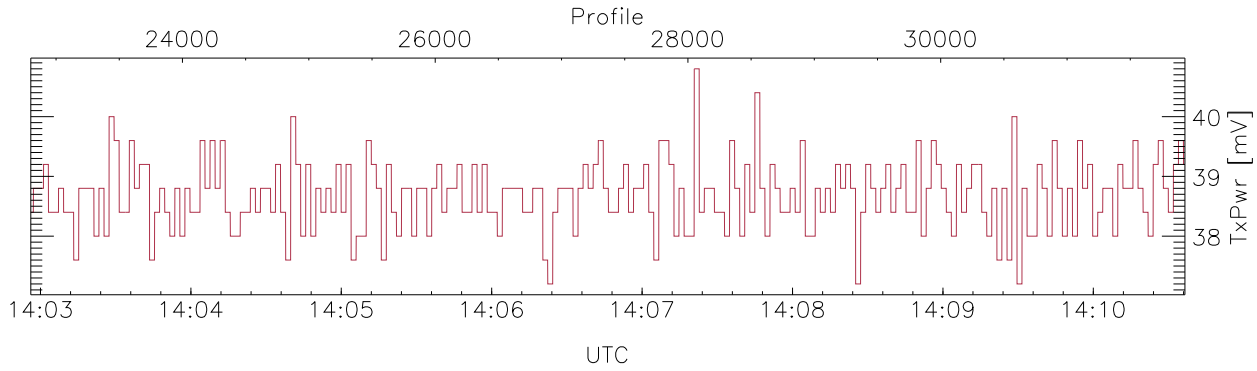
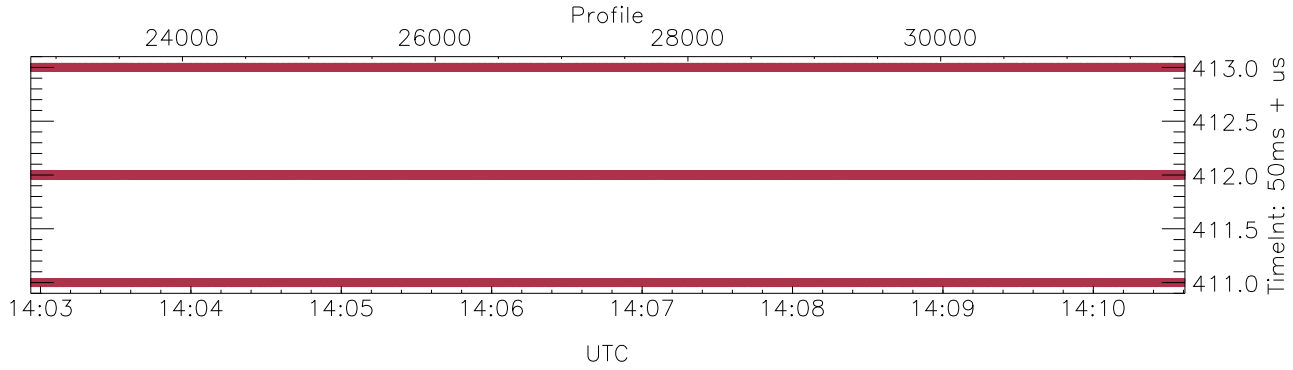
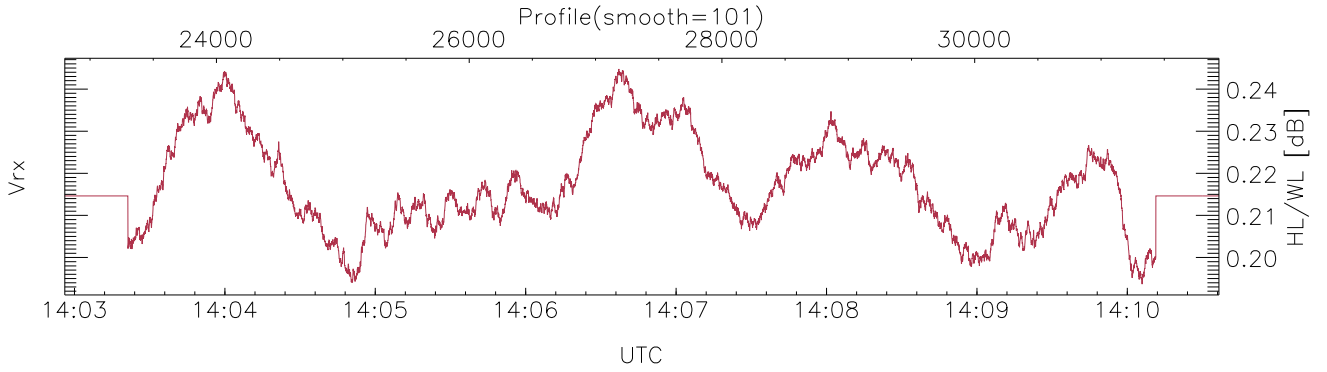
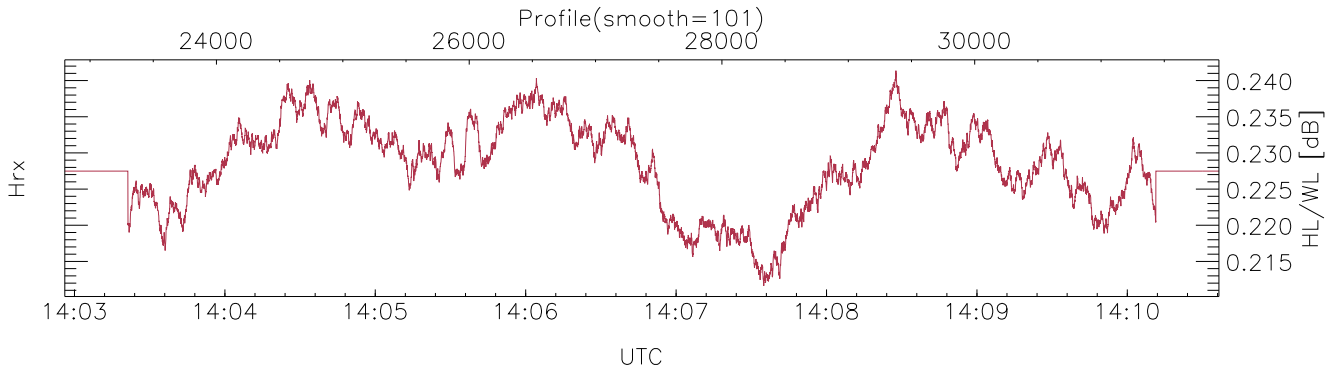


