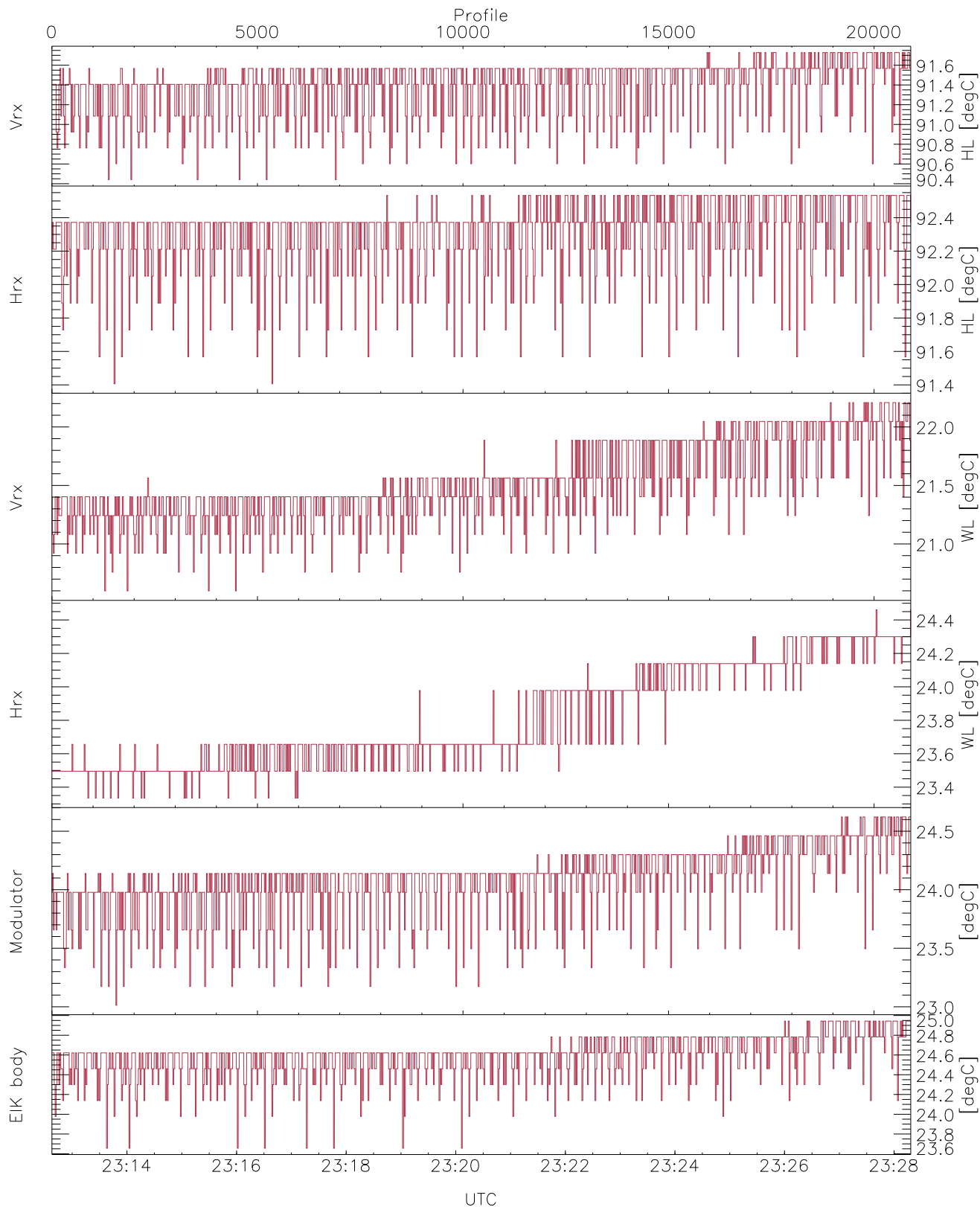


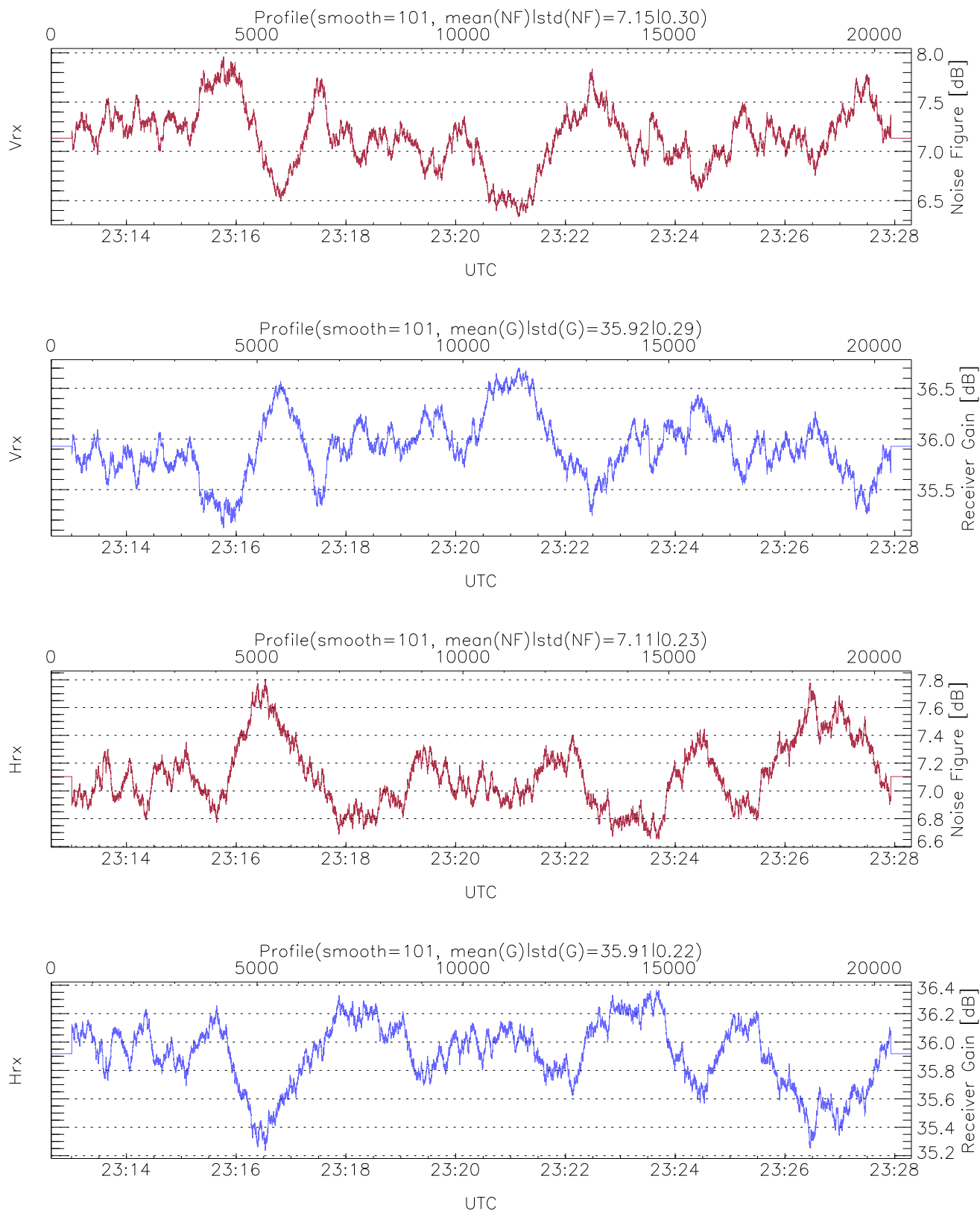
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 23:12:38-23:28:18, TimeCor: 0.00s, Dur: 940.42s
 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): 20894/20894, 0-20893/23:12:38-23:28:18
 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



