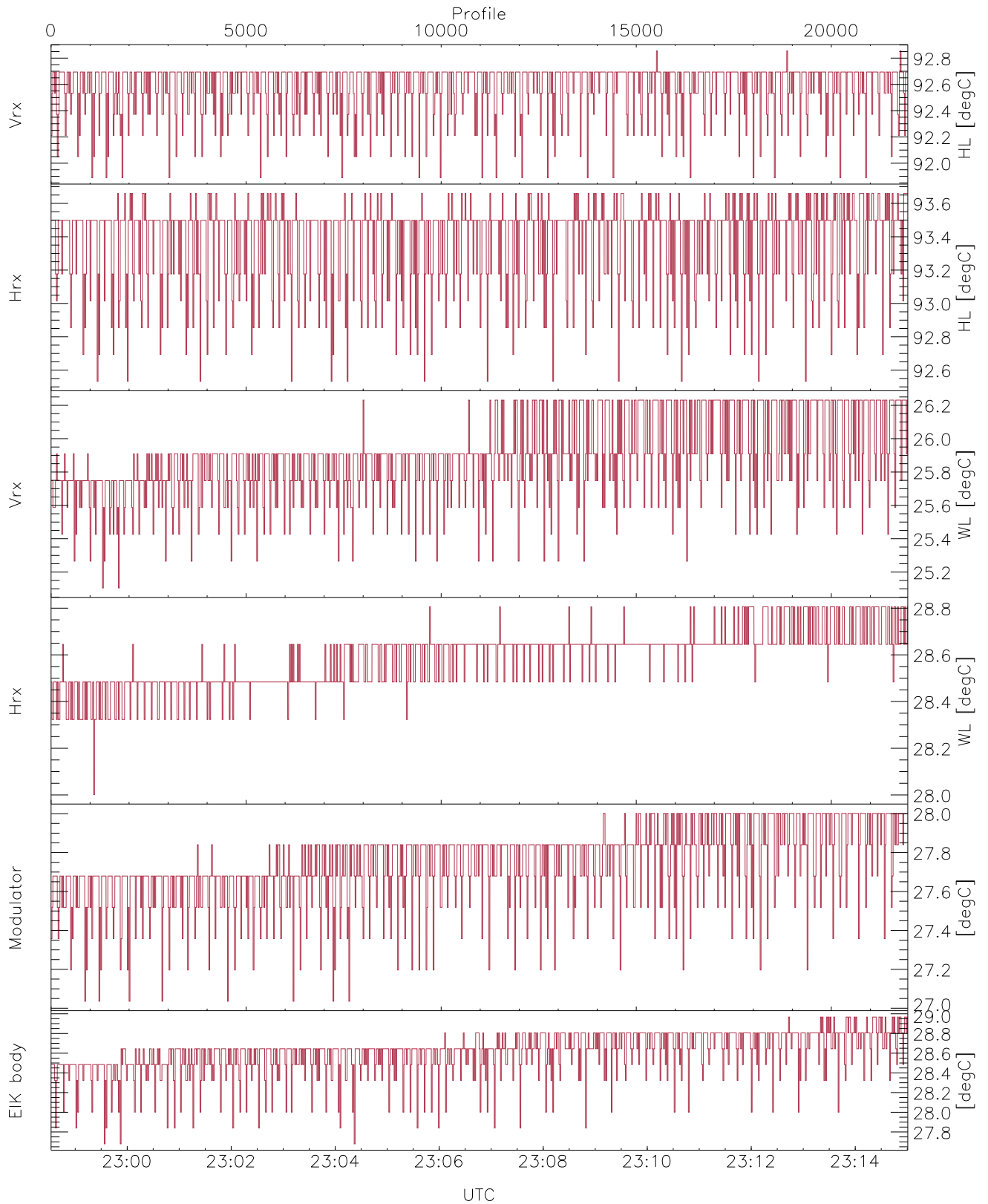




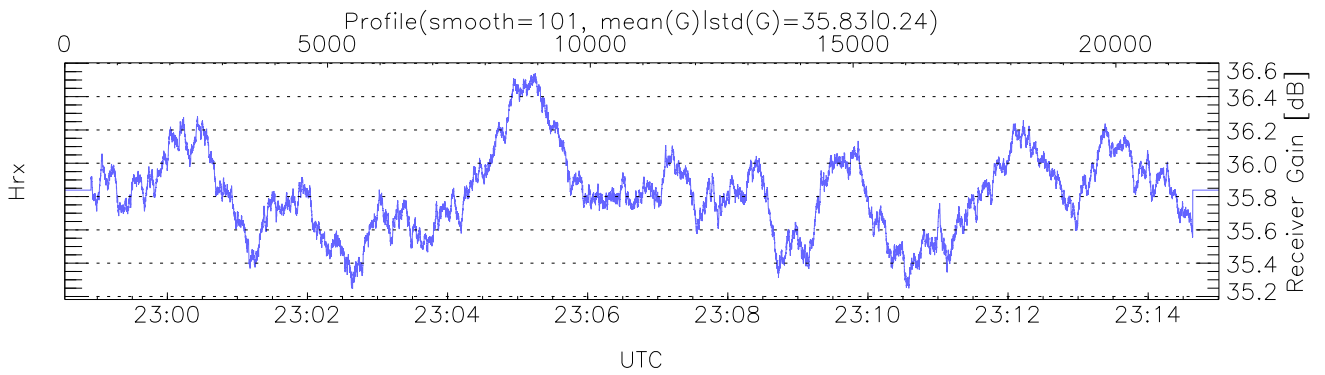
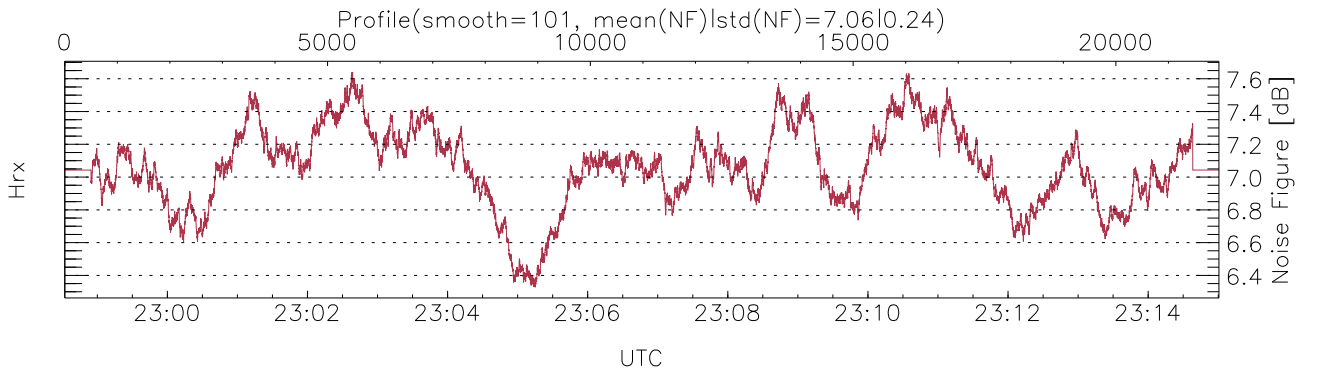
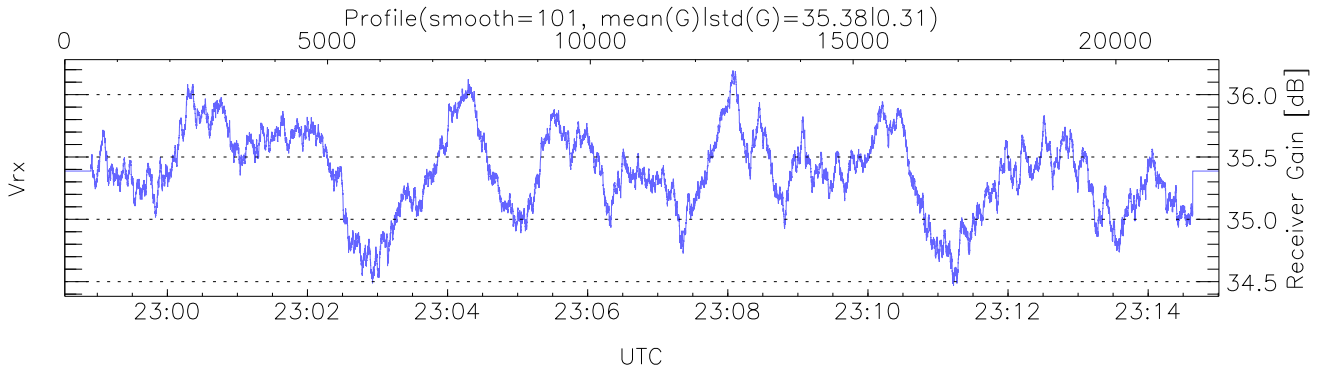
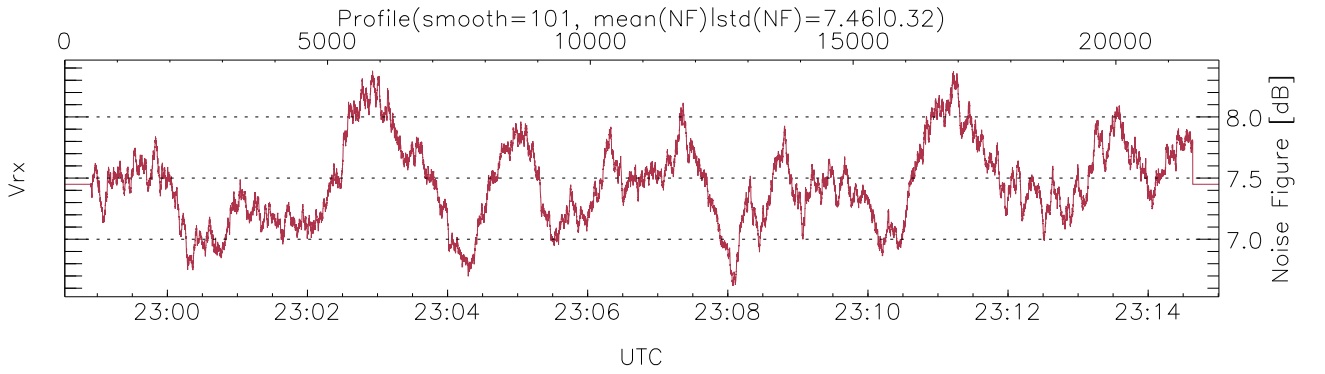
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 22:58:32-23:15:01, TimeCor: 0.00s, Dur: 988.49s
 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): 21962/21962, 0-21961/22:58:32-23:15:01
 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



