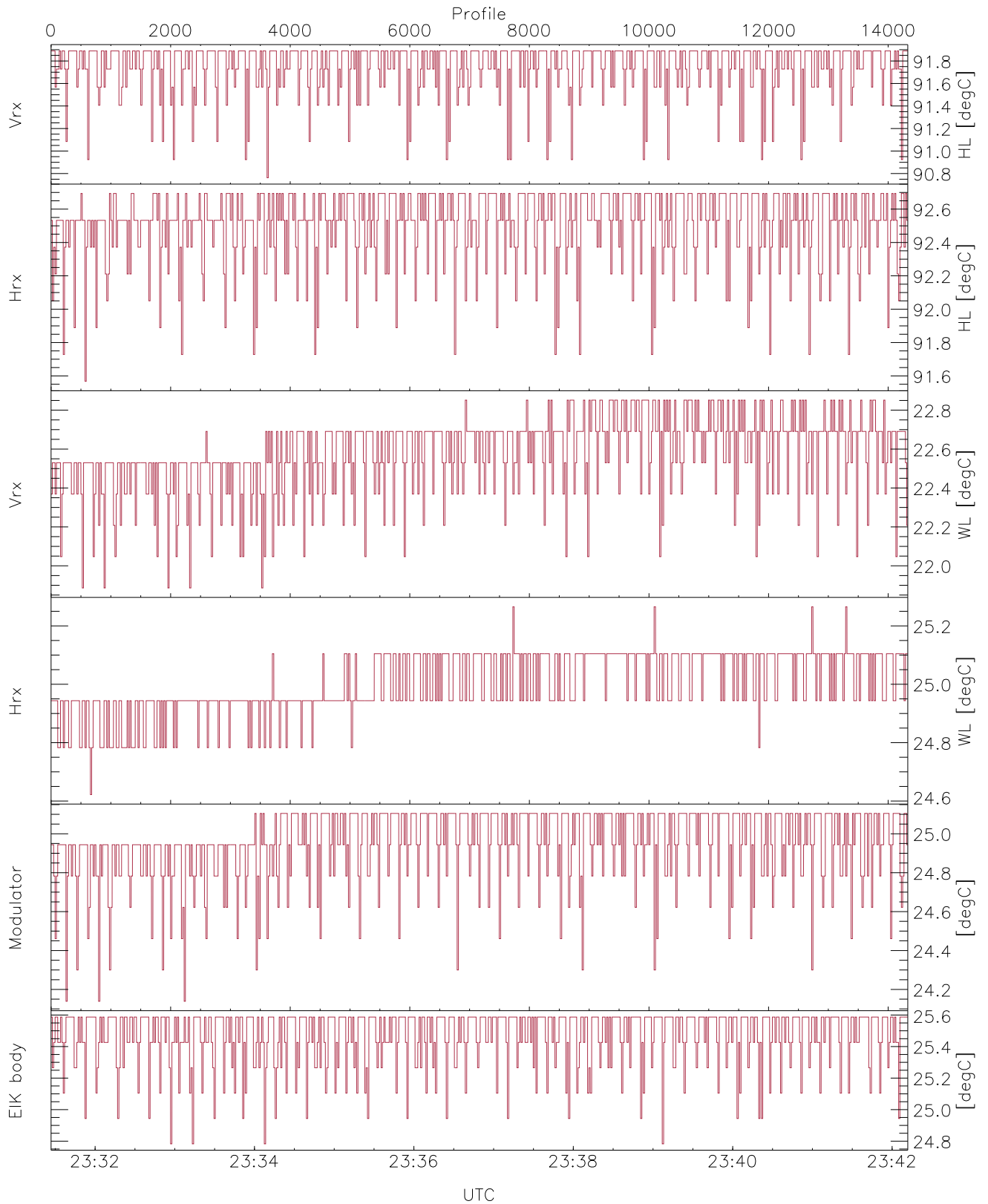


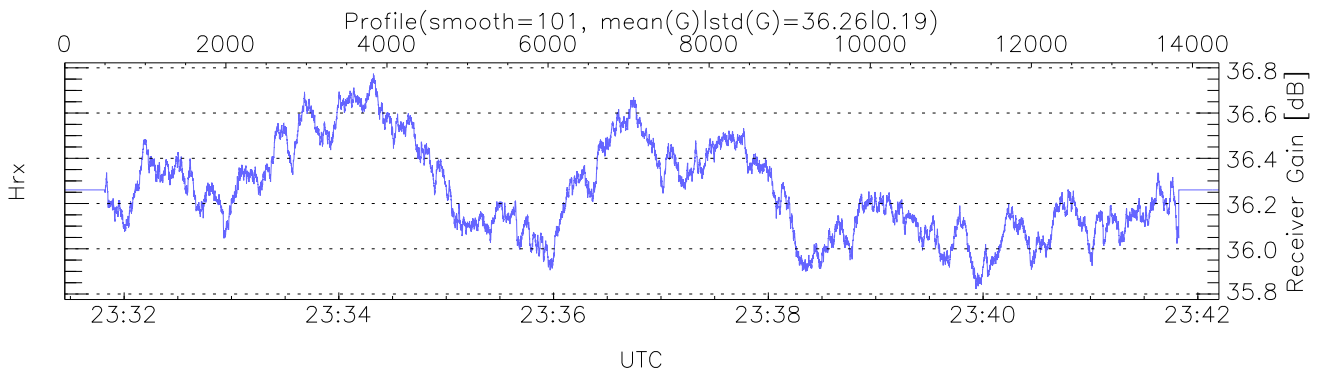
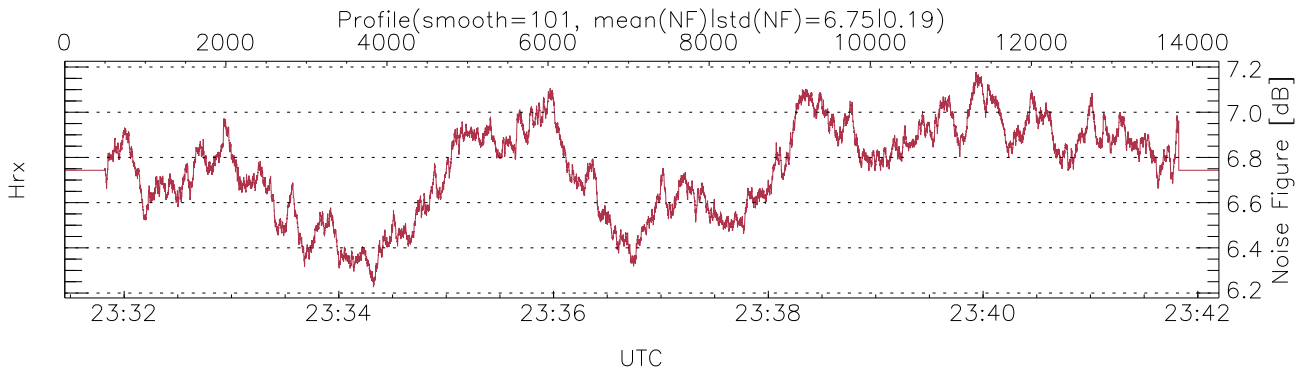
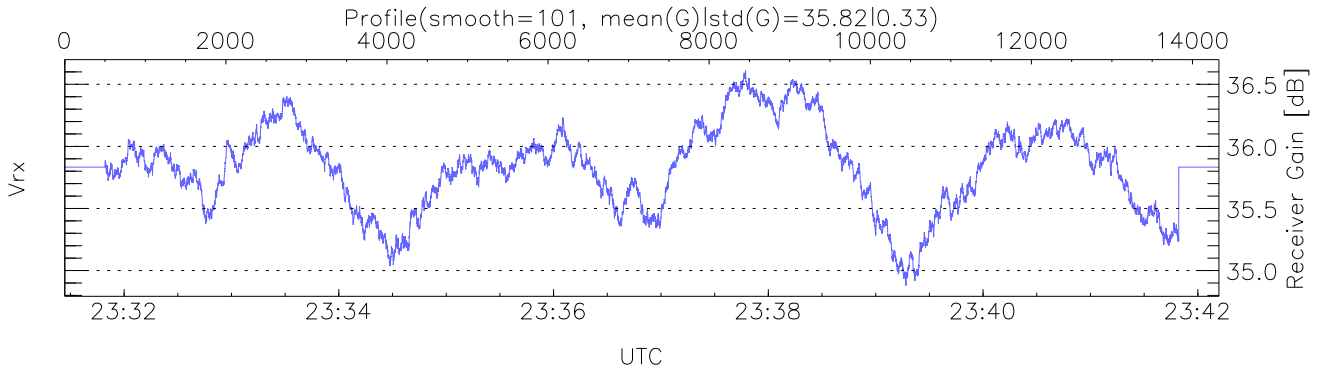
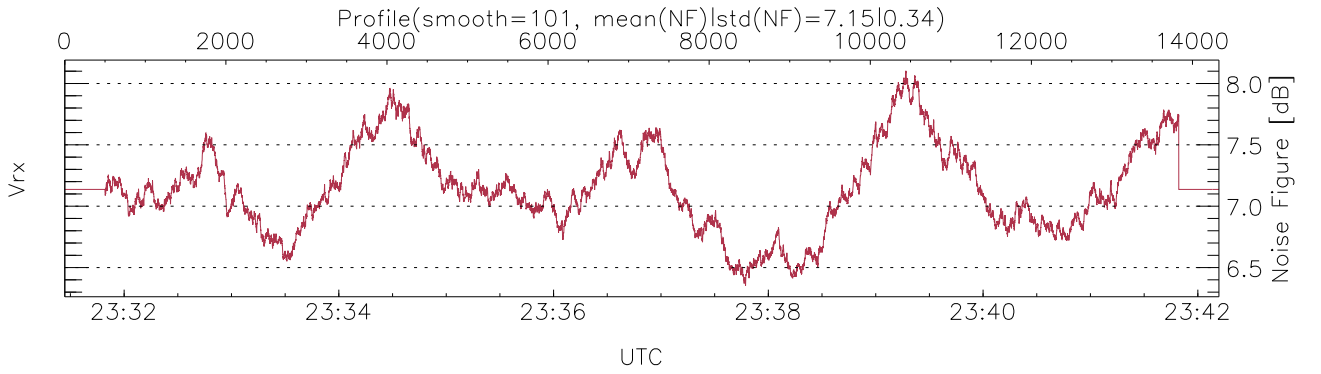
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 23:31:27-23:42:12, TimeCor: 0.00s, Dur: 644.97s  
 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): 14330/14330, 0-14329/23:31:27-23:42:12  
 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