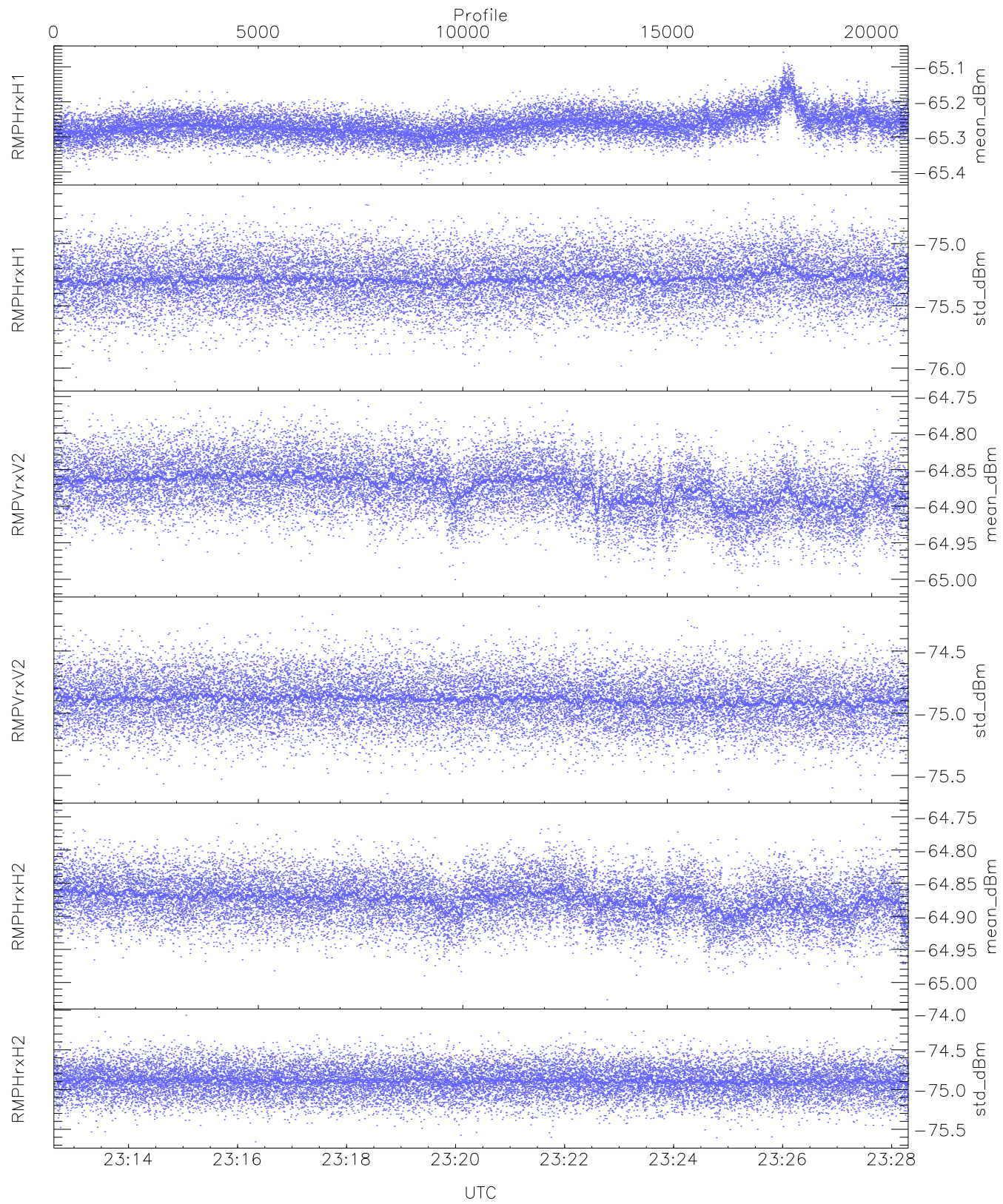
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,20,23,23,23
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,22,24,24,24
 LOalarm(20,240,2817,14861 MHz): 0,0,46,0
 EIK/Modulator Faults: None



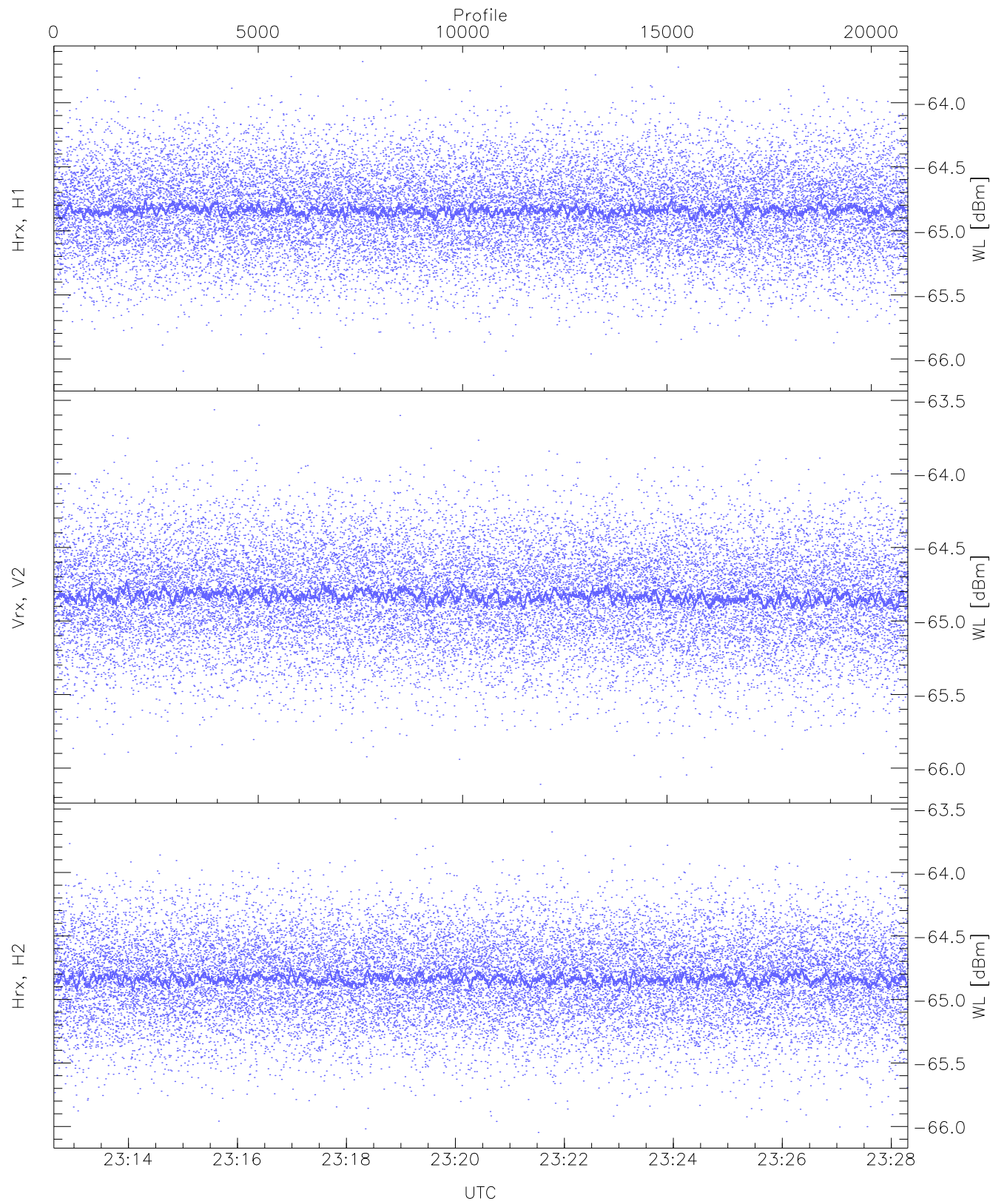
WCR3 CPP Receivers Gain and Noise Figure