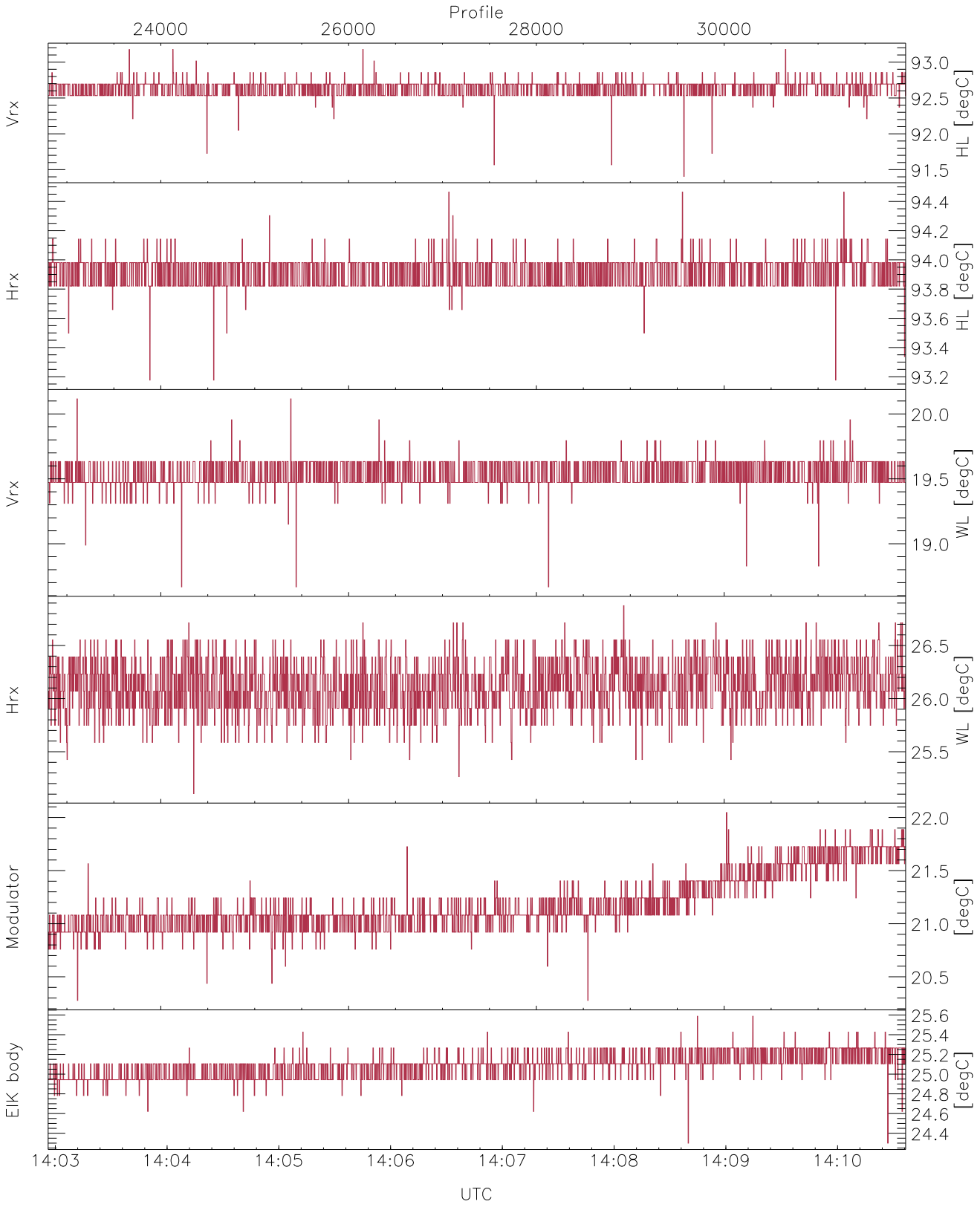






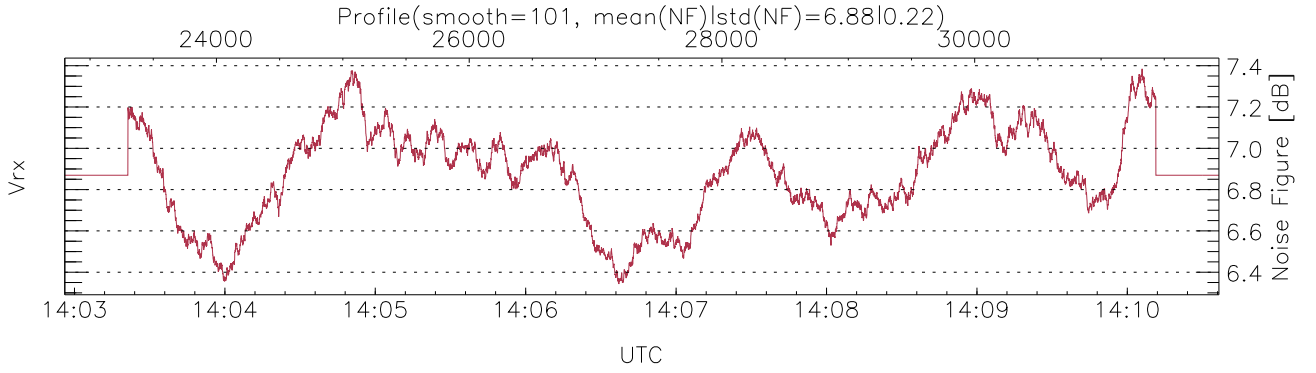
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

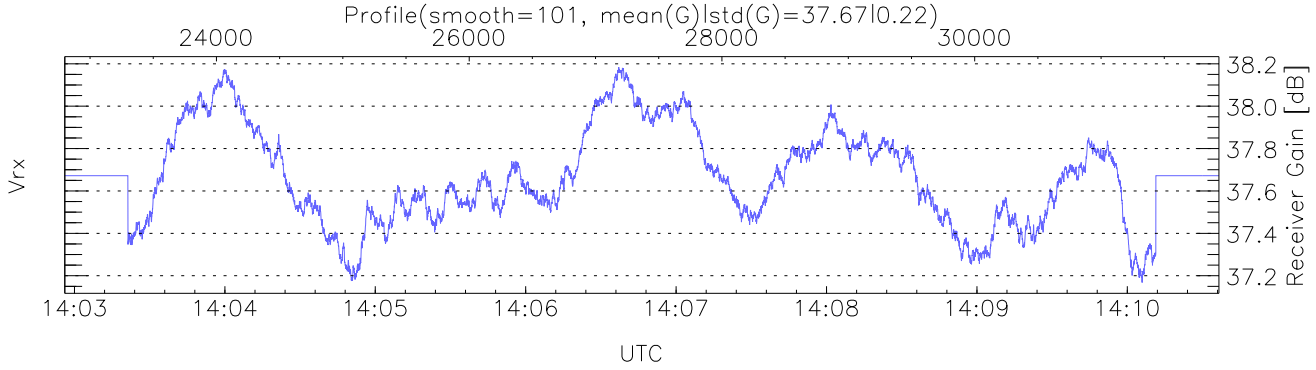
UTC: 13:43:47-14:10:37, Dur: 1609.83s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
NumRec(r/t): 9134/31934, 22800-31933/14:02:56-14:10:37
AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
PRF: 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|sideup|error): 1

