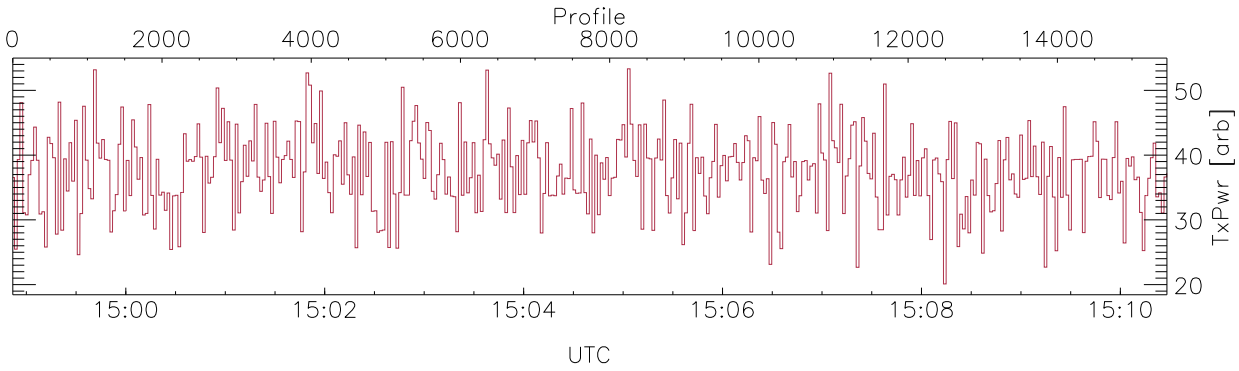
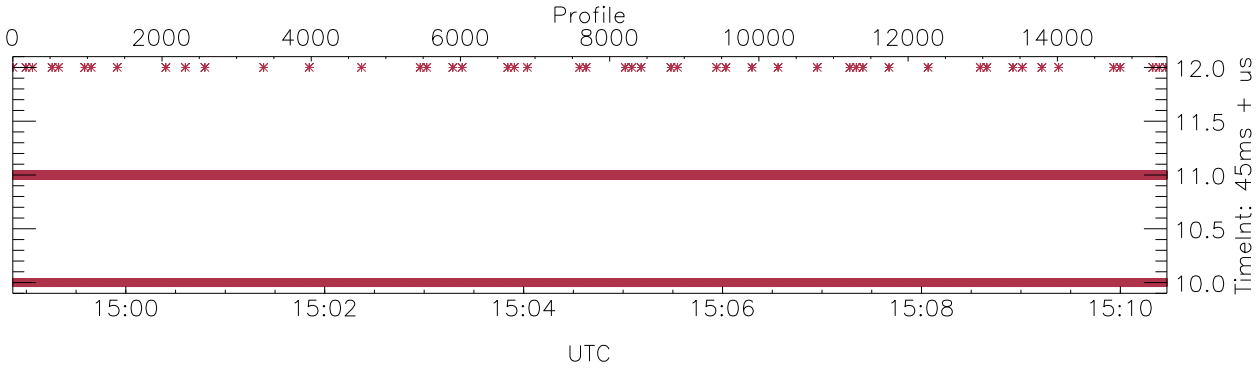
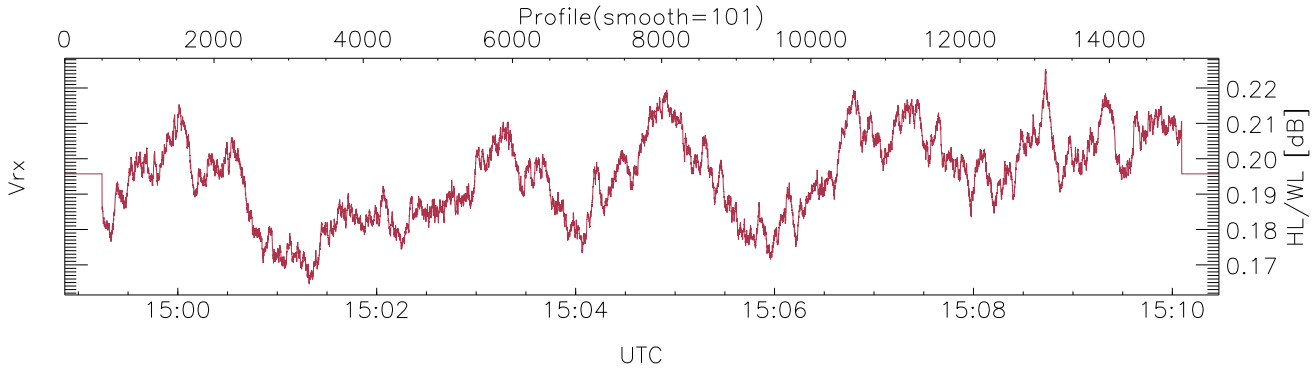
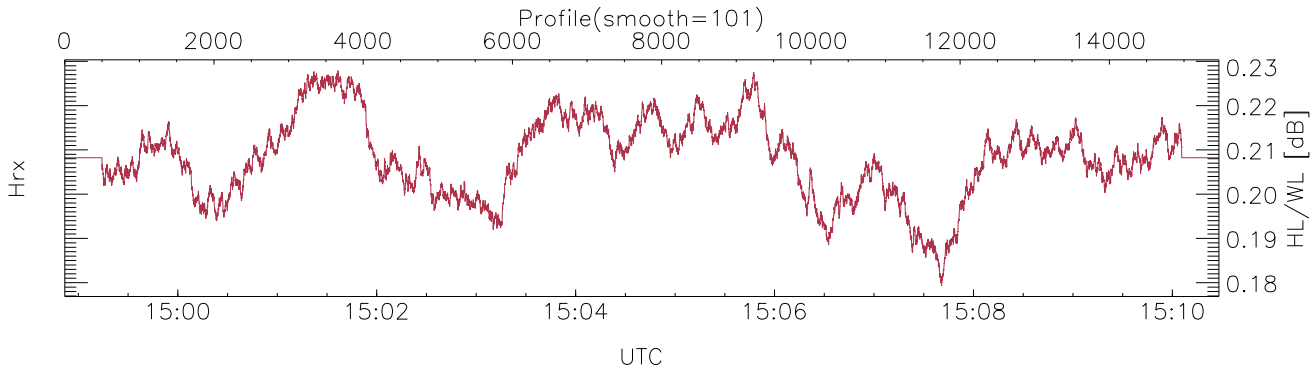


