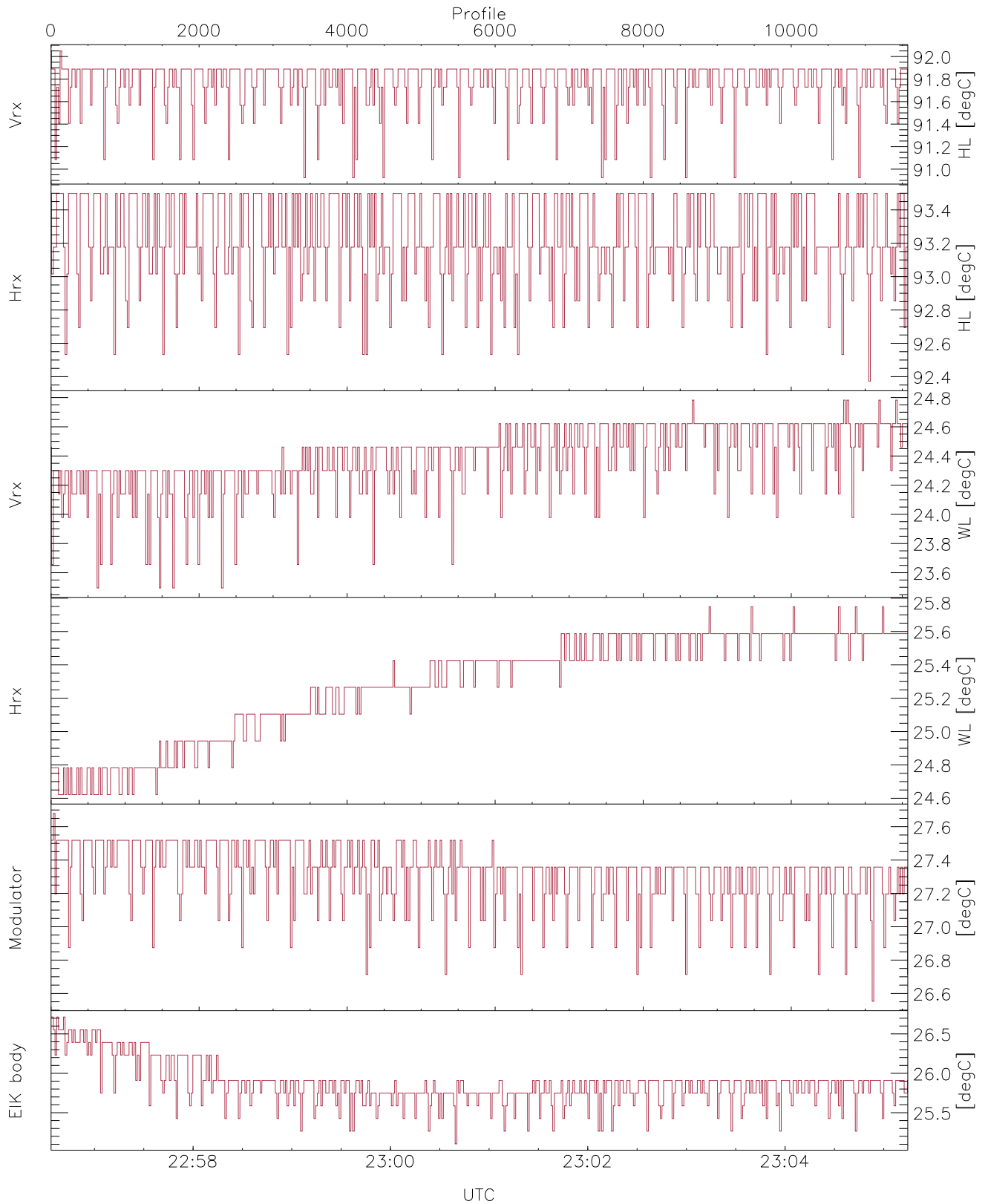


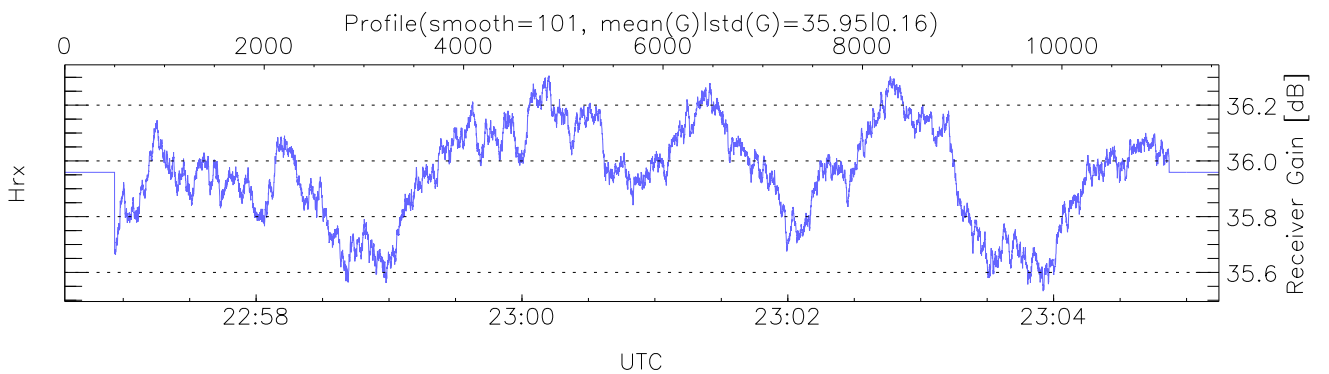
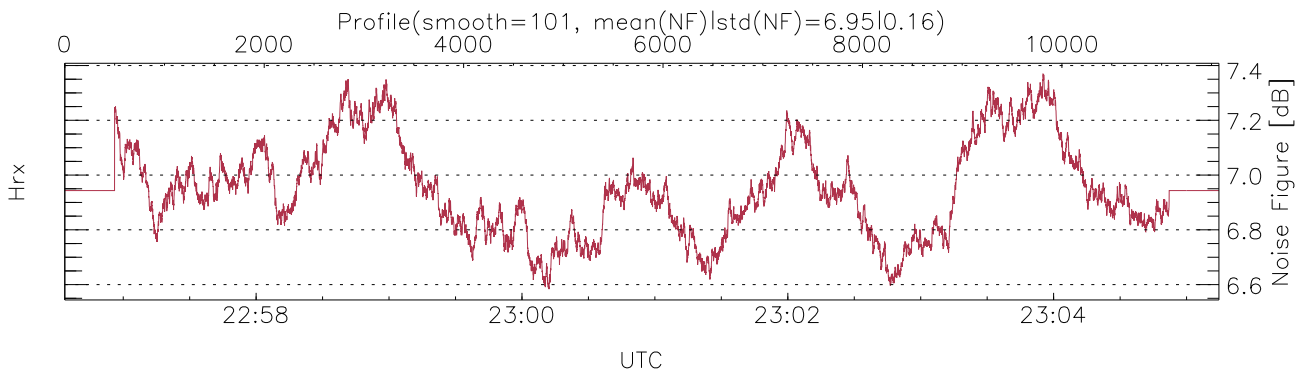
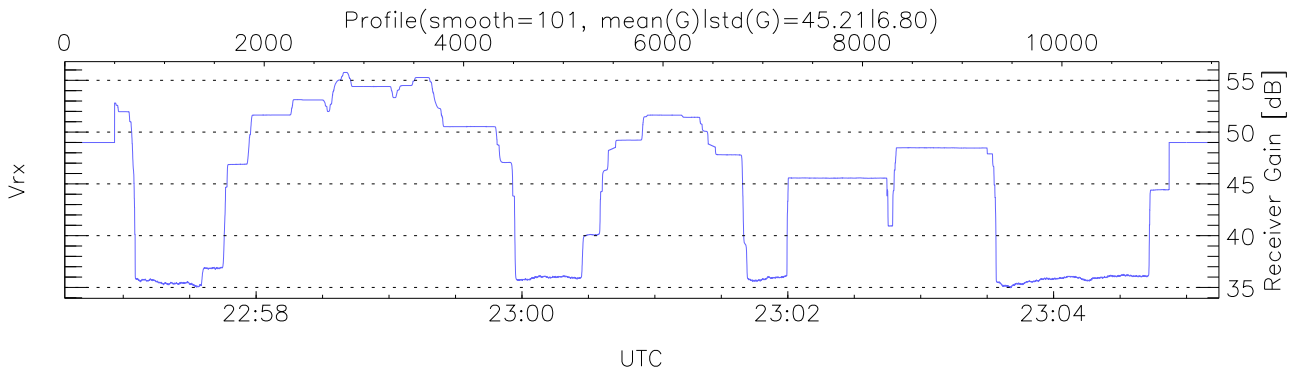
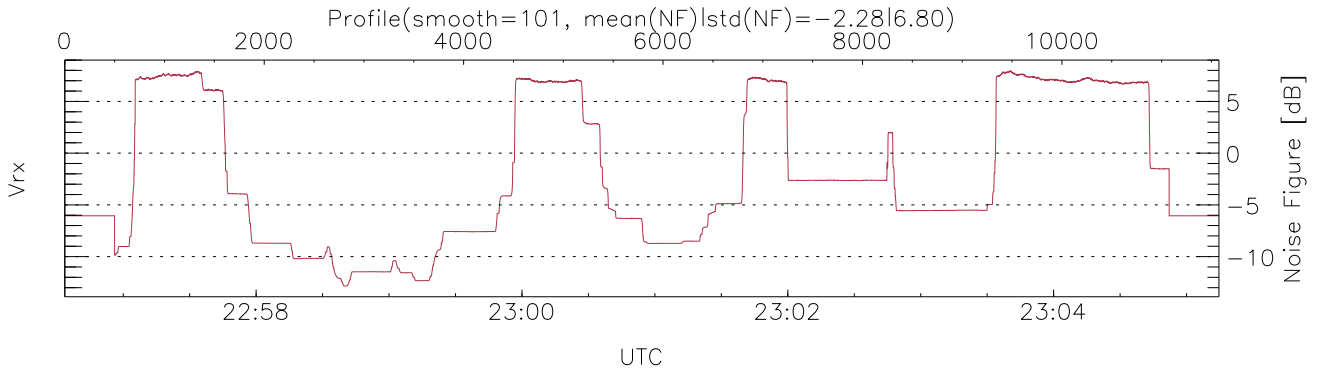
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 22:56:34-23:05:15, TimeCor: 0.00s, Dur: 521.01s  
 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): 11576/11576, 0-11575/22:56:34-23:05:15  
 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



