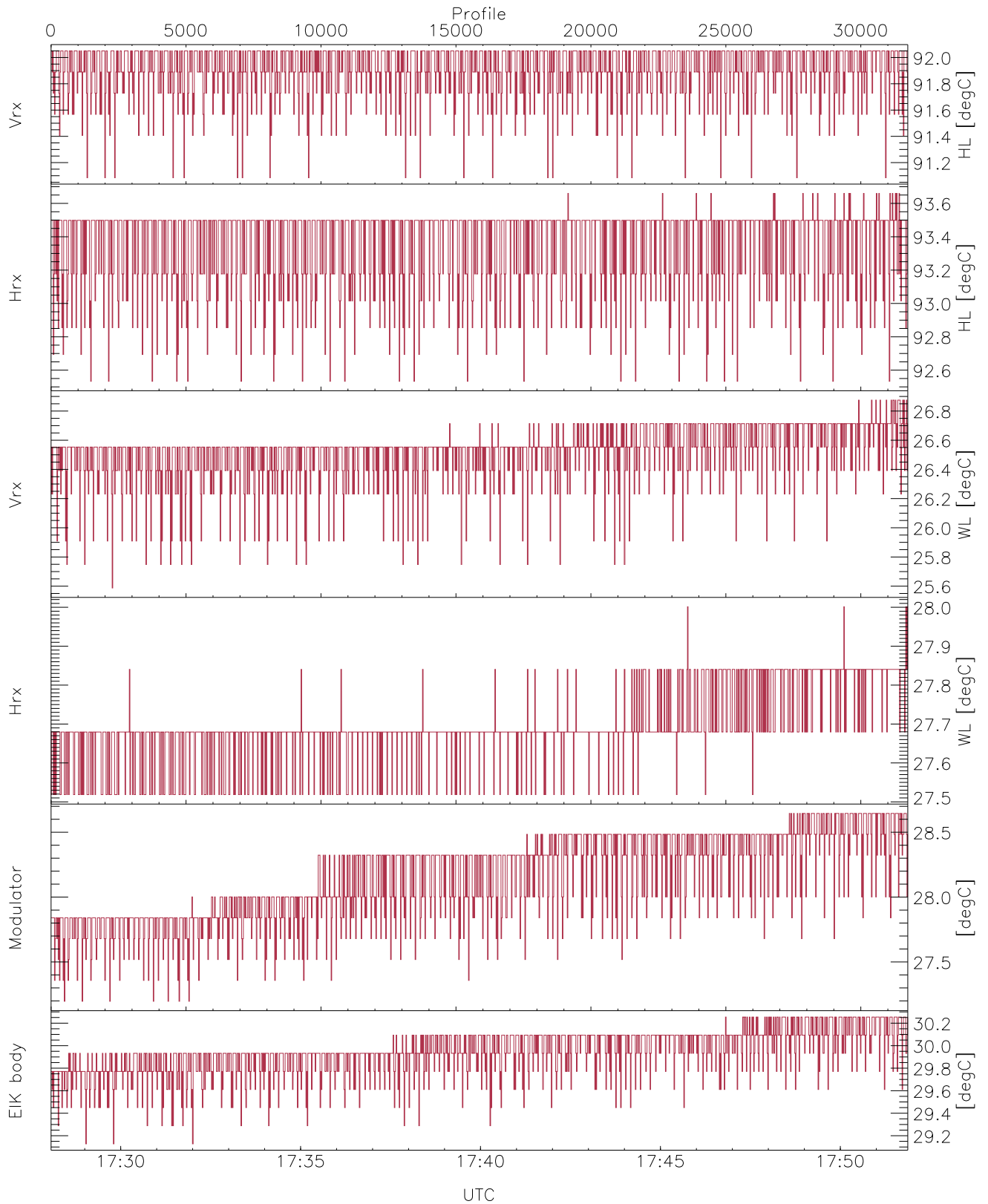


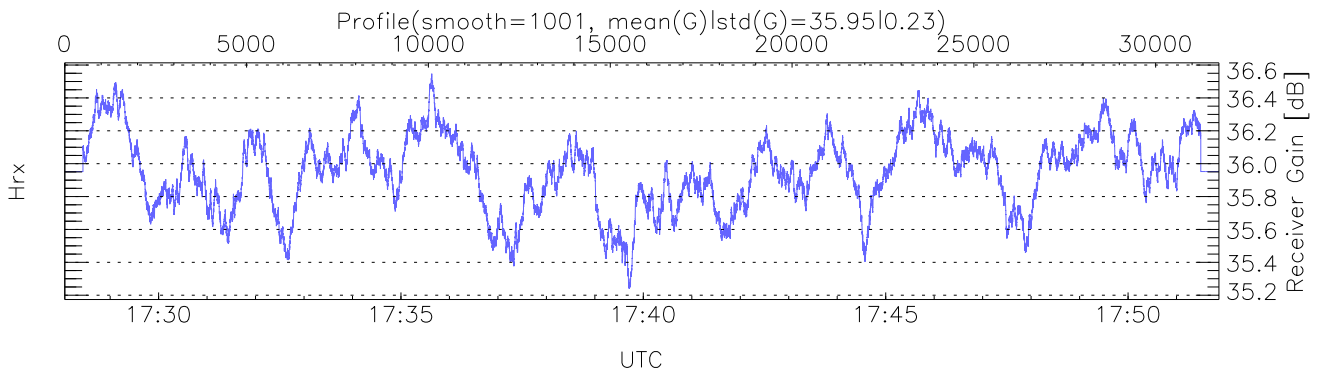
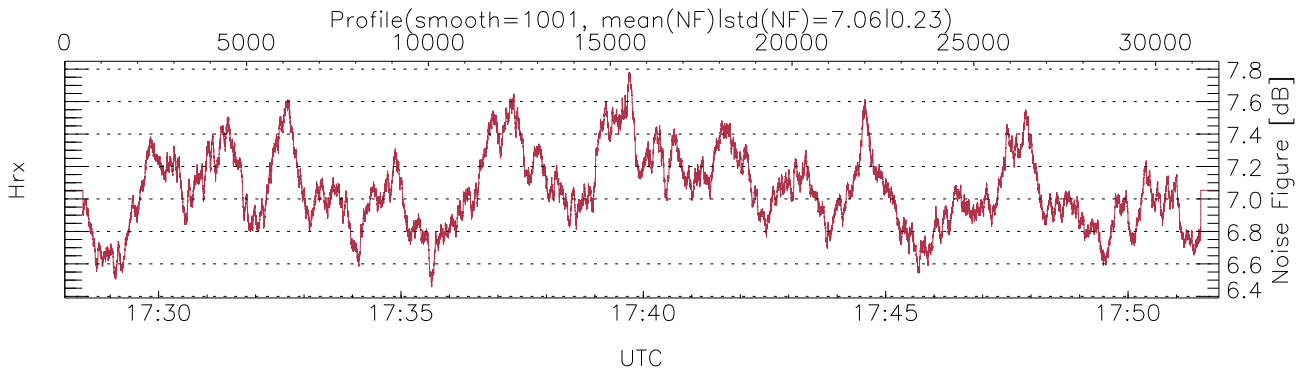
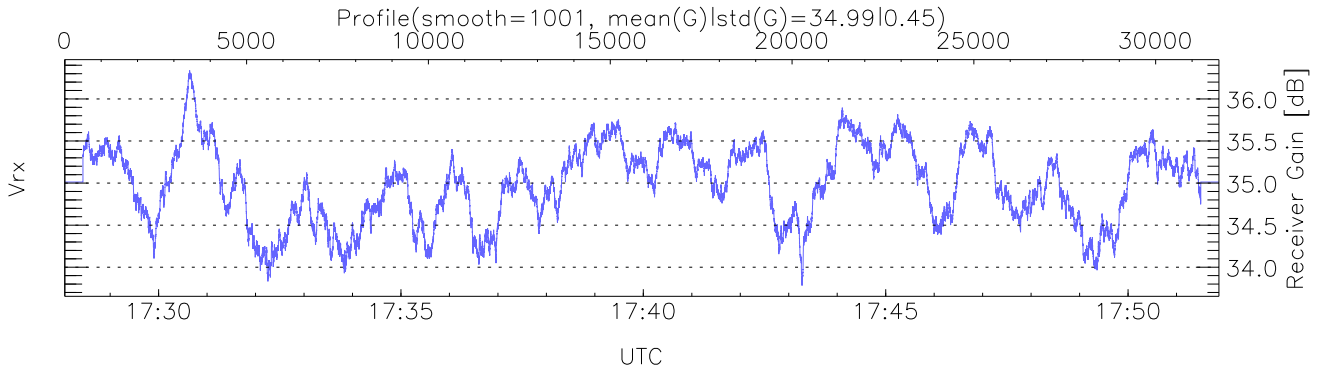
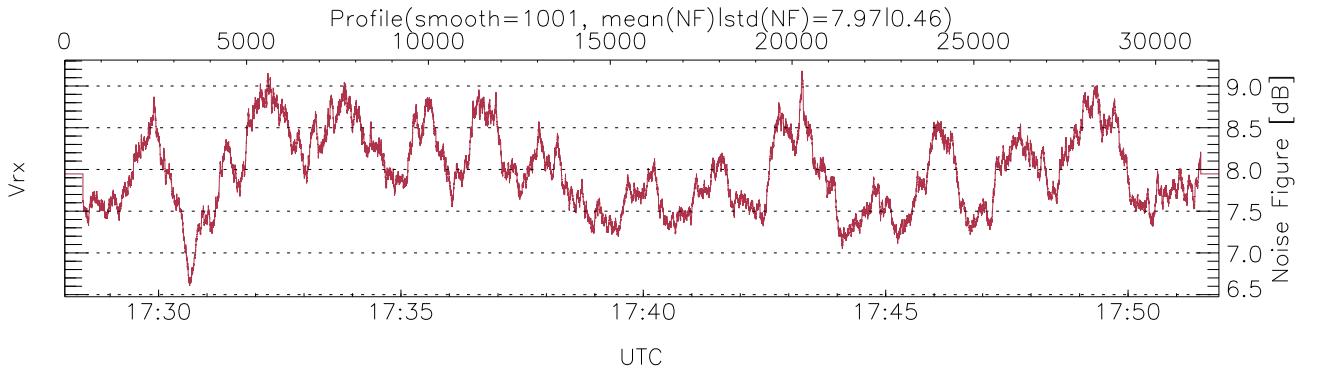
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 17:28:04-17:51:53, TimeCor: 0.00s, Dur: 1428.66s
 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): 31741/31741, 0-31740/17:28:04-17:51:53
 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(-910112,3,9x = no mirror/sideluplerror): 91