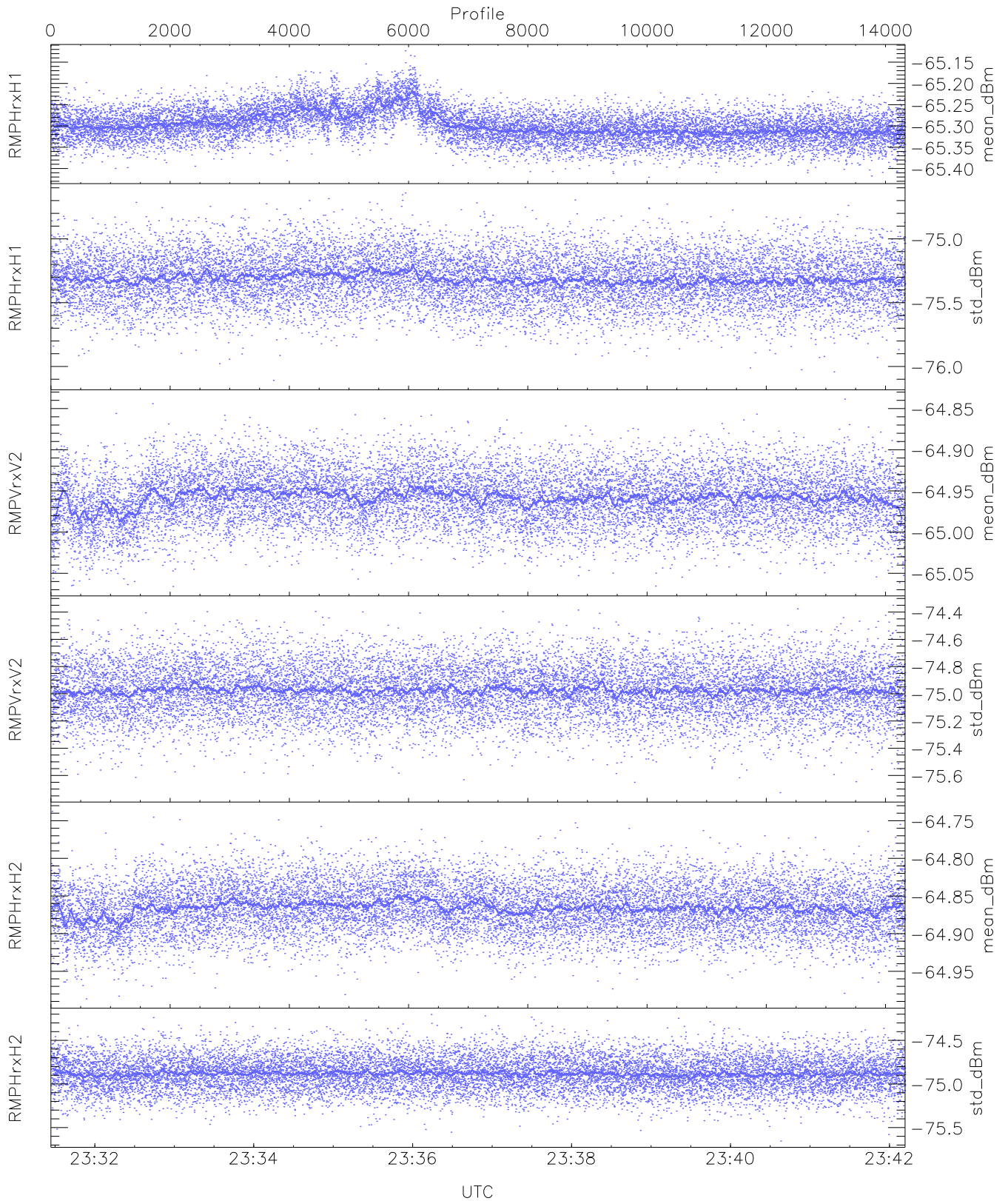
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

```
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,21,24,24,24
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,22,25,25,25
LOalarm(20,240,2817,14861 MHz): 0,0,24,0
EIK Faults(# prof affected):
DeckF (22)
```