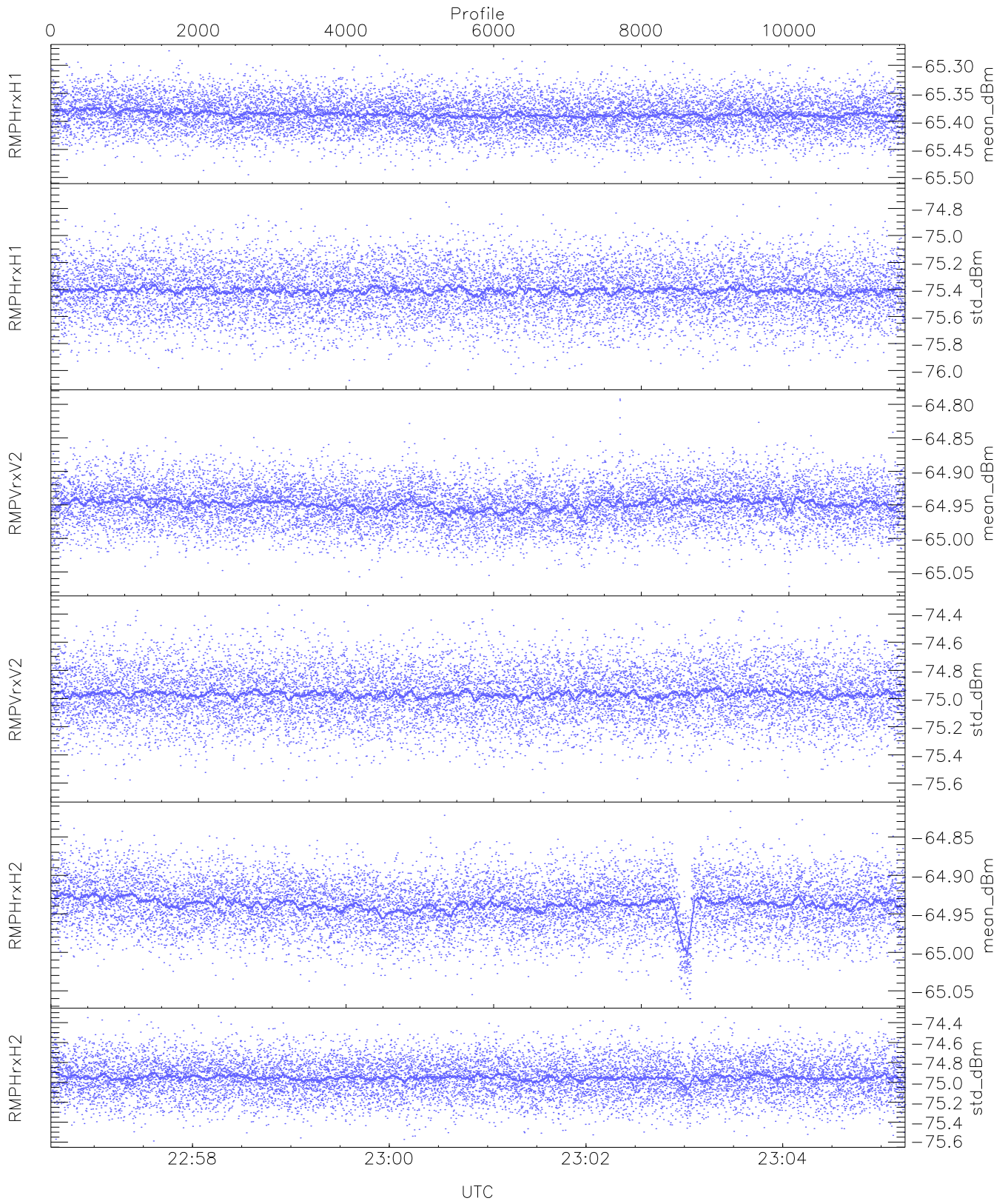
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,23,24,26,25`  
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,24,25,27,26`  
`LOalarm(20,240,2817,14861 MHz): None`  
`EIK/Modulator Faults: None`



