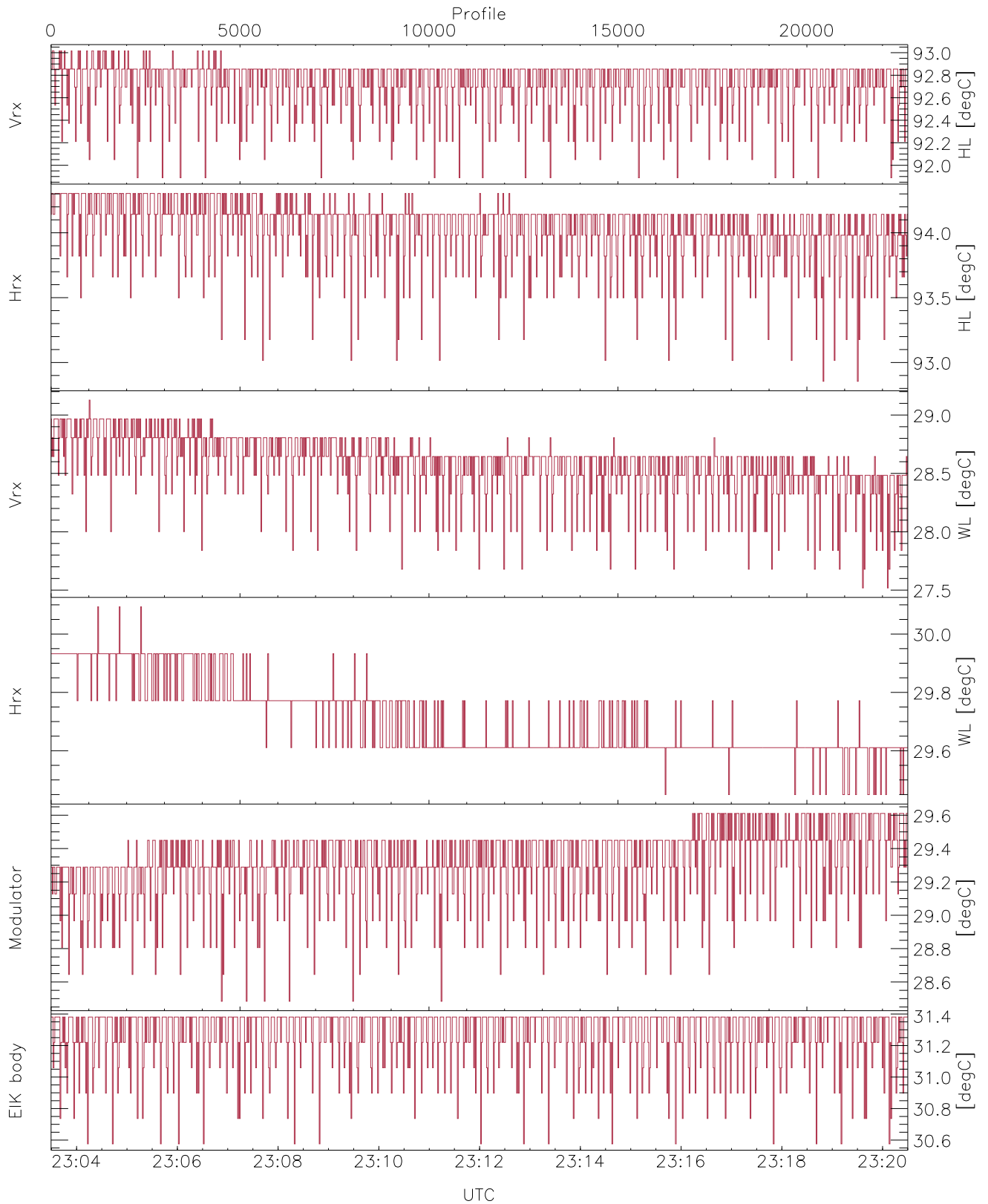


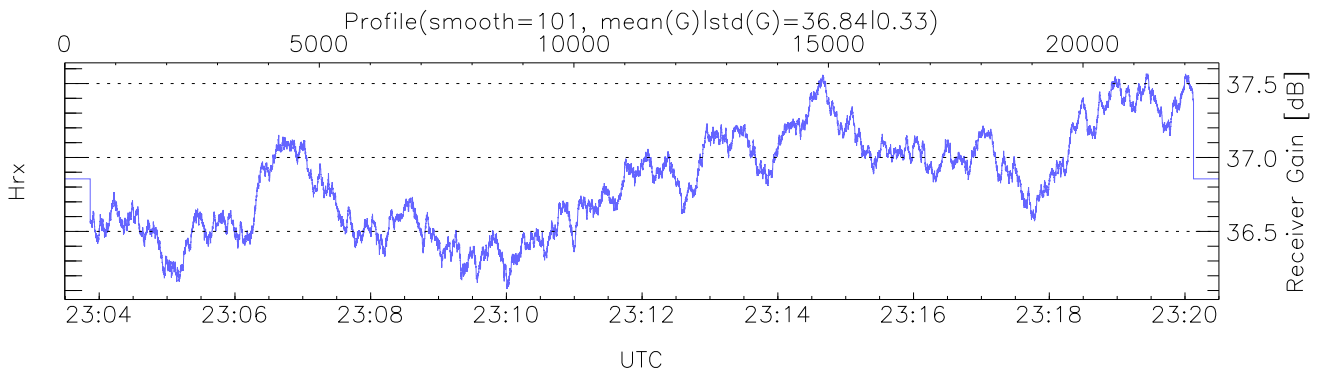
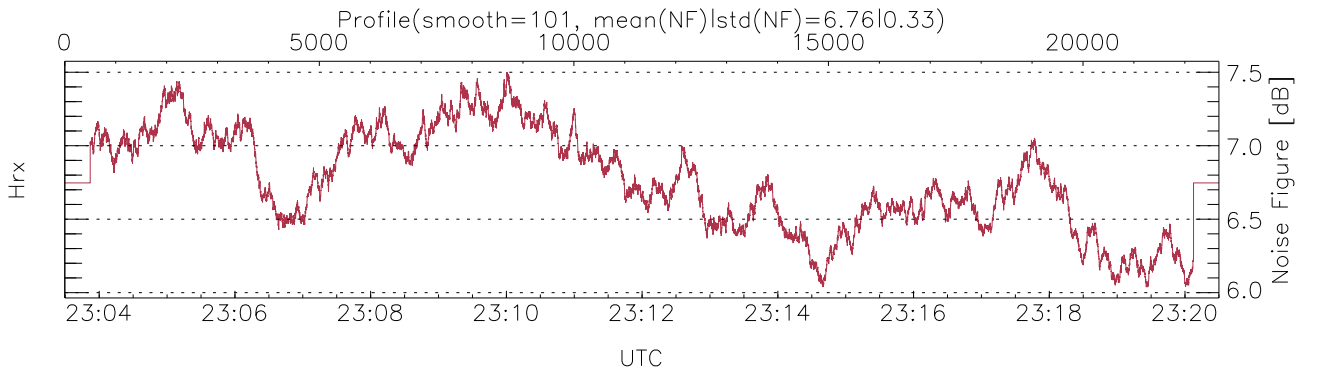
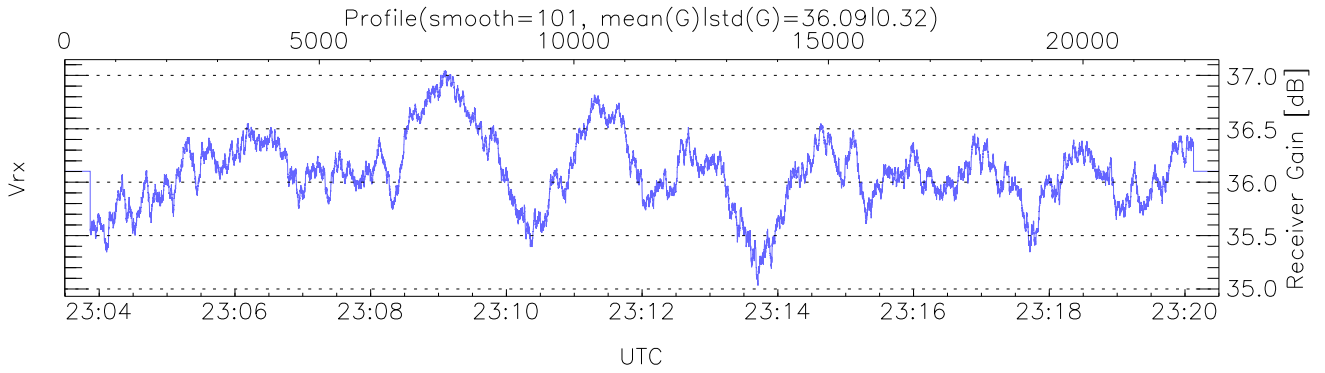
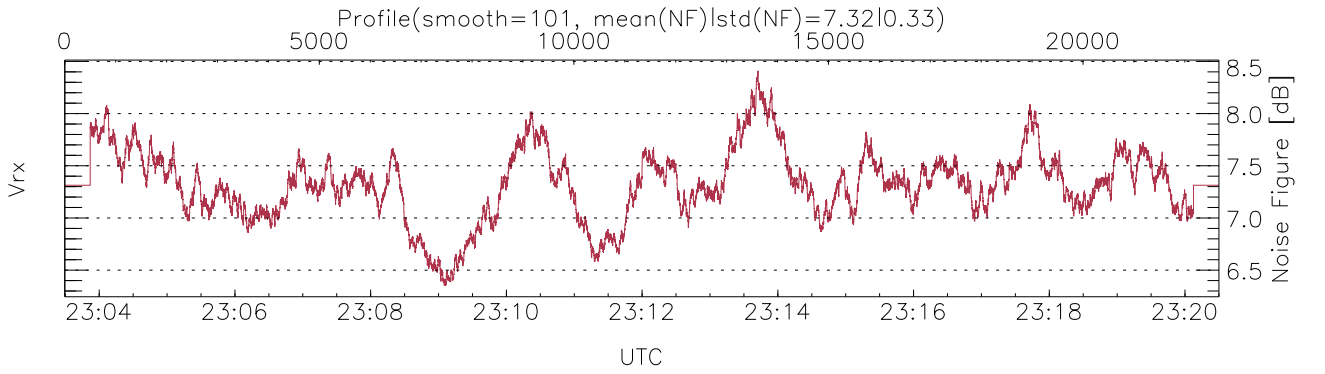
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 23:03:30-23:20:30, TimeCor: 0.00s, Dur: 1020.45s  
 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): 22672/22672, 0-22671/23:03:30-23:20:30  
 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



