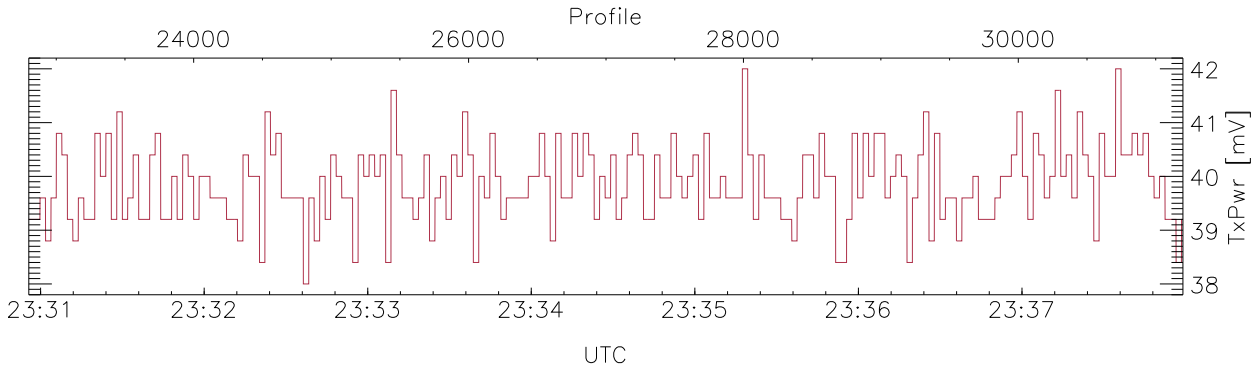
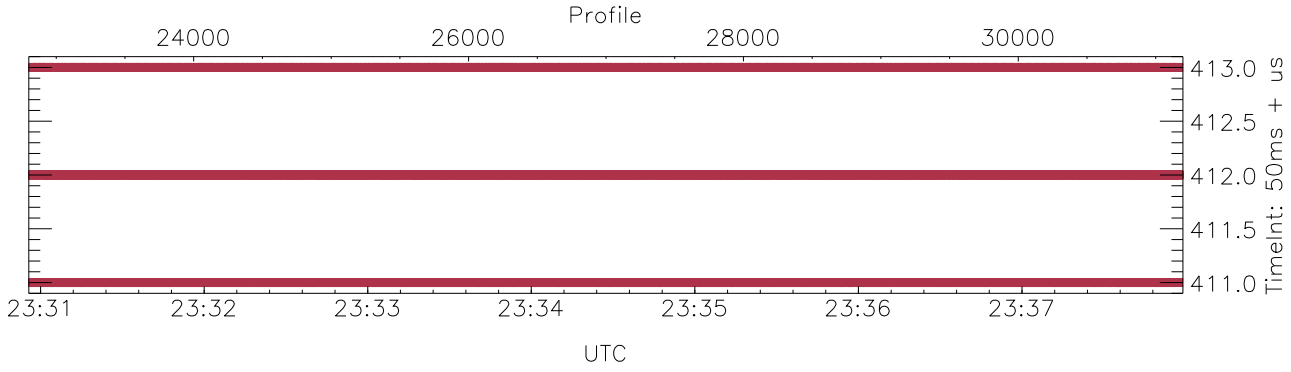
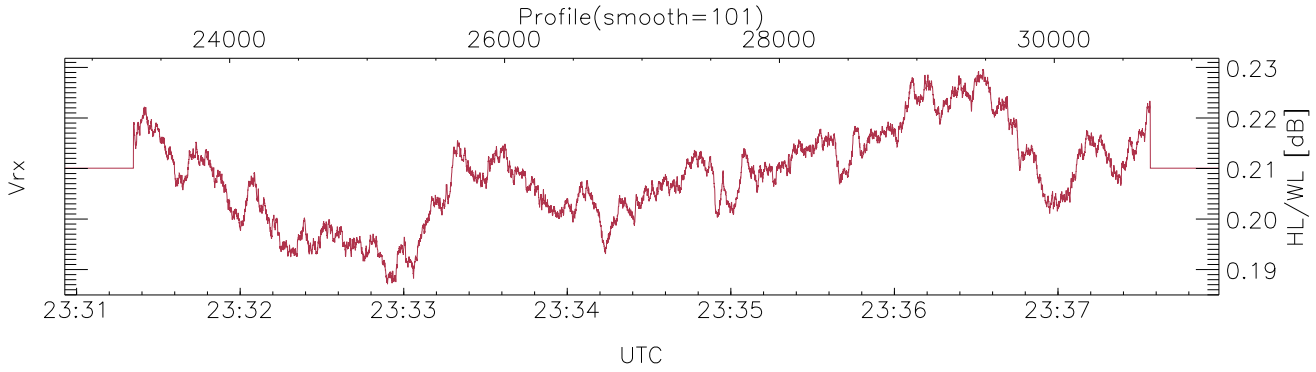
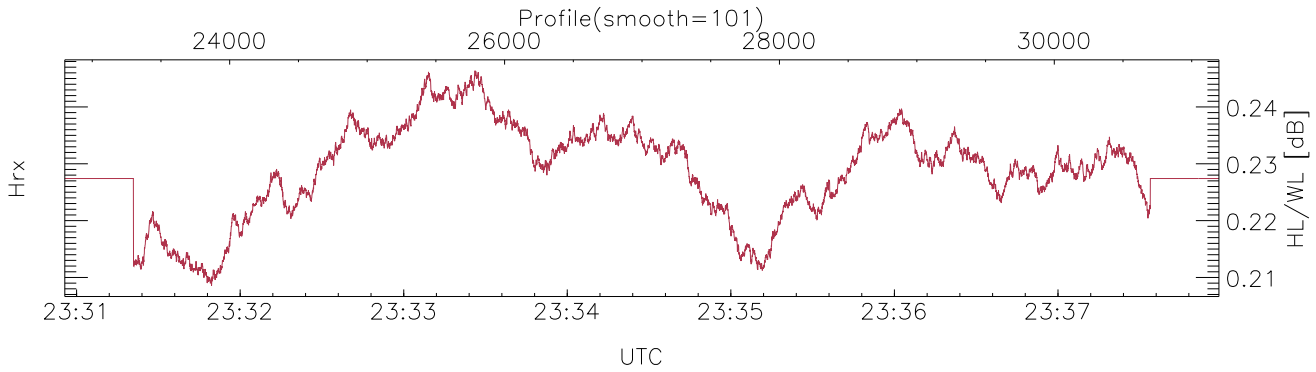


