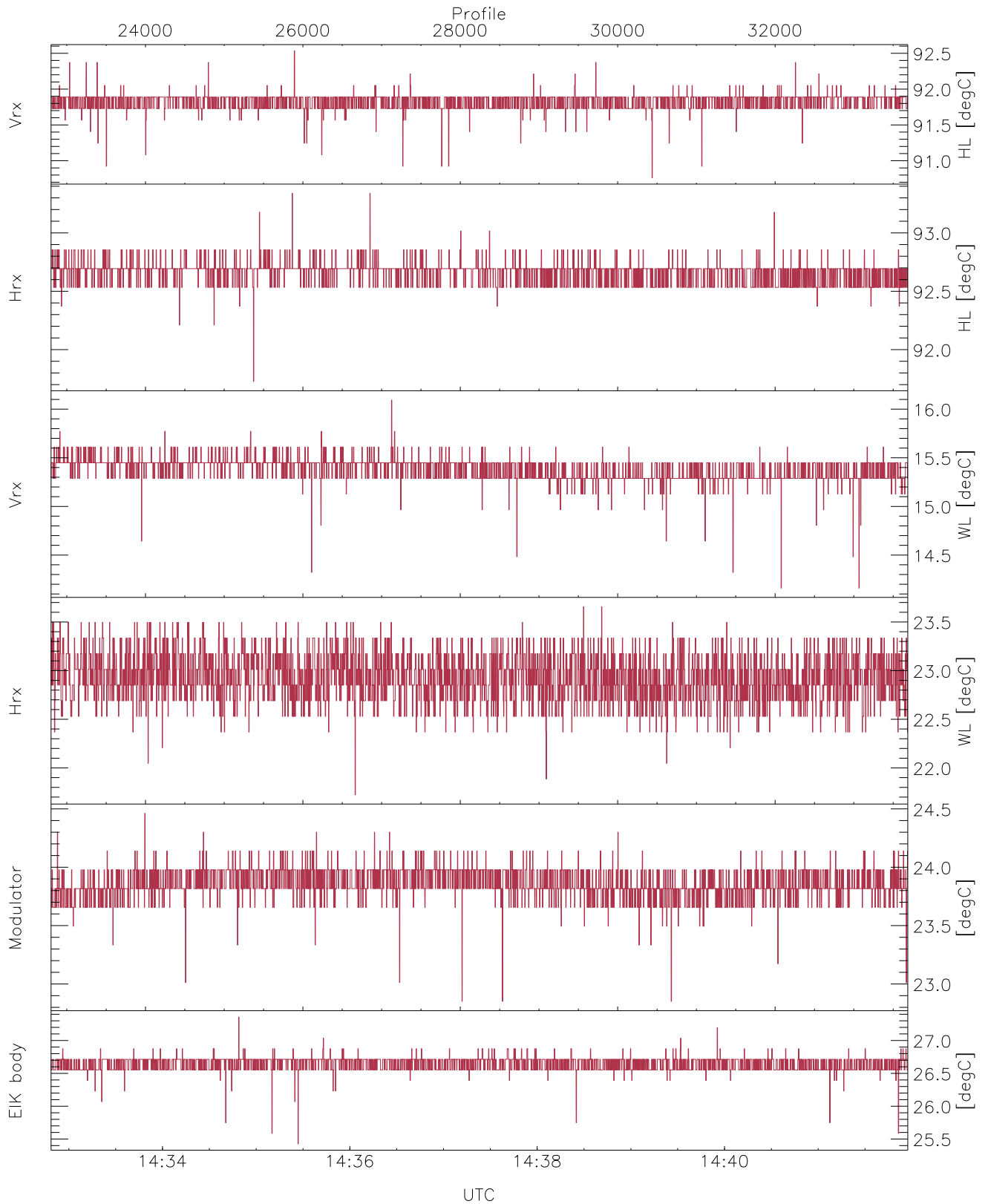


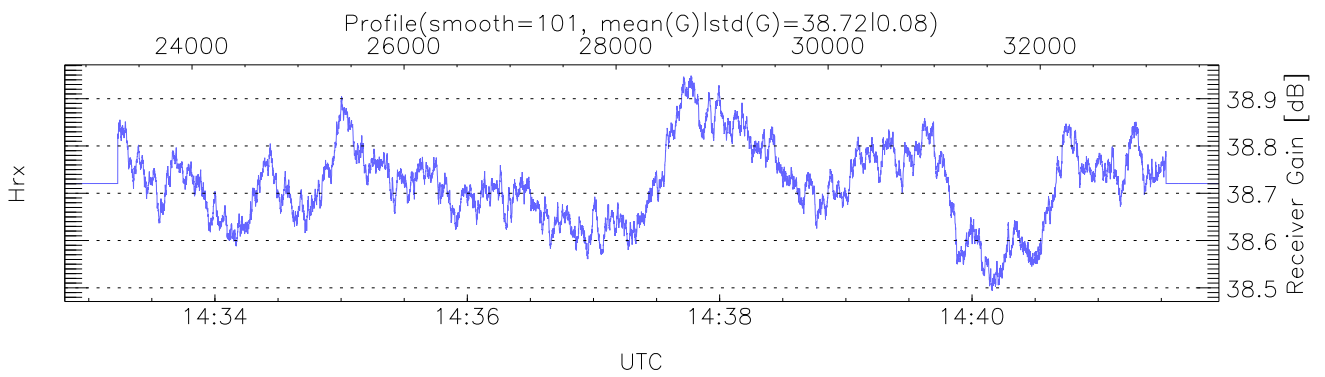
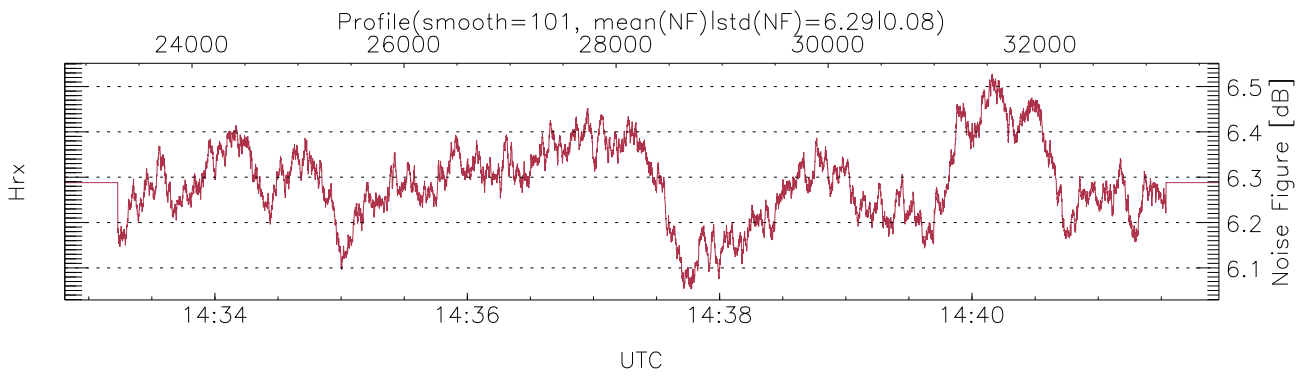
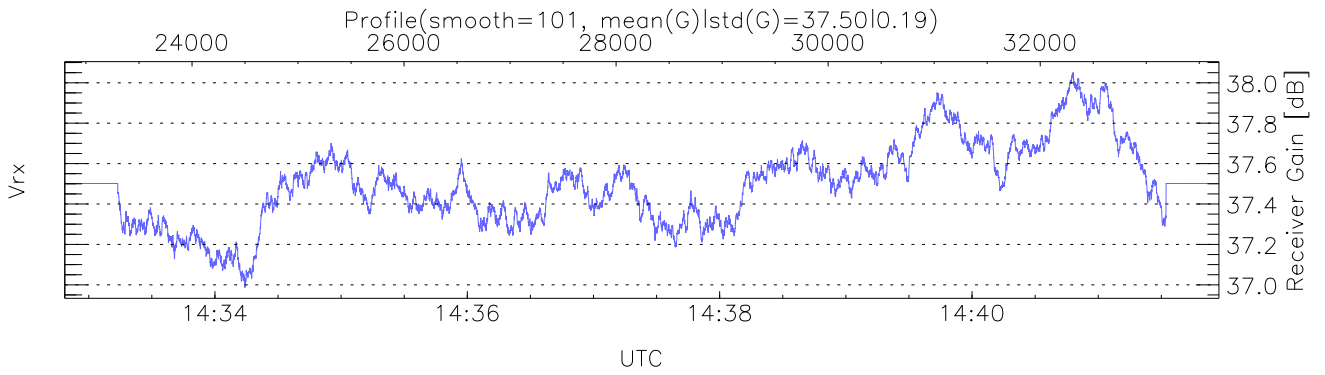
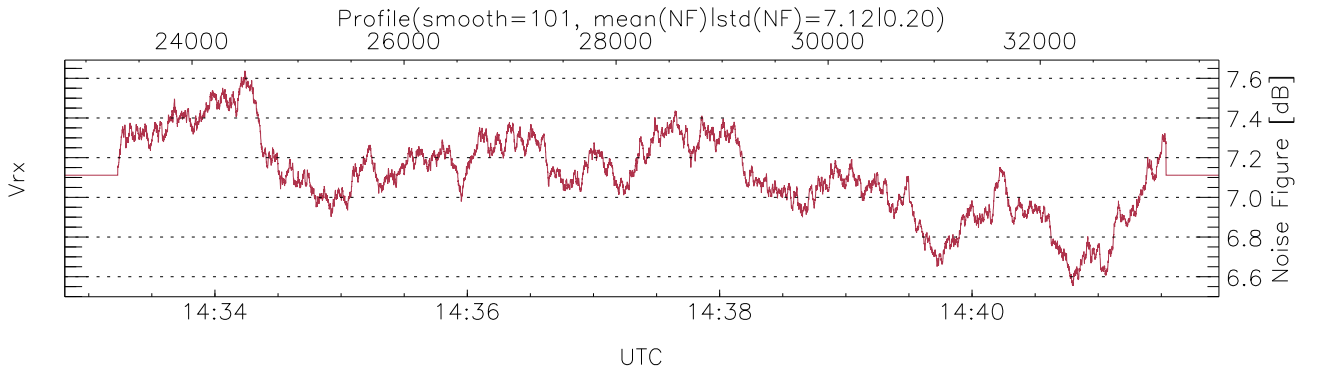