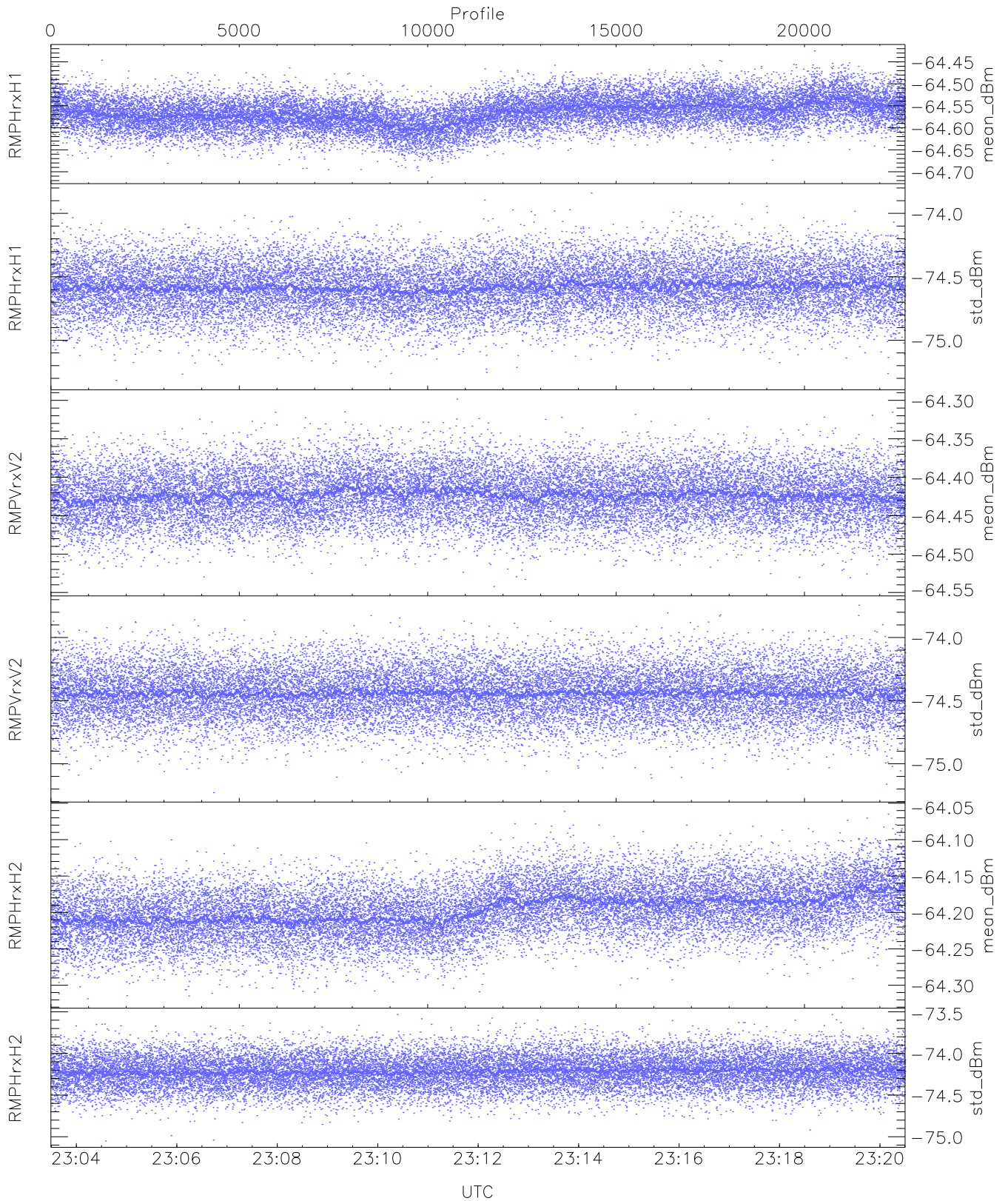
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,27,29,28,30`  
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,29,30,29,31`  
`LOalarm(20,240,2817,14861 MHz): 0,0,116,0`  
`EIK Faults(# prof affected):`  
`CoilT,BodyCurr,DeckF,OverDuty,HVPS (22,22,22,22,22)`



