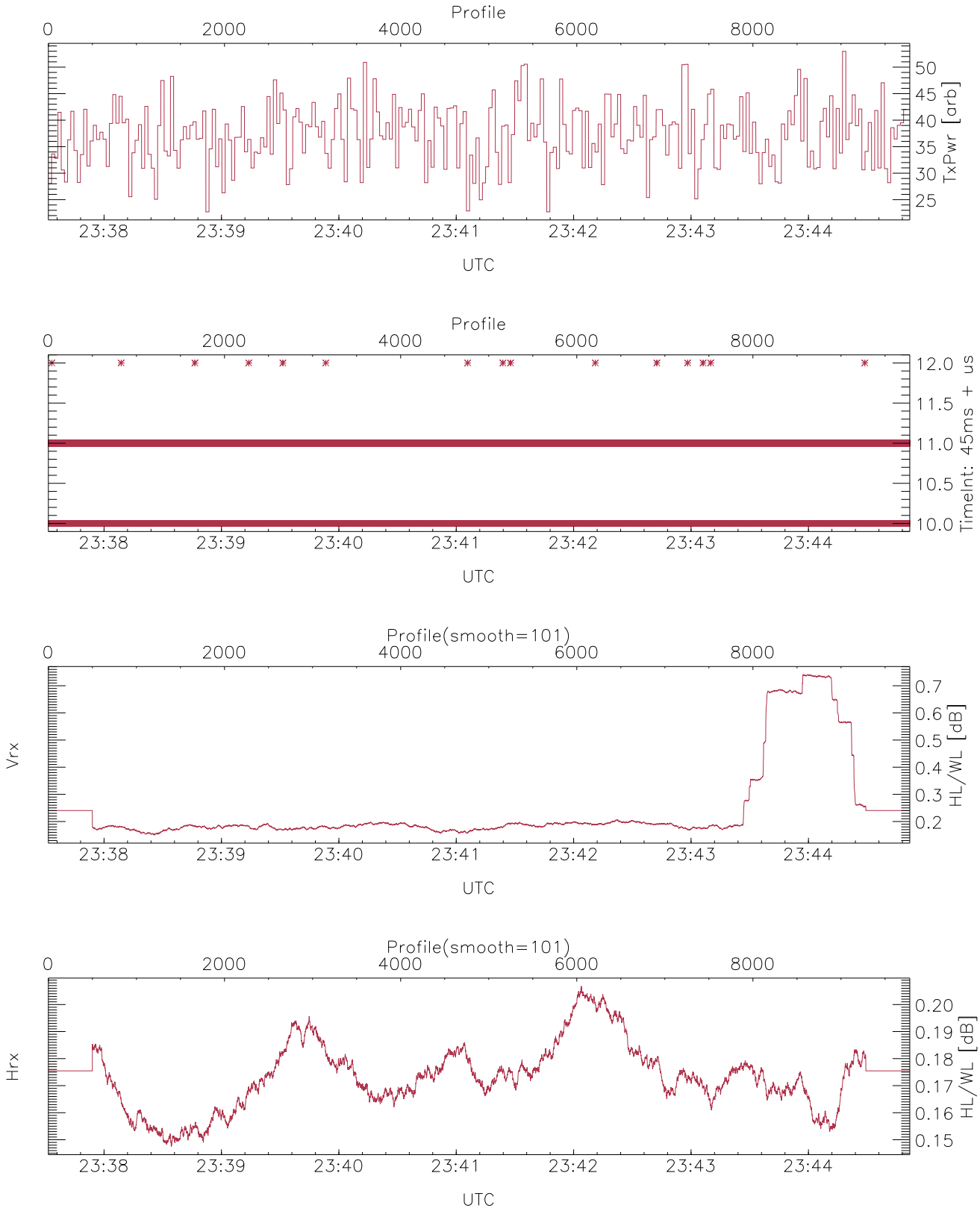
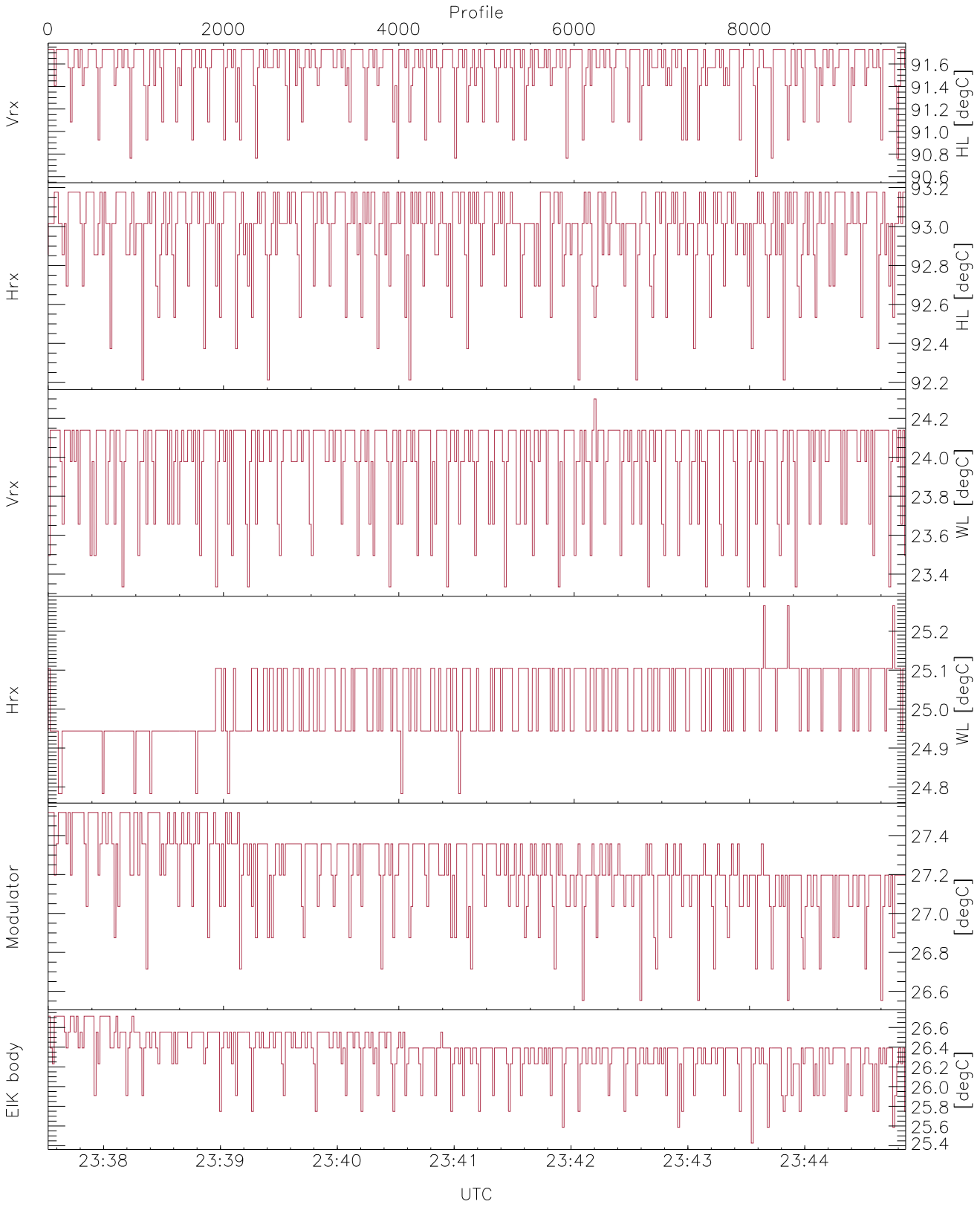