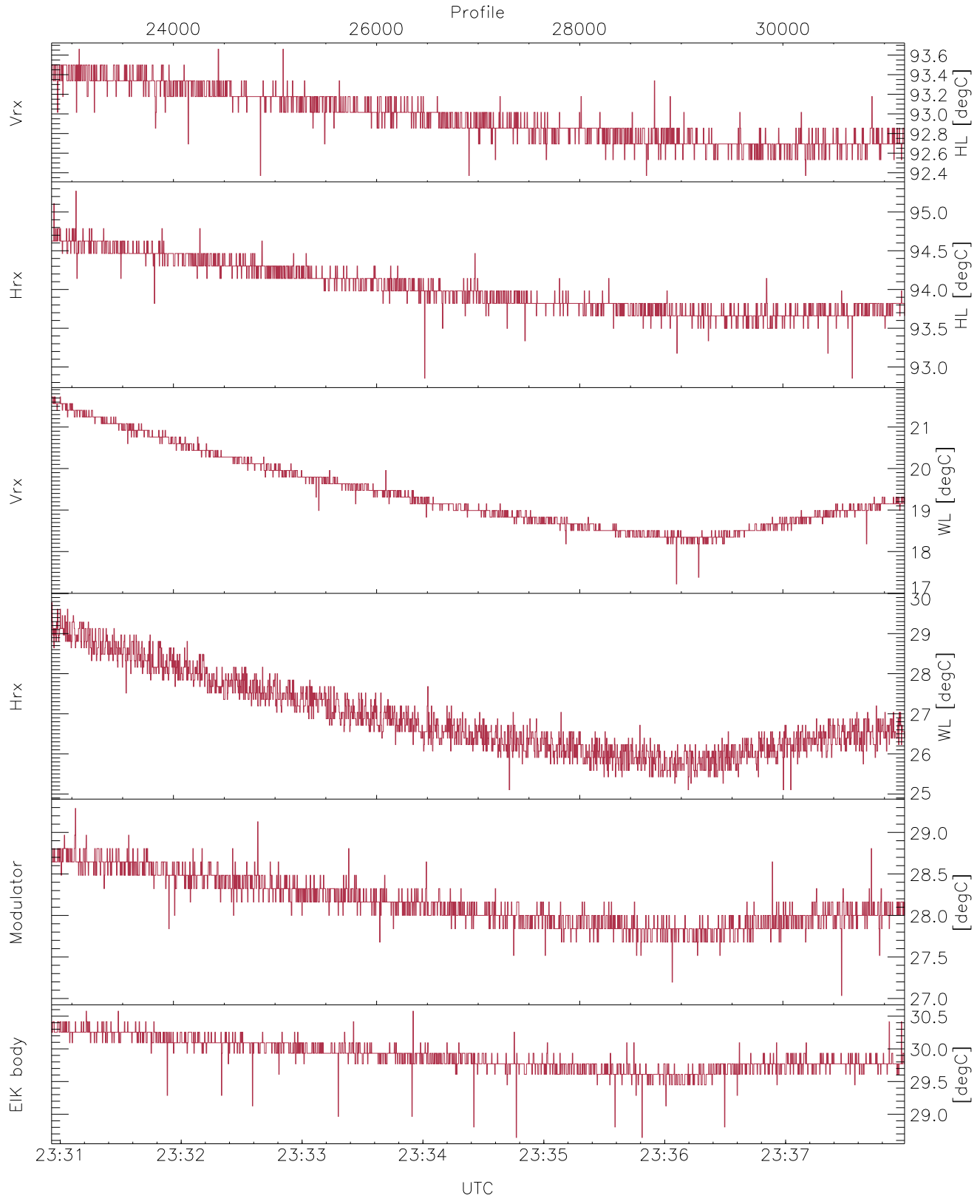






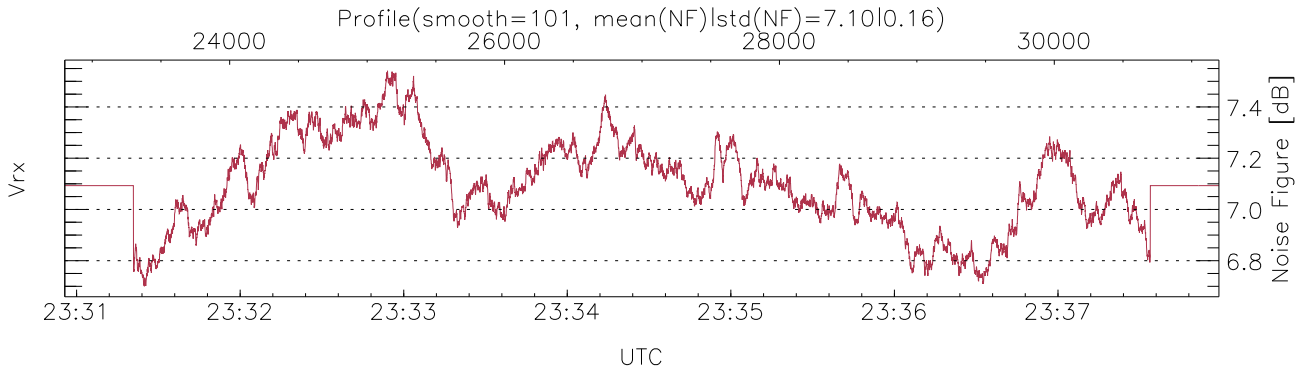
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

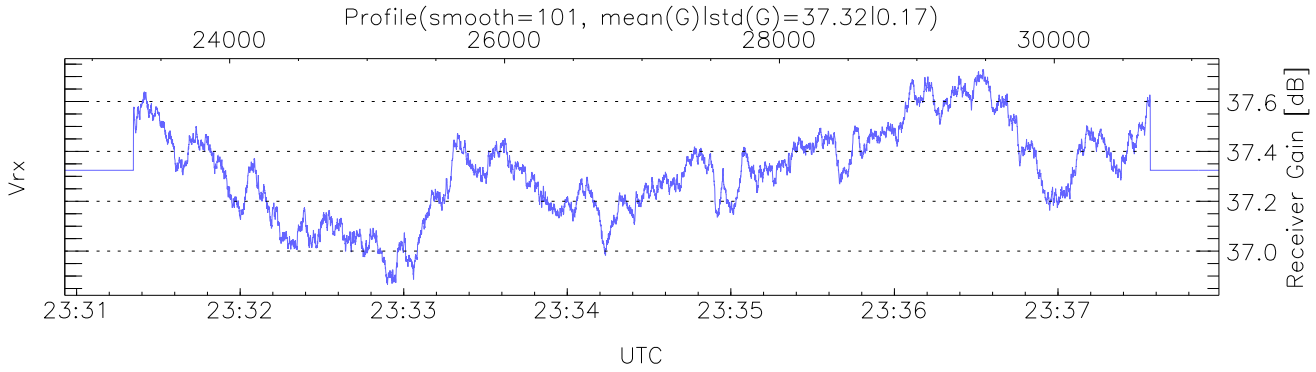
UTC: 23:11:46-23:37:59, Dur: 1572.77s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
NumRec(r/t): 8399/31199, 22800-31198/23:30:56-23:37:59
AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
PRF: 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

