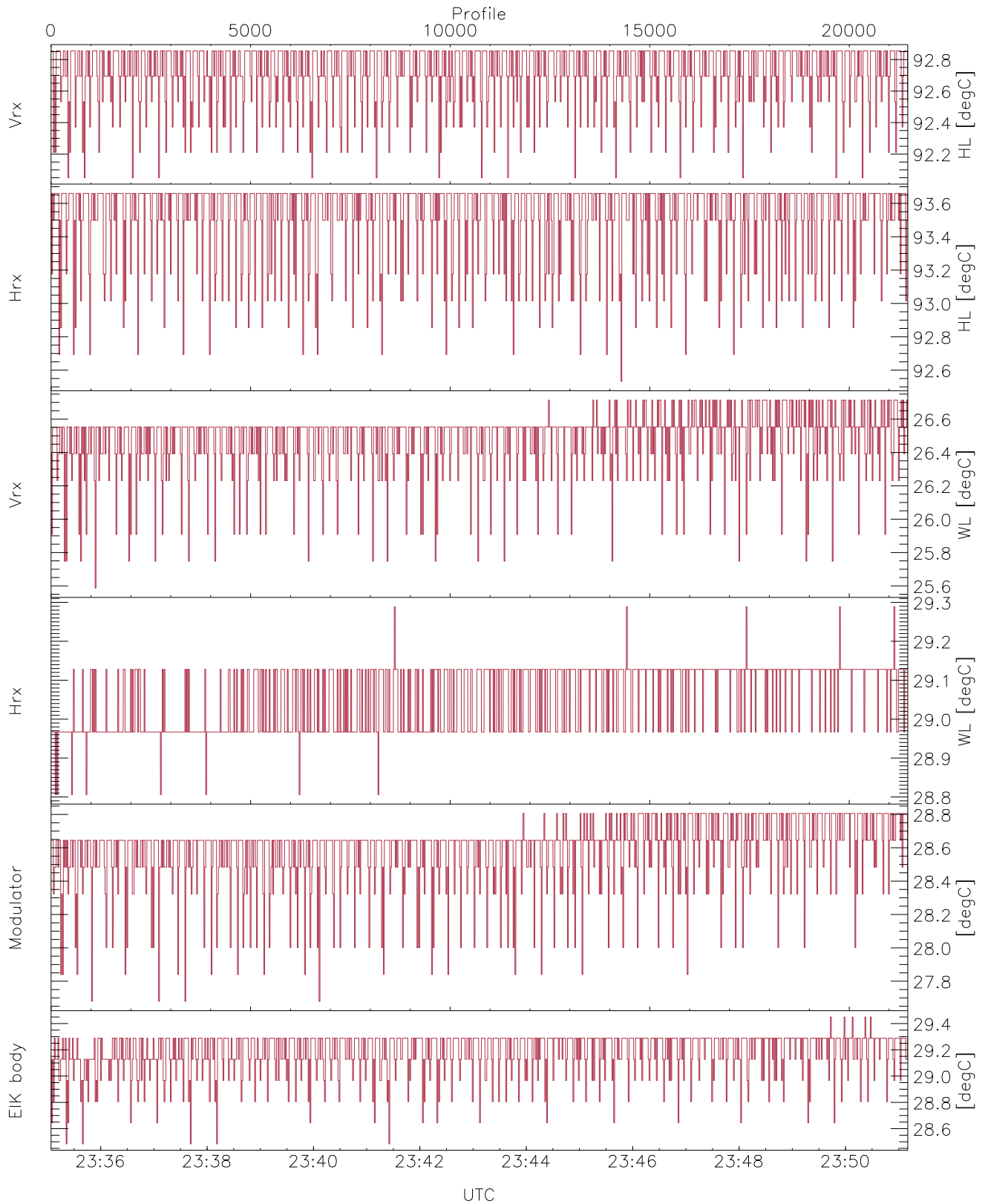


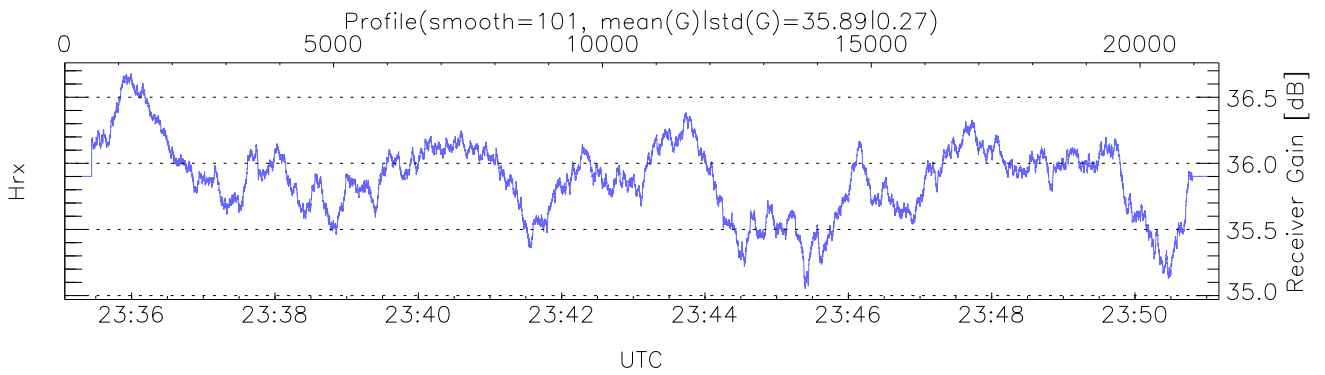
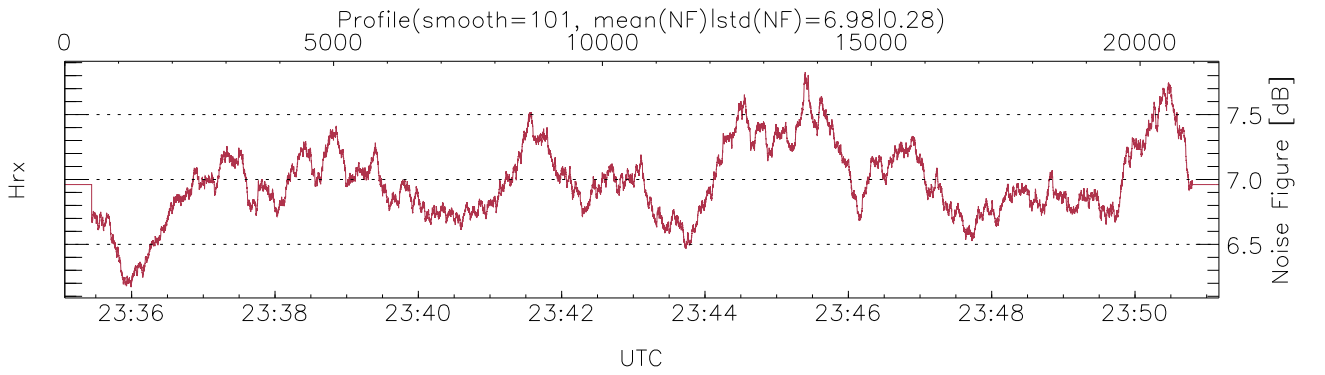
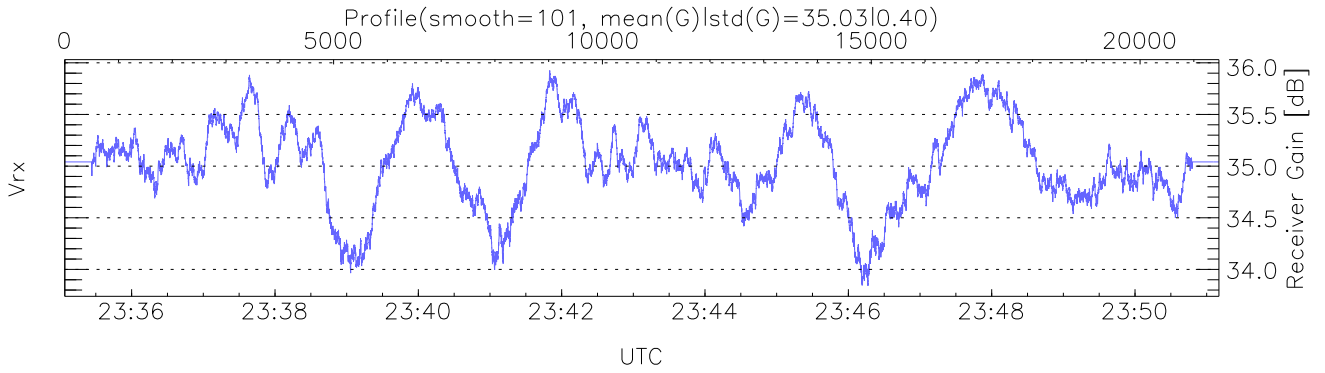
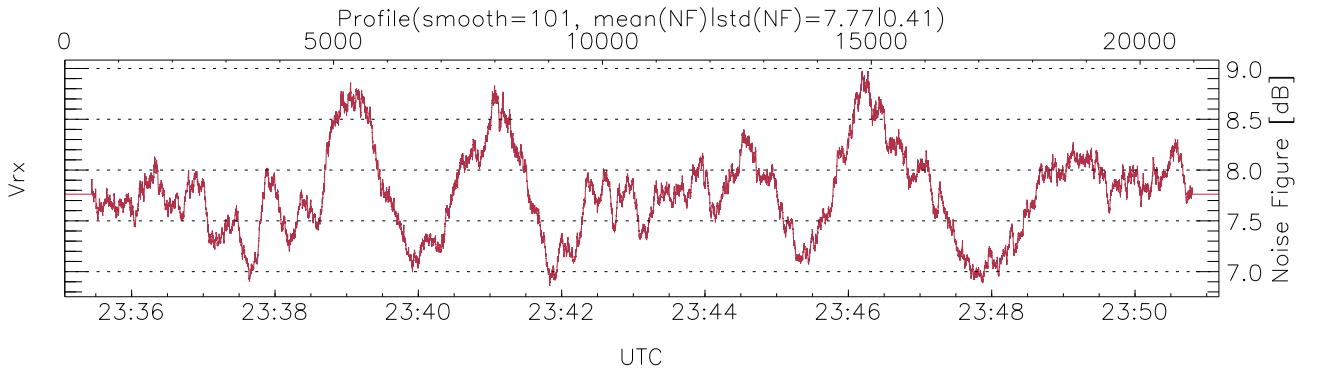
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 23:35:04-23:51:10, TimeCor: 0.00s, Dur: 966.26s  
 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): 21468/21468, 0-21467/23:35:04-23:51:10  
 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