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 14:13:39-14:41:57, Dur: 1698.20s
 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): 10887/33687, 22800-33686/14:32:49-14:41:57
 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,rqs): 105,5271,15.0 m, Gates: 345, Aspect: 3.3
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



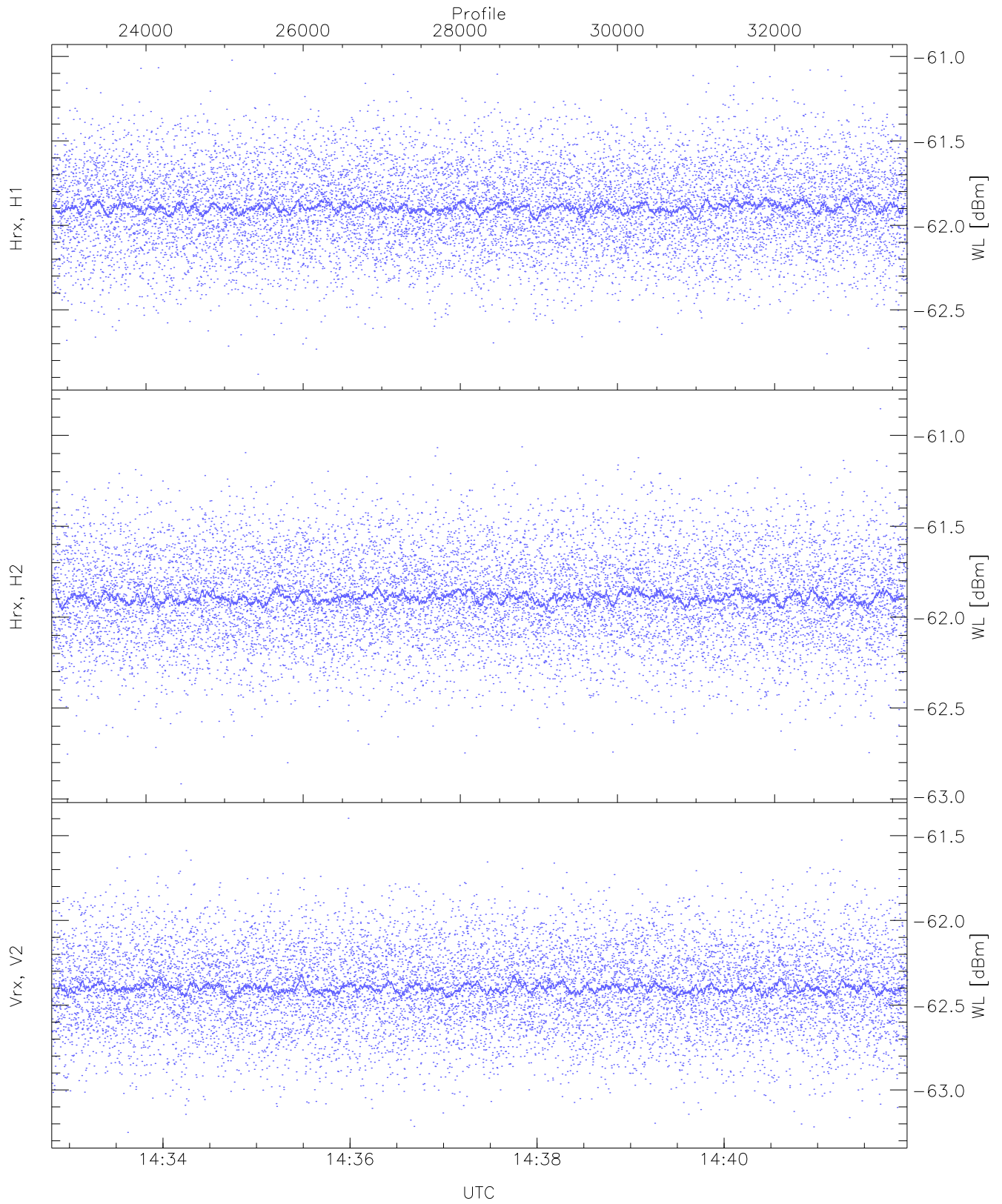
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