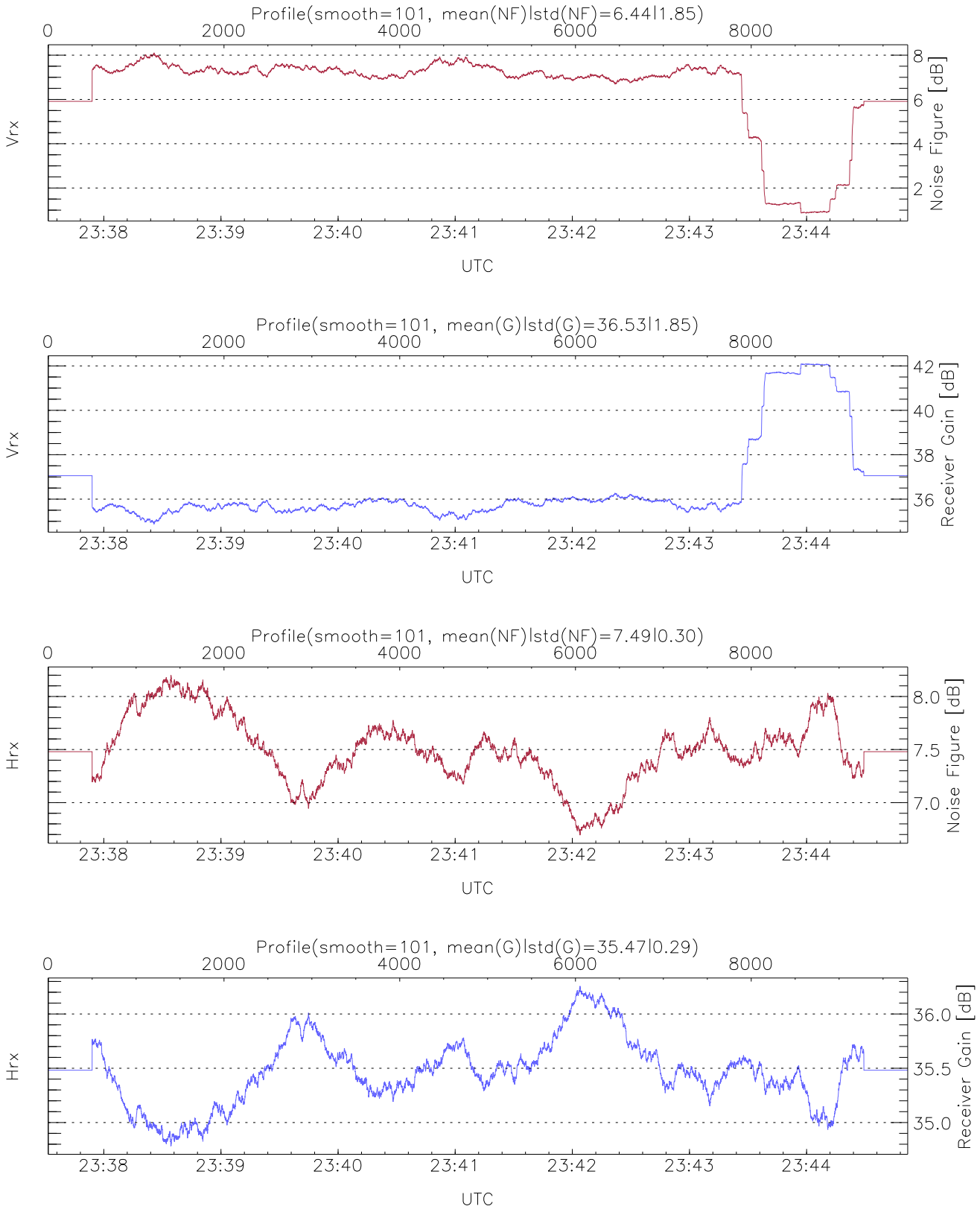
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 23:37:32-23:44:52, TimeCor: 0.00s, Dur: 440.25s
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): 9782/9782, 0-9781/23:37:32-23:44:52
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



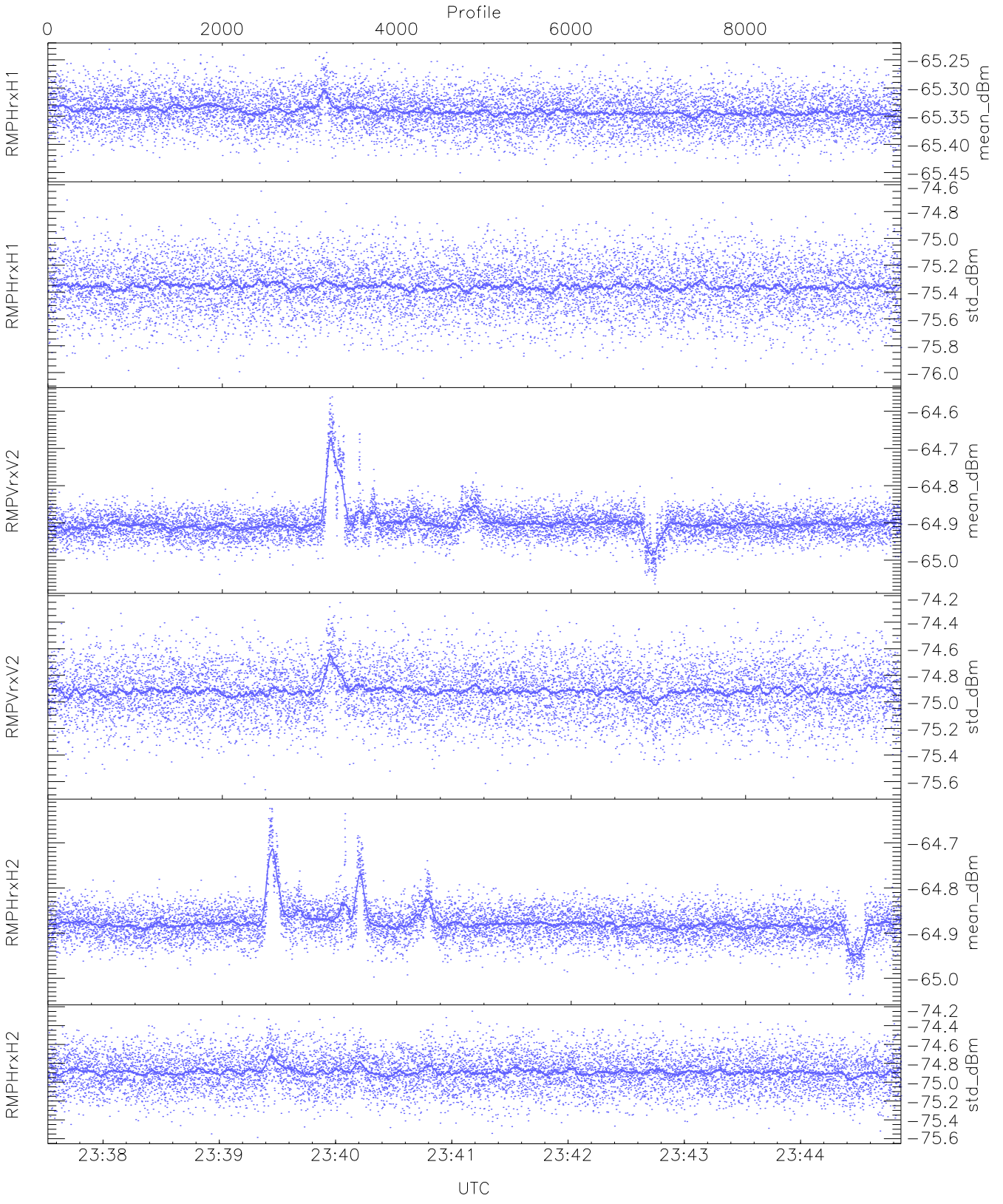
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,23,24,26,25
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,24,25,27,26
LOalarm(20,240,2817,14861 MHz): None
EIK/Modulator Faults: None