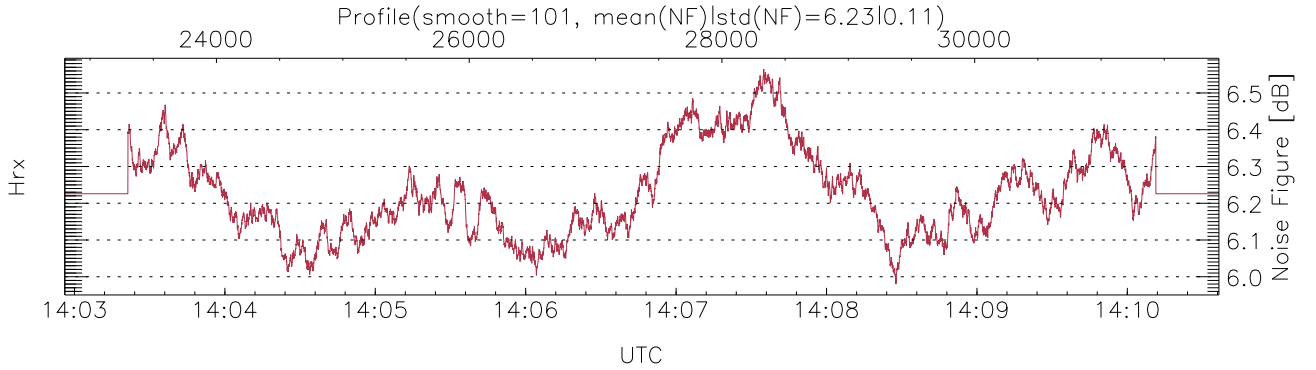


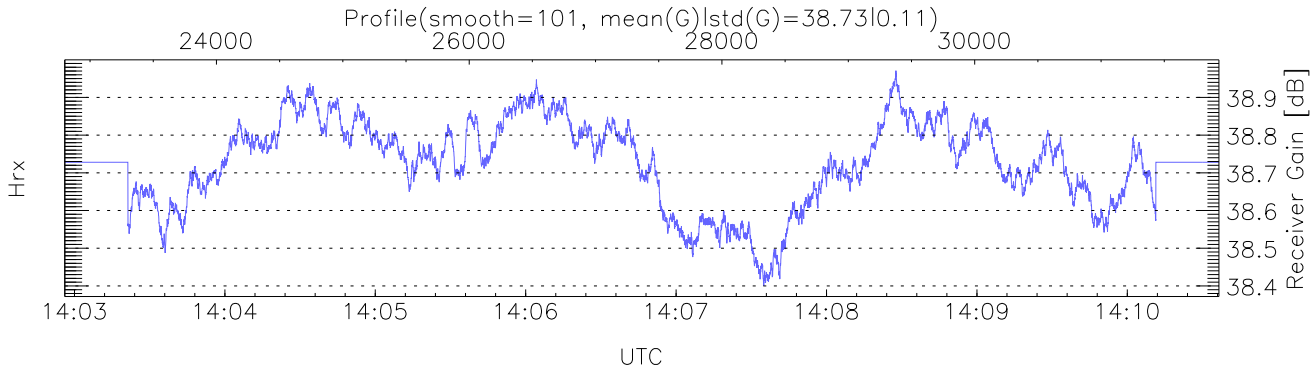
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,18,25,20,24
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,20,26,22,25
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (11,11,11,11,11,6)



