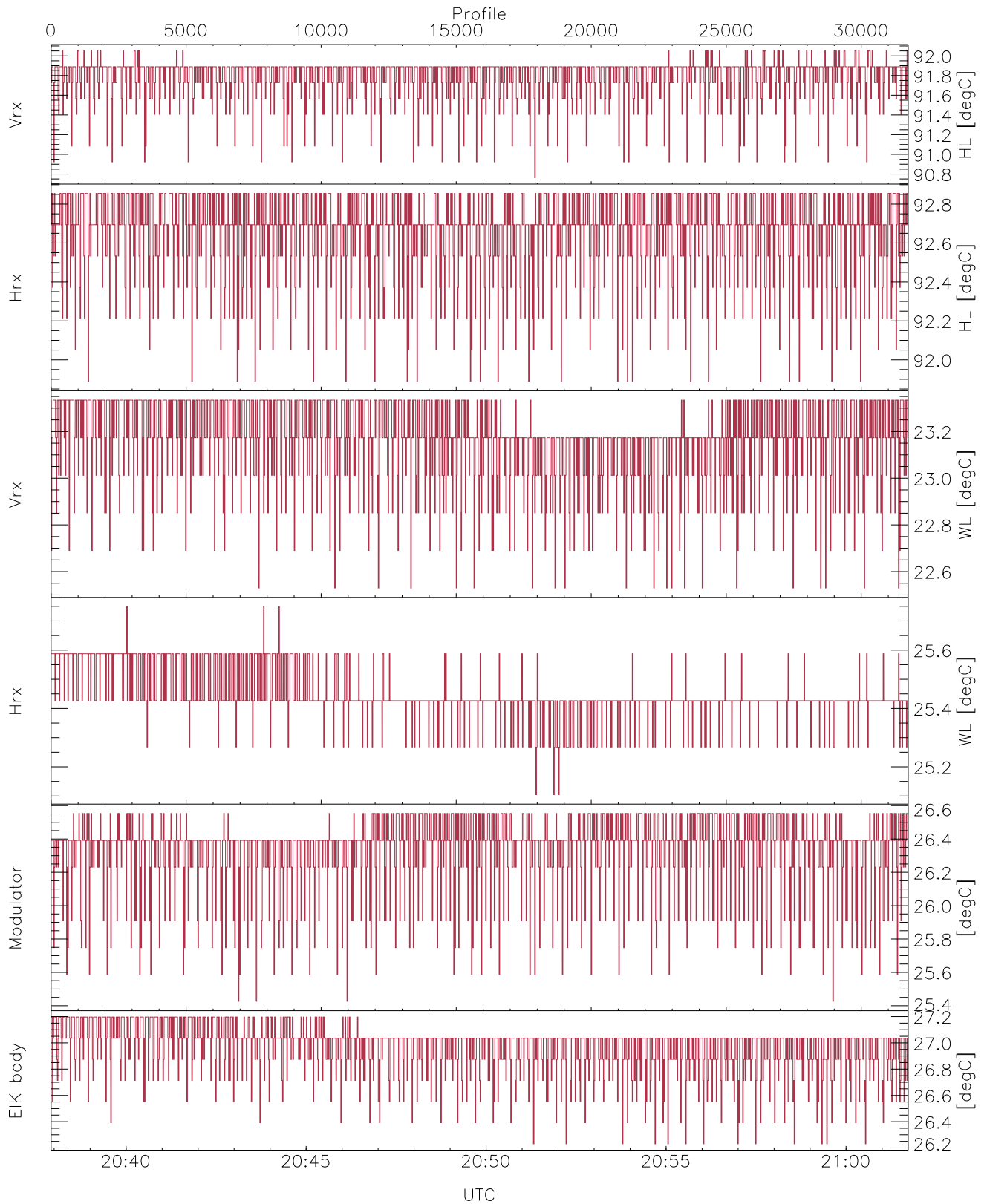


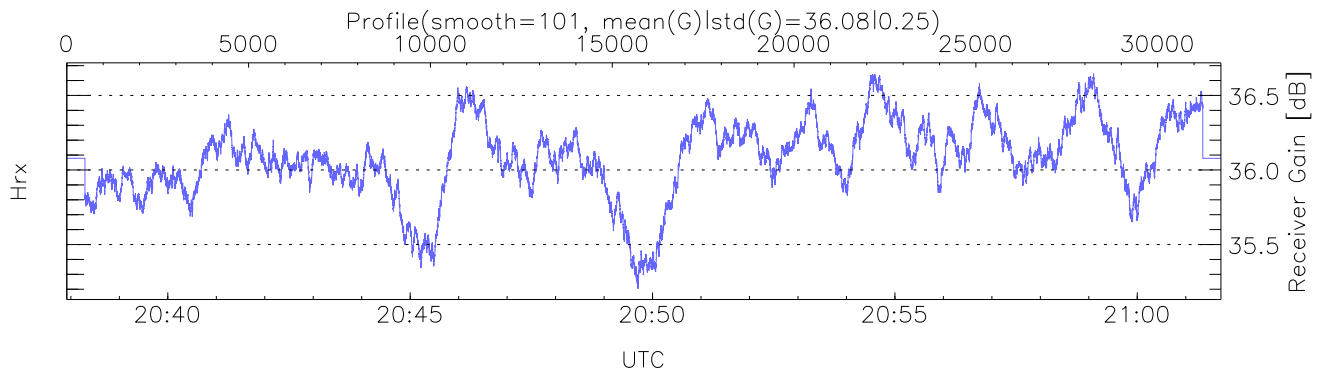
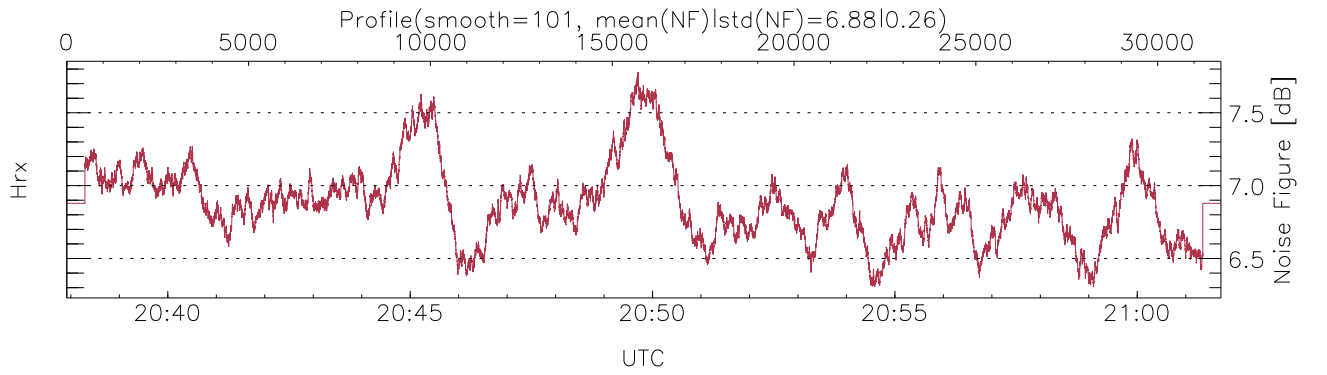
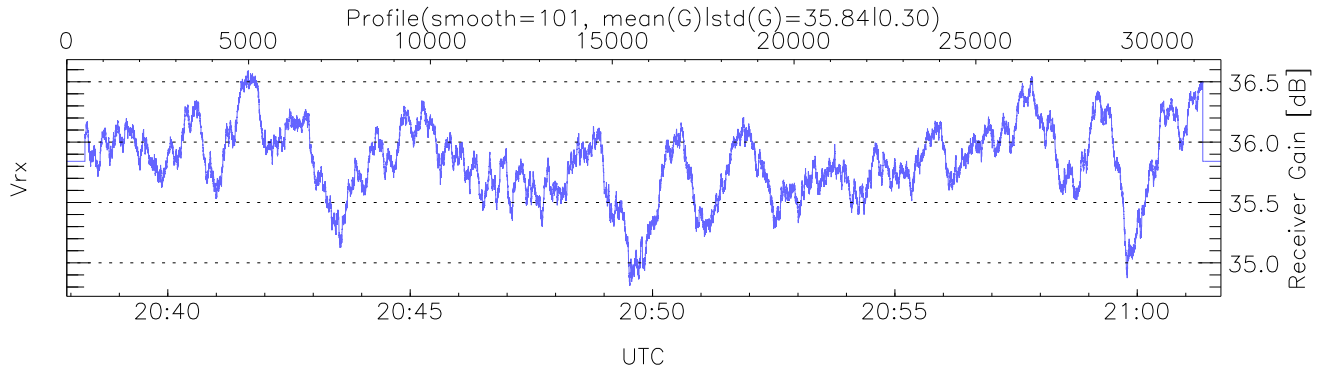
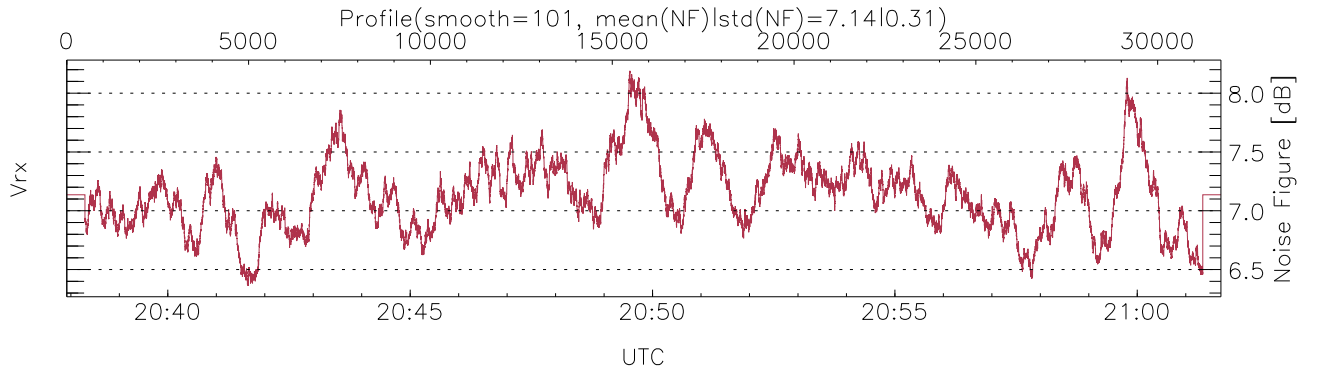
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 20:37:55-21:01:44, 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, 0-31740/20:37:55-21:01:44  
 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



