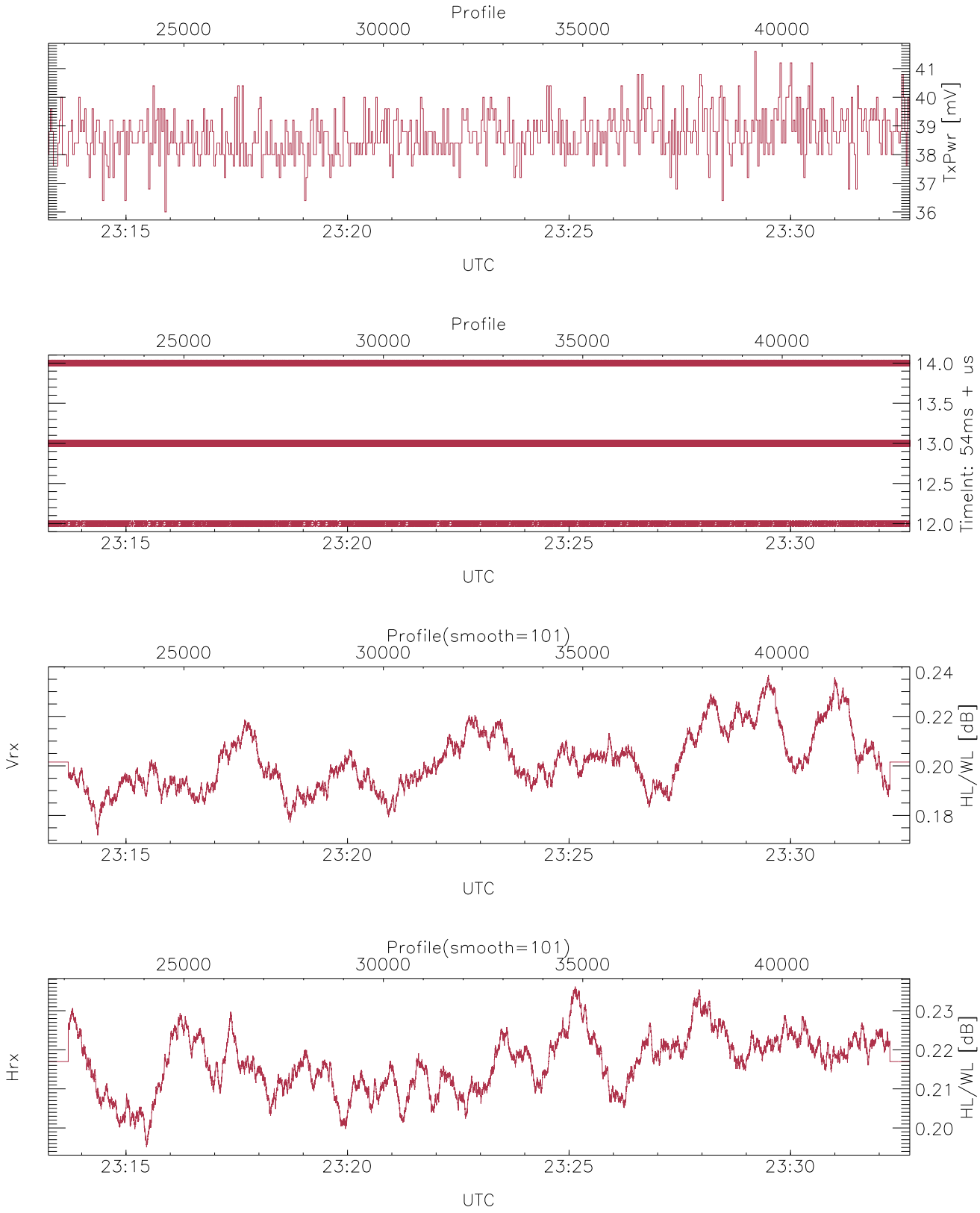
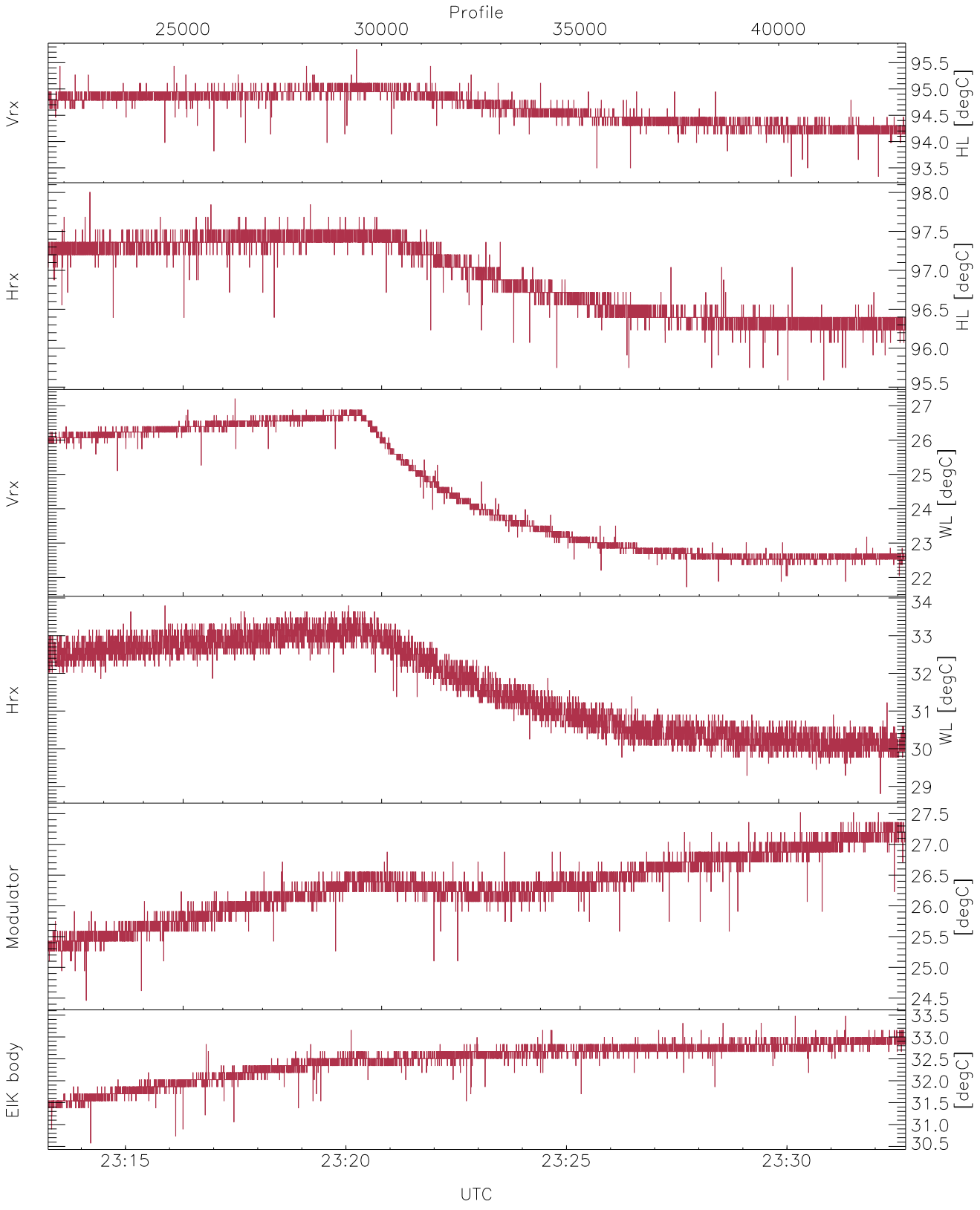


