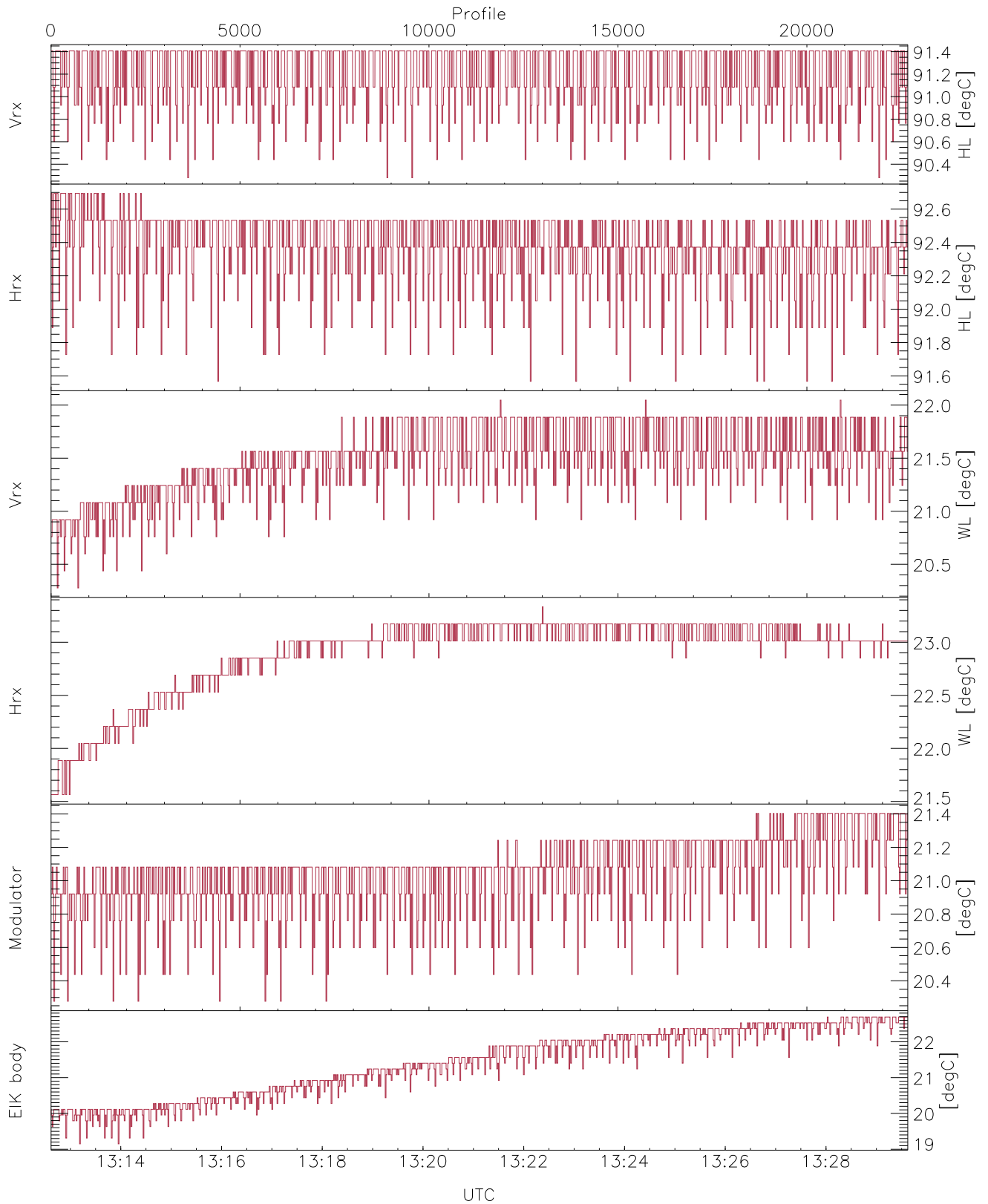


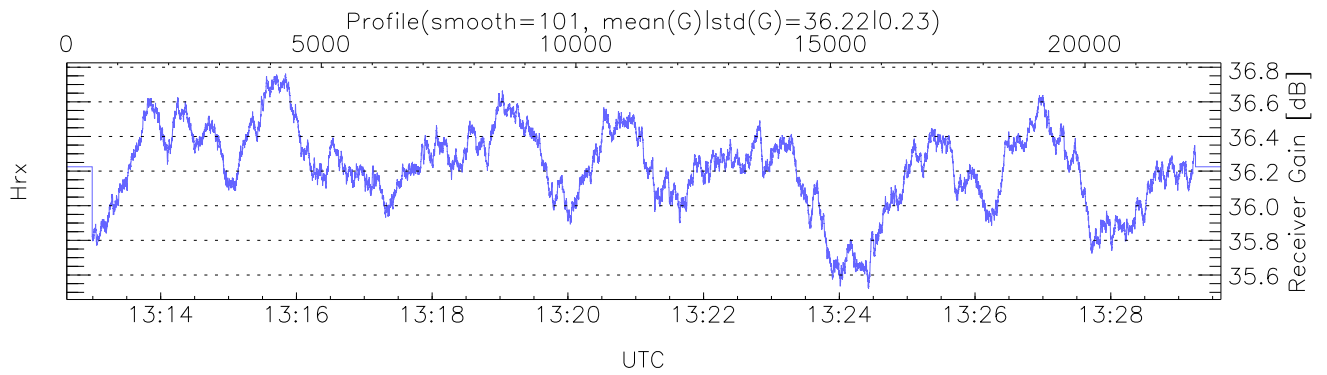
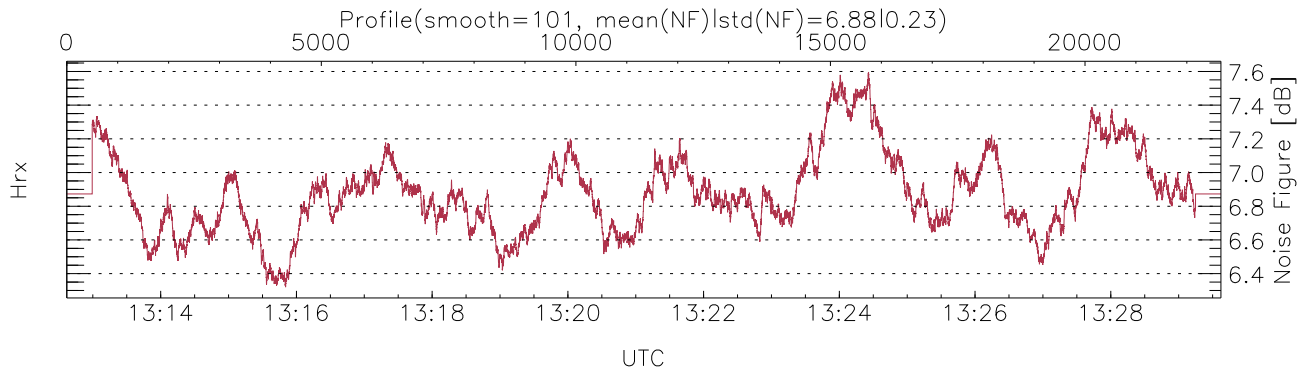
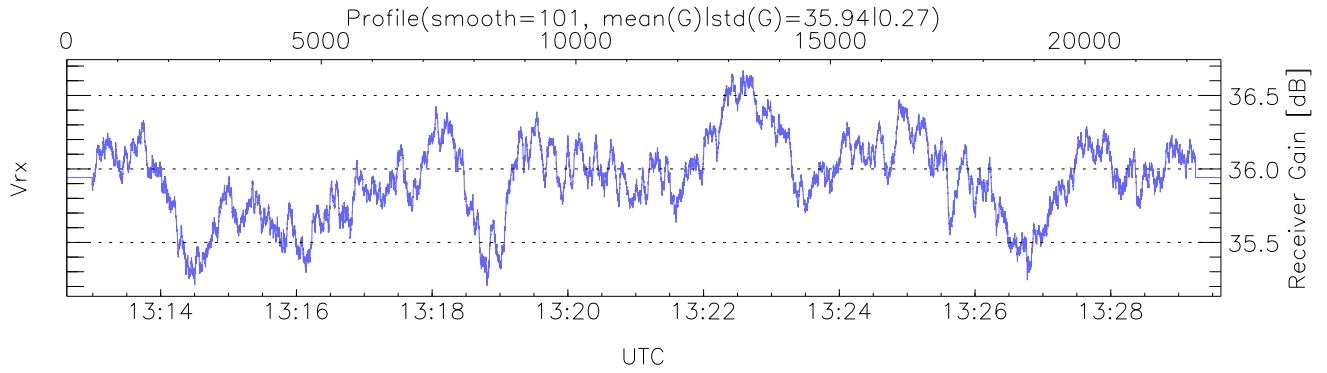
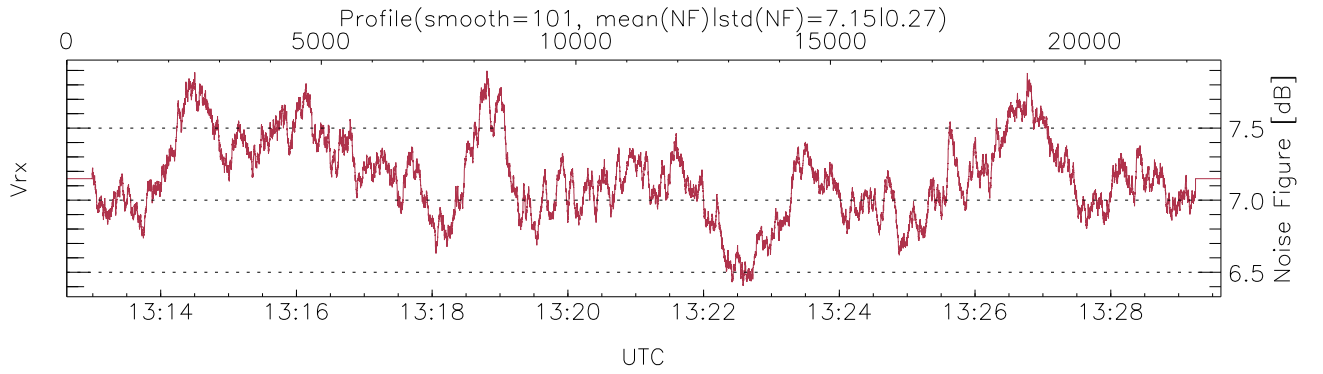
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 13:12:37-13:29:37, 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, 0-22671/13:12:37-13:29:37