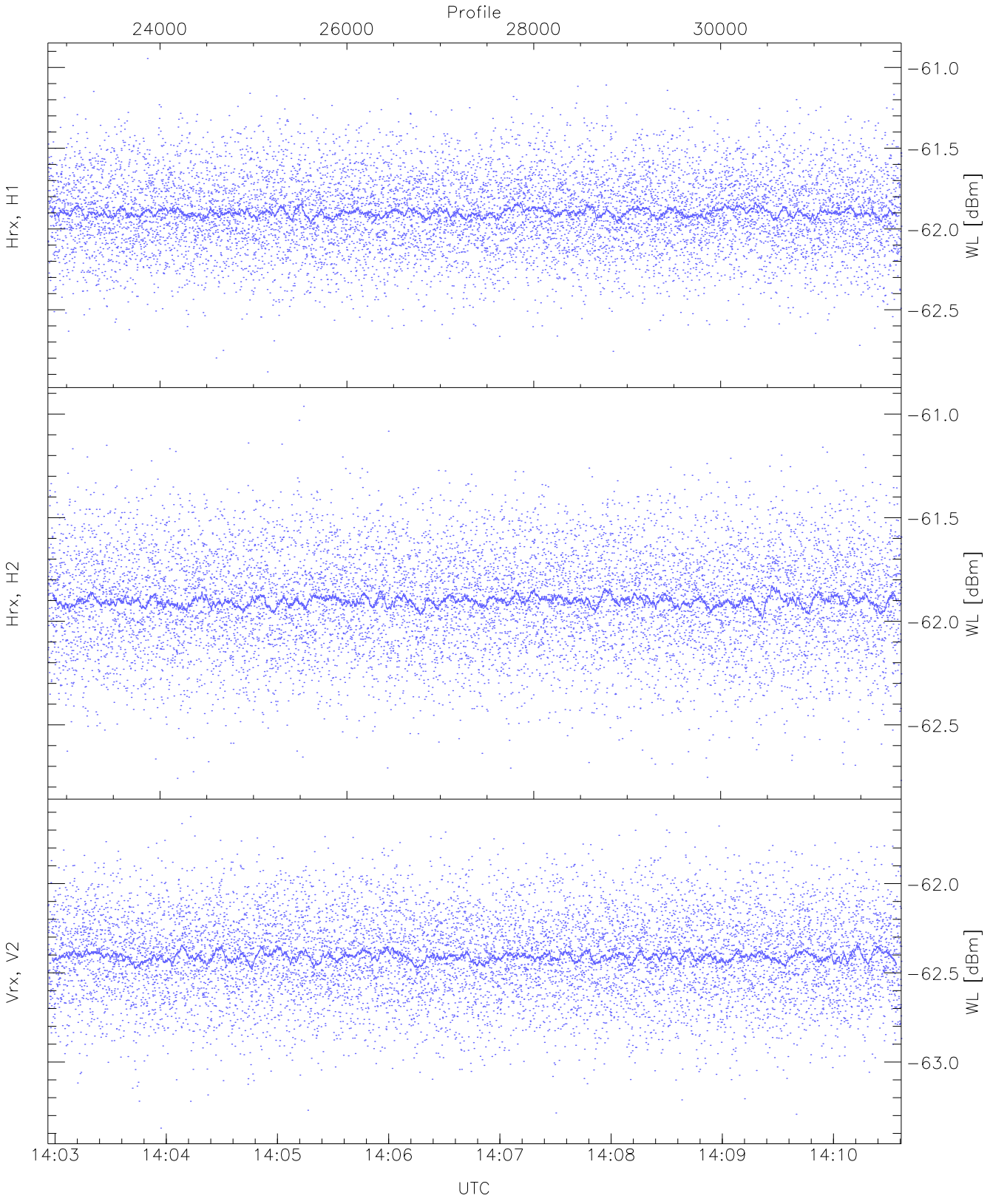






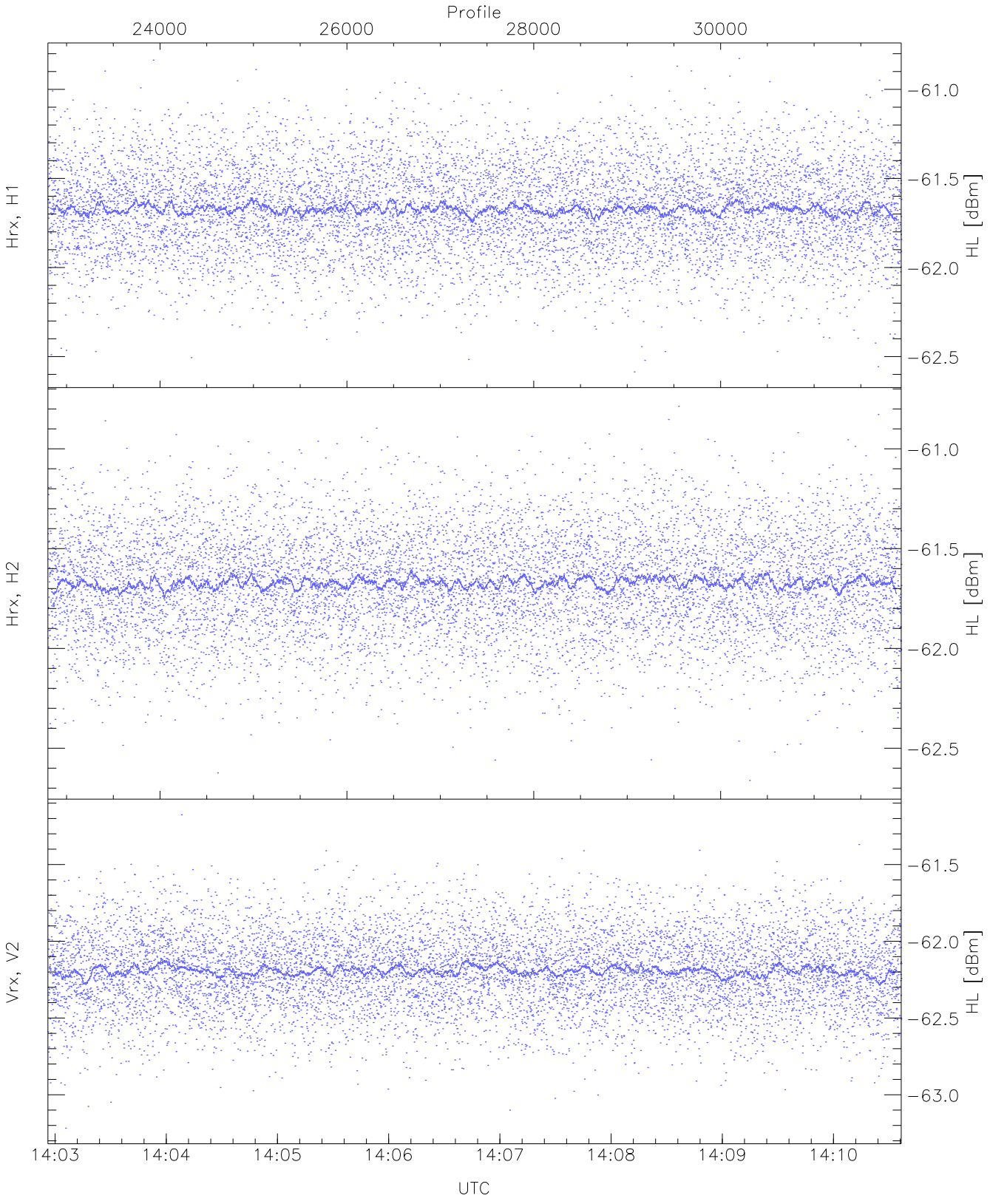
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 473 pixs, 3 gates, 451 profs, 1 prods



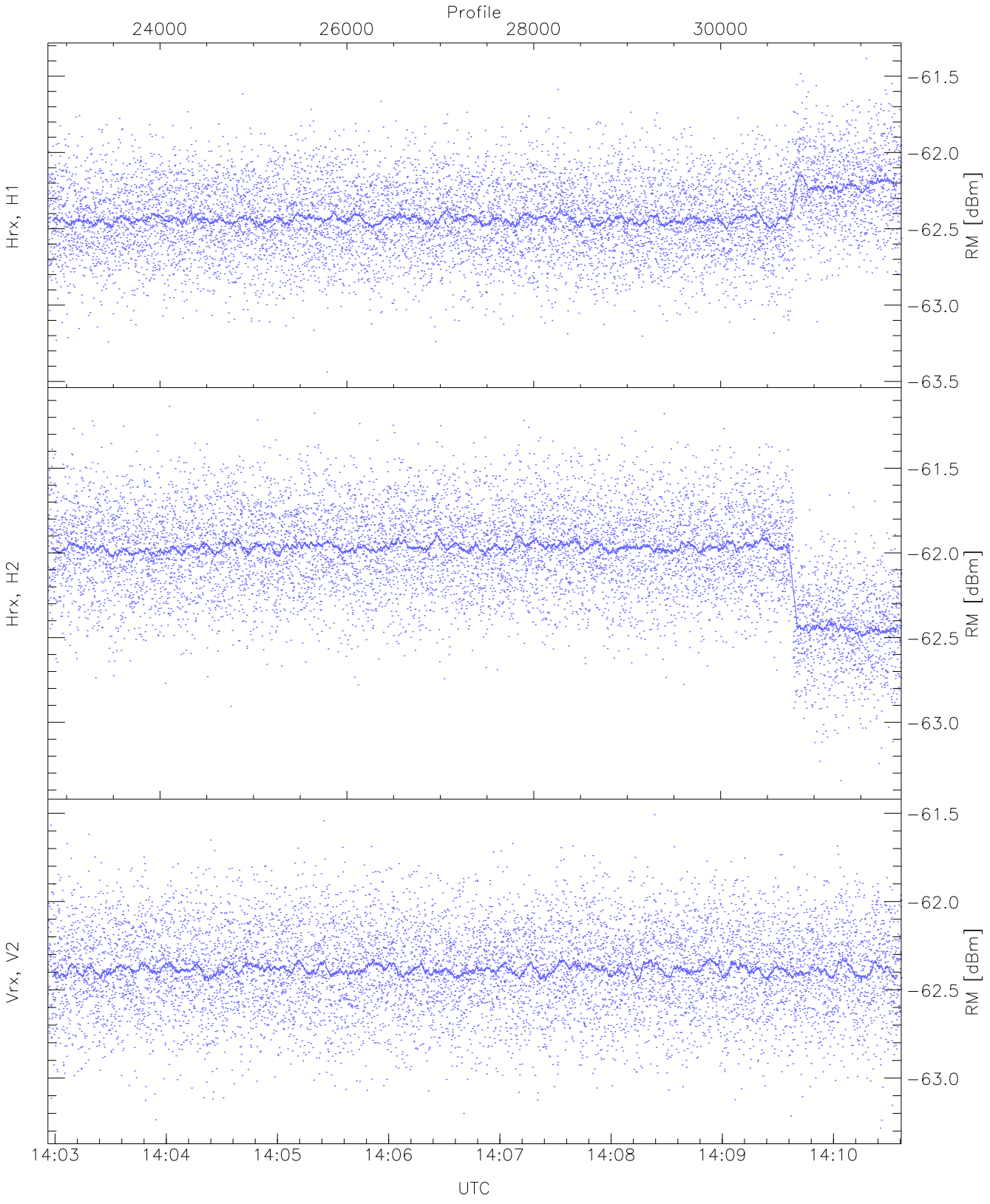
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.88	-60.95	-61.89	-61.90	-74.46
Hrx, H2(WL [dBm])	-62.77	-60.96	-61.90	-61.90	-74.49
Vrx, V2(WL [dBm])	-63.37	-61.61	-62.40	-62.41	-75.03