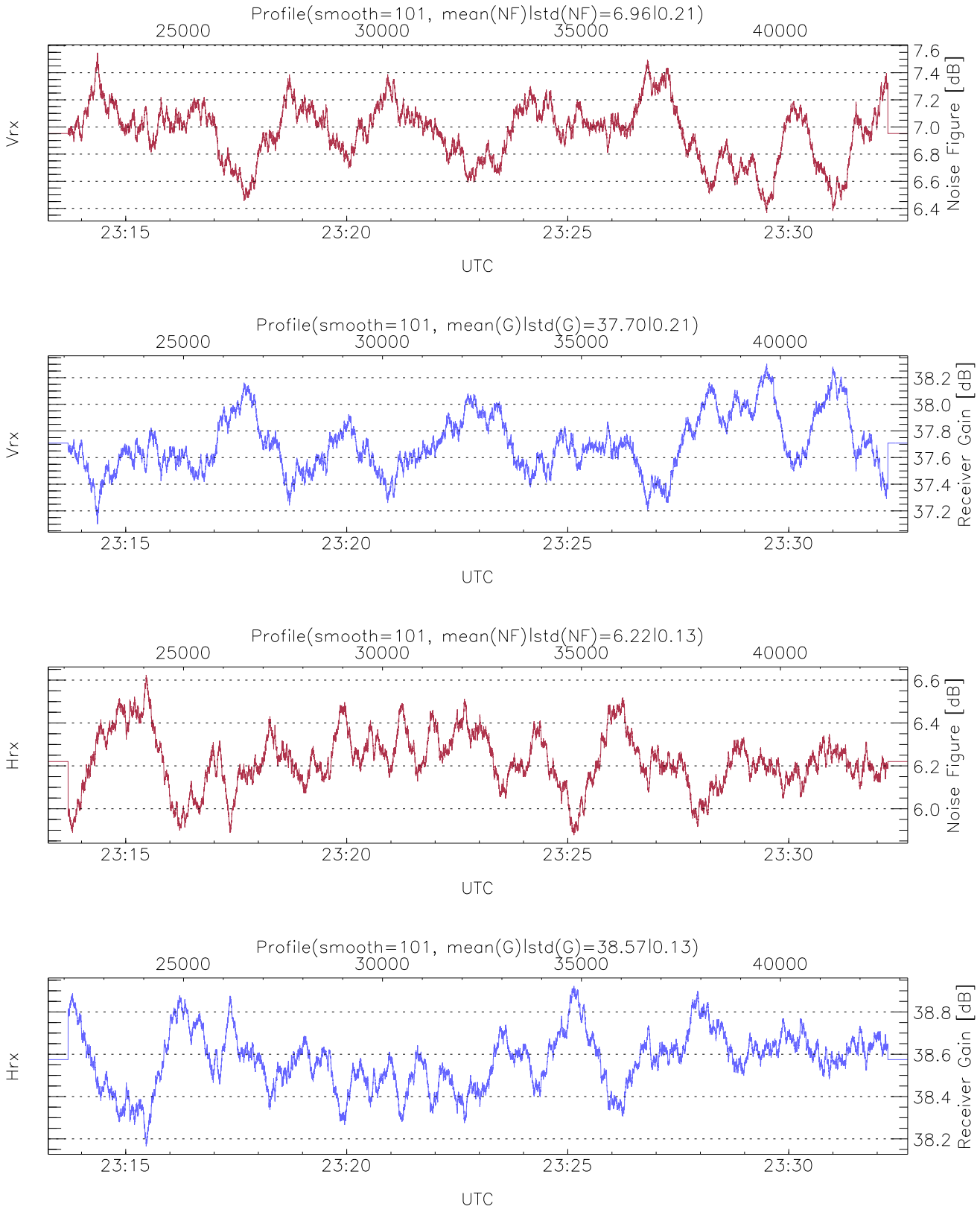
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 22:53:48-23:38:32, Dur: 2684.20s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 54.0,54.0,54.0,0.0 ms / 19,19,19
NumRec(r/t): 21600/49696, 21600-43199/23:13:15-23:32:41
AcqTime: 54.0ms, Rate: 287KB/s, Averages: 180
Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2
PRF: 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us
Range(min,max,rgs): 105,6037,15.0 m, Gates: 396, Aspect: 3.1
Mirror(-9|0|1|2,3,9x = no mirror|sideluplerror): 1



