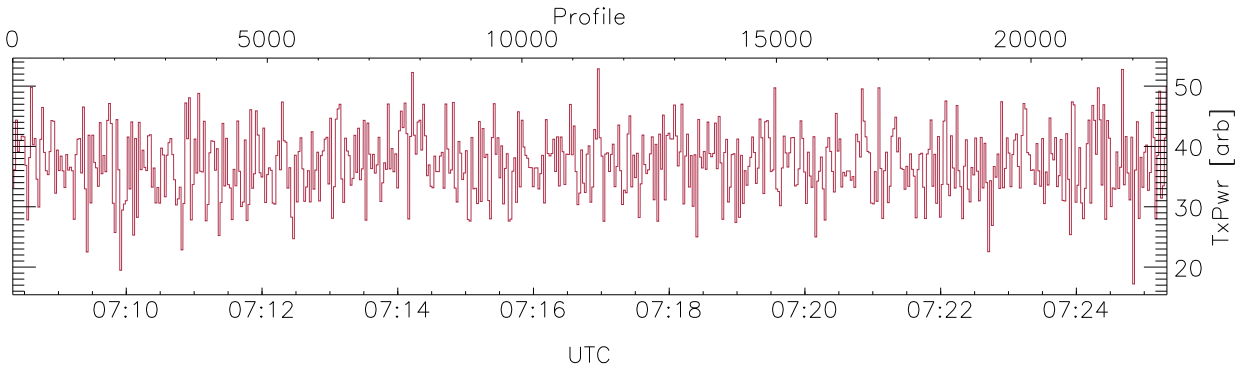
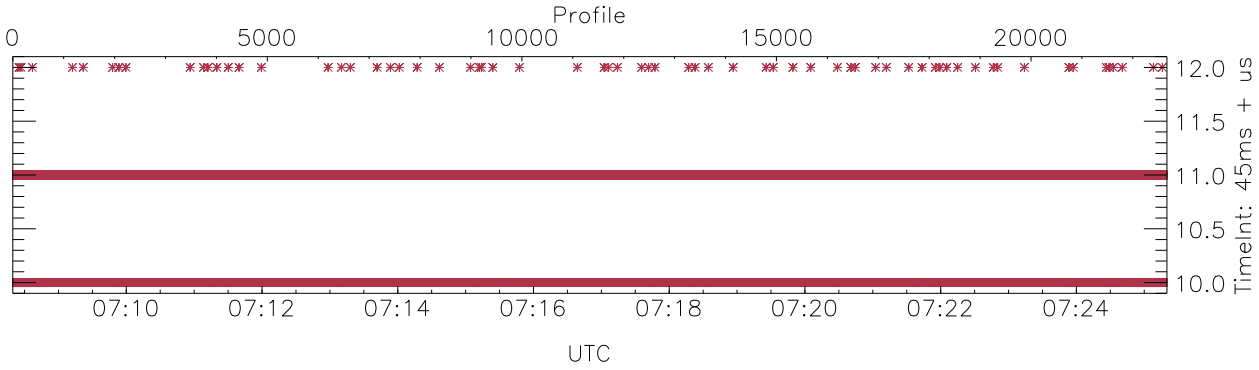
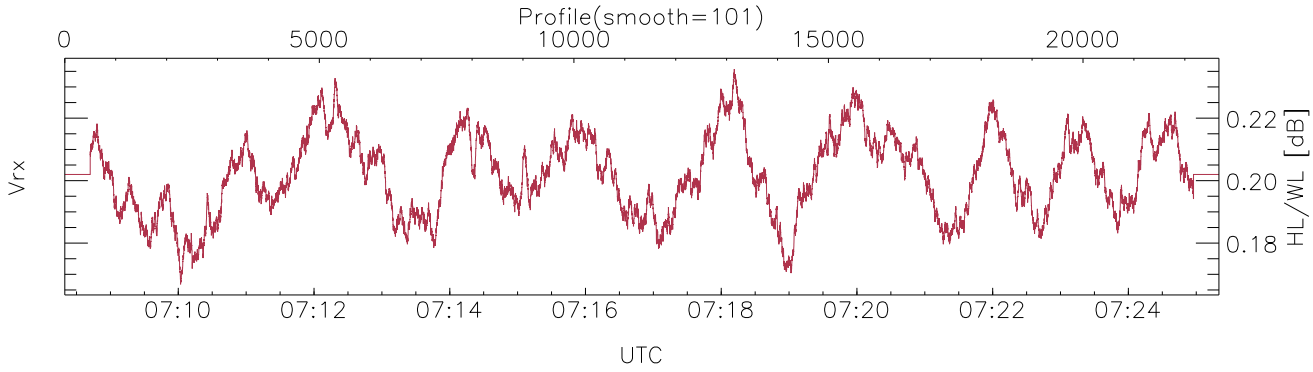
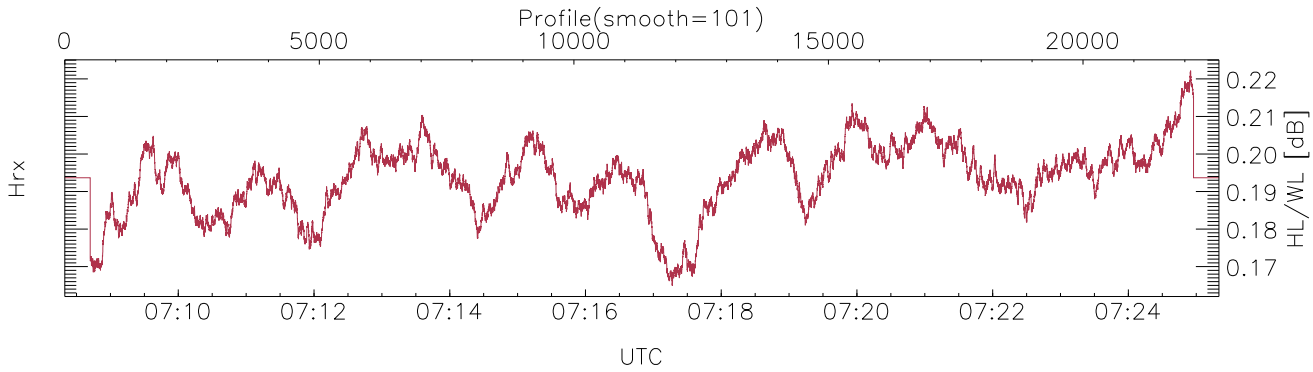