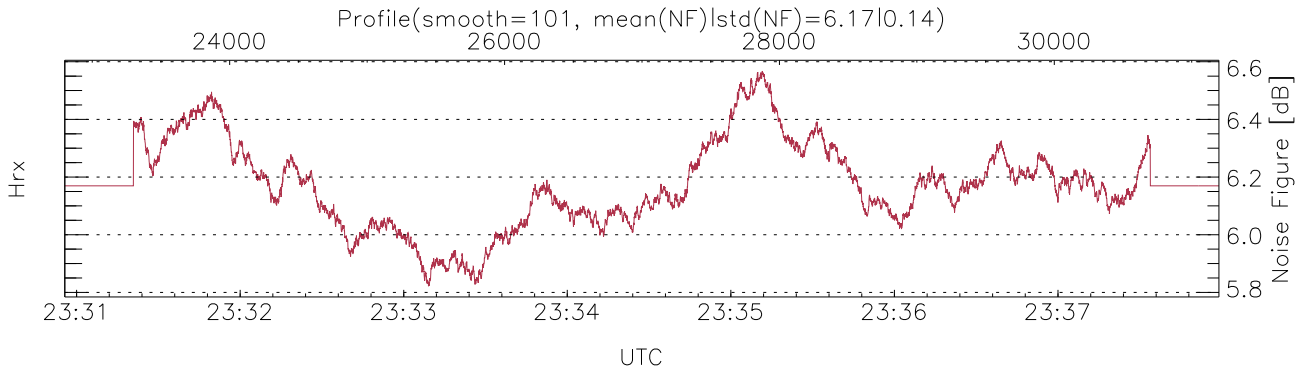


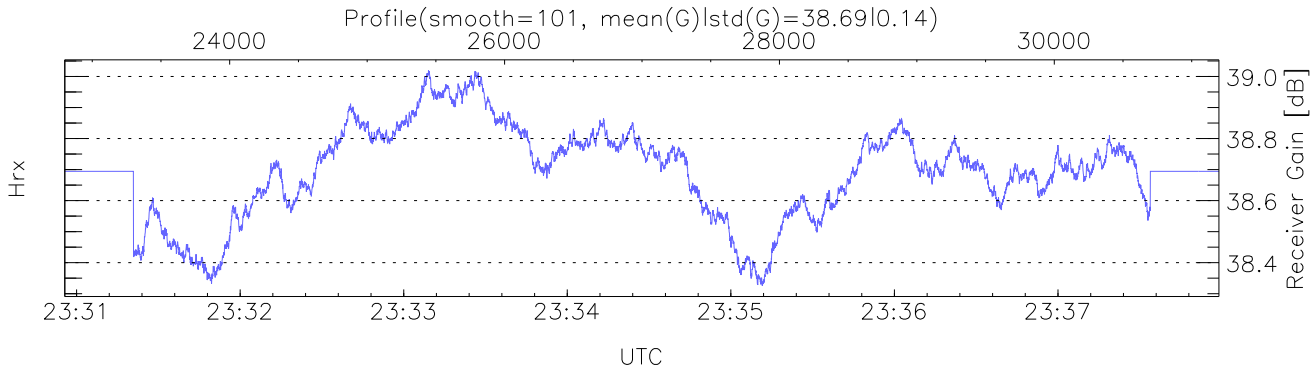
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,92,17,25,27,28
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,21,29,29,30
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty (5,5,5,5,5)