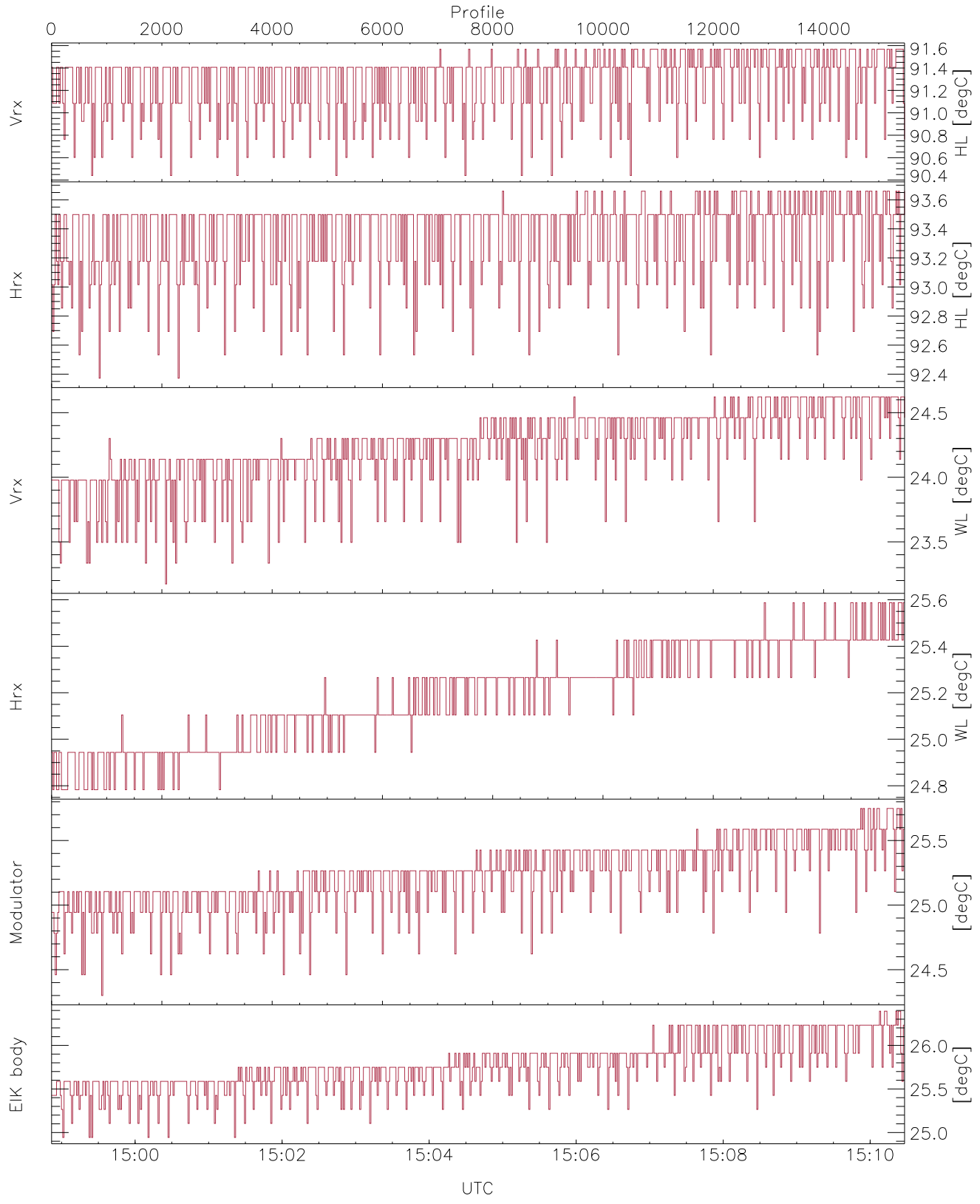






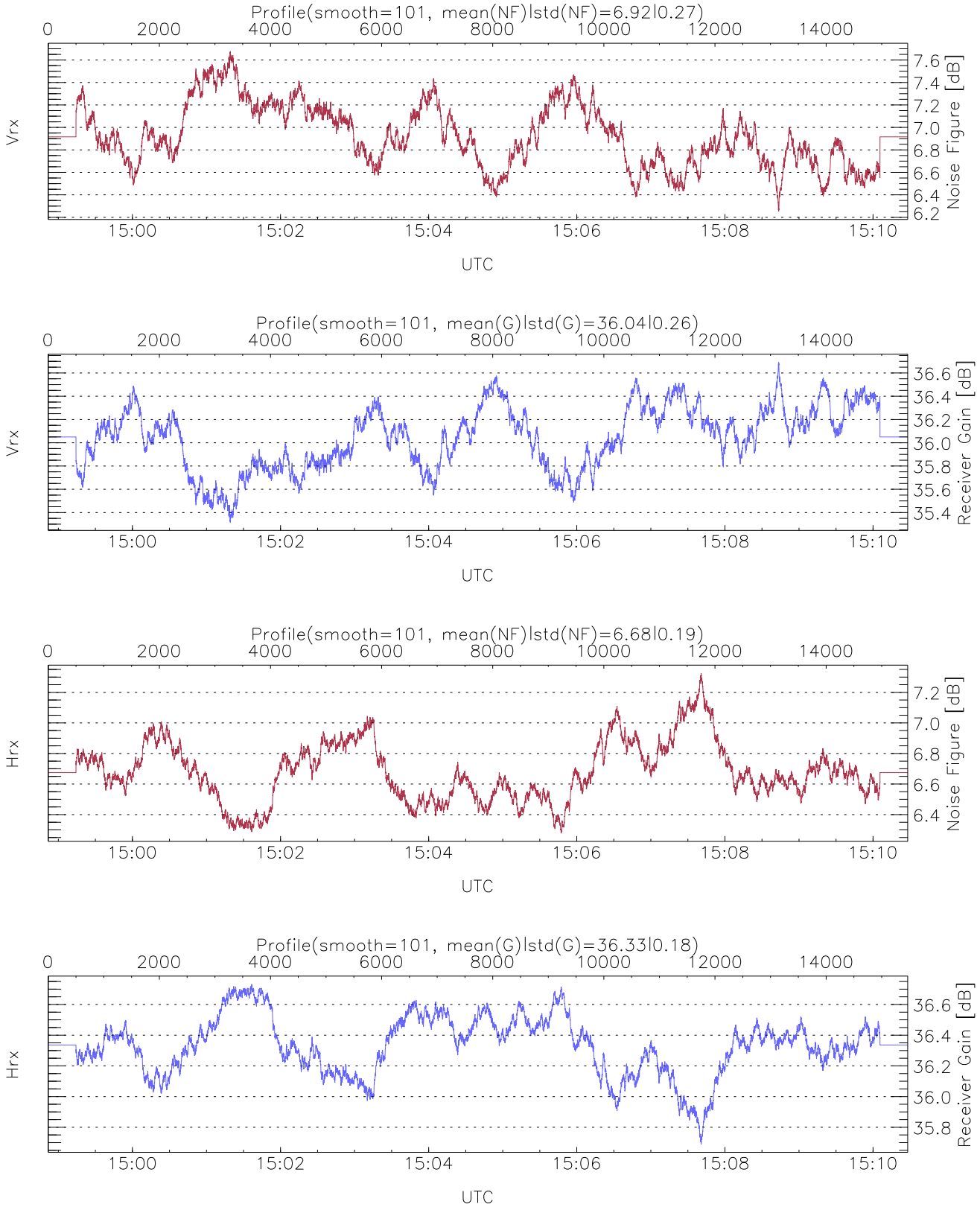
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 14:58:52-15:10:28, TimeCor: 0.00s, Dur: 696.28s
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): 15470/15470, 0-15469/14:58:52-15:10:28
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|sideup|error): 1



