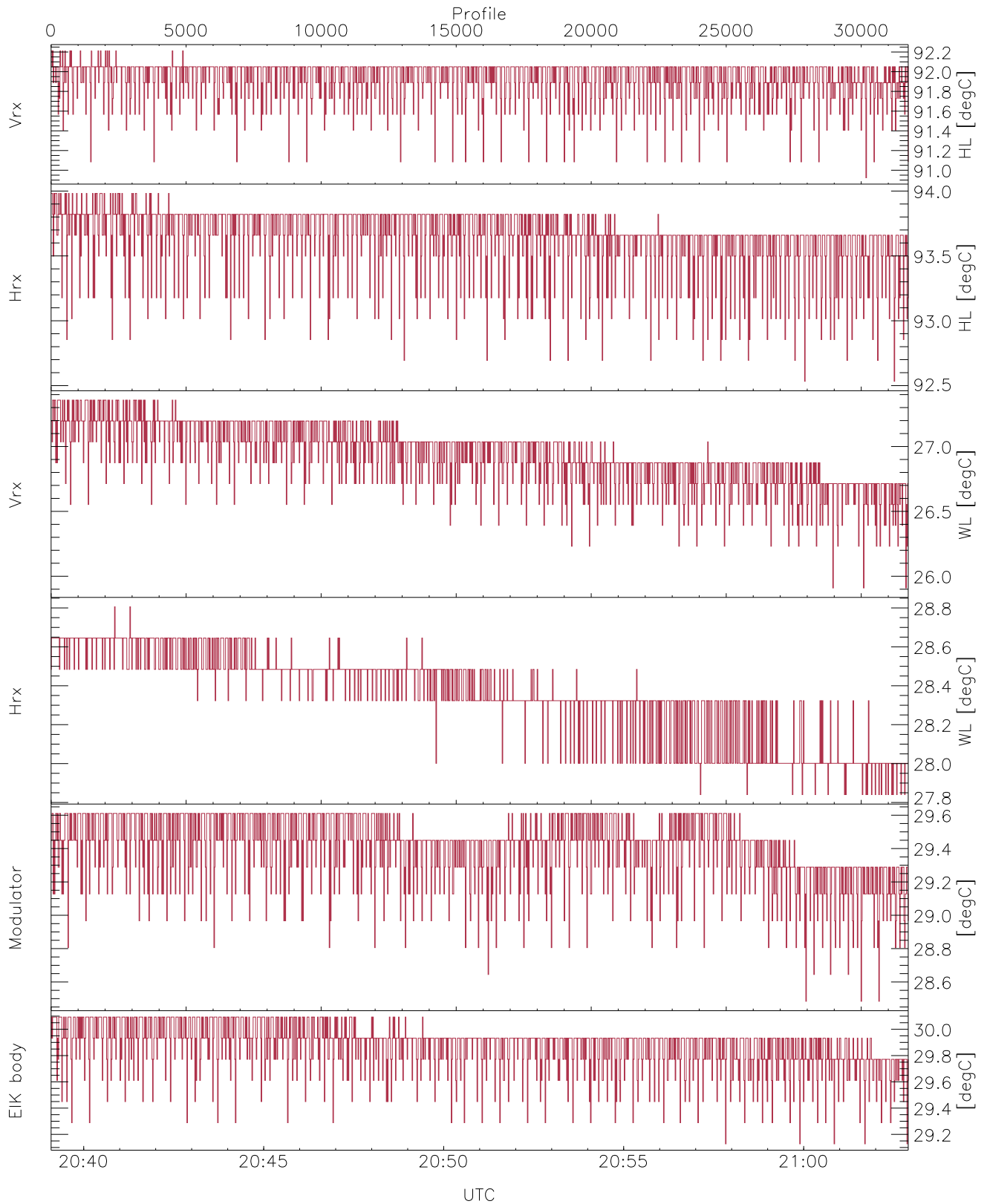


WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

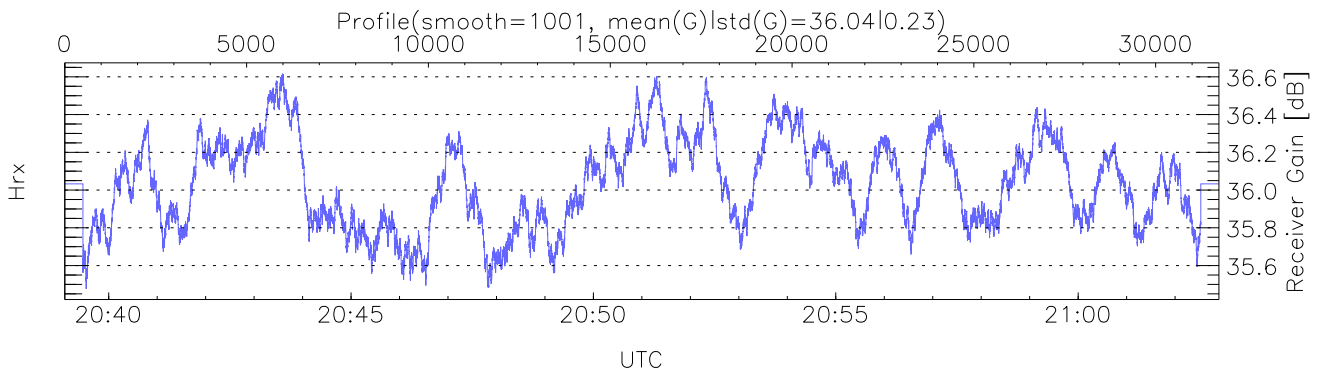
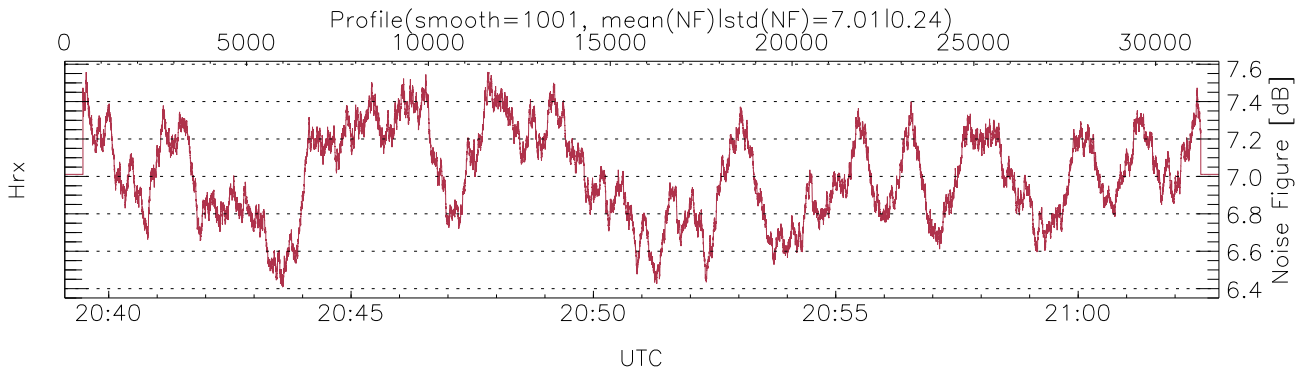
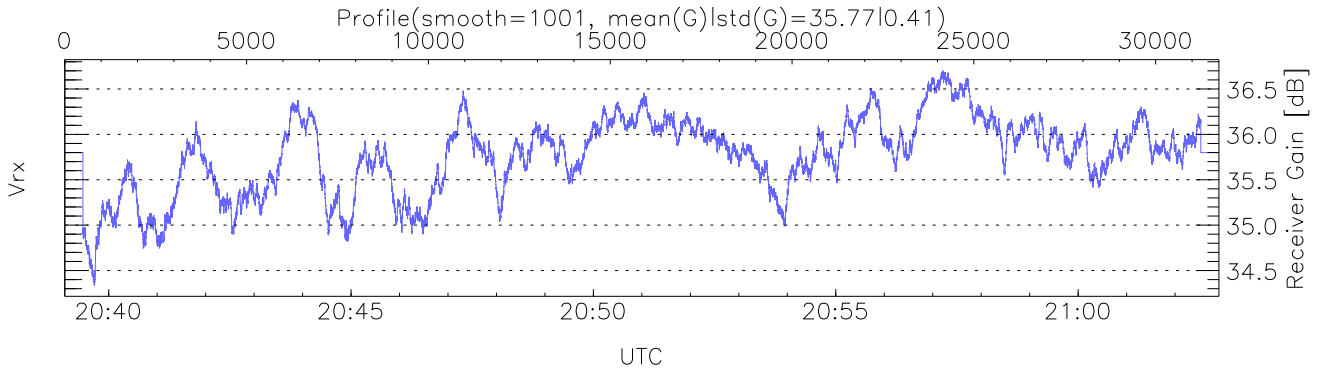
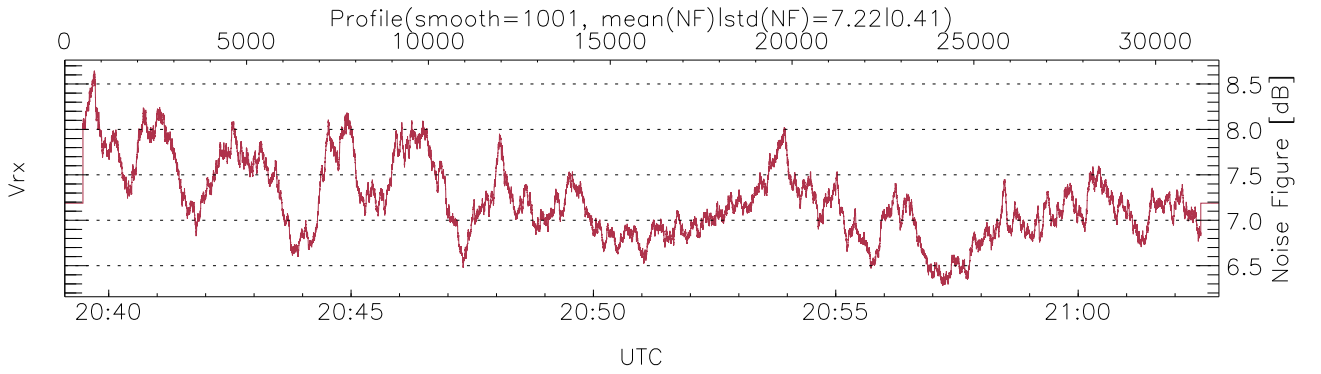
UTC: 20:39:06-21:02:54, TimeCor: 0.00s, Dur: 1428.66s
 TimeFlg: 1, TFPstatus constant.
 TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
 NumRec(r/t): 31741/31741, 0-31740/20:39:06-21:02:54
 AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
 Pulse: 250ns, IFF: 4.0MHz, 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 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

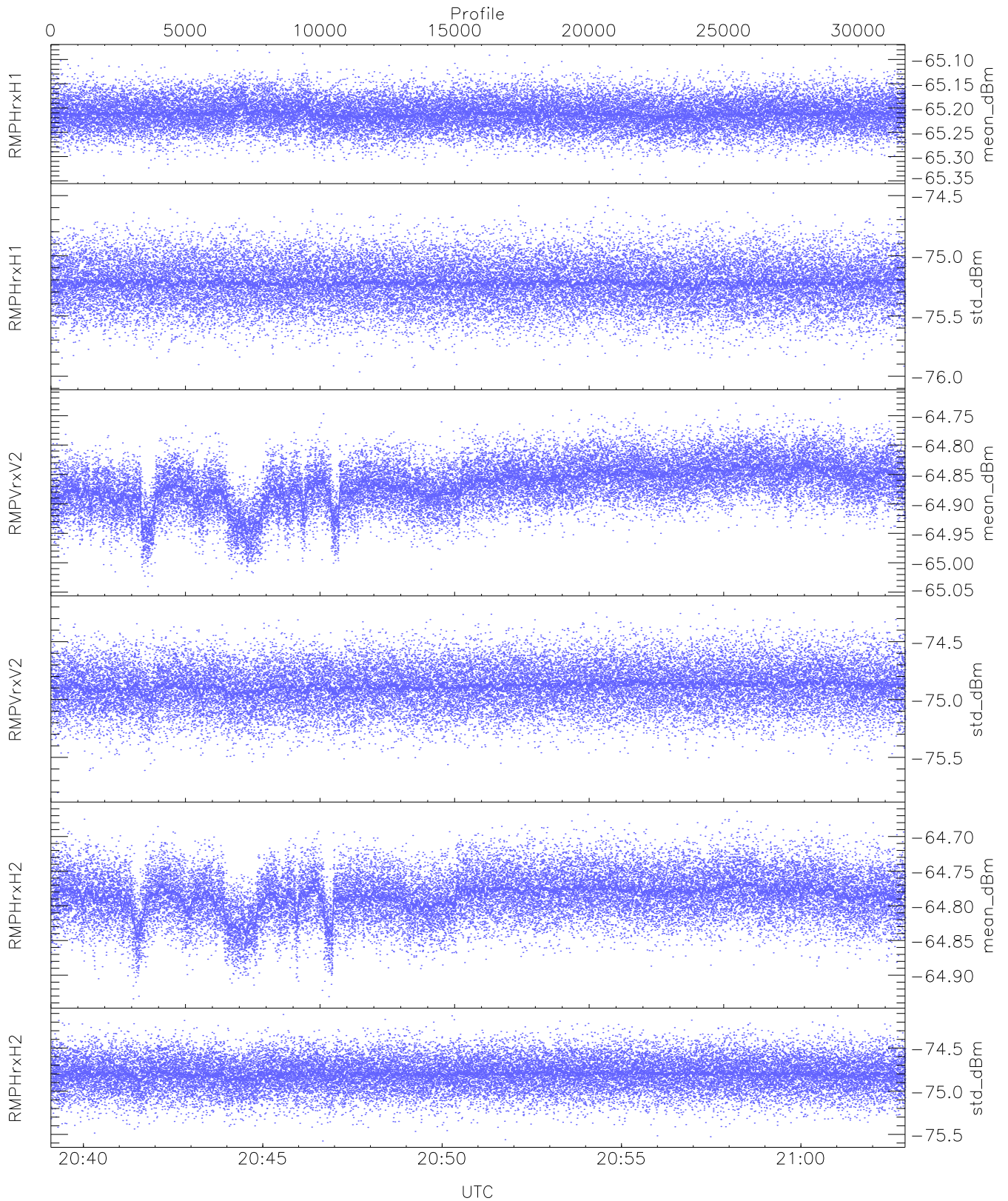
```

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,25,27,28,29
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,27,28,29,30
LOalarm(20,240,2817,14861 MHz): 0,0,24,0
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (46,46,46,46,46)
    
```



