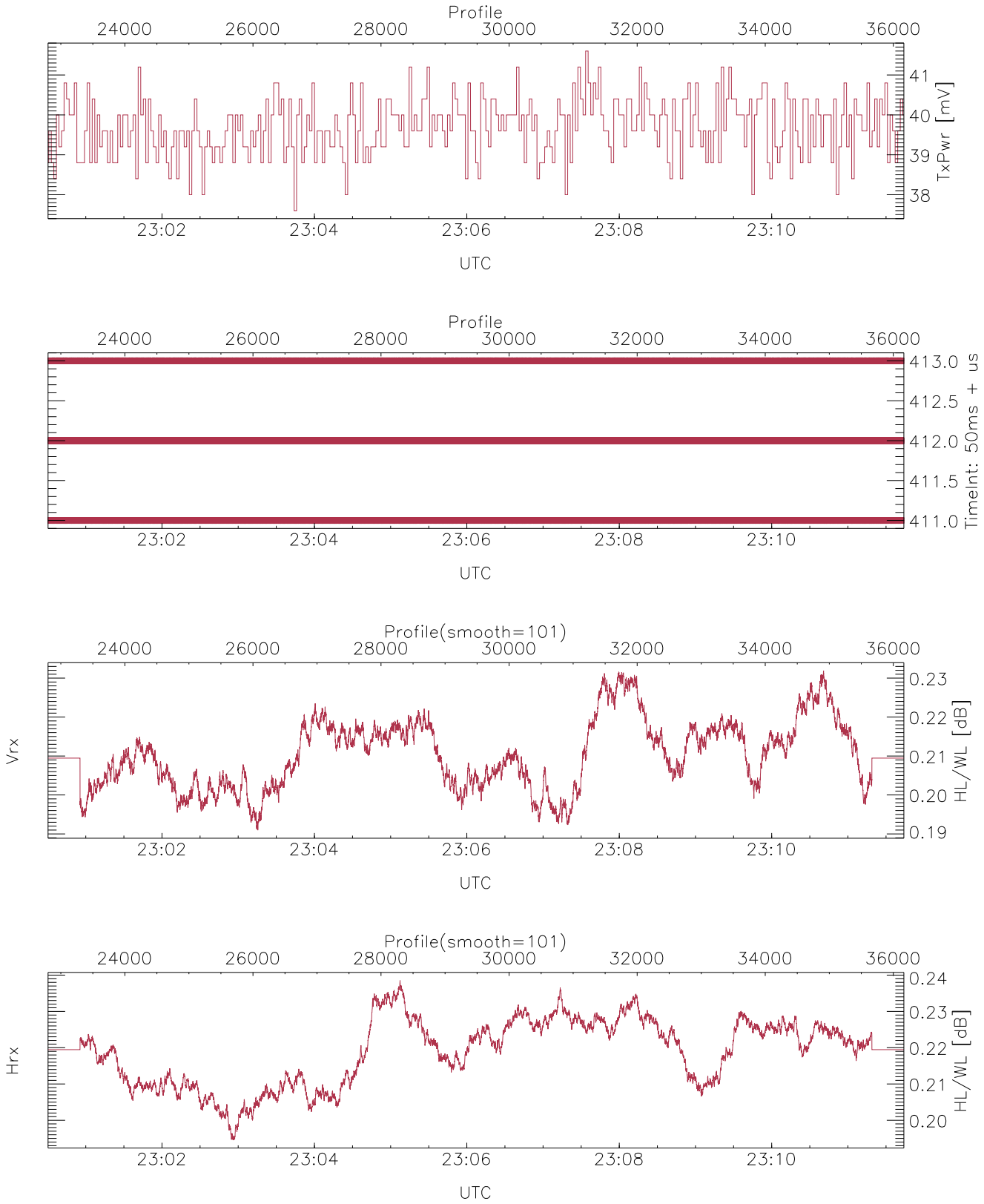
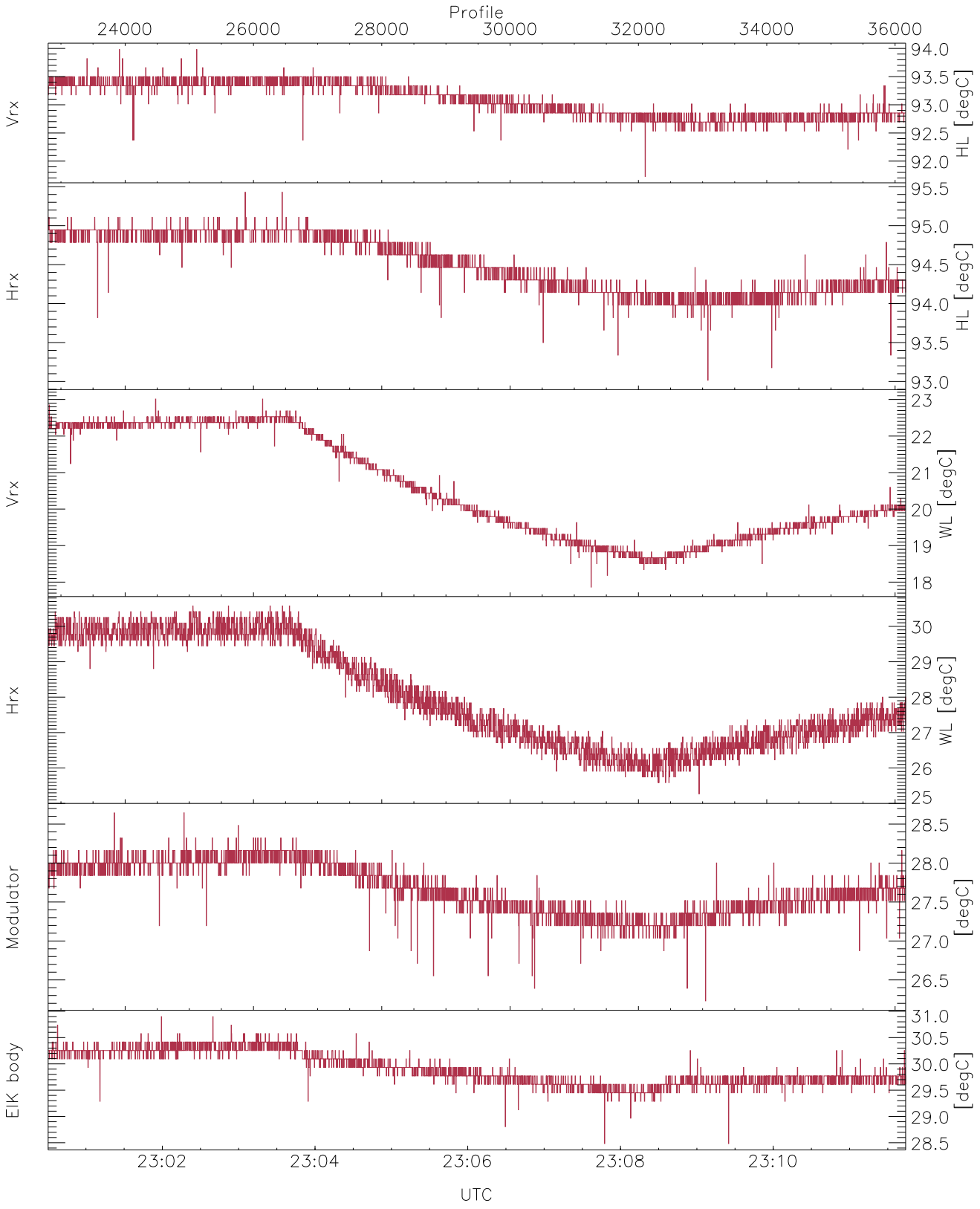


