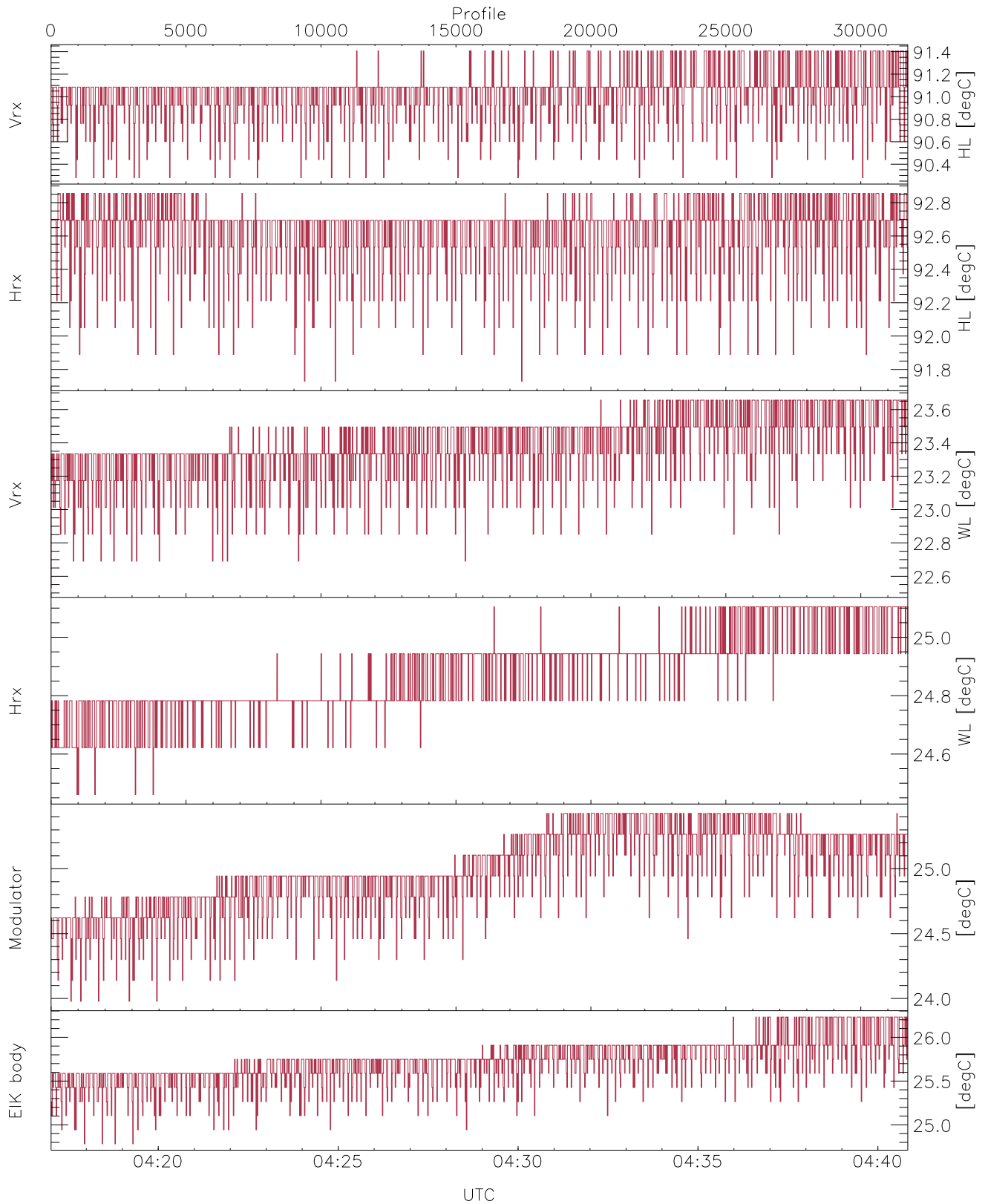


WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

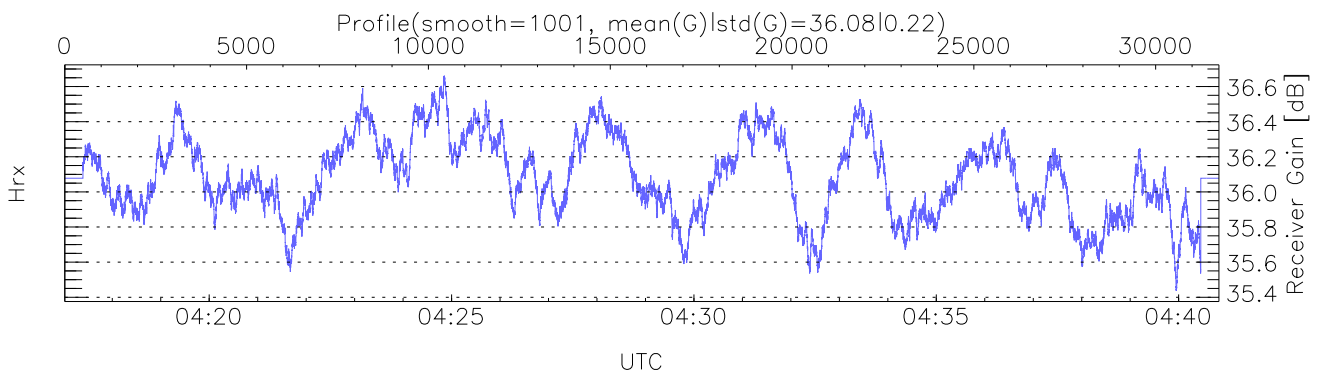
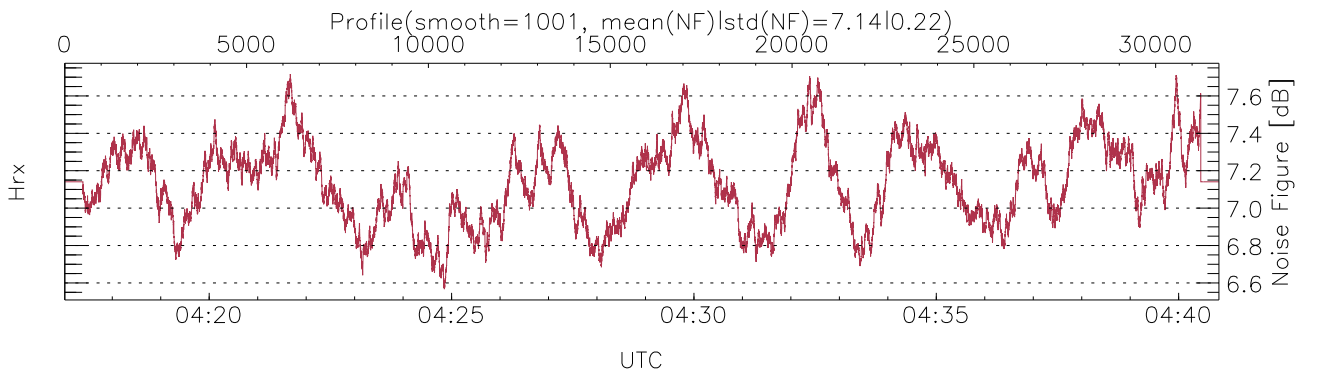
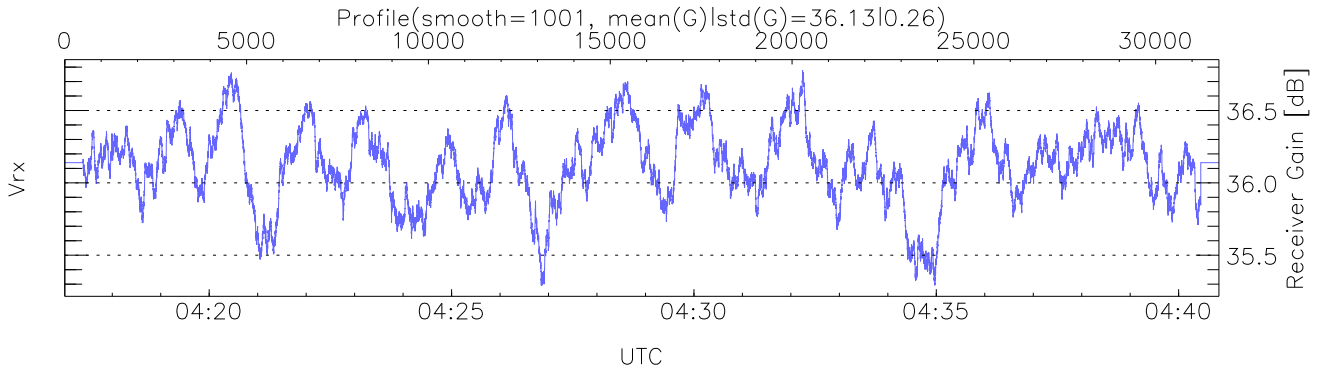
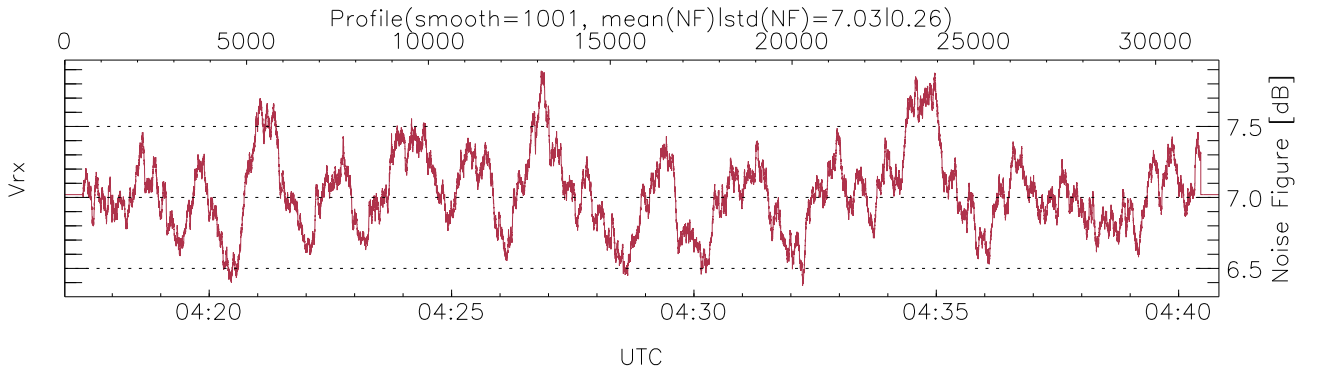
UTC: 04:17:01-04:40:50, TimeCor: 0.00s, Dur: 1428.66s
 TimeFlg: 1, TFPstatus constant.
 TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
 NumRec(r/t): 31741/31741, 0-31740/04:17:01-04:40:50
 AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
 Pulse: 250ns, IFF: 4.0MHz, 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

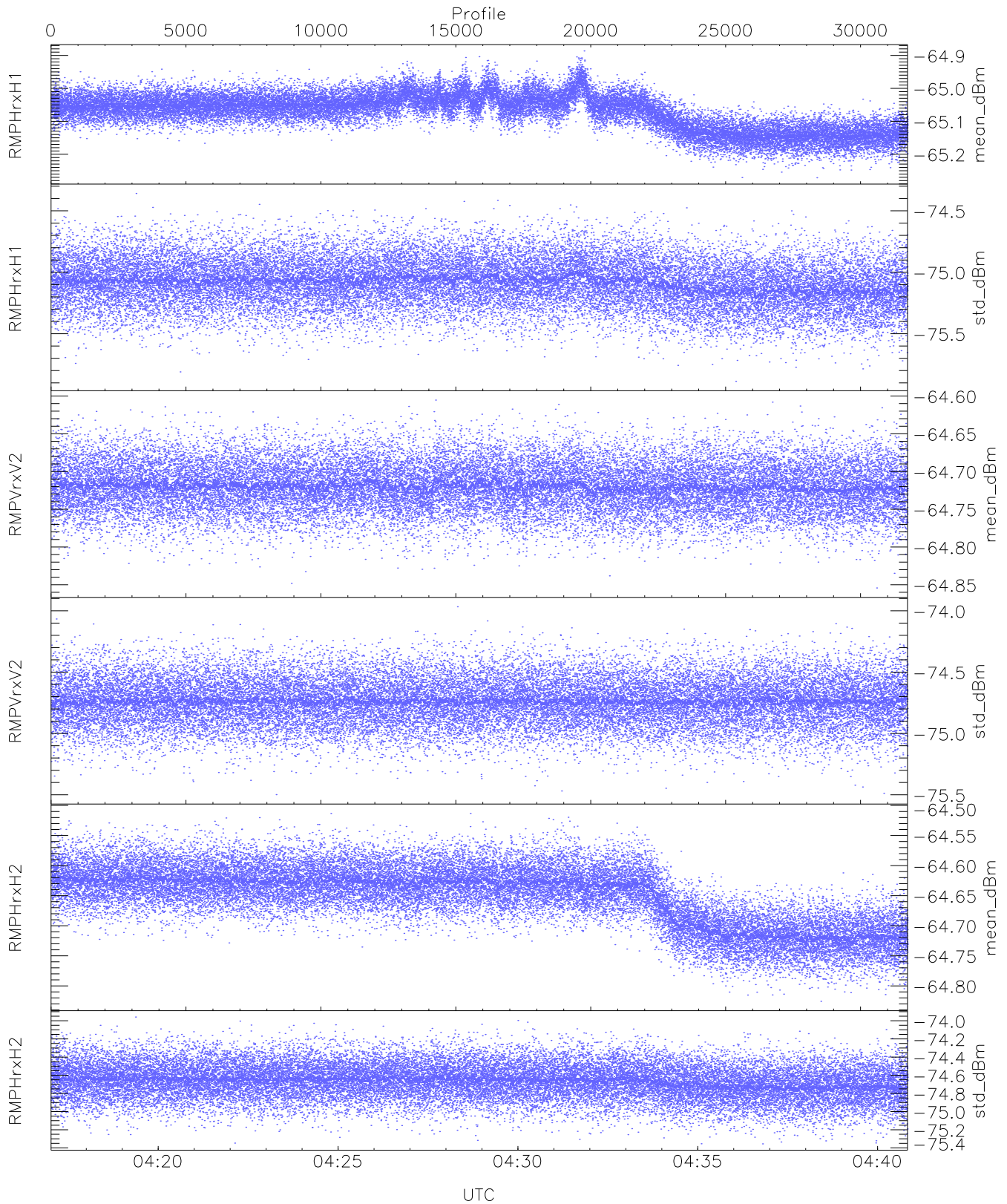
```

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,22,24,23,24
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,23,25,25,26
LOalarm(20,240,2817,14861 MHz): 0,0,22,0
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,Fault2,DeckF,OverDuty,HVPS,Fault1 (46,46,46,46,46,46,46)
    
```



