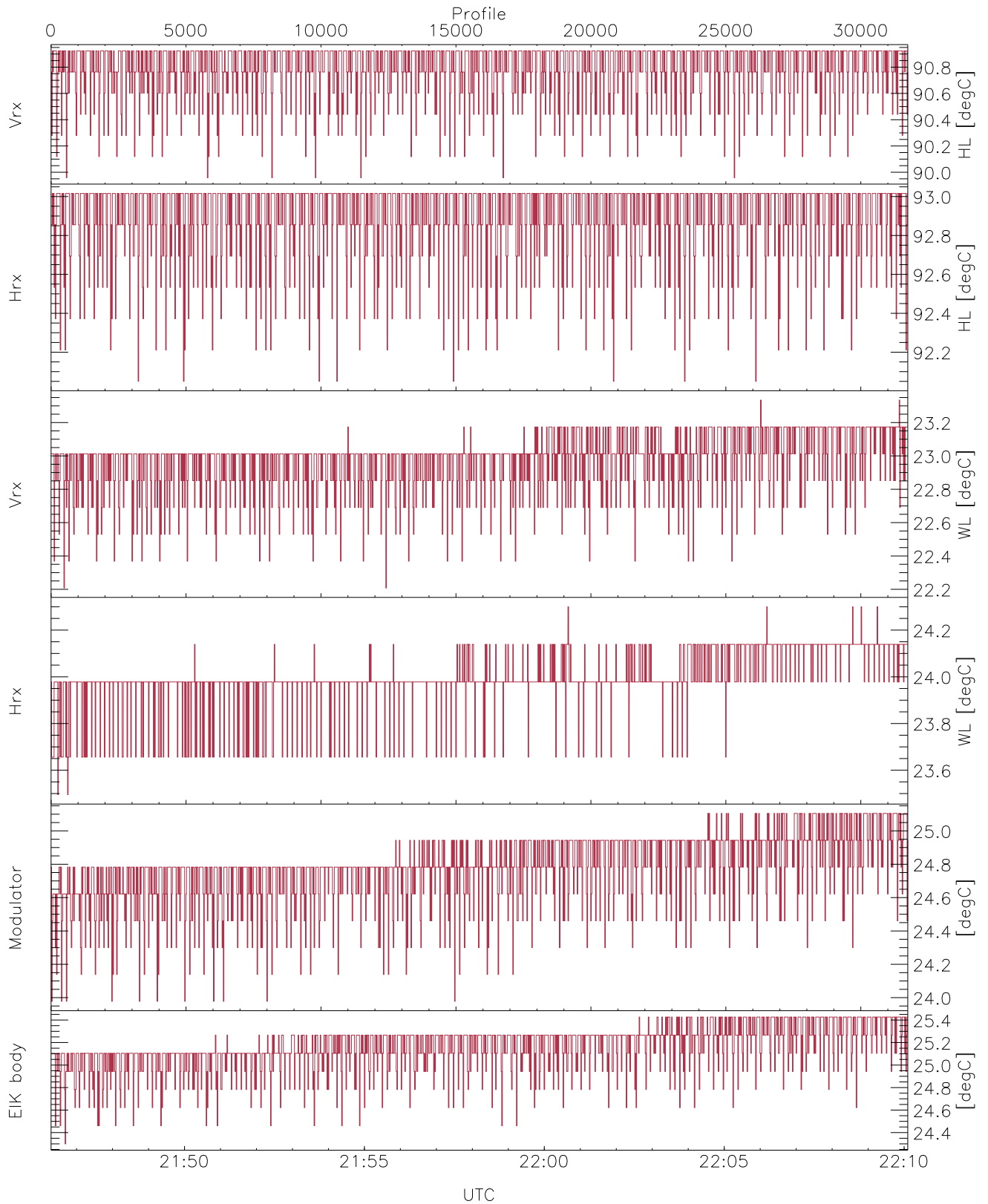


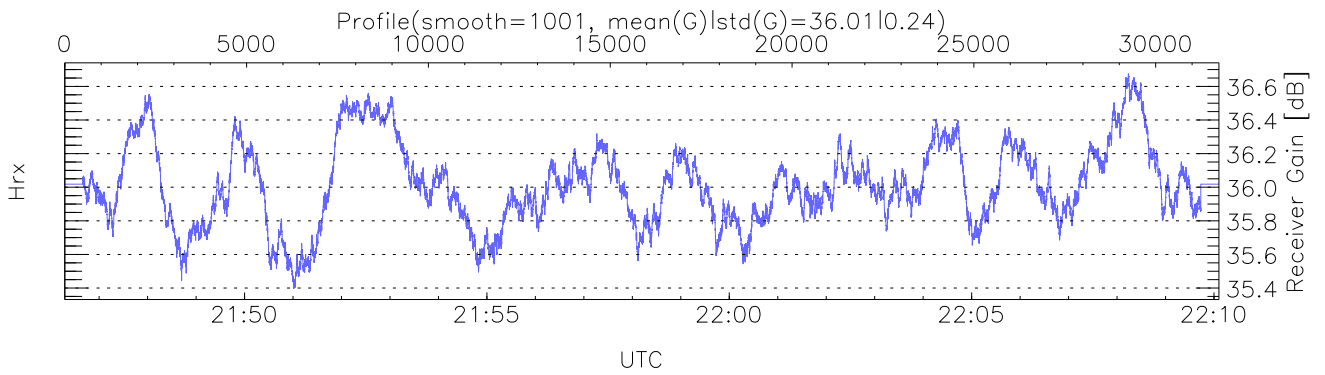
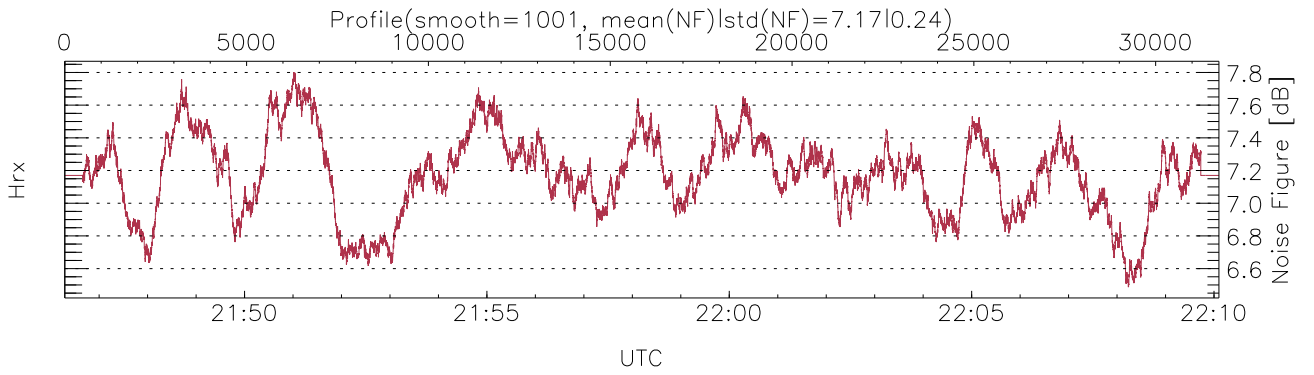
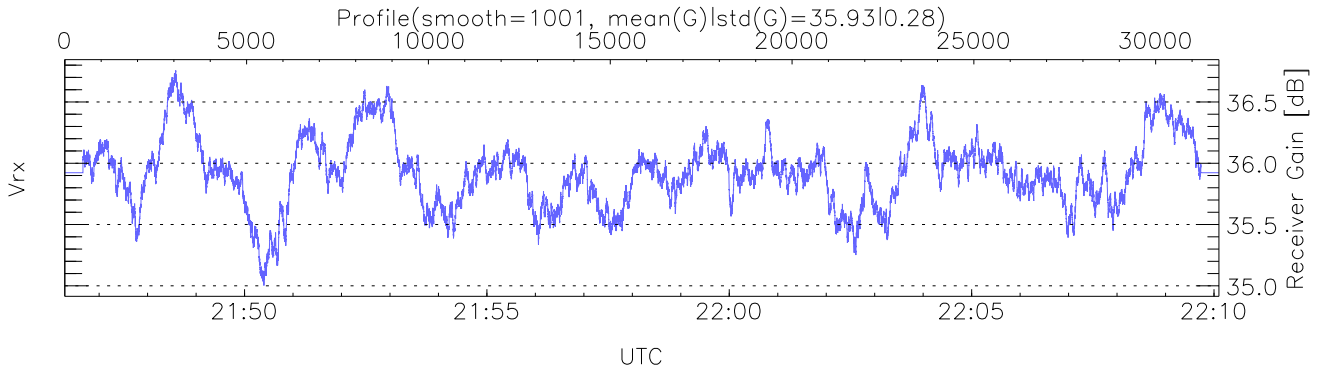
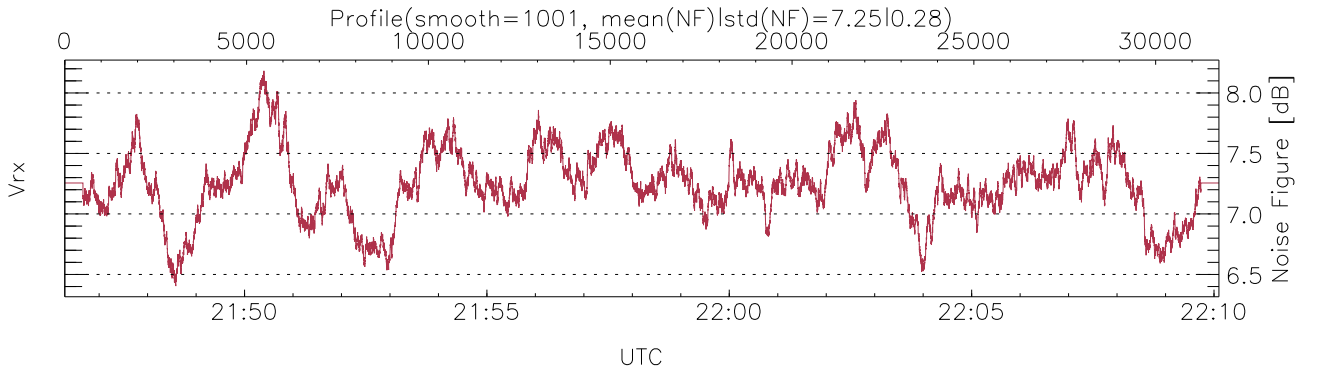
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 21:46:17-22:10:06, 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, 0-31740/21:46:17-22:10:06
 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