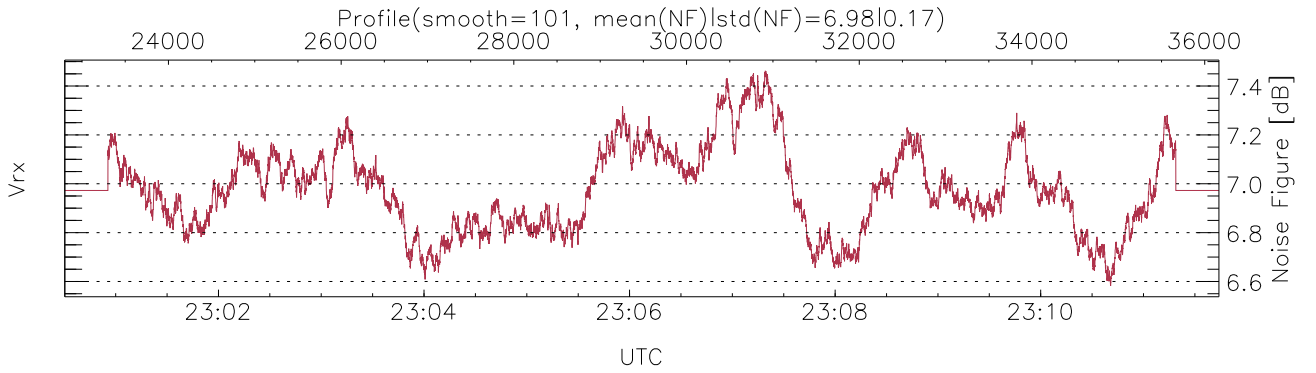
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

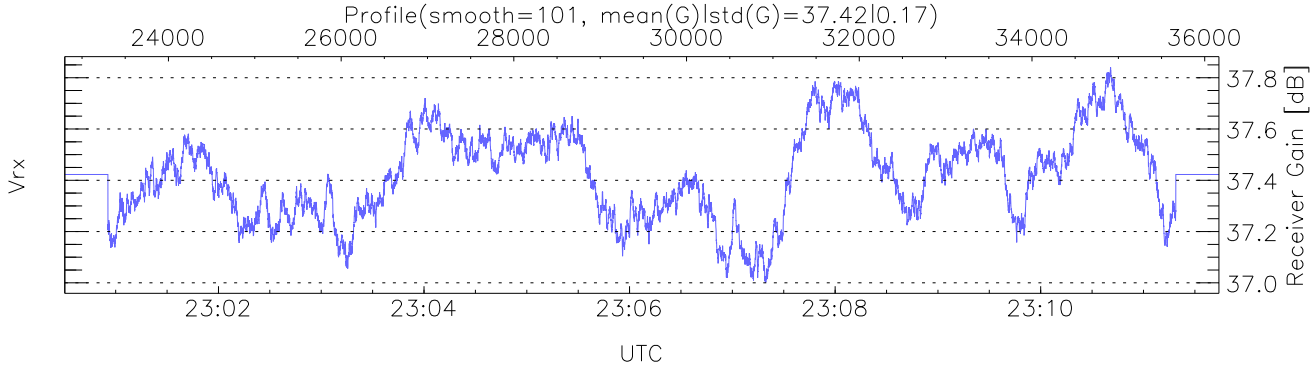
UTC: 22:41:21-23:11:44, Dur: 1823.17s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
NumRec(r/t): 13366/36166, 22800-36165/23:00:30-23:11:44
AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
PRF: 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us
Range(min,max,rgs): 105,5271,15.0 m, Gates: 345, Aspect: 3.3
Mirror(-9|0|1|2,3,9x = no mirror|sideluplerror): 1

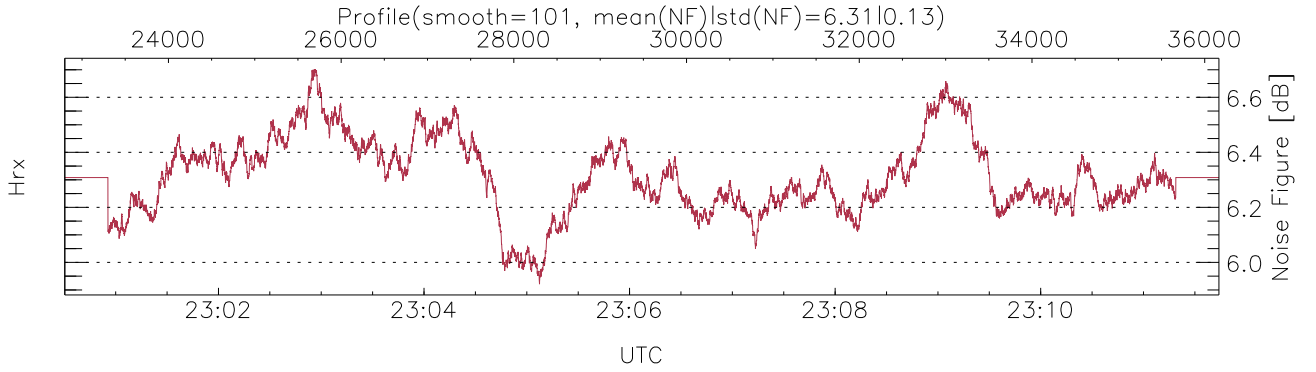


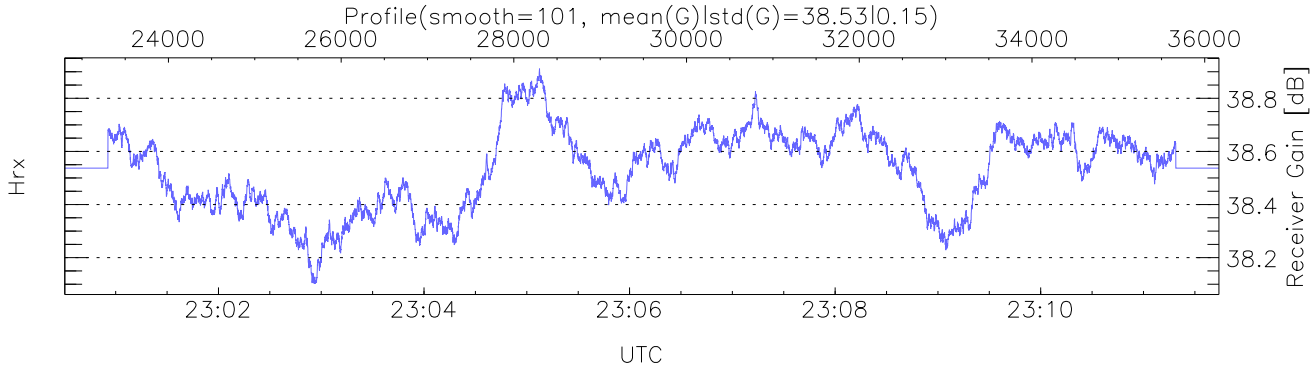
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,17,25,26,28
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,23,30,28,30
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (6,6,6,6,6,10)



