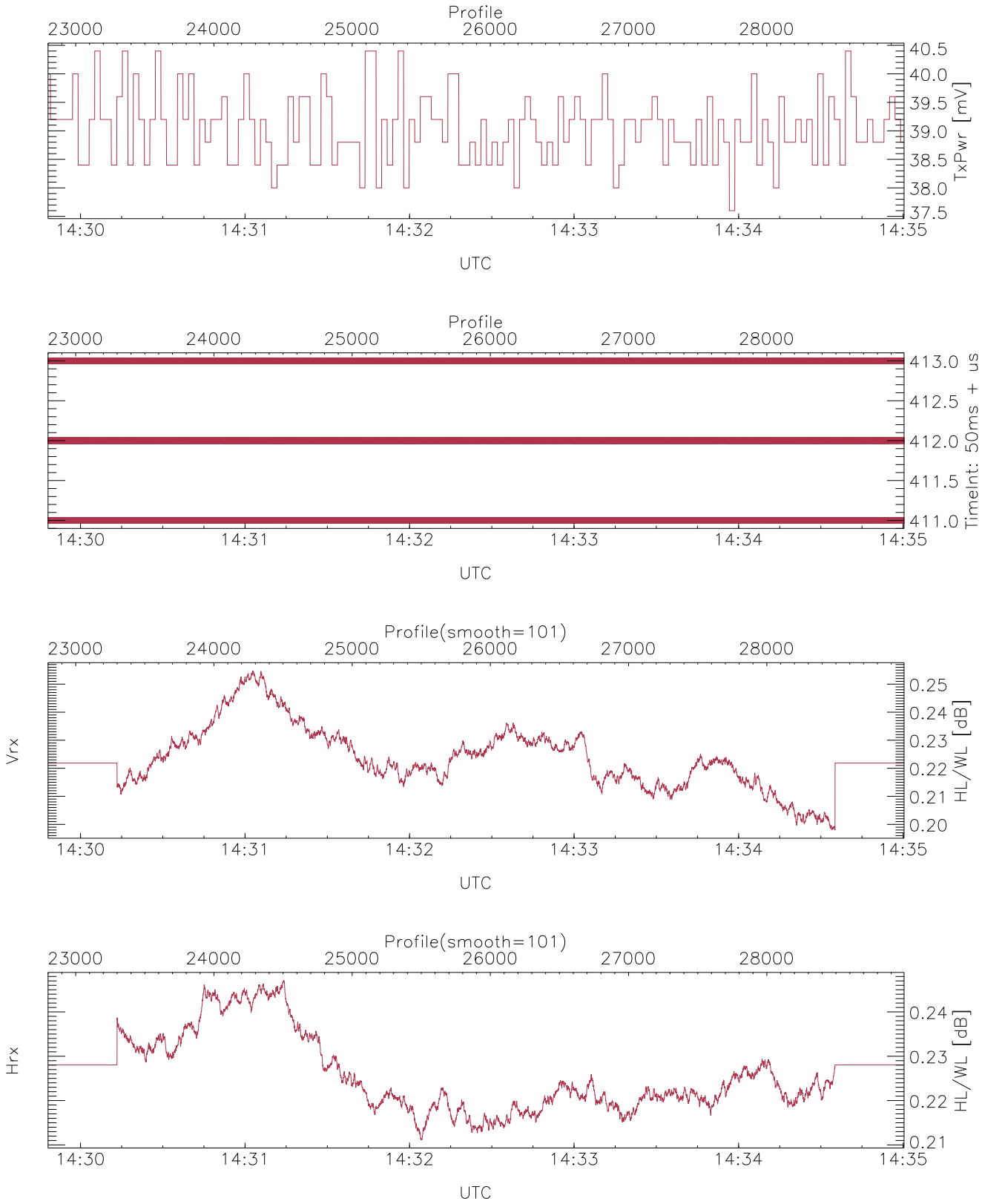
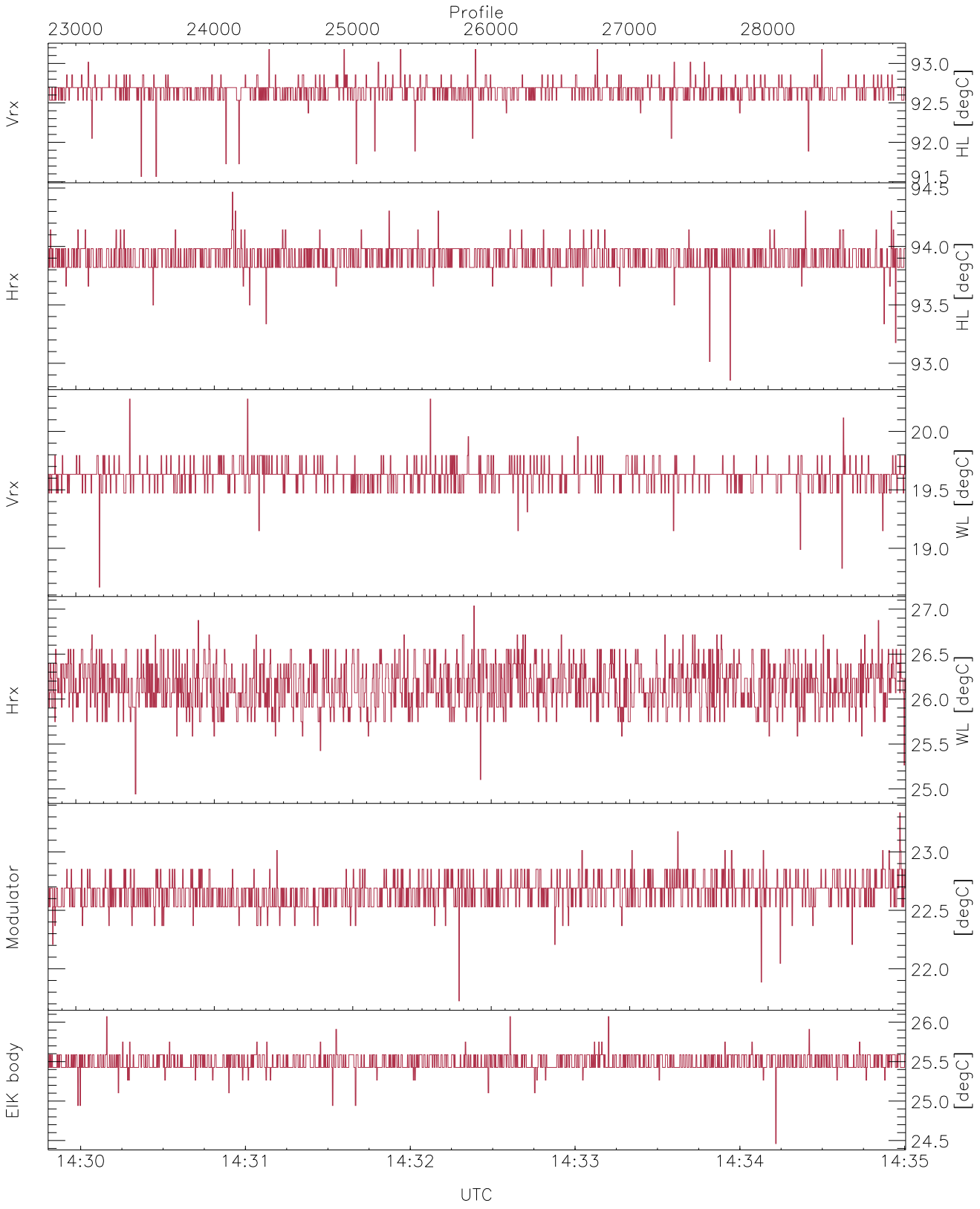


