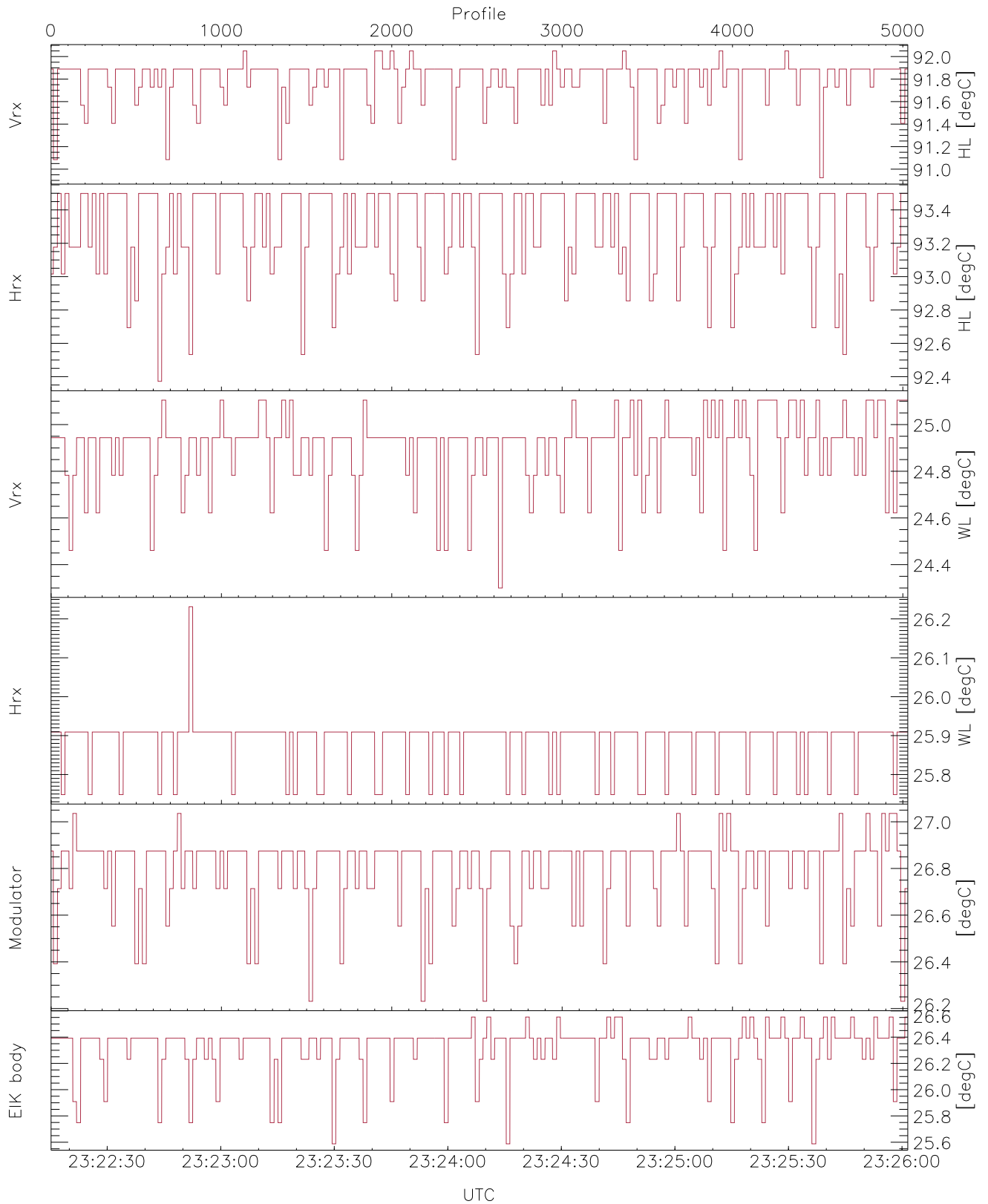


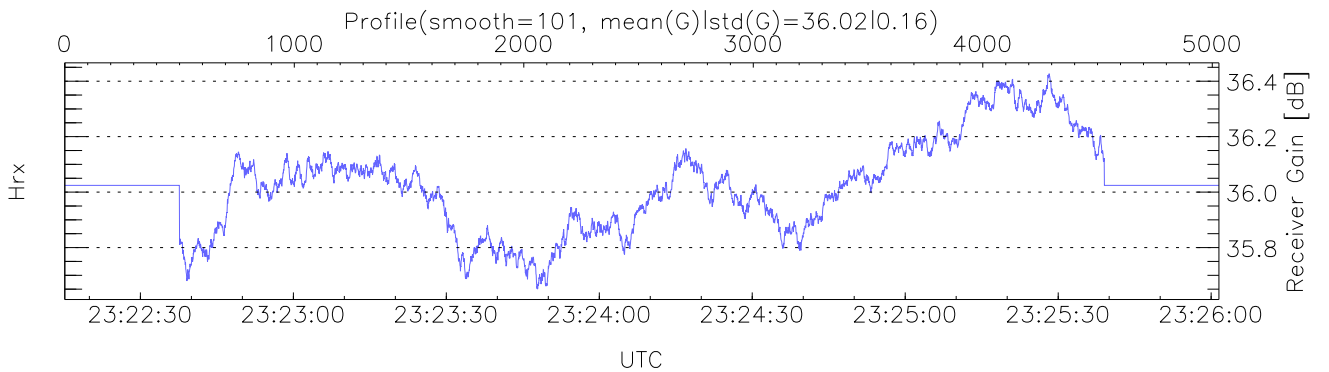
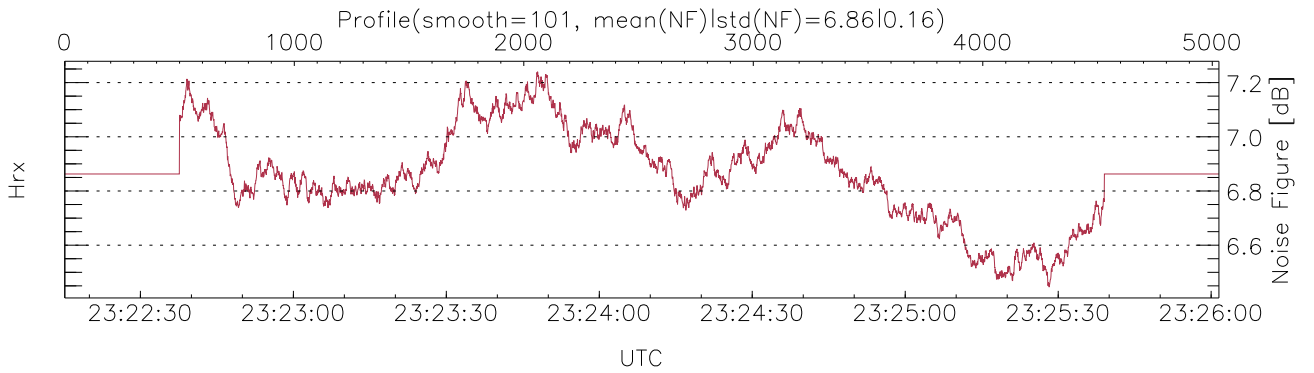
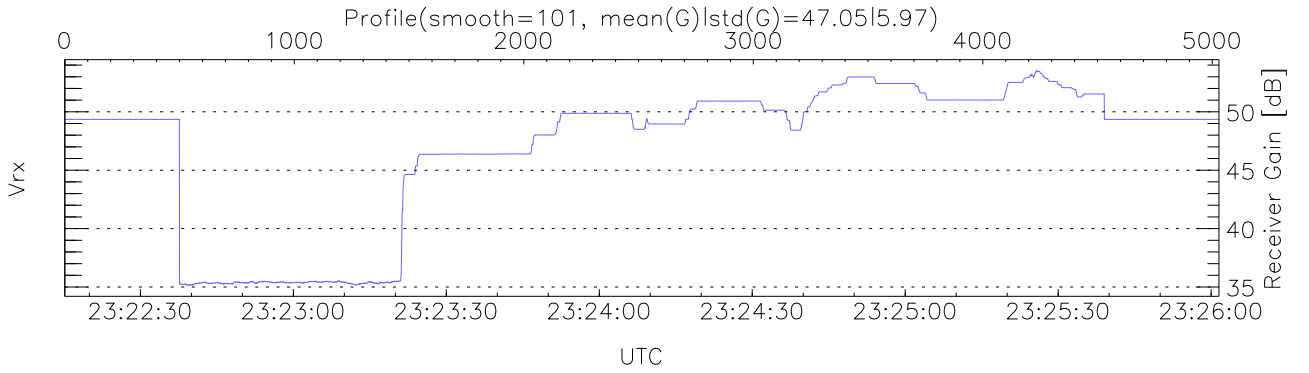
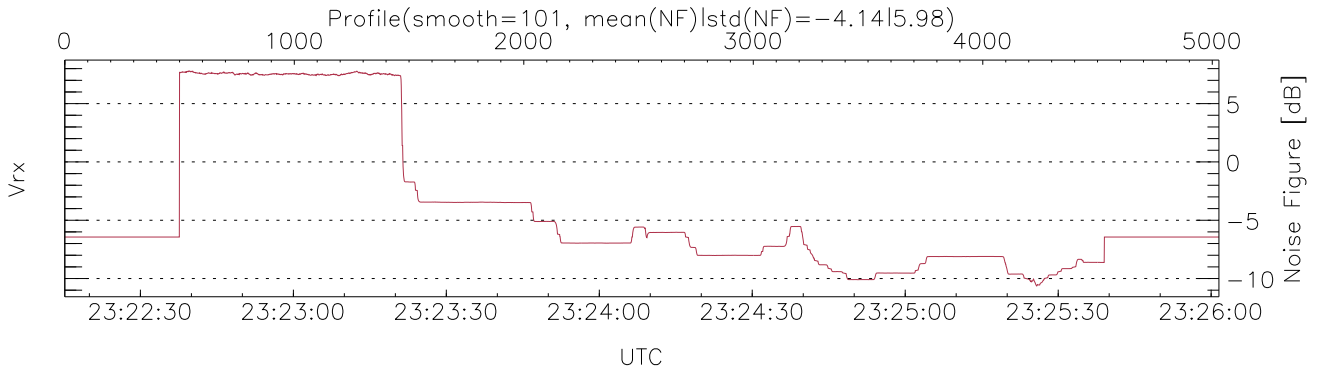
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 23:22:15-23:26:02, TimeCor: 0.00s, Dur: 226.36s  
 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): 5030/5030, 0-5029/23:22:15-23:26:02  
 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