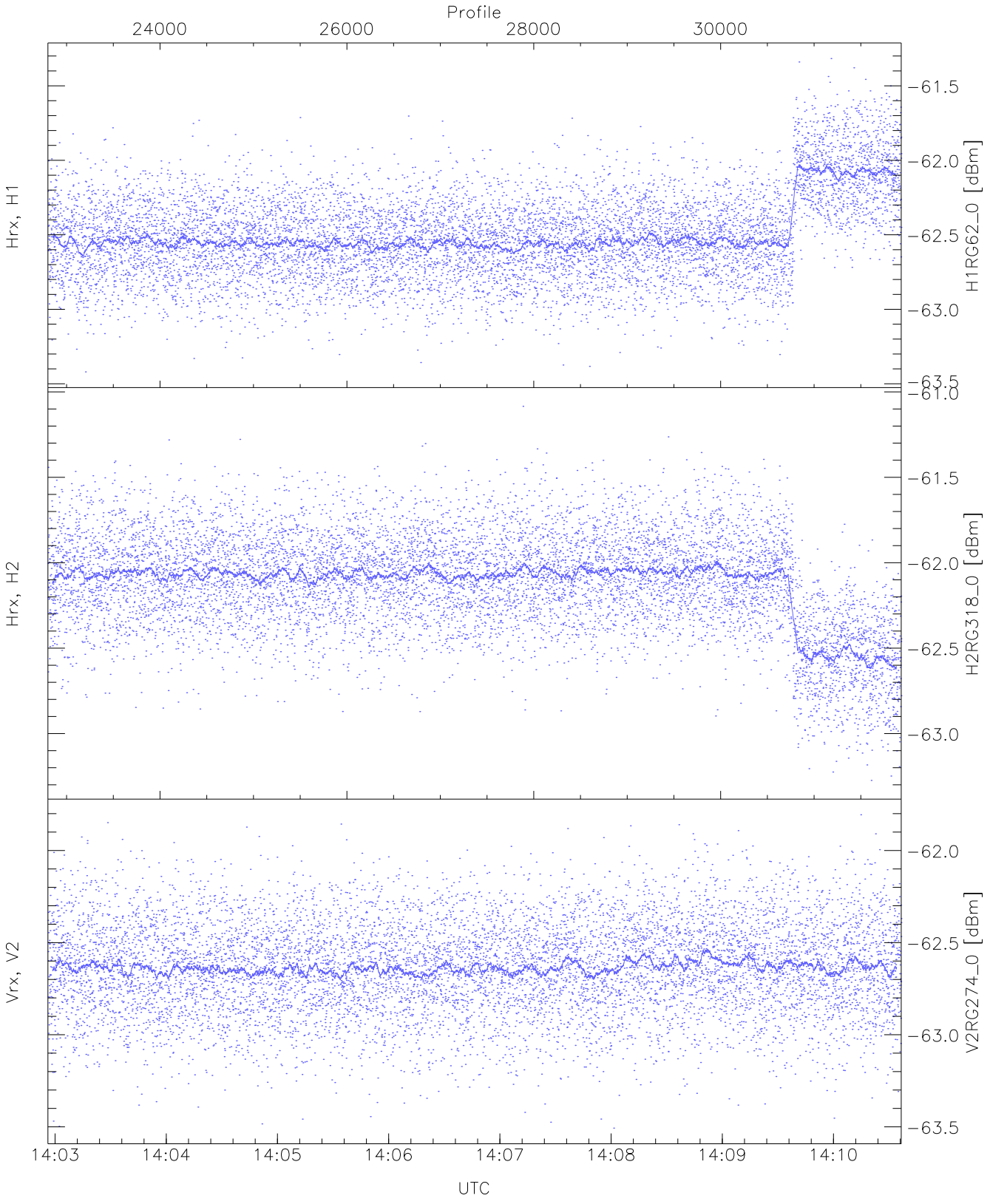
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.59	-60.83	-61.67	-61.67	-74.29
Hrx, H2(HL [dBm])	-62.66	-60.79	-61.67	-61.67	-74.21
Vrx, V2(HL [dBm])	-63.22	-61.18	-62.19	-62.19	-74.80



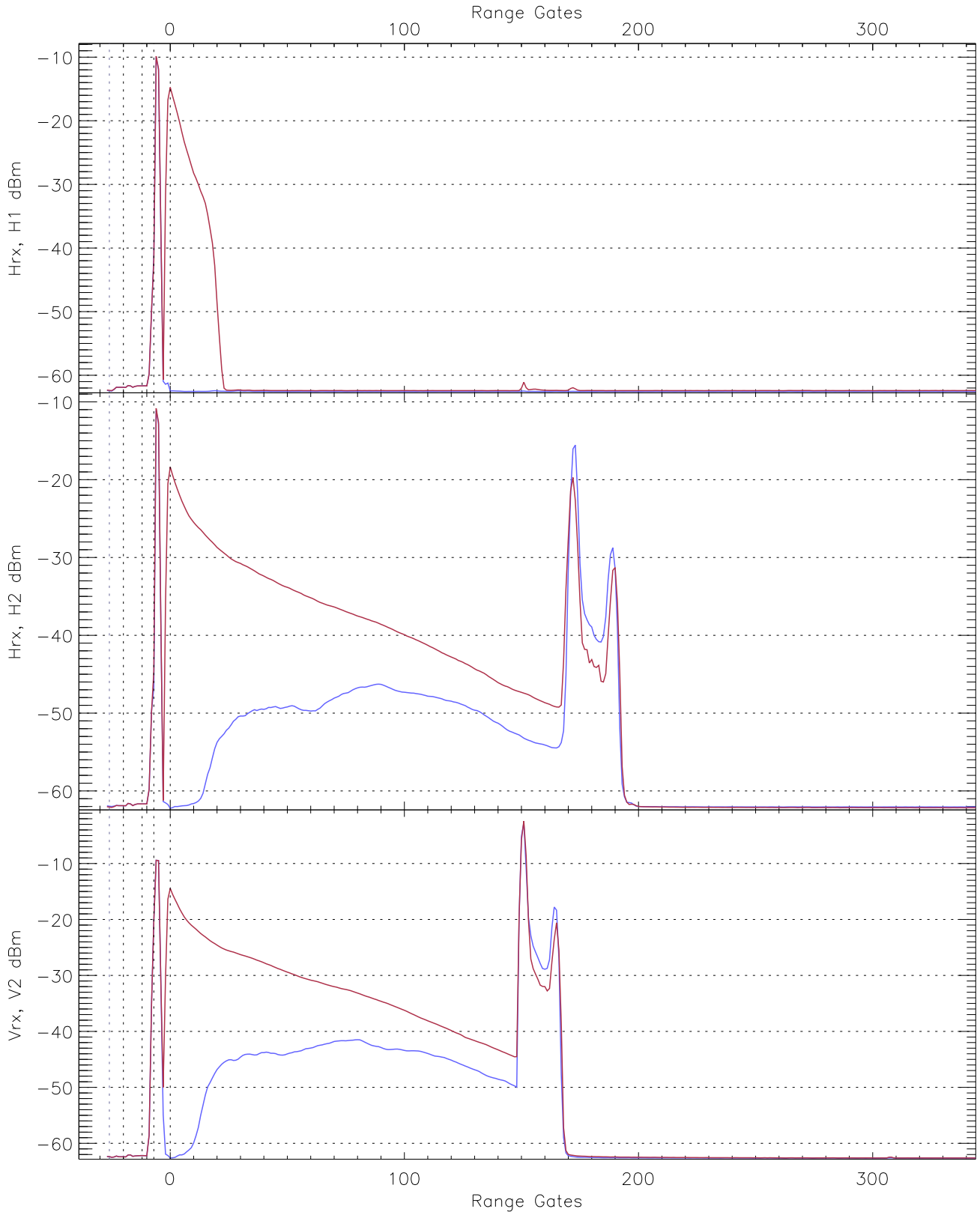
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.44	-61.38	-62.41	-62.42	-74.77
Hrx, H2(RM [dBm])	-63.34	-61.13	-62.02	-62.01	-73.82
Vrx, V2(RM [dBm])	-63.28	-61.51	-62.38	-62.38	-74.95

