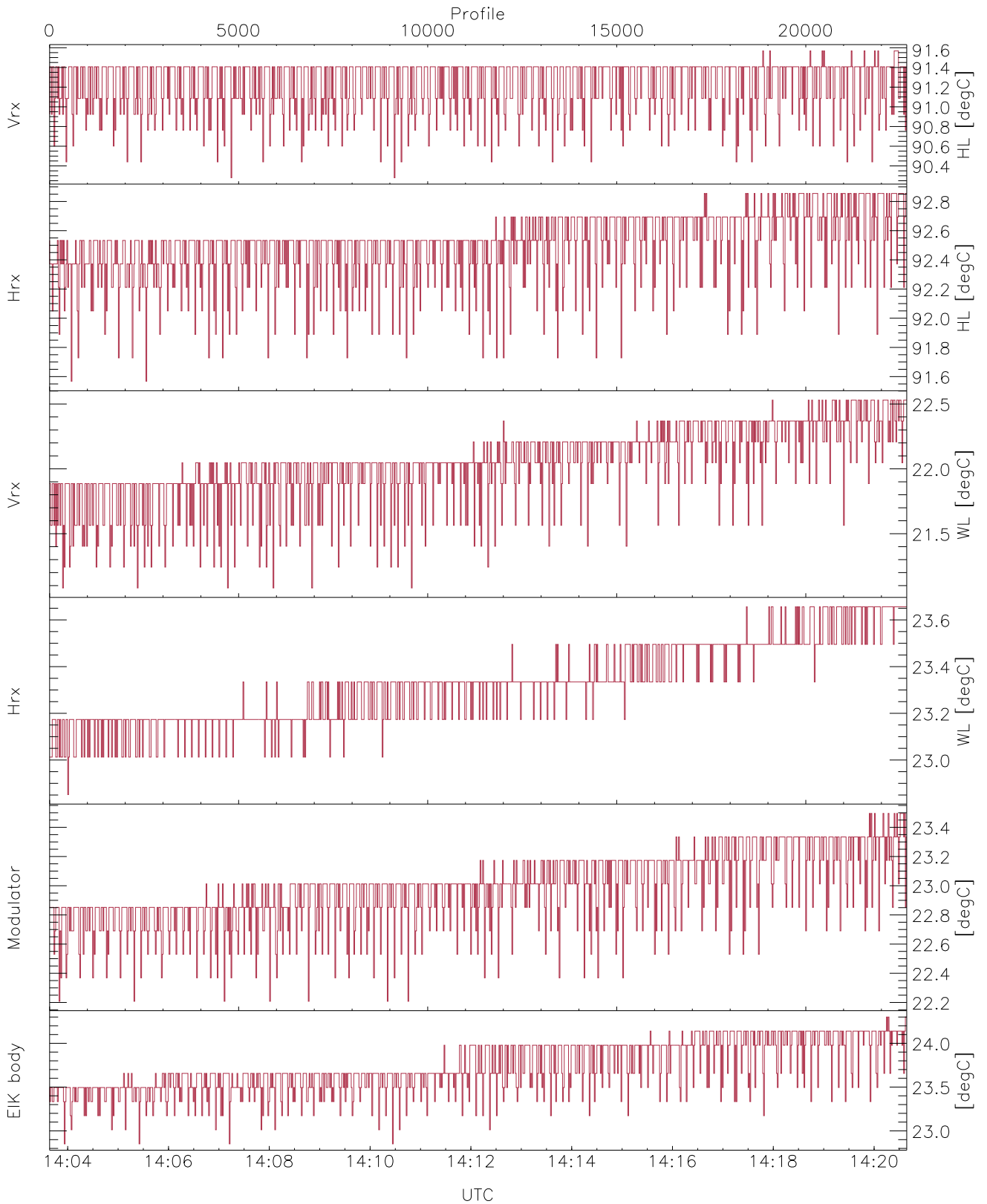


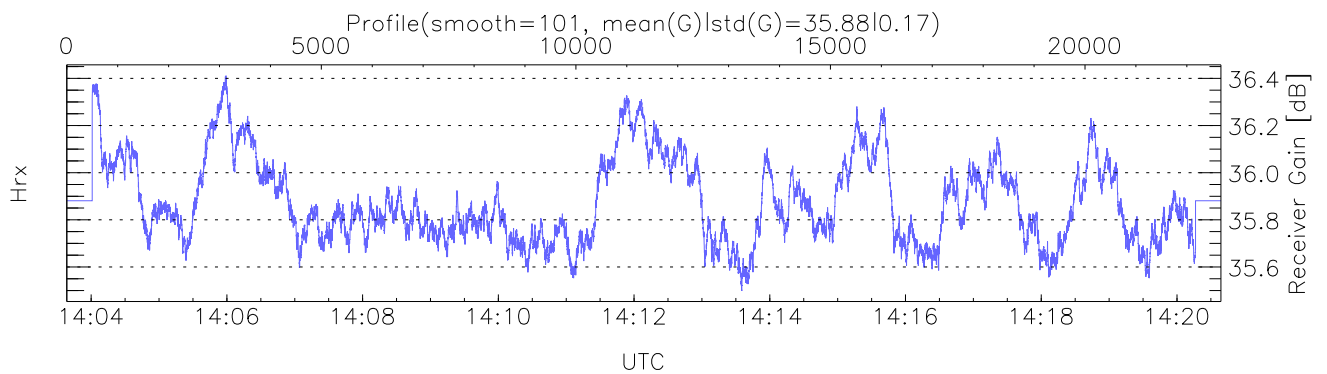
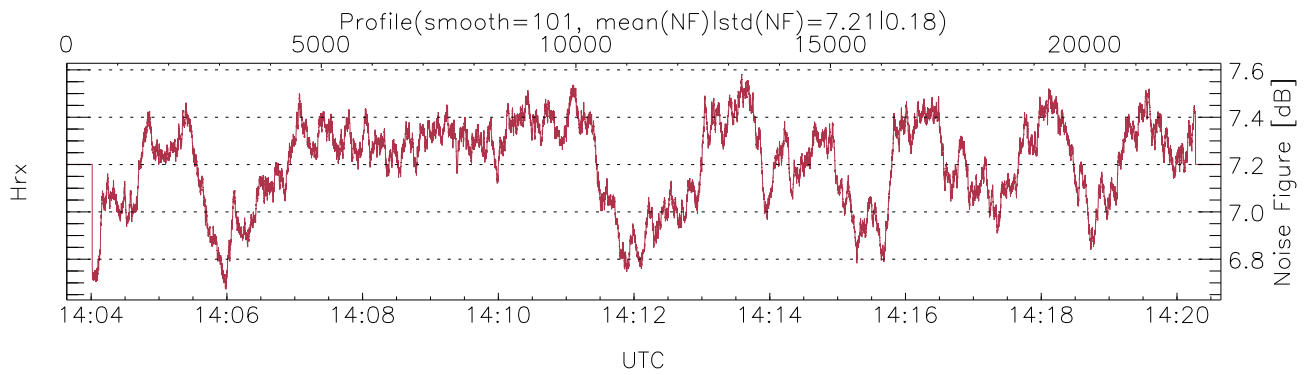
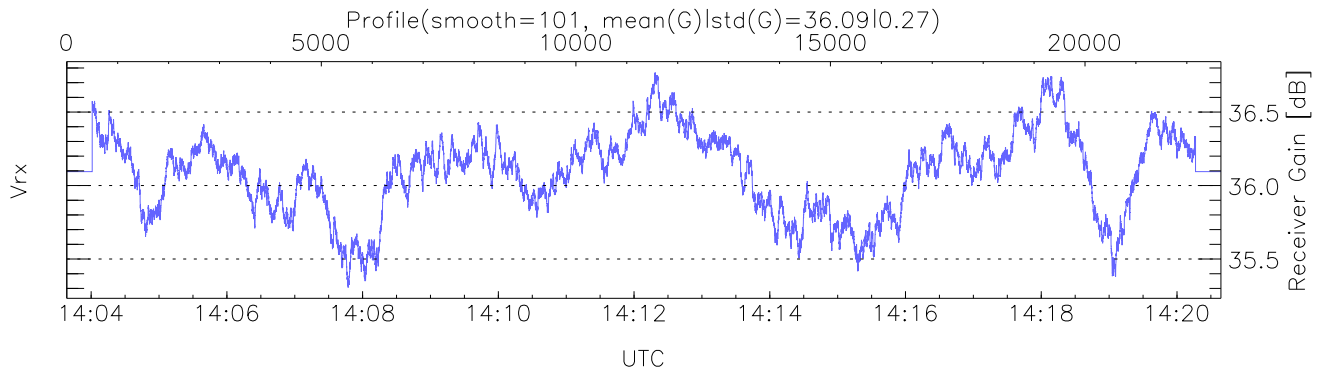
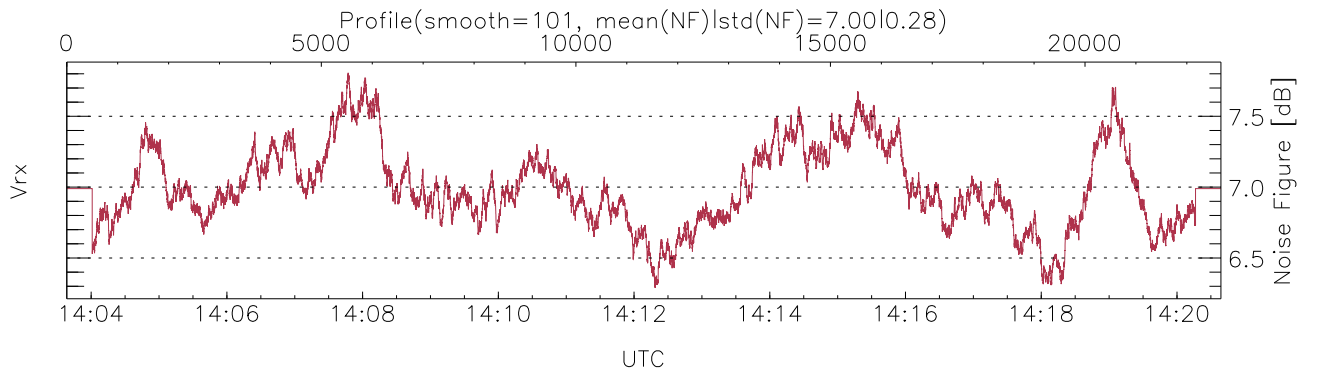
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 14:03:38-14:20:39, 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, 0-22671/14:03:38-14:20:39