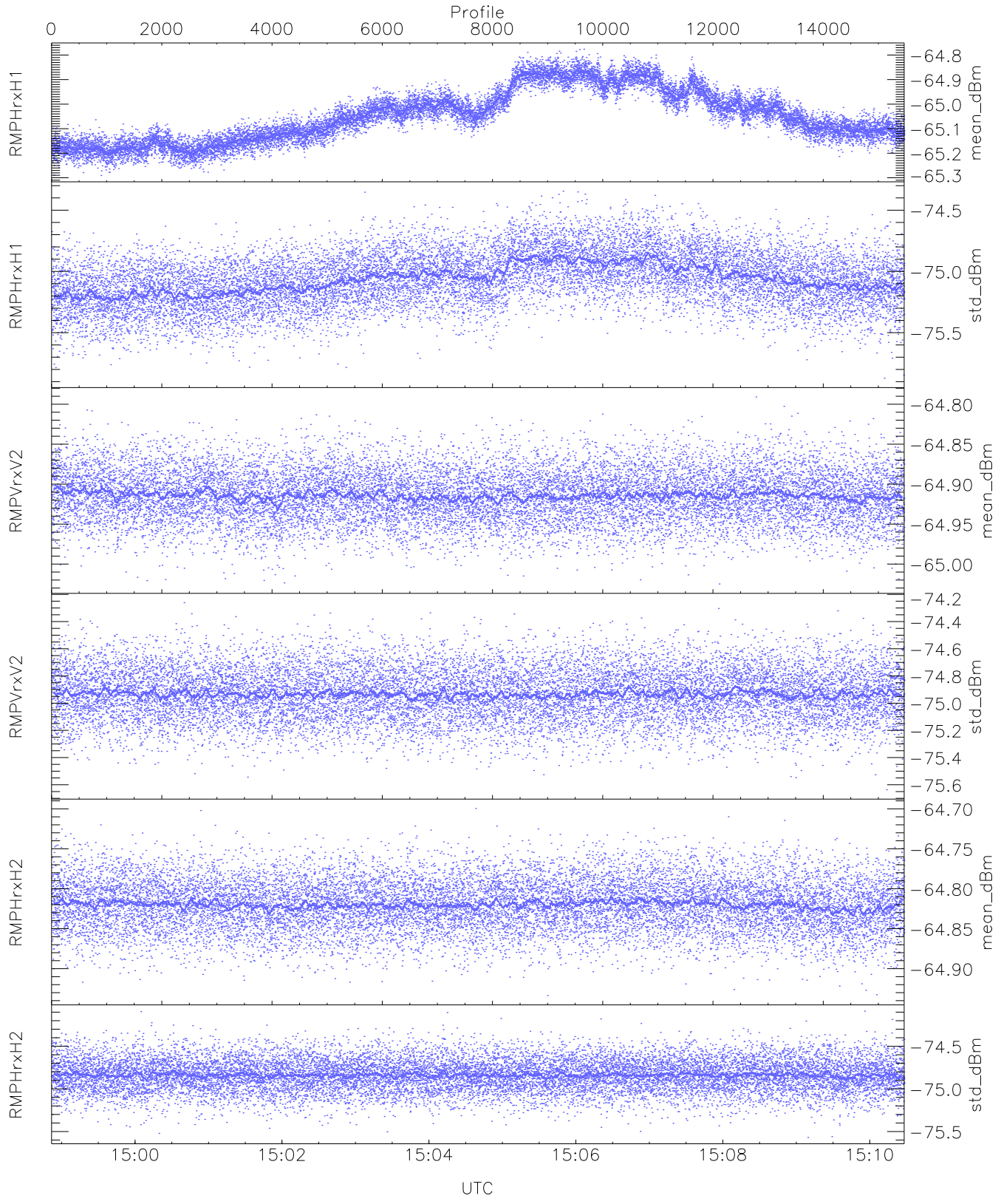
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,23,24,24,24
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,24,25,25,26
LOalarm(20,240,2817,14861 MHz): 0,0,24,0
EIK/Modulator Faults: None



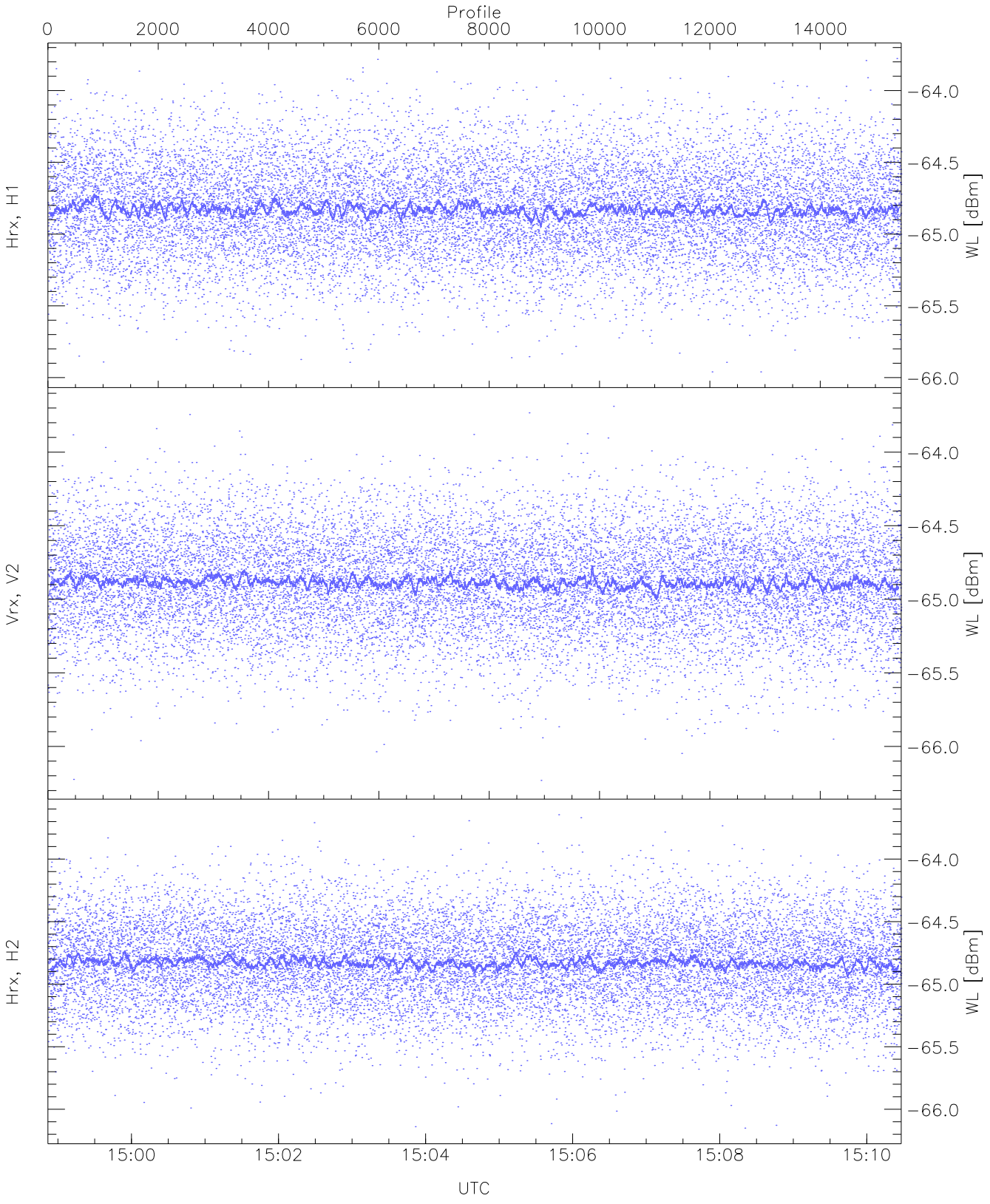
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 3 pixs, 1 gates, 3 profs, 1 prod(s)