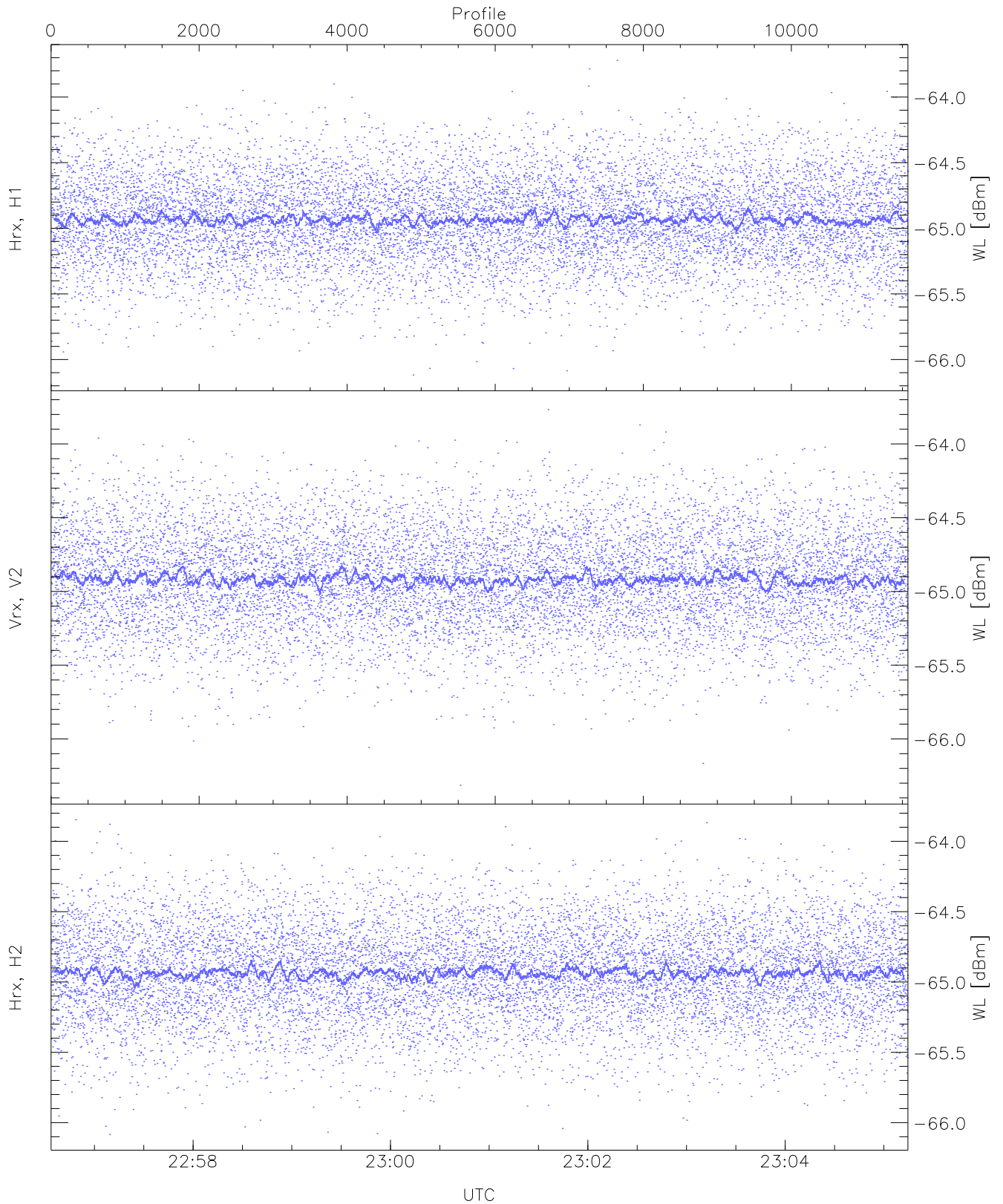
### WCR3 CPP Receivers Gain and Noise Figure

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



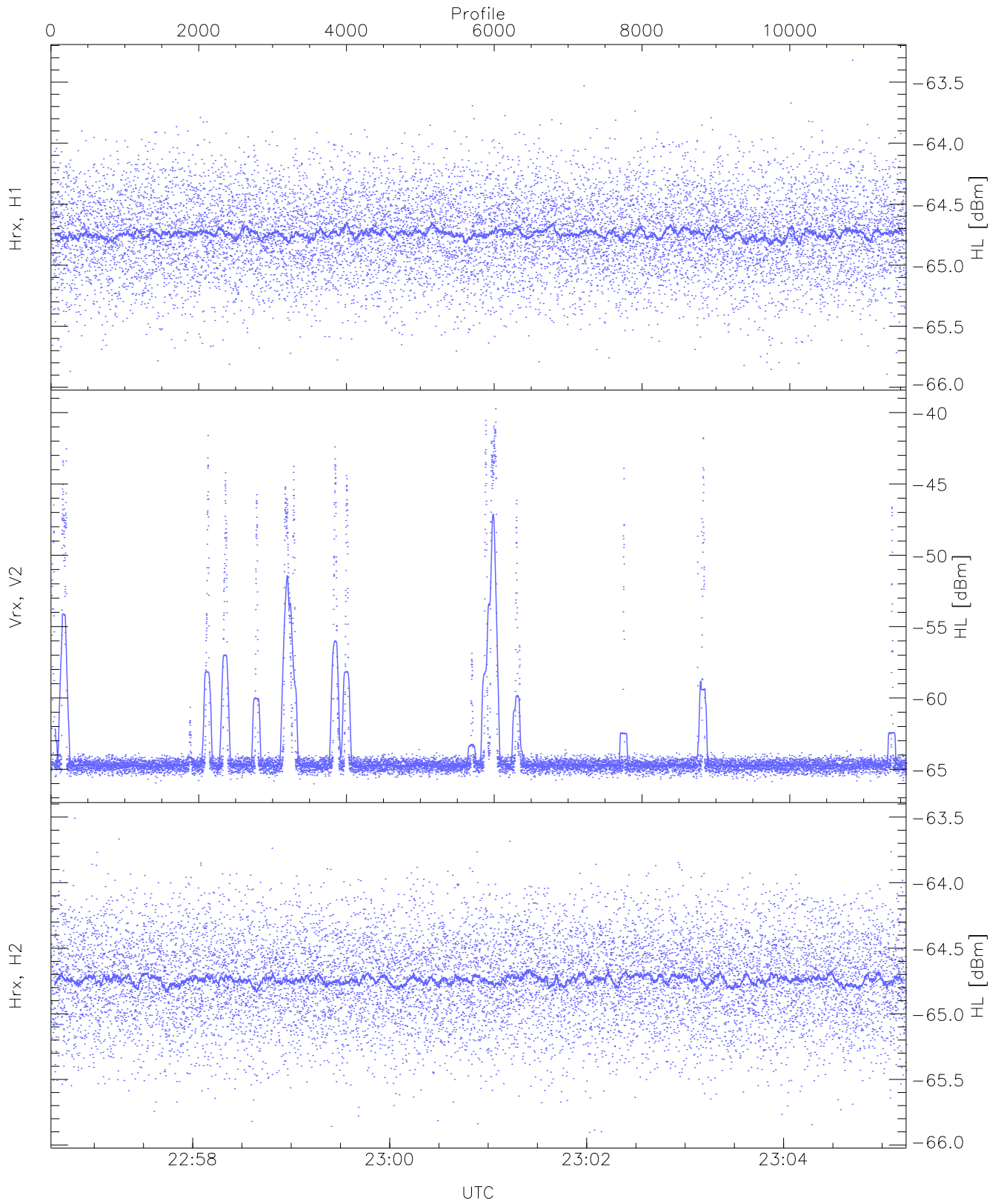
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.50	-65.27	-65.39	-65.39	-87.00
RMPHrxH1(std_dBm)	-76.07	-74.69	-75.41	-75.41	-89.20
RMPVrxV2(mean_dBm)	-65.07	-64.79	-64.95	-64.95	-86.46
RMPVrxV2(std_dBm)	-75.67	-74.34	-74.97	-74.97	-88.78
RMPHrxH2(mean_dBm)	-65.06	-64.82	-64.94	-64.94	-86.39
RMPHrxH2(std_dBm)	-75.59	-74.32	-74.95	-74.95	-88.77



