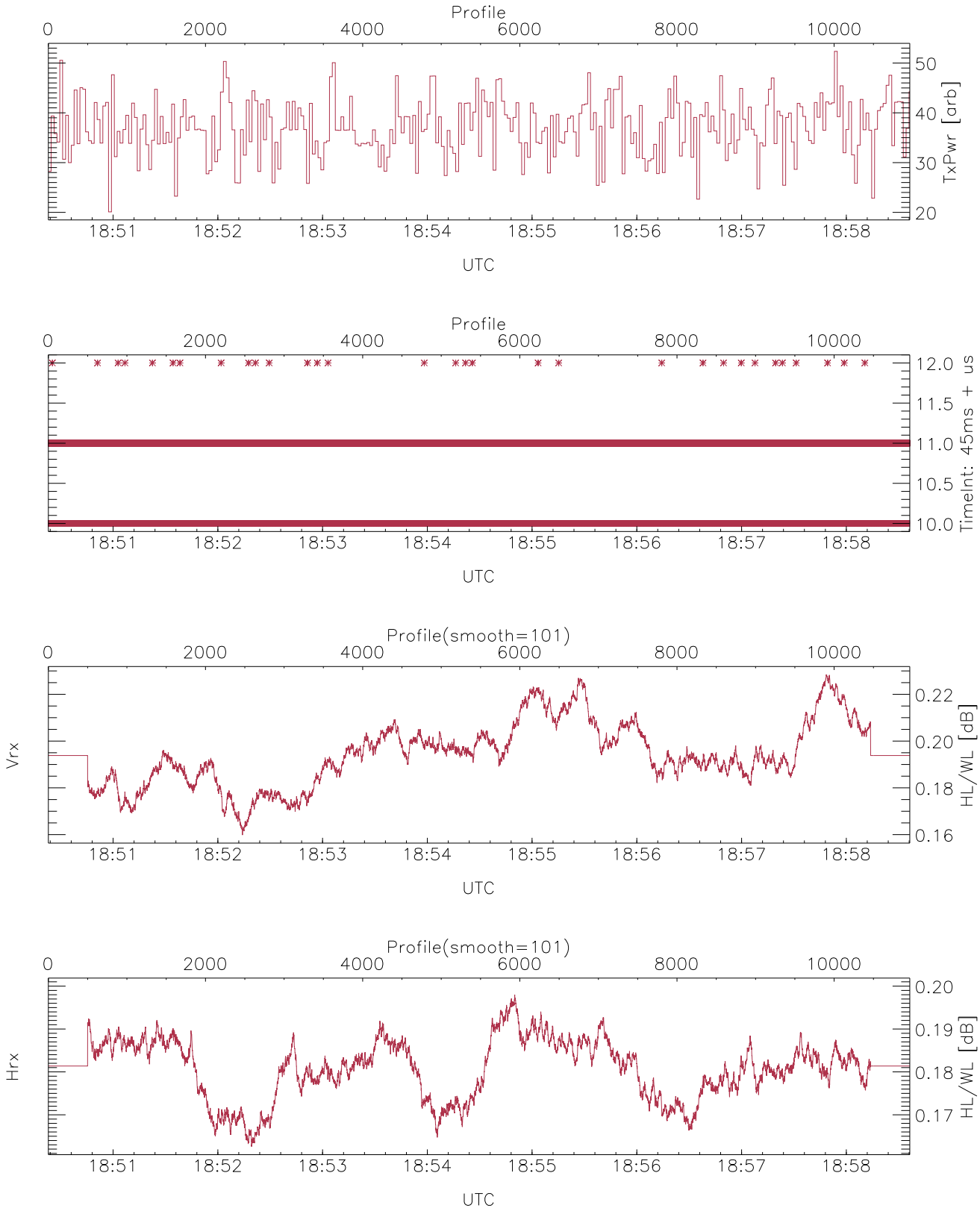
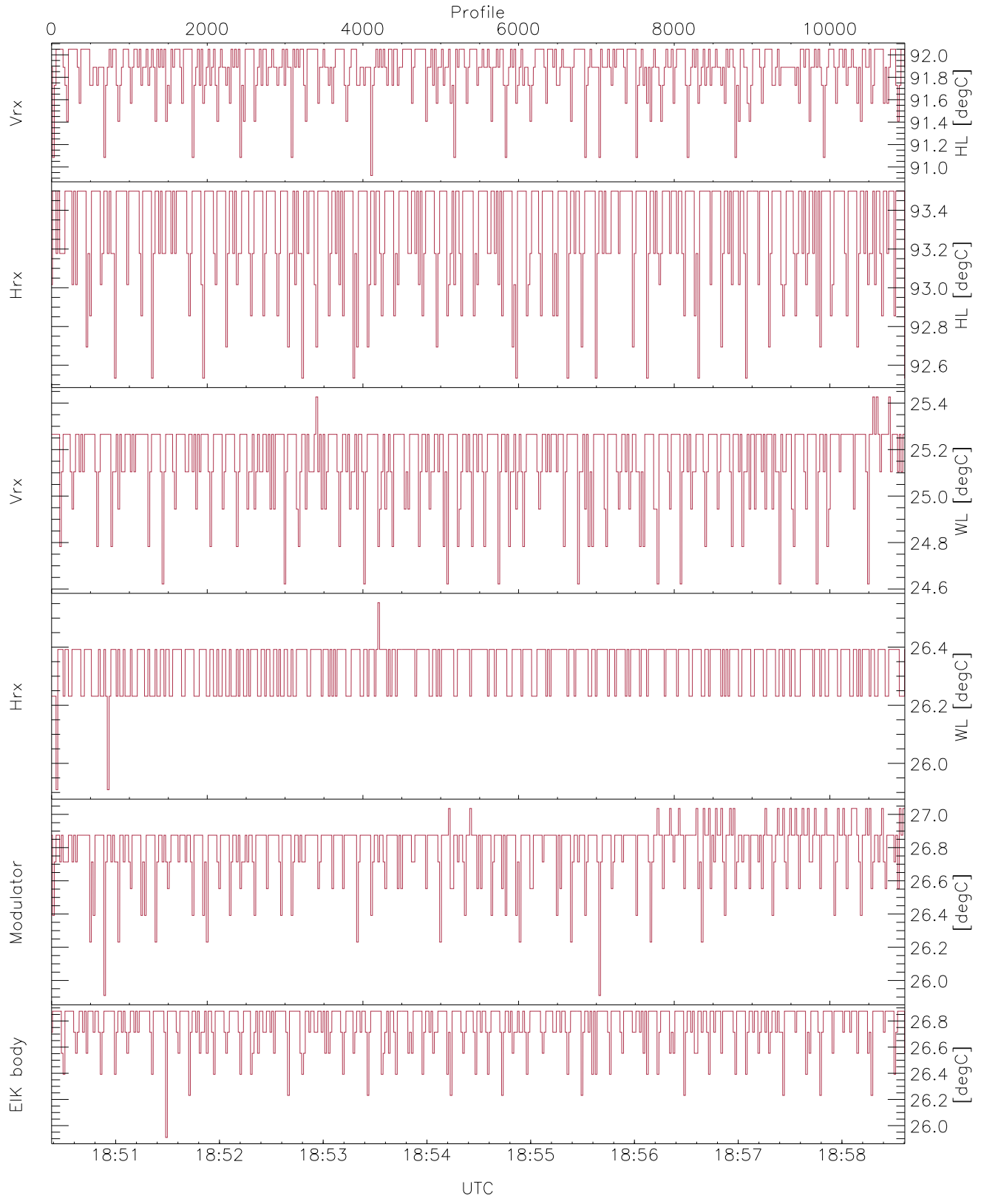