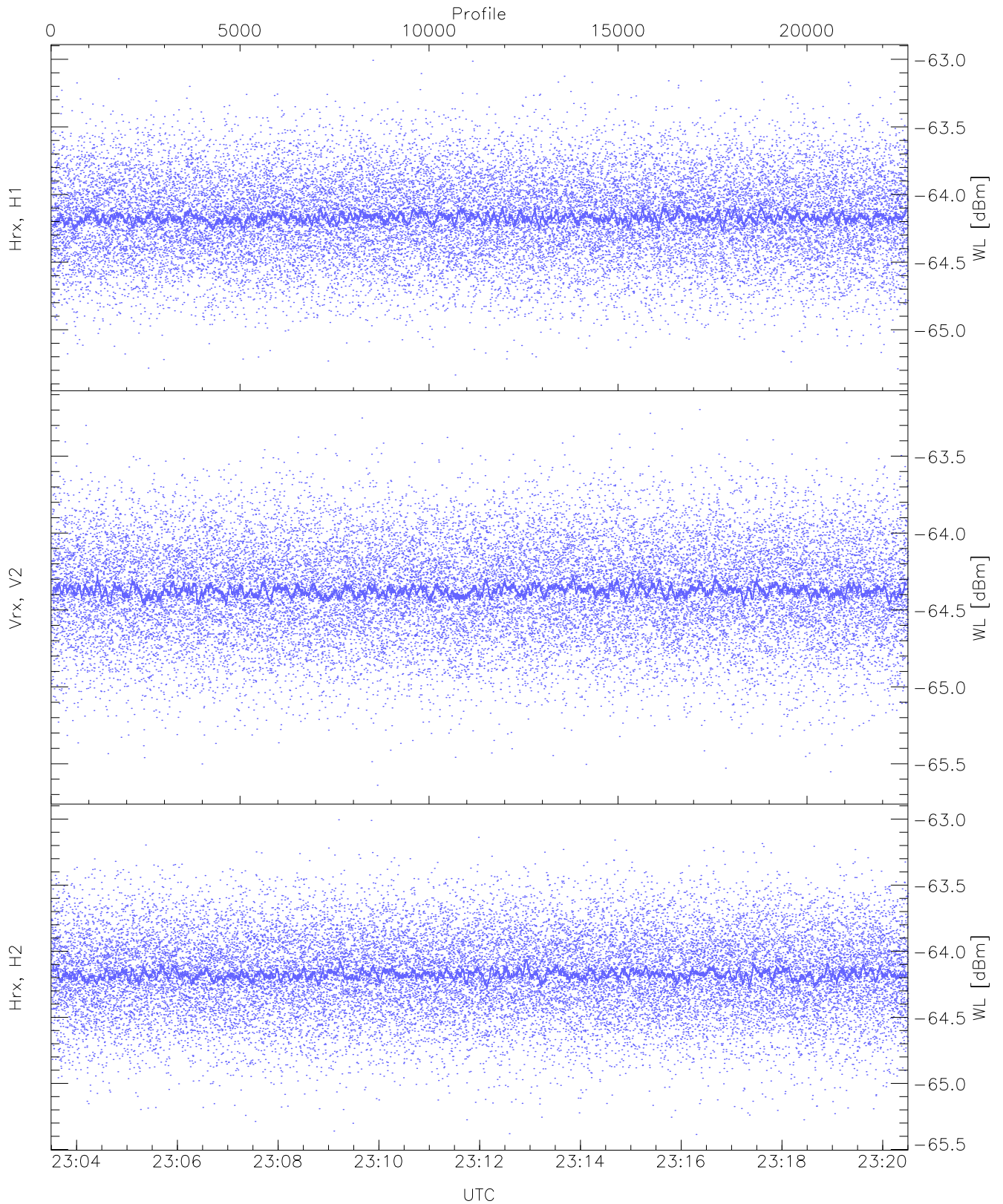
### WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 69 pixs, 8 gates, 68 profs, 1 prod(s)



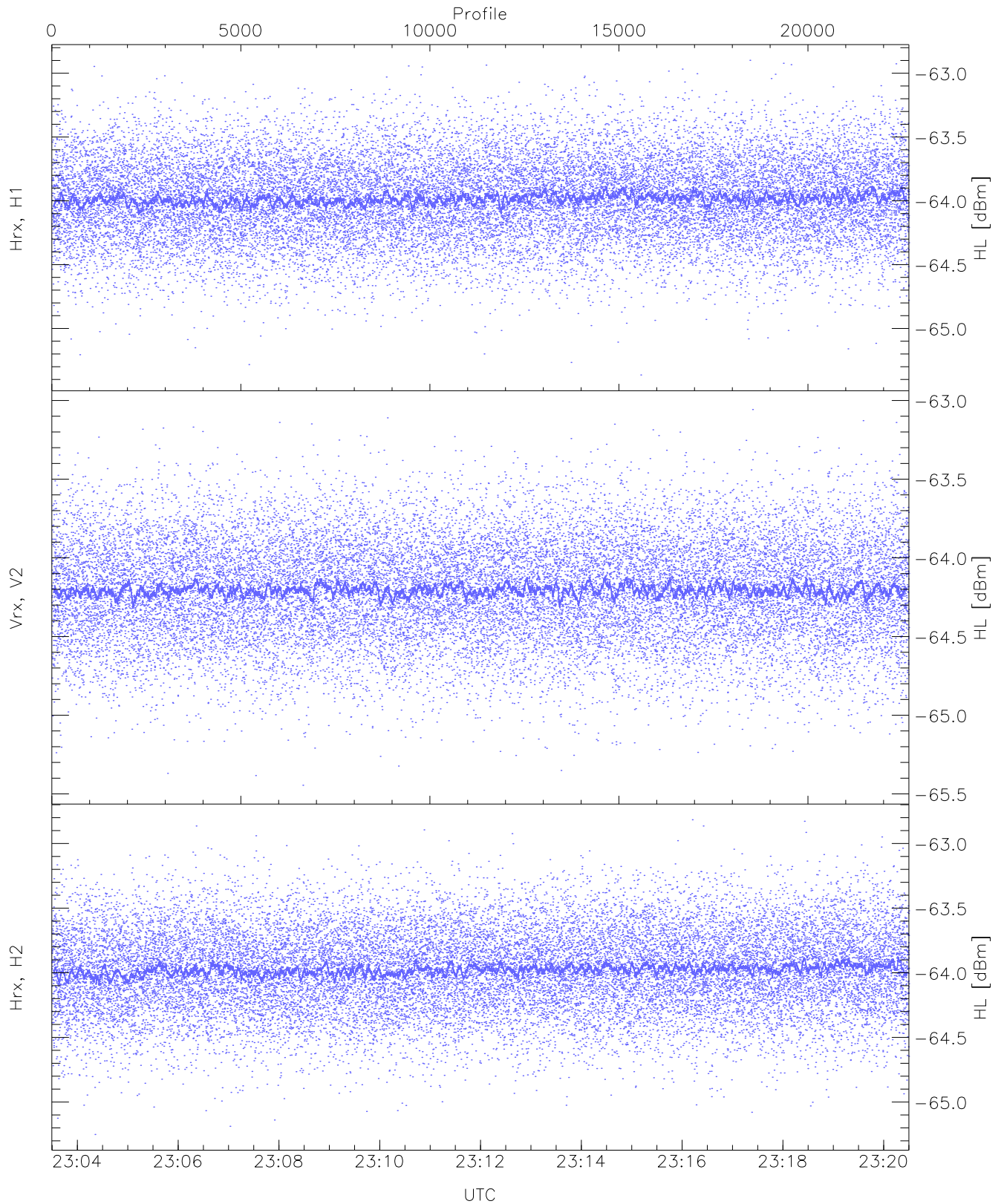
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-64.71	-64.42	-64.57	-64.56	-85.55
RMPHrxH1(std_dBm)	-75.32	-73.84	-74.58	-74.58	-88.38
RMPVrxV2(mean_dBm)	-64.54	-64.30	-64.42	-64.42	-85.96
RMPVrxV2(std_dBm)	-75.23	-73.74	-74.44	-74.44	-88.25
RMPHrxH2(mean_dBm)	-64.32	-64.06	-64.20	-64.20	-85.27
RMPHrxH2(std_dBm)	-75.05	-73.53	-74.21	-74.22	-88.00