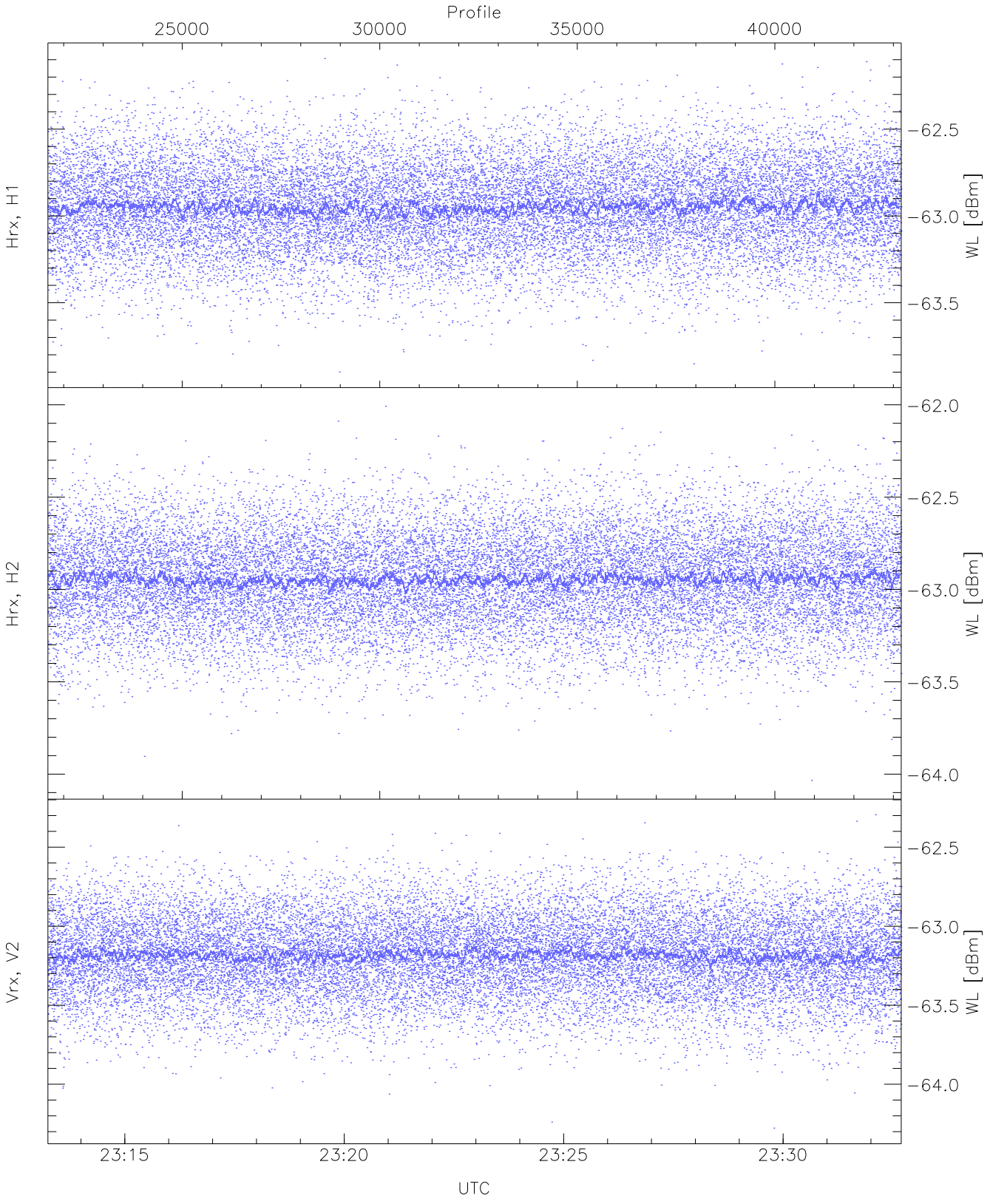
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,21,28,24,30
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 95,98,27,33,27,33
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (29,29,29,29,23,10)



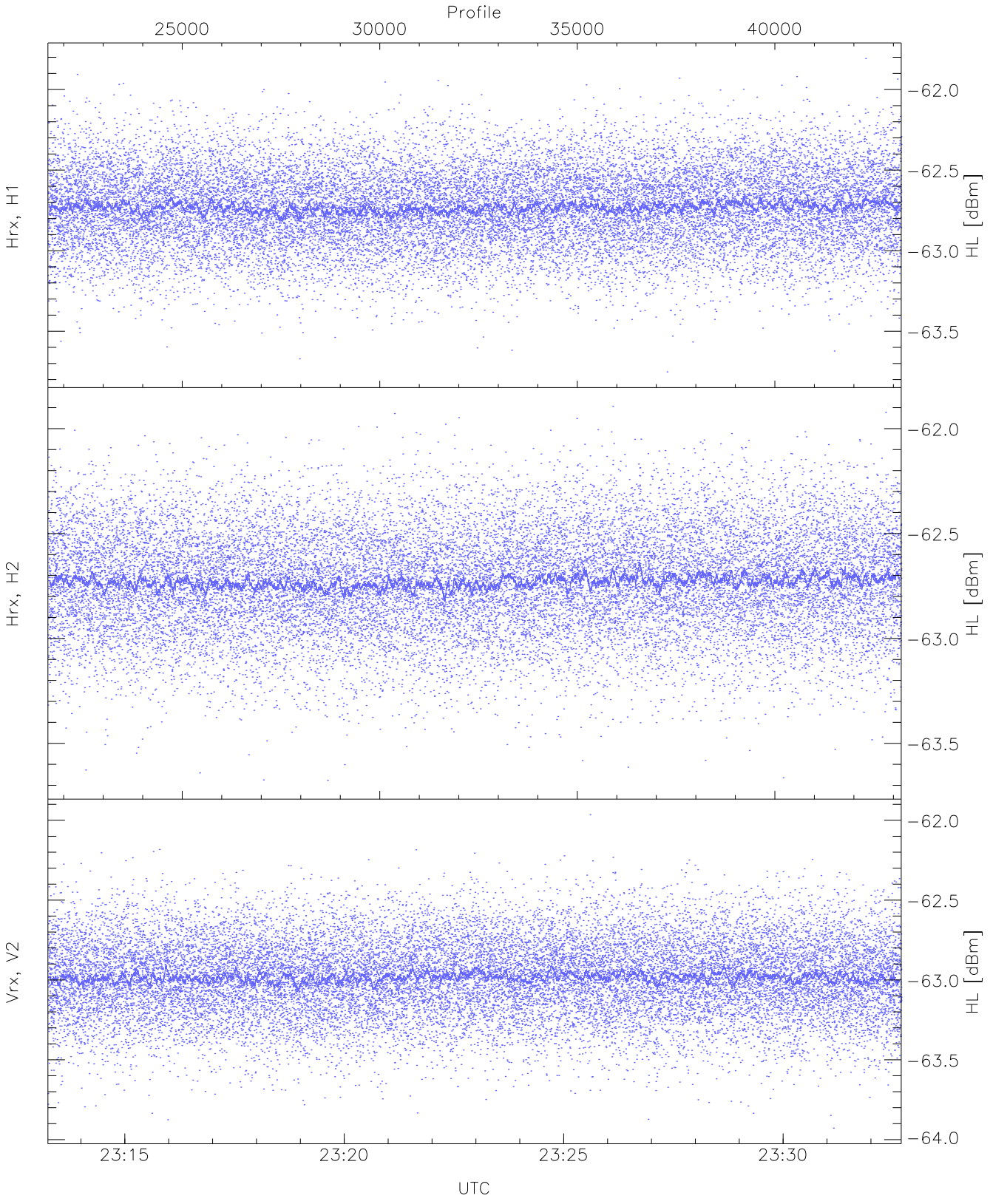
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 788 pixs, 52 gates, 770 profs, 1 prods