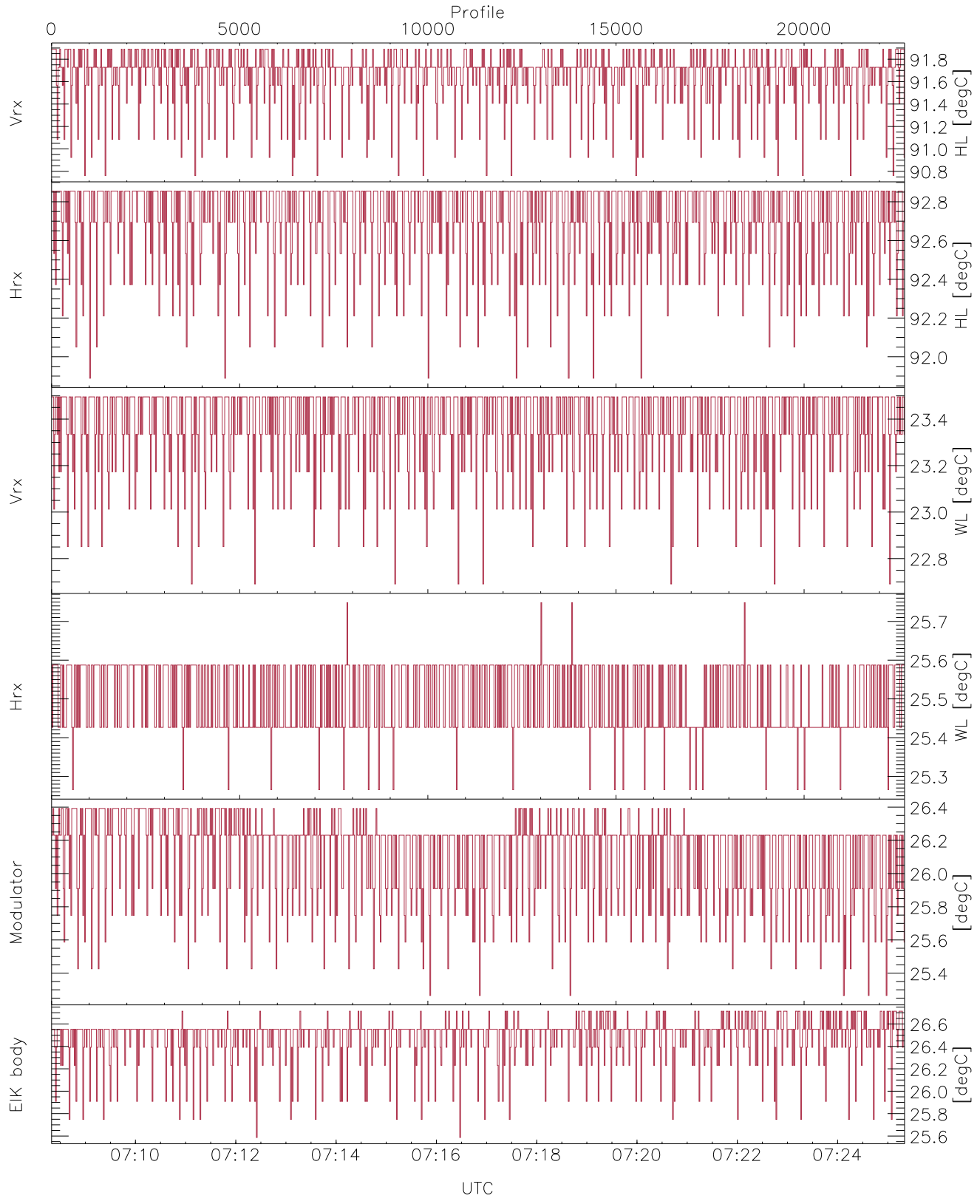






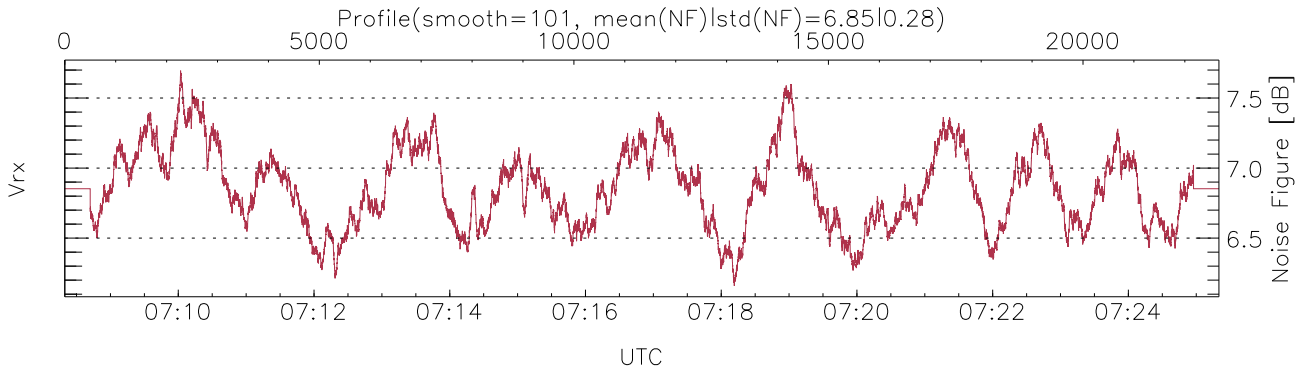
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

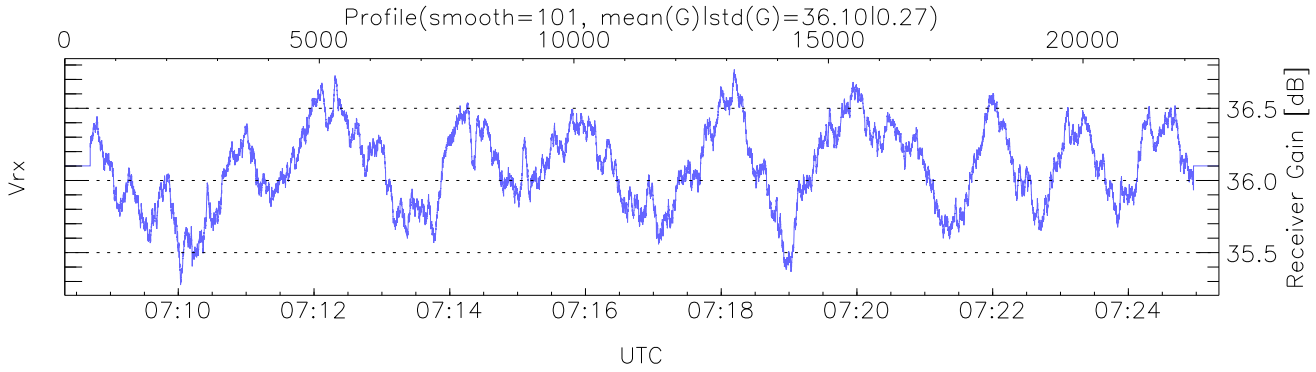
UTC: 07:08:20-07:25:20, TimeCor: 0.00s, Dur: 1020.45s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
NumRec(r/t): 22672/22672, 0-22671/07:08:20-07:25:20
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: 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,rgs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7
Mirror(-9|0|1|2,3,9x = no mirror|sideluplerror): 1

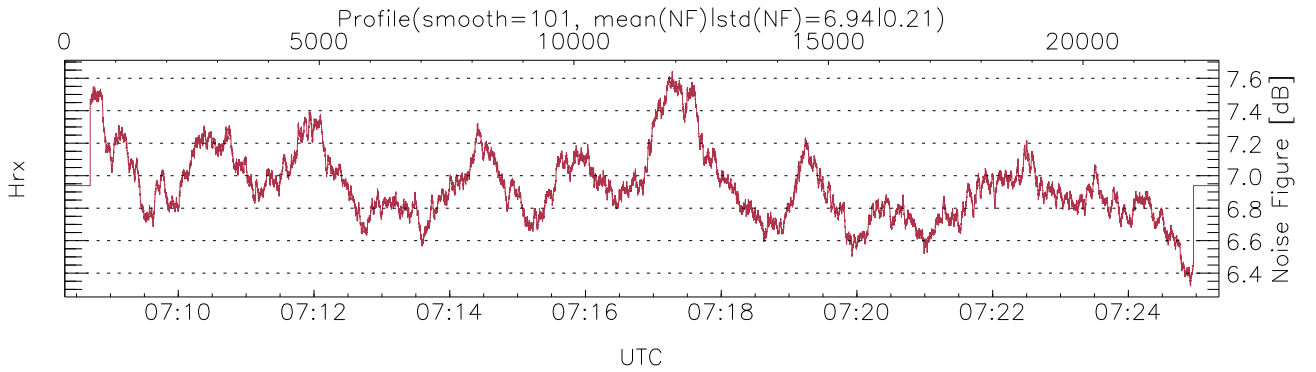


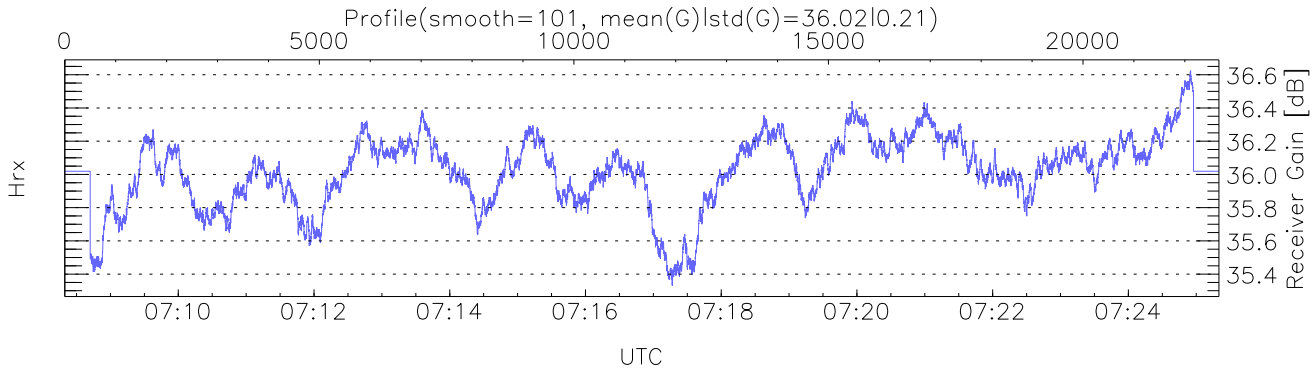
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,22,25,25,25
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,23,25,26,26
LOalarm(20,240,2817,14861 MHz): 0,0,48,0
EIK Faults(# prof affected):
BodyCurr,DeckF (22,22)