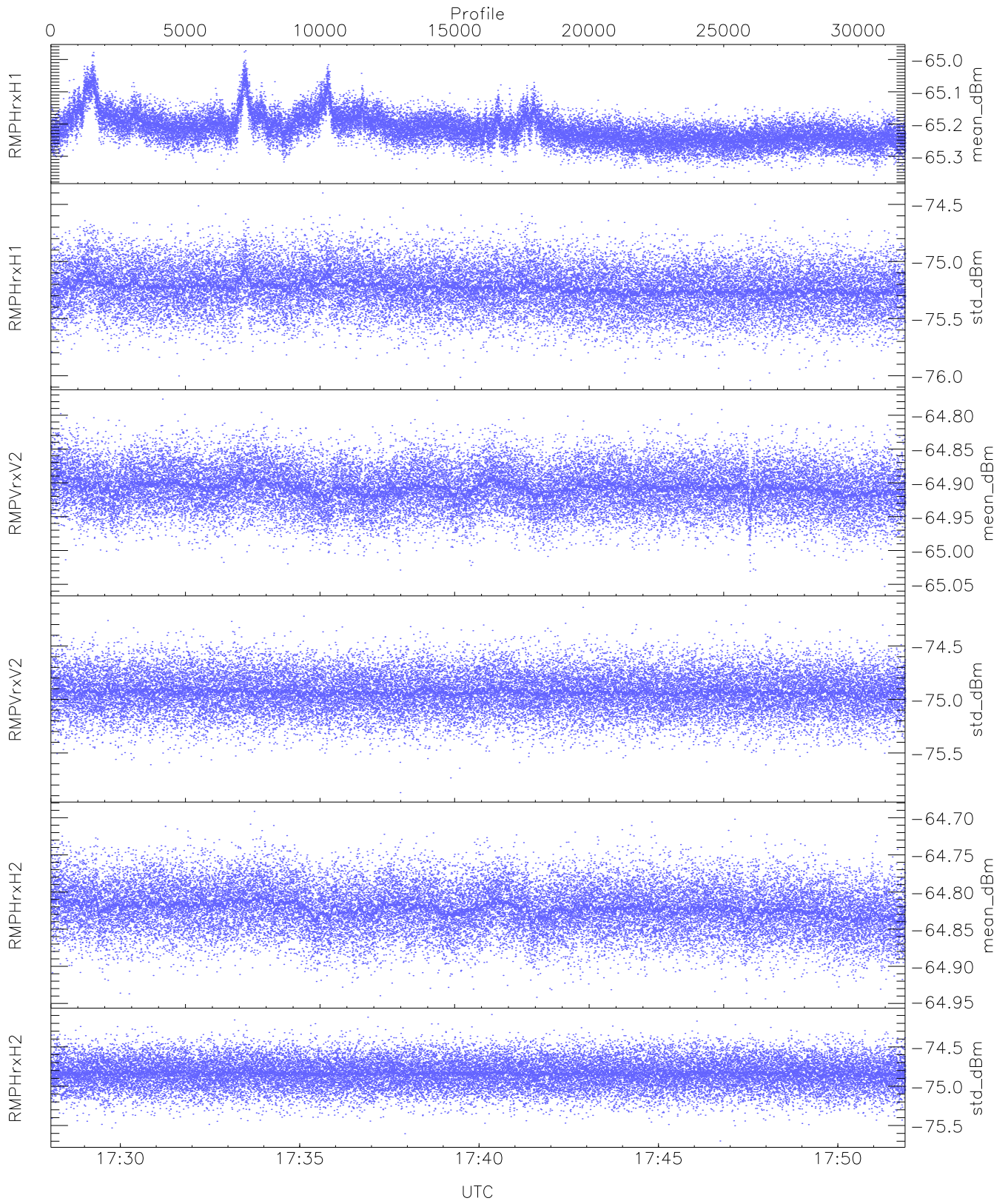
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,25,27,27,29
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,26,28,28,30
 LOalarm(20,240,2817,14861 MHz): 0,0,22,0
 EIK Faults(# prof affected):
 DeckT,CollT,BodyCurr,Fault2,DeckF,OverDuty,HVPS,Fault1 (68,68,68,22,68,68,68,22)