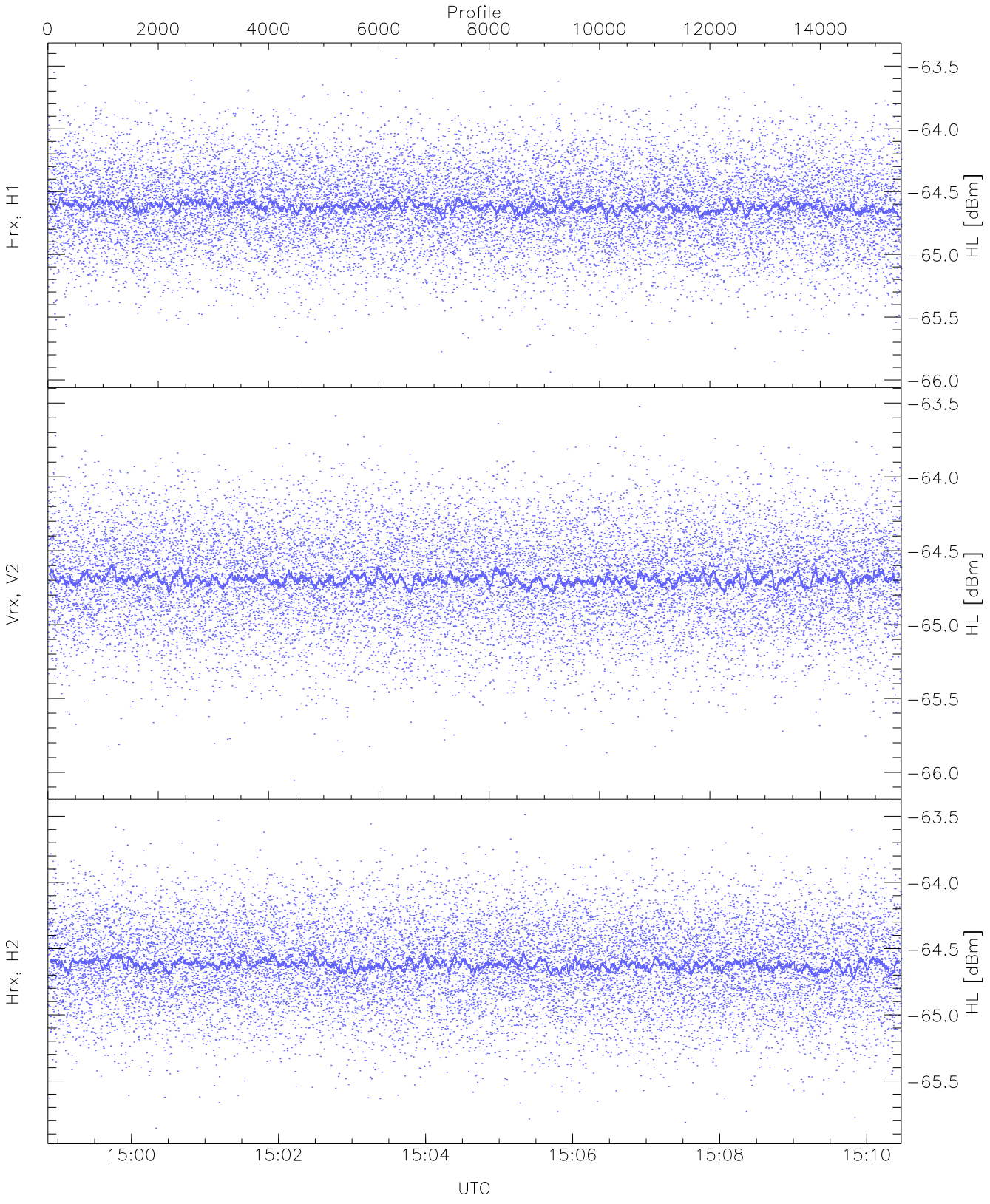
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.29	-64.78	-65.05	-65.06	-81.15
RMPHrxH1(std_dBm)	-75.87	-74.34	-75.06	-75.07	-88.25
RMPVrxV2(mean_dBm)	-65.02	-64.79	-64.91	-64.91	-86.43
RMPVrxV2(std_dBm)	-75.64	-74.26	-74.93	-74.93	-88.73
RMPHrxH2(mean_dBm)	-64.93	-64.70	-64.82	-64.82	-86.39
RMPHrxH2(std_dBm)	-75.57	-74.09	-74.84	-74.84	-88.65