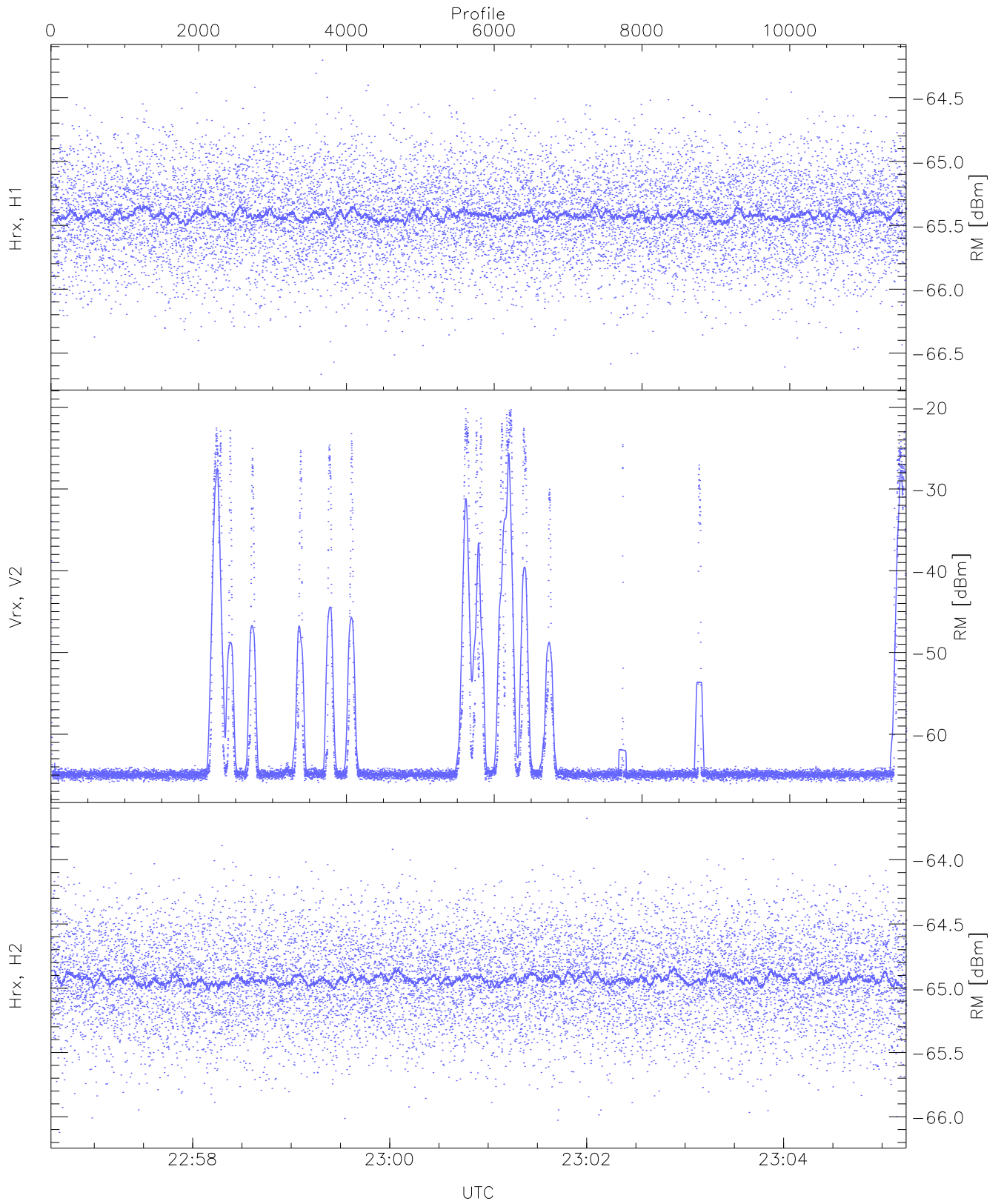
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.12	-63.72	-64.93	-64.93	-76.42
Vrx, V2 (WL [dBm])	-66.31	-63.77	-64.91	-64.92	-76.39
Hrx, H2 (WL [dBm])	-66.08	-63.85	-64.93	-64.94	-76.42



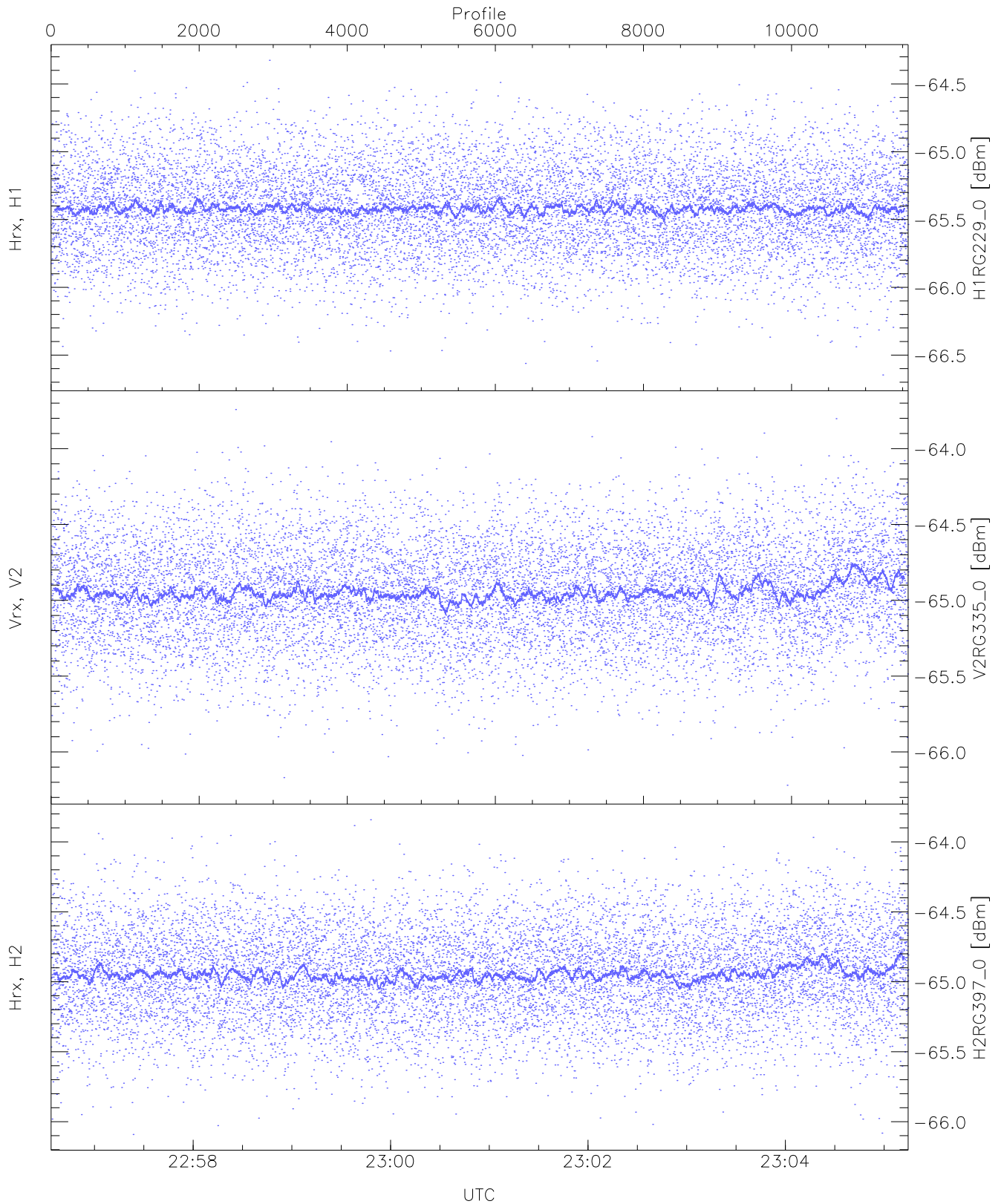
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.89	-63.32	-64.73	-64.74	-76.21
Vrx, V2 (HL [dBm])	-66.02	-39.73	-58.67	-64.68	-52.30
Hrx, H2 (HL [dBm])	-65.90	-63.51	-64.73	-64.74	-76.19



