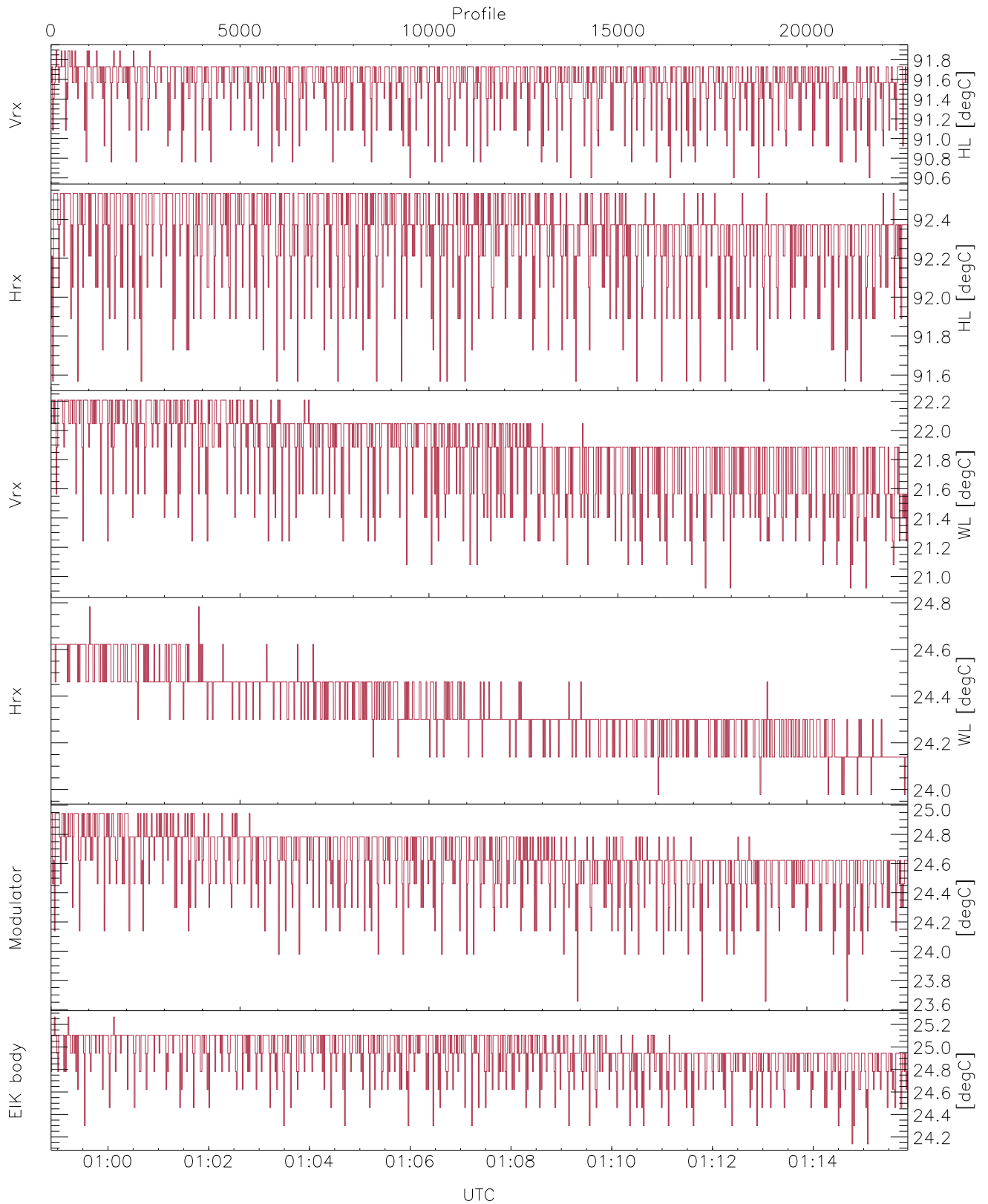


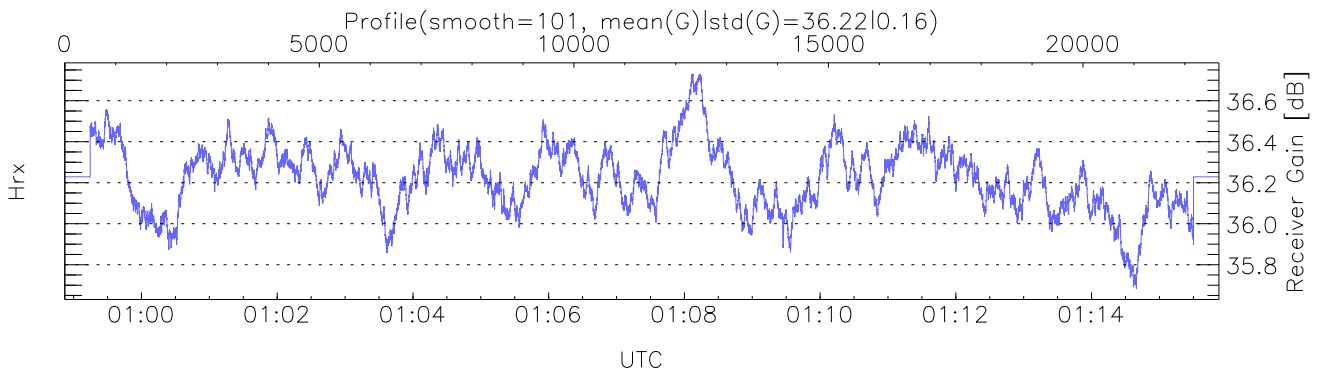
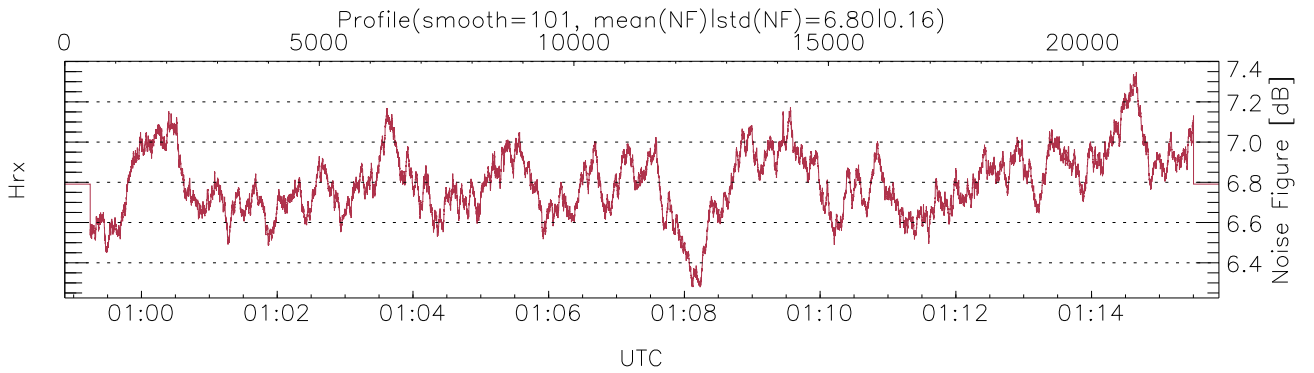
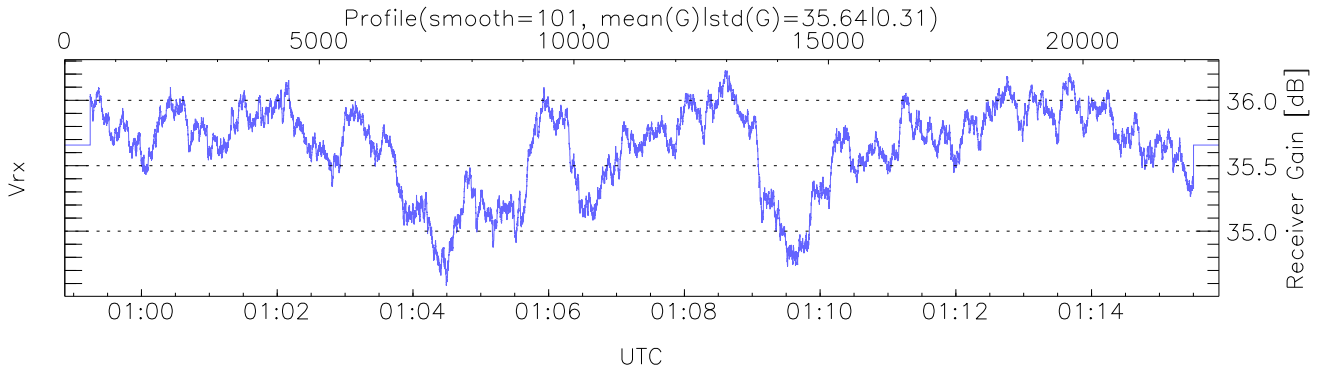
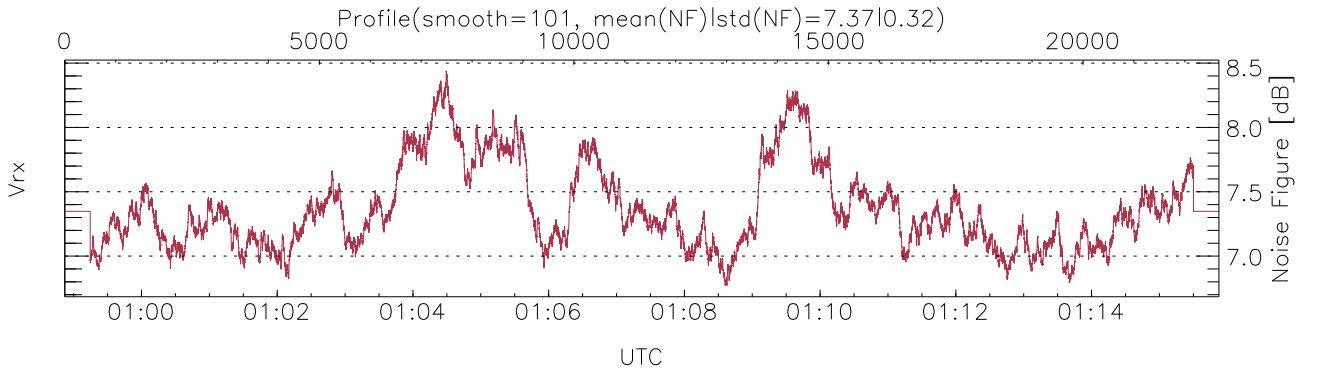
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 00:58:52-01:15:53, 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, 0-22671/00:58:52-01:15:53
 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