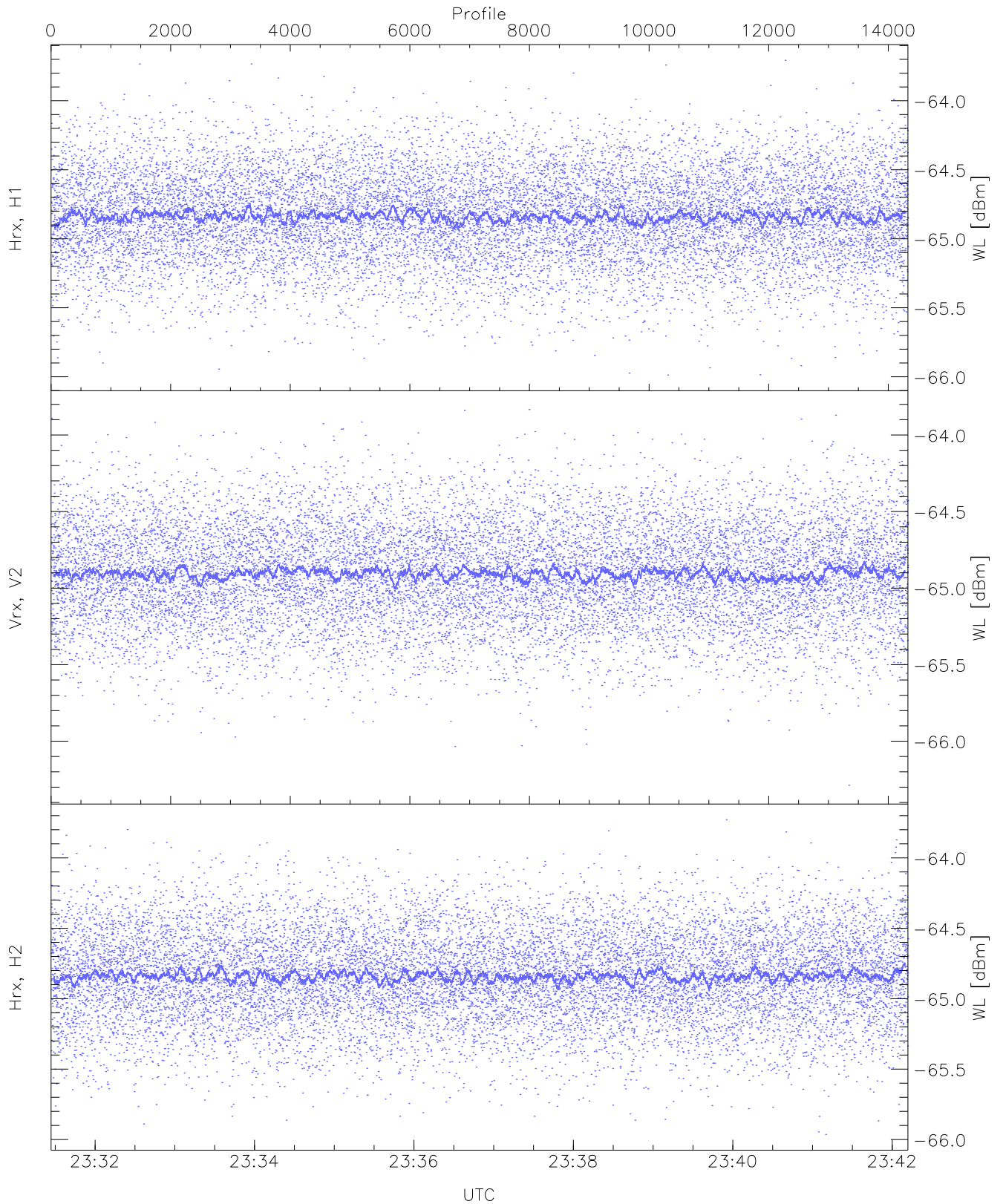
### WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 3 pixs, 1 gates, 3 profs, 1 prod(s)



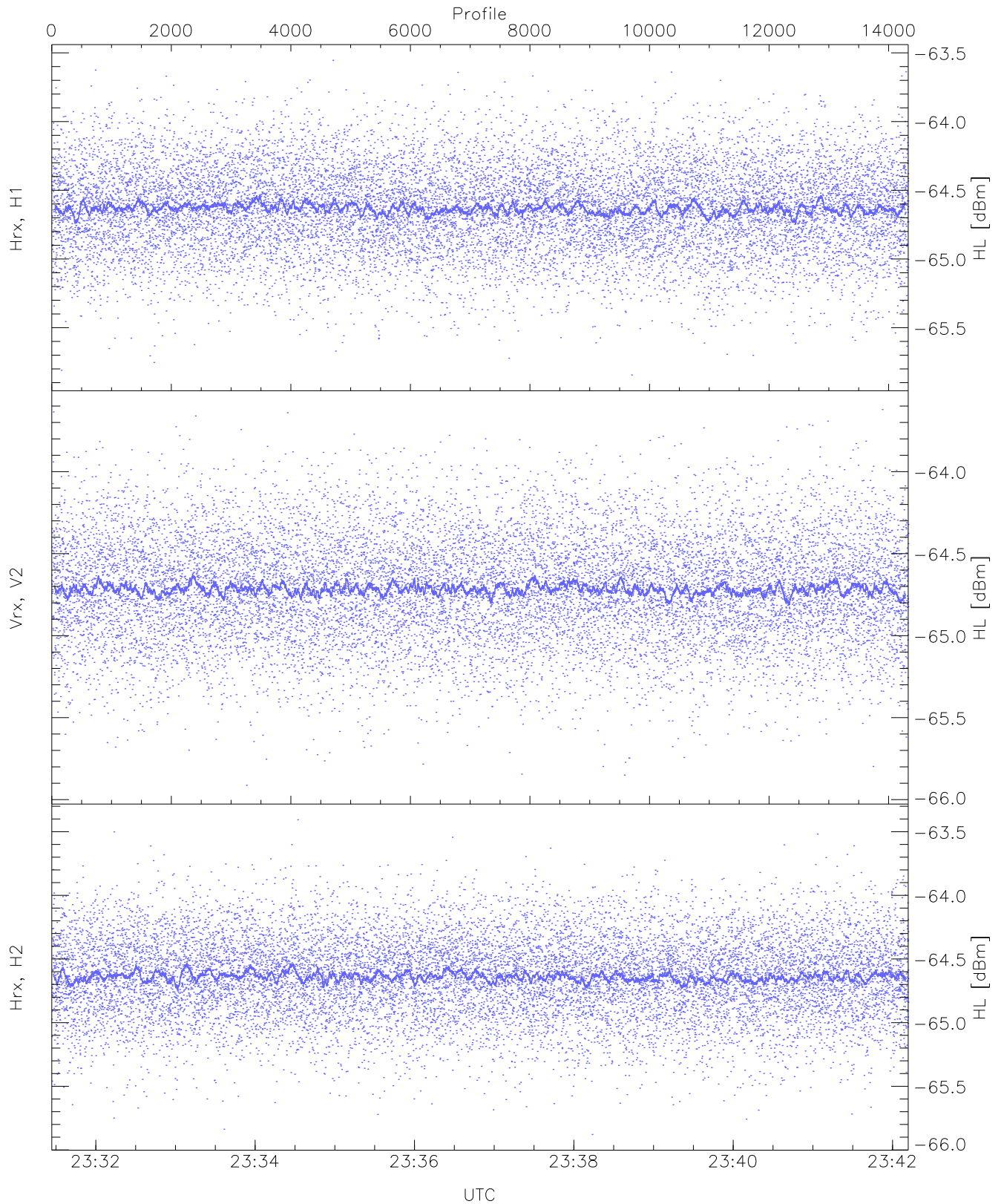
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.42	-65.12	-65.30	-65.30	-85.95
RMPHrxH1(std_dBm)	-76.11	-74.64	-75.31	-75.31	-89.05
RMPVrxV2(mean_dBm)	-65.07	-64.84	-64.96	-64.96	-86.41
RMPVrxV2(std_dBm)	-75.73	-74.35	-74.97	-74.98	-88.80
RMPHrxH2(mean_dBm)	-64.99	-64.74	-64.87	-64.87	-86.33
RMPHrxH2(std_dBm)	-75.65	-74.20	-74.88	-74.88	-88.67



