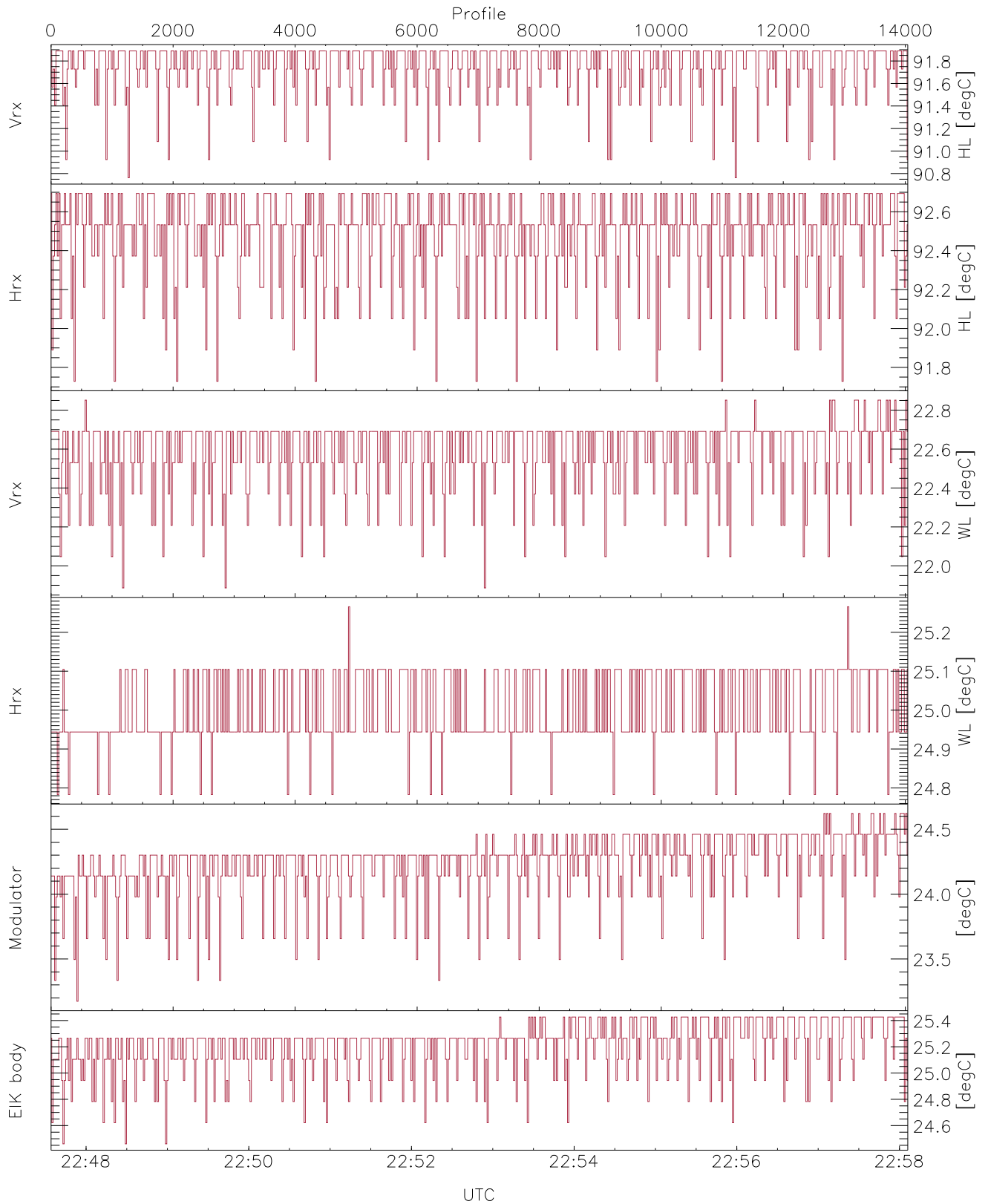


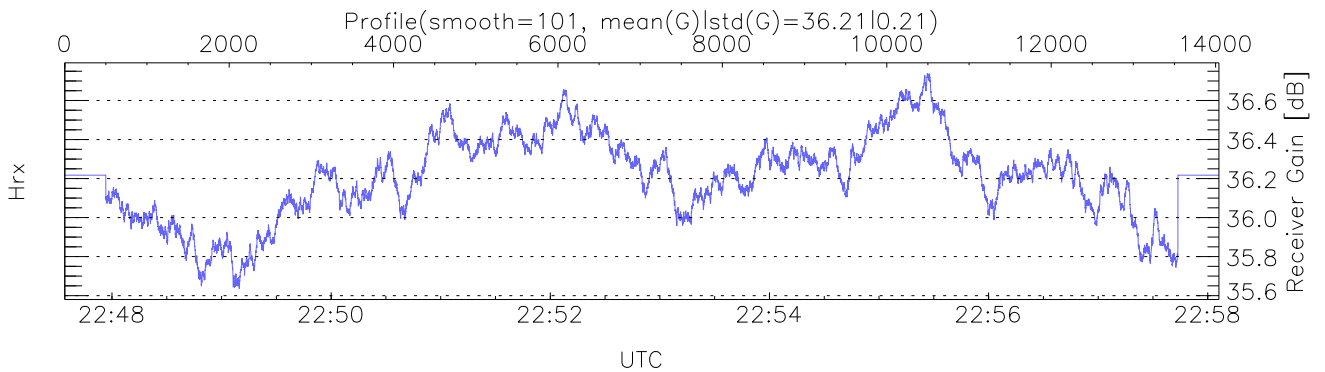
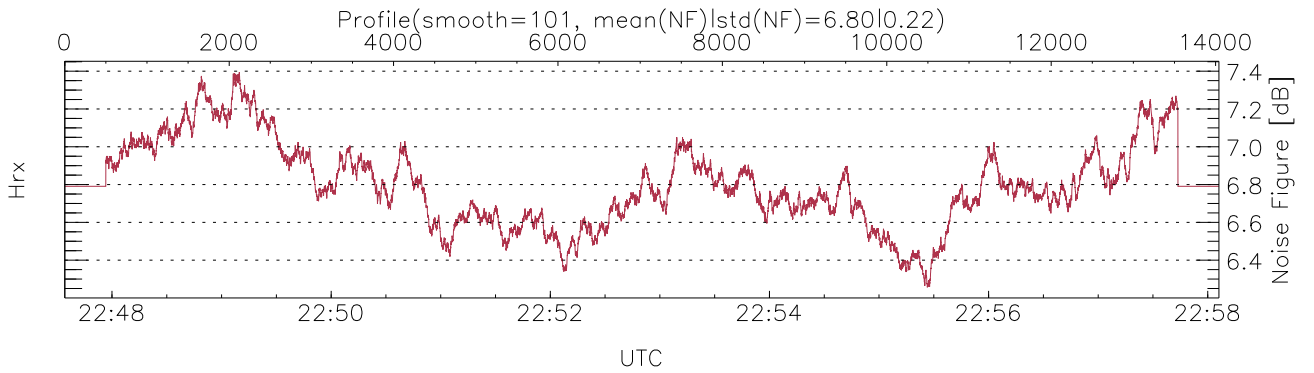
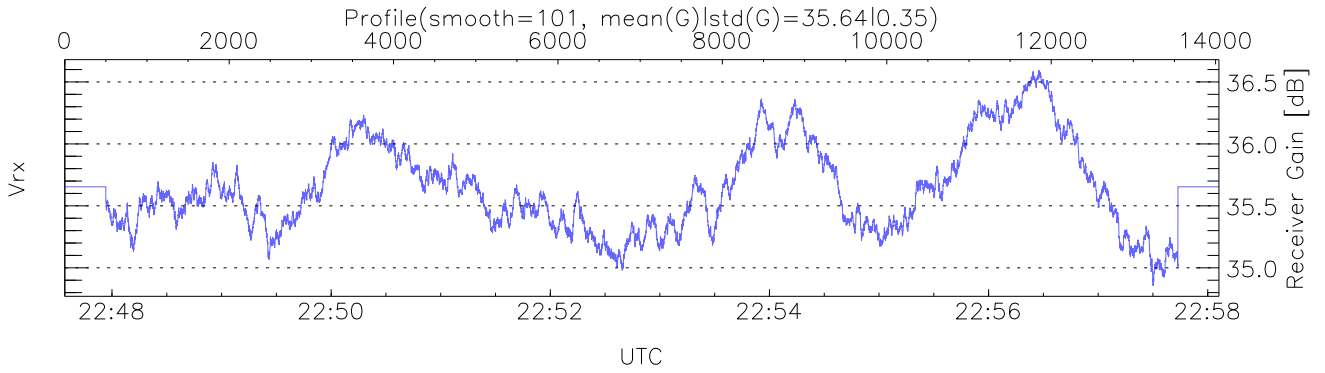
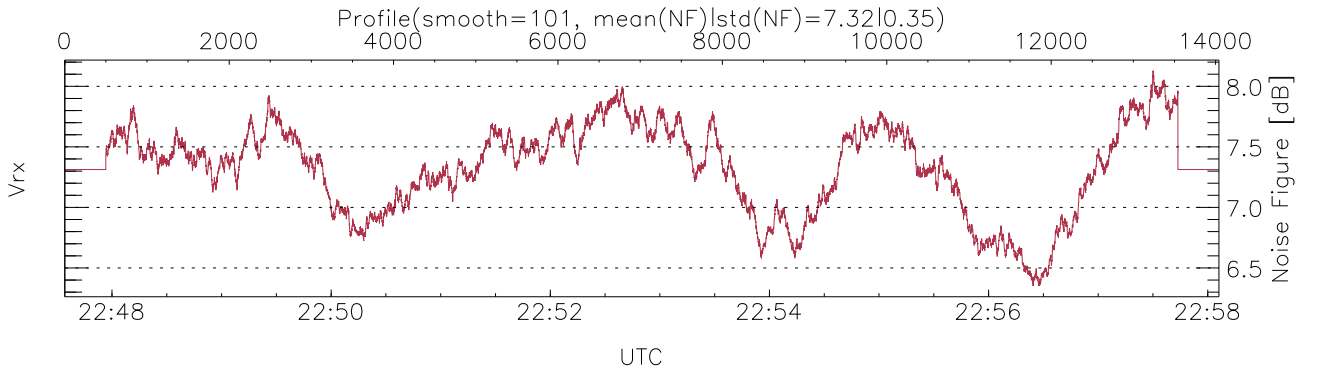
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 22:47:34-22:58:06, TimeCor: 0.00s, Dur: 632.00s  
 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): 14042/14042, 0-14041/22:47:34-22:58:06  
 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 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



