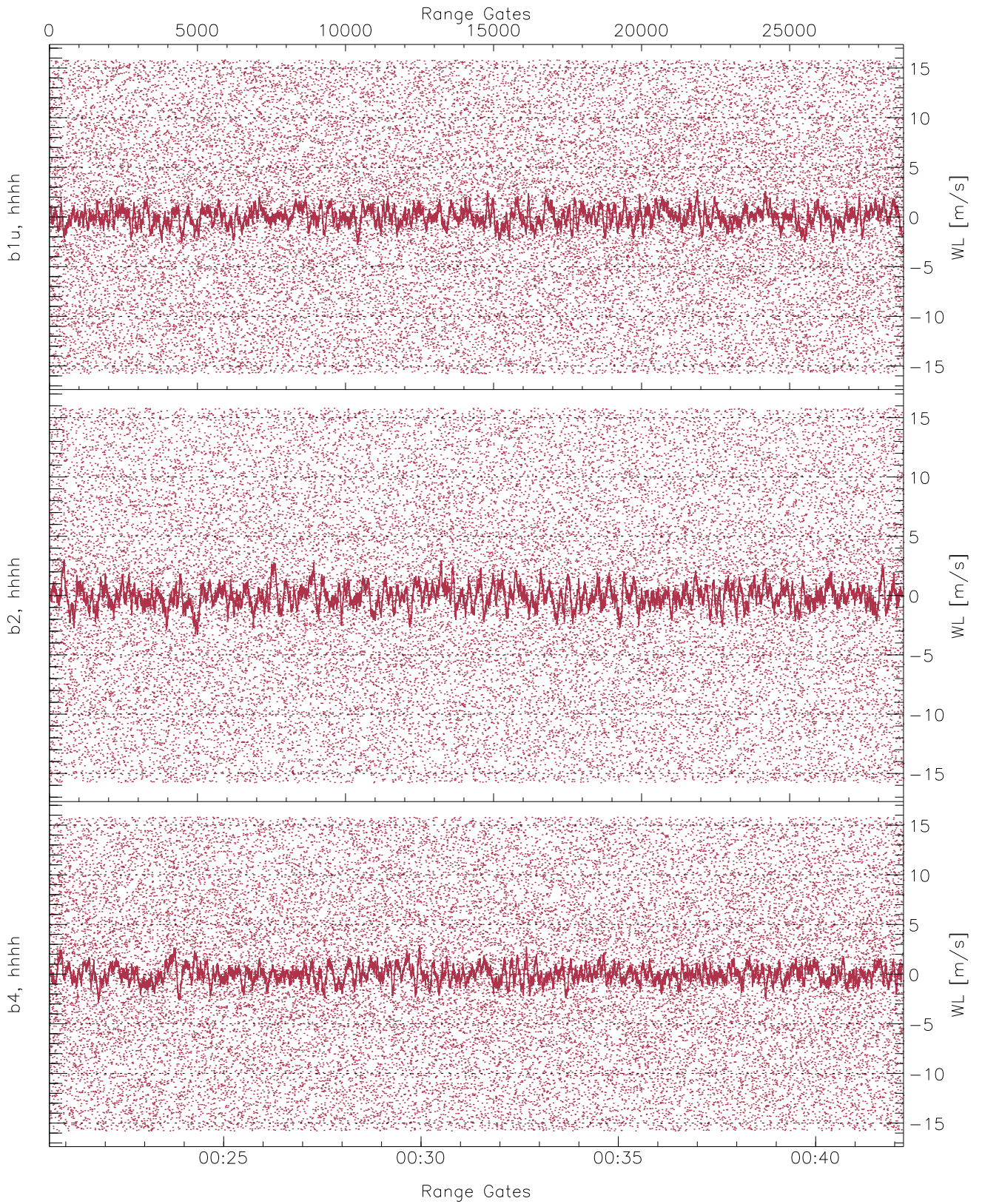




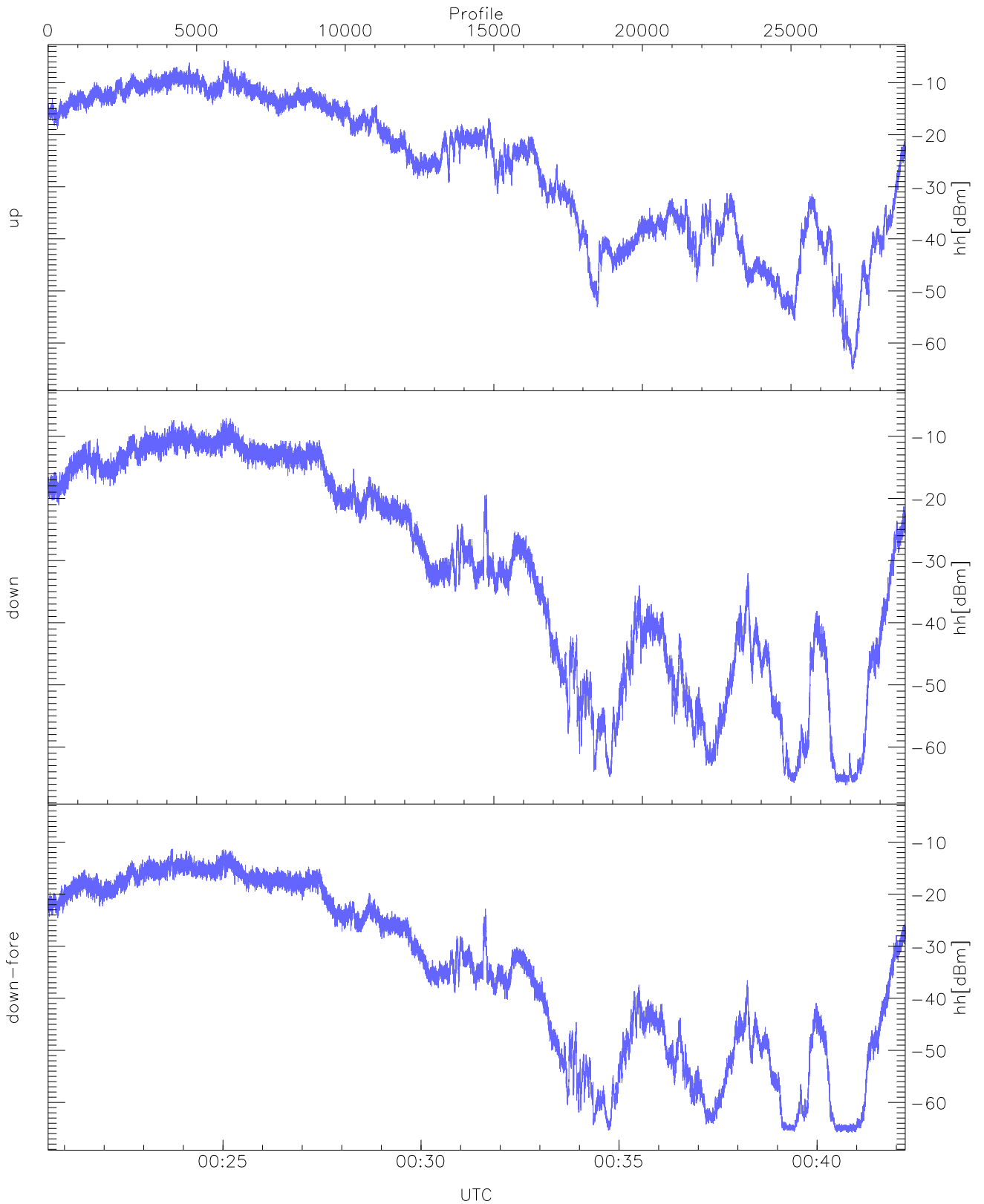
WCR3 CPP Averaged Received power for all recorded gates  
blue: 002035-003124, 14424 profiles averaged  
red: 003124-004214, 14424 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 002035-003124, 14424 profiles averaged  
red: 003124-004214, 14424 profiles averaged