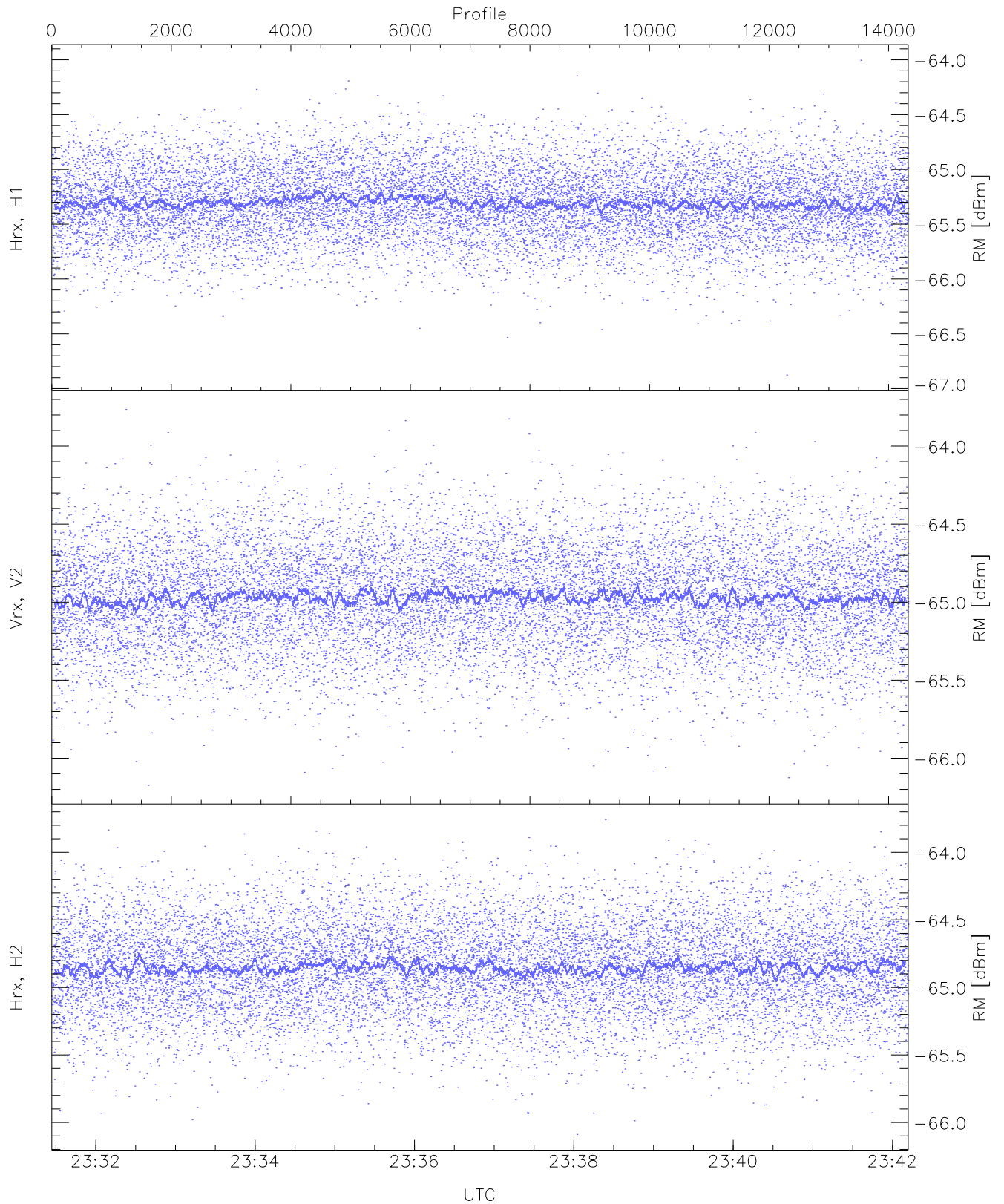
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.99	-63.71	-64.83	-64.84	-76.31
Vrx, V2 (WL [dBm])	-66.29	-63.83	-64.90	-64.91	-76.43
Hrx, H2 (WL [dBm])	-65.96	-63.73	-64.83	-64.84	-76.37