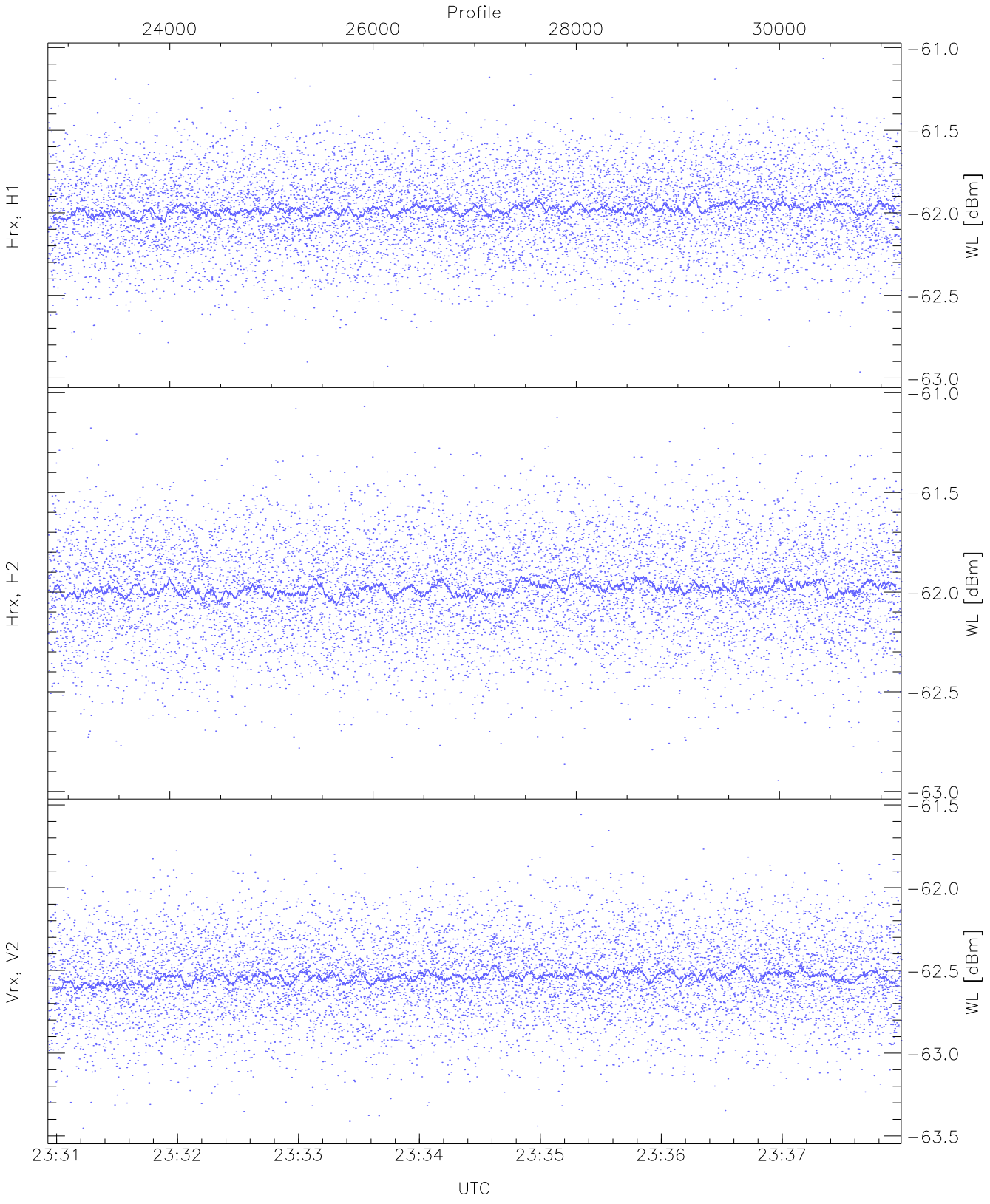






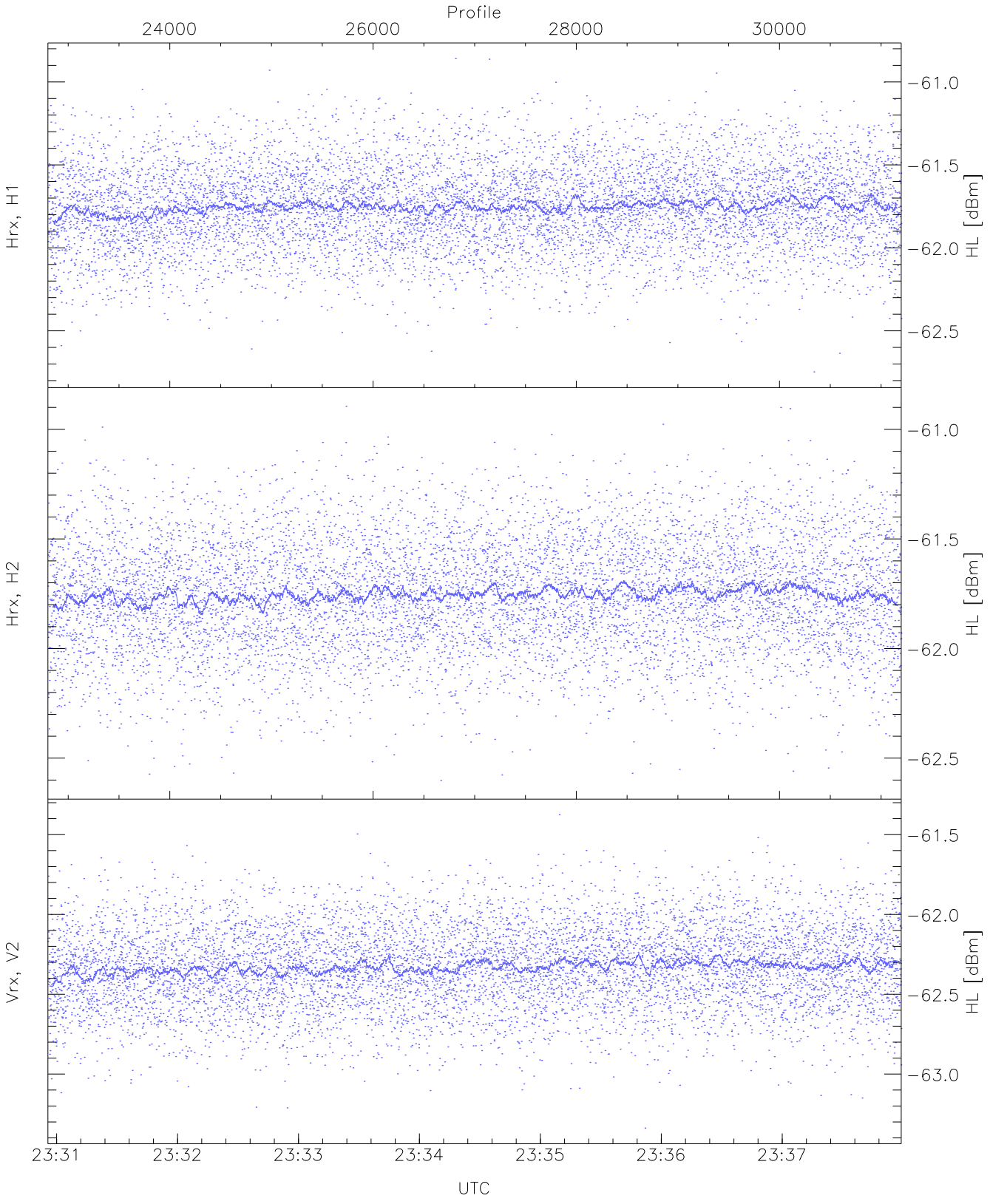
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 7693 pixs, 5 gates, 7669 profs, 1 prods



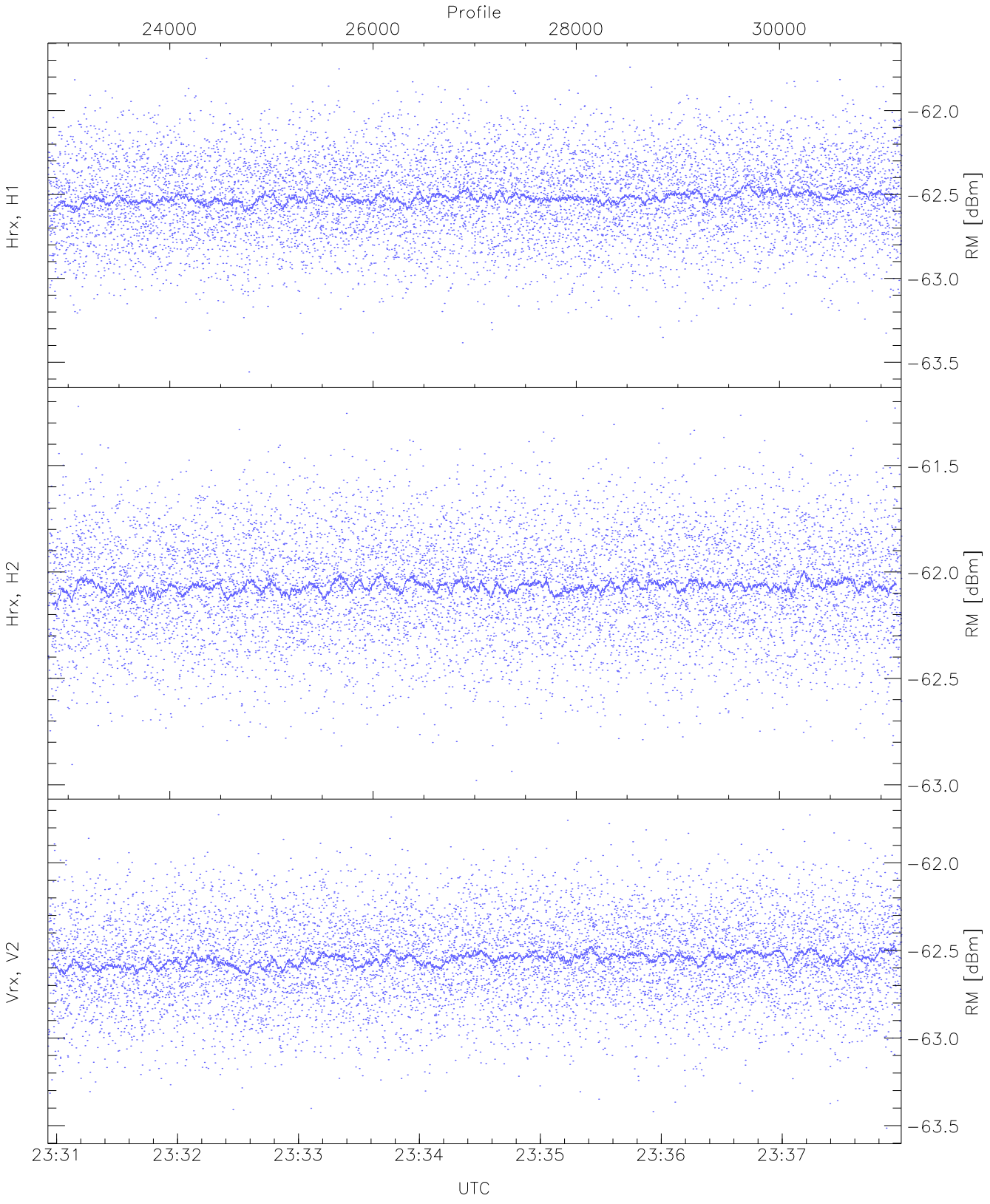
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.96	-61.07	-61.98	-61.98	-74.59
Hrx, H2(WL [dBm])	-62.94	-61.07	-61.98	-61.98	-74.50
Vrx, V2(WL [dBm])	-63.45	-61.56	-62.54	-62.54	-75.10