 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



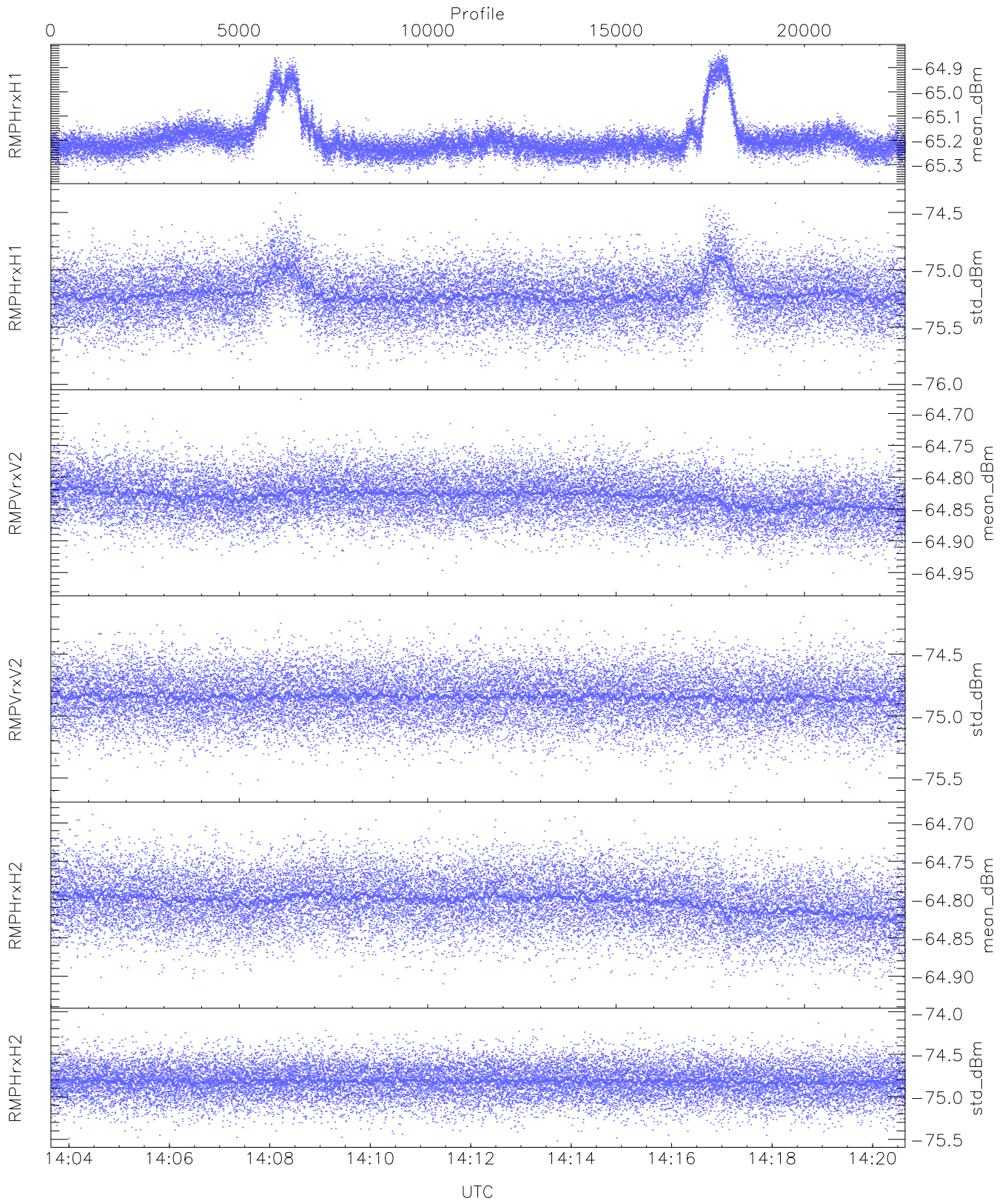
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

```
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,21,22,22,22
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,22,23,23,24
LOalarm(20,240,2817,14861 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (22,22,22,22,22,22)
```



