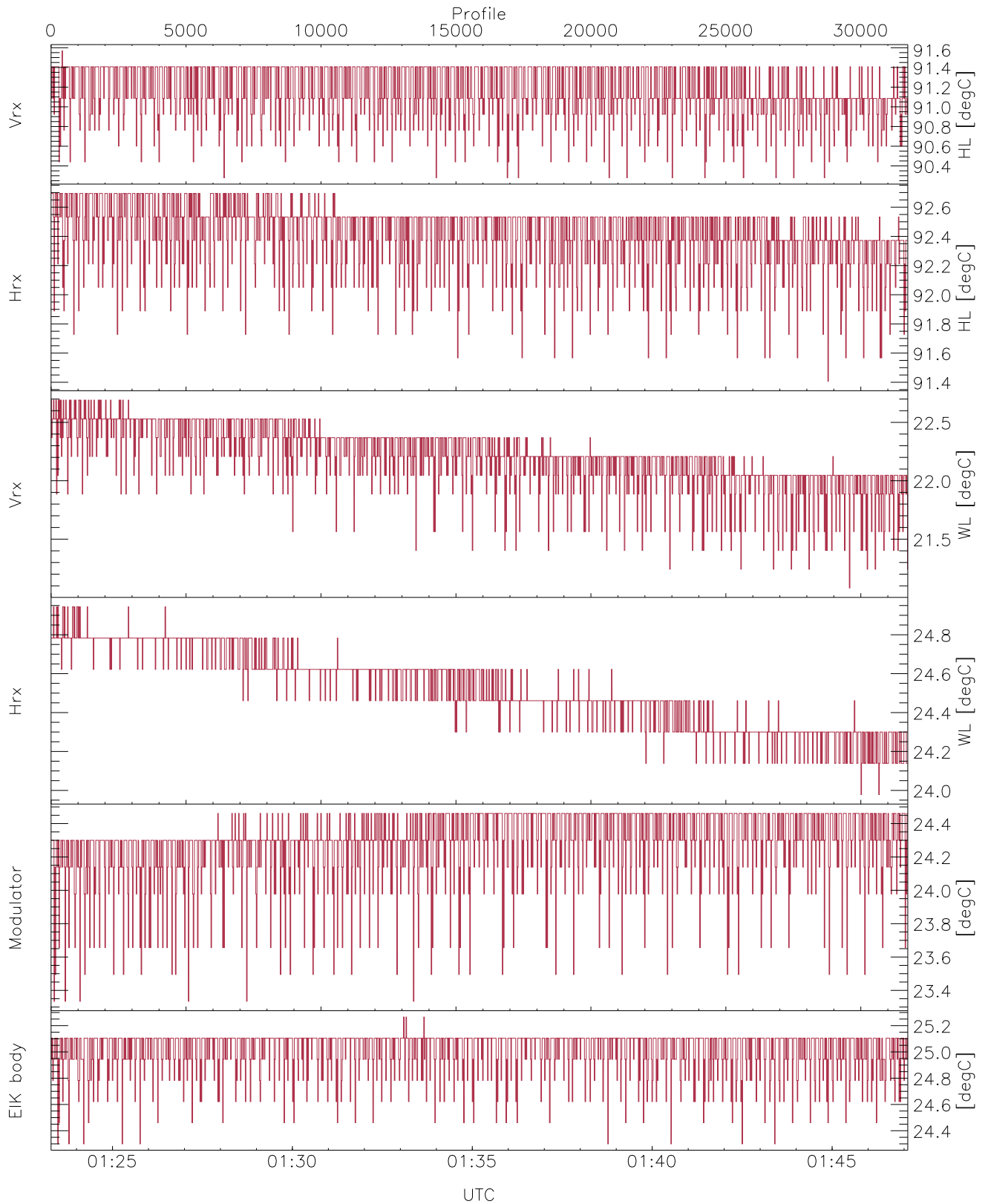


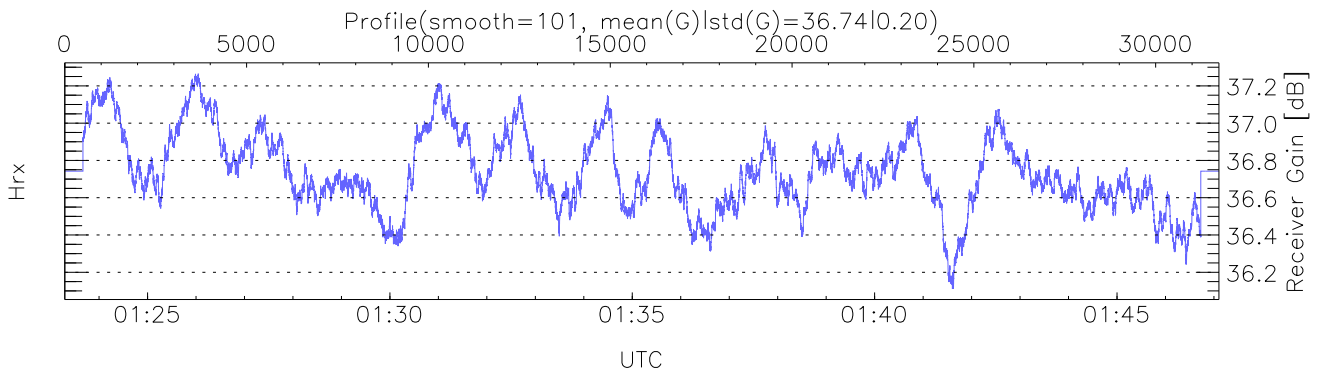
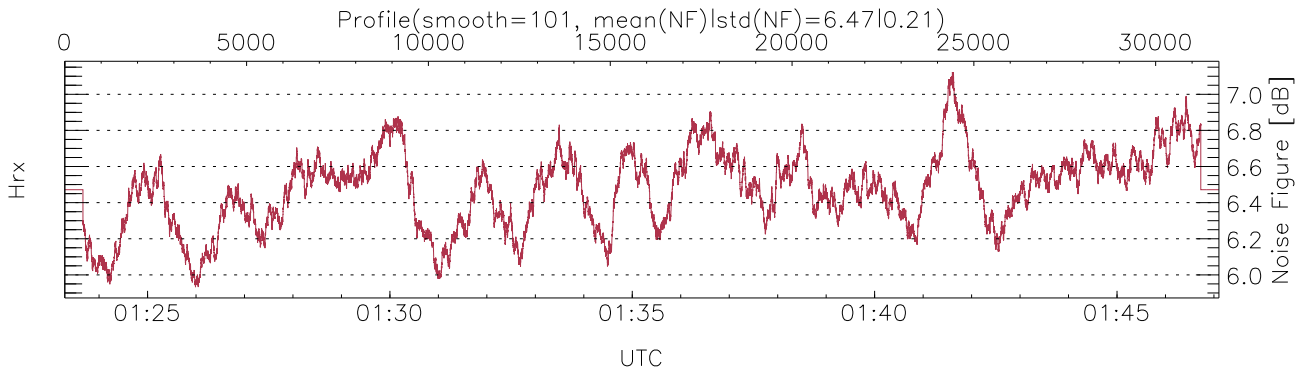
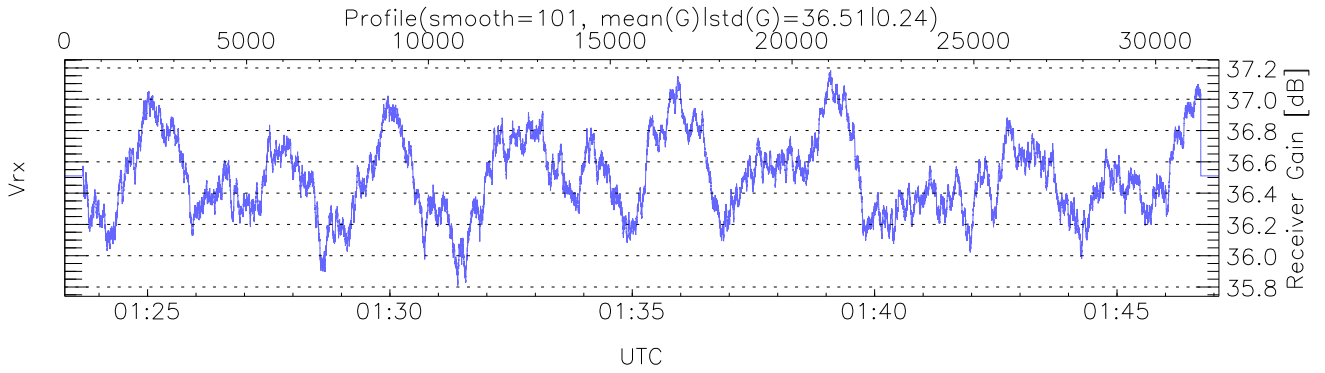
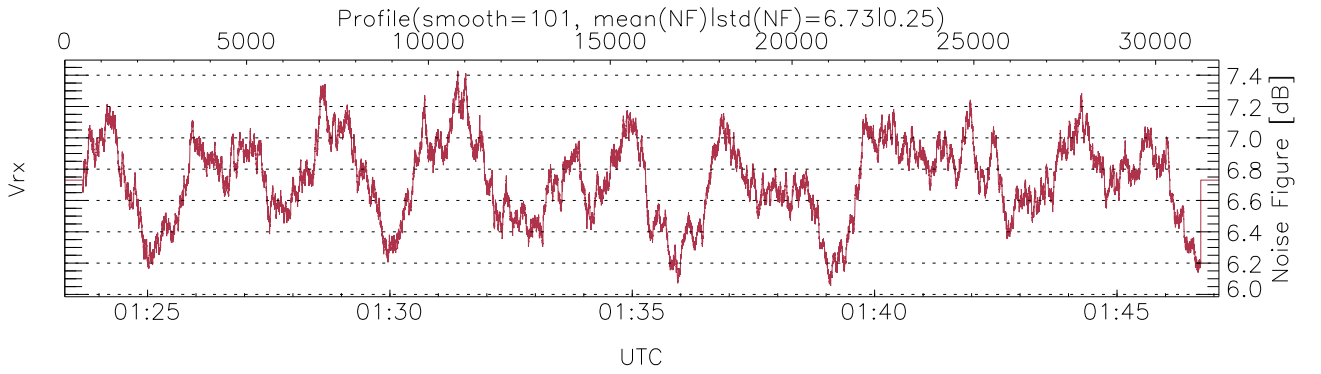
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 01:23:18-01:47:06, TimeCor: 0.00s, Dur: 1428.66s
 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): 31741/31741, 0-31740/01:23:18-01:47:06
 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