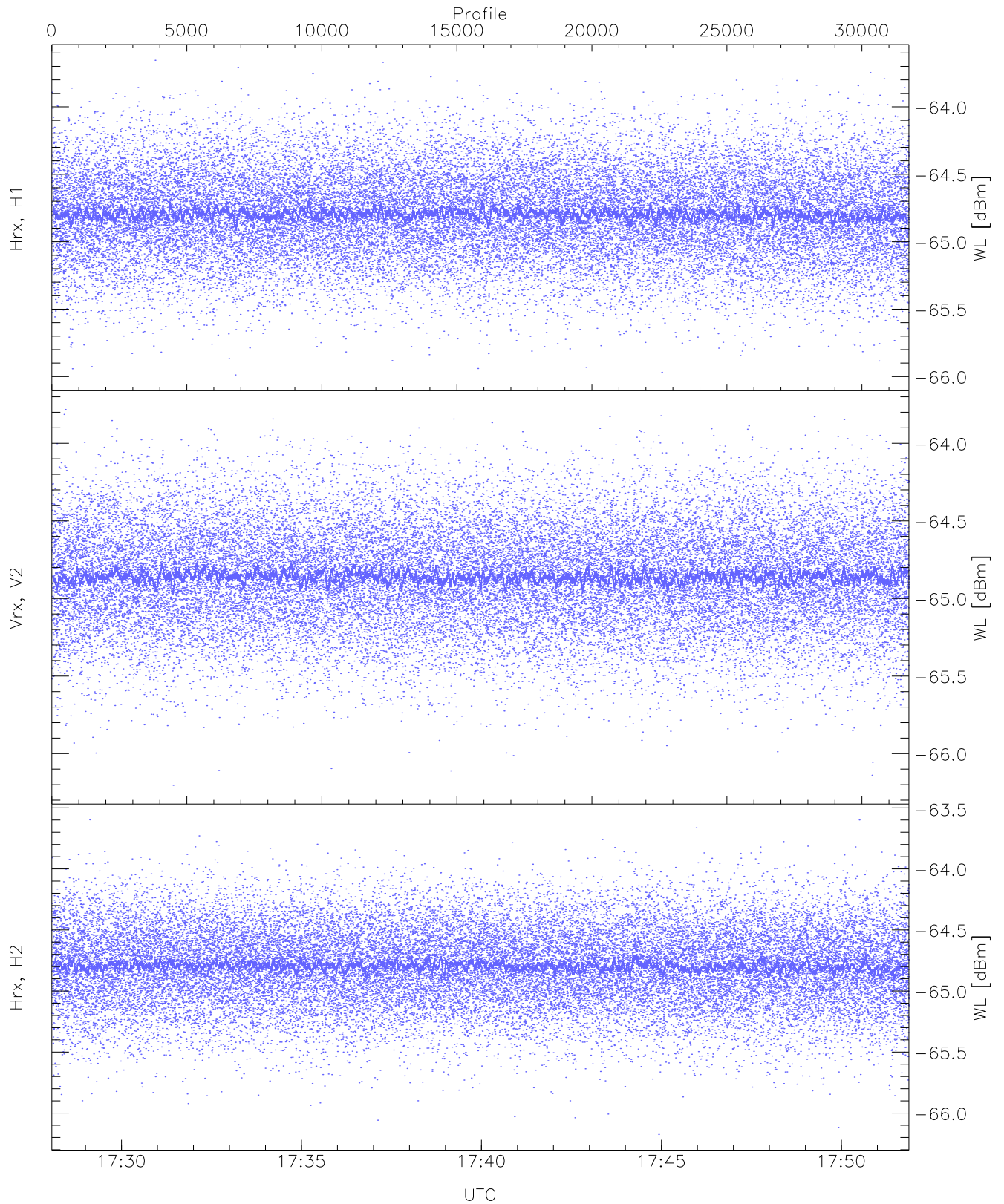
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 4 pixs, 2 gates, 4 profs, 1 prod(s)



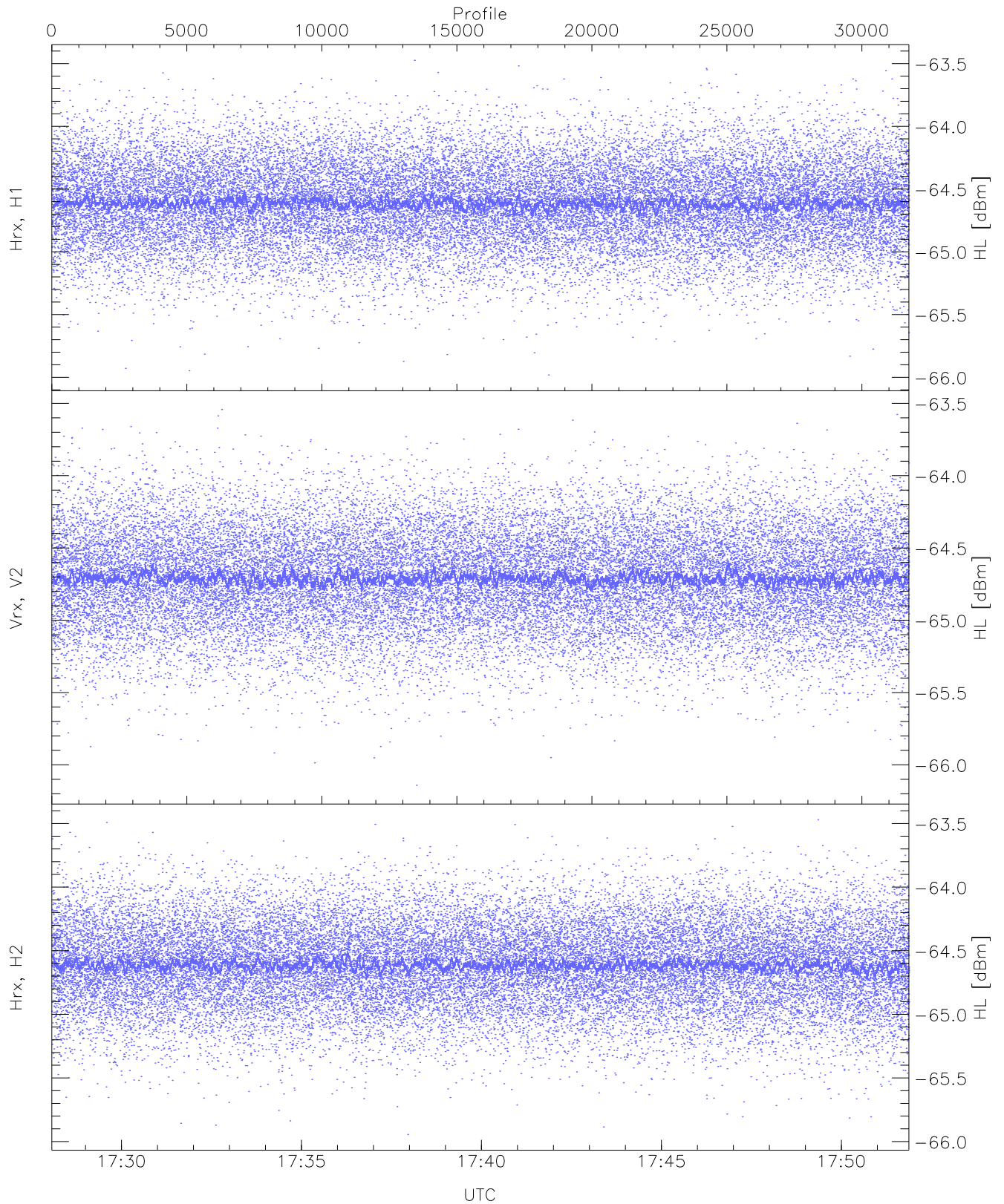
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.37	-64.97	-65.21	-65.22	-84.83
RMPHrxH1(std_dBm)	-76.04	-74.40	-75.23	-75.23	-88.92
RMPVrxV2(mean_dBm)	-65.05	-64.78	-64.91	-64.91	-86.39
RMPVrxV2(std_dBm)	-75.87	-74.12	-74.93	-74.93	-88.72
RMPHrxH2(mean_dBm)	-64.94	-64.69	-64.82	-64.82	-86.34
RMPHrxH2(std_dBm)	-75.70	-74.09	-74.84	-74.84	-88.64