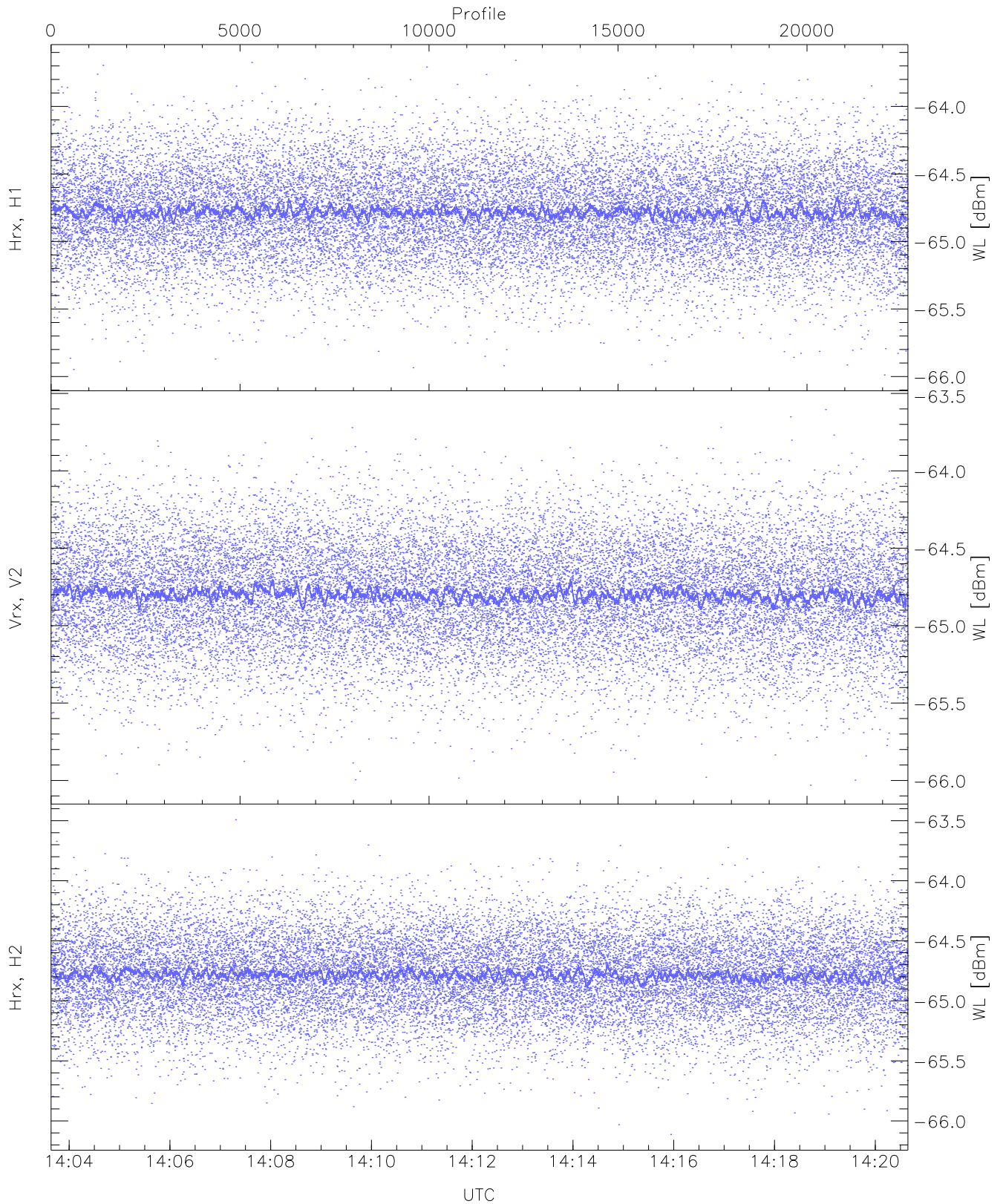
WCR3 CPP Receivers Gain and Noise Figure