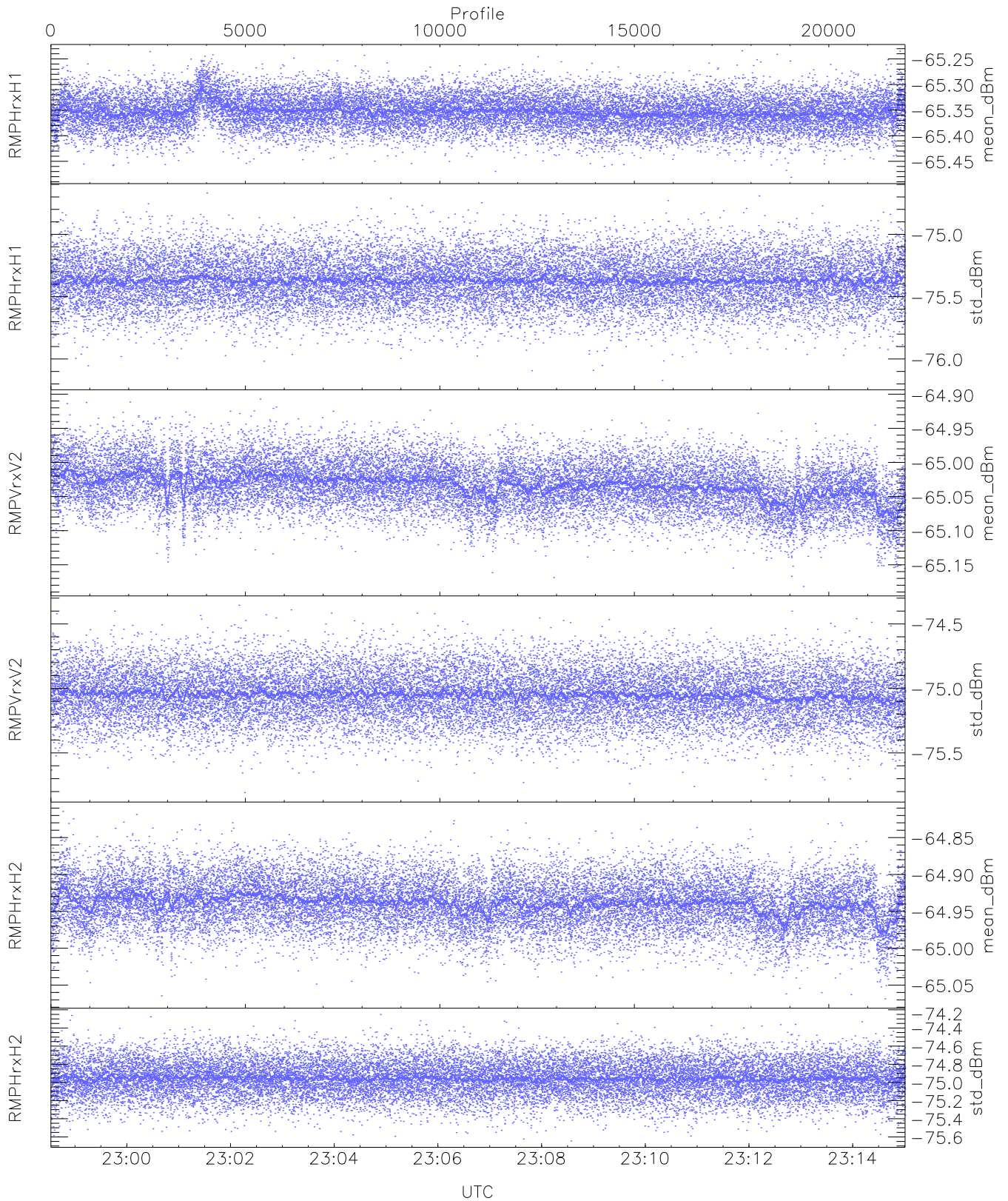
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,25,28,27,27`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,26,28,28,28`
`LOalarm(20,240,2817,14861 MHz): 0,0,22,0`
`EIK/Modulator Faults: None`