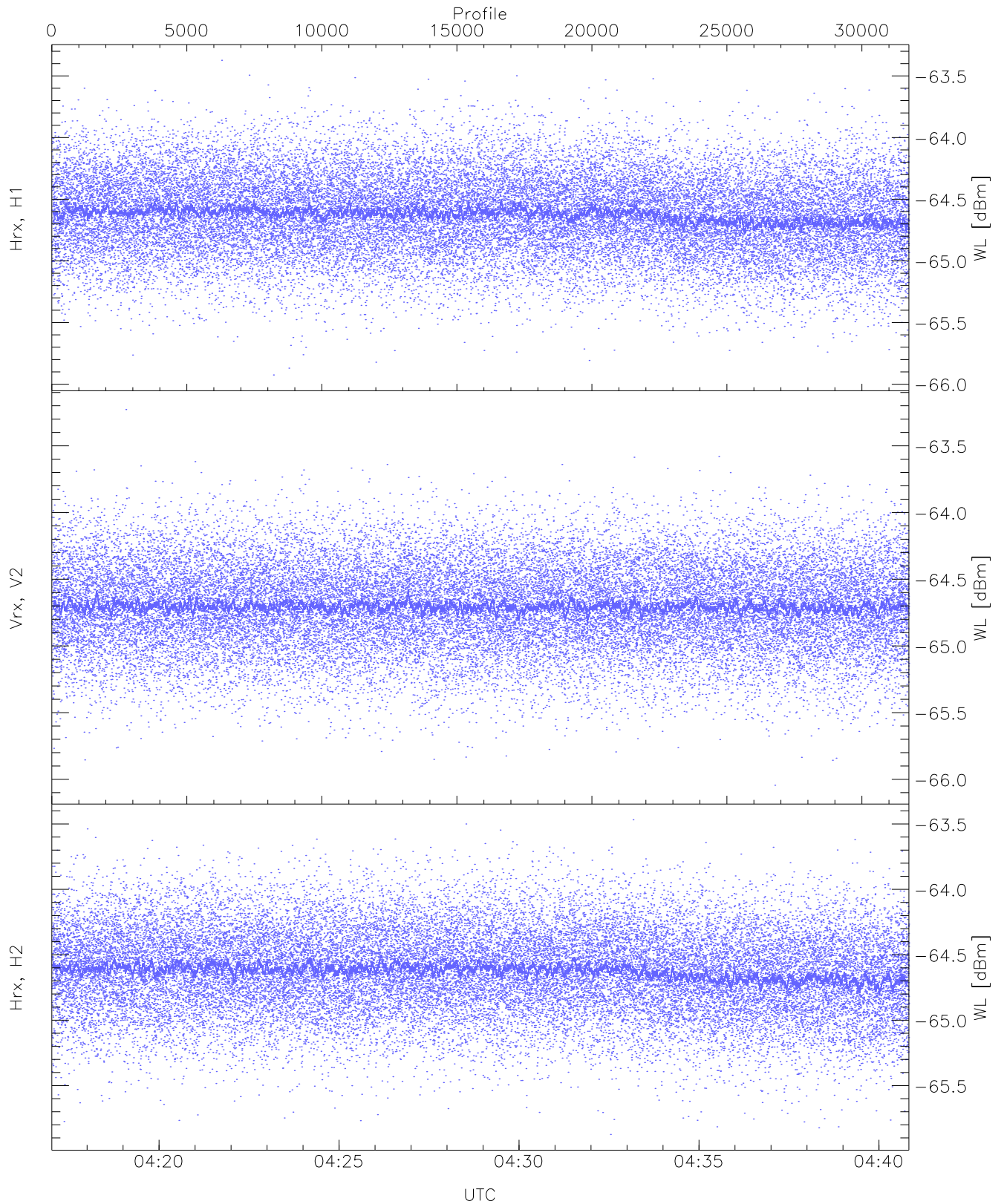
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 60 pixs, 3 gates, 57 profs, 1 prod(s)



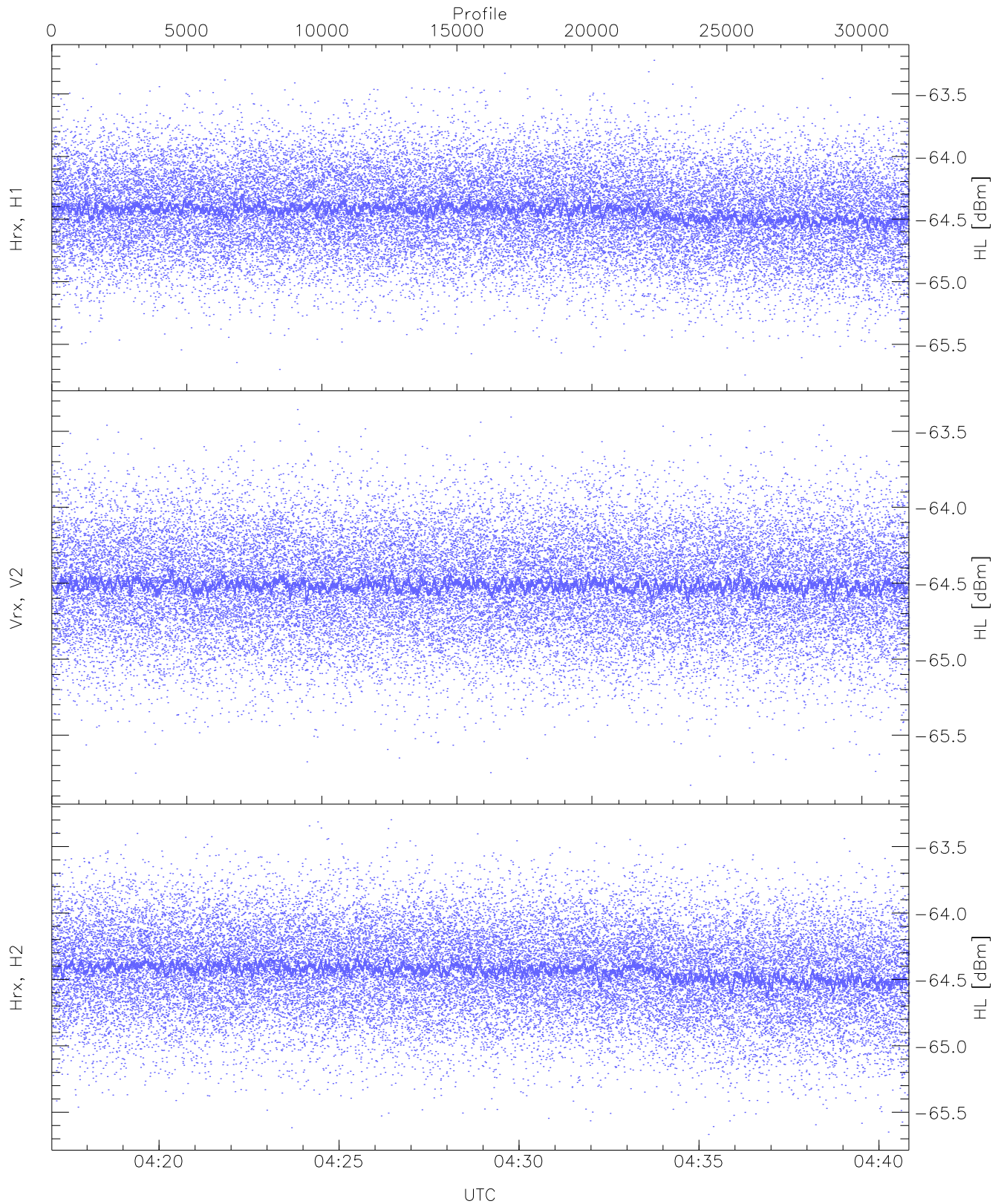
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.27	-64.89	-65.07	-65.06	-84.09
RMPHrxH1(std_dBm)	-75.89	-74.36	-75.08	-75.09	-88.75
RMPVrxV2(mean_dBm)	-64.85	-64.61	-64.72	-64.72	-86.24
RMPVrxV2(std_dBm)	-75.50	-73.97	-74.74	-74.74	-88.51
RMPHrxH2(mean_dBm)	-64.83	-64.51	-64.65	-64.64	-84.05
RMPHrxH2(std_dBm)	-75.36	-73.96	-74.67	-74.67	-88.37