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



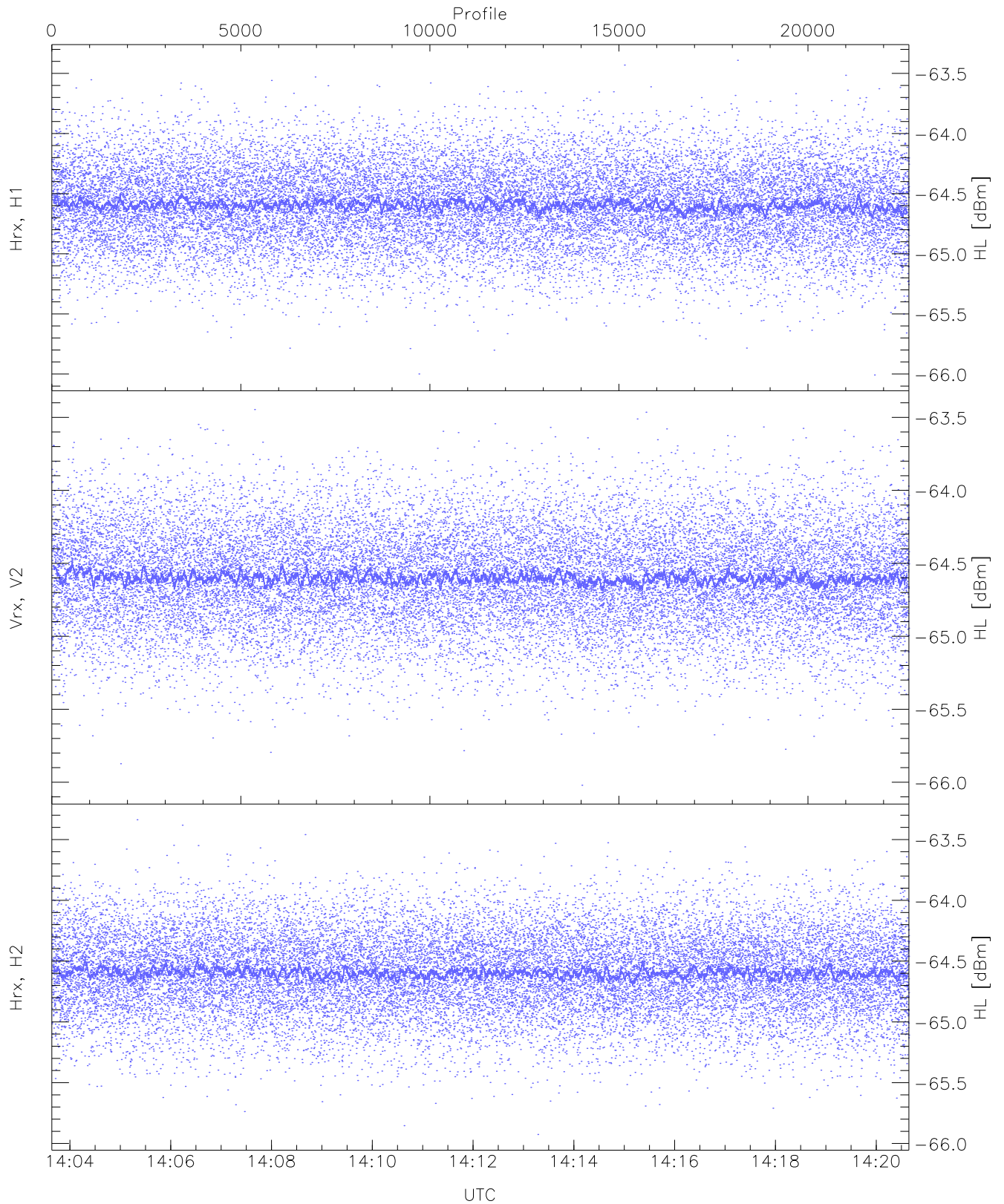
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.35	-64.83	-65.19	-65.21	-82.57
RMPHrxH1(std_dBm)	-75.96	-74.33	-75.21	-75.22	-88.66
RMPVrxV2(mean_dBm)	-64.97	-64.68	-64.83	-64.83	-86.22
RMPVrxV2(std_dBm)	-75.62	-74.11	-74.84	-74.85	-88.67
RMPHrxH2(mean_dBm)	-64.93	-64.68	-64.80	-64.80	-86.24
RMPHrxH2(std_dBm)	-75.52	-74.03	-74.82	-74.82	-88.60



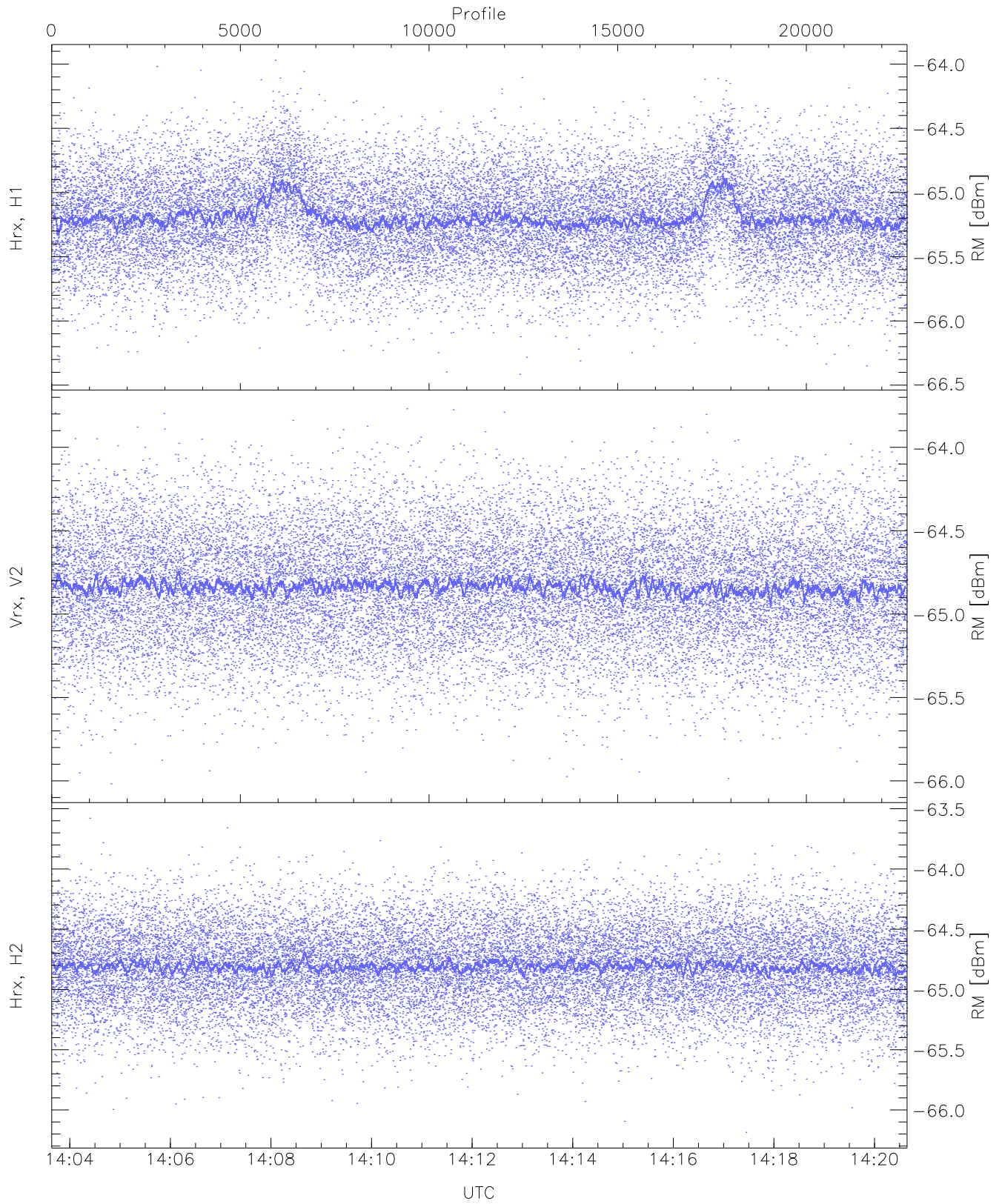
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.99	-63.66	-64.78	-64.79	-76.34
Vrx, V2 (WL [dBm])	-66.03	-63.60	-64.79	-64.80	-76.27
Hrx, H2 (WL [dBm])	-66.11	-63.49	-64.78	-64.79	-76.30