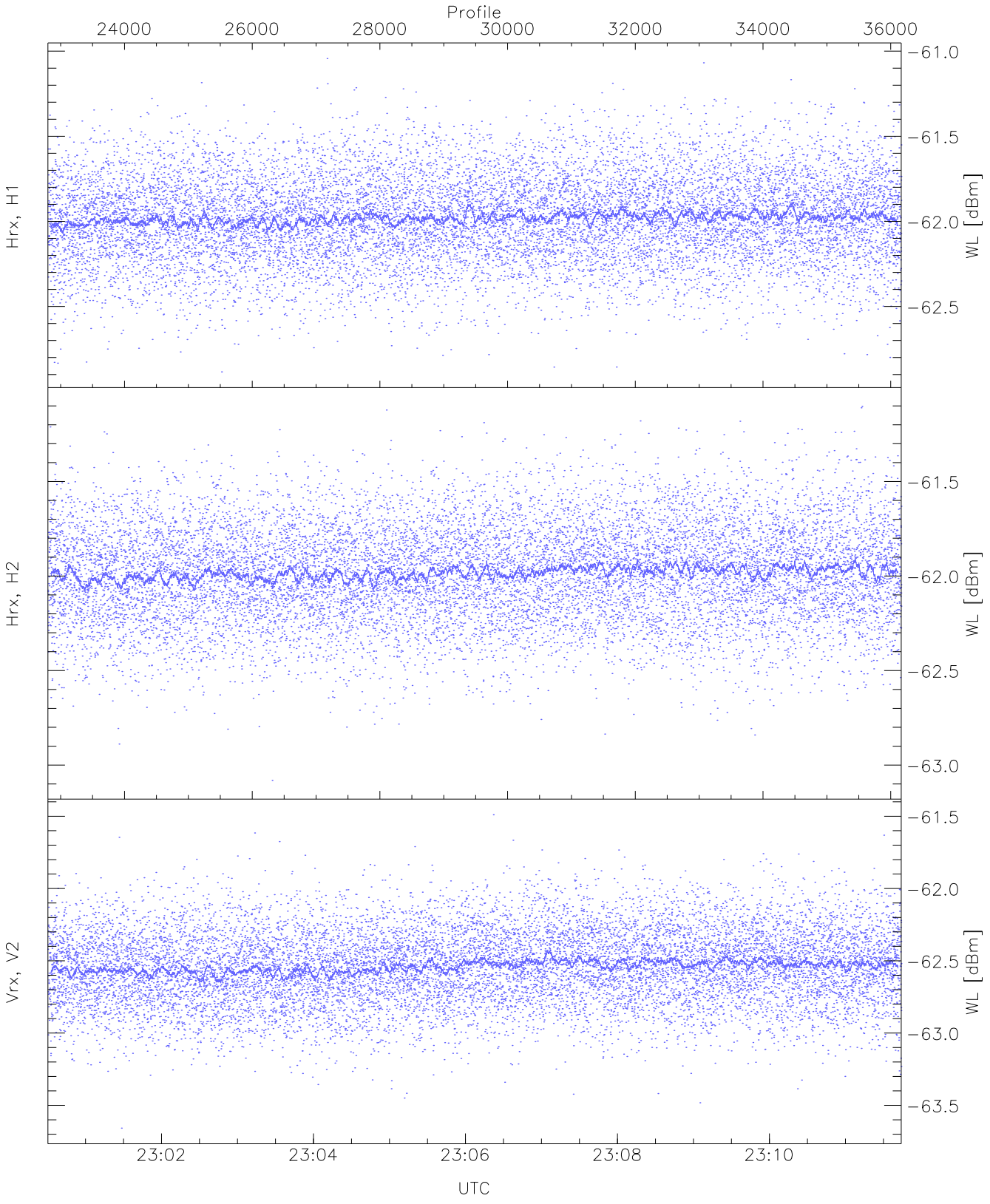






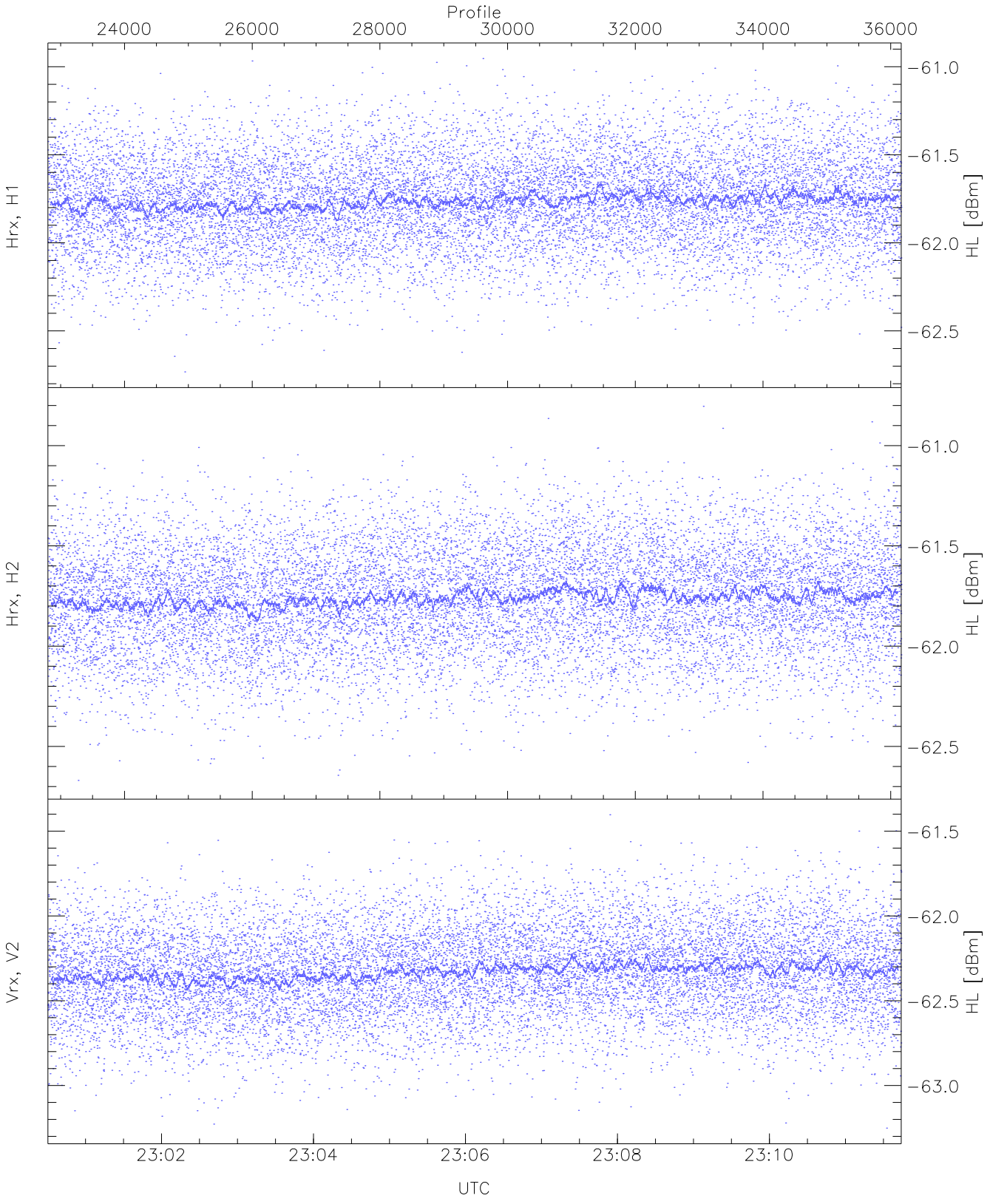
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 111 pixs, 2 gates, 111 profs, 1 prods



