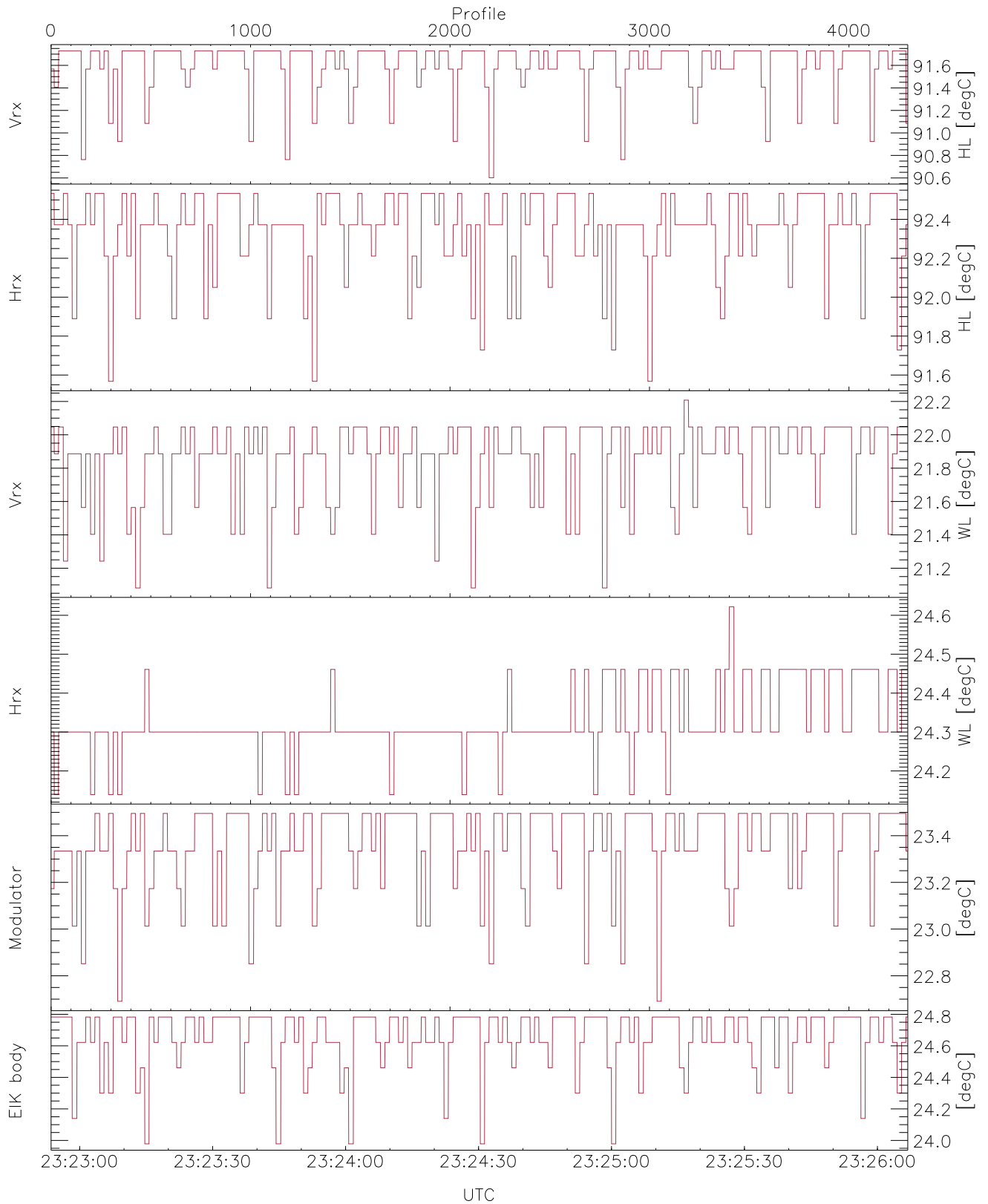


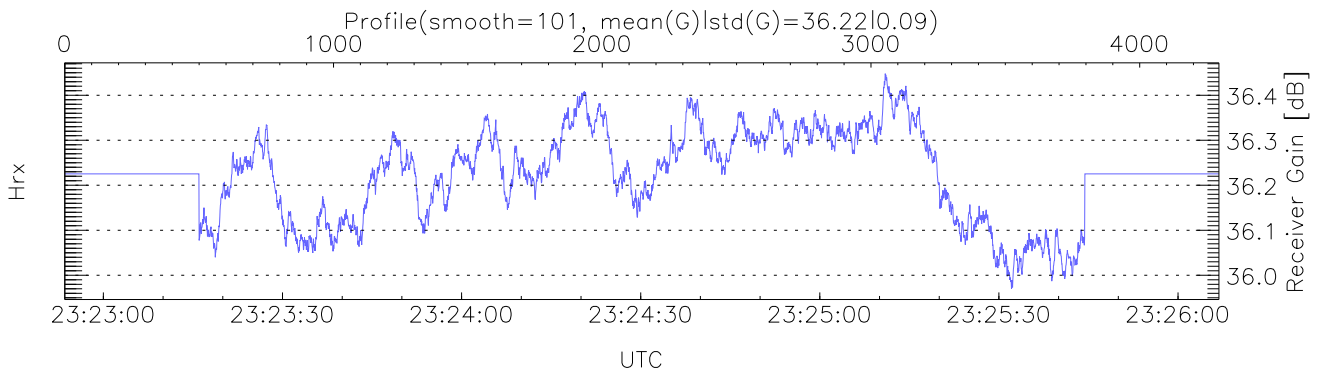
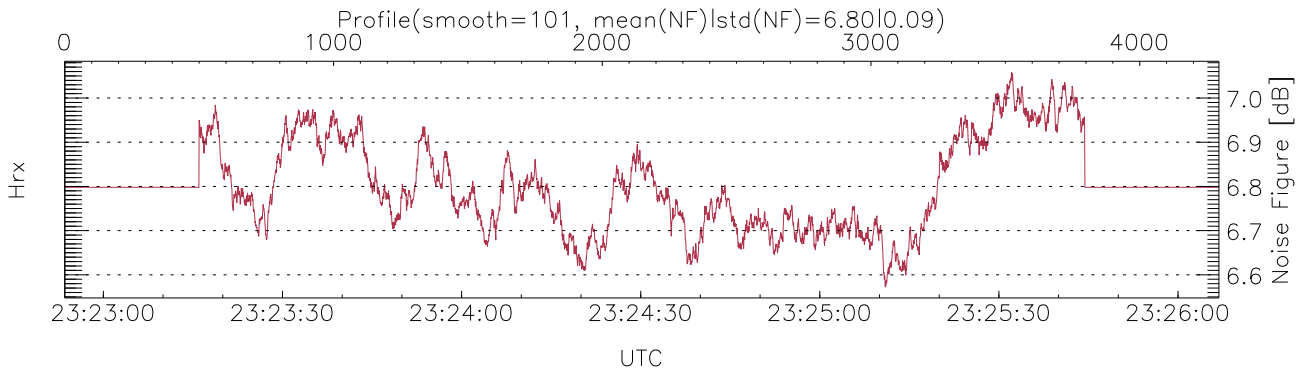
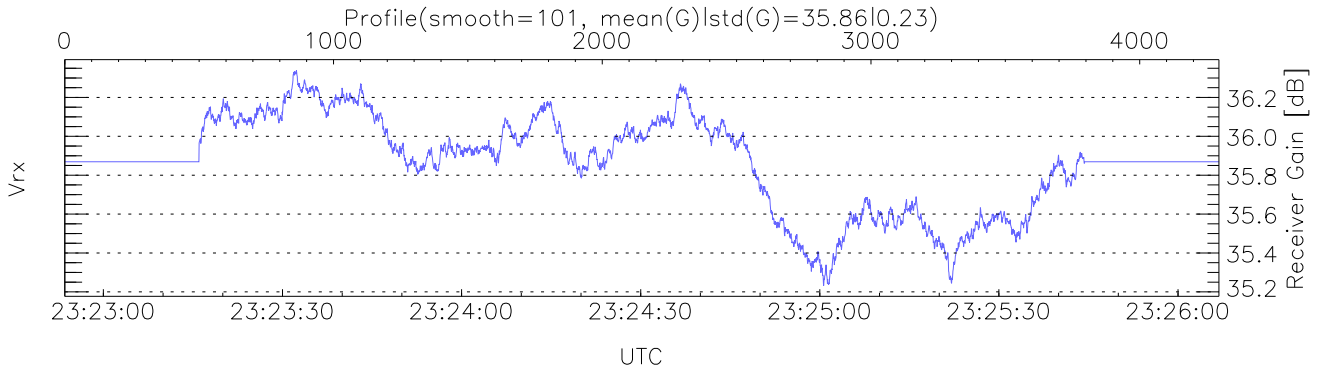
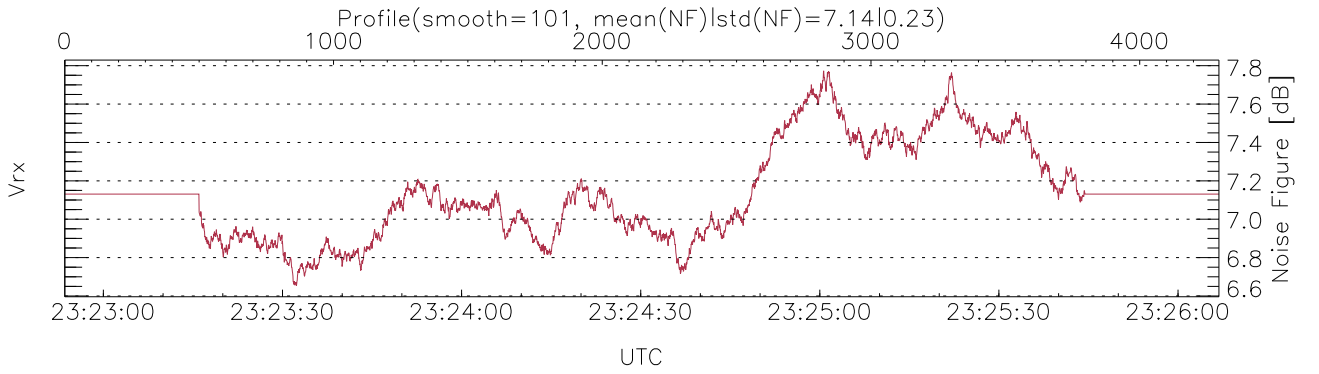
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 23:22:54-23:26:07, TimeCor: 0.00s, Dur: 193.32s
 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): 4296/4296, 0-4295/23:22:54-23:26:07
 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