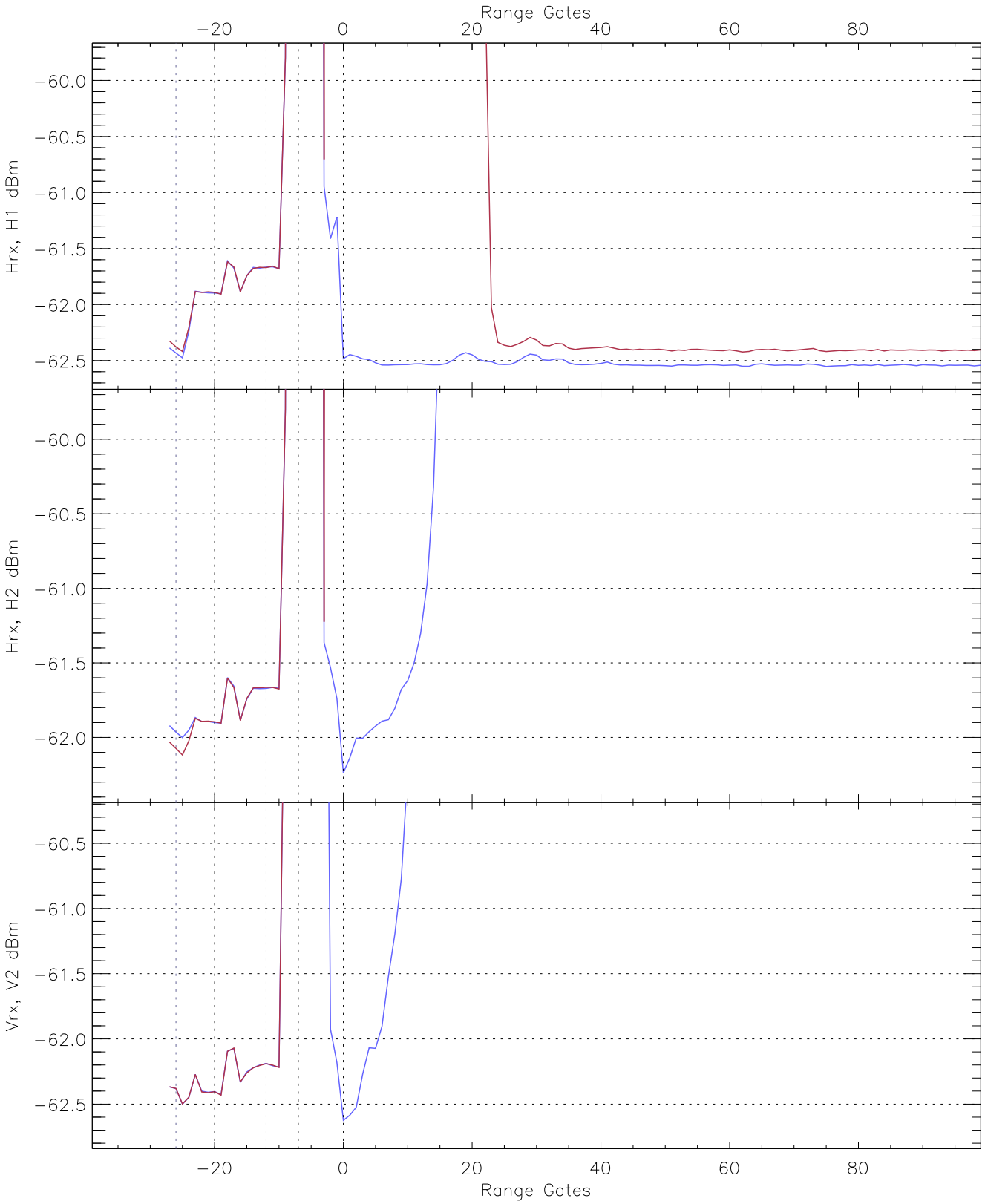


WCR2 CPP "Best" estimate Receivers Noise Power

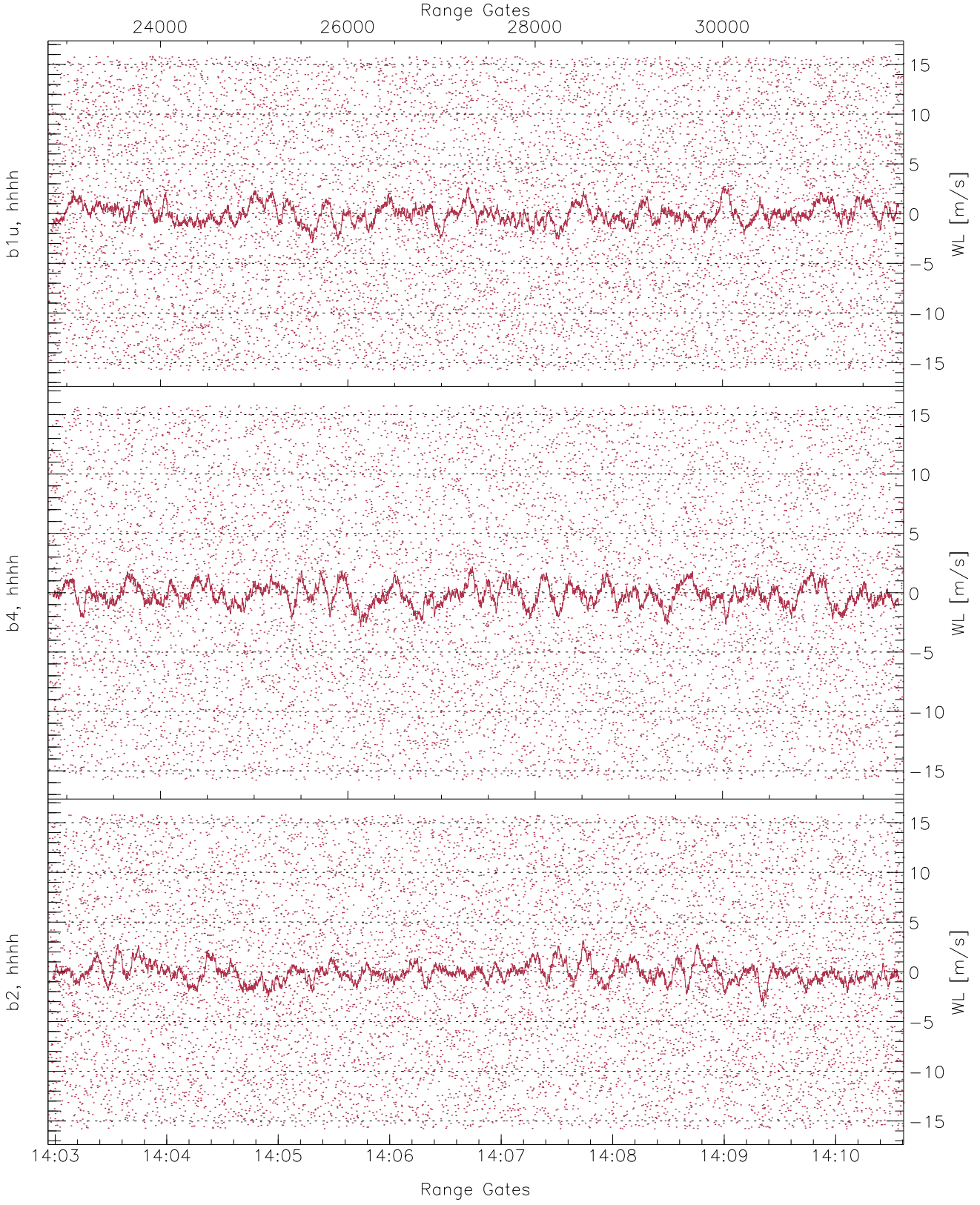
	Min	Max	Mean	Median	StDev
H1RG62_0 [dBm]	-63.42	-61.32	-62.49	-62.51	-74.24
H2RG318_0 [dBm]	-63.27	-61.08	-62.12	-62.10	-73.95
V2RG274_0 [dBm]	-63.51	-61.81	-62.63	-62.63	-75.16