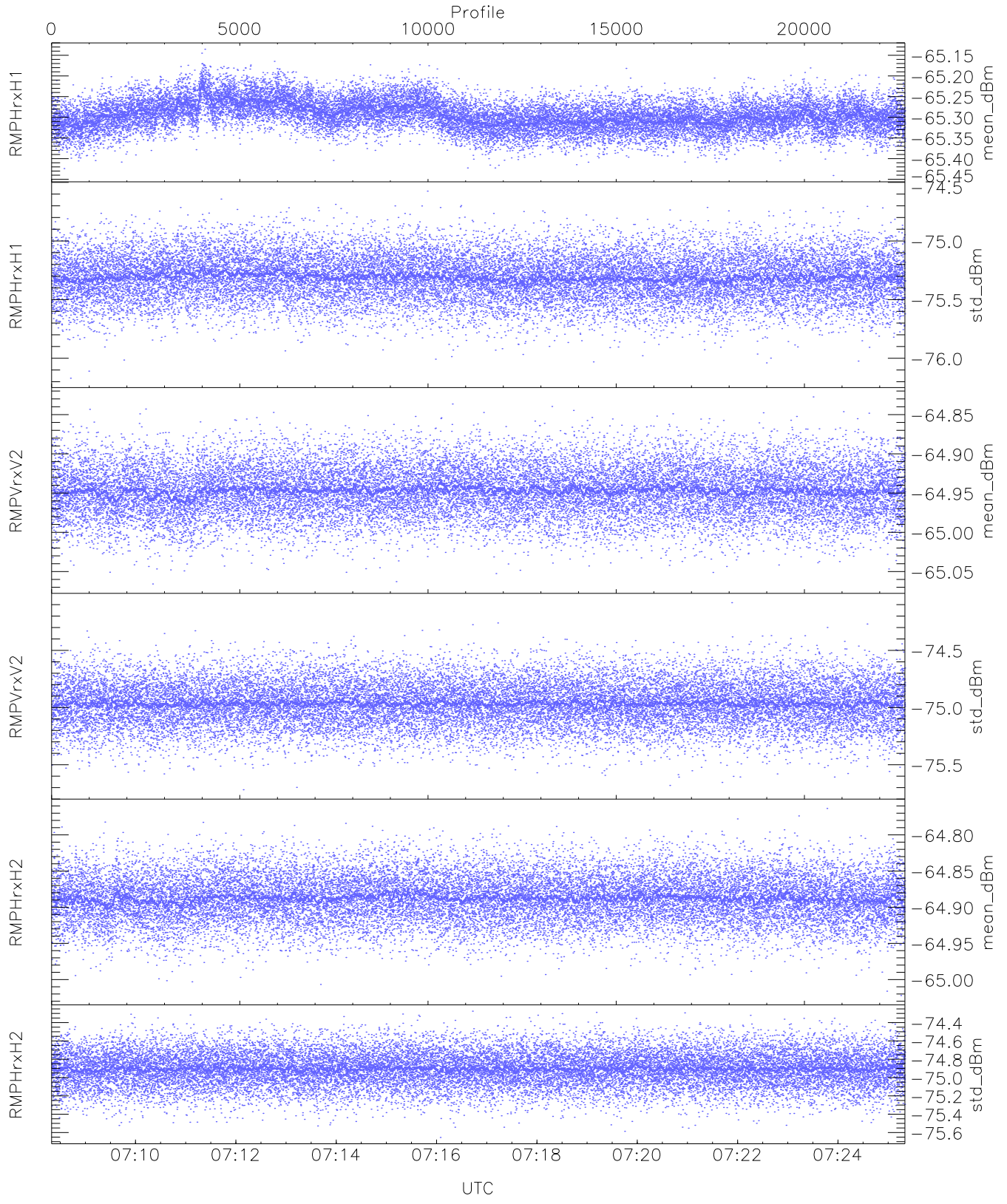






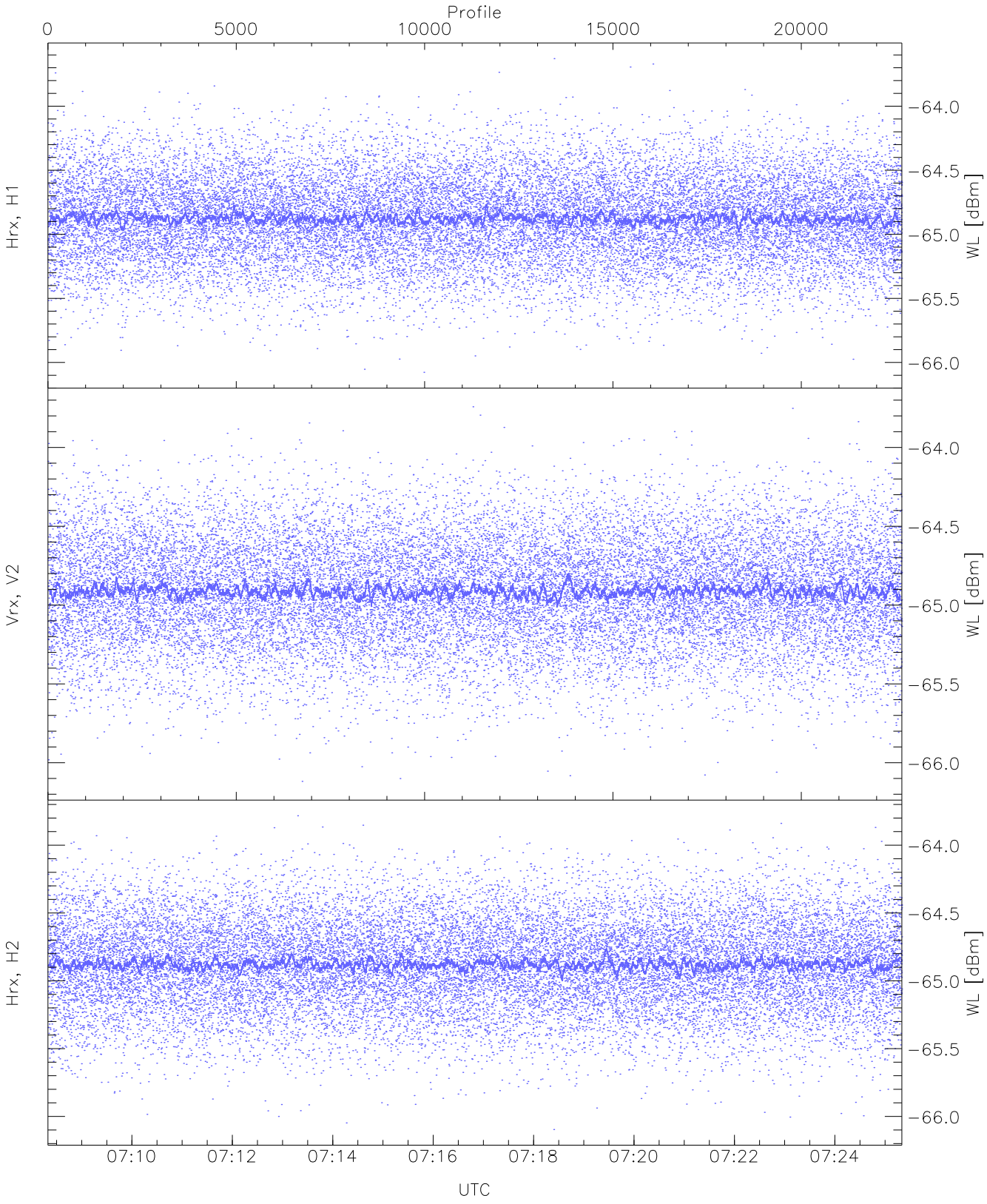
WCR3 CPP Receivers Gain and Noise Figure