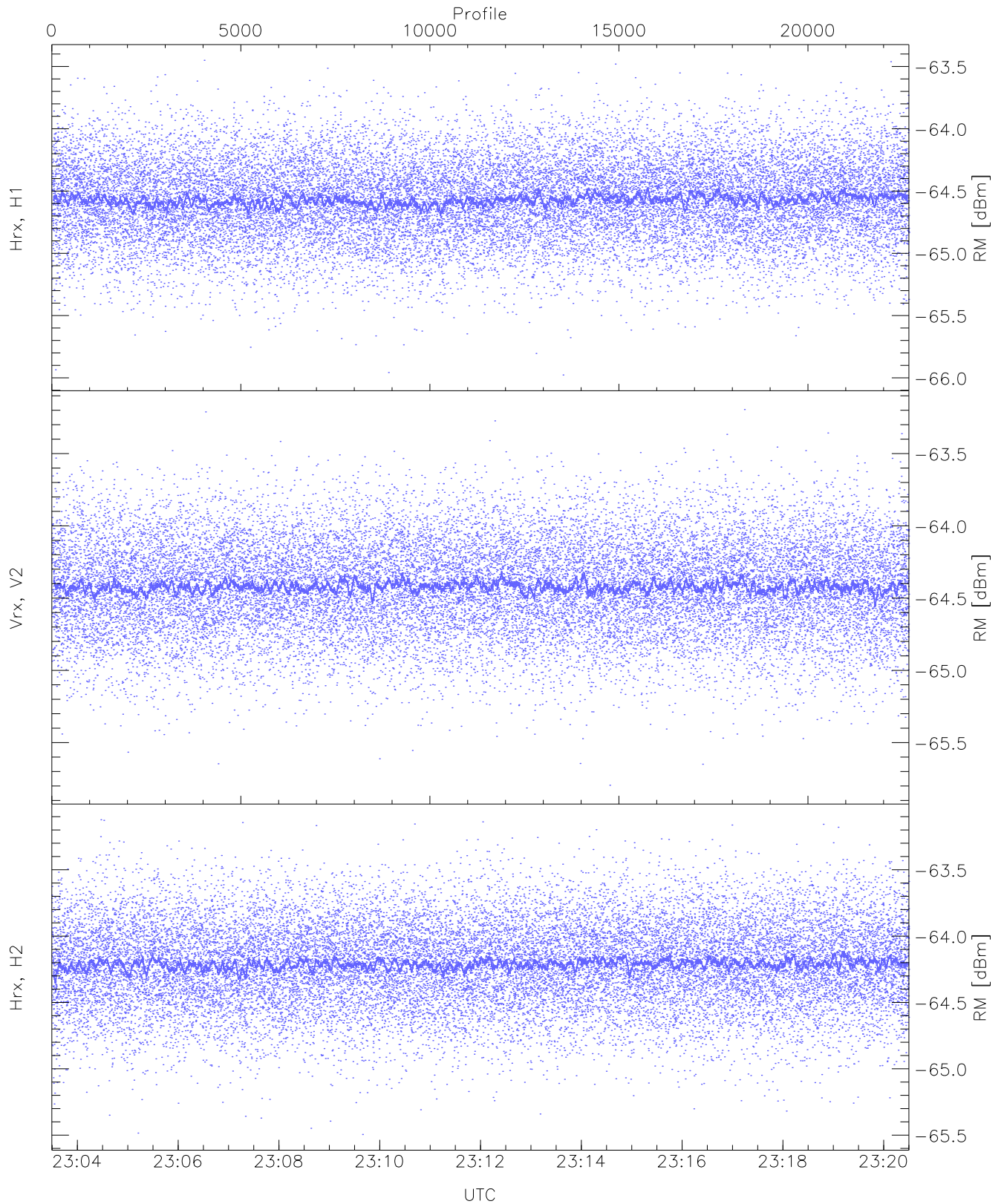
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.33	-63.01	-64.16	-64.17	-75.70
Vrx, V2 (WL [dBm])	-65.64	-63.20	-64.37	-64.37	-75.85
Hrx, H2 (WL [dBm])	-65.39	-63.01	-64.17	-64.17	-75.66



