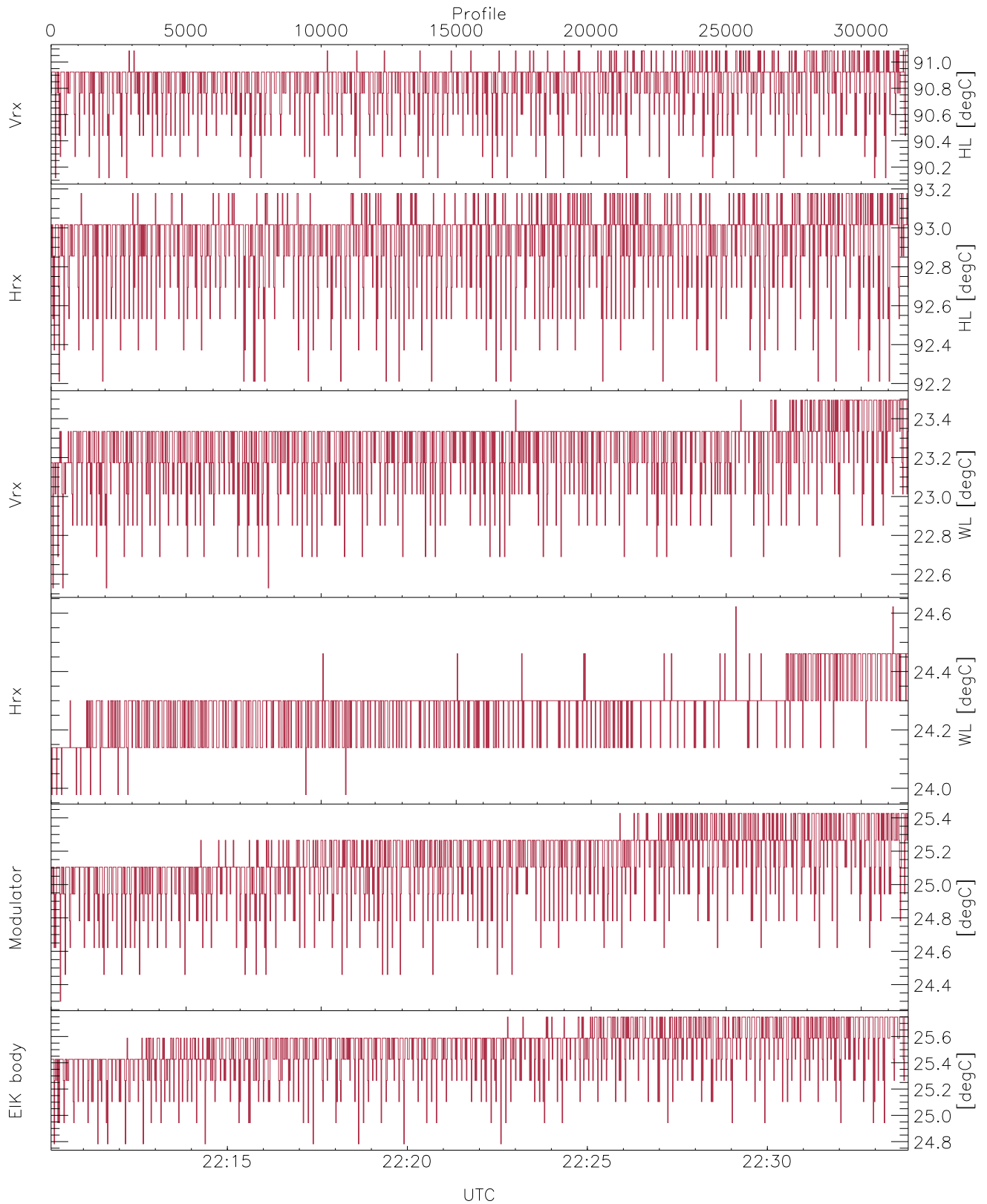


WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

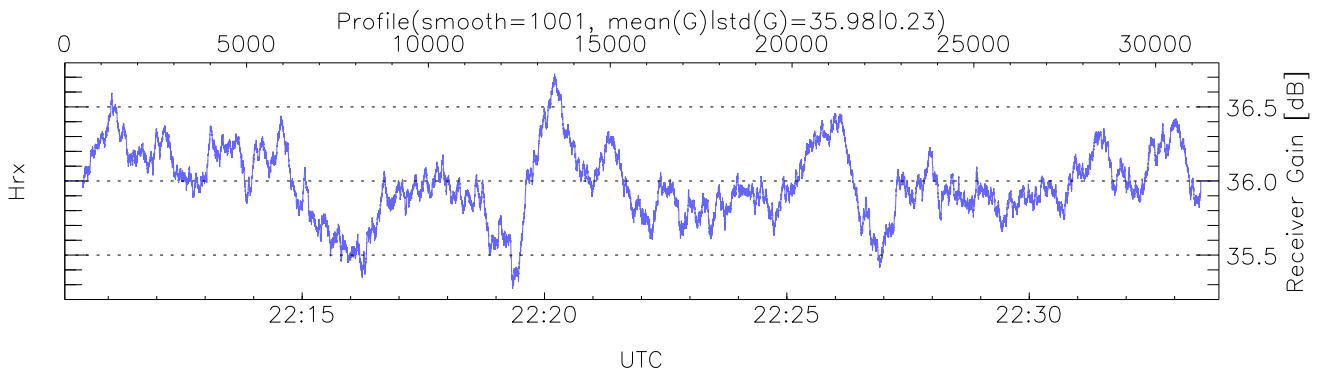
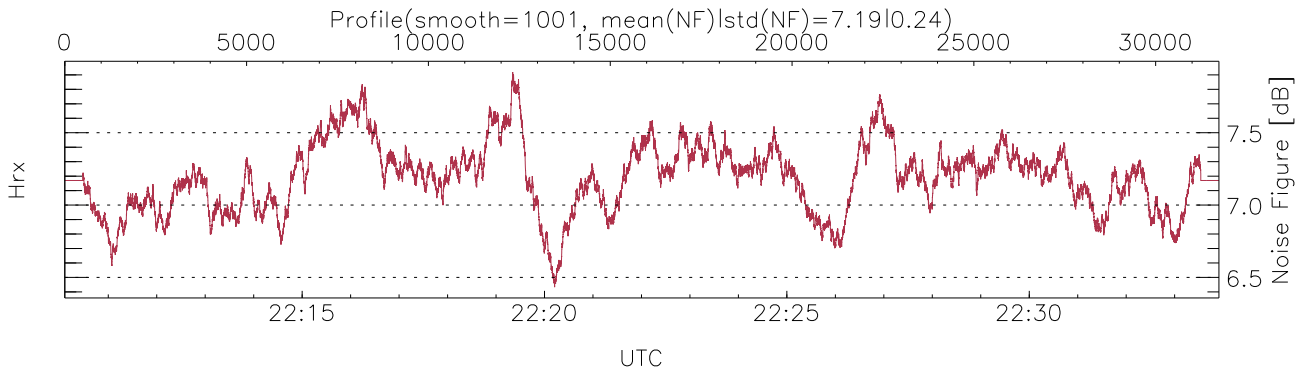
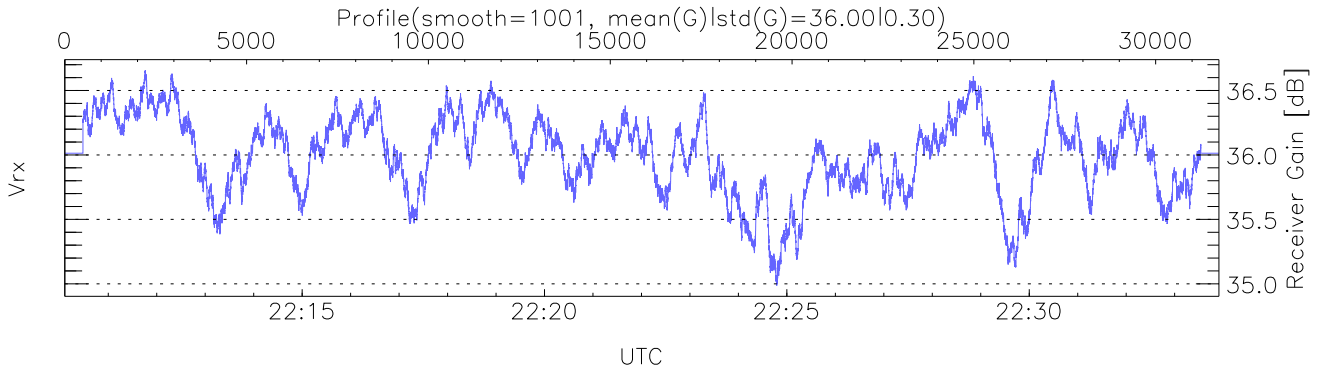
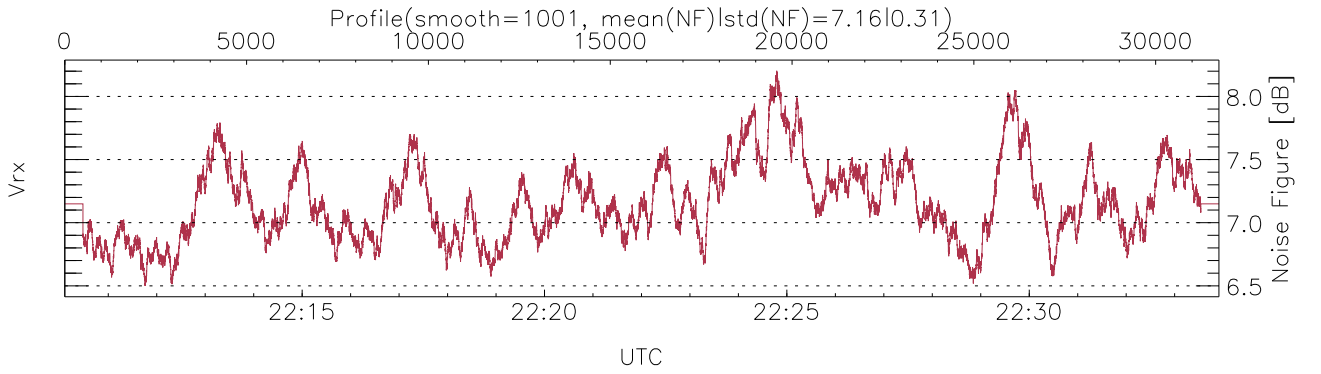
UTC: 22:10:06-22:33:55, TimeCor: 0.00s, Dur: 1428.66s
 TimeFlg: 1, TFPstatus constant.
 TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
 NumRec(r/t): 31741/31741, 0-31740/22:10:06-22:33:55
 AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
 Pulse: 250ns, IFF: 4.0MHz, 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

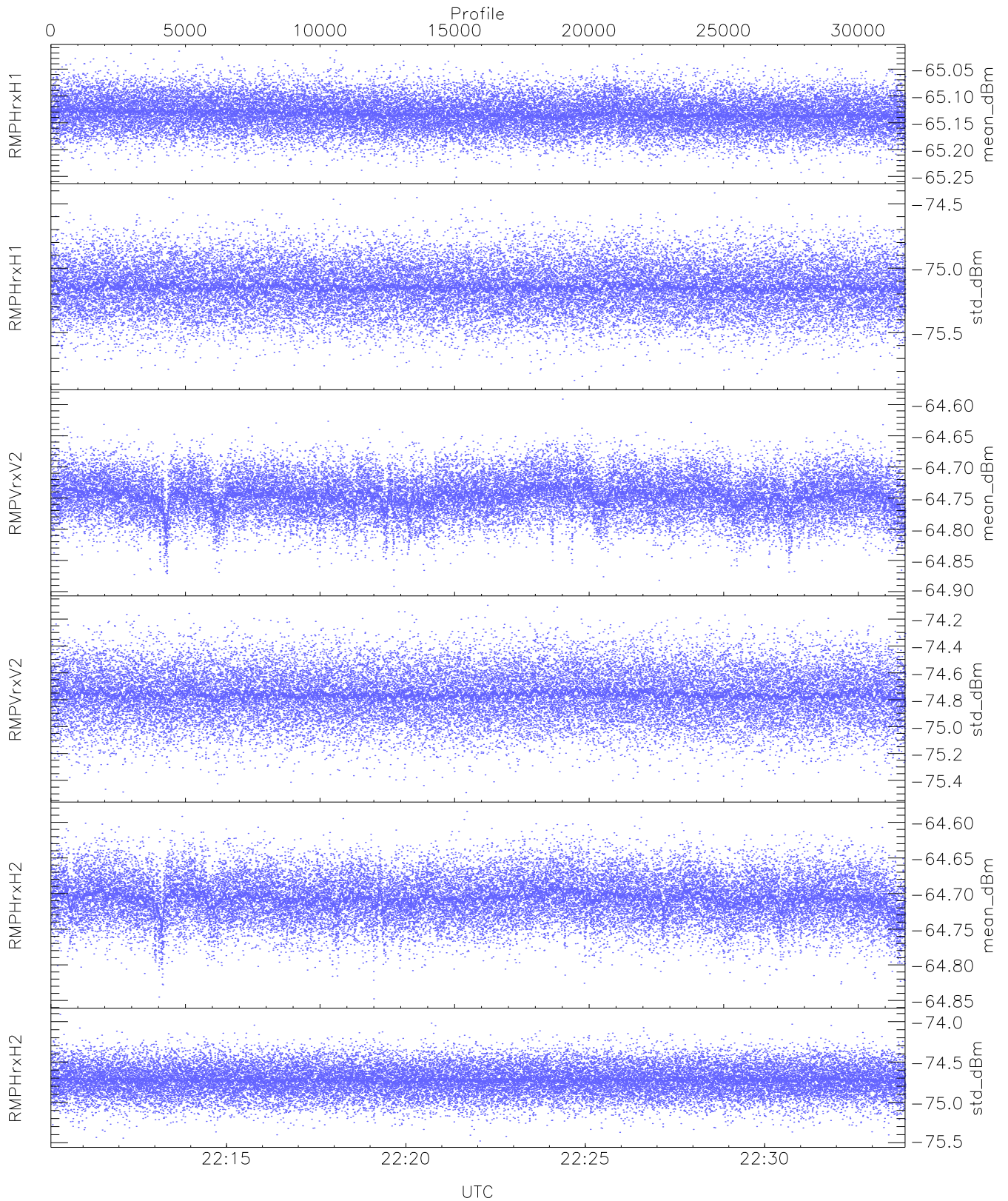
```

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,22,23,24,24
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,23,24,25,25
LOalarm(20,240,2817,14861 MHz): 0,0,24,0
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,Fault2,DeckF,OverDuty,HVPS,Fault1 (22,22,22,22,22,22,22,22)
    
```



