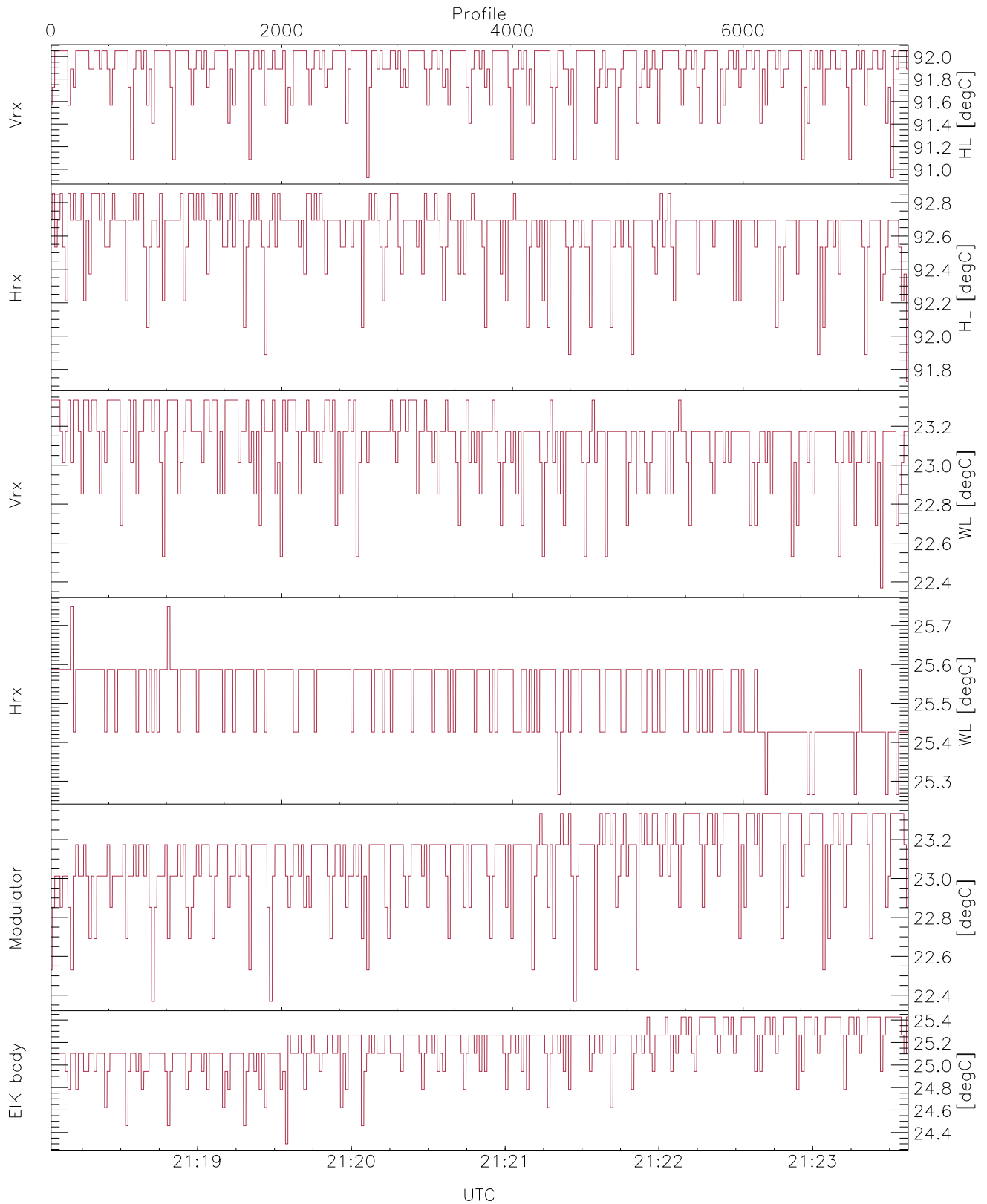


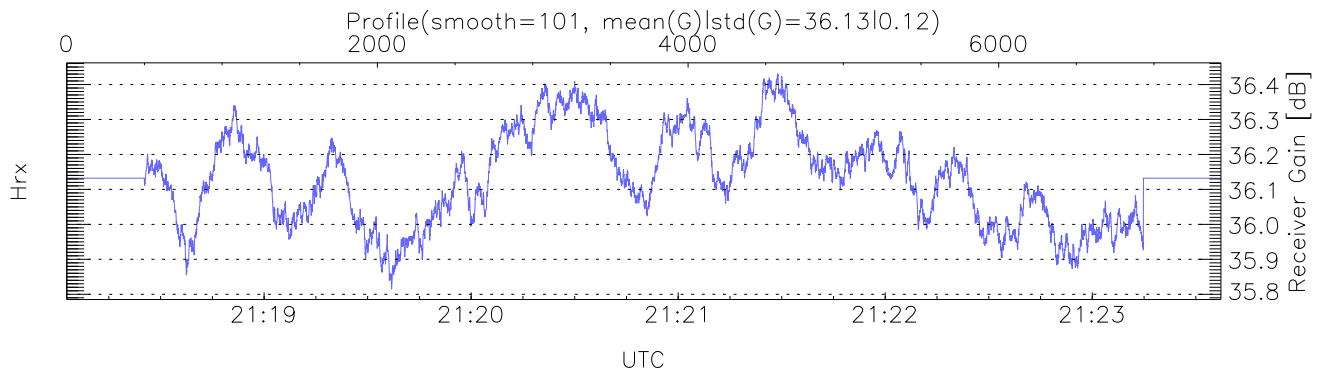
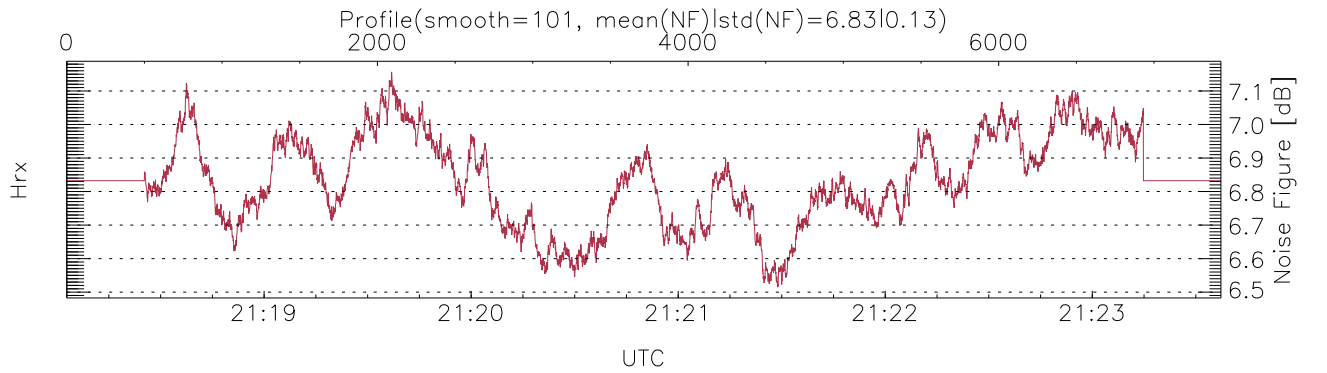
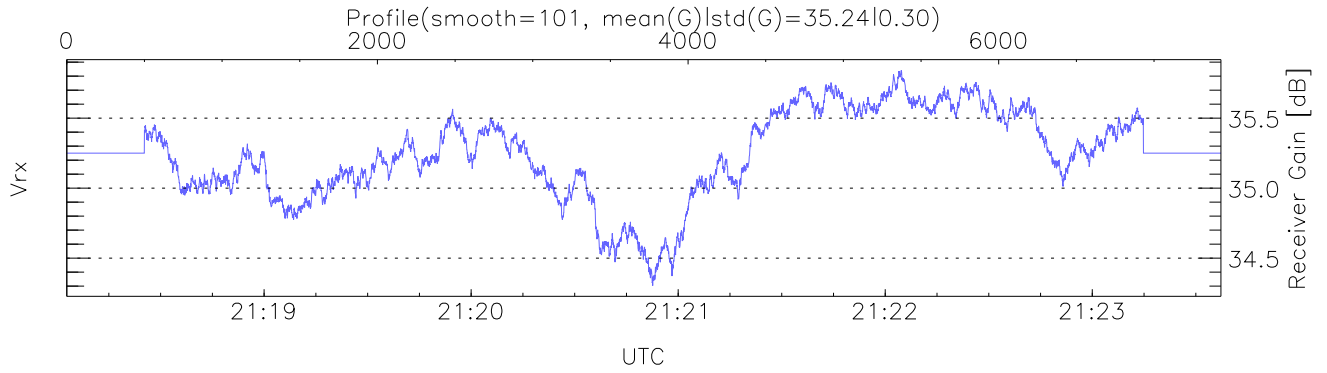
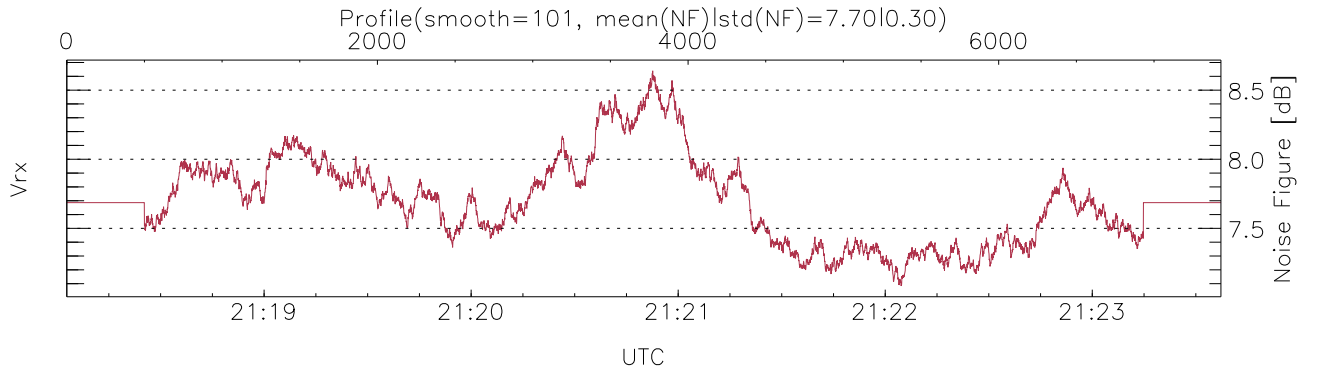
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 21:18:03-21:23:37, TimeCor: 0.00s, Dur: 334.48s
 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): 7432/7432, 0-7431/21:18:03-21:23:37
 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