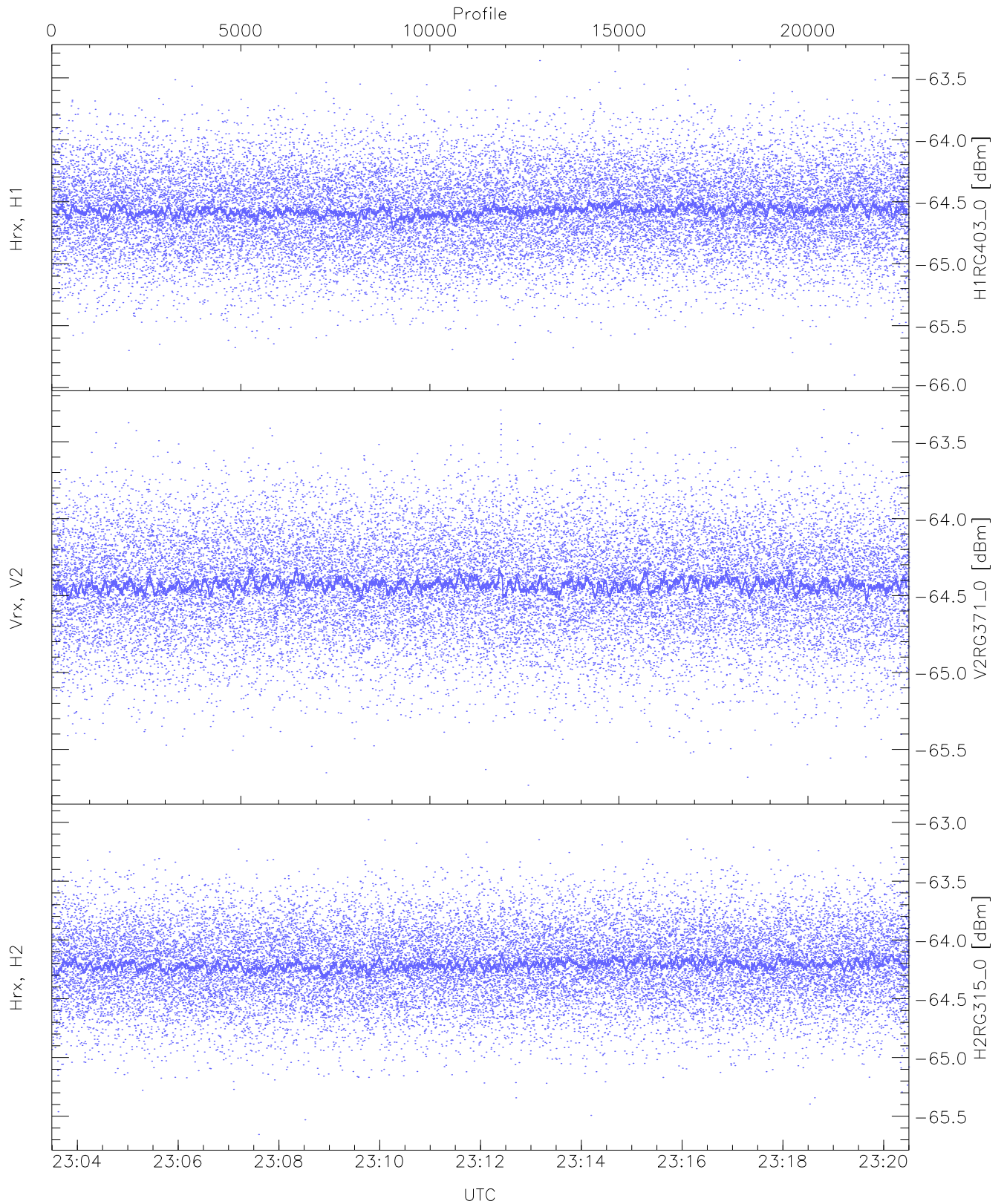
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.36	-62.90	-63.98	-63.99	-75.51
Vrx, V2 (HL [dBm])	-65.45	-63.06	-64.20	-64.21	-75.72
Hrx, H2 (HL [dBm])	-65.25	-62.82	-63.97	-63.98	-75.47



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

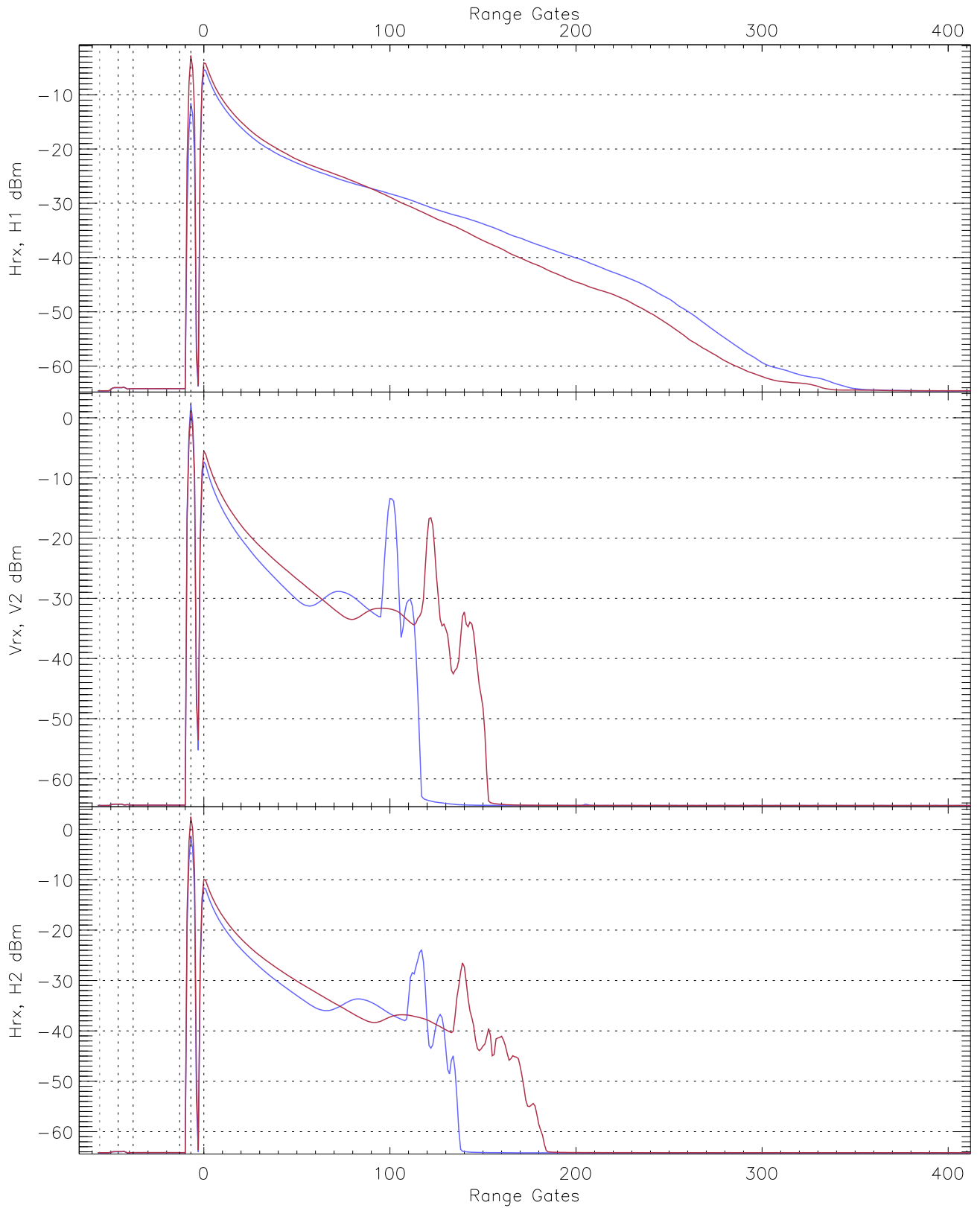
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-65.98	-63.45	-64.57	-64.57	-76.05
Vrx, V2 (RM [dBm])	-65.79	-63.20	-64.41	-64.42	-75.91
Hrx, H2 (RM [dBm])	-65.49	-63.12	-64.20	-64.21	-75.72