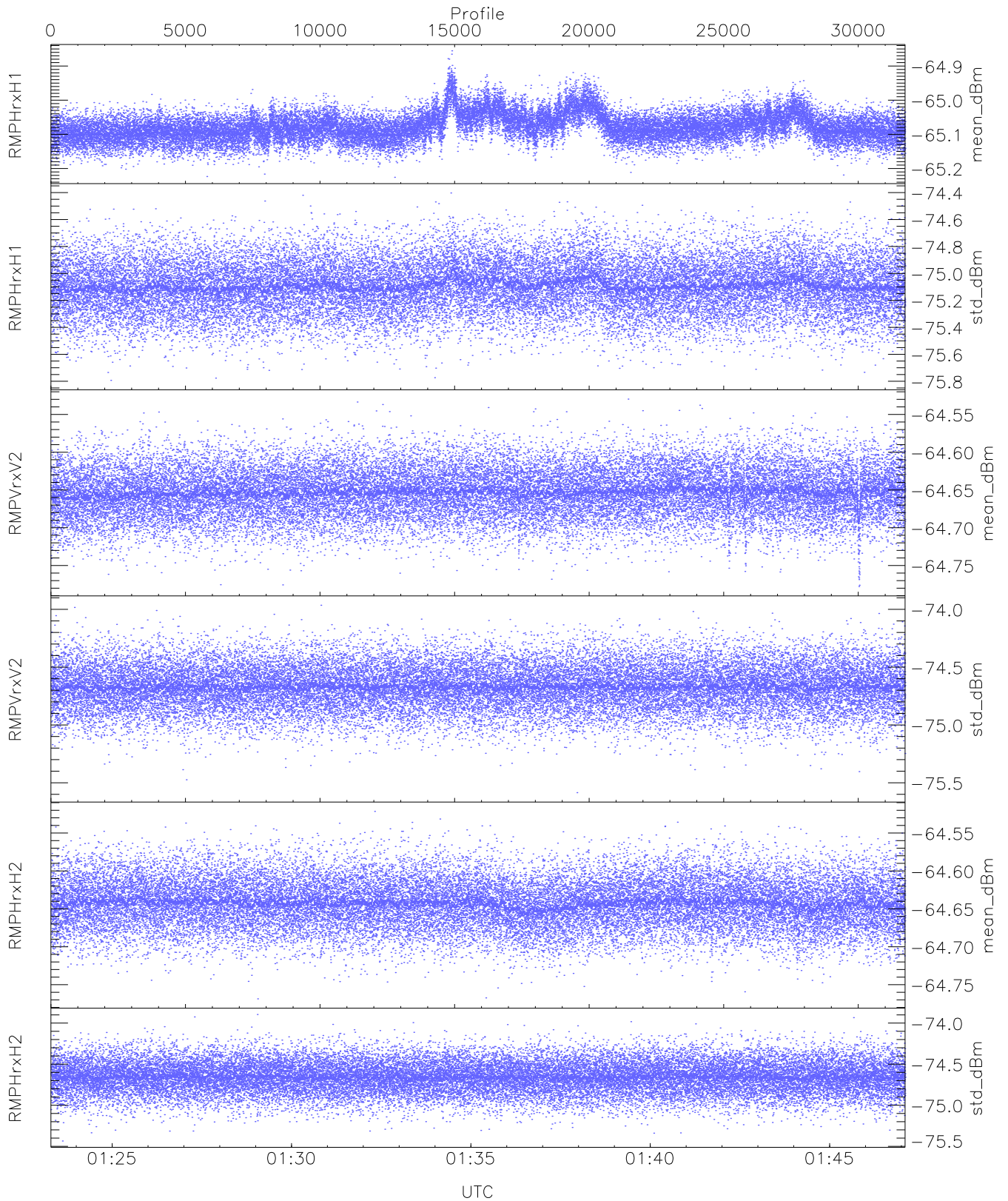
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

```
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,21,23,23,24
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,22,24,24,25
LOalarm(20,240,2817,14861 MHz): 0,0,66,0
EIK Faults(# prof affected):
  BodyCurr,DeckF,OverDuty,HVPS (46,68,24,24)
```