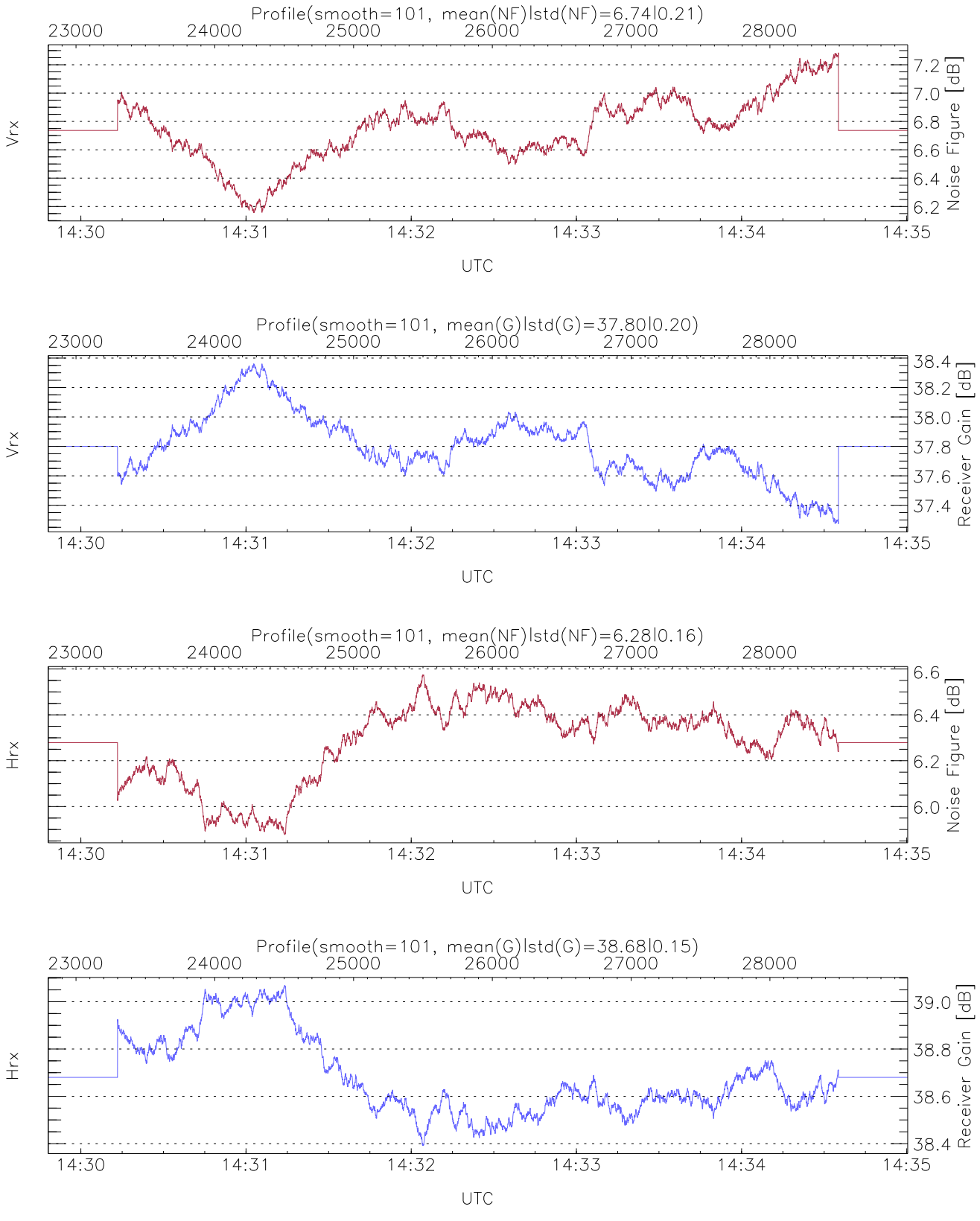
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 14:10:39-14:35:00, Dur: 1461.61s
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): 6194/28994, 22800-28993/14:29:48-14:35:00
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



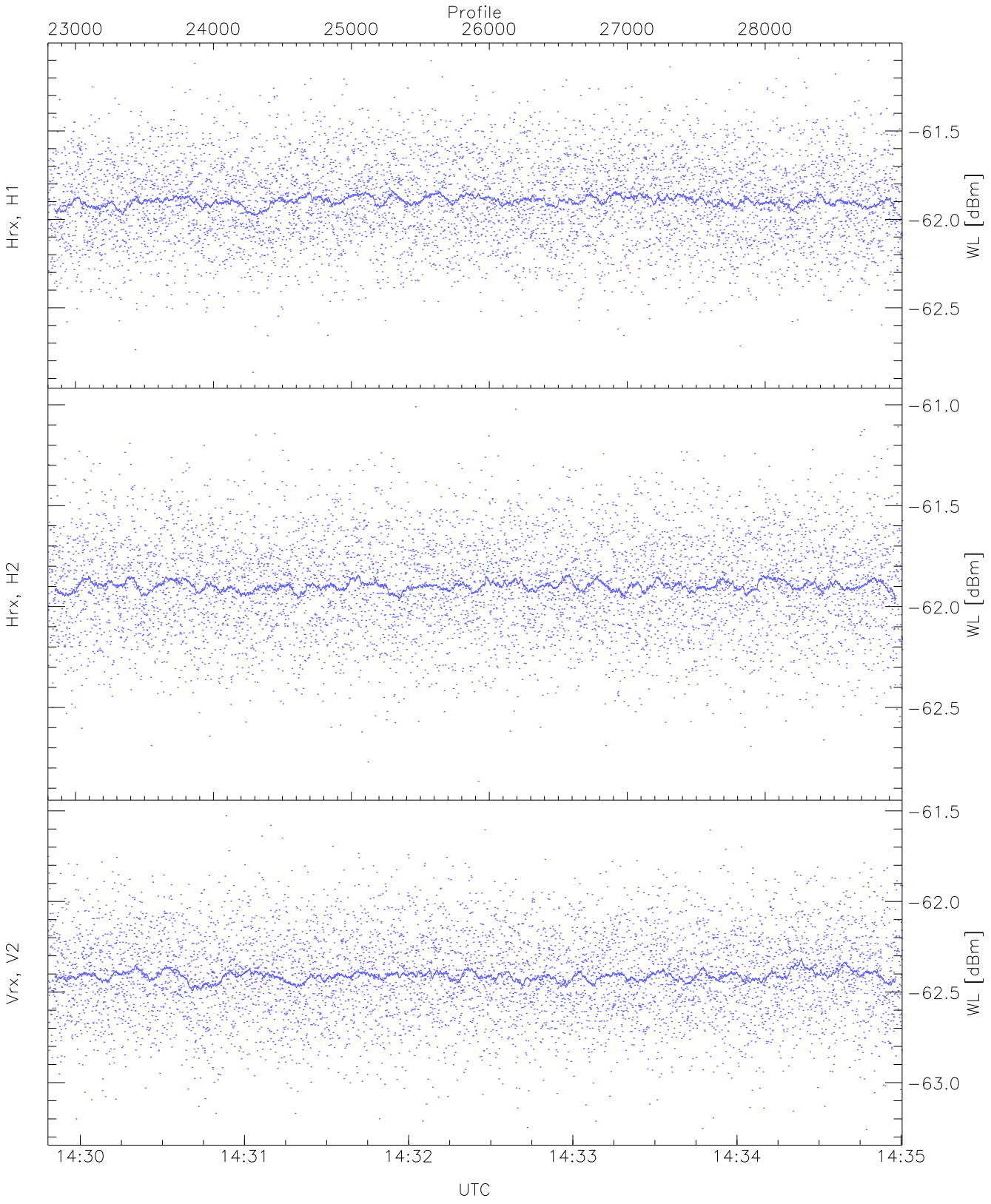
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,18,24,21,24
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,20,27,23,26
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (5,5,5,5,5,11)



