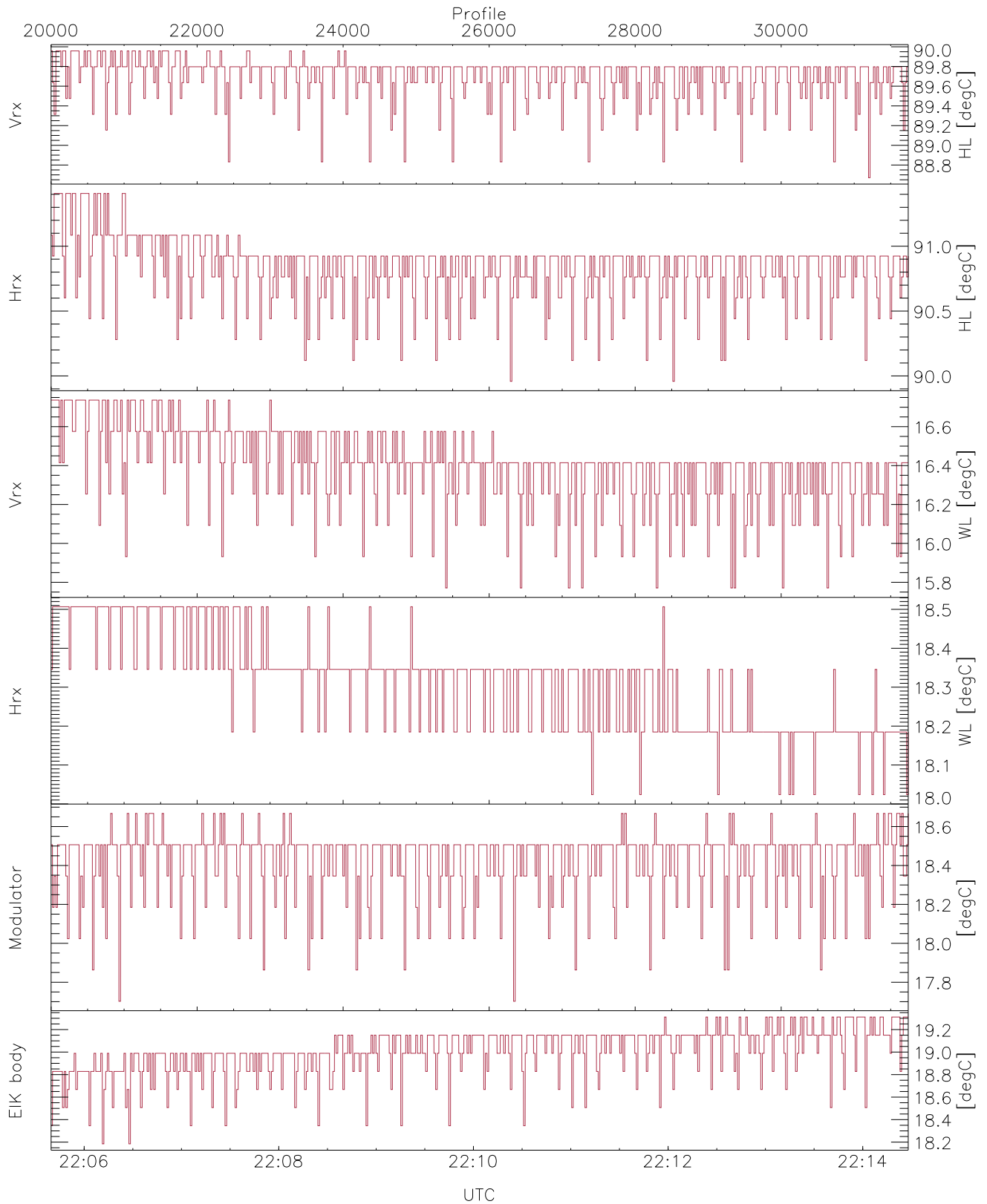


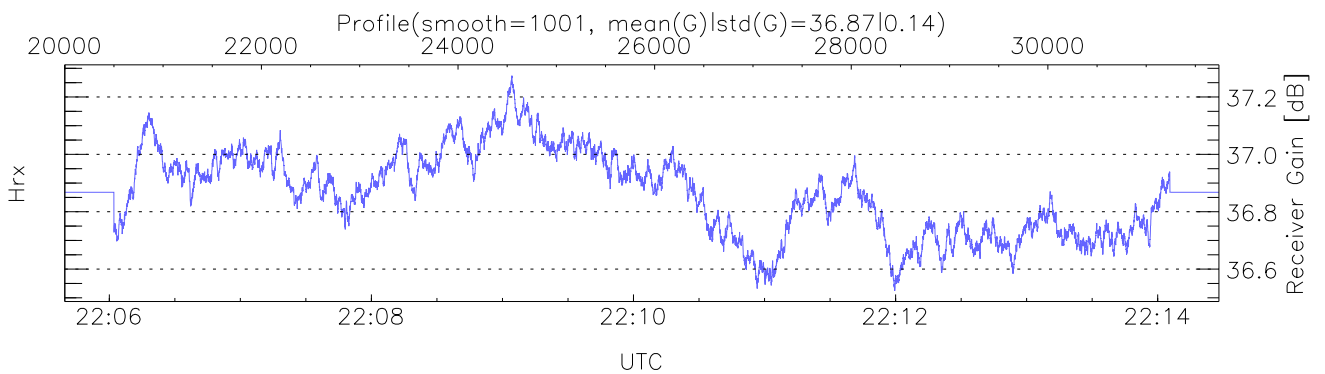
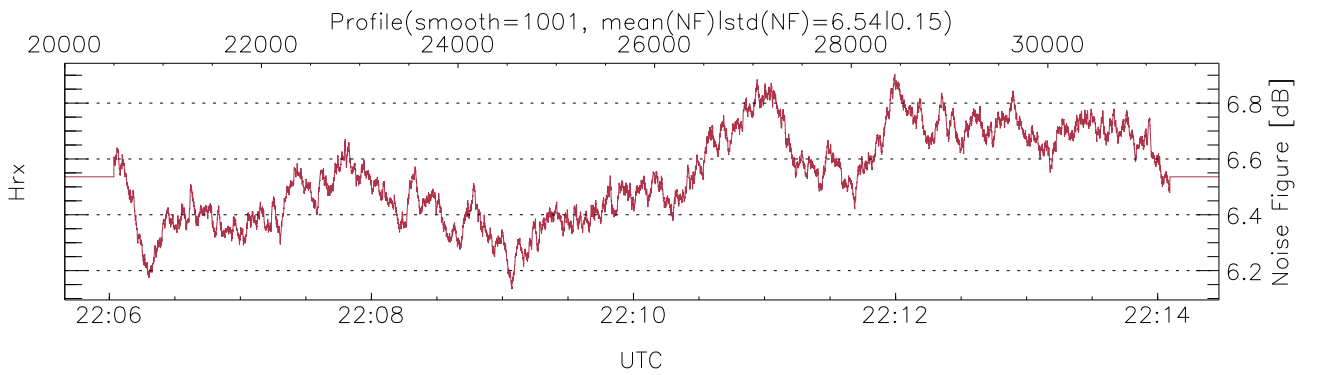
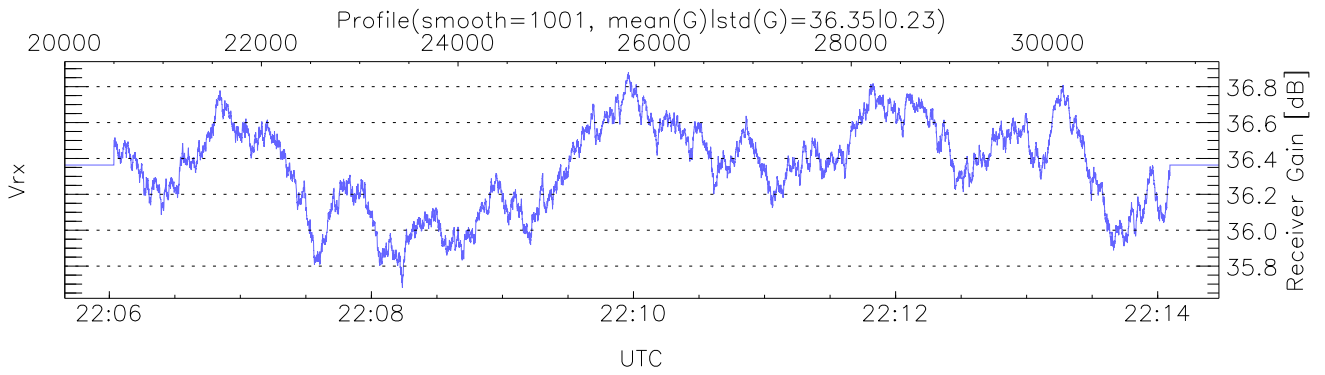
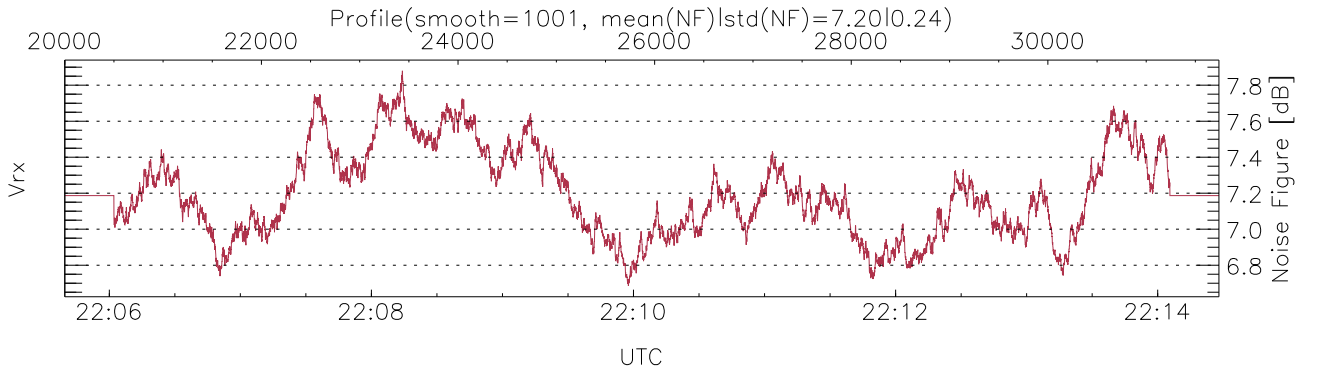
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 21:50:39-22:14:28, TimeCor: 0.00s, Dur: 528.43s
 TimeFlg: 41, Using Host/Server time !
 TimeInt/PPS(min,max,mn,std): 32.1,57.9,45.0,0.5 ms / 31.2,17.3,22.2
 NumRec(r/t): 11741/31741, 20000-31740/22:05:40-22:14:28