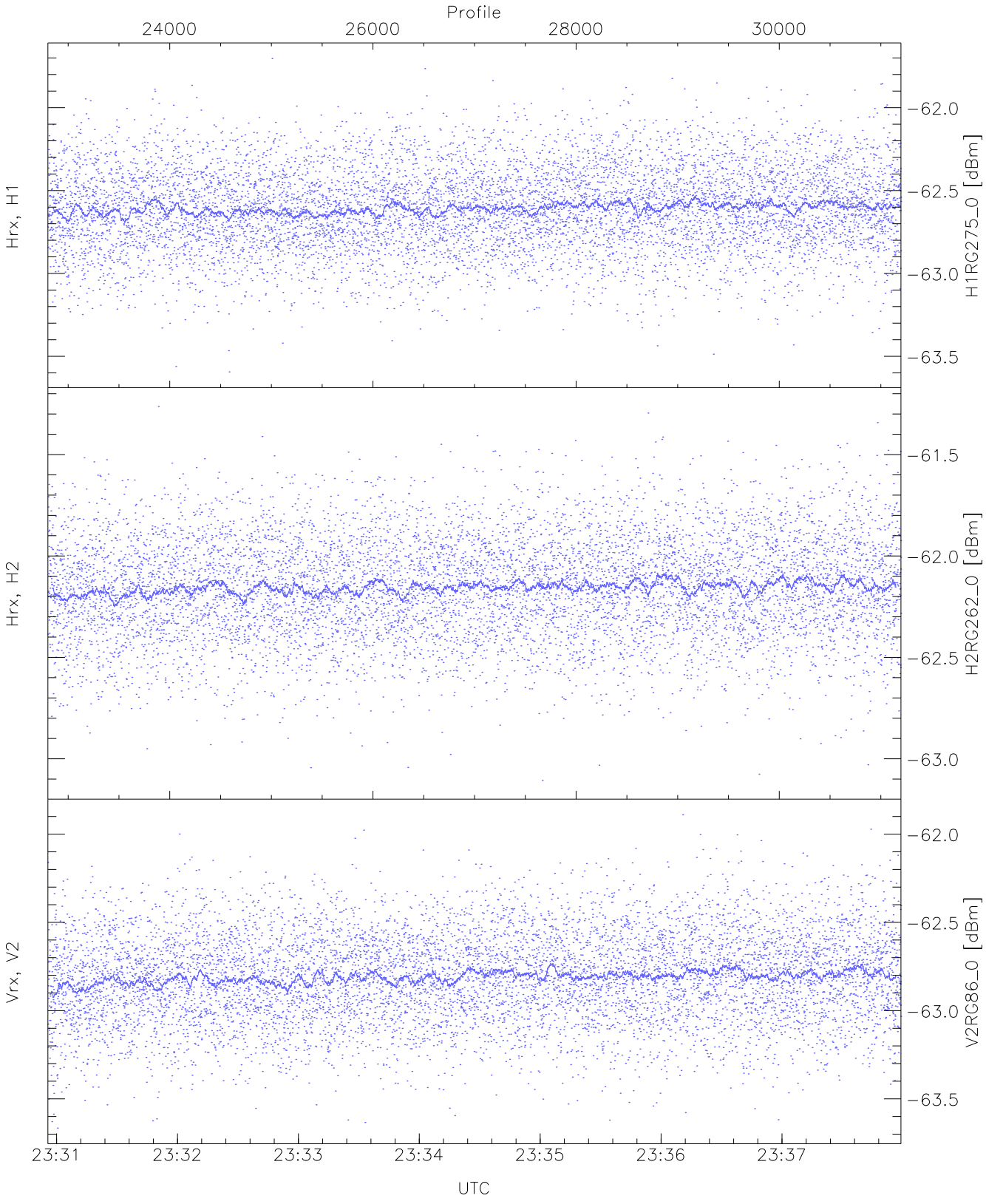
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.75	-60.86	-61.75	-61.76	-74.32
Hrx, H2(HL [dBm])	-62.60	-60.89	-61.75	-61.76	-74.32
Vrx, V2(HL [dBm])	-63.34	-61.38	-62.33	-62.33	-74.86



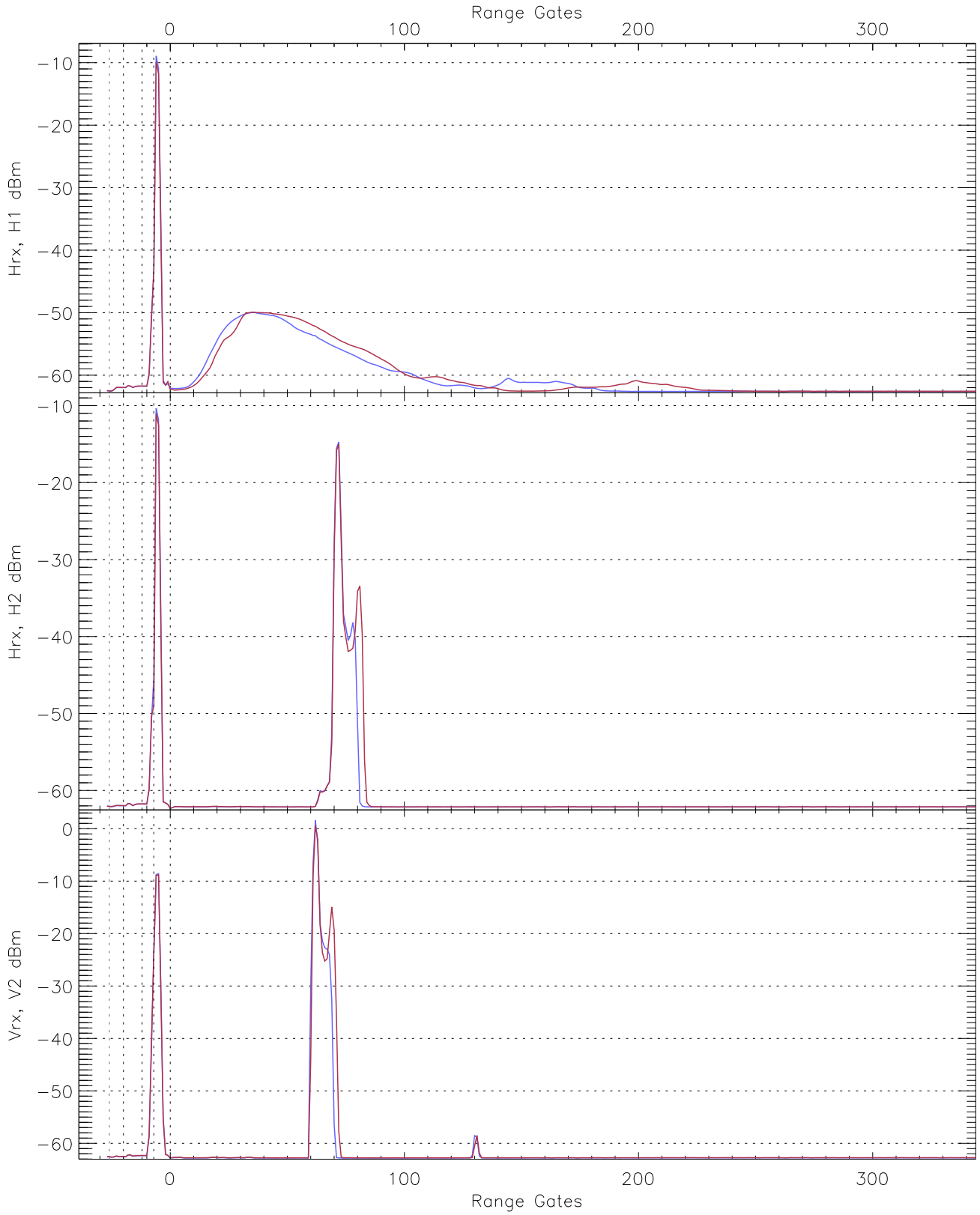
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.56	-61.69	-62.52	-62.52	-75.10
Hrx, H2(RM [dBm])	-62.98	-61.22	-62.06	-62.07	-74.64
Vrx, V2(RM [dBm])	-63.51	-61.73	-62.55	-62.55	-75.10