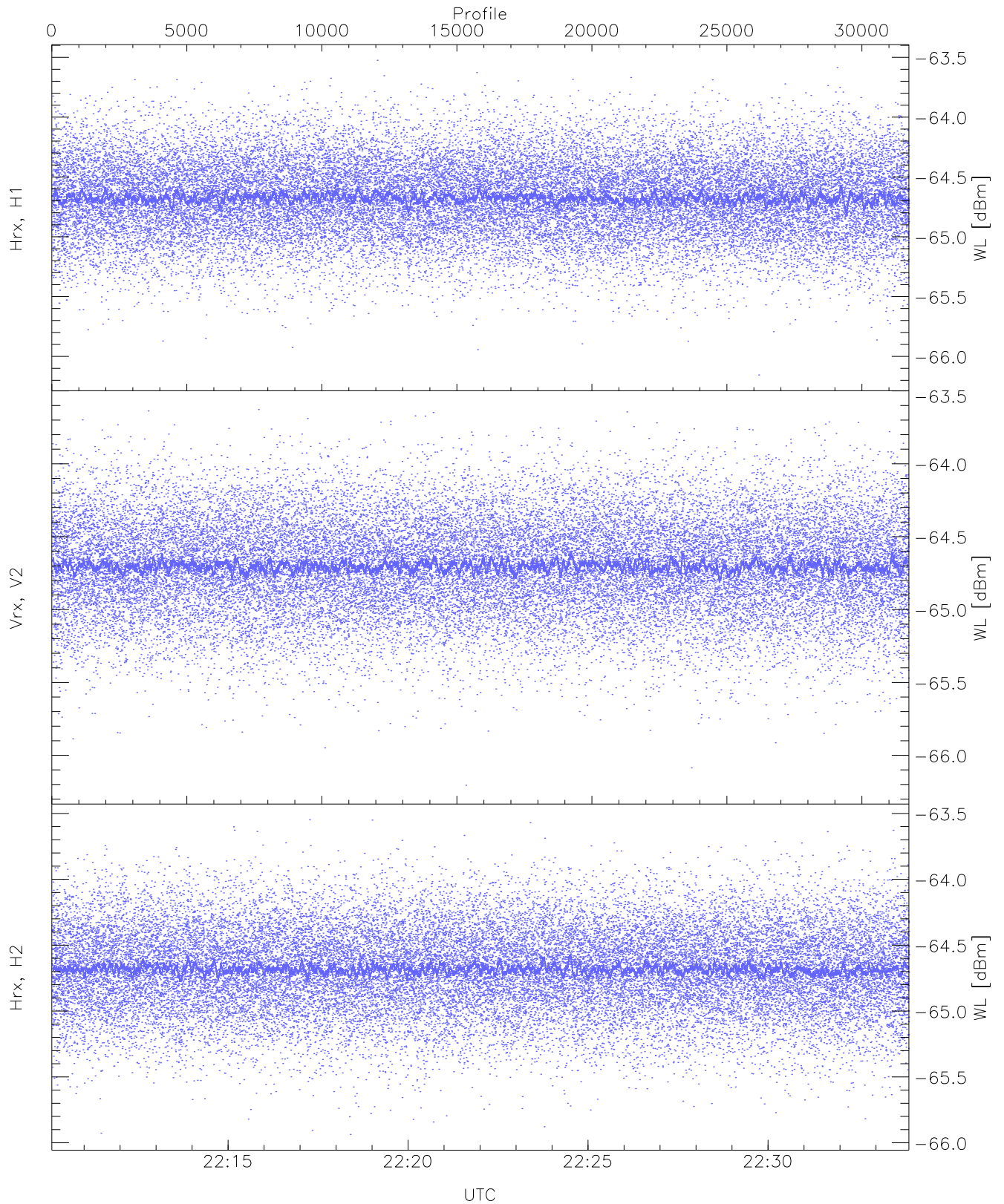
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 81 pixs, 16 gates, 81 profs, 1 prod(s)



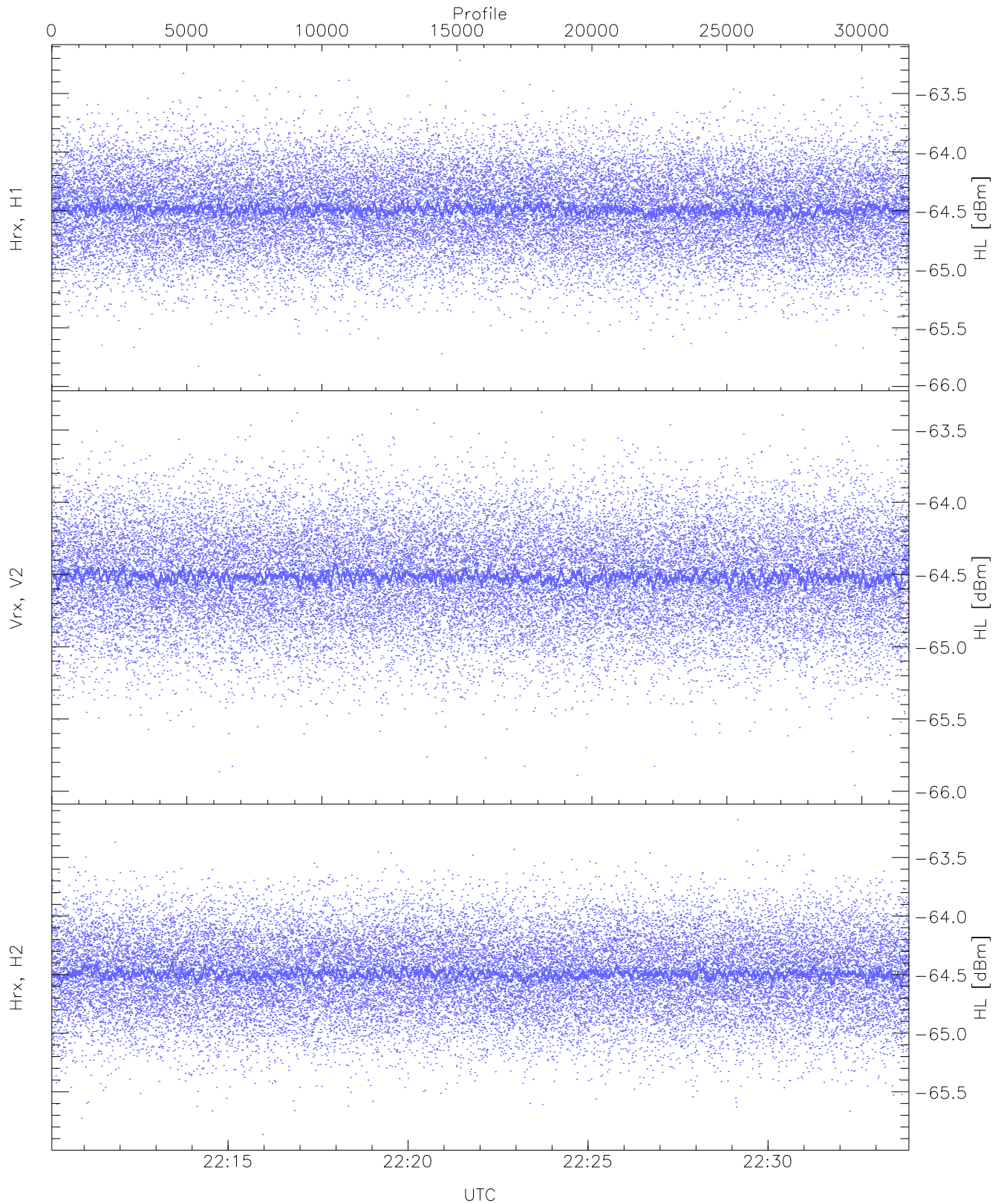
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.25	-65.02	-65.13	-65.13	-86.71
RMPHrxH1(std_dBm)	-75.87	-74.42	-75.15	-75.15	-88.94
RMPVrxV2(mean_dBm)	-64.89	-64.59	-64.75	-64.75	-86.06
RMPVrxV2(std_dBm)	-75.49	-74.10	-74.76	-74.76	-88.53
RMPHrxH2(mean_dBm)	-64.85	-64.58	-64.71	-64.71	-86.18
RMPHrxH2(std_dBm)	-75.48	-73.91	-74.72	-74.73	-88.50