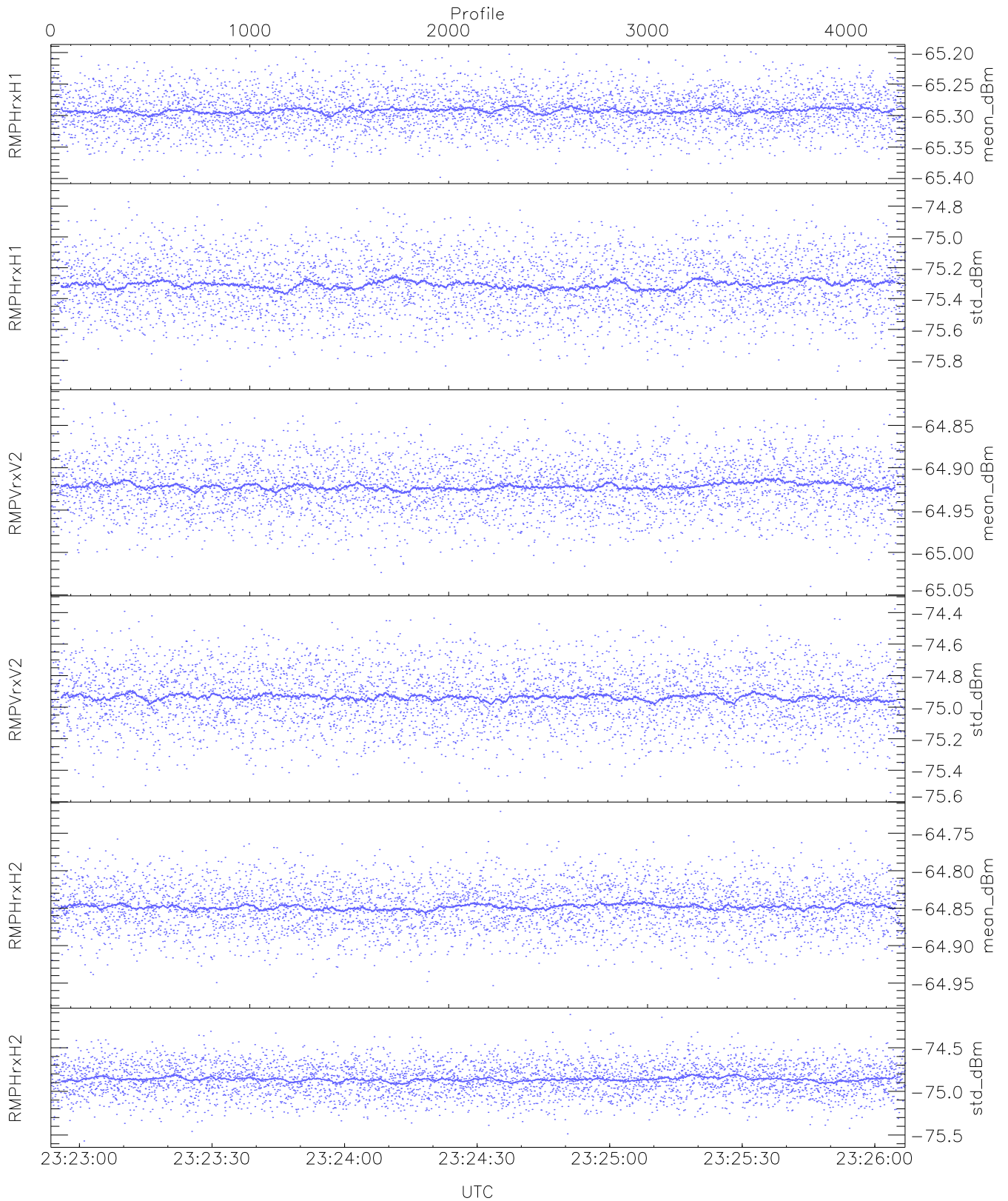
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,21,24,22,23`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,22,24,23,24`
`LOalarm(20,240,2817,14861 MHz): 0,0,48,0`
`EIK/Modulator Faults: None`