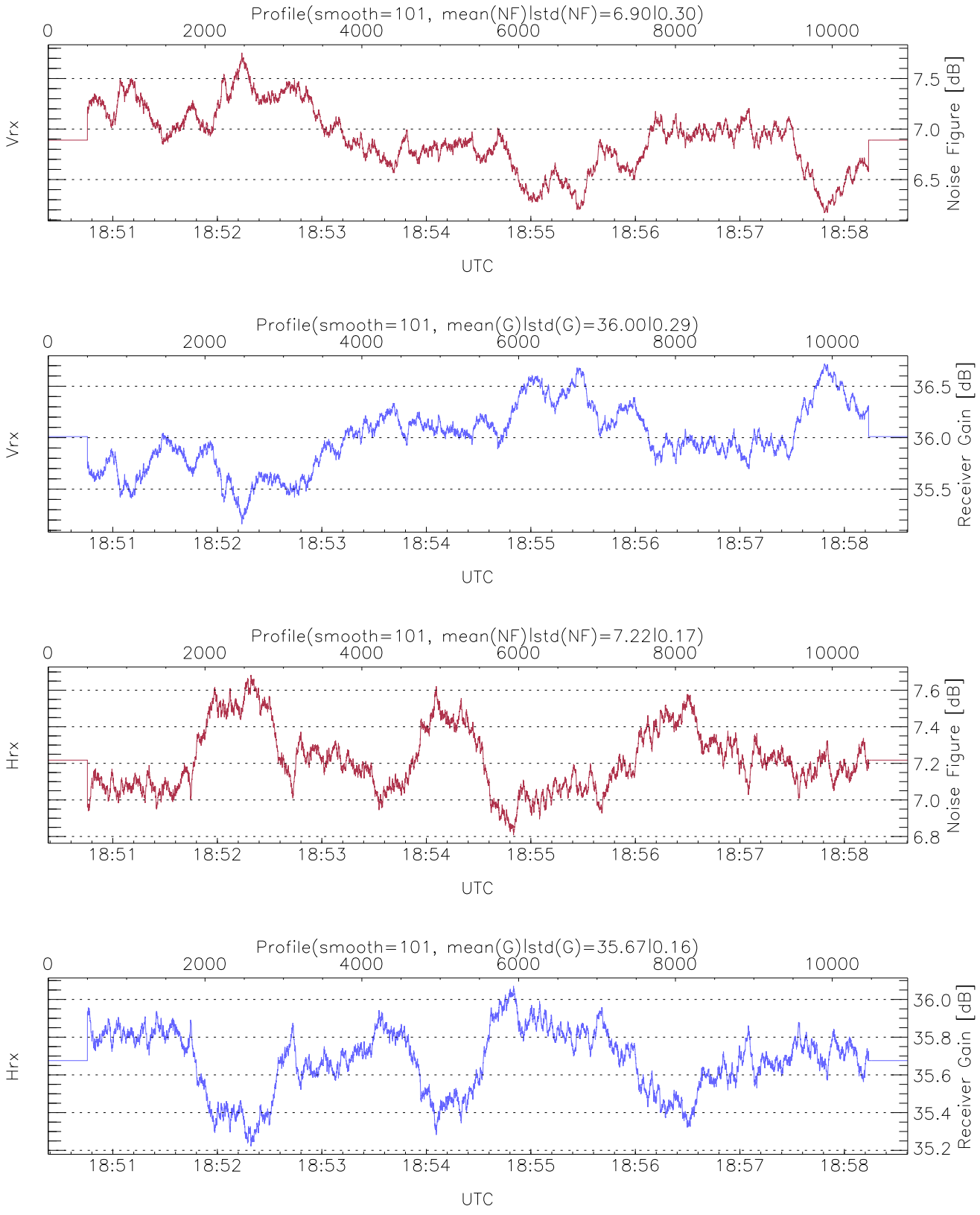
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 18:50:23-18:58:36, TimeCor: 0.00s, Dur: 493.46s
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): 10964/10964, 0-10963/18:50:23-18:58:36
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



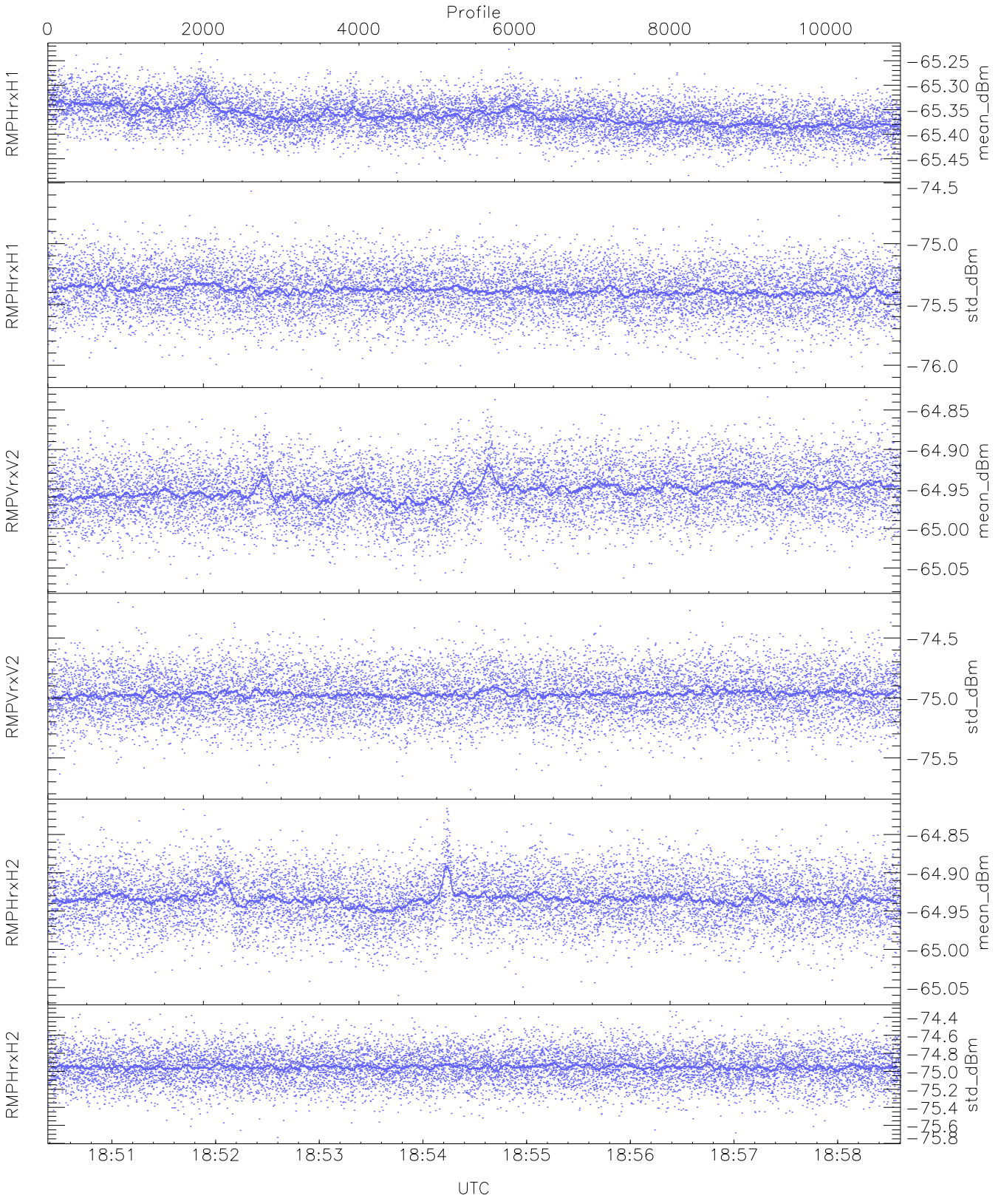
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,24,25,25,25
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,25,26,27,26
LOalarm(20,240,2817,14861 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (22,22,22,22,22,22)