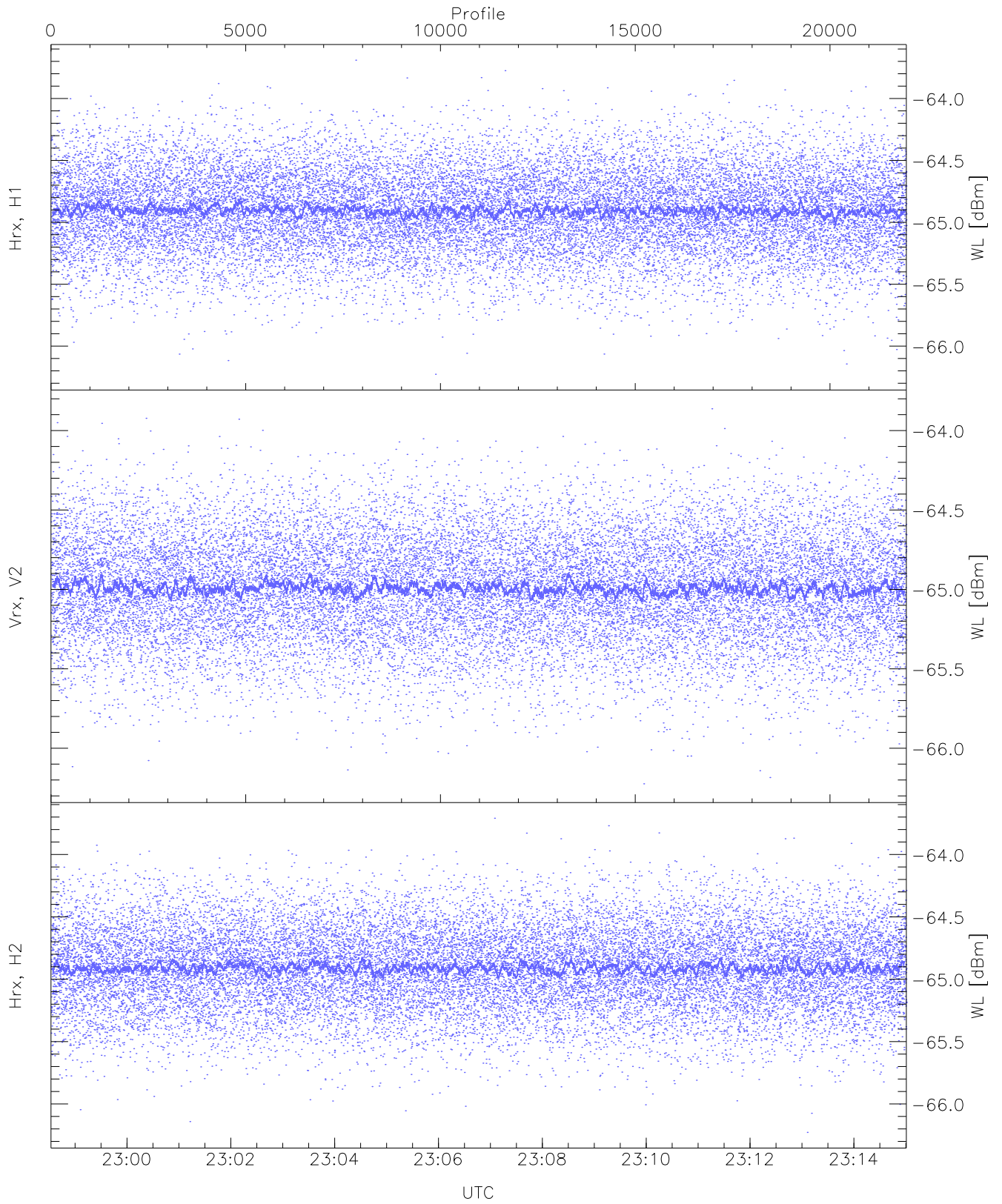
WCR3 CPP Receivers Gain and Noise Figure

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



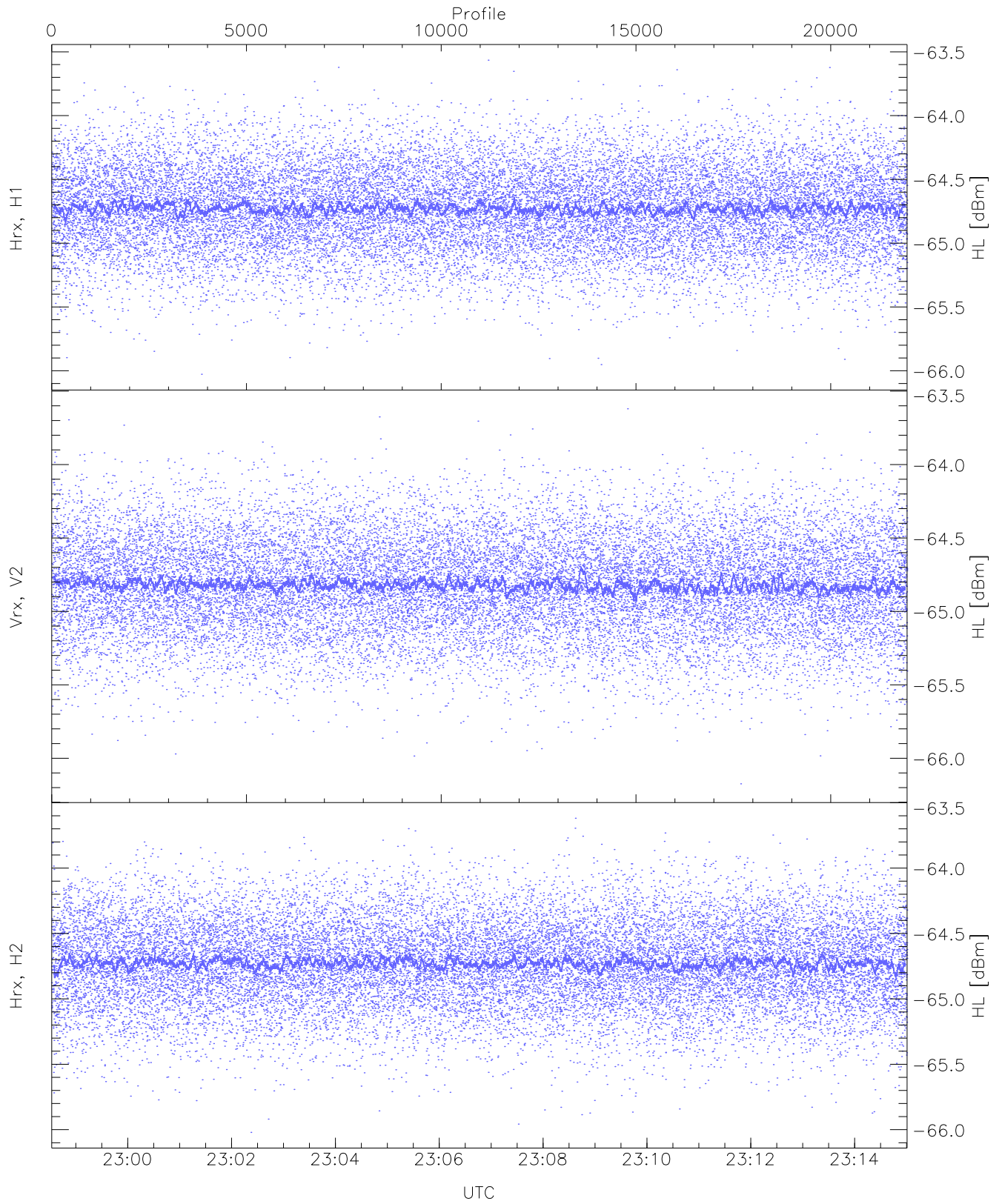
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.48	-65.23	-65.35	-65.35	-86.86
RMPHrxH1(std_dBm)	-76.17	-74.67	-75.37	-75.37	-89.17
RMPVrxV2(mean_dBm)	-65.18	-64.91	-65.03	-65.03	-86.18
RMPVrxV2(std_dBm)	-75.81	-74.36	-75.05	-75.05	-88.83
RMPHrxH2(mean_dBm)	-65.07	-64.81	-64.94	-64.94	-86.34
RMPHrxH2(std_dBm)	-75.65	-74.25	-74.95	-74.96	-88.73