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



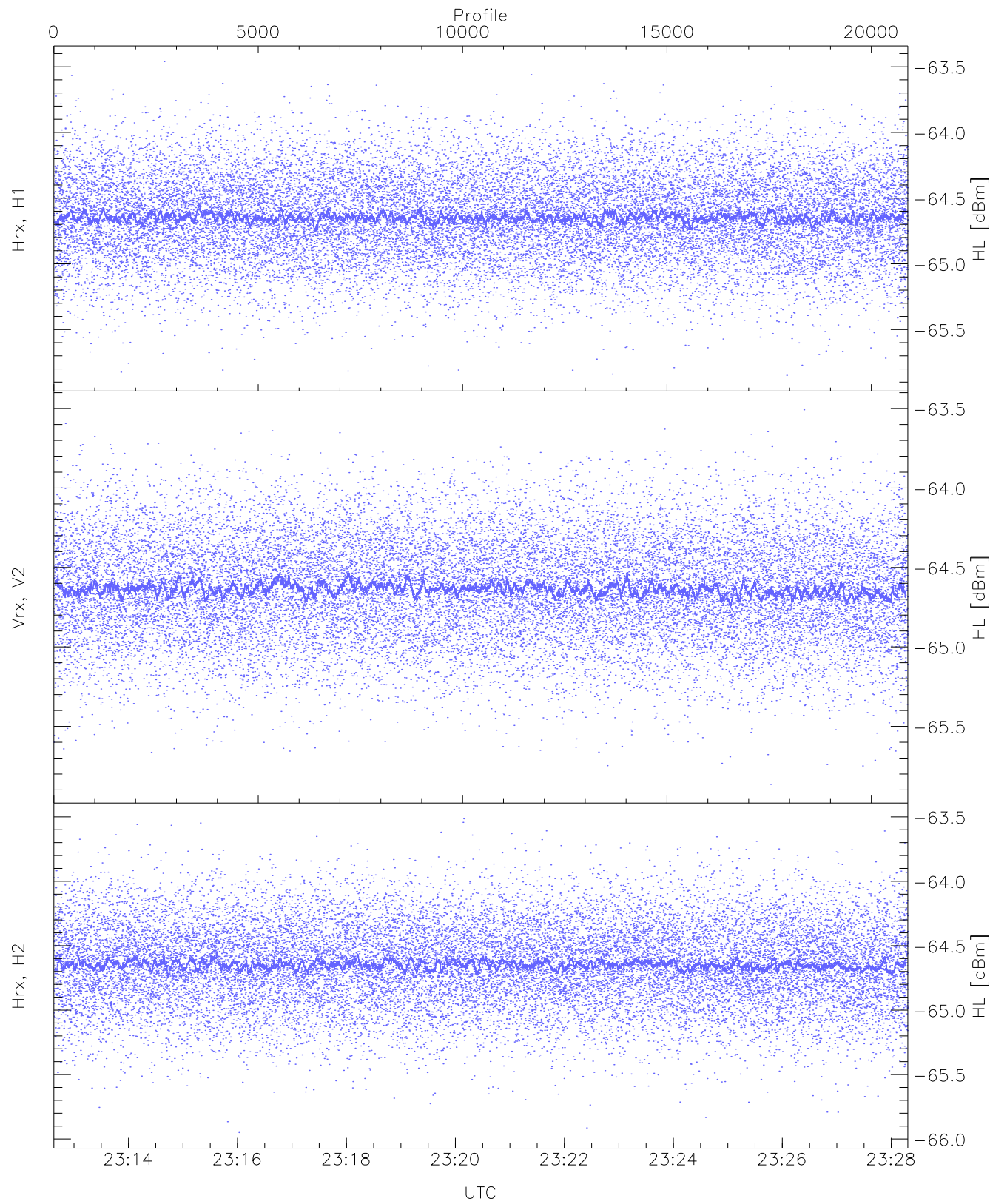
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.42	-65.06	-65.27	-65.27	-85.89
RMPHrxH1(std_dBm)	-76.11	-74.60	-75.28	-75.28	-89.05
RMPVrxV2(mean_dBm)	-65.01	-64.76	-64.87	-64.87	-85.92
RMPVrxV2(std_dBm)	-75.65	-74.14	-74.89	-74.89	-88.66
RMPHrxH2(mean_dBm)	-65.03	-64.74	-64.88	-64.88	-86.25
RMPHrxH2(std_dBm)	-75.66	-74.07	-74.89	-74.89	-88.66