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



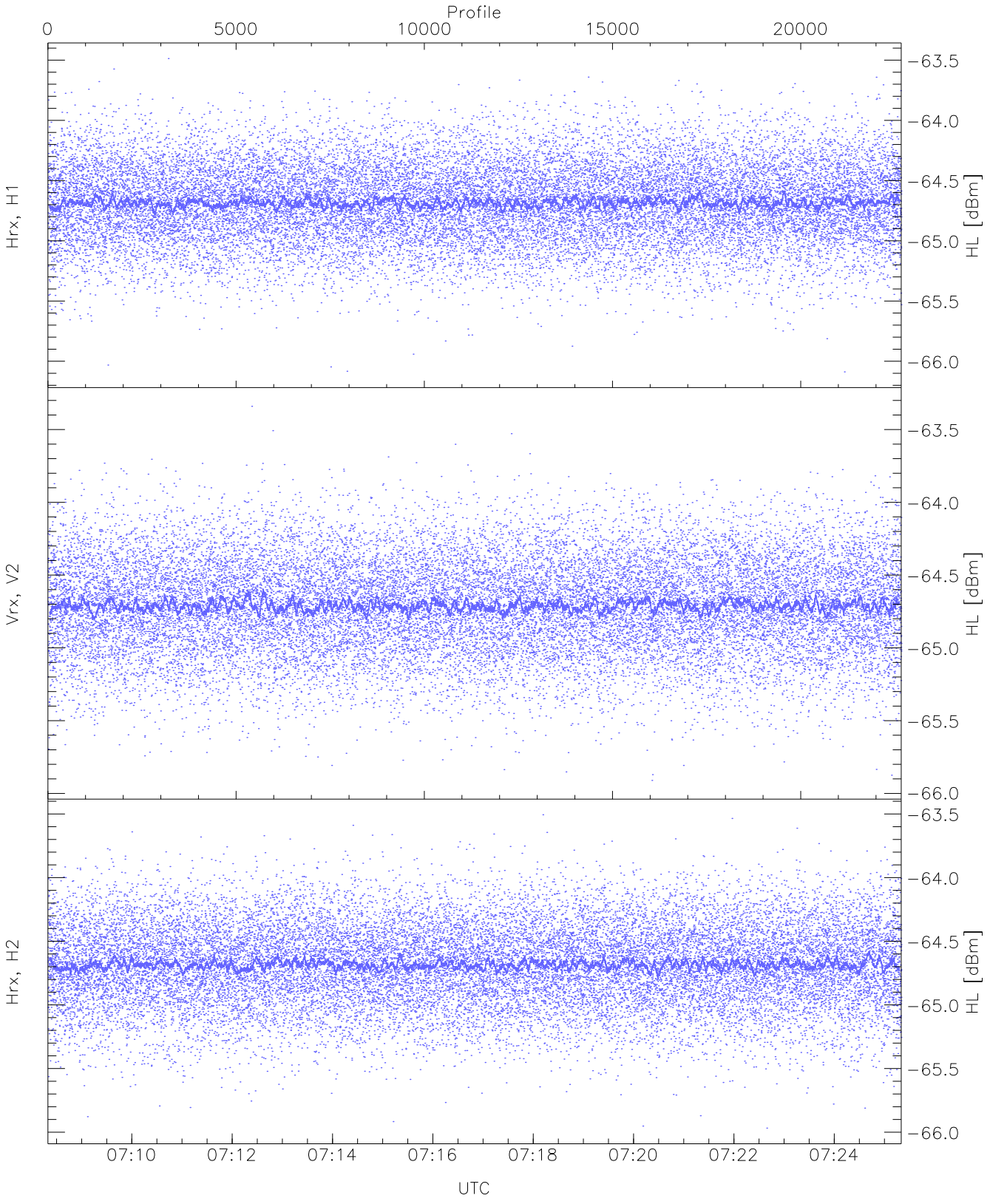
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.44	-65.14	-65.29	-65.30	-86.16
RMPHrxH1(std_dBm)	-76.17	-74.58	-75.31	-75.31	-89.07
RMPVrxV2(mean_dBm)	-65.07	-64.83	-64.95	-64.95	-86.56
RMPVrxV2(std_dBm)	-75.72	-74.08	-74.96	-74.97	-88.71
RMPHrxH2(mean_dBm)	-65.02	-64.76	-64.89	-64.89	-86.47
RMPHrxH2(std_dBm)	-75.65	-74.28	-74.90	-74.90	-88.73



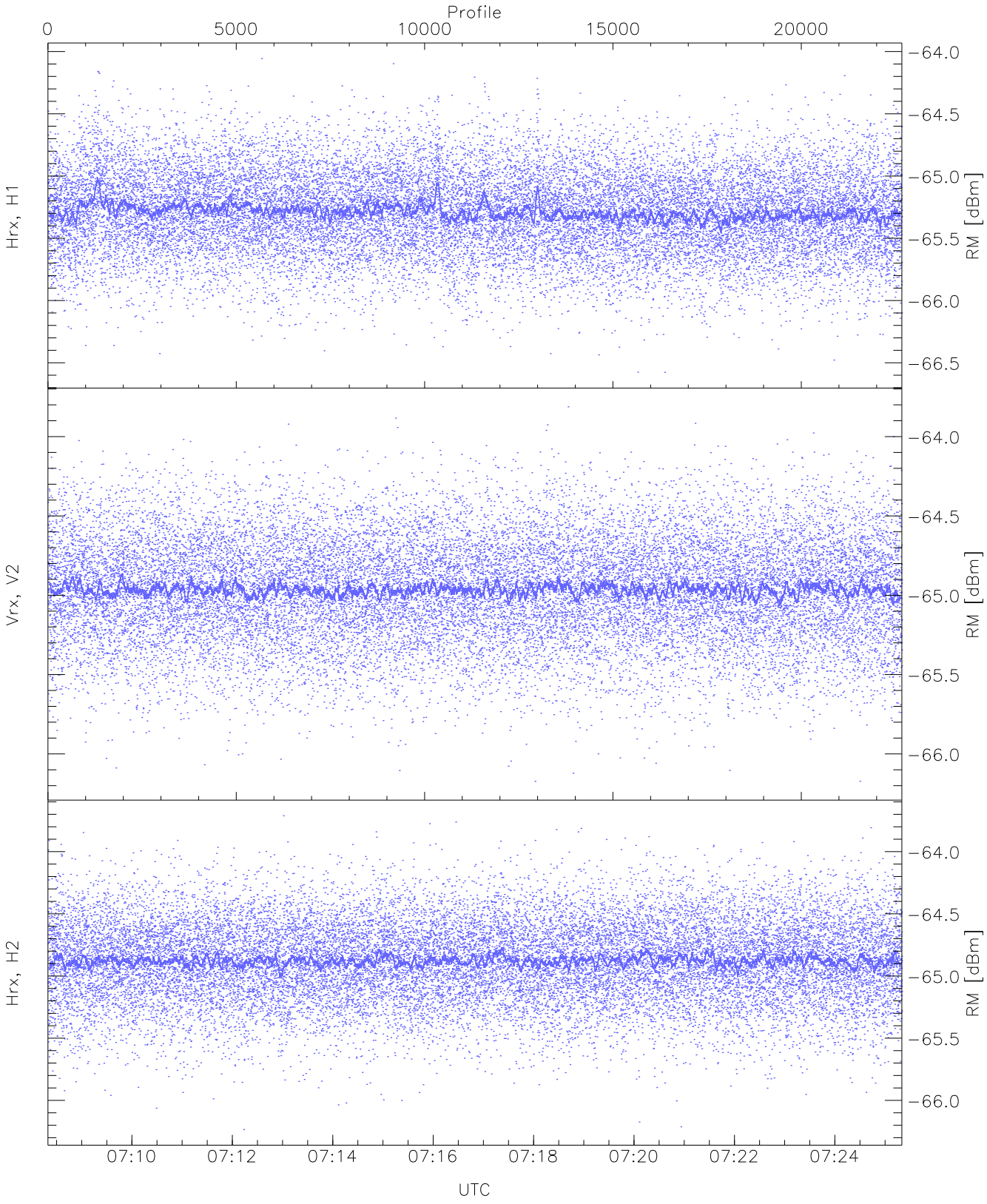
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.08	-63.63	-64.87	-64.88	-76.37
Vrx, V2(WL [dBm])	-66.12	-63.74	-64.90	-64.91	-76.40
Hrx, H2(WL [dBm])	-66.10	-63.78	-64.87	-64.88	-76.39