 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



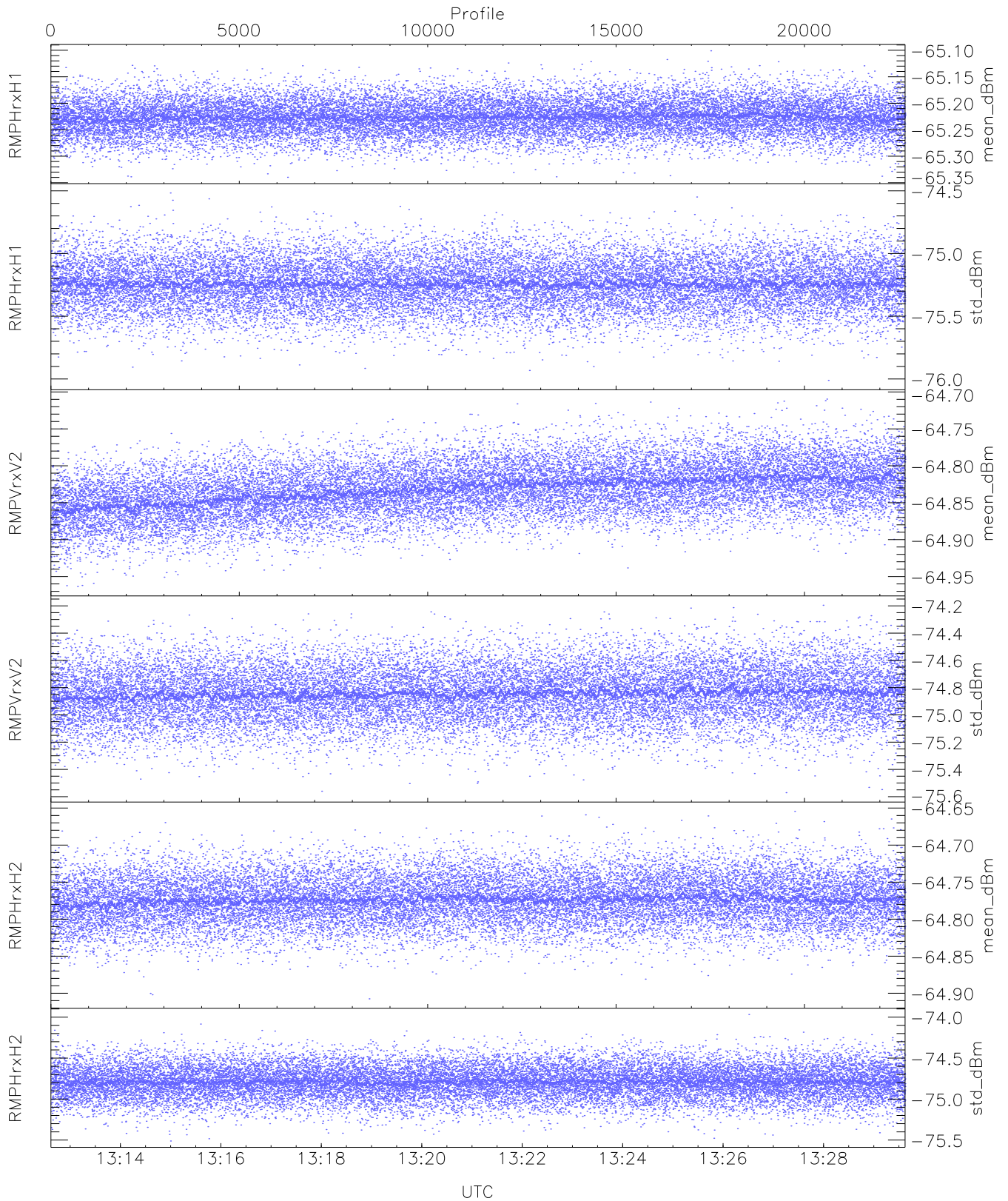
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

```
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,20,21,20,19
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,22,23,21,22
LOalarm(20,240,2817,14861 MHz): 0,0,22,0
EIK Faults(# prof affected):
  BodyCurr,DeckF (22,22)
```