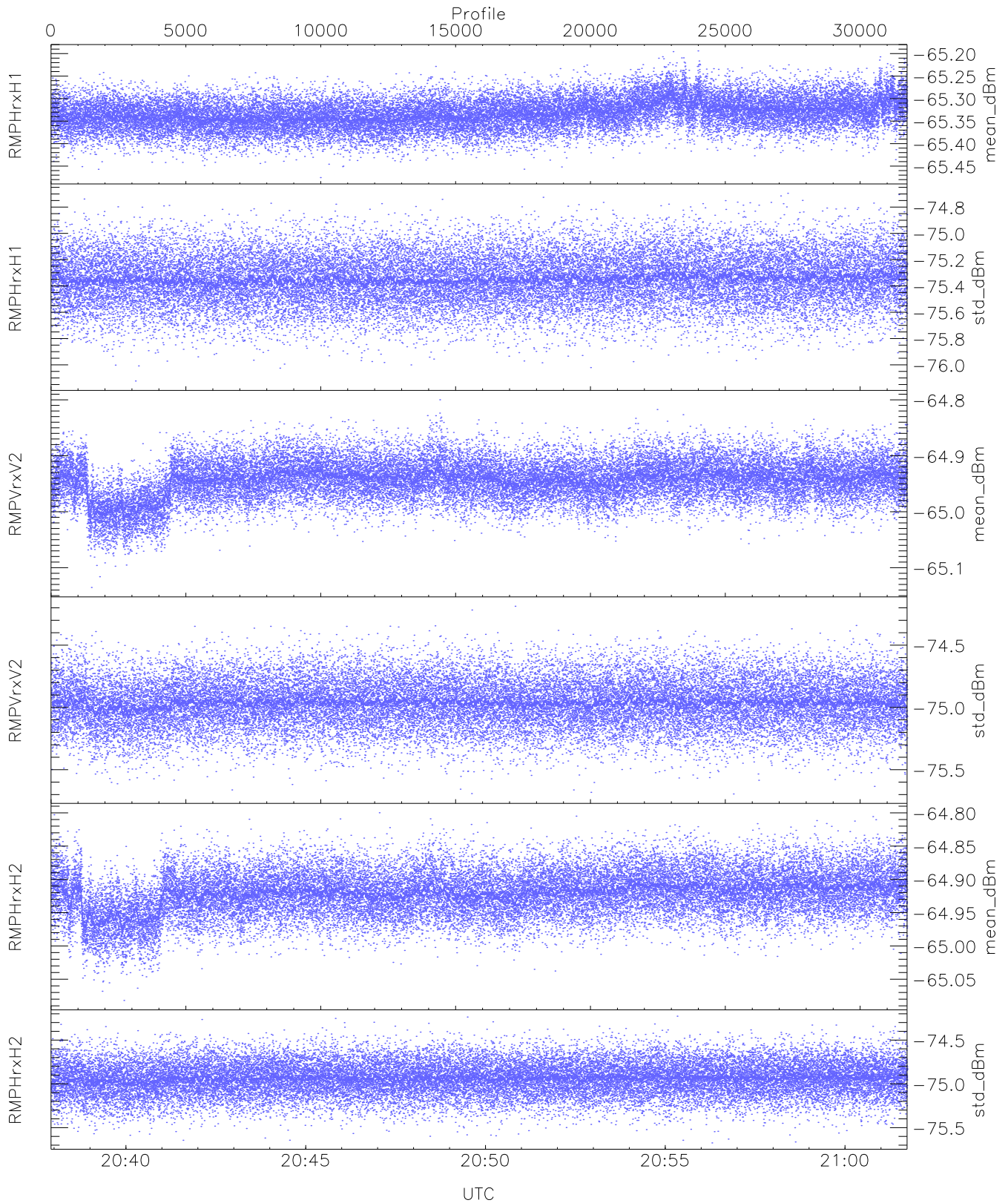
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

```
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,22,25,25,26  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,92,23,25,26,27  
LOalarm(20,240,2817,14861 MHz): 0,0,23,0  
EIK Faults(# prof affected):  
BodyCurr,DeckF,OverDuty (22,22,22)
```