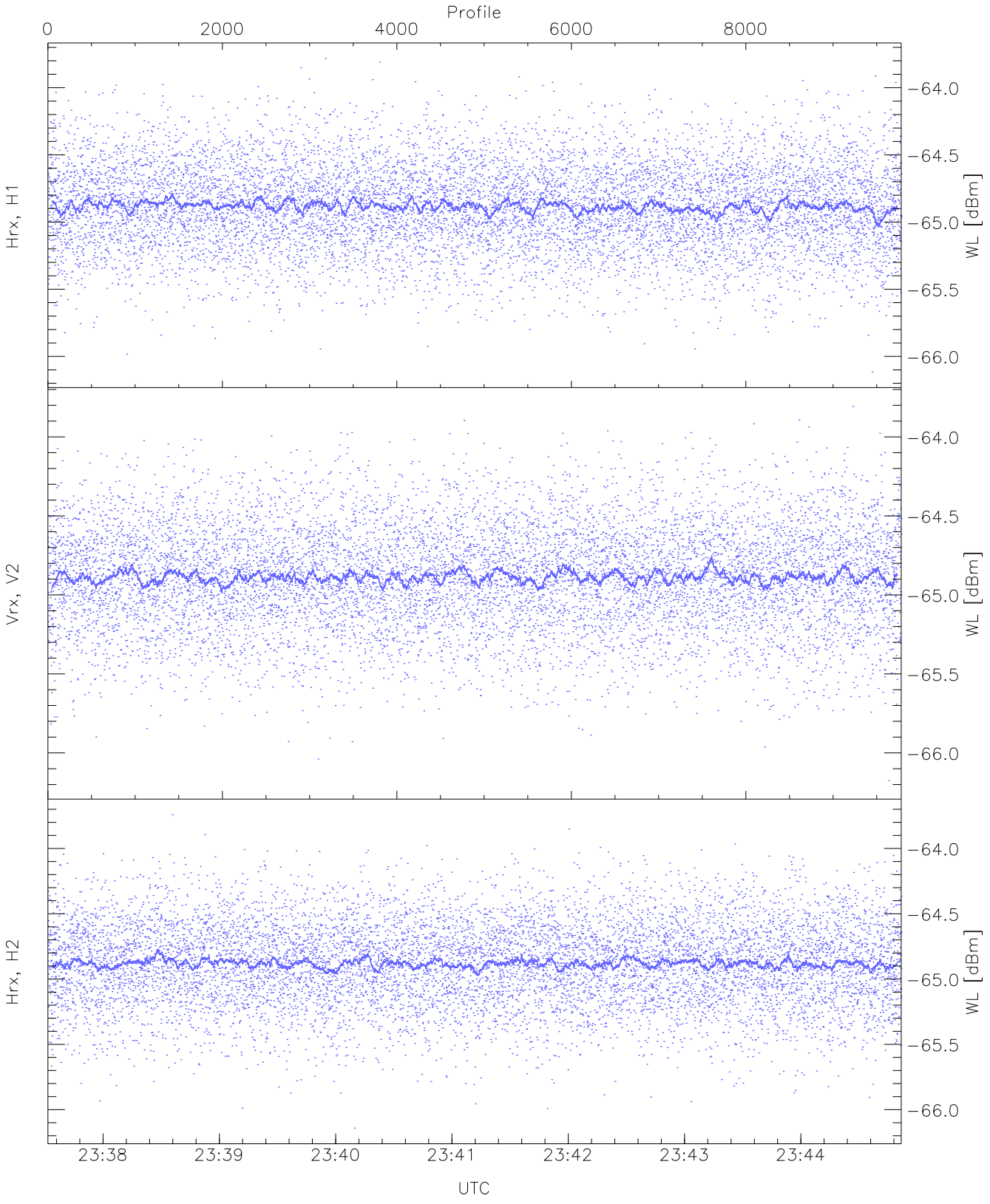
WCR3 CPP Receivers Gain and Noise Figure

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



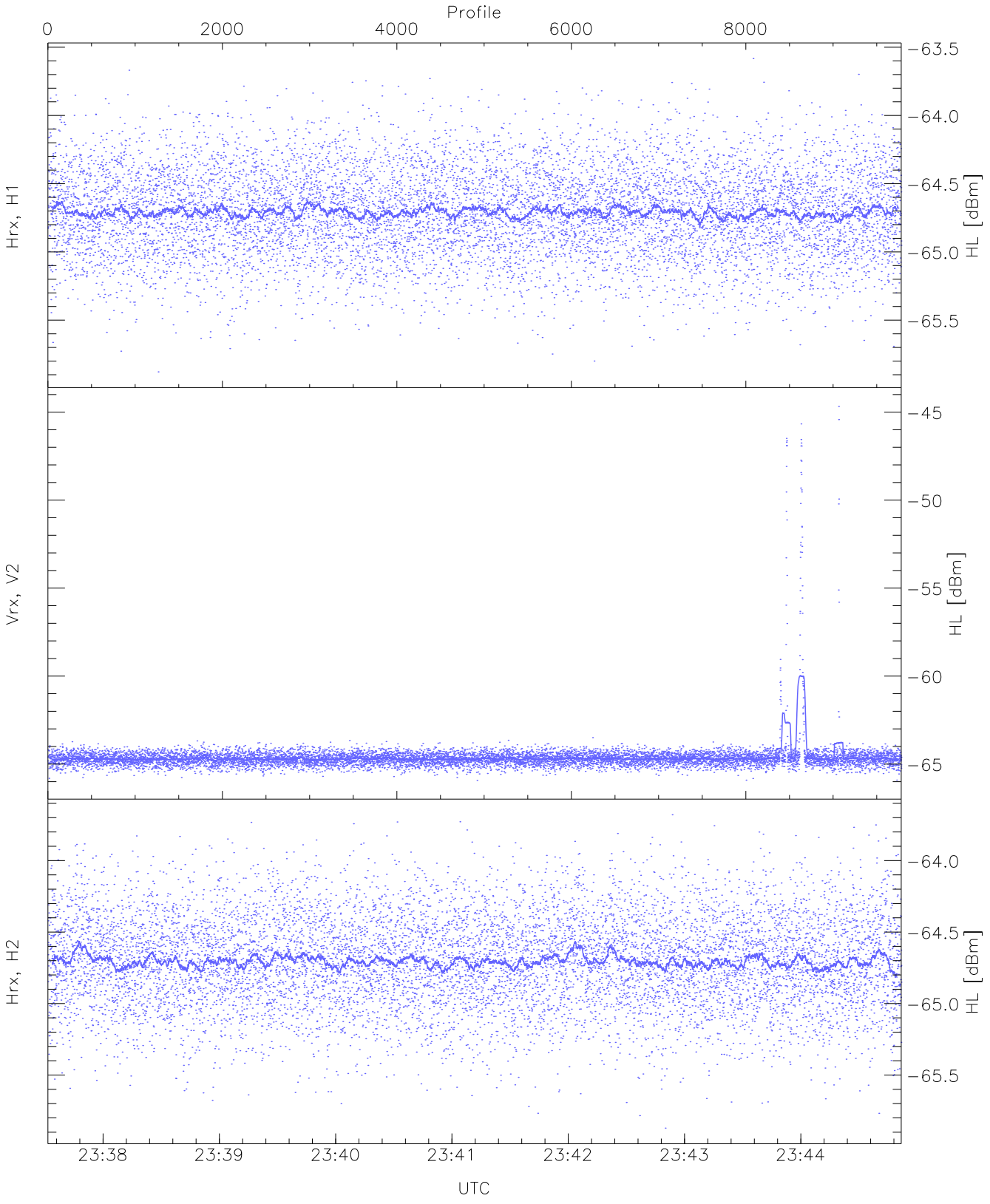
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.46	-65.23	-65.34	-65.34	-86.89
RMPHrxH1(std_dBm)	-76.04	-74.65	-75.36	-75.36	-89.16
RMPVrxV2(mean_dBm)	-65.06	-64.56	-64.90	-64.90	-84.77
RMPVrxV2(std_dBm)	-75.66	-74.25	-74.91	-74.92	-88.63
RMPHrxH2(mean_dBm)	-65.04	-64.62	-64.88	-64.88	-85.21
RMPHrxH2(std_dBm)	-75.59	-74.25	-74.89	-74.89	-88.65