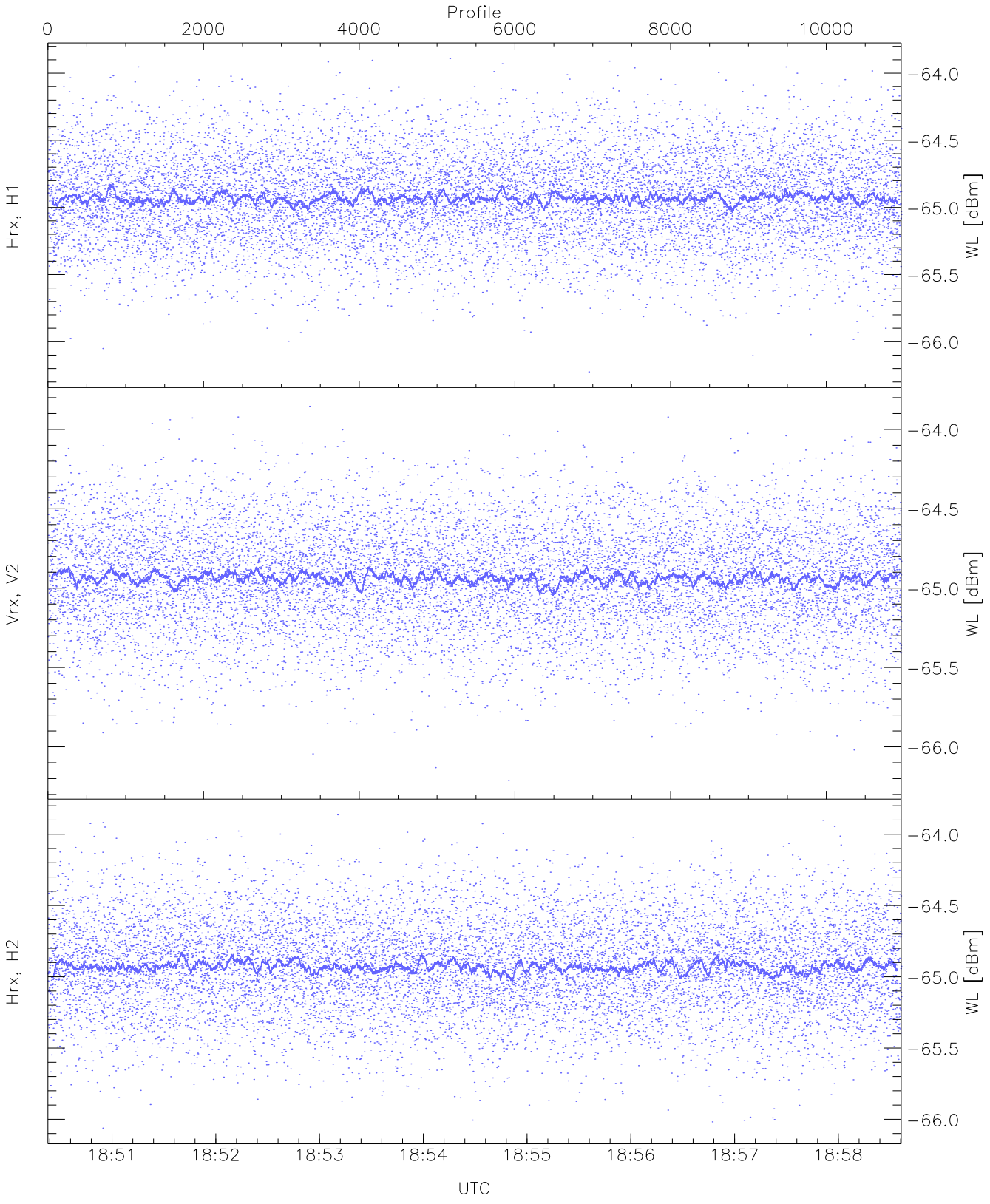
WCR3 CPP Receivers Gain and Noise Figure

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



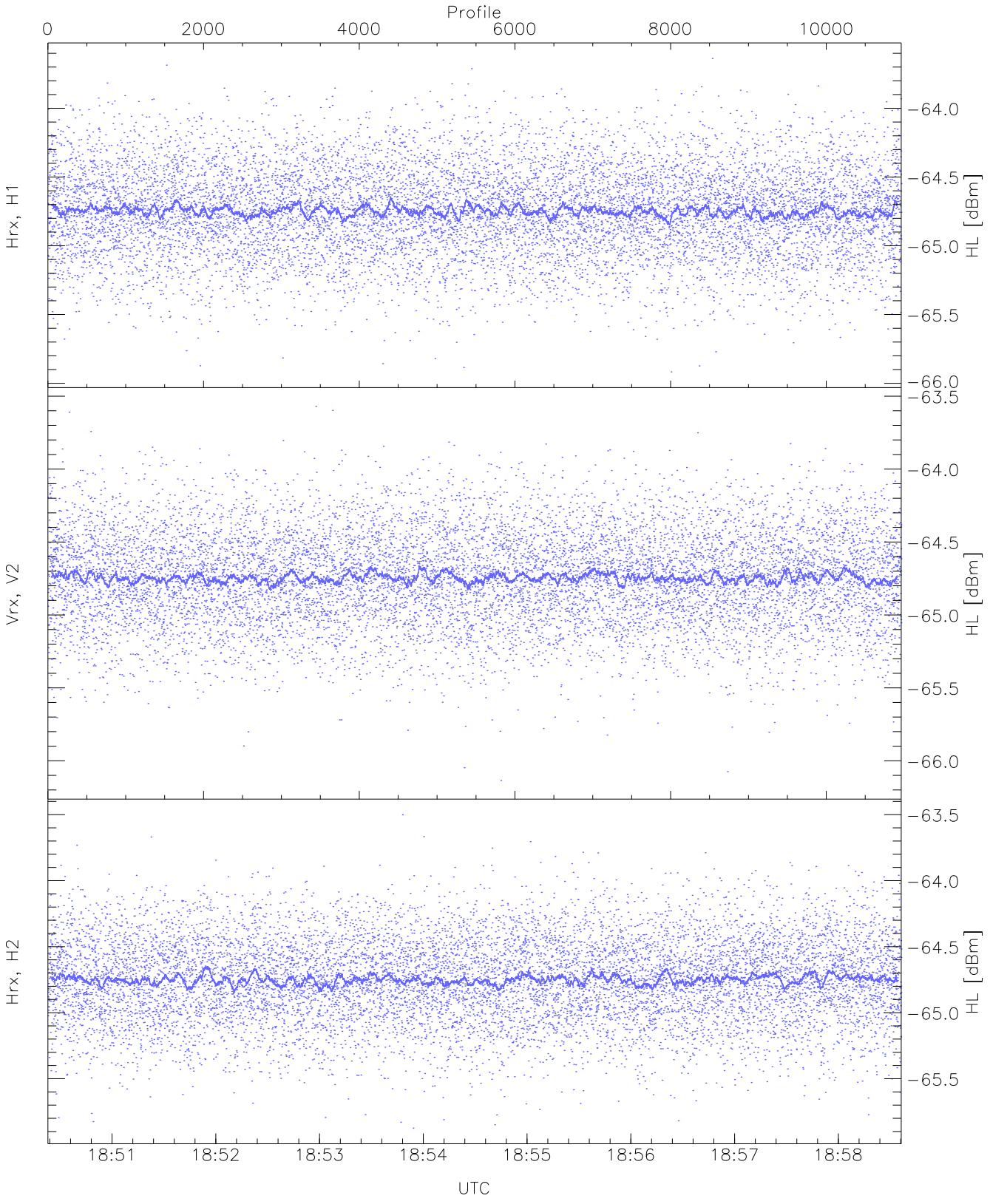
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.48	-65.23	-65.36	-65.36	-86.44
RMPHrxH1(std_dBm)	-76.11	-74.57	-75.38	-75.39	-89.18
RMPVrxV2(mean_dBm)	-65.07	-64.83	-64.95	-64.95	-86.38
RMPVrxV2(std_dBm)	-75.77	-74.21	-74.97	-74.97	-88.71
RMPHrxH2(mean_dBm)	-65.06	-64.82	-64.93	-64.93	-86.40
RMPHrxH2(std_dBm)	-75.73	-74.33	-74.95	-74.95	-88.77