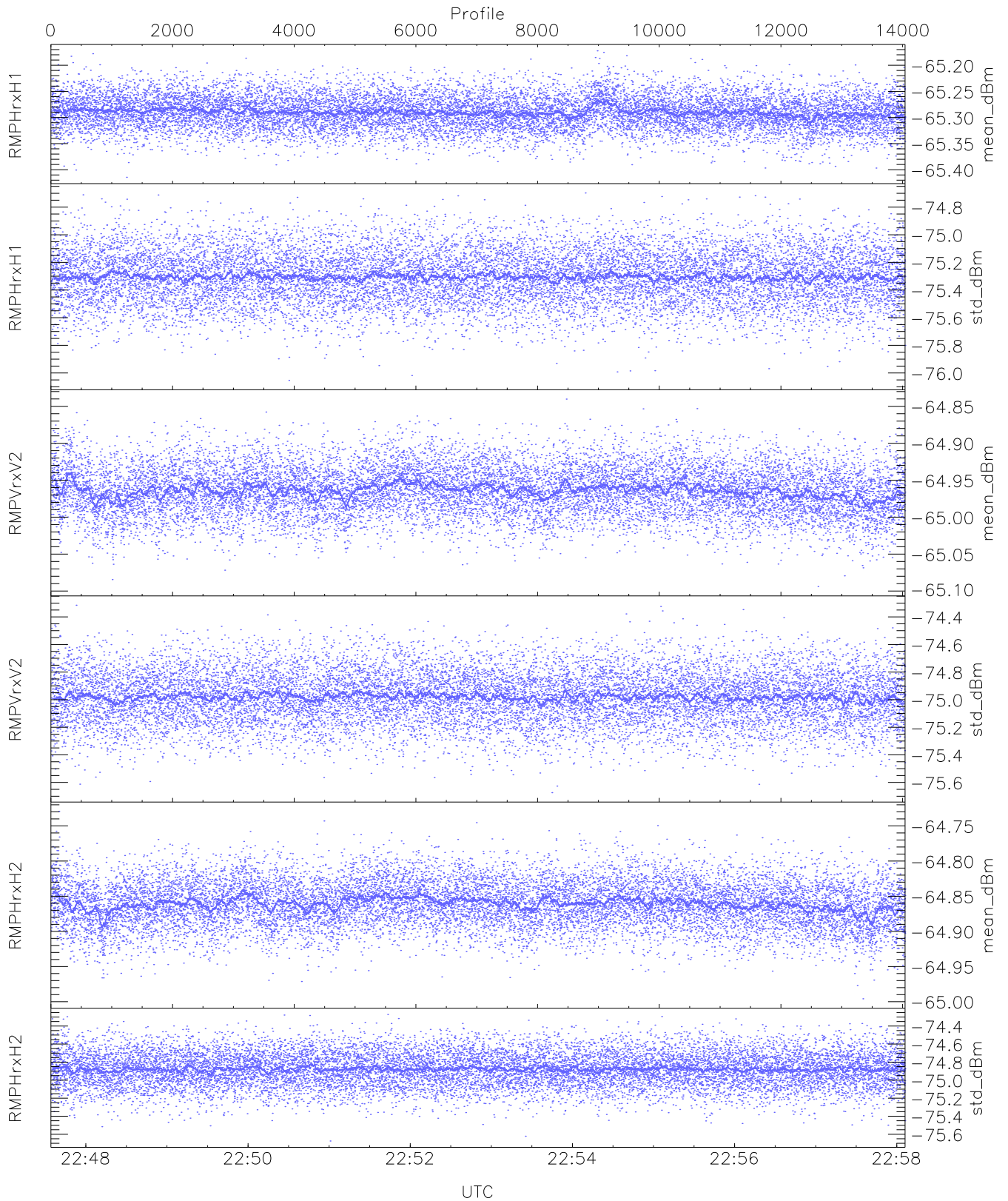
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

```
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,21,24,23,24
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,22,25,24,25
LOalarm(20,240,2817,14861 MHz): None
EIK Faults(# prof affected):
  BodyCurr,DeckF,OverDuty (22,22,22)
```