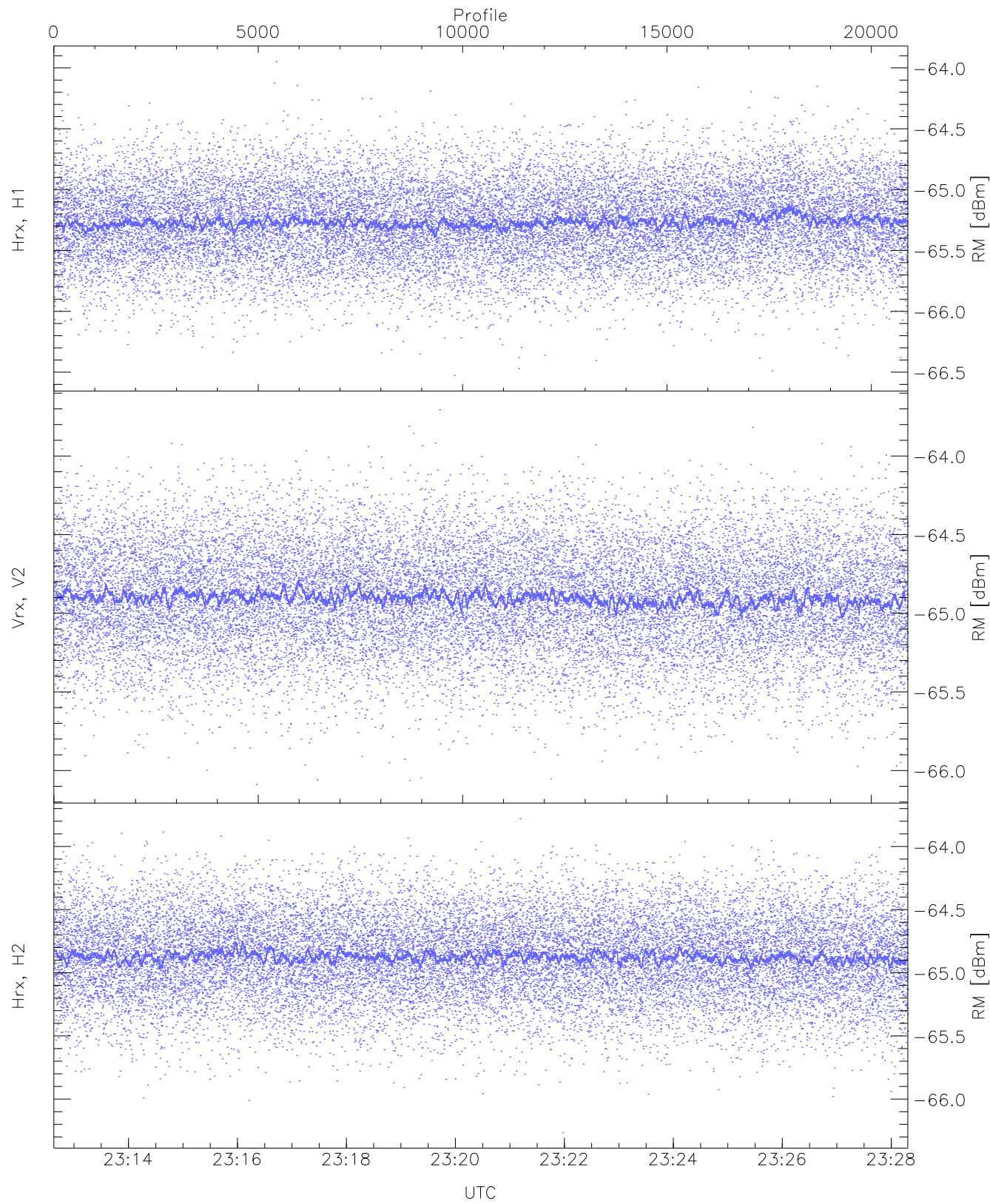
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.13	-63.68	-64.83	-64.84	-76.33
Vrx, V2(WL [dBm])	-66.11	-63.56	-64.82	-64.83	-76.33
Hrx, H2(WL [dBm])	-66.05	-63.58	-64.83	-64.83	-76.33



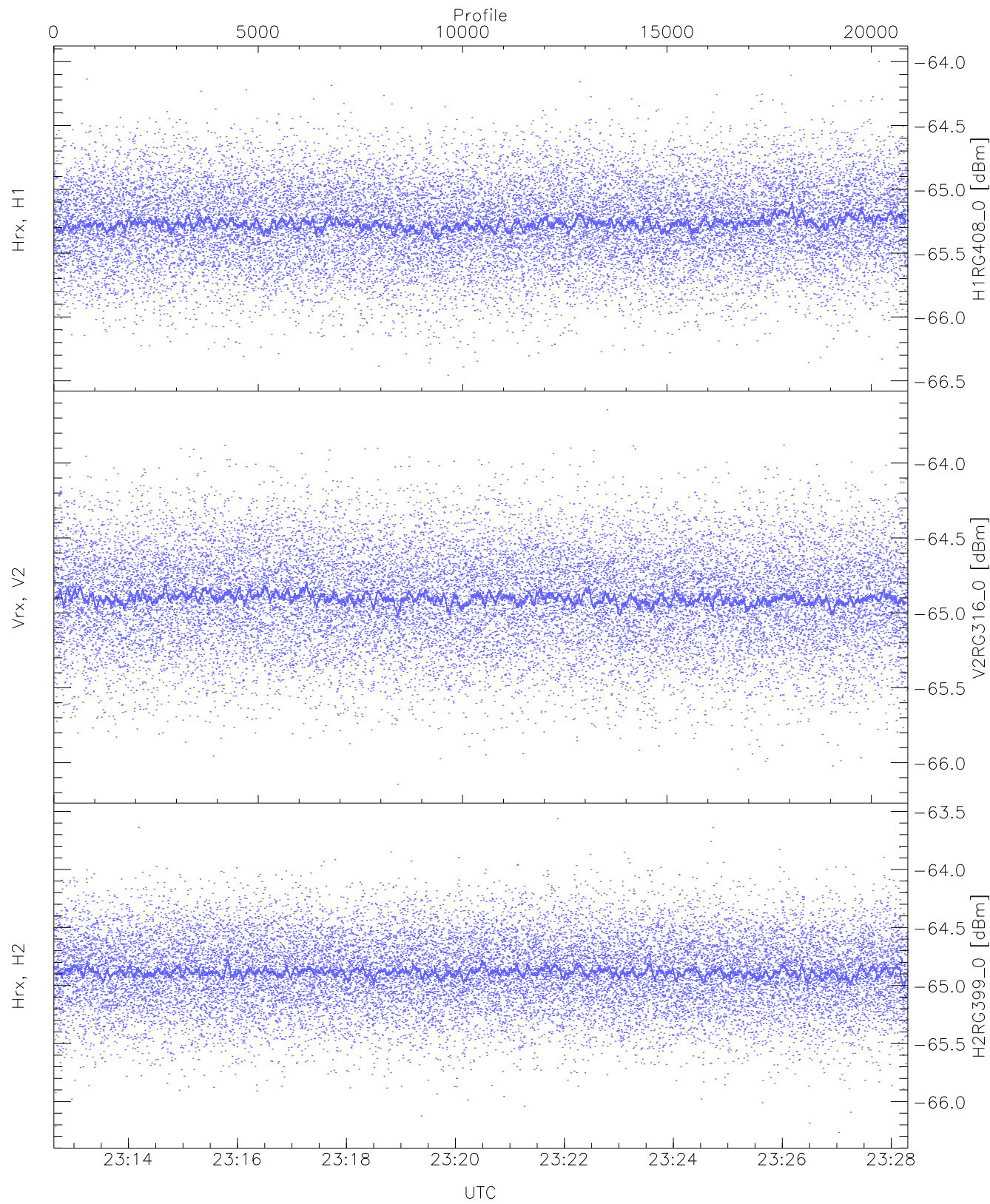
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.85	-63.46	-64.64	-64.65	-76.15
Vrx, V2(HL [dBm])	-65.86	-63.51	-64.63	-64.64	-76.15
Hrx, H2(HL [dBm])	-65.95	-63.51	-64.64	-64.65	-76.14