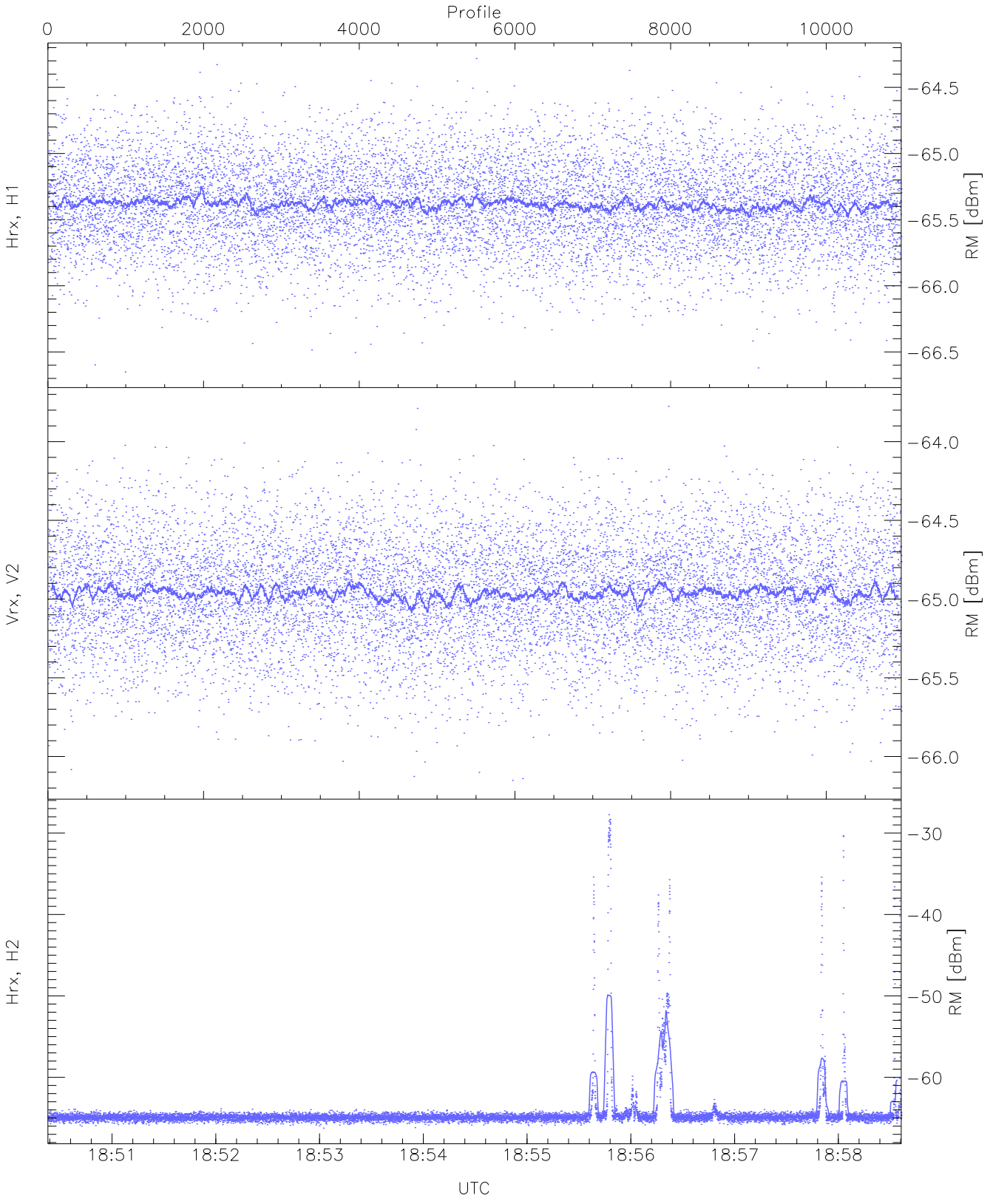
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.23	-63.89	-64.92	-64.93	-76.38
Vrx, V2(WL [dBm])	-66.21	-63.85	-64.93	-64.94	-76.48
Hrx, H2(WL [dBm])	-66.06	-63.86	-64.92	-64.93	-76.40