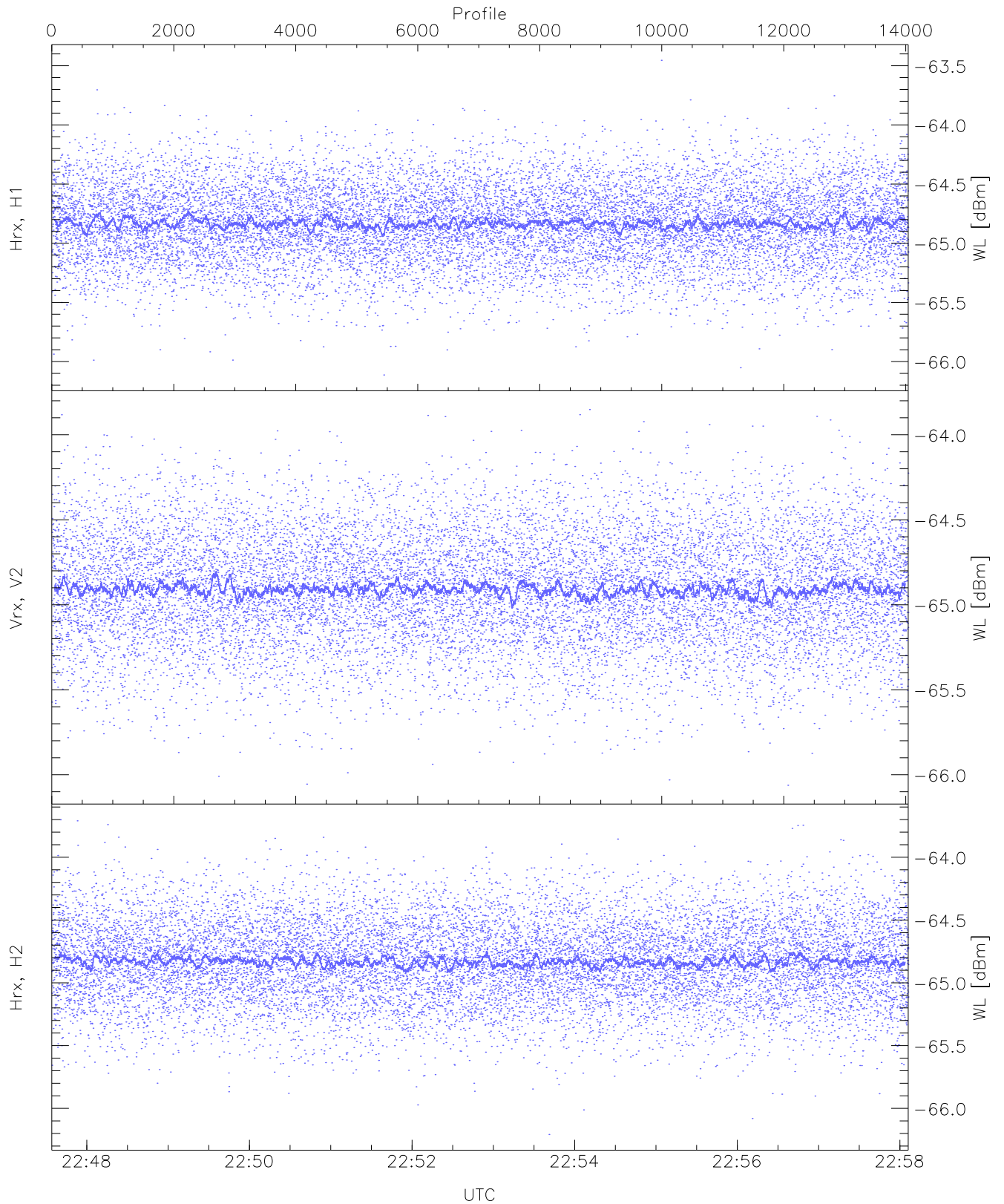
### WCR3 CPP Receivers Gain and Noise Figure

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



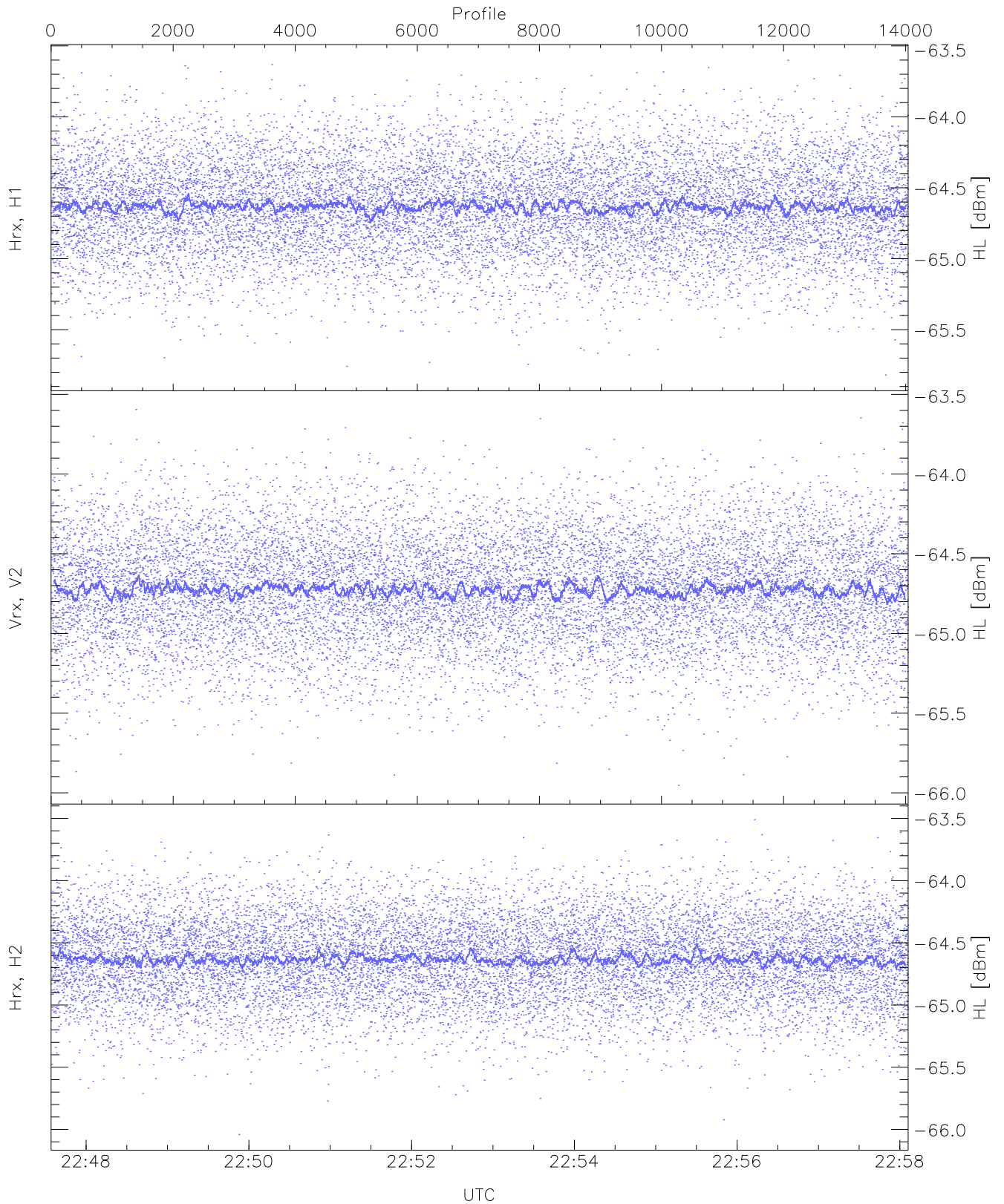
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.41	-65.17	-65.29	-65.29	-86.85
RMPHrxH1 (std_dBm)	-76.05	-74.70	-75.30	-75.30	-89.08
RMPVrxV2 (mean_dBm)	-65.09	-64.84	-64.96	-64.96	-86.39
RMPVrxV2 (std_dBm)	-75.67	-74.32	-74.98	-74.98	-88.81
RMPHrxH2 (mean_dBm)	-65.00	-64.73	-64.86	-64.86	-86.31
RMPHrxH2 (std_dBm)	-75.67	-74.27	-74.88	-74.88	-88.68