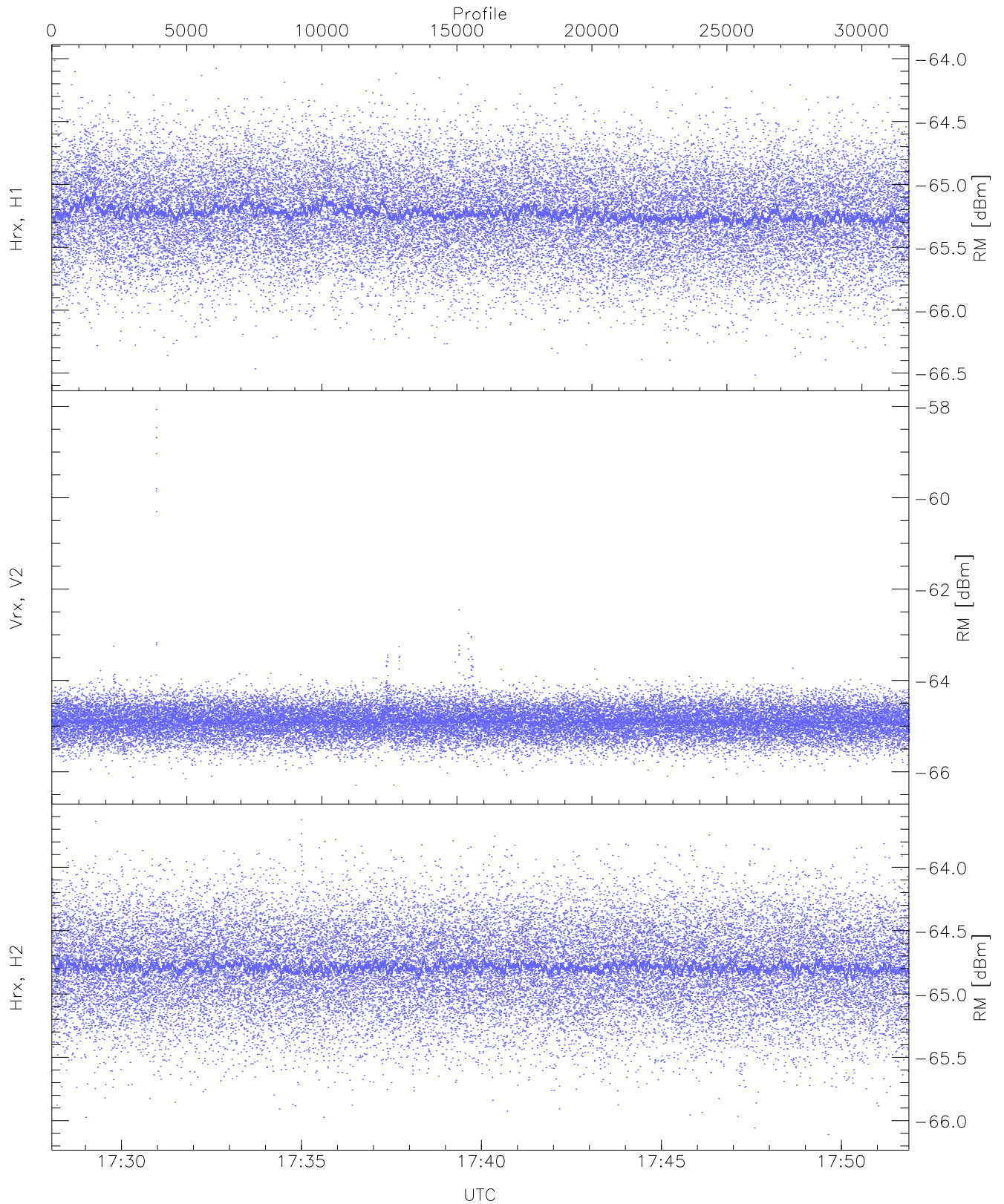
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.99	-63.65	-64.79	-64.80	-76.31
Vrx, V2 (WL [dBm])	-66.20	-63.78	-64.85	-64.86	-76.36
Hrx, H2 (WL [dBm])	-66.18	-63.60	-64.79	-64.80	-76.33