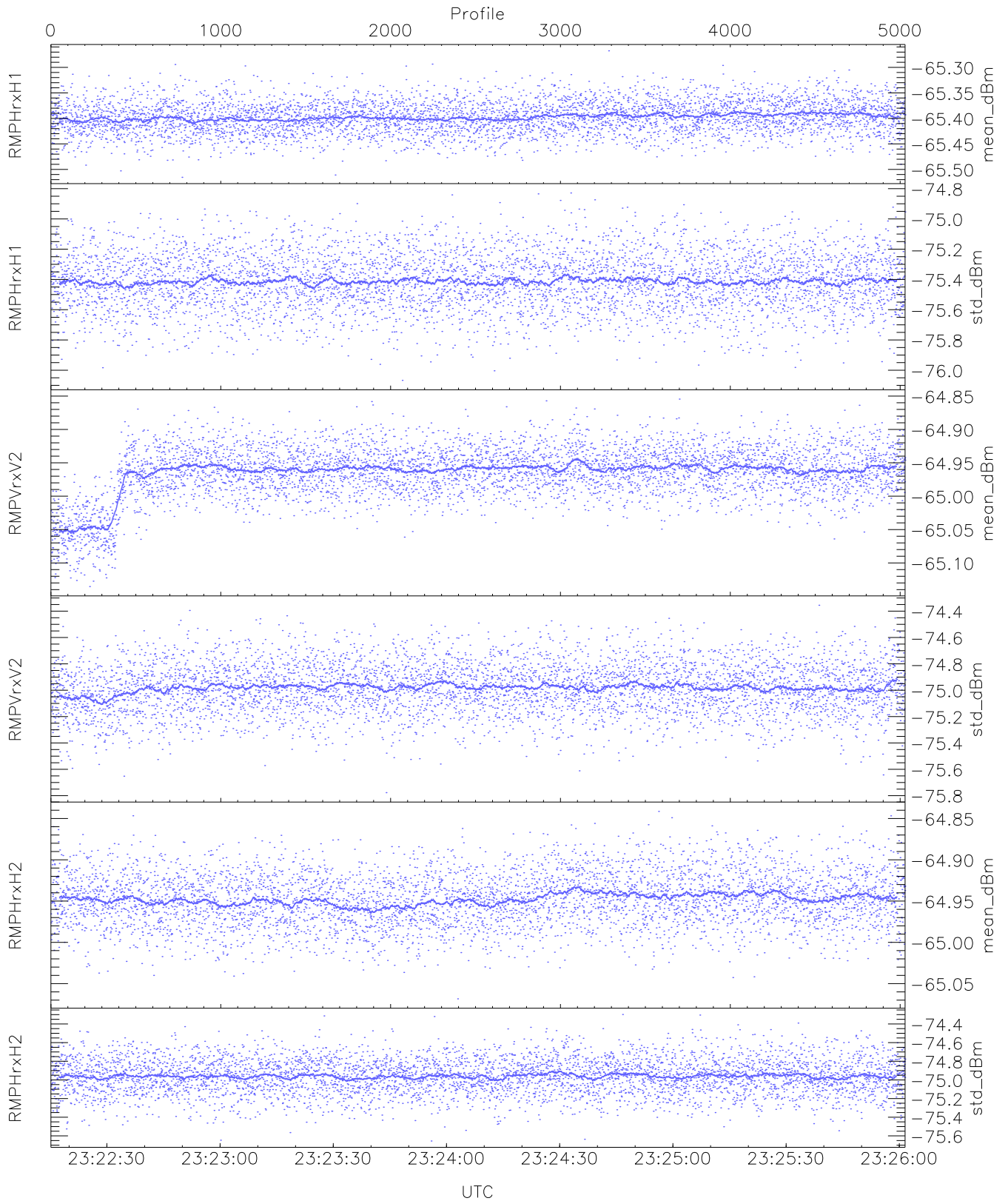
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