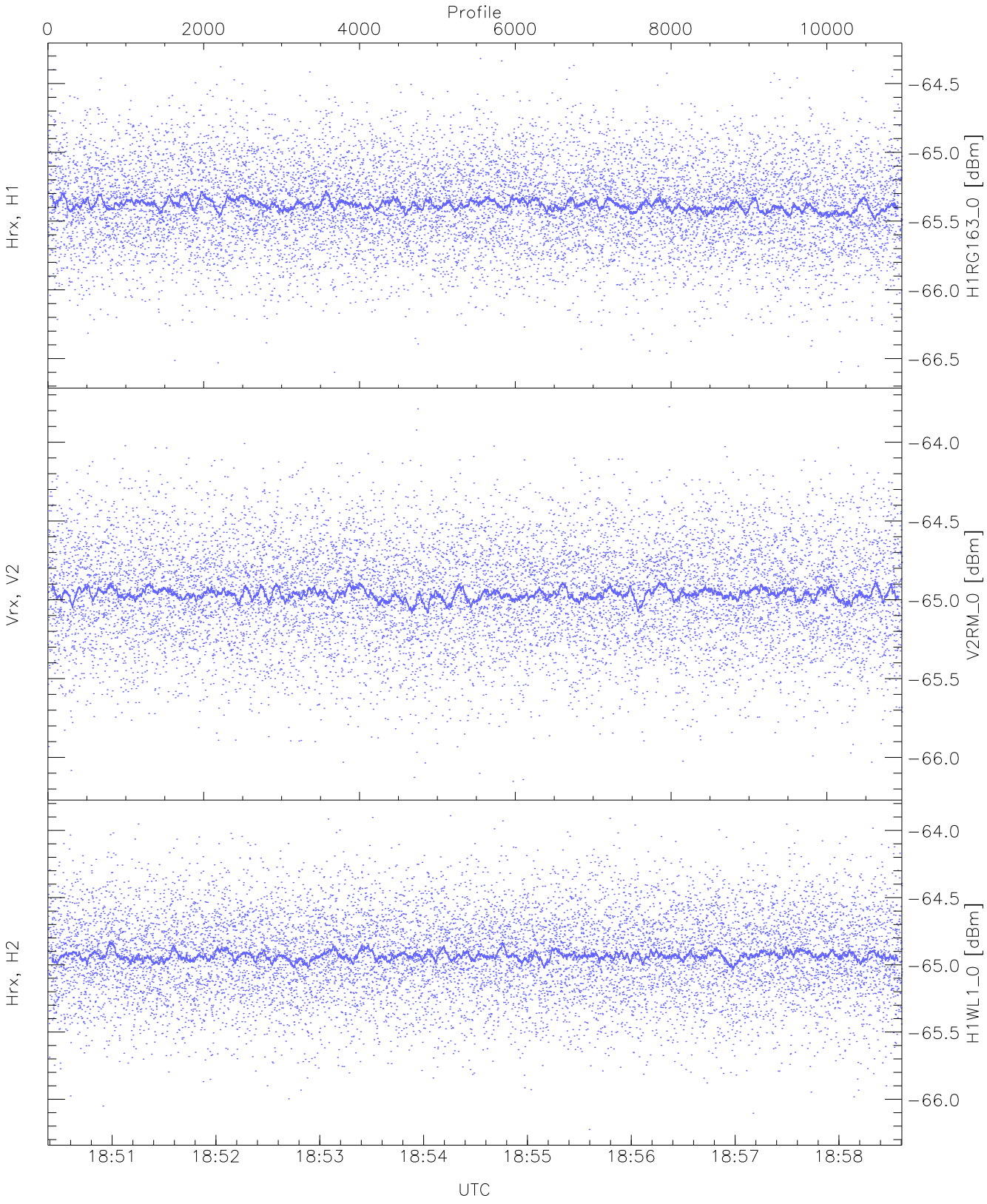
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.92	-63.64	-64.74	-64.75	-76.24
Vrx, V2(HL [dBm])	-66.13	-63.57	-64.74	-64.74	-76.25
Hrx, H2(HL [dBm])	-65.87	-63.50	-64.74	-64.75	-76.28



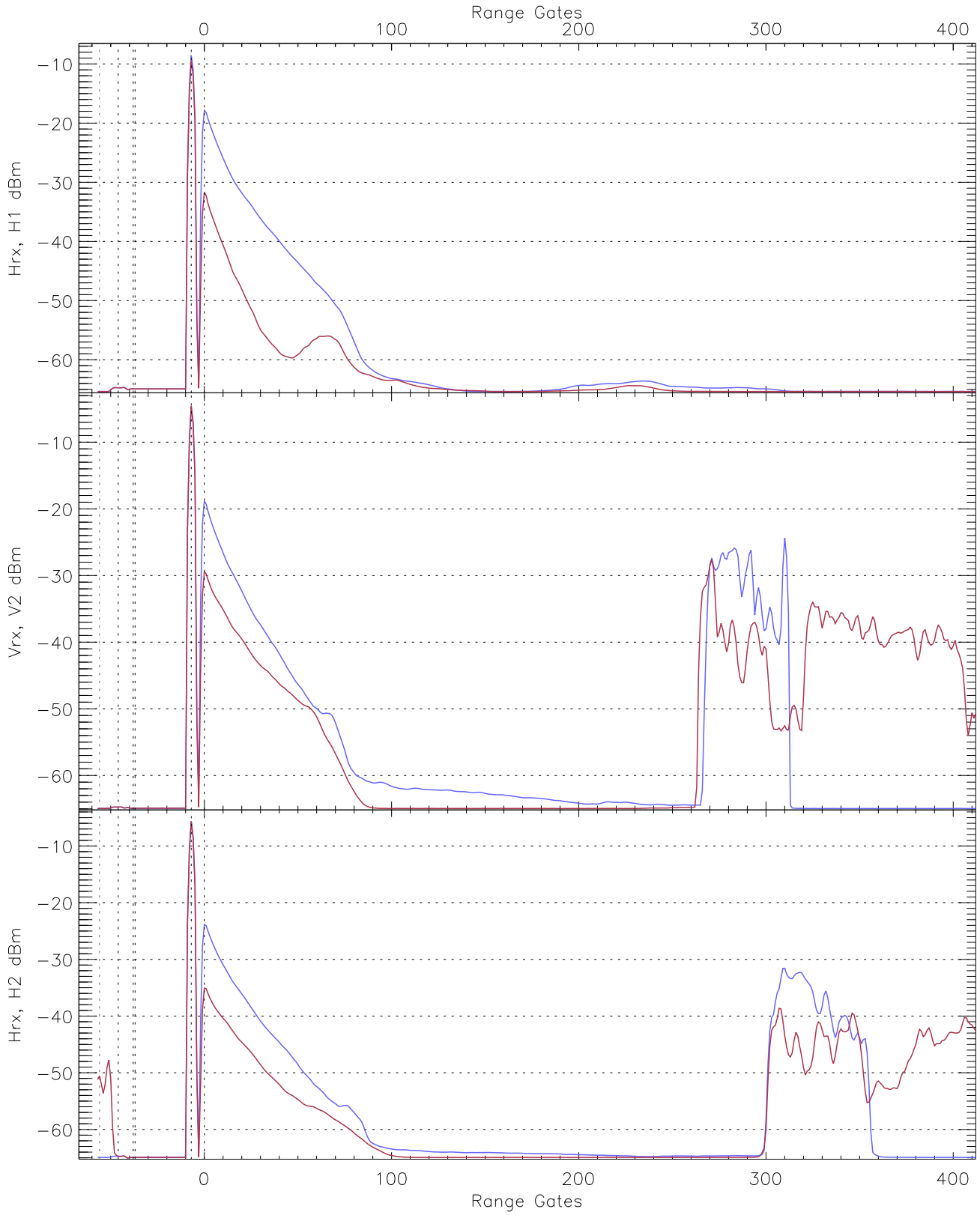
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.65	-64.28	-65.37	-65.38	-76.90
Vrx, V2(RM [dBm])	-66.15	-63.78	-64.96	-64.96	-76.42
Hrx, H2(RM [dBm])	-66.24	-27.76	-53.40	-64.88	-42.25