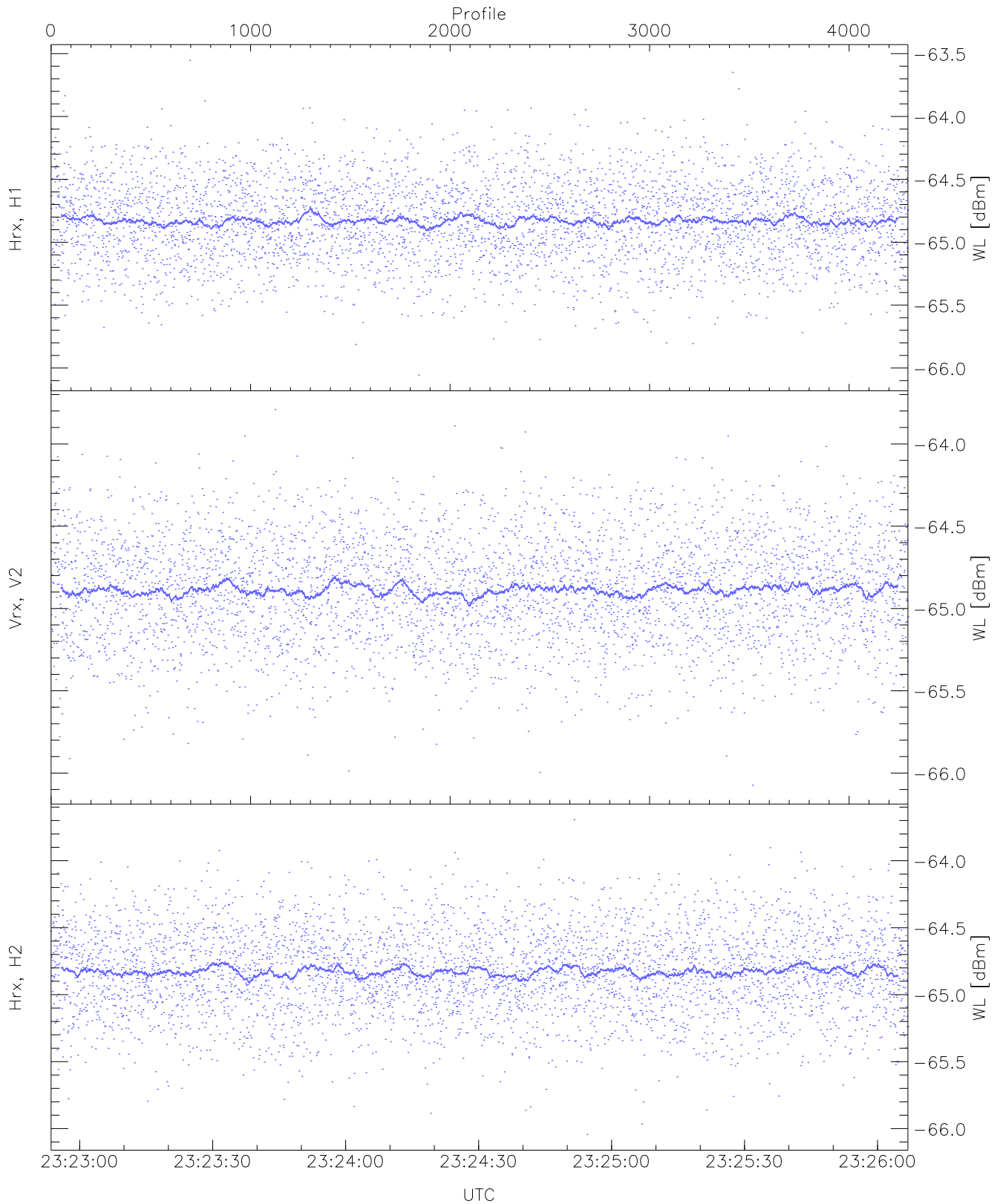
WCR3 CPP Receivers Gain and Noise Figure

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



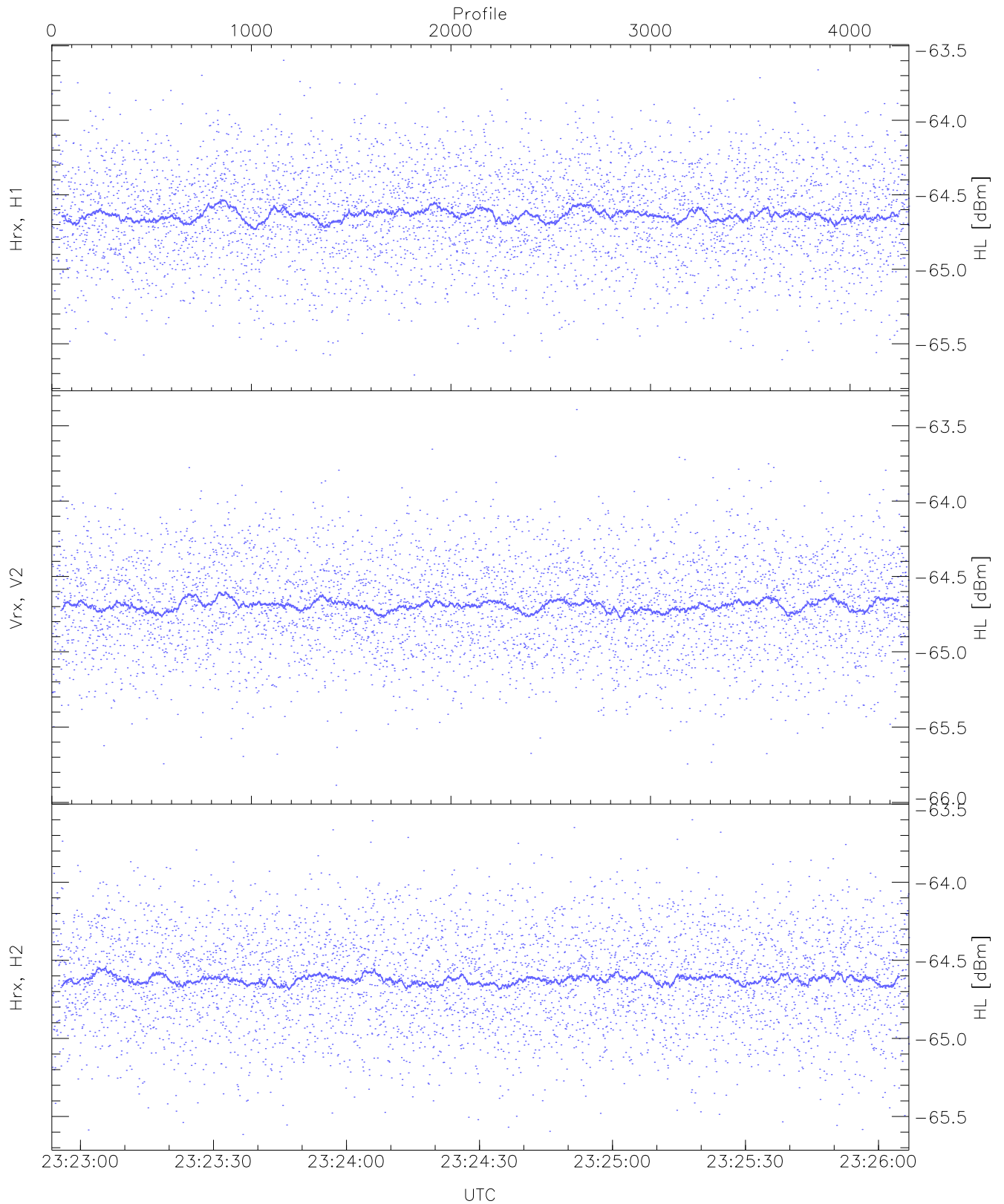
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.40	-65.20	-65.29	-65.29	-86.89
RMPHrxH1 (std_dBm)	-75.93	-74.72	-75.31	-75.31	-89.16
RMPVrxV2 (mean_dBm)	-65.04	-64.82	-64.92	-64.92	-86.49
RMPVrxV2 (std_dBm)	-75.54	-74.35	-74.94	-74.94	-88.87
RMPHrxH2 (mean_dBm)	-64.97	-64.72	-64.85	-64.85	-86.49
RMPHrxH2 (std_dBm)	-75.57	-74.12	-74.86	-74.86	-88.68