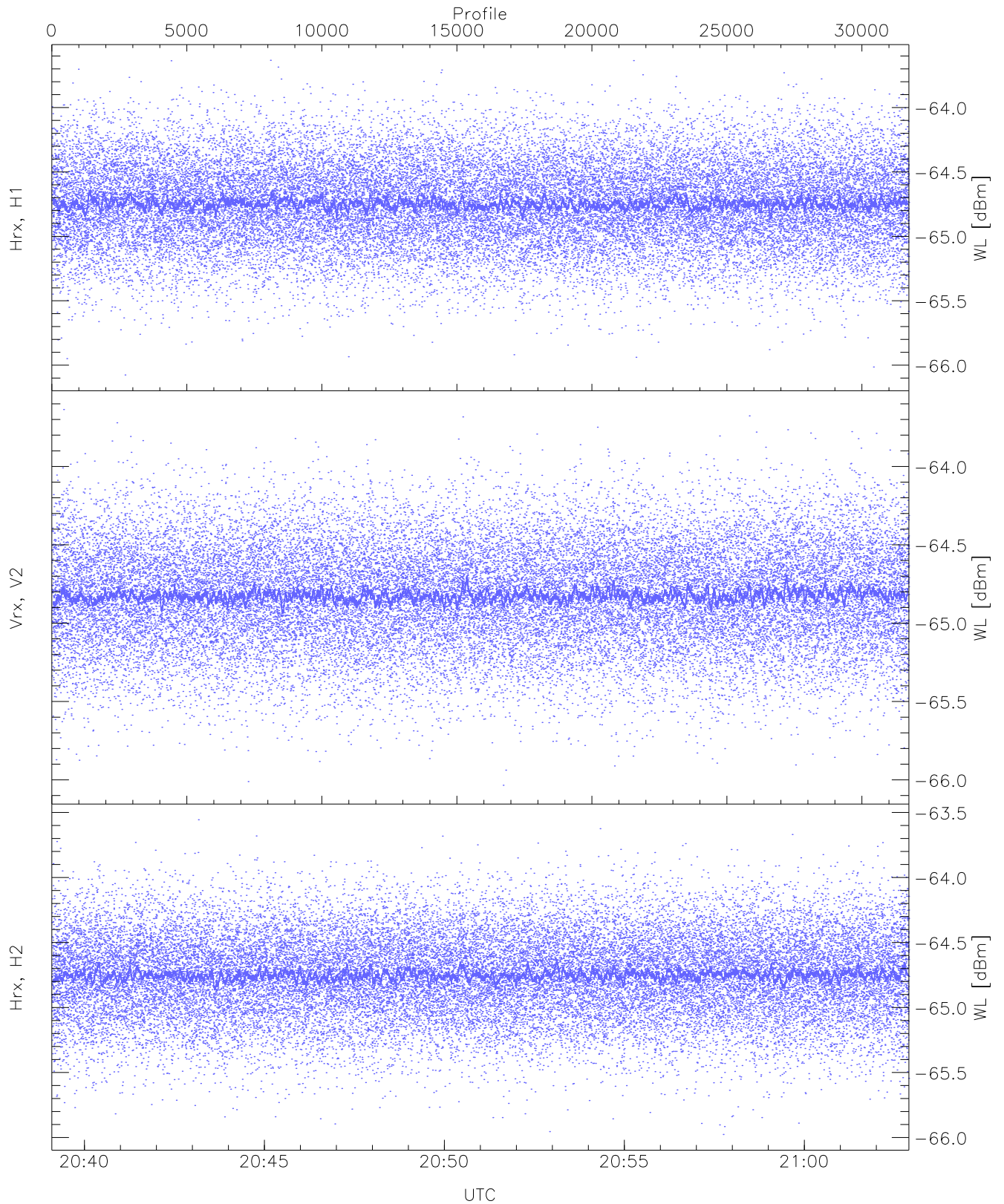
WCR3 CPP Receivers Gain and Noise Figure

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



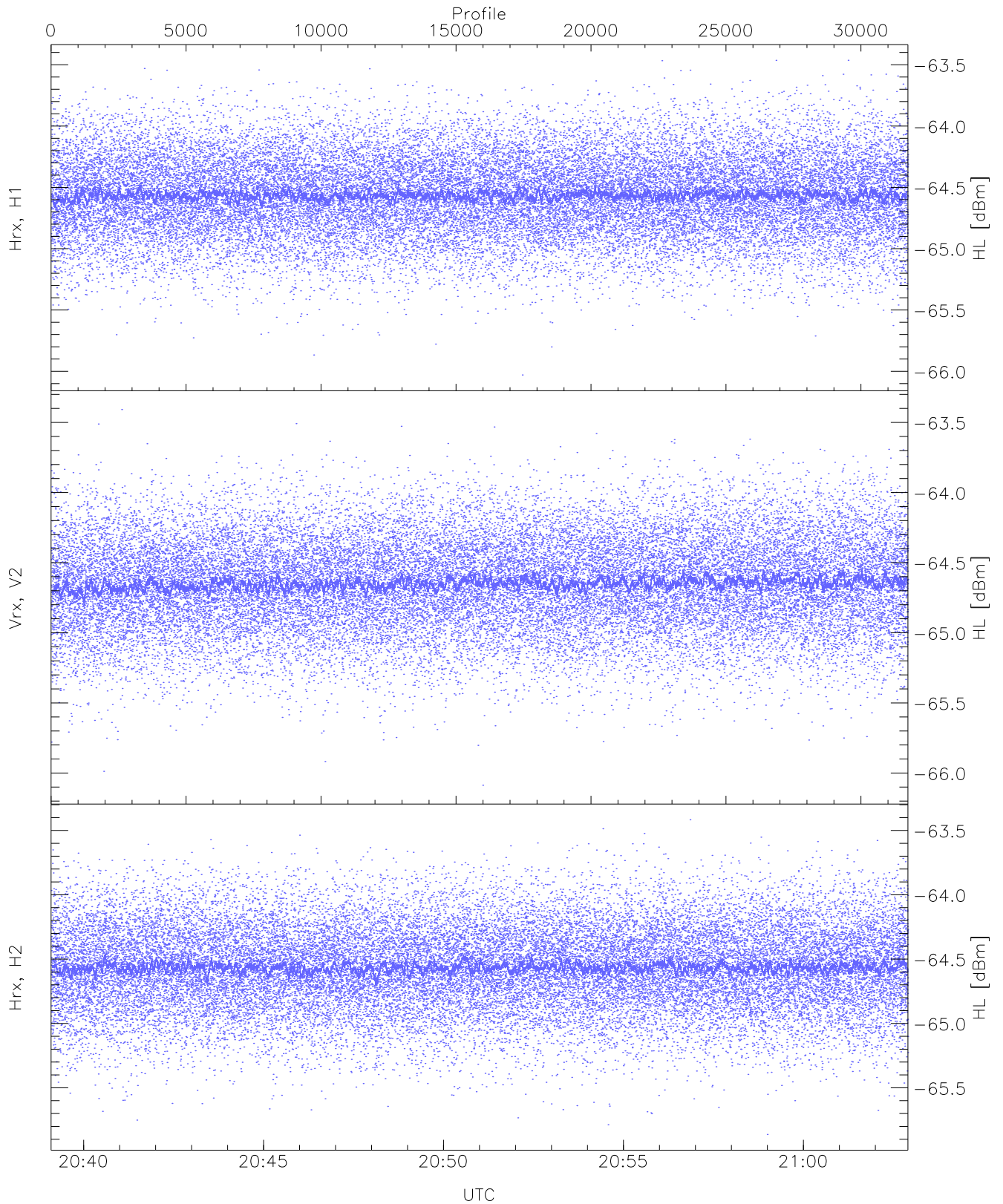
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.34	-65.08	-65.21	-65.21	-86.77
RMPHrxH1(std_dBm)	-76.03	-74.48	-75.22	-75.23	-89.02
RMPVrxV2(mean_dBm)	-65.04	-64.72	-64.87	-64.87	-85.28
RMPVrxV2(std_dBm)	-75.80	-74.19	-74.88	-74.89	-88.66
RMPHrxH2(mean_dBm)	-64.93	-64.66	-64.79	-64.78	-85.95
RMPHrxH2(std_dBm)	-75.58	-74.11	-74.80	-74.80	-88.56