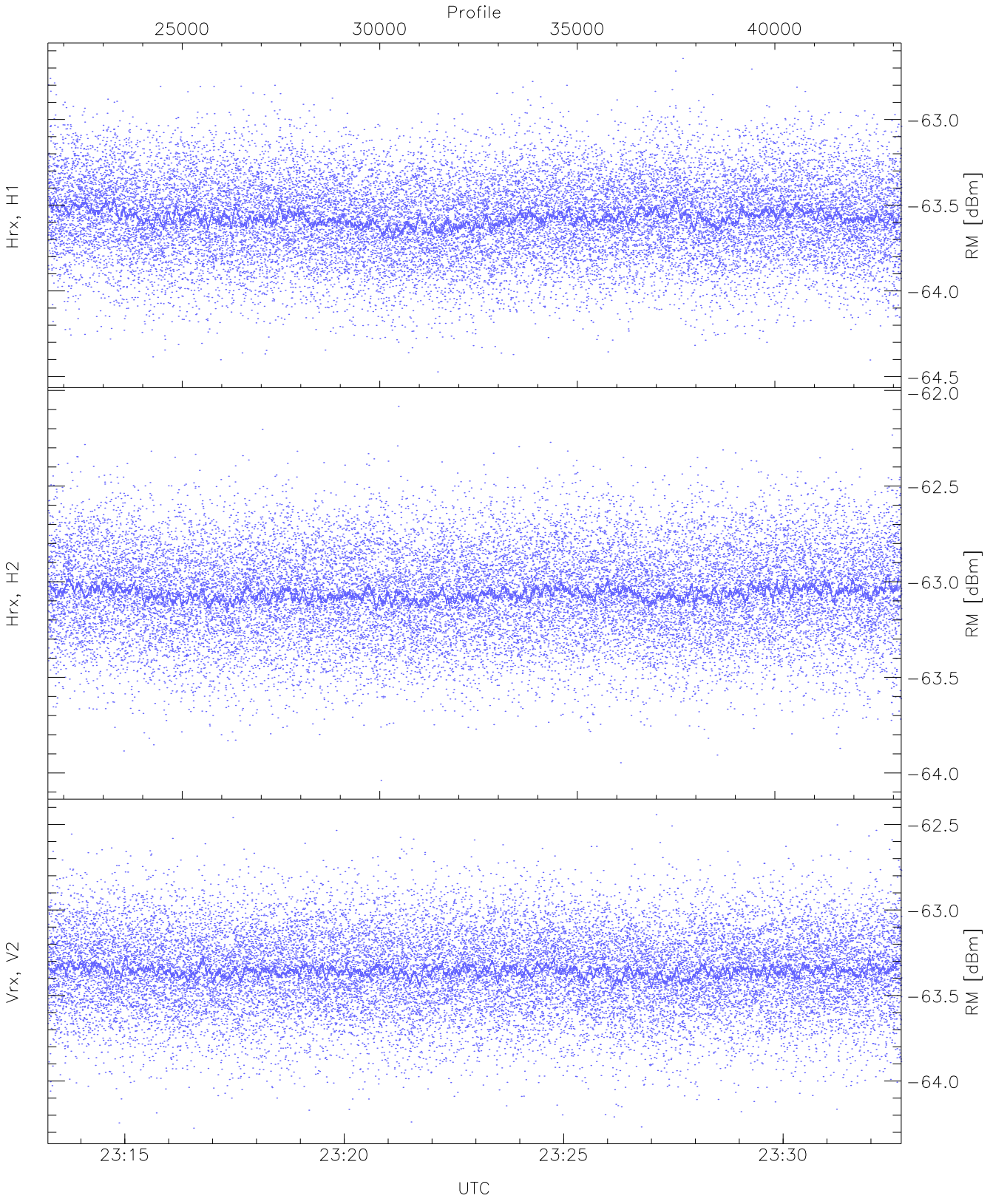
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.90	-62.09	-62.95	-62.95	-75.64
Hrx, H2(WL [dBm])	-64.03	-62.01	-62.94	-62.94	-75.67
Vrx, V2(WL [dBm])	-64.28	-62.29	-63.18	-63.18	-75.90



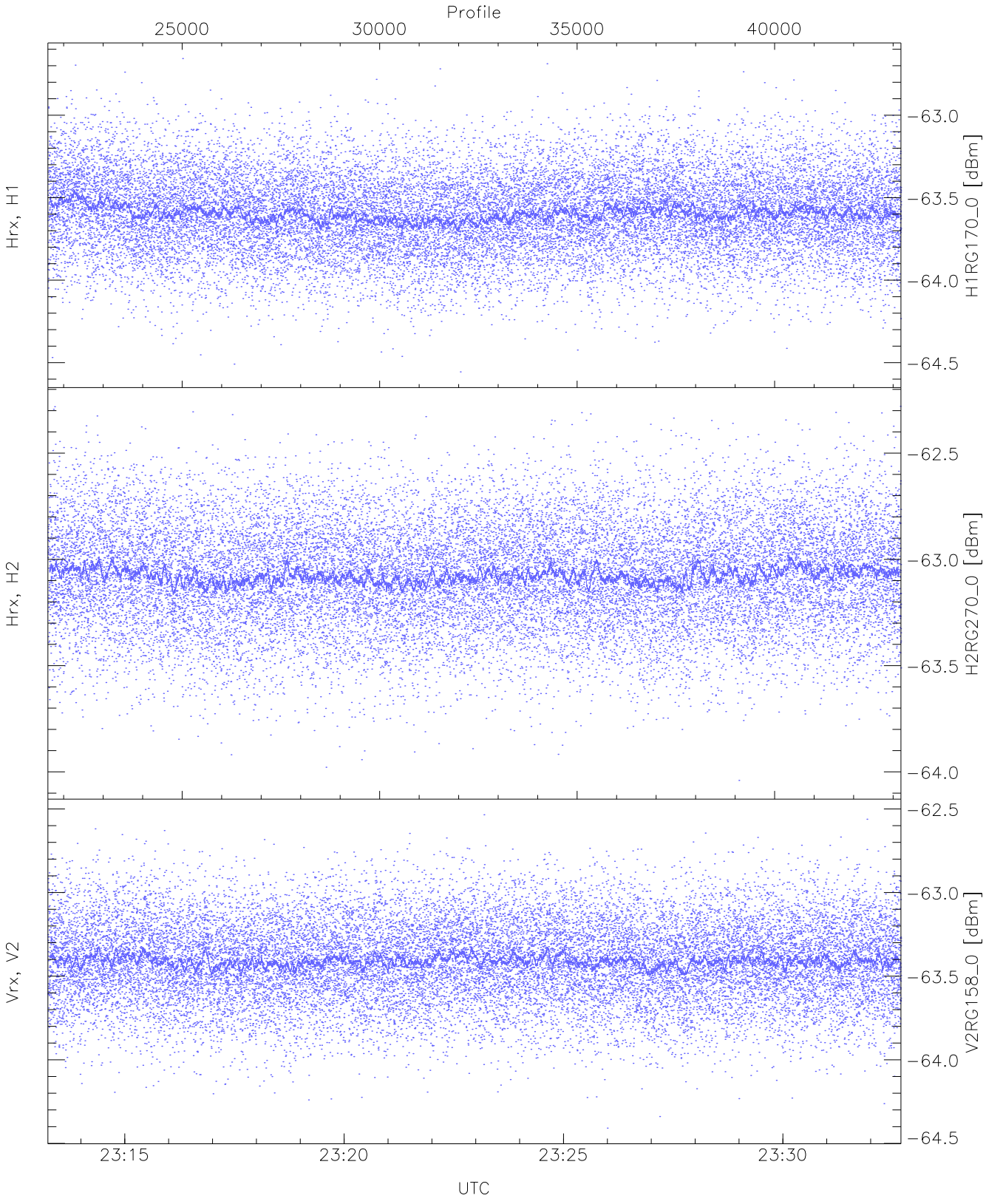
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-63.75	-61.81	-62.73	-62.73	-75.44
Hrx, H2(HL [dBm])	-63.68	-61.89	-62.73	-62.73	-75.44
Vrx, V2(HL [dBm])	-63.93	-61.97	-62.98	-62.98	-75.70