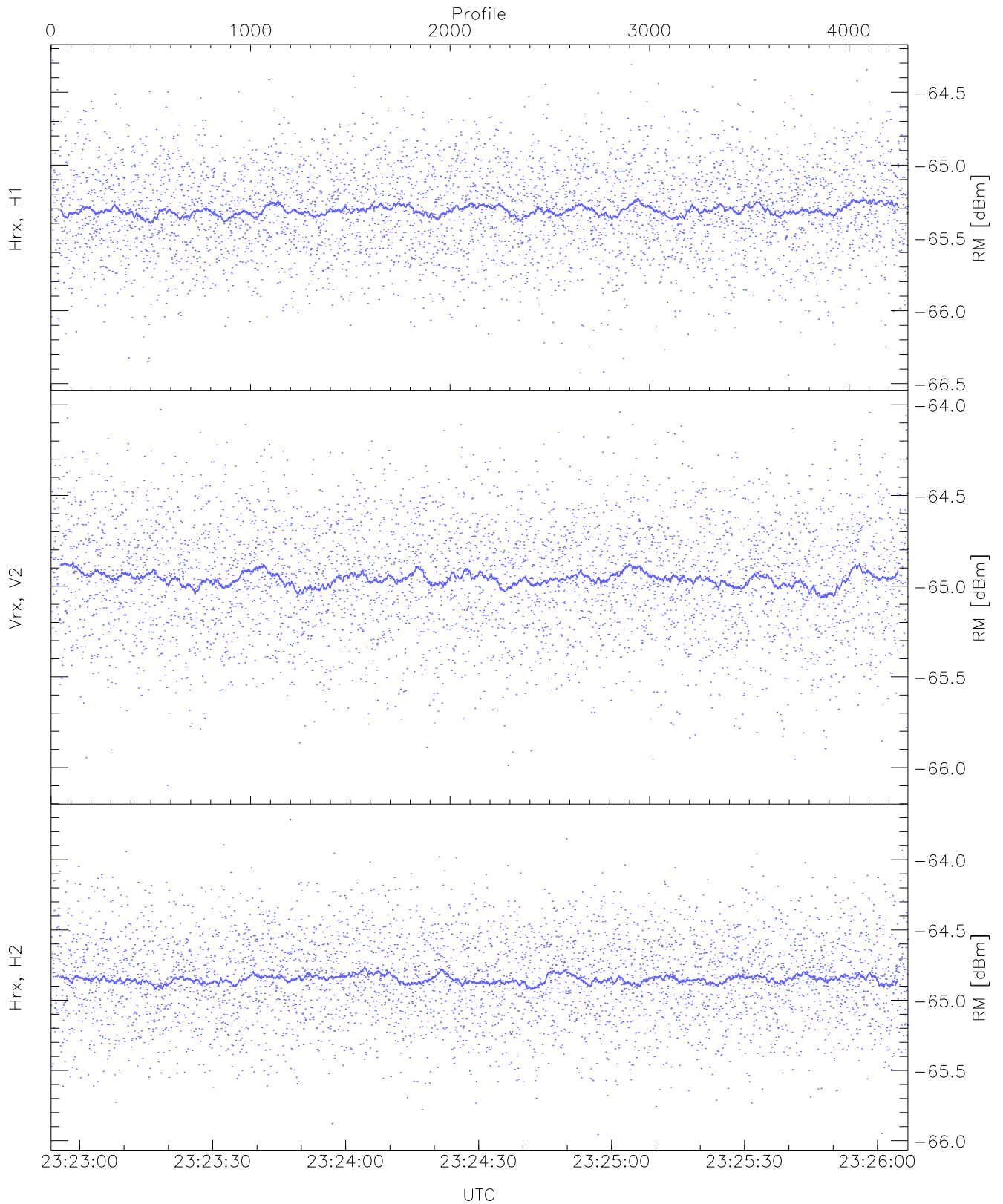
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.06	-63.55	-64.82	-64.83	-76.32
Vrx, V2 (WL [dBm])	-66.07	-63.79	-64.88	-64.88	-76.42
Hrx, H2 (WL [dBm])	-66.04	-63.69	-64.82	-64.83	-76.32



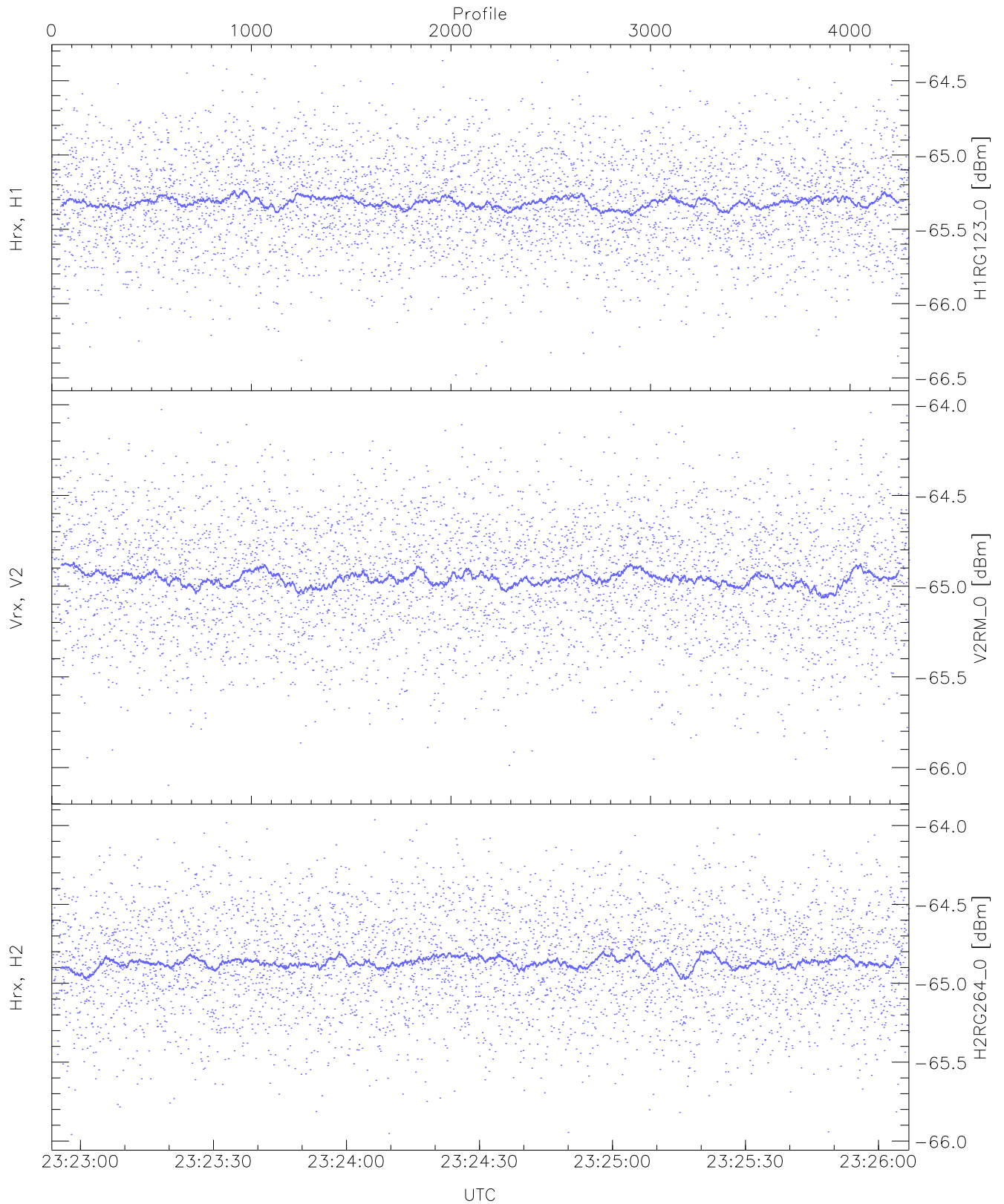
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.71	-63.60	-64.63	-64.63	-76.09
Vrx, V2 (HL [dBm])	-65.89	-63.39	-64.68	-64.70	-76.20
Hrx, H2 (HL [dBm])	-65.62	-63.60	-64.61	-64.62	-76.14