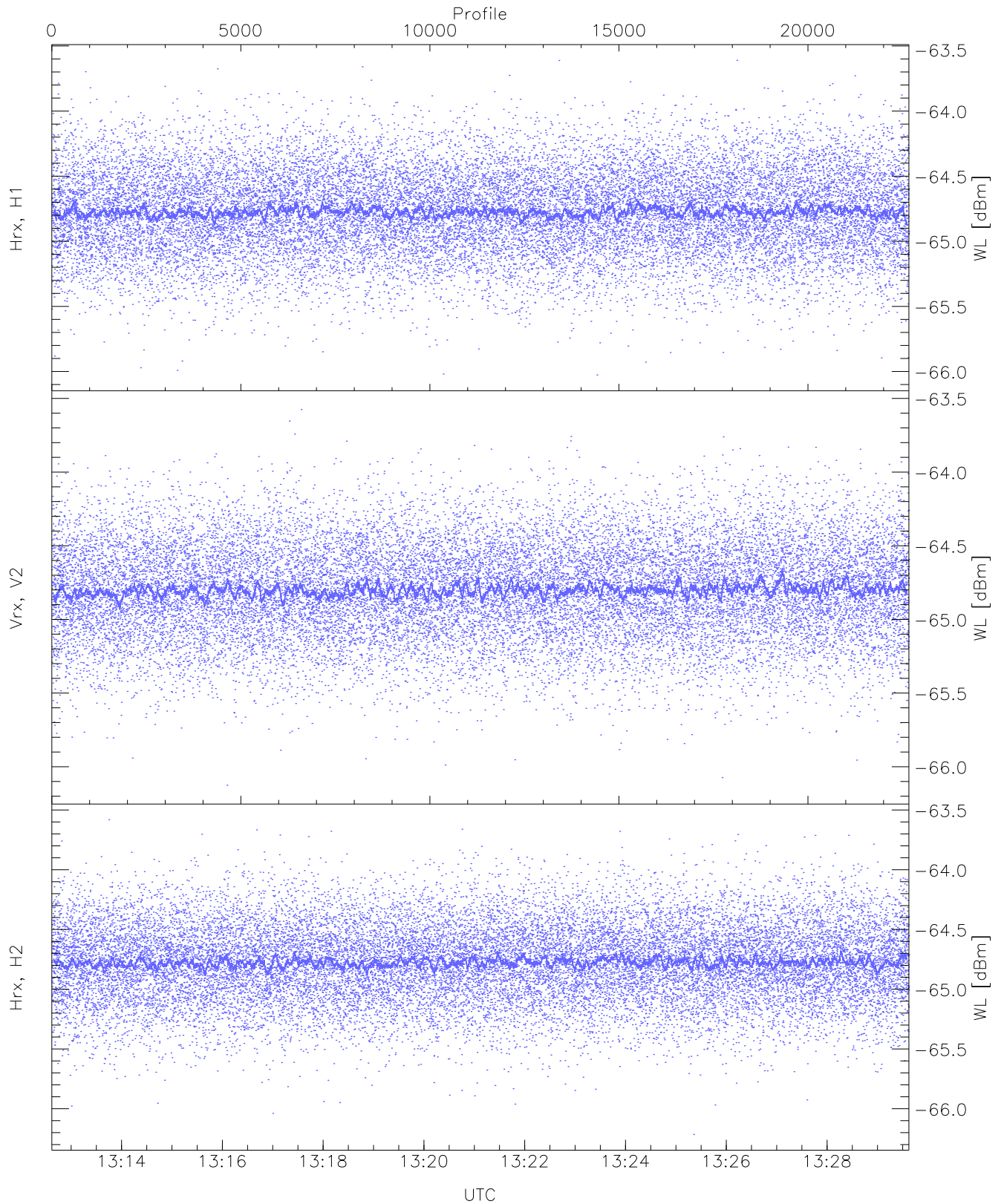
WCR3 CPP Receivers Gain and Noise Figure