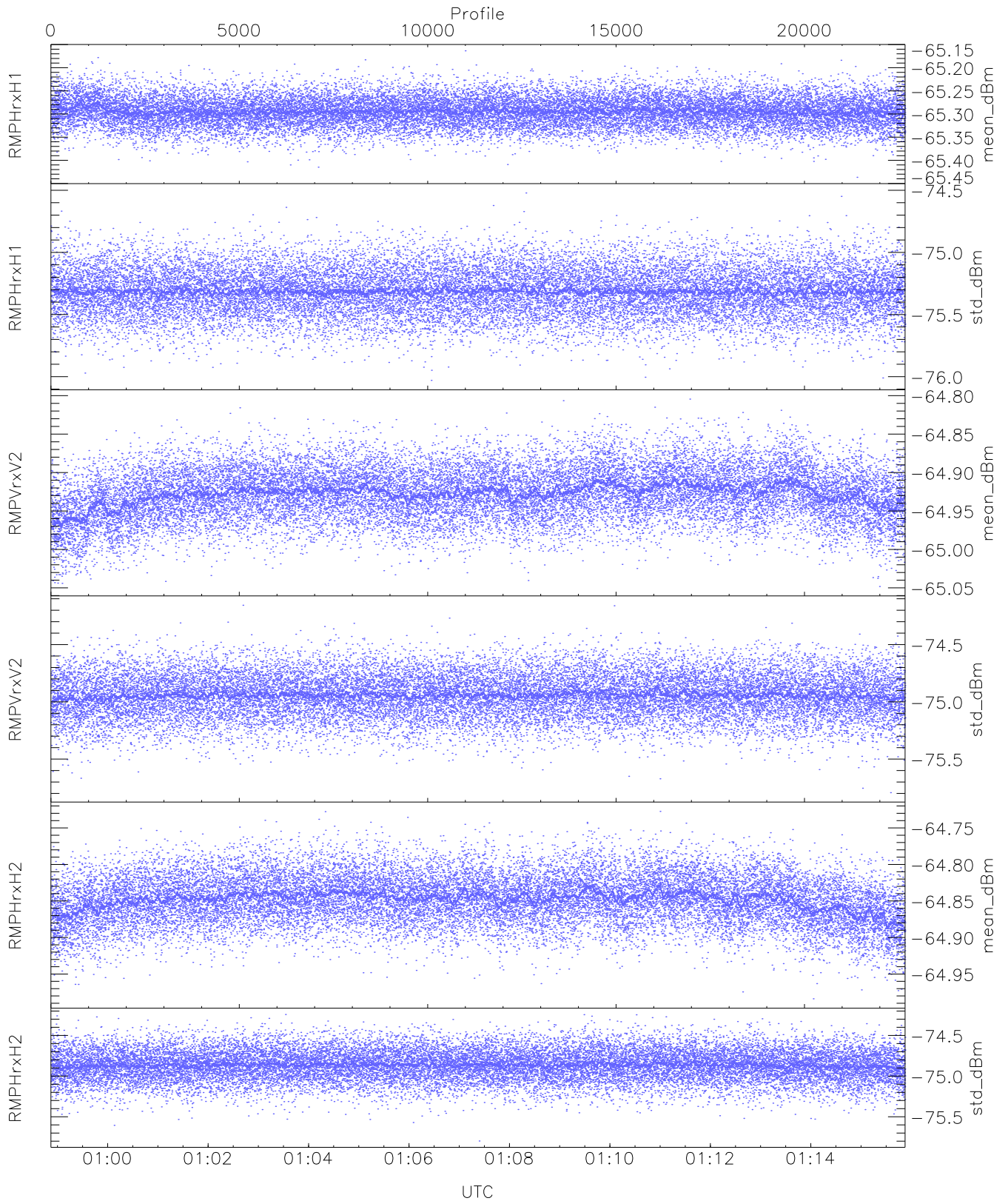
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

```
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,20,23,23,24
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,22,24,24,25
LOalarm(20,240,2817,14861 MHz): 0,0,88,0
EIK Faults(# prof affected):
  BodyCurr,DeckF,OverDuty,HVPS (22,22,22,22)
```