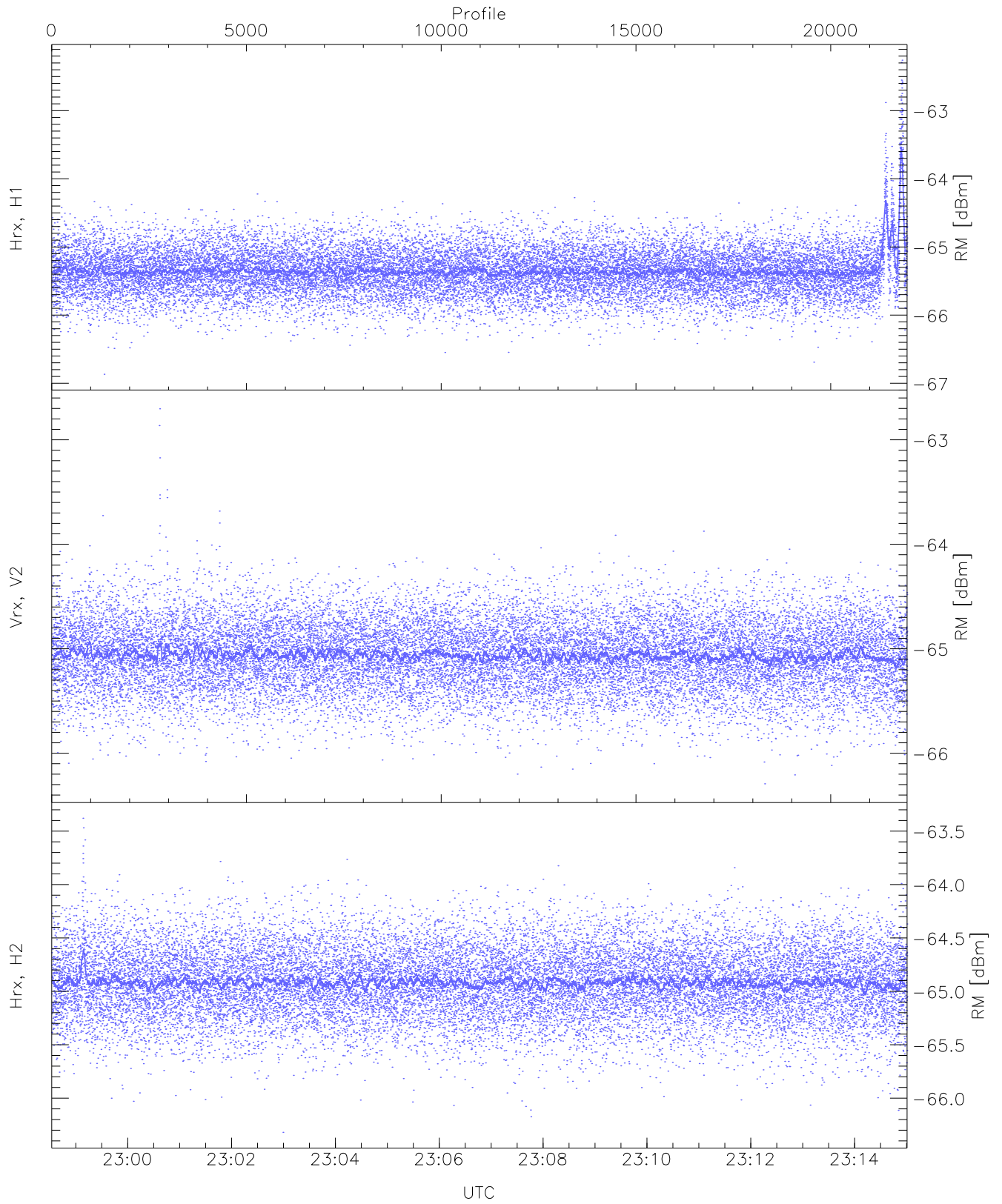
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.23	-63.69	-64.90	-64.90	-76.39
Vrx, V2 (WL [dBm])	-66.22	-63.86	-64.98	-64.99	-76.52
Hrx, H2 (WL [dBm])	-66.23	-63.71	-64.90	-64.91	-76.42