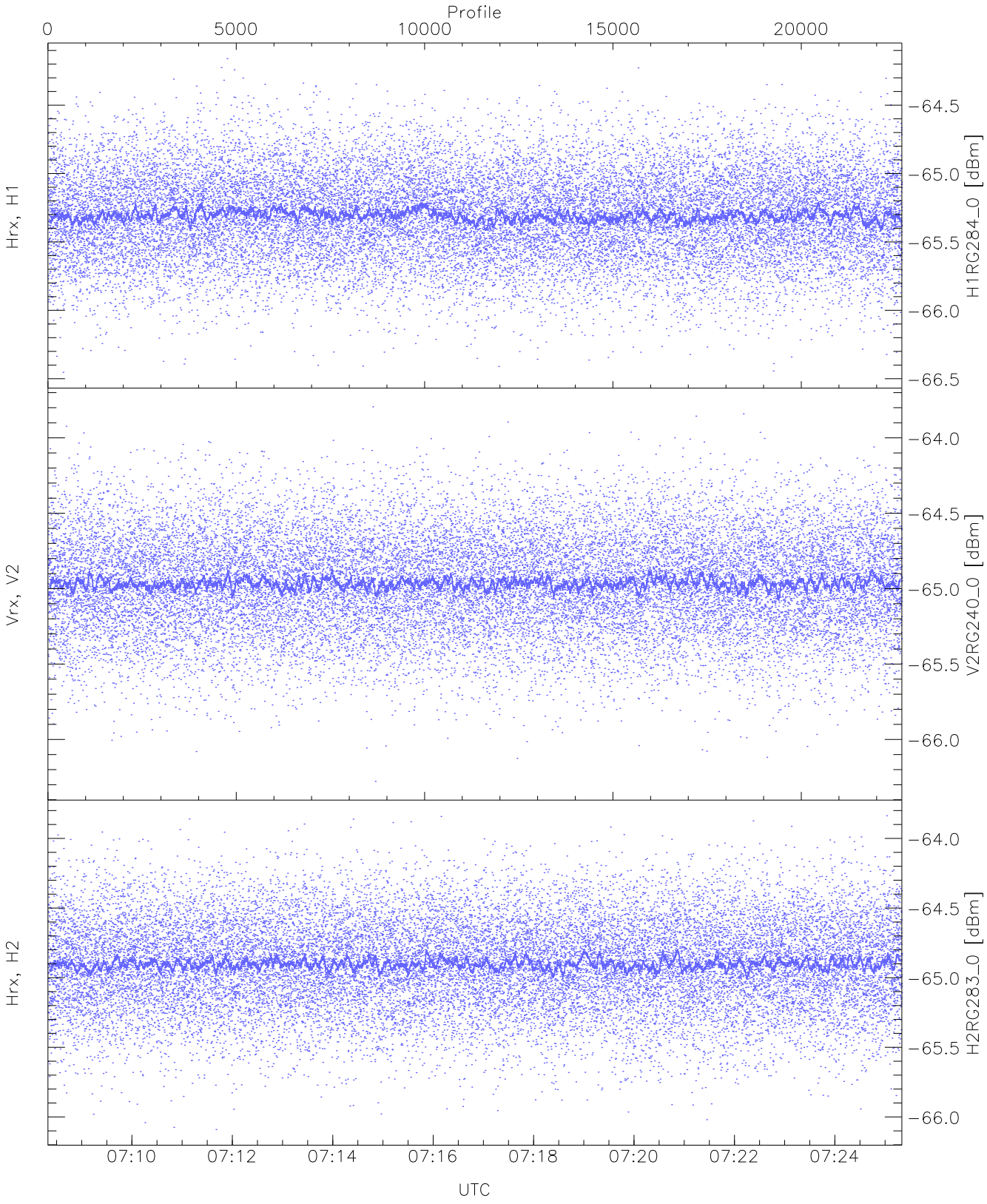
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-66.09	-63.49	-64.68	-64.68	-76.17
Vrx, V2(HL [dBm])	-65.91	-63.34	-64.70	-64.71	-76.21
Hrx, H2(HL [dBm])	-65.97	-63.51	-64.68	-64.68	-76.20



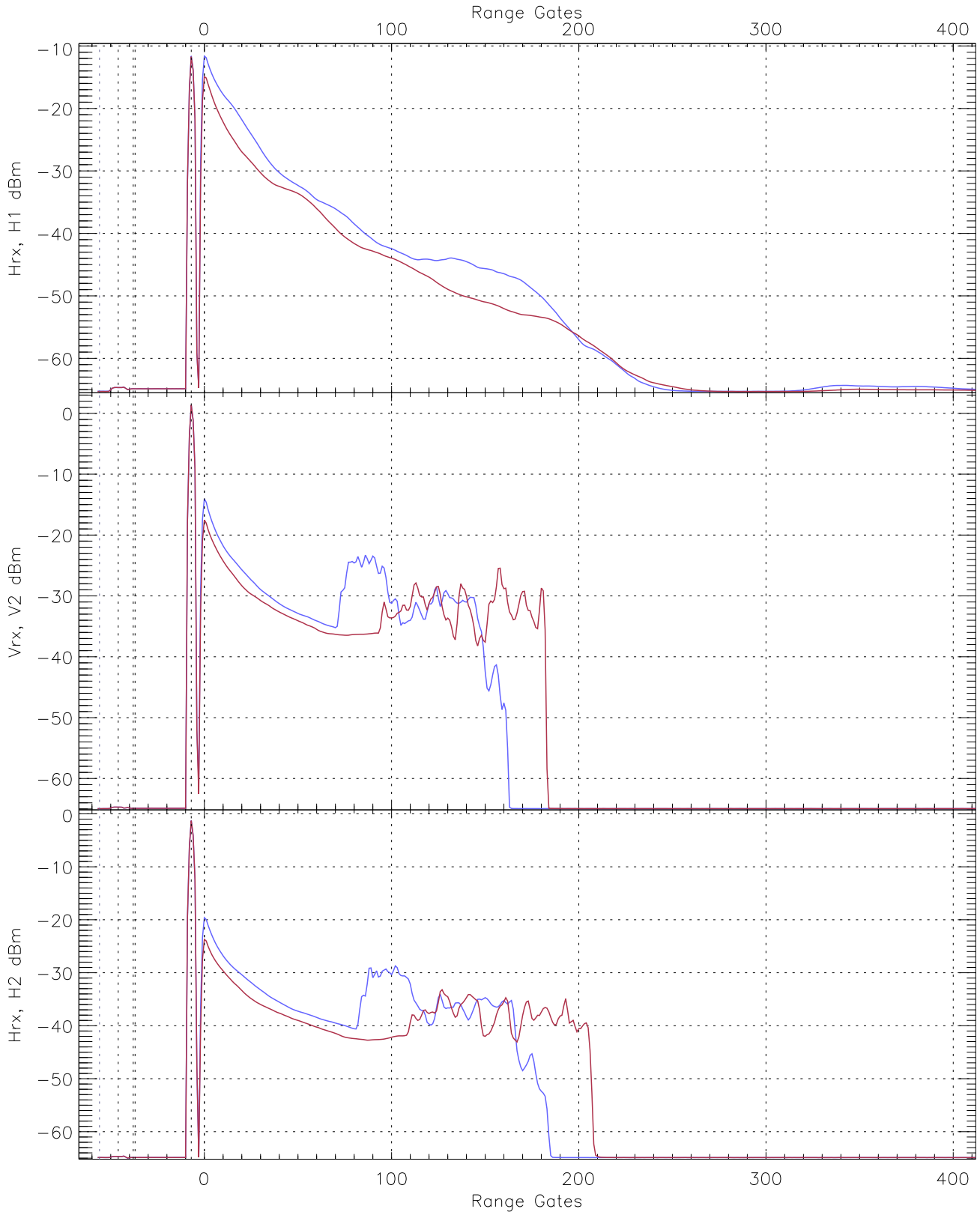
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.58	-64.06	-65.28	-65.29	-76.69
Vrx, V2(RM [dBm])	-66.17	-63.81	-64.96	-64.96	-76.48
Hrx, H2(RM [dBm])	-66.23	-63.71	-64.87	-64.88	-76.36