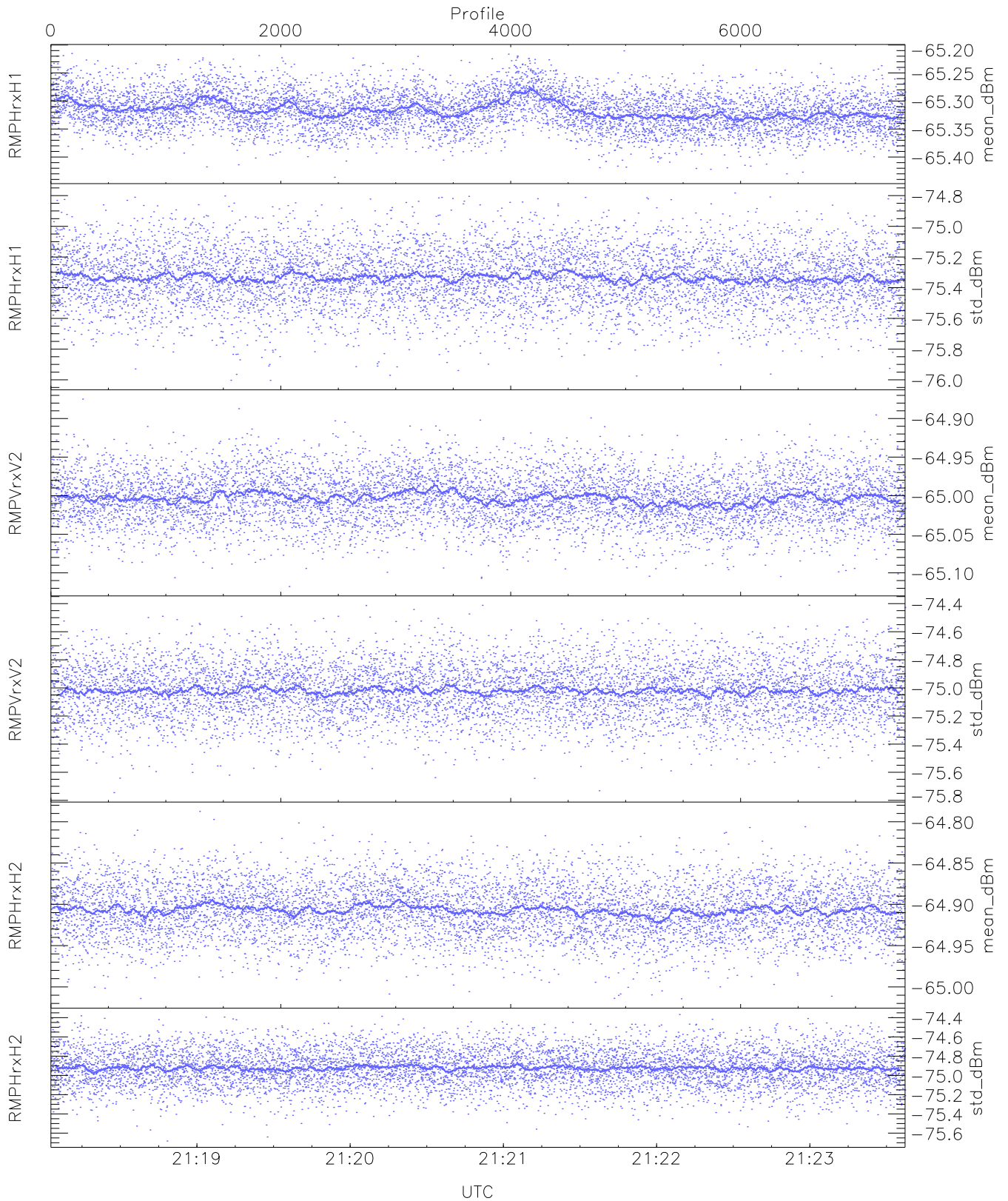
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