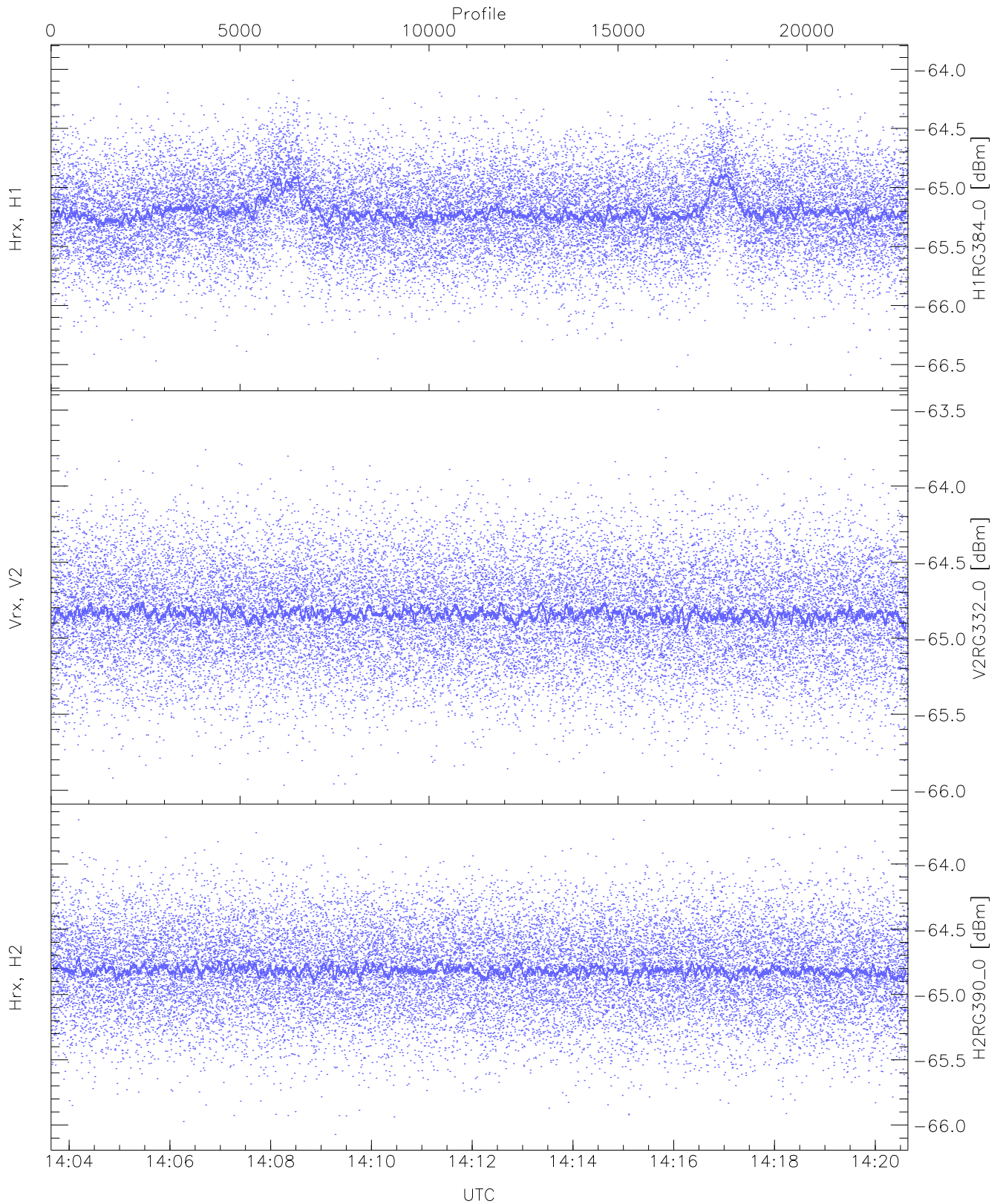
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.01	-63.39	-64.59	-64.59	-76.05
Vrx, V2 (HL [dBm])	-66.02	-63.45	-64.59	-64.60	-76.05
Hrx, H2 (HL [dBm])	-65.93	-63.34	-64.59	-64.60	-76.07