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



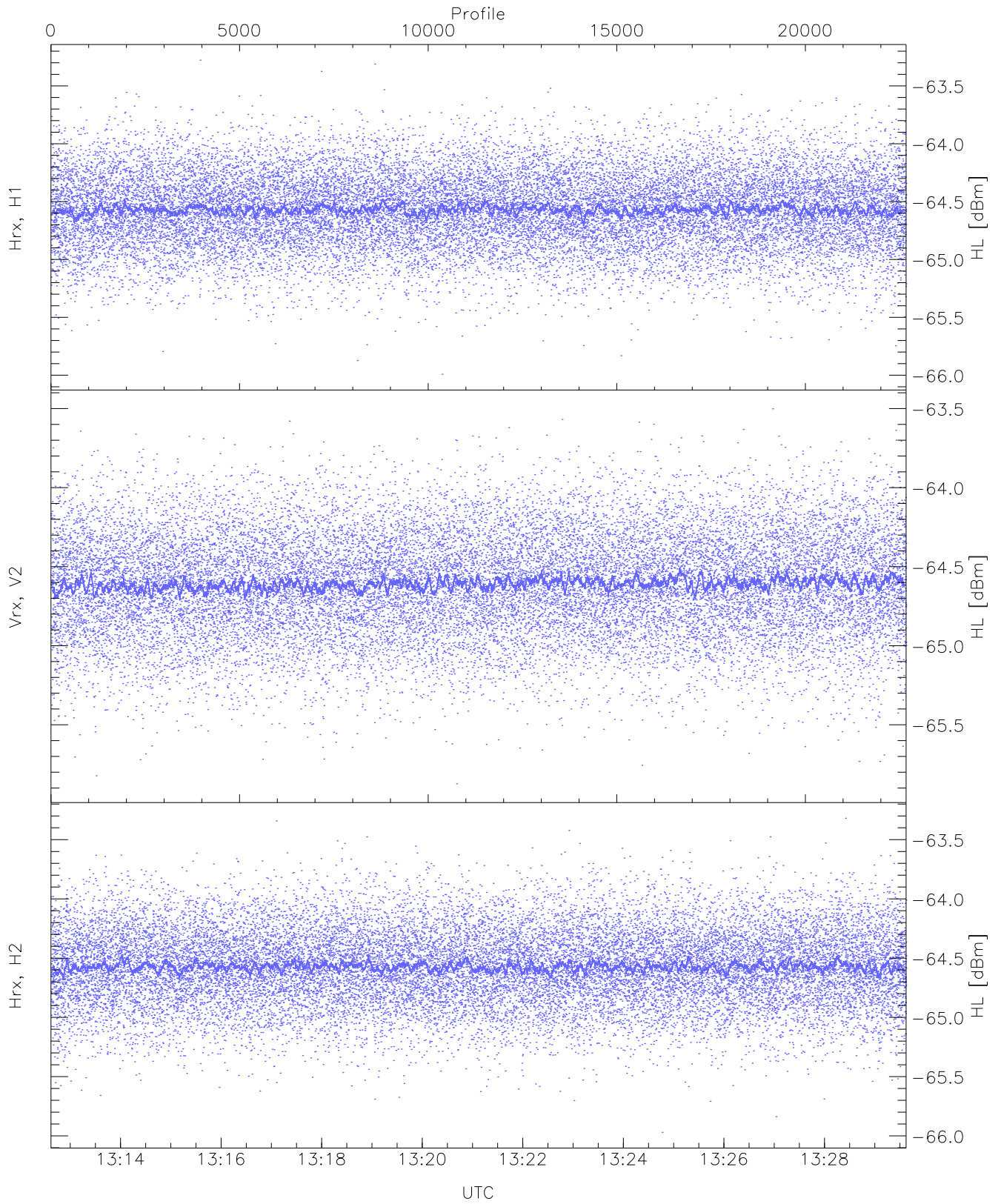
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.34	-65.10	-65.23	-65.23	-86.81
RMPHrxH1(std_dBm)	-76.01	-74.52	-75.24	-75.25	-89.04
RMPVrxV2(mean_dBm)	-64.96	-64.71	-64.83	-64.83	-86.02
RMPVrxV2(std_dBm)	-75.57	-74.20	-74.84	-74.85	-88.60
RMPHrxH2(mean_dBm)	-64.91	-64.65	-64.77	-64.77	-86.38
RMPHrxH2(std_dBm)	-75.51	-73.97	-74.79	-74.79	-88.56



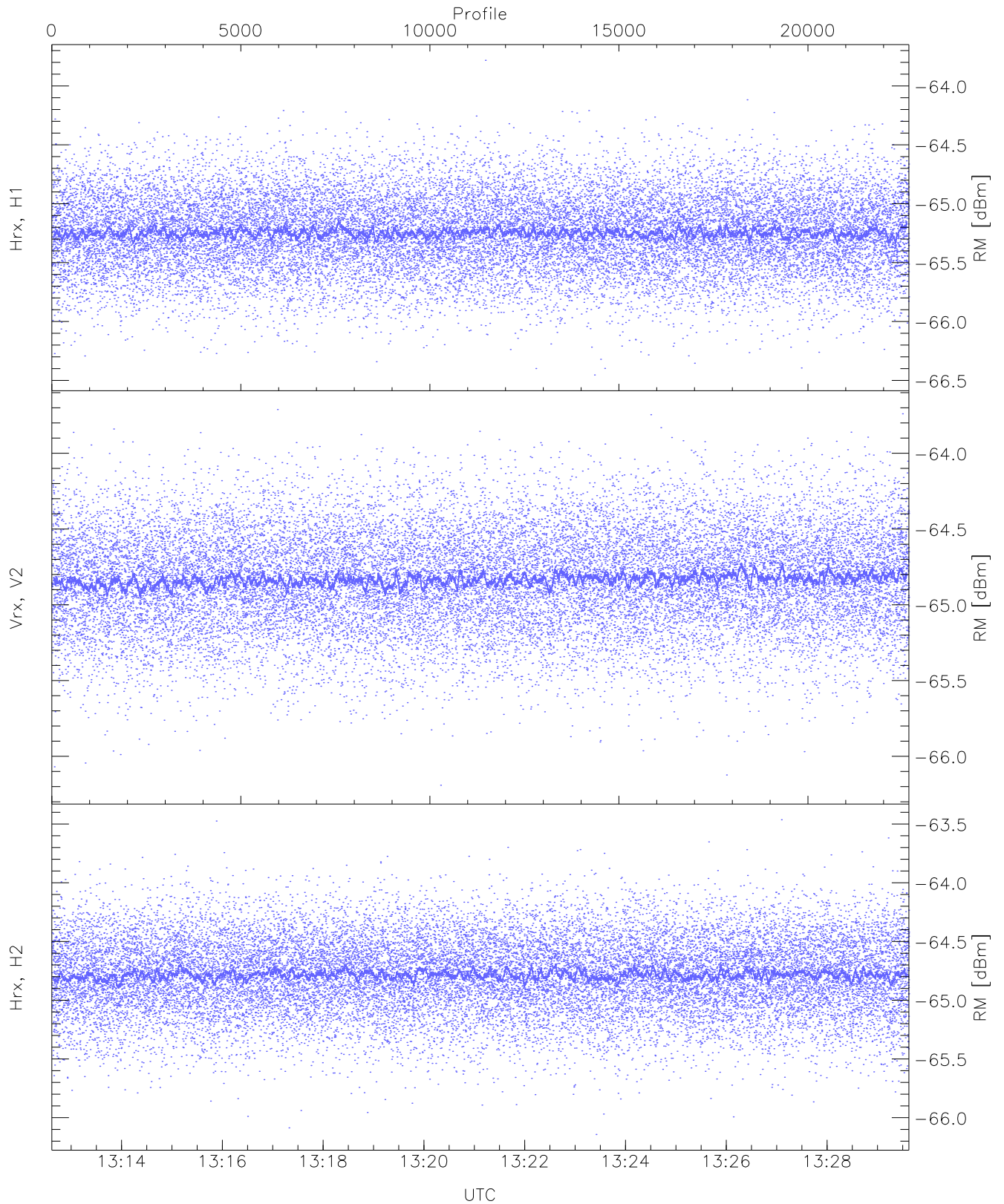
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.03	-63.61	-64.77	-64.78	-76.25
Vrx, V2 (WL [dBm])	-66.13	-63.58	-64.79	-64.80	-76.32
Hrx, H2 (WL [dBm])	-66.22	-63.58	-64.77	-64.78	-76.24