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

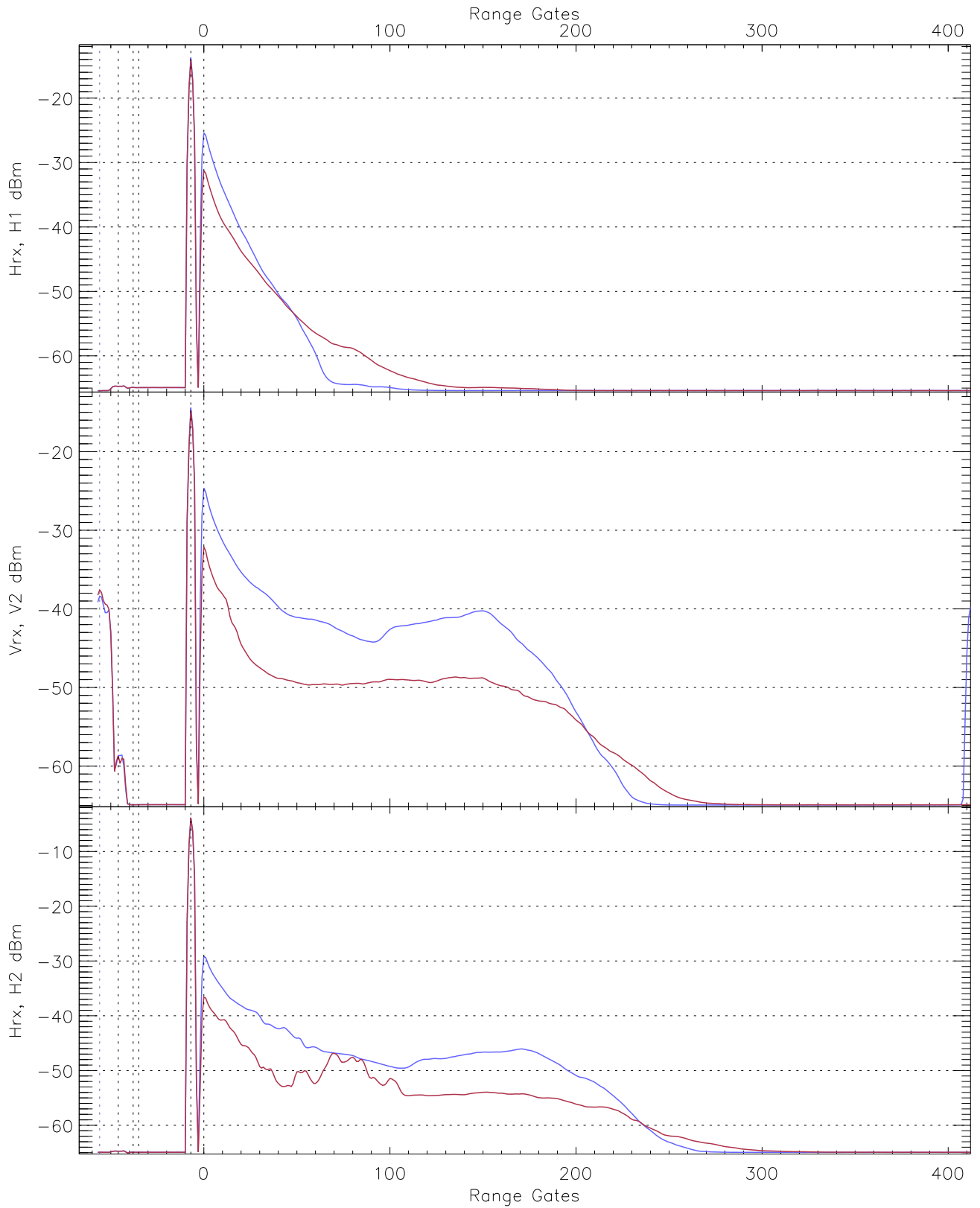
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.67	-64.21	-65.41	-65.42	-76.97
Vrx, V2 (RM [dBm])	-66.07	-20.18	-37.97	-64.82	-31.19
Hrx, H2 (RM [dBm])	-66.12	-63.68	-64.92	-64.93	-76.40



