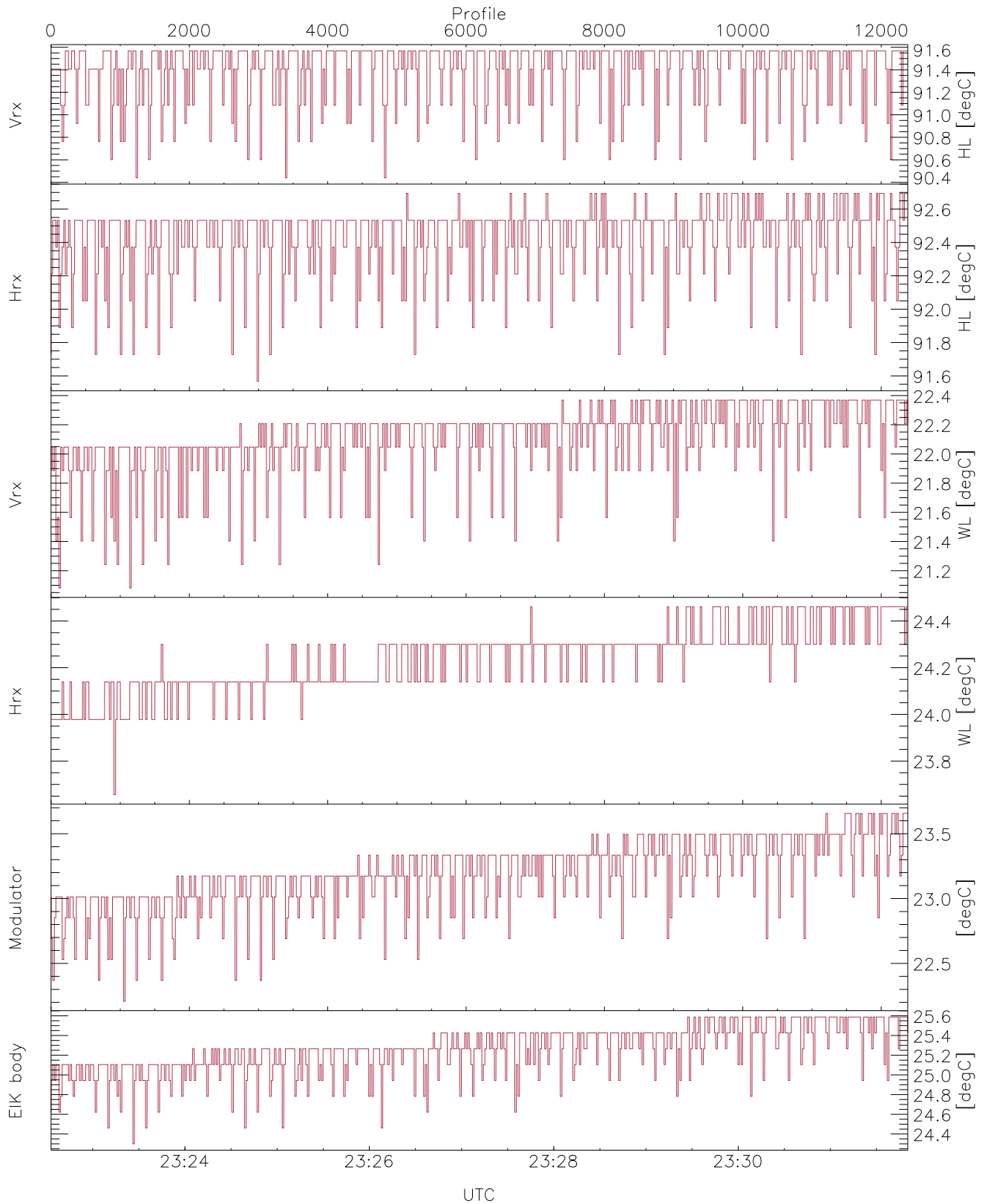


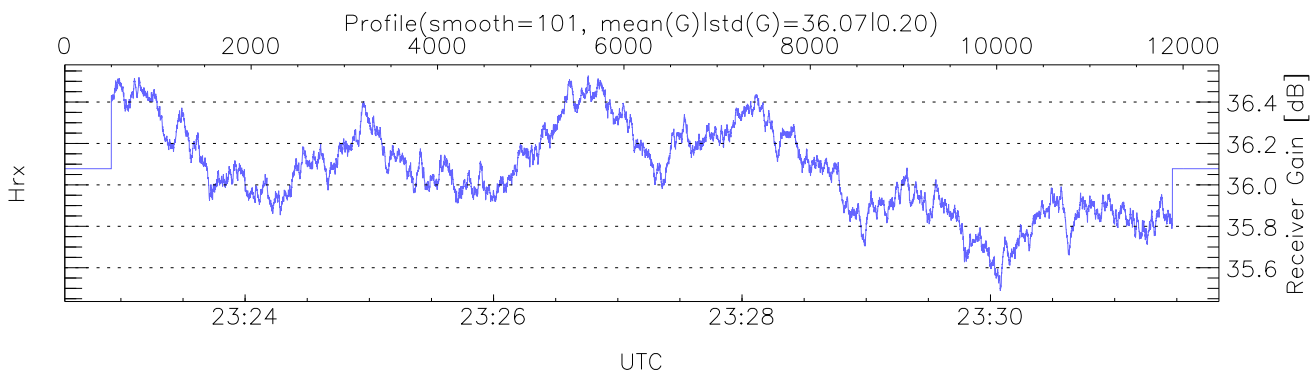
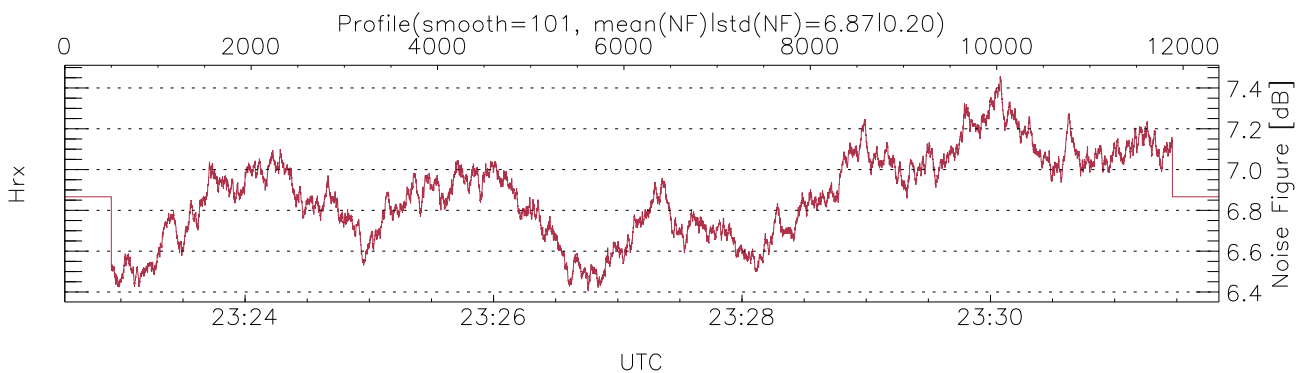
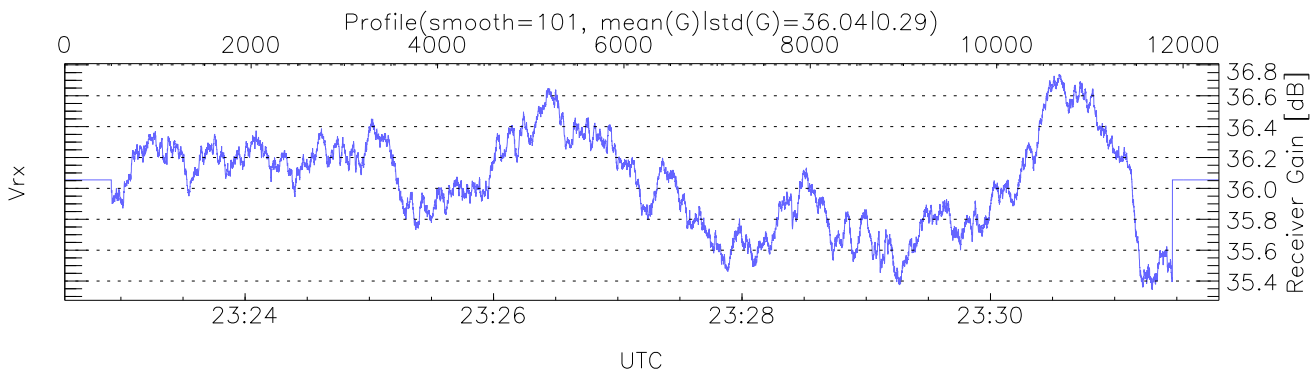
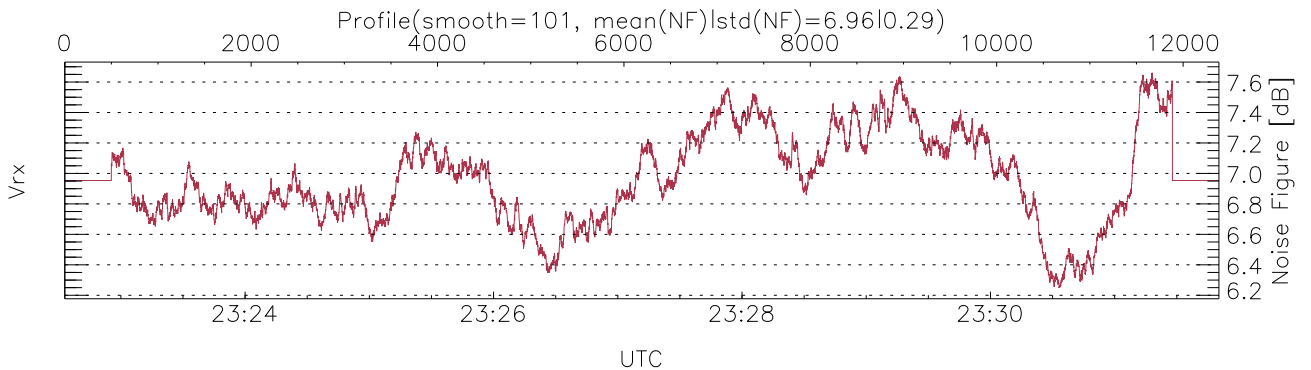
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 23:22:33-23:31:50, TimeCor: 0.00s, Dur: 557.46s  
 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): 12386/12386, 0-12385/23:22:33-23:31:50  
 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