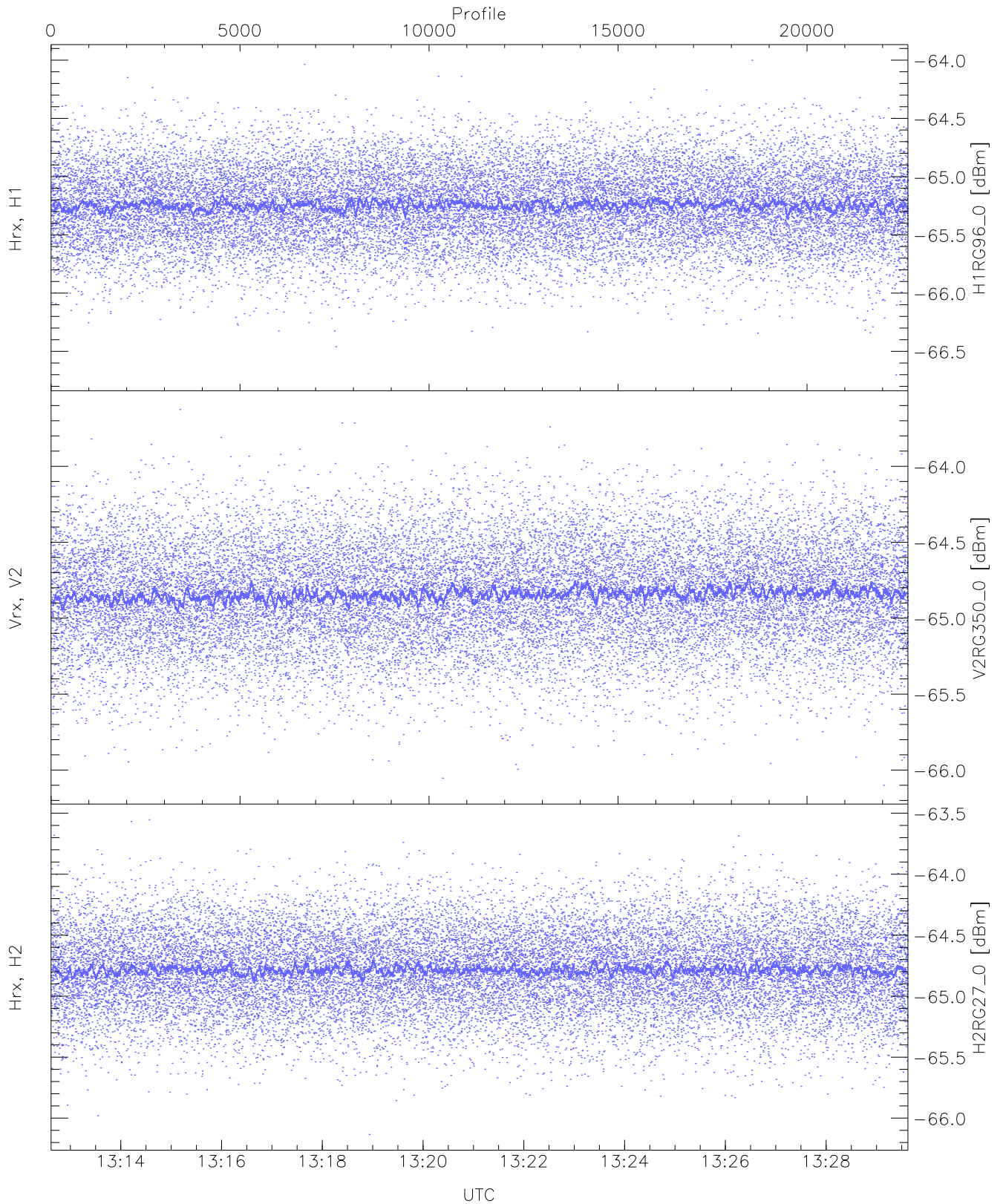
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.99	-63.28	-64.56	-64.57	-76.06
Vrx, V2 (HL [dBm])	-65.87	-63.50	-64.60	-64.61	-76.11
Hrx, H2 (HL [dBm])	-65.97	-63.32	-64.56	-64.58	-76.06