 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,rgs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7
 Mirror(-910112,3,9x = no mirror/sideluplerror): 1



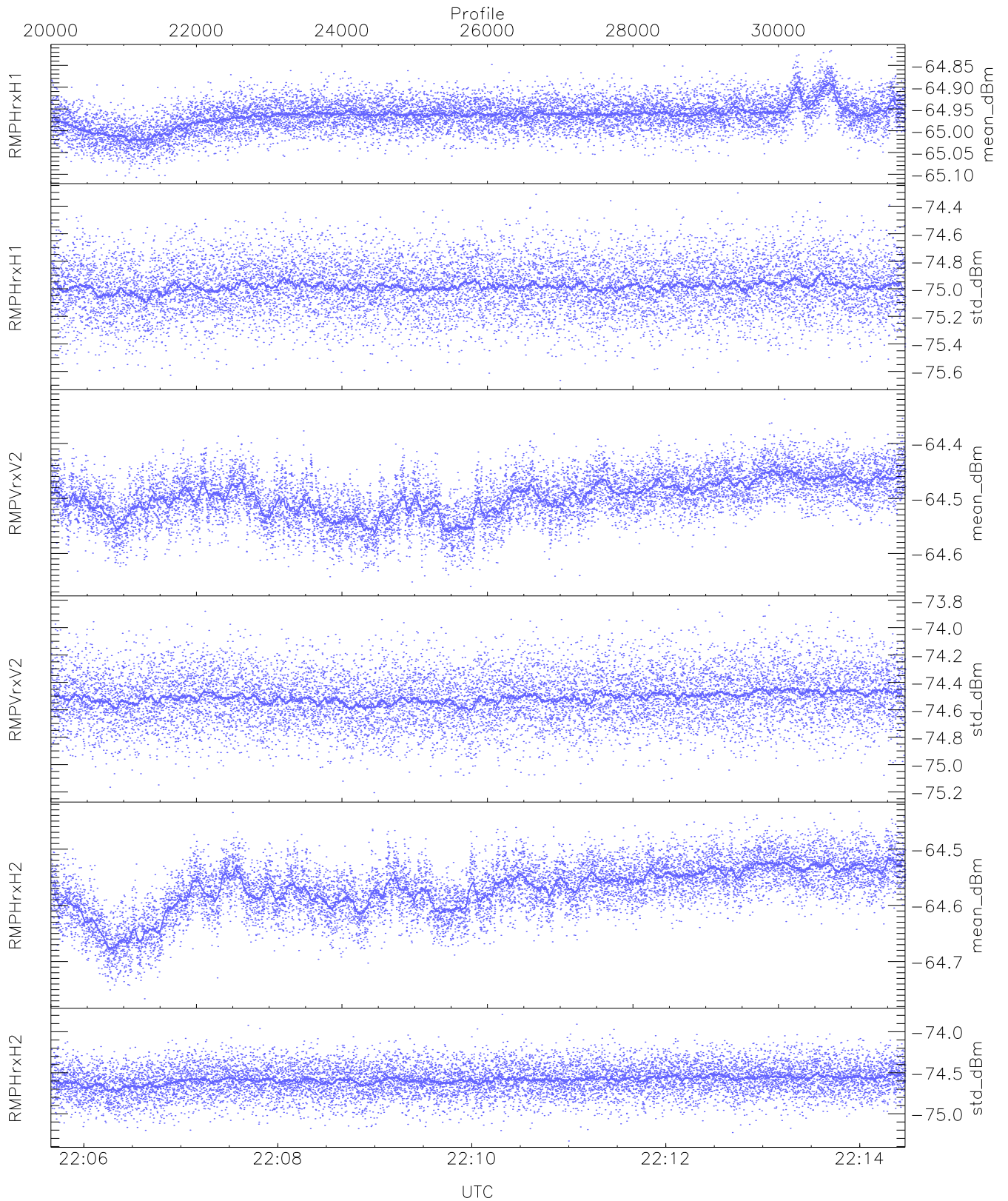
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

```
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 88,89,15,18,17,18
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 89,91,16,18,18,19
LOalarm(20,240,2817,14861 MHz): None
EIK Faults(# prof affected):
BodyCurr,DeckF (22,22)
```