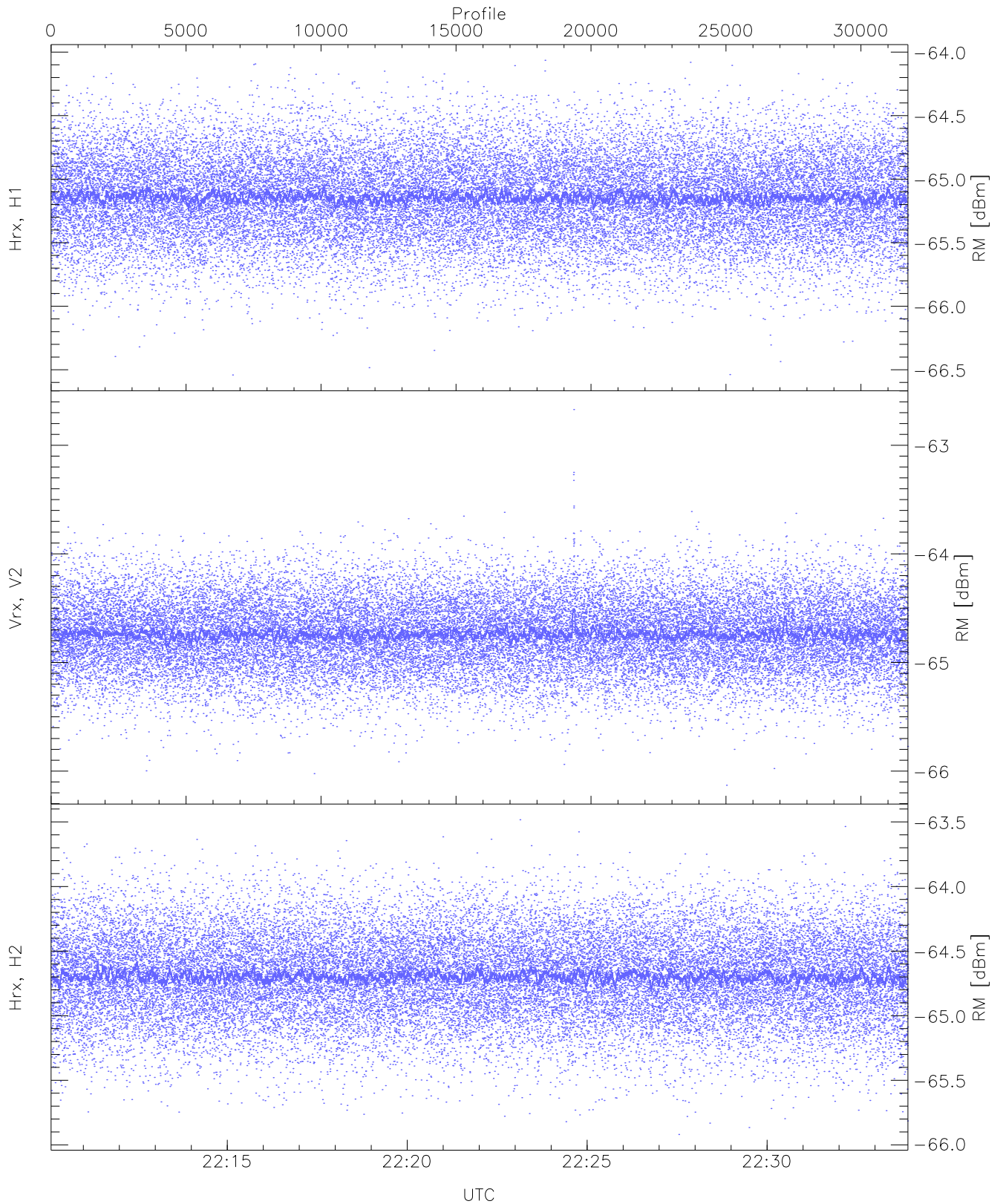
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.16	-63.52	-64.67	-64.68	-76.16
Vrx, V2 (WL [dBm])	-66.21	-63.63	-64.70	-64.70	-76.19
Hrx, H2 (WL [dBm])	-65.94	-63.55	-64.68	-64.68	-76.22