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



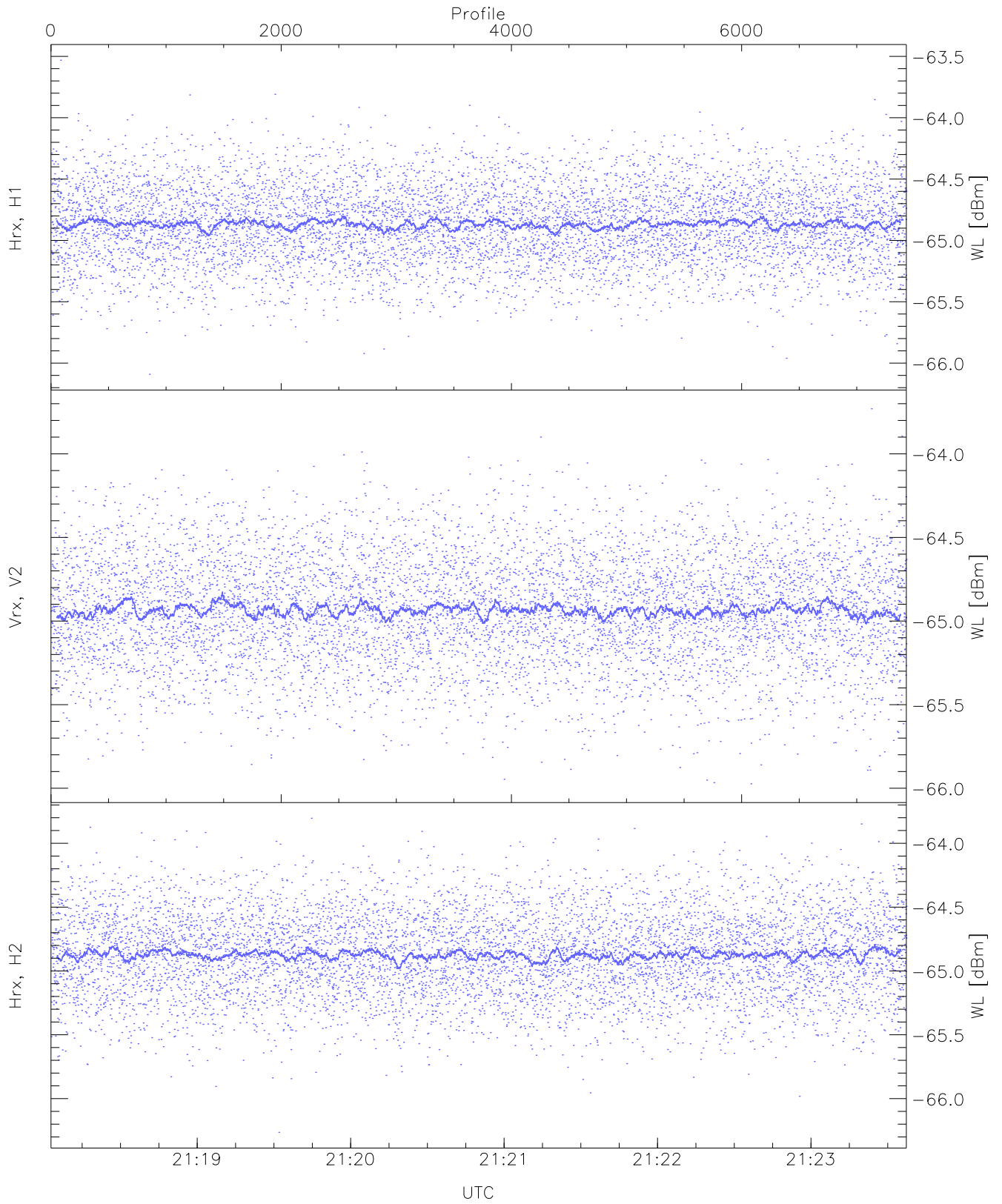
WCR3 CPP Receivers Gain and Noise Figure

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



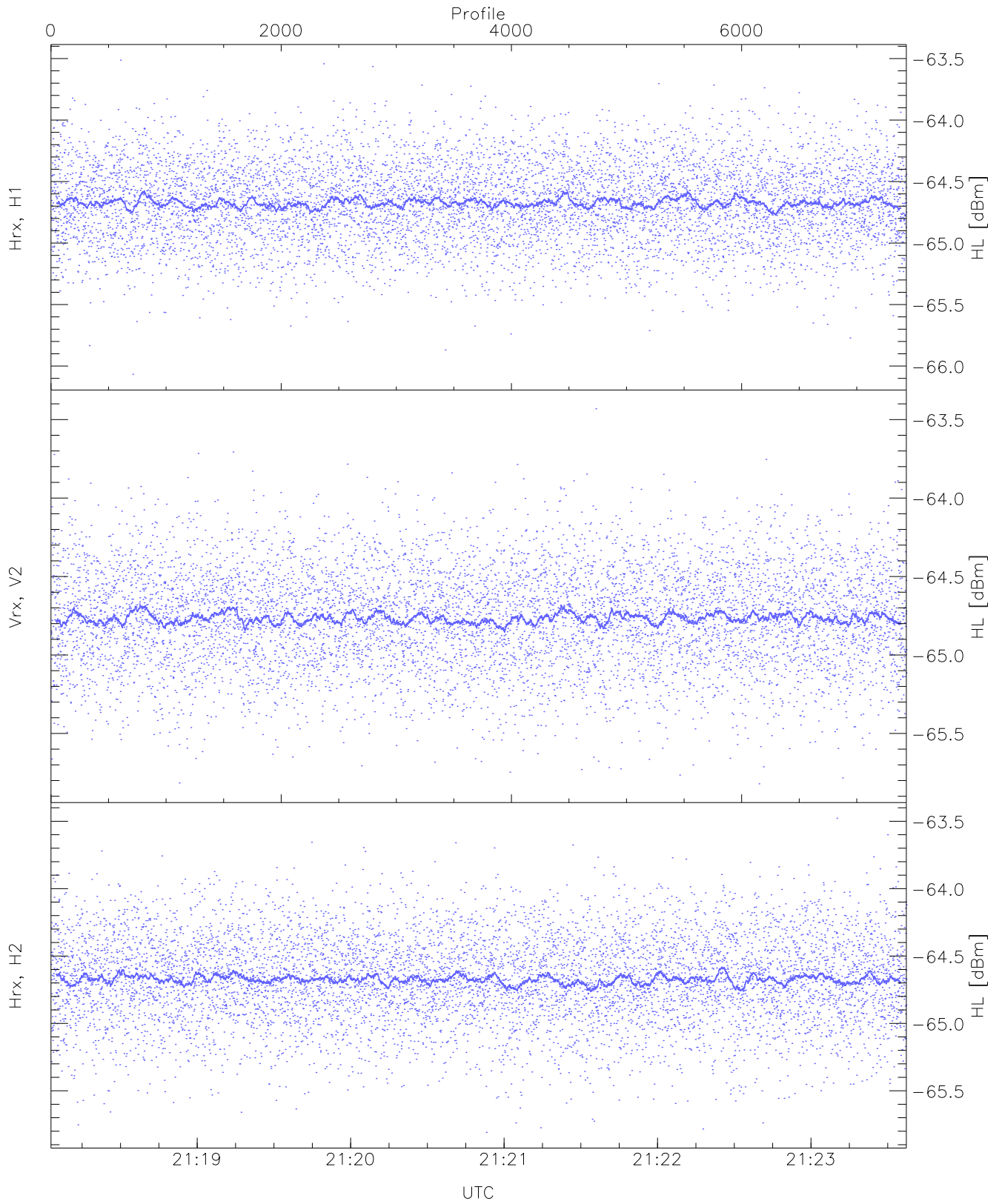
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.44	-65.21	-65.32	-65.32	-86.61
RMPHrxH1(std_dBm)	-76.00	-74.78	-75.33	-75.34	-89.13
RMPVrxV2(mean_dBm)	-65.12	-64.87	-65.00	-65.00	-86.48
RMPVrxV2(std_dBm)	-75.75	-74.41	-75.02	-75.02	-88.80
RMPHrxH2(mean_dBm)	-65.01	-64.79	-64.91	-64.91	-86.43
RMPHrxH2(std_dBm)	-75.68	-74.37	-74.92	-74.93	-88.73