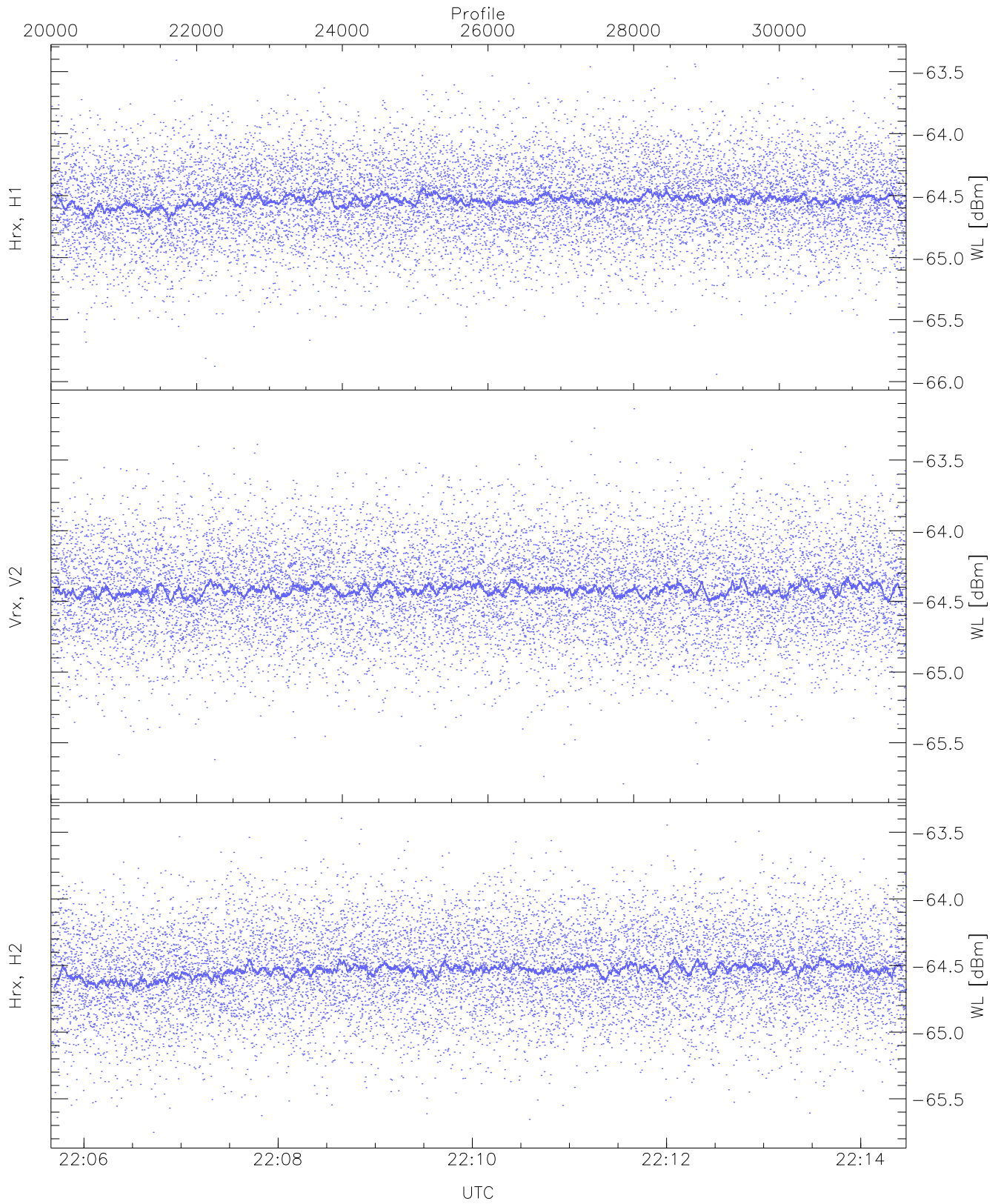
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 8 pixs, 4 gates, 8 profs, 1 prod(s)



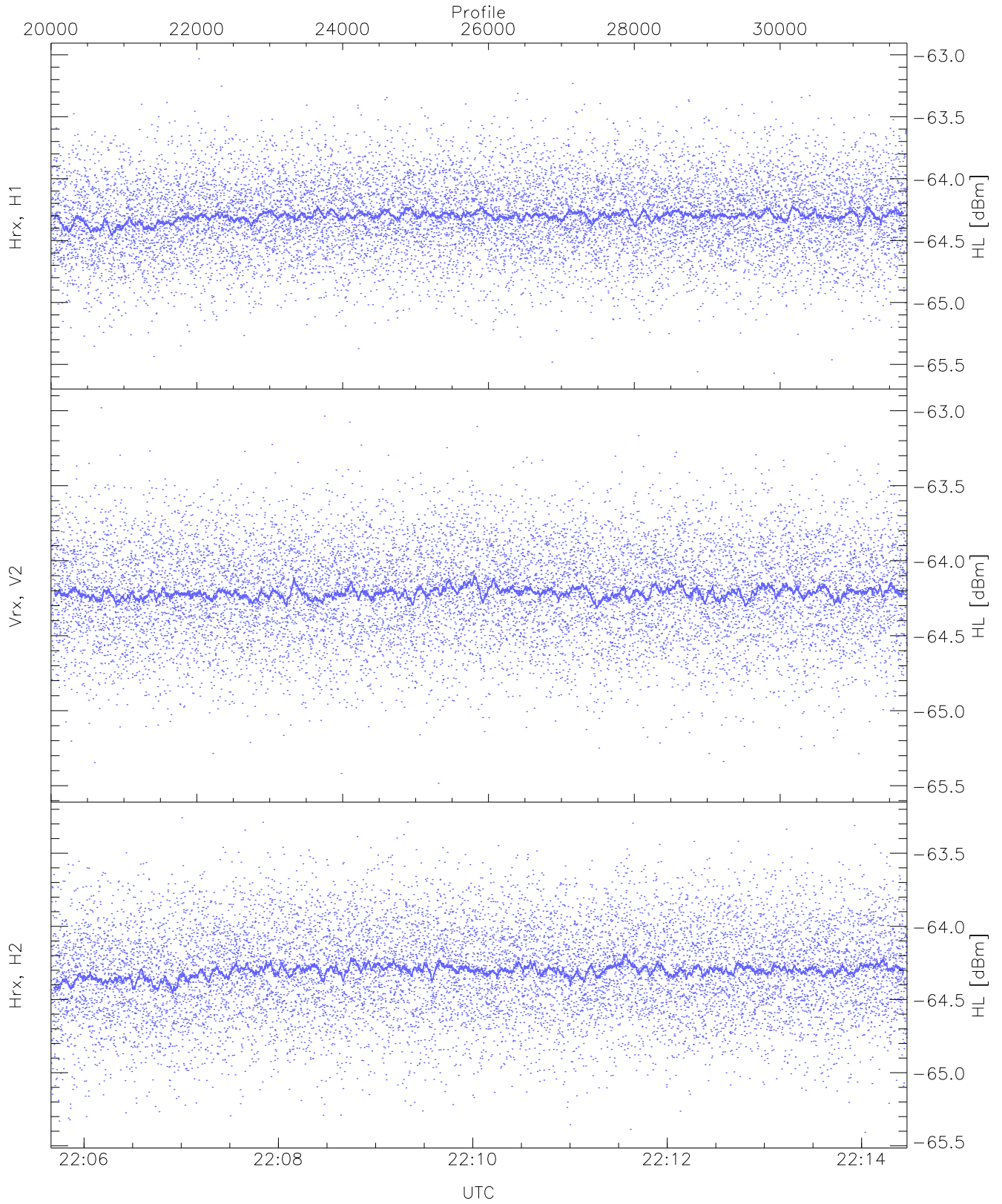
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.11	-64.82	-64.97	-64.96	-85.65
RMPHrxH1 (std_dBm)	-75.66	-74.30	-74.98	-74.99	-88.72
RMPVrxV2 (mean_dBm)	-64.66	-64.32	-64.50	-64.50	-84.51
RMPVrxV2 (std_dBm)	-75.21	-73.84	-74.51	-74.51	-88.23
RMPHrxH2 (mean_dBm)	-64.77	-64.43	-64.57	-64.57	-84.15
RMPHrxH2 (std_dBm)	-75.33	-73.79	-74.59	-74.59	-88.32