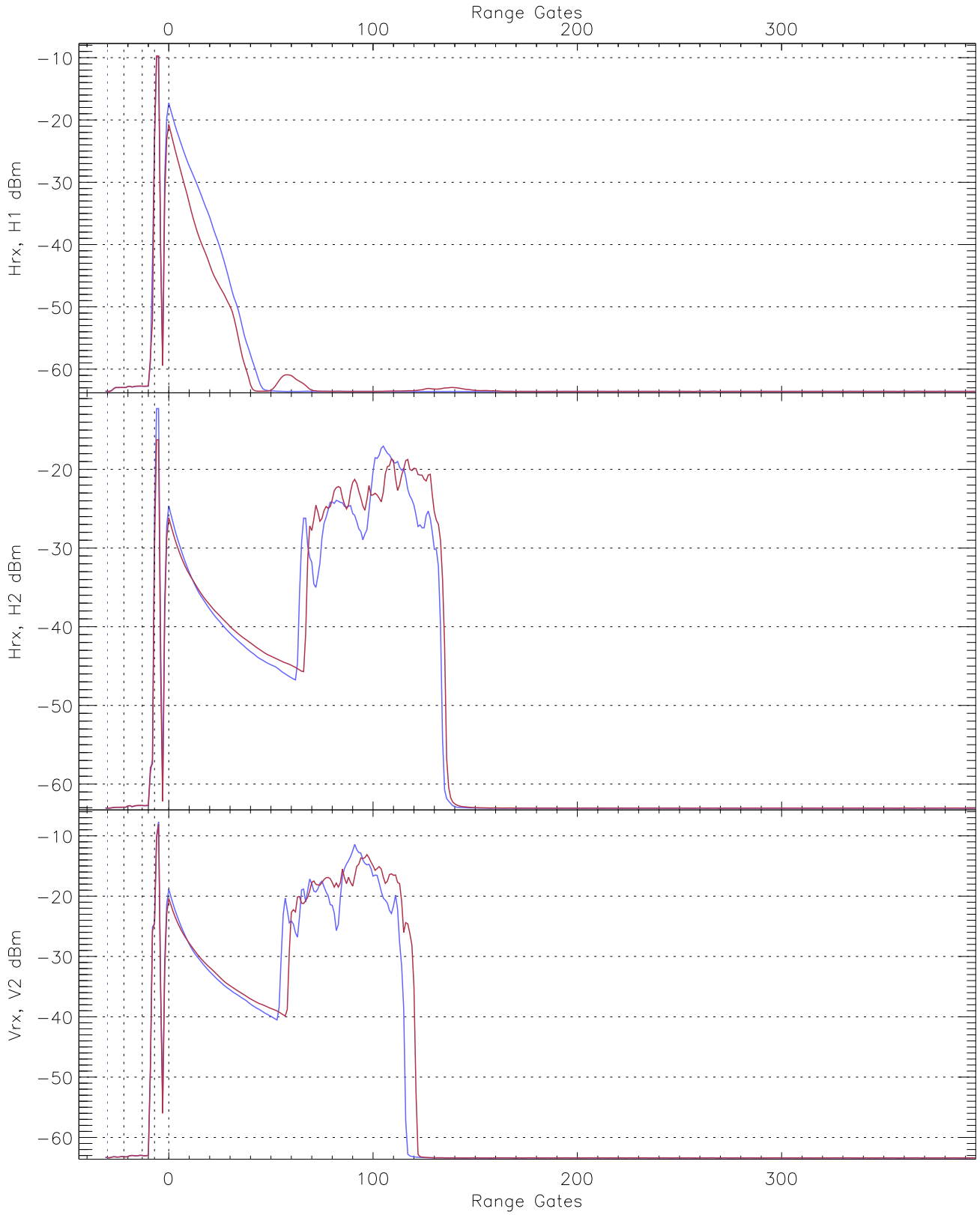
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-64.47	-62.64	-63.57	-63.57	-76.25
Hrx, H2(RM [dBm])	-64.04	-62.08	-63.06	-63.06	-75.75
Vrx, V2(RM [dBm])	-64.28	-62.44	-63.35	-63.36	-76.04