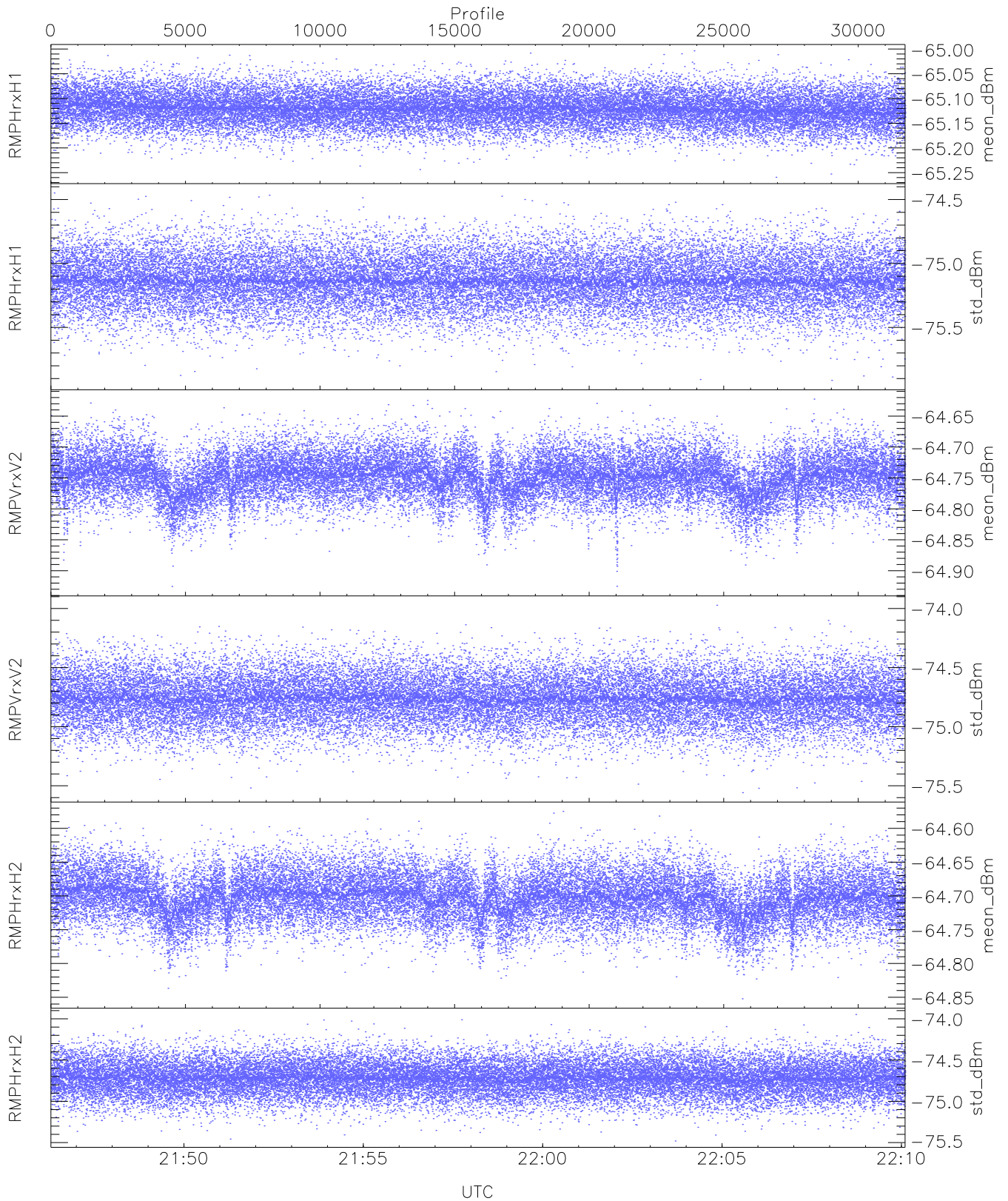
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

```
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 89,92,22,23,23,24  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,93,23,24,25,25  
LOalarm(20,240,2817,14861 MHz): 0,0,92,0  
EIK Faults(# prof affected):  
DeckT,CollT,BodyCurr,Fault2,DeckF,OverDuty,HVPS,Fault1 (94,94,94,72,118,118,94,48)
```