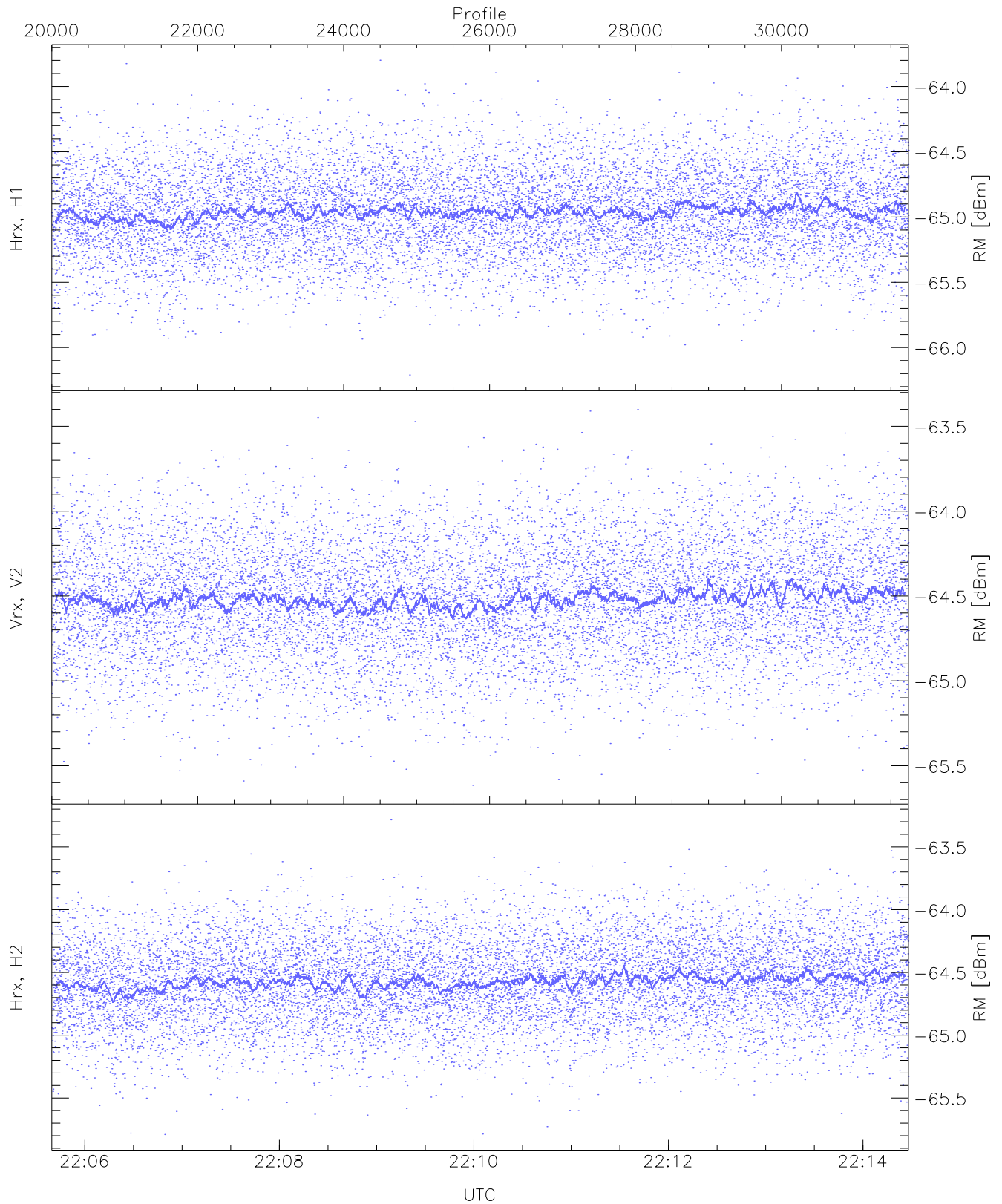
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.94	-63.41	-64.53	-64.54	-76.05
Vrx, V2 (WL [dBm])	-65.79	-63.14	-64.41	-64.42	-75.88
Hrx, H2 (WL [dBm])	-65.75	-63.40	-64.53	-64.54	-76.02