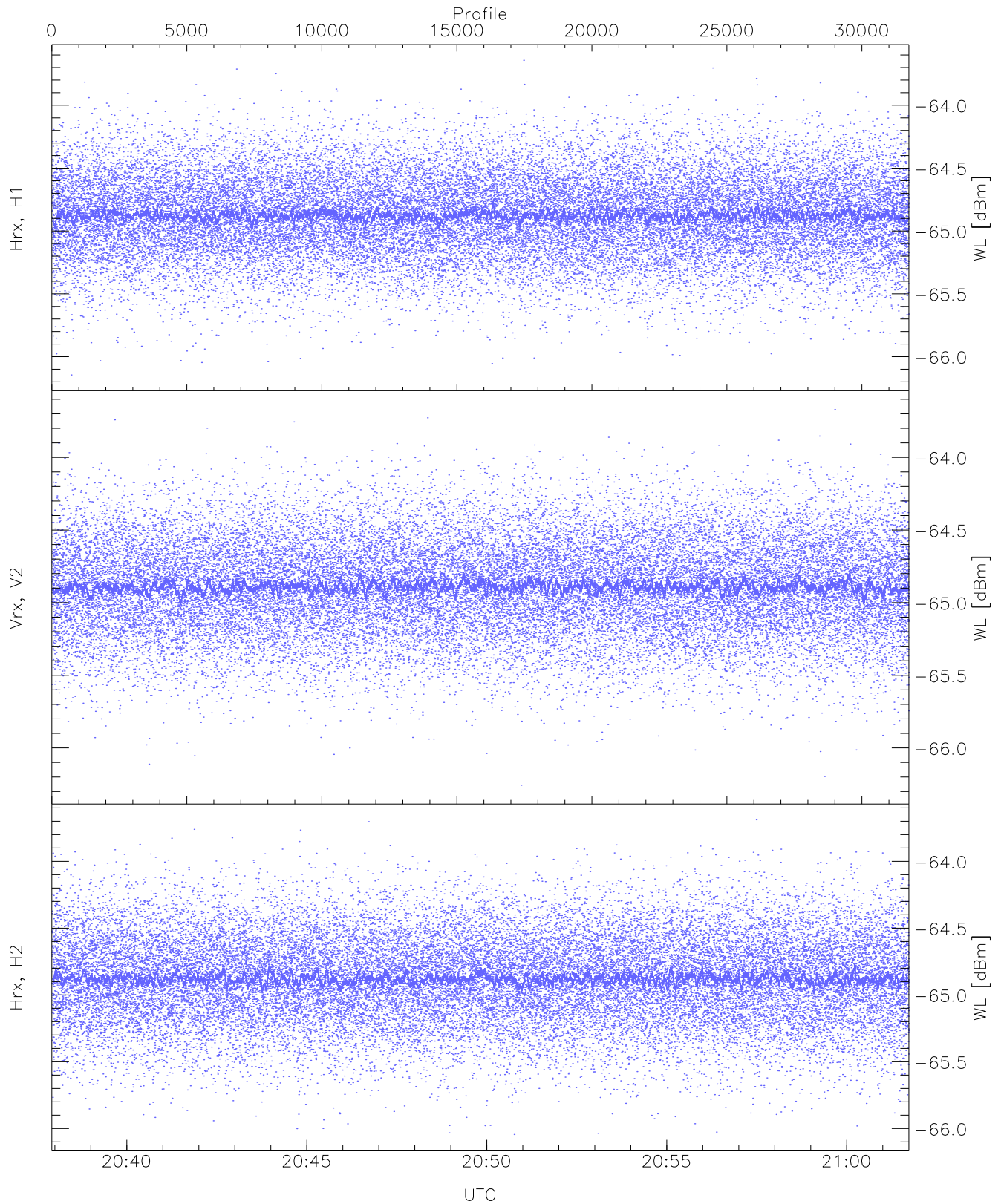
### WCR3 CPP Receivers Gain and Noise Figure

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



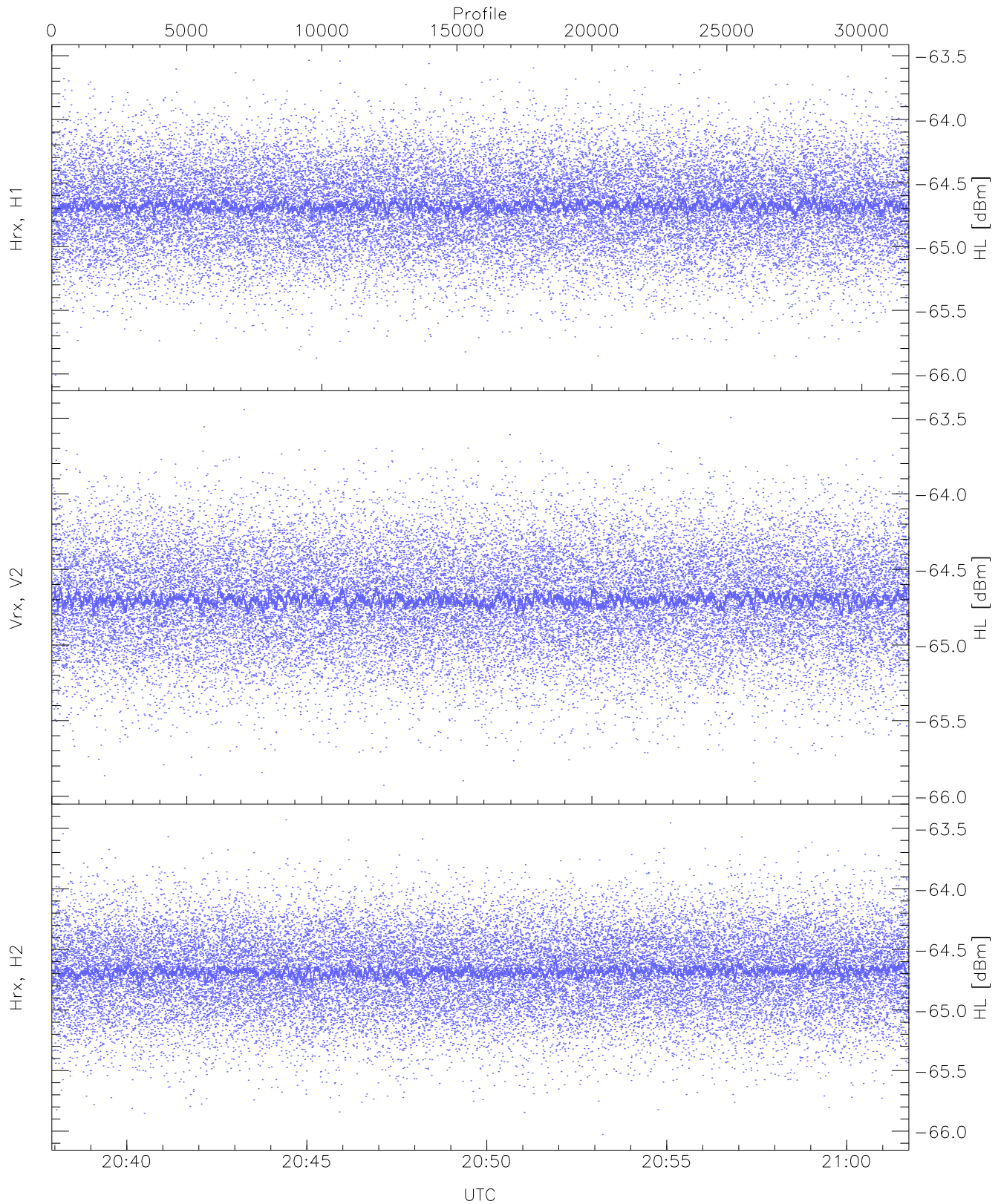
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.48	-65.19	-65.33	-65.33	-86.51
RMPHrxH1(std_dBm)	-76.12	-74.70	-75.35	-75.35	-89.13
RMPVrxV2(mean_dBm)	-65.14	-64.80	-64.94	-64.94	-85.86
RMPVrxV2(std_dBm)	-75.70	-74.19	-74.96	-74.97	-88.72
RMPHrxH2(mean_dBm)	-65.08	-64.80	-64.92	-64.92	-86.12
RMPHrxH2(std_dBm)	-75.67	-74.23	-74.94	-74.94	-88.72