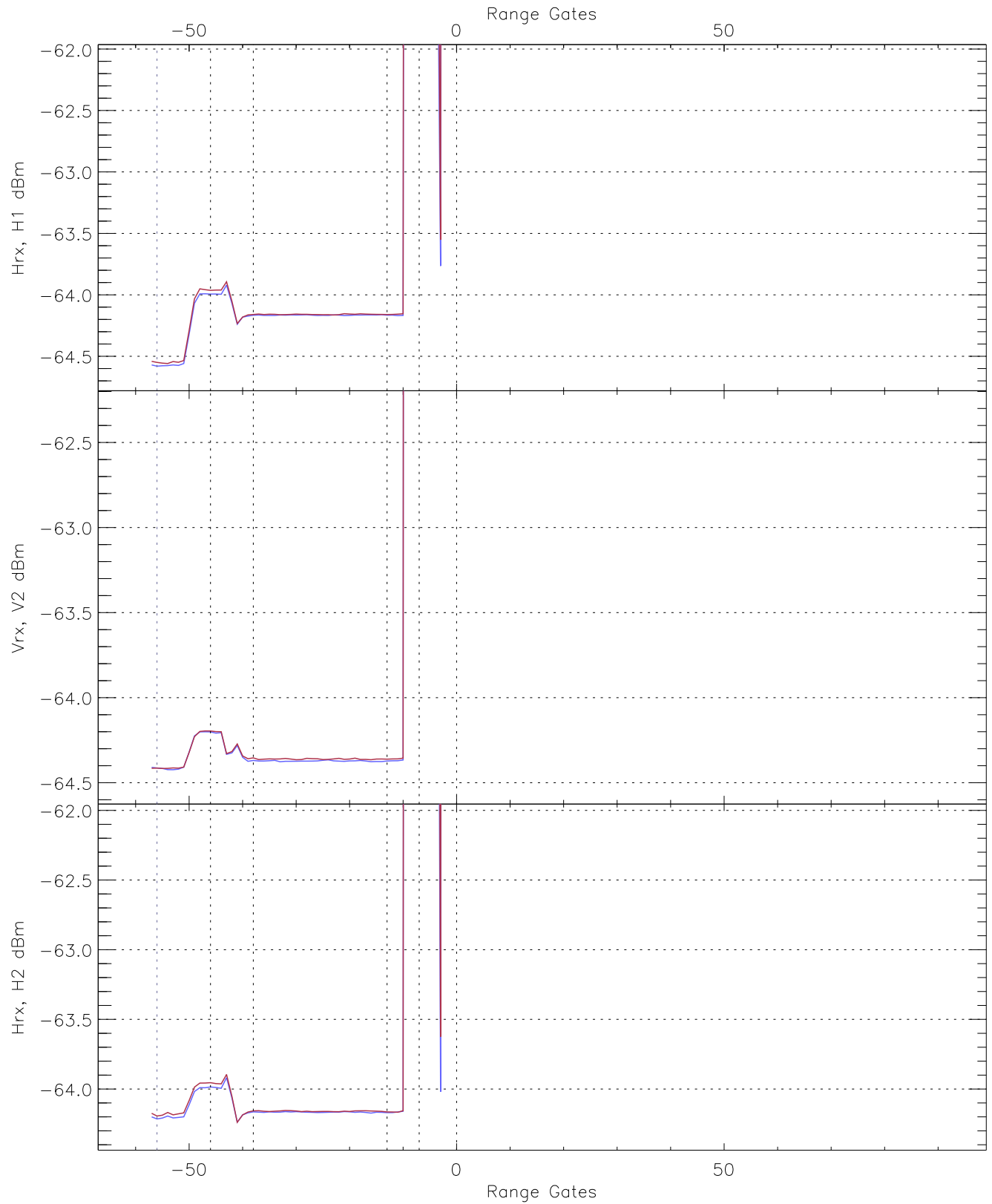
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG403_0 [dBm]	-65.90	-63.36	-64.57	-64.57	-76.03
V2RG371_0 [dBm]	-65.73	-63.29	-64.42	-64.43	-75.92
H2RG315_0 [dBm]	-65.65	-62.98	-64.20	-64.21	-75.73