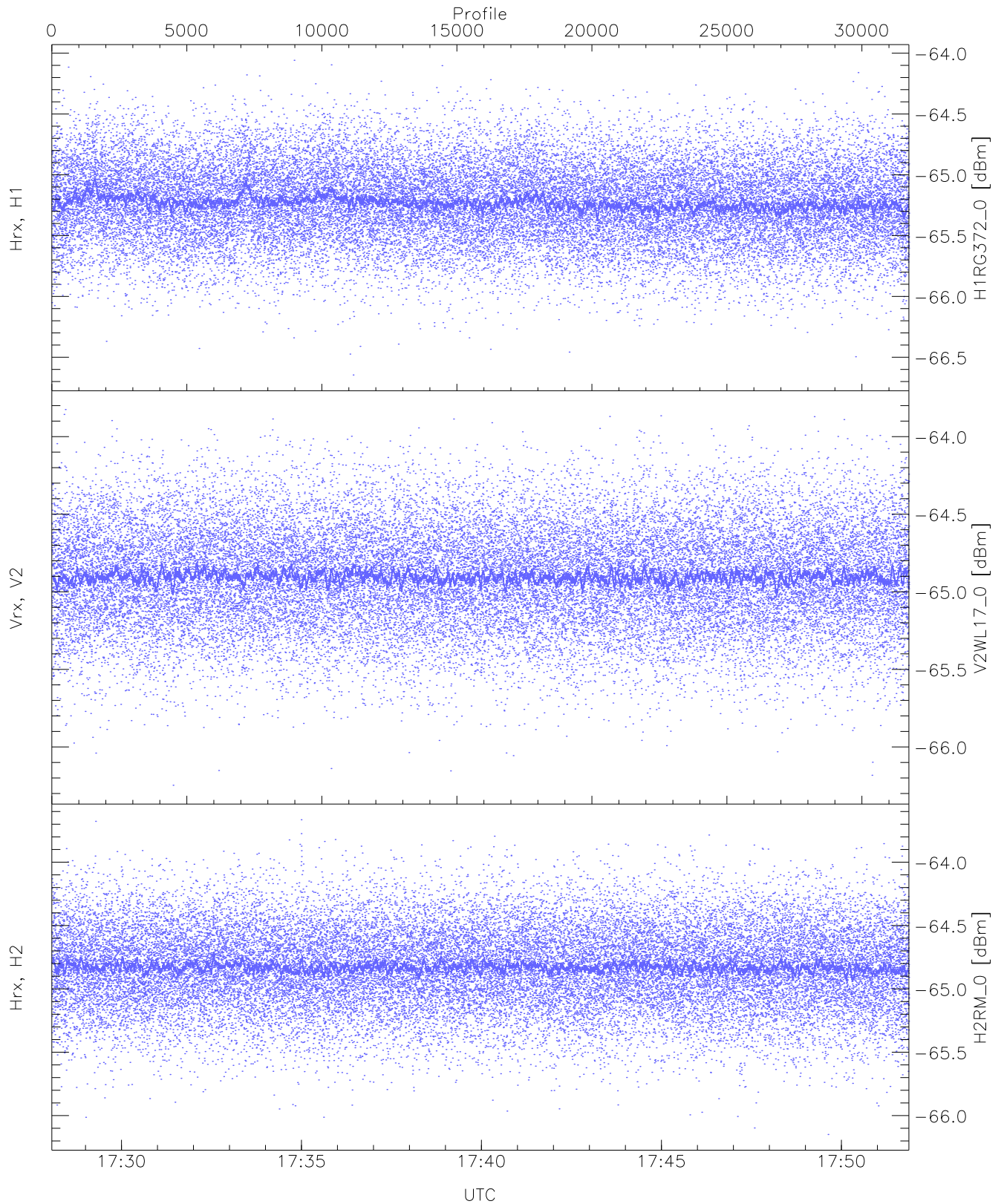
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.98	-63.47	-64.61	-64.61	-76.12
Vrx, V2 (HL [dBm])	-66.14	-63.54	-64.70	-64.71	-76.18
Hrx, H2 (HL [dBm])	-65.94	-63.47	-64.61	-64.61	-76.10



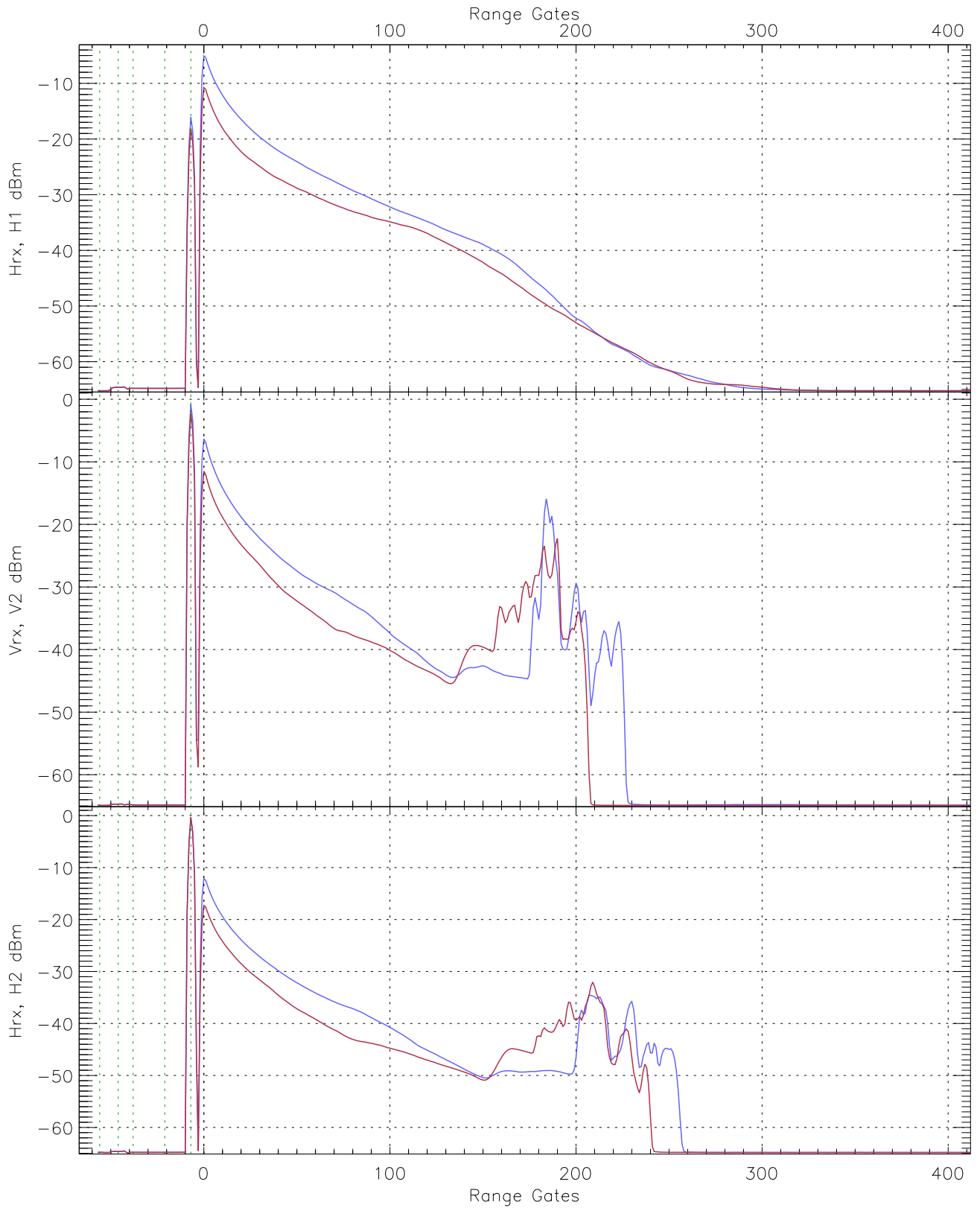
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.52	-64.01	-65.22	-65.23	-76.67
Vrx, V2 (RM [dBm])	-66.29	-58.07	-64.89	-64.90	-75.64
Hrx, H2 (RM [dBm])	-66.11	-63.63	-64.78	-64.79	-76.28