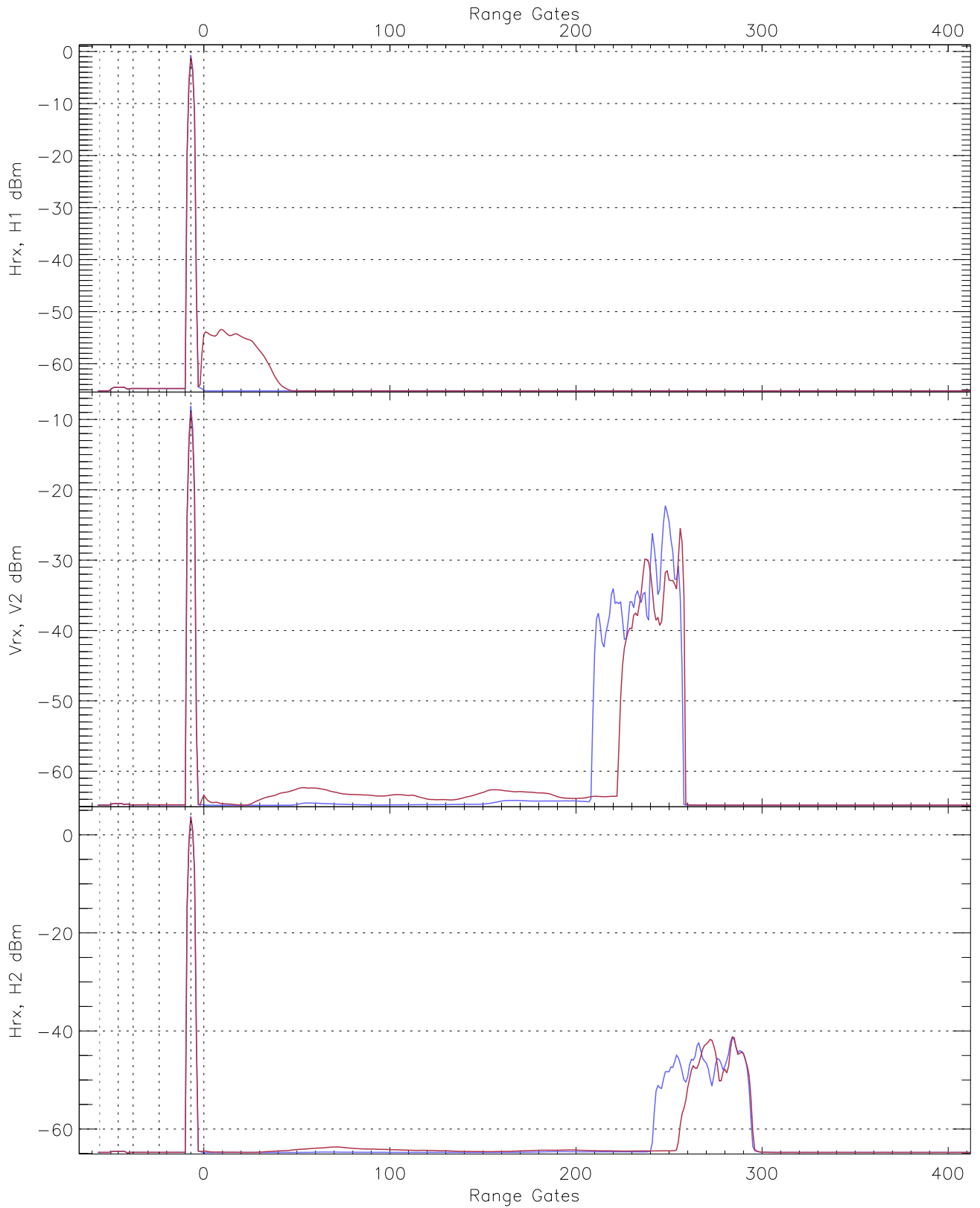
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.45	-63.78	-65.24	-65.25	-76.72
Vrx, V2 (RM [dBm])	-66.19	-63.71	-64.83	-64.83	-76.33
Hrx, H2 (RM [dBm])	-66.14	-63.46	-64.78	-64.78	-76.26