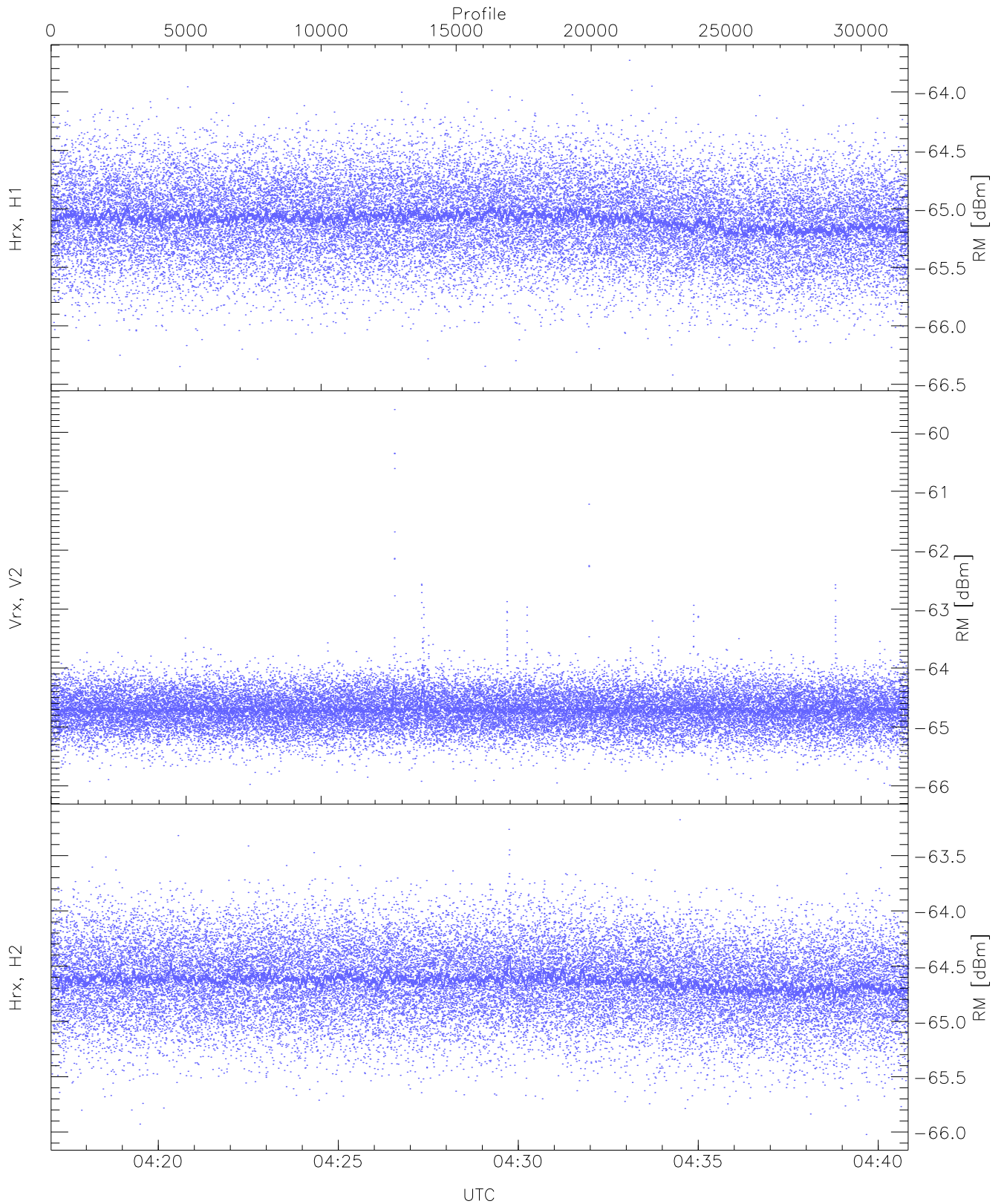
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.93	-63.37	-64.62	-64.63	-76.08
Vrx, V2 (WL [dBm])	-66.04	-63.23	-64.70	-64.71	-76.18
Hrx, H2 (WL [dBm])	-65.87	-63.47	-64.62	-64.63	-76.11