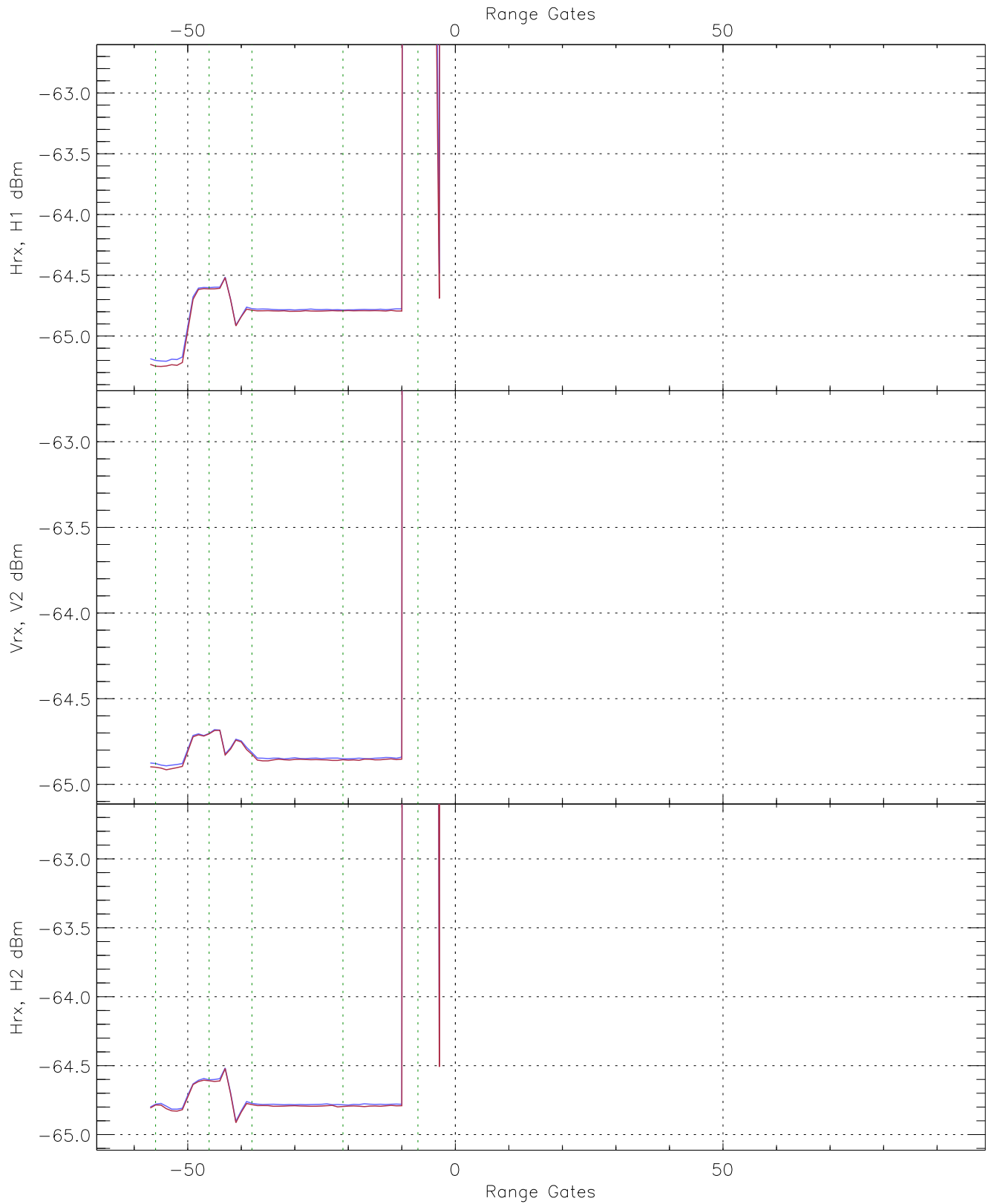


WCR3 CPP "Best" estimate Receivers Noise Power

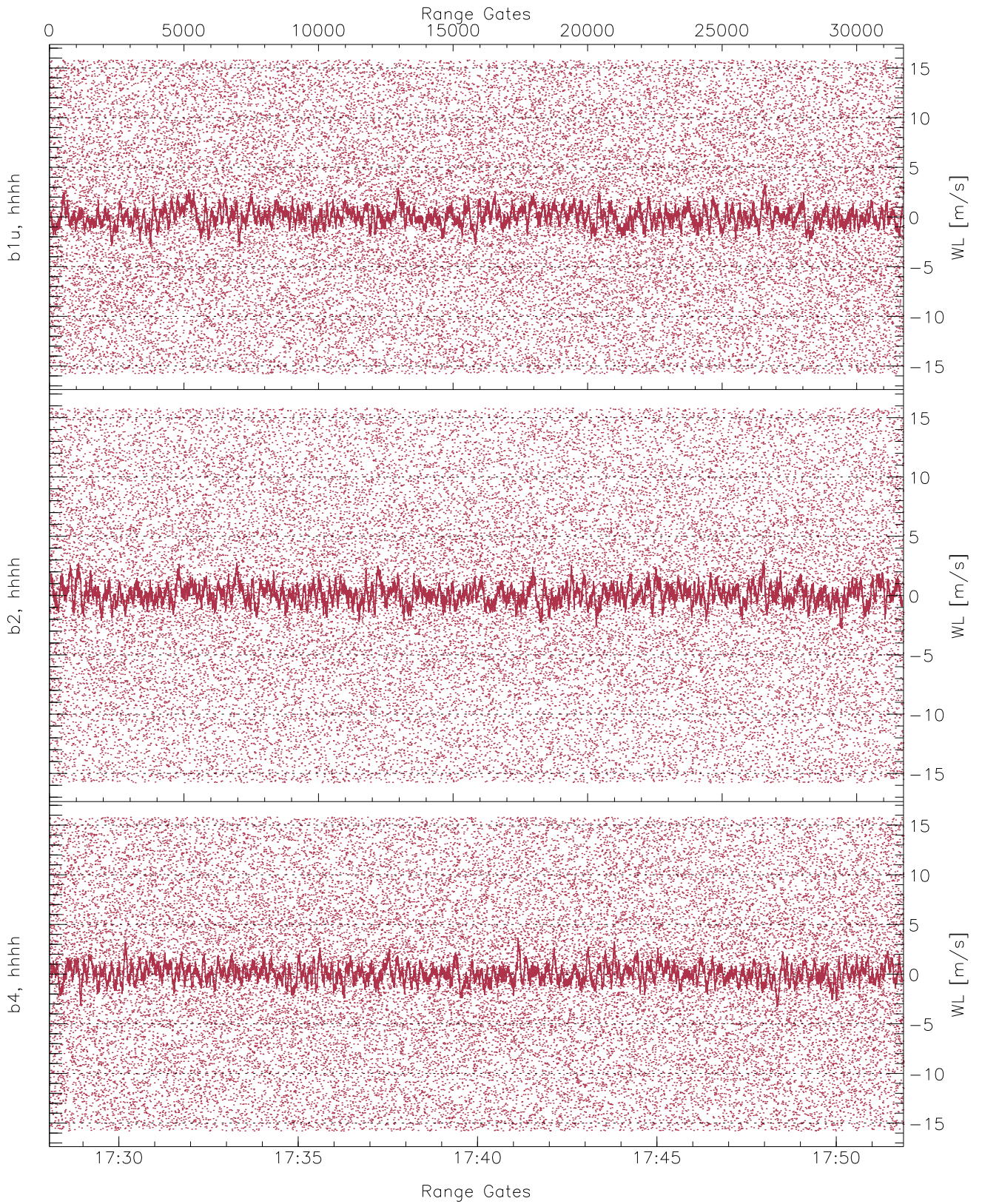
	Min	Max	Mean	Median	StDev
H1RG372_0 [dBm]	-66.65	-64.06	-65.22	-65.23	-76.70
V2WL17_0 [dBm]	-66.25	-63.83	-64.90	-64.90	-76.41
H2RM_0 [dBm]	-66.15	-63.67	-64.82	-64.83	-76.32