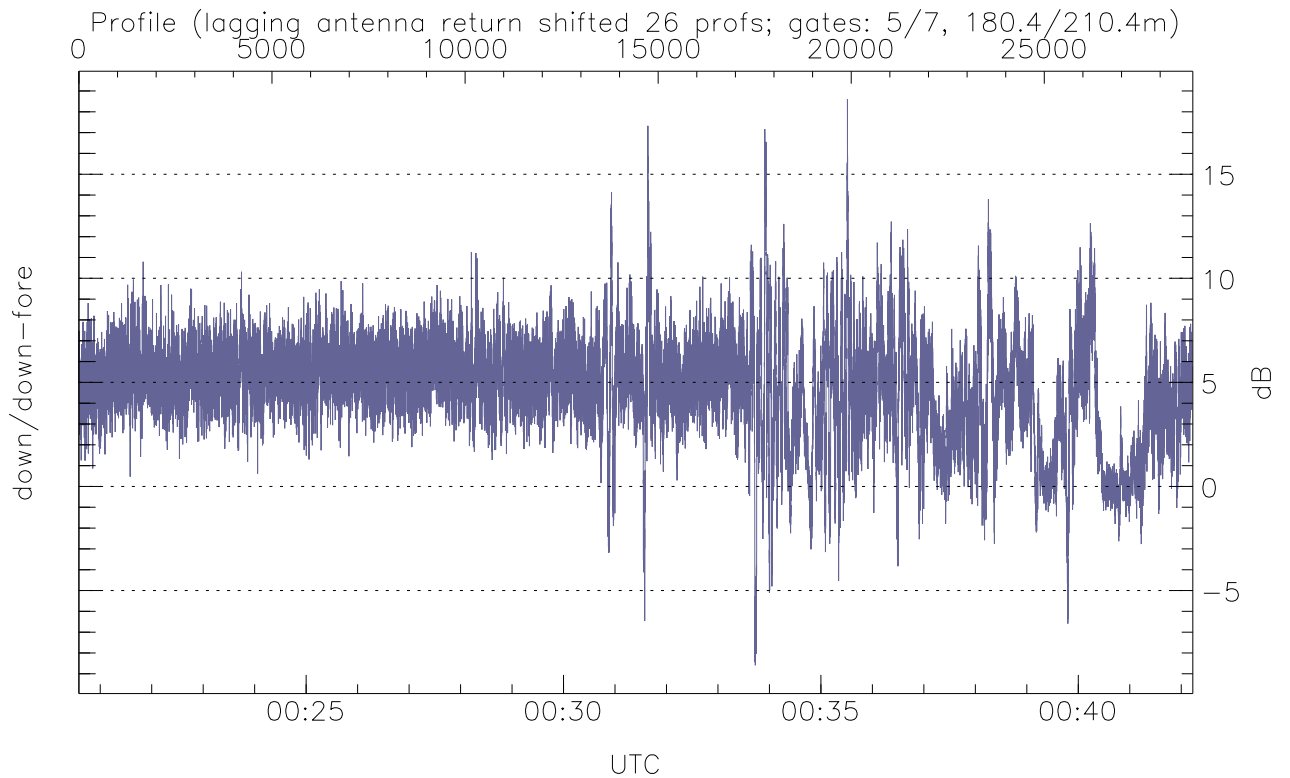
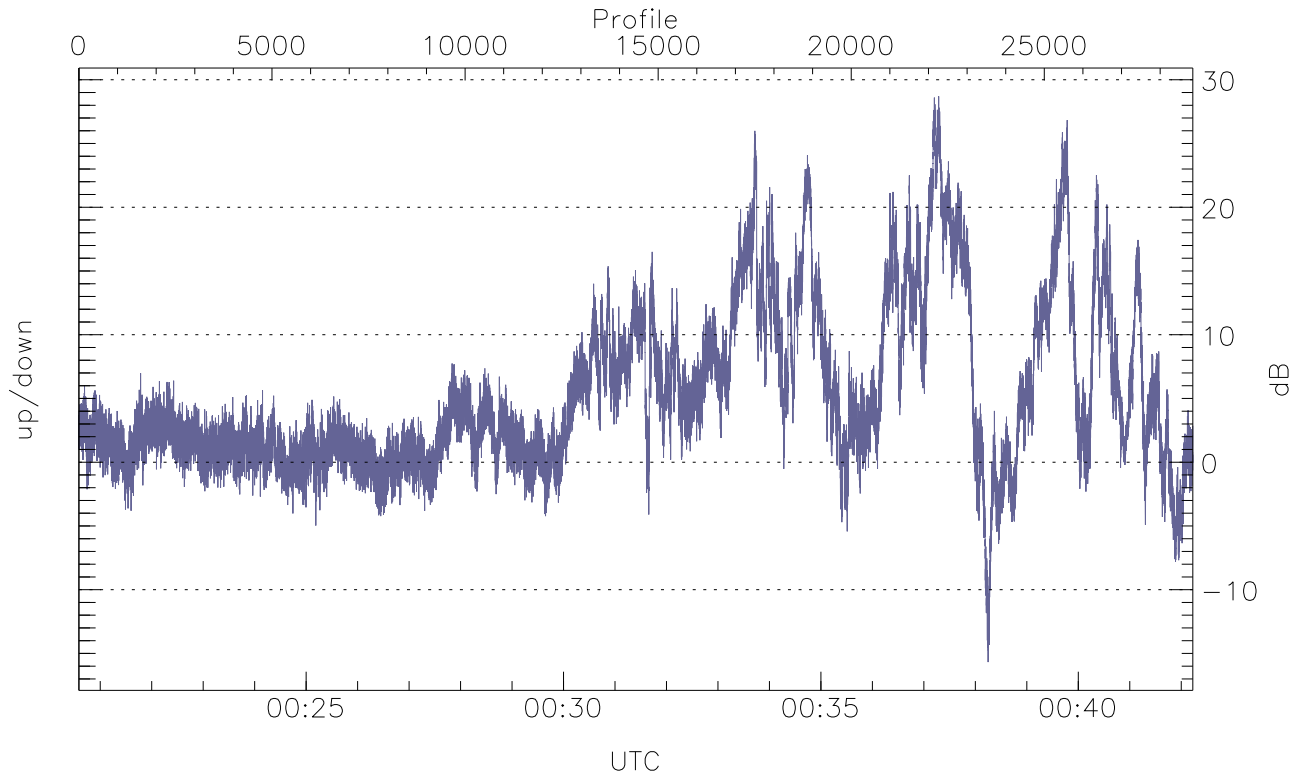