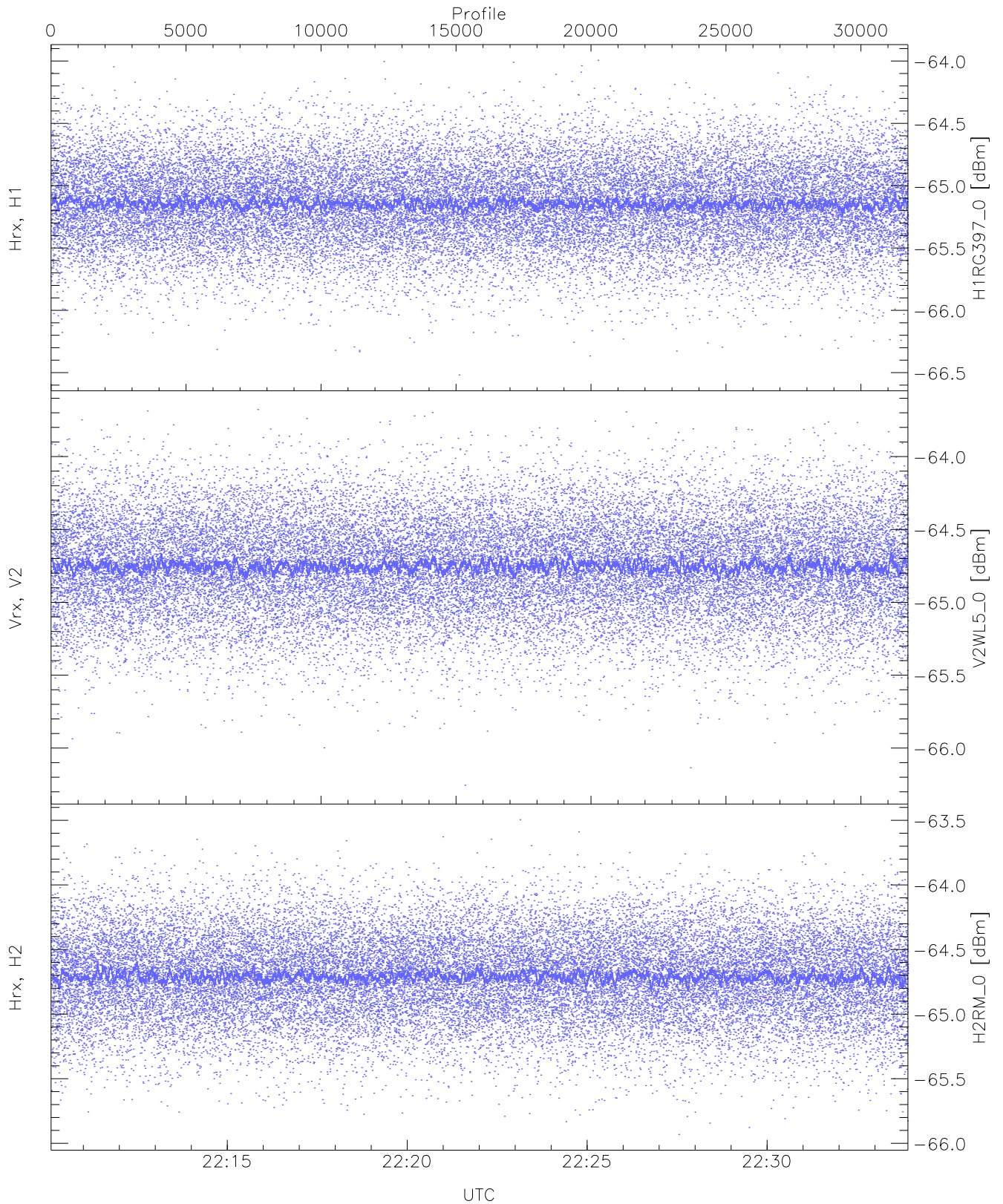
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.90	-63.22	-64.48	-64.49	-75.99
Vrx, V2 (HL [dBm])	-65.96	-63.36	-64.51	-64.52	-76.01
Hrx, H2 (HL [dBm])	-65.86	-63.18	-64.49	-64.49	-75.97



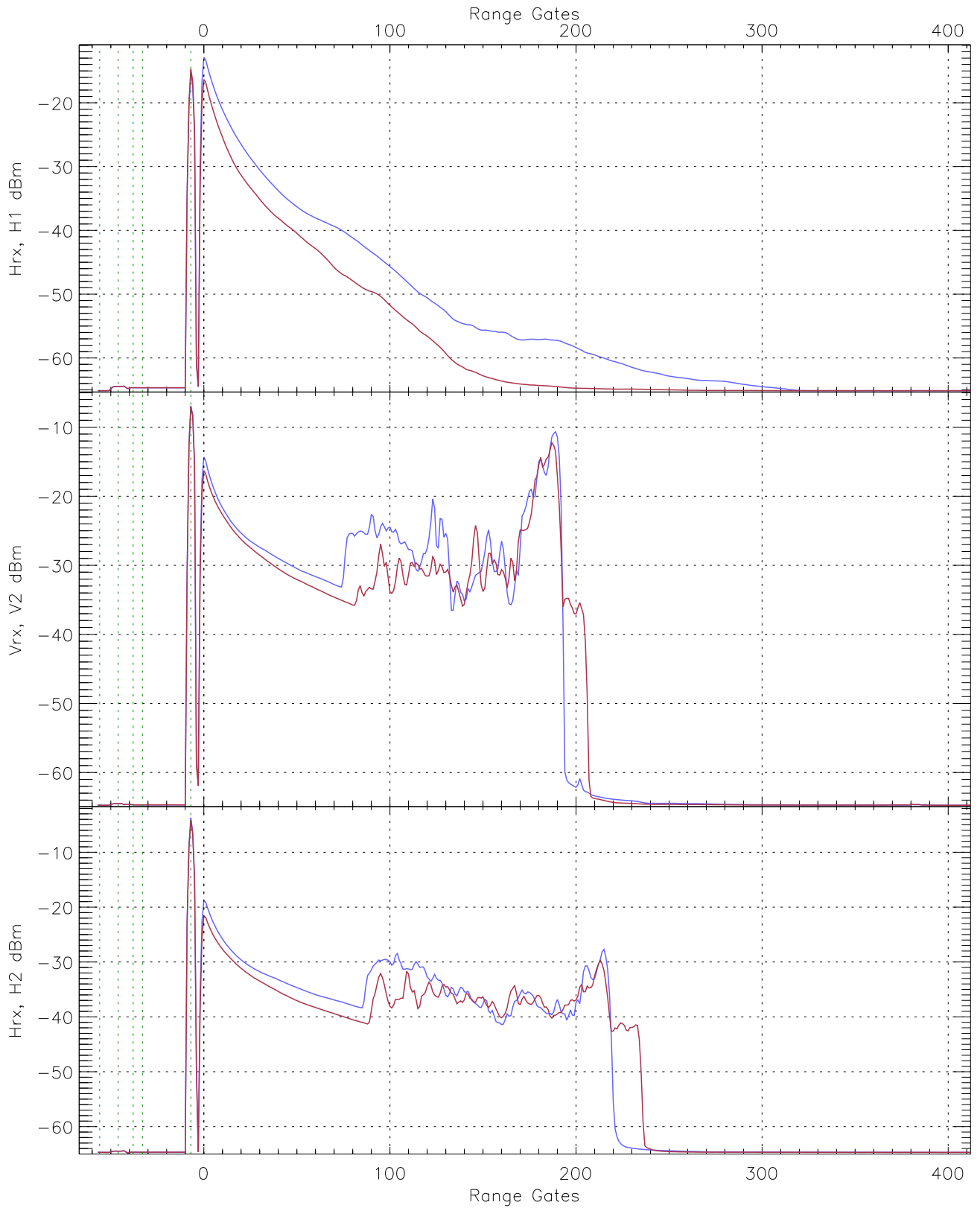
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.54	-64.06	-65.14	-65.14	-76.65
Vrx, V2 (RM [dBm])	-66.13	-62.67	-64.73	-64.74	-76.23
Hrx, H2 (RM [dBm])	-65.92	-63.48	-64.69	-64.70	-76.19