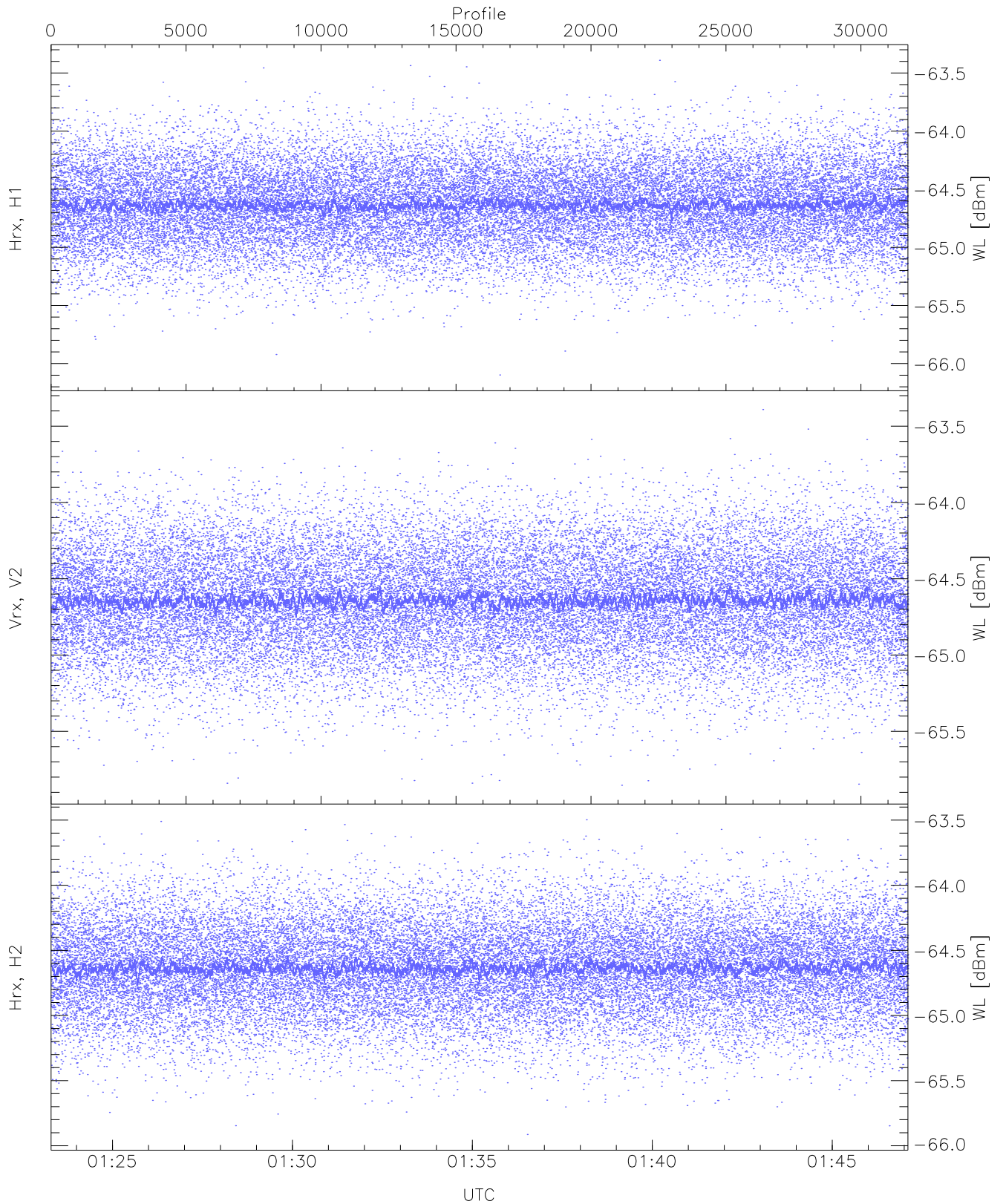
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 2 pixs, 1 gates, 2 profs, 1 prod(s)



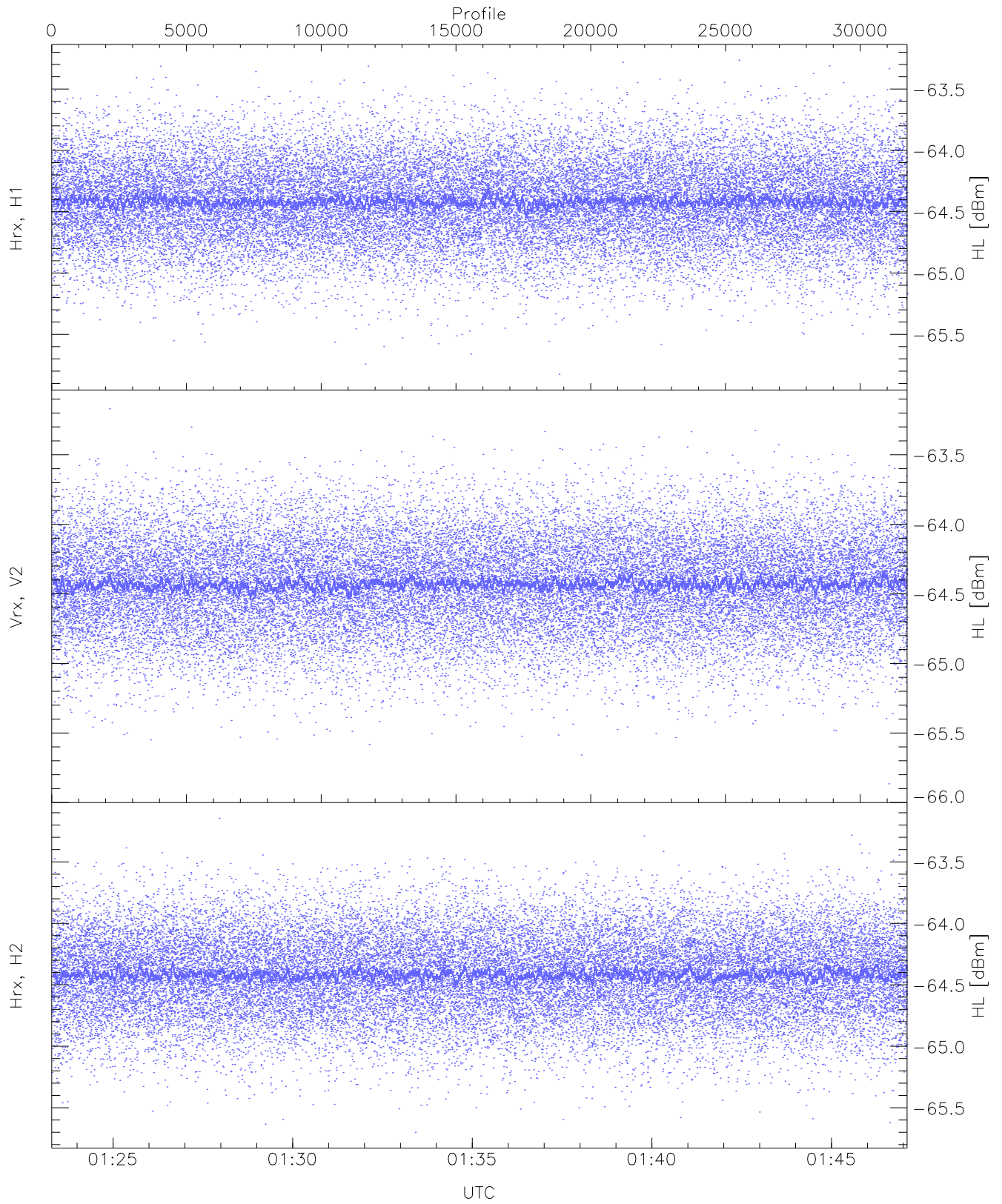
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.23	-64.86	-65.08	-65.08	-85.46
RMPHrxH1(std_dBm)	-75.79	-74.40	-75.09	-75.10	-88.87
RMPVrxV2(mean_dBm)	-64.78	-64.53	-64.65	-64.65	-86.18
RMPVrxV2(std_dBm)	-75.59	-73.96	-74.67	-74.67	-88.43
RMPHrxH2(mean_dBm)	-64.77	-64.52	-64.64	-64.64	-86.23
RMPHrxH2(std_dBm)	-75.44	-73.90	-74.66	-74.66	-88.44