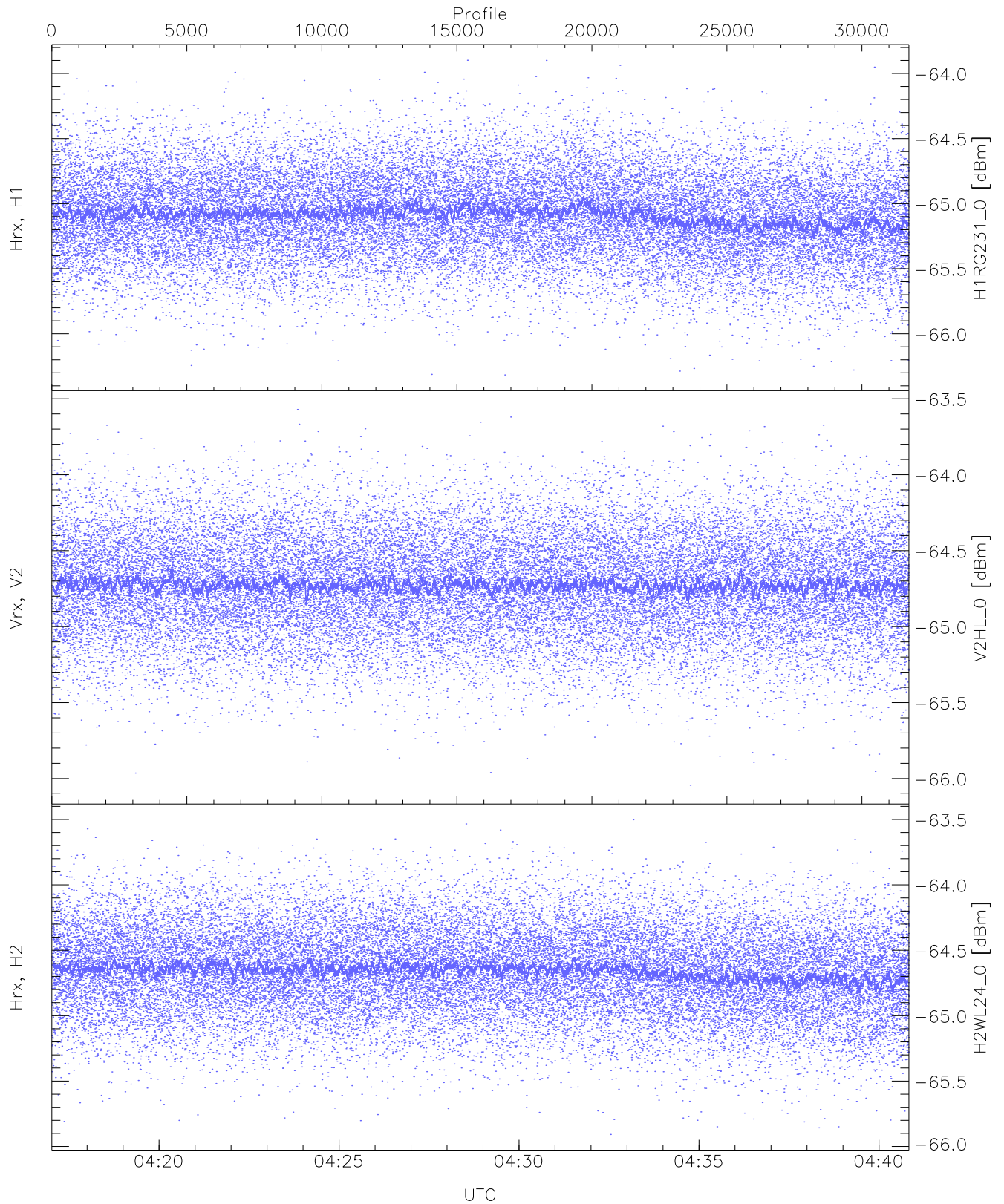
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.74	-63.23	-64.43	-64.44	-75.91
Vrx, V2 (HL [dBm])	-65.83	-63.36	-64.51	-64.51	-76.04
Hrx, H2 (HL [dBm])	-65.67	-63.30	-64.43	-64.44	-75.89



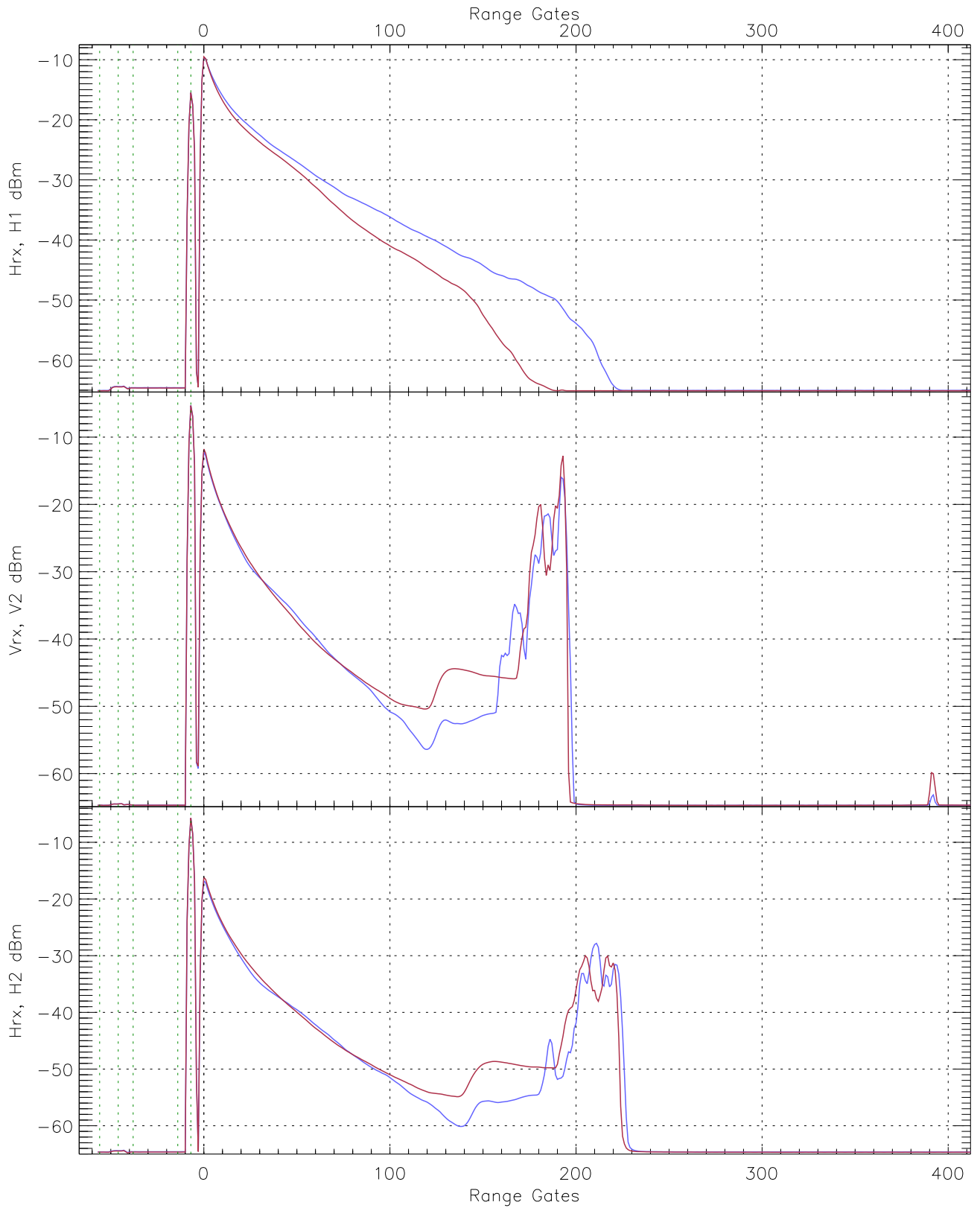
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.42	-63.73	-65.09	-65.09	-76.54
Vrx, V2 (RM [dBm])	-65.99	-59.61	-64.70	-64.71	-75.85
Hrx, H2 (RM [dBm])	-66.02	-63.18	-64.63	-64.64	-76.05