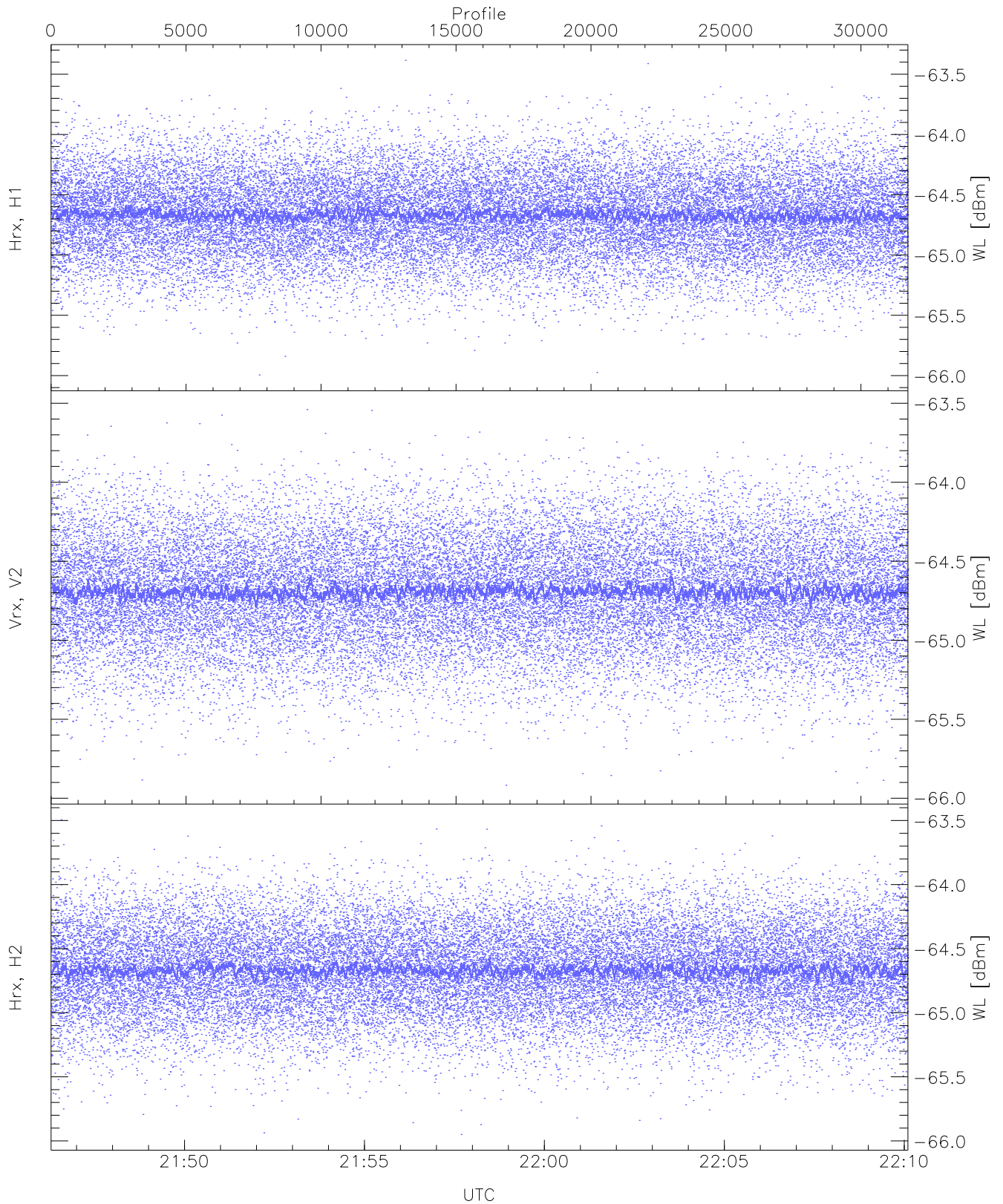
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 20 pixs, 7 gates, 20 profs, 1 prod(s)



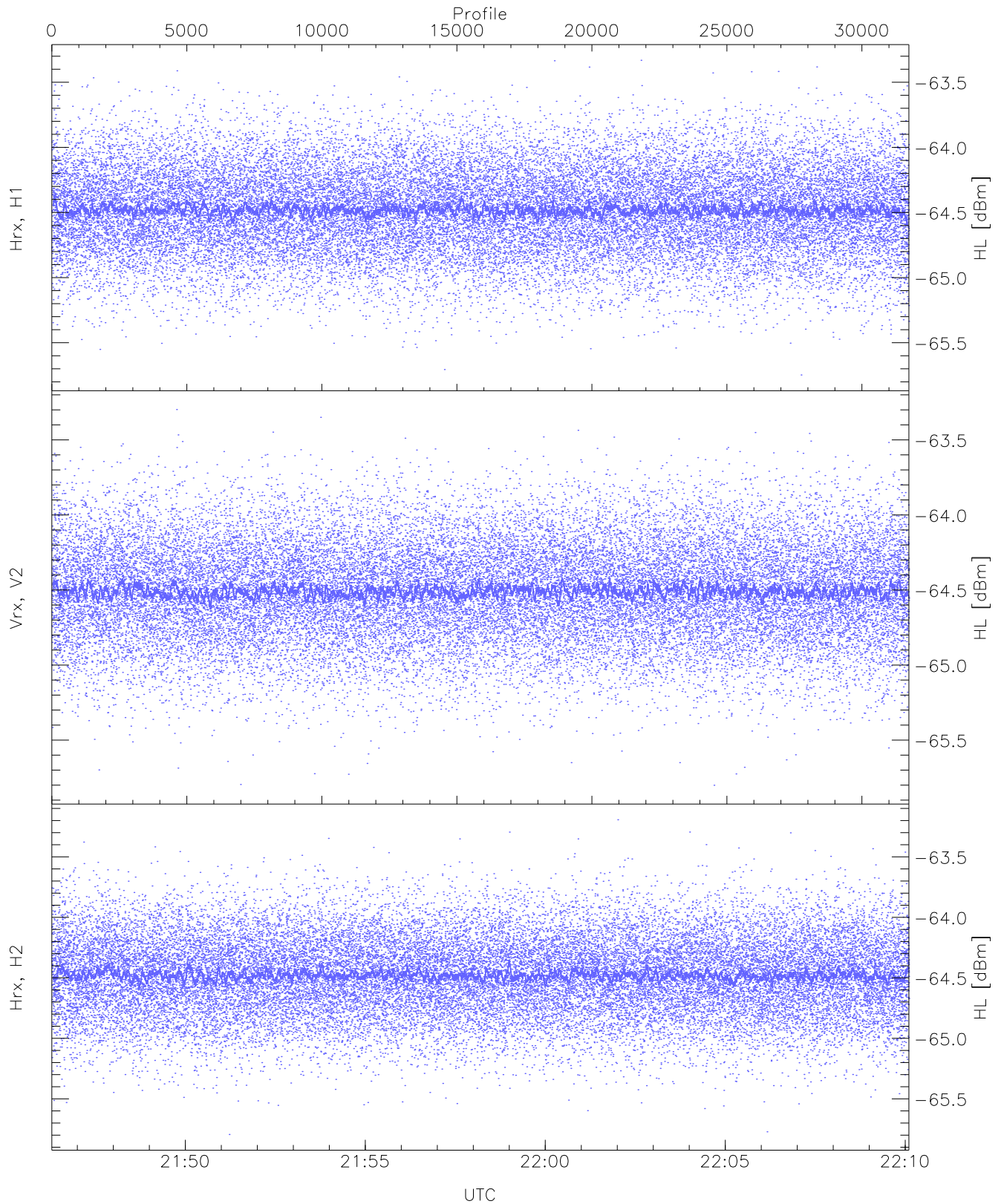
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.26	-65.00	-65.12	-65.12	-86.68
RMPHrxH1(std_dBm)	-75.91	-74.45	-75.13	-75.14	-88.92
RMPVrxV2(mean_dBm)	-64.93	-64.62	-64.75	-64.75	-85.85
RMPVrxV2(std_dBm)	-75.56	-73.97	-74.76	-74.77	-88.52
RMPHrxH2(mean_dBm)	-64.85	-64.57	-64.70	-64.70	-85.95
RMPHrxH2(std_dBm)	-75.48	-73.95	-74.72	-74.72	-88.51