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



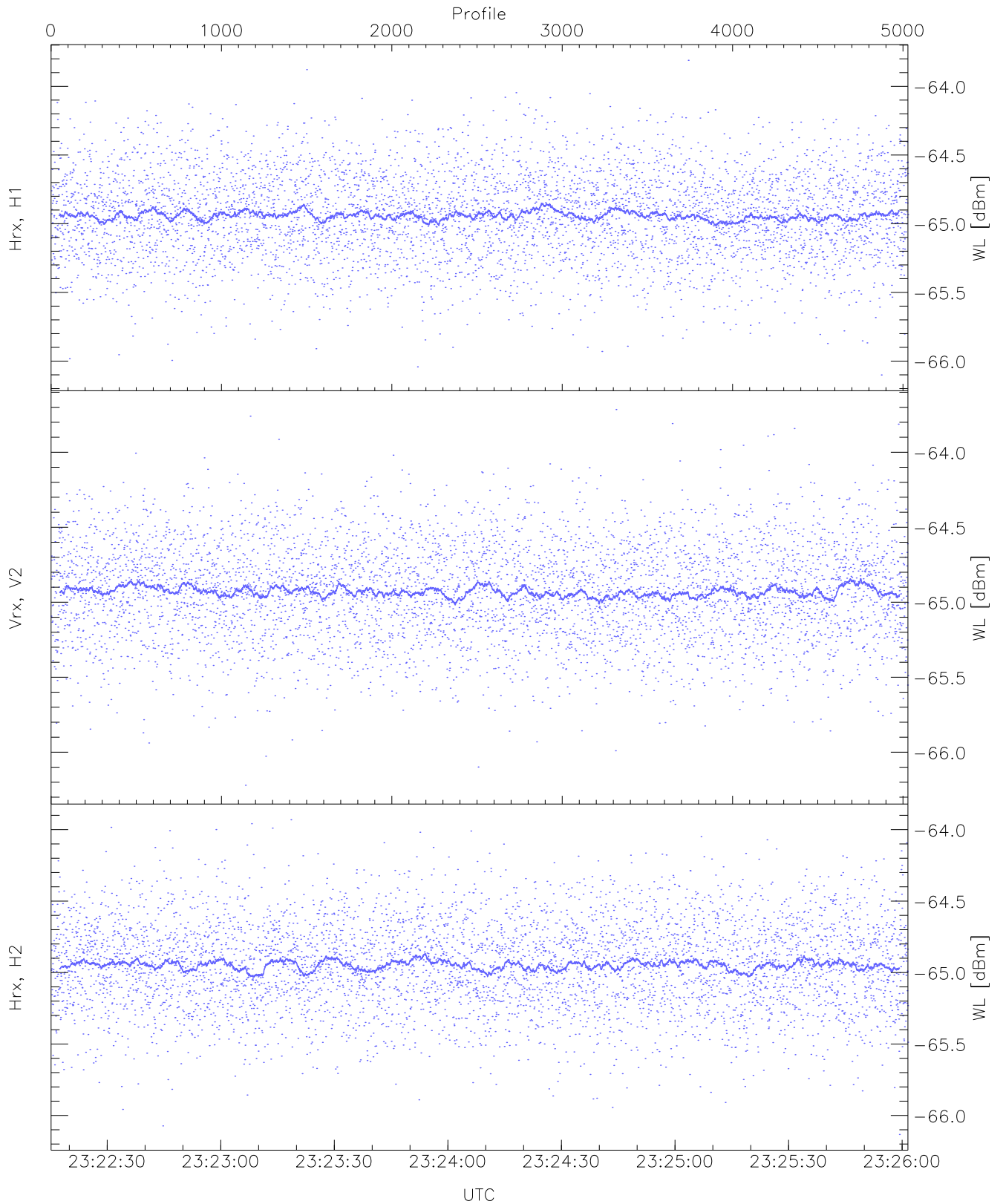
### WCR3 CPP Receivers Gain and Noise Figure

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



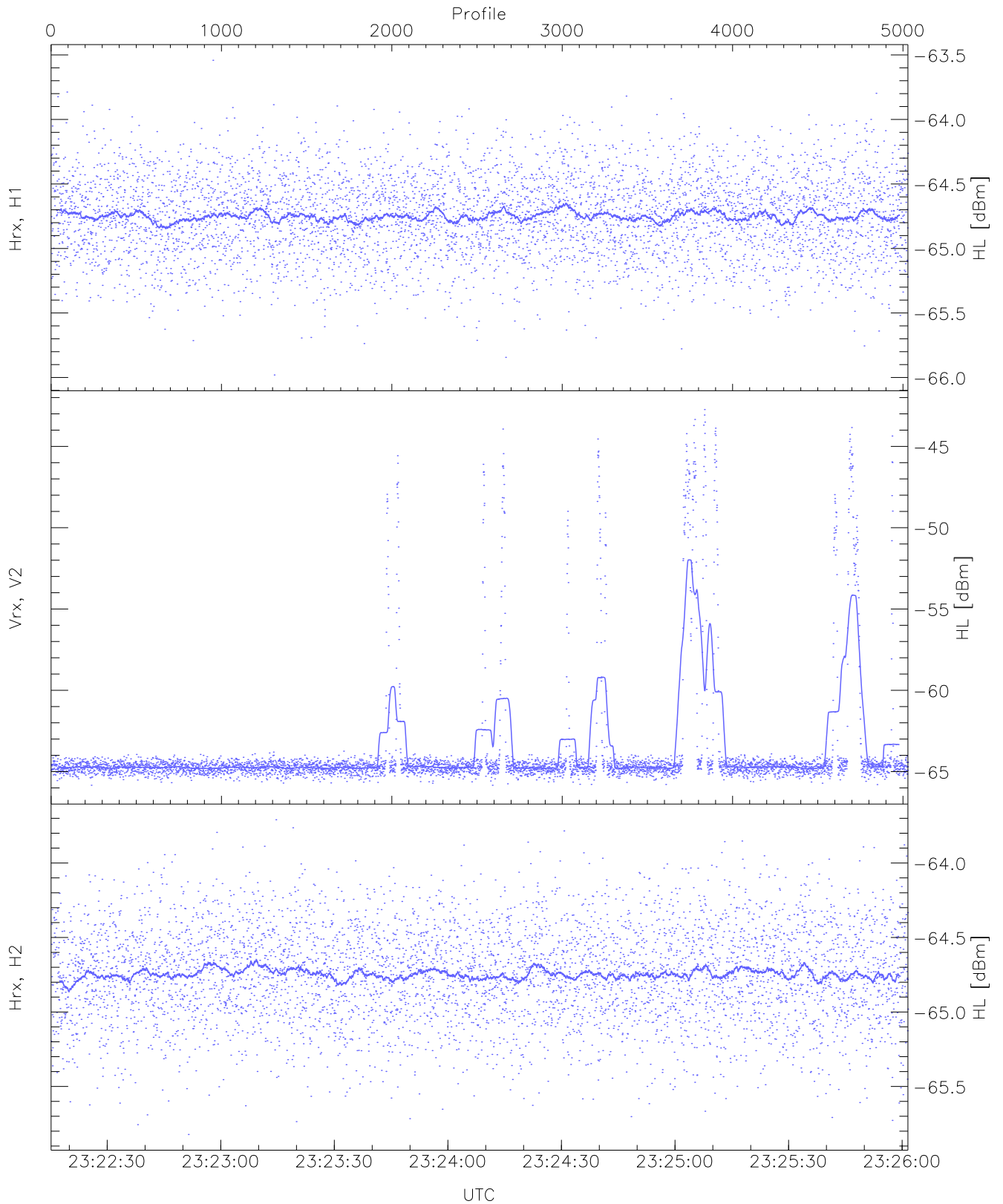
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.52	-65.27	-65.40	-65.40	-86.98
RMPHrxH1 (std_dBm)	-76.07	-74.83	-75.41	-75.41	-89.20
RMPVrxV2 (mean_dBm)	-65.14	-64.85	-64.97	-64.96	-85.47
RMPVrxV2 (std_dBm)	-75.78	-74.36	-74.98	-74.98	-88.69
RMPHrxH2 (mean_dBm)	-65.07	-64.84	-64.95	-64.95	-86.44
RMPHrxH2 (std_dBm)	-75.66	-74.30	-74.96	-74.96	-88.75