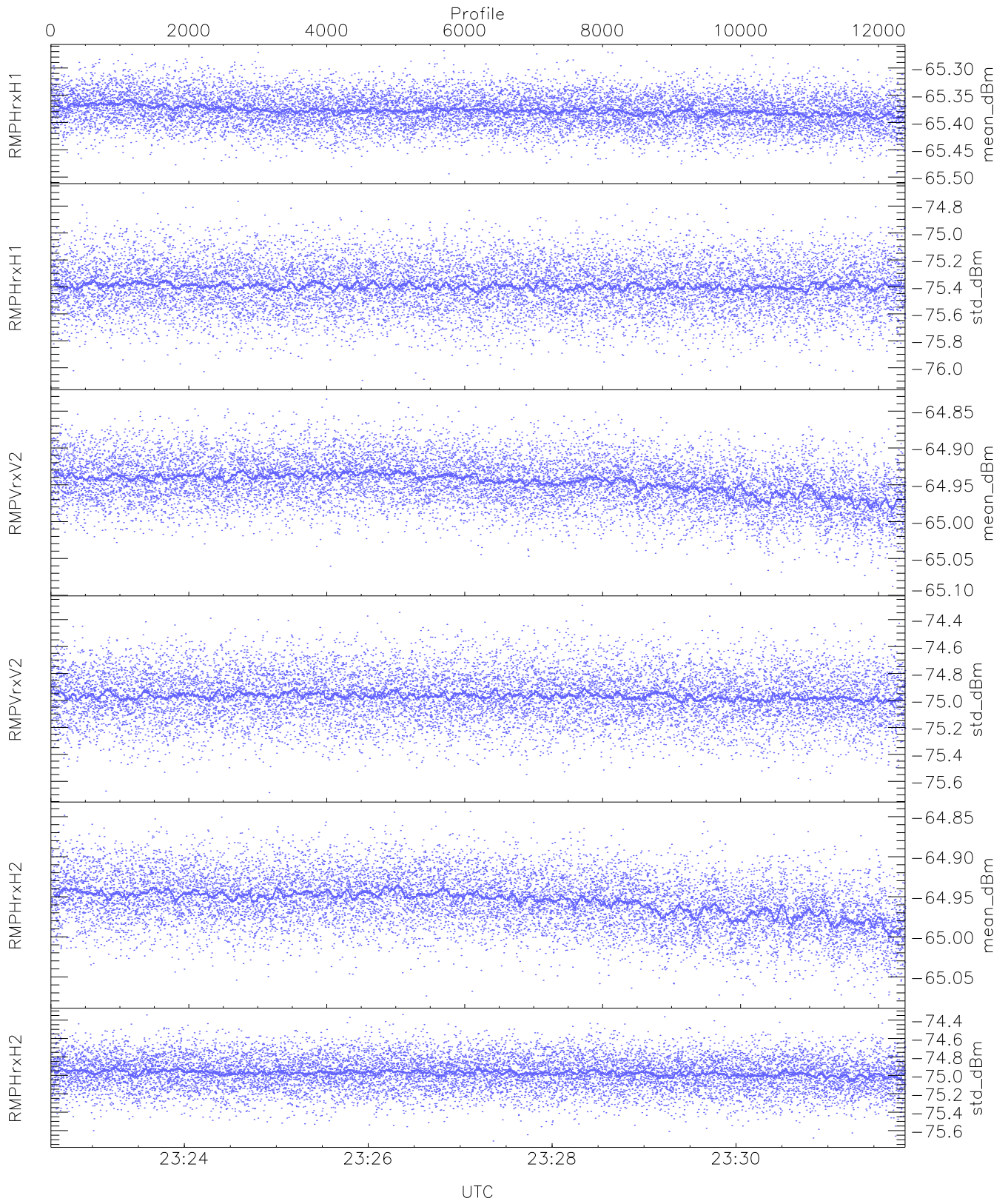
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

```
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,21,23,22,24
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,22,24,23,25
LOalarm(20,240,2817,14861 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (46,46,46,46,46,46)
```