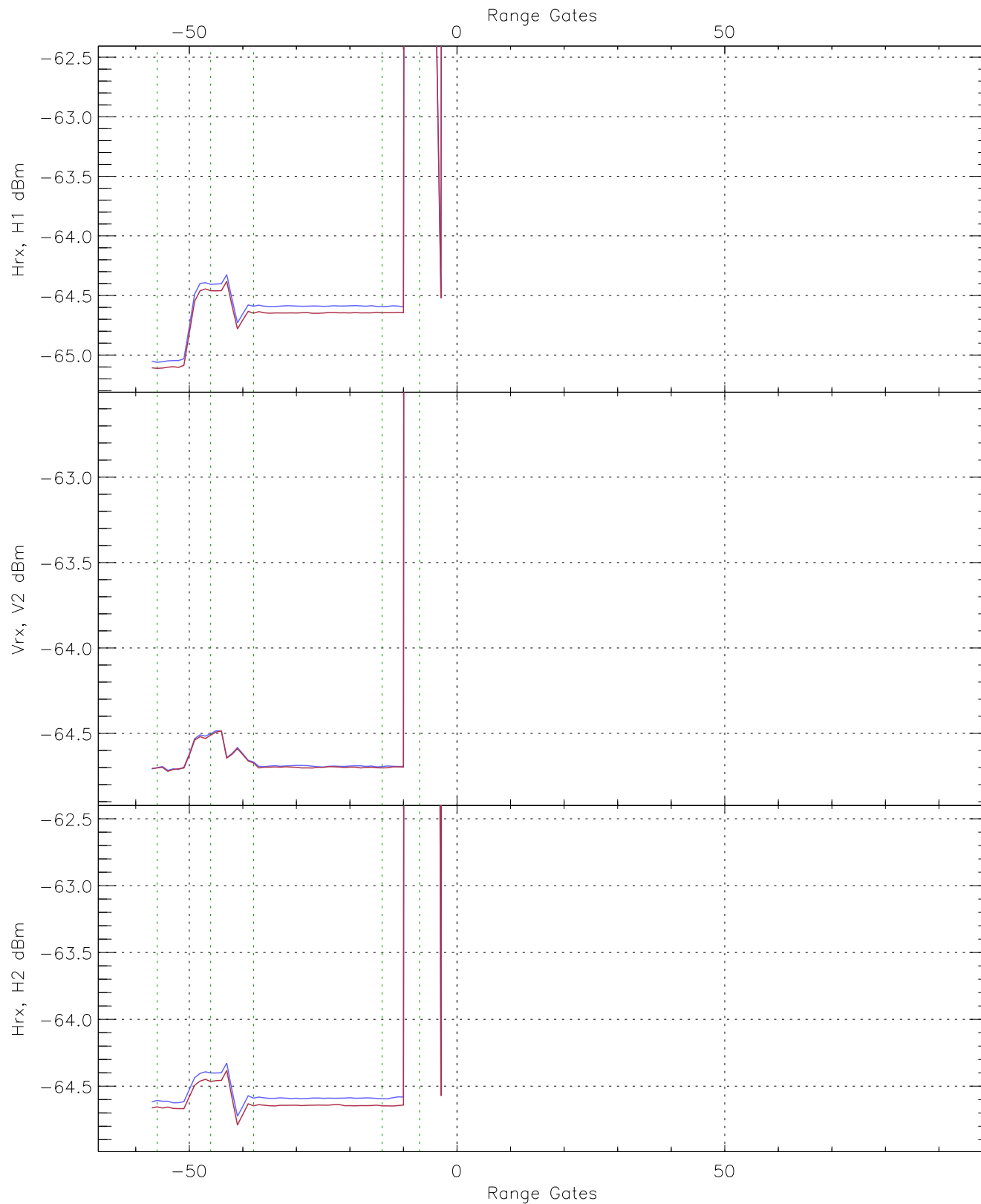


WCR3 CPP "Best" estimate Receivers Noise Power

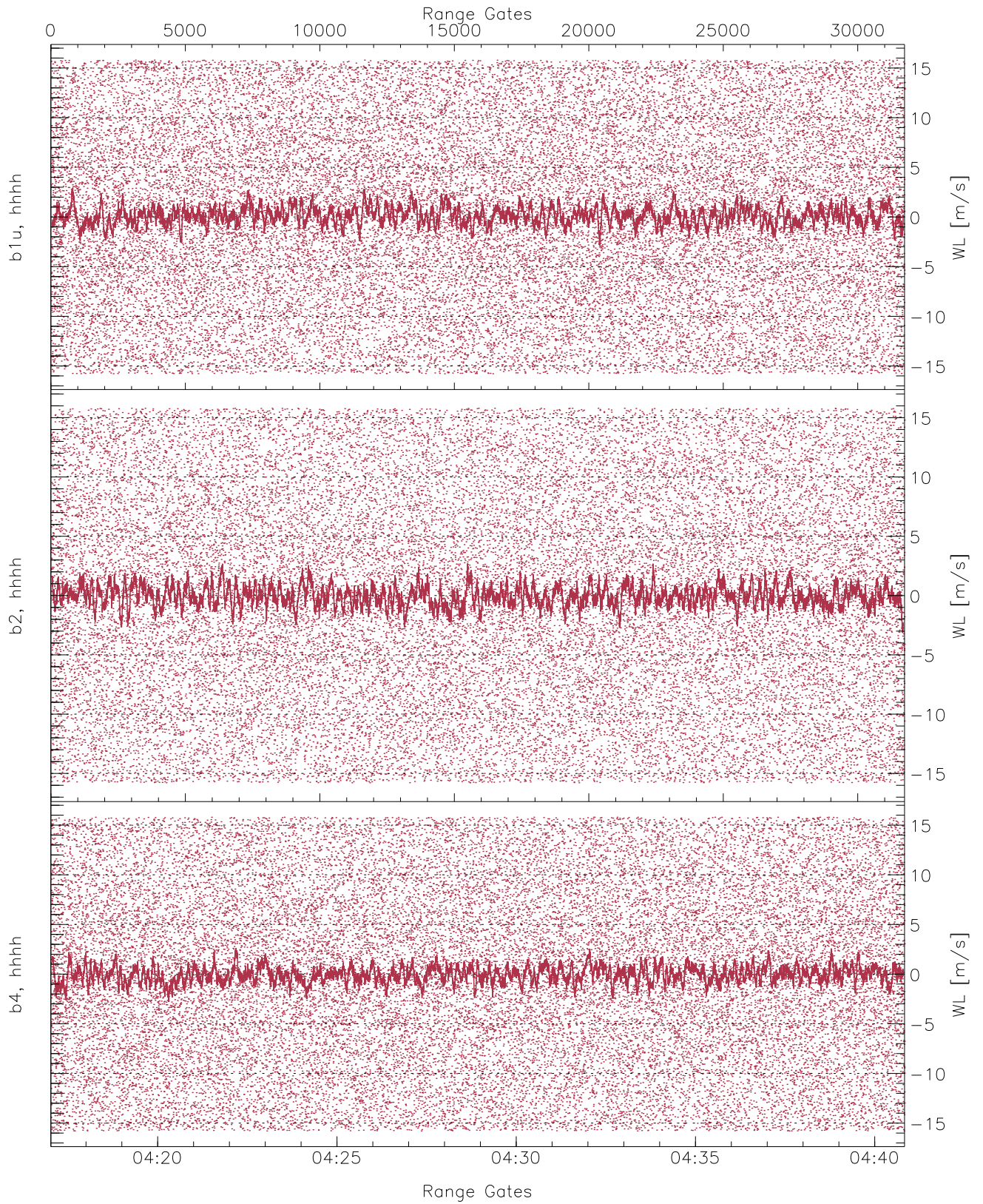
	Min	Max	Mean	Median	StDev
H1RG231_0 [dBm]	-66.32	-63.90	-65.09	-65.09	-76.57
V2HL_0 [dBm]	-66.04	-63.57	-64.72	-64.73	-76.25
H2WL24_0 [dBm]	-65.91	-63.50	-64.66	-64.66	-76.14