```
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,14,21,22,25
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,16,23,24,27
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
HVPS (5)
```



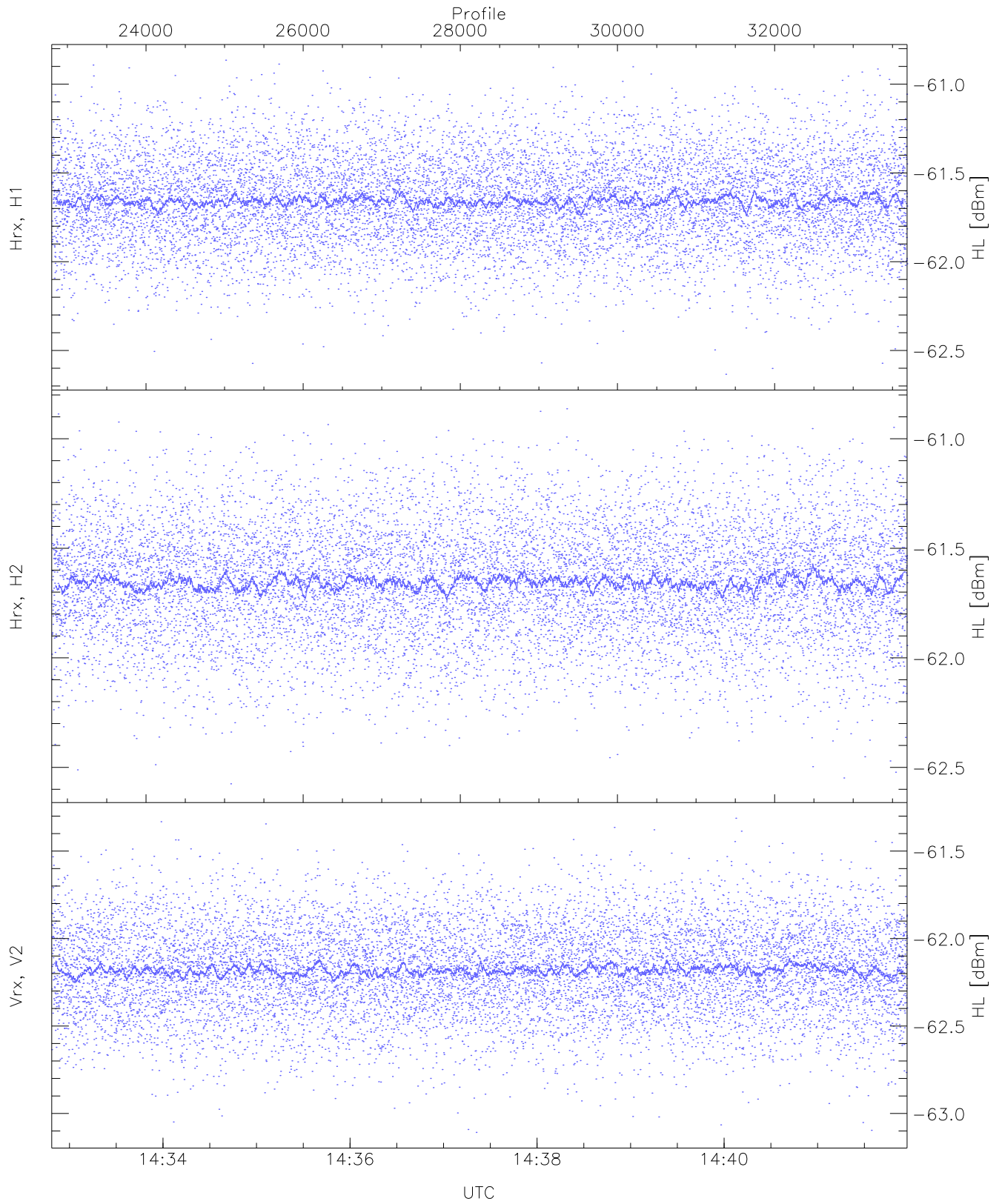
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 5335 pixs, 38 gates, 5172 profs, 2 prods



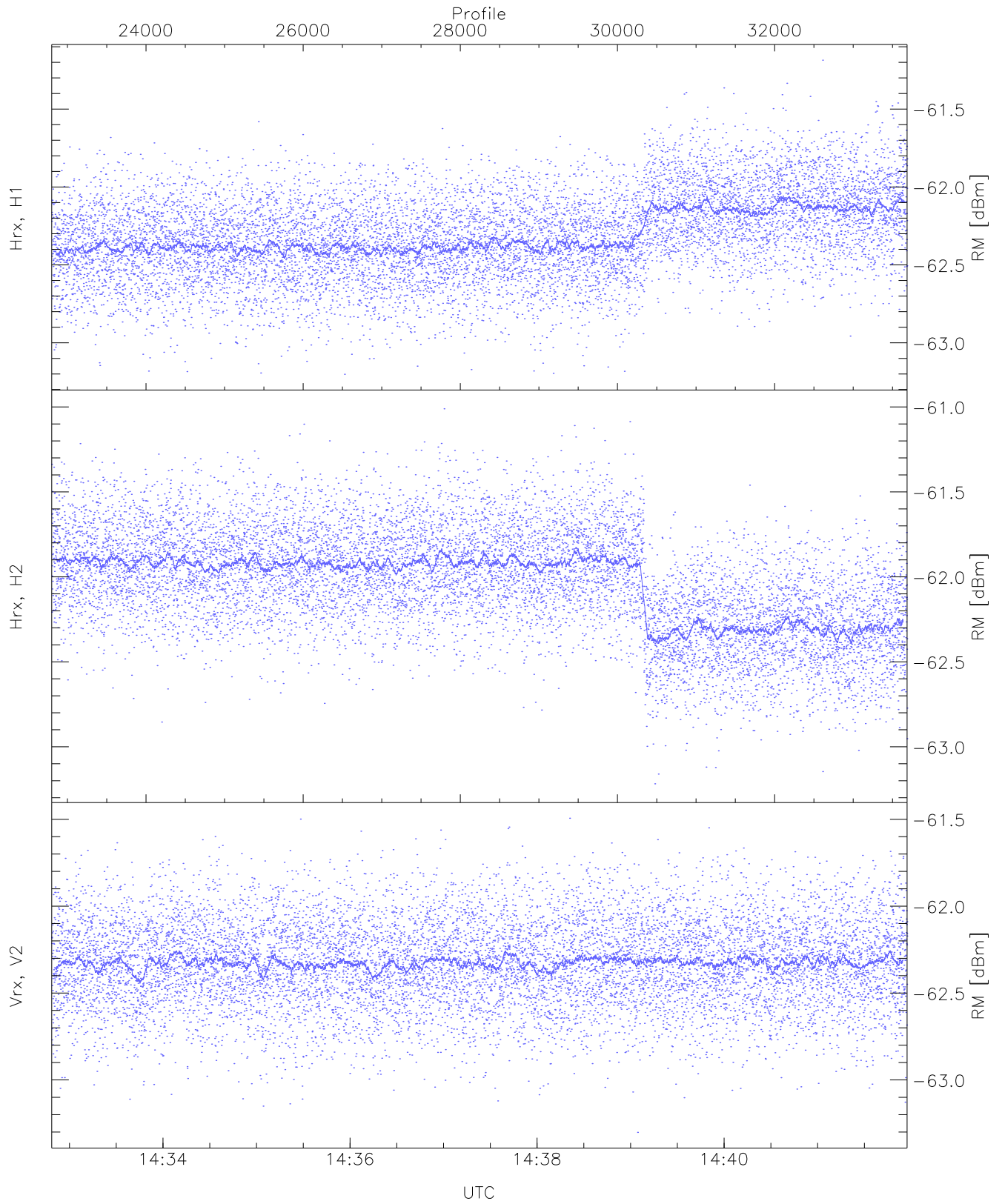