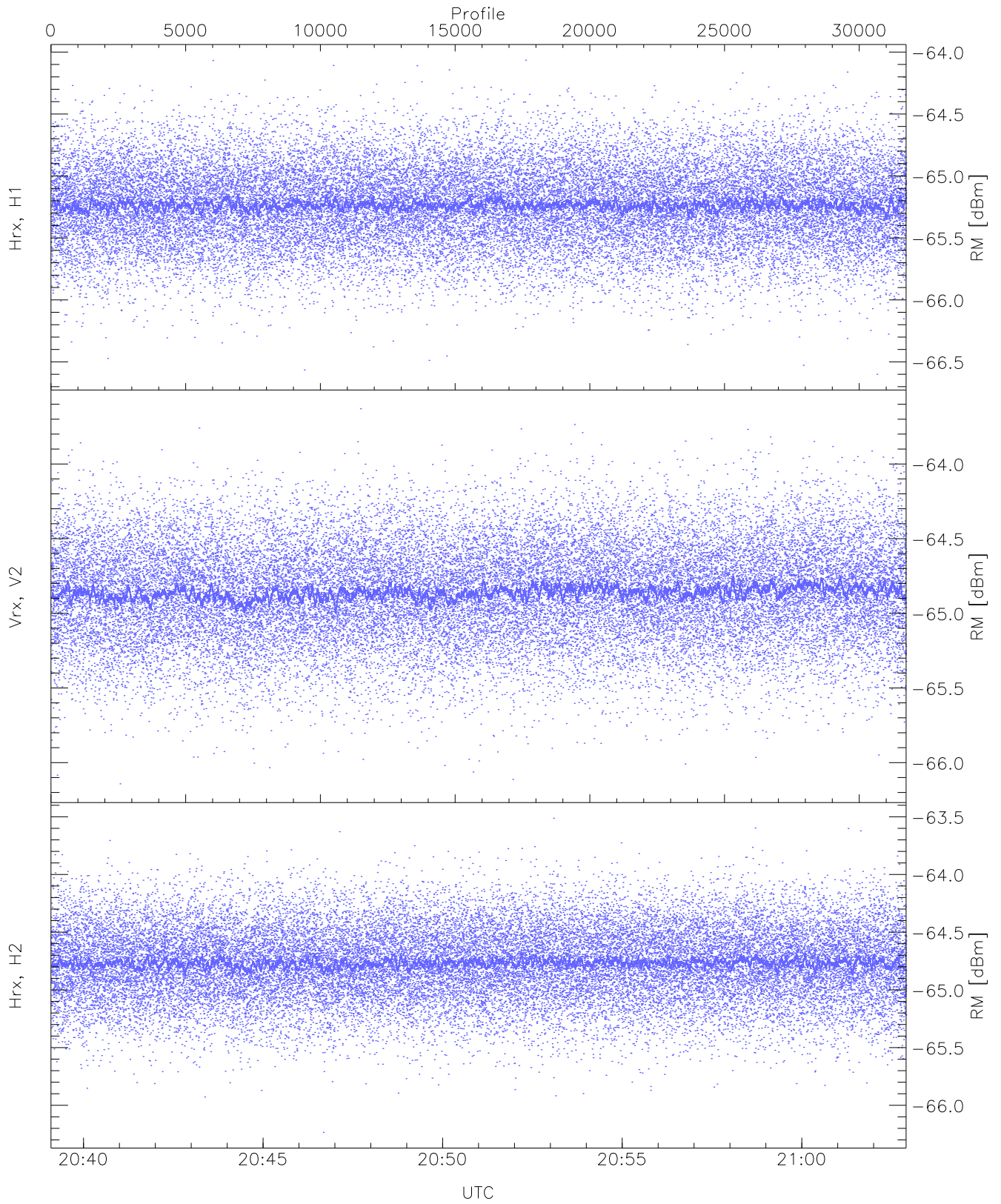
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.08	-63.63	-64.74	-64.75	-76.26
Vrx, V2 (WL [dBm])	-66.03	-63.64	-64.82	-64.83	-76.35
Hrx, H2 (WL [dBm])	-65.98	-63.56	-64.74	-64.75	-76.26