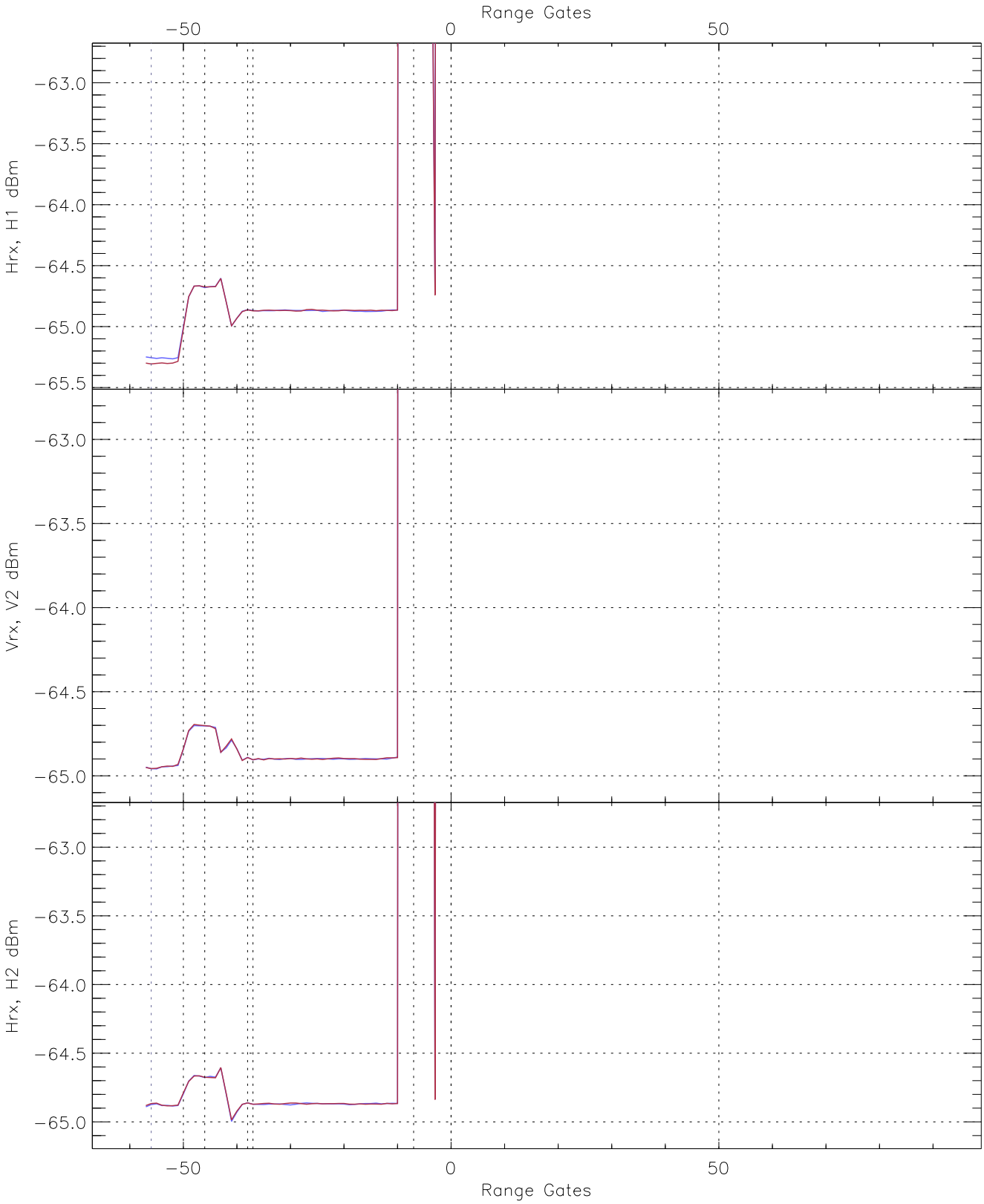


WCR3 CPP "Best" estimate Receivers Noise Power

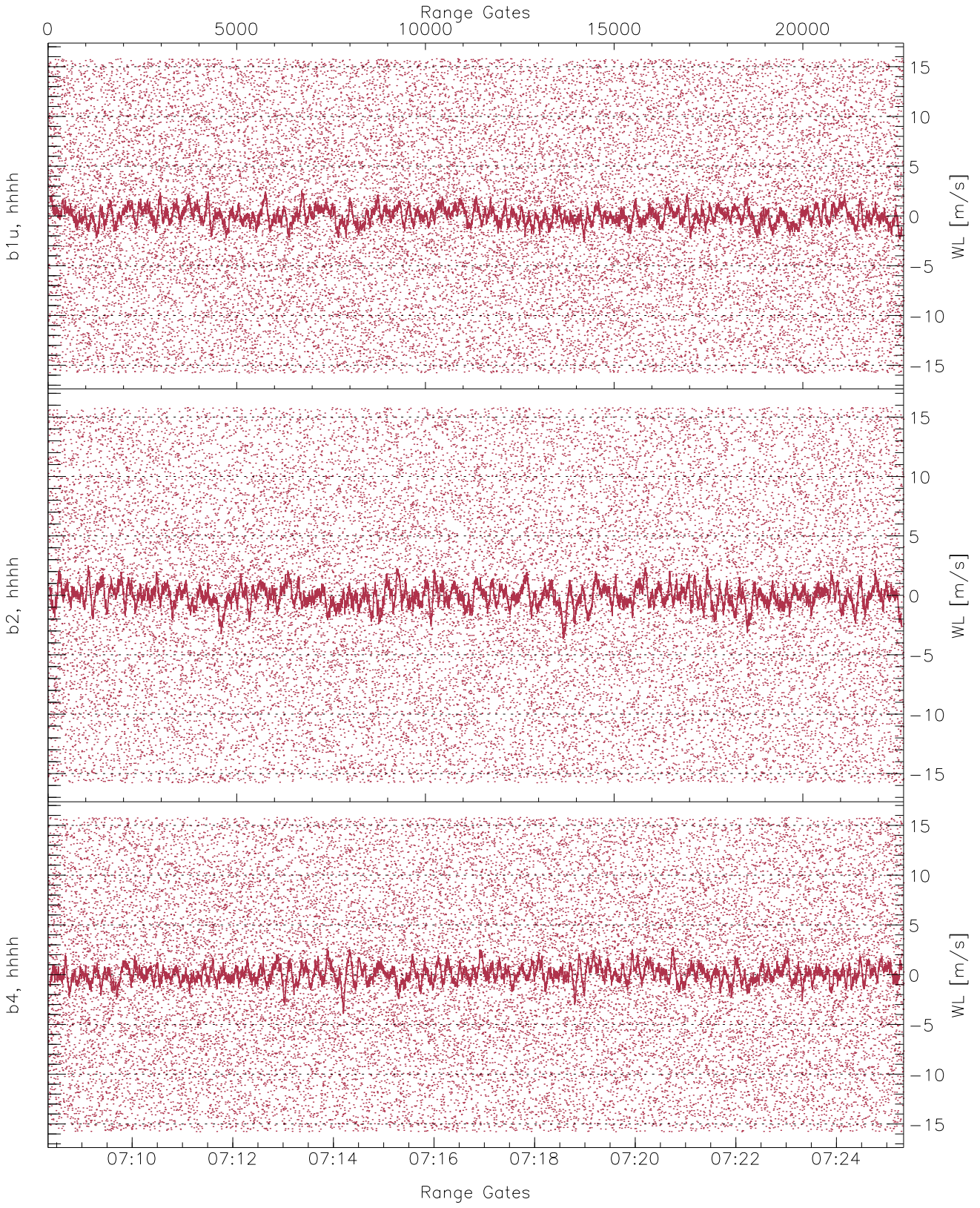
	Min	Max	Mean	Median	StDev
H1RG284_0 [dBm]	-66.45	-64.16	-65.30	-65.31	-76.81
V2RG240_0 [dBm]	-66.28	-63.79	-64.96	-64.97	-76.45
H2RG283_0 [dBm]	-66.09	-63.84	-64.89	-64.90	-76.39