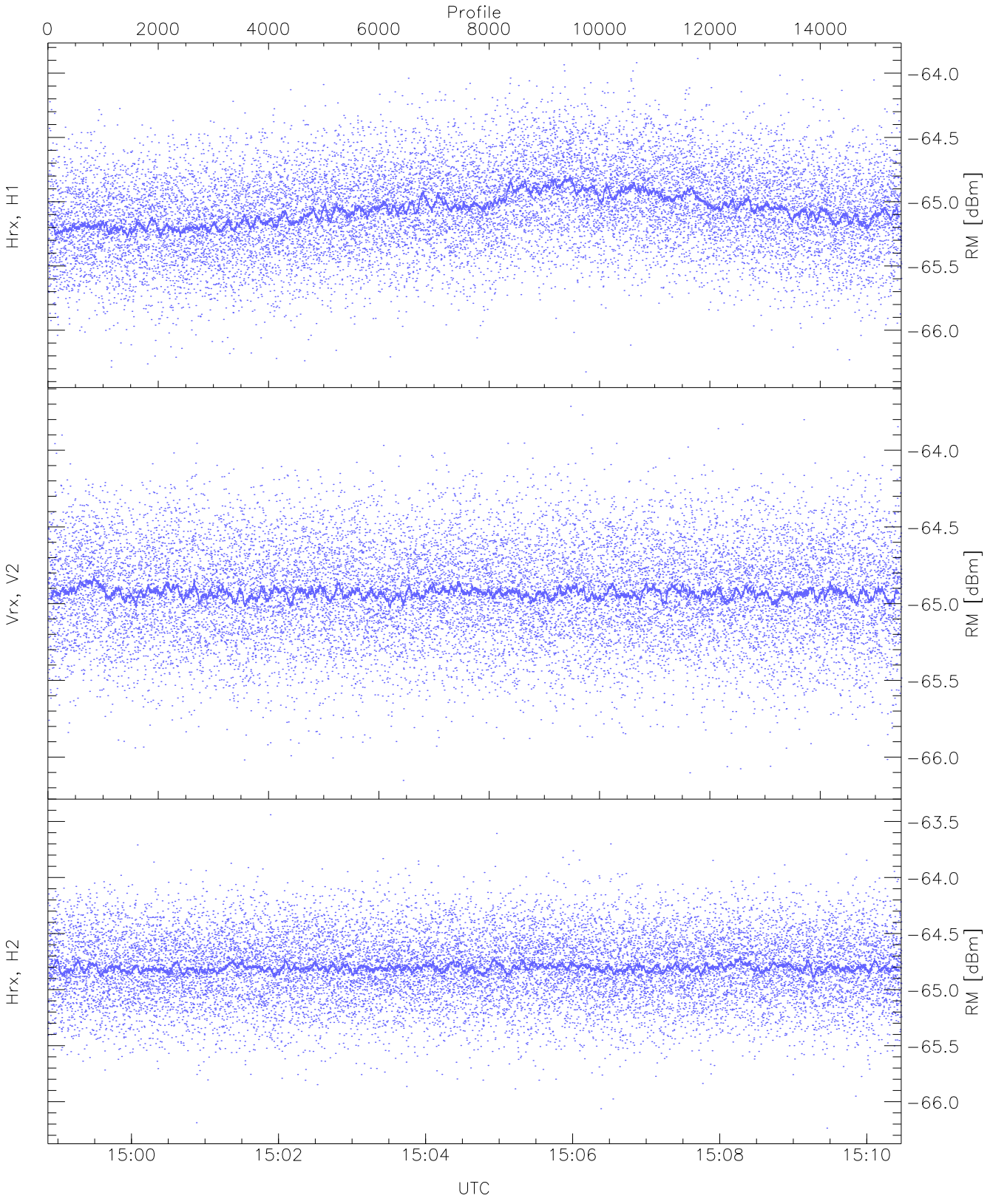
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-65.96	-63.78	-64.82	-64.83	-76.37
Vrx, V2(WL [dBm])	-66.23	-63.69	-64.88	-64.89	-76.39
Hrx, H2(WL [dBm])	-66.15	-63.65	-64.82	-64.83	-76.32



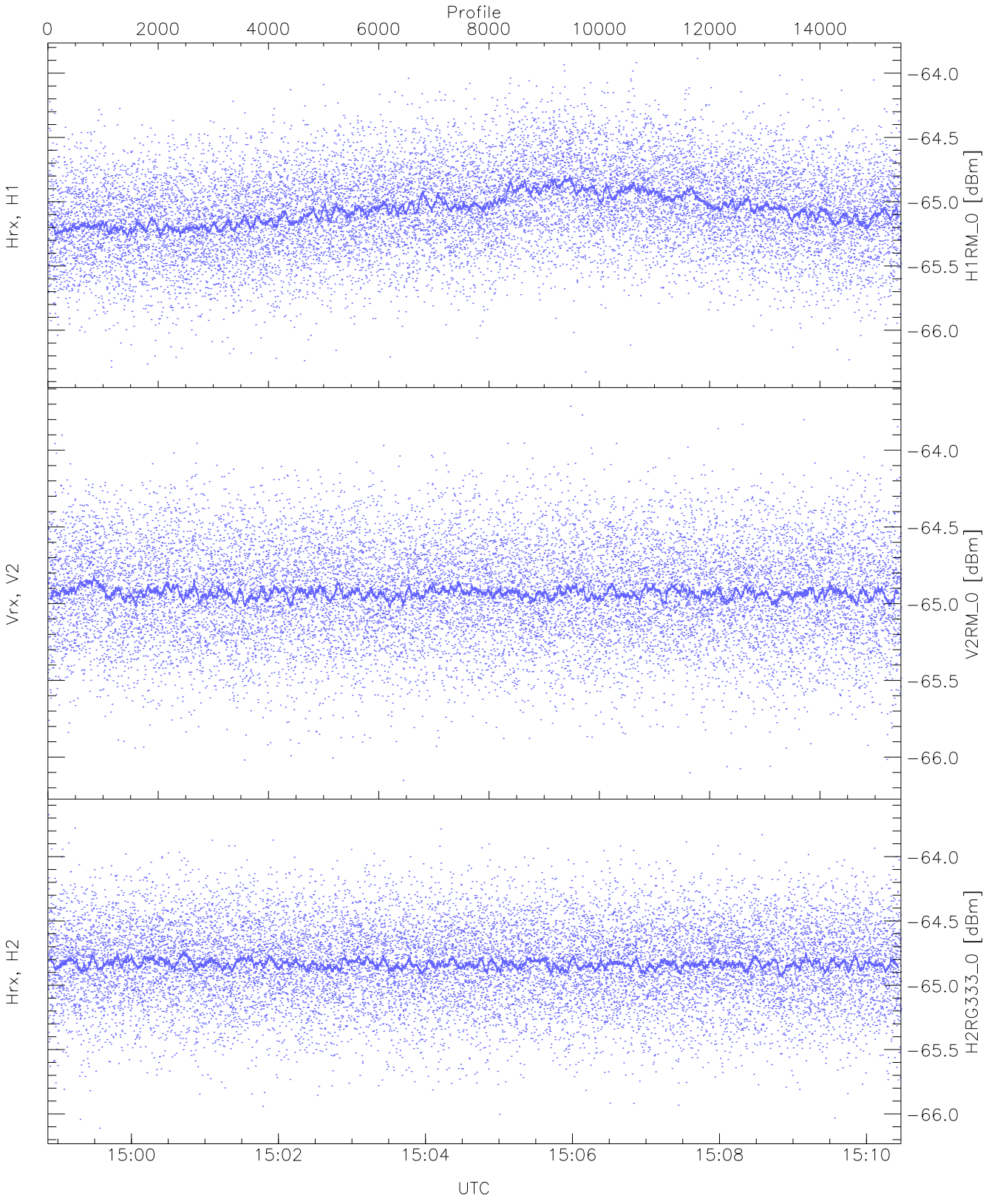
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.94	-63.44	-64.61	-64.62	-76.14
Vrx, V2(HL [dBm])	-66.05	-63.52	-64.68	-64.69	-76.15
Hrx, H2(HL [dBm])	-65.86	-63.49	-64.61	-64.62	-76.12