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



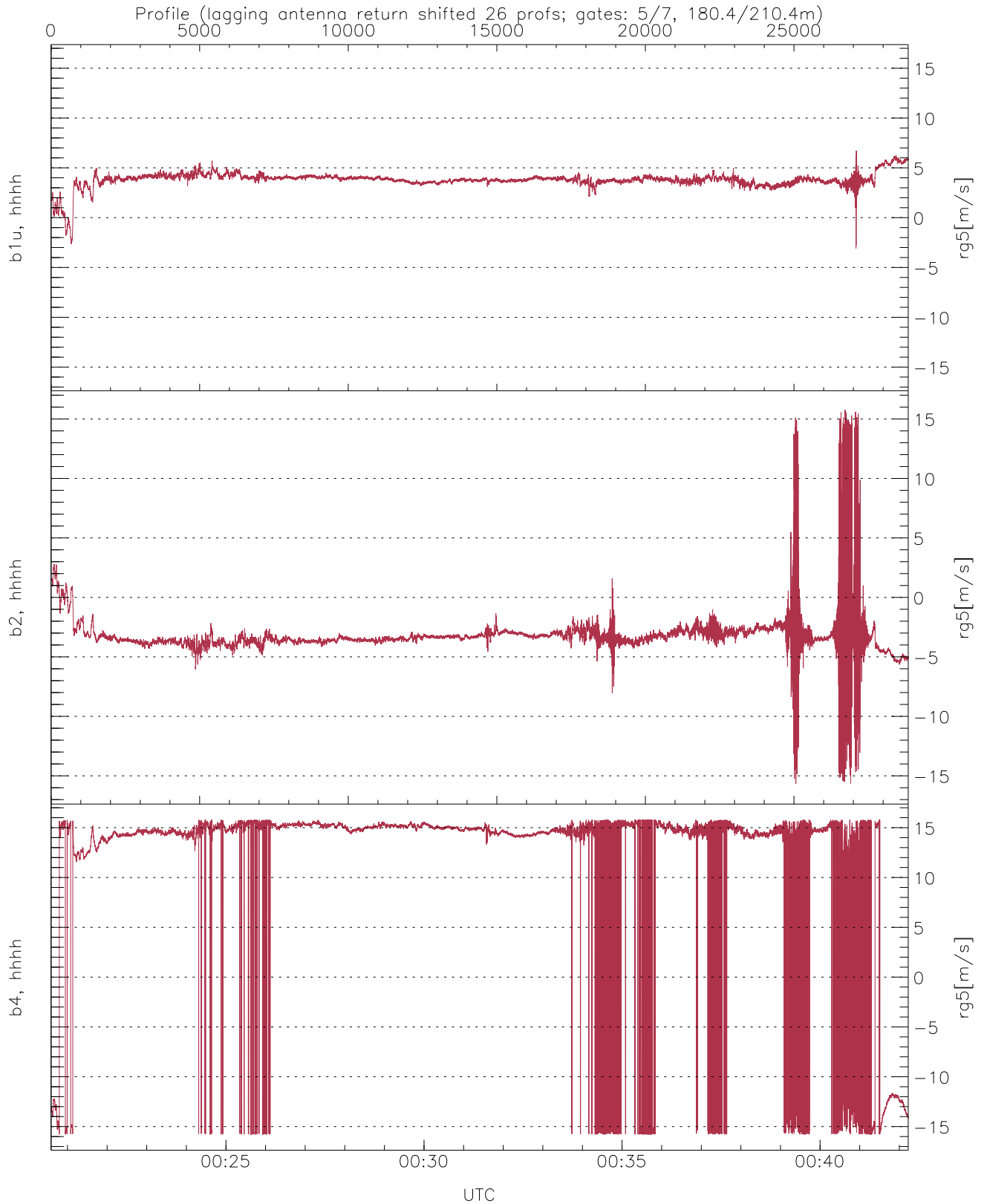
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-65.06	-5.70	-15.78
down(hh[dBm])	-66.16	-7.09	-16.89
down-fore(hh[dBm])	-65.82	-11.29	-21.07



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

	Min	Max	Mean
up/down (dB)	-15.68	28.70	5.31
down/down-fore (dB)	-8.59	18.59	4.78



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-3.09	6.73	3.79	0.80
b2, hhhh(rg5[m/s])	-15.68	15.76	-3.20	1.61
b4, hhhh(rg5[m/s])	-15.79	15.79	11.39	9.13