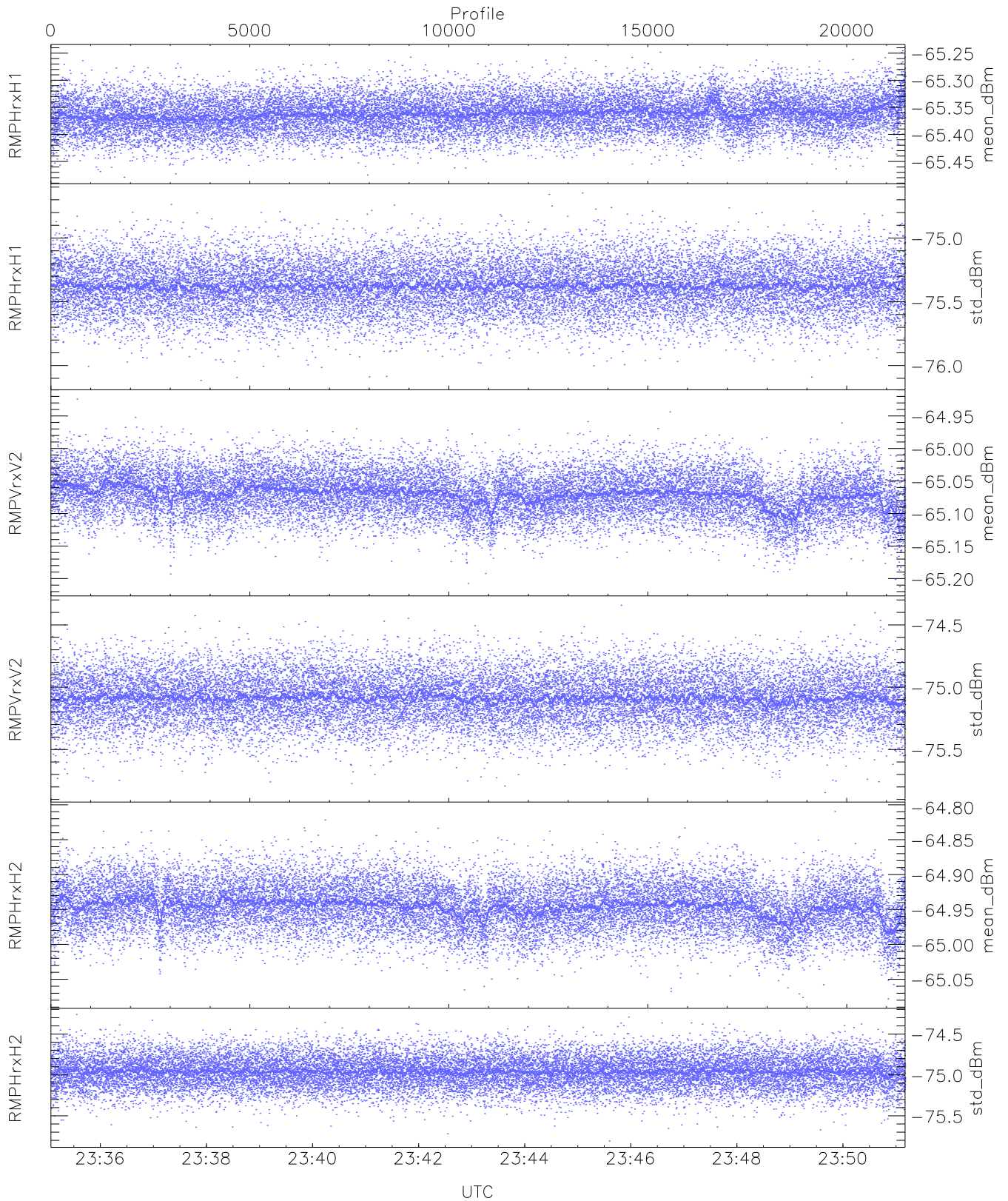
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,92,25,28,27,28  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,26,29,28,29  
LOalarm(20,240,2817,14861 MHz): None  
EIK Faults(# prof affected):  
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (68,68,68,68,68,68)