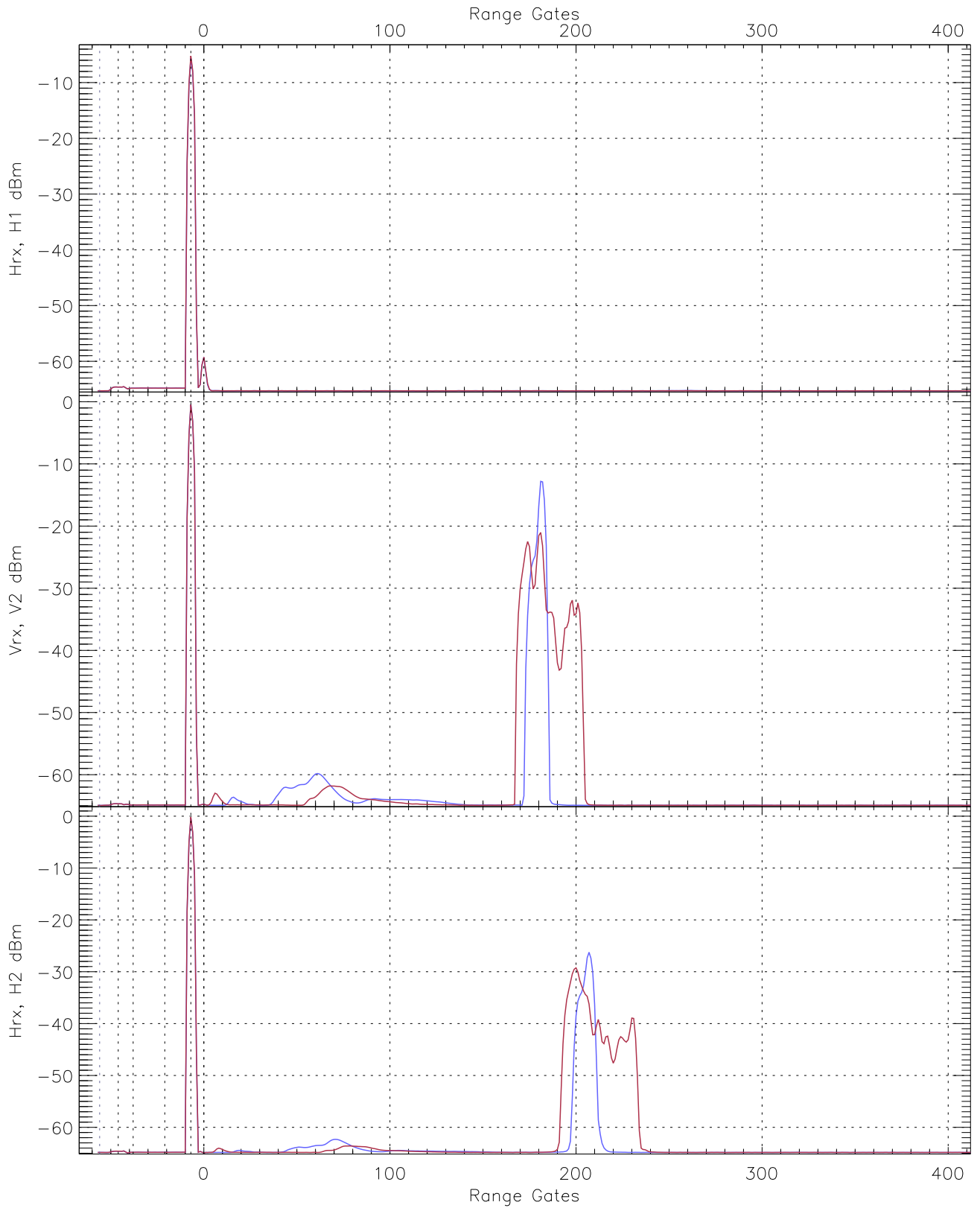
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.44	-64.28	-65.30	-65.31	-76.86
Vrx, V2 (RM [dBm])	-66.10	-64.03	-64.95	-64.95	-76.43
Hrx, H2 (RM [dBm])	-65.96	-63.72	-64.84	-64.84	-76.35