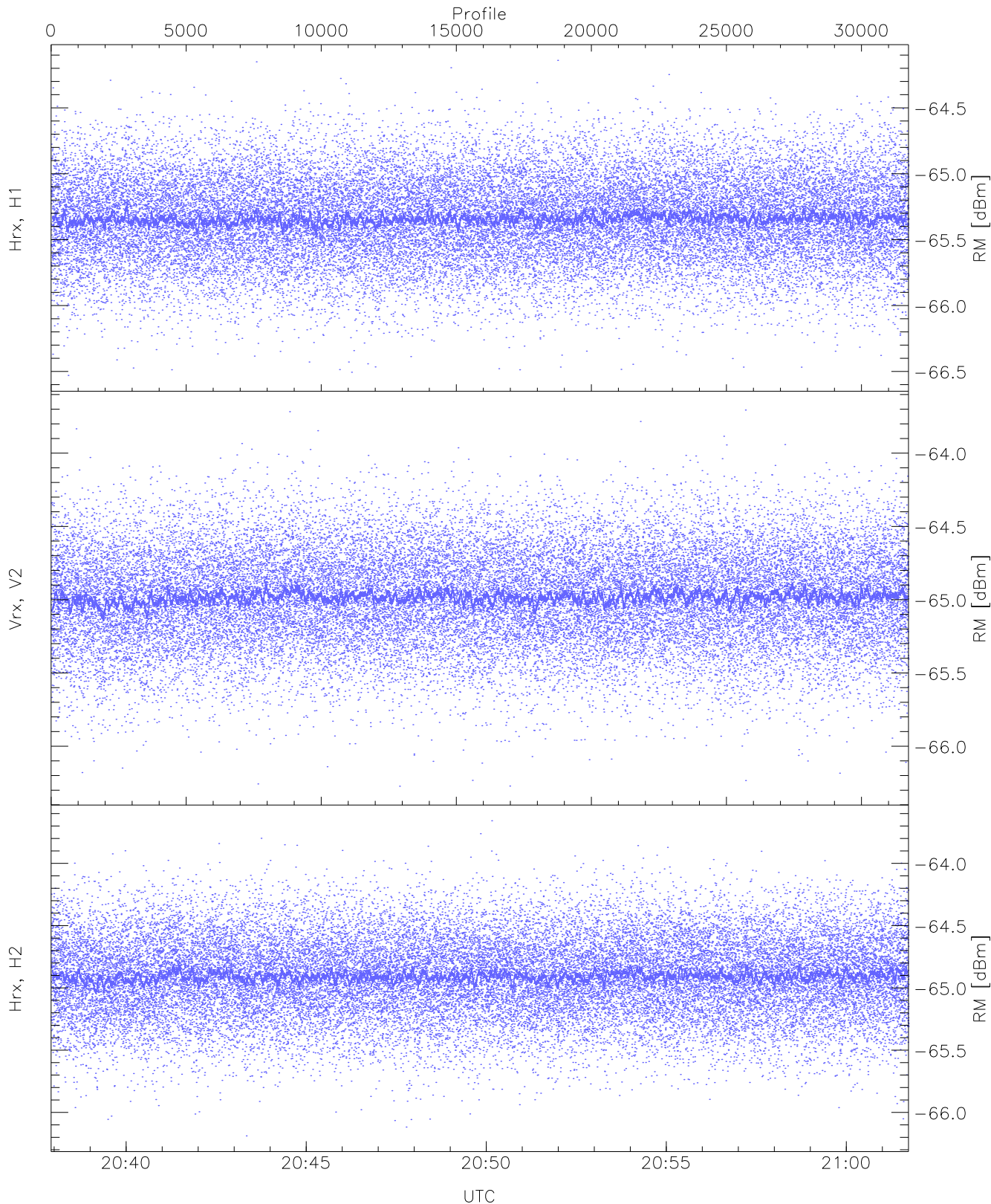
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.15	-63.64	-64.87	-64.88	-76.40
Vrx, V2 (WL [dBm])	-66.26	-63.67	-64.88	-64.89	-76.42
Hrx, H2 (WL [dBm])	-66.04	-63.69	-64.87	-64.88	-76.37