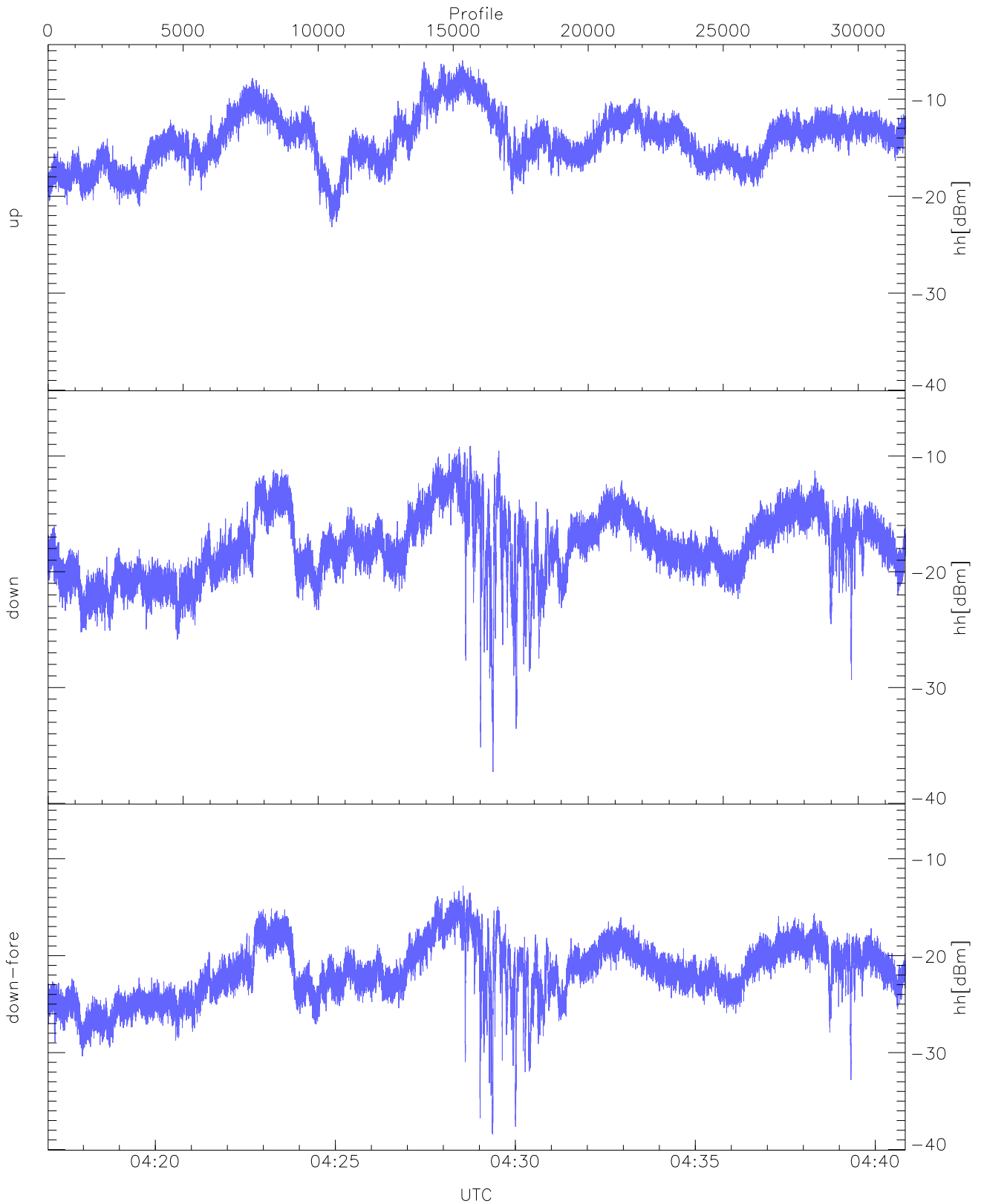
WCR3 CPP Averaged Received power for all recorded gates
blue: 041701-042856, 15871 profiles averaged
red: 042856-044050, 15871 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 041701-042856, 15871 profiles averaged
red: 042856-044050, 15871 profiles averaged

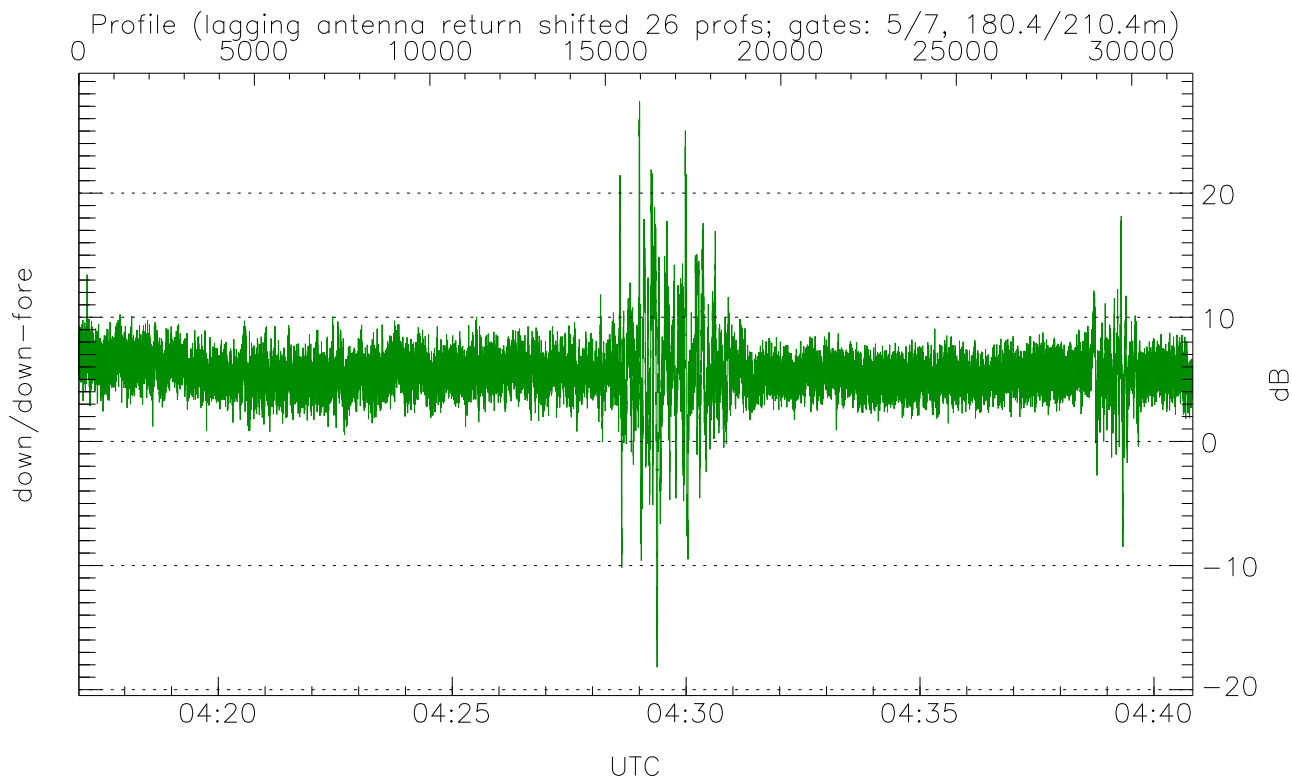
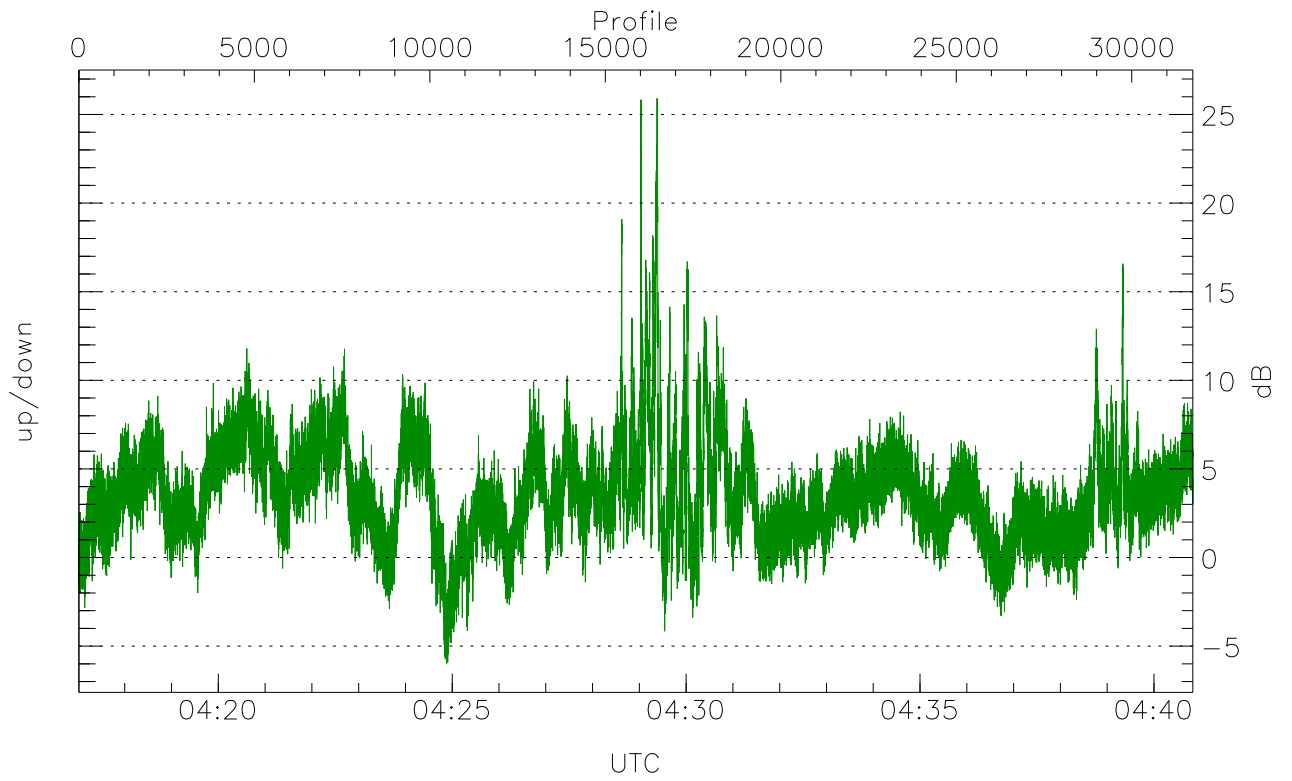