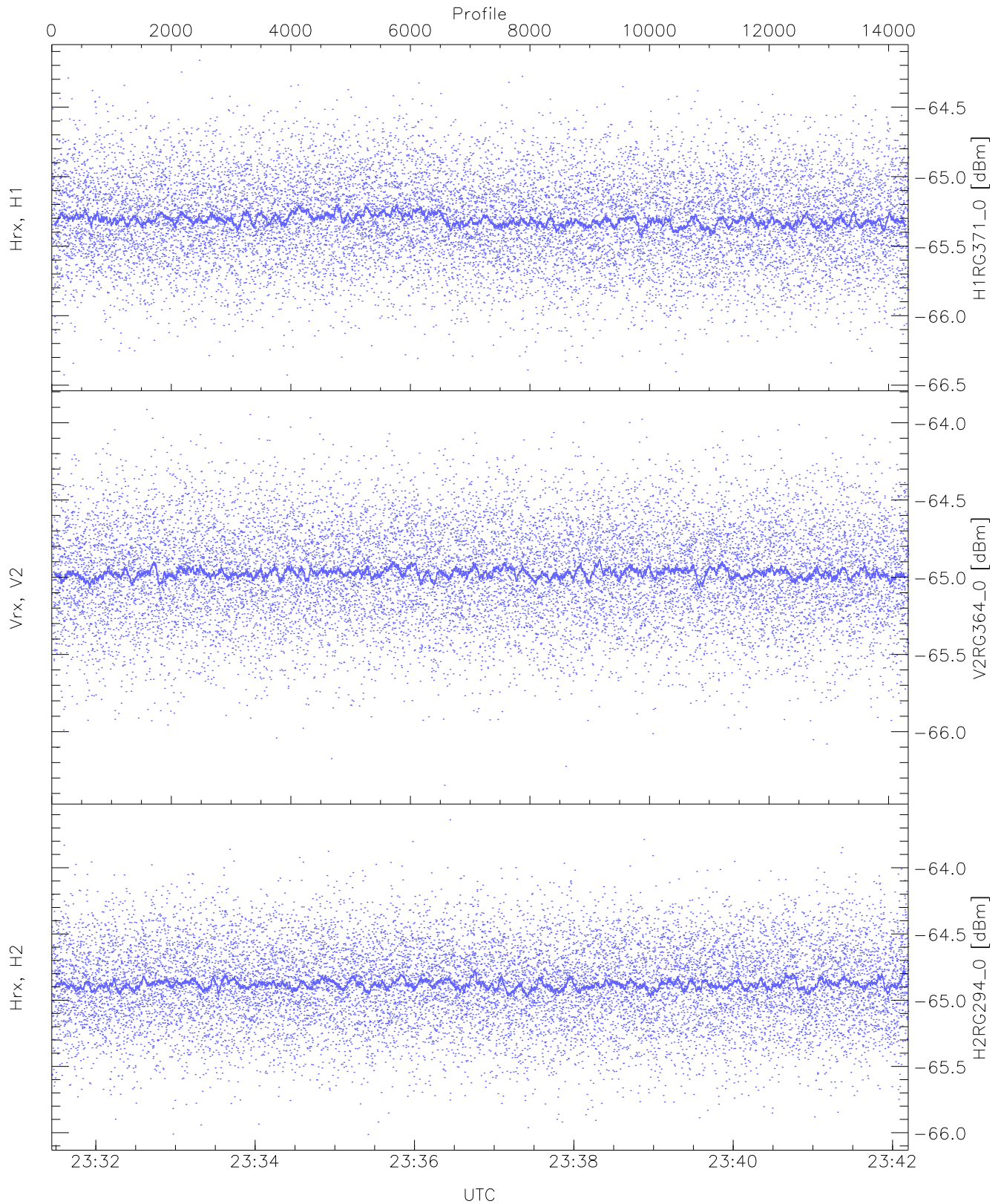
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.84	-63.55	-64.63	-64.63	-76.18
Vrx, V2 (HL [dBm])	-65.91	-63.62	-64.71	-64.72	-76.21
Hrx, H2 (HL [dBm])	-65.88	-63.41	-64.63	-64.64	-76.14



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

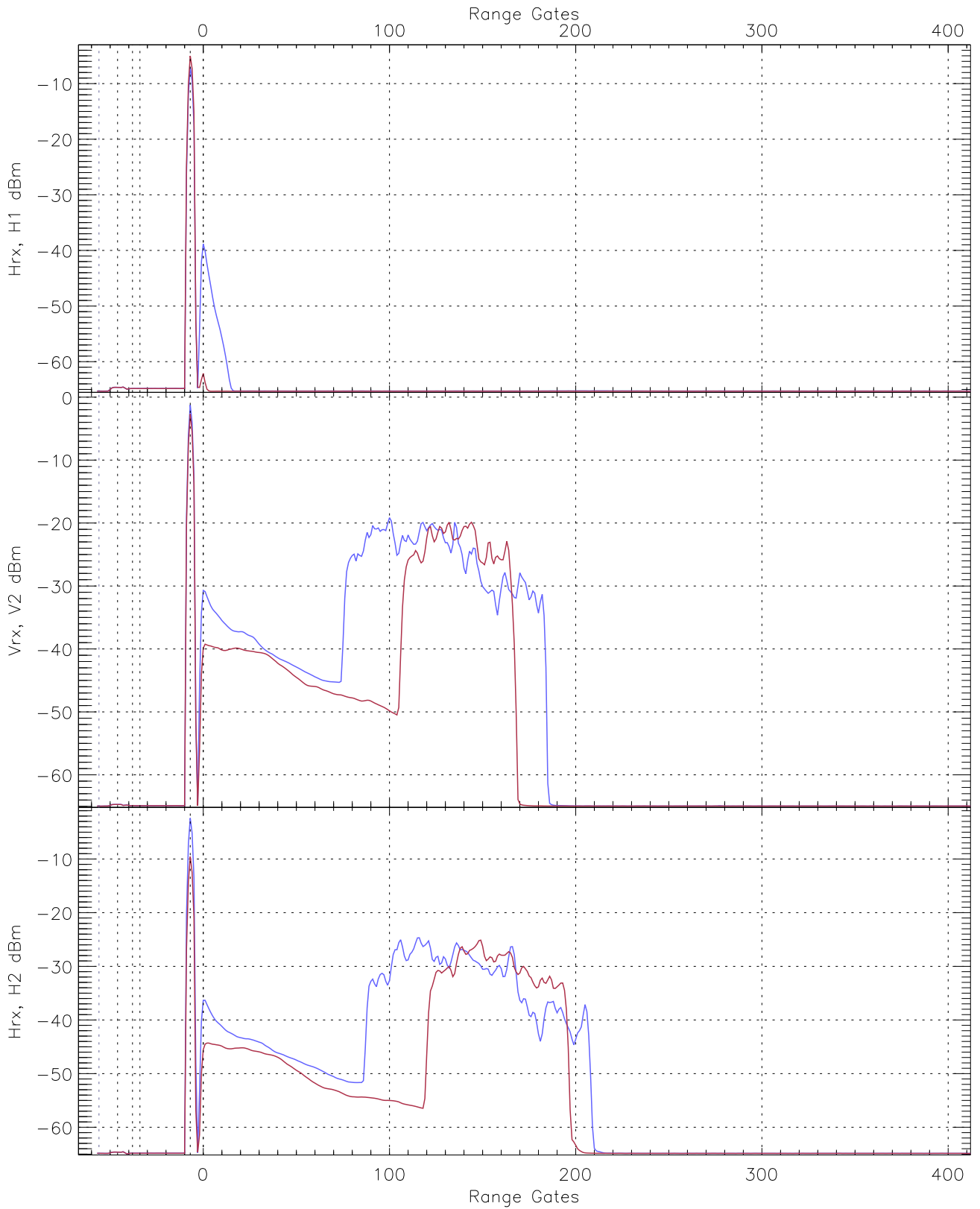
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.88	-64.00	-65.30	-65.31	-76.76
Vrx, V2 (RM [dBm])	-66.17	-63.77	-64.96	-64.97	-76.50
Hrx, H2 (RM [dBm])	-66.09	-63.76	-64.85	-64.86	-76.36