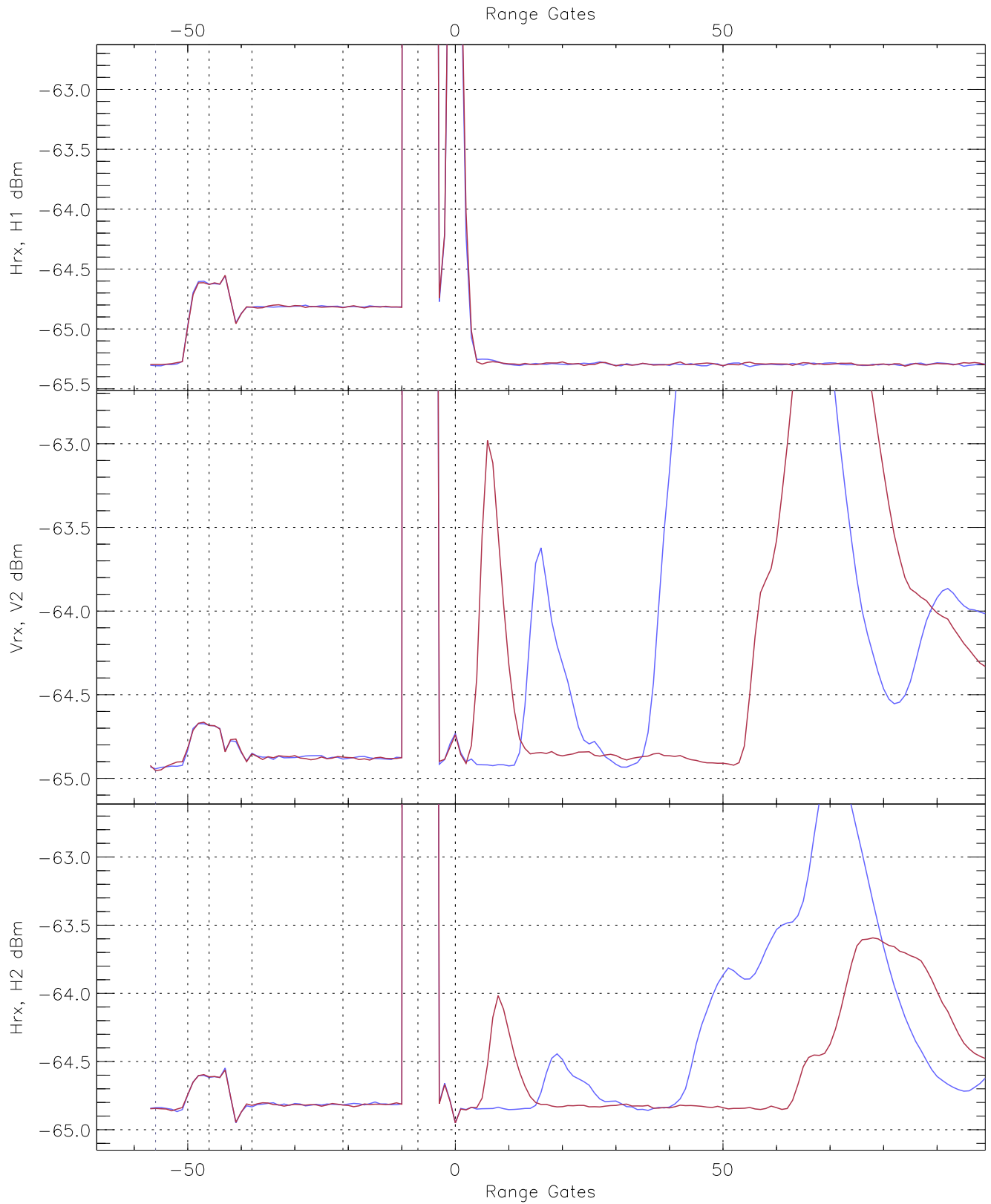


WCR3 CPP "Best" estimate Receivers Noise Power

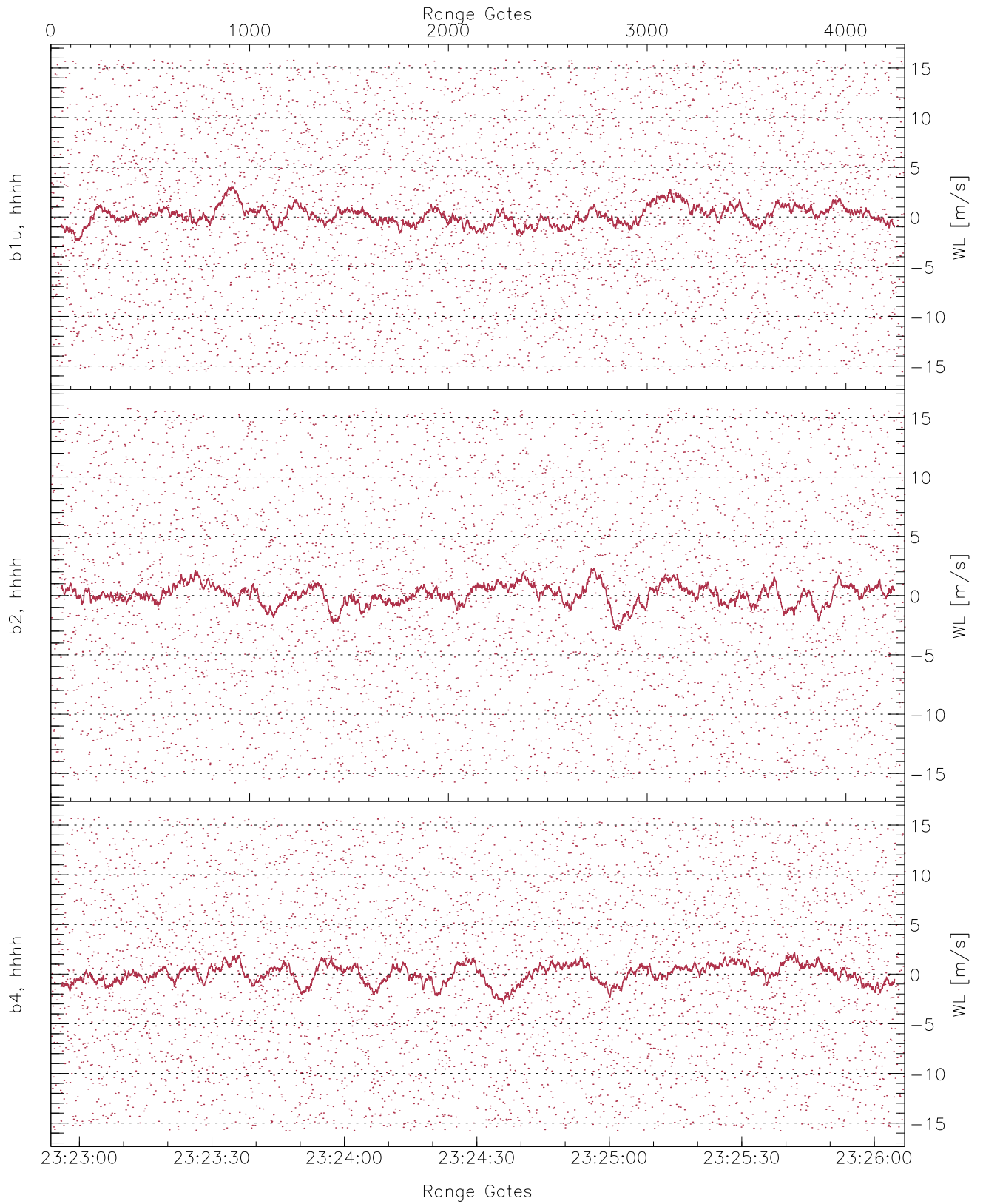
	Min	Max	Mean	Median	StDev
H1RG123_0 [dBm]	-66.48	-64.36	-65.31	-65.32	-76.82
V2RM_0 [dBm]	-66.10	-64.03	-64.95	-64.95	-76.43
H2RG264_0 [dBm]	-65.96	-63.96	-64.86	-64.87	-76.37