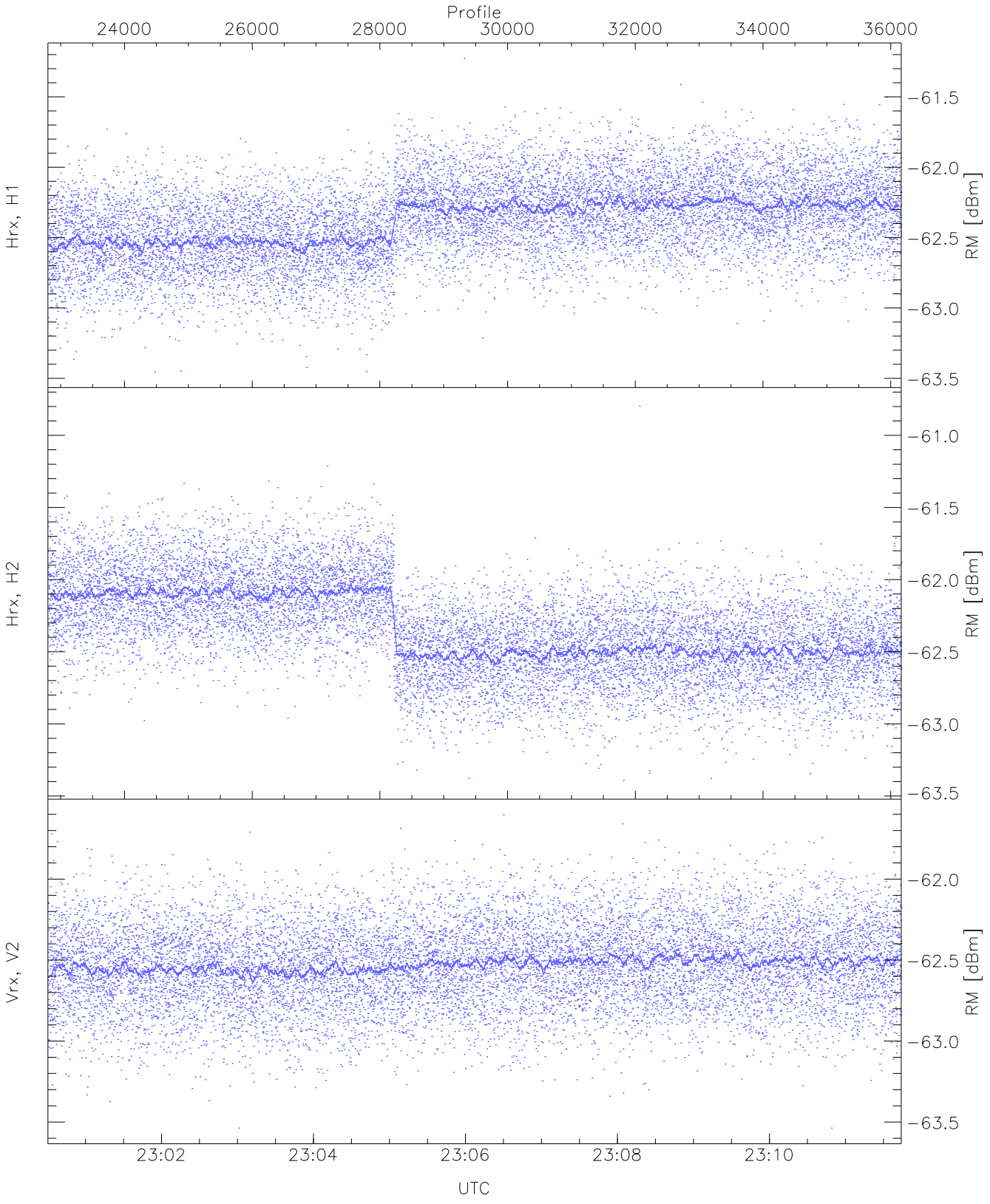
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.88	-61.04	-61.98	-61.98	-74.51
Hrx, H2(WL [dBm])	-63.08	-61.10	-61.98	-61.98	-74.49
Vrx, V2(WL [dBm])	-63.66	-61.49	-62.54	-62.54	-75.01



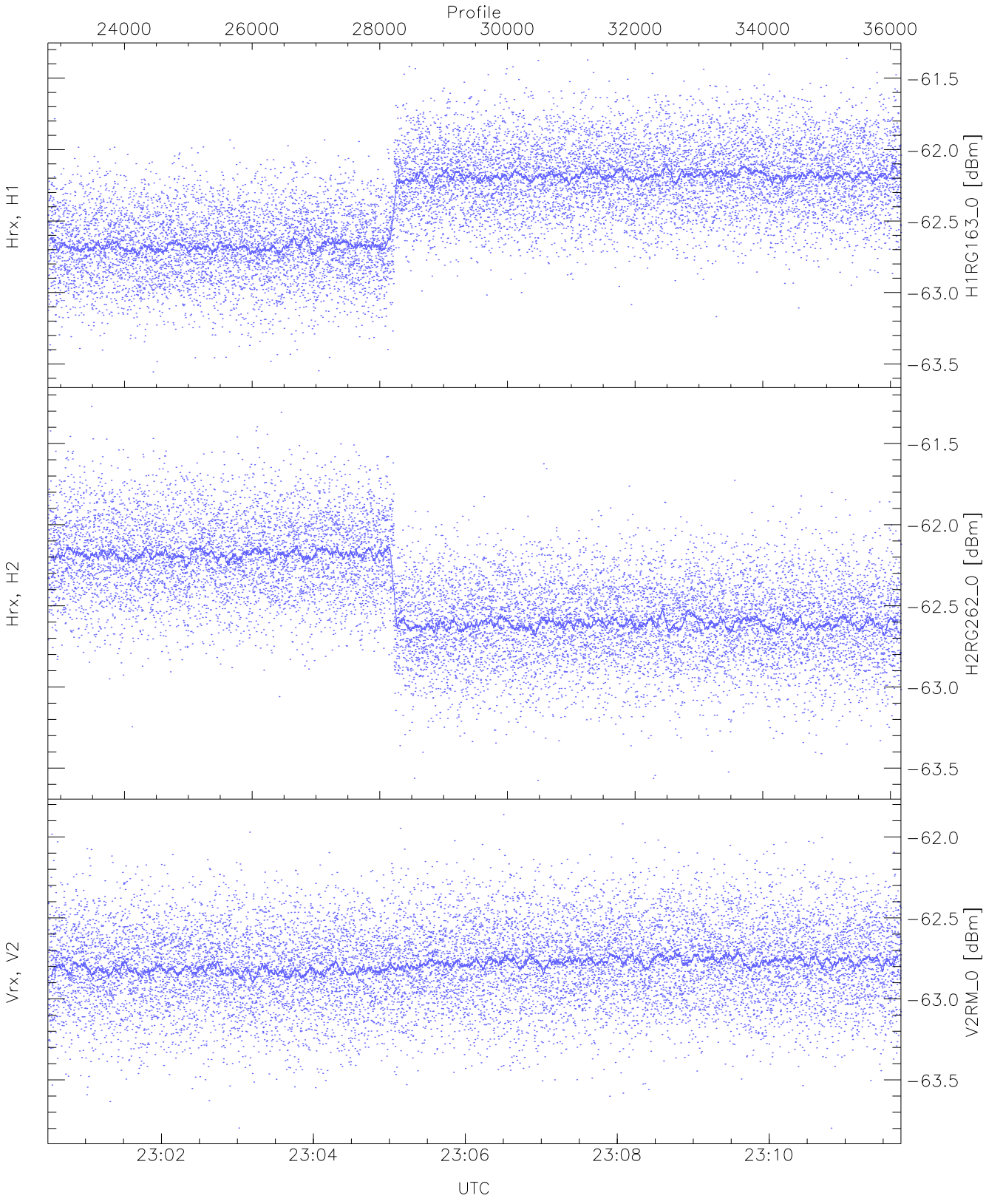
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.73	-60.95	-61.76	-61.76	-74.33
Hrx, H2(HL [dBm])	-62.67	-60.80	-61.76	-61.76	-74.31
Vrx, V2(HL [dBm])	-63.25	-61.40	-62.33	-62.33	-74.86