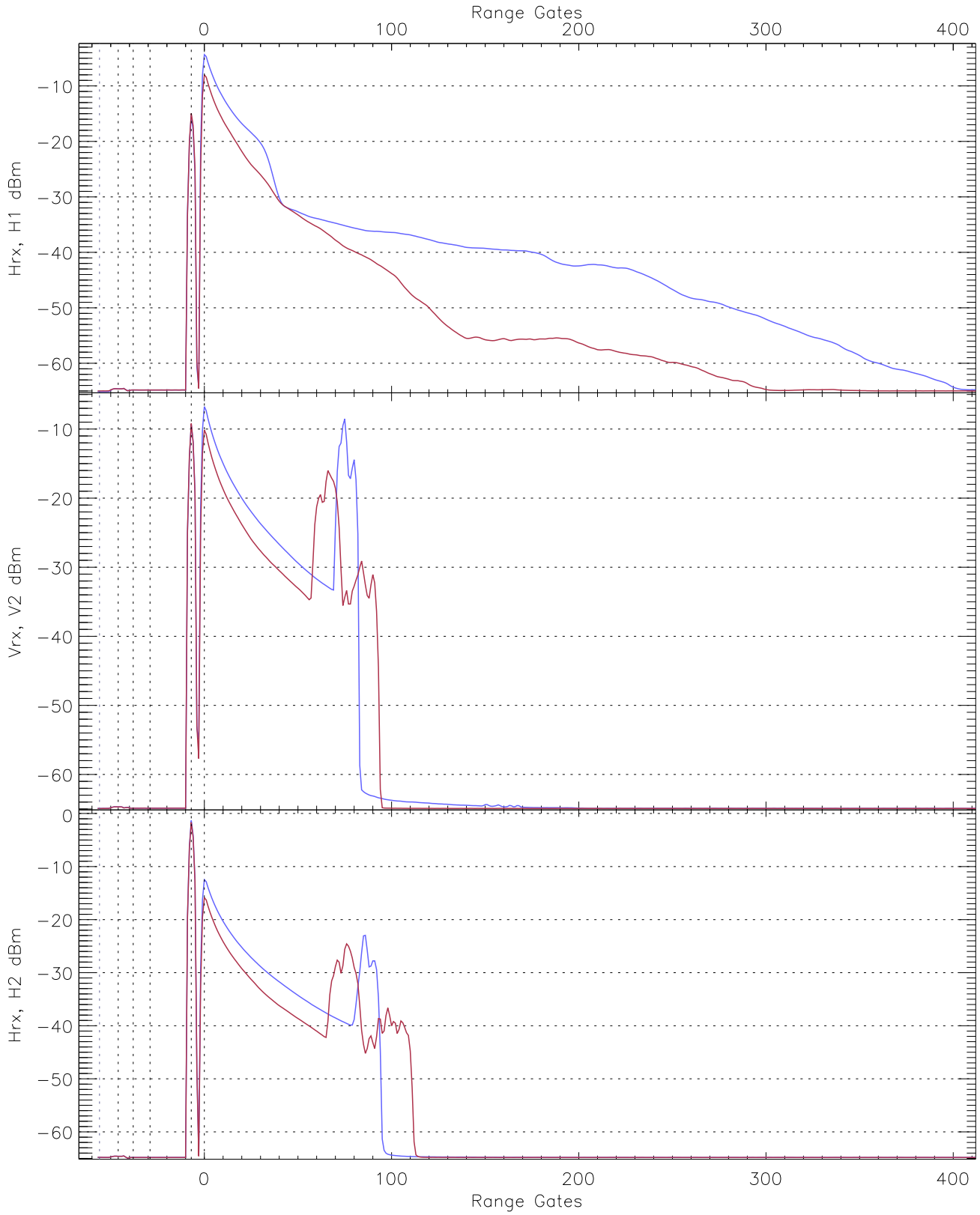
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.32	-63.89	-65.06	-65.07	-76.32
Vrx, V2(RM [dBm])	-66.15	-63.71	-64.92	-64.93	-76.41
Hrx, H2(RM [dBm])	-66.24	-63.44	-64.80	-64.81	-76.33