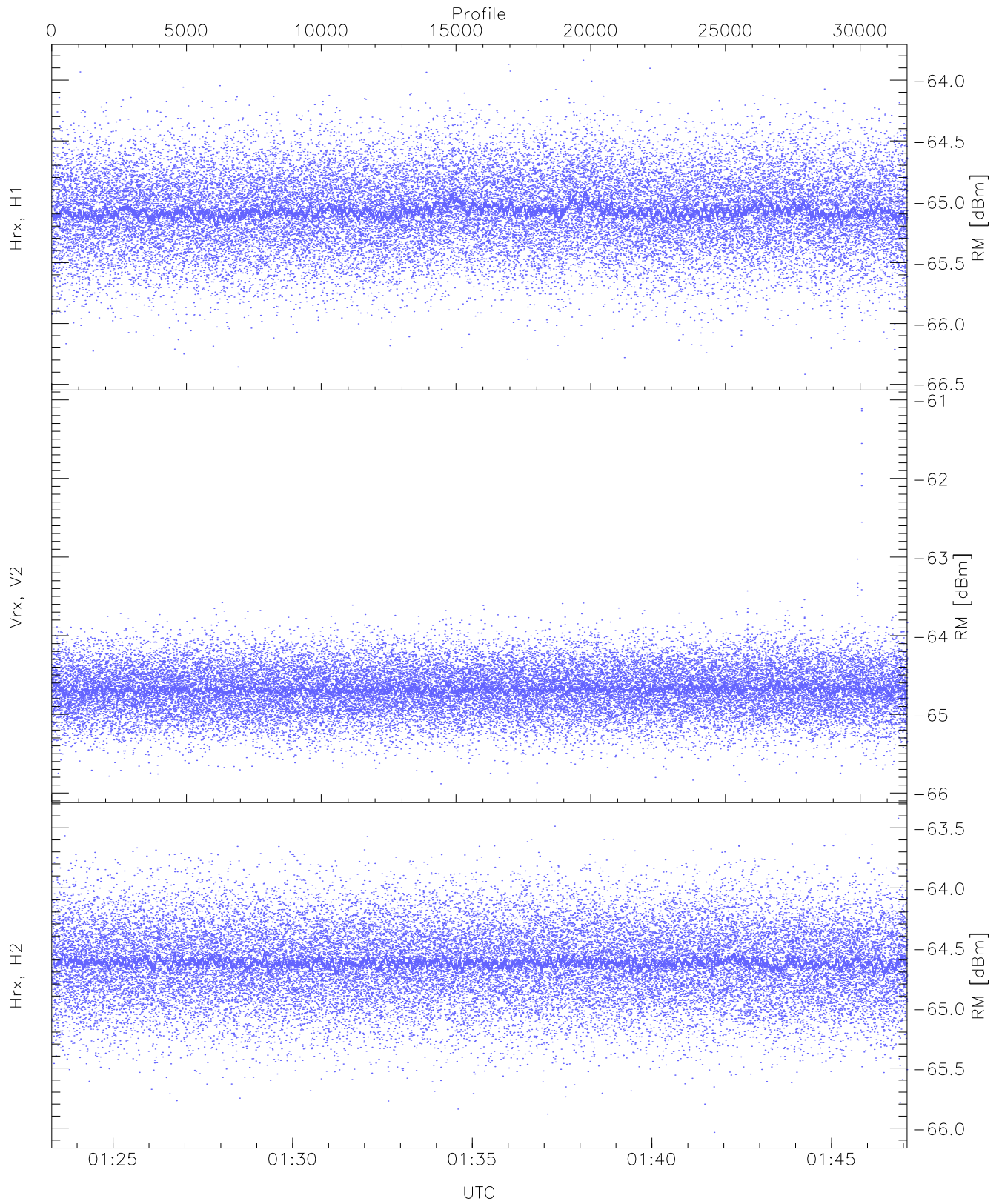
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.10	-63.39	-64.63	-64.64	-76.11
Vrx, V2 (WL [dBm])	-65.85	-63.39	-64.64	-64.64	-76.18
Hrx, H2 (WL [dBm])	-65.91	-63.50	-64.63	-64.63	-76.13