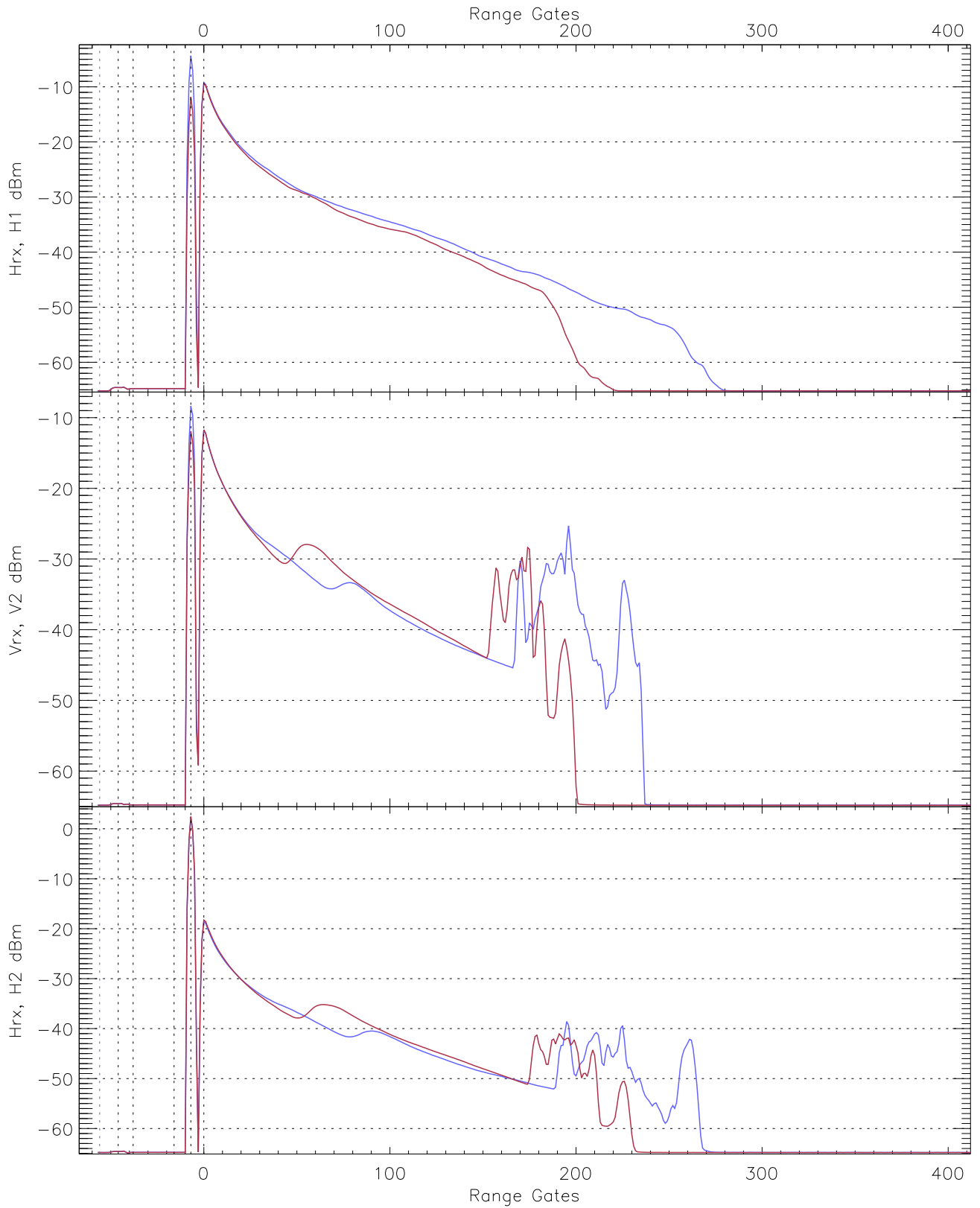
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.42	-63.97	-65.19	-65.20	-76.56
Vrx, V2 (RM [dBm])	-66.02	-63.77	-64.83	-64.84	-76.36
Hrx, H2 (RM [dBm])	-66.19	-63.58	-64.80	-64.81	-76.32