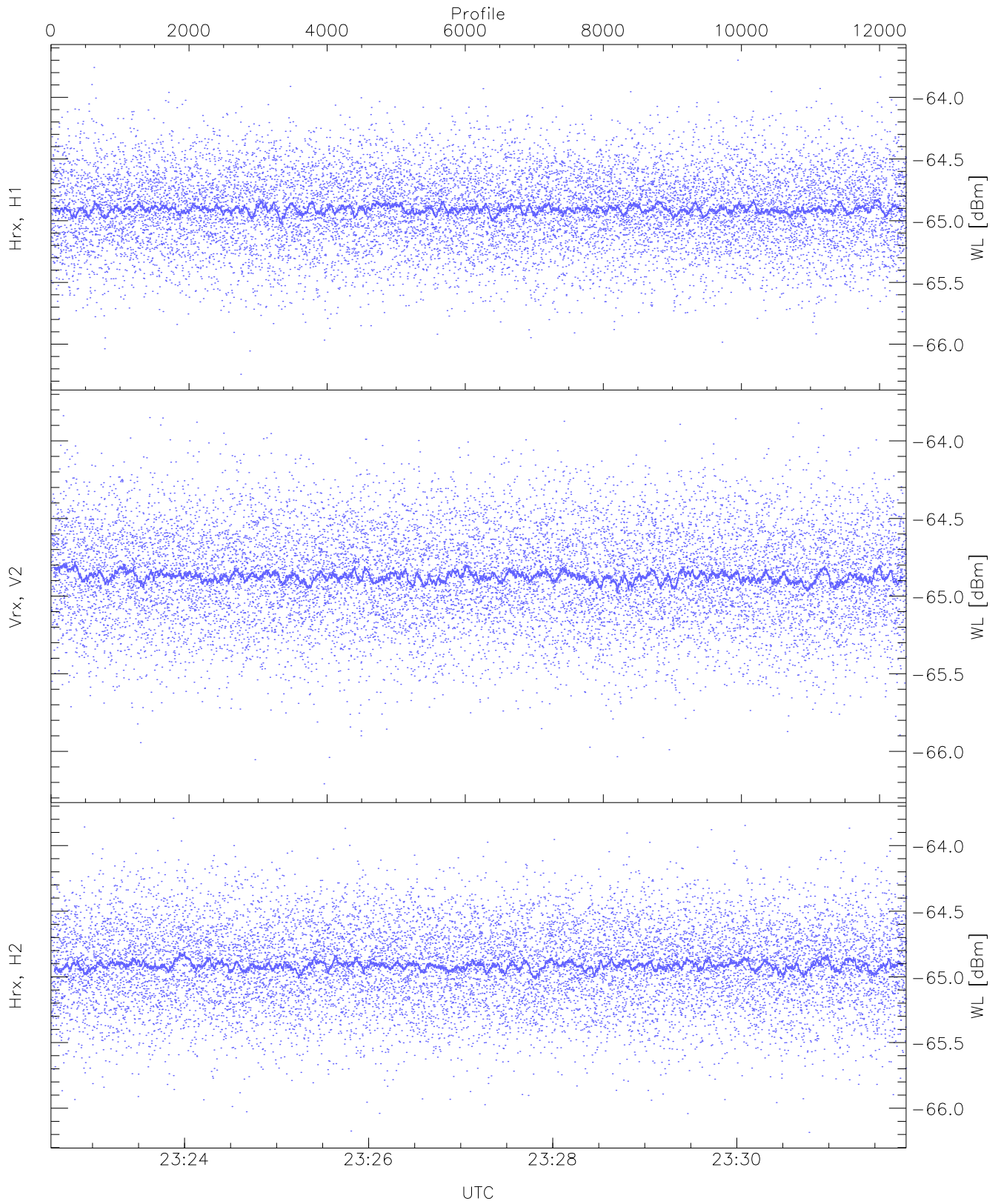
### WCR3 CPP Receivers Gain and Noise Figure

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



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

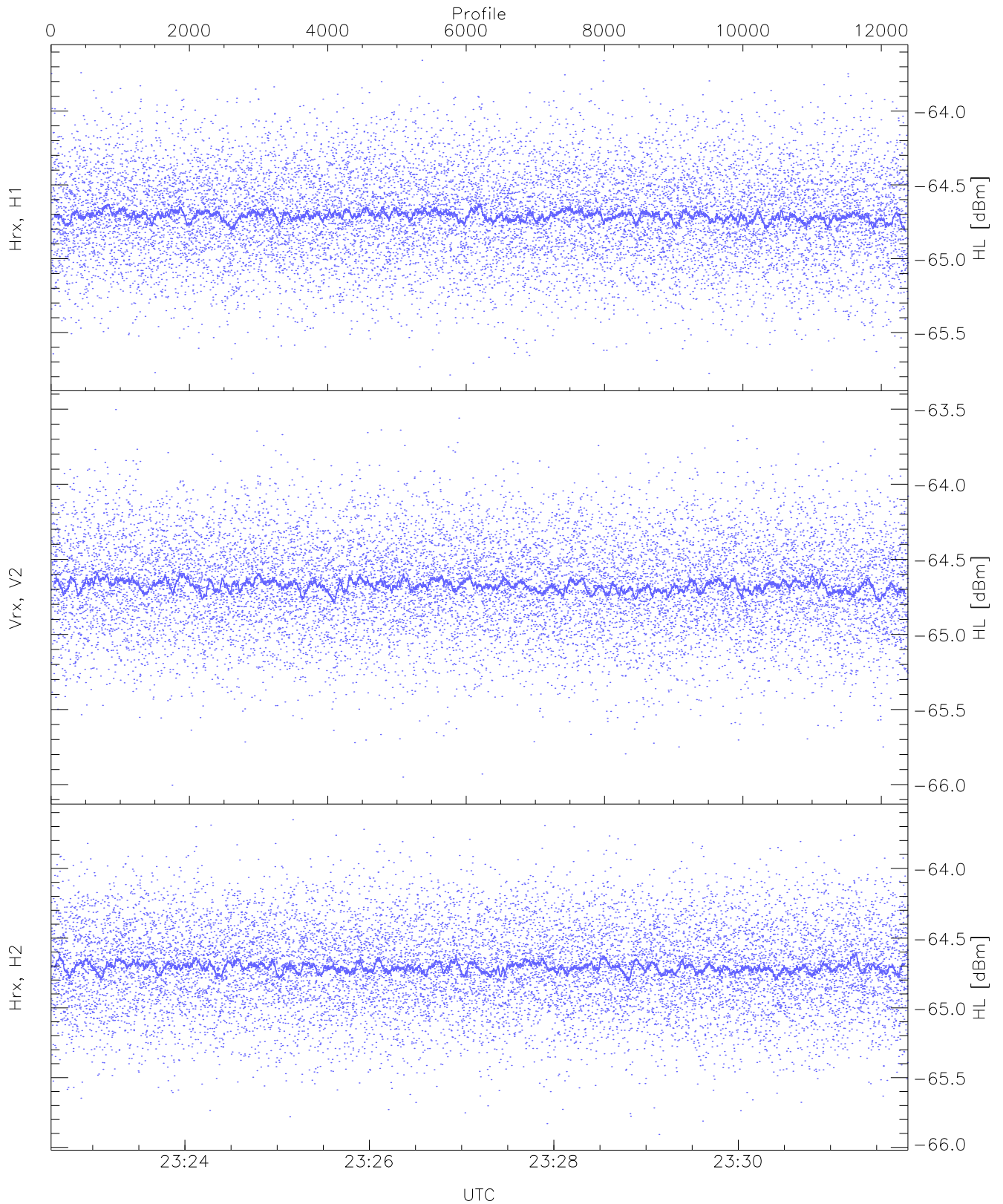
	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.50	-65.27	-65.38	-65.38	-86.91
RMPHrxH1 (std_dBm)	-76.09	-74.70	-75.39	-75.39	-89.18
RMPVrxV2 (mean_dBm)	-65.09	-64.83	-64.95	-64.95	-86.18
RMPVrxV2 (std_dBm)	-75.68	-74.29	-74.97	-74.97	-88.74
RMPHrxH2 (mean_dBm)	-65.08	-64.84	-64.96	-64.96	-86.15
RMPHrxH2 (std_dBm)	-75.71	-74.34	-74.97	-74.97	-88.75



WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

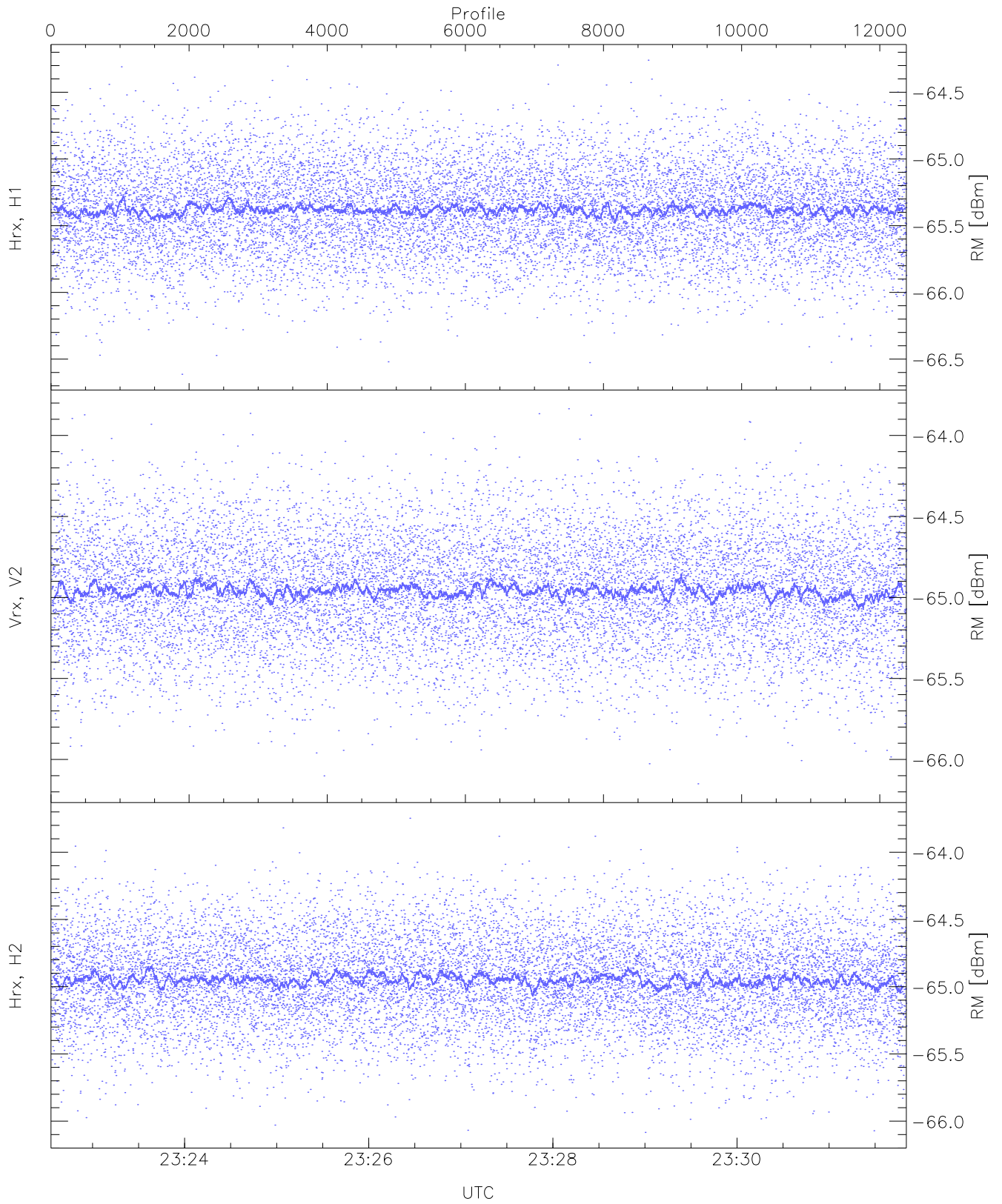
	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.24	-63.70	-64.90	-64.90	-76.41
Vrx, V2 (WL [dBm])	-66.21	-63.79	-64.87	-64.88	-76.43
Hrx, H2 (WL [dBm])	-66.18	-63.79	-64.91	-64.91	-76.42





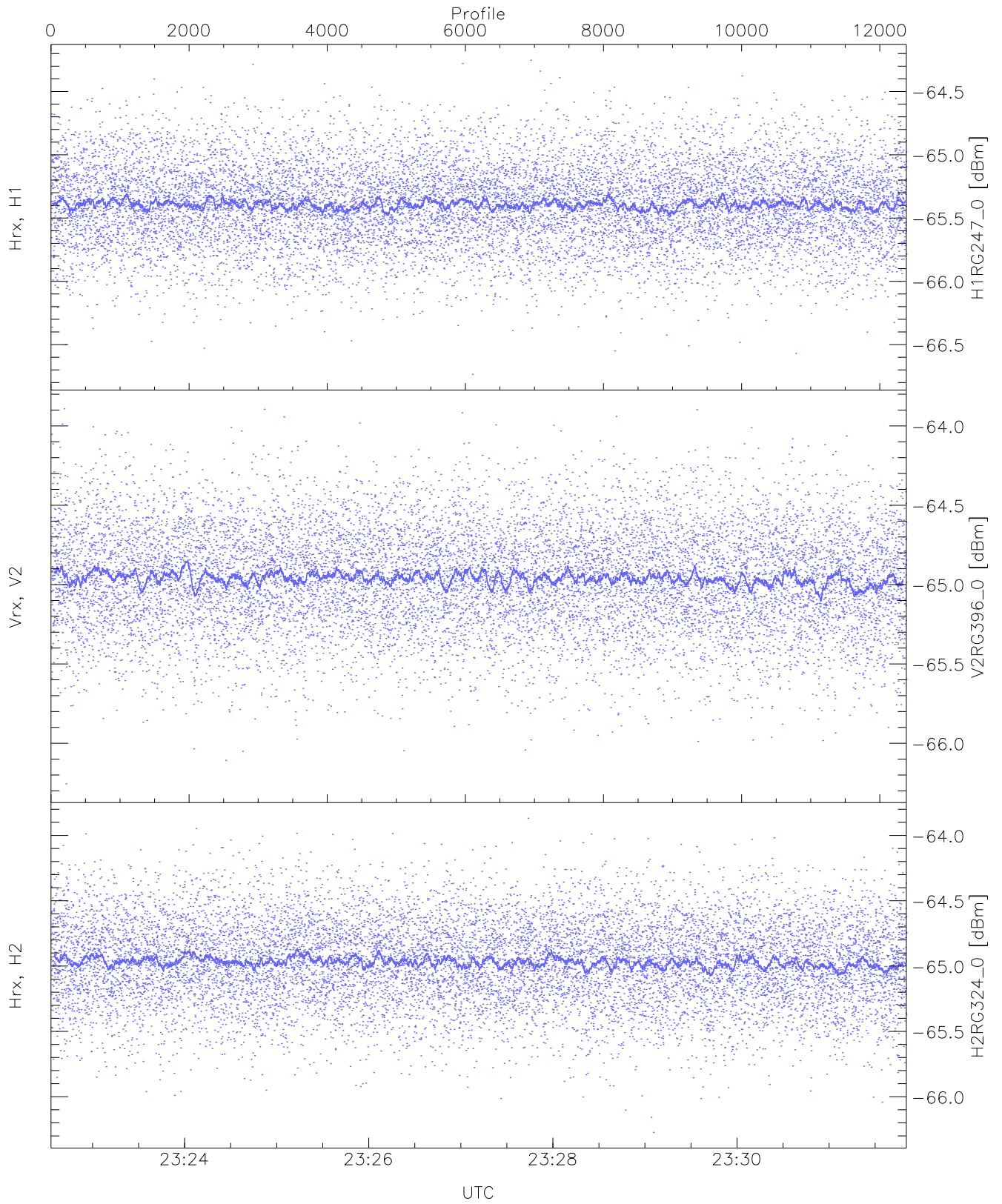
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.79	-63.66	-64.70	-64.71	-76.27
Vrx, V2 (HL [dBm])	-66.00	-63.50	-64.67	-64.68	-76.17
Hrx, H2 (HL [dBm])	-65.91	-63.65	-64.70	-64.71	-76.24