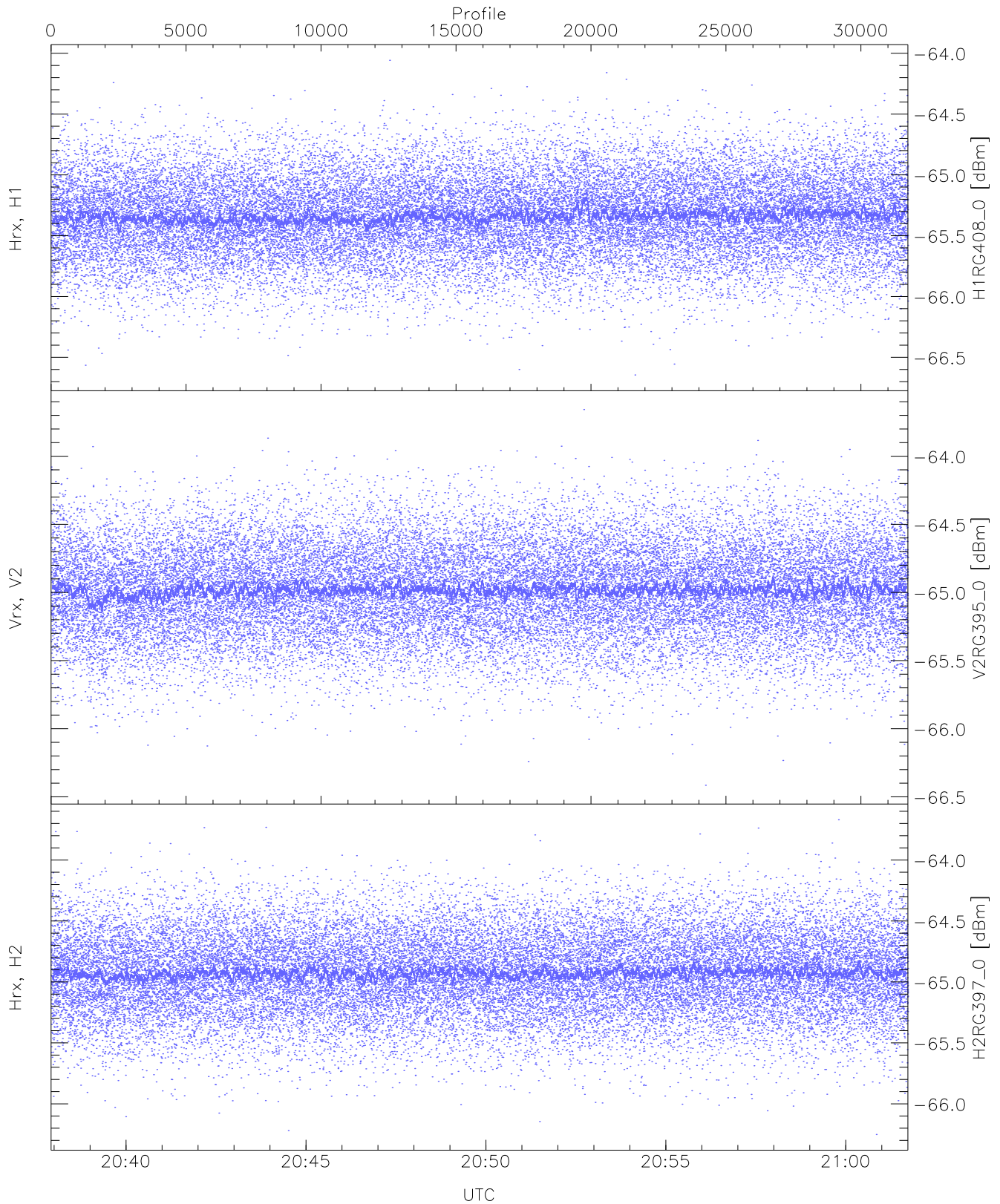
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.01	-63.54	-64.67	-64.68	-76.18
Vrx, V2 (HL [dBm])	-65.93	-63.44	-64.69	-64.70	-76.22
Hrx, H2 (HL [dBm])	-66.03	-63.43	-64.68	-64.68	-76.17



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

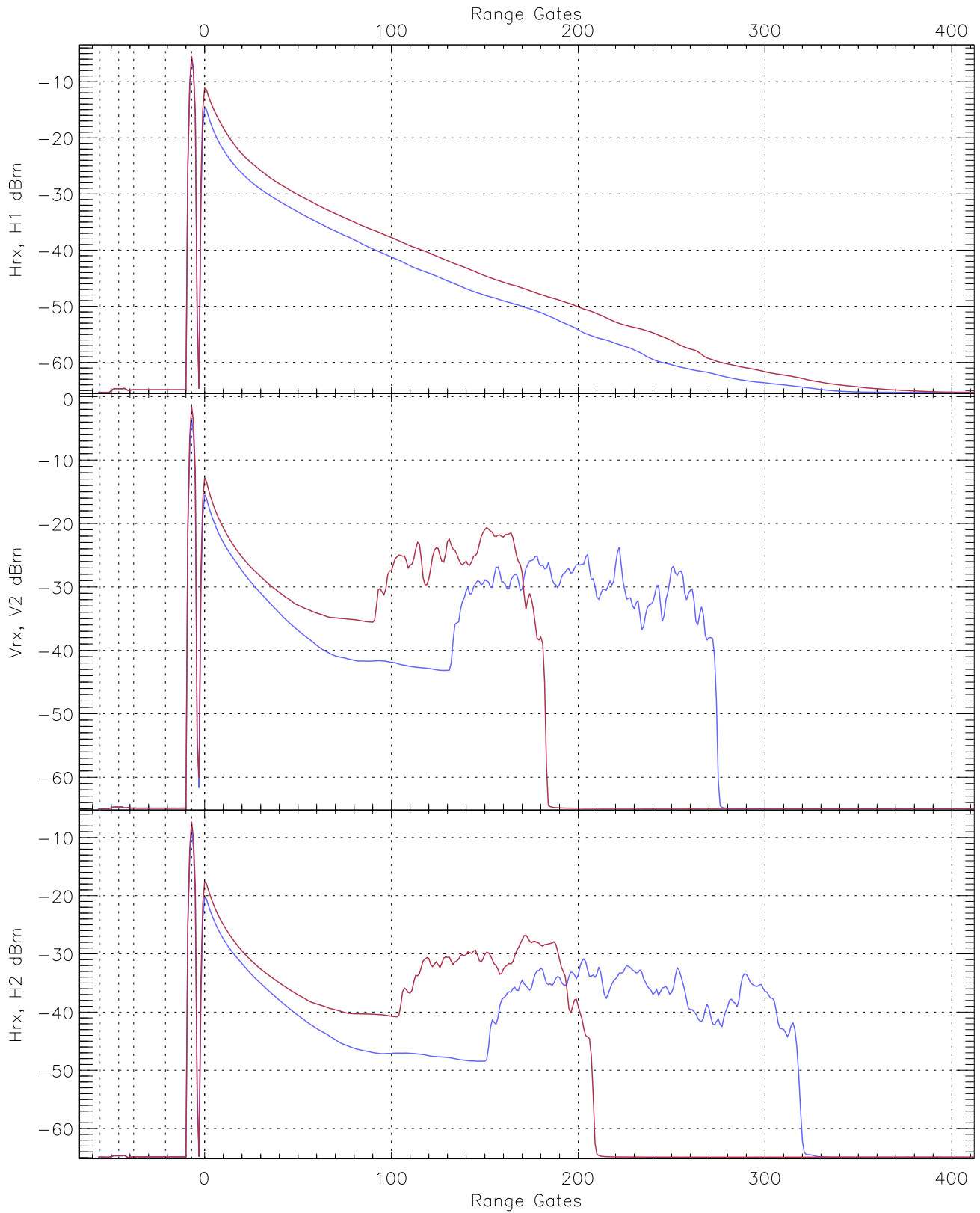
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.53	-64.14	-65.34	-65.34	-76.86
Vrx, V2 (RM [dBm])	-66.27	-63.71	-64.98	-64.98	-76.48
Hrx, H2 (RM [dBm])	-66.19	-63.66	-64.90	-64.91	-76.41