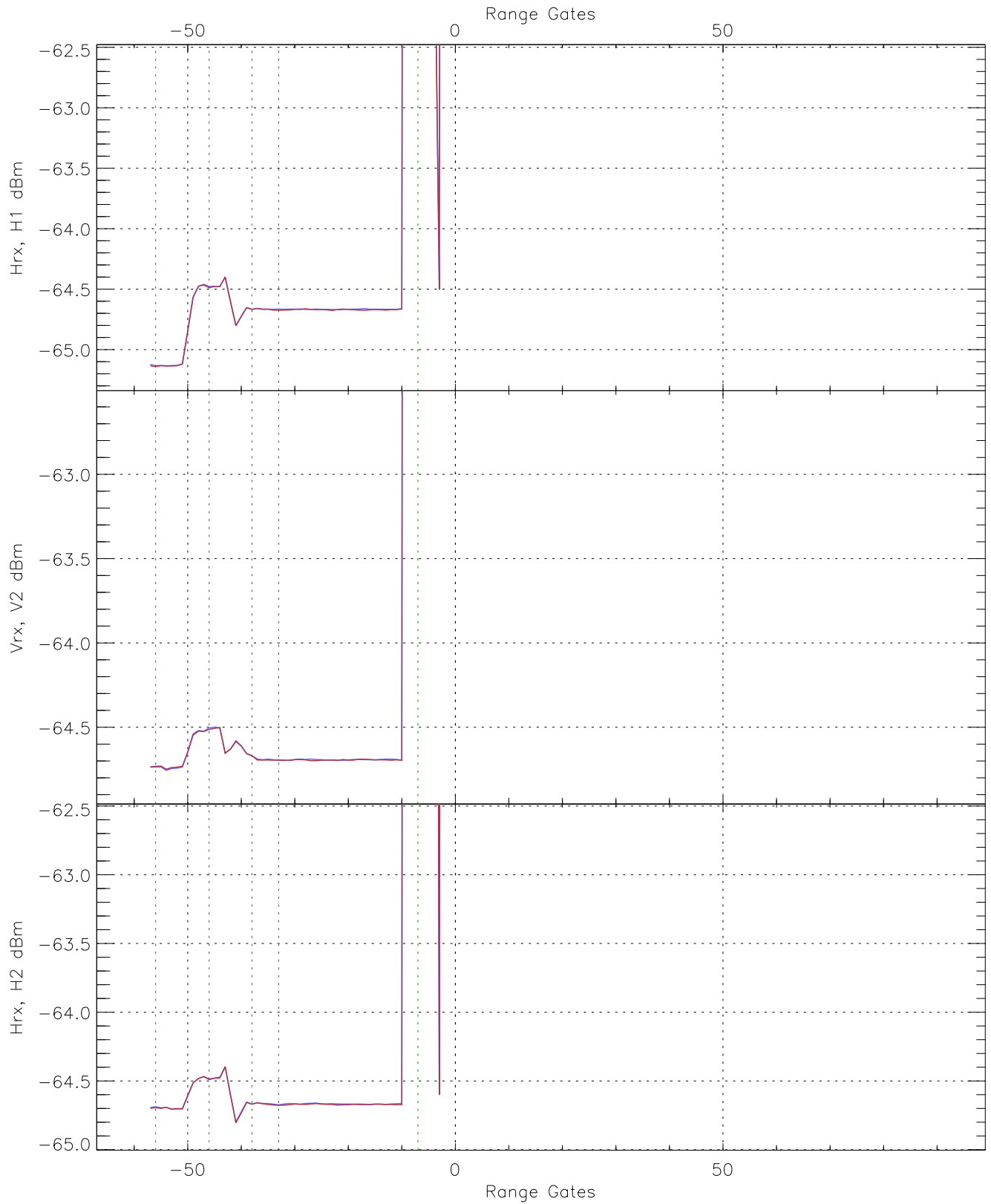


WCR3 CPP "Best" estimate Receivers Noise Power

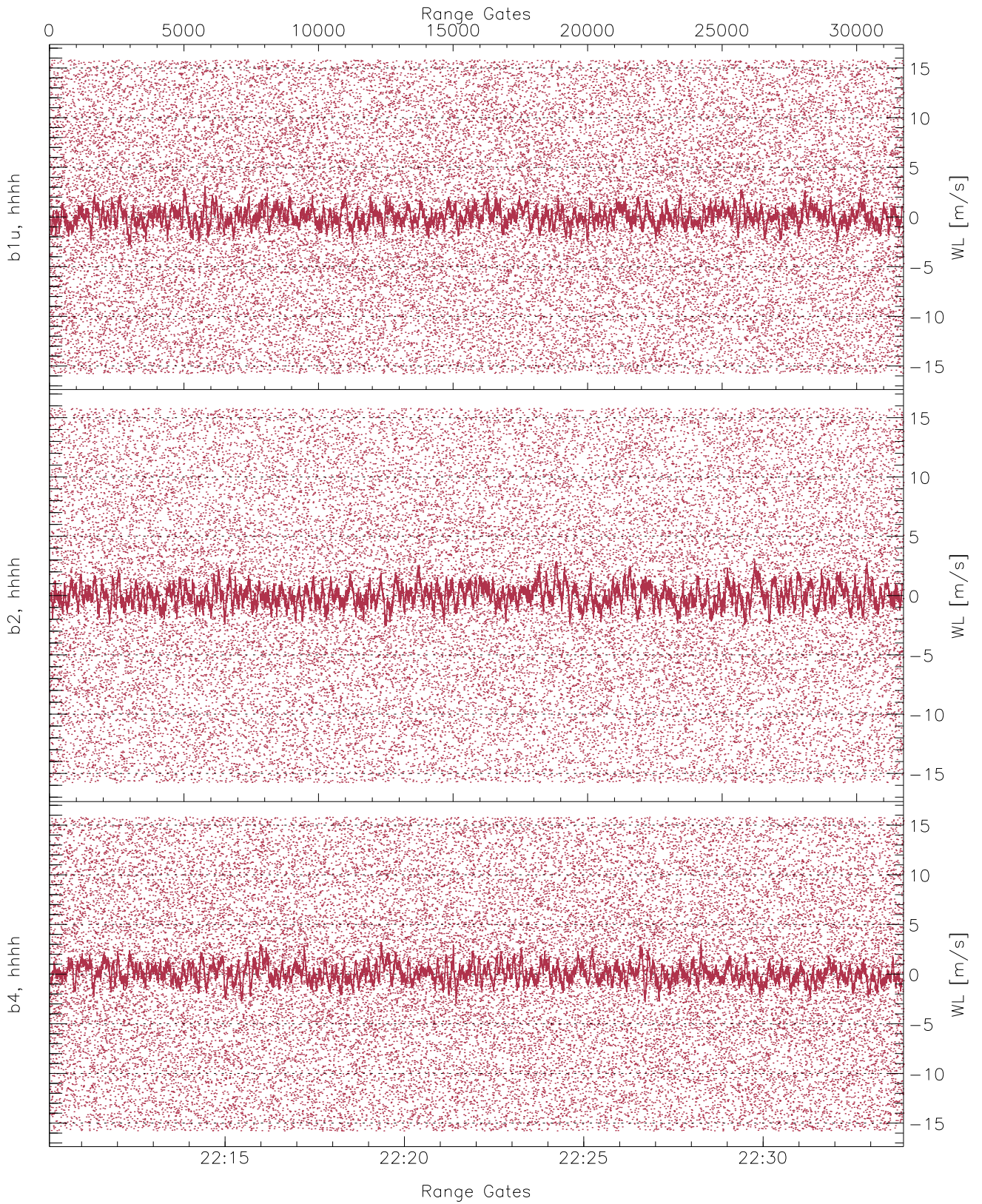
	Min	Max	Mean	Median	StDev
H1RG397_0 [dBm]	-66.52	-63.99	-65.14	-65.15	-76.63
V2WL5_0 [dBm]	-66.26	-63.68	-64.75	-64.75	-76.24
H2RM_0 [dBm]	-65.93	-63.50	-64.70	-64.71	-76.20