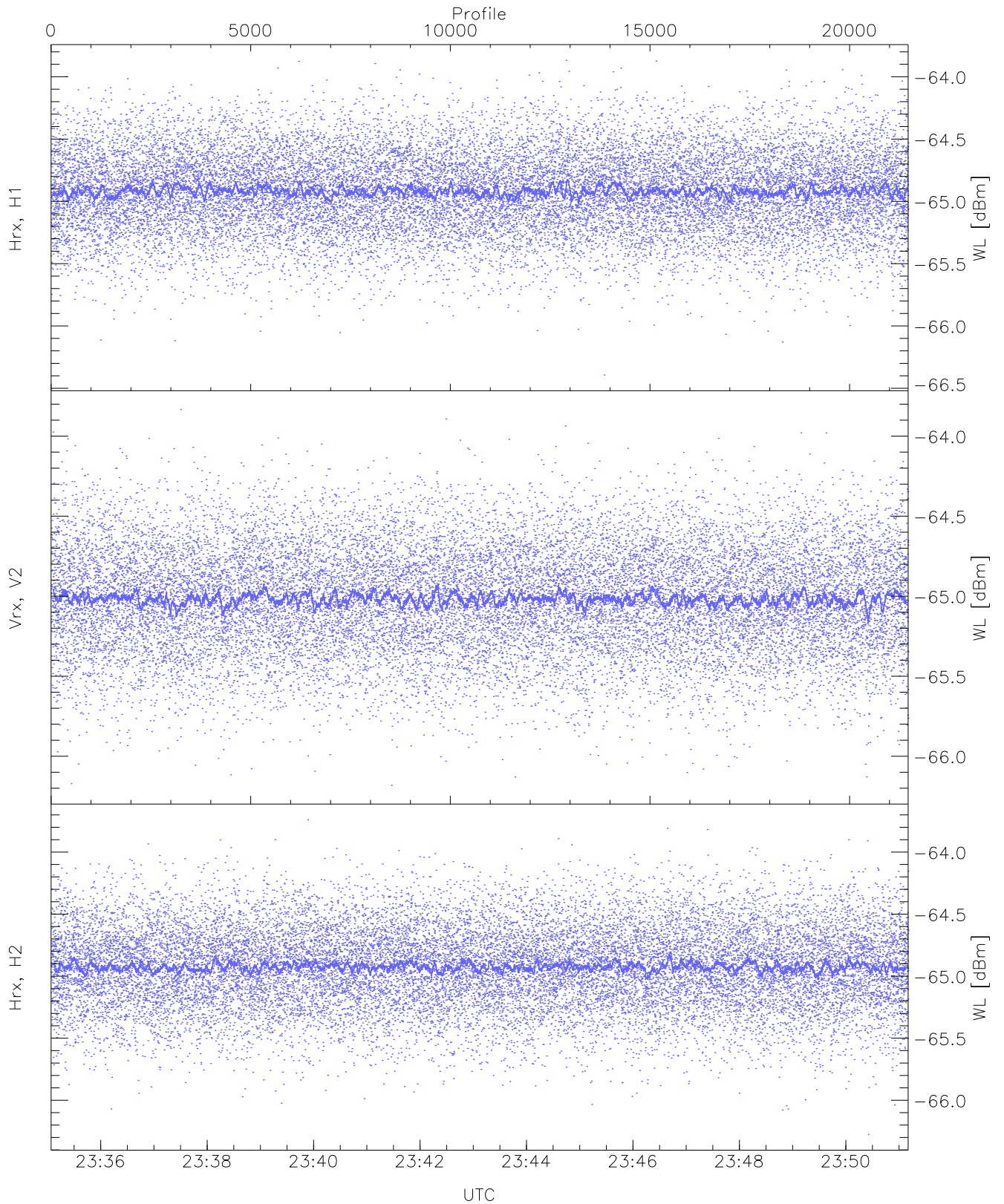
### WCR3 CPP Receivers Gain and Noise Figure

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



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

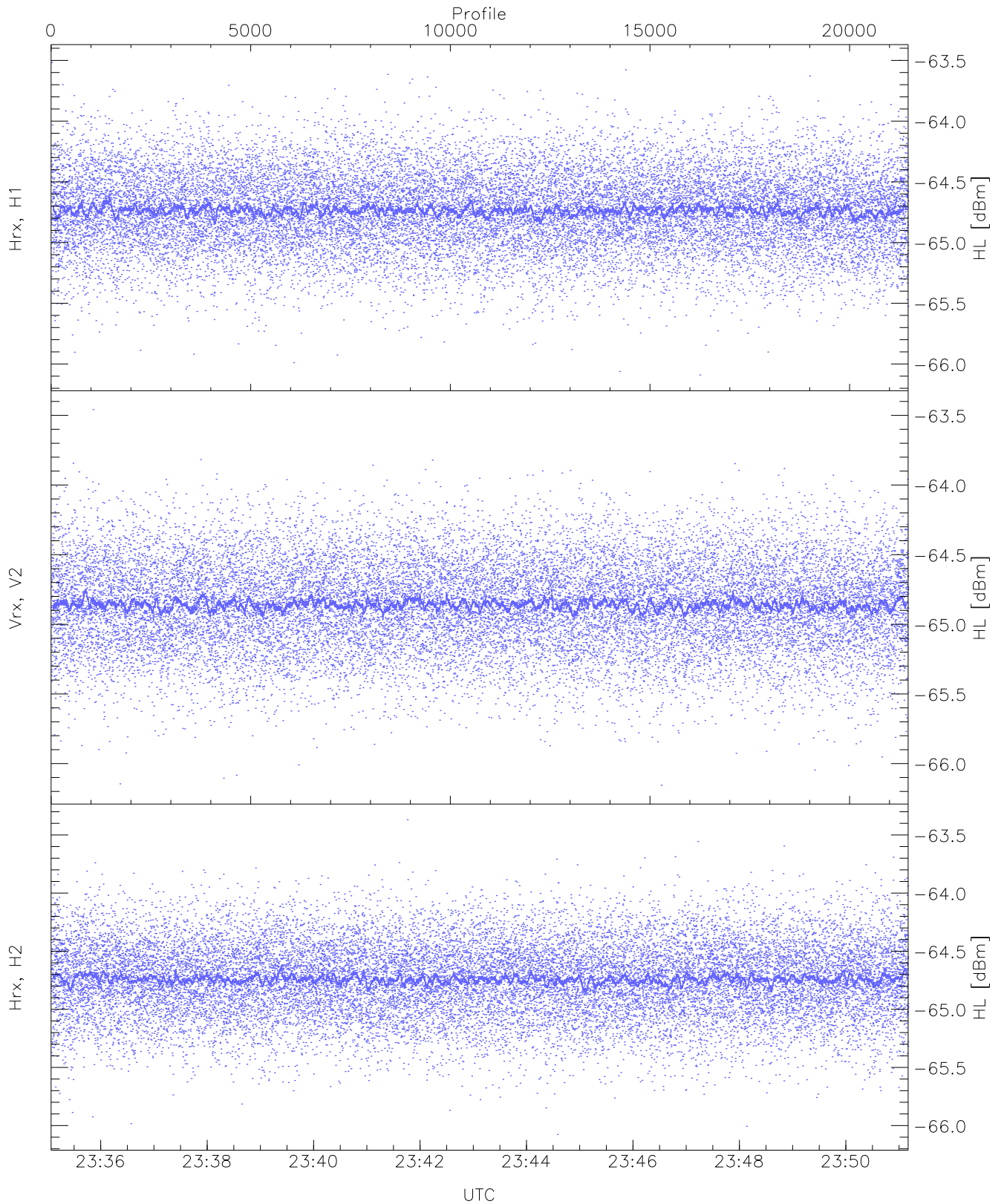
	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.48	-65.25	-65.36	-65.36	-86.89
RMPHrxH1 (std_dBm)	-76.12	-74.65	-75.38	-75.38	-89.16
RMPVrxV2 (mean_dBm)	-65.21	-64.92	-65.07	-65.07	-86.37
RMPVrxV2 (std_dBm)	-75.85	-74.34	-75.09	-75.09	-88.85
RMPHrxH2 (mean_dBm)	-65.08	-64.81	-64.95	-64.95	-86.34
RMPHrxH2 (std_dBm)	-75.81	-74.26	-74.96	-74.96	-88.77



WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

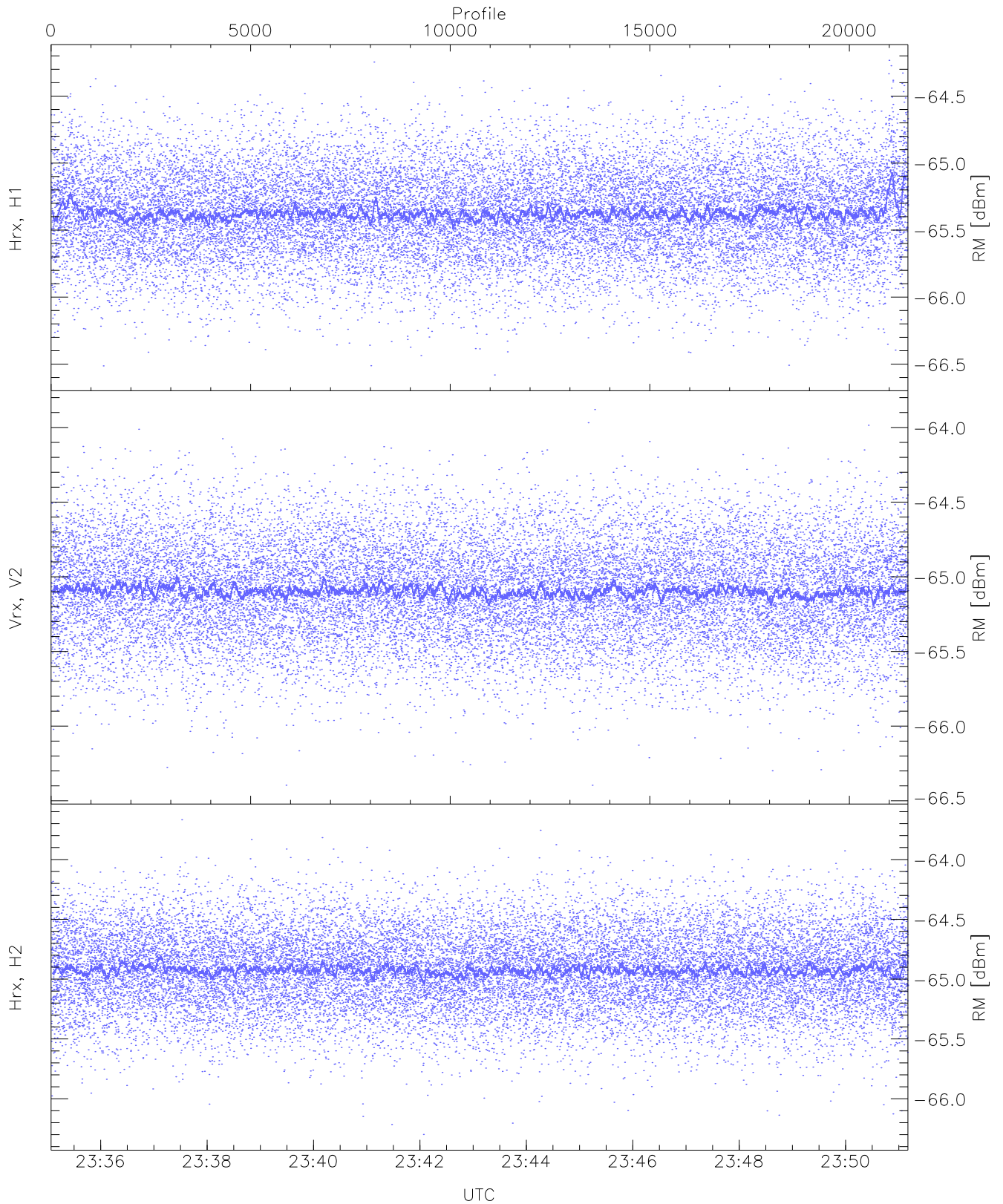
	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.39	-63.87	-64.91	-64.92	-76.46
Vrx, V2 (WL [dBm])	-66.18	-63.83	-65.01	-65.02	-76.49
Hrx, H2 (WL [dBm])	-66.28	-63.74	-64.92	-64.92	-76.40