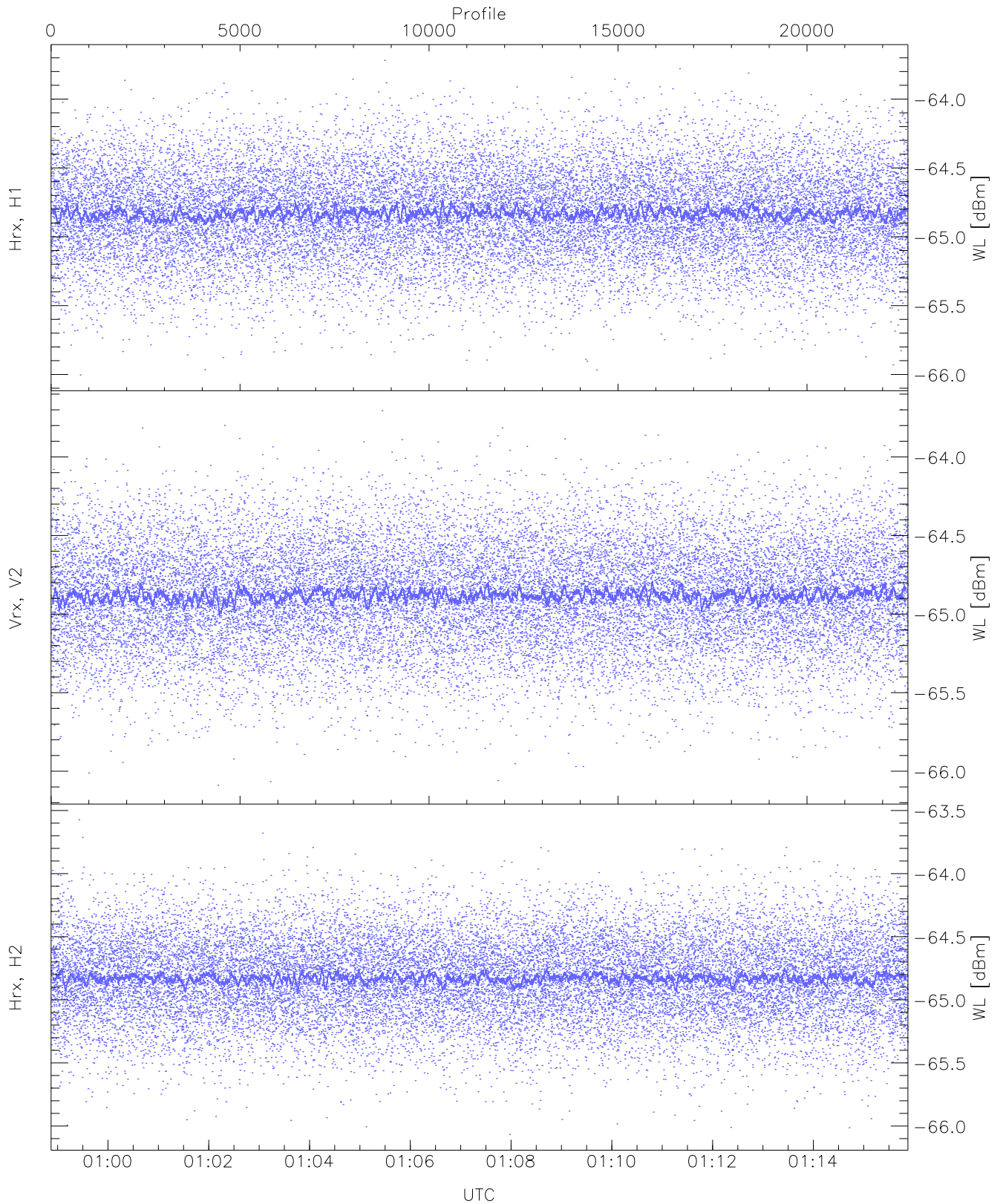
WCR3 CPP Receivers Gain and Noise Figure

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



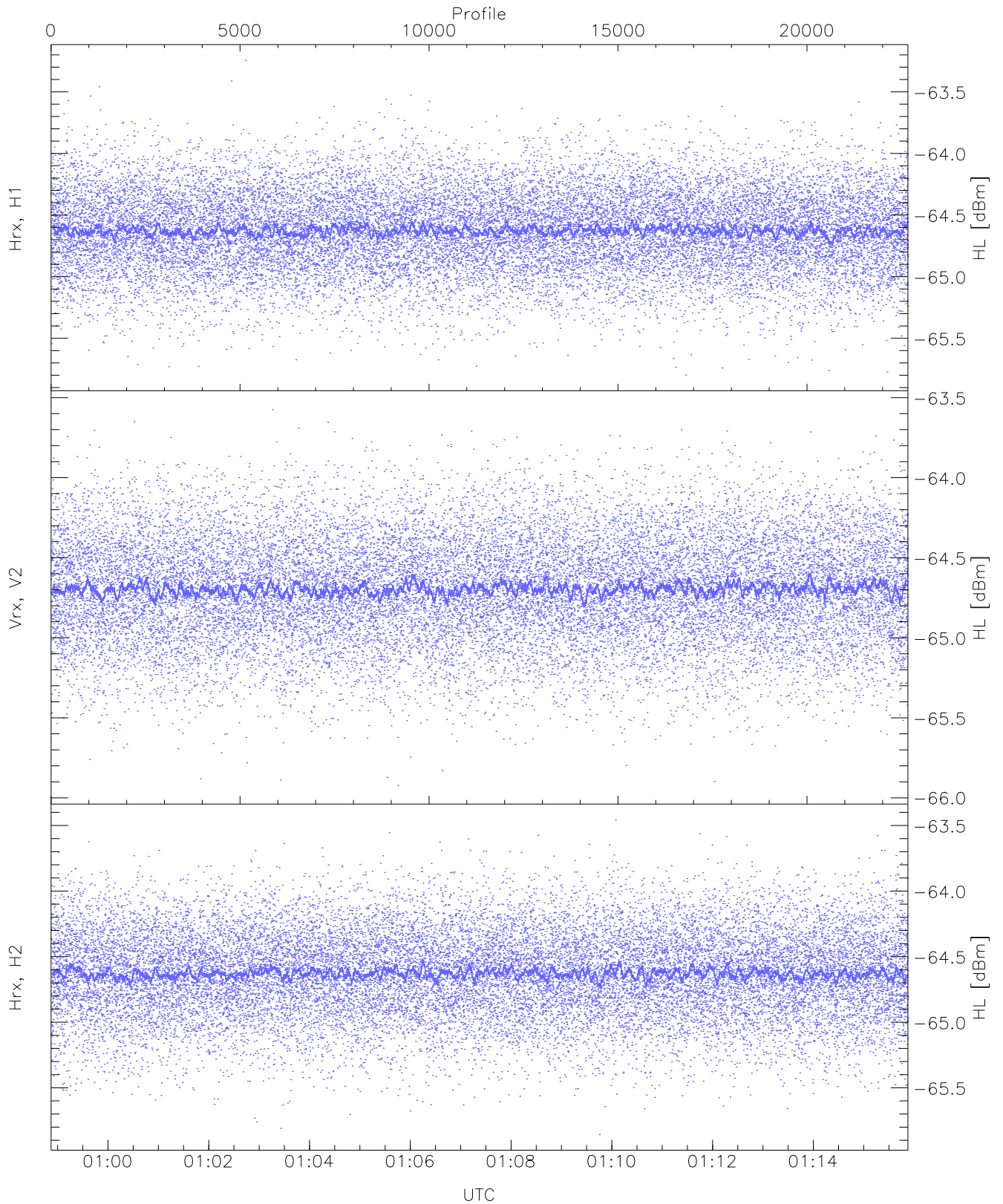
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.44	-65.16	-65.29	-65.29	-86.89
RMPHrxH1(std_dBm)	-76.03	-74.52	-75.31	-75.32	-89.11
RMPVrxV2(mean_dBm)	-65.05	-64.80	-64.93	-64.93	-86.25
RMPVrxV2(std_dBm)	-75.79	-74.16	-74.94	-74.94	-88.74
RMPHrxH2(mean_dBm)	-64.98	-64.73	-64.85	-64.85	-86.19
RMPHrxH2(std_dBm)	-75.80	-74.24	-74.86	-74.87	-88.66