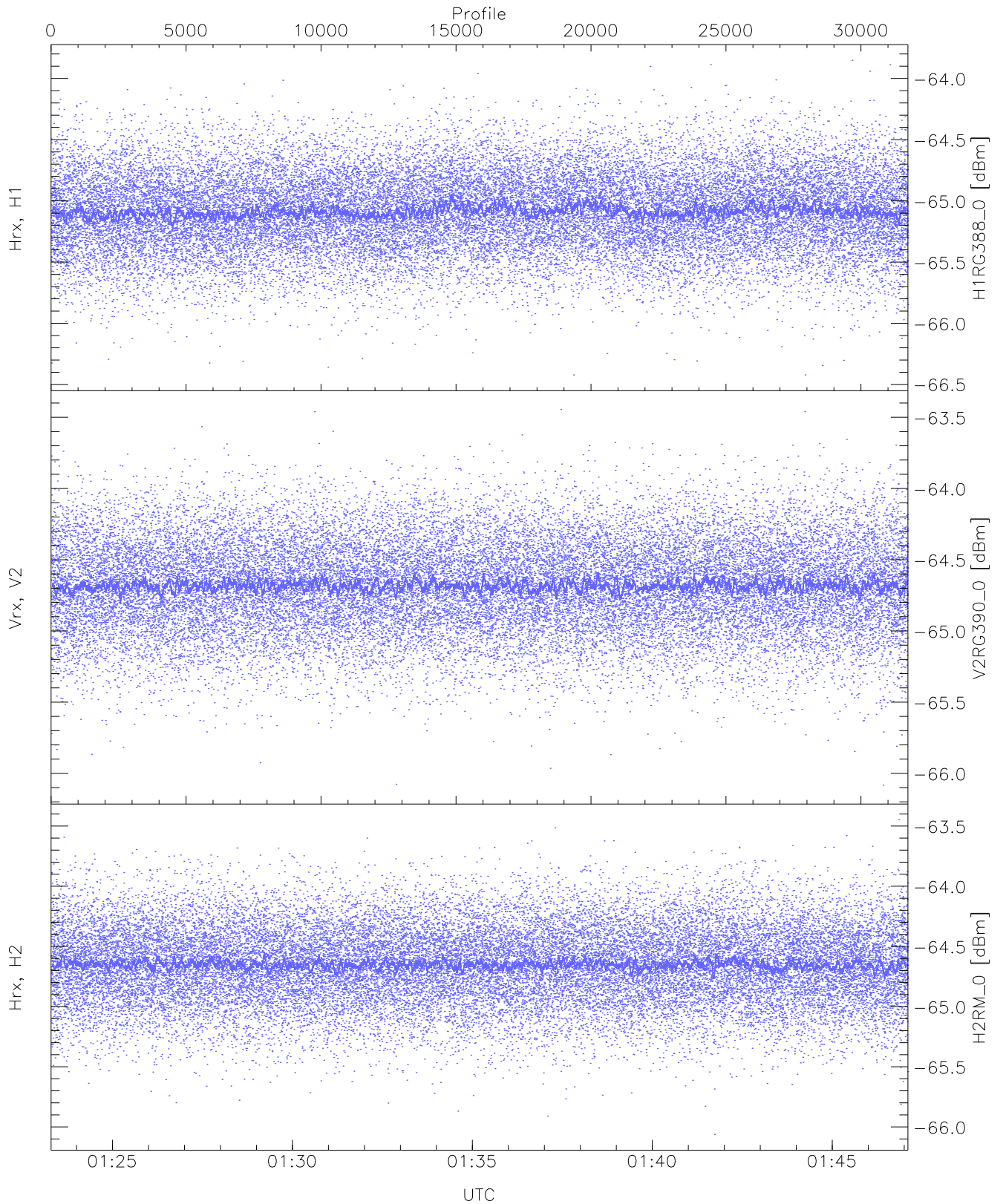
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.83	-63.26	-64.41	-64.42	-75.92
Vrx, V2 (HL [dBm])	-65.87	-63.17	-64.42	-64.43	-75.92
Hrx, H2 (HL [dBm])	-65.70	-63.14	-64.41	-64.42	-75.89



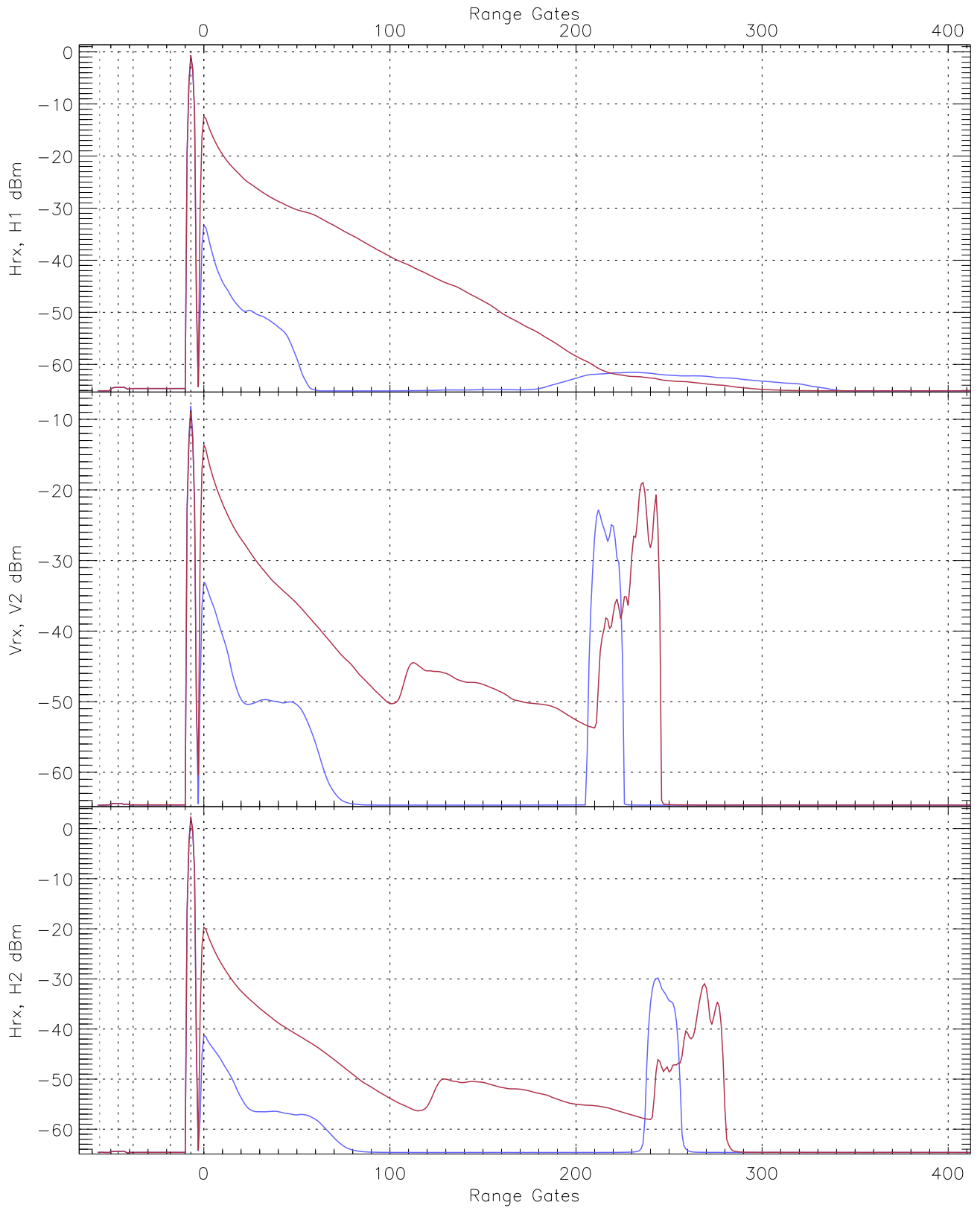
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.42	-63.84	-65.07	-65.08	-76.57
Vrx, V2 (RM [dBm])	-65.88	-61.11	-64.68	-64.68	-76.09
Hrx, H2 (RM [dBm])	-66.04	-63.42	-64.62	-64.62	-76.13