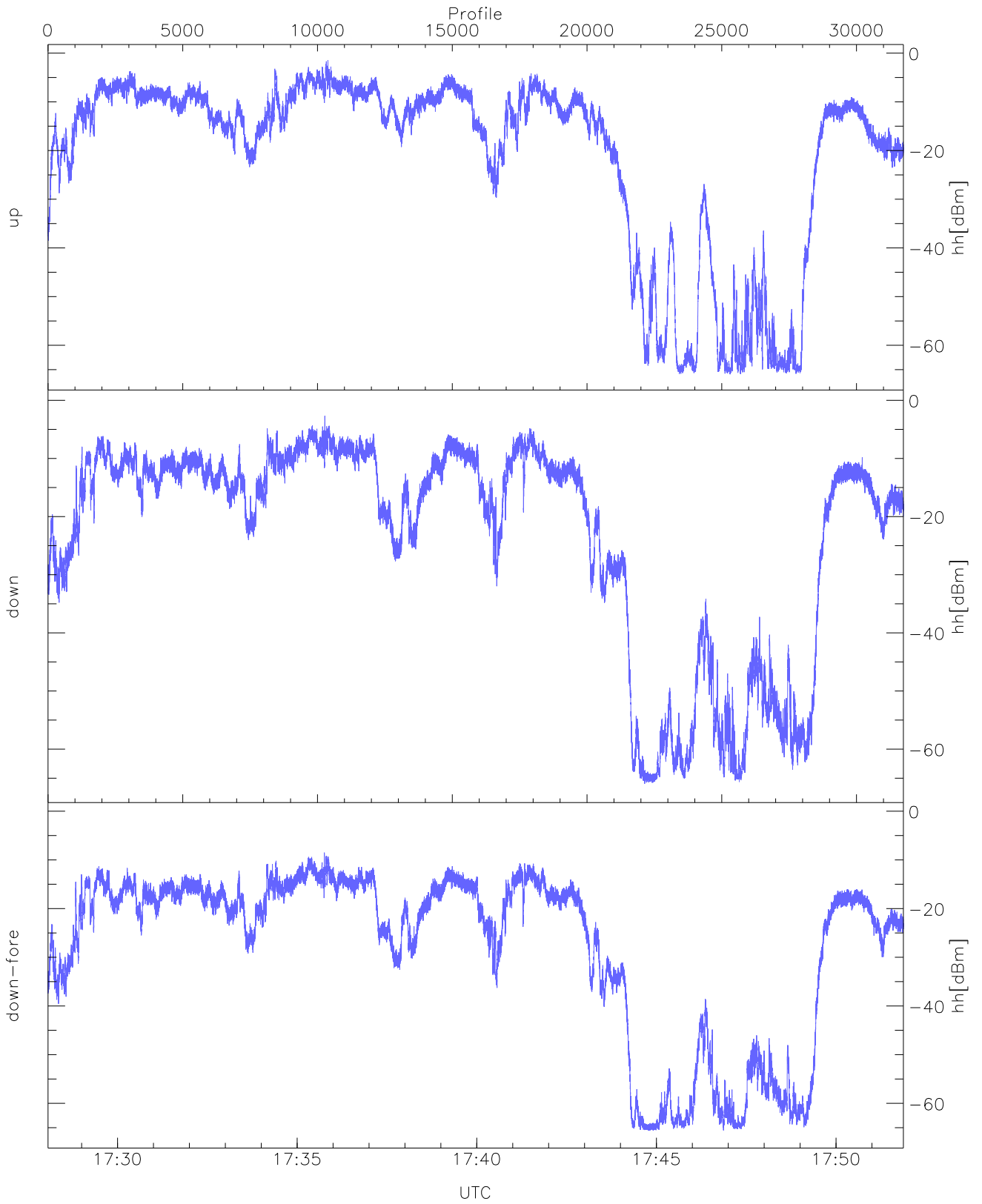
WCR3 CPP Averaged Received power for all recorded gates
blue: 172804-173958, 15871 profiles averaged
red: 173958-175153, 15871 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 172804-173958, 15871 profiles averaged
red: 173958-175153, 15871 profiles averaged

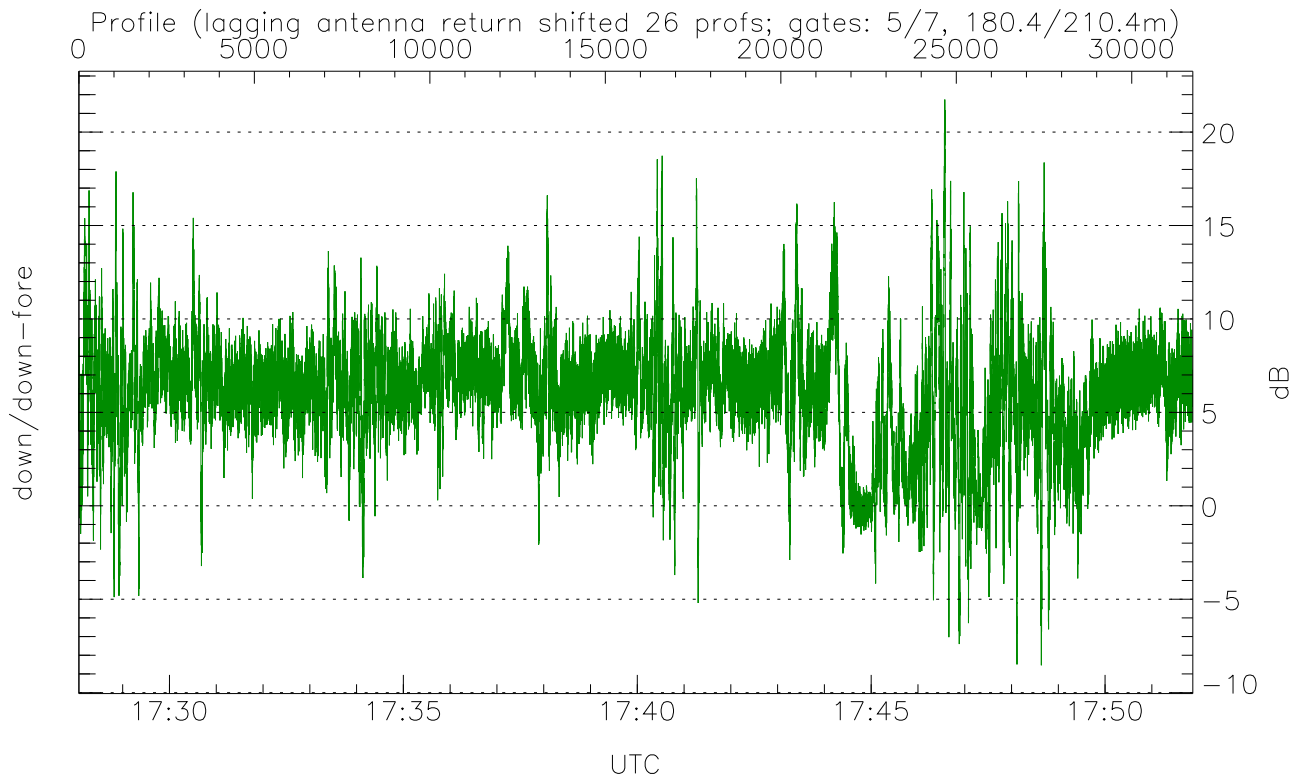
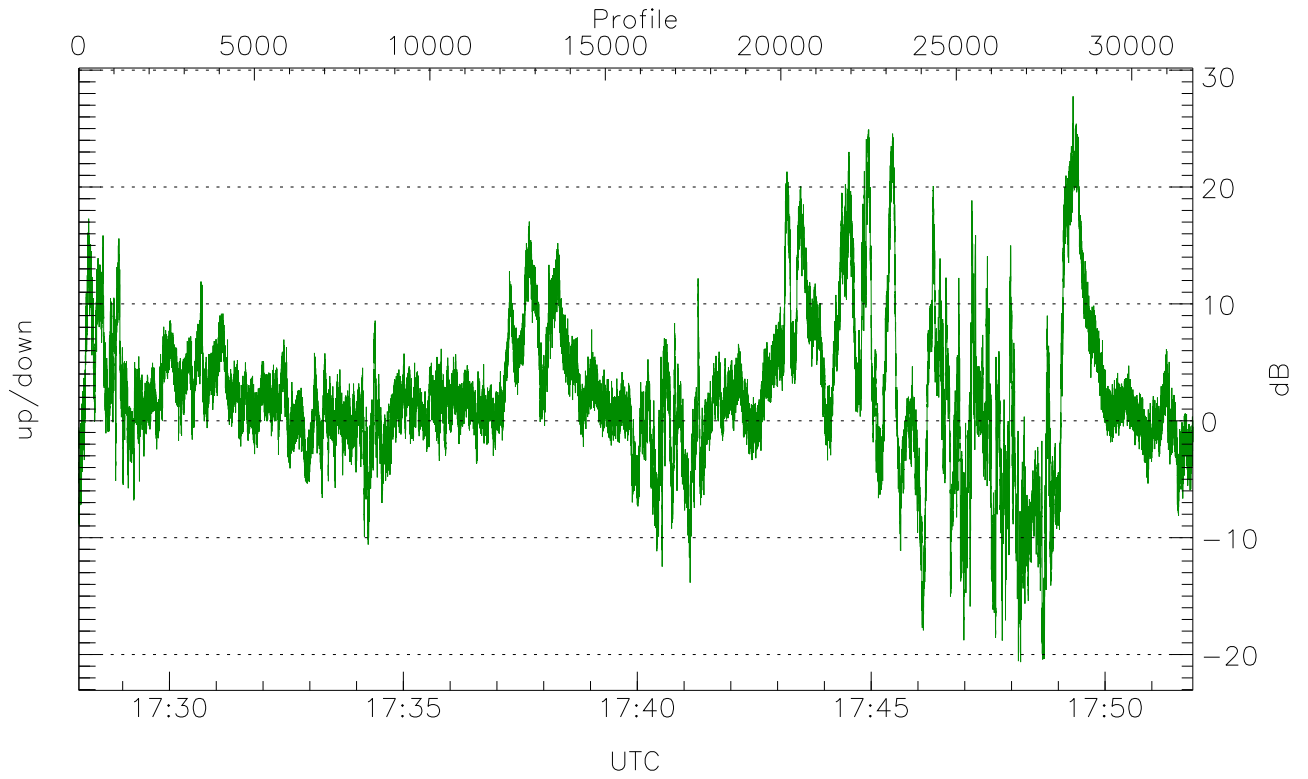