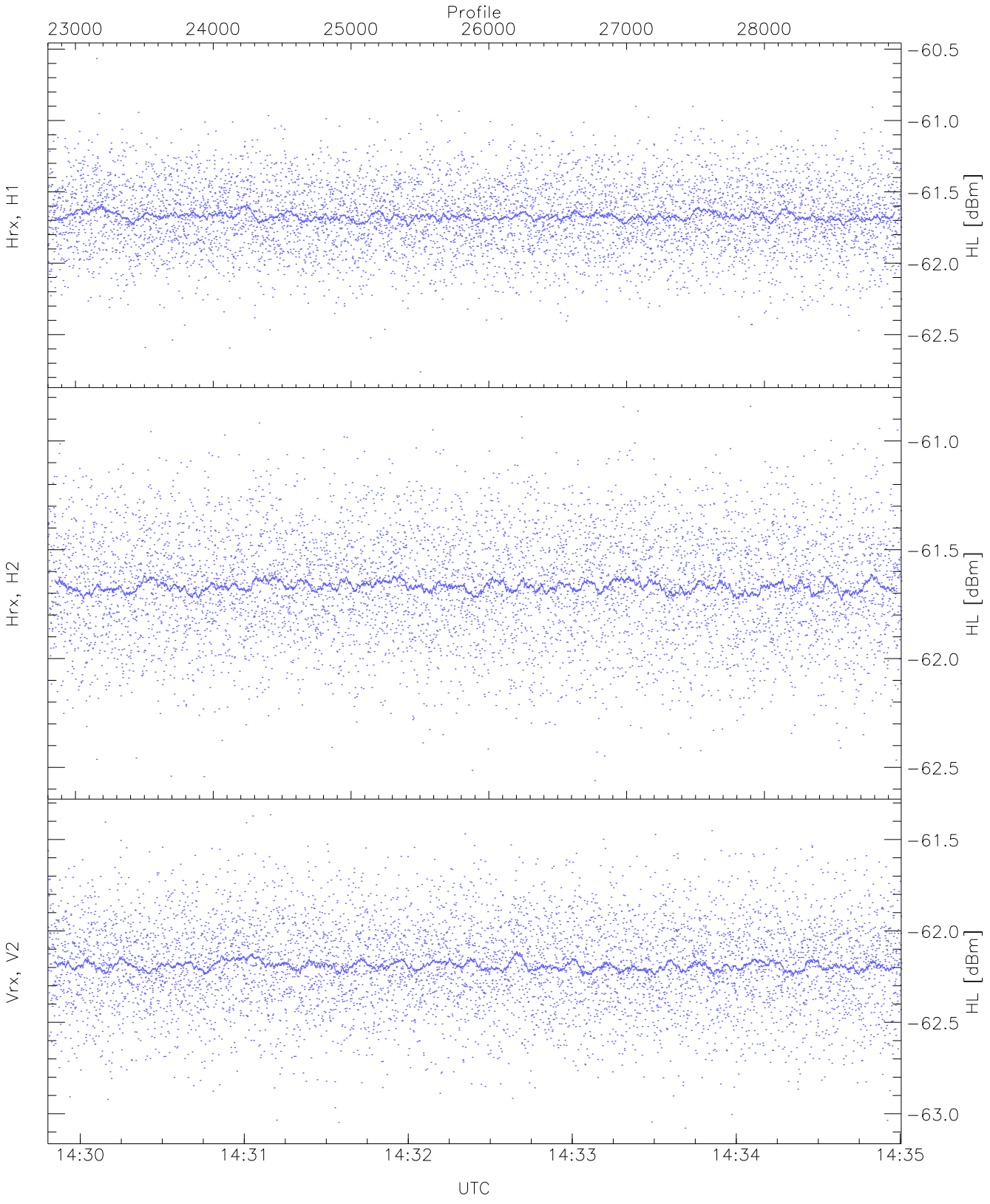
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 210 pixs, 12 gates, 209 profs, 1 prods