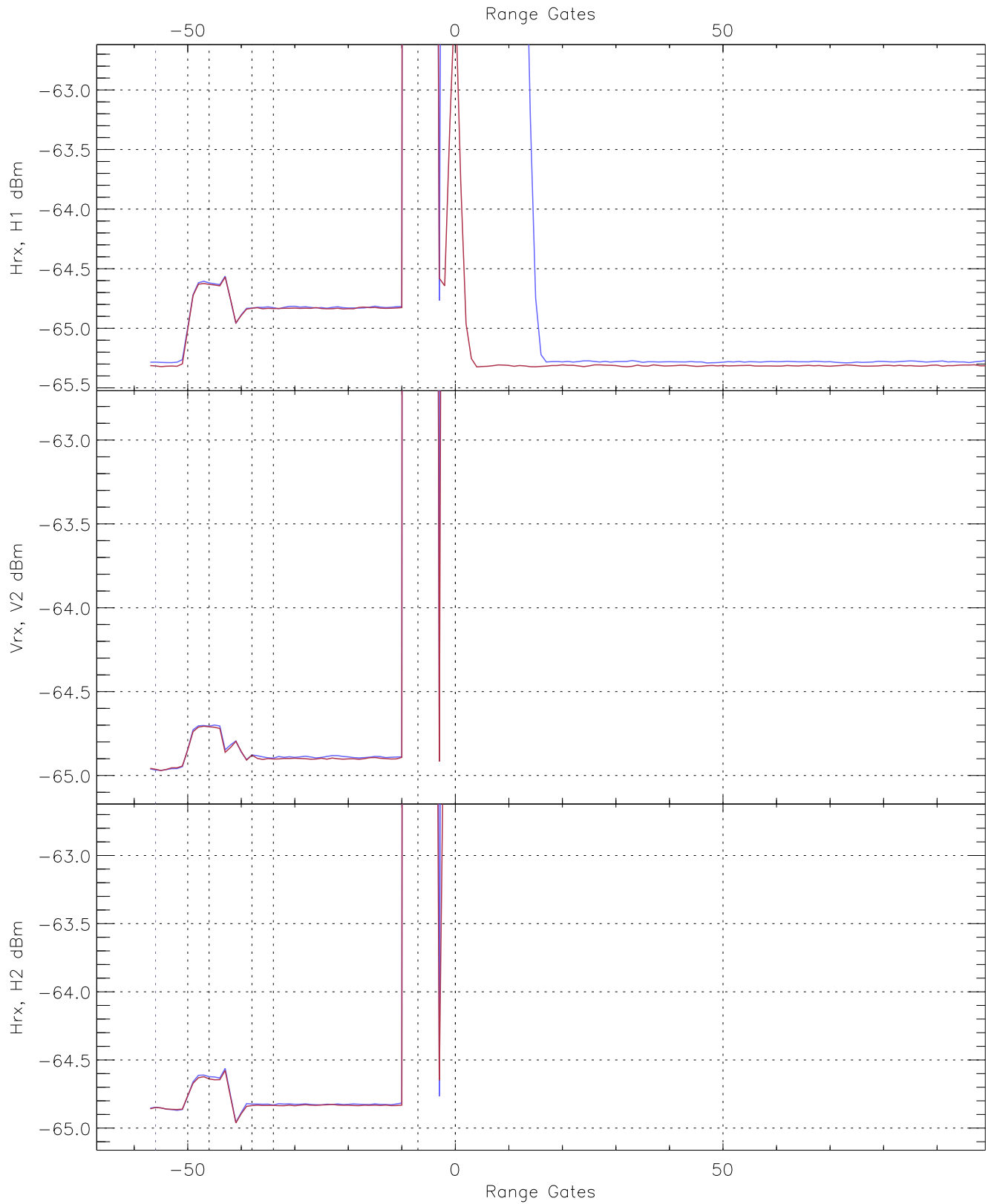
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG371_0 [dBm]	-66.43	-64.16	-65.30	-65.31	-76.79
V2RG364_0 [dBm]	-66.35	-63.91	-64.96	-64.97	-76.45
H2RG294_0 [dBm]	-66.01	-63.64	-64.87	-64.88	-76.39