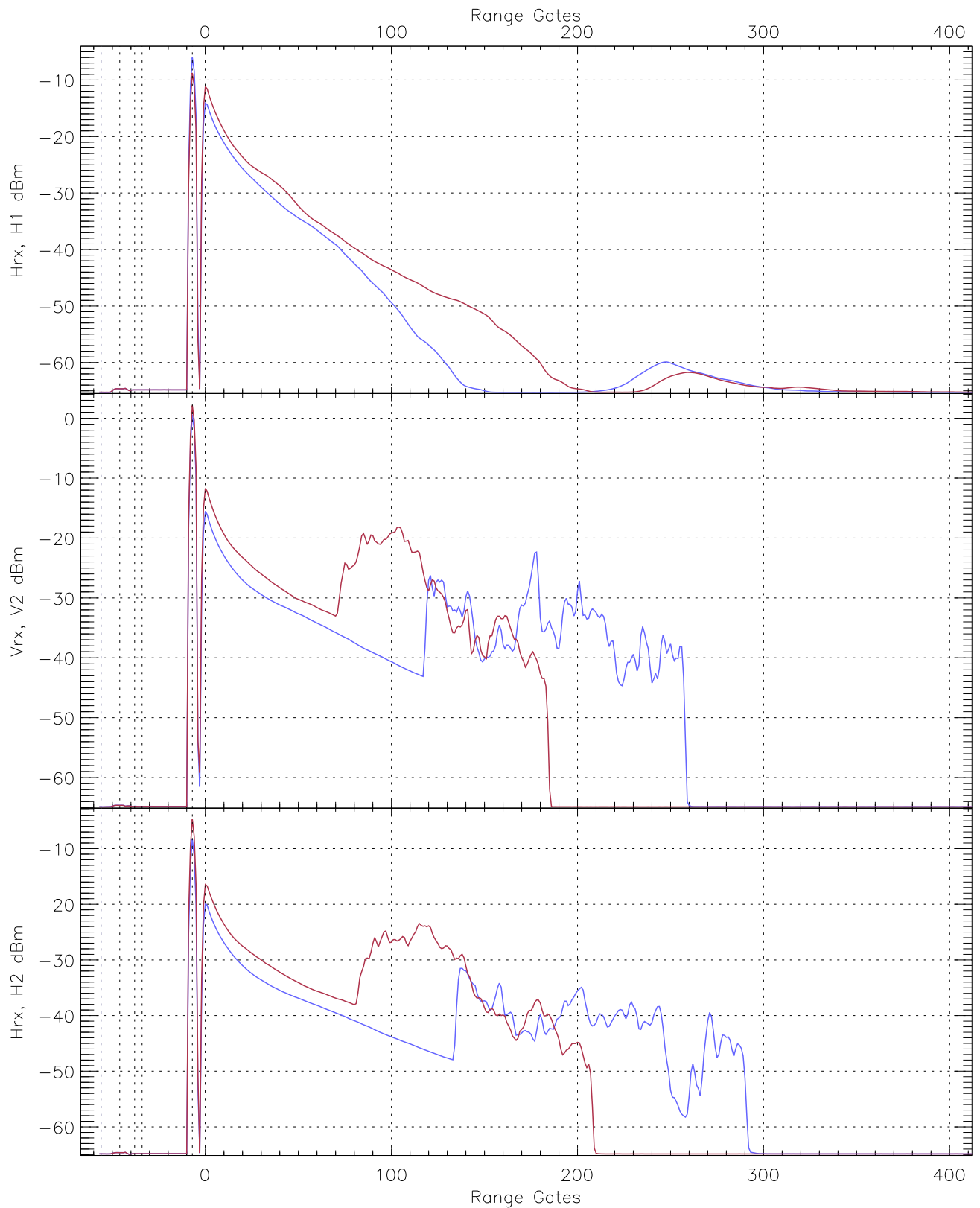
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.53	-63.95	-65.26	-65.27	-76.79
Vrx, V2(RM [dBm])	-66.09	-63.71	-64.90	-64.90	-76.36
Hrx, H2(RM [dBm])	-66.26	-63.78	-64.87	-64.87	-76.41