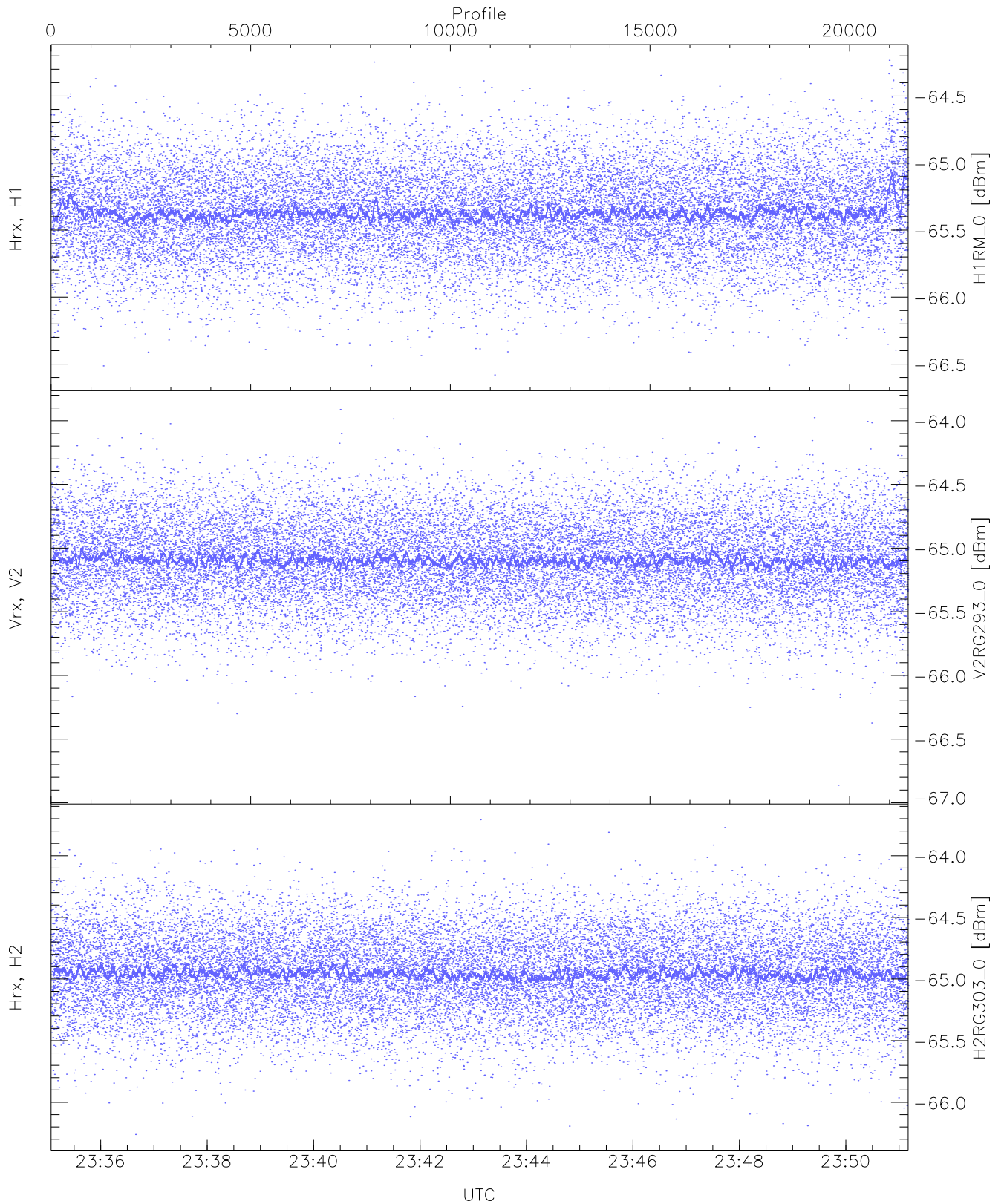
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.09	-63.50	-64.73	-64.74	-76.24
Vrx, V2 (HL [dBm])	-66.16	-63.46	-64.85	-64.86	-76.35
Hrx, H2 (HL [dBm])	-66.08	-63.37	-64.73	-64.74	-76.24



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

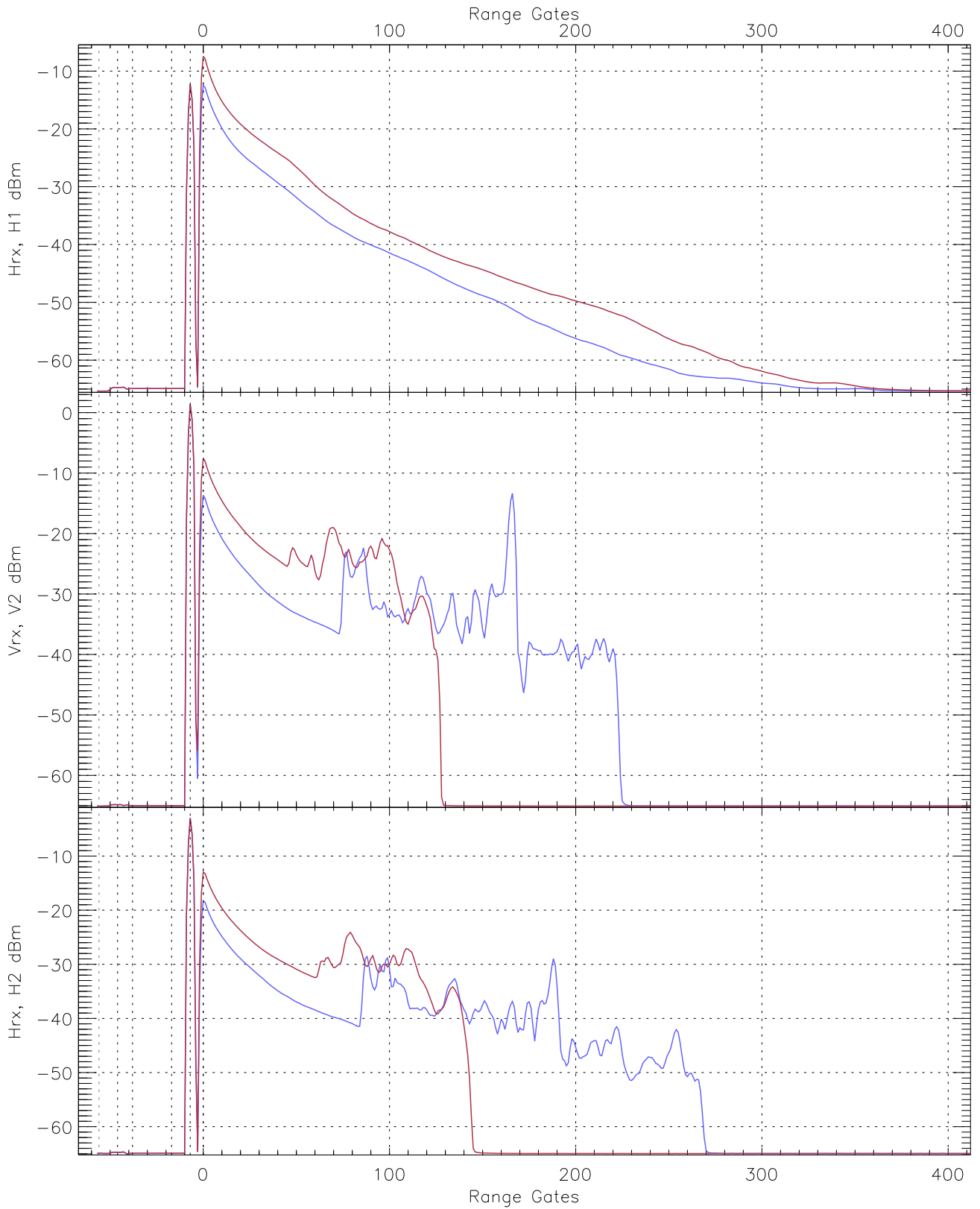
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.58	-64.23	-65.37	-65.38	-76.87
Vrx, V2 (RM [dBm])	-66.40	-63.88	-65.09	-65.10	-76.60
Hrx, H2 (RM [dBm])	-66.30	-63.67	-64.92	-64.93	-76.40