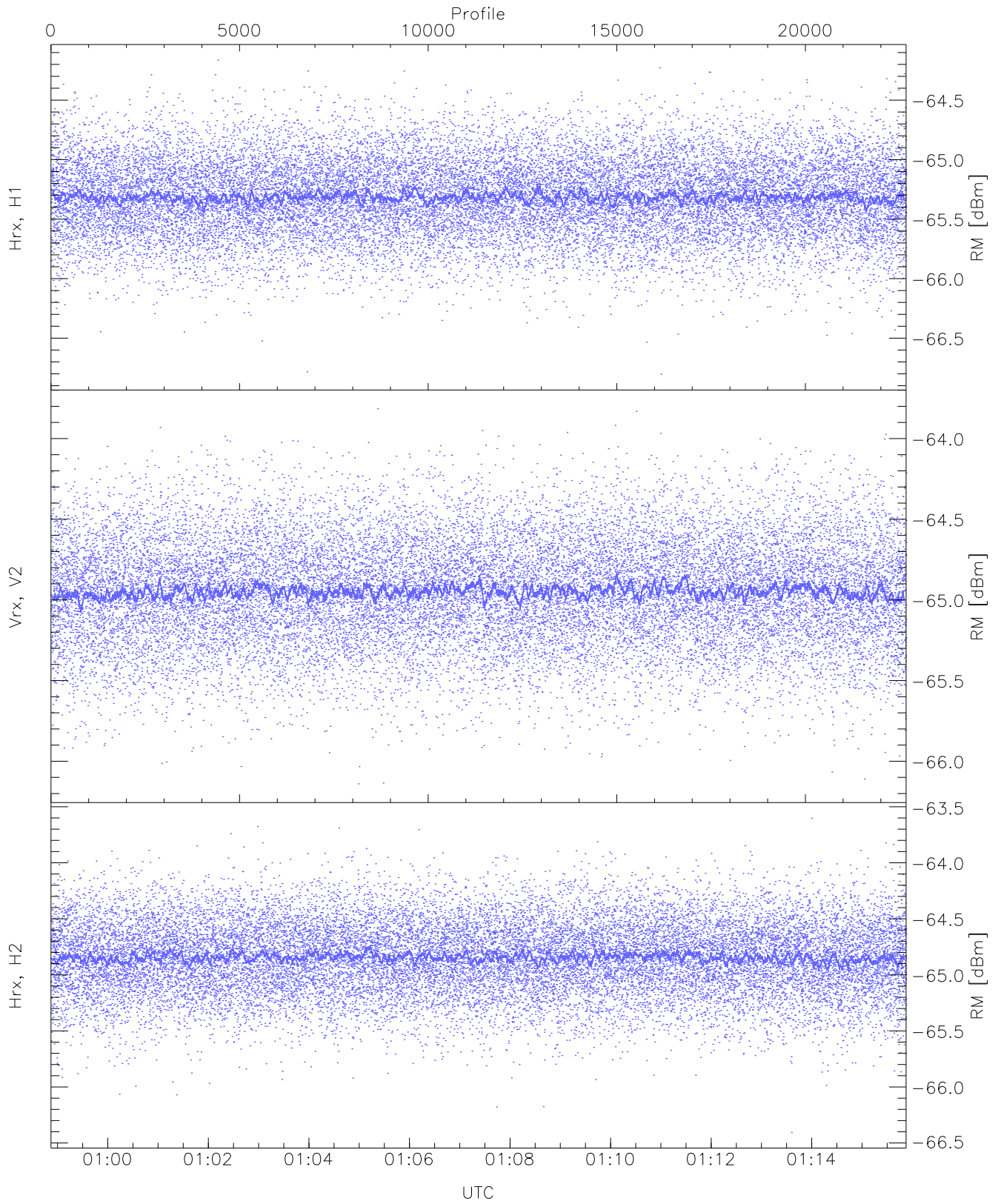
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.00	-63.72	-64.82	-64.83	-76.36
Vrx, V2(WL [dBm])	-66.09	-63.70	-64.87	-64.88	-76.41
Hrx, H2(WL [dBm])	-66.07	-63.57	-64.82	-64.83	-76.33



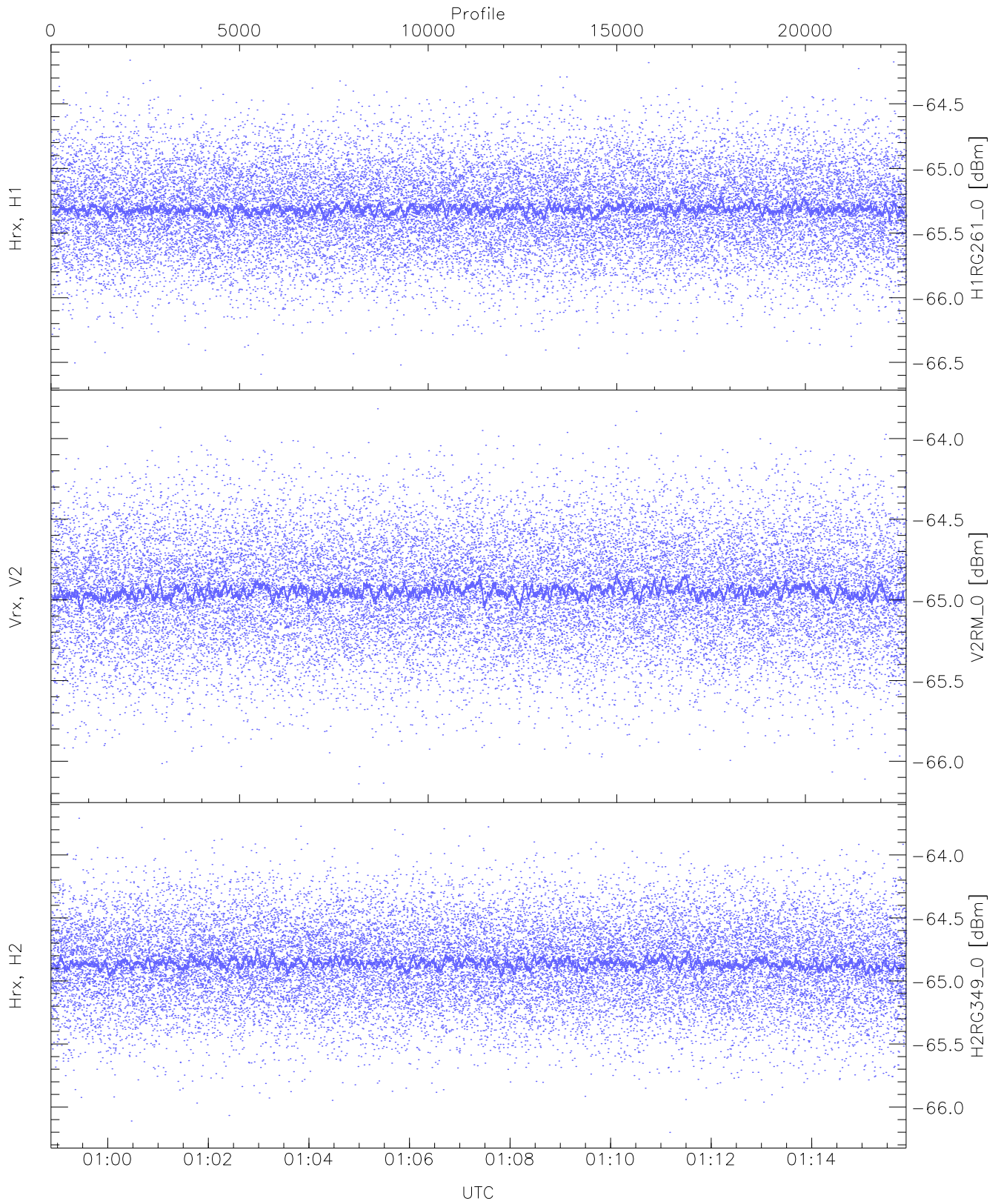
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.80	-63.24	-64.62	-64.63	-76.14
Vrx, V2 (HL [dBm])	-65.92	-63.57	-64.69	-64.70	-76.17
Hrx, H2 (HL [dBm])	-65.86	-63.46	-64.62	-64.63	-76.12