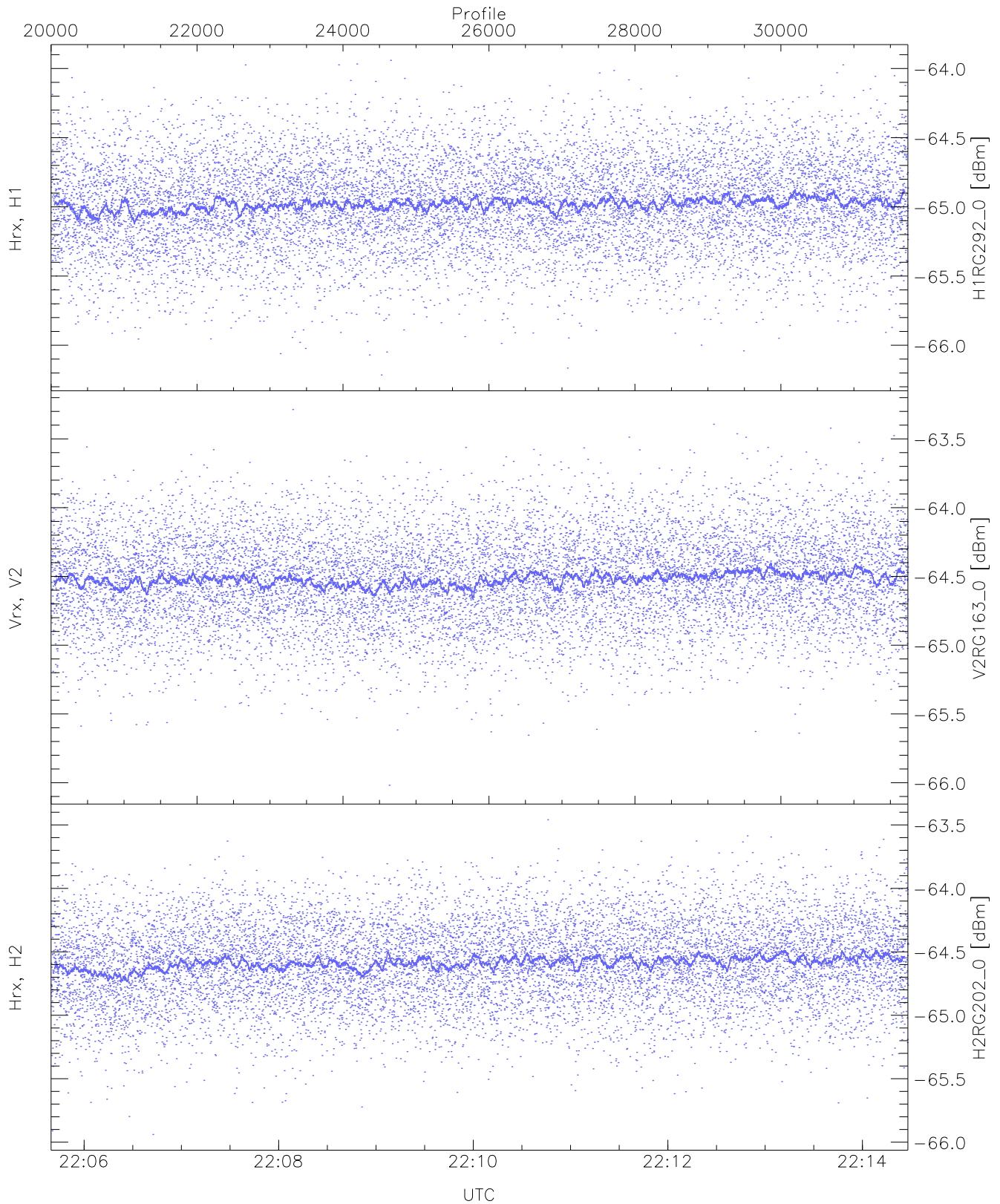
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.57	-63.03	-64.30	-64.31	-75.83
Vrx, V2 (HL [dBm])	-65.48	-62.98	-64.21	-64.21	-75.70
Hrx, H2 (HL [dBm])	-65.41	-63.26	-64.30	-64.31	-75.82



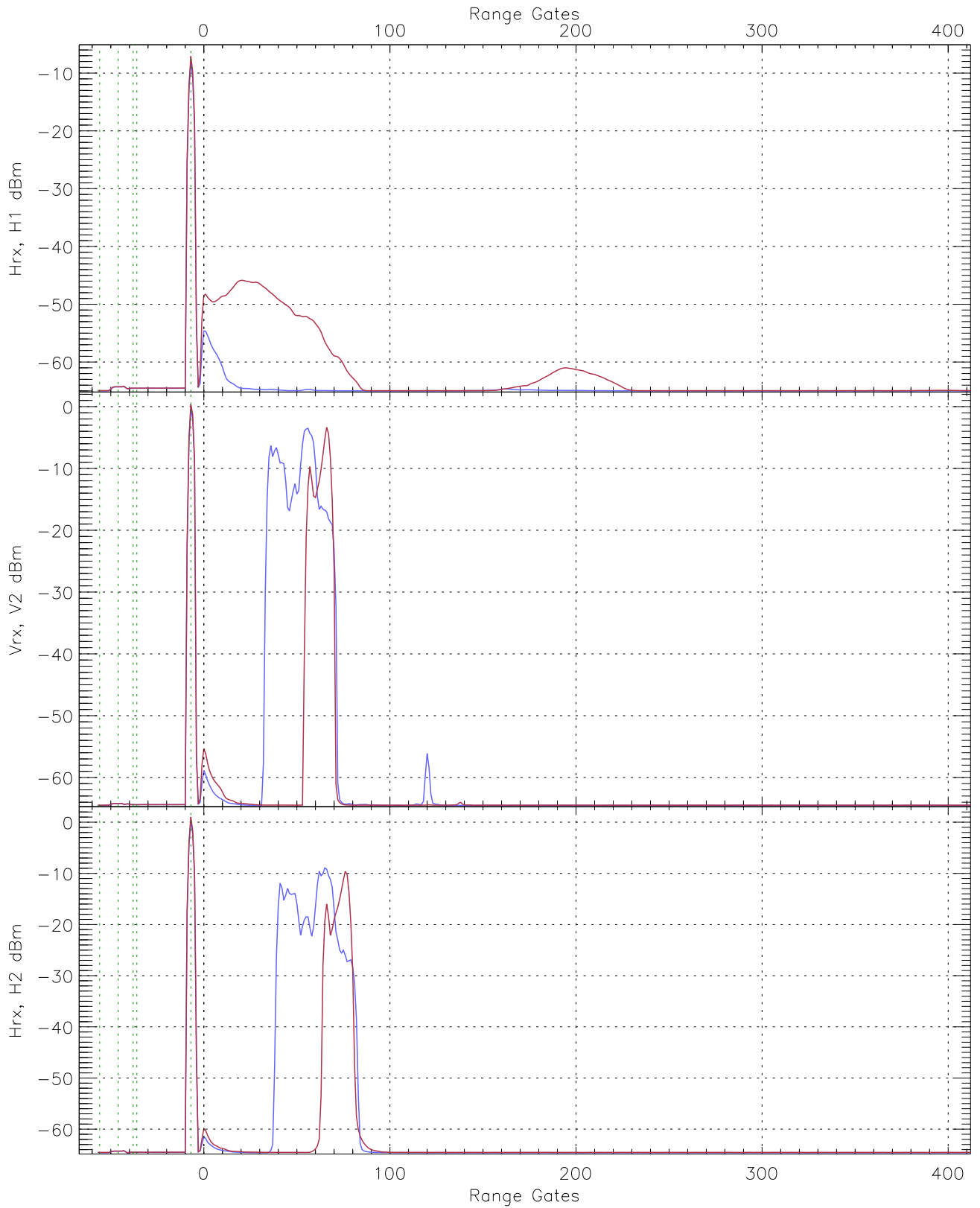
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.21	-63.80	-64.96	-64.97	-76.41
Vrx, V2 (RM [dBm])	-65.62	-63.40	-64.51	-64.52	-76.02
Hrx, H2 (RM [dBm])	-65.79	-63.28	-64.57	-64.57	-76.06