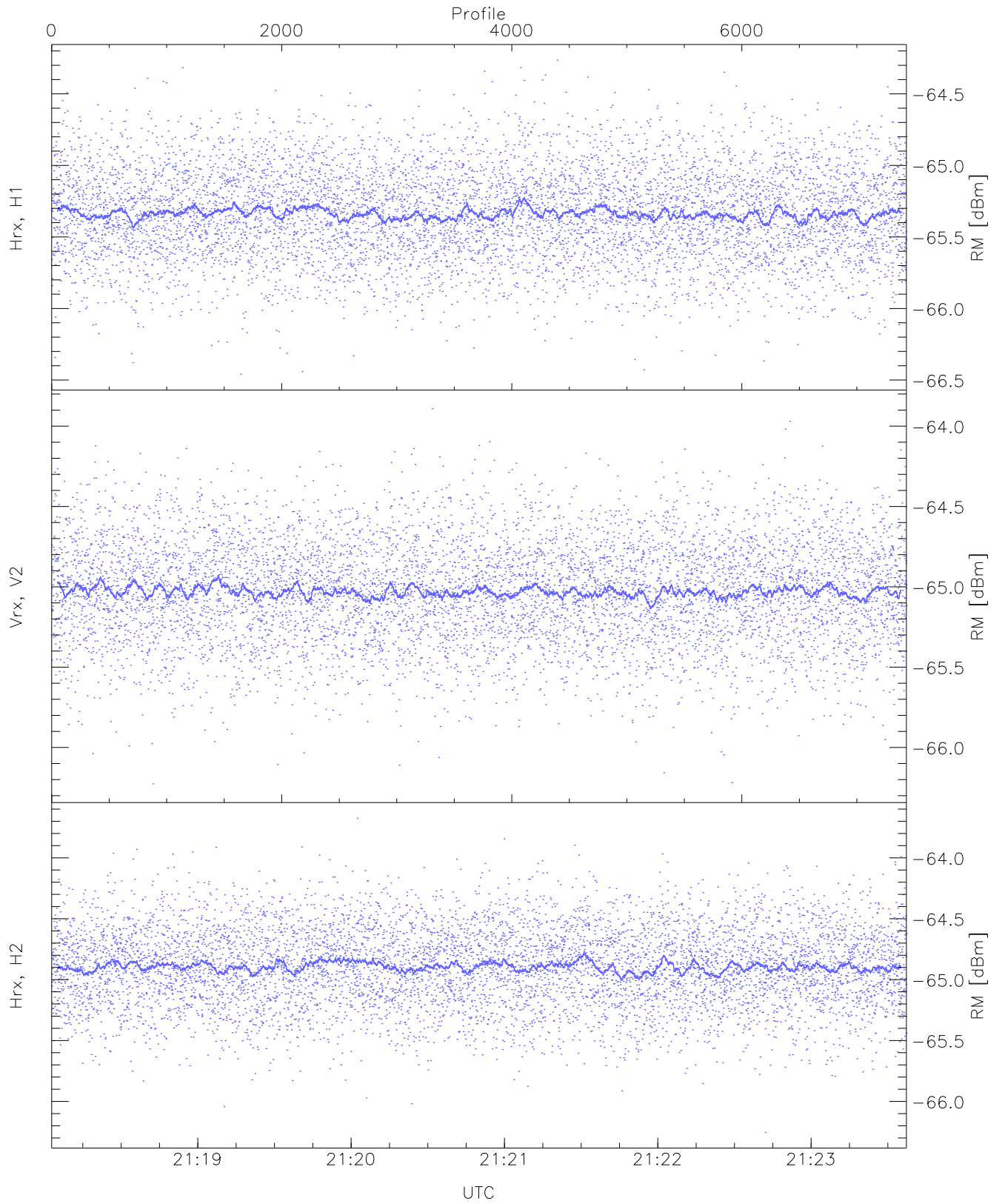
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.09	-63.53	-64.86	-64.87	-76.42
Vrx, V2 (WL [dBm])	-65.97	-63.73	-64.93	-64.94	-76.43
Hrx, H2 (WL [dBm])	-66.26	-63.80	-64.86	-64.87	-76.27



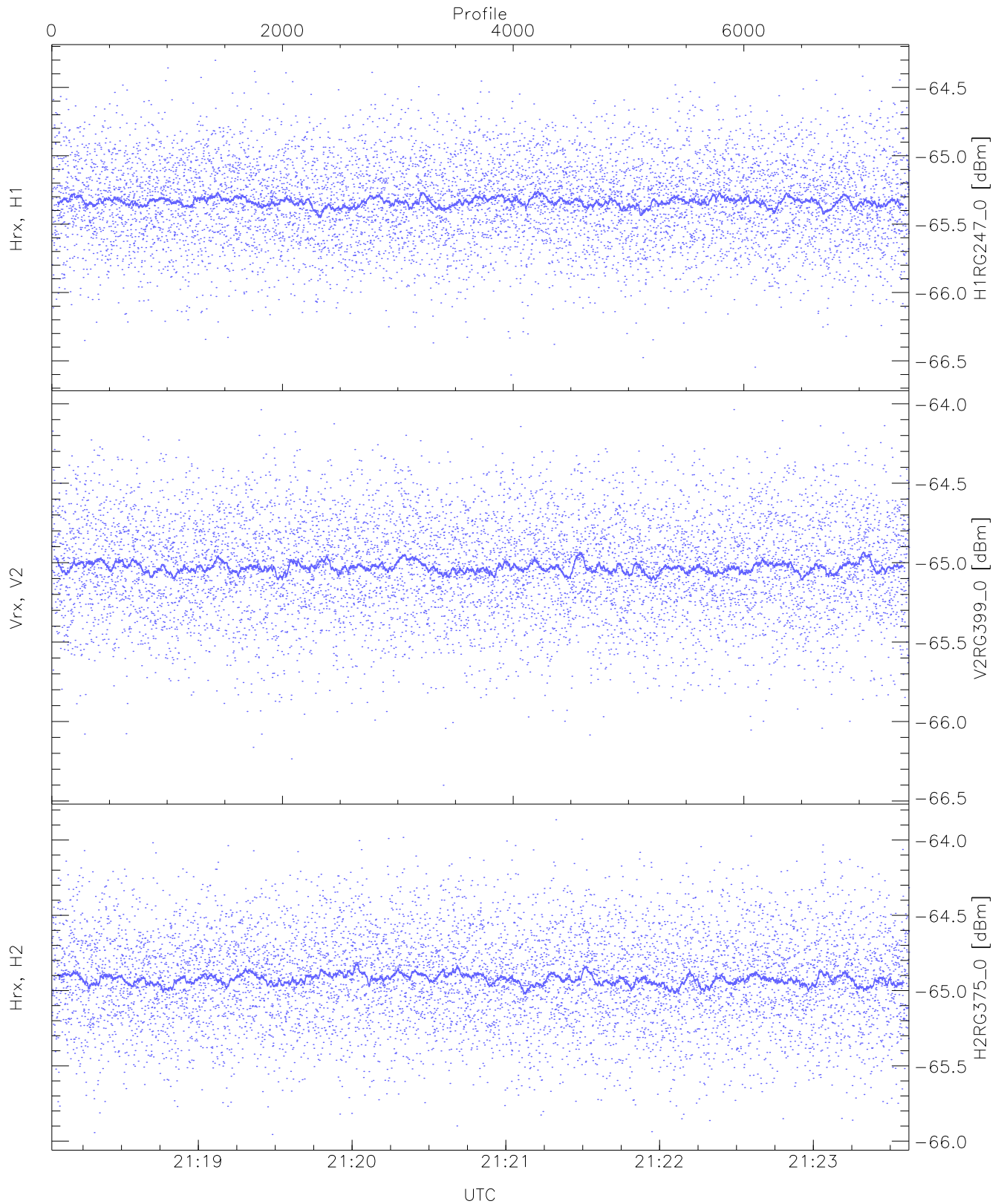
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.07	-63.51	-64.67	-64.68	-76.14
Vrx, V2 (HL [dBm])	-65.82	-63.43	-64.76	-64.76	-76.28
Hrx, H2 (HL [dBm])	-65.81	-63.48	-64.66	-64.68	-76.10