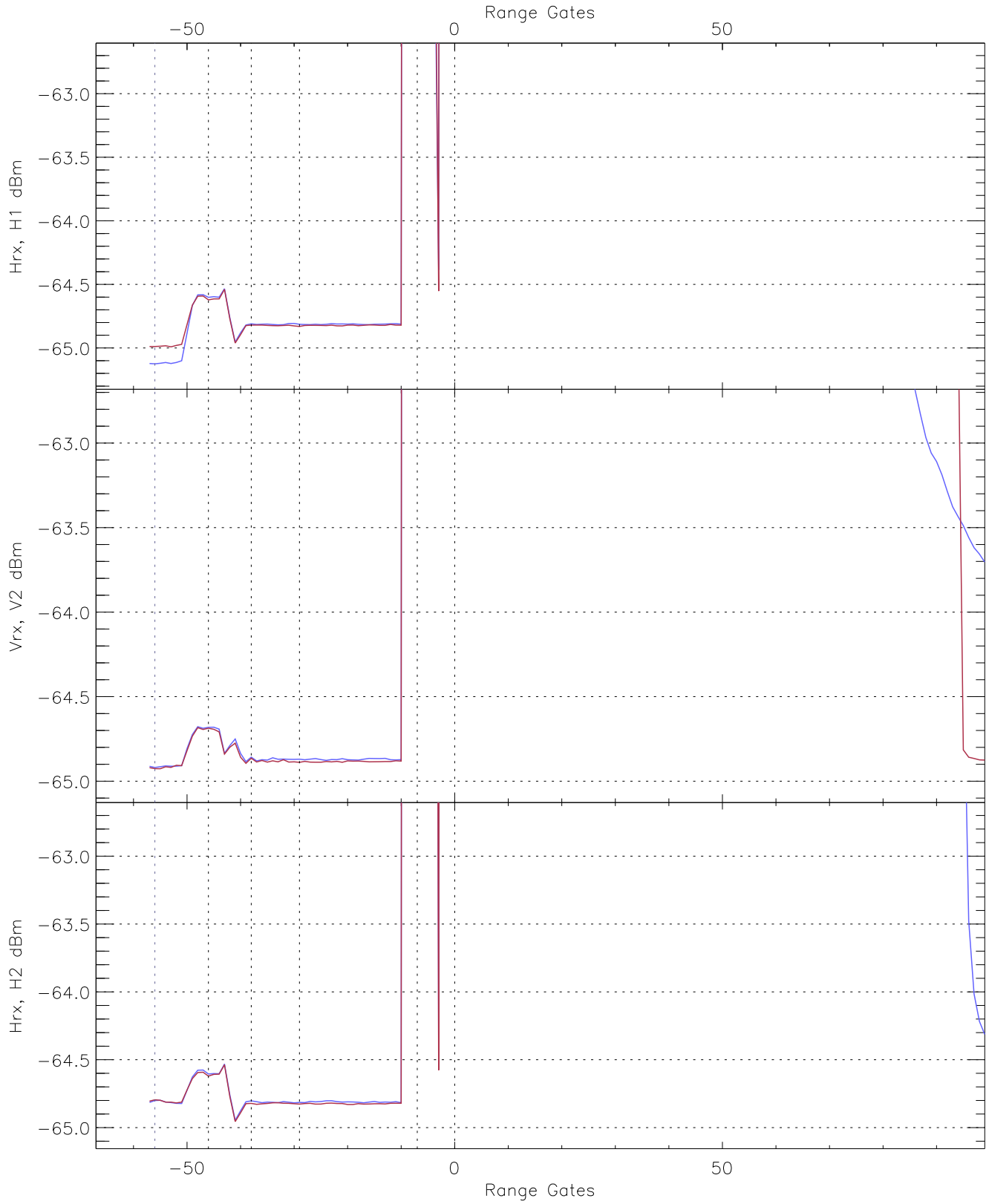


WCR3 CPP "Best" estimate Receivers Noise Power

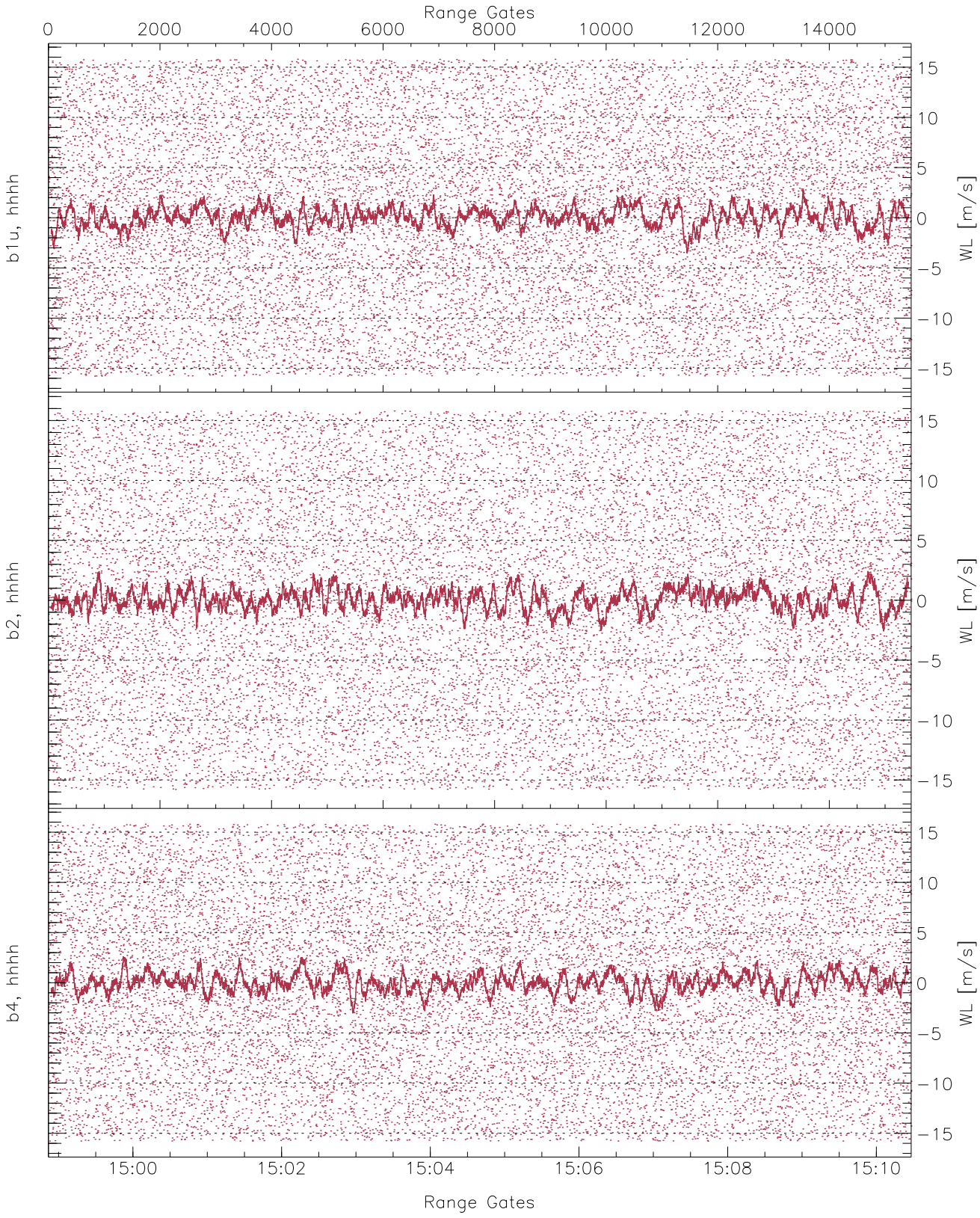
	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-66.32	-63.89	-65.06	-65.07	-76.32
V2RM_0 [dBm]	-66.15	-63.71	-64.92	-64.93	-76.41
H2RG333_0 [dBm]	-66.11	-63.67	-64.83	-64.83	-76.35