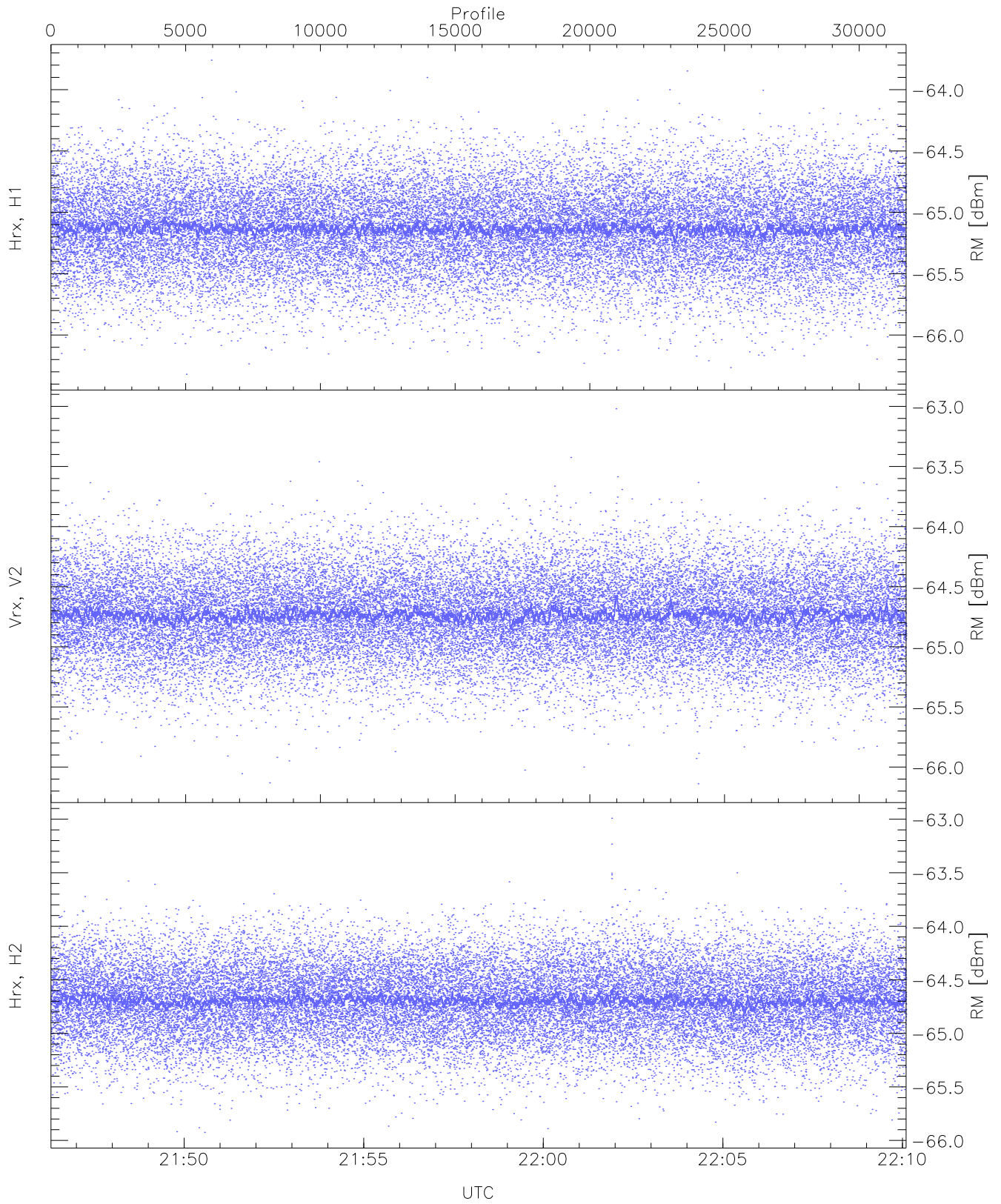
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.00	-63.38	-64.66	-64.67	-76.16
Vrx, V2 (WL [dBm])	-65.92	-63.54	-64.69	-64.69	-76.23
Hrx, H2 (WL [dBm])	-65.95	-63.49	-64.66	-64.67	-76.19