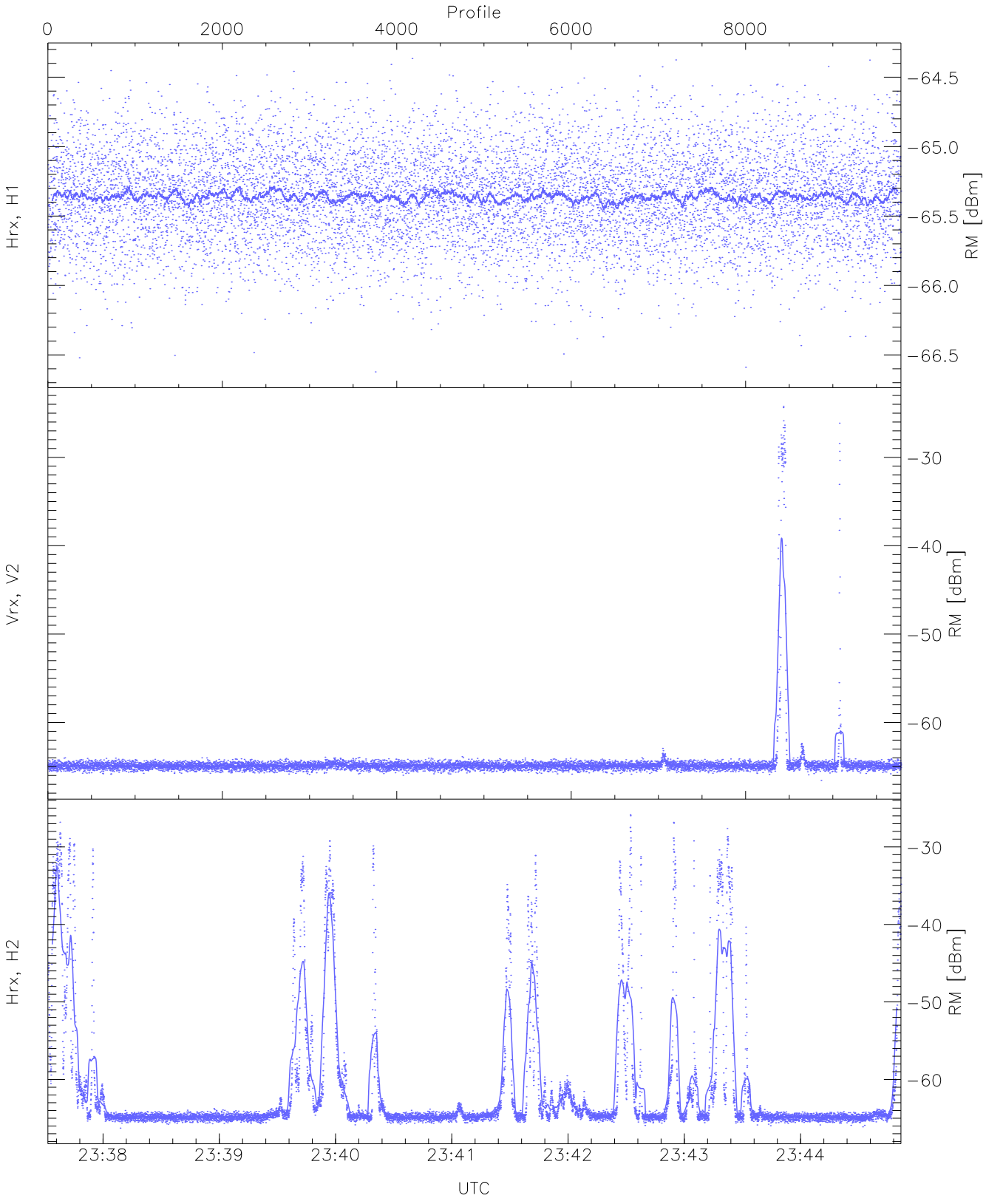
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.12	-63.78	-64.88	-64.88	-76.39
Vrx, V2(WL [dBm])	-66.17	-63.81	-64.88	-64.88	-76.33
Hrx, H2(WL [dBm])	-66.14	-63.74	-64.87	-64.88	-76.41