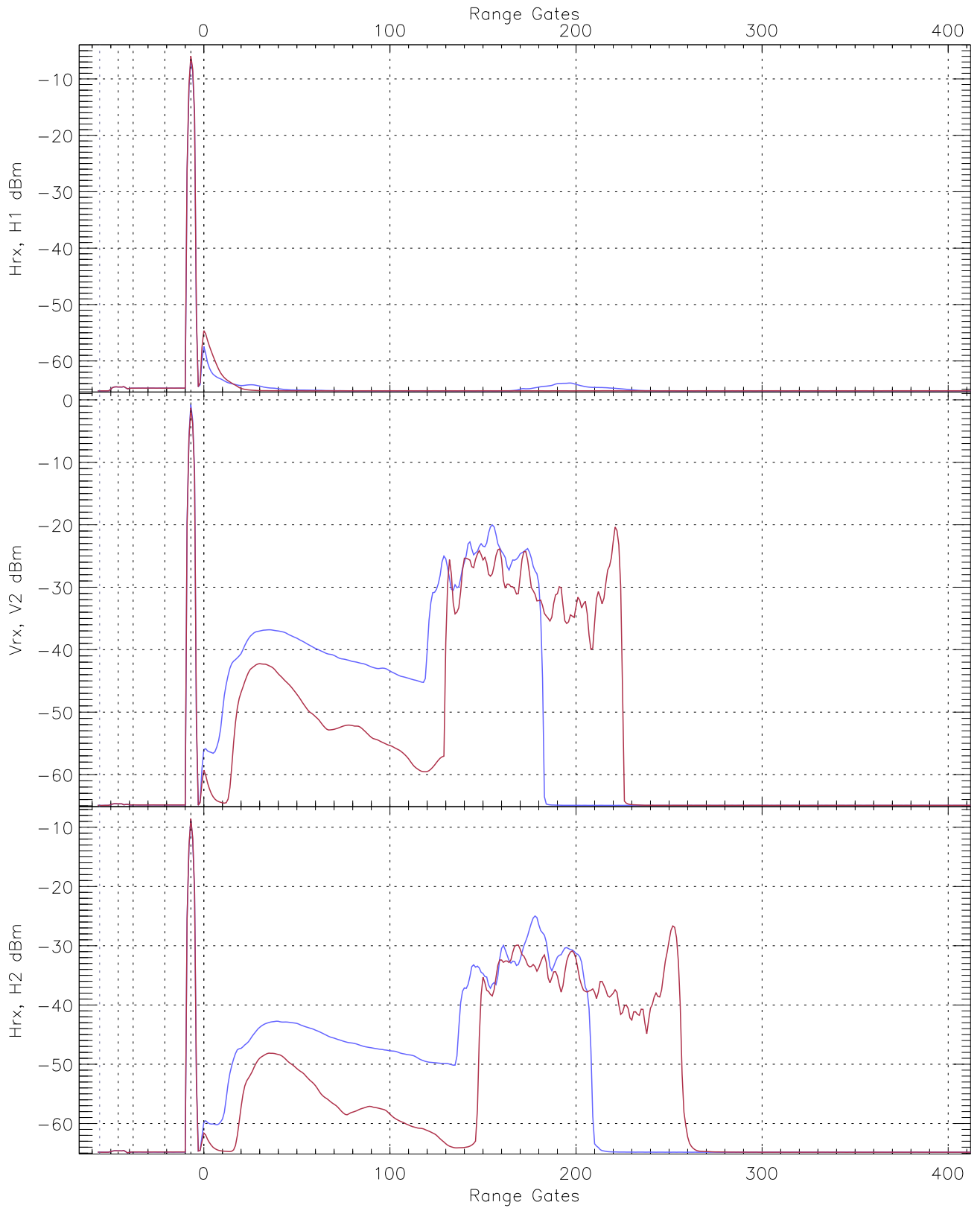
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.80	-64.16	-65.31	-65.32	-76.79
Vrx, V2 (RM [dBm])	-66.14	-63.82	-64.94	-64.95	-76.44
Hrx, H2 (RM [dBm])	-66.41	-63.60	-64.84	-64.85	-76.30