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

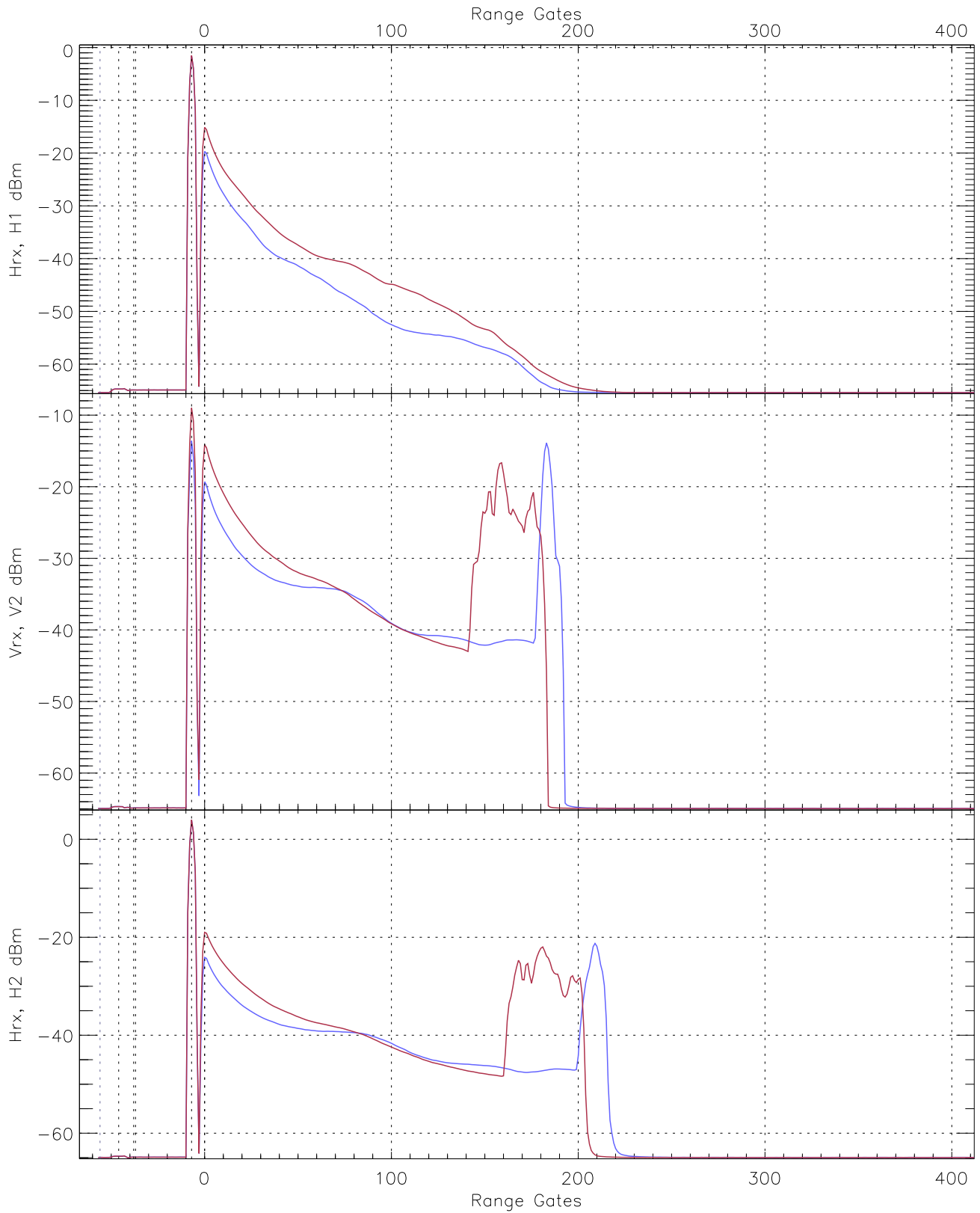
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.61	-64.26	-65.37	-65.38	-76.89
Vrx, V2 (RM [dBm])	-66.15	-63.84	-64.95	-64.96	-76.42
Hrx, H2 (RM [dBm])	-66.08	-63.75	-64.94	-64.95	-76.43