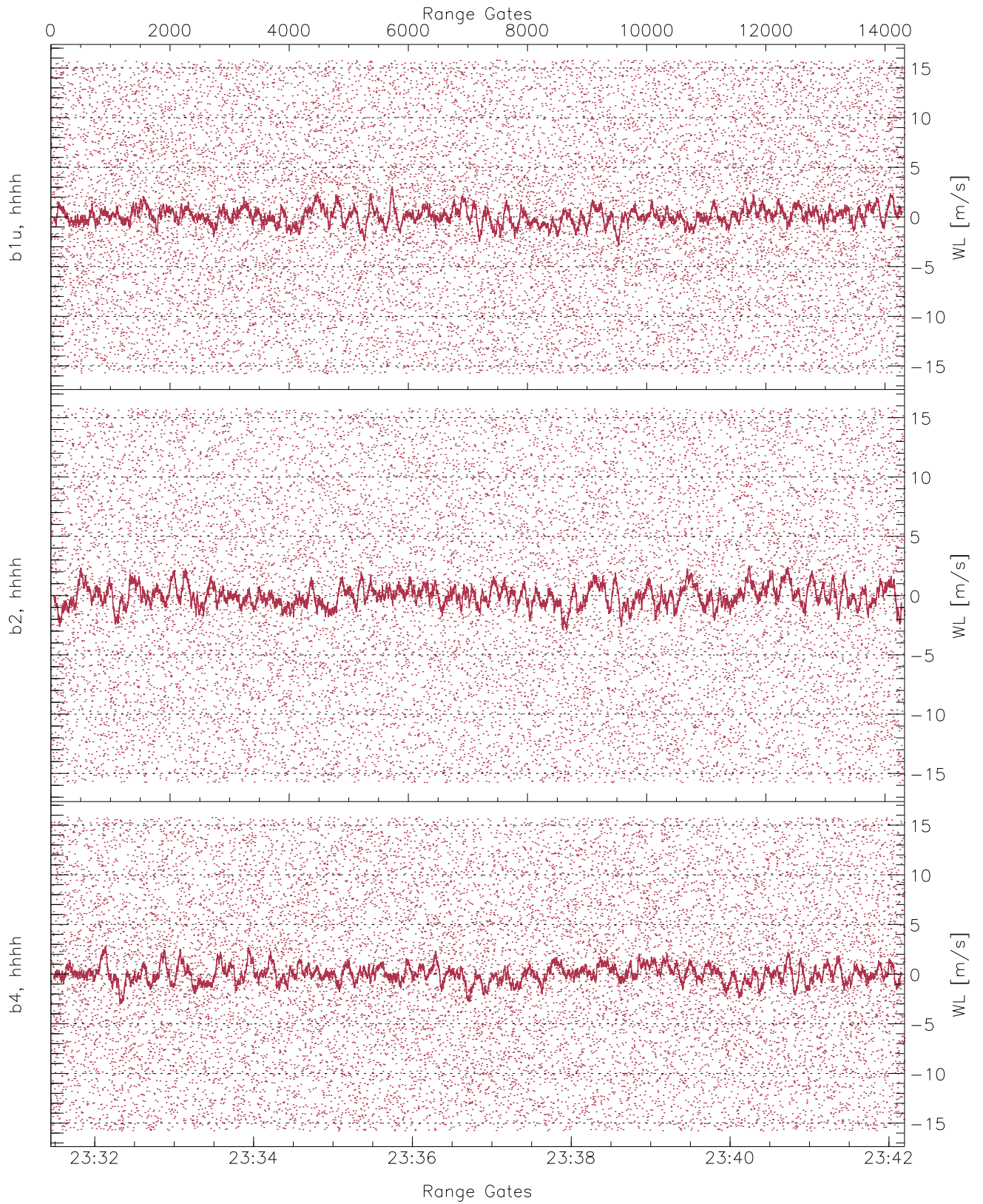




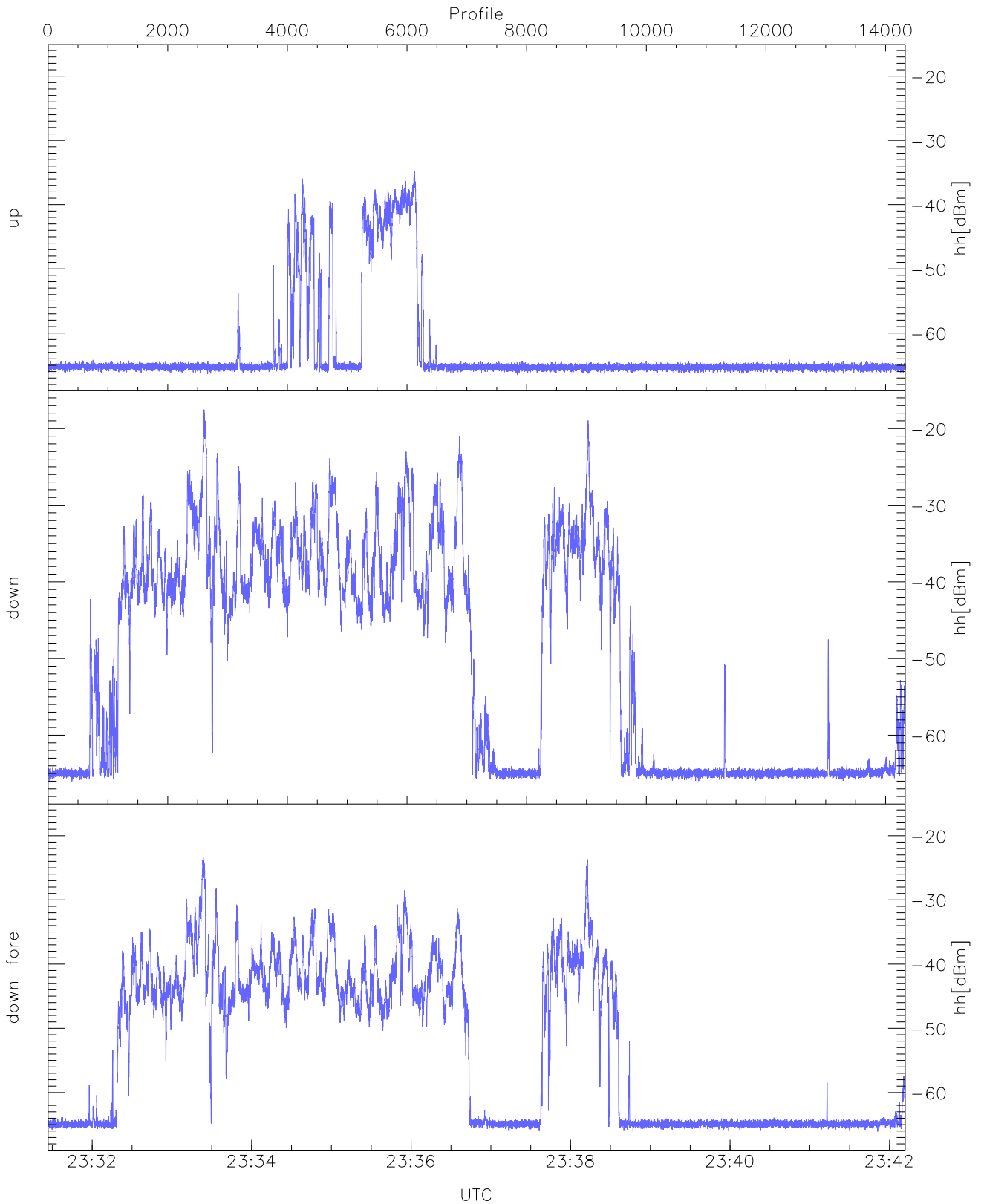
WCR3 CPP Averaged Received power for all recorded gates  
blue: 233127-233649, 7166 profiles averaged  
red: 233649-234212, 7165 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 233127-233649, 7166 profiles averaged  
red: 233649-234212, 7165 profiles averaged

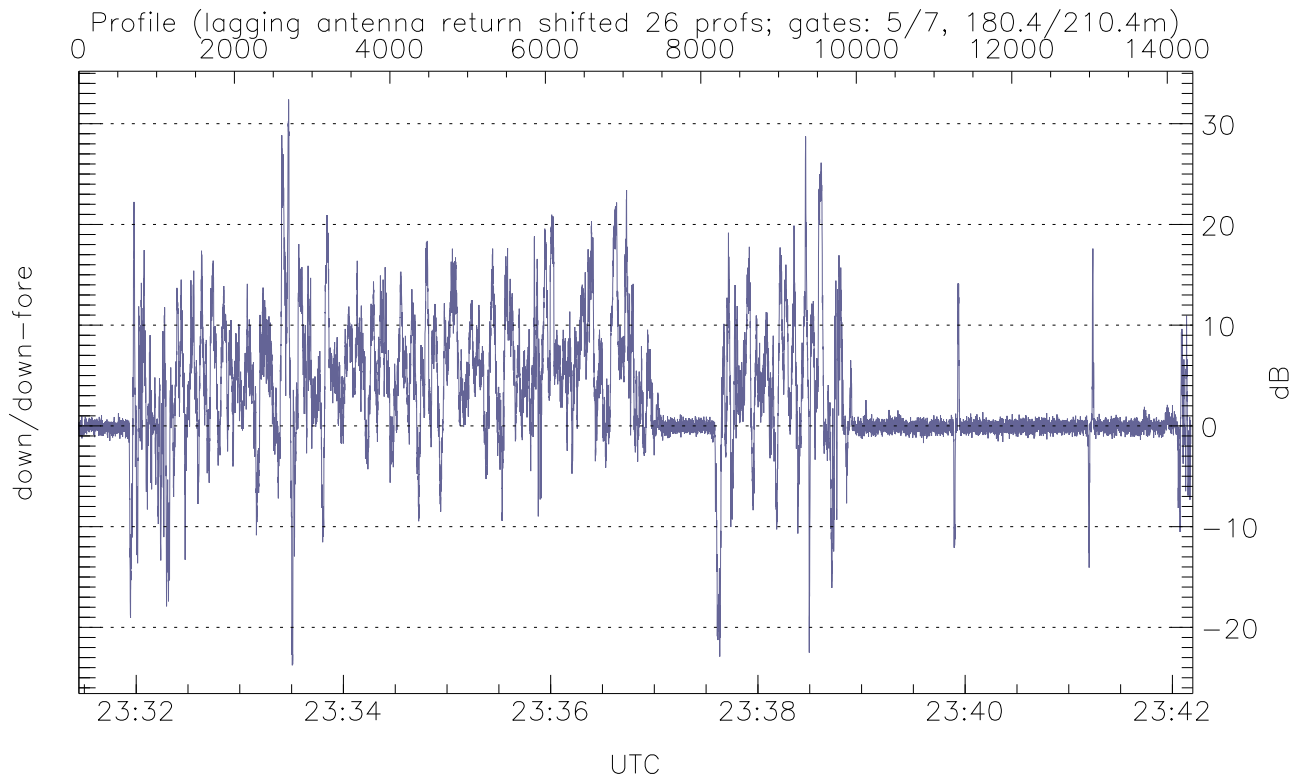
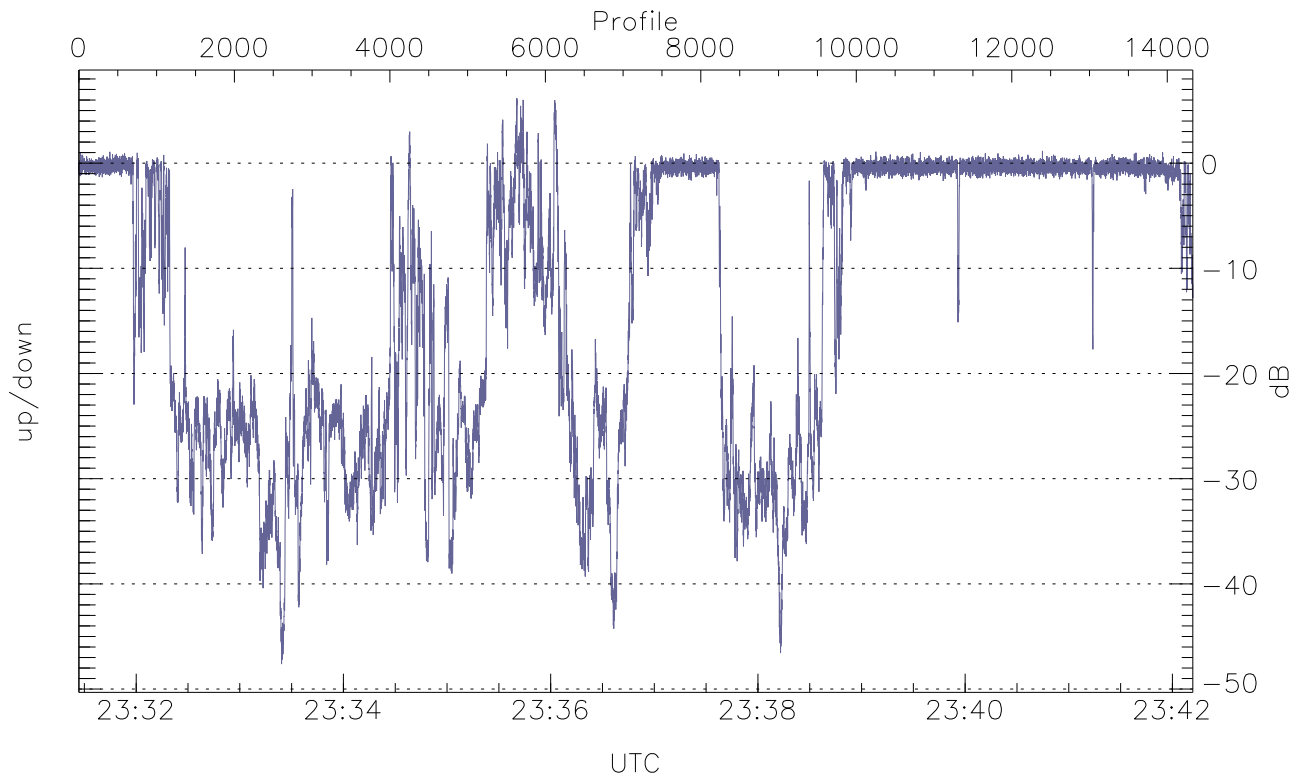