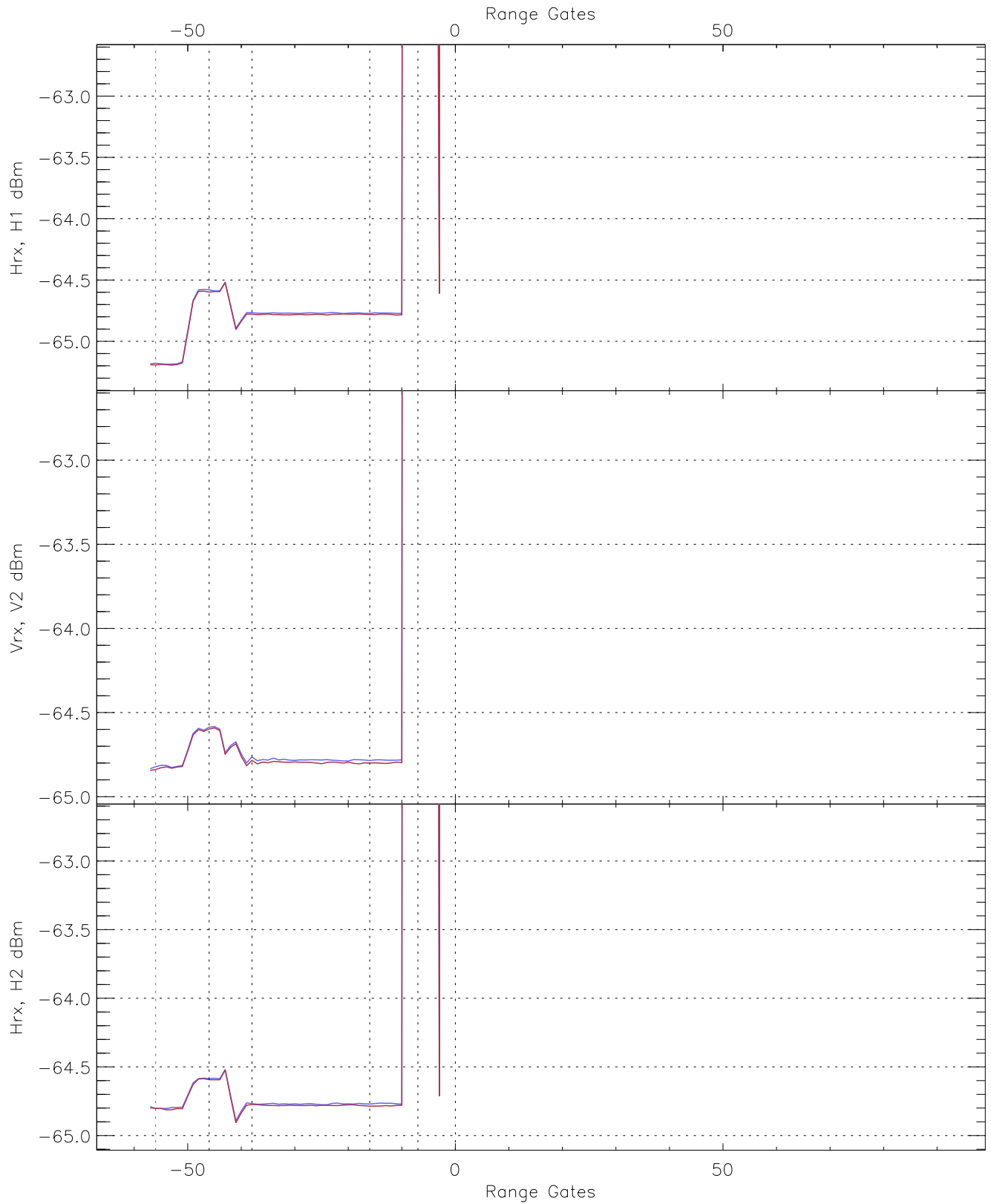


WCR3 CPP "Best" estimate Receivers Noise Power

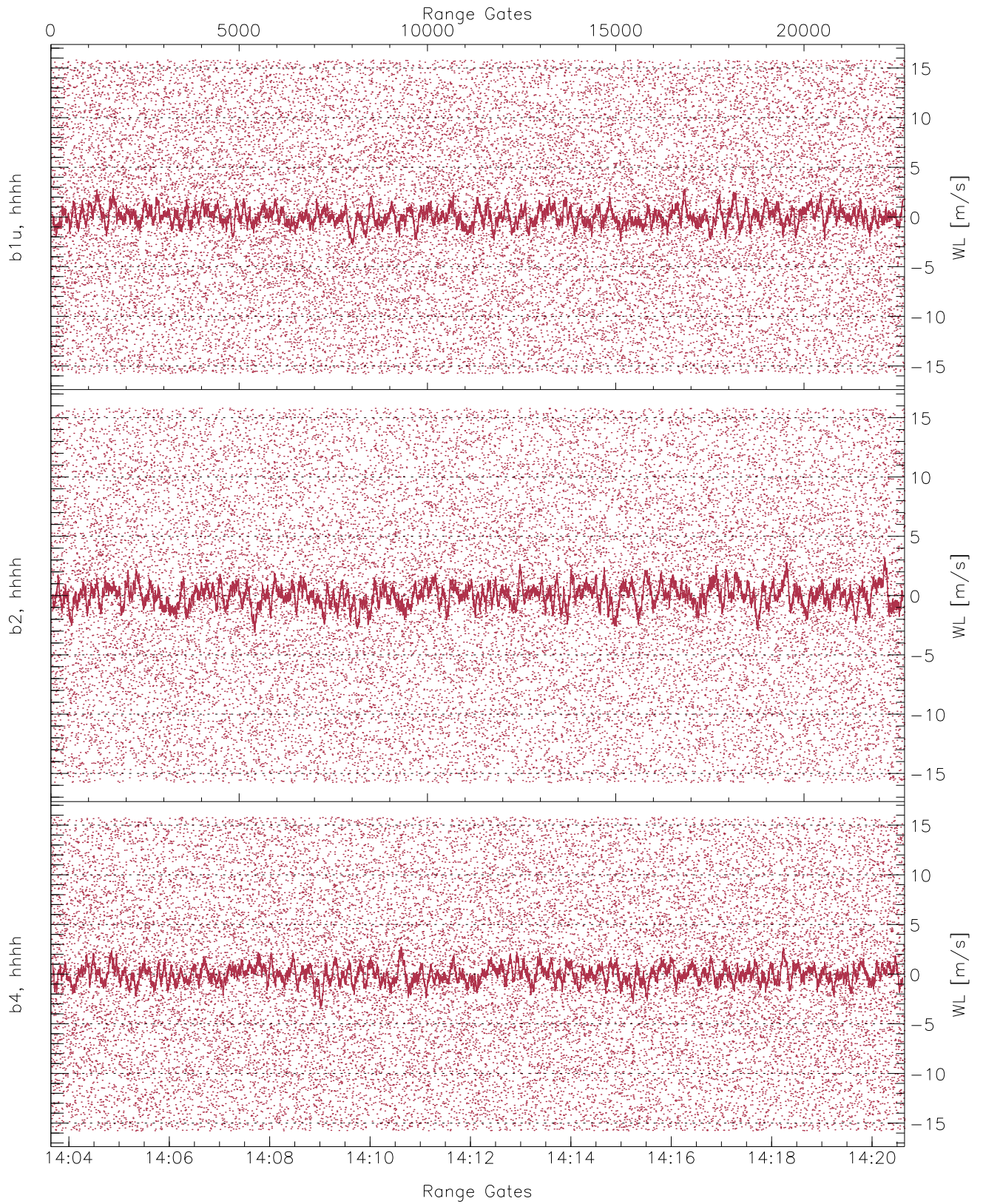
	Min	Max	Mean	Median	StDev
H1RG384_0 [dBm]	-66.59	-63.92	-65.20	-65.21	-76.58
V2RG332_0 [dBm]	-65.97	-63.50	-64.83	-64.84	-76.34
H2RG390_0 [dBm]	-66.07	-63.66	-64.81	-64.82	-76.31