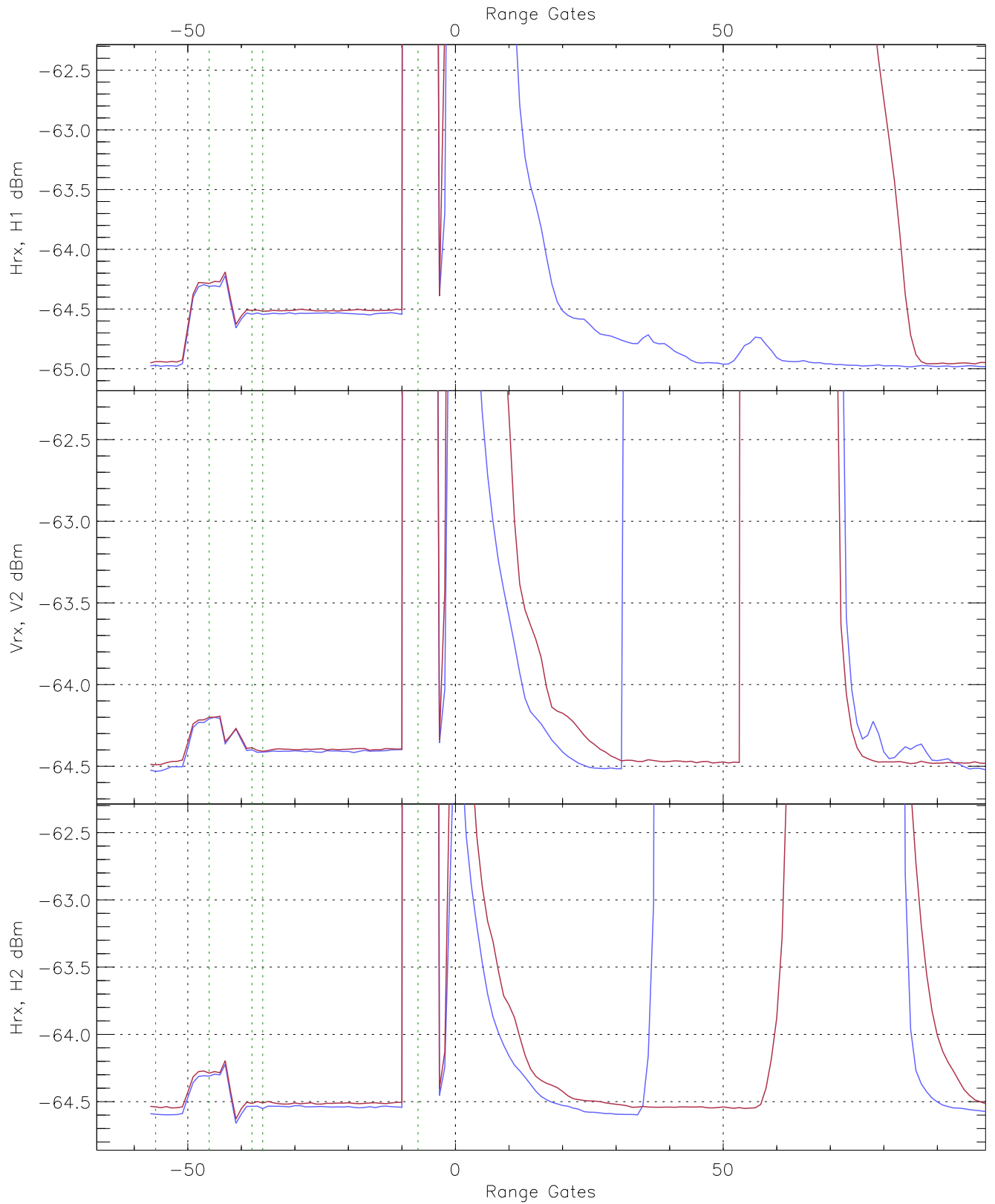


WCR3 CPP "Best" estimate Receivers Noise Power

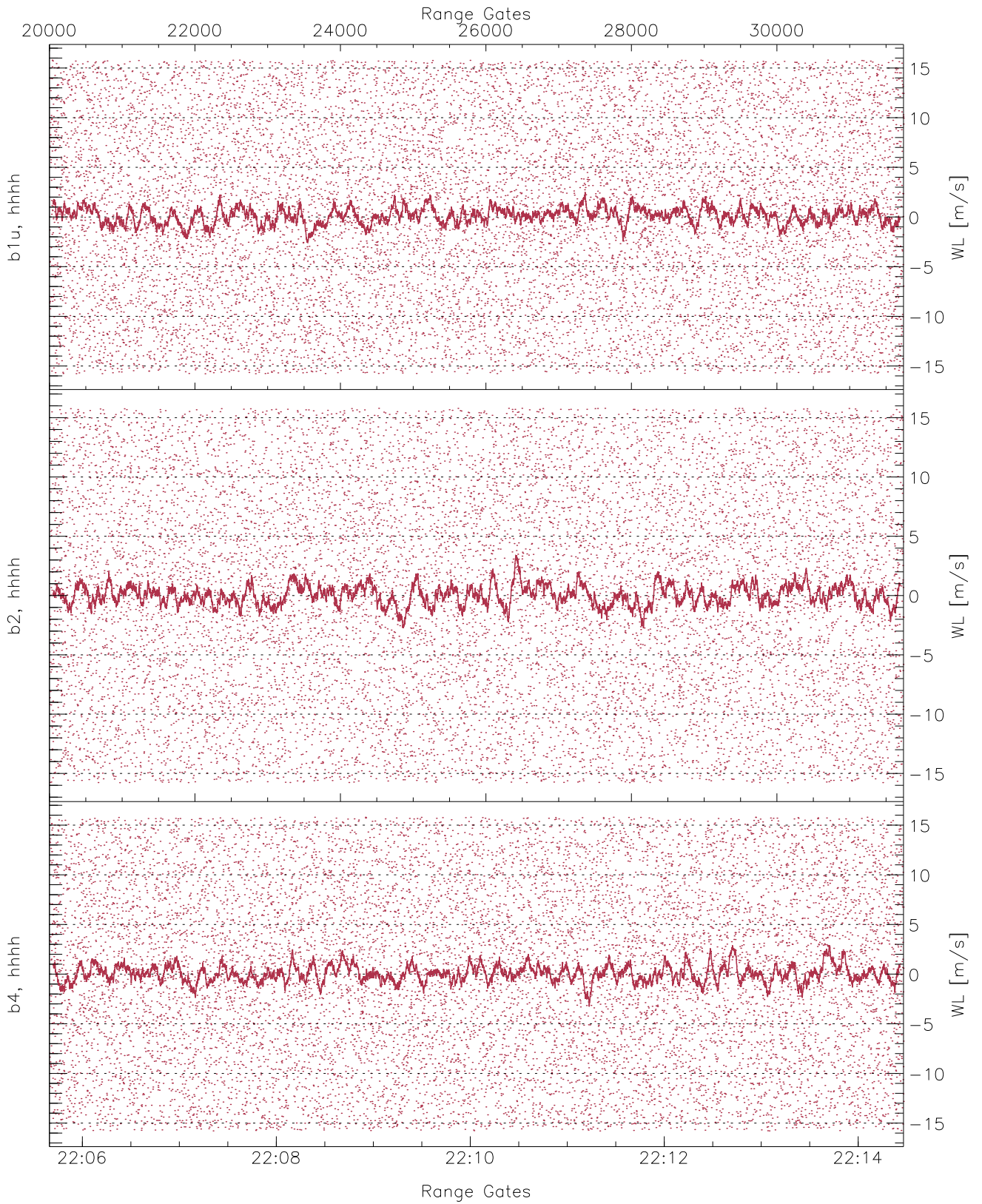
	Min	Max	Mean	Median	StDev
H1RG292_0 [dBm]	-66.21	-63.94	-64.97	-64.98	-76.46
V2RG163_0 [dBm]	-66.02	-63.29	-64.51	-64.52	-75.92
H2RG202_0 [dBm]	-65.94	-63.46	-64.58	-64.58	-76.08