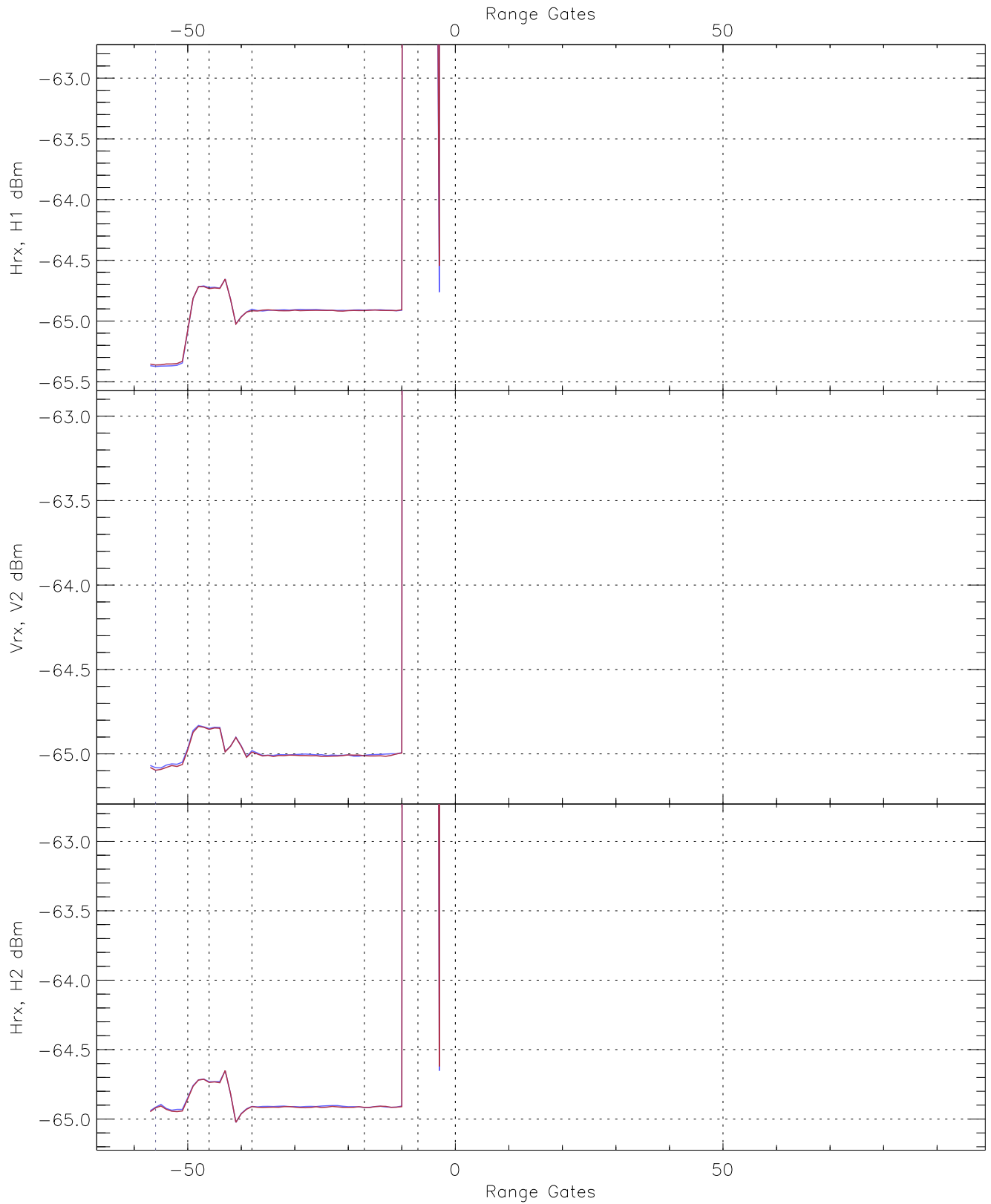
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-66.58	-64.23	-65.37	-65.38	-76.87
V2RG293_0 [dBm]	-66.86	-63.91	-65.09	-65.10	-76.61
H2RG303_0 [dBm]	-66.26	-63.71	-64.95	-64.96	-76.49