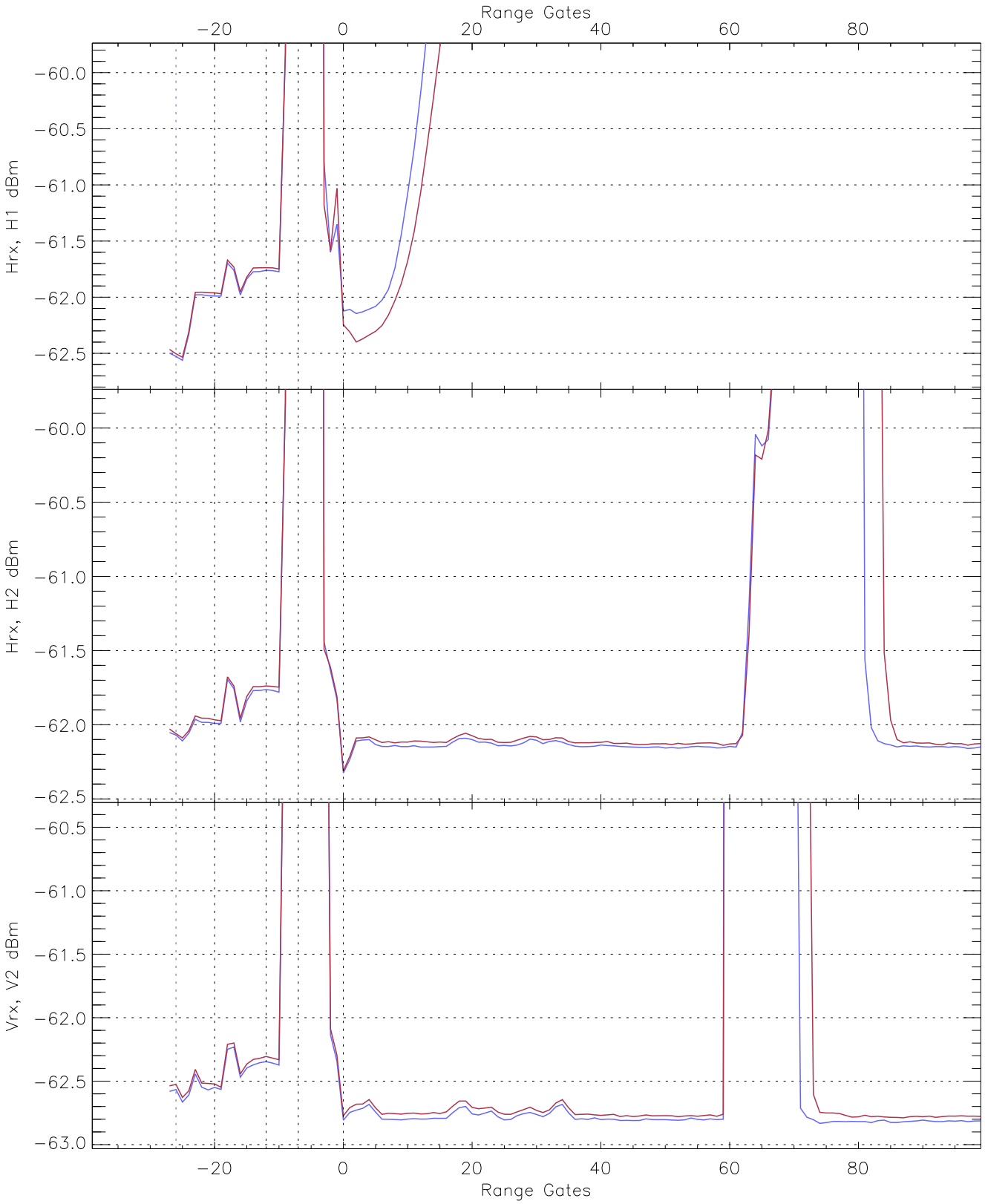


WCR2 CPP "Best" estimate Receivers Noise Power

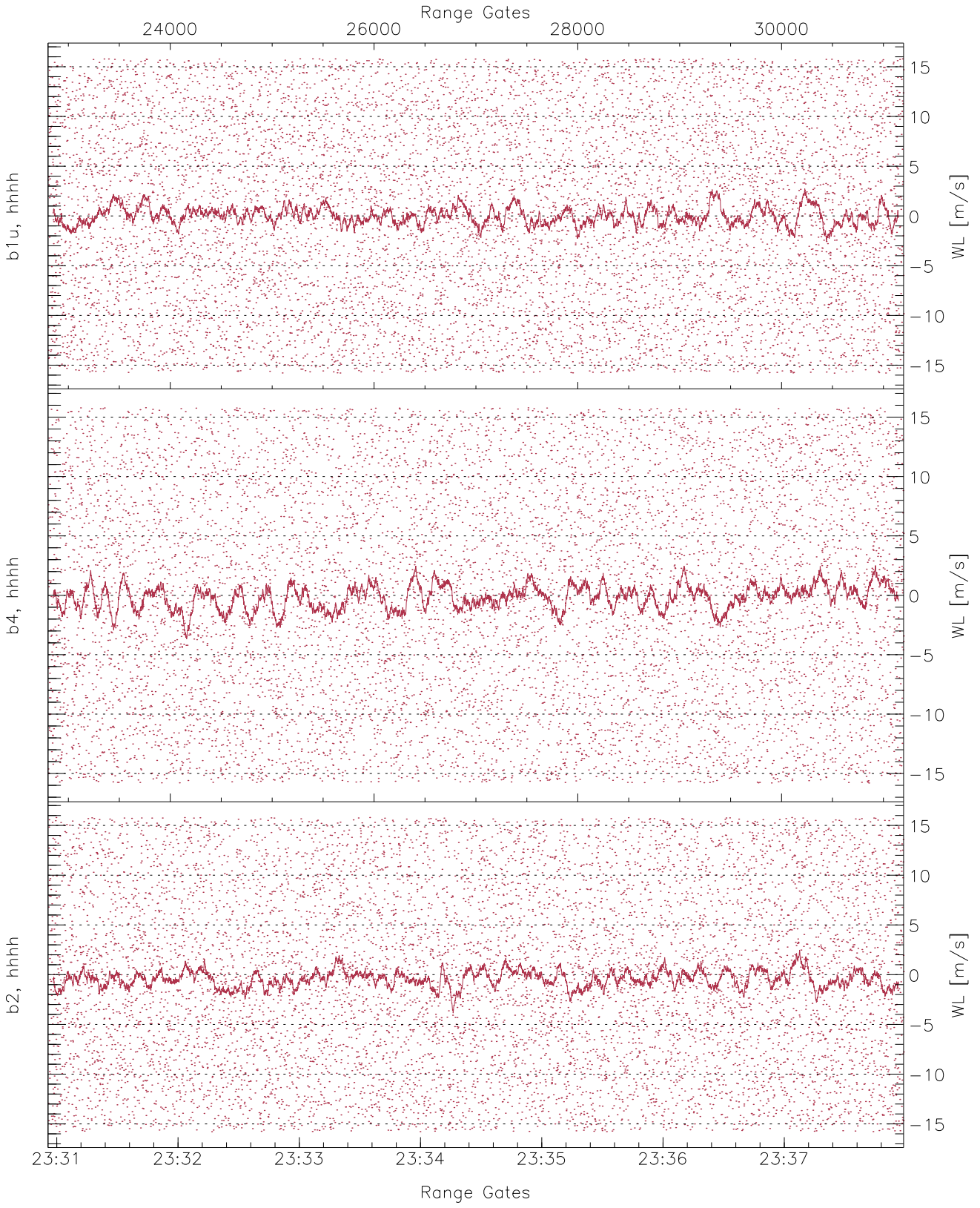
	Min	Max	Mean	Median	StDev
H1RG275_0 [dBm]	-63.59	-61.70	-62.60	-62.61	-75.14
H2RG262_0 [dBm]	-63.11	-61.26	-62.15	-62.16	-74.76
V2RG86_0 [dBm]	-63.67	-61.89	-62.81	-62.81	-75.29