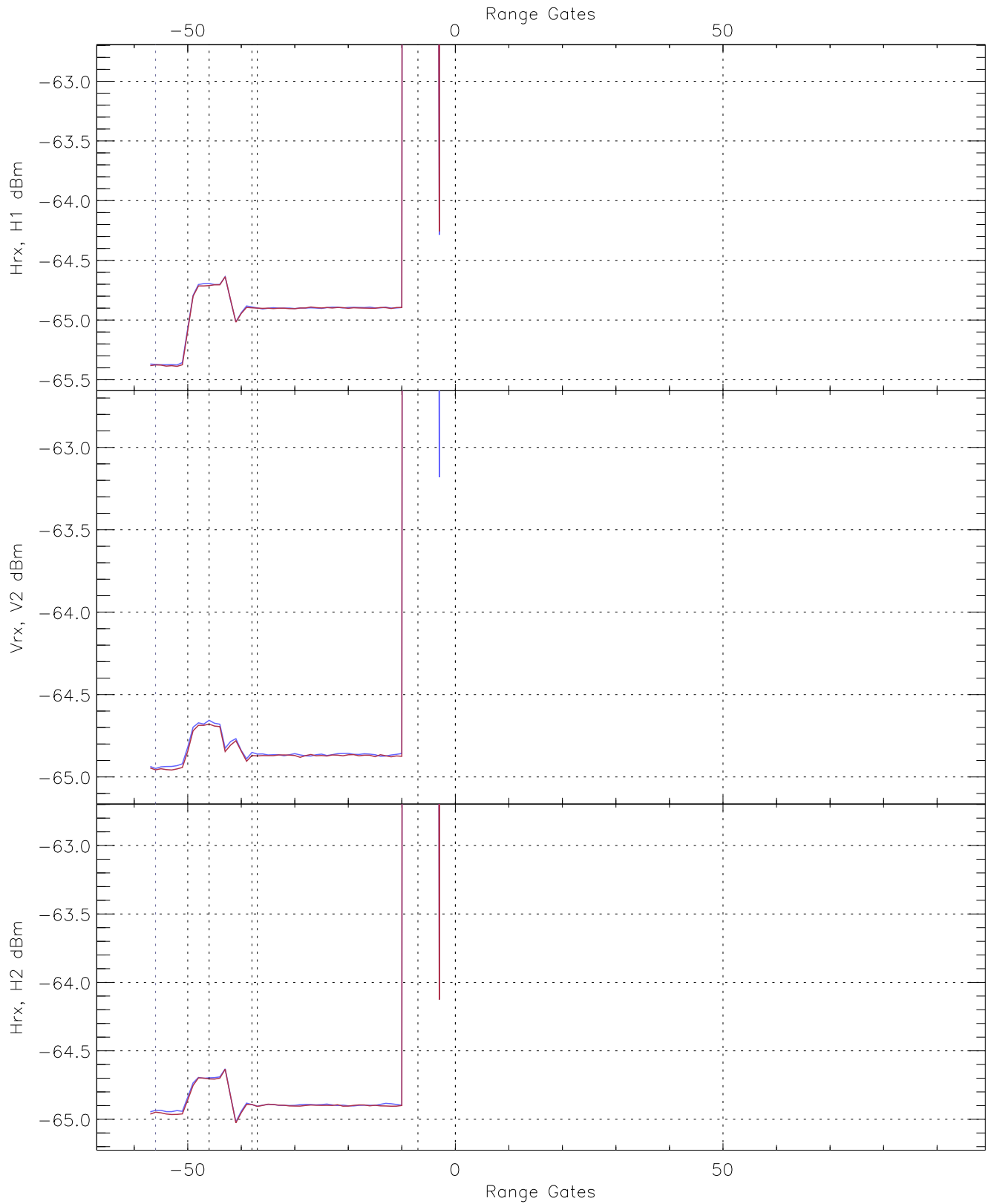
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG247_0 [dBm]	-66.73	-64.25	-65.39	-65.39	-76.85
V2RG396_0 [dBm]	-66.26	-63.89	-64.95	-64.96	-76.45
H2RG324_0 [dBm]	-66.27	-63.87	-64.96	-64.97	-76.46