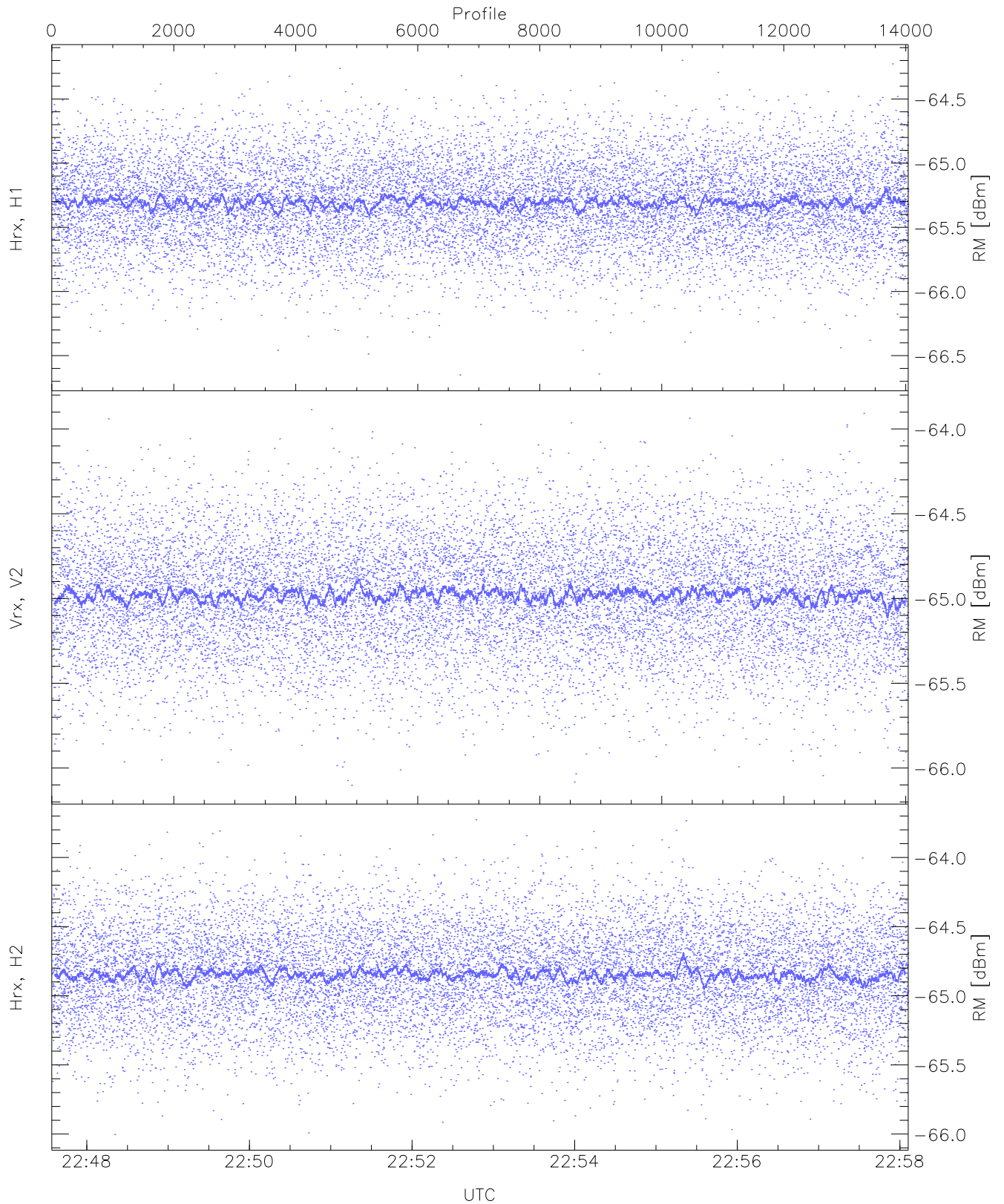
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.11	-63.45	-64.83	-64.83	-76.35
Vrx, V2 (WL [dBm])	-66.06	-63.85	-64.90	-64.91	-76.42
Hrx, H2 (WL [dBm])	-66.21	-63.70	-64.82	-64.83	-76.34