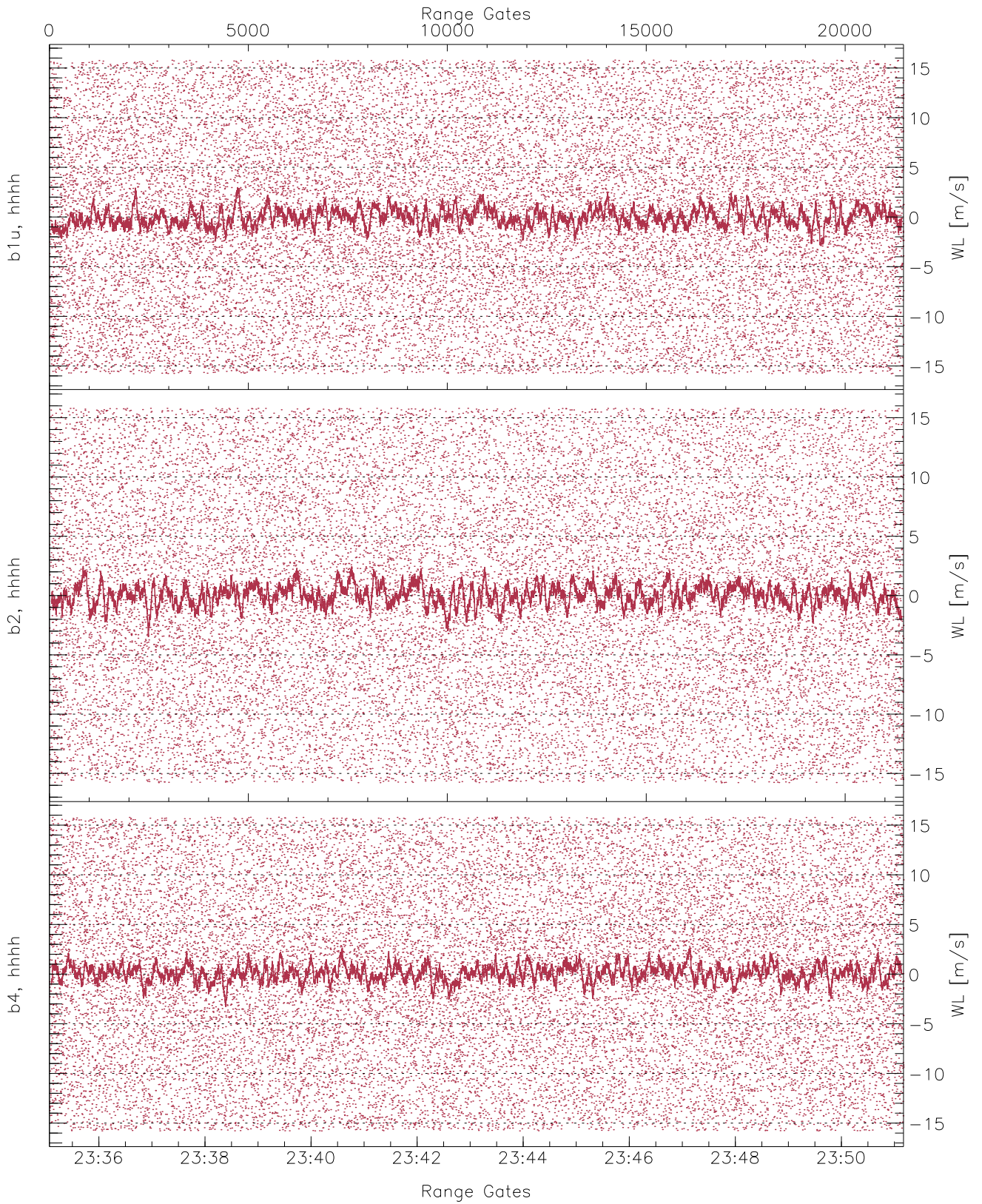




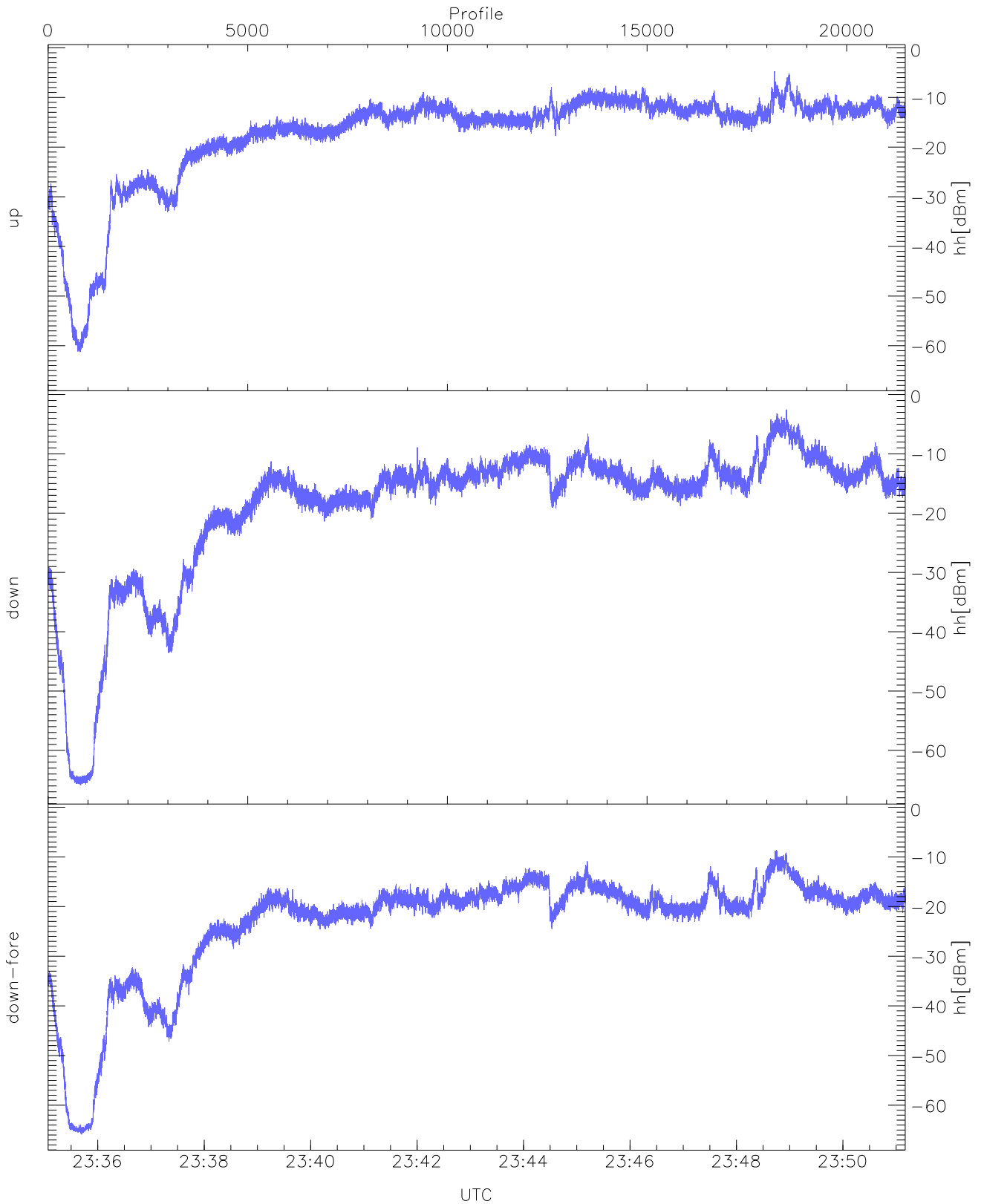
WCR3 CPP Averaged Received power for all recorded gates  
blue: 233504-234307, 10735 profiles averaged  
red: 234307-235110, 10734 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 233504-234307, 10735 profiles averaged  
red: 234307-235110, 10734 profiles averaged



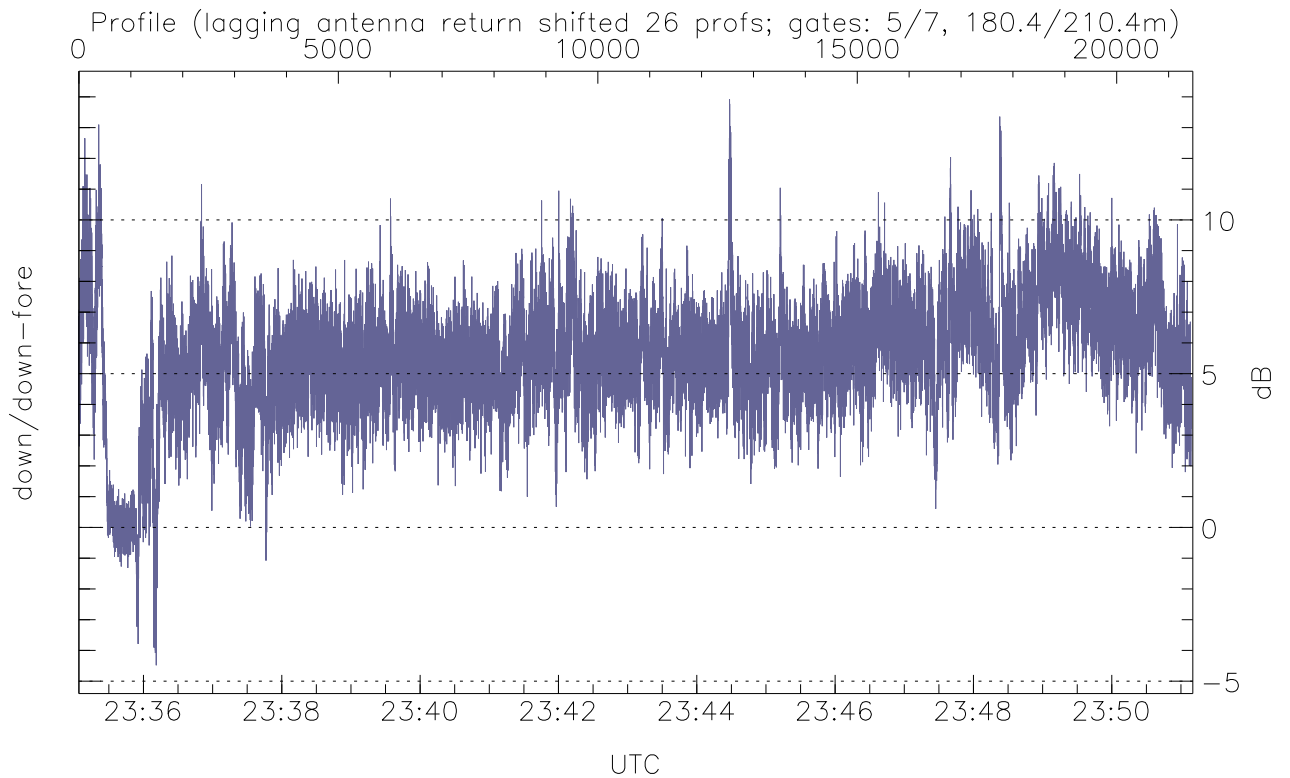
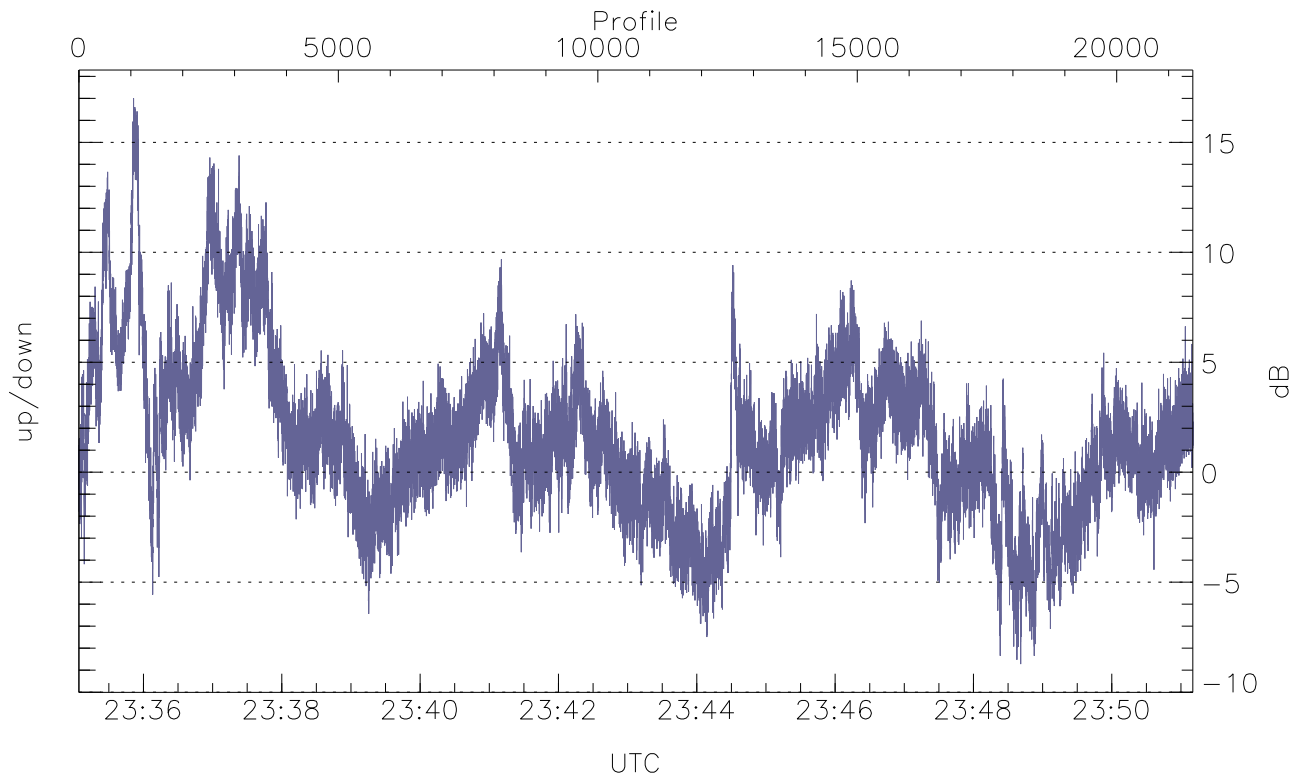
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