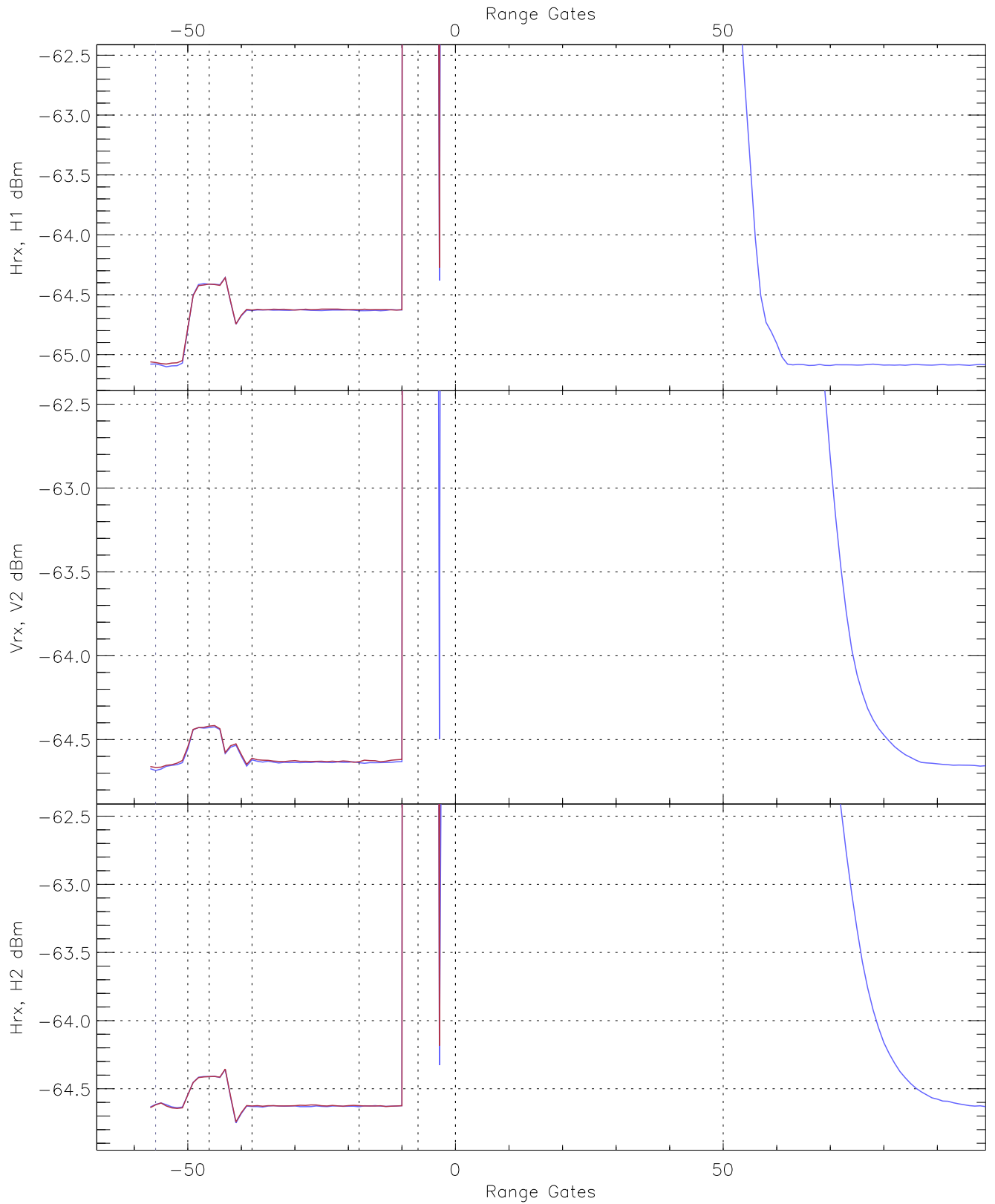


WCR3 CPP "Best" estimate Receivers Noise Power

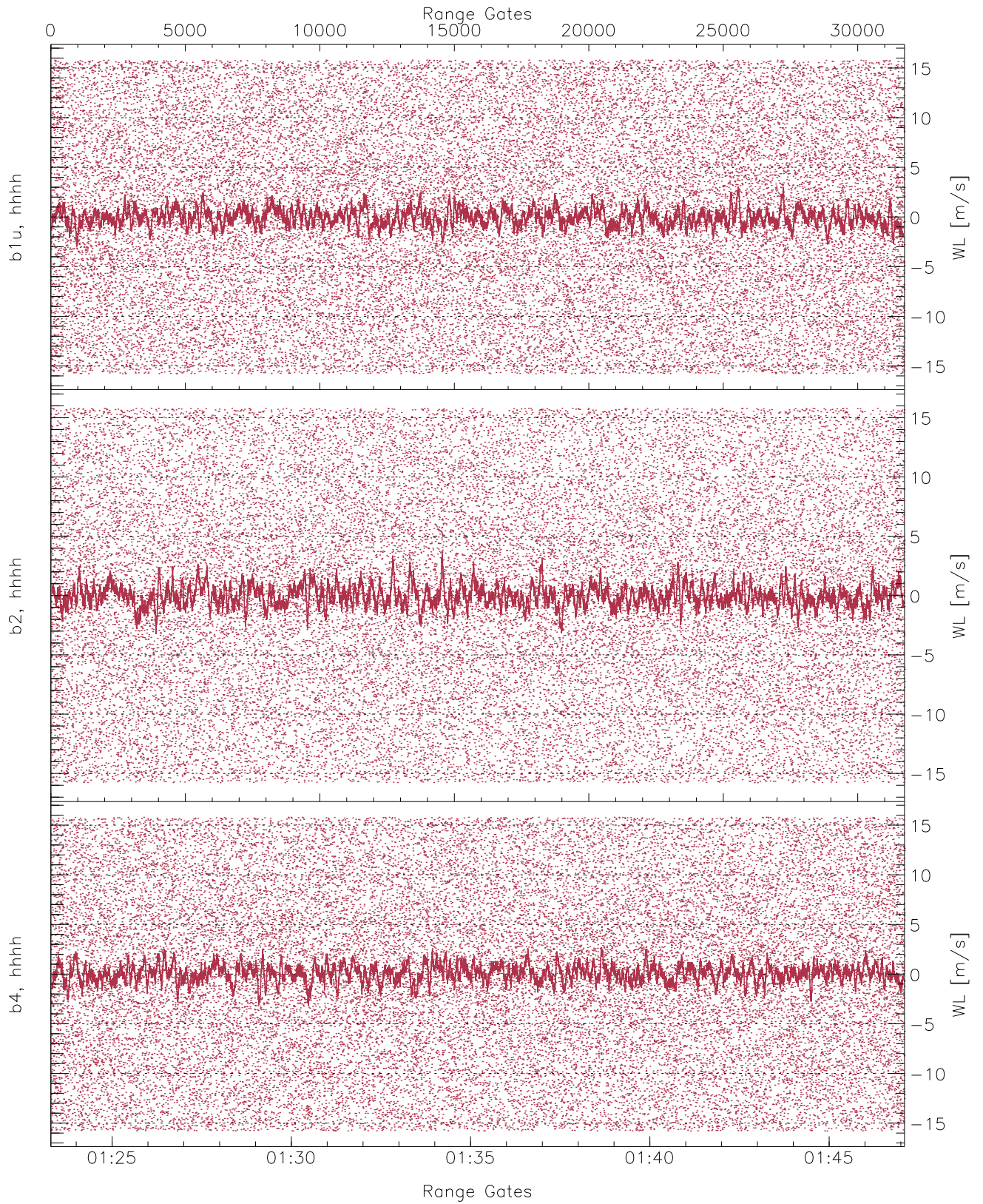
	Min	Max	Mean	Median	StDev
H1RG388_0 [dBm]	-66.42	-63.85	-65.08	-65.09	-76.57
V2RG390_0 [dBm]	-66.08	-63.45	-64.68	-64.68	-76.18
H2RM_0 [dBm]	-66.06	-63.45	-64.64	-64.65	-76.16