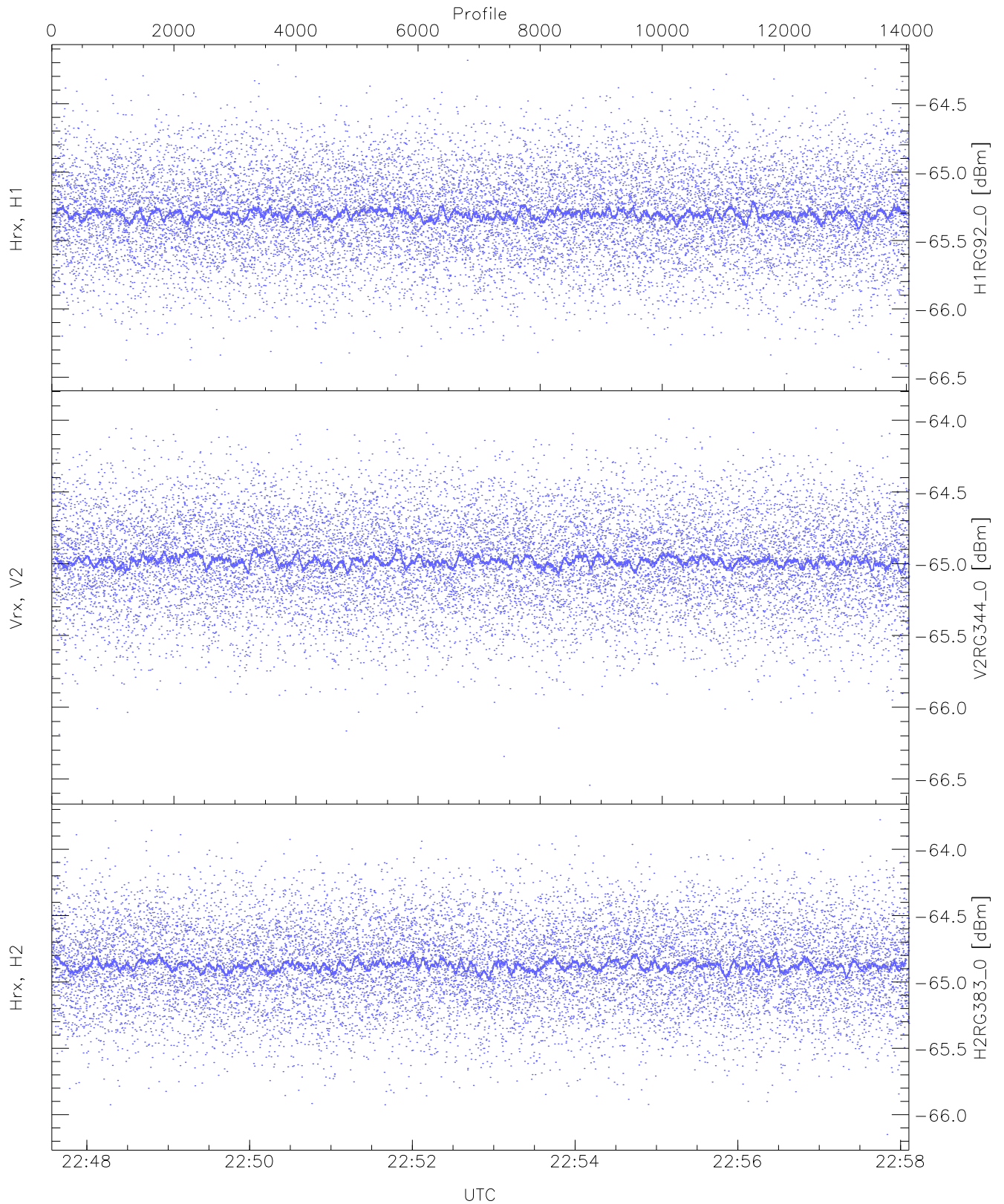
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.82	-63.60	-64.63	-64.63	-76.17
Vrx, V2 (HL [dBm])	-65.95	-63.60	-64.72	-64.73	-76.18
Hrx, H2 (HL [dBm])	-66.04	-63.51	-64.63	-64.63	-76.12



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

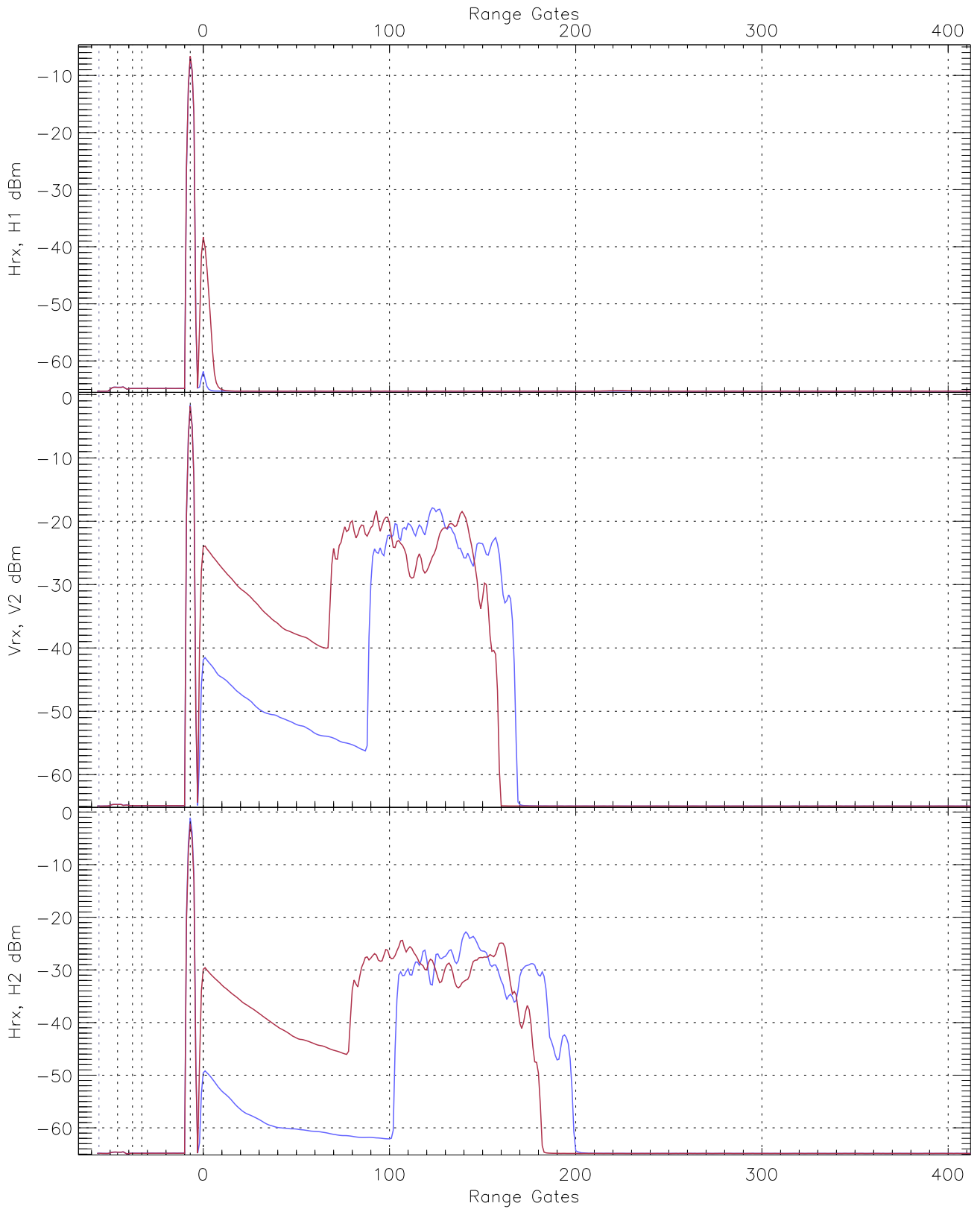
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.65	-64.20	-65.30	-65.31	-76.81
Vrx, V2 (RM [dBm])	-66.10	-63.89	-64.97	-64.98	-76.50
Hrx, H2 (RM [dBm])	-66.00	-63.73	-64.84	-64.85	-76.32