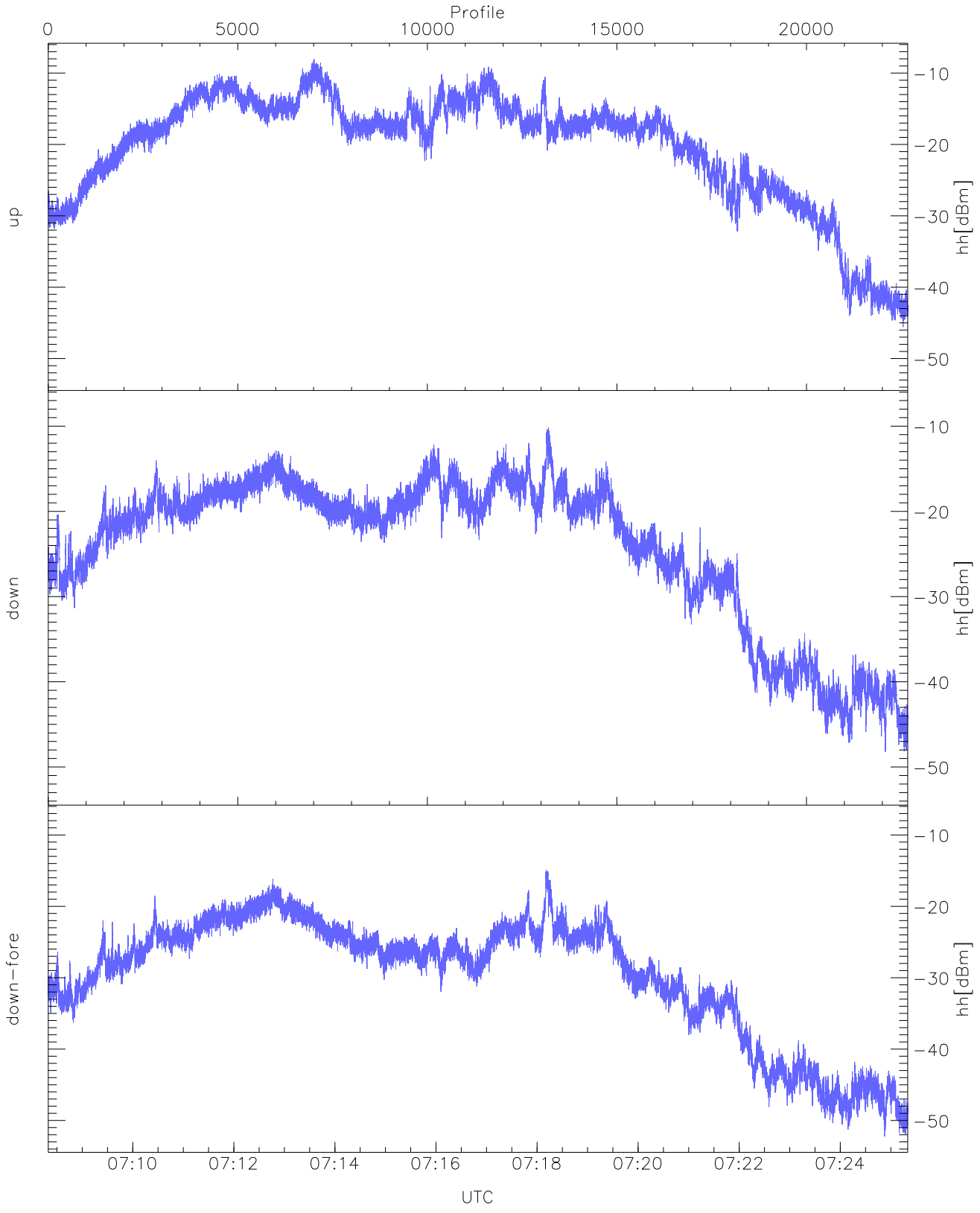
WCR3 CPP Averaged Received power for all recorded gates
blue: 070820-071650, 11337 profiles averaged
red: 071650-072520, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 070820-071650, 11337 profiles averaged
red: 071650-072520, 11336 profiles averaged