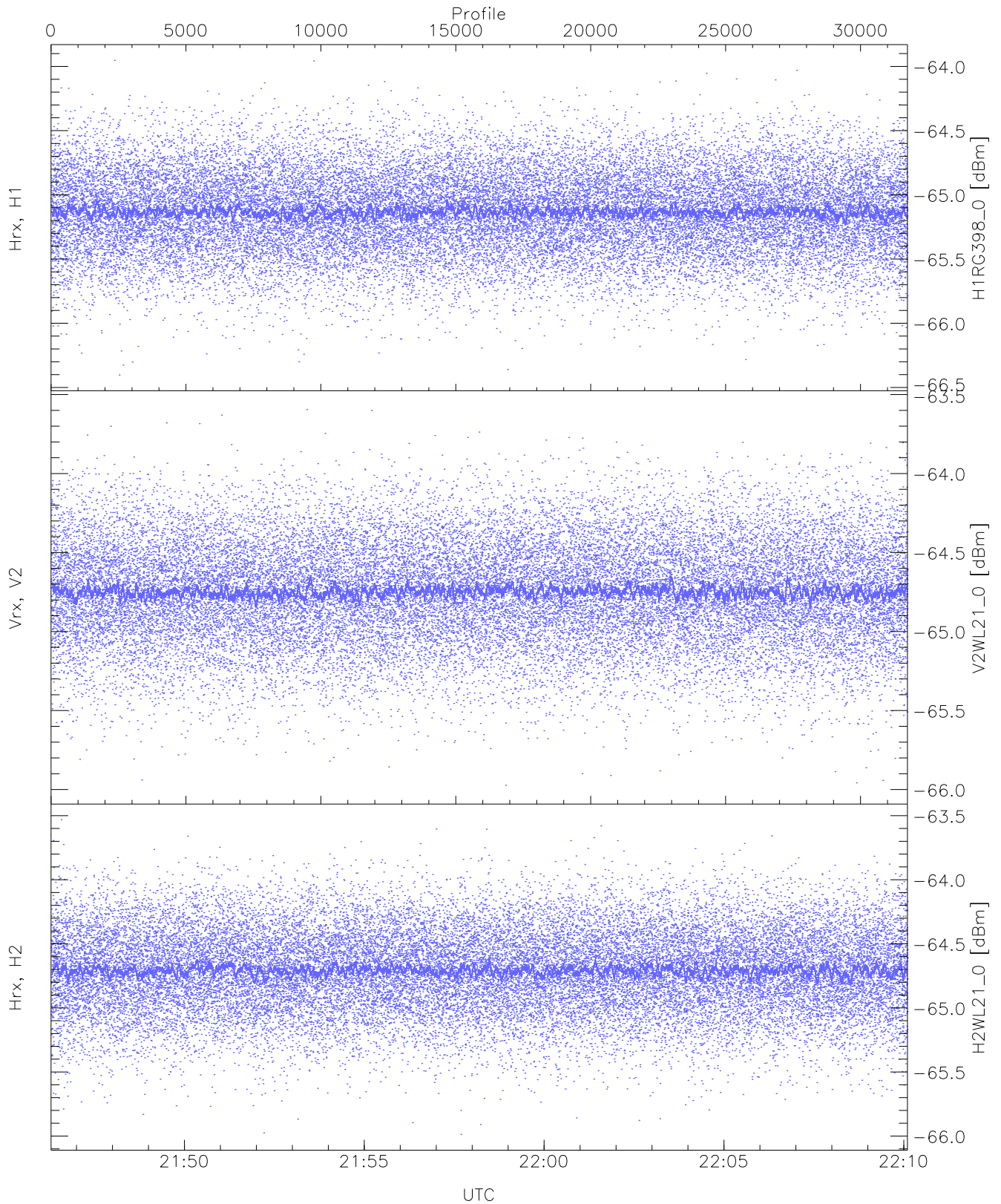
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.75	-63.33	-64.47	-64.48	-75.98
Vrx, V2 (HL [dBm])	-65.80	-63.30	-64.50	-64.51	-76.02
Hrx, H2 (HL [dBm])	-65.79	-63.19	-64.47	-64.48	-75.98



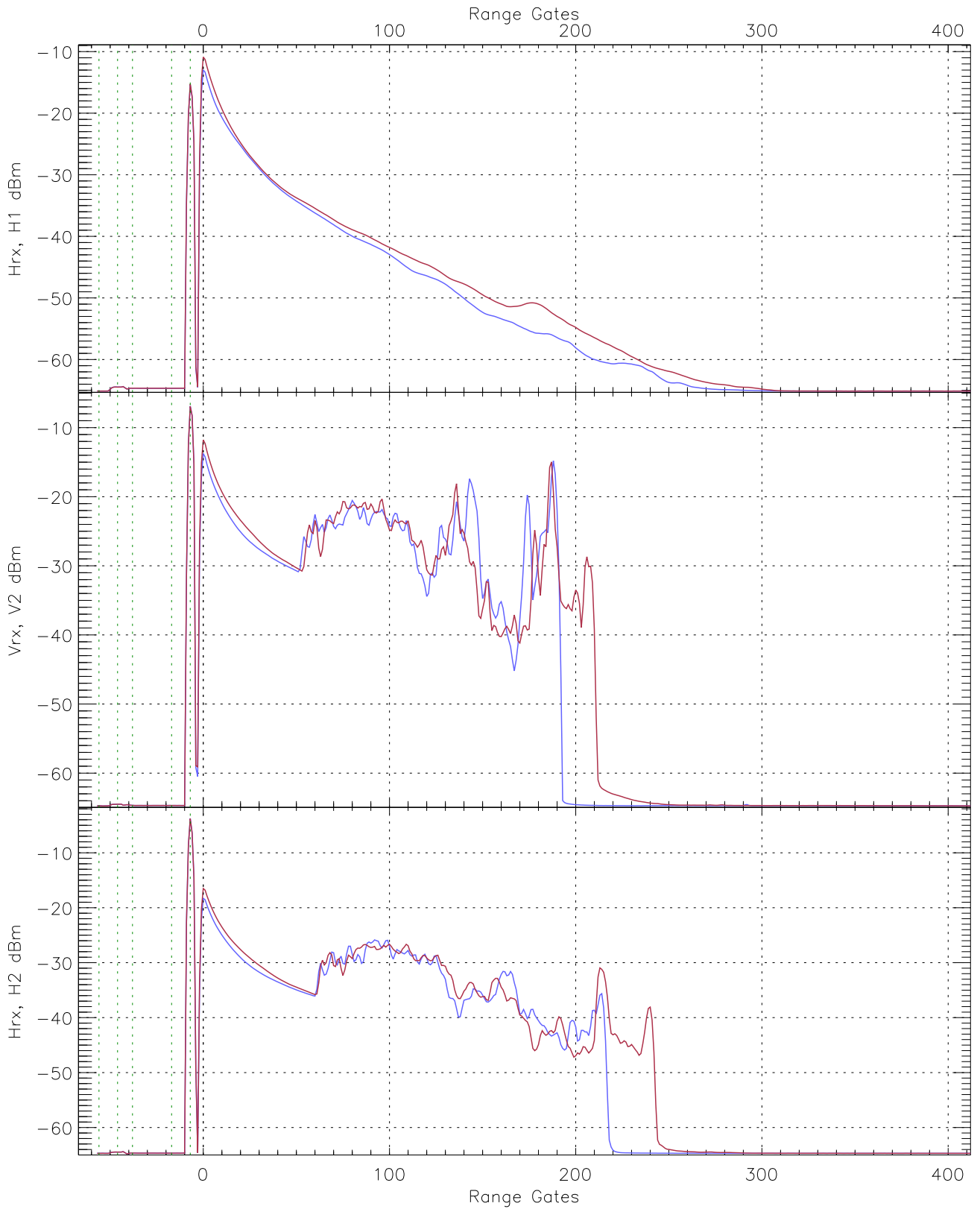
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.32	-63.76	-65.13	-65.13	-76.64
Vrx, V2 (RM [dBm])	-66.14	-63.02	-64.73	-64.74	-76.20
Hrx, H2 (RM [dBm])	-65.92	-62.99	-64.69	-64.70	-76.19