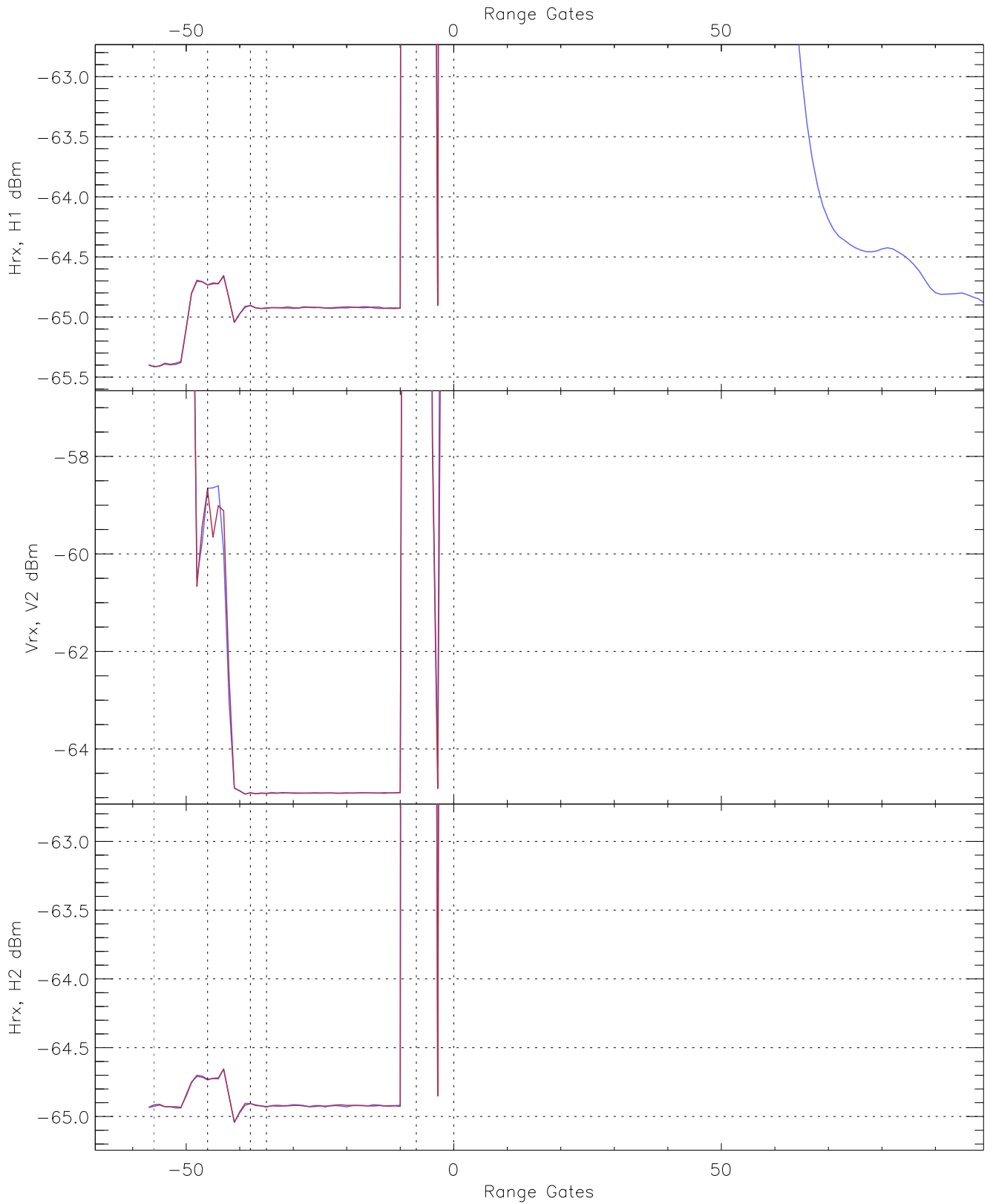
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG229_0 [dBm]	-66.65	-64.33	-65.41	-65.42	-76.93
V2RG335_0 [dBm]	-66.22	-63.74	-64.94	-64.94	-76.41
H2RG397_0 [dBm]	-66.09	-63.84	-64.94	-64.94	-76.41