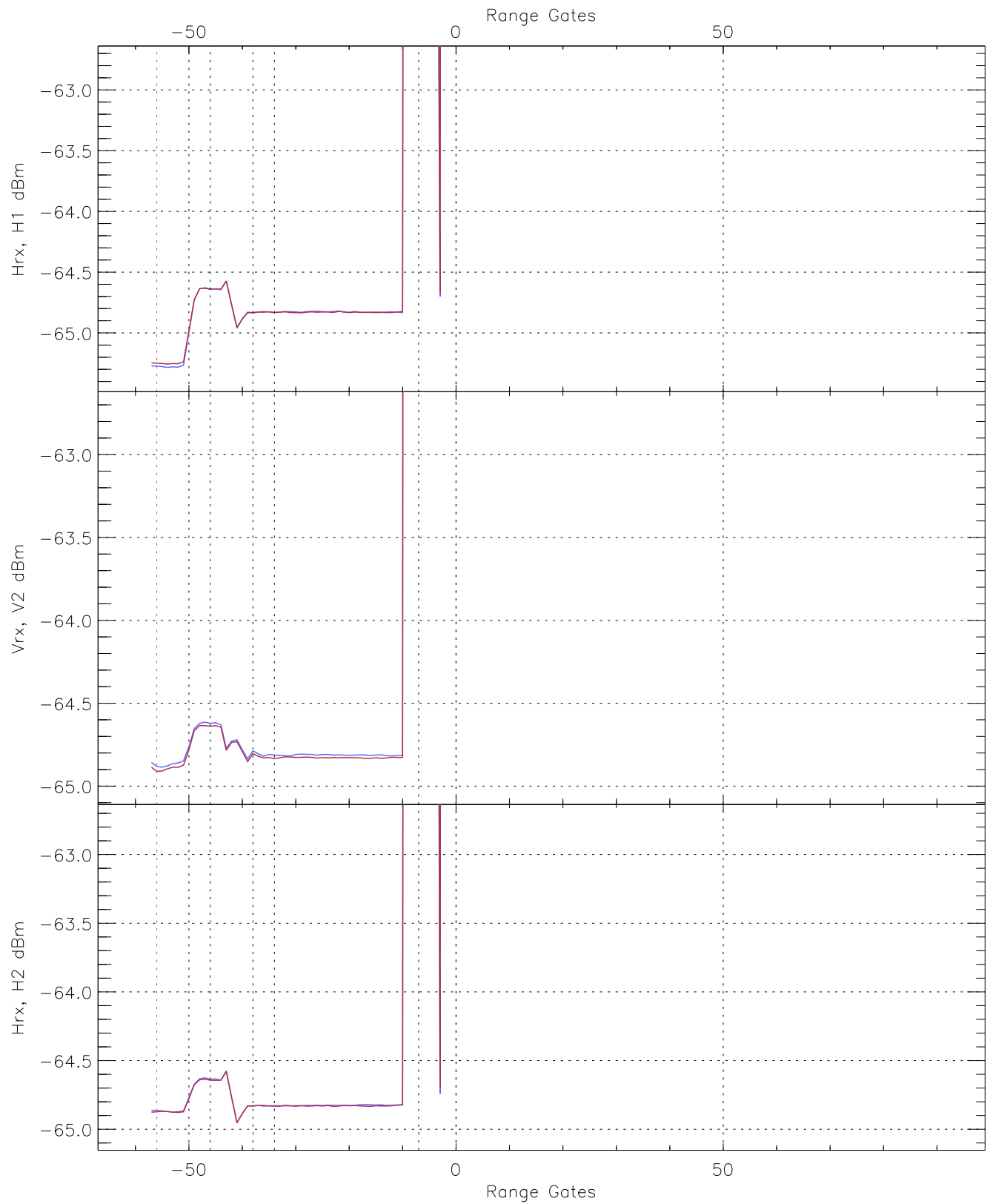


WCR3 CPP "Best" estimate Receivers Noise Power

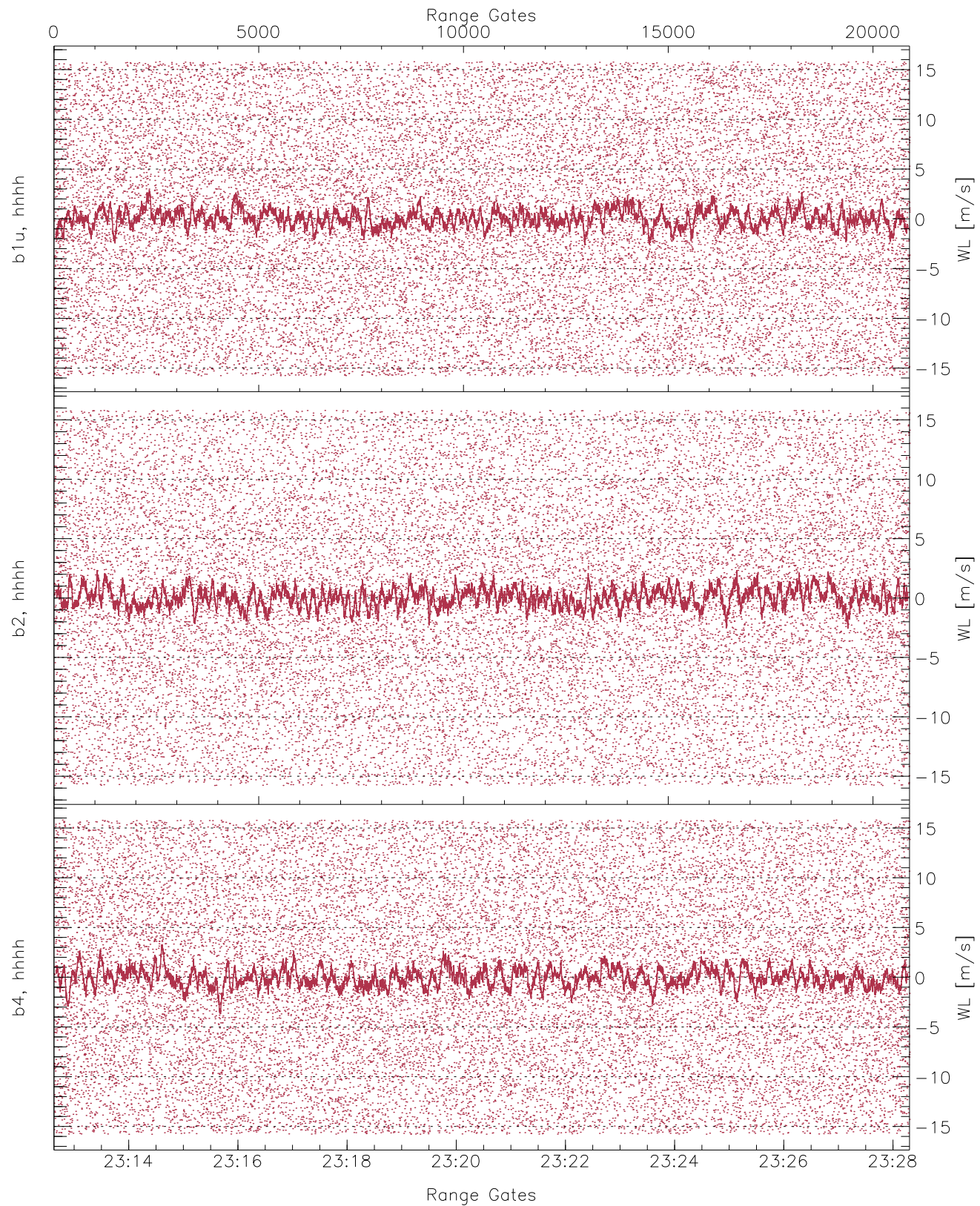
	Min	Max	Mean	Median	StDev
H1RG408_0 [dBm]	-66.46	-64.00	-65.26	-65.27	-76.74
V2RG316_0 [dBm]	-66.14	-63.64	-64.90	-64.90	-76.37
H2RG399_0 [dBm]	-66.27	-63.56	-64.88	-64.89	-76.38