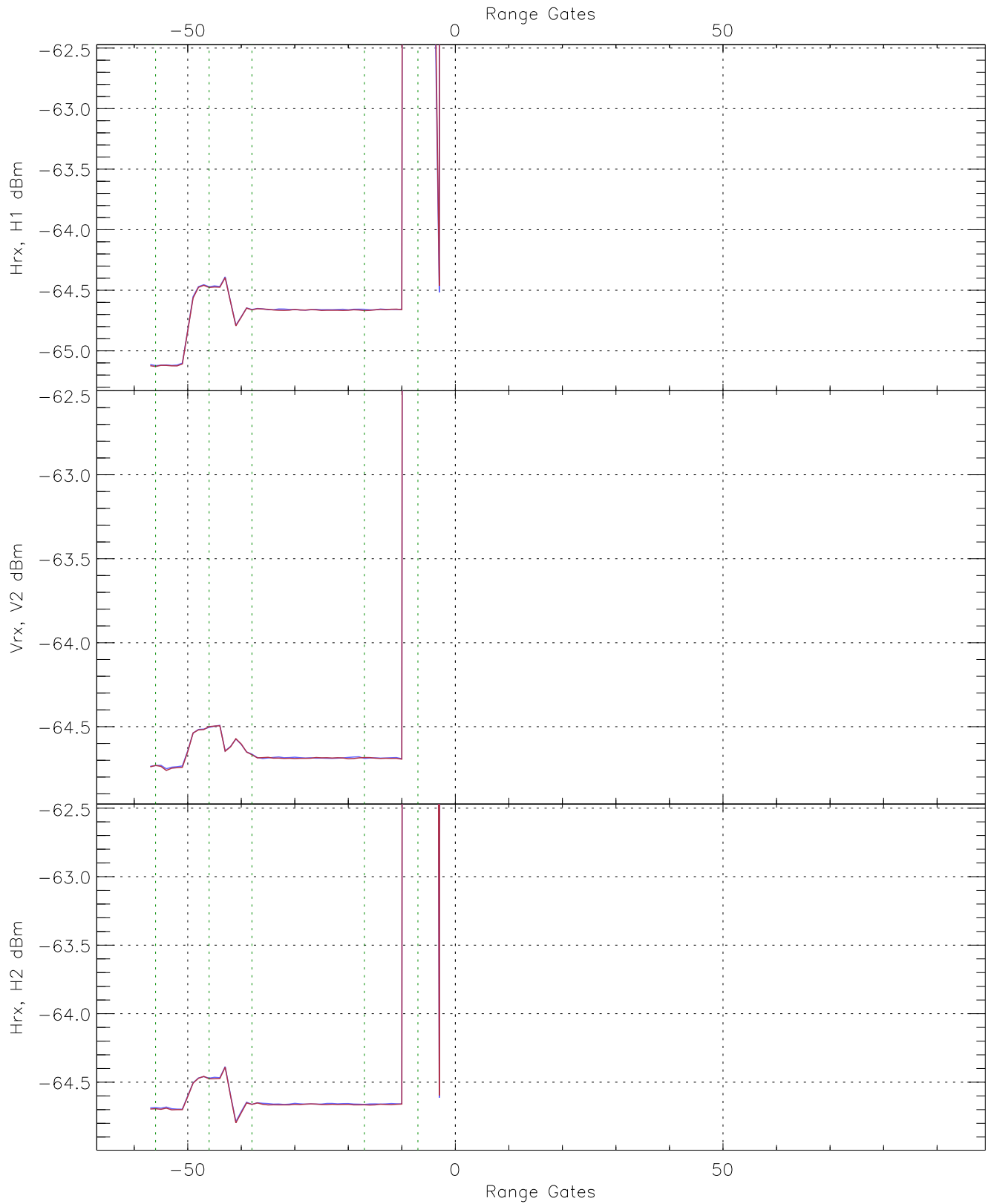


WCR3 CPP "Best" estimate Receivers Noise Power

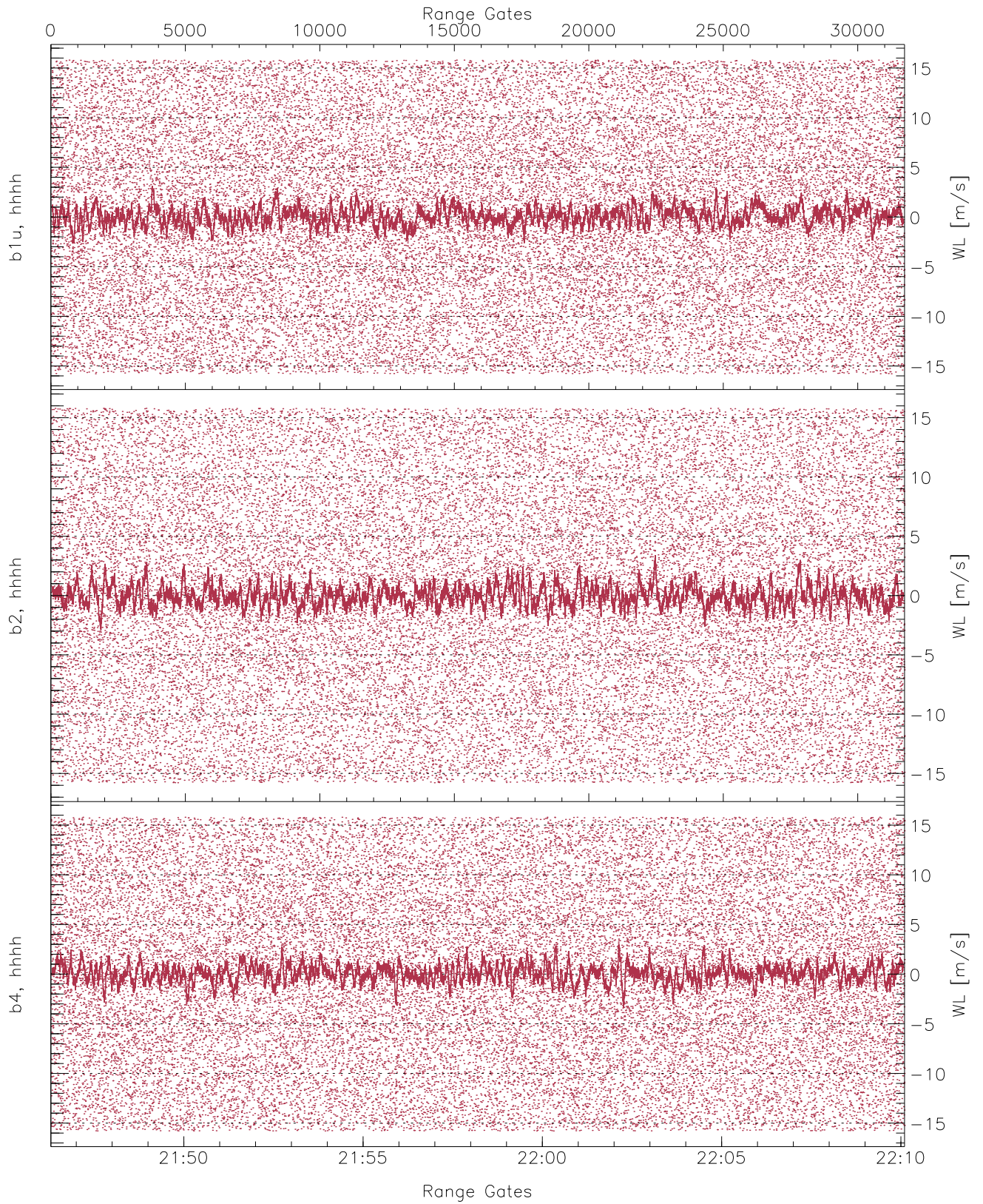
	Min	Max	Mean	Median	StDev
H1RG398_0 [dBm]	-66.40	-63.95	-65.13	-65.13	-76.66
V2WL21_0 [dBm]	-65.97	-63.59	-64.74	-64.75	-76.28
H2WL21_0 [dBm]	-65.99	-63.53	-64.70	-64.71	-76.23