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



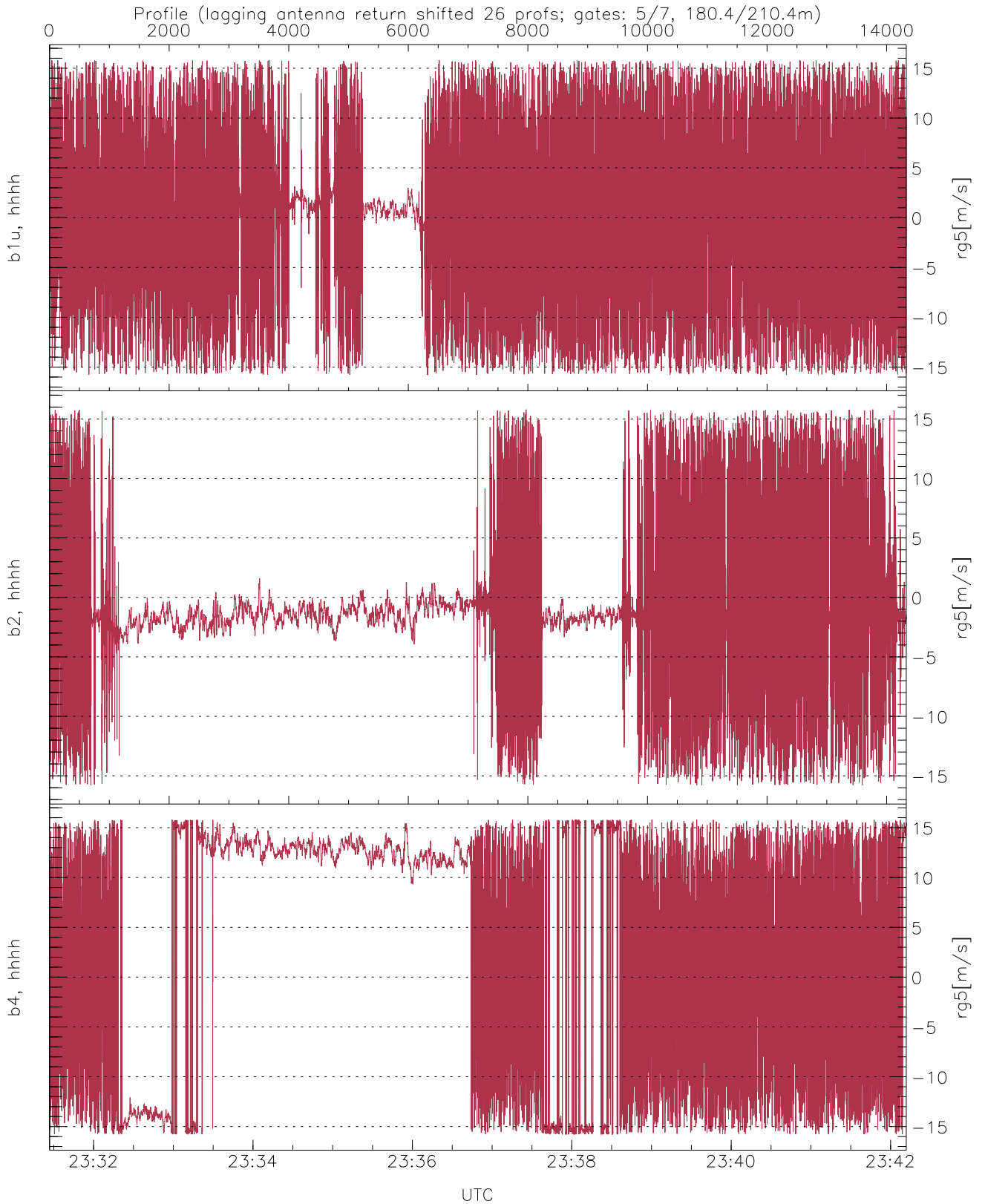
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.53	-34.72	-51.28
down(hh[dBm])	-66.01	-17.52	-35.69
down-fore(hh[dBm])	-66.09	-23.39	-41.11



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

	Min	Max	Mean
up/down (dB)	-47.62	6.16	-12.78
down/down-fore (dB)	-23.76	32.40	2.91



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.79	15.79	0.11	8.01
b2, hhhh(rg5[m/s])	-15.78	15.79	-0.92	5.58
b4, hhhh(rg5[m/s])	-15.79	15.79	3.21	11.13