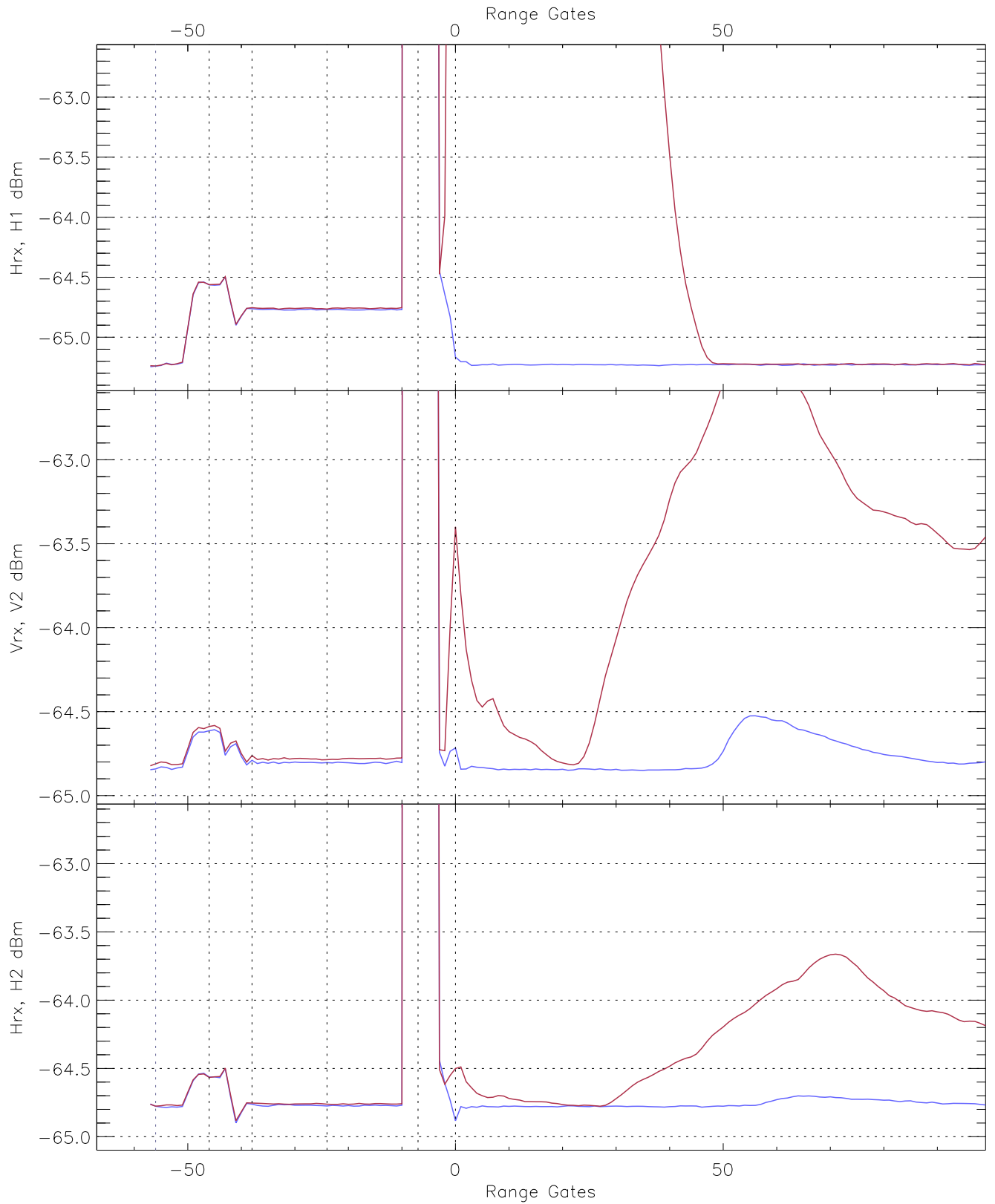


WCR3 CPP "Best" estimate Receivers Noise Power

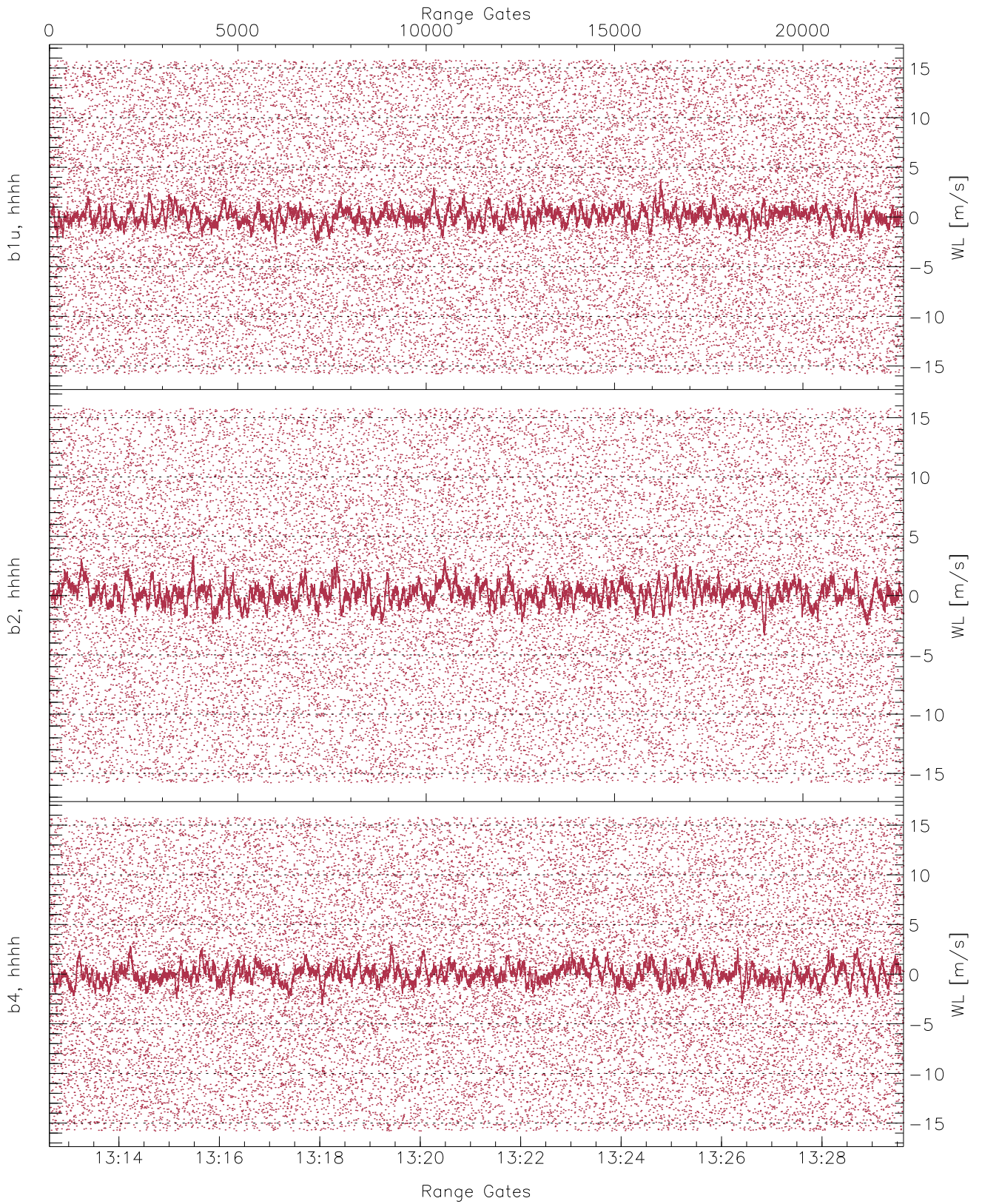
	Min	Max	Mean	Median	StDev
H1RG96_0 [dBm]	-66.70	-64.00	-65.24	-65.25	-76.78
V2RG350_0 [dBm]	-66.10	-63.63	-64.84	-64.84	-76.32
H2RG27_0 [dBm]	-66.13	-63.55	-64.78	-64.79	-76.31