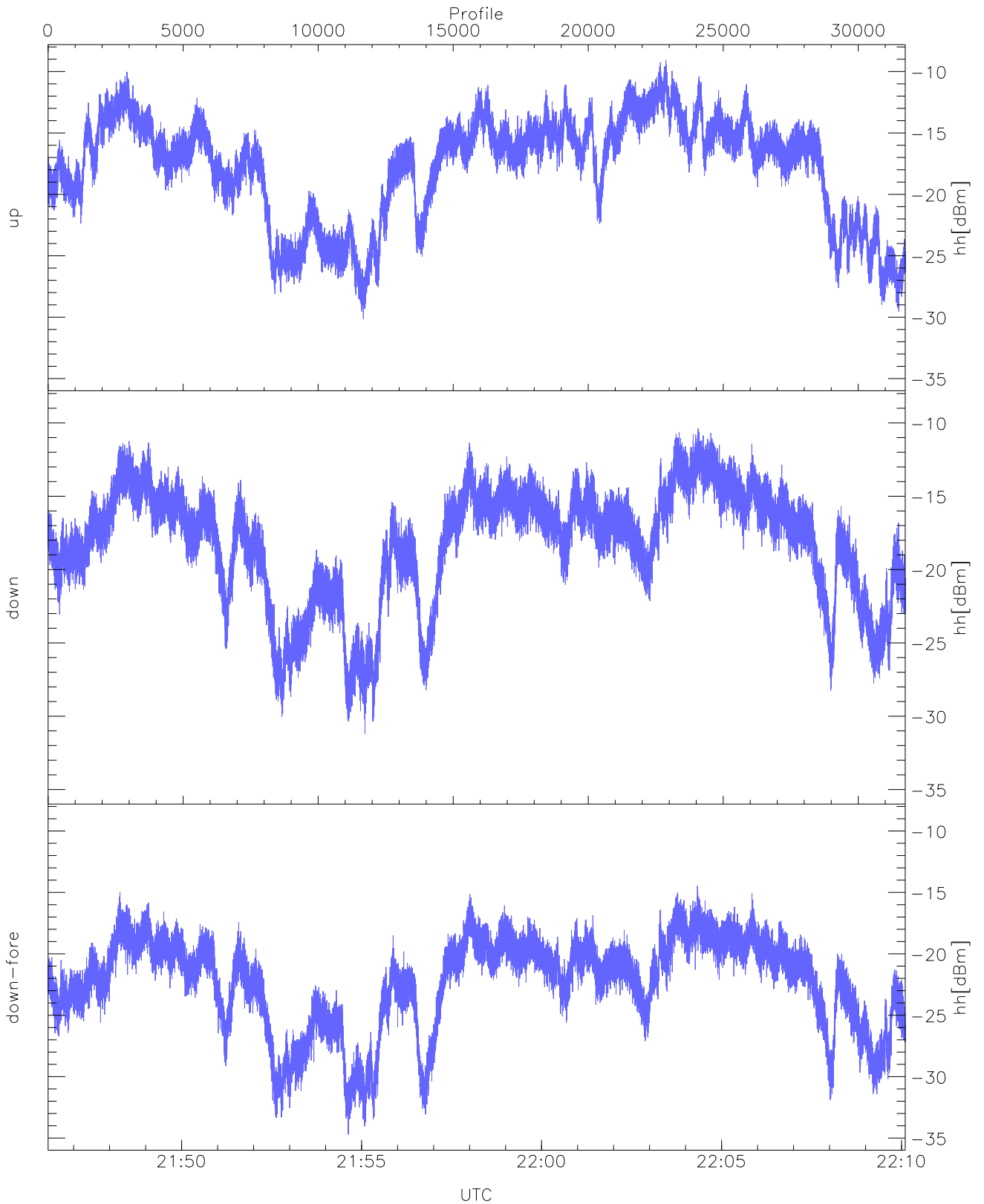
WCR3 CPP Averaged Received power for all recorded gates
blue: 214617-215812, 15871 profiles averaged
red: 215812-221006, 15871 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 214617-215812, 15871 profiles averaged
red: 215812-221006, 15871 profiles averaged

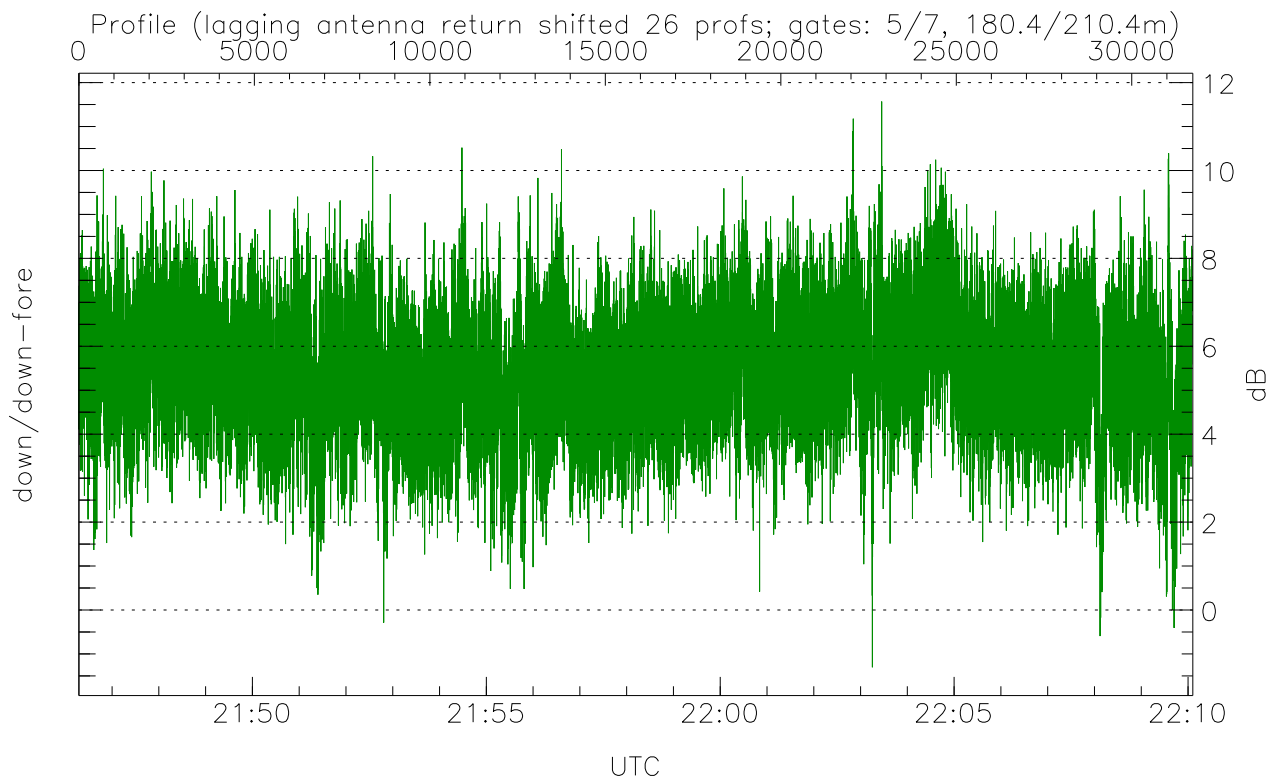
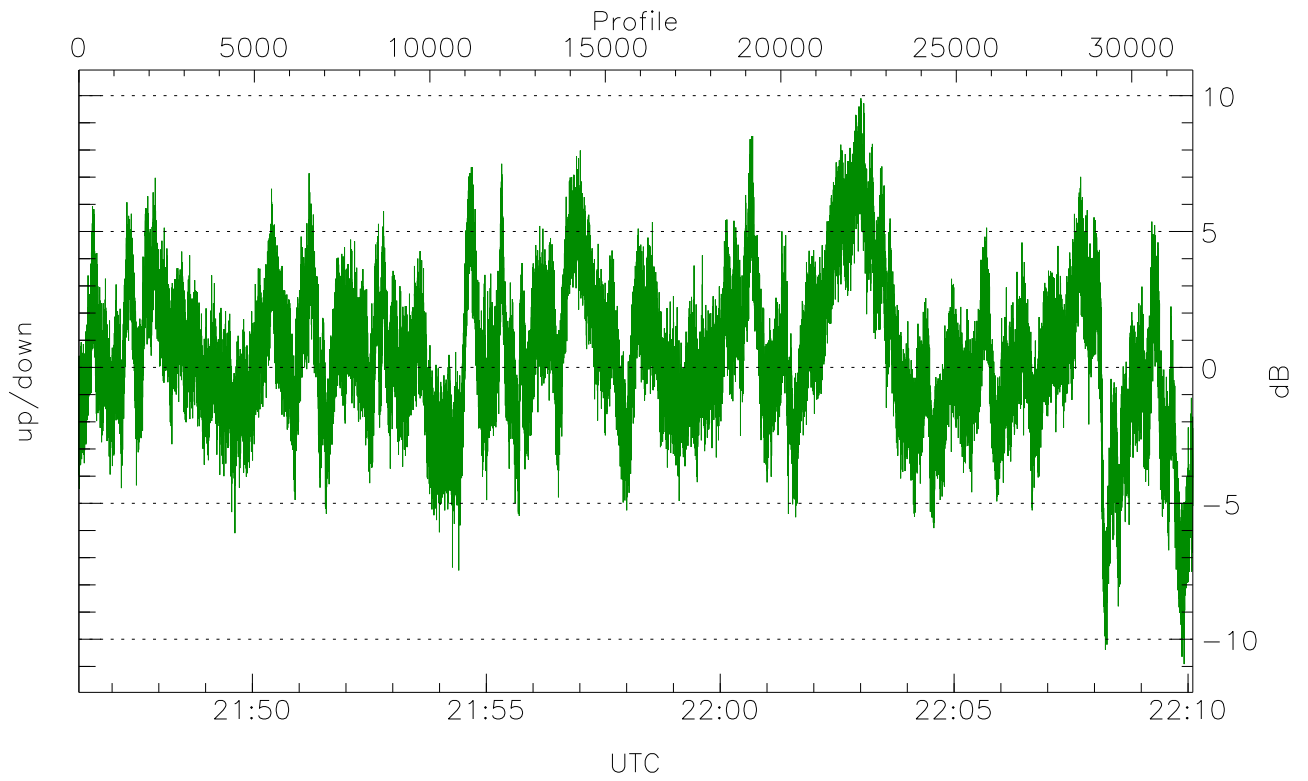