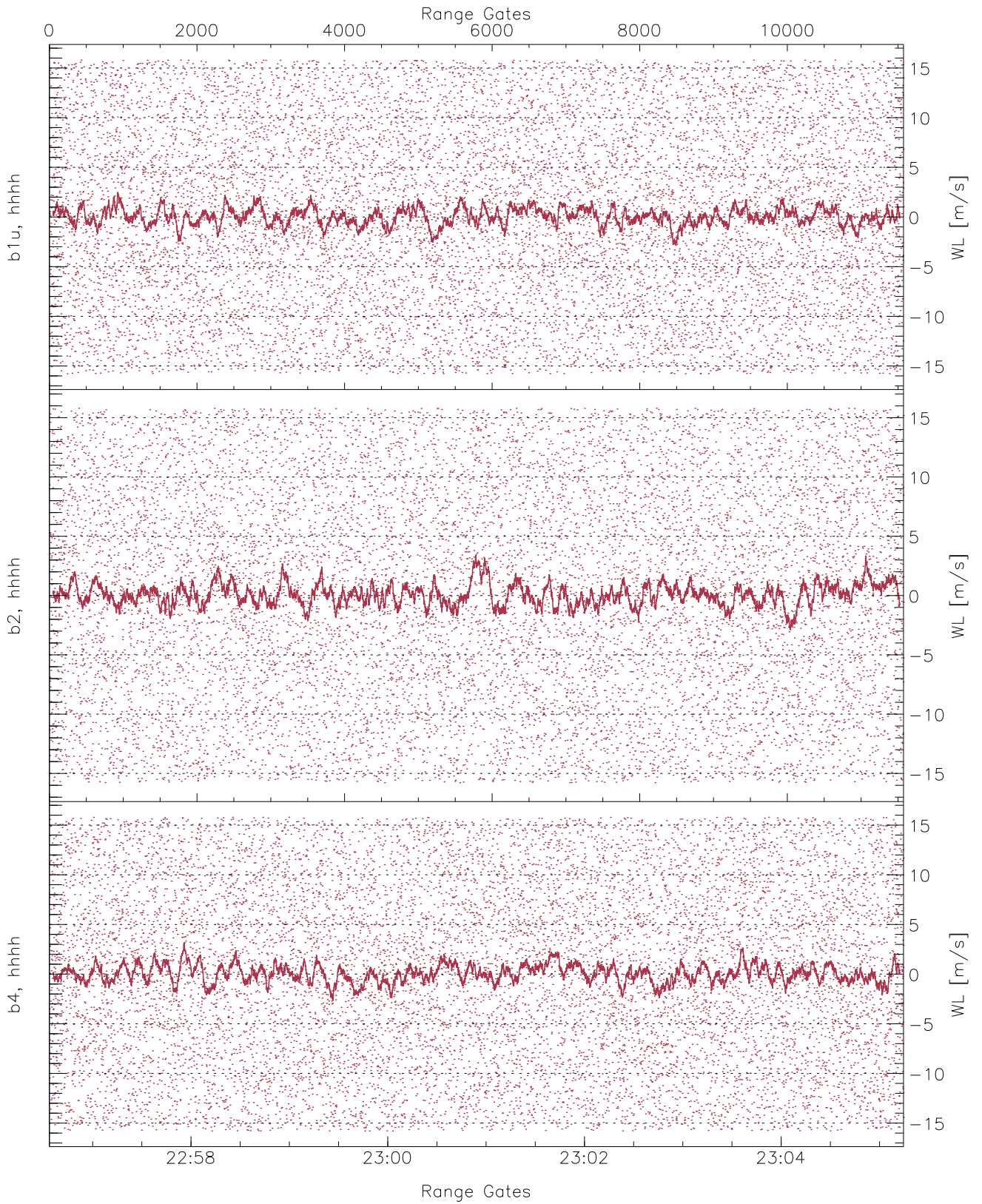




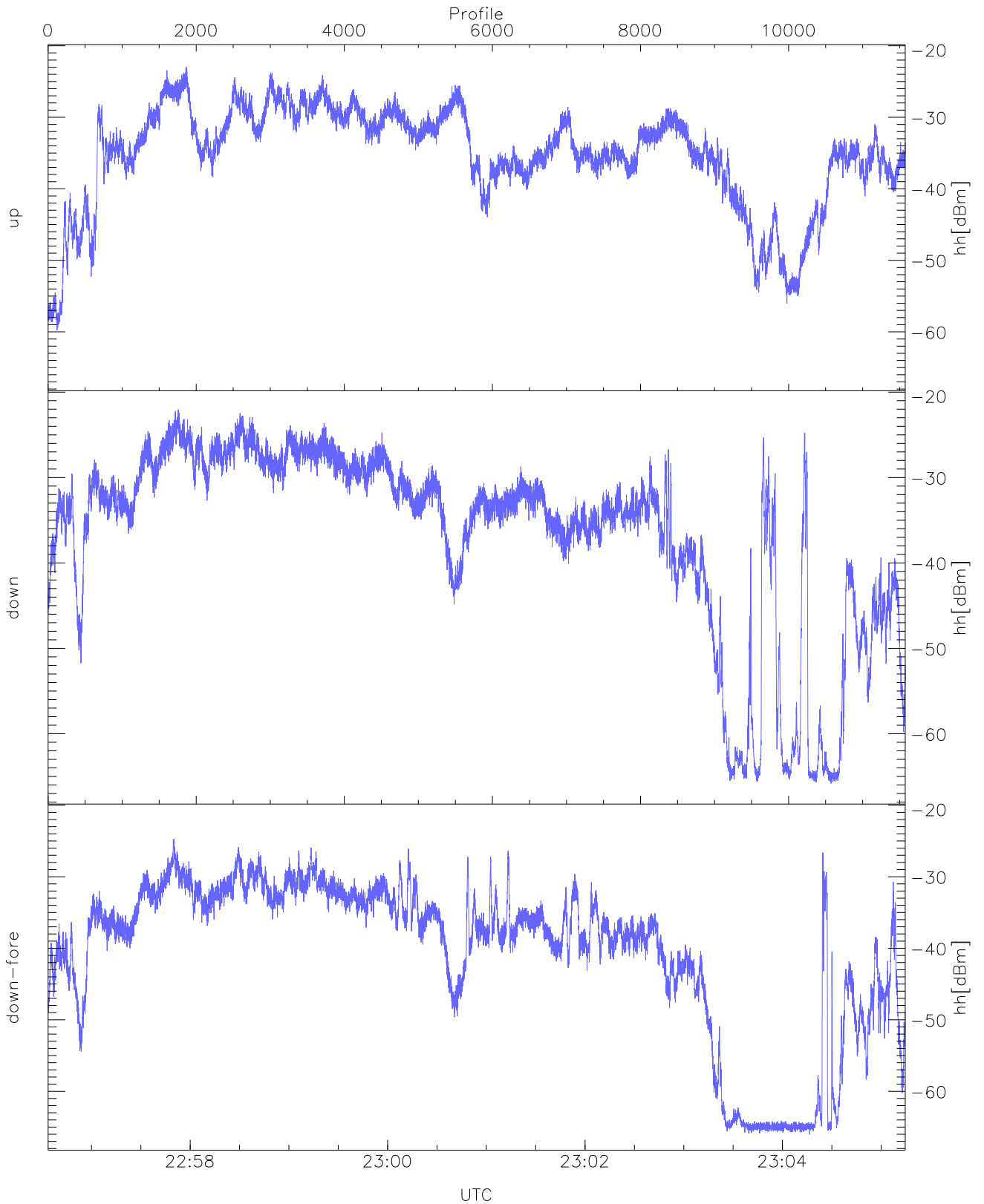
WCR3 CPP Averaged Received power for all recorded gates  
blue: 225634-230054, 5789 profiles averaged  
red: 230054-230515, 5788 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 225634-230054, 5789 profiles averaged  
red: 230054-230515, 5788 profiles averaged

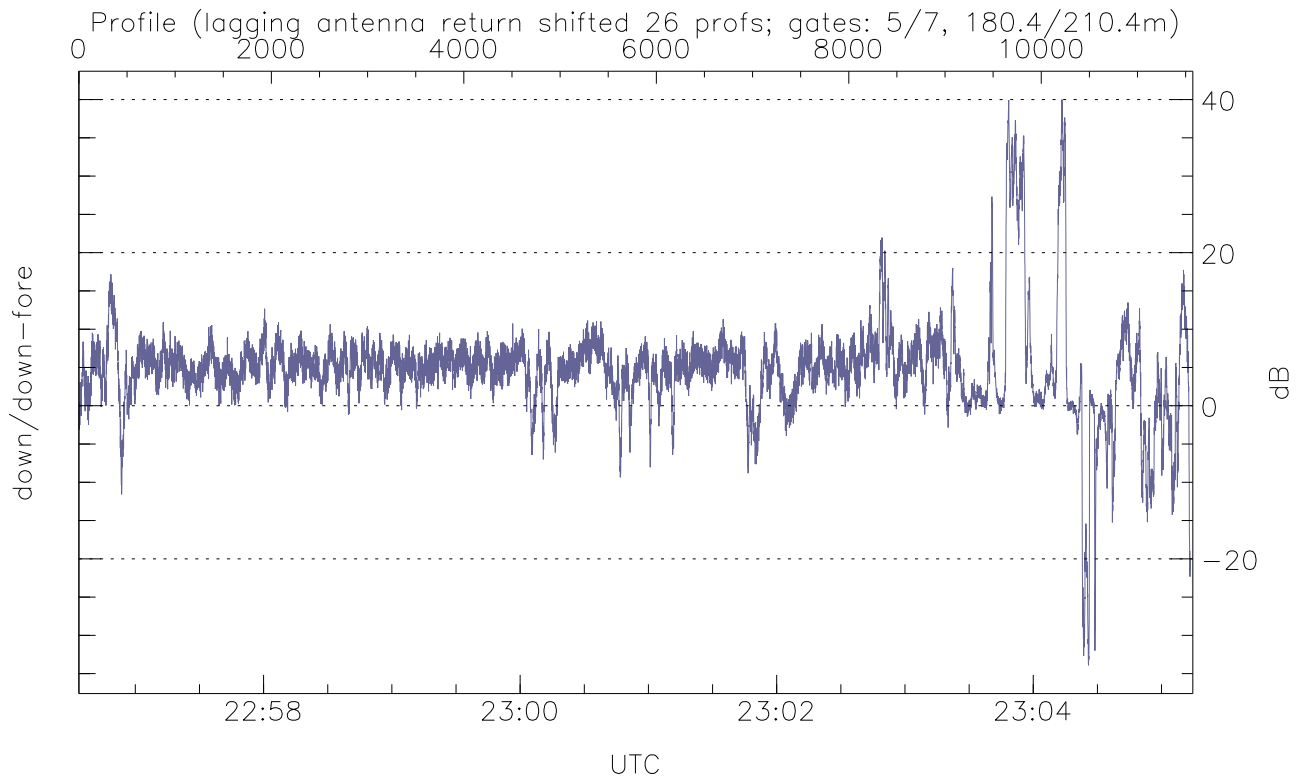
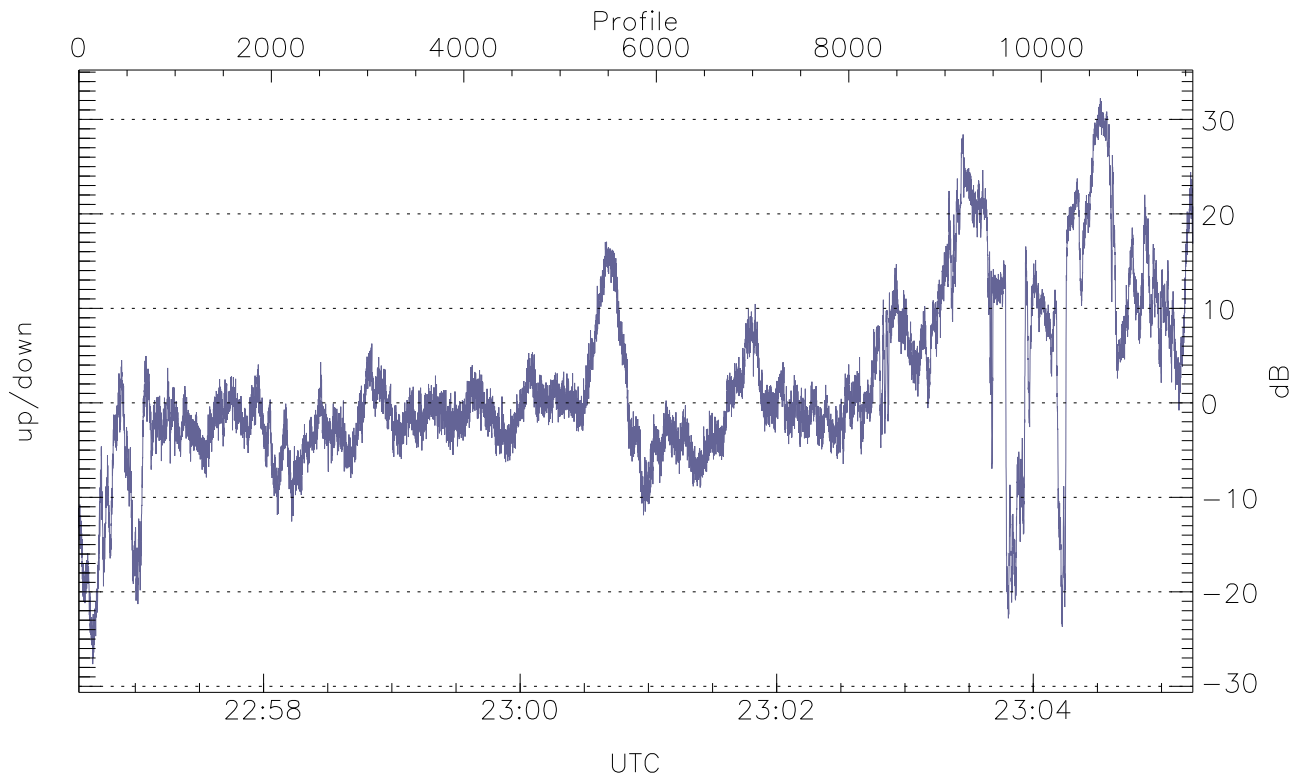