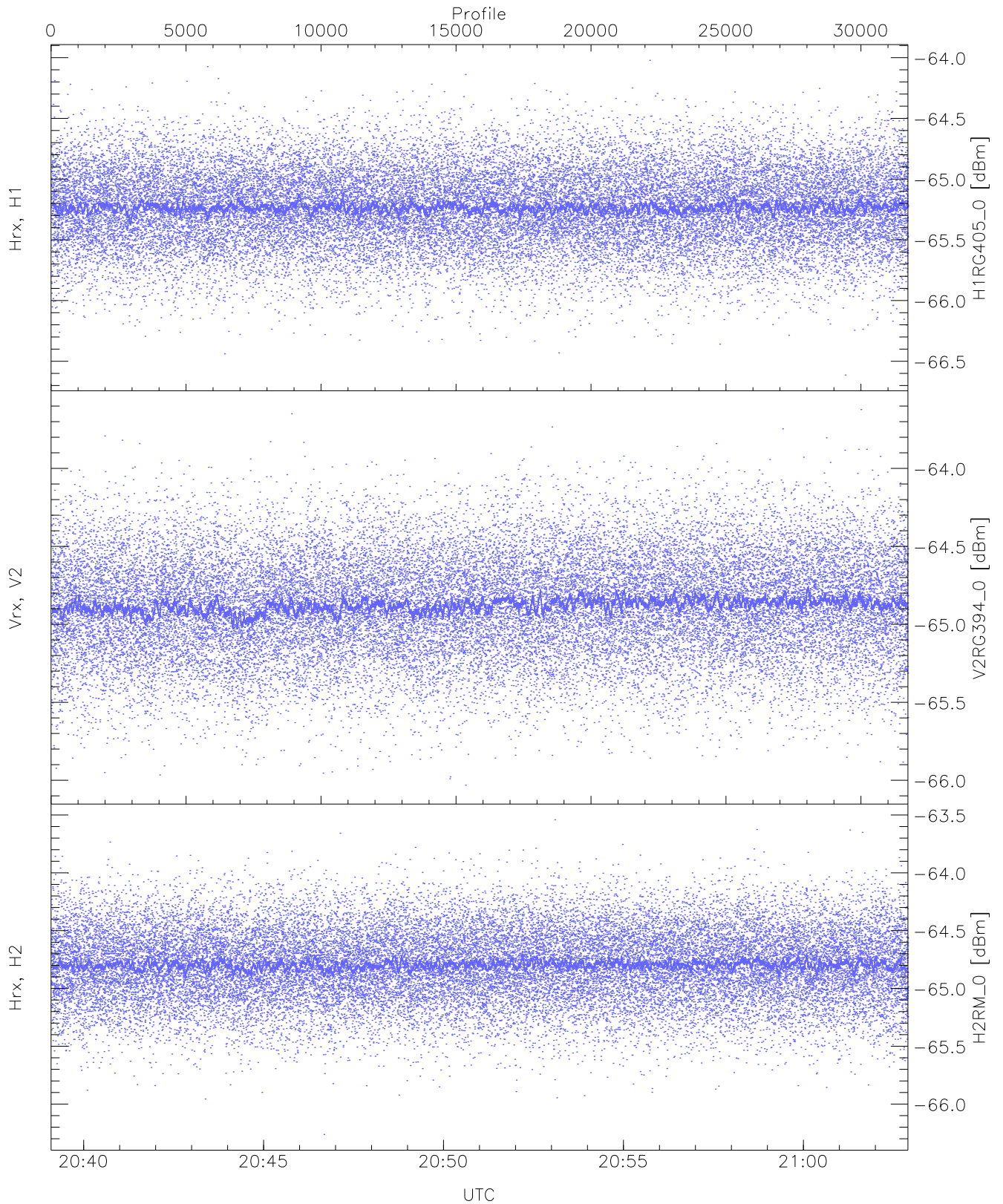
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.03	-63.46	-64.56	-64.57	-76.06
Vrx, V2 (HL [dBm])	-66.09	-63.41	-64.64	-64.65	-76.12
Hrx, H2 (HL [dBm])	-65.86	-63.42	-64.56	-64.57	-76.05



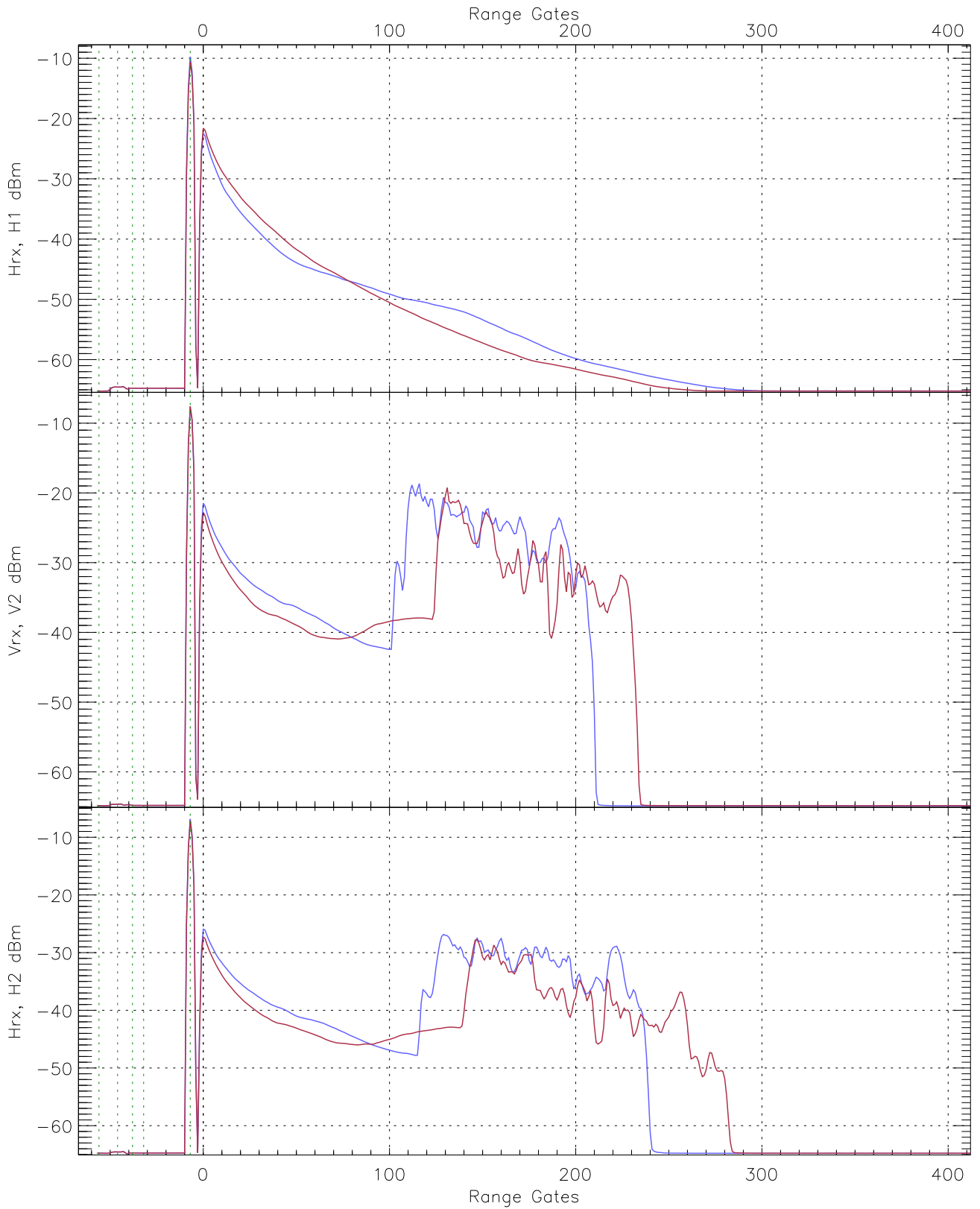
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.60	-64.07	-65.23	-65.23	-76.75
Vrx, V2 (RM [dBm])	-66.14	-63.63	-64.85	-64.86	-76.33
Hrx, H2 (RM [dBm])	-66.23	-63.51	-64.76	-64.77	-76.30