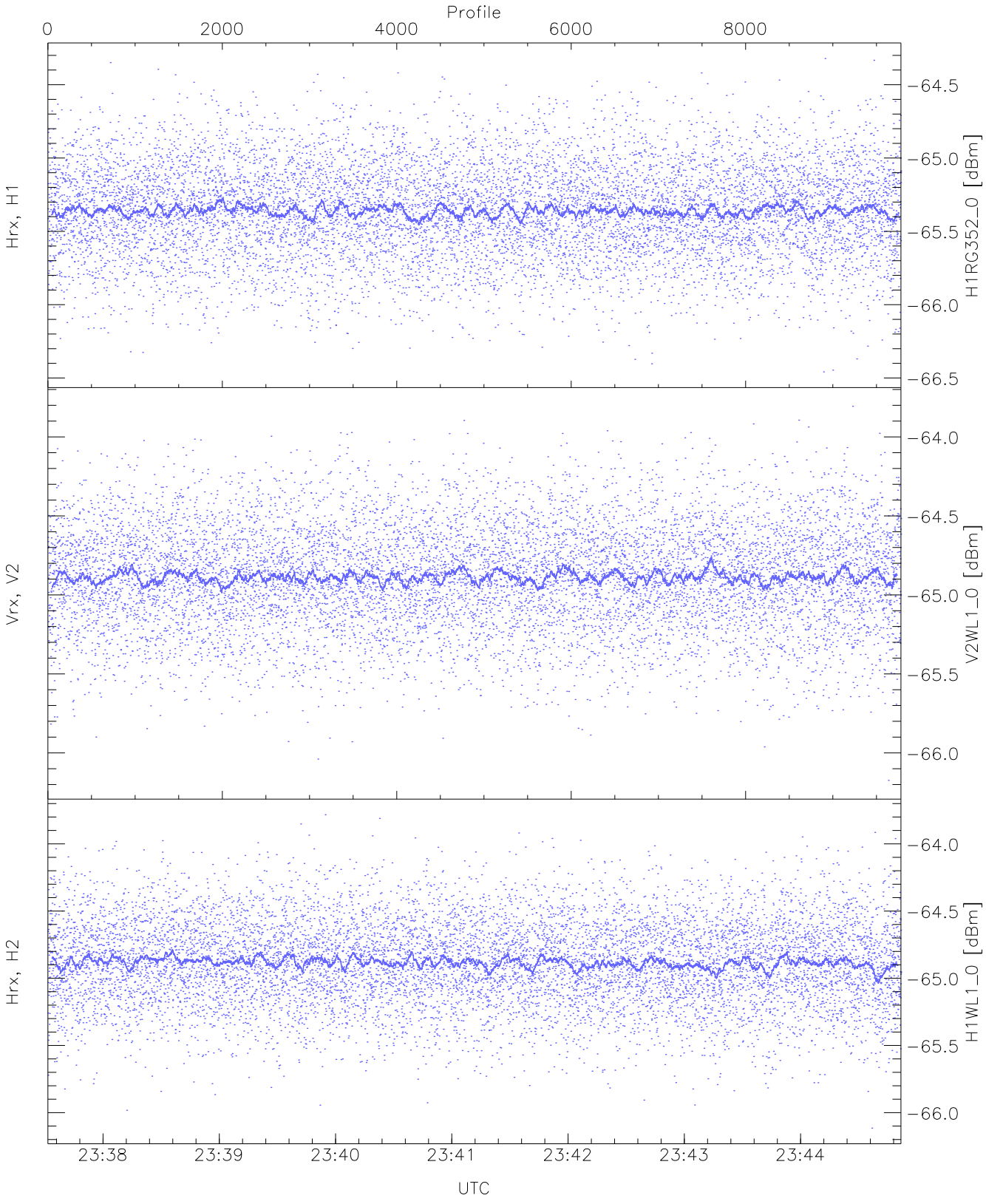
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.88	-63.58	-64.70	-64.71	-76.25
Vrx, V2(HL [dBm])	-65.93	-44.67	-64.04	-64.70	-60.20
Hrx, H2(HL [dBm])	-65.87	-63.68	-64.70	-64.70	-76.20



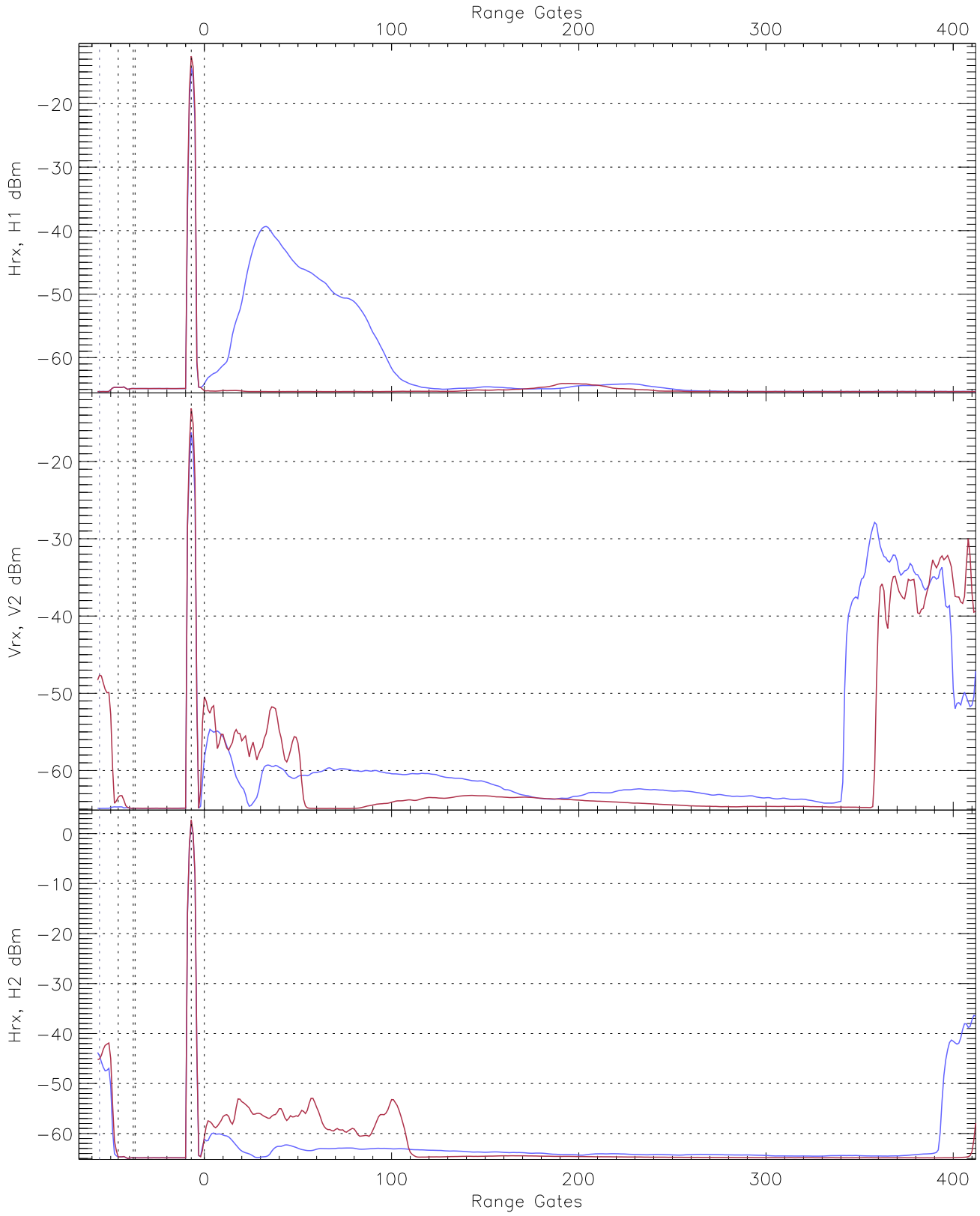
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.62	-64.37	-65.35	-65.36	-76.89
Vrx, V2(RM [dBm])	-66.56	-24.22	-50.58	-64.89	-39.41
Hrx, H2(RM [dBm])	-66.27	-25.86	-44.78	-64.57	-38.32