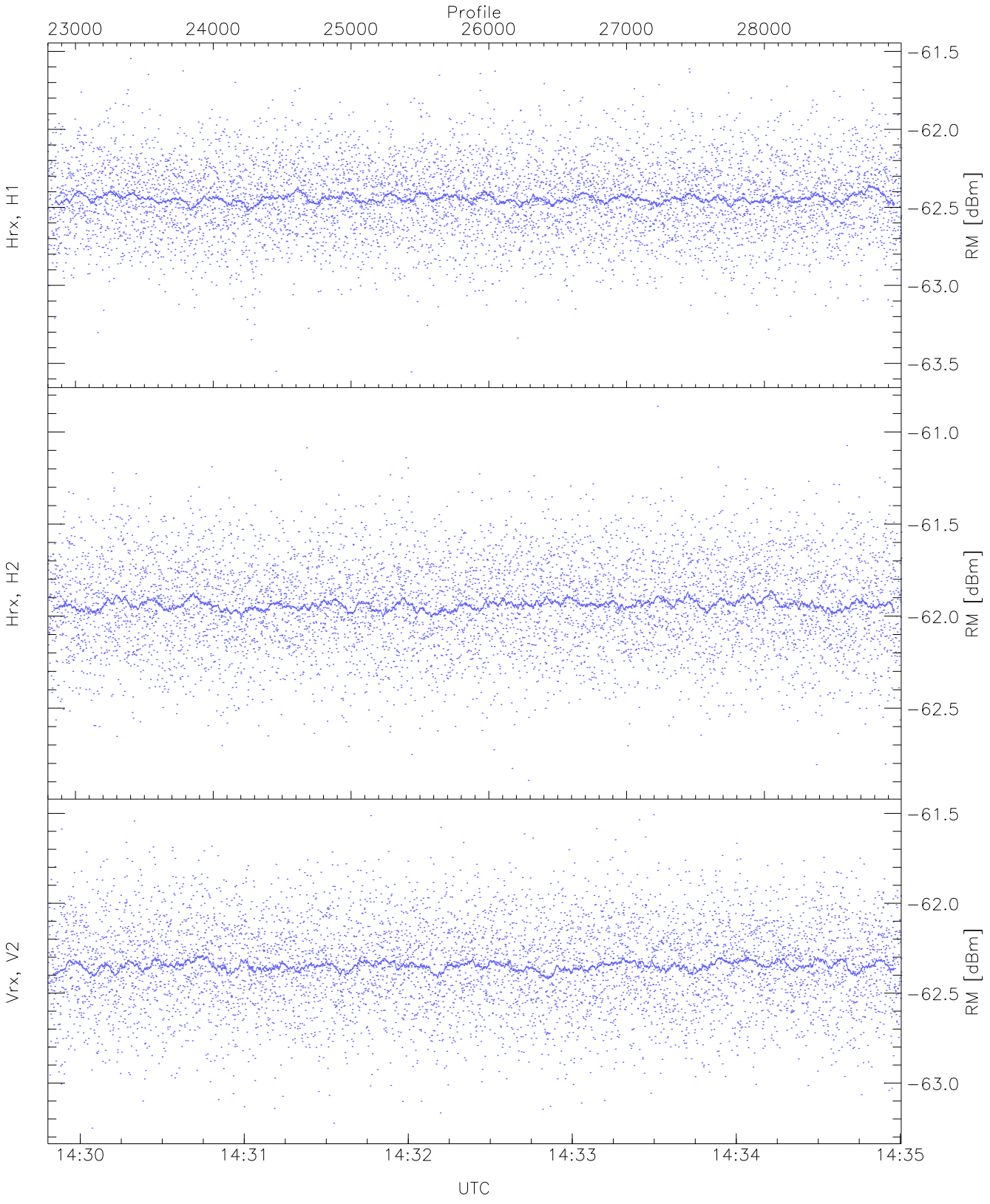
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.87	-61.09	-61.89	-61.90	-74.49
Hrx, H2(WL [dBm])	-62.87	-61.01	-61.89	-61.90	-74.47
Vrx, V2(WL [dBm])	-63.26	-61.53	-62.41	-62.42	-74.97



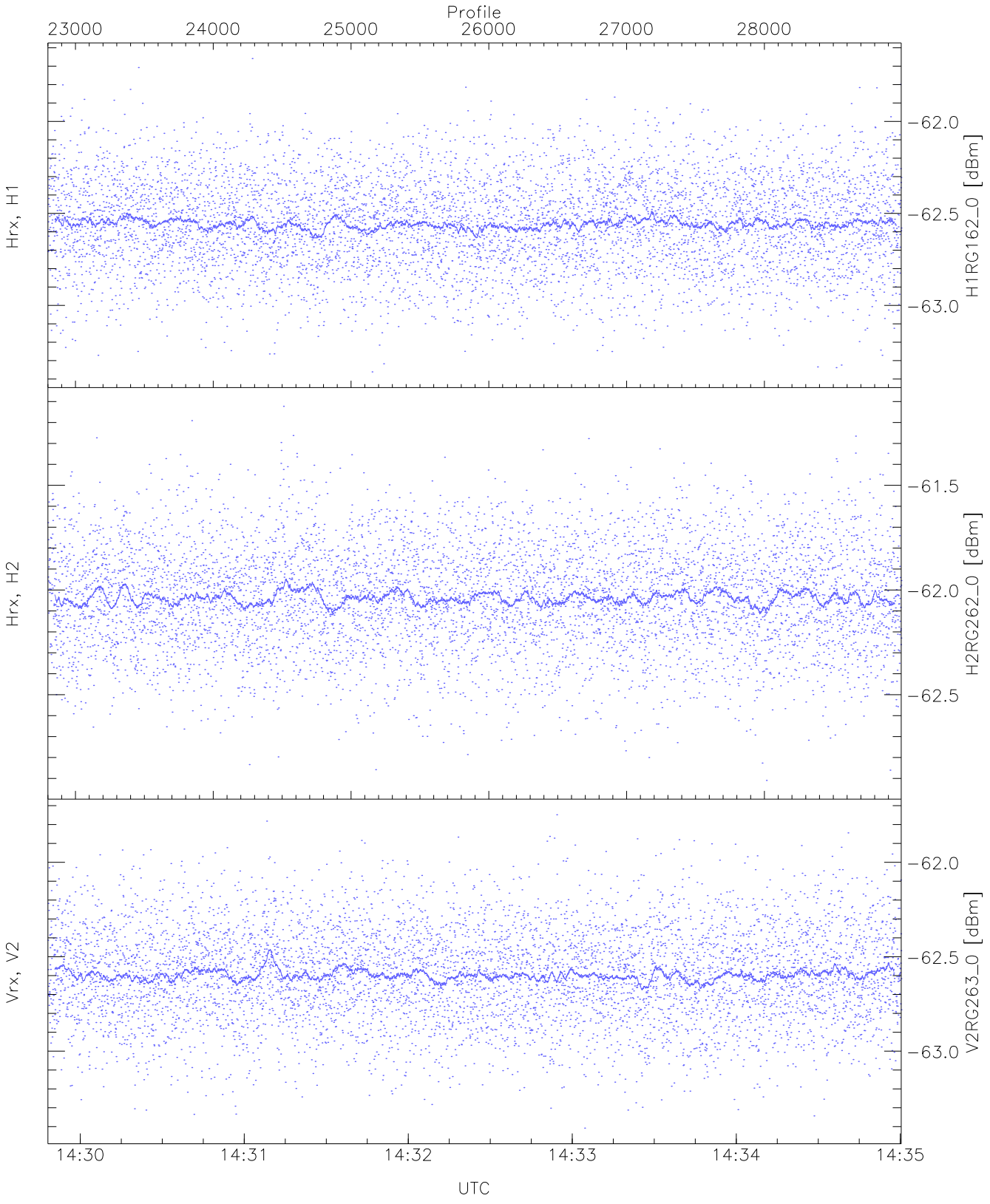
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.76	-60.57	-61.67	-61.67	-74.20
Hrx, H2(HL [dBm])	-62.56	-60.84	-61.66	-61.67	-74.19
Vrx, V2(HL [dBm])	-63.08	-61.36	-62.18	-62.19	-74.75