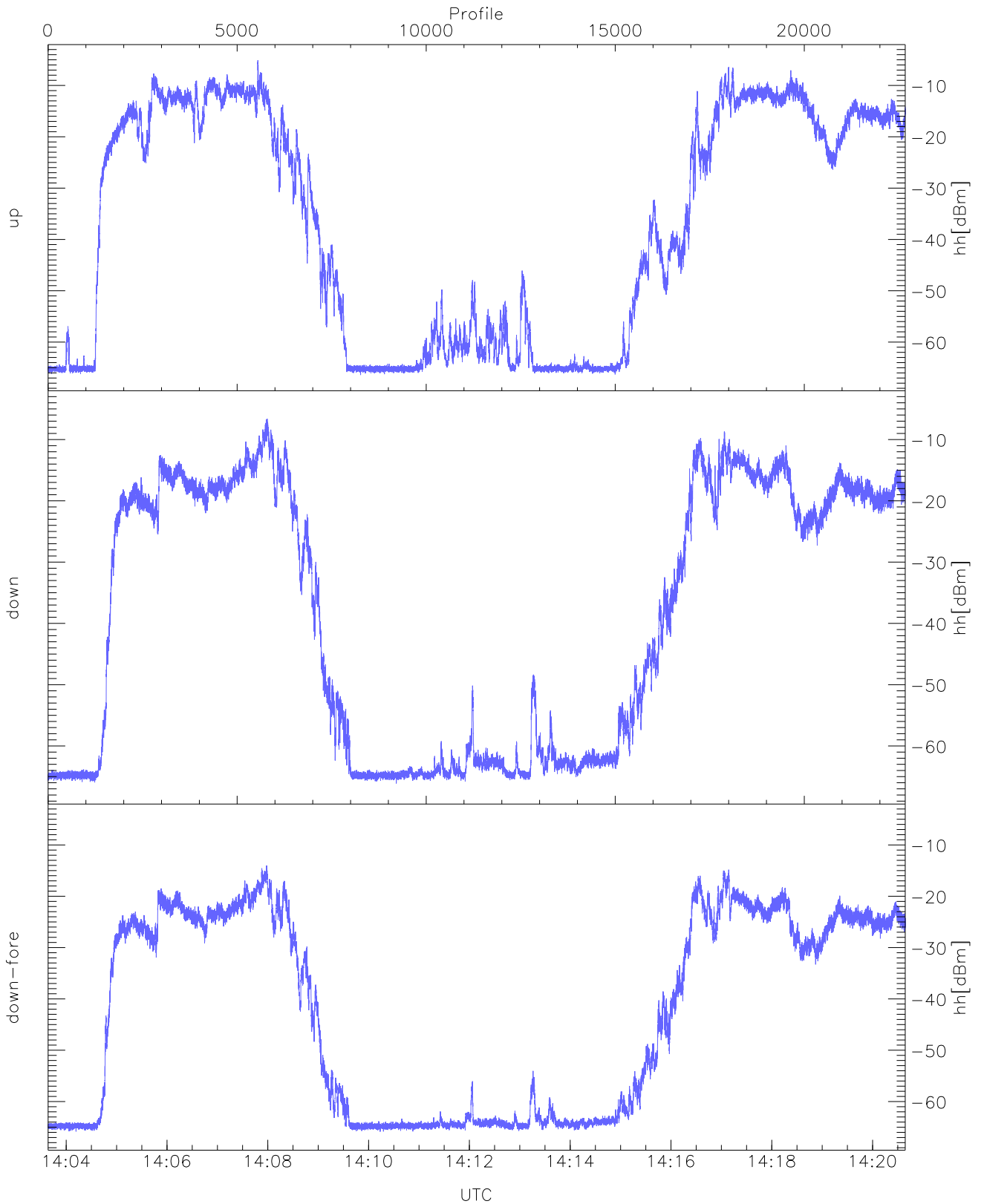
WCR3 CPP Averaged Received power for all recorded gates
blue: 140338-141209, 11337 profiles averaged
red: 141209-142039, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 140338-141209, 11337 profiles averaged
red: 141209-142039, 11336 profiles averaged

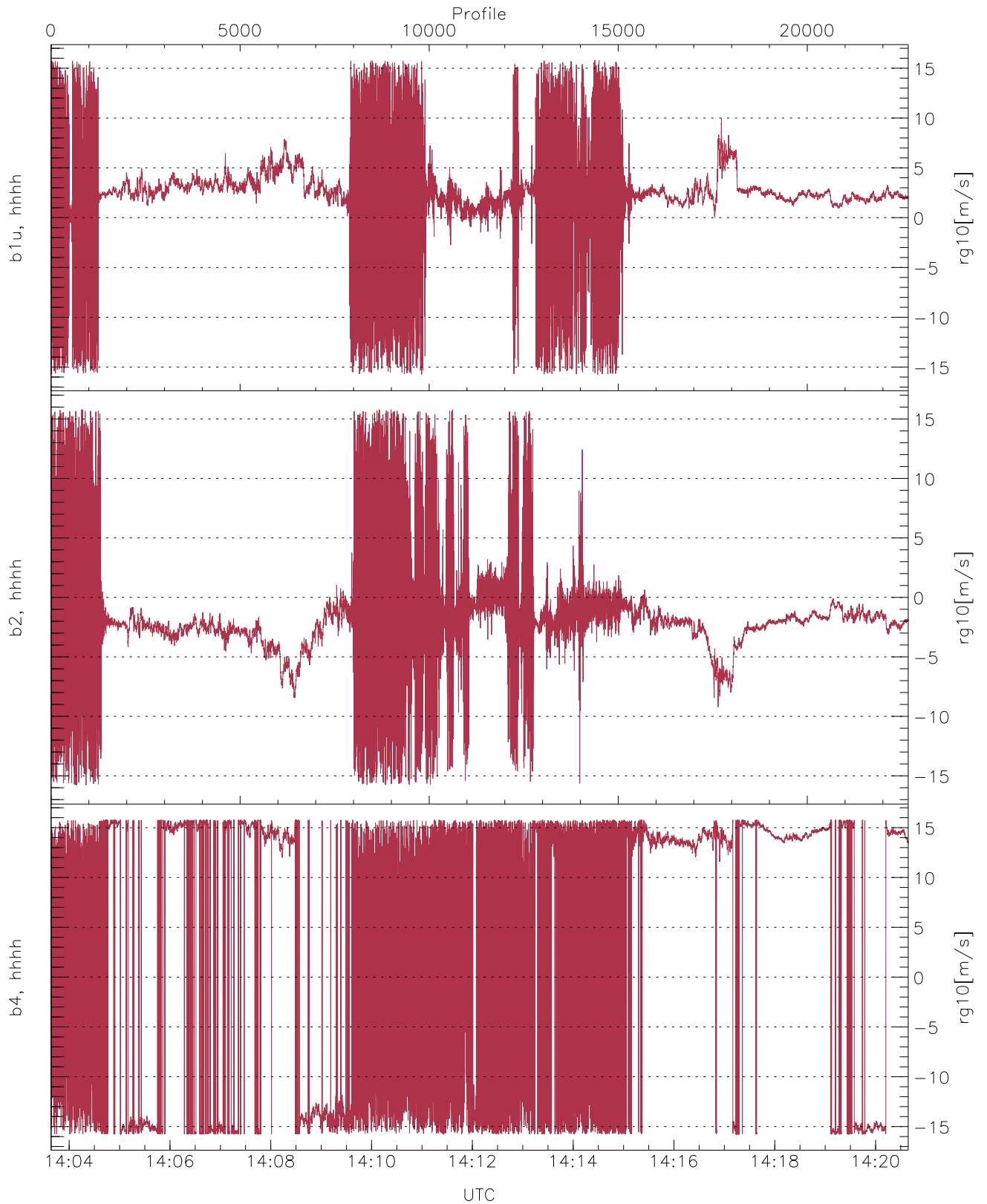


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



WCR3 CPP Received Power Products for Range gate 10 (255.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.41	-5.10	-16.73
down(hh[dBm])	-66.12	-6.62	-19.32
down-fore(hh[dBm])	-65.87	-14.00	-25.69



WCR3 CPP Doppler Velocity Products at 255.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg10[m/s])	-15.78	15.79	2.11	4.30
b2, hhhh(rg10[m/s])	-15.78	15.79	-1.88	3.88
b4, hhhh(rg10[m/s])	-15.79	15.79	3.20	13.18