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



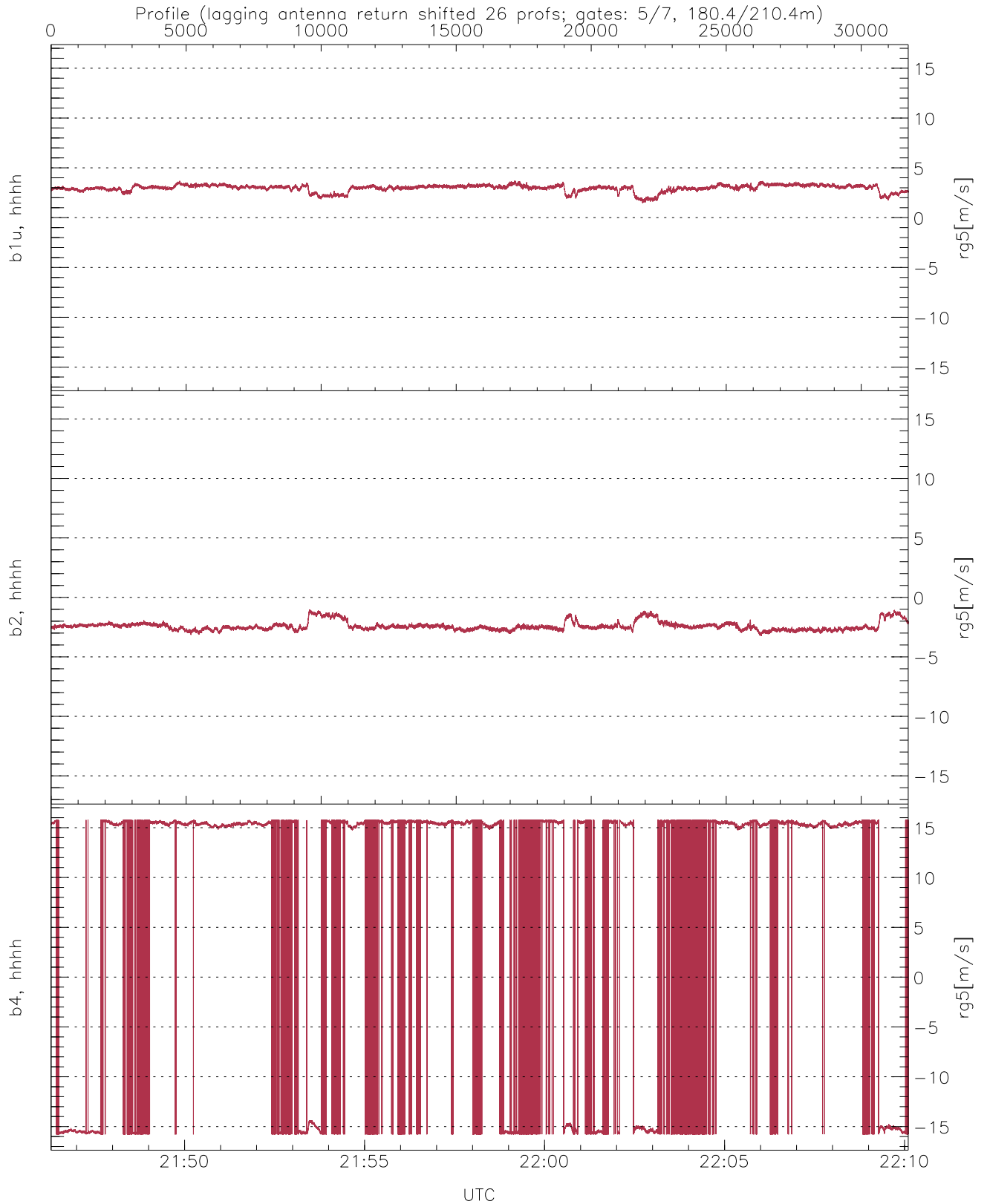
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-30.14	-9.09	-16.25
down(hh[dBm])	-31.19	-10.38	-16.89
down-fore(hh[dBm])	-34.71	-14.46	-21.12



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

	Min	Max	Mean
up/down (dB)	-10.91	9.90	0.41
down/down-fore (dB)	-1.30	11.57	5.44



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	1.47	3.72	2.96	0.35
b2, hhhh(rg5[m/s])	-3.26	-1.01	-2.41	0.37
b4, hhhh(rg5[m/s])	-15.79	15.79	6.30	14.16