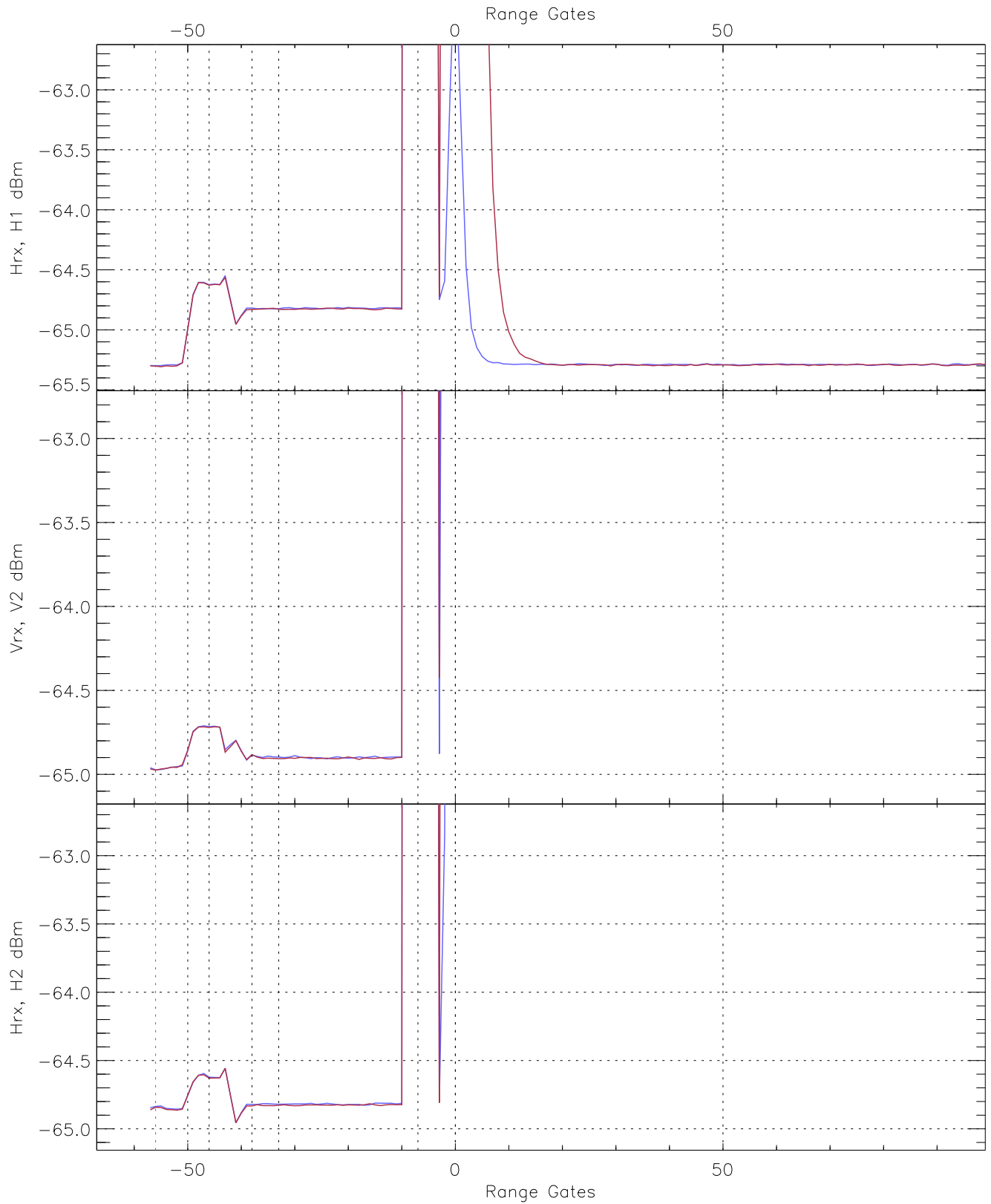
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG92_0 [dBm]	-66.48	-64.18	-65.30	-65.31	-76.77
V2RG344_0 [dBm]	-66.54	-63.93	-64.97	-64.98	-76.48
H2RG383_0 [dBm]	-66.15	-63.78	-64.87	-64.88	-76.38