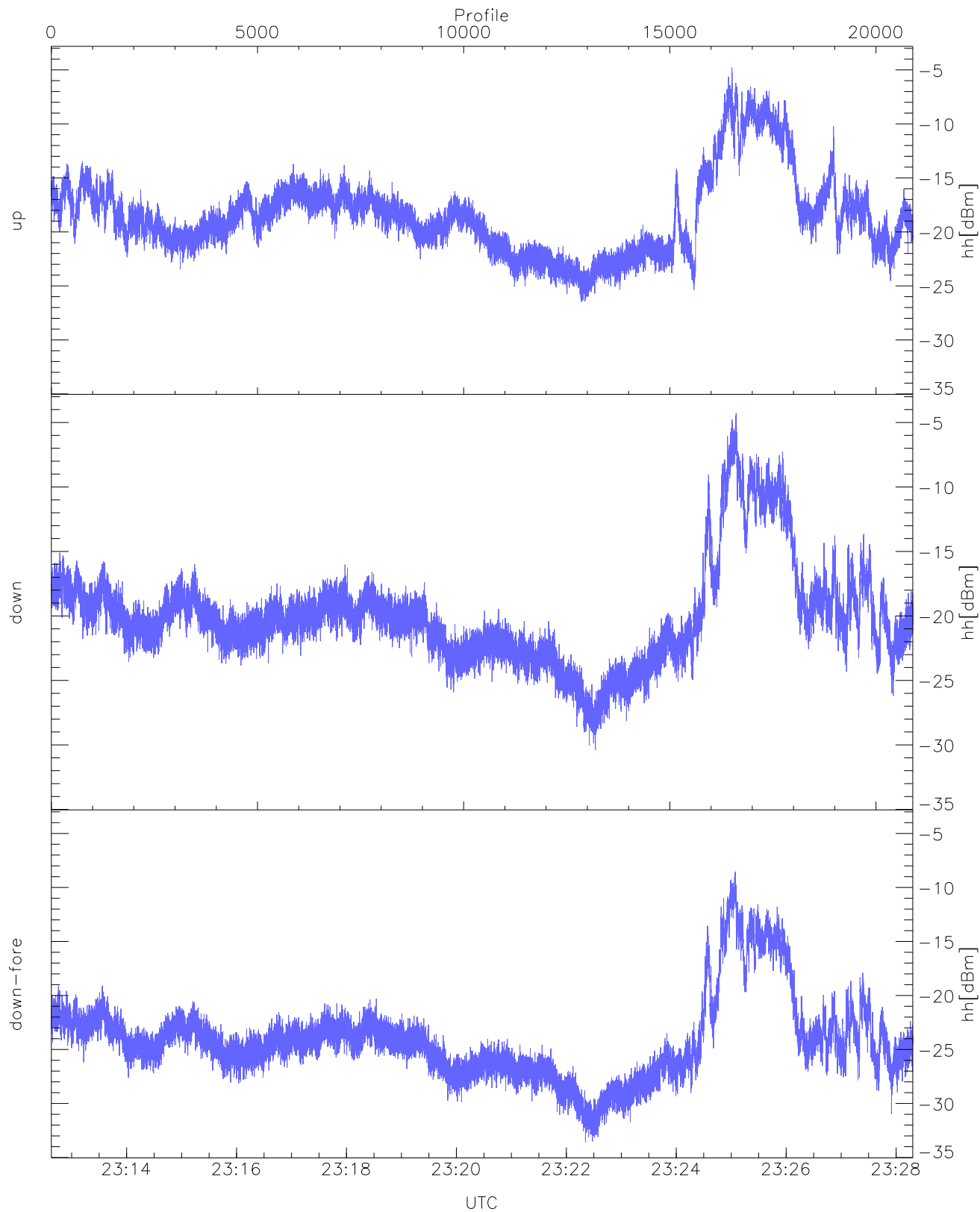
WCR3 CPP Averaged Received power for all recorded gates
 blue: 231238-232028, 10448 profiles averaged
 red: 232028-232818, 10447 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 231238-232028, 10448 profiles averaged
red: 232028-232818, 10447 profiles averaged

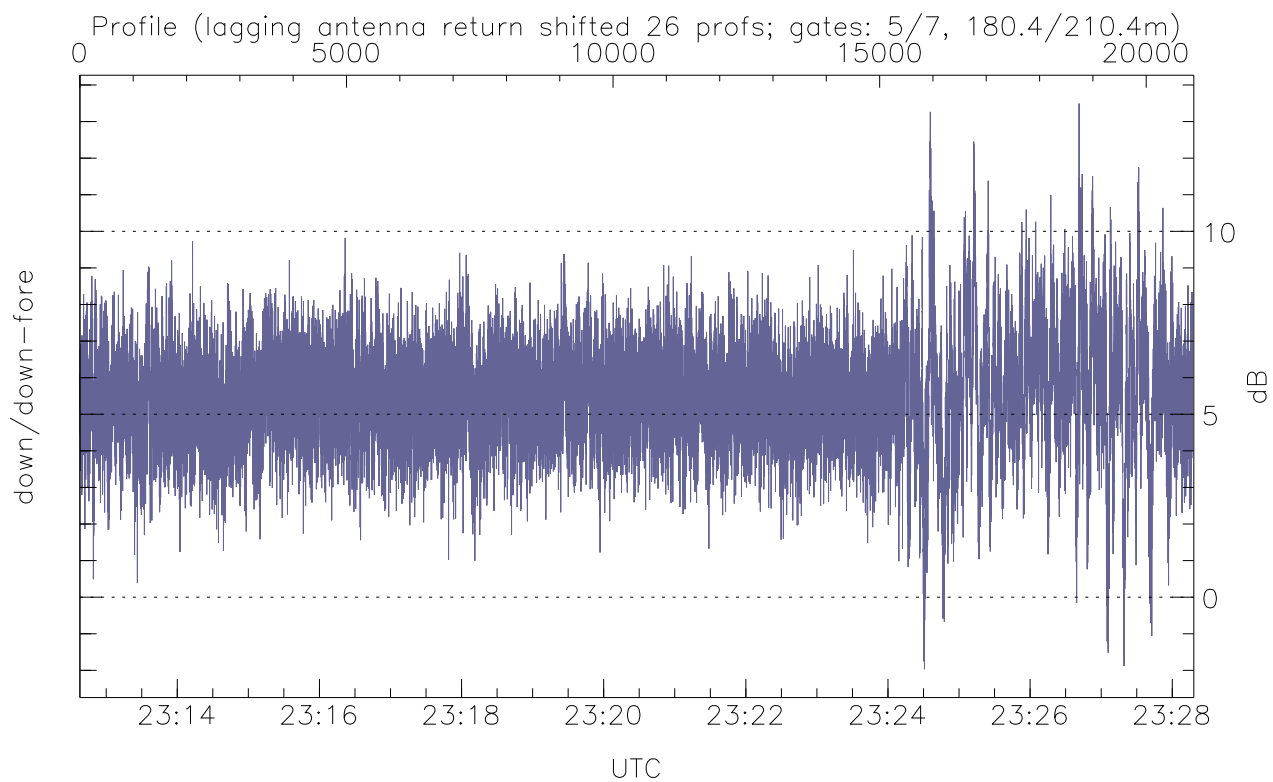
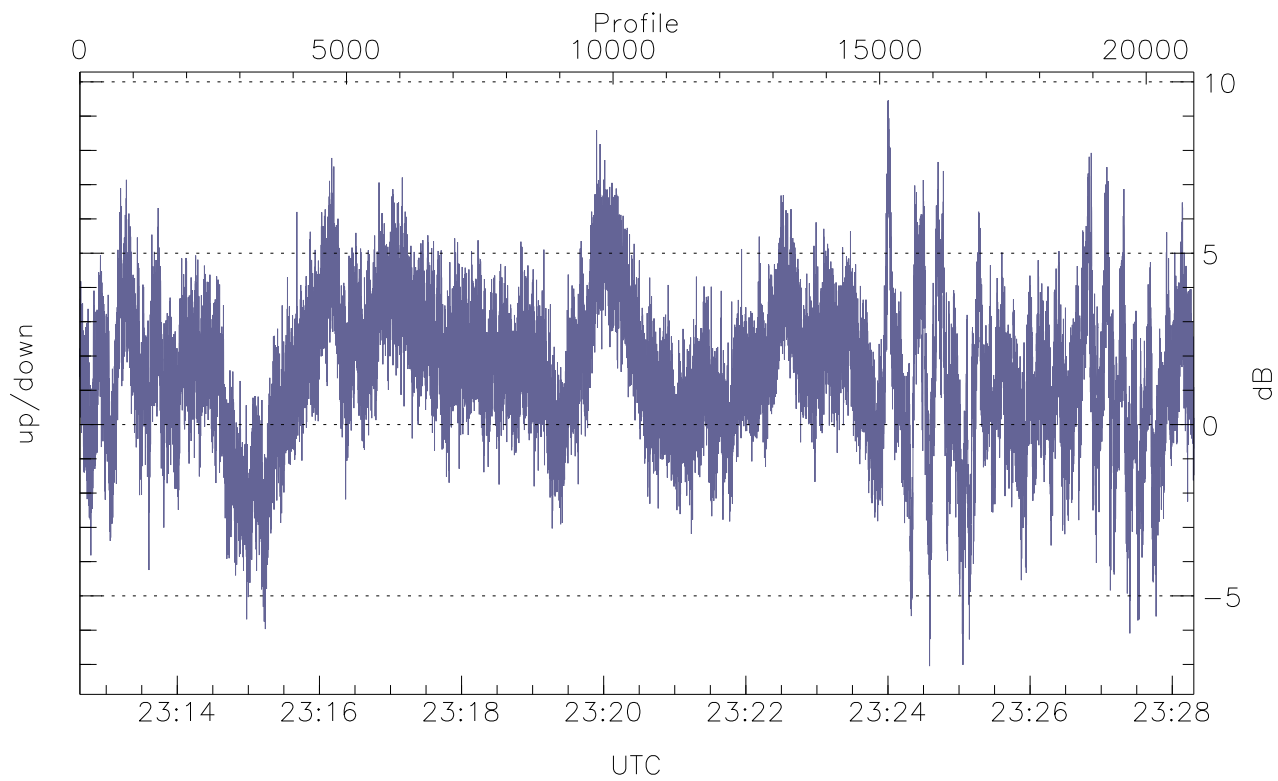