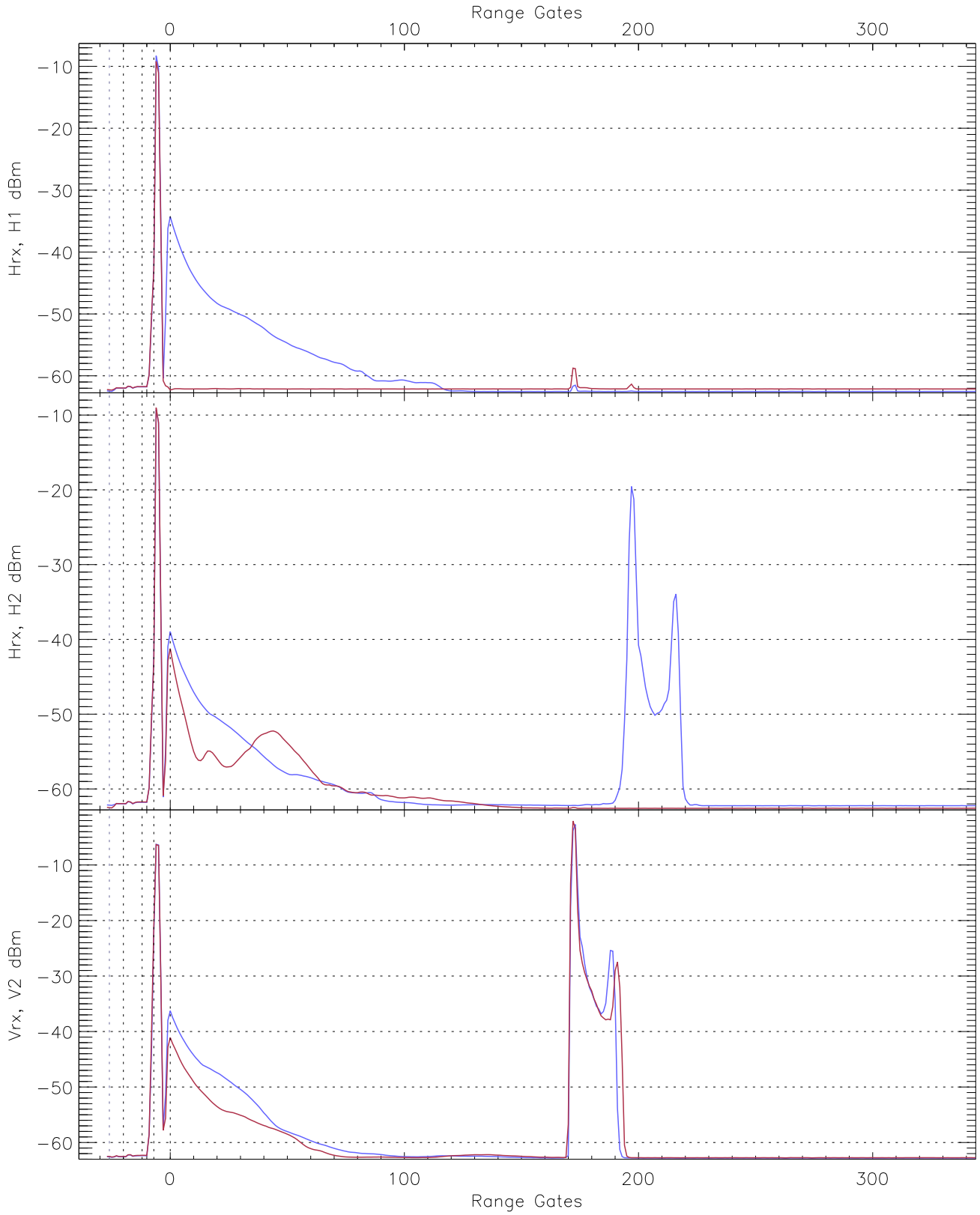
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.45	-61.23	-62.37	-62.37	-74.39
Hrx, H2(RM [dBm])	-63.39	-60.80	-62.33	-62.35	-73.69
Vrx, V2(RM [dBm])	-63.54	-61.60	-62.52	-62.53	-75.03