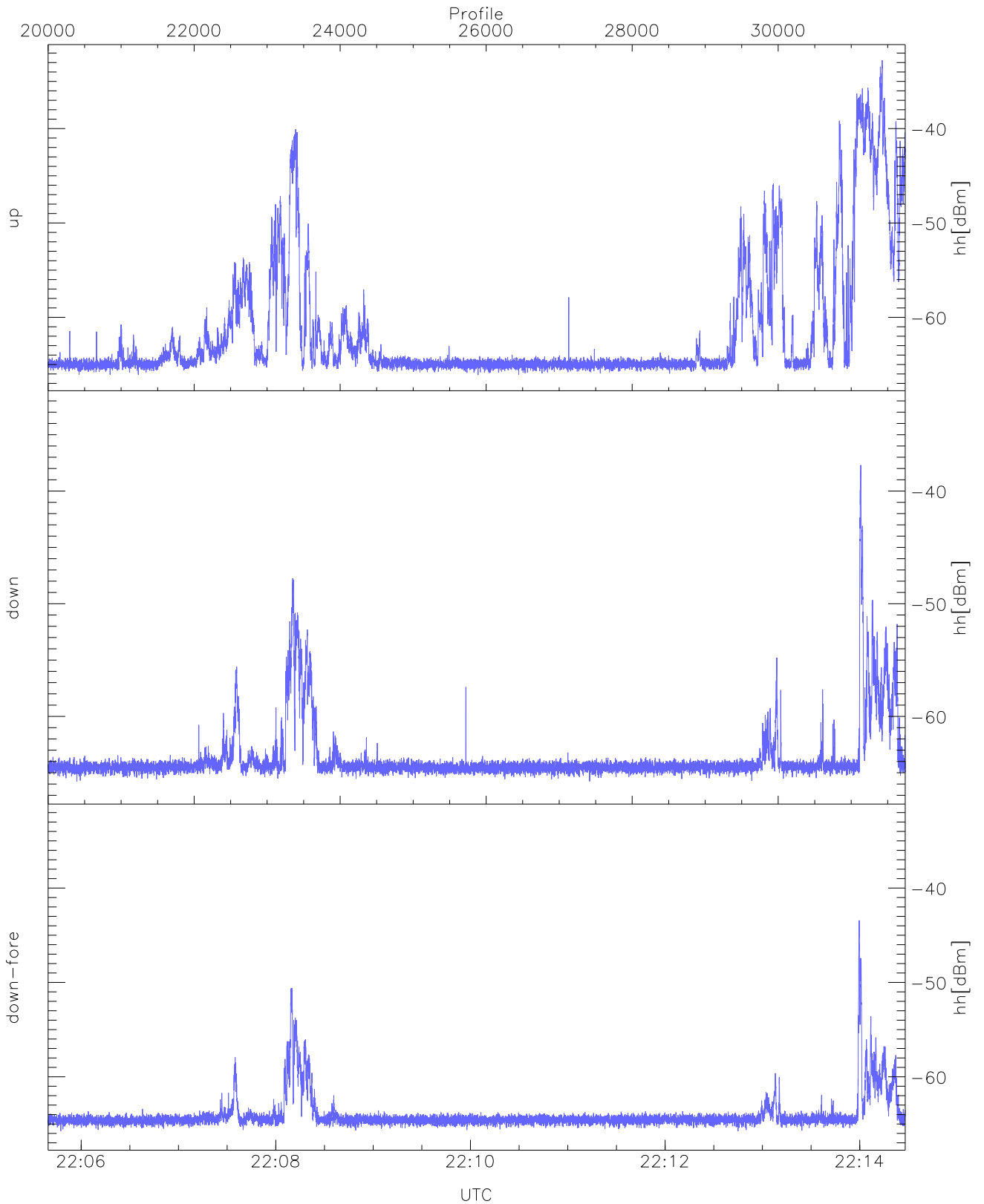
WCR3 CPP Averaged Received power for all recorded gates
blue: 220540-221004, 5871 profiles averaged
red: 221004-221428, 5871 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 220540-221004, 5871 profiles averaged
red: 221004-221428, 5871 profiles averaged

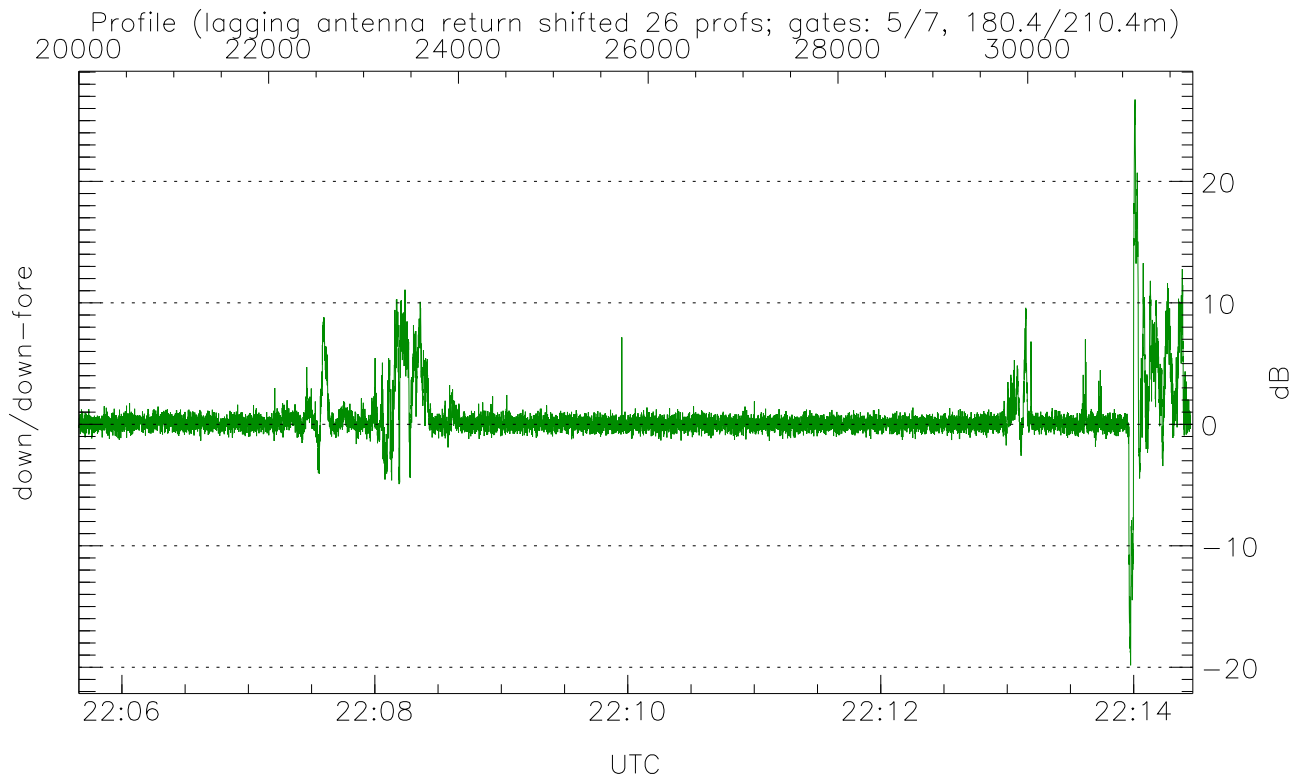
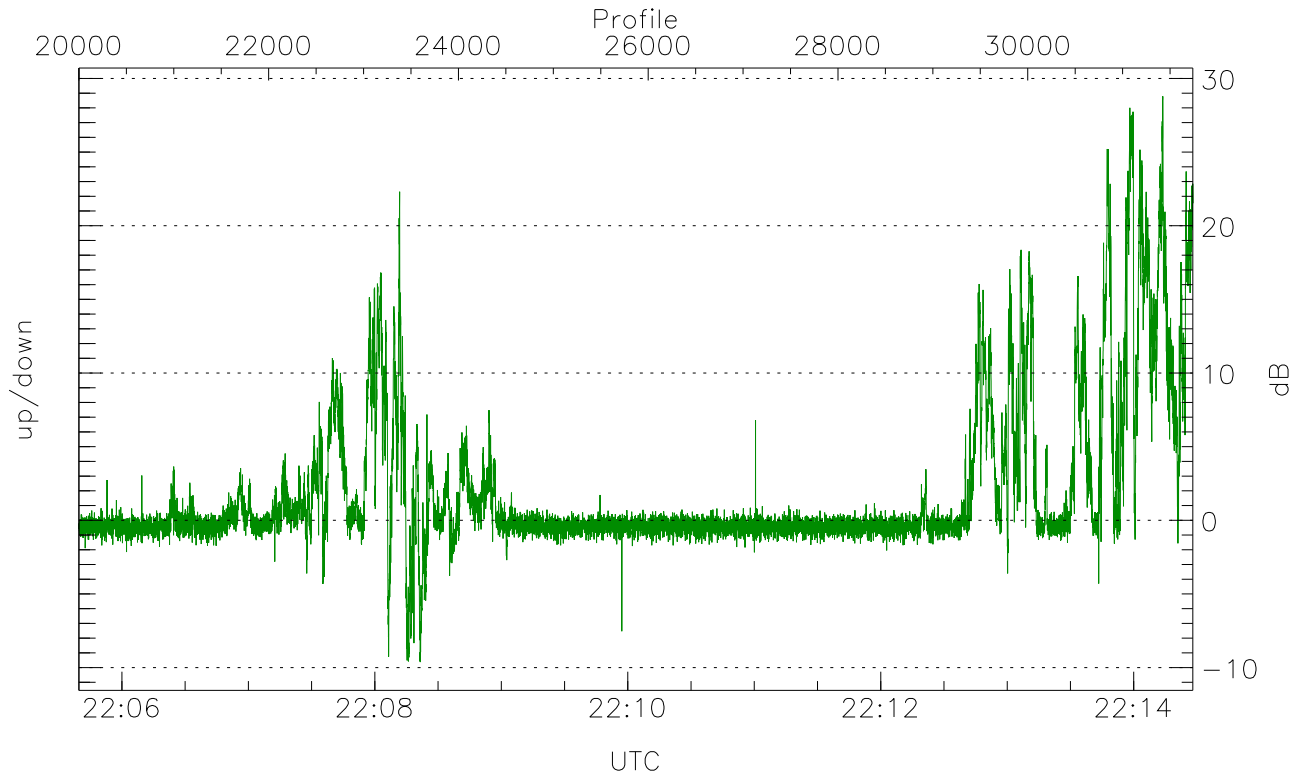