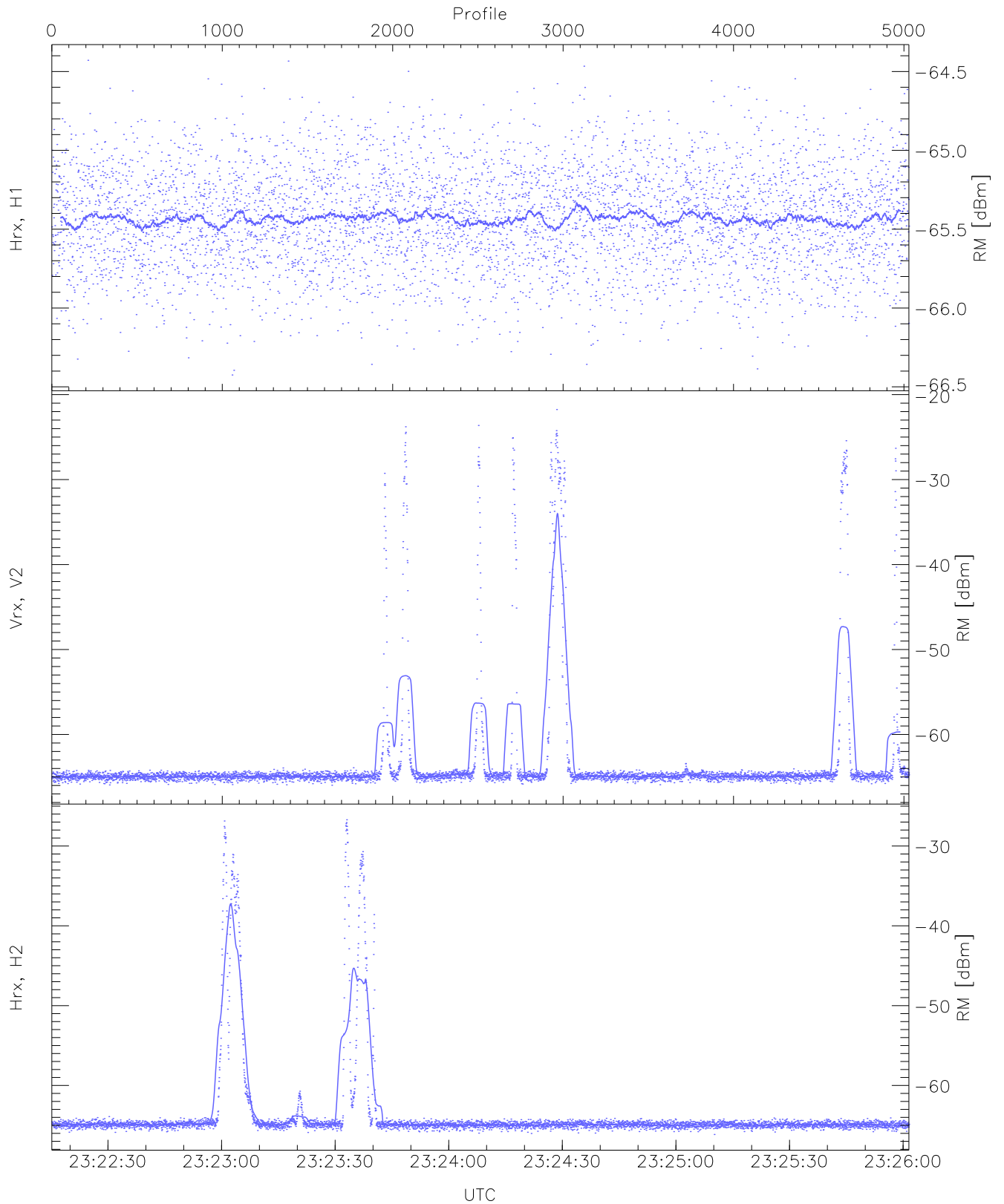
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.10	-63.81	-64.93	-64.94	-76.48
Vrx, V2 (WL [dBm])	-66.22	-63.71	-64.92	-64.93	-76.38
Hrx, H2 (WL [dBm])	-66.13	-63.93	-64.94	-64.95	-76.52



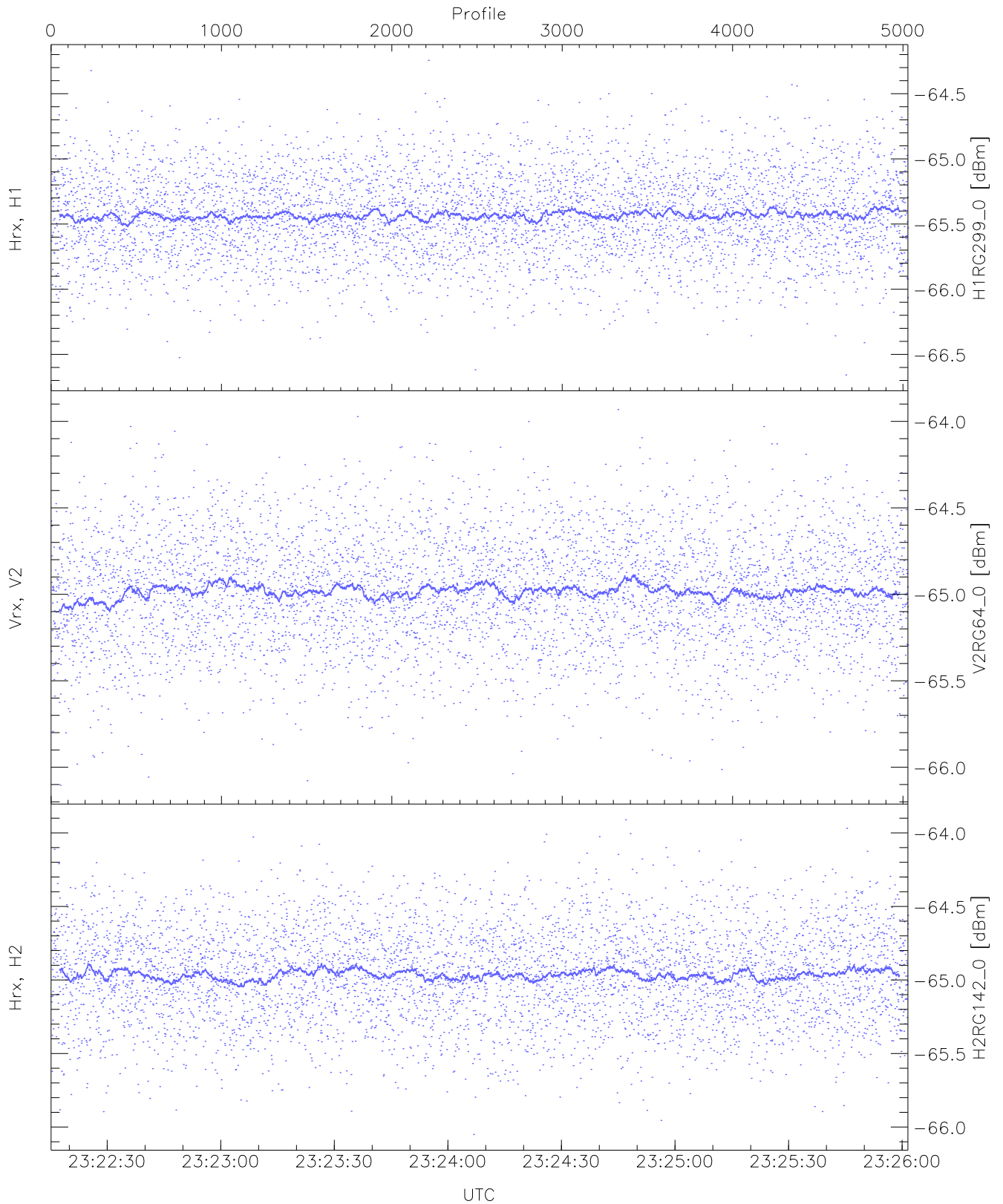
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.98	-63.54	-64.74	-64.74	-76.31
Vrx, V2 (HL [dBm])	-65.84	-42.73	-58.83	-64.69	-53.51
Hrx, H2 (HL [dBm])	-65.82	-63.71	-64.74	-64.74	-76.22