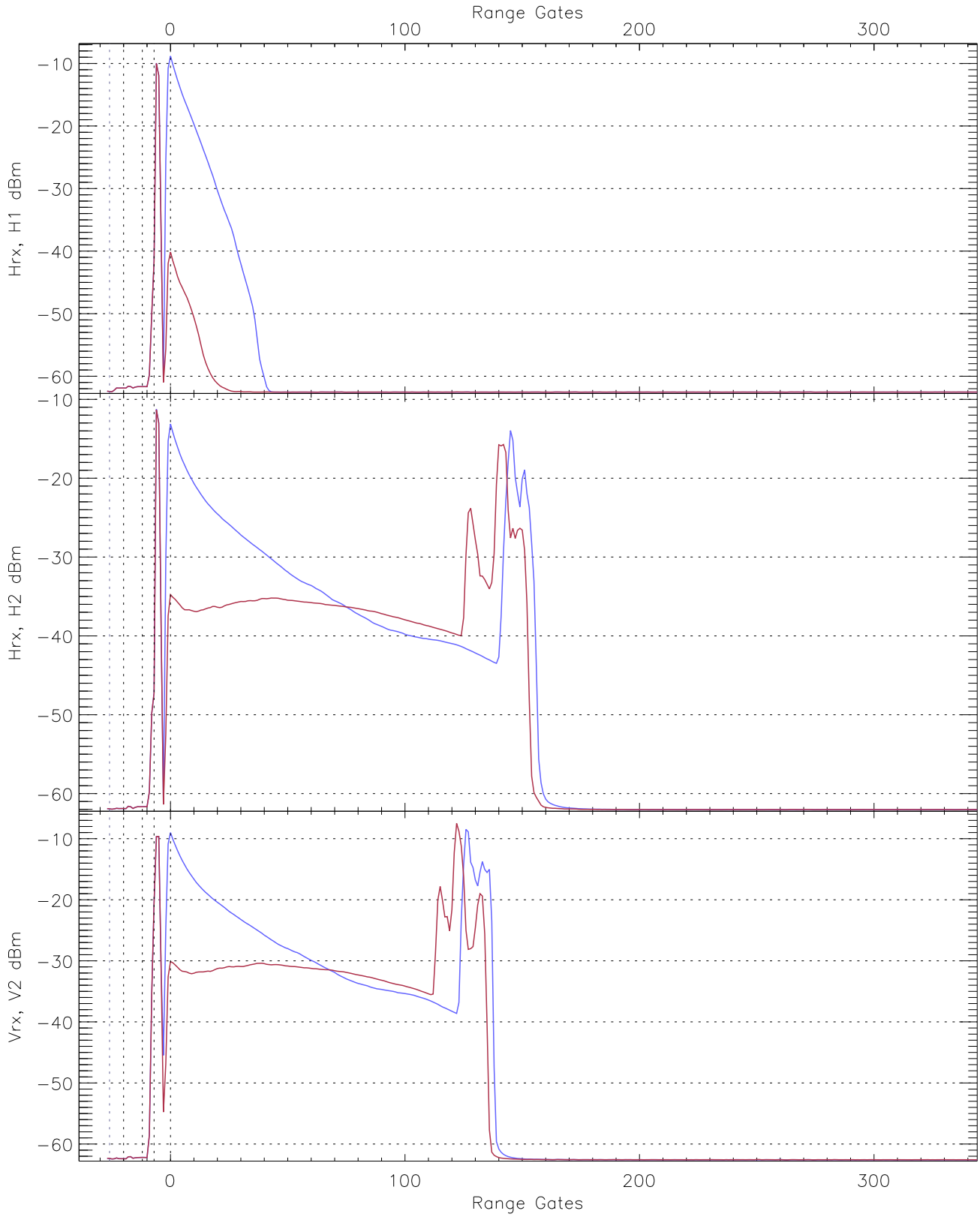
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.55	-61.55	-62.44	-62.44	-75.00
Hrx, H2(RM [dBm])	-62.89	-60.86	-61.93	-61.94	-74.40
Vrx, V2(RM [dBm])	-63.25	-61.51	-62.34	-62.35	-74.86