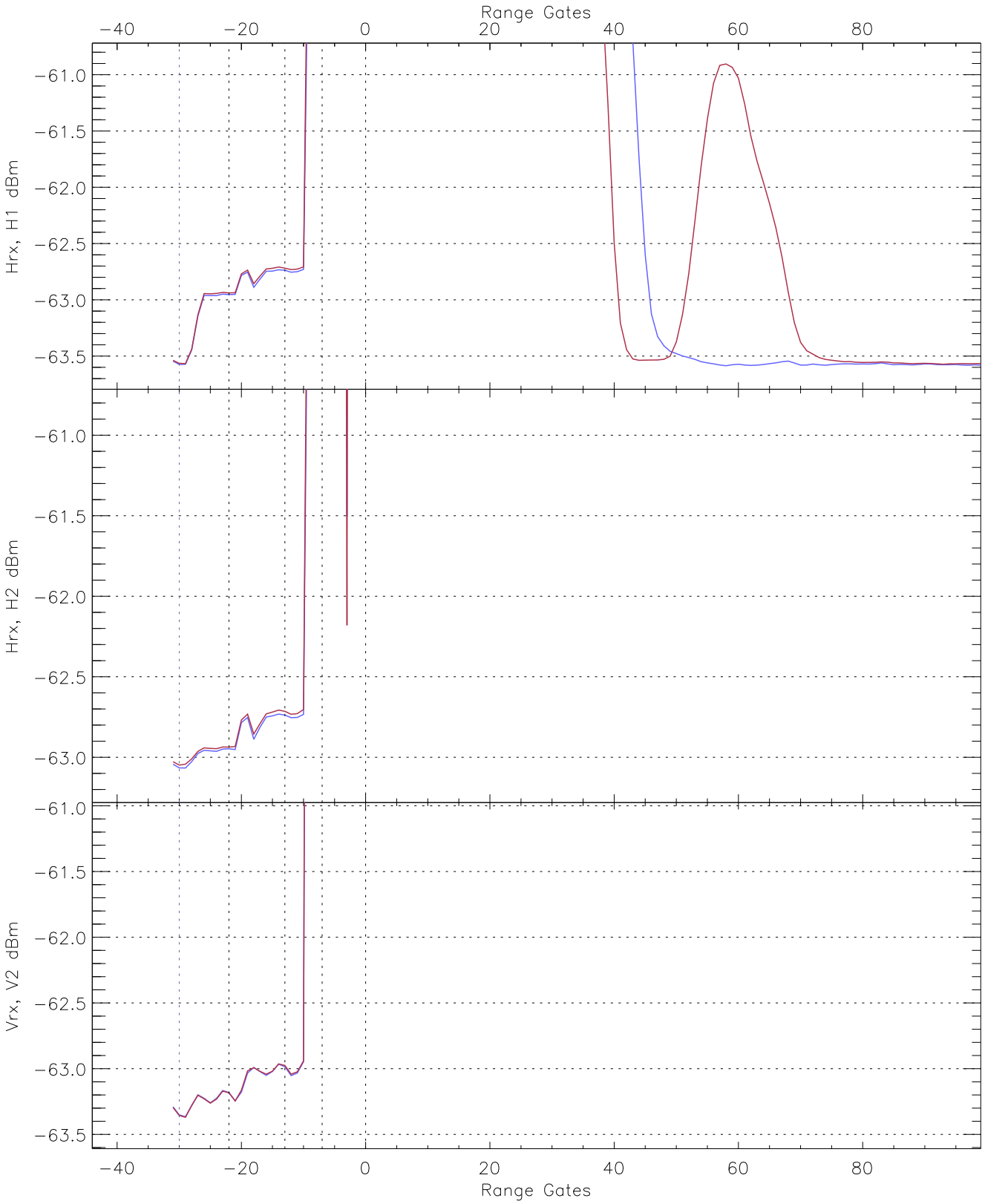


WCR2 CPP "Best" estimate Receivers Noise Power

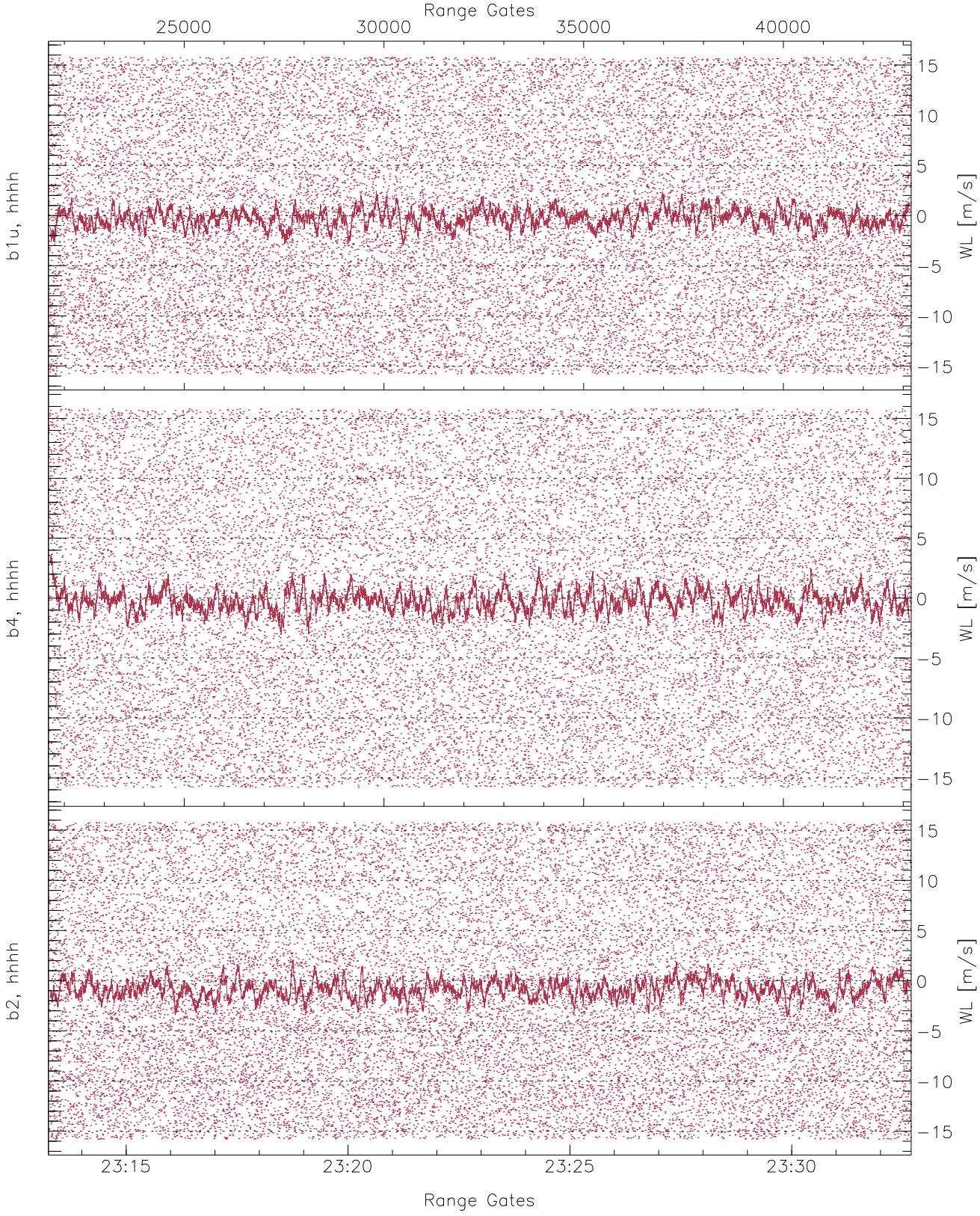
	Min	Max	Mean	Median	StDev
H1RG170_0 [dBm]	-64.56	-62.66	-63.59	-63.60	-76.26
H2RG270_0 [dBm]	-64.04	-62.28	-63.07	-63.08	-75.77
V2RG158_0 [dBm]	-64.41	-62.53	-63.41	-63.41	-76.07