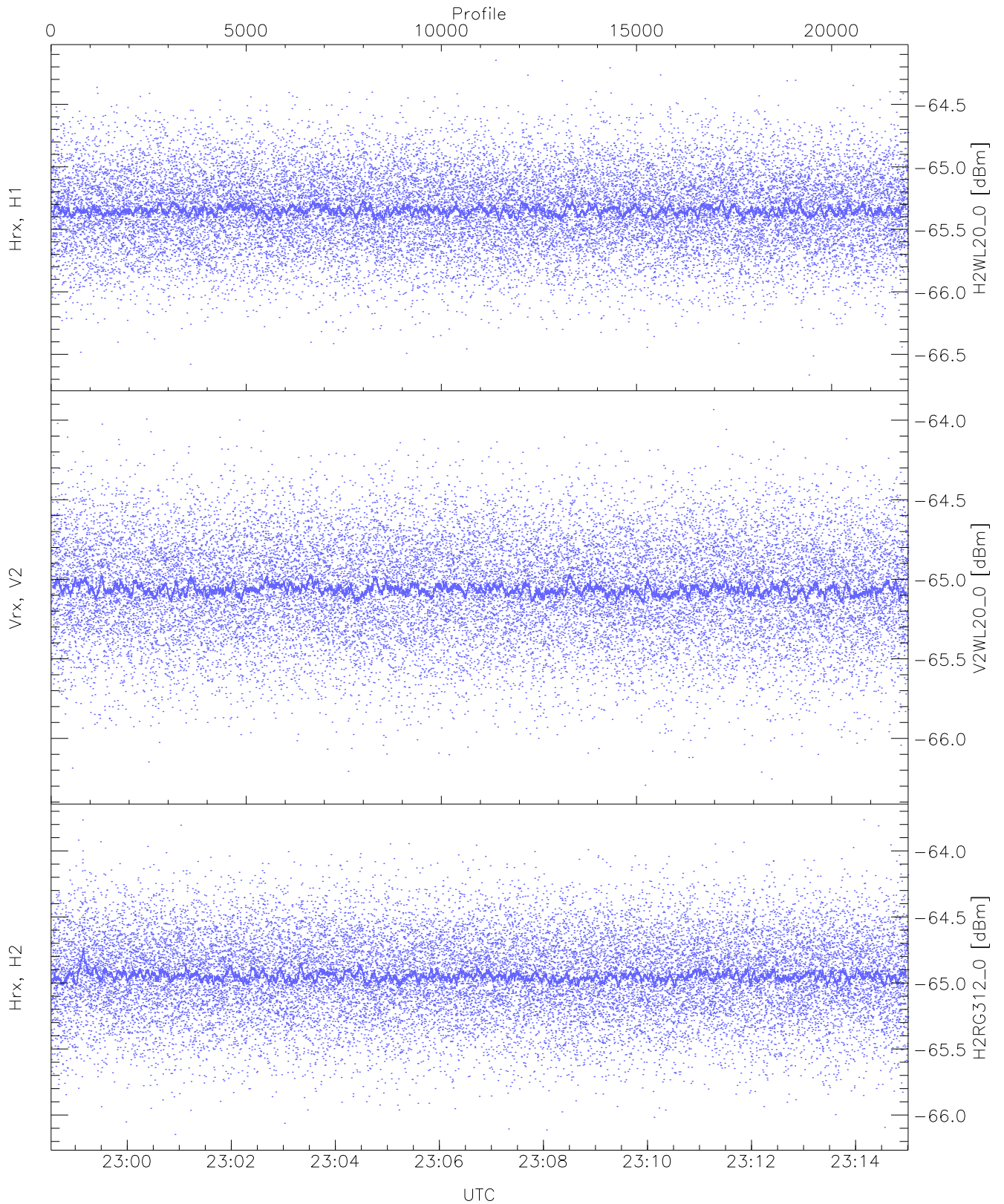
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.03	-63.57	-64.72	-64.73	-76.21
Vrx, V2 (HL [dBm])	-66.17	-63.62	-64.81	-64.82	-76.33
Hrx, H2 (HL [dBm])	-66.02	-63.62	-64.72	-64.73	-76.23



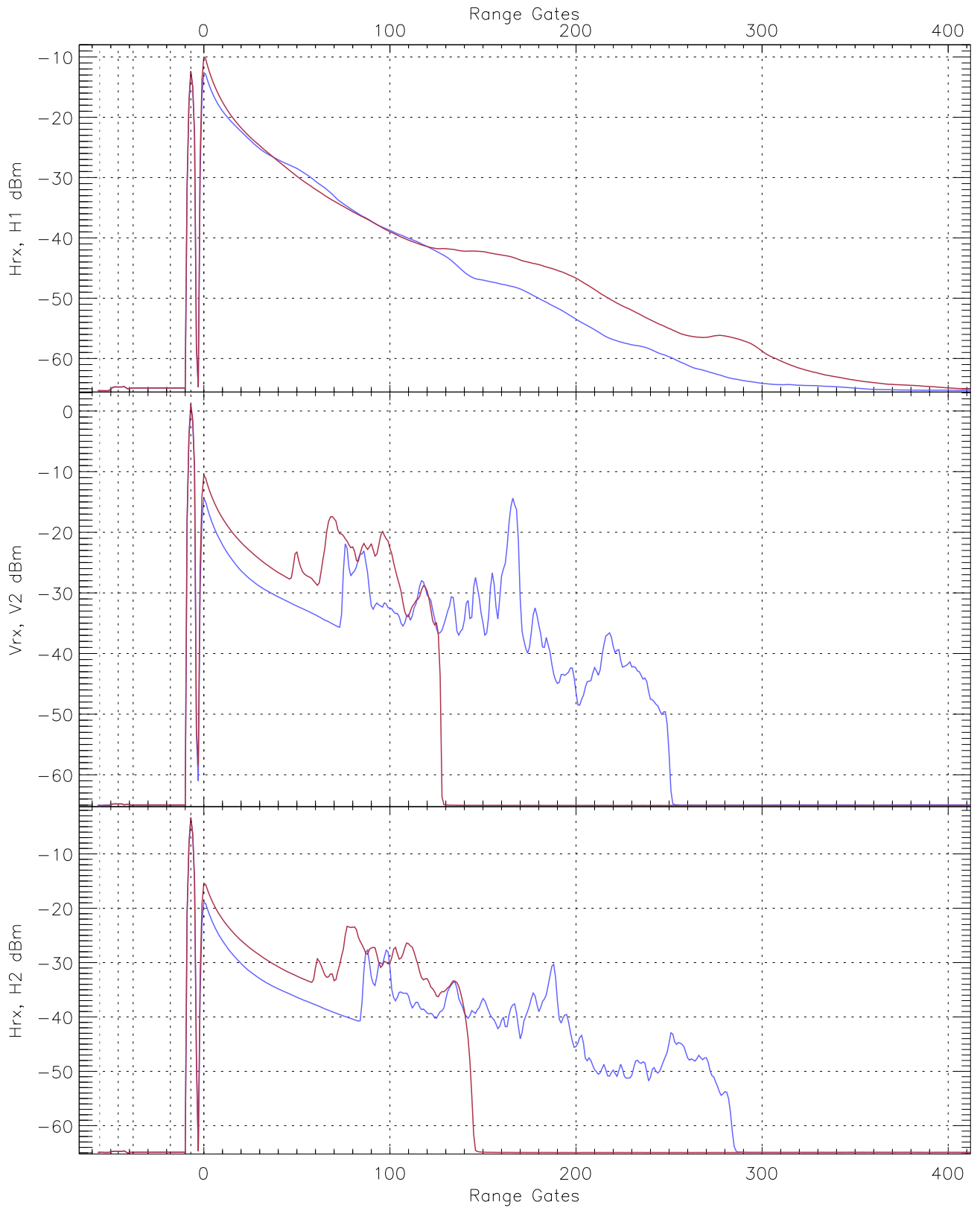
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.87	-62.26	-65.34	-65.36	-76.12
Vrx, V2 (RM [dBm])	-66.29	-62.70	-65.05	-65.06	-76.51
Hrx, H2 (RM [dBm])	-66.32	-63.38	-64.91	-64.92	-76.42