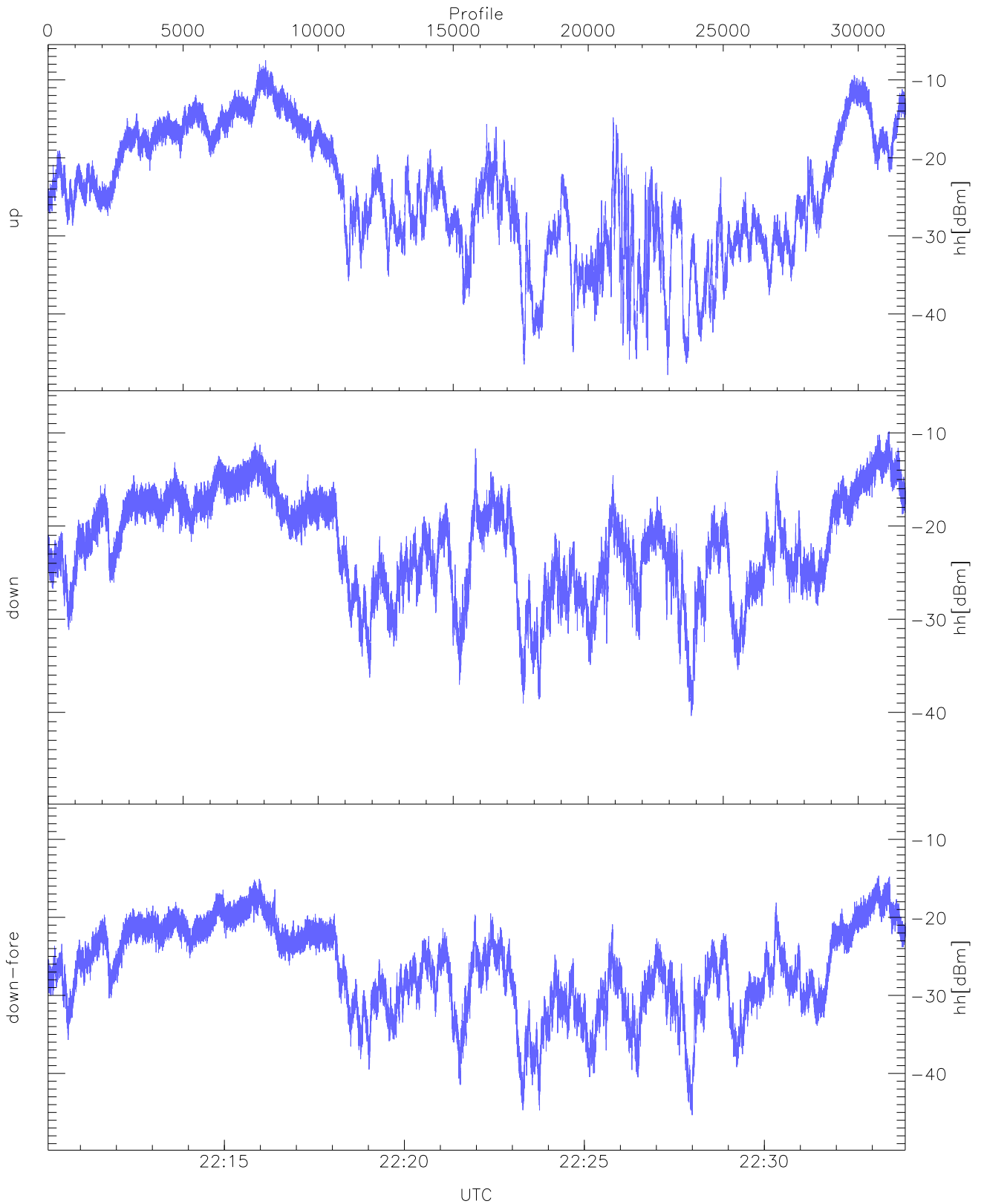
WCR3 CPP Averaged Received power for all recorded gates
blue: 221006-222201, 15871 profiles averaged
red: 222201-223355, 15871 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 221006-222201, 15871 profiles averaged
red: 222201-223355, 15871 profiles averaged

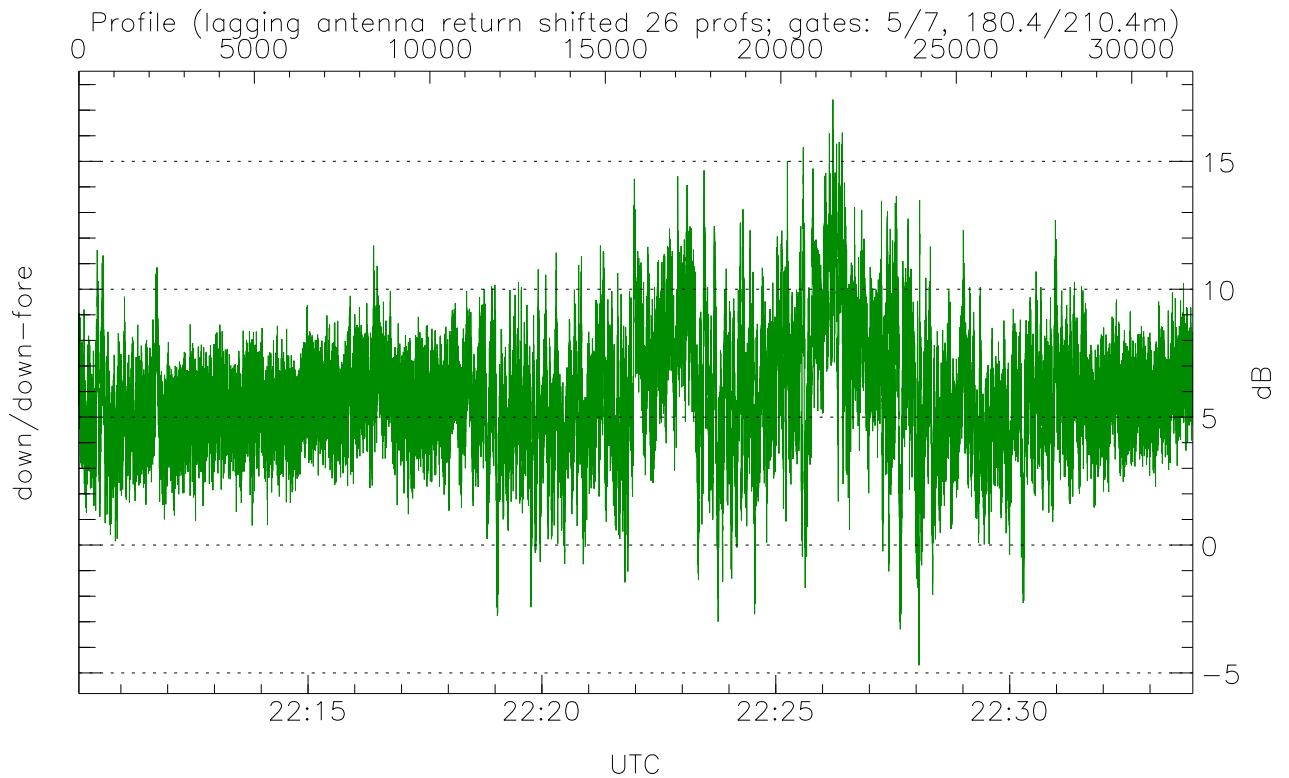
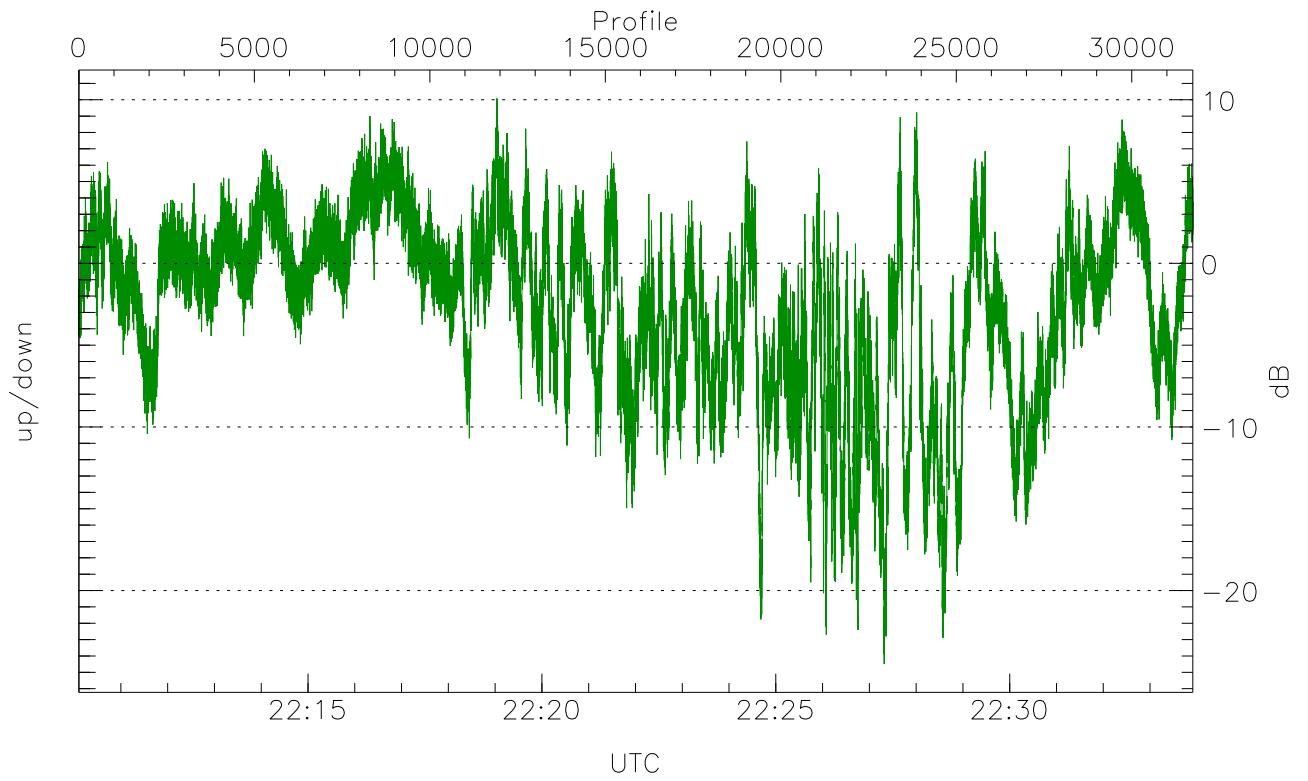