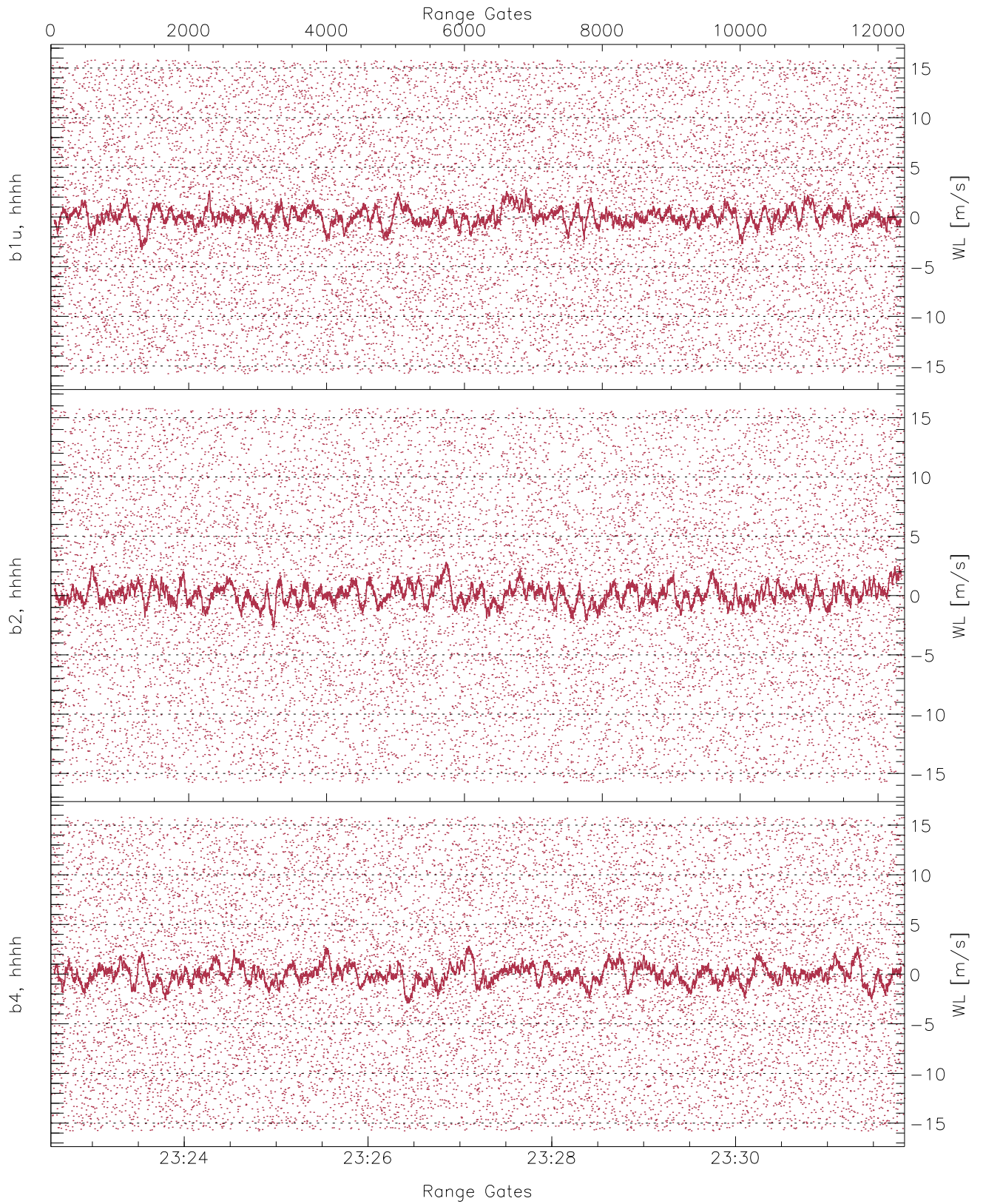




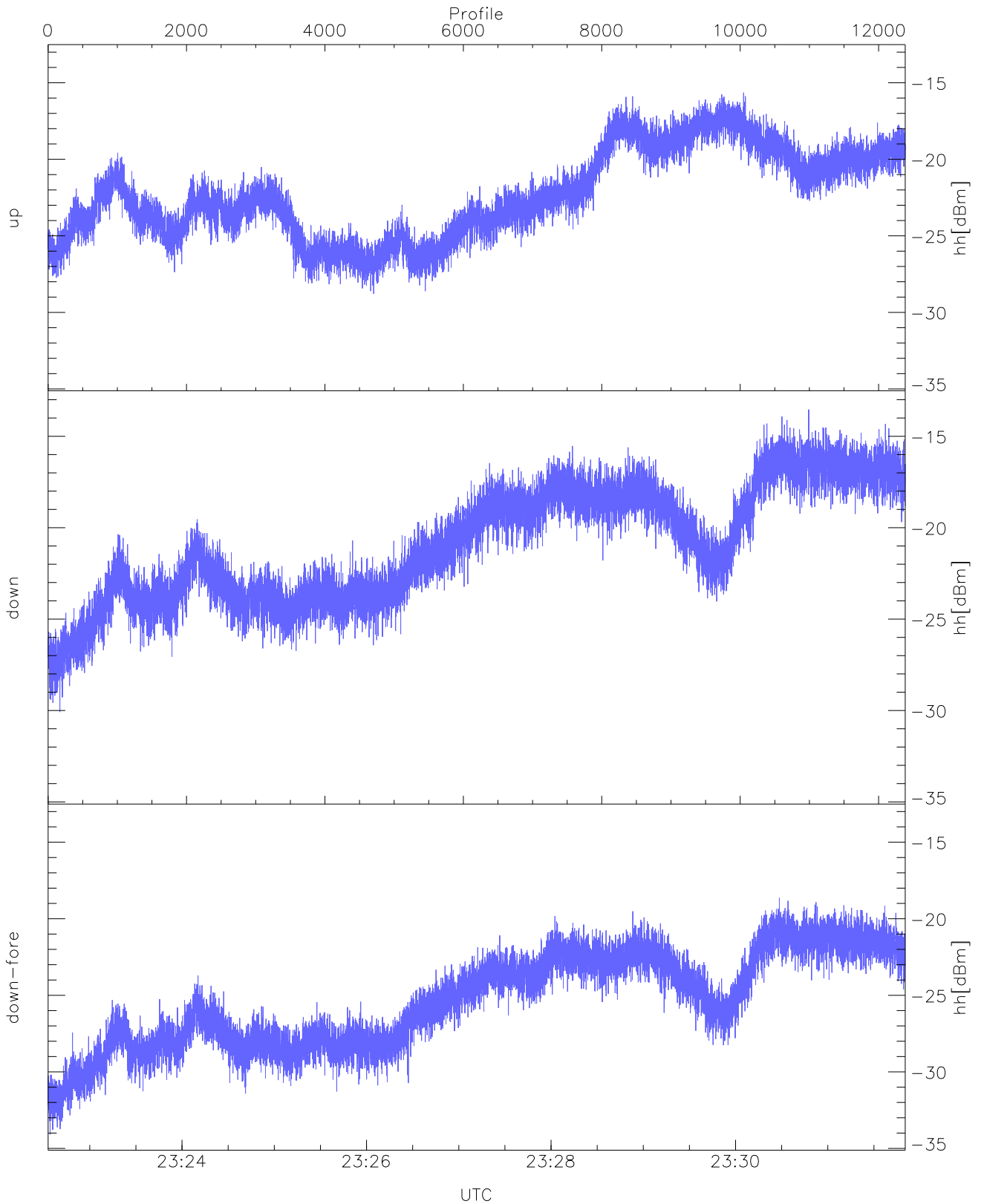
WCR3 CPP Averaged Received power for all recorded gates  
blue: 232233-232712, 6194 profiles averaged  
red: 232712-233150, 6193 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 232233-232712, 6194 profiles averaged  
red: 232712-233150, 6193 profiles averaged

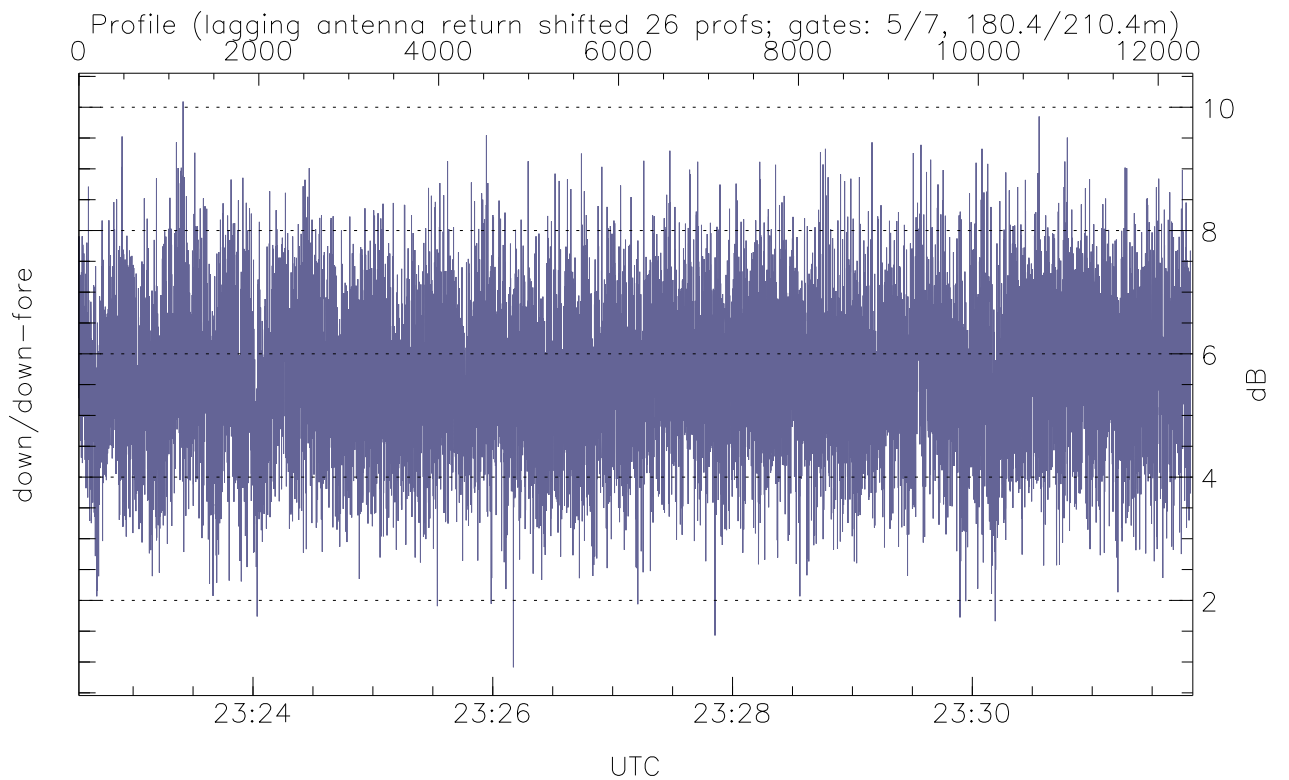
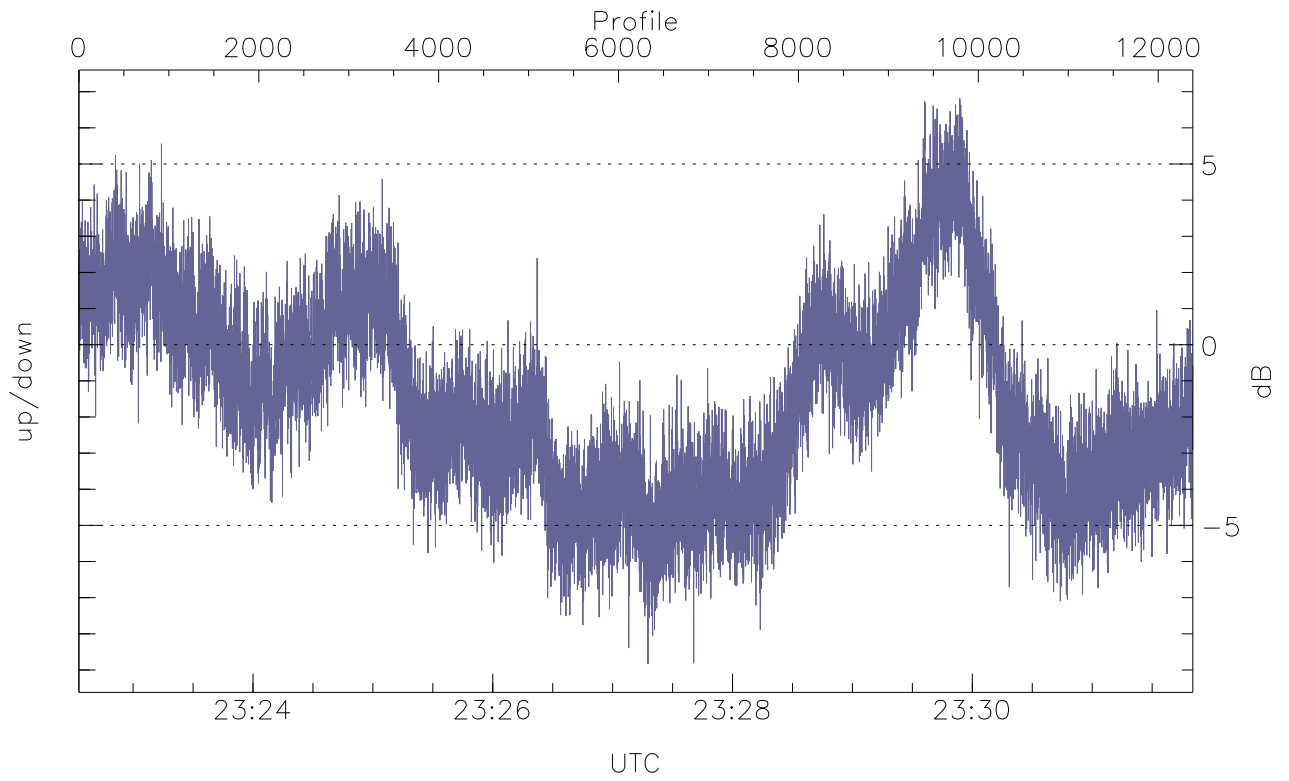