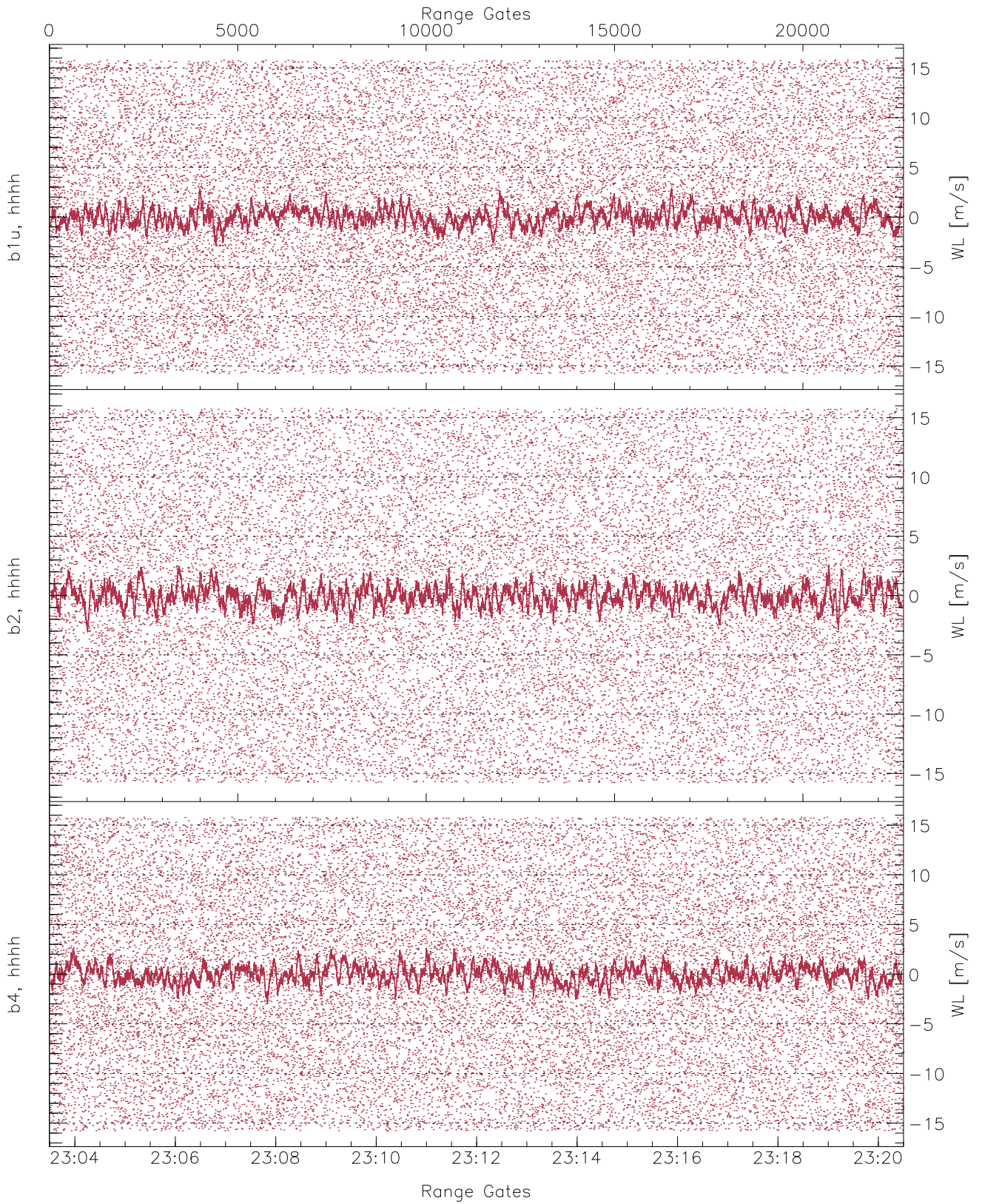




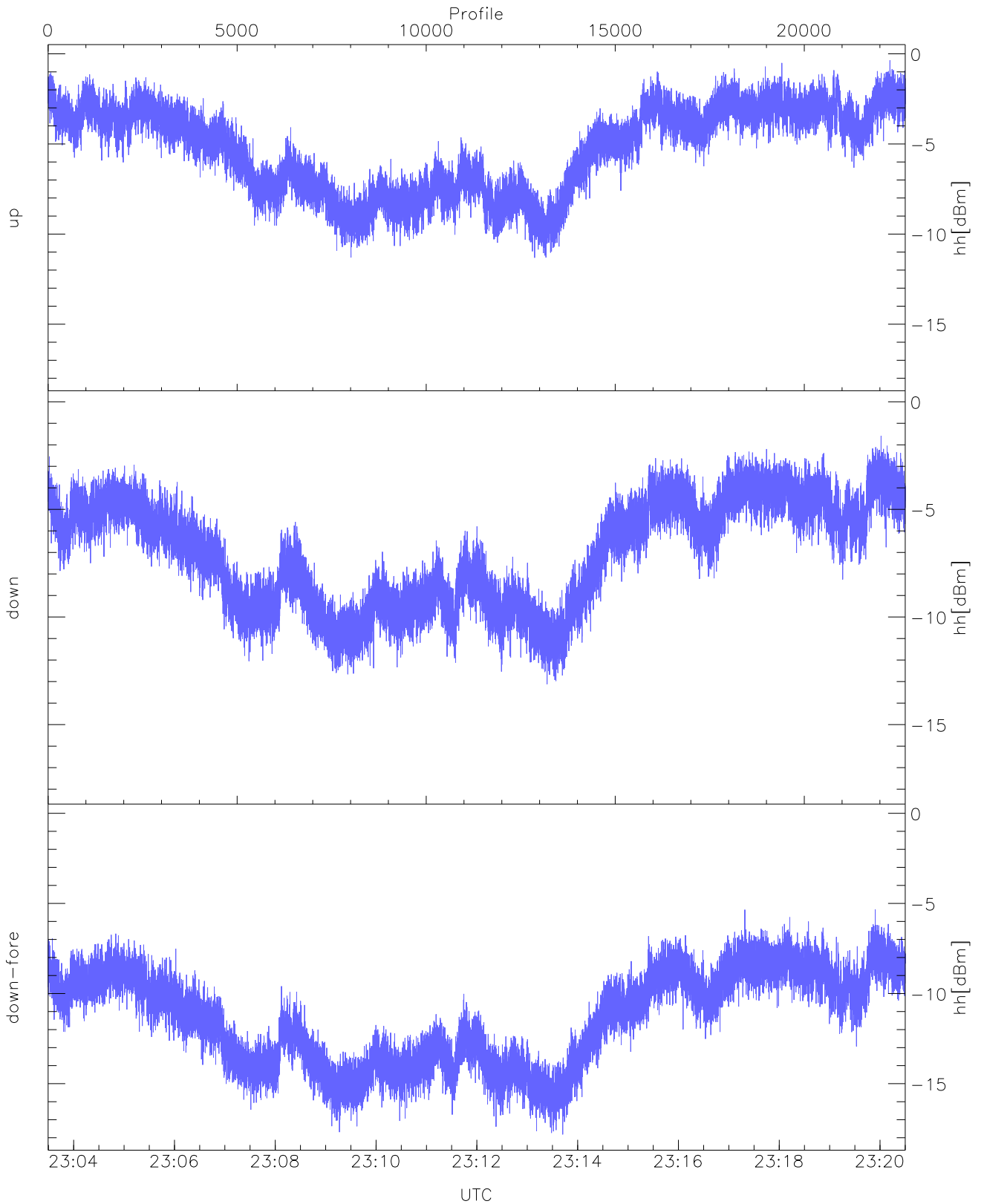
WCR3 CPP Averaged Received power for all recorded gates  
blue: 230330-231200, 11337 profiles averaged  
red: 231200-232030, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 230330-231200, 11337 profiles averaged  
red: 231200-232030, 11336 profiles averaged

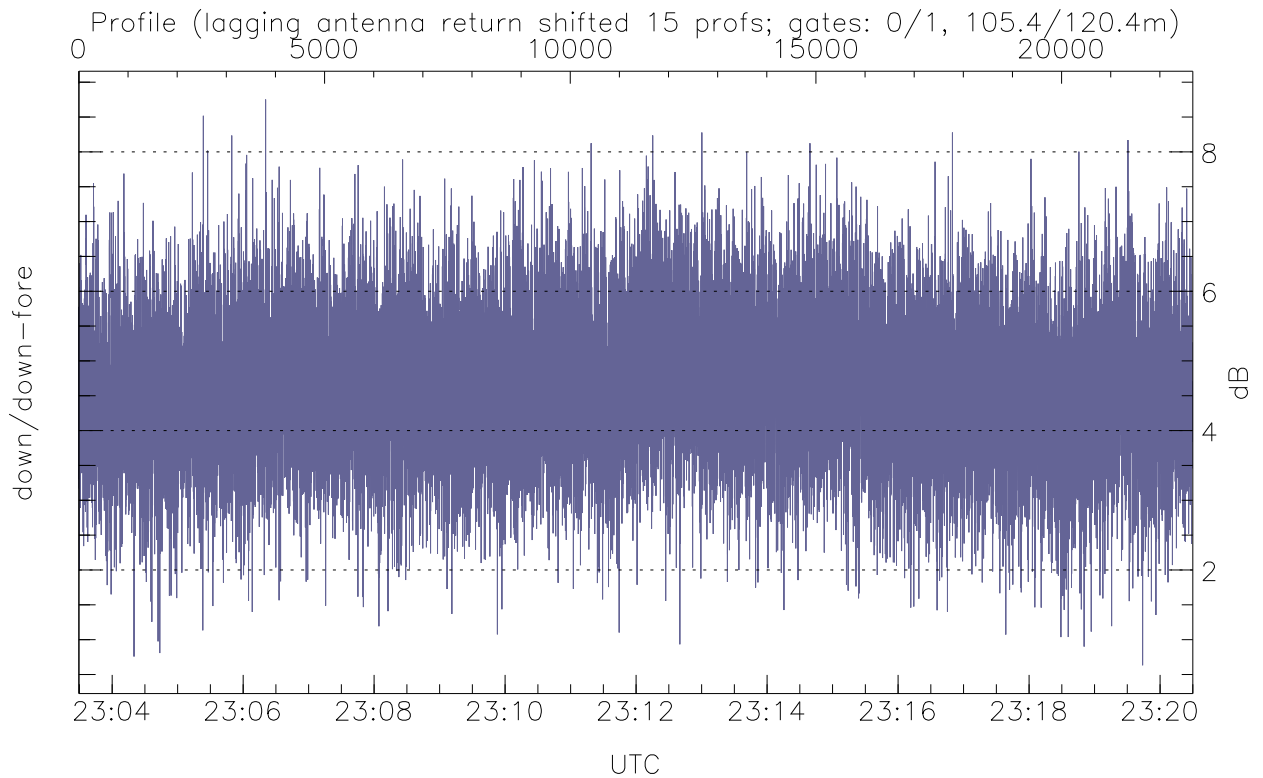
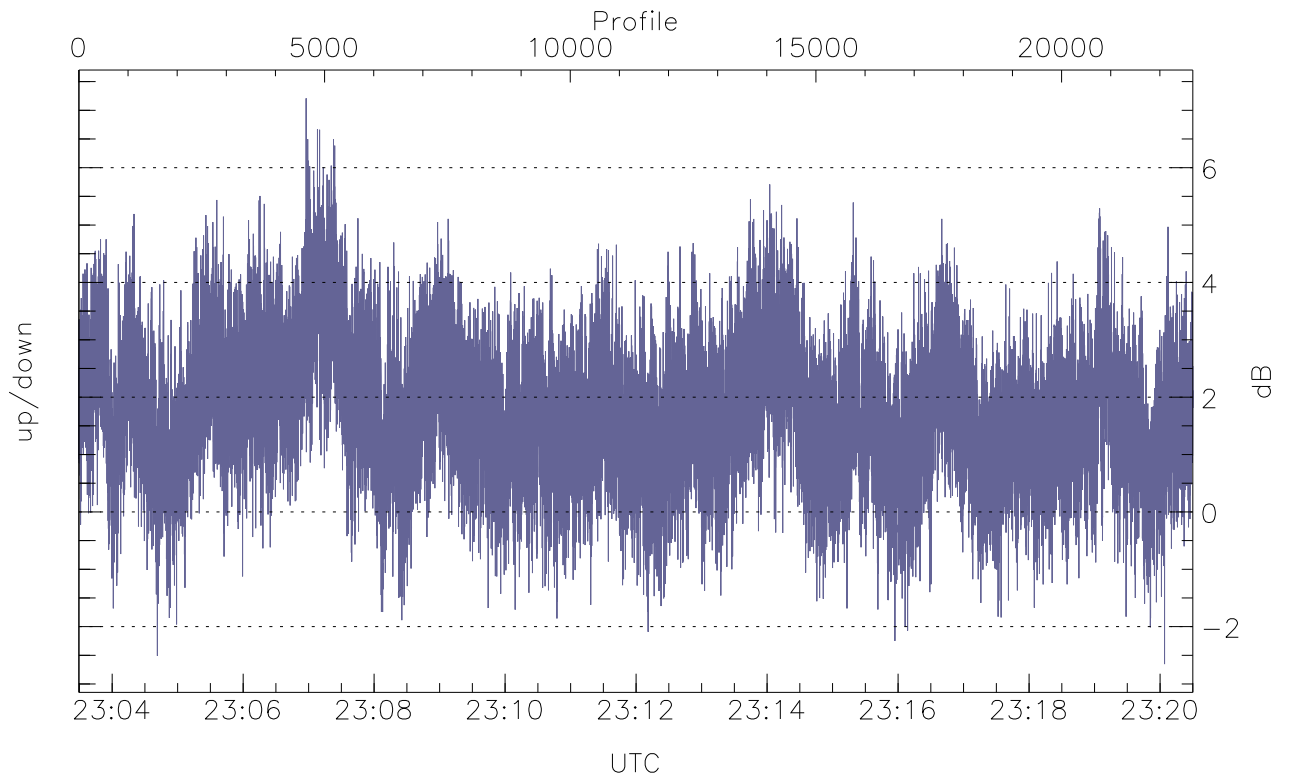