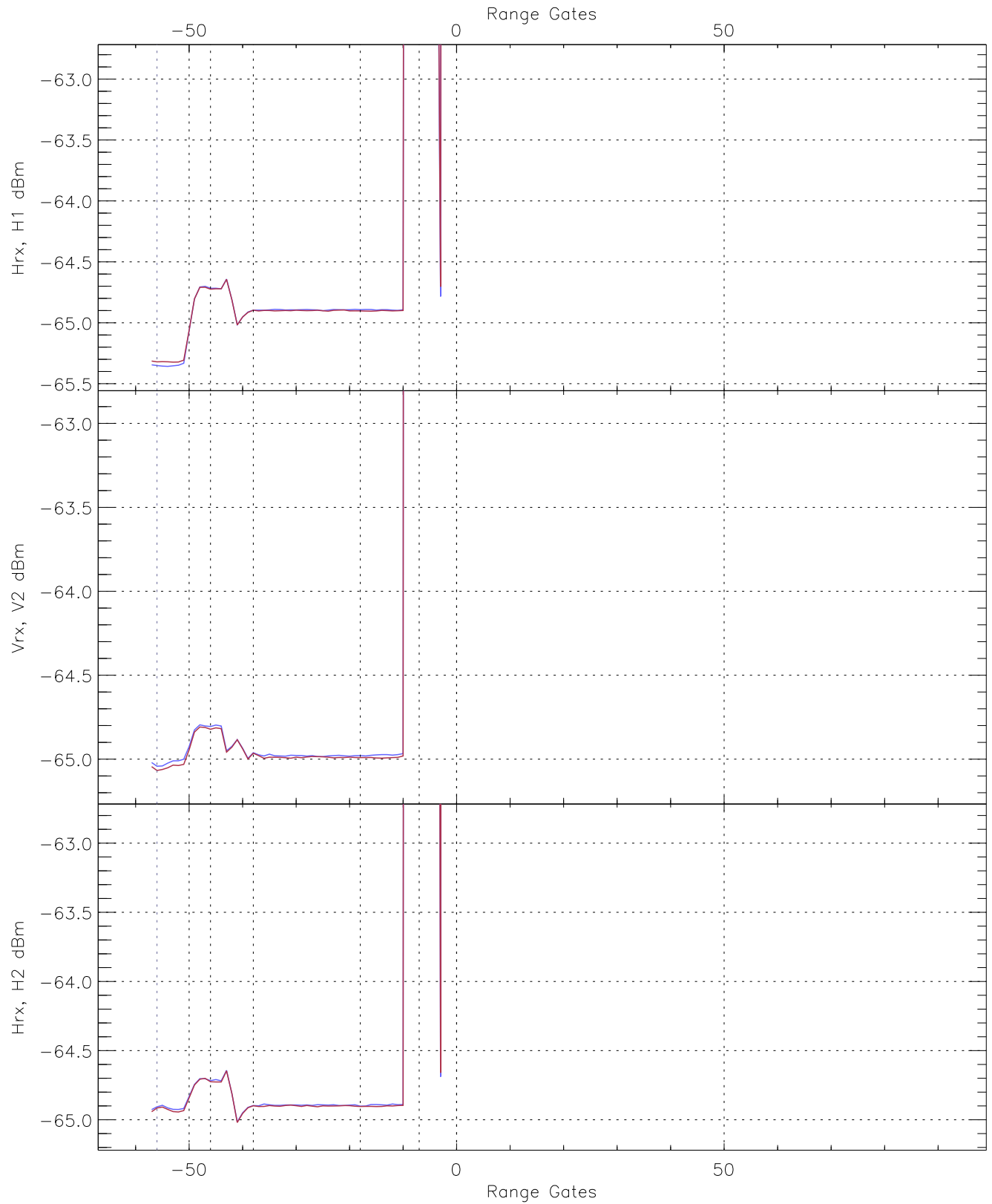


WCR3 CPP "Best" estimate Receivers Noise Power

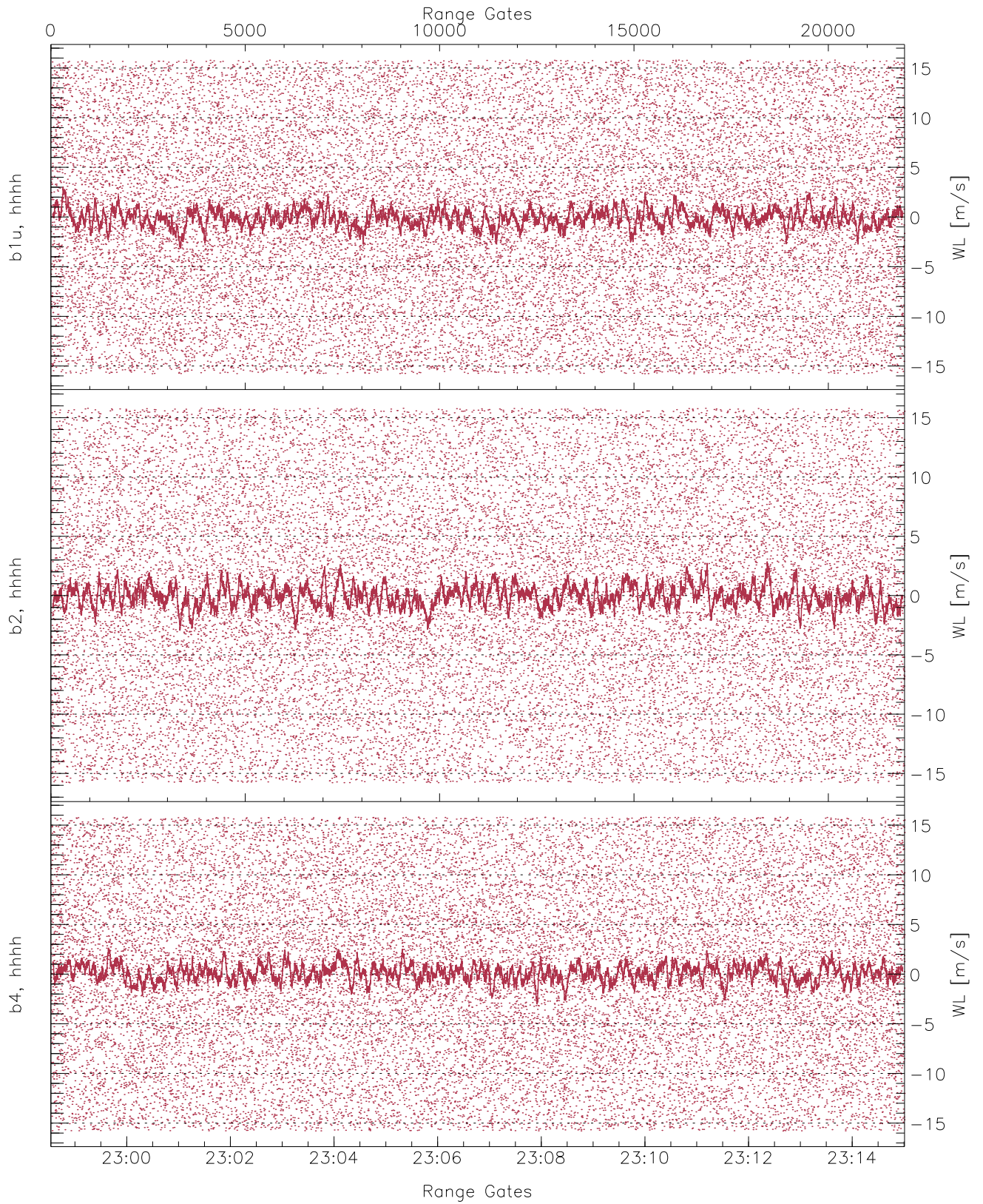
	Min	Max	Mean	Median	StDev
H2WL20_0 [dBm]	-66.67	-64.15	-65.34	-65.35	-76.86
V2WL20_0 [dBm]	-66.29	-63.93	-65.06	-65.06	-76.59
H2RG312_0 [dBm]	-66.15	-63.76	-64.94	-64.95	-76.42