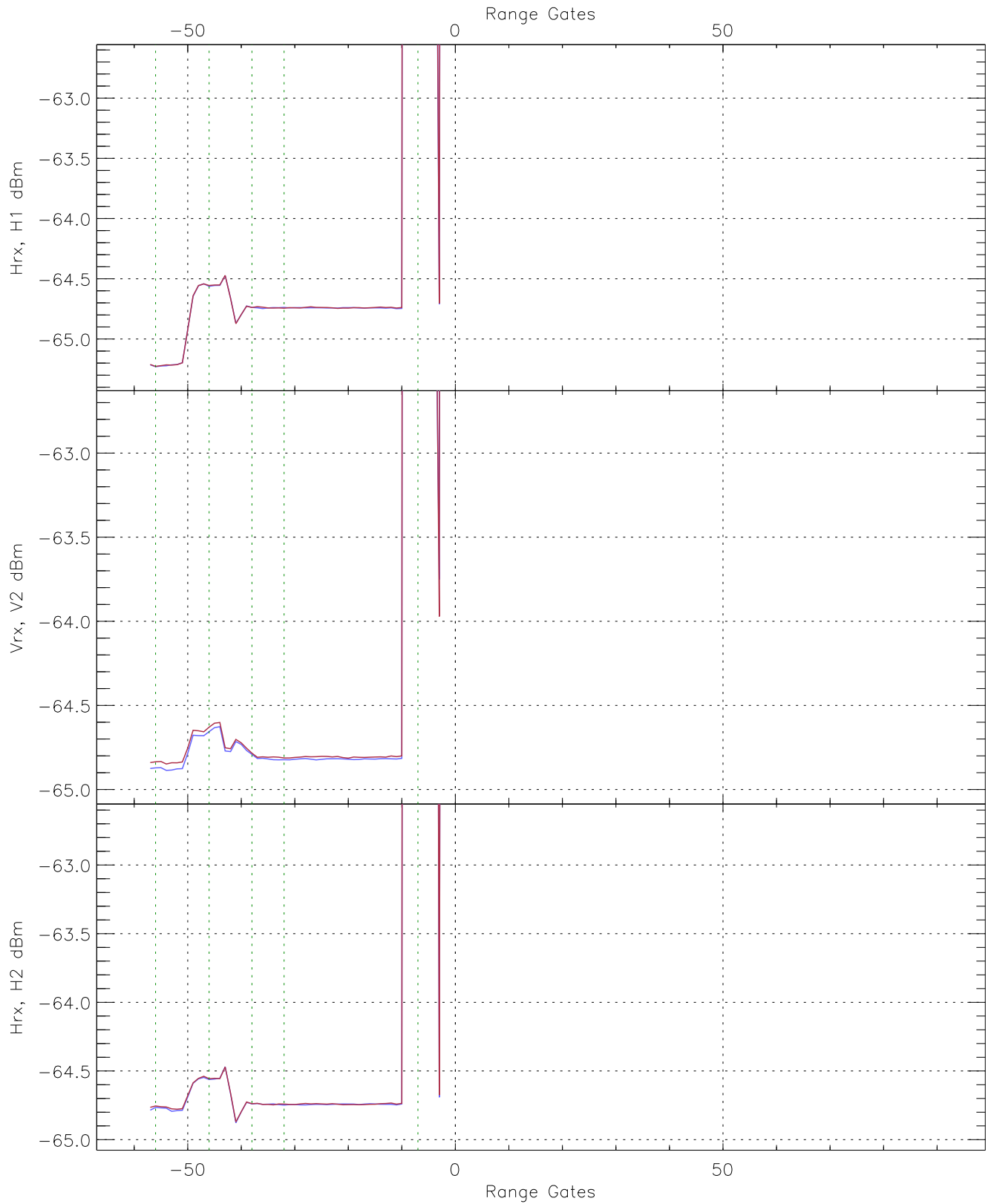


WCR3 CPP "Best" estimate Receivers Noise Power

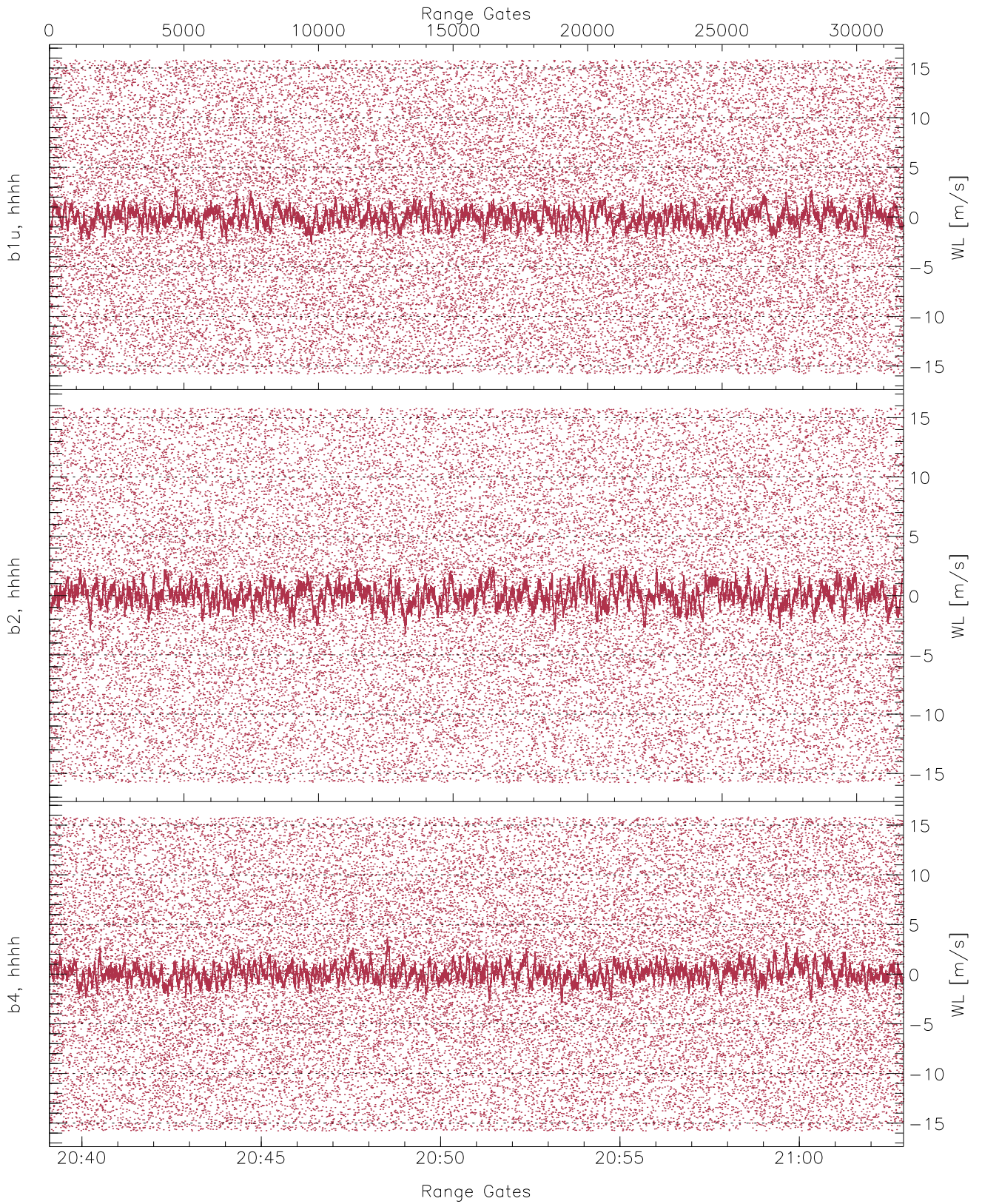
	Min	Max	Mean	Median	StDev
H1RG405_0 [dBm]	-66.61	-64.02	-65.23	-65.24	-76.74
V2RG394_0 [dBm]	-66.03	-63.62	-64.87	-64.88	-76.37
H2RM_0 [dBm]	-66.26	-63.54	-64.79	-64.80	-76.33