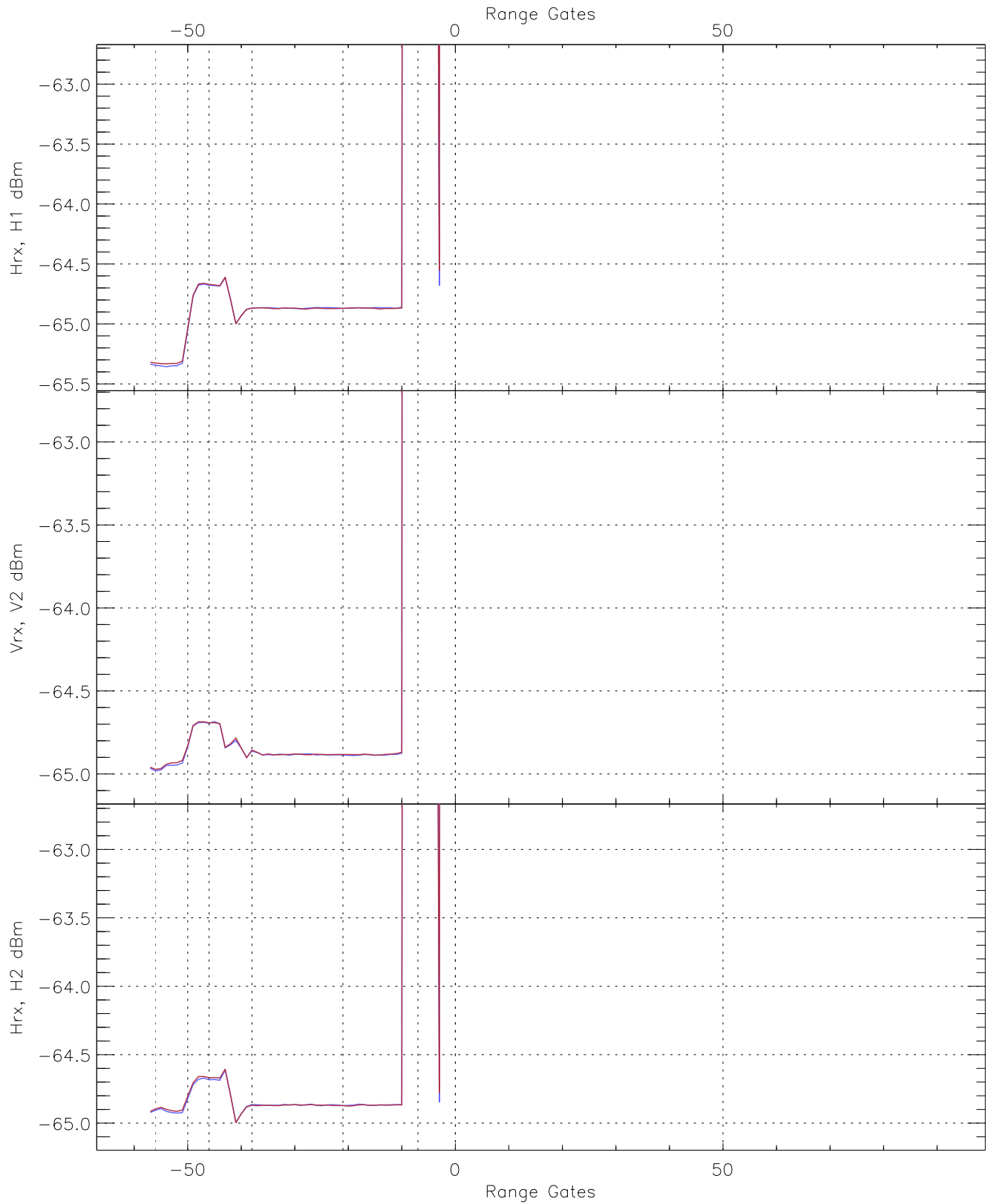
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG408_0 [dBm]	-66.65	-64.06	-65.34	-65.34	-76.86
V2RG395_0 [dBm]	-66.42	-63.66	-64.98	-64.99	-76.46
H2RG397_0 [dBm]	-66.25	-63.67	-64.92	-64.93	-76.40