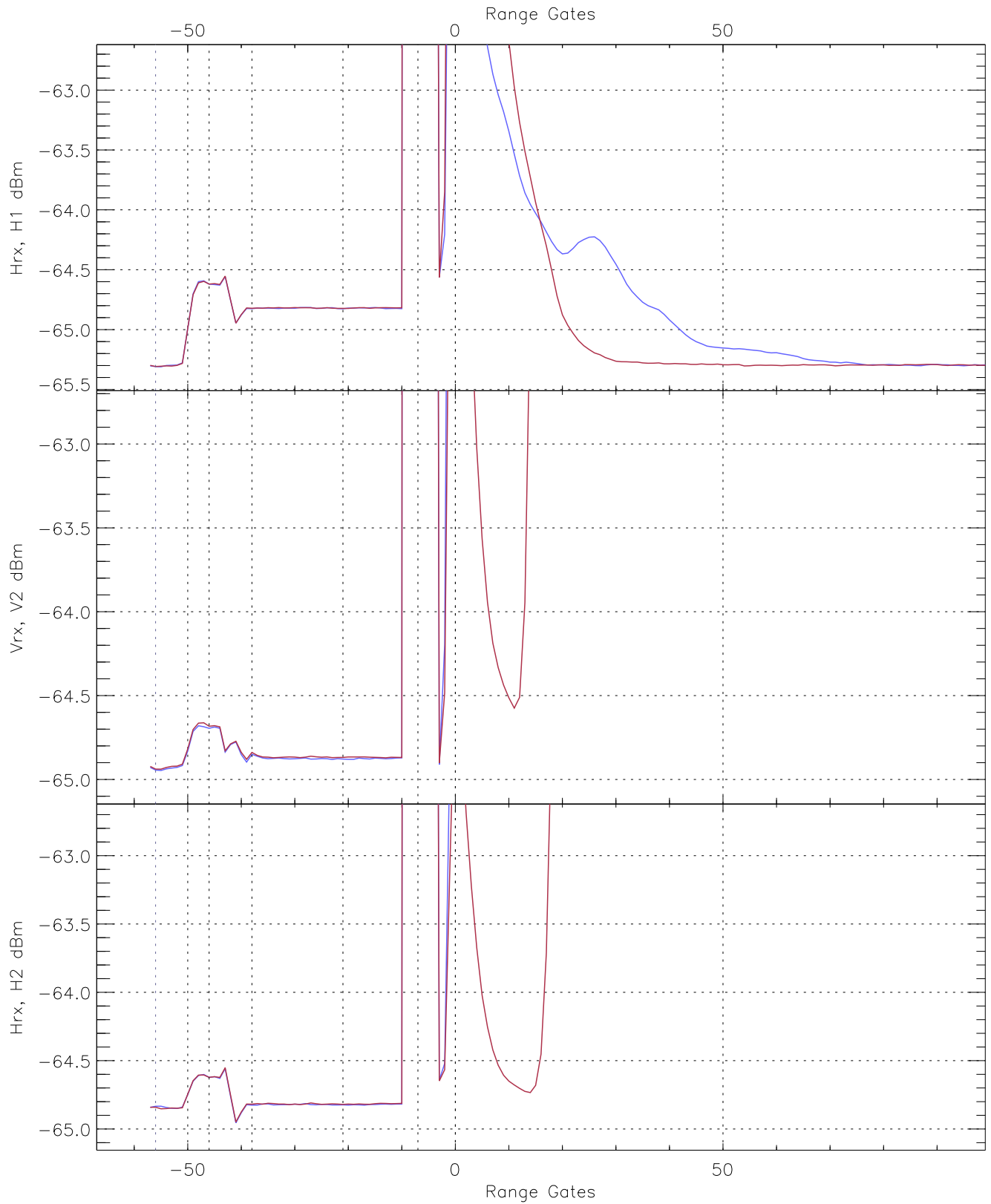


WCR3 CPP "Best" estimate Receivers Noise Power

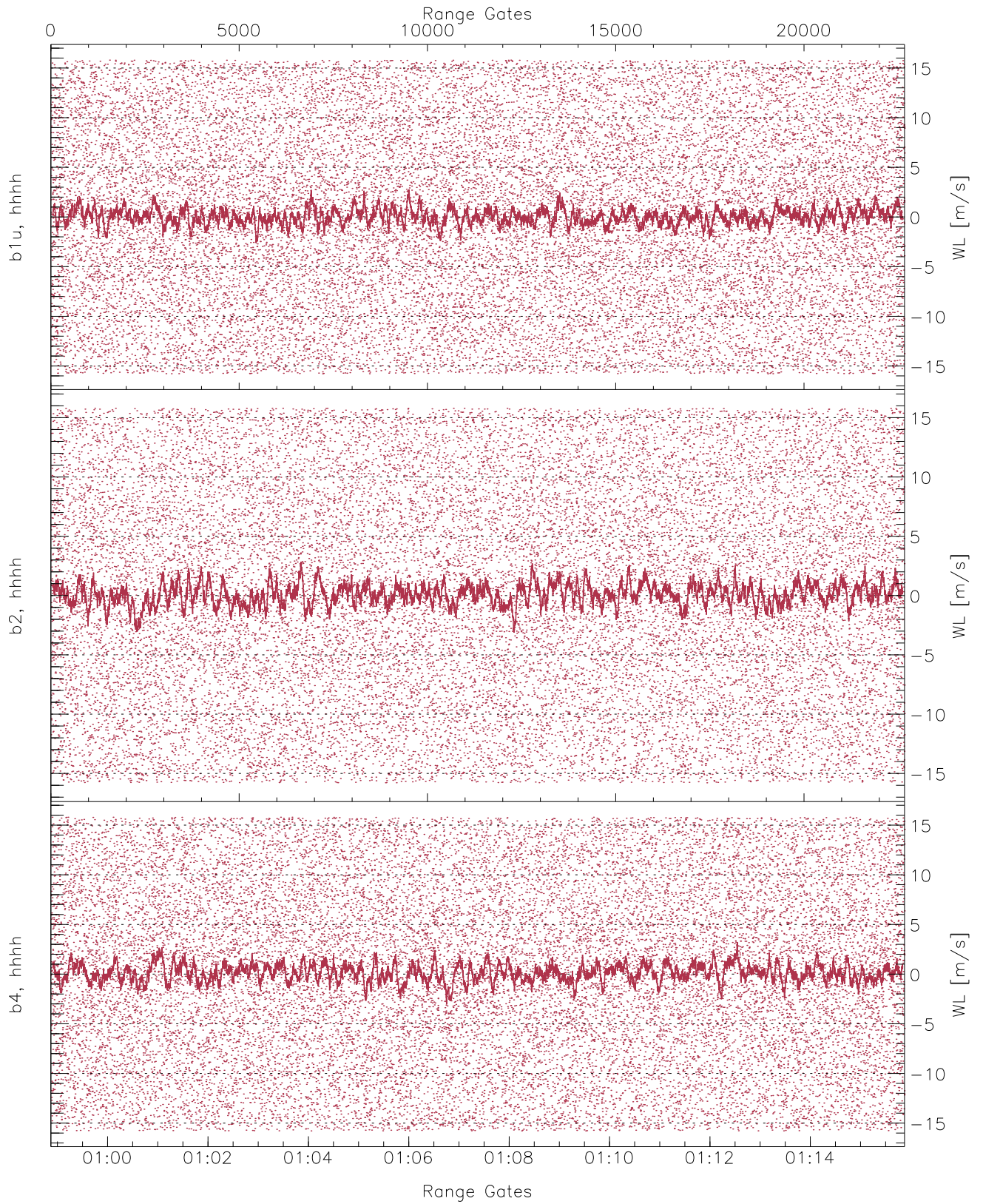
	Min	Max	Mean	Median	StDev
H1RG261_0 [dBm]	-66.59	-64.16	-65.31	-65.32	-76.79
V2RM_0 [dBm]	-66.14	-63.82	-64.94	-64.95	-76.44
H2RG349_0 [dBm]	-66.20	-63.71	-64.85	-64.86	-76.33