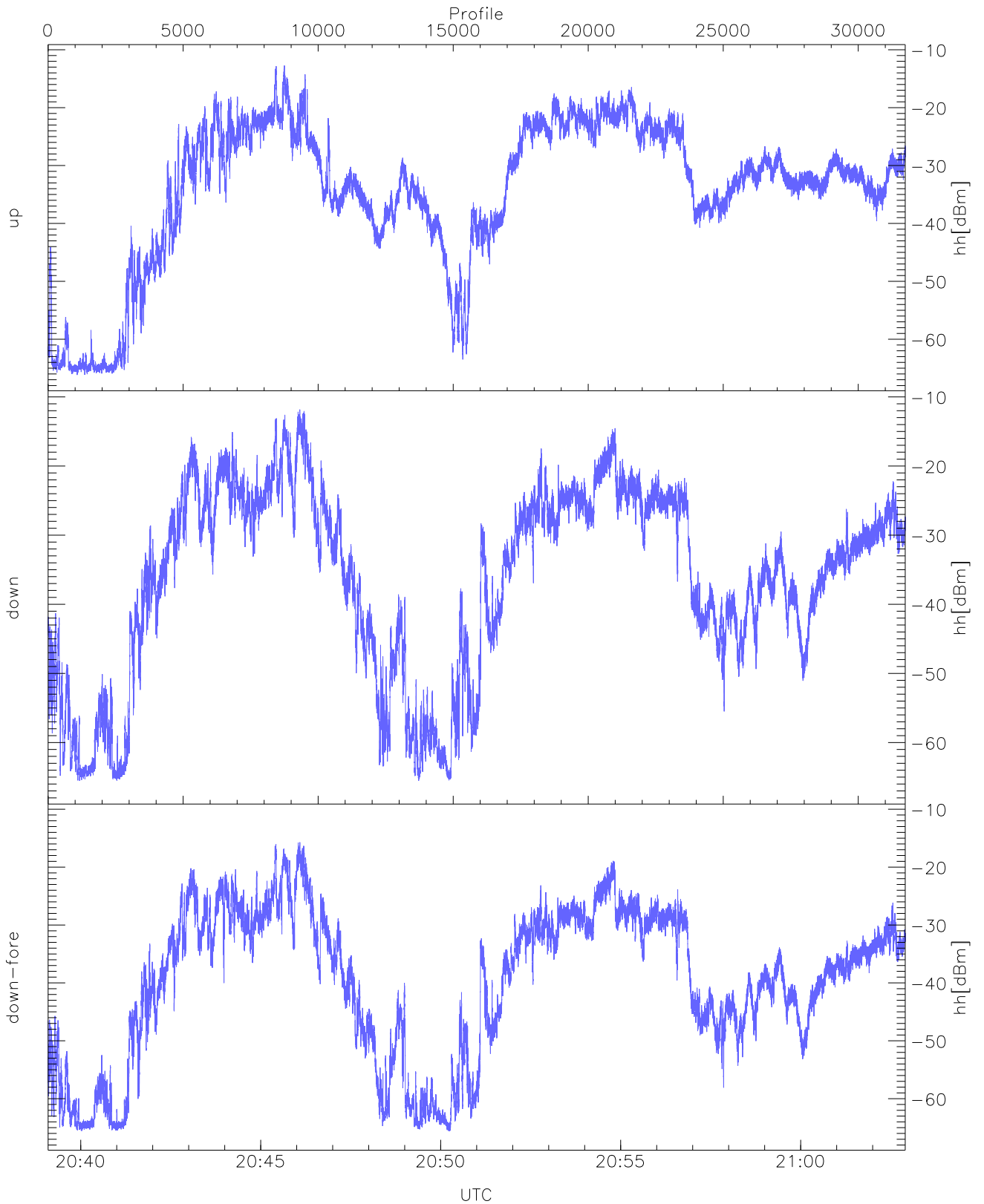
WCR3 CPP Averaged Received power for all recorded gates
blue: 203906-205100, 15871 profiles averaged
red: 205100-210254, 15871 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 203906-205100, 15871 profiles averaged
red: 205100-210254, 15871 profiles averaged

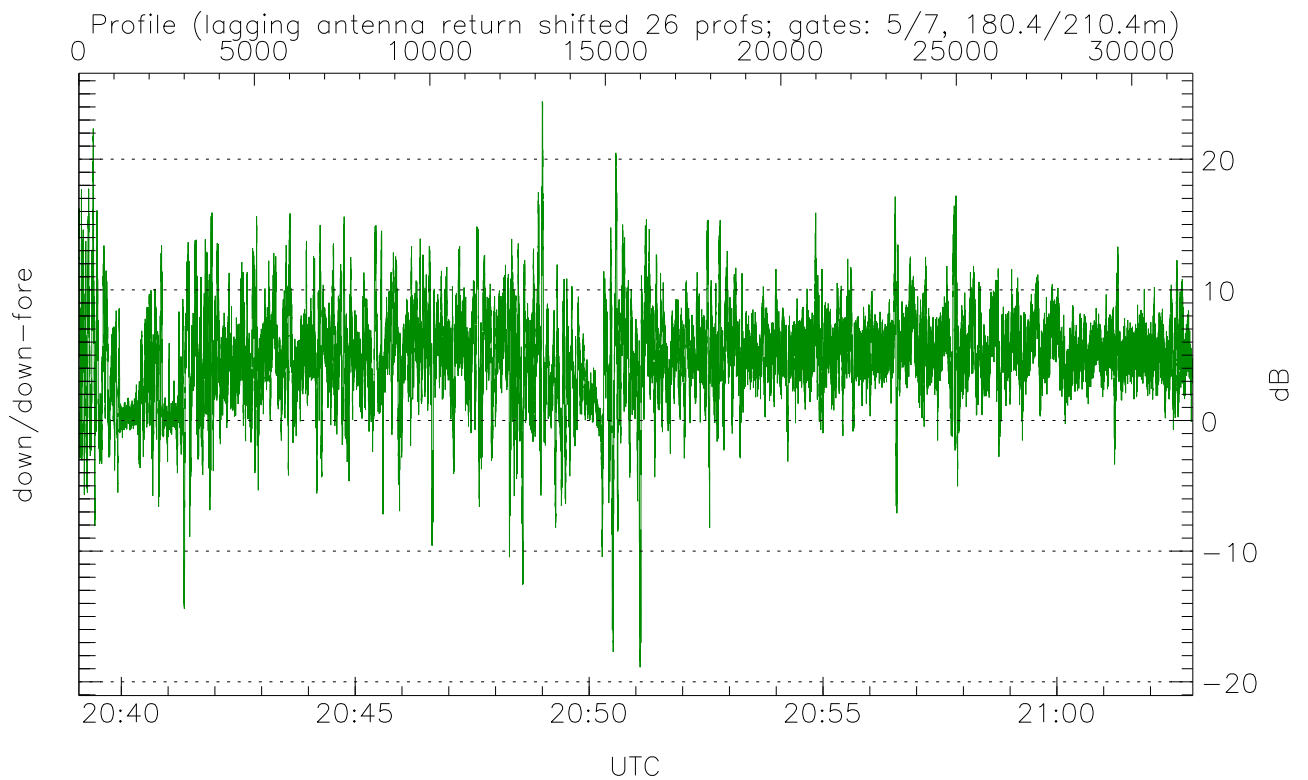
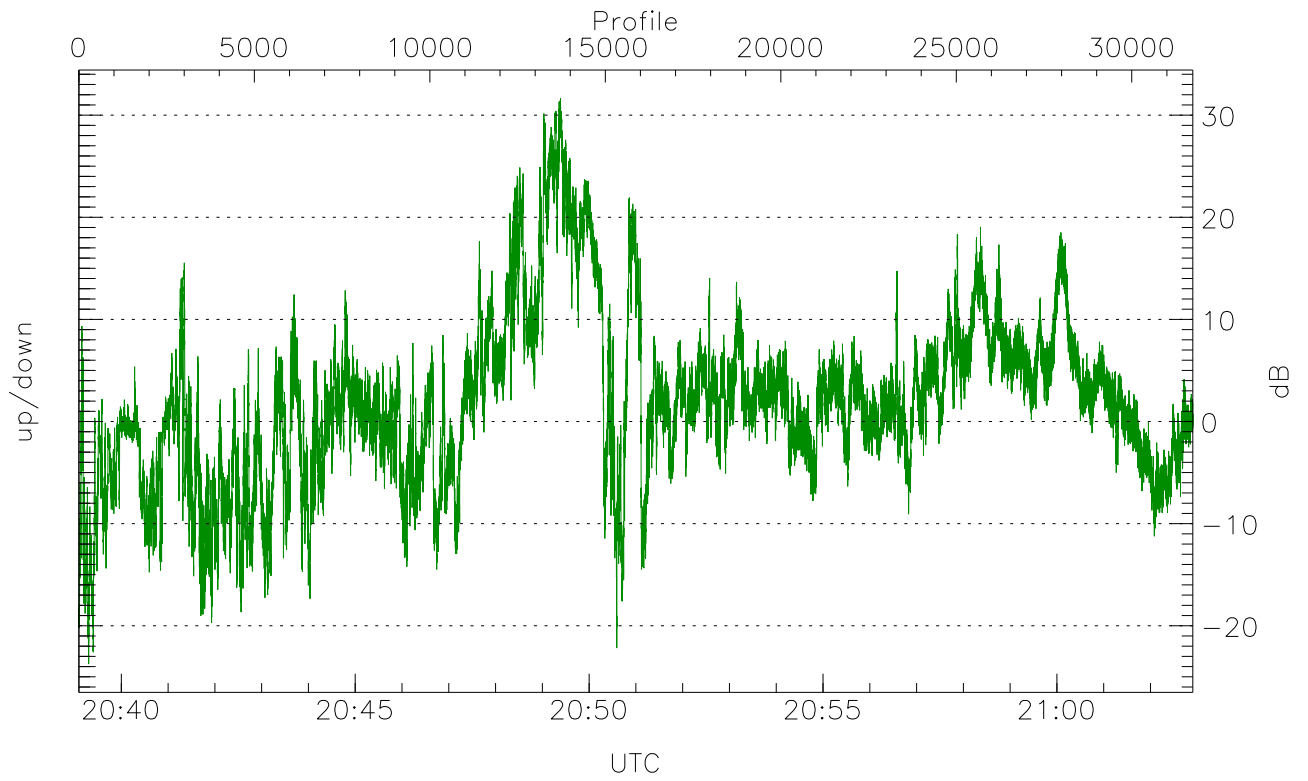