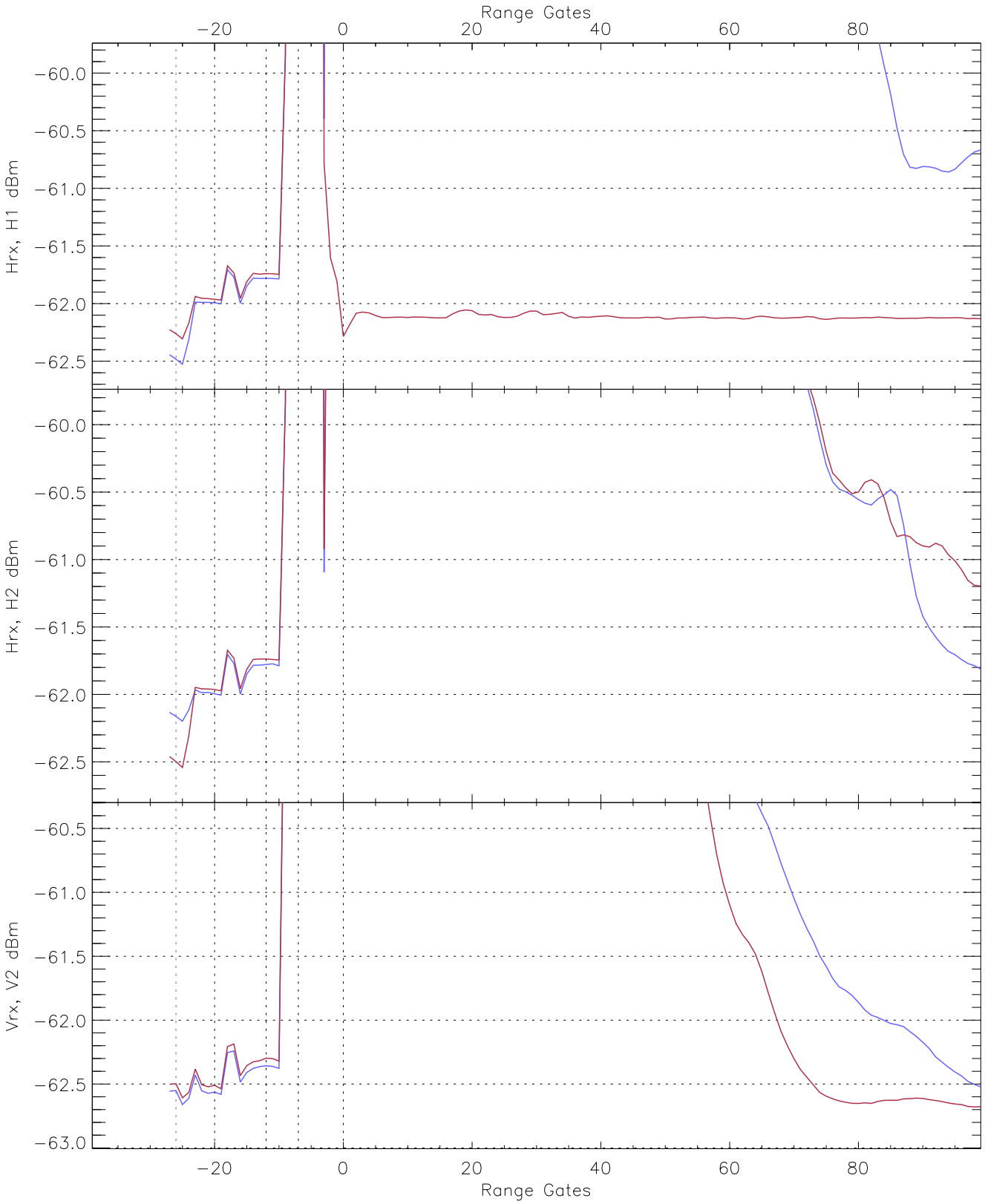


WCR2 CPP "Best" estimate Receivers Noise Power

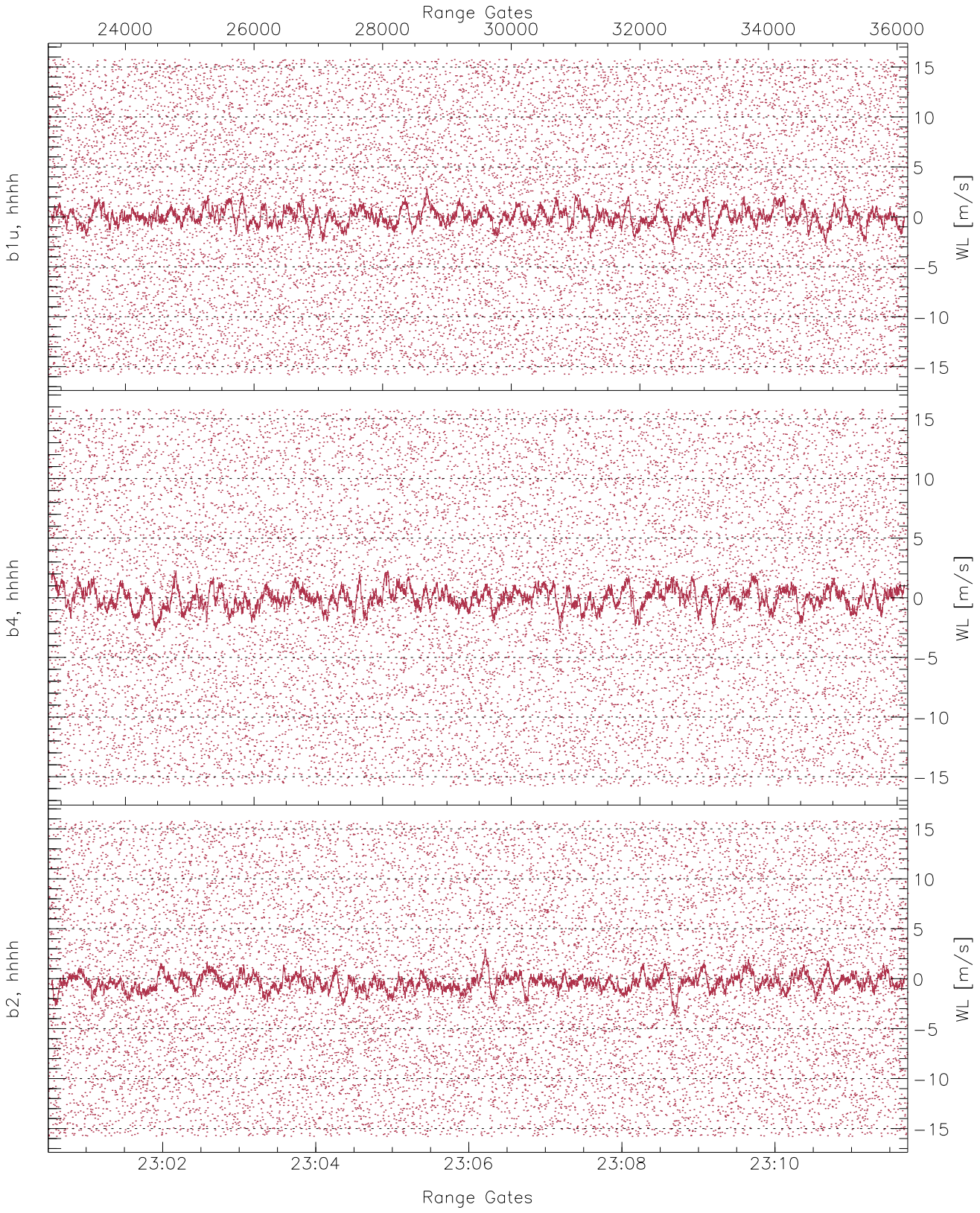
	Min	Max	Mean	Median	StDev
H1RG163_0 [dBm]	-63.56	-61.36	-62.37	-62.37	-73.40
H2RG262_0 [dBm]	-63.58	-61.27	-62.43	-62.45	-73.73
V2RM_0 [dBm]	-63.80	-61.86	-62.78	-62.79	-75.29