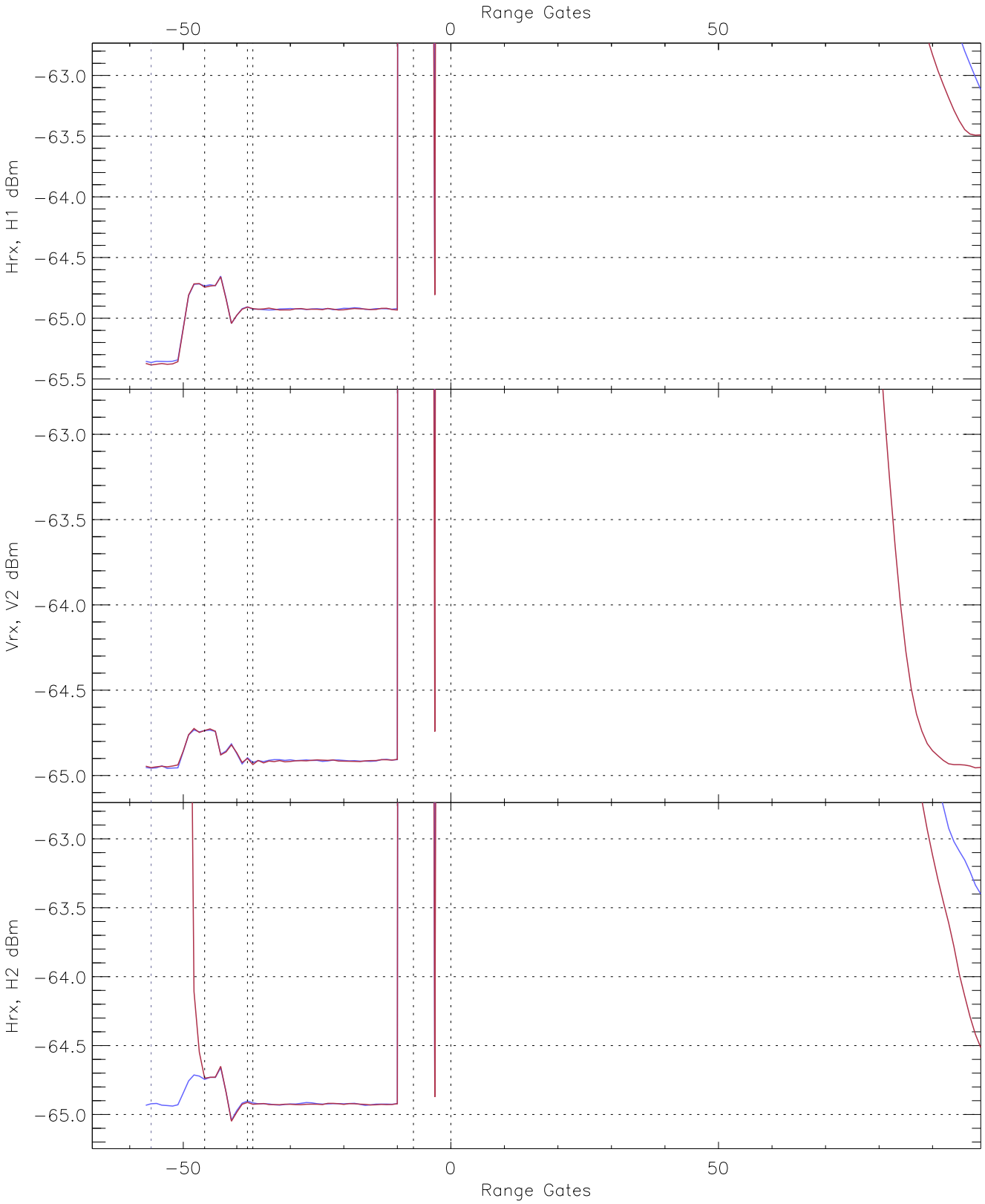


WCR3 CPP "Best" estimate Receivers Noise Power

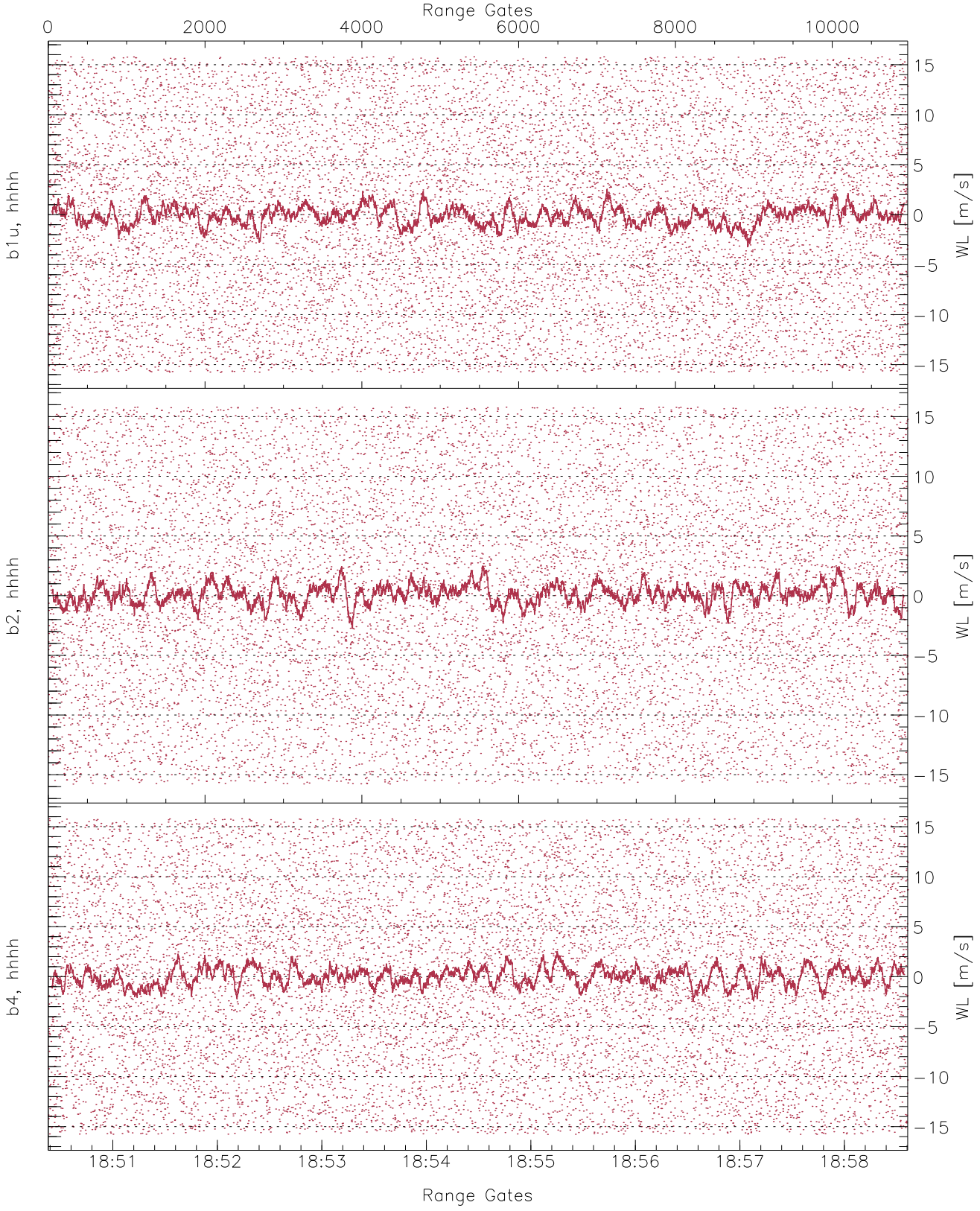
	Min	Max	Mean	Median	StDev
H1RG163_0 [dBm]	-66.60	-64.32	-65.37	-65.38	-76.93
V2RM_0 [dBm]	-66.15	-63.78	-64.96	-64.96	-76.42
H1WL1_0 [dBm]	-66.23	-63.89	-64.92	-64.93	-76.38