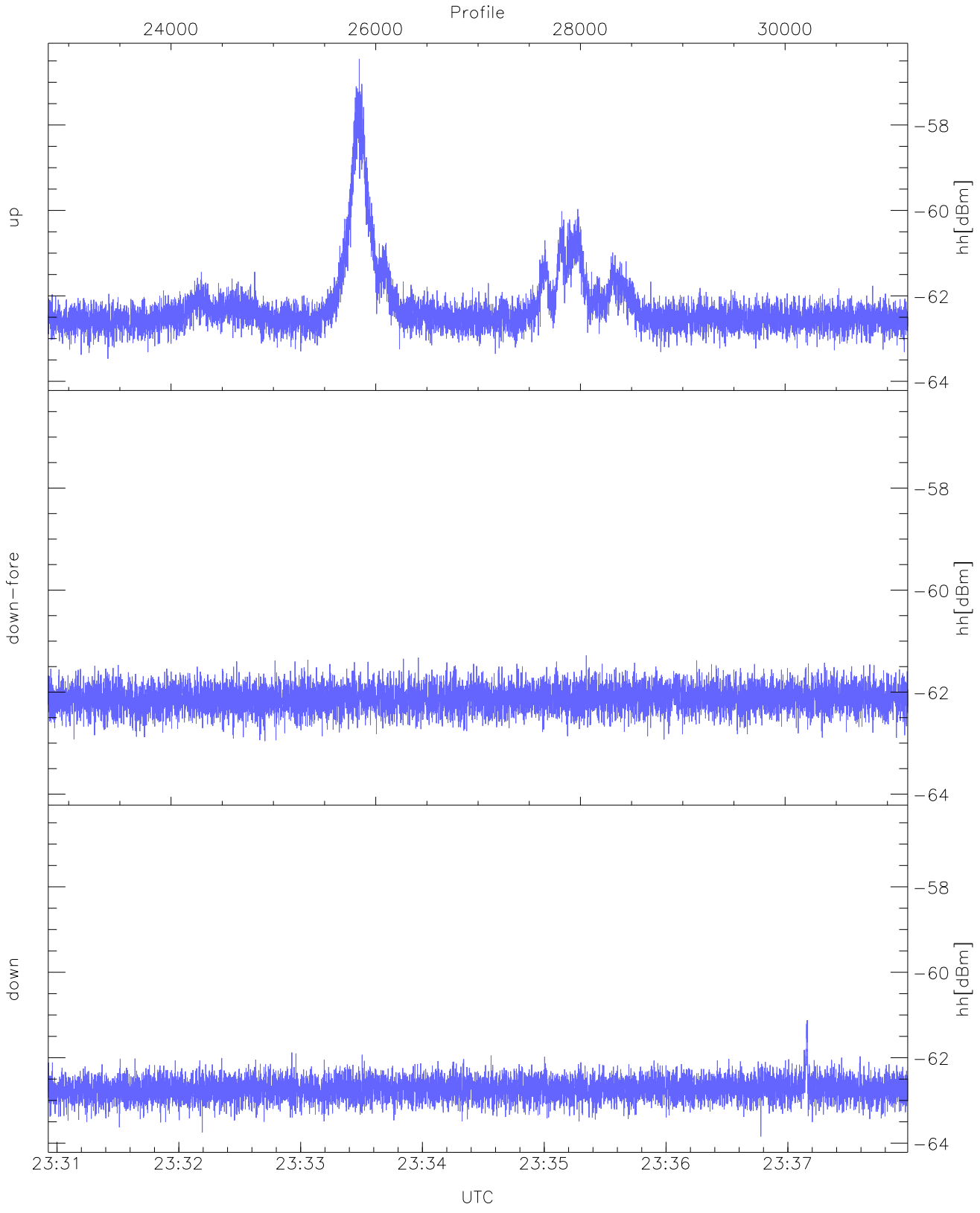
WCR2 CPP Averaged Received power for all recorded gates
blue: 233056-233427, 4200 profiles averaged
red: 233427-233759, 4200 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 233056-233427, 4200 profiles averaged
red: 233427-233759, 4200 profiles averaged