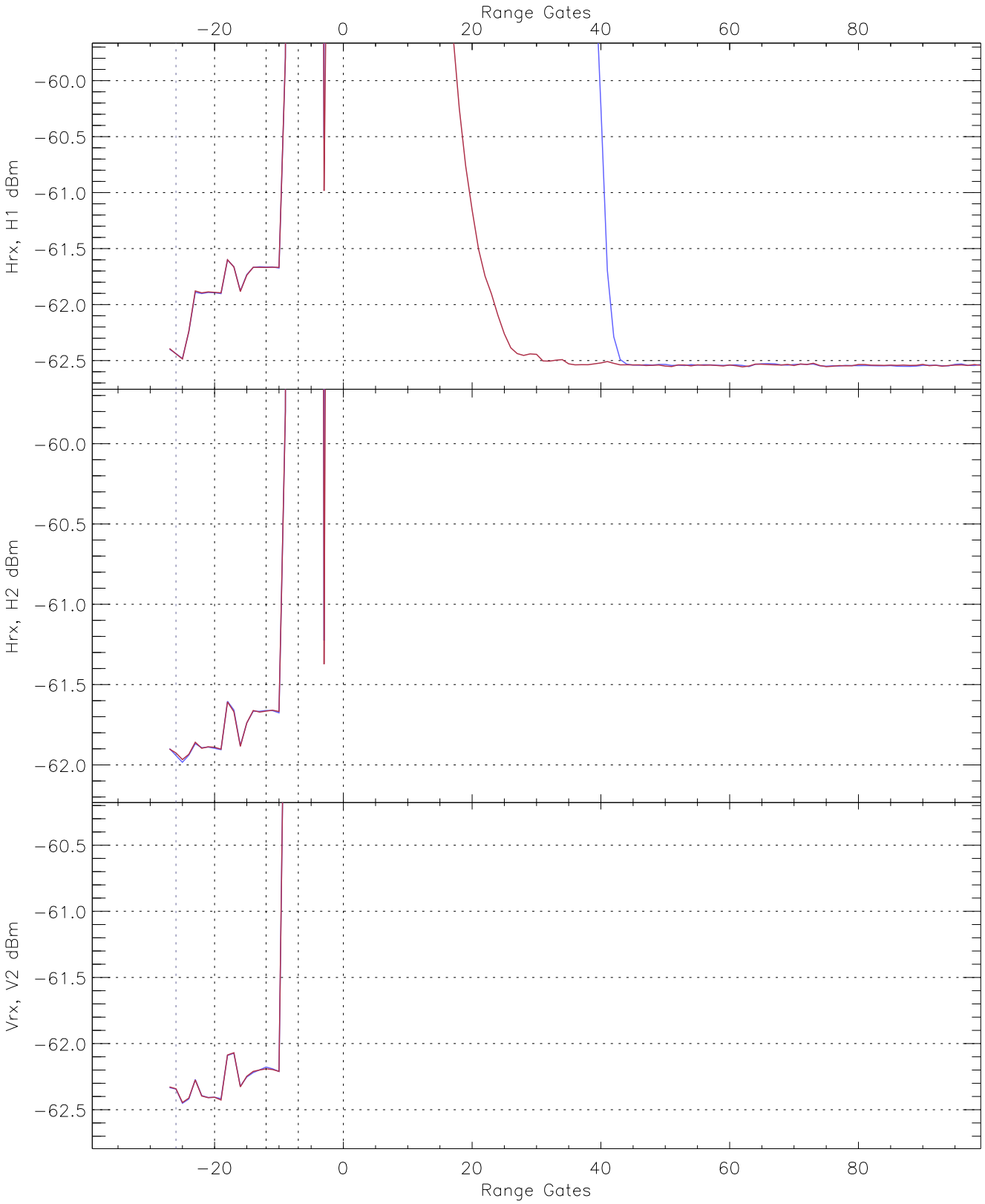


WCR2 CPP "Best" estimate Receivers Noise Power

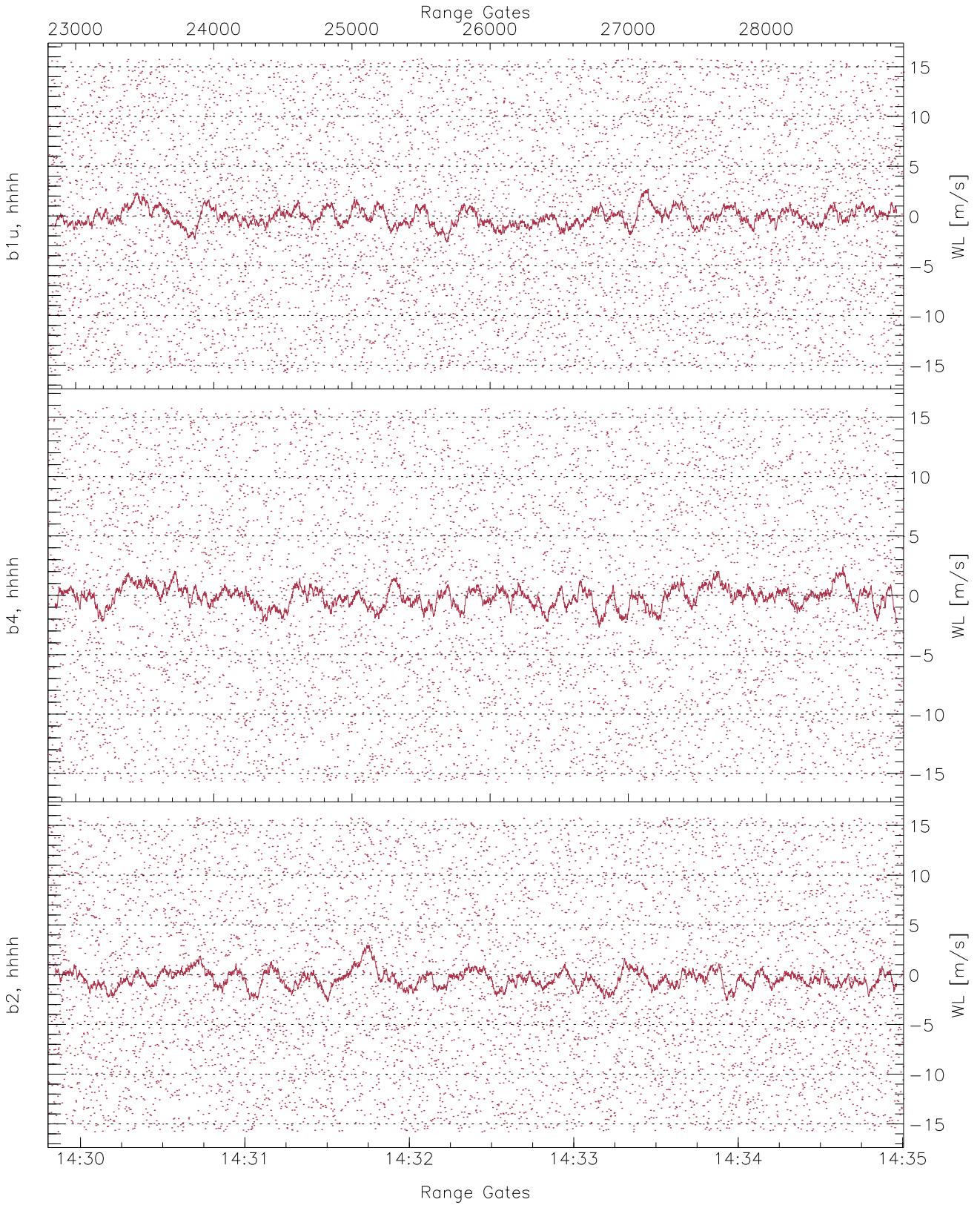
	Min	Max	Mean	Median	StDev
H1RG162_0 [dBm]	-63.36	-61.66	-62.55	-62.56	-75.13
H2RG262_0 [dBm]	-62.91	-61.12	-62.03	-62.04	-74.62
V2RG263_0 [dBm]	-63.41	-61.75	-62.59	-62.60	-75.16