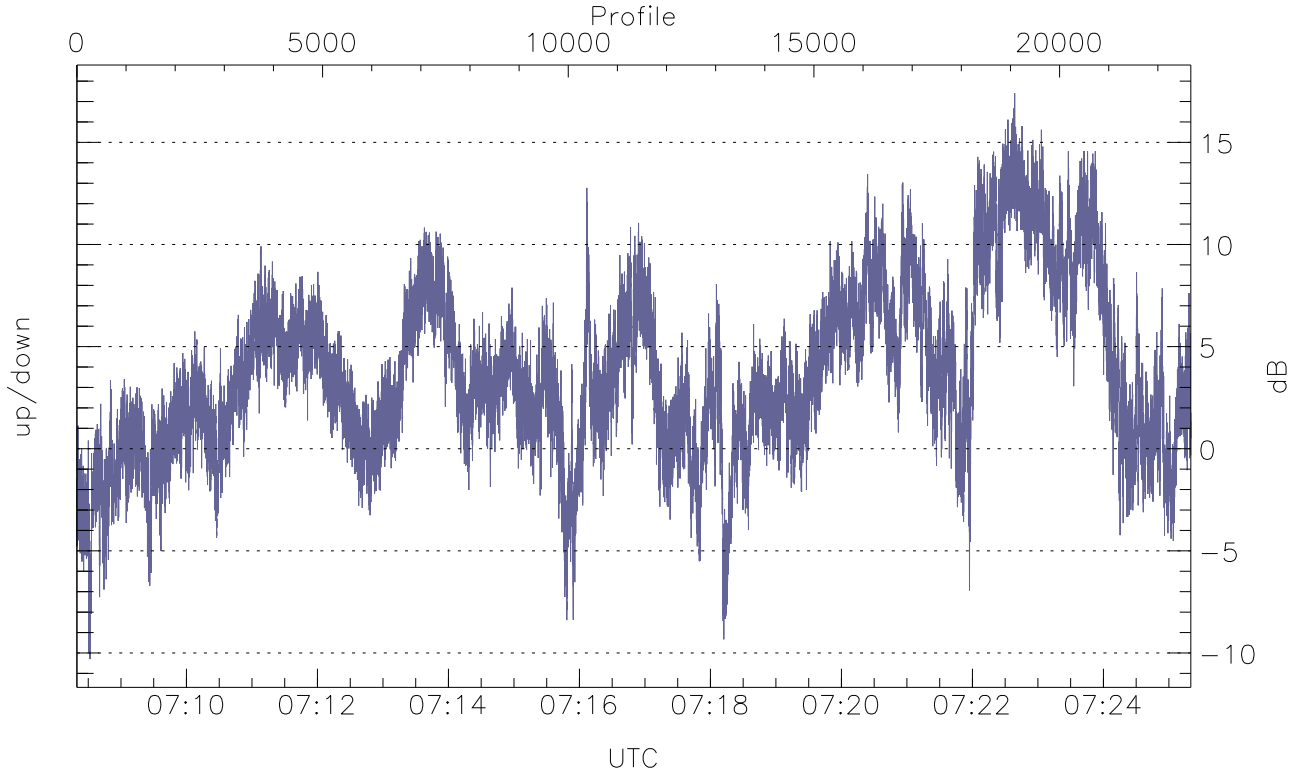


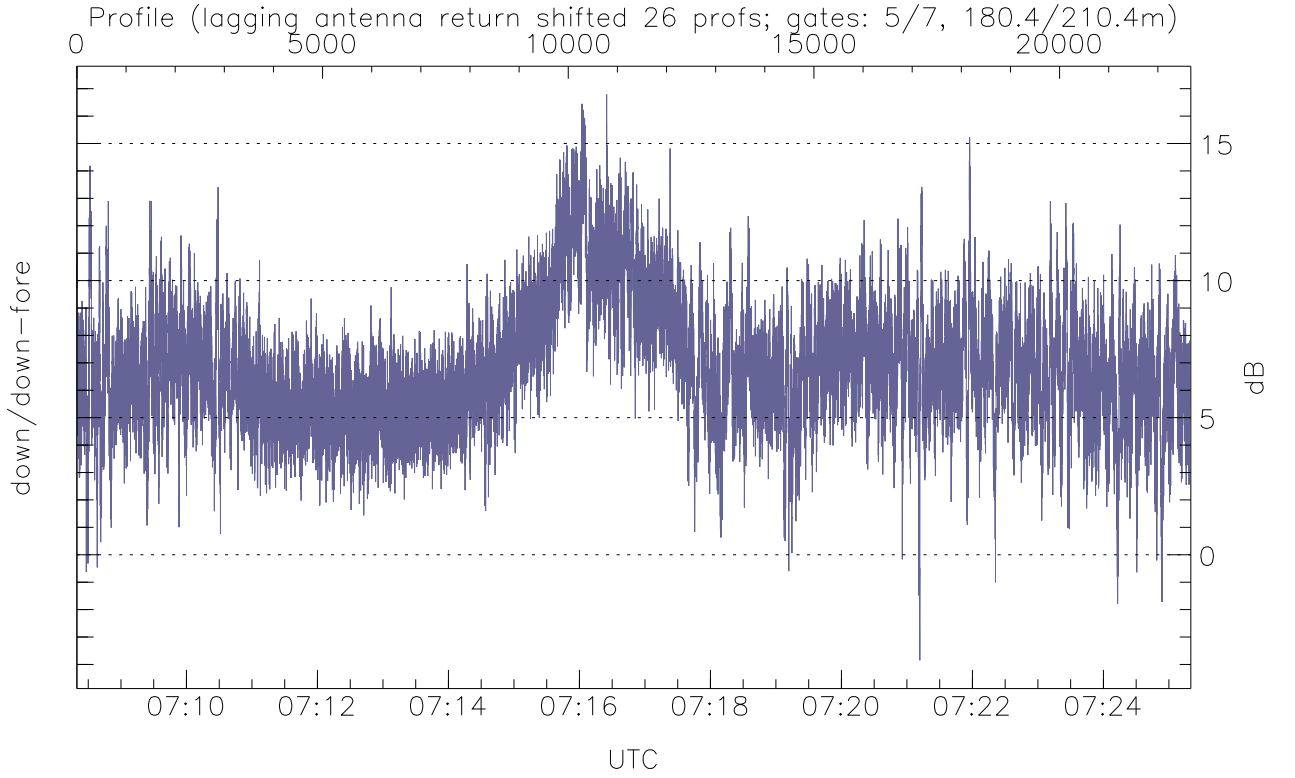
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

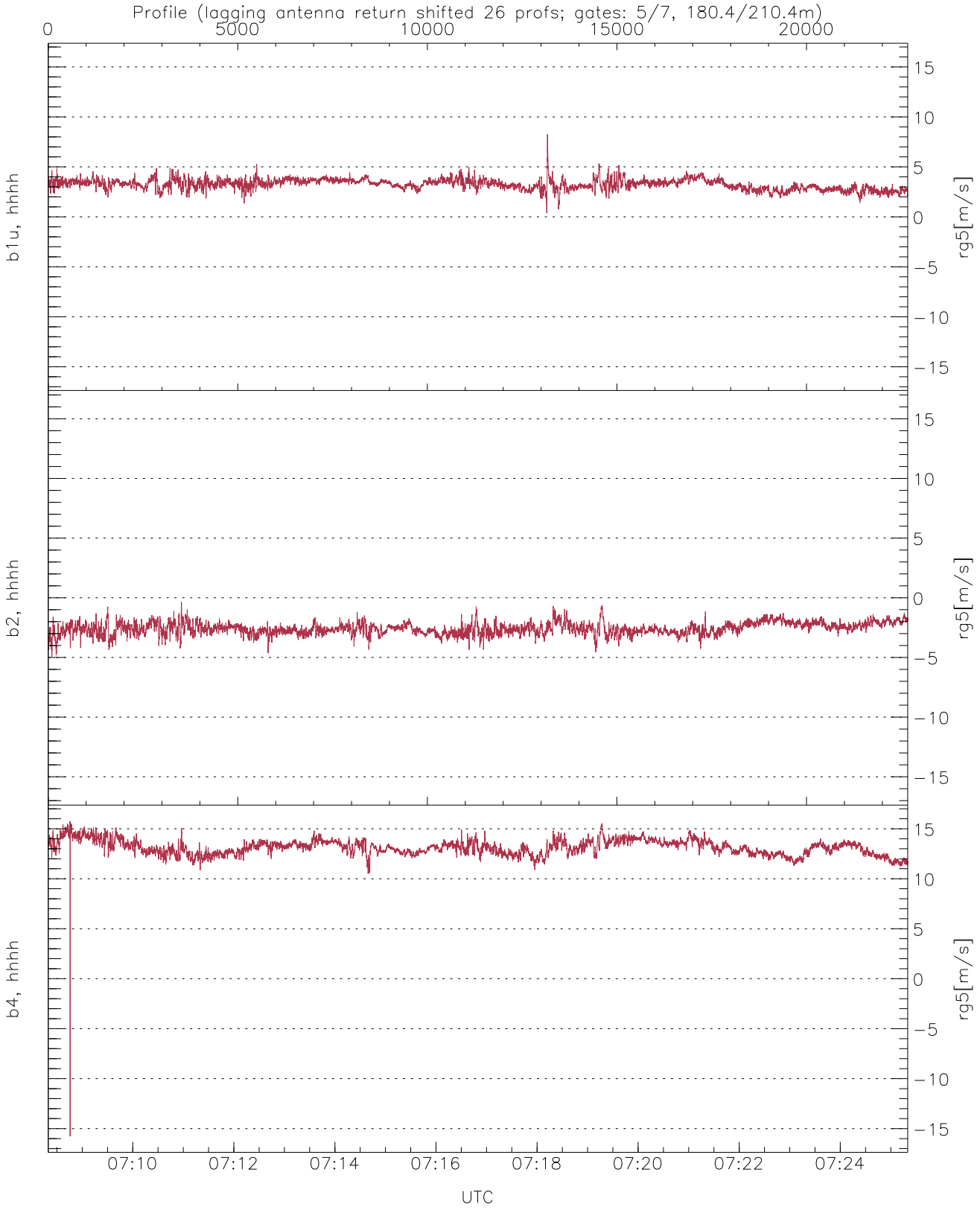
	Min	Max	Mean
up(hh[dBm])	-45.59	-8.03	-16.60
down(hh[dBm])	-48.24	-10.16	-19.74
down-fore(hh[dBm])	-52.26	-14.89	-25.12





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

	Min	Max	Mean
up/down(dB)	-10.30	17.40	3.73
down/down-fore(dB)	-3.85	16.79	6.85



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	0.38	8.25	3.24	0.52
b2, hhhh(rg5[m/s])	-4.94	-0.36	-2.58	0.50
b4, hhhh(rg5[m/s])	-15.77	15.74	13.11	0.78