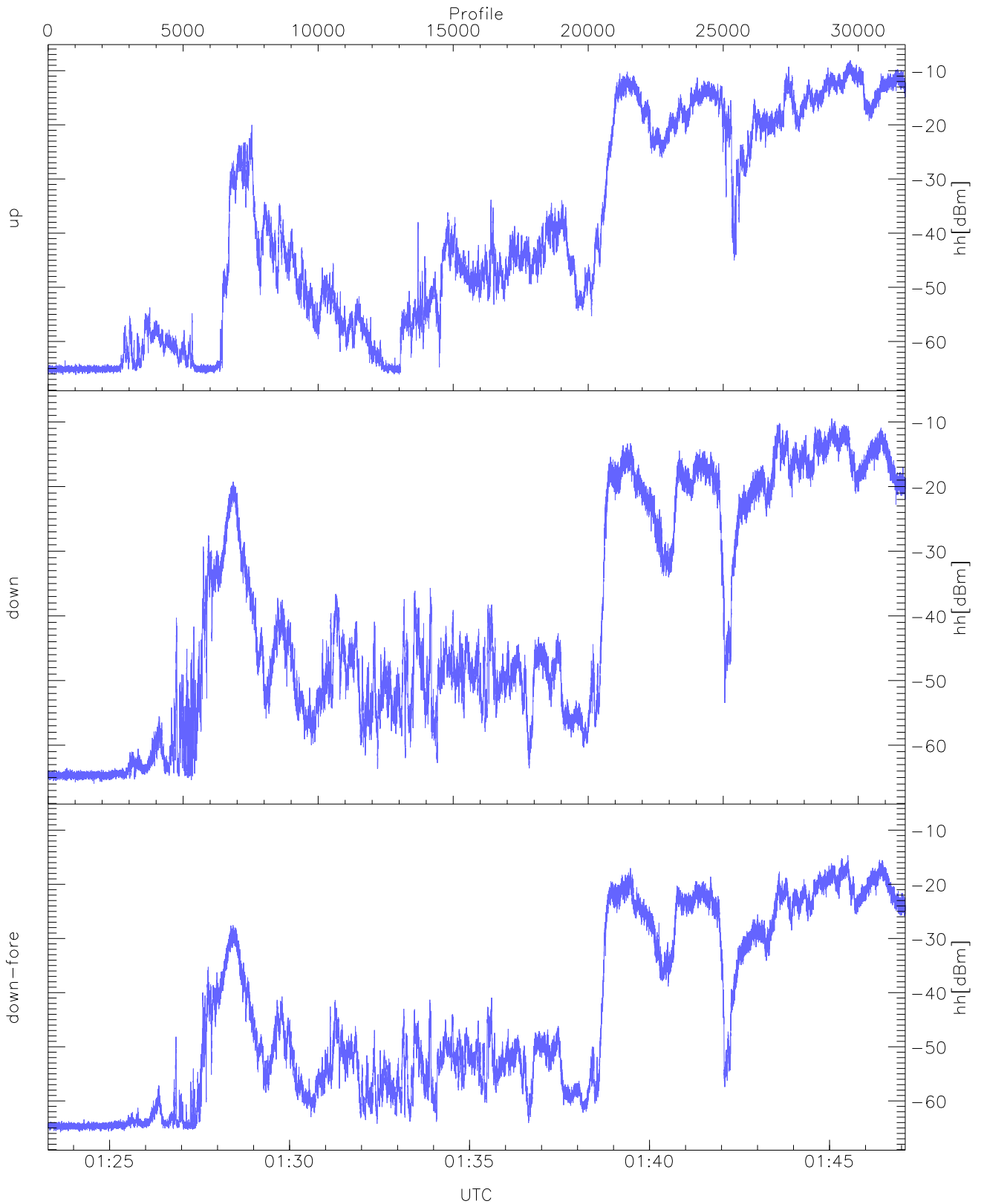
WCR3 CPP Averaged Received power for all recorded gates
blue: 012318-013512, 15871 profiles averaged
red: 013512-014706, 15871 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 012318-013512, 15871 profiles averaged
red: 013512-014706, 15871 profiles averaged

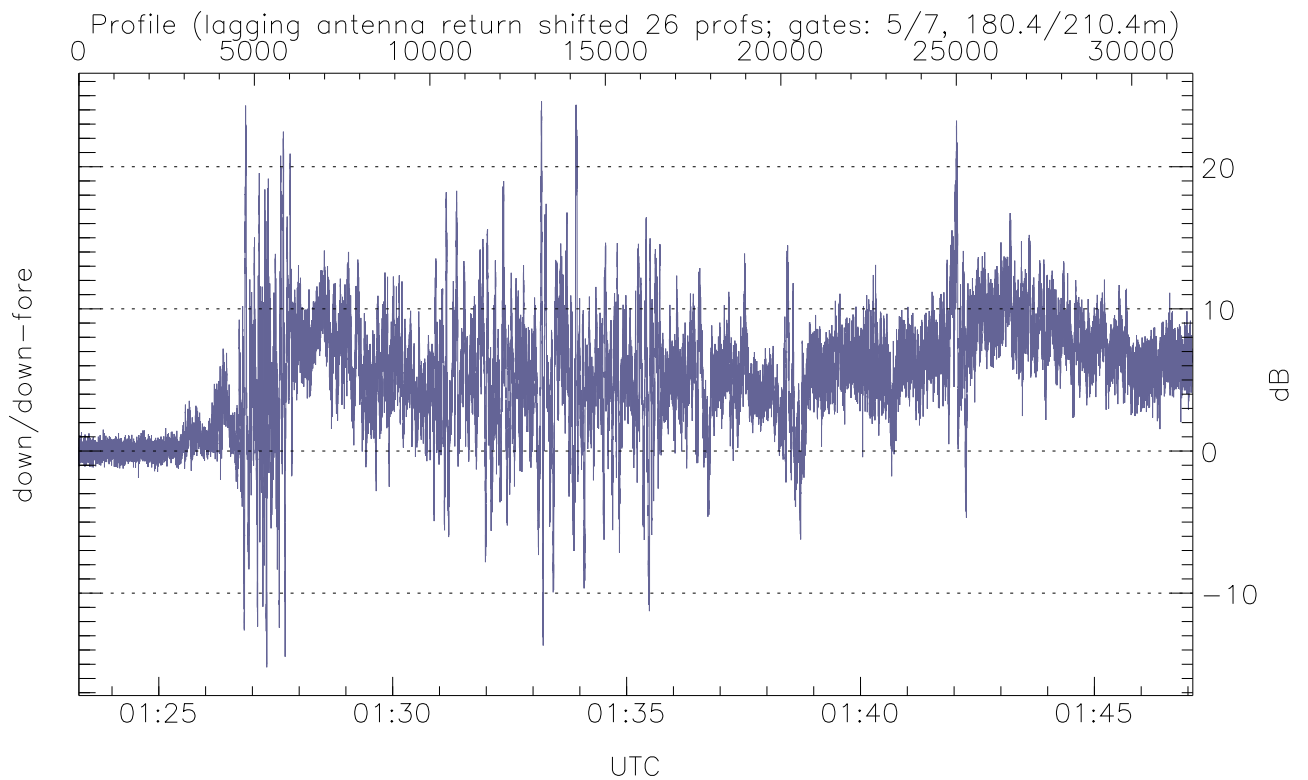
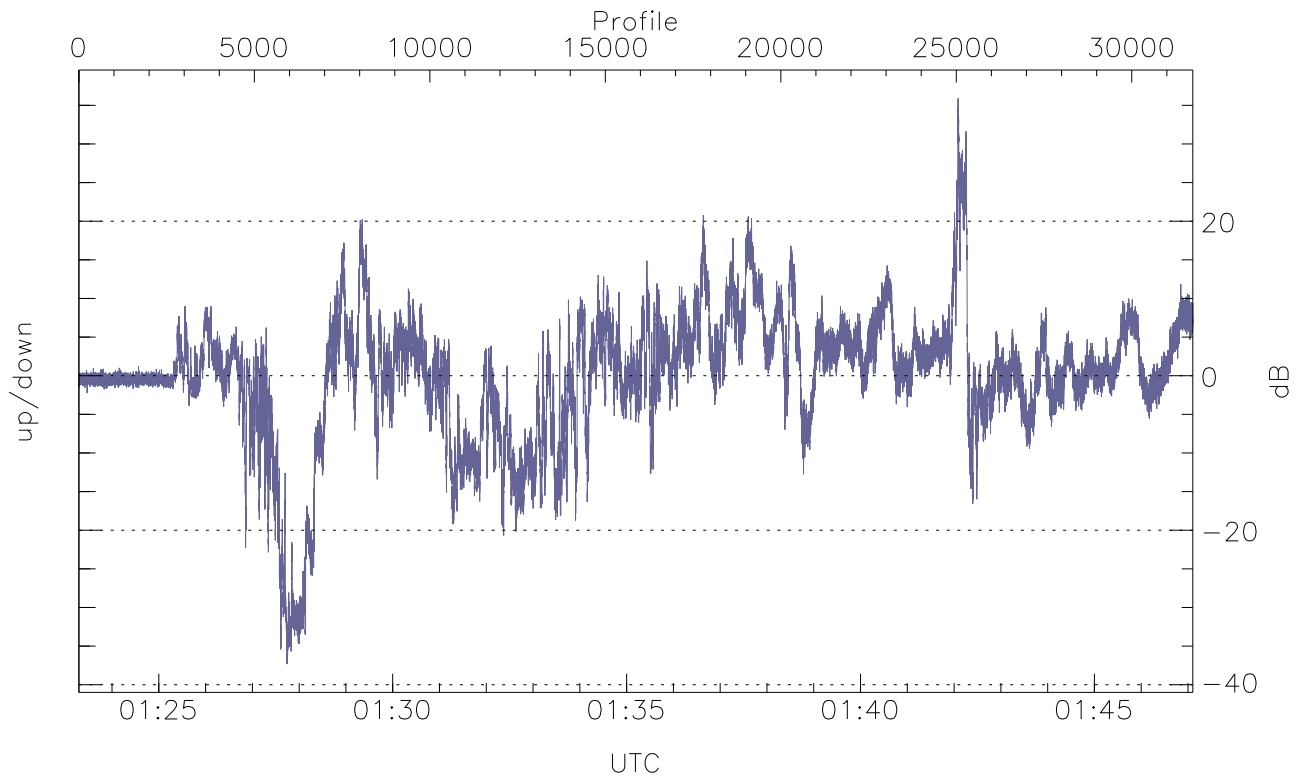