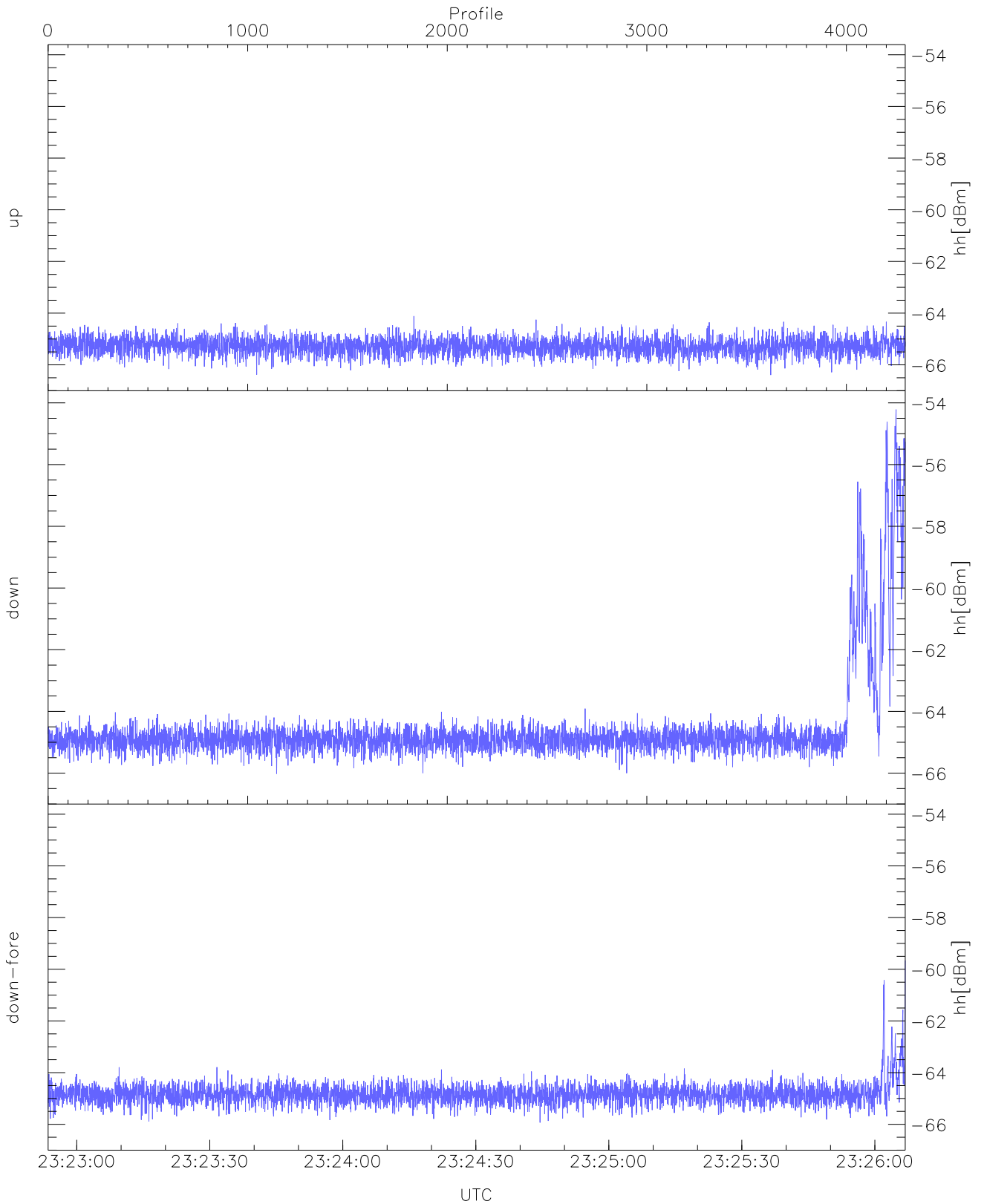
WCR3 CPP Averaged Received power for all recorded gates
blue: 232254-232430, 2149 profiles averaged
red: 232430-232607, 2148 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 232254-232430, 2149 profiles averaged
red: 232430-232607, 2148 profiles averaged

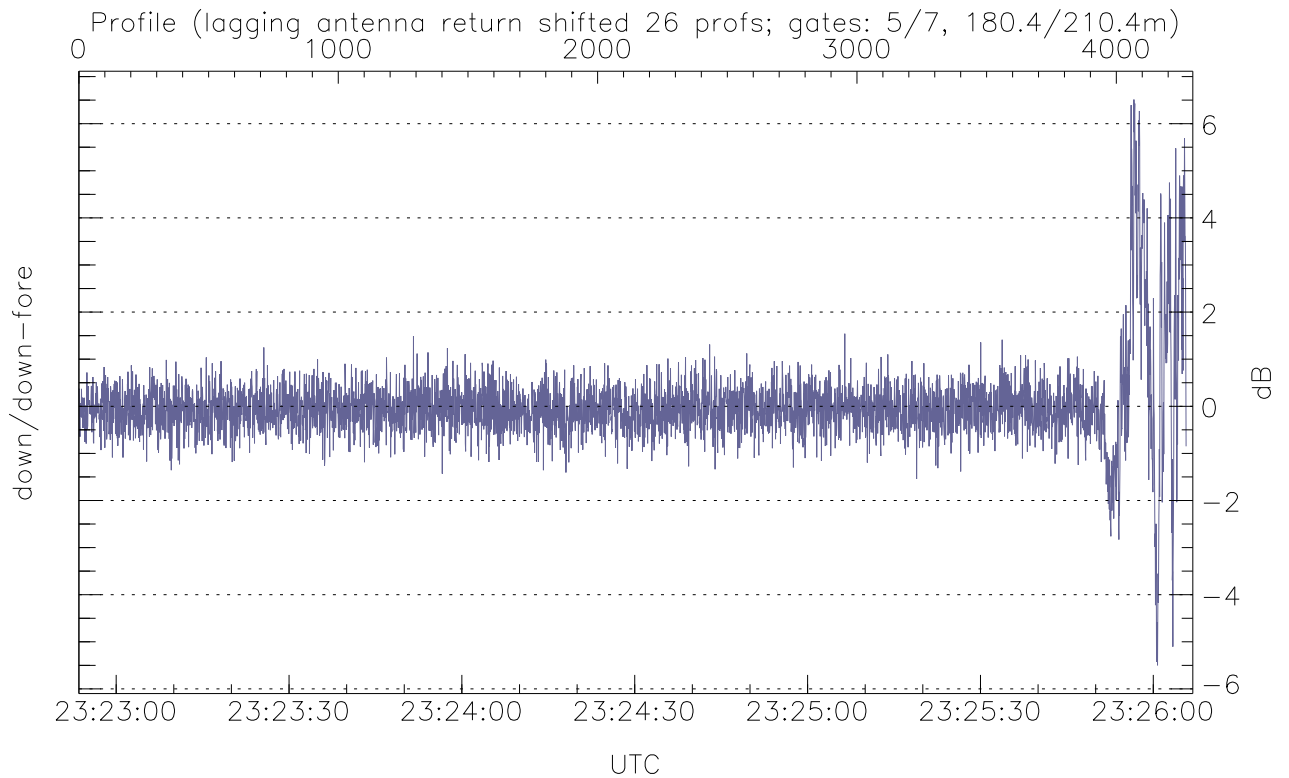
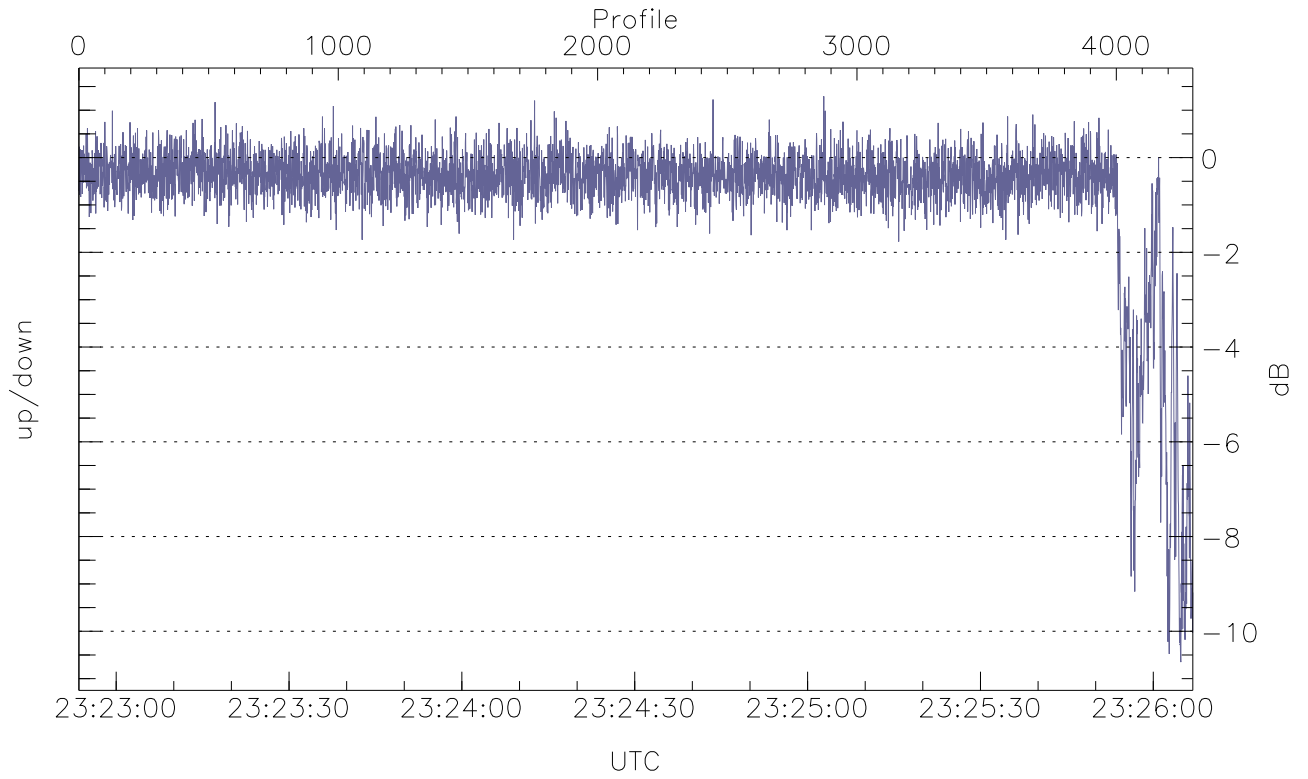