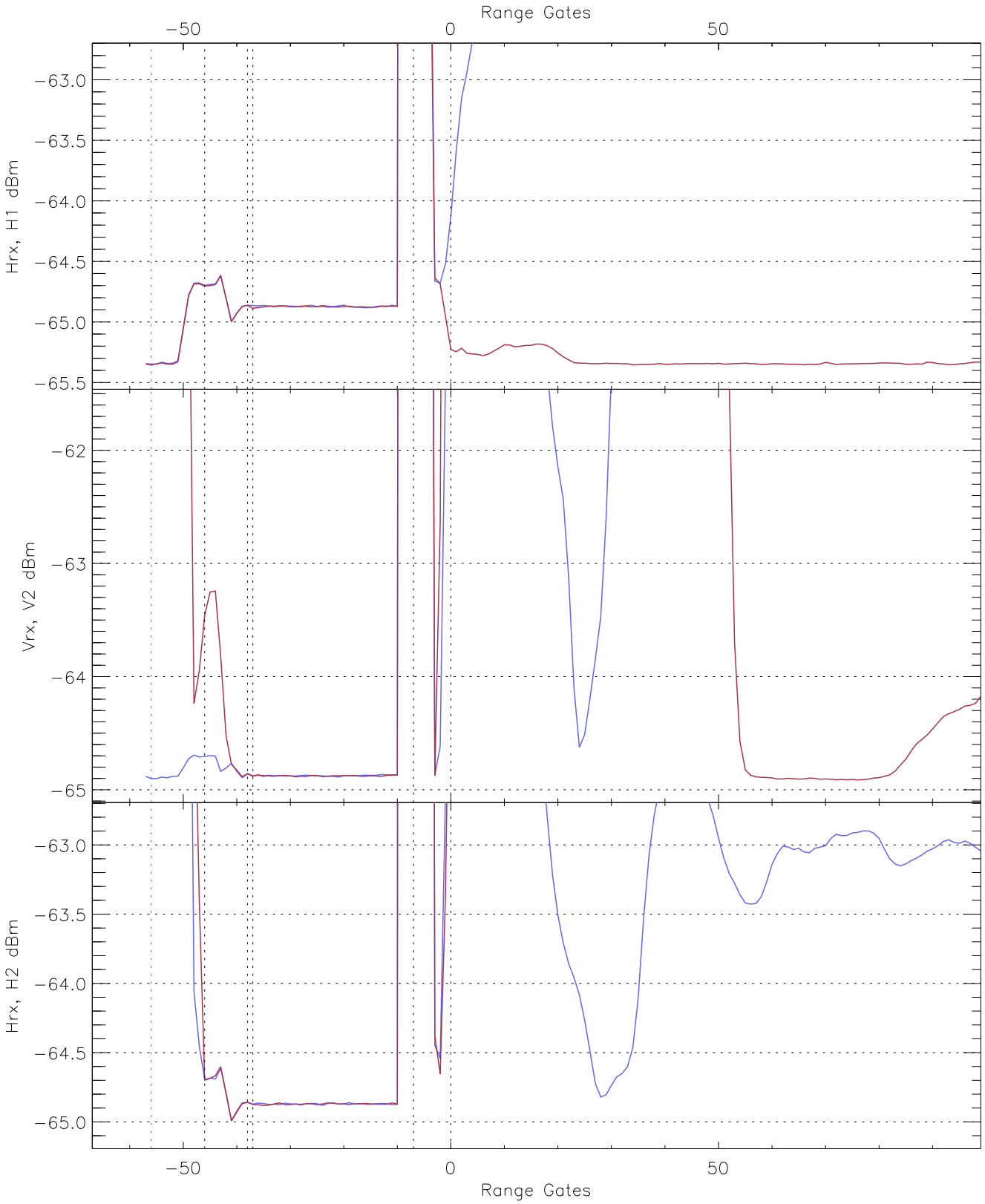


WCR3 CPP "Best" estimate Receivers Noise Power

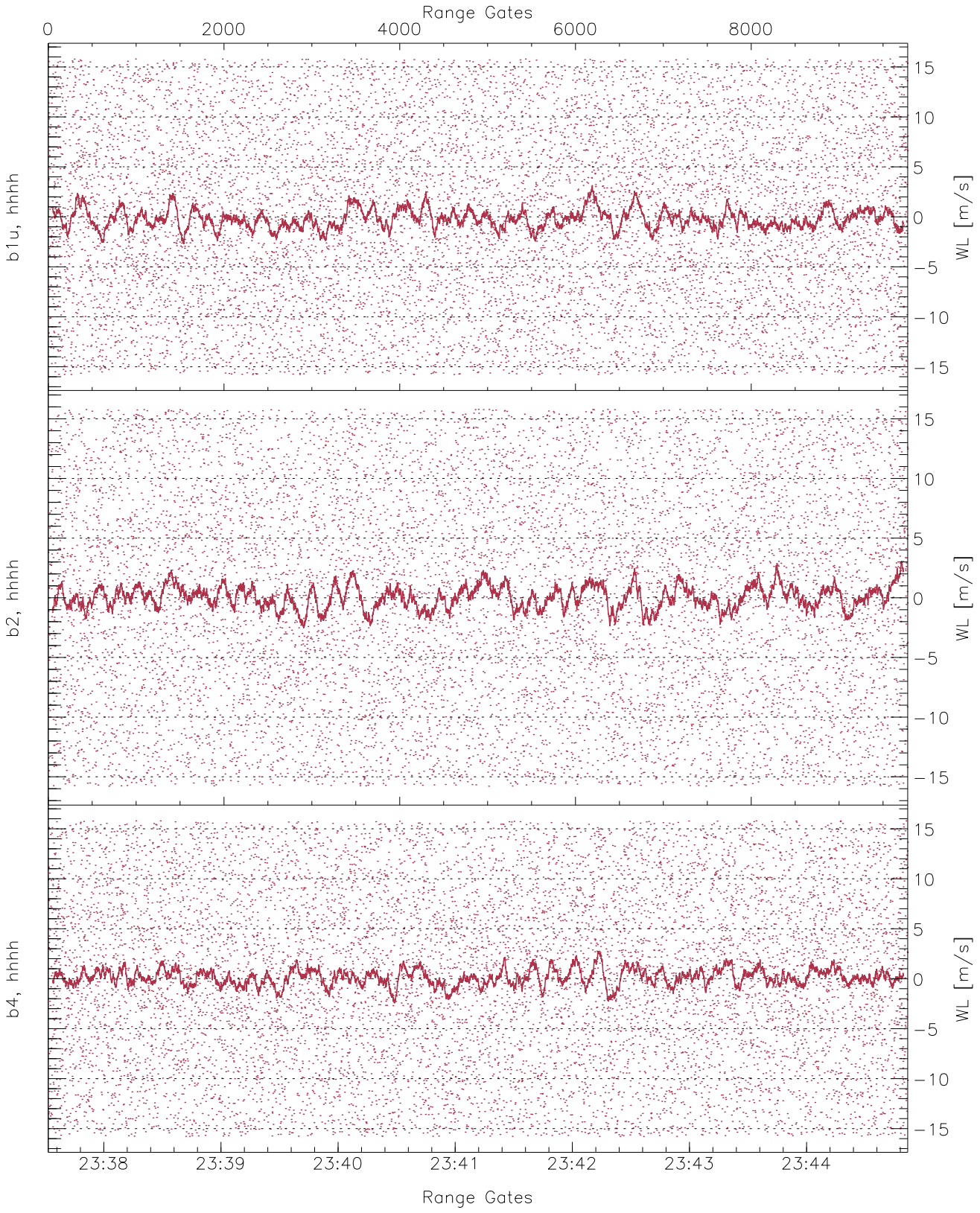
	Min	Max	Mean	Median	StDev
H1RG352_0 [dBm]	-66.46	-64.32	-65.35	-65.36	-76.89
V2WL1_0 [dBm]	-66.17	-63.81	-64.88	-64.88	-76.33
H1WL1_0 [dBm]	-66.12	-63.78	-64.88	-64.88	-76.39