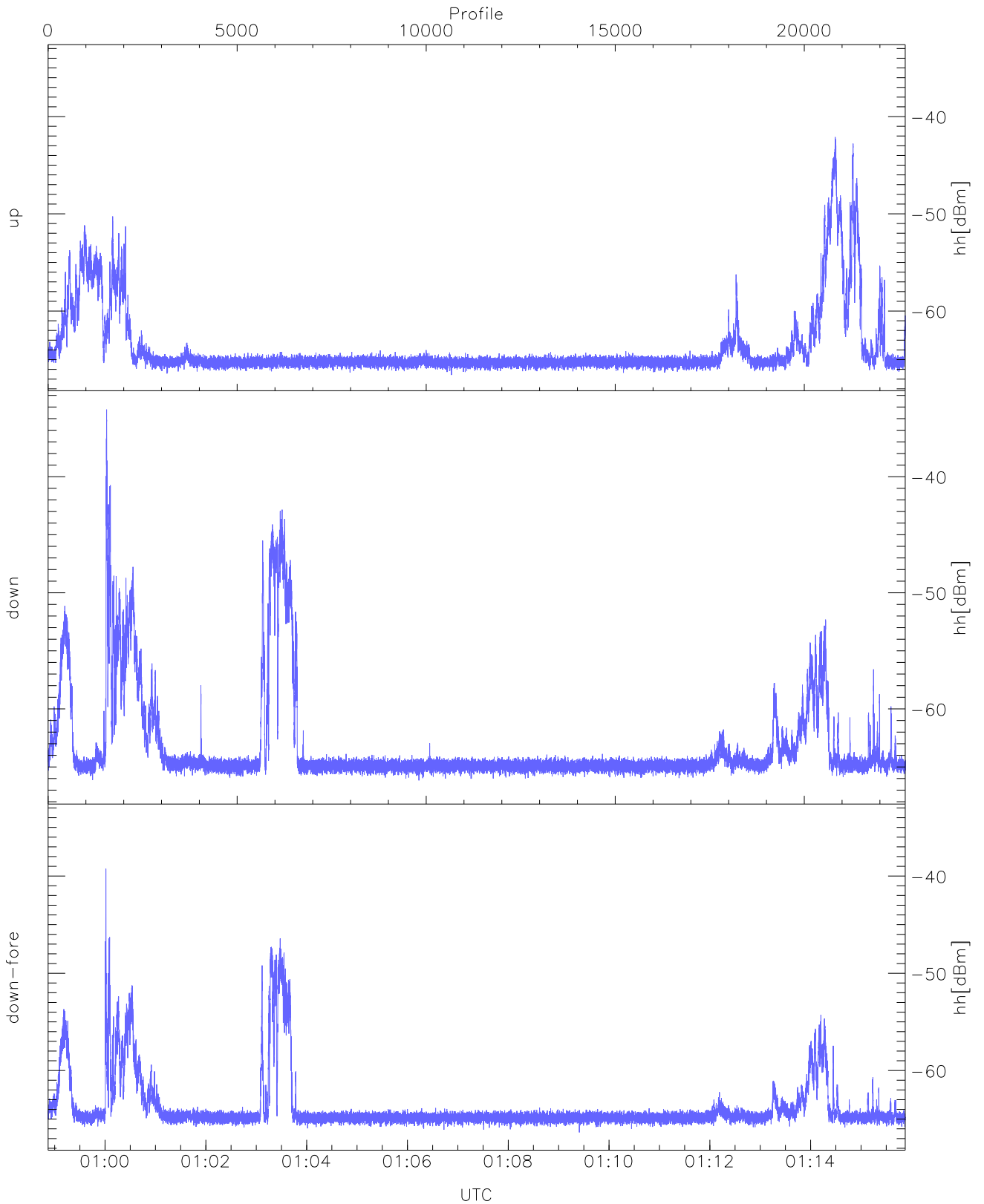
WCR3 CPP Averaged Received power for all recorded gates
blue: 005852-010722, 11337 profiles averaged
red: 010722-011553, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 005852-010722, 11337 profiles averaged
red: 010722-011553, 11336 profiles averaged

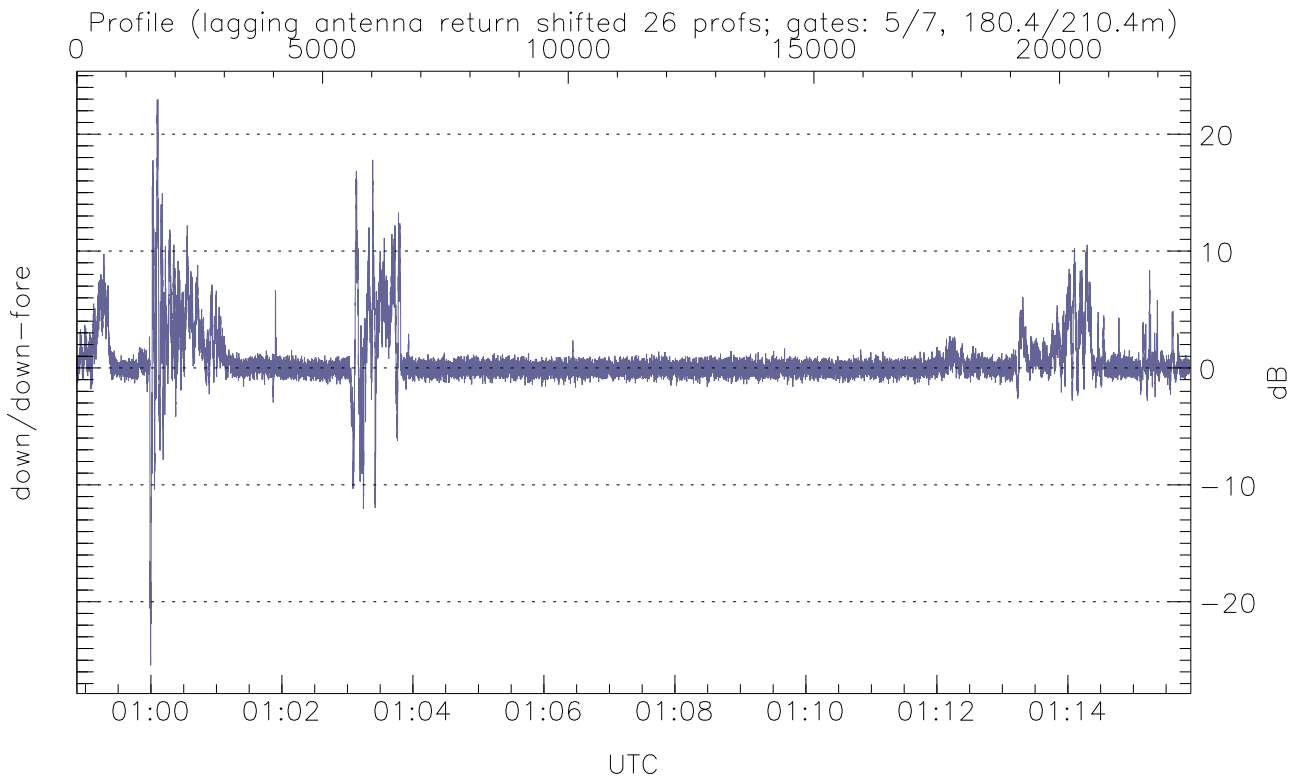
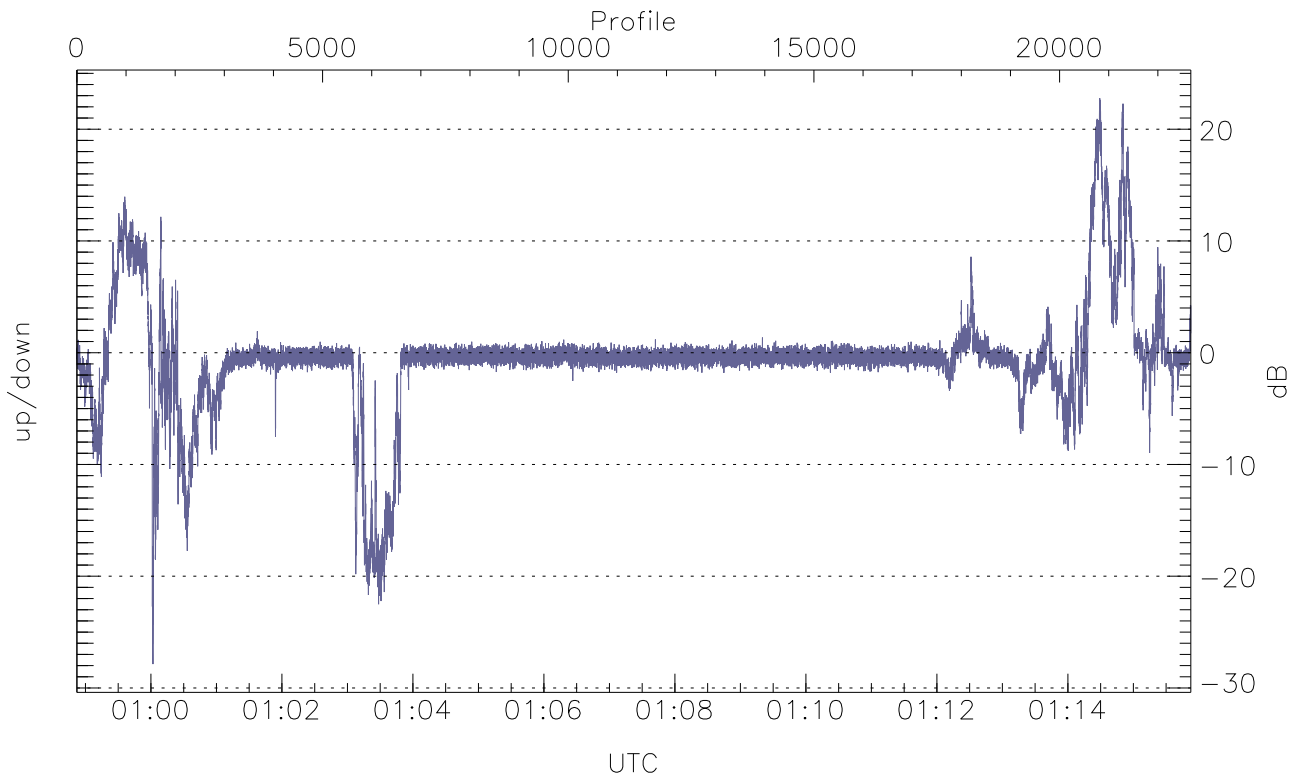