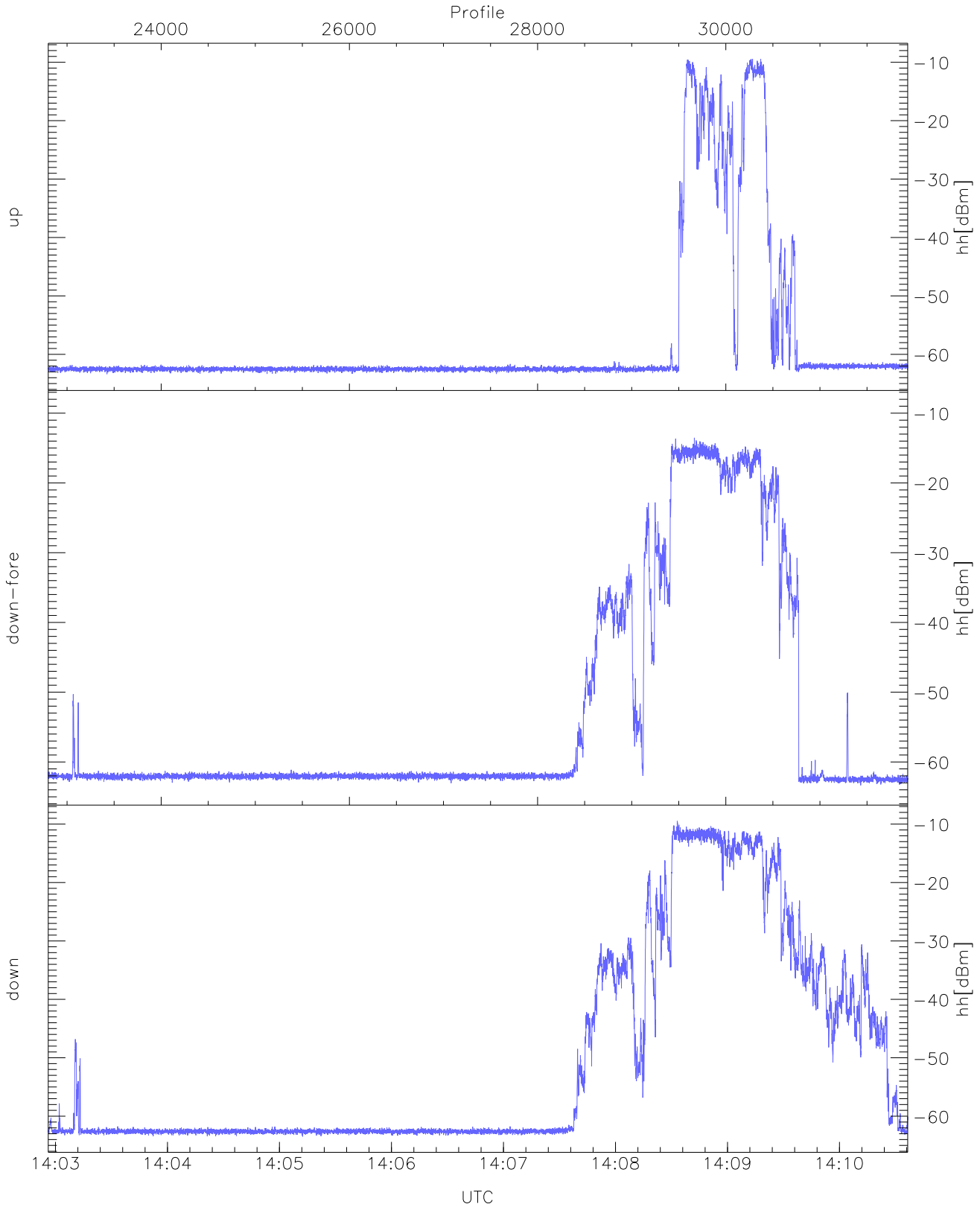
WCR2 CPP Averaged Received power for all recorded gates
blue: 140256-140646, 4568 profiles averaged
red: 140646-141037, 4567 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 140256-140646, 4568 profiles averaged
red: 140646-141037, 4567 profiles averaged