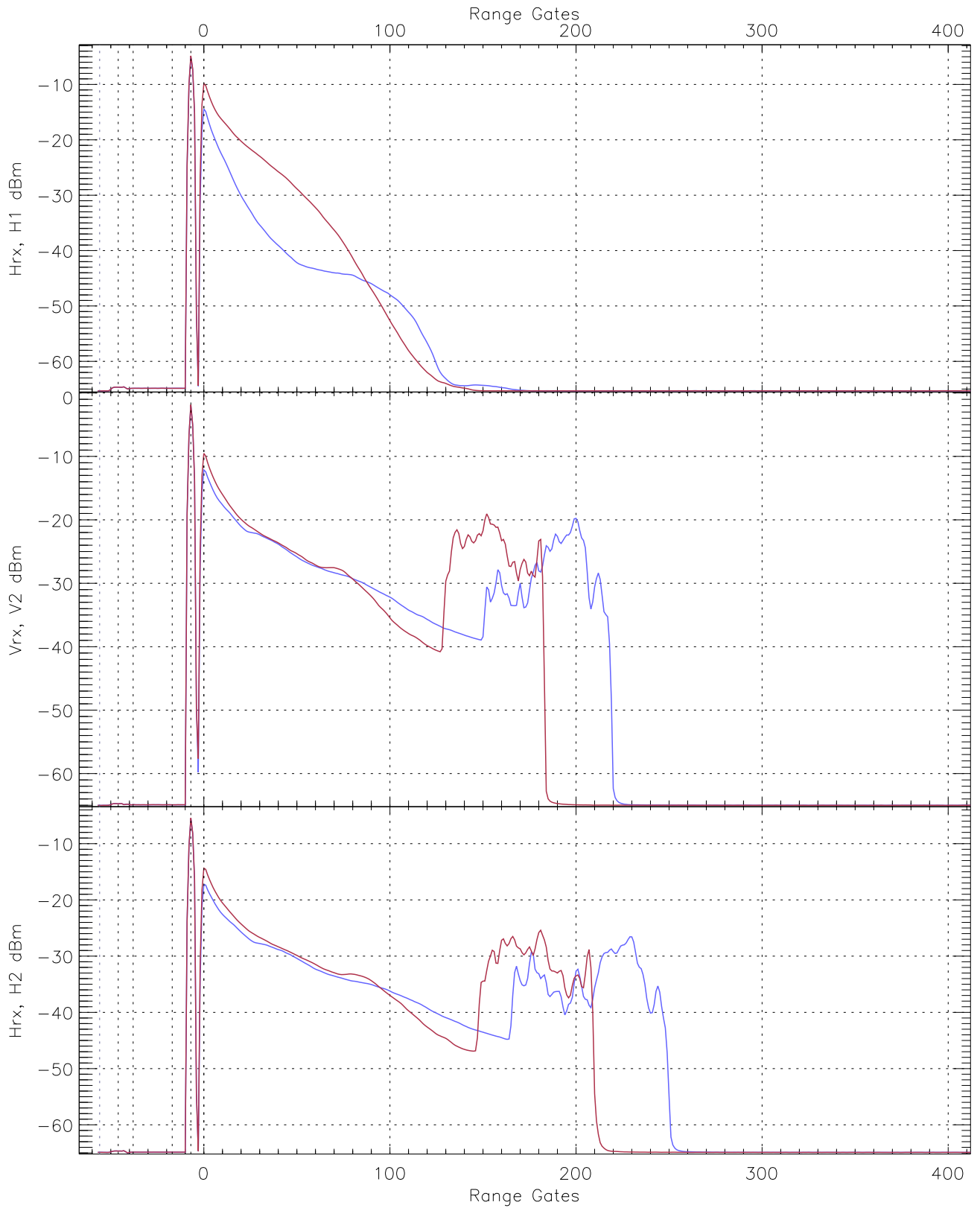
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.46	-64.26	-65.33	-65.34	-76.84
Vrx, V2 (RM [dBm])	-66.23	-63.89	-65.02	-65.03	-76.58
Hrx, H2 (RM [dBm])	-66.25	-63.68	-64.89	-64.89	-76.33