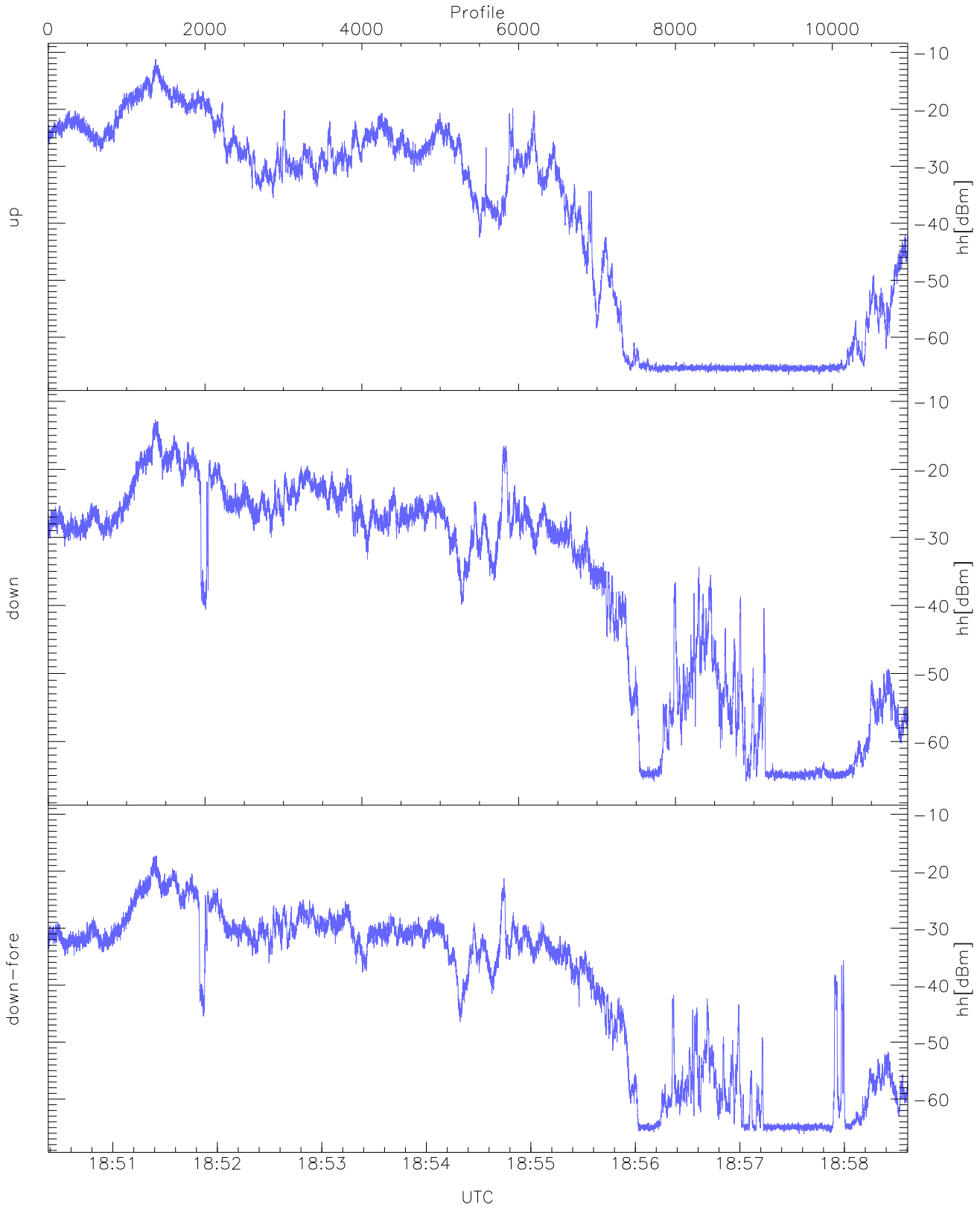
WCR3 CPP Averaged Received power for all recorded gates
blue: 185023-185430, 5483 profiles averaged
red: 185430-185836, 5482 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 185023-185430, 5483 profiles averaged
red: 185430-185836, 5482 profiles averaged