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



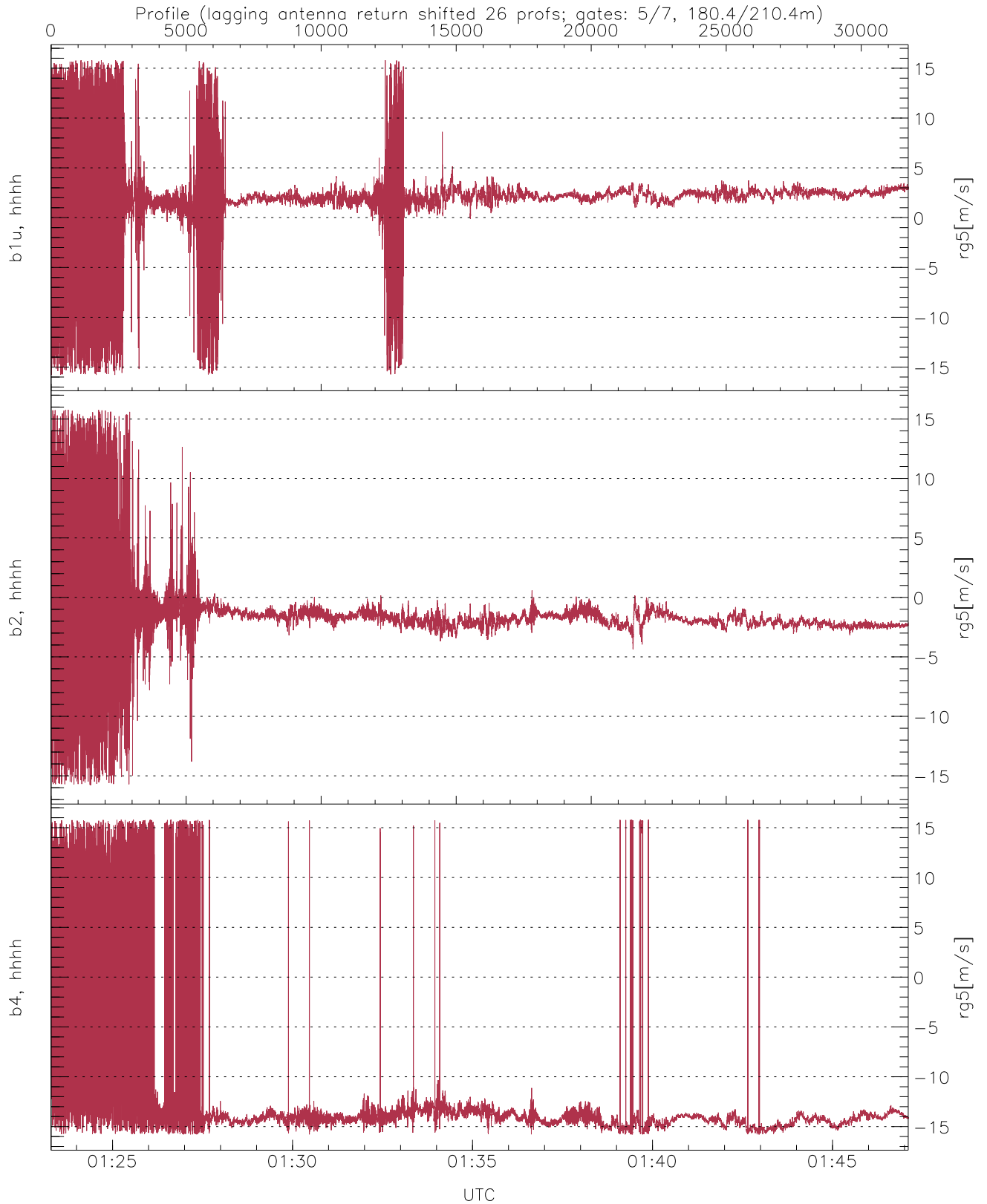
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.20	-8.08	-19.40
down(hh[dBm])	-65.94	-9.47	-21.20
down-fore(hh[dBm])	-65.78	-14.64	-26.77



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

	Min	Max	Mean
up/down (dB)	-37.33	35.91	0.03
down/down-fore (dB)	-15.21	24.59	5.20



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	1.88	3.13
b2, hhhh(rg5[m/s])	-15.78	15.77	-1.57	2.60
b4, hhhh(rg5[m/s])	-15.79	15.79	-12.17	6.29