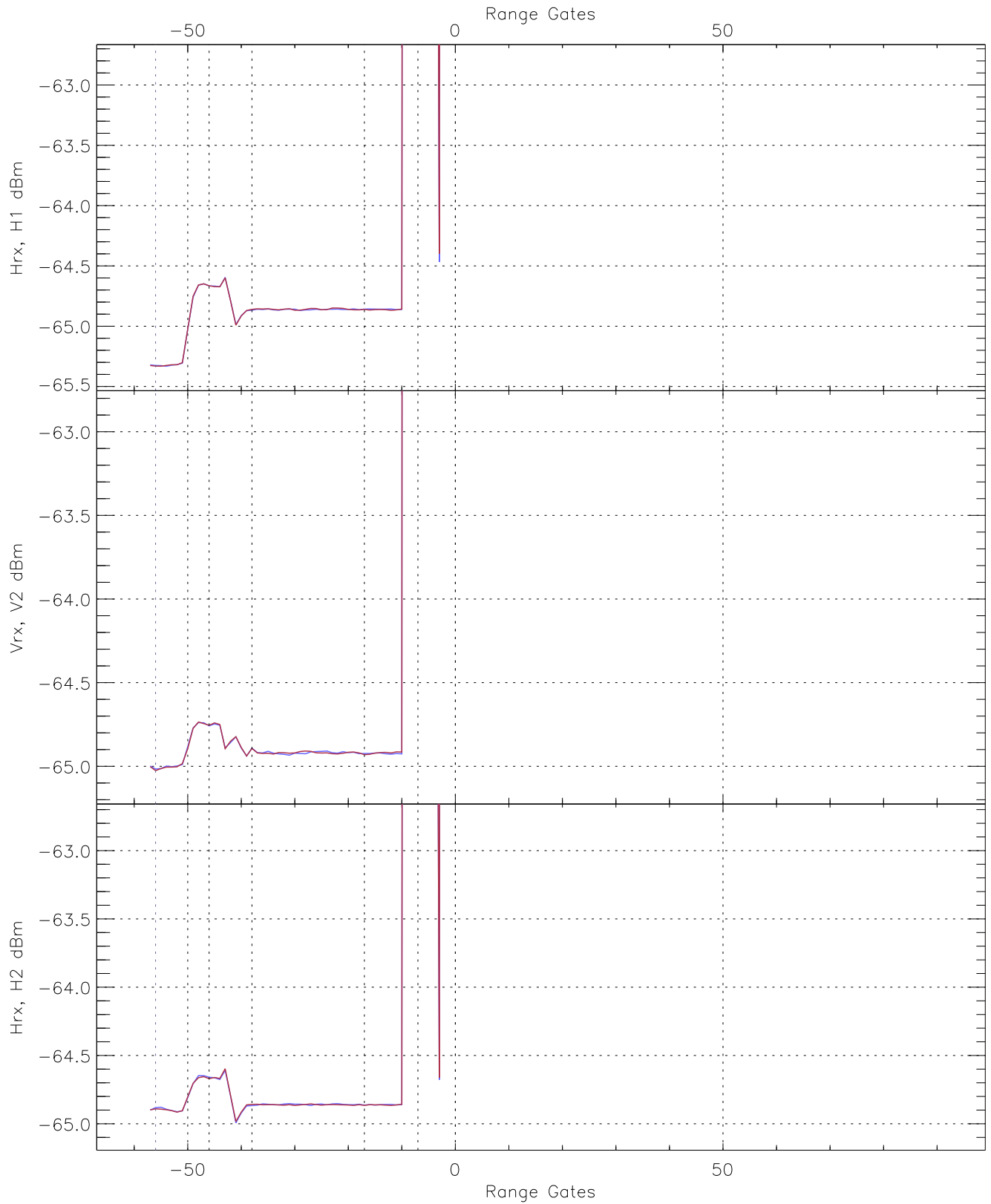


WCR3 CPP "Best" estimate Receivers Noise Power

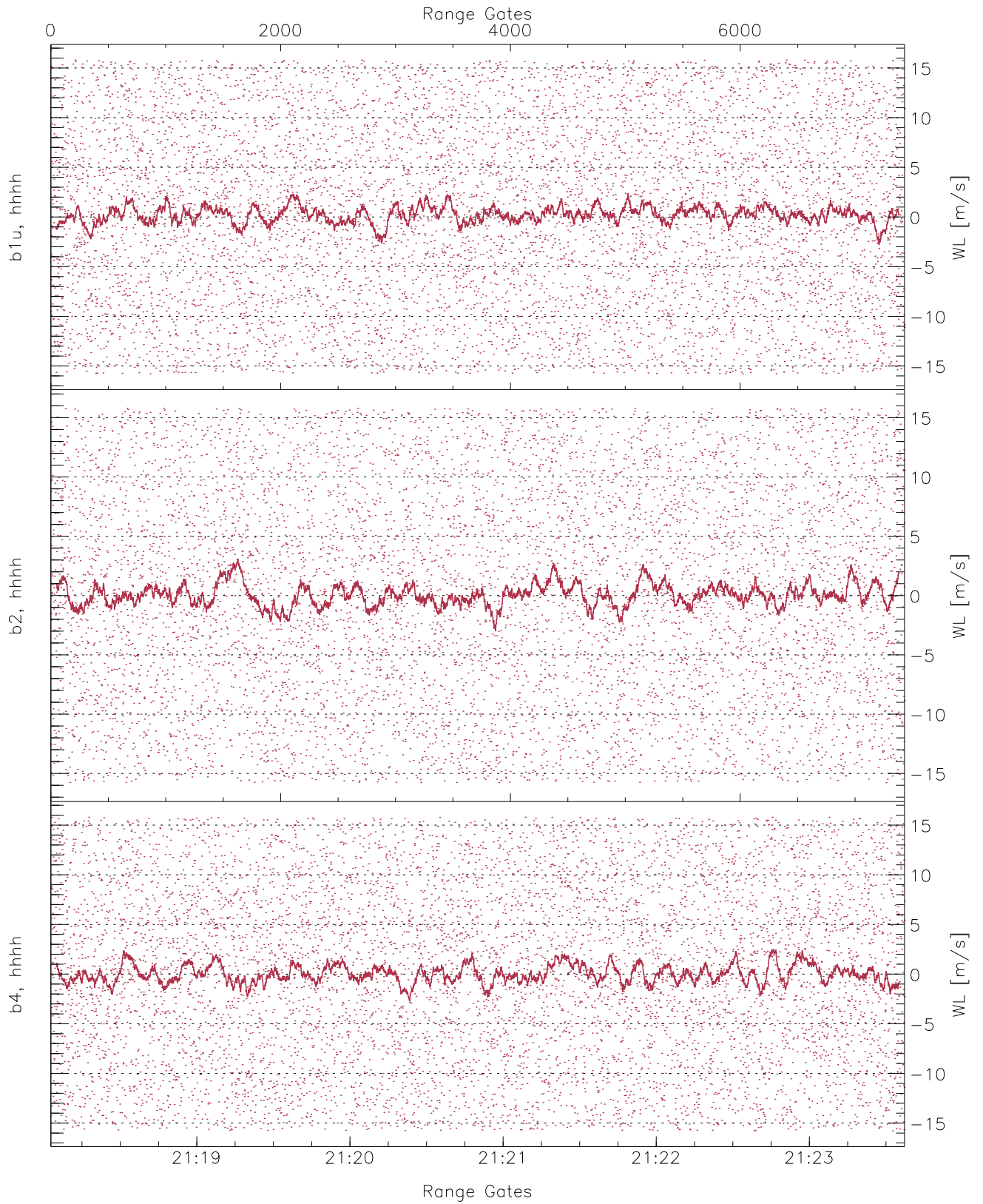
	Min	Max	Mean	Median	StDev
H1RG247_0 [dBm]	-66.60	-64.30	-65.33	-65.33	-76.83
V2RG399_0 [dBm]	-66.40	-64.04	-65.02	-65.03	-76.51
H2RG375_0 [dBm]	-65.96	-63.87	-64.92	-64.93	-76.44