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



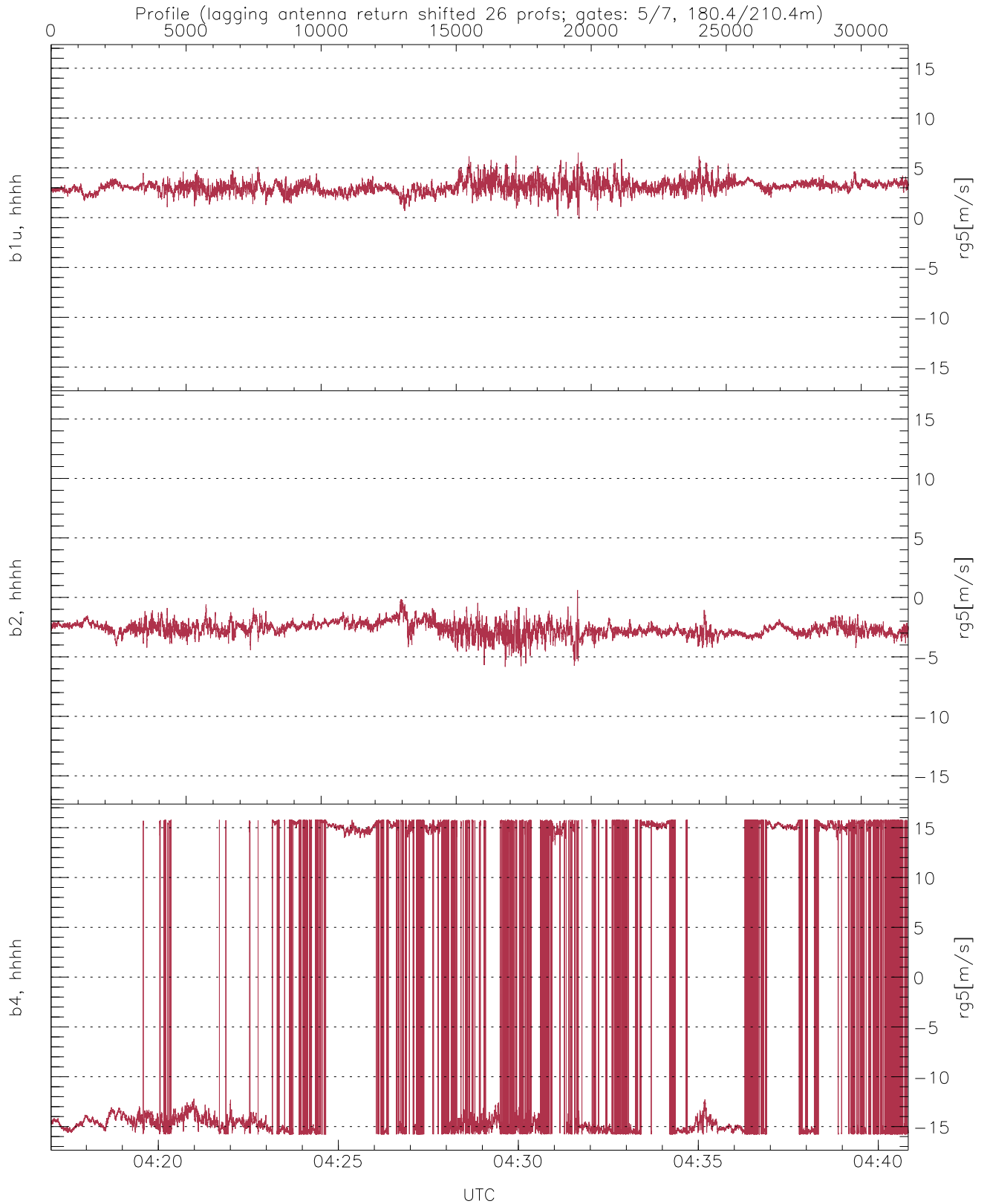
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-23.19	-5.99	-13.35
down(hh[dBm])	-37.28	-9.14	-16.85
down-fore(hh[dBm])	-38.44	-12.78	-20.76



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

	Min	Max	Mean
up/down (dB)	-6.01	25.91	3.61
down/down-fore (dB)	-18.20	27.38	5.54



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-0.13	6.52	3.09	0.60
b2, hhhh(rg5[m/s])	-5.84	0.62	-2.65	0.58
b4, hhhh(rg5[m/s])	-15.79	15.79	-3.67	14.58