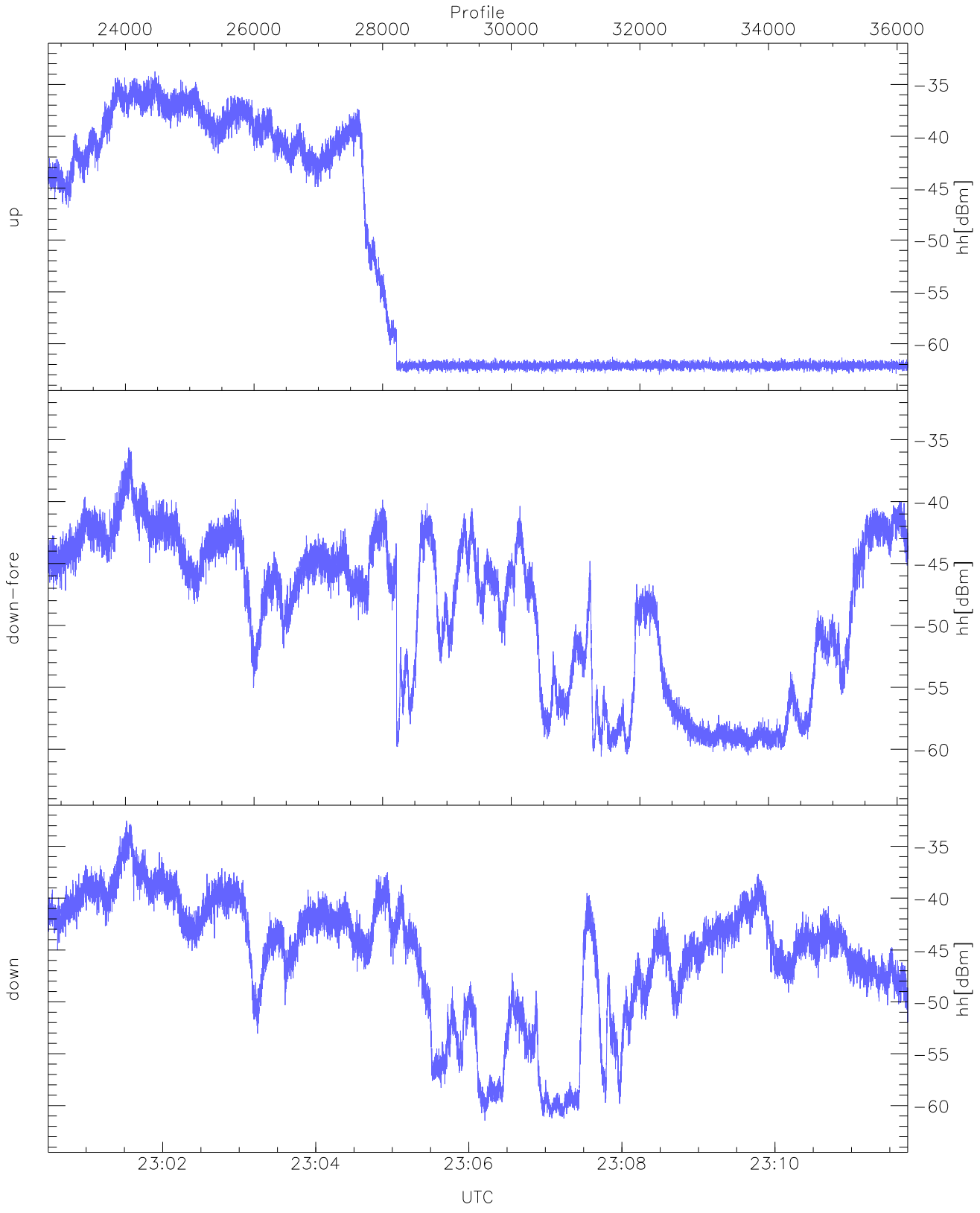
WCR2 CPP Averaged Received power for all recorded gates
blue: 230030-230607, 6684 profiles averaged
red: 230607-231144, 6683 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 230030-230607, 6684 profiles averaged
red: 230607-231144, 6683 profiles averaged