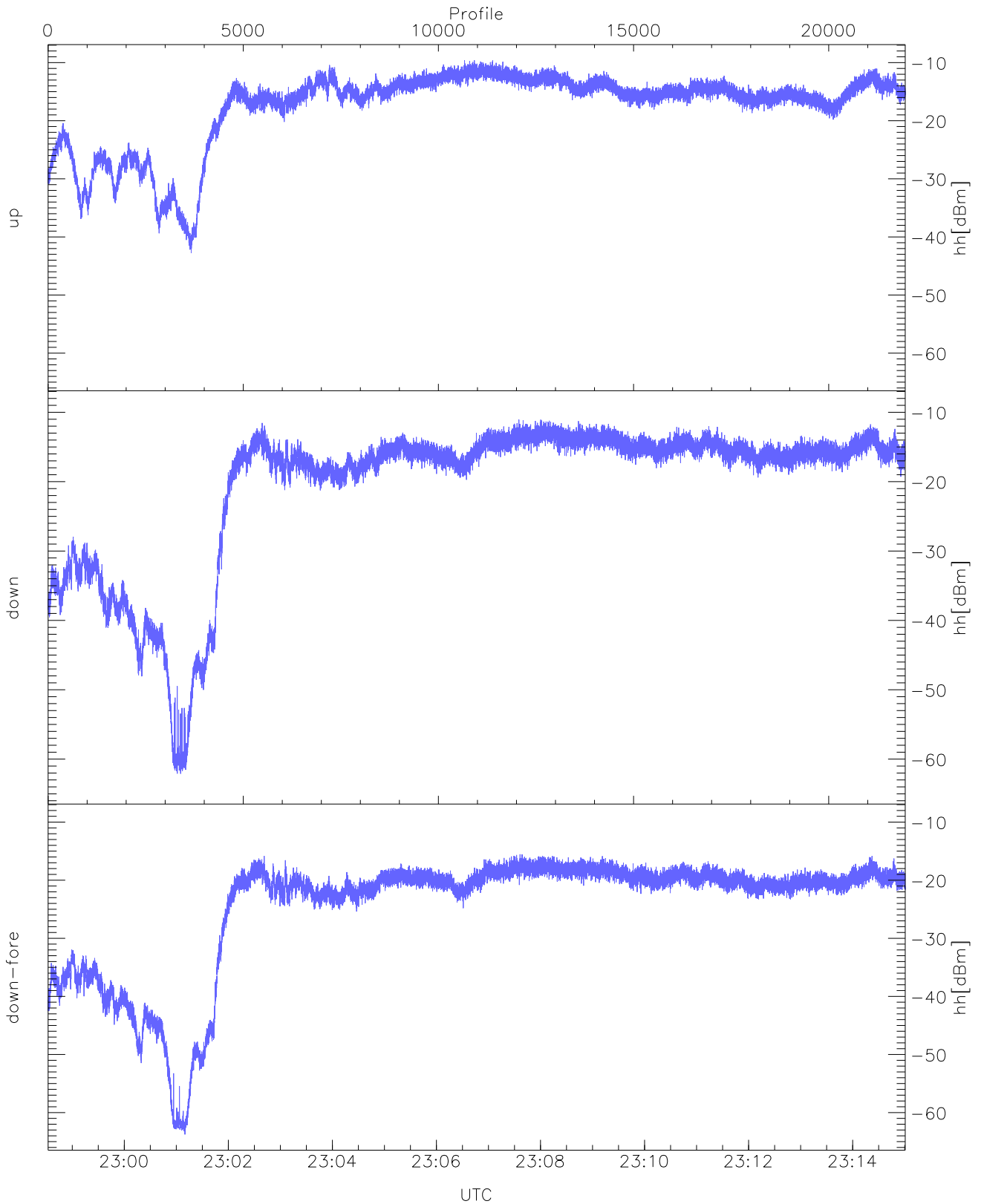
WCR3 CPP Averaged Received power for all recorded gates
blue: 225832-230646, 10982 profiles averaged
red: 230646-231501, 10981 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 225832-230646, 10982 profiles averaged
red: 230646-231501, 10981 profiles averaged

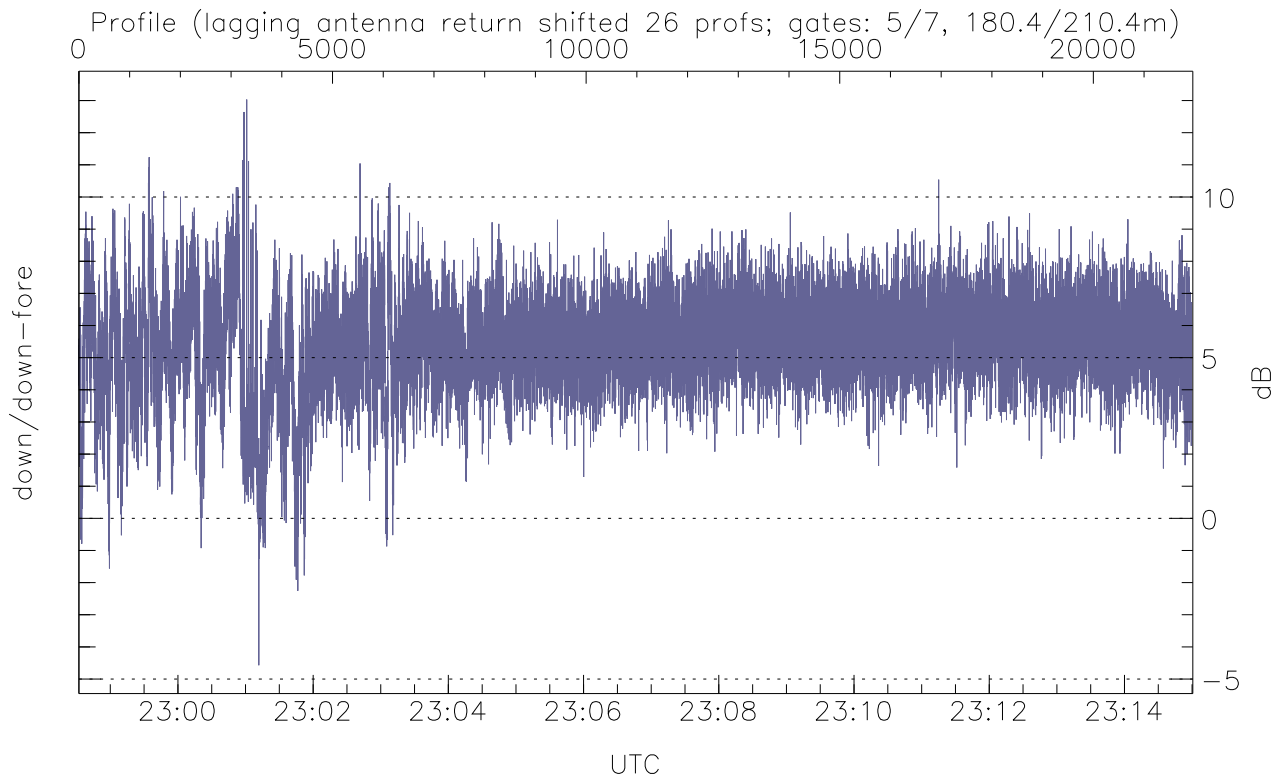
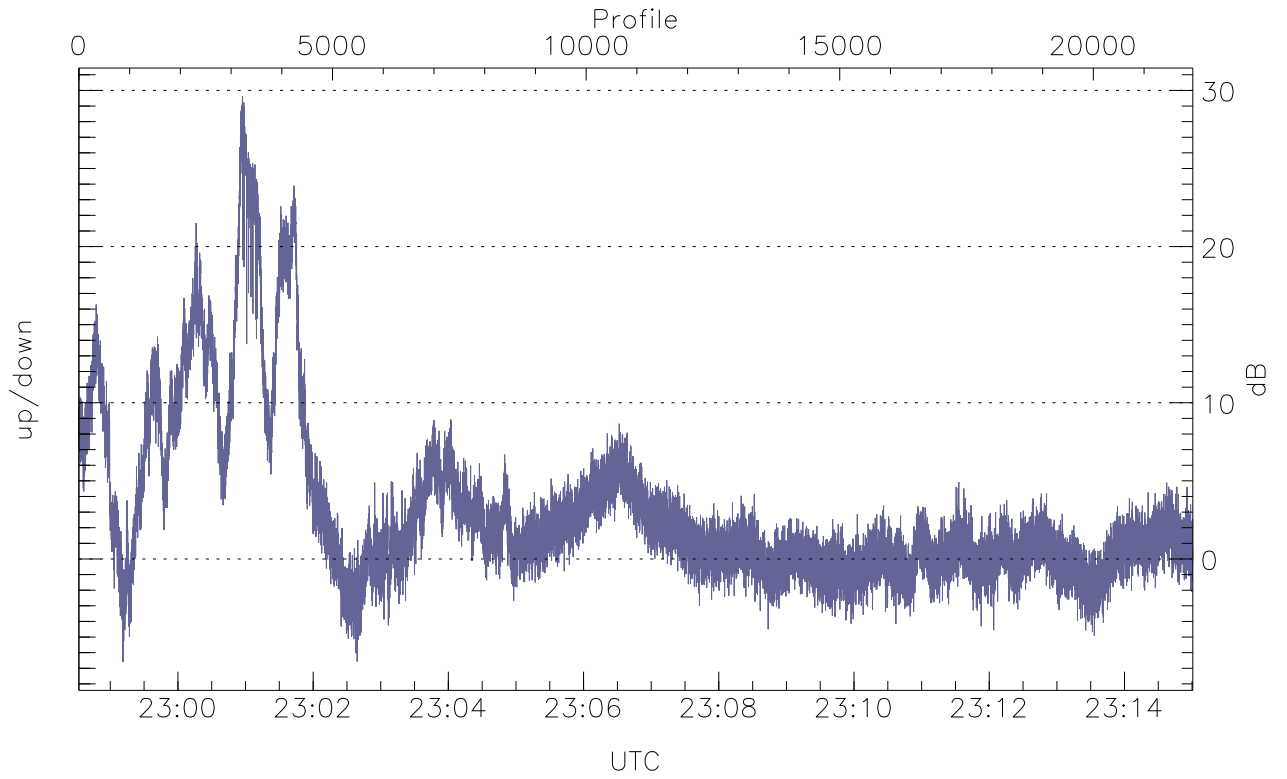