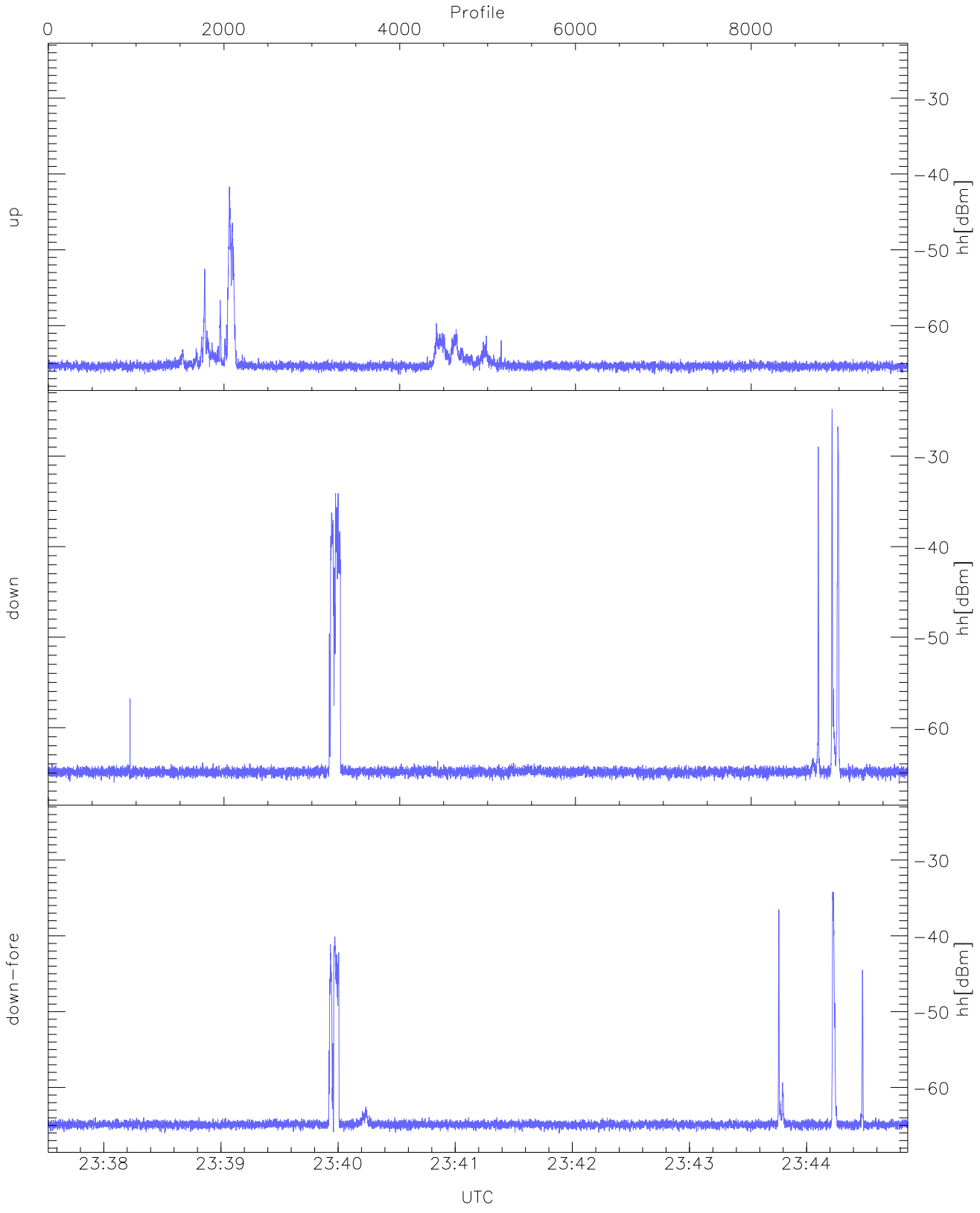
WCR3 CPP Averaged Received power for all recorded gates
blue: 233732-234112, 4892 profiles averaged
red: 234112-234452, 4891 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 233732-234112, 4892 profiles averaged
red: 234112-234452, 4891 profiles averaged