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



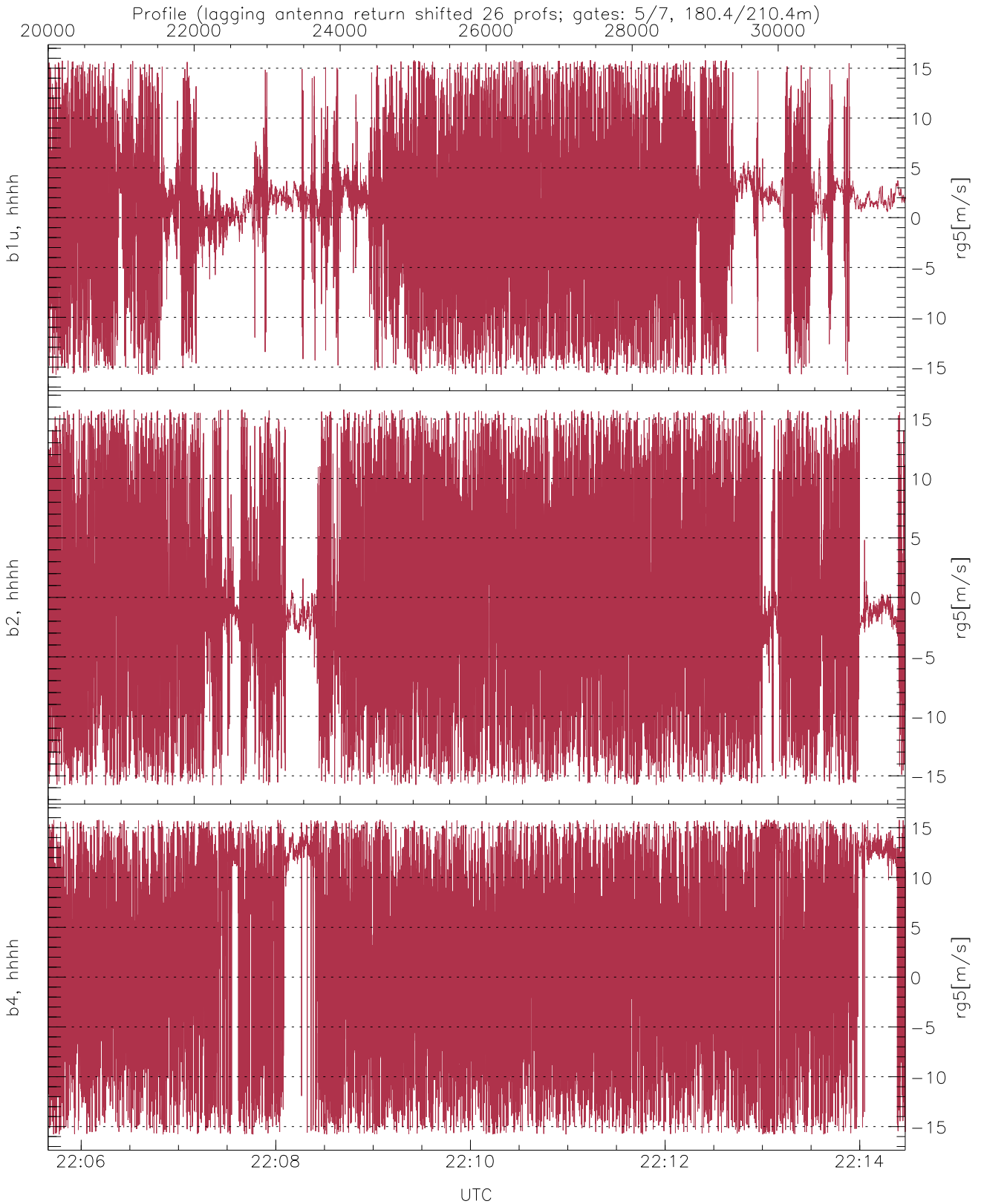
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.11	-32.76	-51.98
down(hh[dBm])	-65.77	-37.69	-61.16
down-fore(hh[dBm])	-65.75	-43.42	-63.17



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

	Min	Max	Mean
up/down (dB)	-9.63	28.79	2.00
down/down-fore (dB)	-19.84	26.74	0.52



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	0.73	6.58
b2, hhhh(rg5[m/s])	-15.78	15.79	-0.26	8.15
b4, hhhh(rg5[m/s])	-15.79	15.79	1.80	9.38