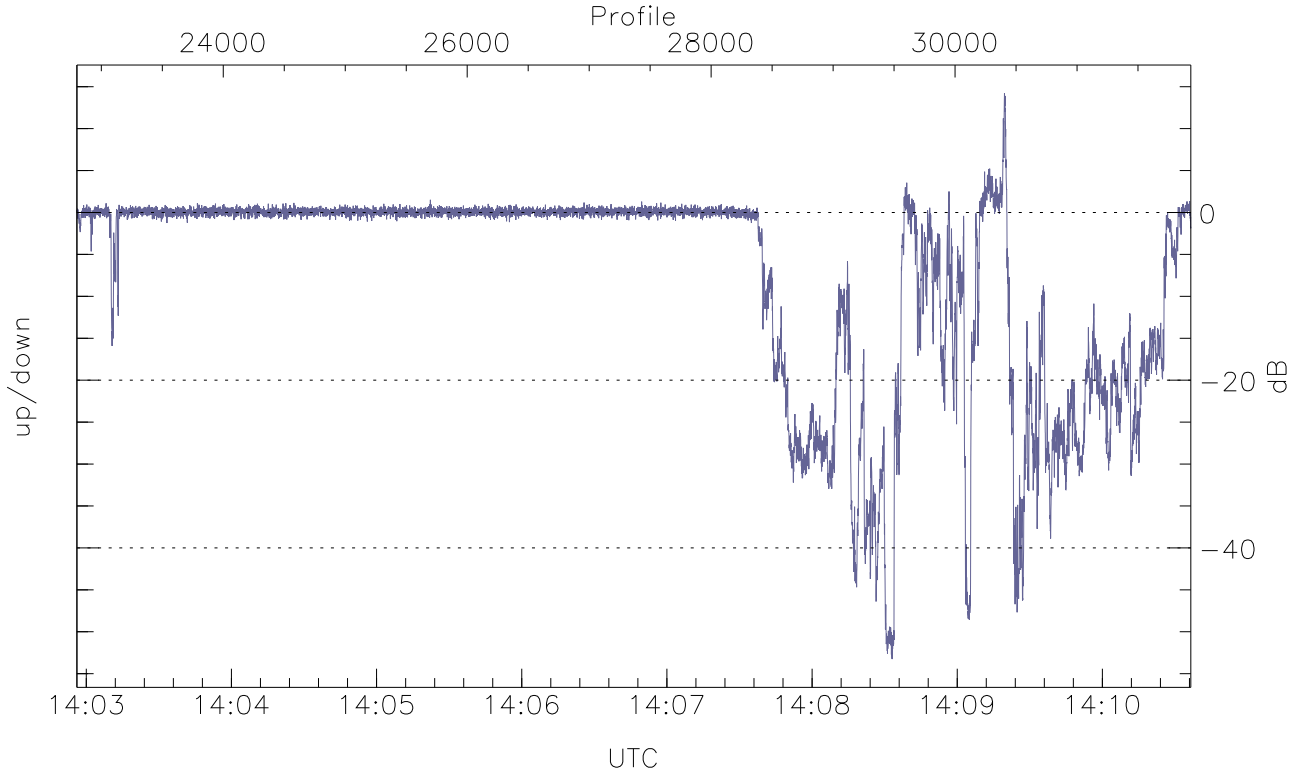


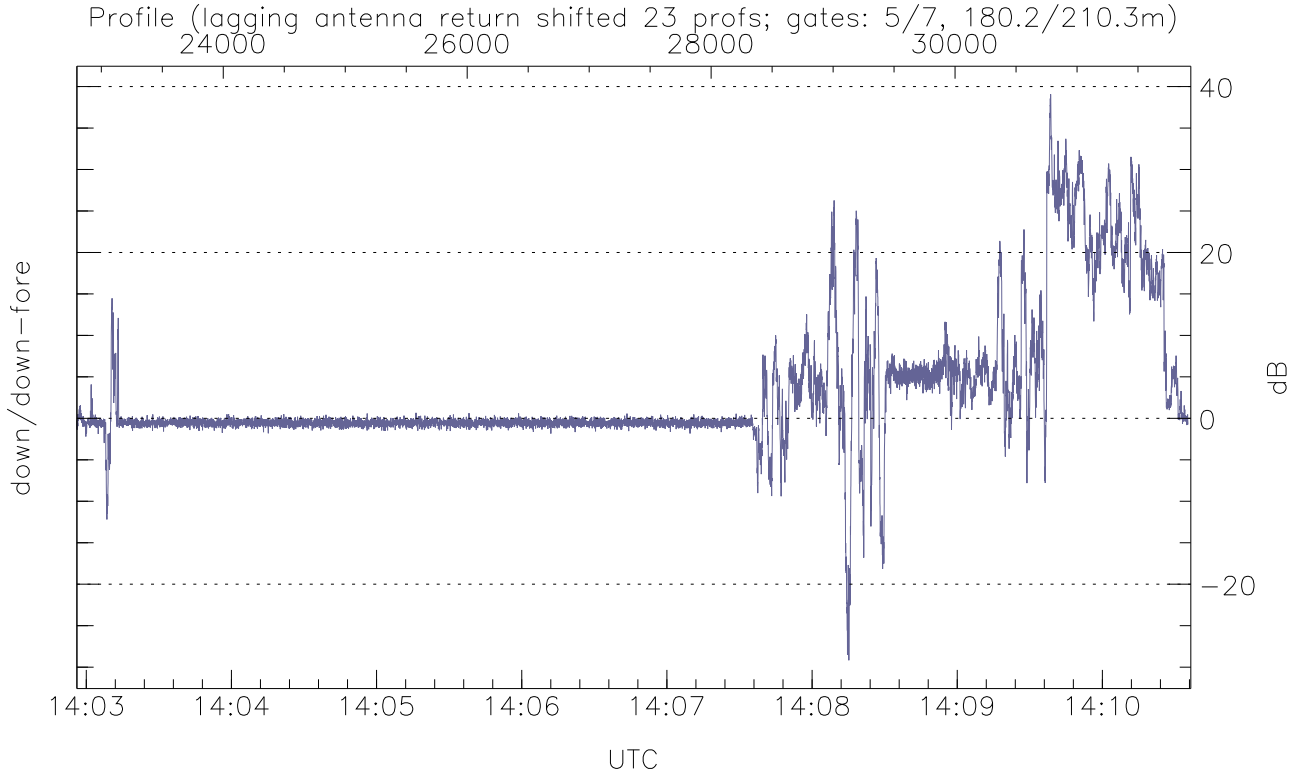
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

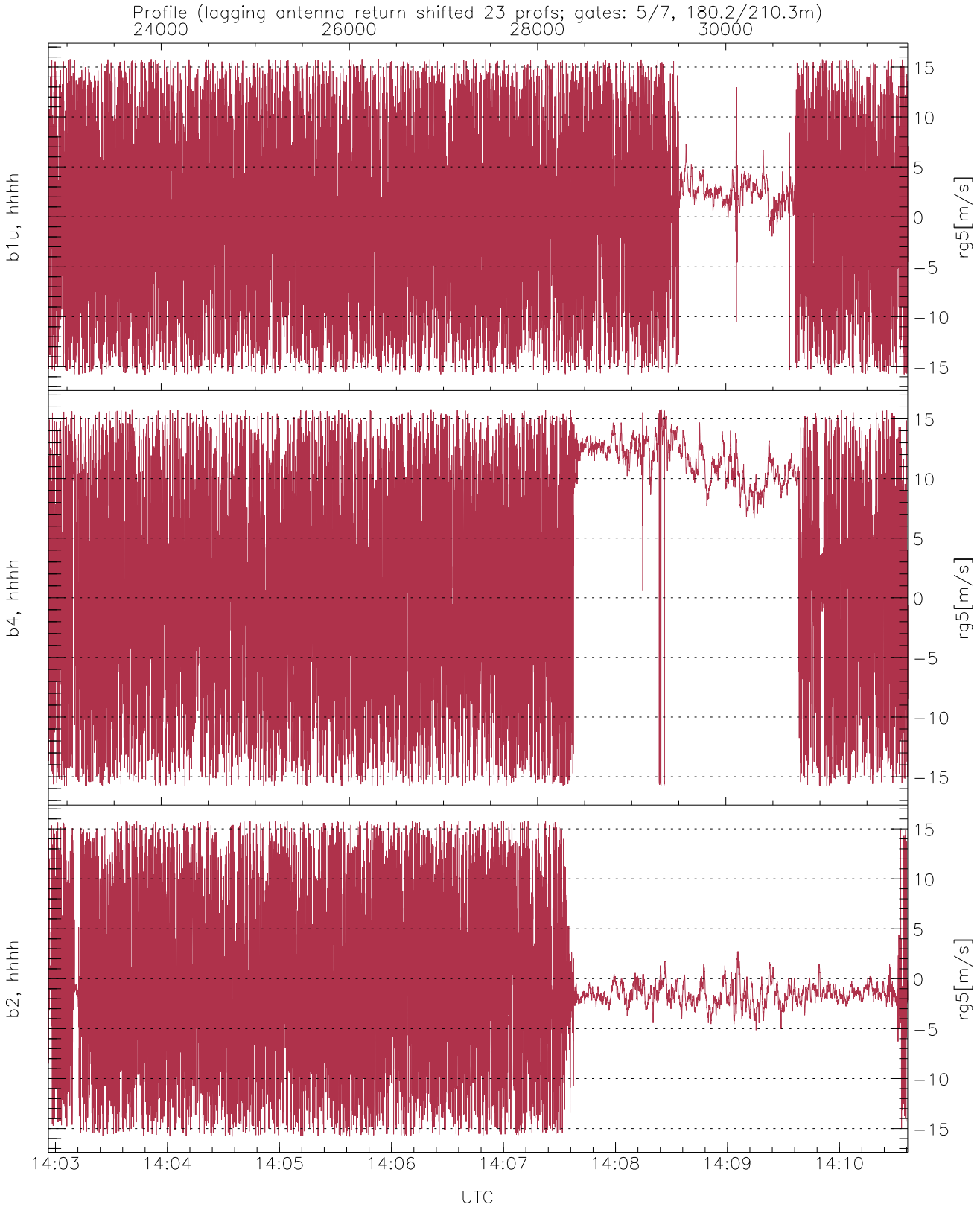
	Min	Max	Mean
up(hh[dBm])	-63.38	-9.45	-24.83
down-fore(hh[dBm])	-63.35	-13.52	-25.77
down(hh[dBm])	-63.48	-9.47	-21.85





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

	Min	Max	Mean
up/down(dB)	-53.26	14.21	-7.45
down/down-fore(dB)	-29.17	39.04	3.28



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.79	15.80	0.11	8.48
b4, hhhh(rg5[m/s])	-15.80	15.80	2.95	9.27
b2, hhhh(rg5[m/s])	-15.80	15.80	-0.92	7.06