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



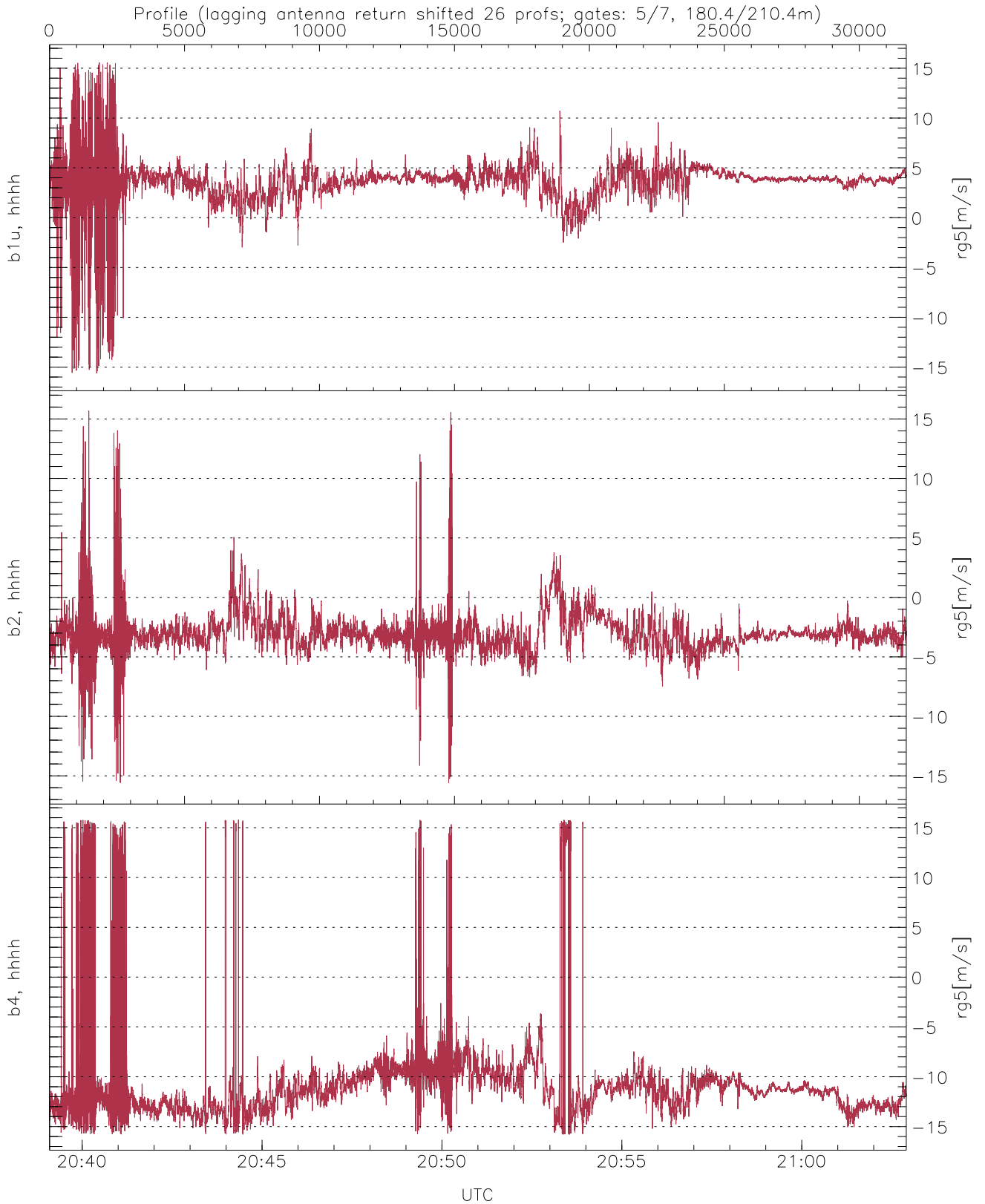
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.18	-12.73	-26.26
down(hh[dBm])	-65.53	-11.83	-25.91
down-fore(hh[dBm])	-65.63	-15.71	-29.93



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

	Min	Max	Mean
up/down (dB)	-23.75	31.65	1.95
down/down-fore (dB)	-18.89	24.42	4.75



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.60	15.58	3.57	1.88
b2, hhhh(rg5[m/s])	-15.61	15.69	-2.97	1.51
b4, hhhh(rg5[m/s])	-15.79	15.79	-10.79	4.06