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



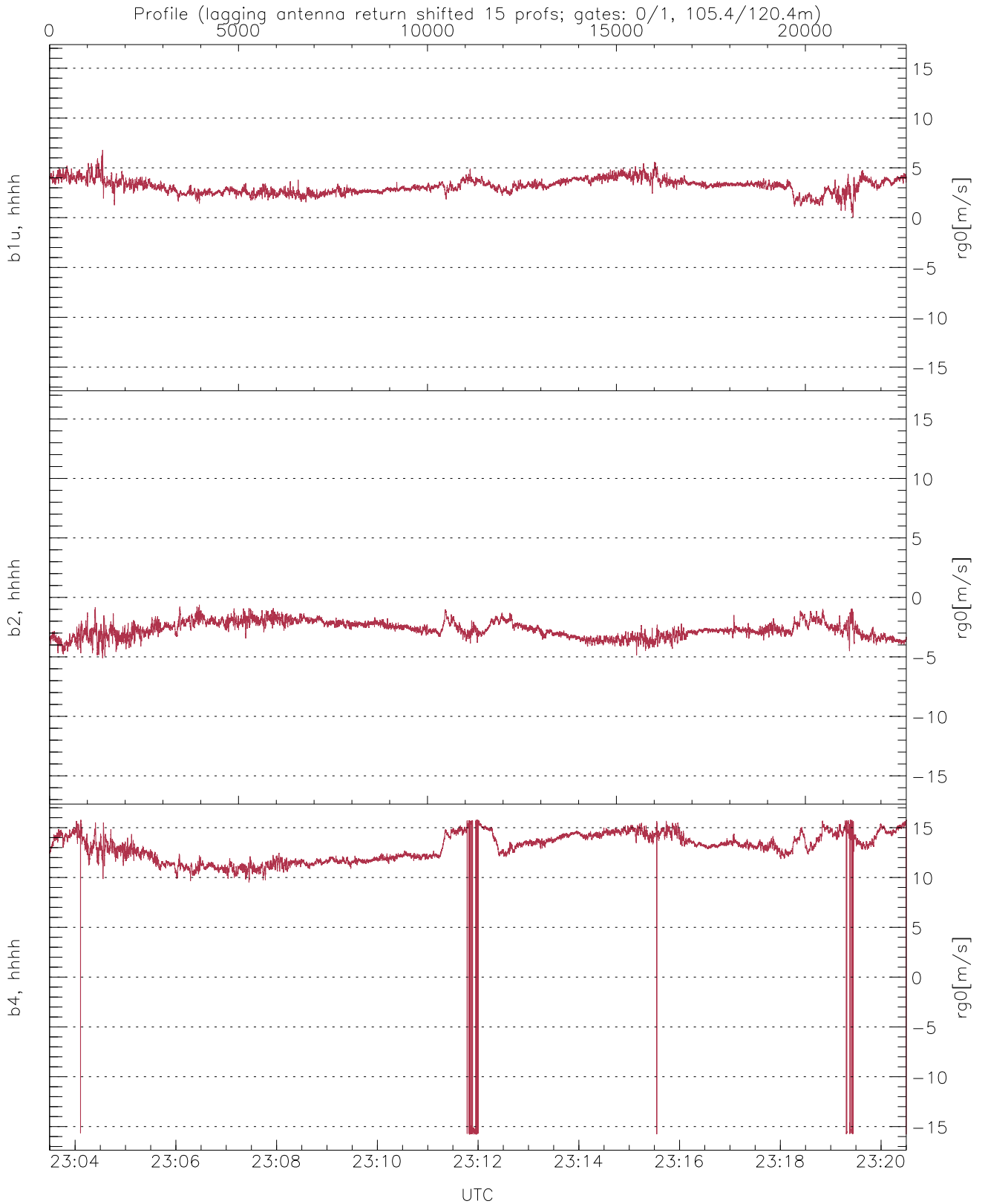
WCR3 CPP Received Power Products for Range gate 0 (105.4 m)

	Min	Max	Mean
up(hh[dBm])	-11.31	-0.36	-4.70
down(hh[dBm])	-13.12	-1.59	-6.37
down-fore(hh[dBm])	-17.82	-5.34	-10.68



WCR3 Beam pairs Received Power Ratio(s); RangeGate: 0 (105 m)

	Min	Max	Mean
up/down (dB)	-2.65	7.21	1.73
down/down-fore (dB)	0.63	8.75	4.63



WCR3 CPP Doppler Velocity Products at 105.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg0[m/s])	0.02	6.80	3.16	0.71
b2, hhhh(rg0[m/s])	-5.10	-0.62	-2.69	0.67
b4, hhhh(rg0[m/s])	-15.79	15.79	12.73	3.14