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

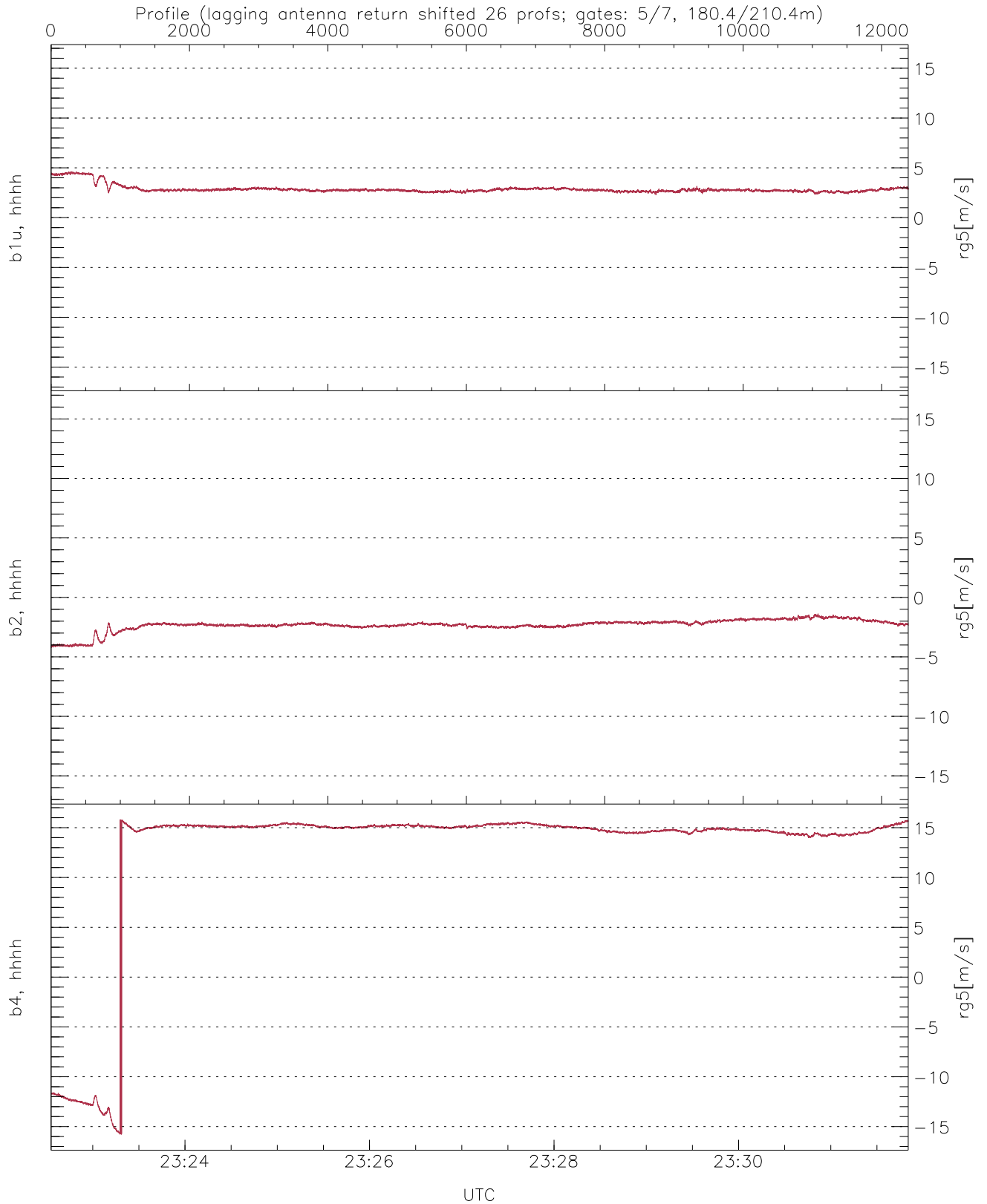
	Min	Max	Mean
up(hh[dBm])	-28.78	-15.64	-21.35
down(hh[dBm])	-30.08	-13.53	-19.83
down-fore(hh[dBm])	-34.09	-18.64	-24.29



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

	Min	Max	Mean
up/down (dB)	-8.84	6.82	-1.41
down/down-fore (dB)	0.91	10.09	5.64





WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	2.26	4.64	2.86	0.40
b2, hhhh(rg5[m/s])	-4.25	-1.38	-2.32	0.49
b4, hhhh(rg5[m/s])	-15.78	15.79	12.68	7.64