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



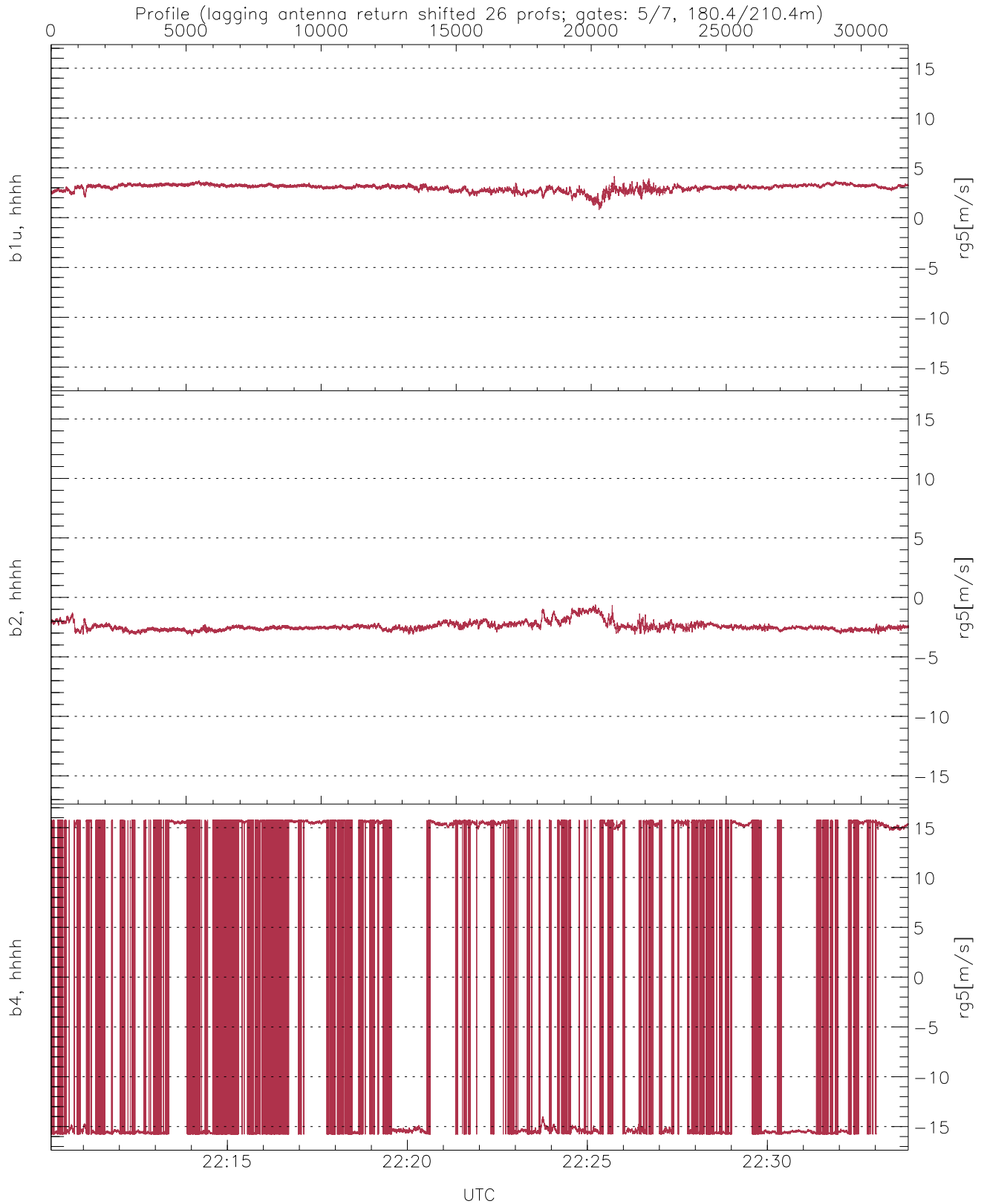
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-47.82	-7.49	-18.84
down(hh[dBm])	-40.38	-9.85	-19.29
down-fore(hh[dBm])	-45.35	-14.66	-23.75



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

	Min	Max	Mean
up/down (dB)	-24.49	10.09	-2.53
down/down-fore (dB)	-4.70	17.42	5.81



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	0.78	4.16	3.00	0.34
b2, hhhh(rg5[m/s])	-3.27	-0.61	-2.43	0.37
b4, hhhh(rg5[m/s])	-15.79	15.79	-0.34	15.55