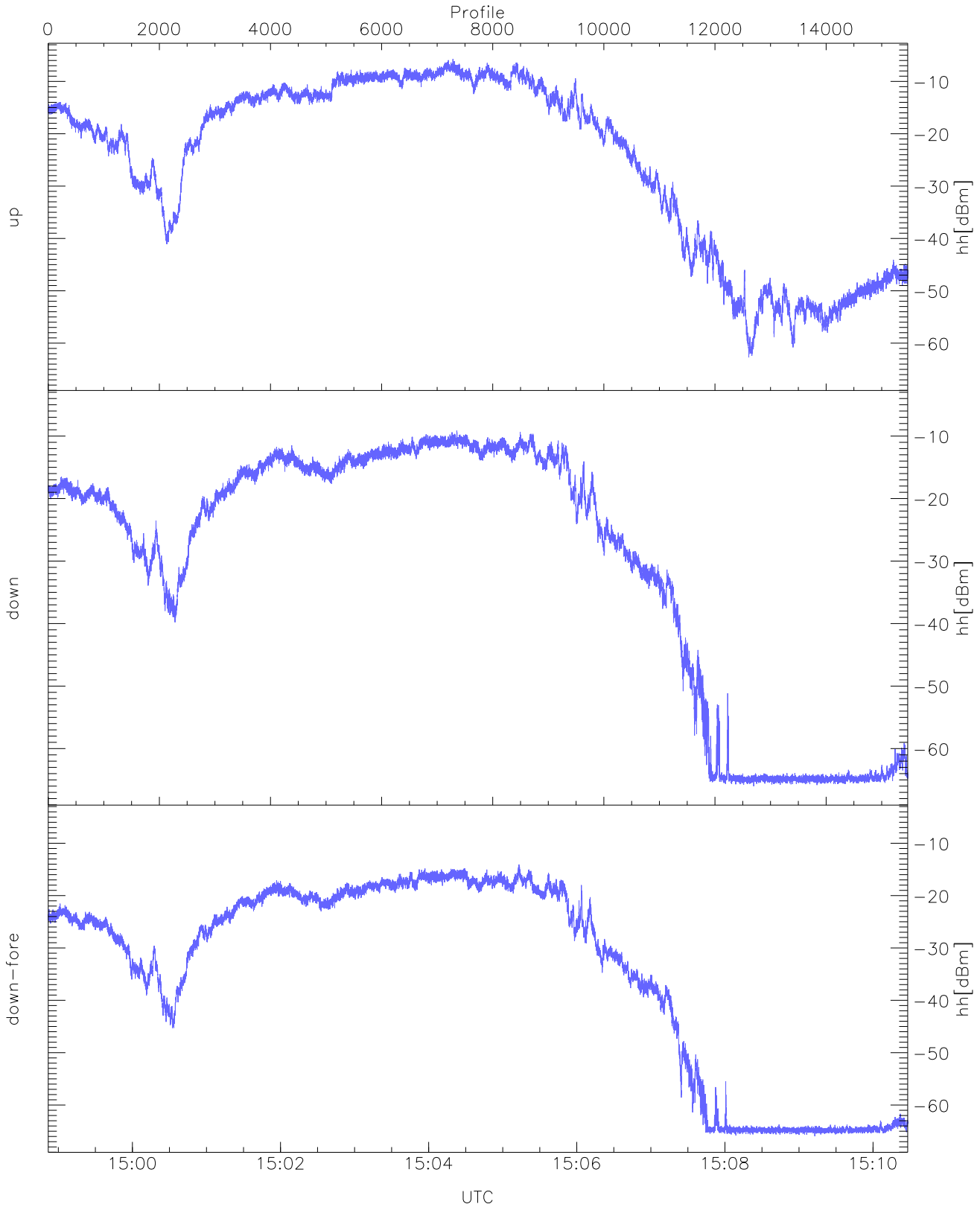
WCR3 CPP Averaged Received power for all recorded gates
blue: 145852-150440, 7736 profiles averaged
red: 150440-151028, 7735 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 145852-150440, 7736 profiles averaged
red: 150440-151028, 7735 profiles averaged

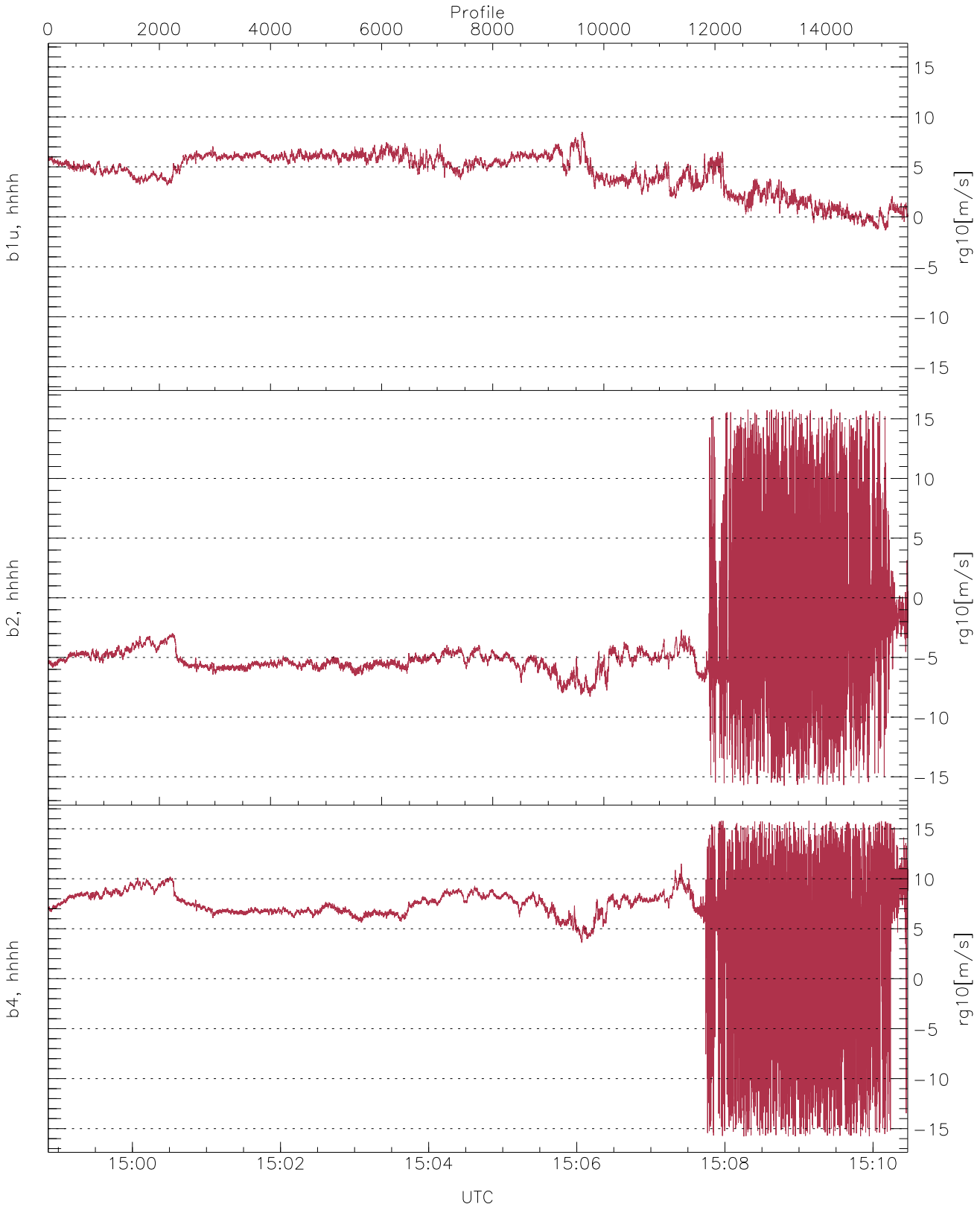


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



WCR3 CPP Received Power Products for Range gate 10 (255.4 m)

	Min	Max	Mean
up(hh[dBm])	-62.73	-5.72	-13.69
down(hh[dBm])	-66.02	-9.15	-16.46
down-fore(hh[dBm])	-65.95	-14.06	-21.83



WCR3 CPP Doppler Velocity Products at 255.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg10[m/s])	-1.34	8.48	4.38	2.01
b2, hhhh(rg10[m/s])	-15.75	15.79	-4.20	4.04
b4, hhhh(rg10[m/s])	-15.78	15.79	6.22	4.91