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



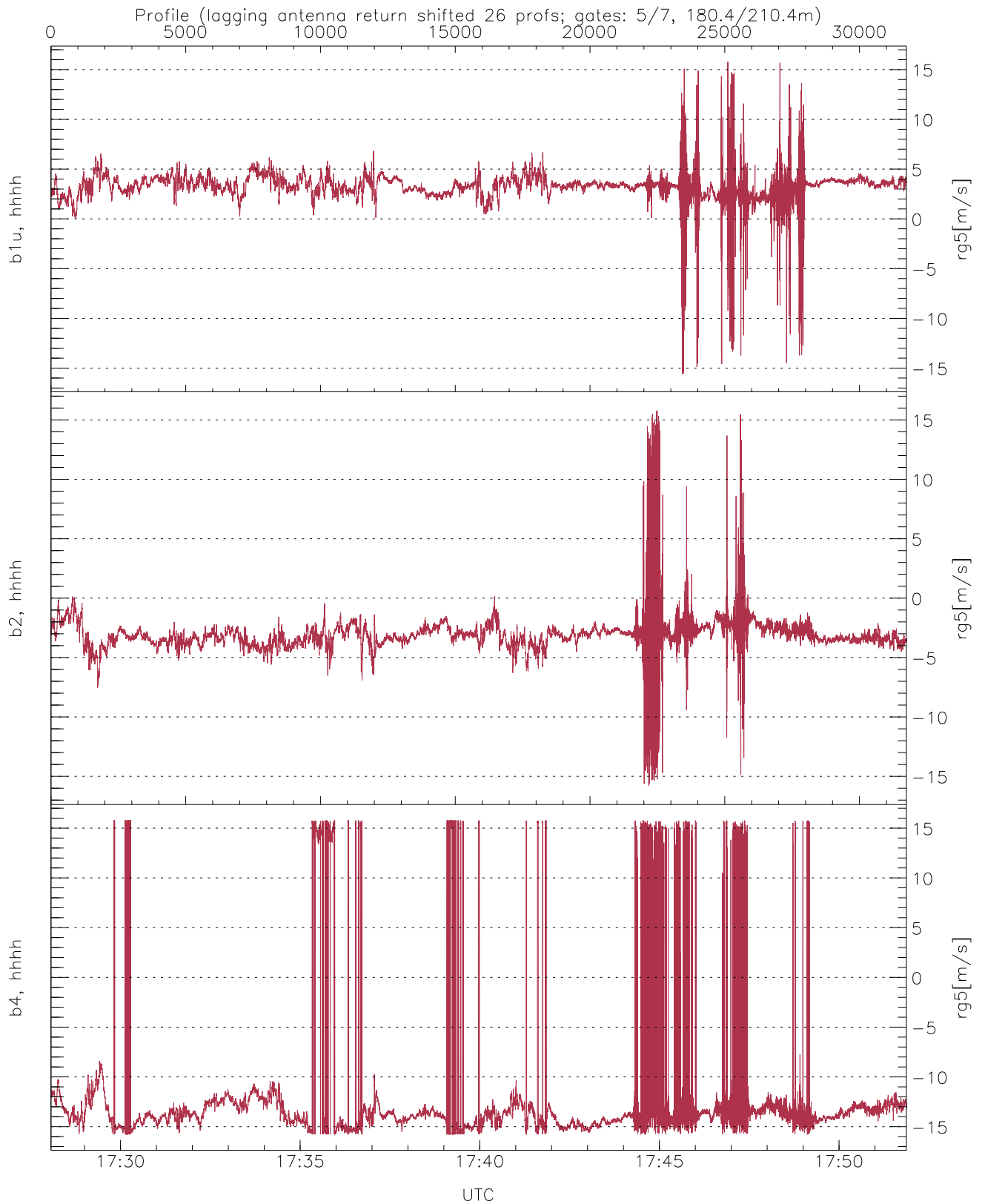
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-65.96	-1.45	-10.99
down(hh[dBm])	-65.94	-2.68	-12.63
down-fore(hh[dBm])	-65.56	-8.49	-17.99



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

	Min	Max	Mean
up/down (dB)	-20.65	27.76	2.25
down/down-fore (dB)	-8.54	21.74	6.06



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.61	15.77	3.25	1.30
b2, hhhh(rg5[m/s])	-15.77	15.79	-3.09	1.42
b4, hhhh(rg5[m/s])	-15.79	15.79	-12.11	6.45