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

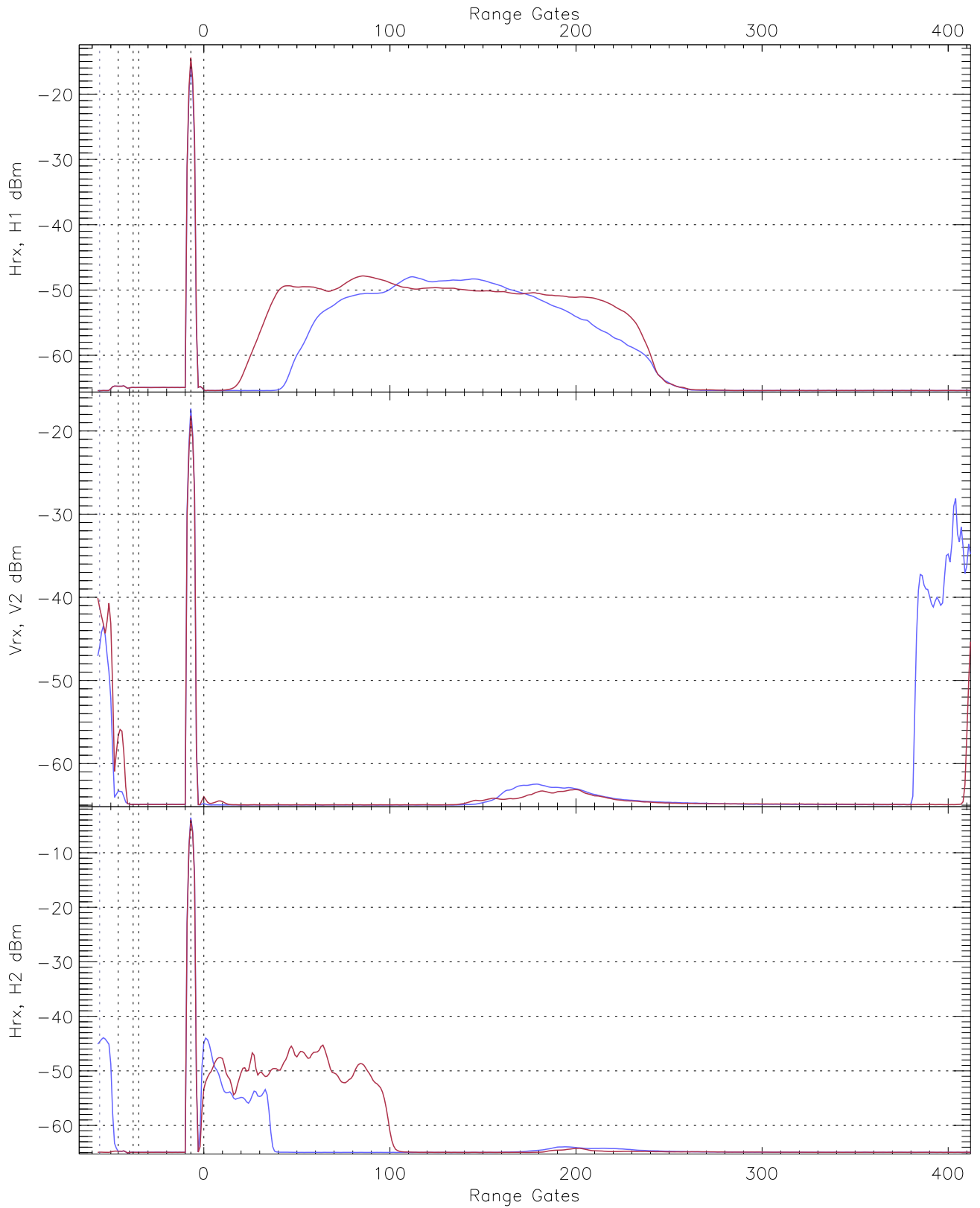
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.42	-64.43	-65.42	-65.43	-77.00
Vrx, V2 (RM [dBm])	-65.98	-21.75	-42.99	-64.87	-35.14
Hrx, H2 (RM [dBm])	-66.14	-26.71	-47.63	-64.87	-39.01