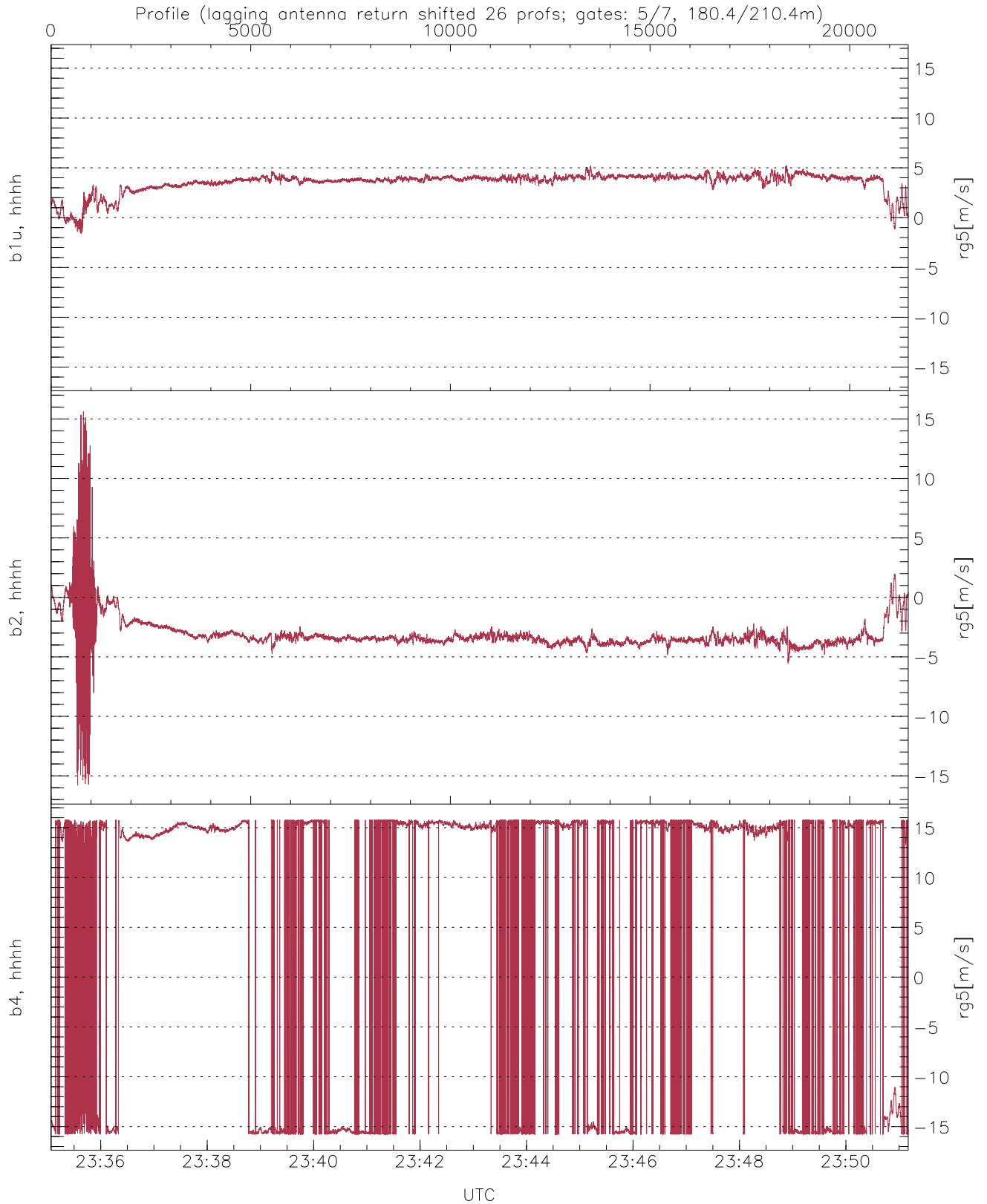
	Min	Max	Mean
up(hh[dBm])	-61.26	-4.73	-13.68
down(hh[dBm])	-65.89	-2.53	-13.64
down-fore(hh[dBm])	-65.88	-8.63	-18.54





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

	Min	Max	Mean
up/down (dB)	-8.73	17.00	1.65
down/down-fore (dB)	-4.48	13.91	5.59



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-1.60	5.25	3.54	1.02
b2, hhhh(rg5[m/s])	-15.78	15.65	-3.10	1.42
b4, hhhh(rg5[m/s])	-15.79	15.79	5.27	14.25