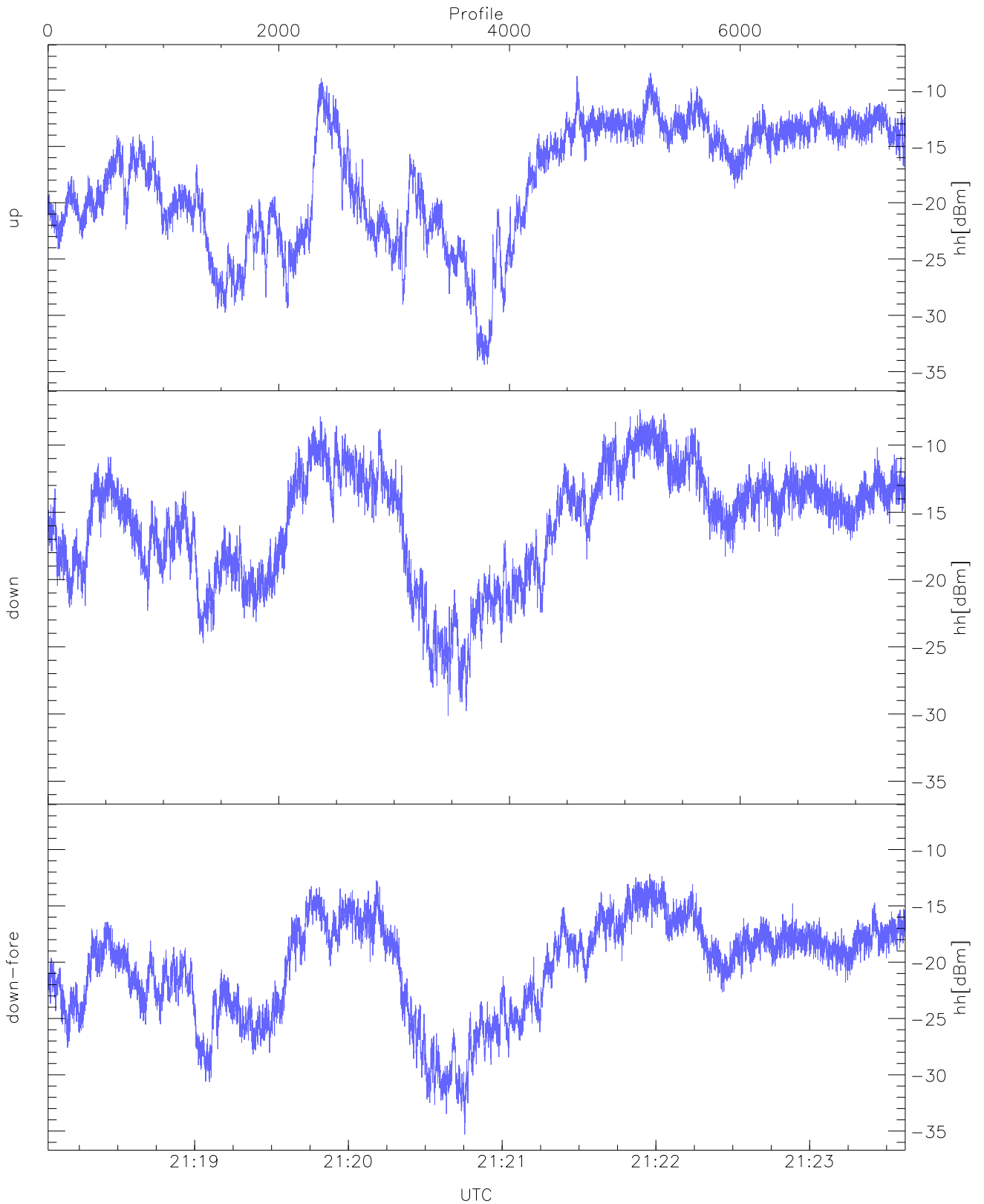
WCR3 CPP Averaged Received power for all recorded gates
blue: 211803-212050, 3717 profiles averaged
red: 212050-212337, 3716 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 211803-212050, 3717 profiles averaged
red: 212050-212337, 3716 profiles averaged

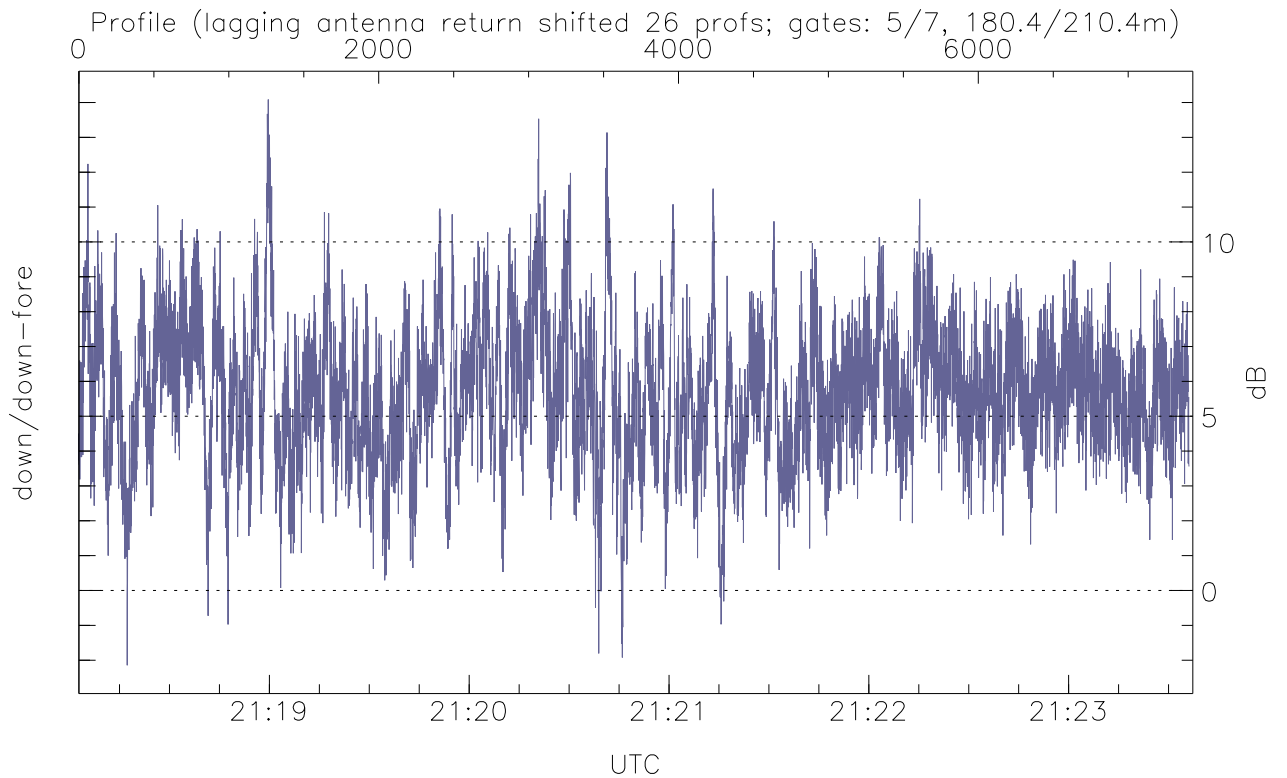
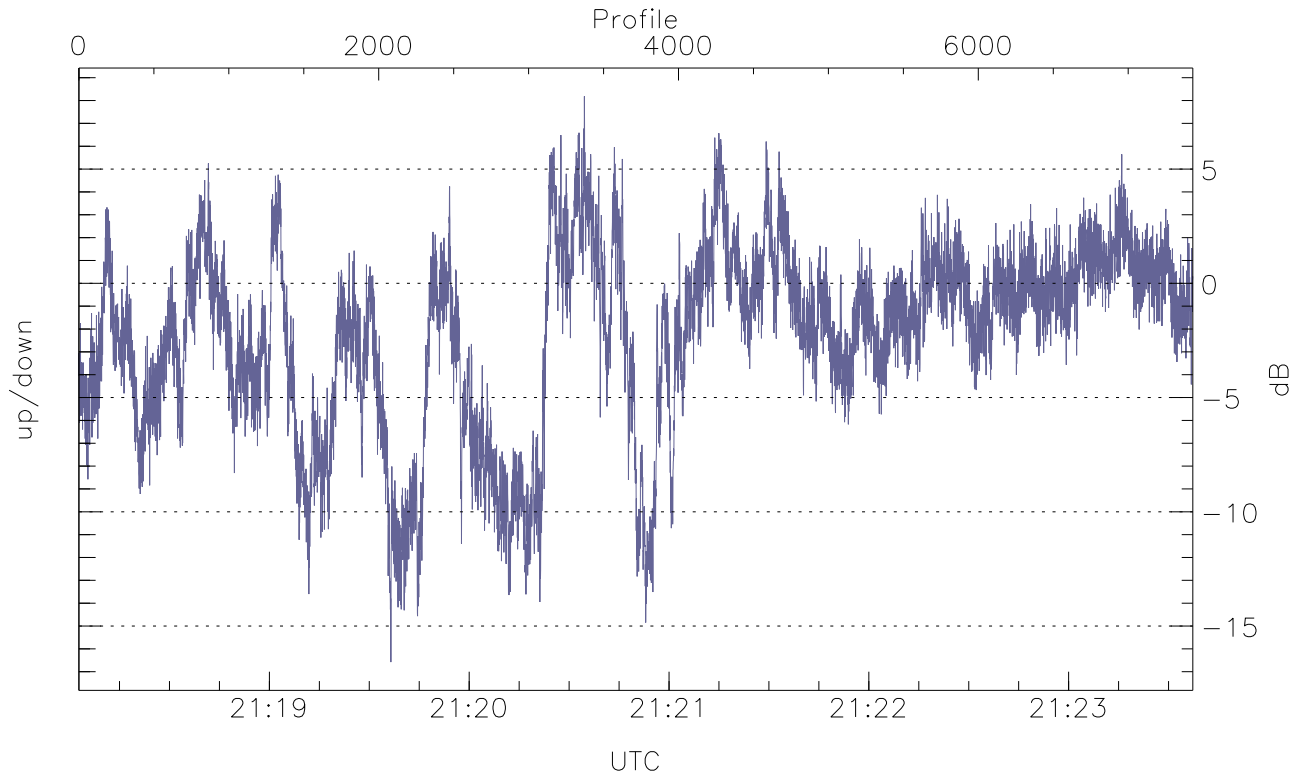