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



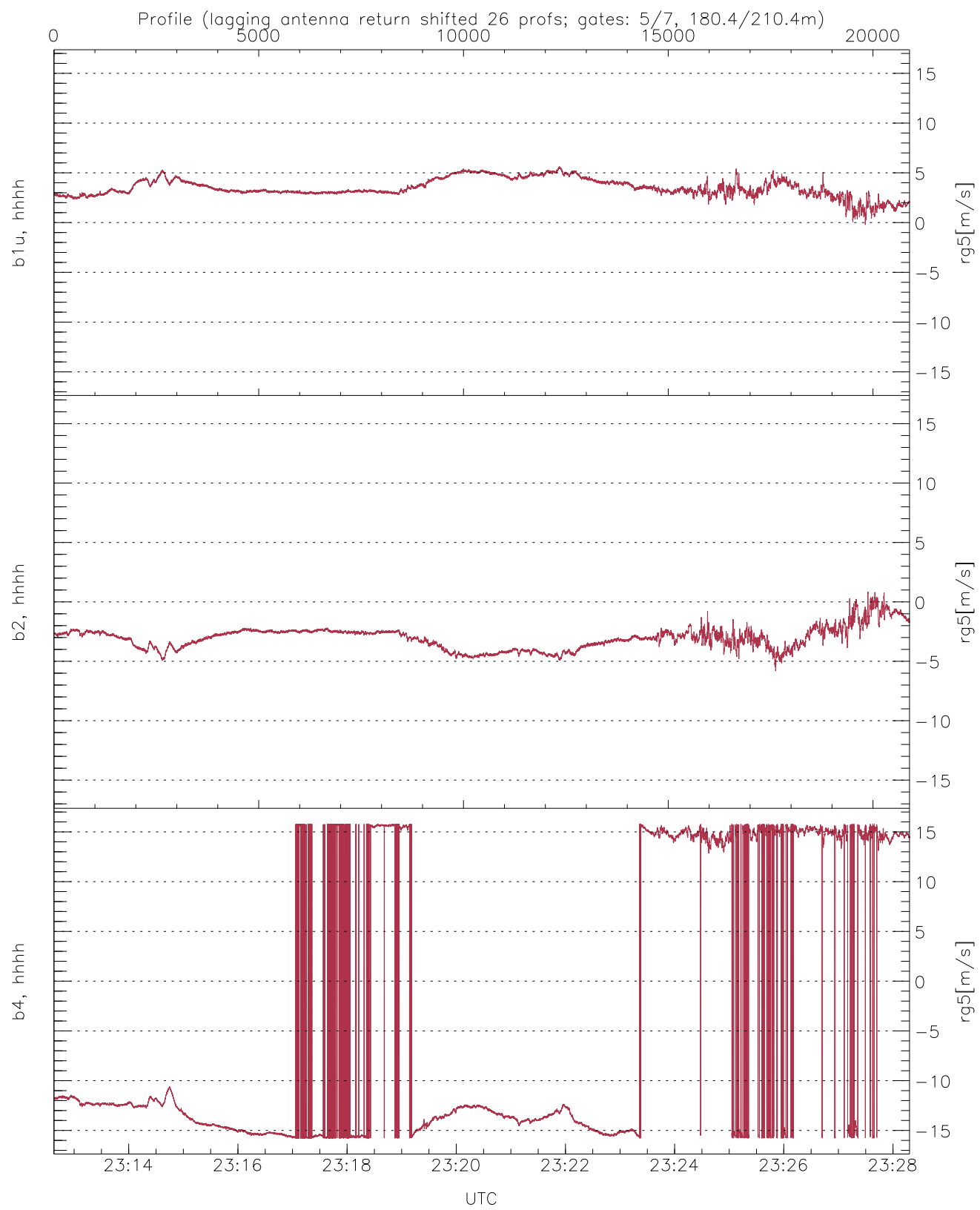
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-26.49	-4.78	-16.52
down(hh[dBm])	-30.41	-4.28	-17.51
down-fore(hh[dBm])	-33.57	-8.53	-21.71



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

	Min	Max	Mean
up/down(dB)	-7.05	9.46	1.53
down/down-fore(dB)	-1.97	13.49	5.47



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-0.22	5.66	3.49	0.93
b2, hhhh(rg5[m/s])	-5.82	0.84	-3.05	0.95
b4, hhhh(rg5[m/s])	-15.79	15.79	-3.84	13.87