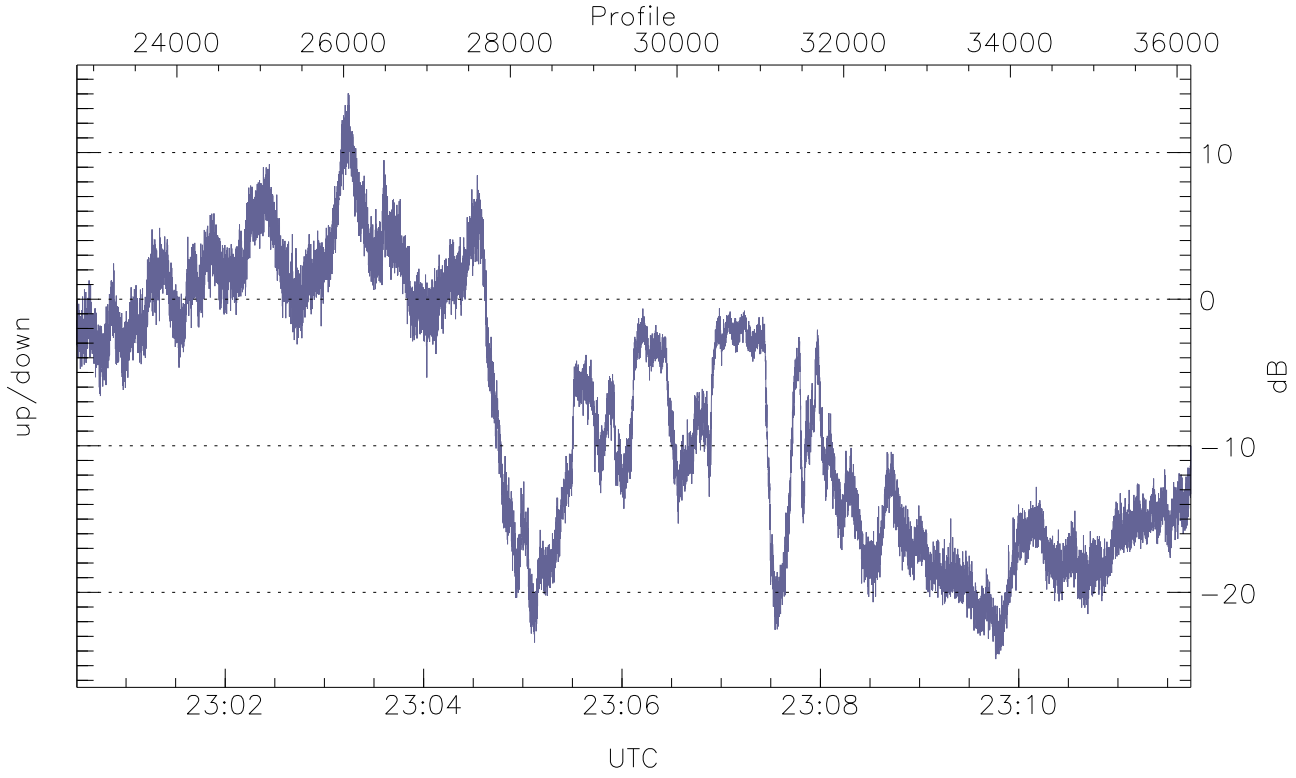


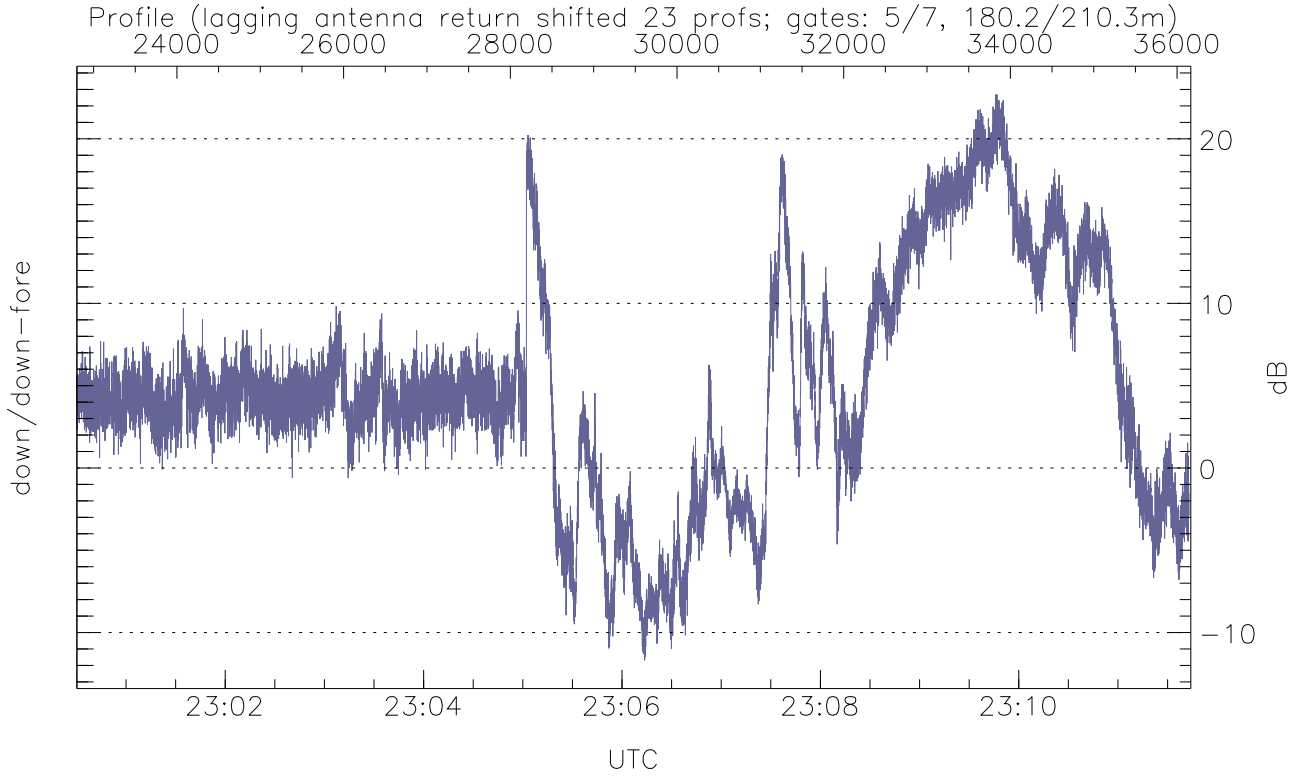
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

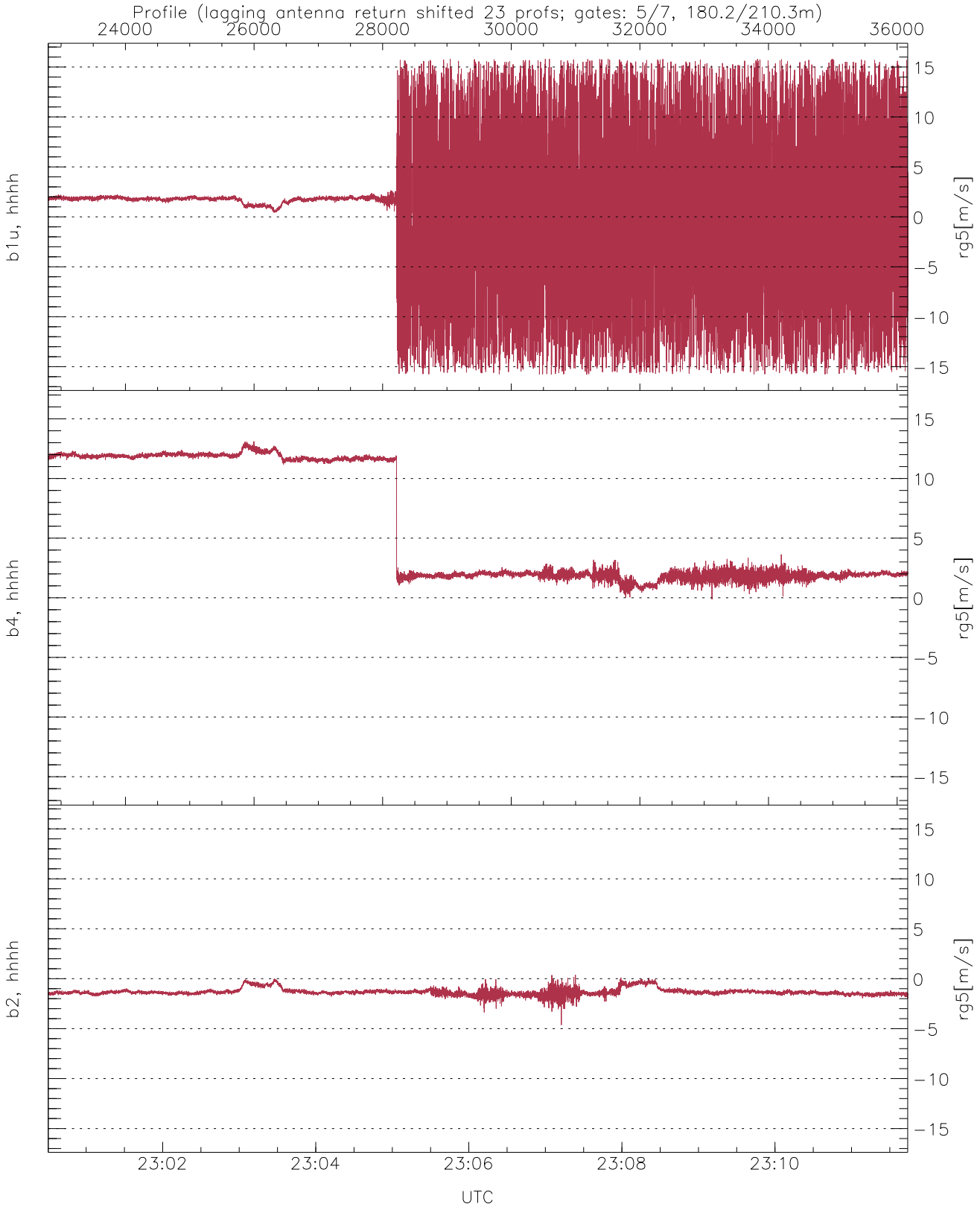
	Min	Max	Mean
up(hh[dBm])	-62.99	-33.74	-42.95
down-fore(hh[dBm])	-60.59	-35.63	-45.57
down(hh[dBm])	-61.45	-32.55	-42.79





WCR2 Beam pairs Received Power Ratio(s); RangeGate: 5 (180 m)

	Min	Max	Mean
up/down(dB)	-24.55	14.04	-7.70
down/down-fore(dB)	-11.69	22.69	5.04



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.80	0.52	7.06
b4, hhhh(rg5[m/s])	-0.12	13.11	5.90	4.95
b2, hhhh(rg5[m/s])	-4.64	0.39	-1.33	0.34