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



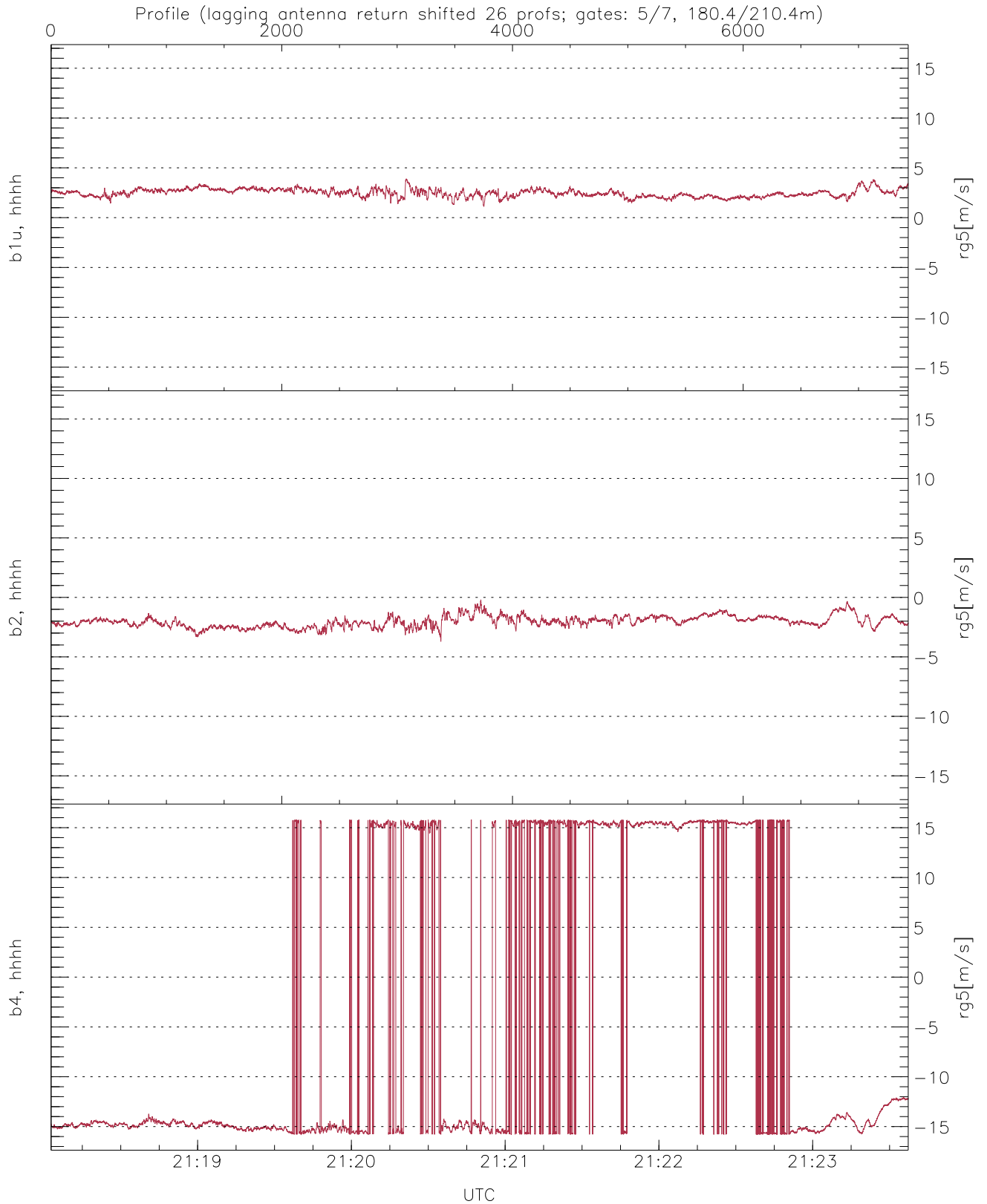
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-34.38	-8.47	-15.73
down(hh[dBm])	-30.13	-7.35	-14.19
down-fore(hh[dBm])	-35.30	-12.17	-18.80



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

	Min	Max	Mean
up/down (dB)	-16.58	8.19	-2.28
down/down-fore (dB)	-2.15	14.09	5.72



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	1.13	3.90	2.47	0.40
b2, hhhh(rg5[m/s])	-3.71	-0.19	-2.03	0.47
b4, hhhh(rg5[m/s])	-15.79	15.79	-4.22	14.53