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



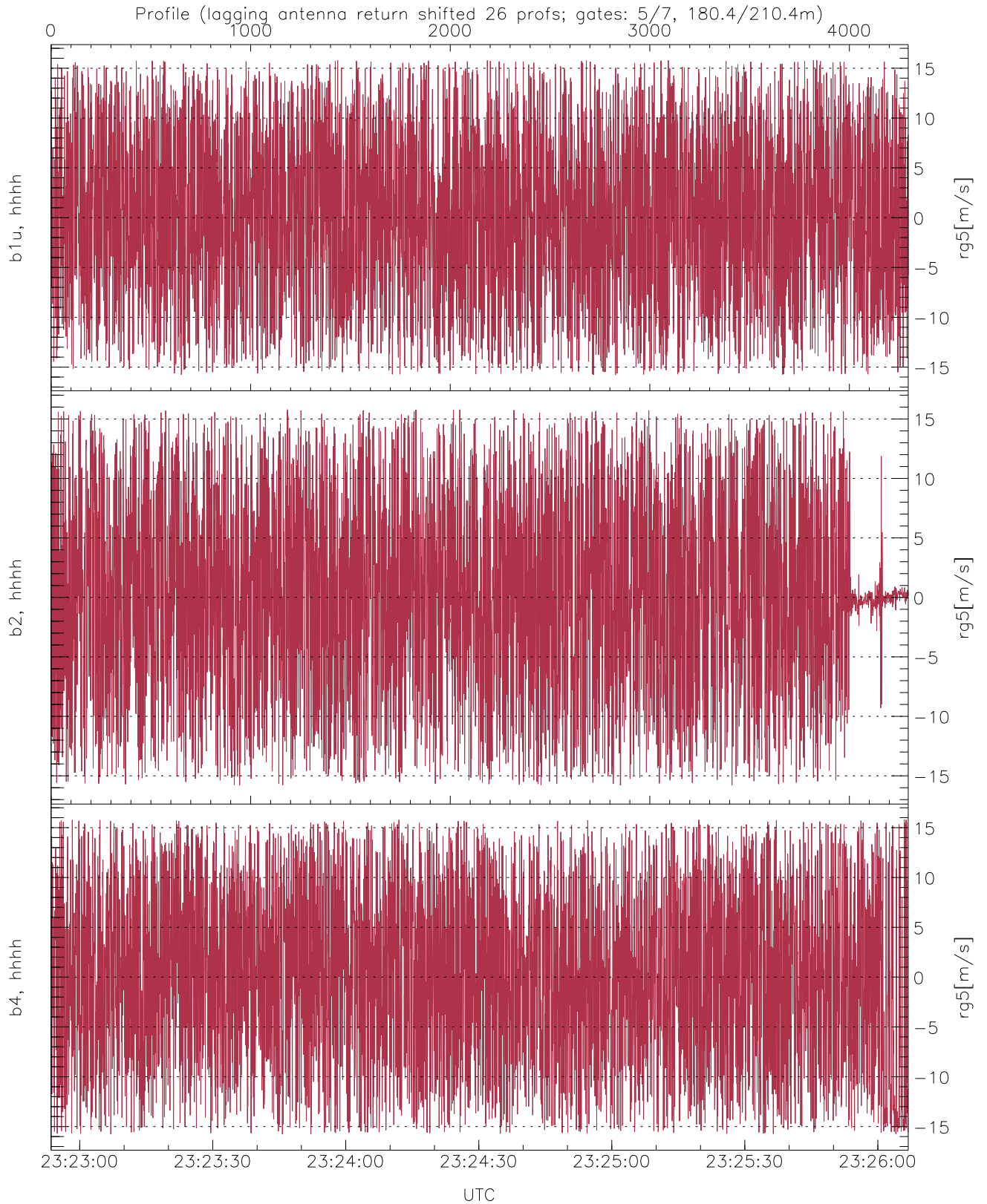
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.39	-64.11	-65.27
down(hh[dBm])	-66.02	-54.22	-64.18
down-fore(hh[dBm])	-65.93	-59.66	-64.81



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

	Min	Max	Mean
up/down (dB)	-10.65	1.29	-0.69
down/down-fore (dB)	-5.50	6.51	0.00



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	0.17	8.59
b2, hhhh(rg5[m/s])	-15.78	15.79	0.15	8.25
b4, hhhh(rg5[m/s])	-15.76	15.79	-0.08	8.92