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



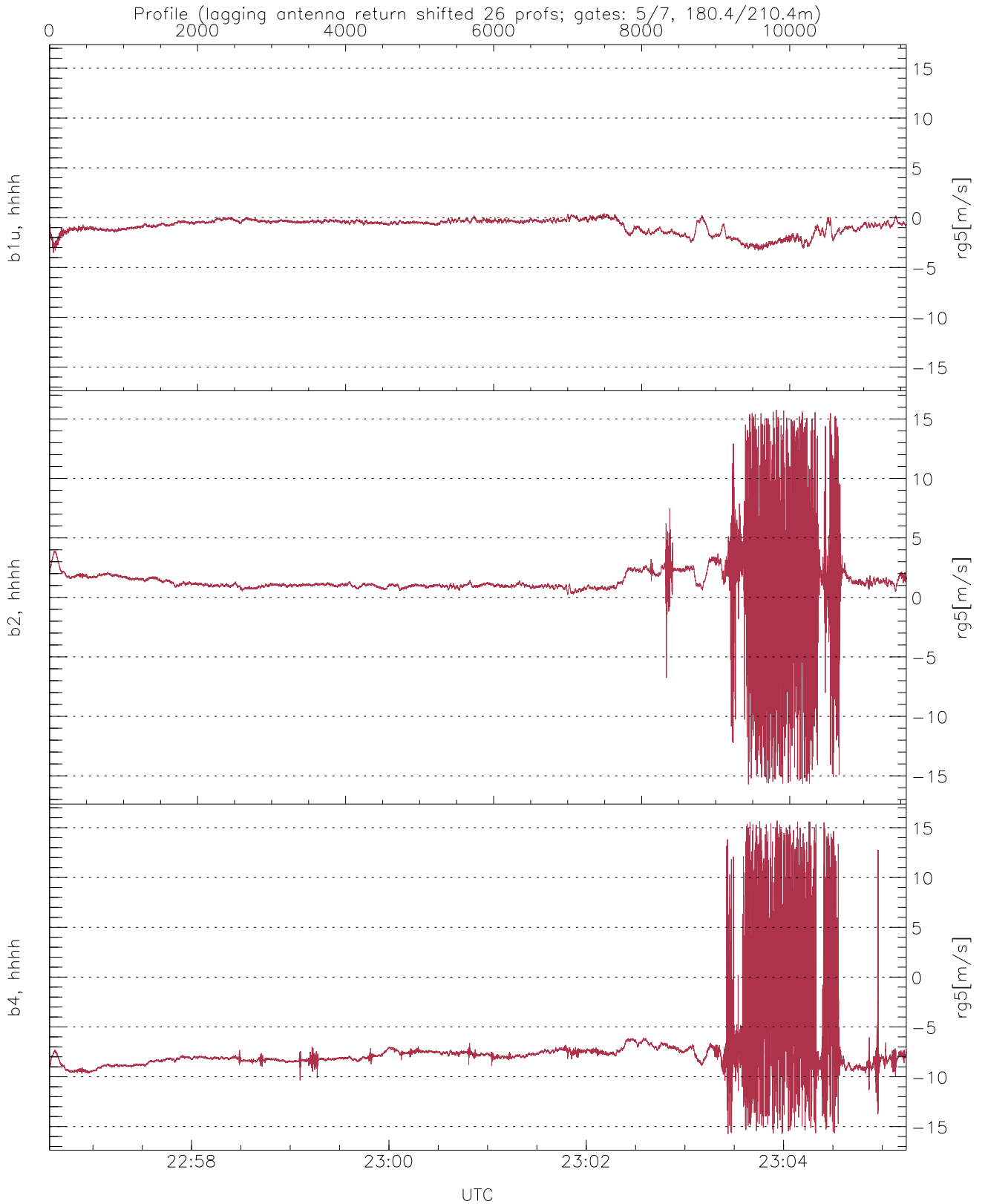
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-59.77	-22.93	-31.84
down(hh[dBm])	-65.83	-22.04	-30.85
down-fore(hh[dBm])	-66.03	-24.76	-34.65



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

	Min	Max	Mean
up/down (dB)	-27.65	32.23	1.61
down/down-fore (dB)	-33.91	40.01	4.85



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-3.53	0.43	-0.87	0.75
b2, hhhh(rg5[m/s])	-15.71	15.76	1.30	2.81
b4, hhhh(rg5[m/s])	-15.76	15.70	-7.17	3.76