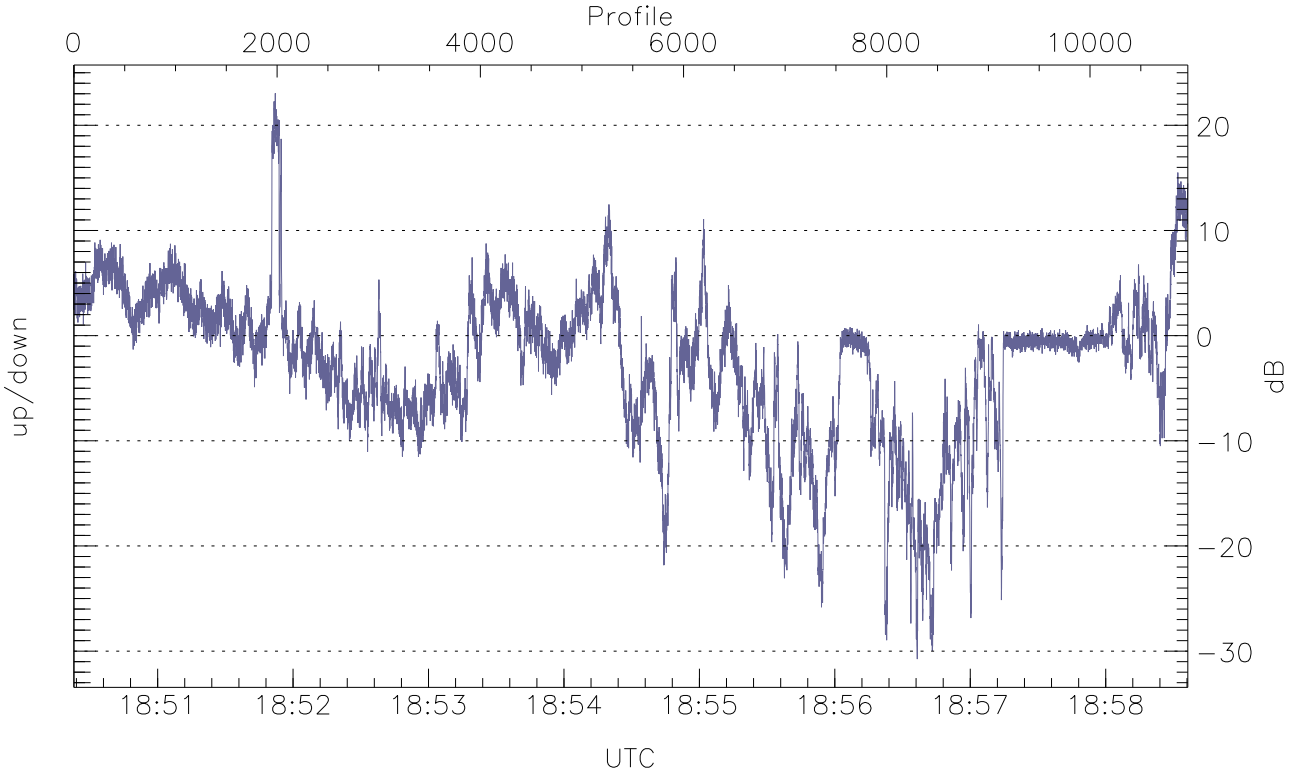


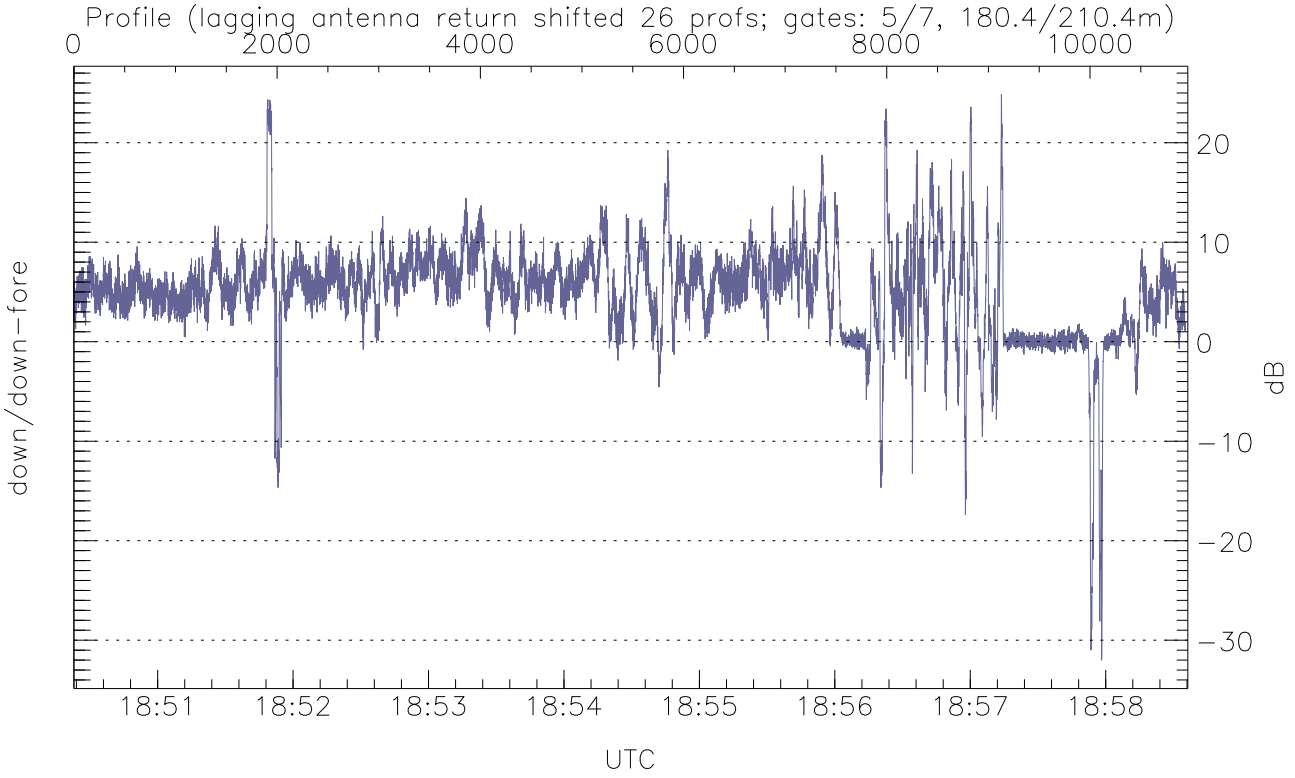
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

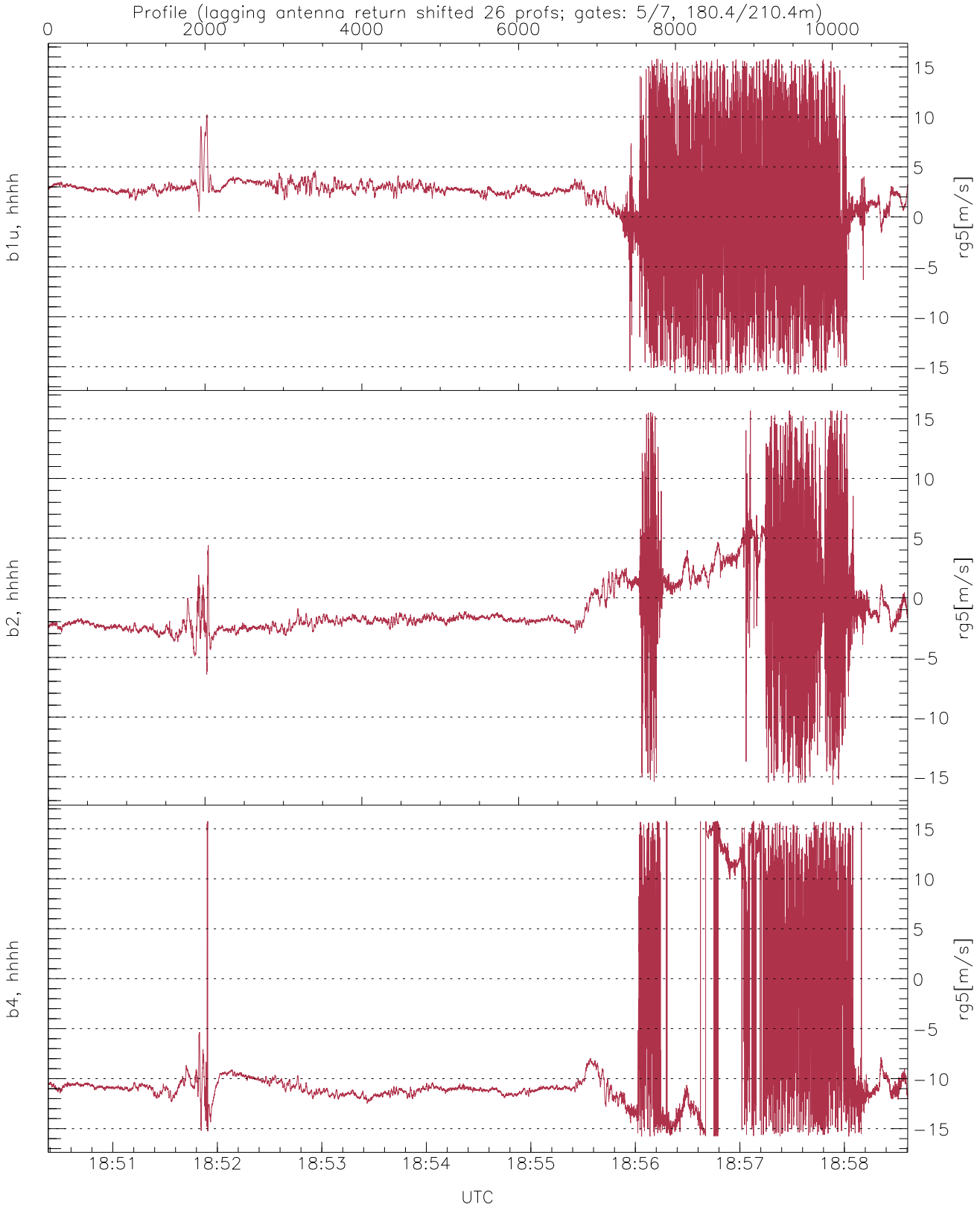
	Min	Max	Mean
up(hh[dBm])	-66.58	-11.17	-24.86
down(hh[dBm])	-65.90	-12.69	-25.58
down-fore(hh[dBm])	-66.08	-17.29	-30.23





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

	Min	Max	Mean
up/down(dB)	-30.75	23.04	-2.66
down/down-fore(dB)	-32.02	24.85	5.01



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	1.95	4.51
b2, hhhh(rg5[m/s])	-15.65	15.71	-0.93	3.19
b4, hhhh(rg5[m/s])	-15.78	15.79	-8.33	7.33