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



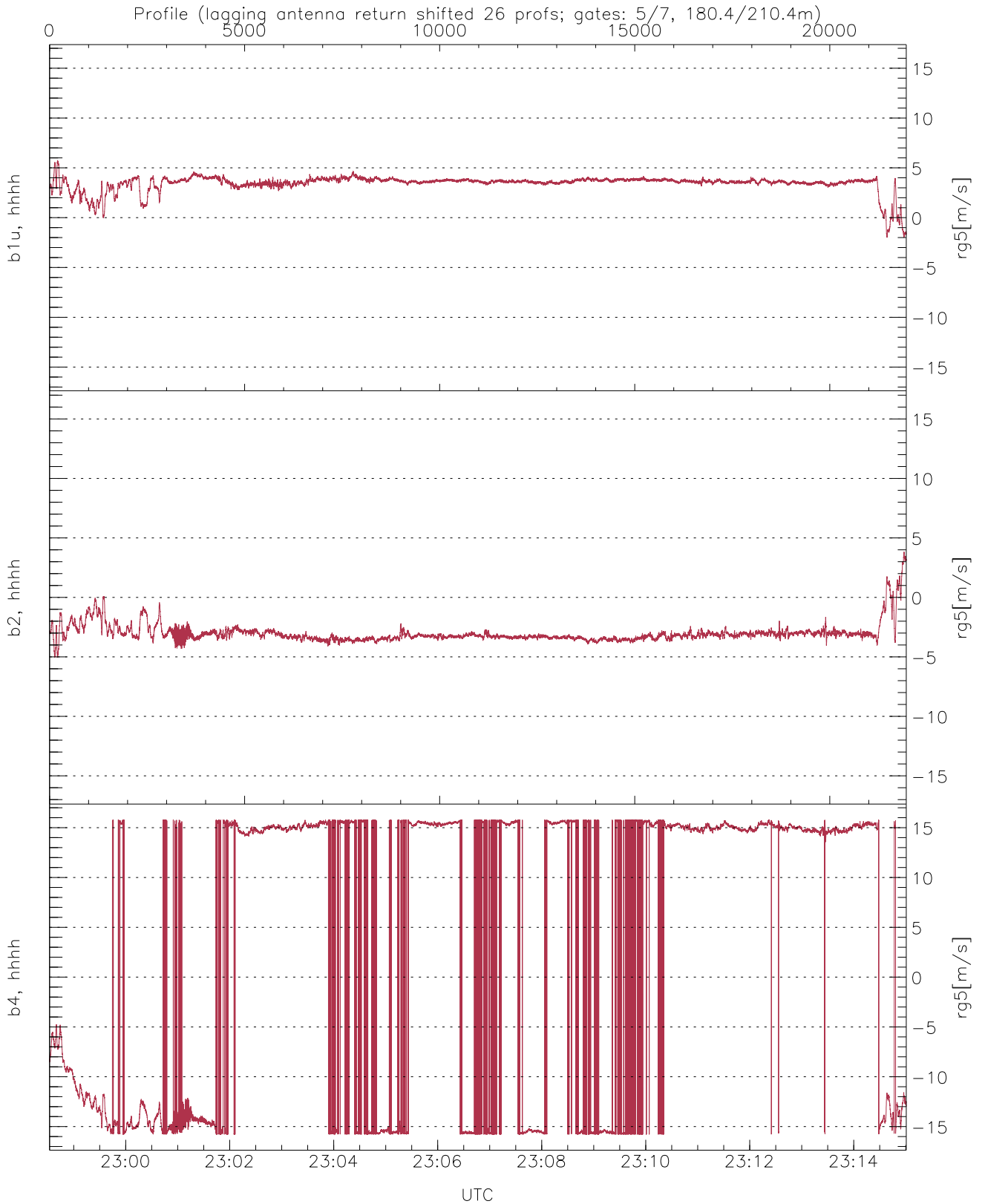
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-42.80	-9.60	-15.11
down(hh[dBm])	-62.11	-11.05	-16.27
down-fore(hh[dBm])	-63.77	-15.54	-20.56



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

	Min	Max	Mean
up/down (dB)	-6.60	29.62	3.21
down/down-fore (dB)	-4.57	13.03	5.43



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-1.99	5.76	3.42	0.85
b2, hhhh(rg5[m/s])	-5.06	3.84	-3.01	0.85
b4, hhhh(rg5[m/s])	-15.79	15.79	3.57	14.48