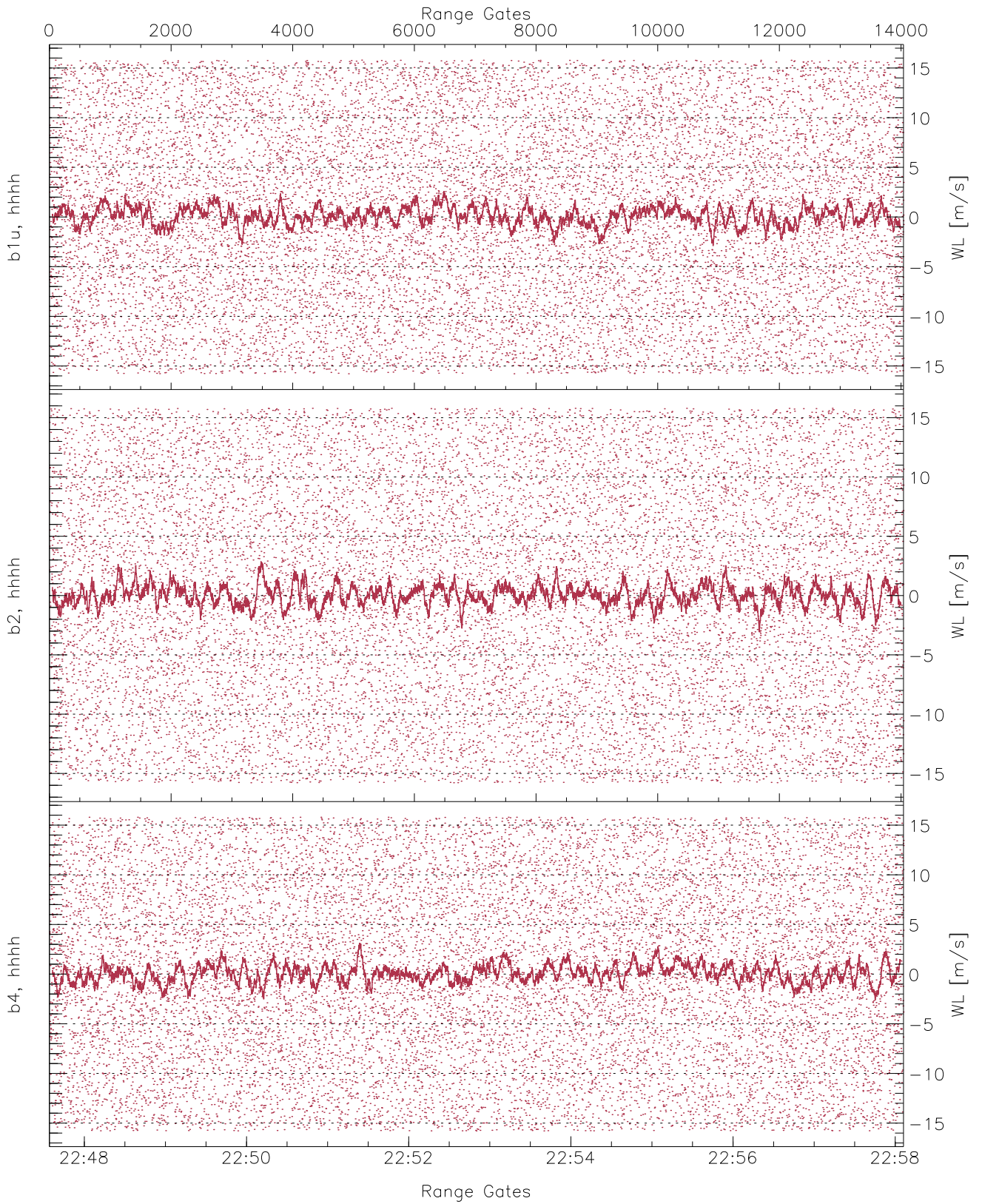




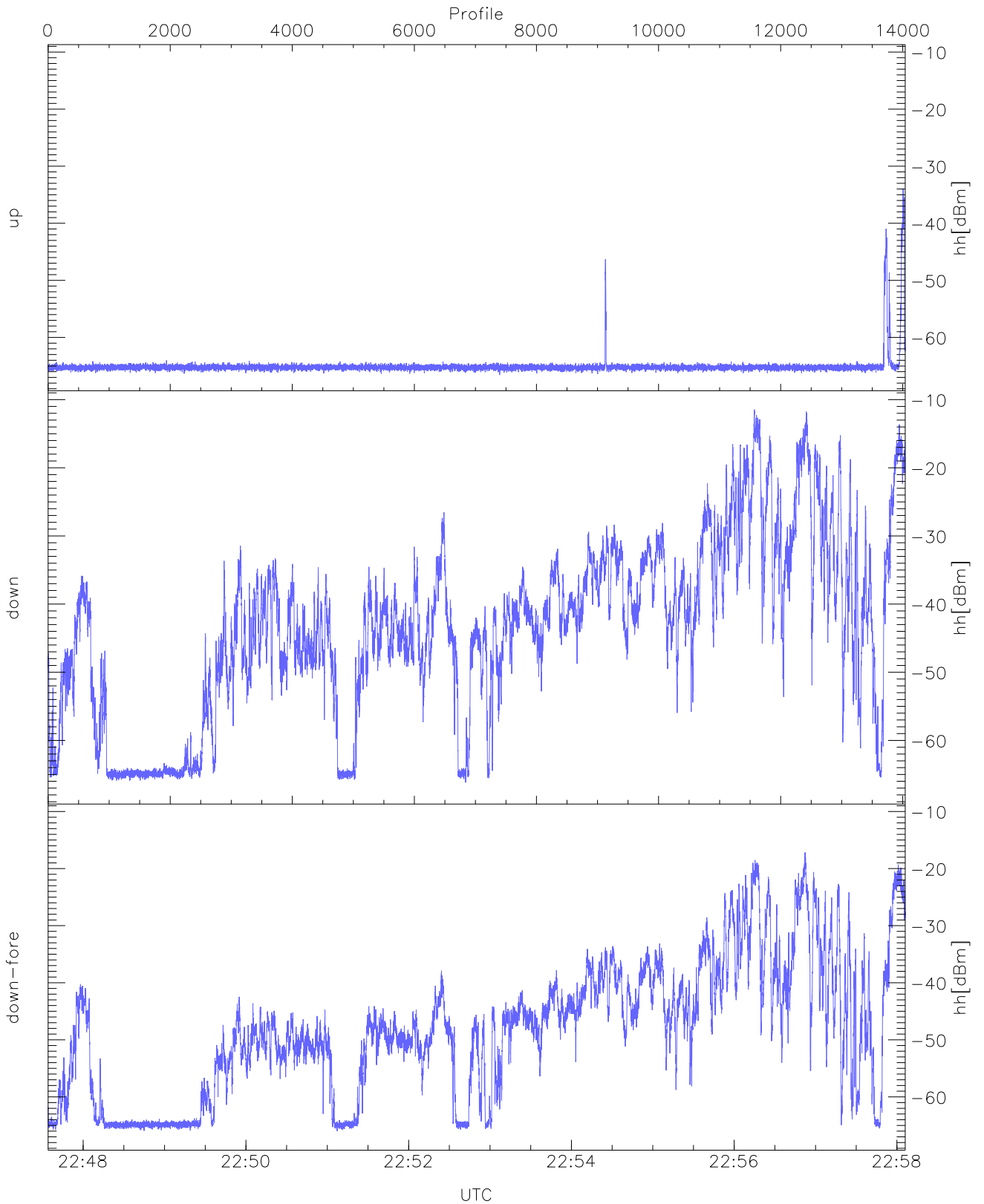
WCR3 CPP Averaged Received power for all recorded gates  
blue: 224734-225250, 7022 profiles averaged  
red: 225250-225806, 7021 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 224734-225250, 7022 profiles averaged  
red: 225250-225806, 7021 profiles averaged

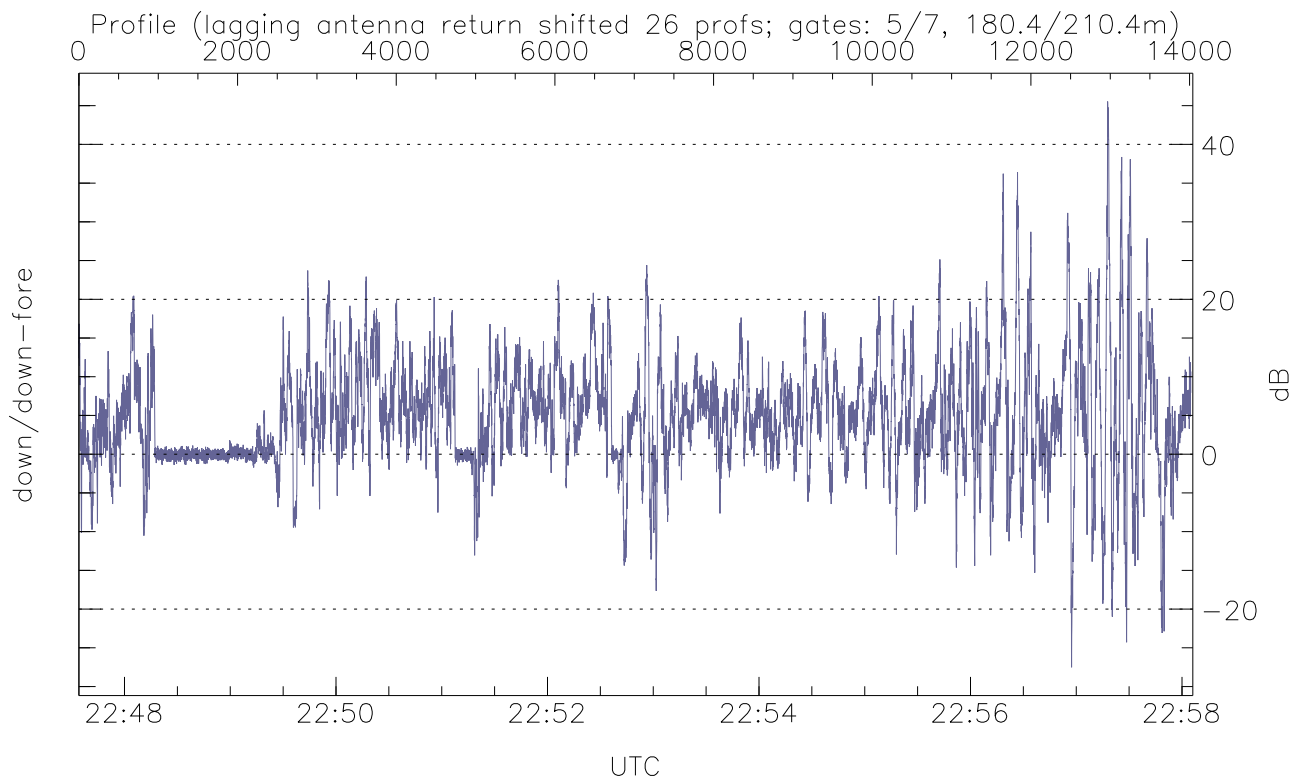
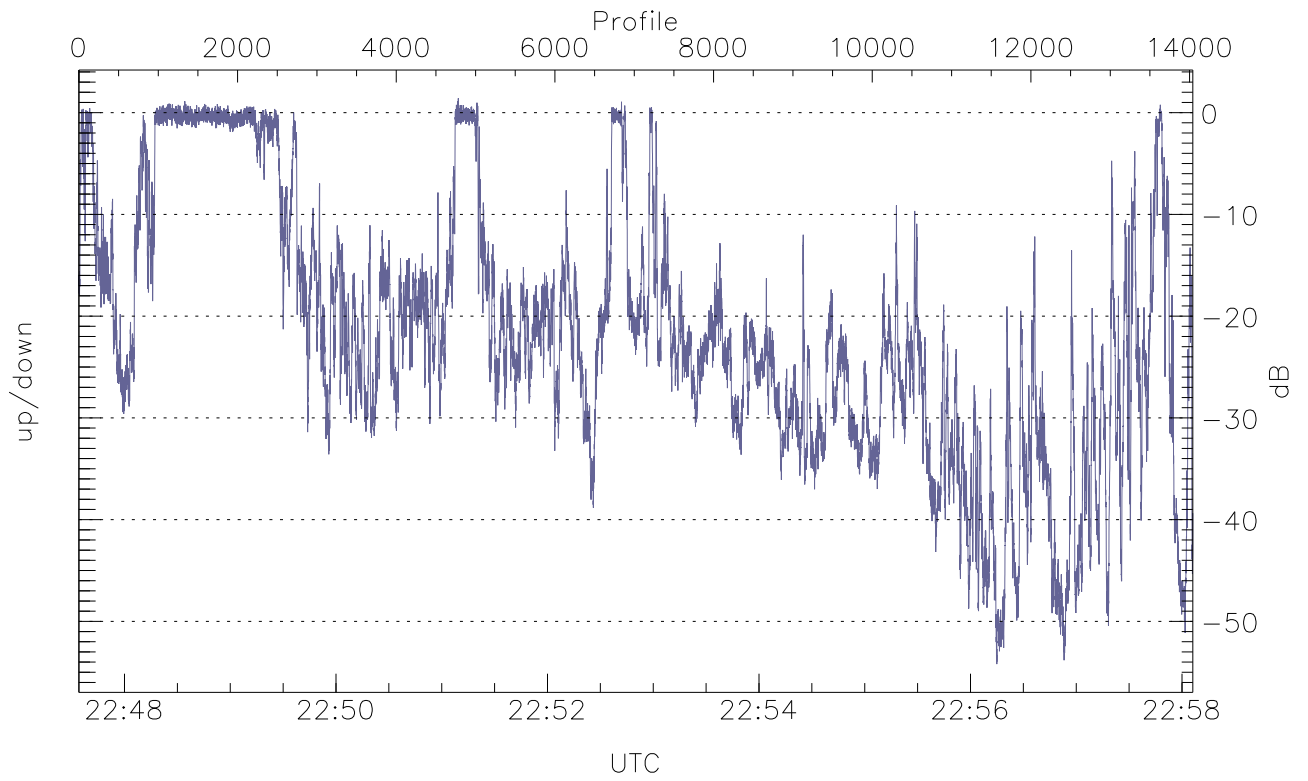