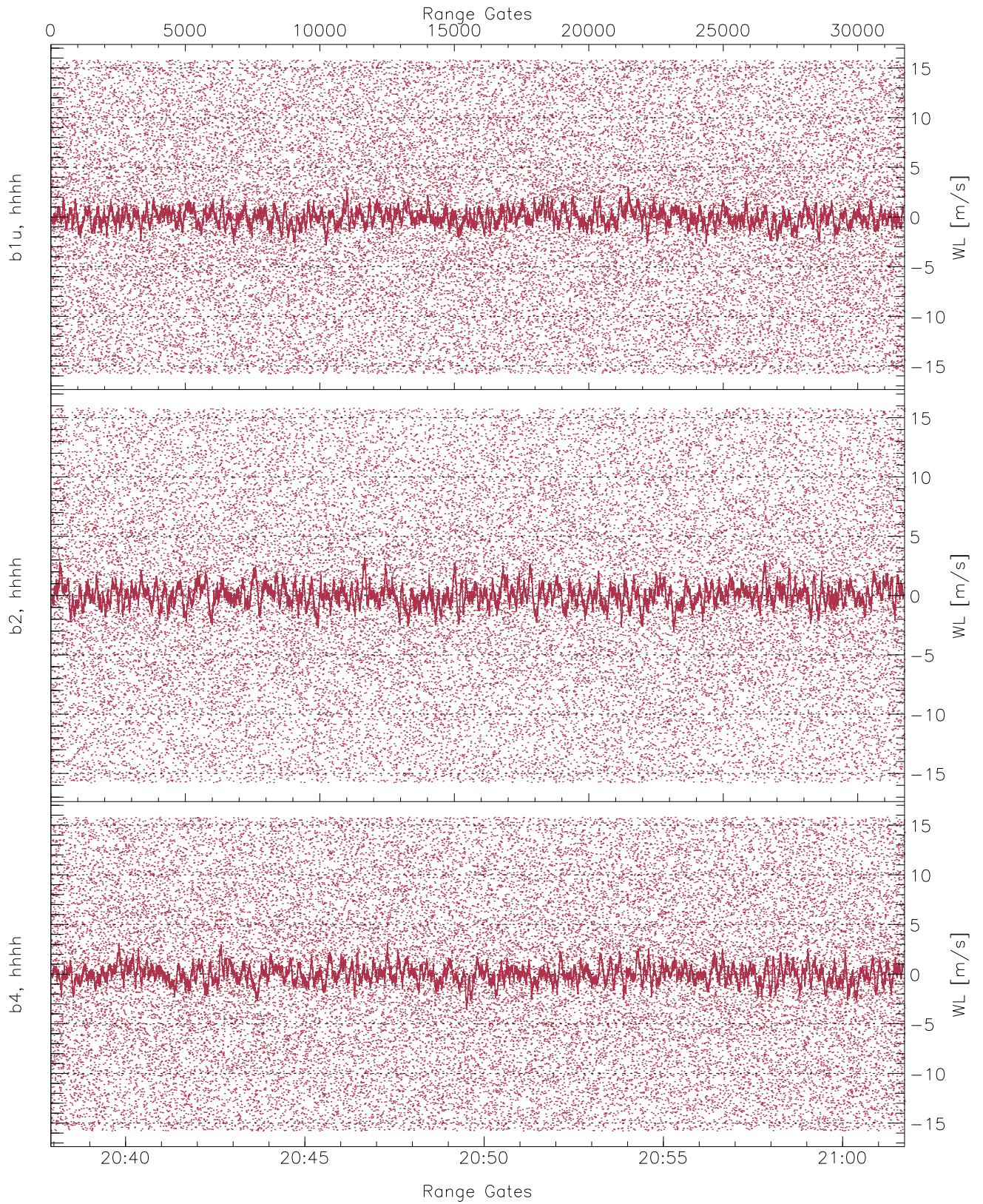




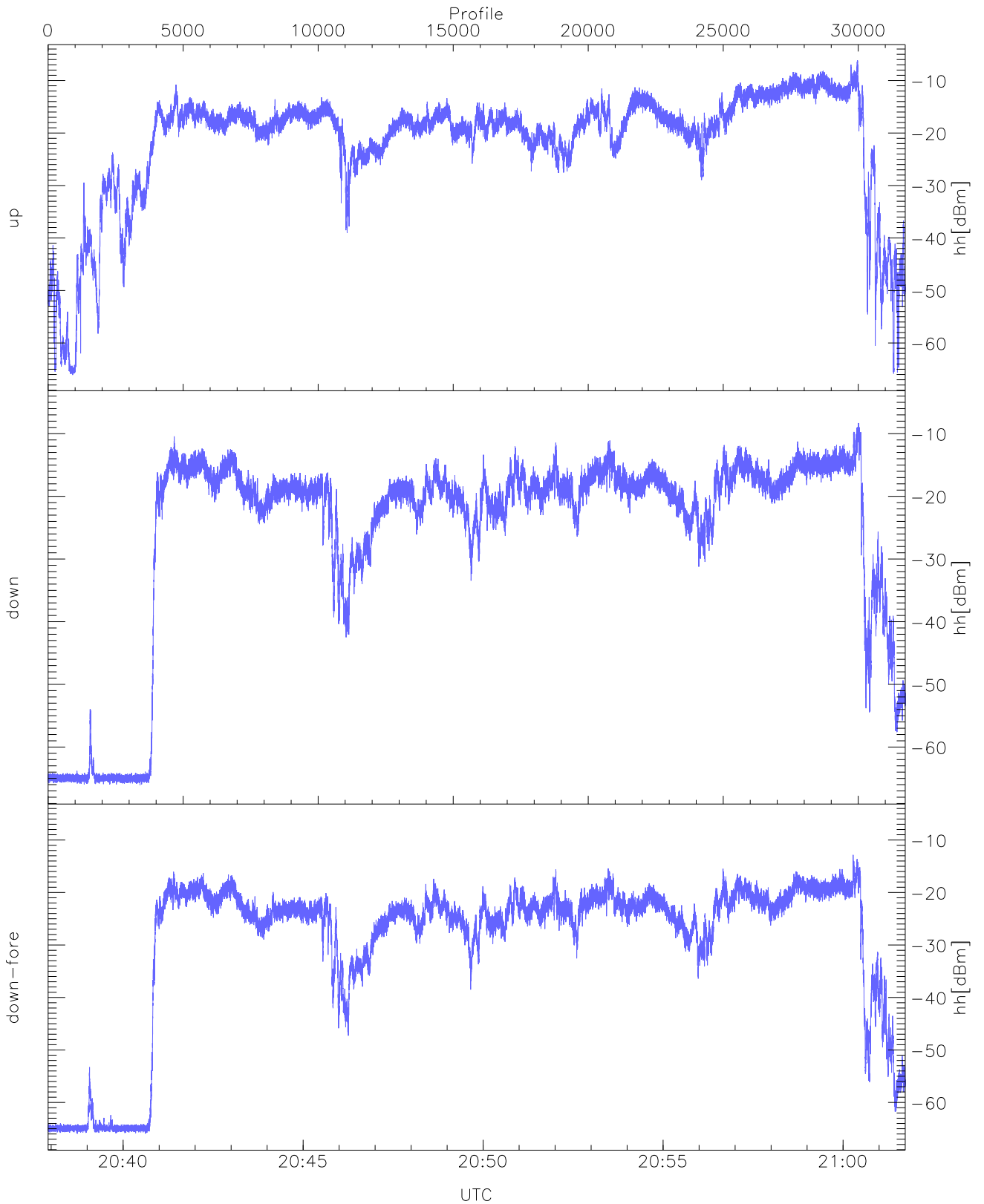
WCR3 CPP Averaged Received power for all recorded gates  
blue: 203755-204949, 15871 profiles averaged  
red: 204949-210144, 15871 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 203755-204949, 15871 profiles averaged  
red: 204949-210144, 15871 profiles averaged

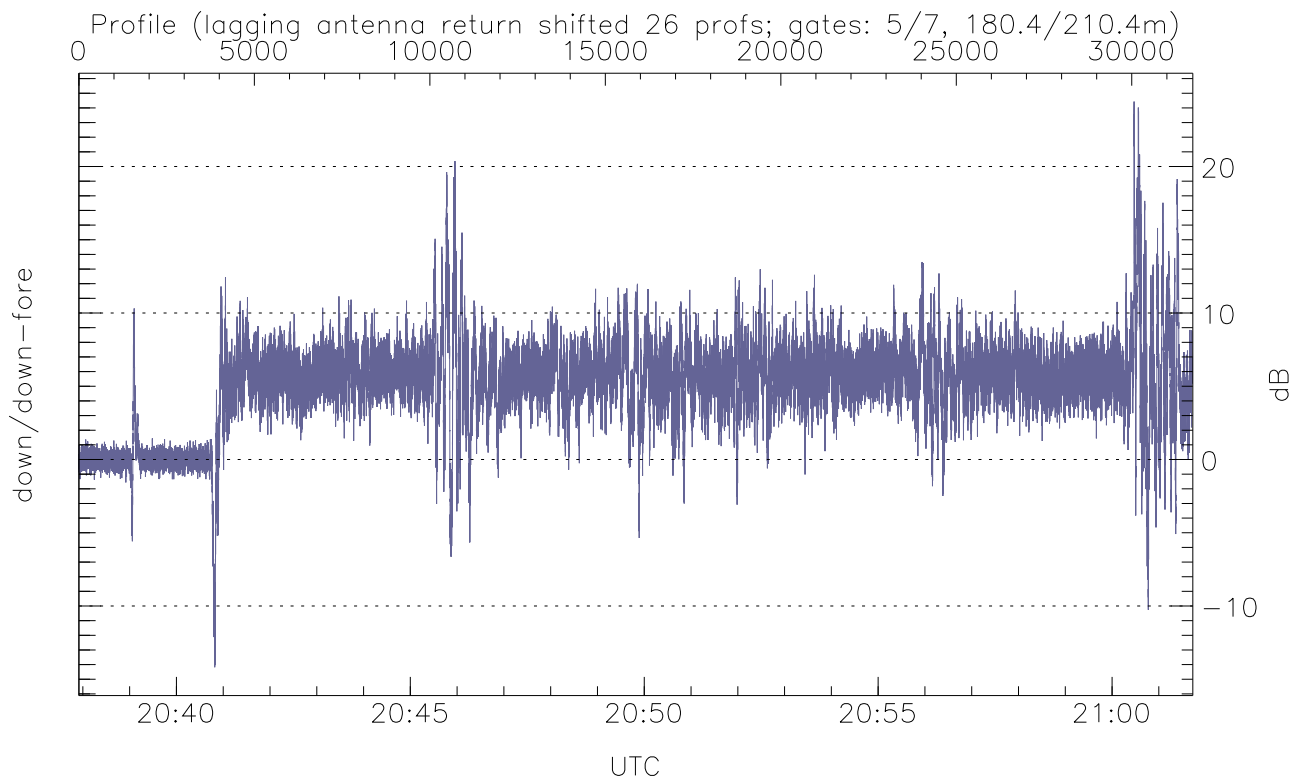
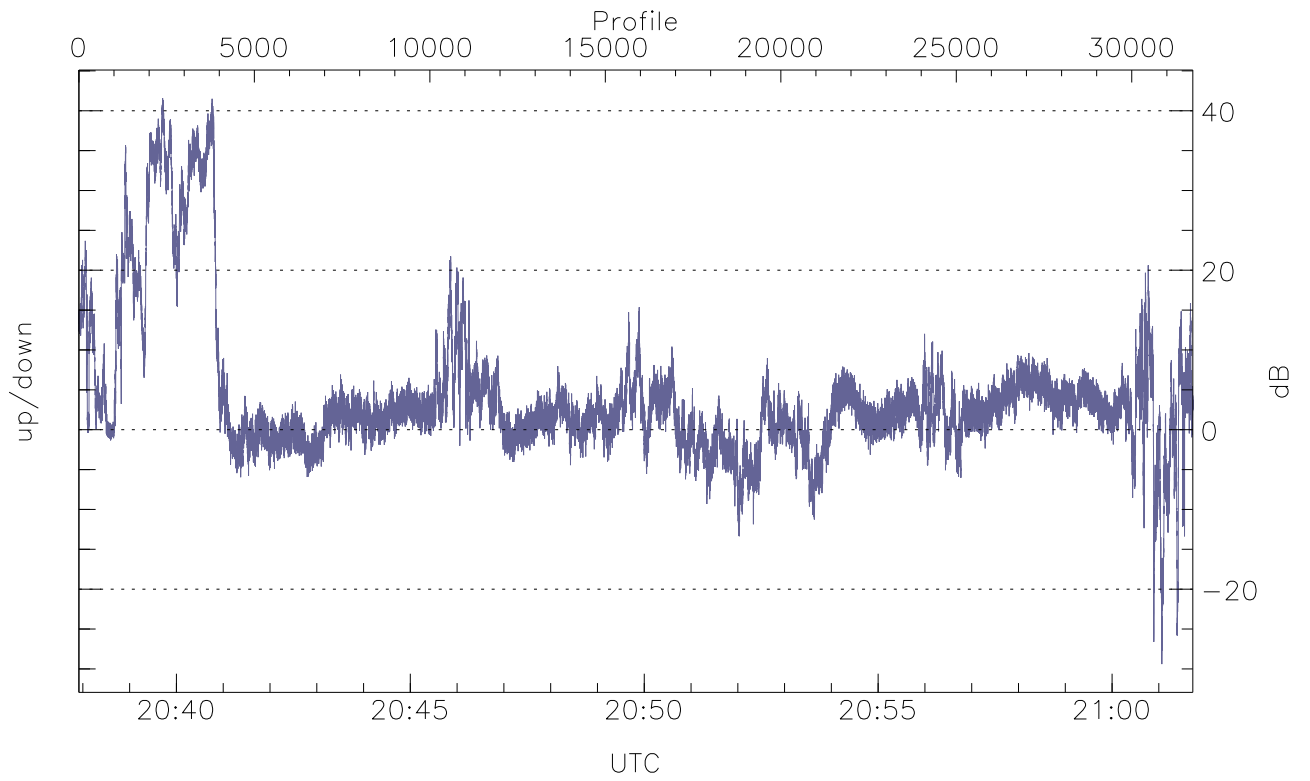