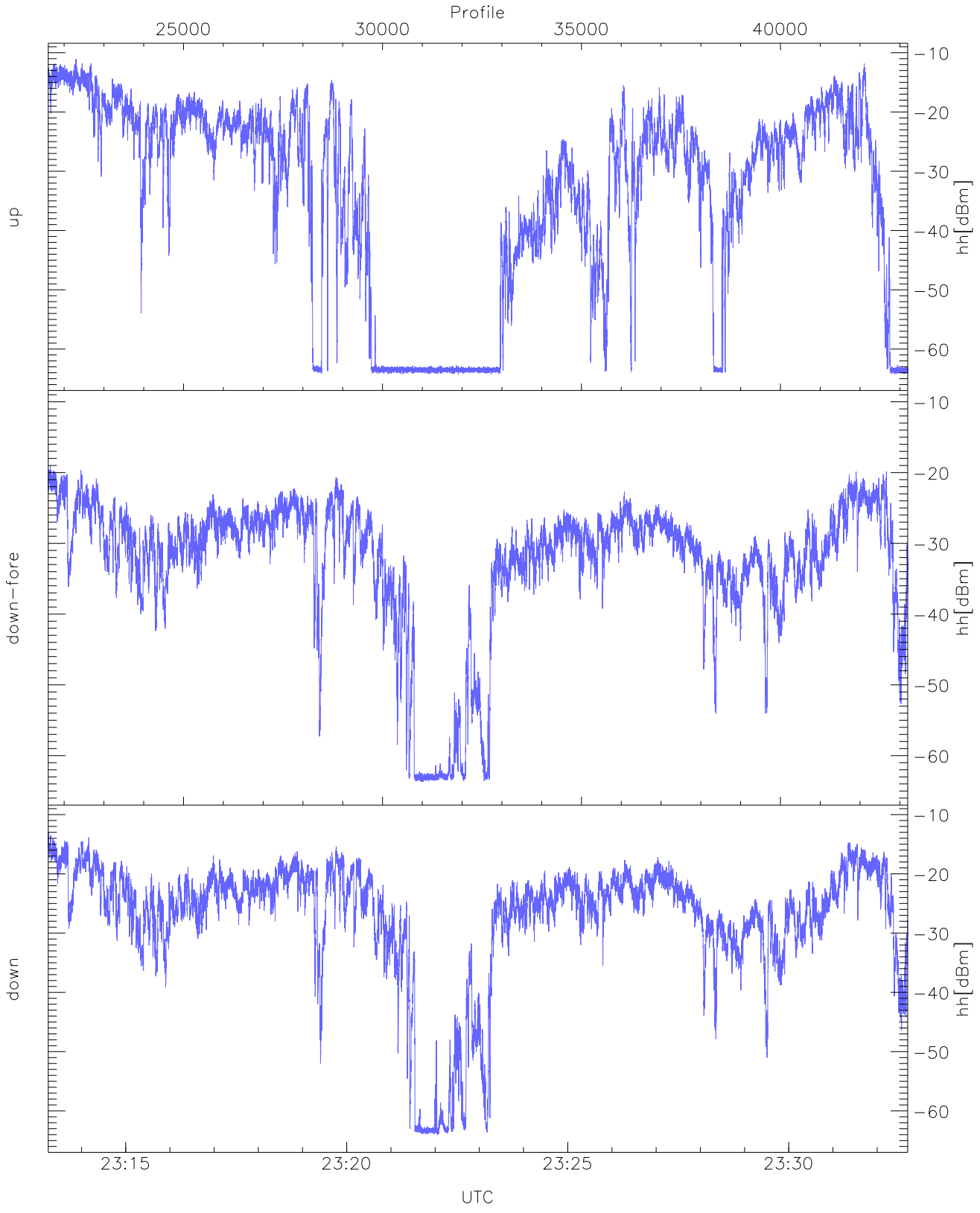
WCR2 CPP Averaged Received power for all recorded gates
blue: 231315-232258, 10801 profiles averaged
red: 232258-233241, 10800 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 231315-232258, 10801 profiles averaged
red: 232258-233241, 10800 profiles averaged