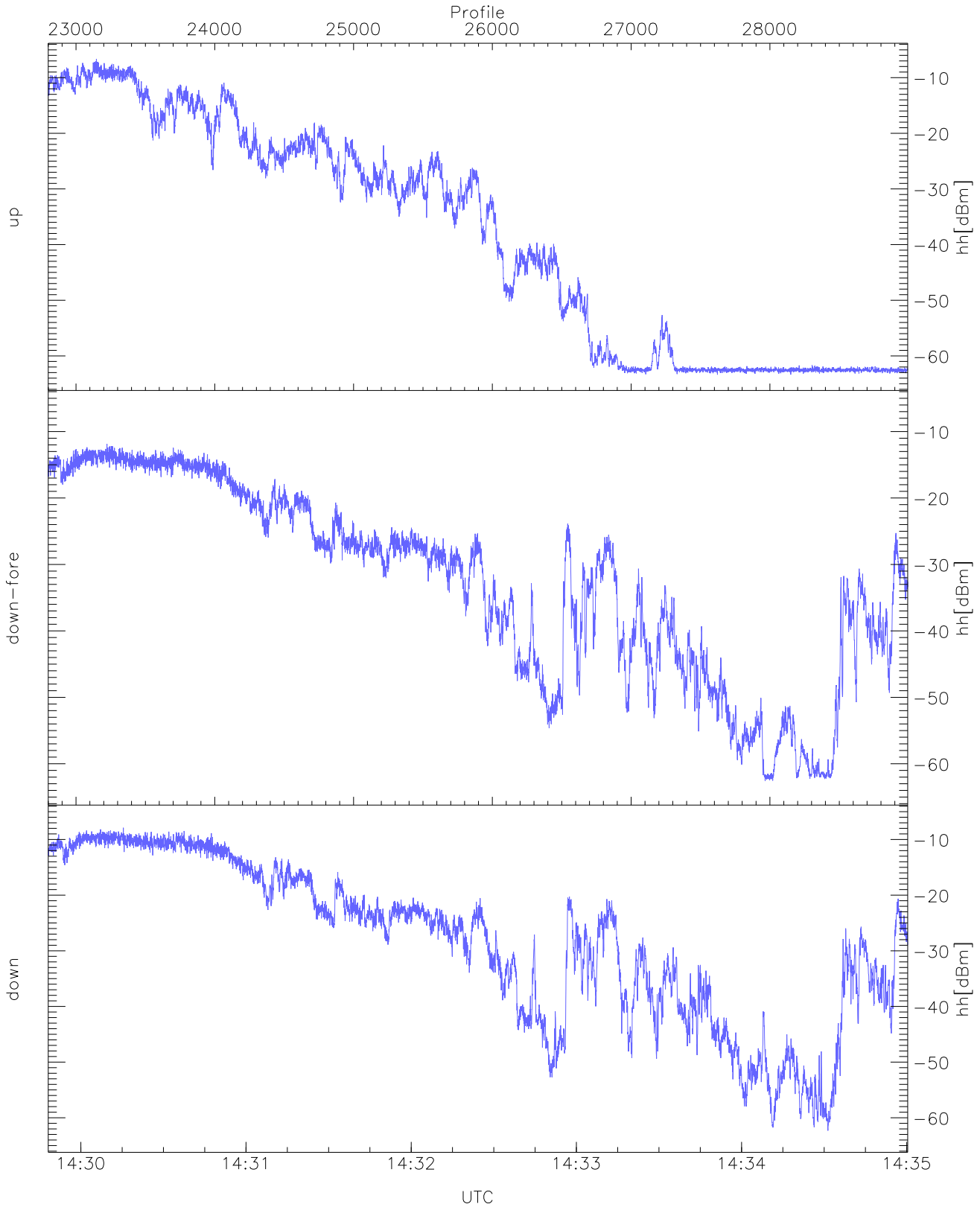
WCR2 CPP Averaged Received power for all recorded gates
blue: 142948-143224, 3098 profiles averaged
red: 143224-143500, 3097 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 142948-143224, 3098 profiles averaged
red: 143224-143500, 3097 profiles averaged