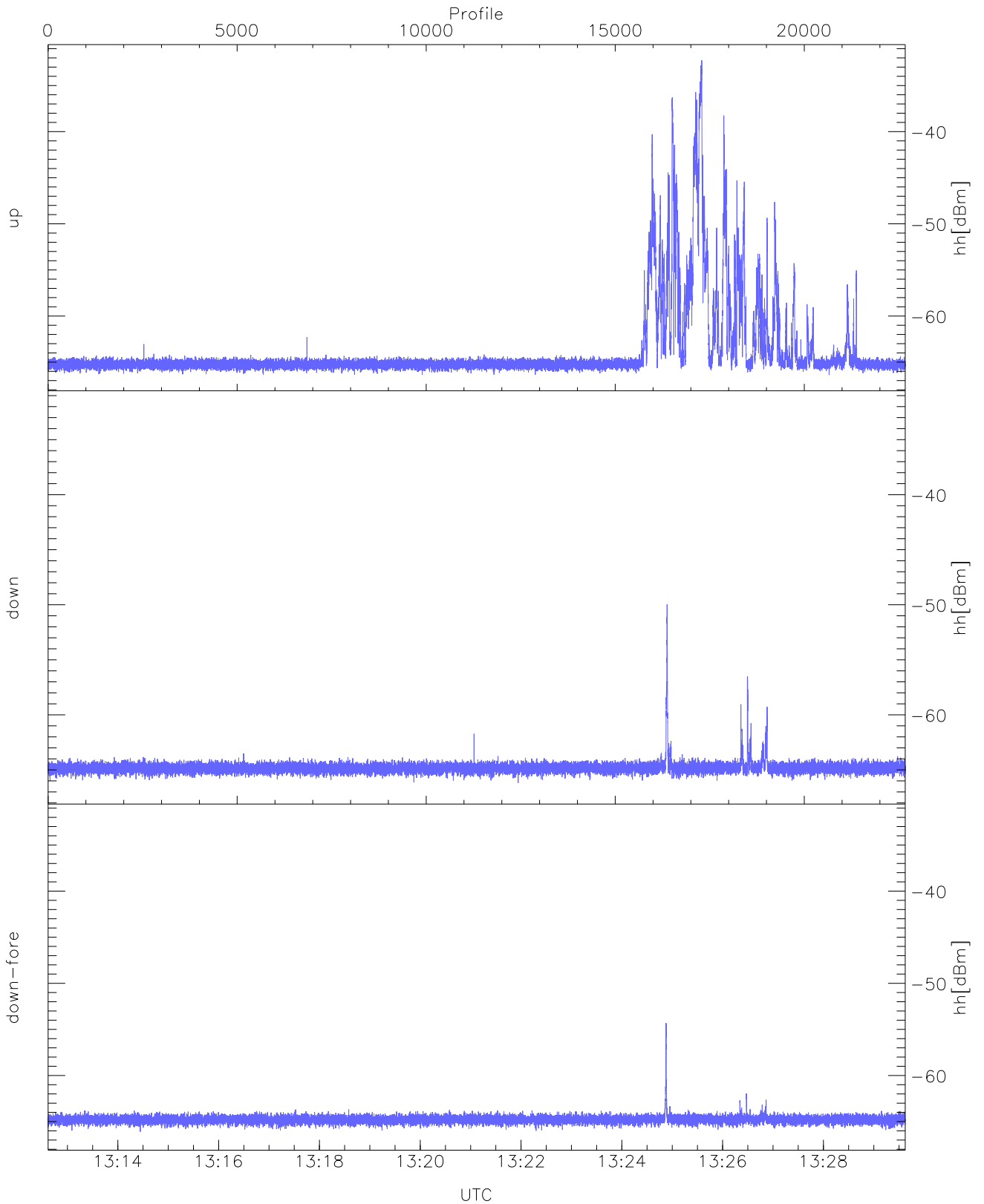
WCR3 CPP Averaged Received power for all recorded gates
blue: 131237-132107, 11337 profiles averaged
red: 132107-132937, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 131237-132107, 11337 profiles averaged
red: 132107-132937, 11336 profiles averaged

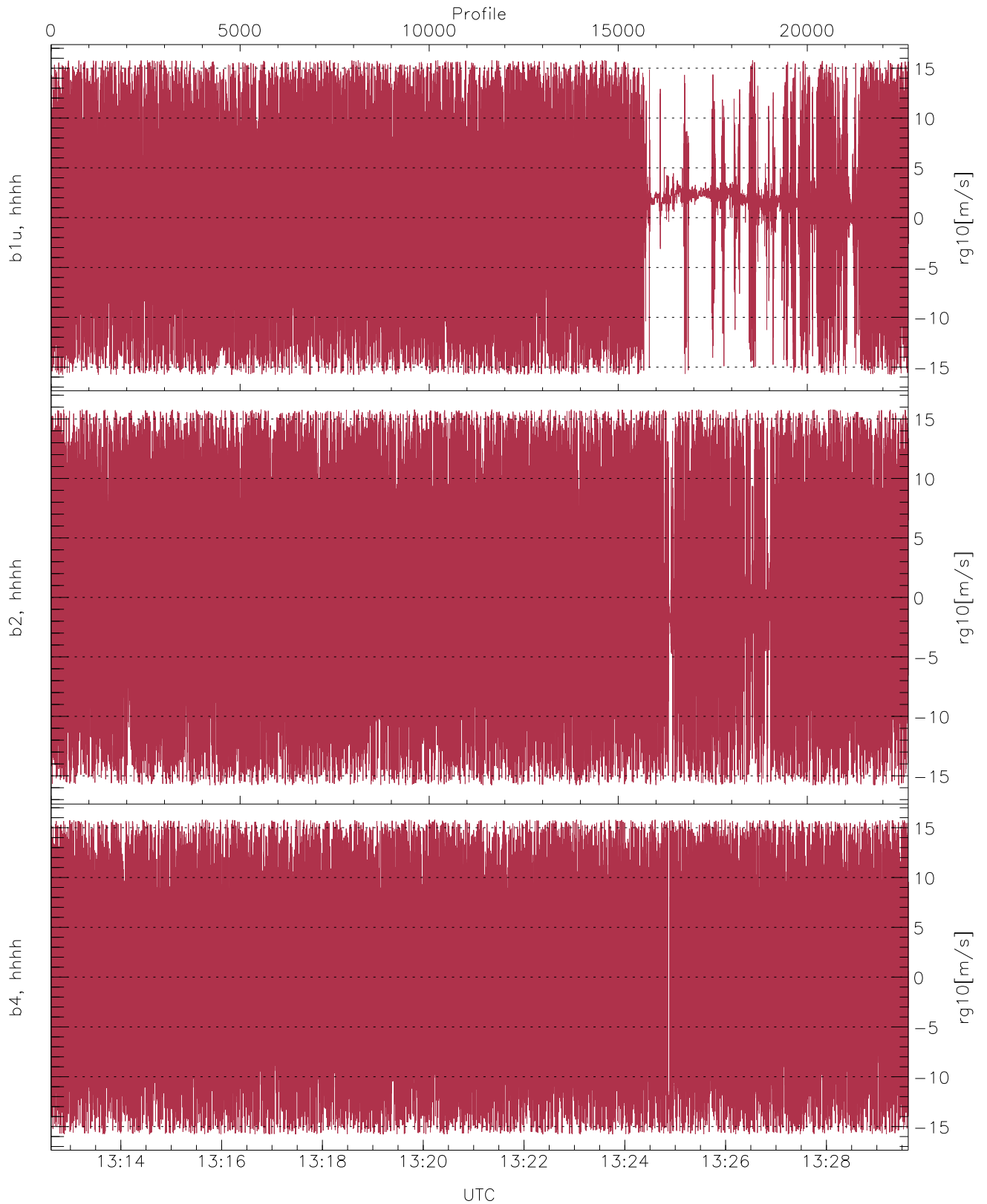


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

	Min	Max	Mean
up(hh[dBm])	-66.40	-32.26	-56.19
down(hh[dBm])	-66.19	-49.98	-64.73
down-fore(hh[dBm])	-66.10	-54.31	-64.75



WCR3 CPP Doppler Velocity Products at 255.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg10[m/s])	-15.78	15.79	0.34	7.77
b2, hhhh(rg10[m/s])	-15.79	15.79	-0.07	8.74
b4, hhhh(rg10[m/s])	-15.78	15.79	0.02	8.81