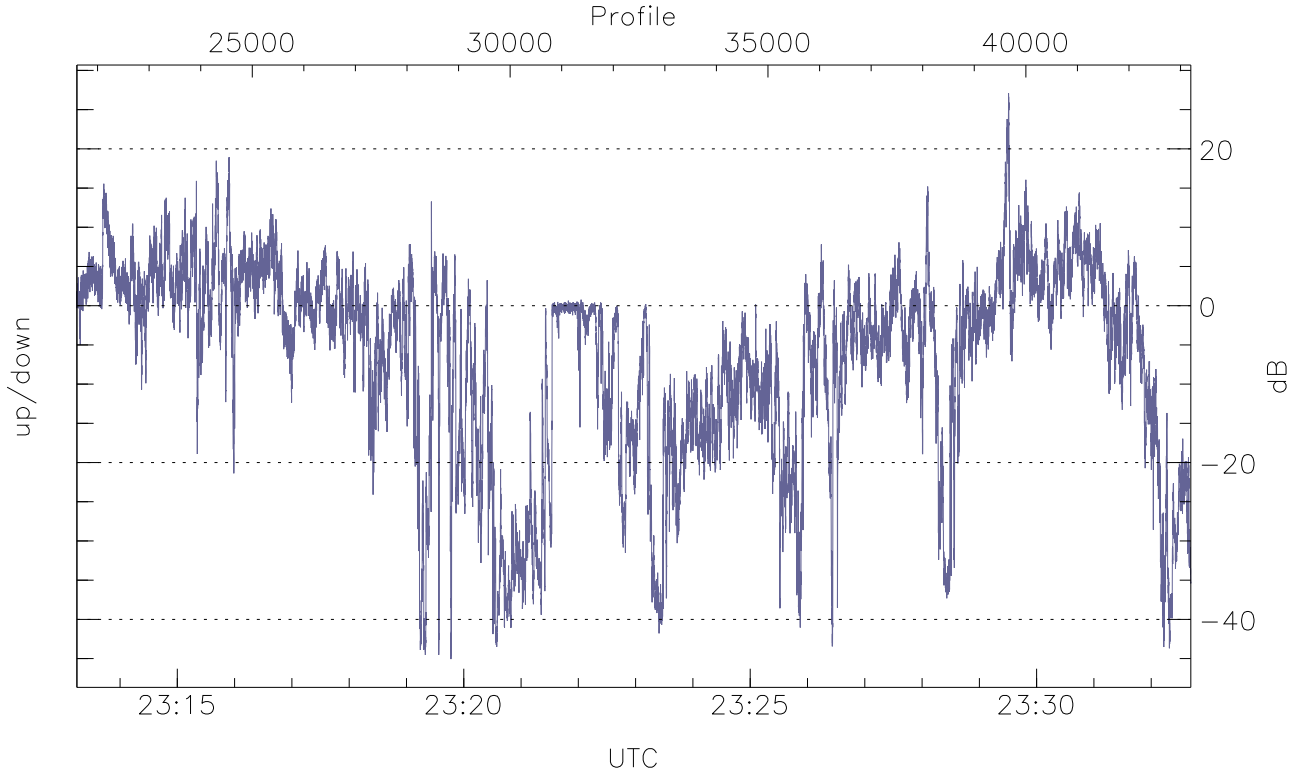


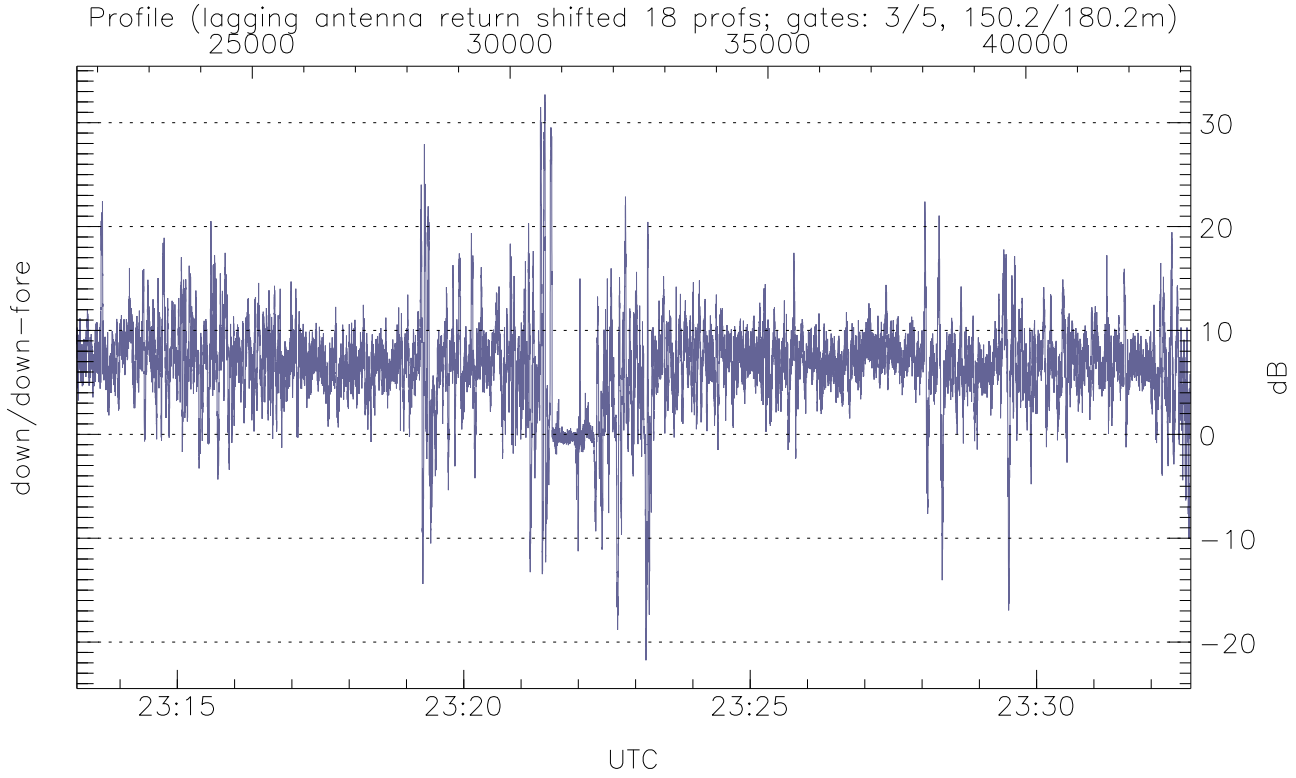
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

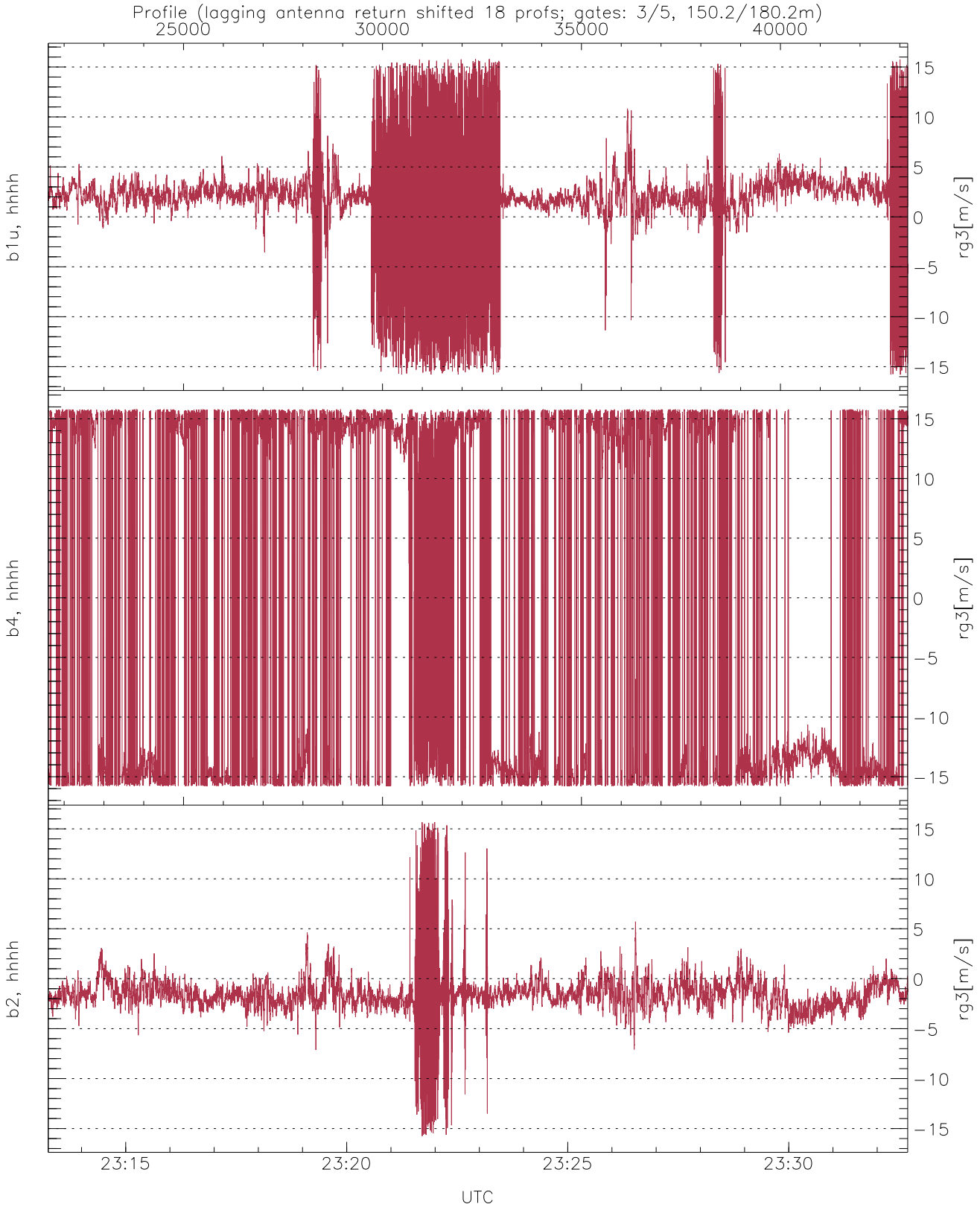
	Min	Max	Mean
up(hh[dBm])	-64.32	-11.06	-22.31
down-fore(hh[dBm])	-63.71	-19.07	-28.24
down(hh[dBm])	-64.02	-12.89	-22.76





WCR2 Beam pairs Received Power Ratio(s); RangeGate: 3 (150 m)

	Min	Max	Mean
up/down(dB)	-45.06	27.08	-6.71
down/down-fore(dB)	-21.75	32.71	6.45



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.80	15.79	1.81	3.81
b4, hhhh(rg3[m/s])	-15.80	15.80	0.15	14.51
b2, hhhh(rg3[m/s])	-15.76	15.68	-1.55	1.91