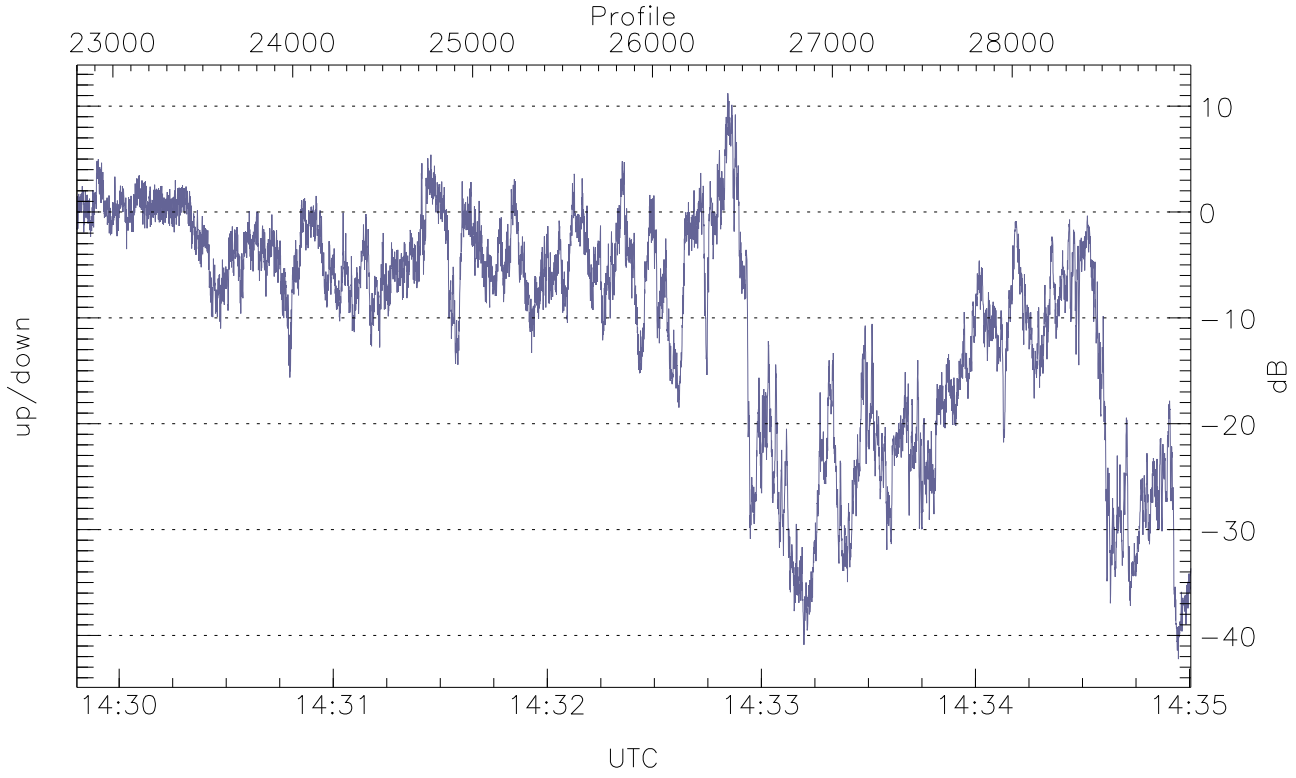


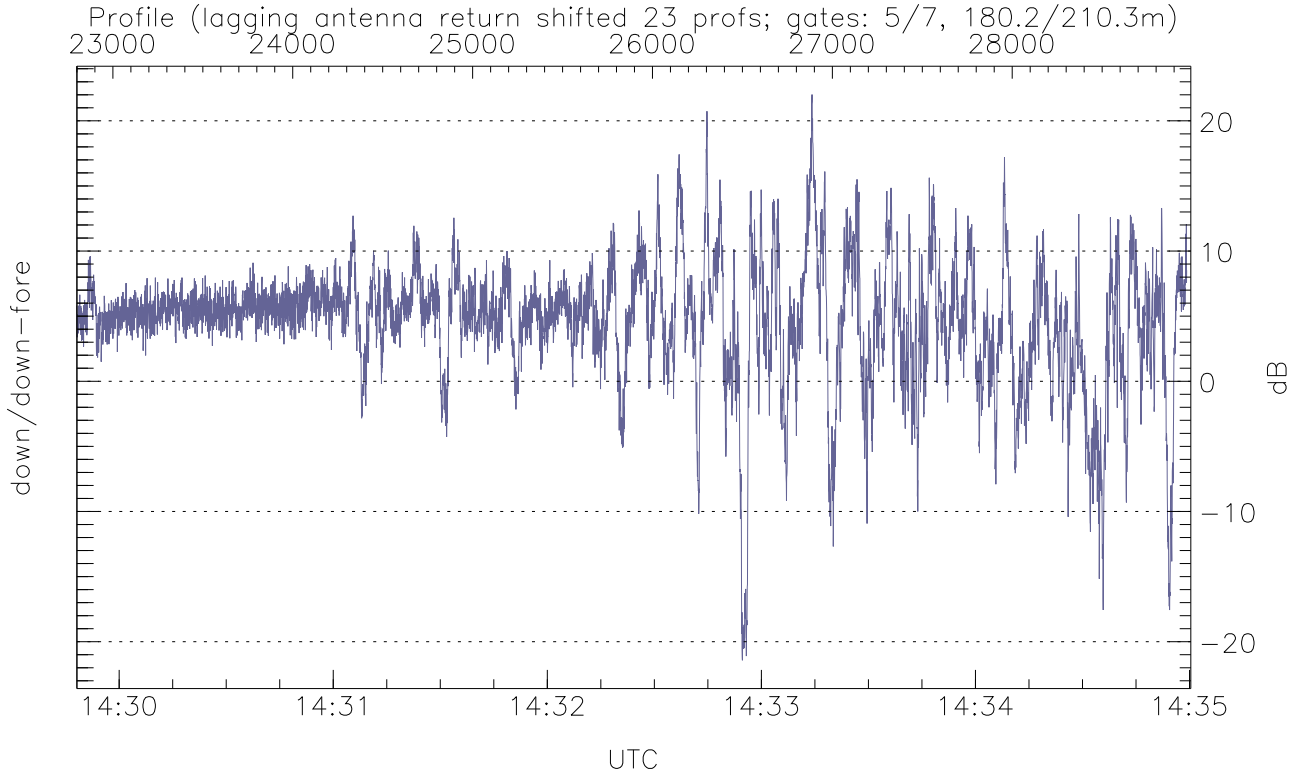
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

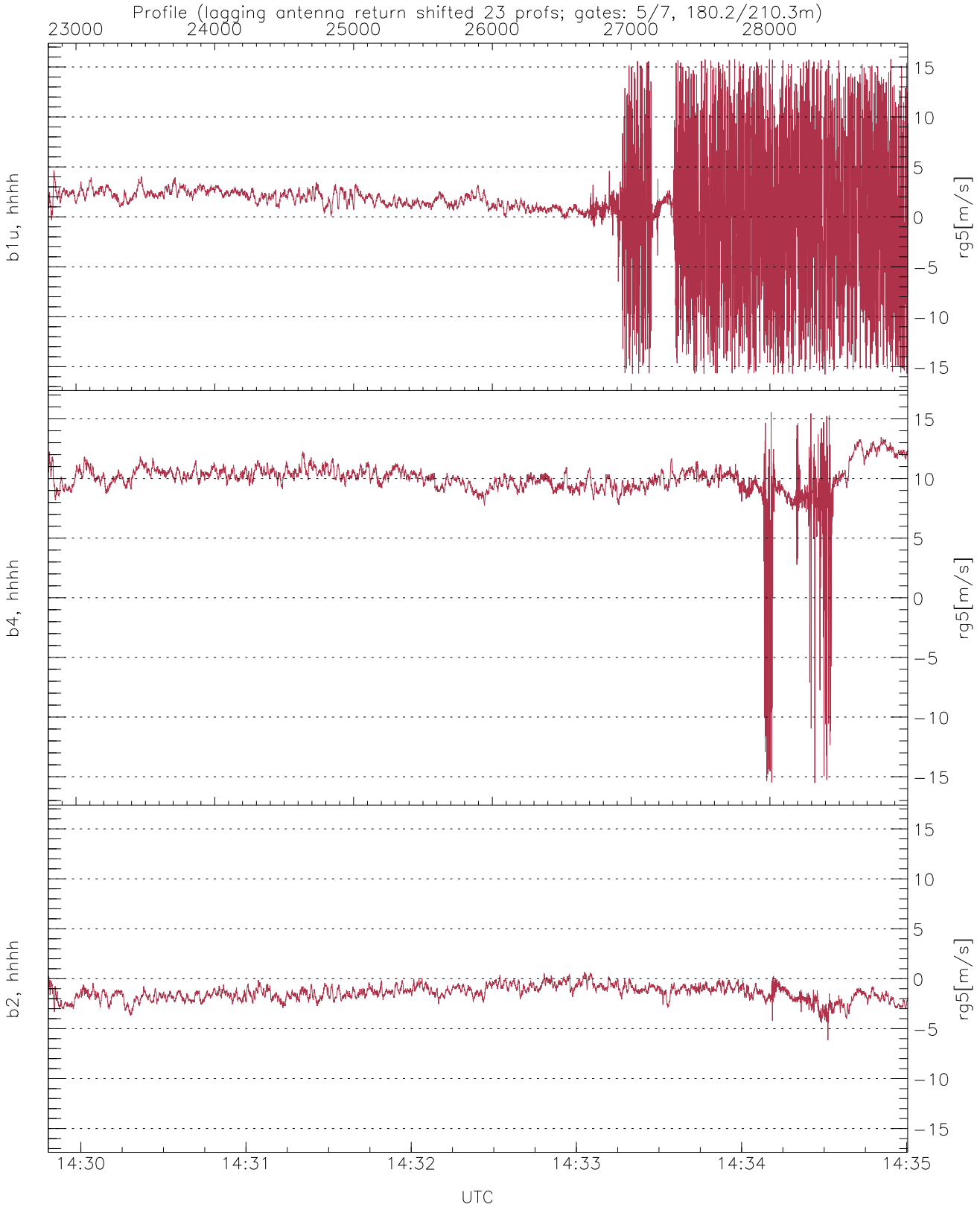
	Min	Max	Mean
up(hh[dBm])	-63.38	-6.65	-17.90
down-fore(hh[dBm])	-62.58	-11.85	-20.62
down(hh[dBm])	-62.32	-7.89	-16.50





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

	Min	Max	Mean
up/down(dB)	-42.23	11.21	-10.33
down/down-fore(dB)	-21.43	22.02	4.63



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	1.18	5.06
b4, hhhh(rg5[m/s])	-15.52	15.56	9.91	2.10
b2, hhhh(rg5[m/s])	-6.15	0.67	-1.43	0.75