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



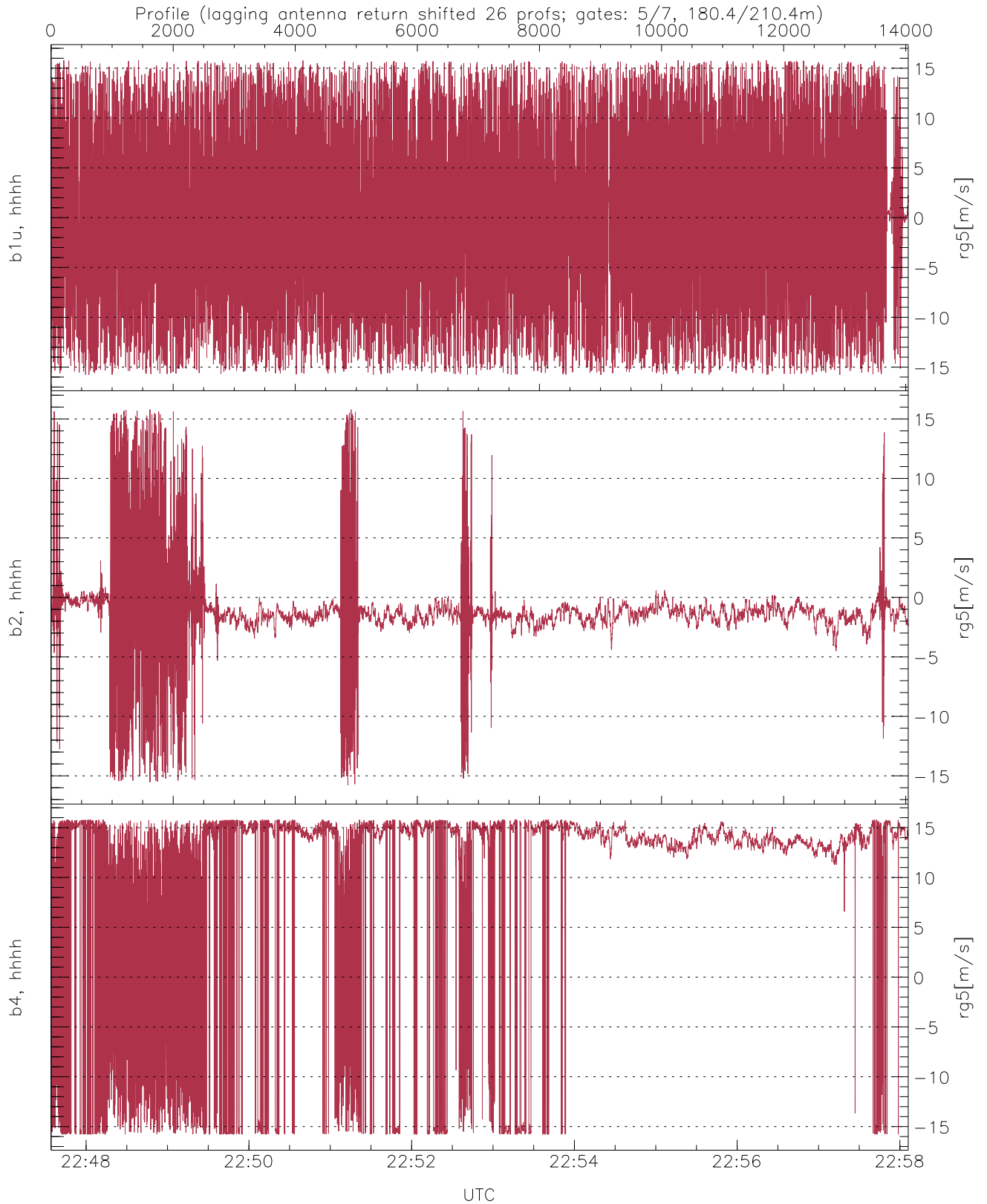
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh [dBm])	-66.58	-33.93	-60.48
down(hh [dBm])	-66.19	-11.45	-28.47
down-fore(hh [dBm])	-65.99	-17.12	-34.15



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

	Min	Max	Mean
up/down (dB)	-54.20	1.41	-21.40
down/down-fore (dB)	-27.51	45.54	4.91



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	0.01	7.92
b2, hhhh(rg5[m/s])	-15.79	15.79	-1.22	2.96
b4, hhhh(rg5[m/s])	-15.79	15.79	9.26	10.15