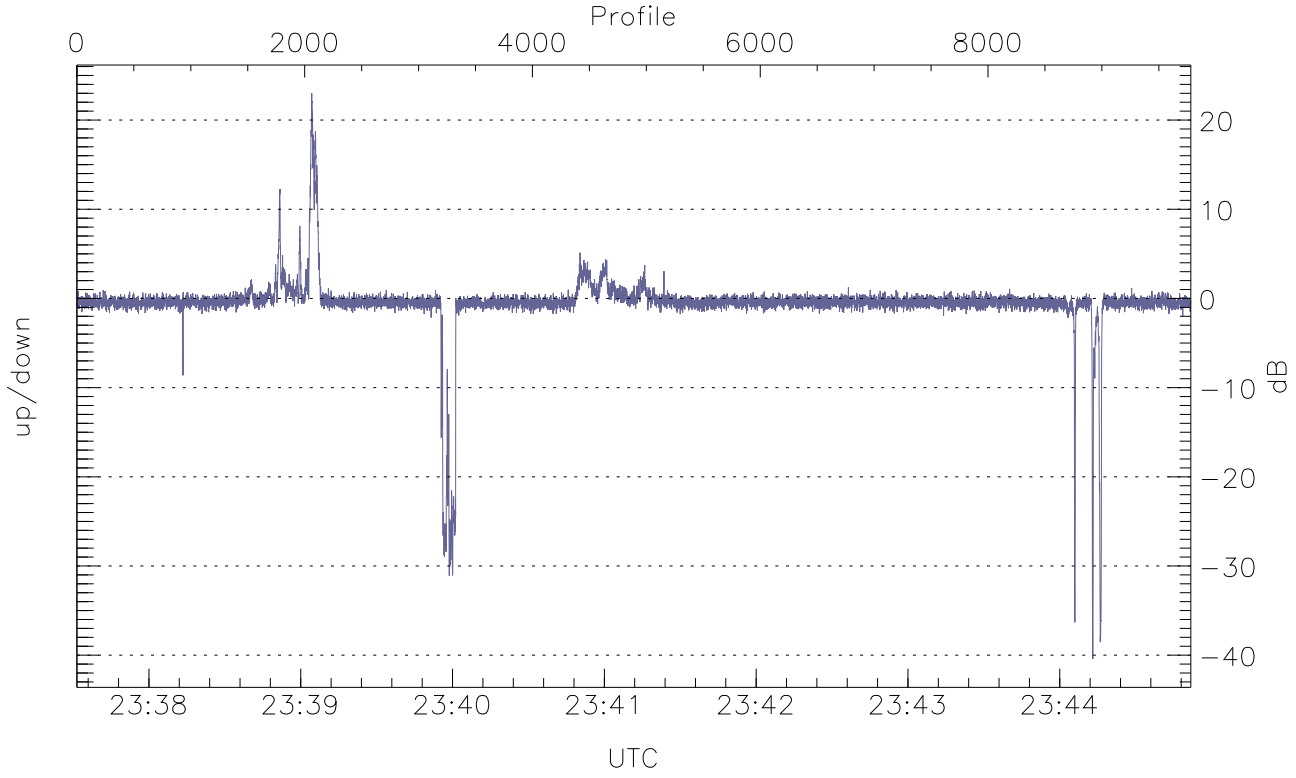


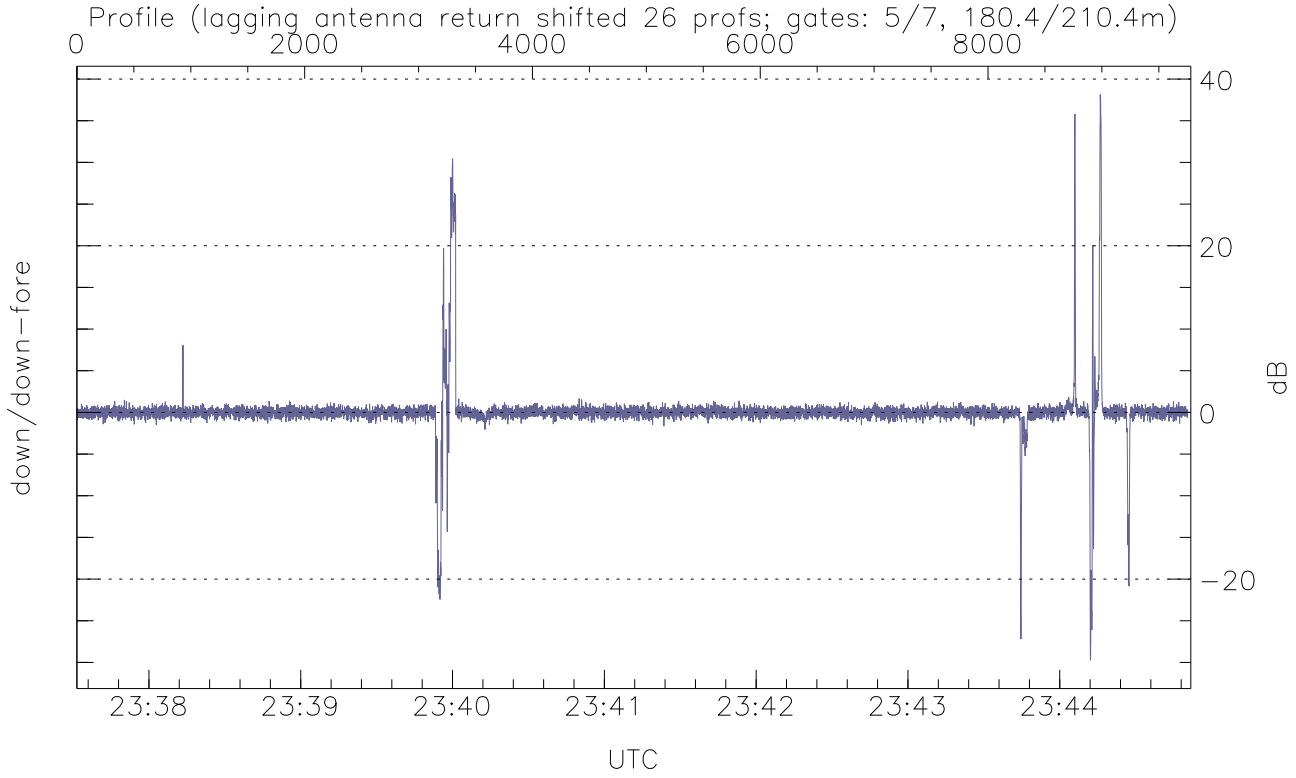
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

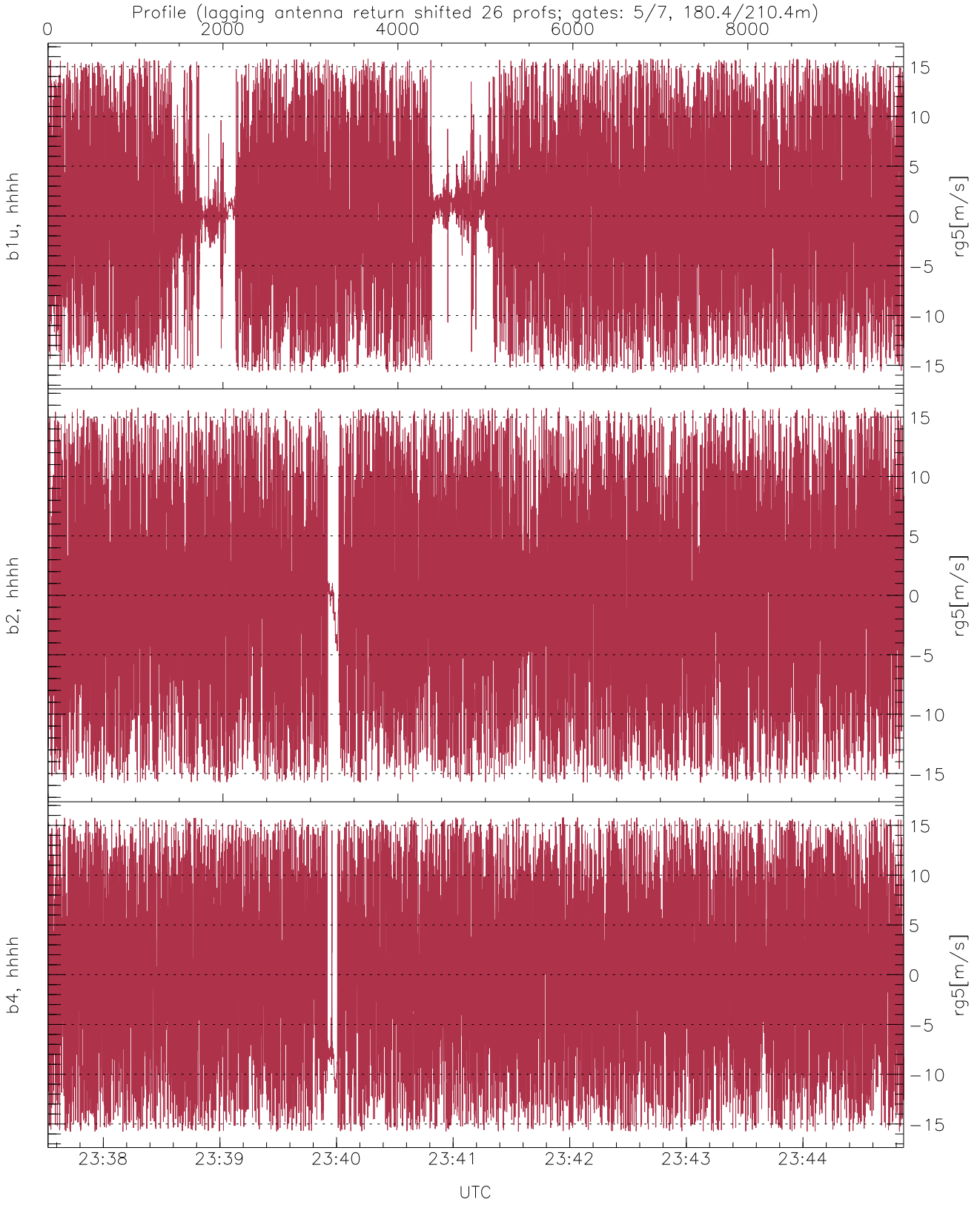
	Min	Max	Mean
up(hh[dBm])	-66.47	-41.67	-63.66
down(hh[dBm])	-66.20	-24.83	-52.99
down-fore(hh[dBm])	-66.07	-34.18	-59.19





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

	Min	Max	Mean
up/down(dB)	-40.44	23.00	-0.56
down/down-fore(dB)	-29.74	38.15	0.04



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	0.10	8.00
b2, hhhh(rg5[m/s])	-15.78	15.79	-0.18	8.51
b4, hhhh(rg5[m/s])	-15.78	15.79	-0.10	8.64