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



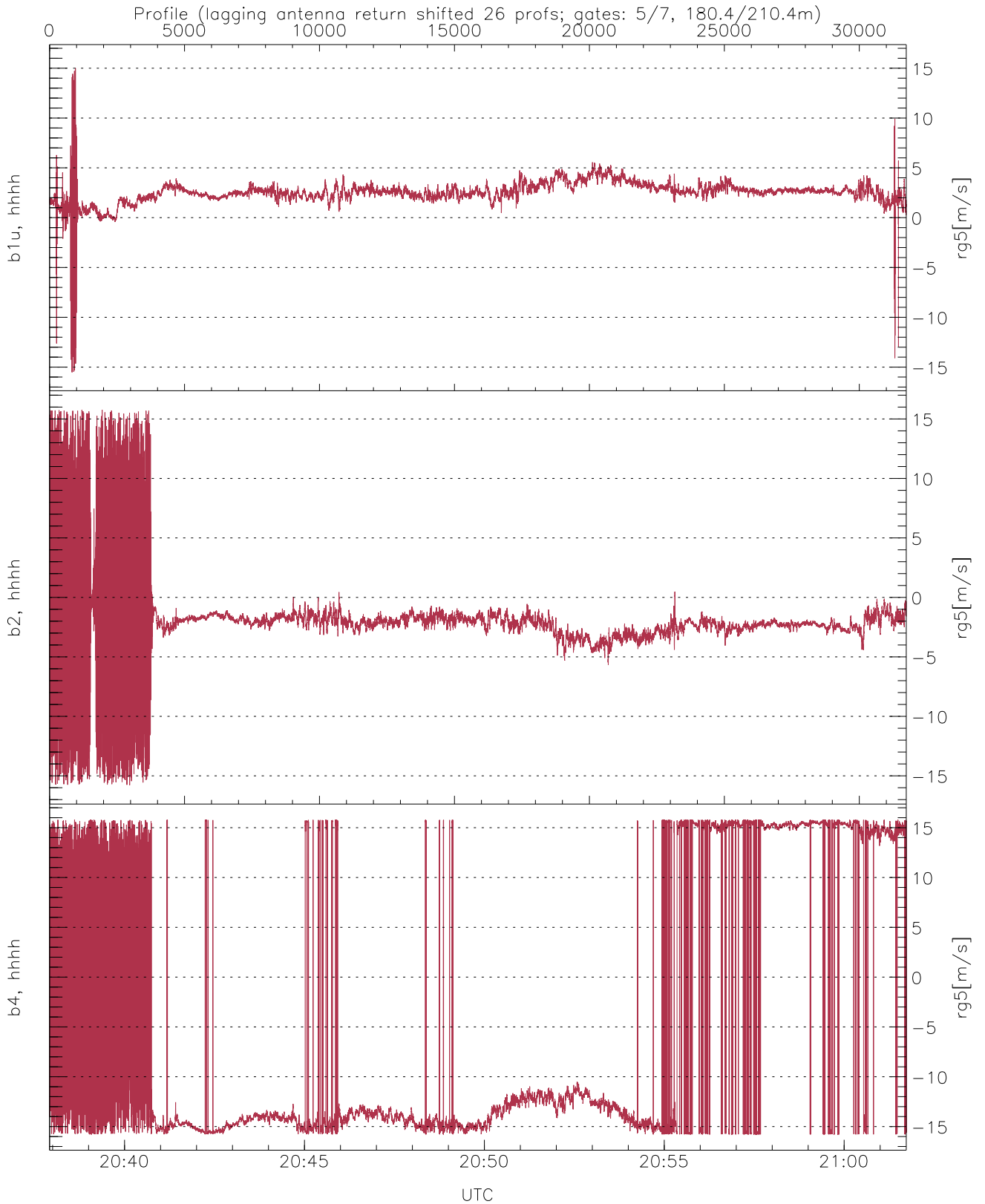
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.10	-6.14	-16.56
down(hh[dBm])	-66.06	-8.30	-18.39
down-fore(hh[dBm])	-65.95	-12.83	-22.79



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

	Min	Max	Mean
up/down (dB)	-29.39	41.56	4.24
down/down-fore (dB)	-14.18	24.44	5.08



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.53	15.02	2.53	1.10
b2, hhhh(rg5[m/s])	-15.78	15.77	-1.99	2.91
b4, hhhh(rg5[m/s])	-15.79	15.79	-5.10	13.05