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



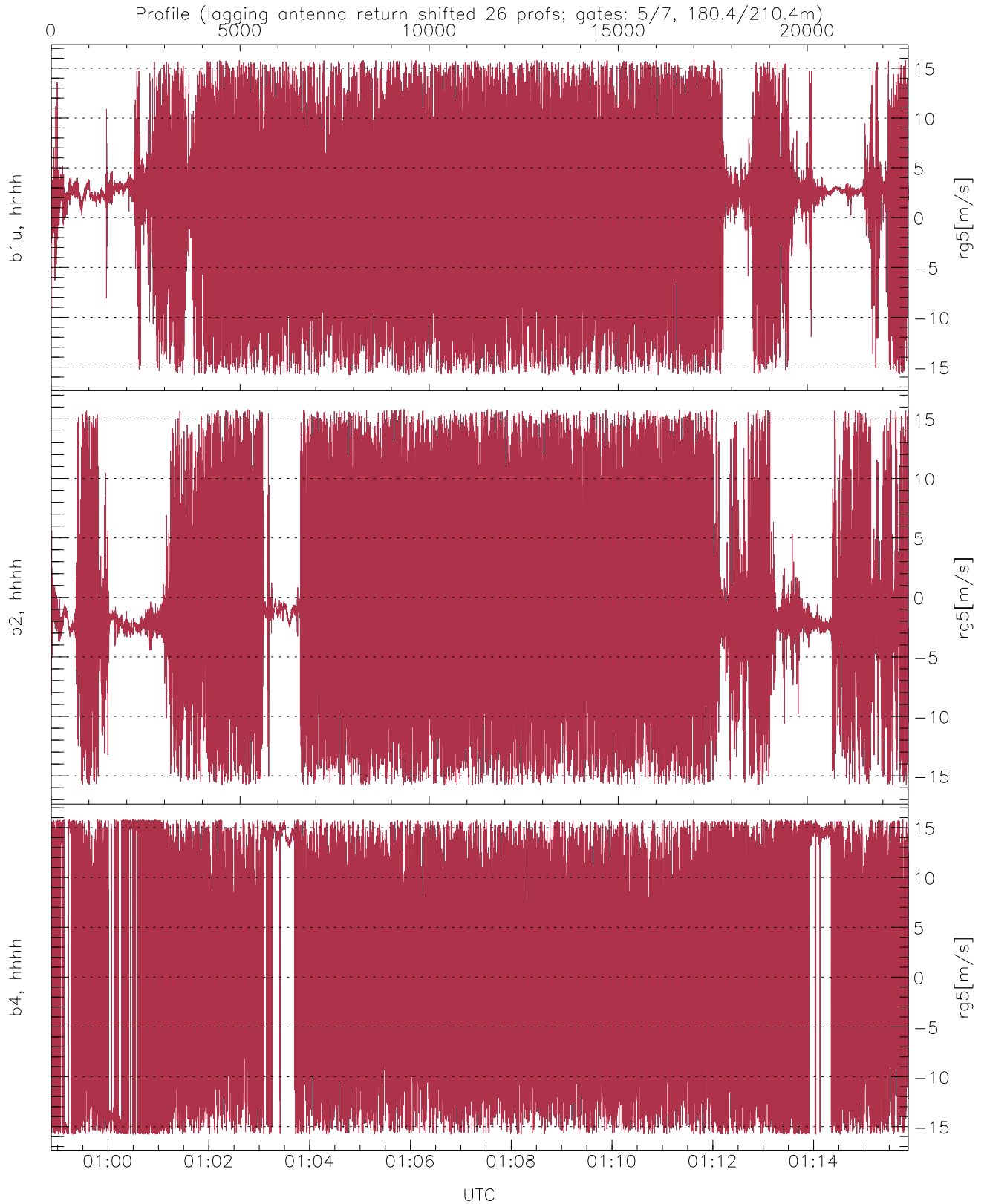
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.58	-42.11	-60.47
down(hh[dBm])	-66.16	-34.21	-58.80
down-fore(hh[dBm])	-66.37	-39.25	-61.61



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

	Min	Max	Mean
up/down (dB)	-27.86	22.77	-0.57
down/down-fore (dB)	-25.43	22.96	0.62



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	0.88	7.11
b2, hhhh(rg5[m/s])	-15.79	15.79	-0.62	7.18
b4, hhhh(rg5[m/s])	-15.79	15.79	1.48	10.37