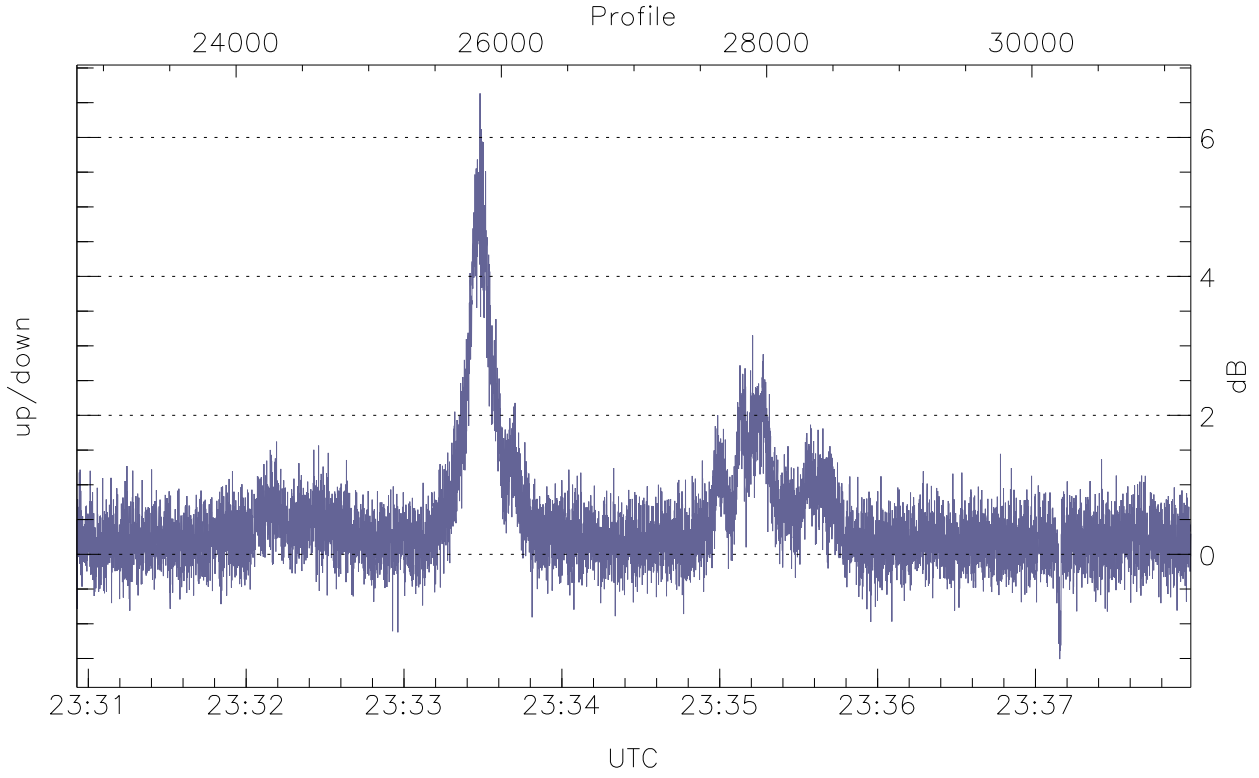


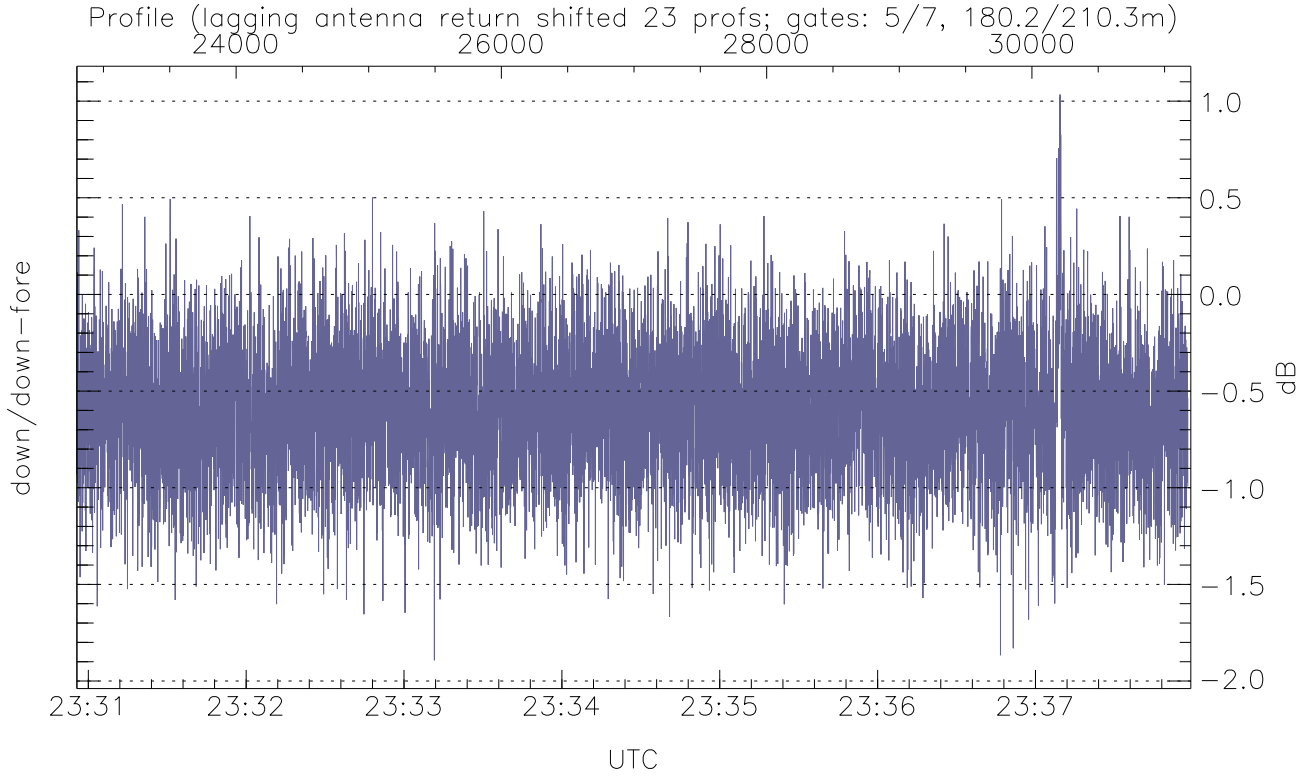
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

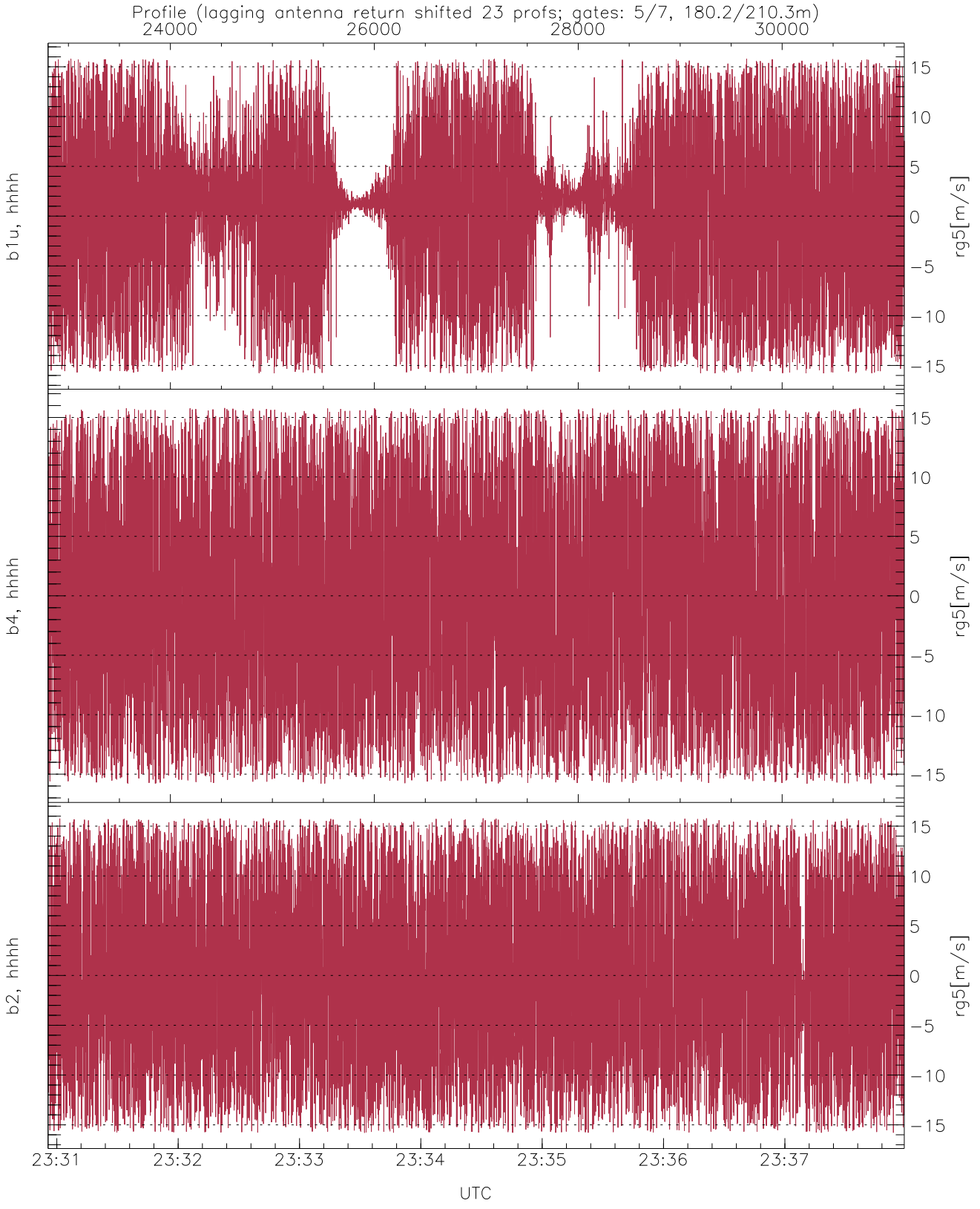
	Min	Max	Mean
up(hh[dBm])	-63.47	-56.46	-62.19
down-fore(hh[dBm])	-62.96	-61.28	-62.12
down(hh[dBm])	-63.85	-61.12	-62.73





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

	Min	Max	Mean
up/down(dB)	-1.51	6.64	0.47
down/down-fore(dB)	-1.89	1.03	-0.60



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.79	15.80	0.47	7.53
b4, hhhh(rg5[m/s])	-15.80	15.79	-0.13	9.04
b2, hhhh(rg5[m/s])	-15.80	15.78	-0.45	8.97