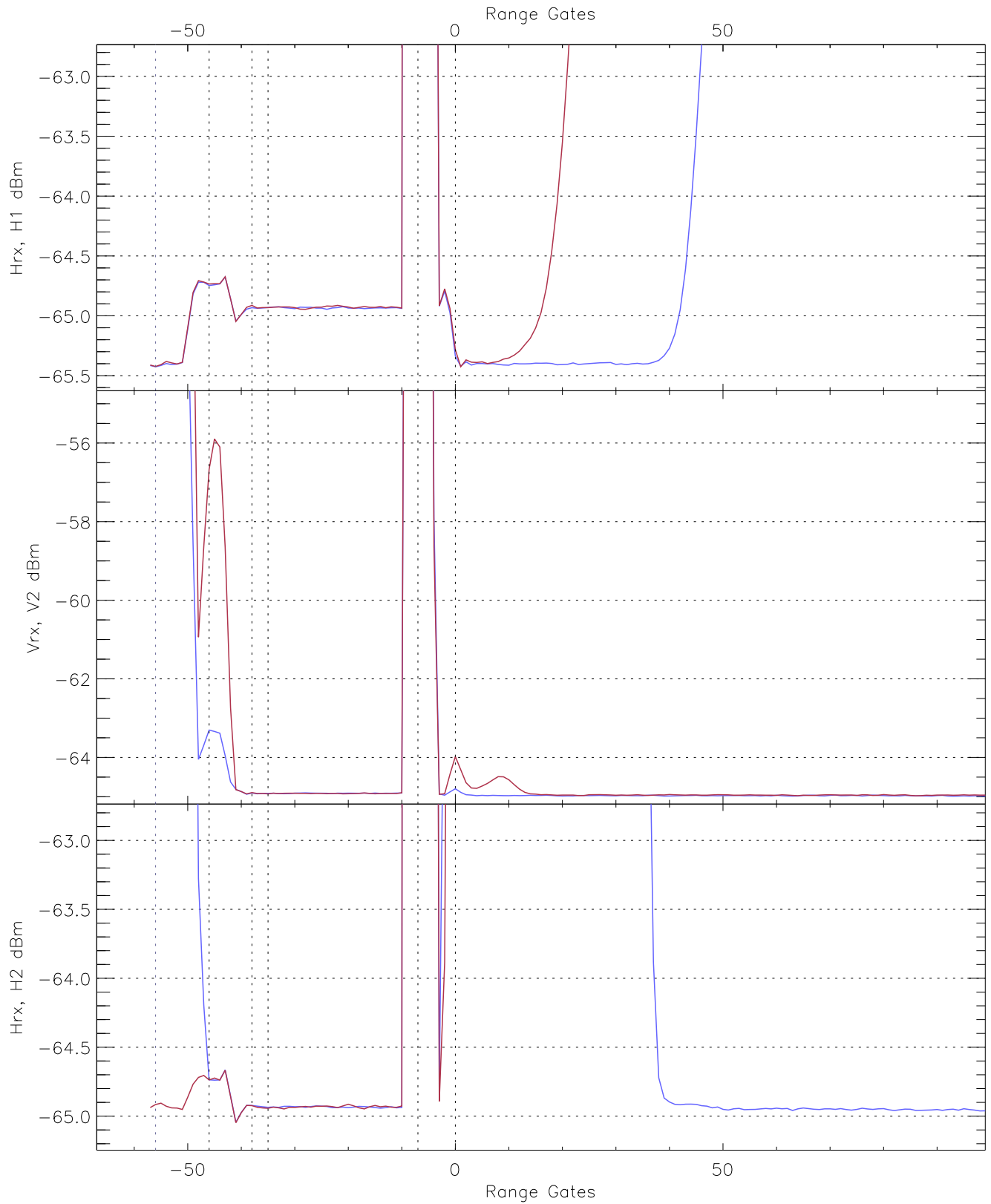
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG299_0 [dBm]	-66.66	-64.24	-65.42	-65.44	-76.87
V2RG64_0 [dBm]	-66.10	-63.93	-64.98	-64.98	-76.50
H2RG142_0 [dBm]	-66.05	-63.91	-64.96	-64.96	-76.50

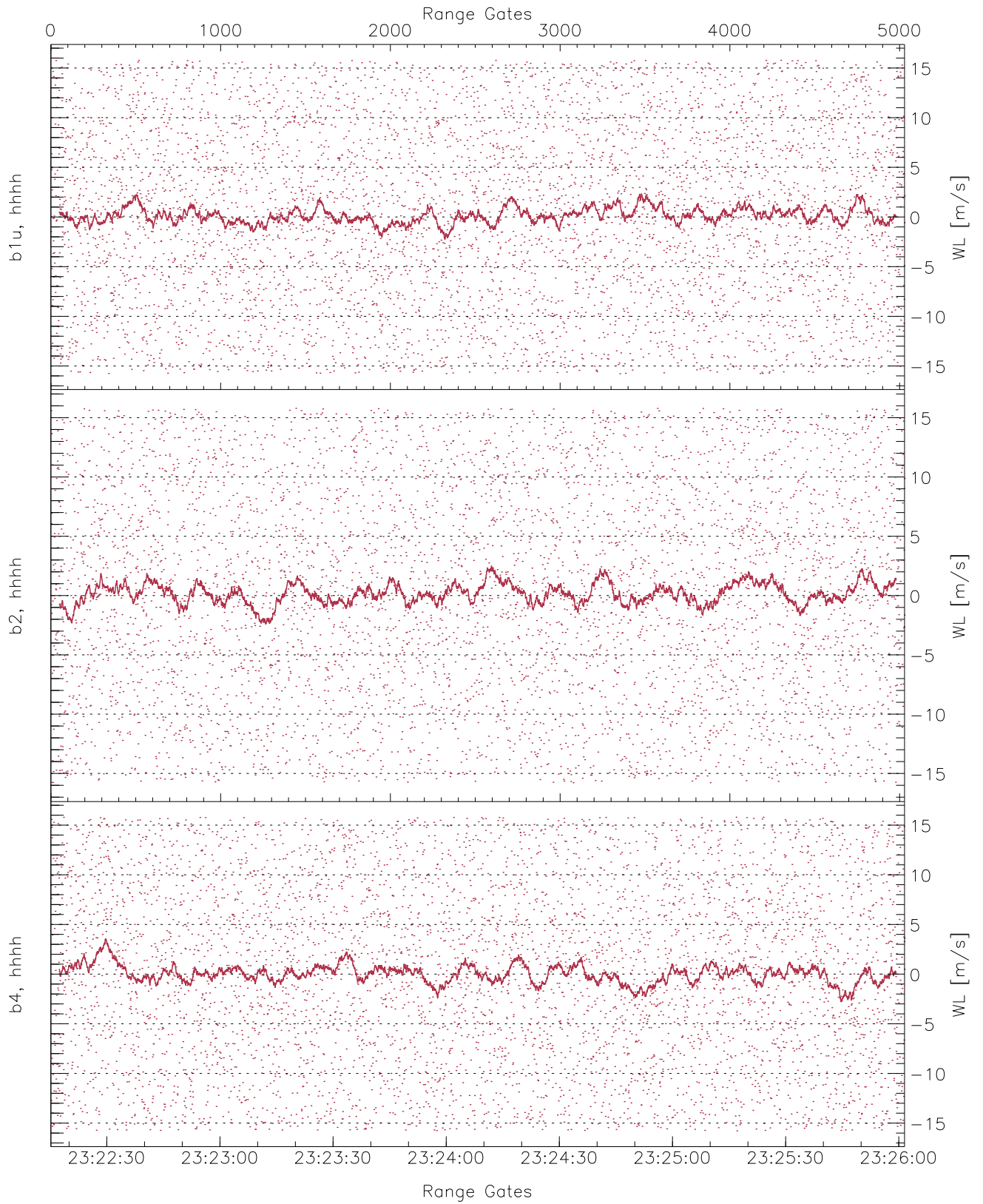




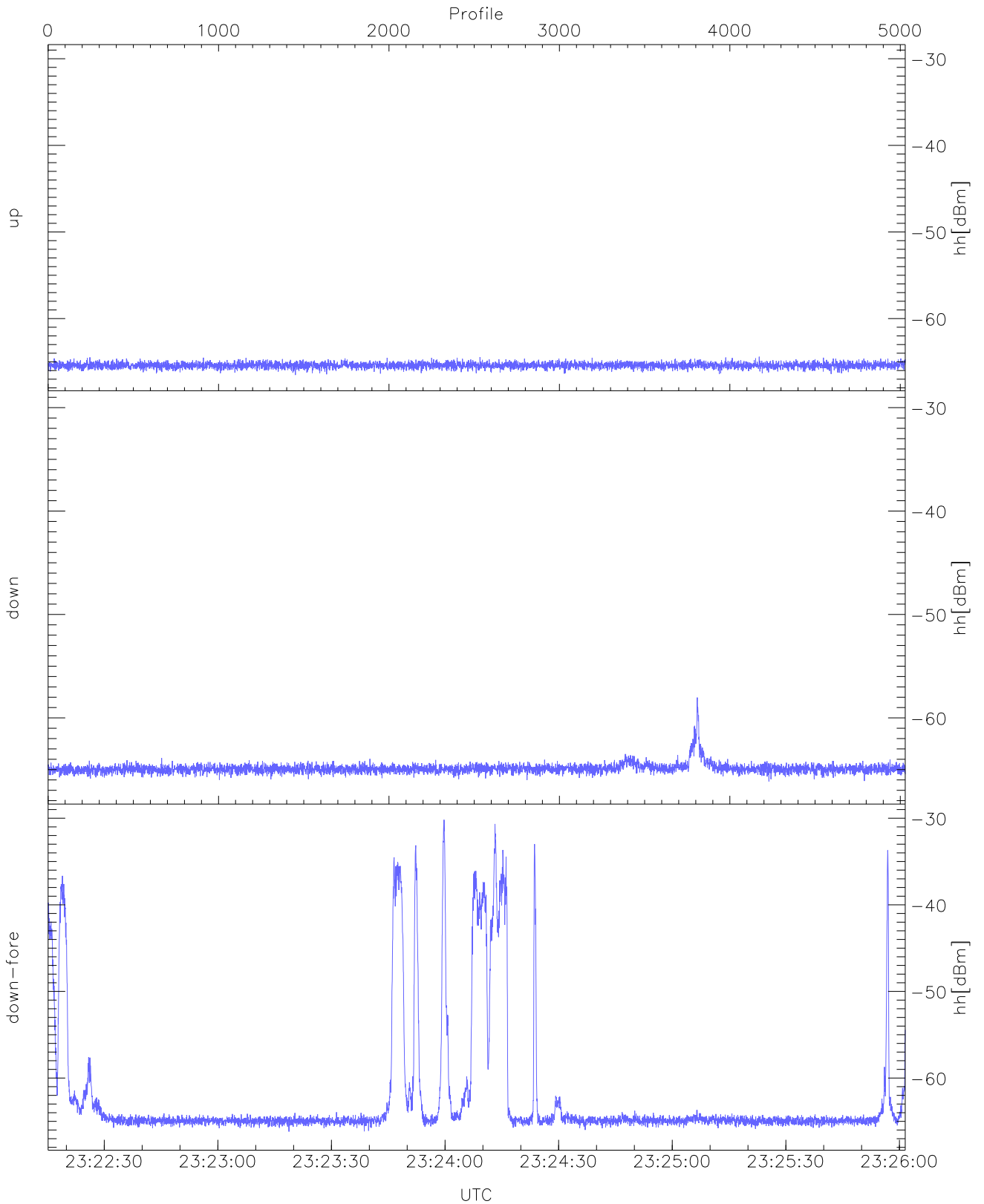
WCR3 CPP Averaged Received power for all recorded gates  
blue: 232215-232408, 2516 profiles averaged  
red: 232408-232602, 2515 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 232215-232408, 2516 profiles averaged  
red: 232408-232602, 2515 profiles averaged

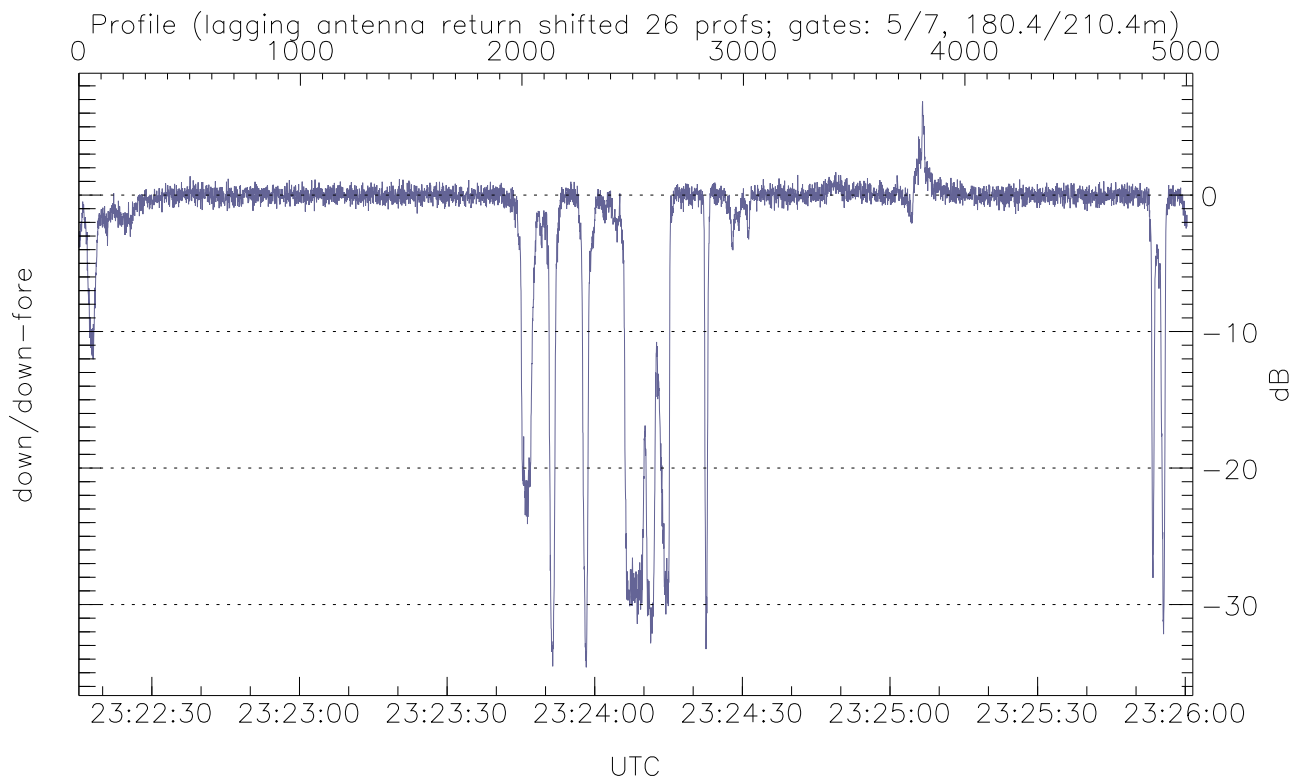
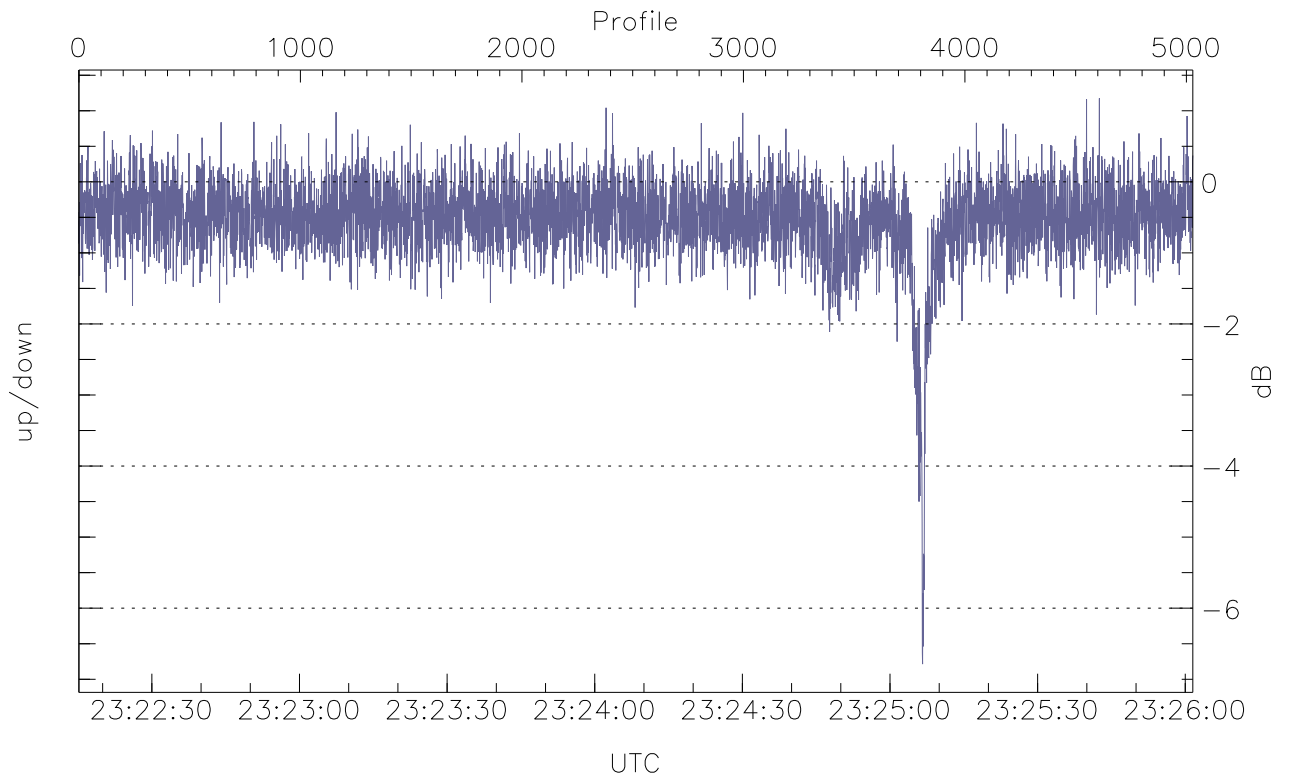


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



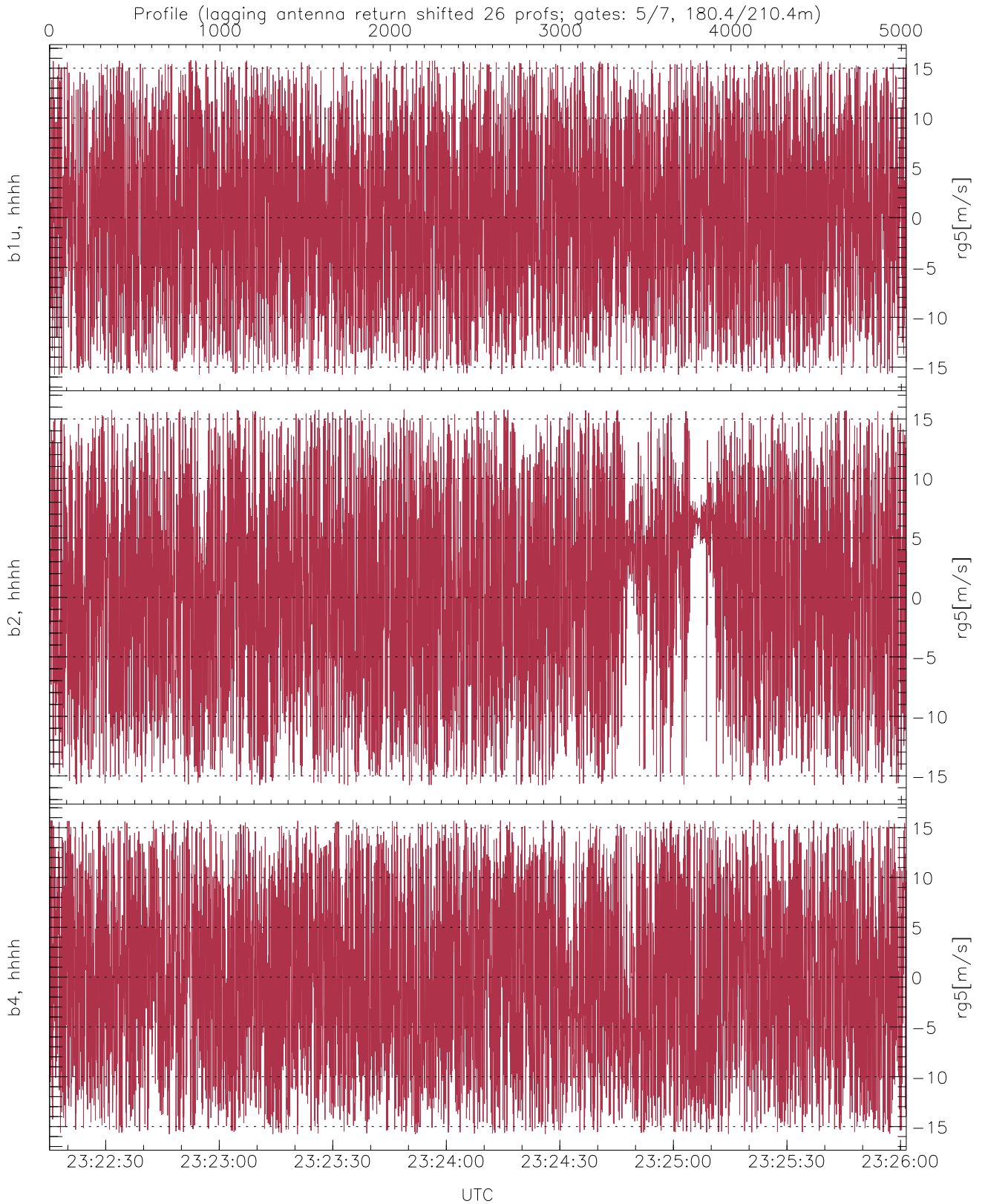
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.51	-64.41	-65.39
down(hh[dBm])	-66.14	-58.03	-64.84
down-fore(hh[dBm])	-66.18	-30.18	-48.82



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

	Min	Max	Mean
up/down (dB)	-6.79	1.18	-0.52
down/down-fore (dB)	-34.60	6.85	-2.12



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.77	15.79	-0.06	8.69
b2, hhhh(rg5[m/s])	-15.78	15.79	0.52	8.49
b4, hhhh(rg5[m/s])	-15.77	15.79	-0.30	8.96