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-62.88	-61.02	-61.89	-61.89	-74.46
Hrx, H2 (WL [dBm])	-62.92	-60.85	-61.89	-61.90	-74.43
Vrx, V2 (WL [dBm])	-63.25	-61.40	-62.40	-62.40	-75.00



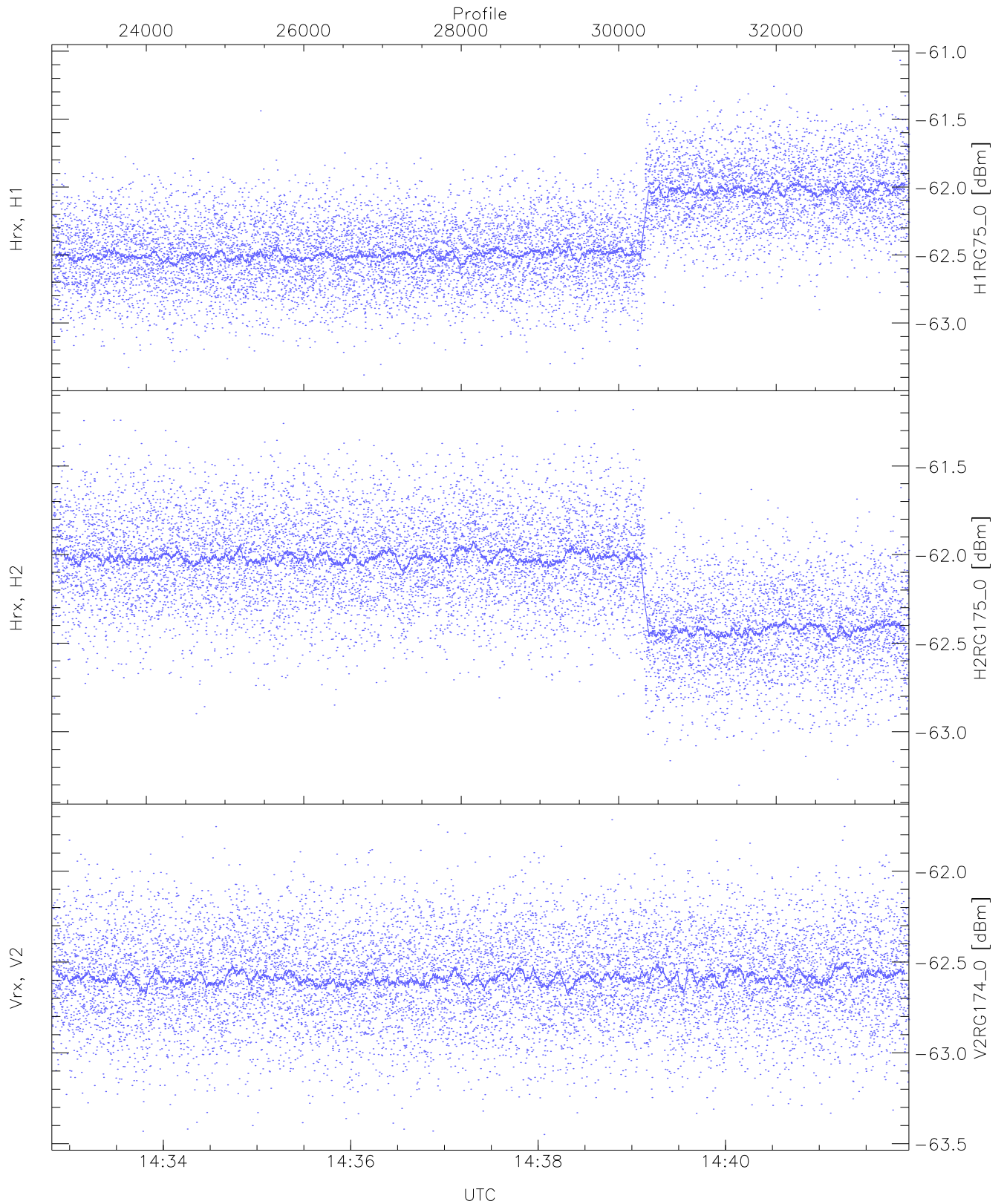
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.63	-60.87	-61.65	-61.66	-74.22
Hrx, H2 (HL [dBm])	-62.58	-60.86	-61.65	-61.65	-74.19
Vrx, V2 (HL [dBm])	-63.11	-61.31	-62.18	-62.18	-74.69



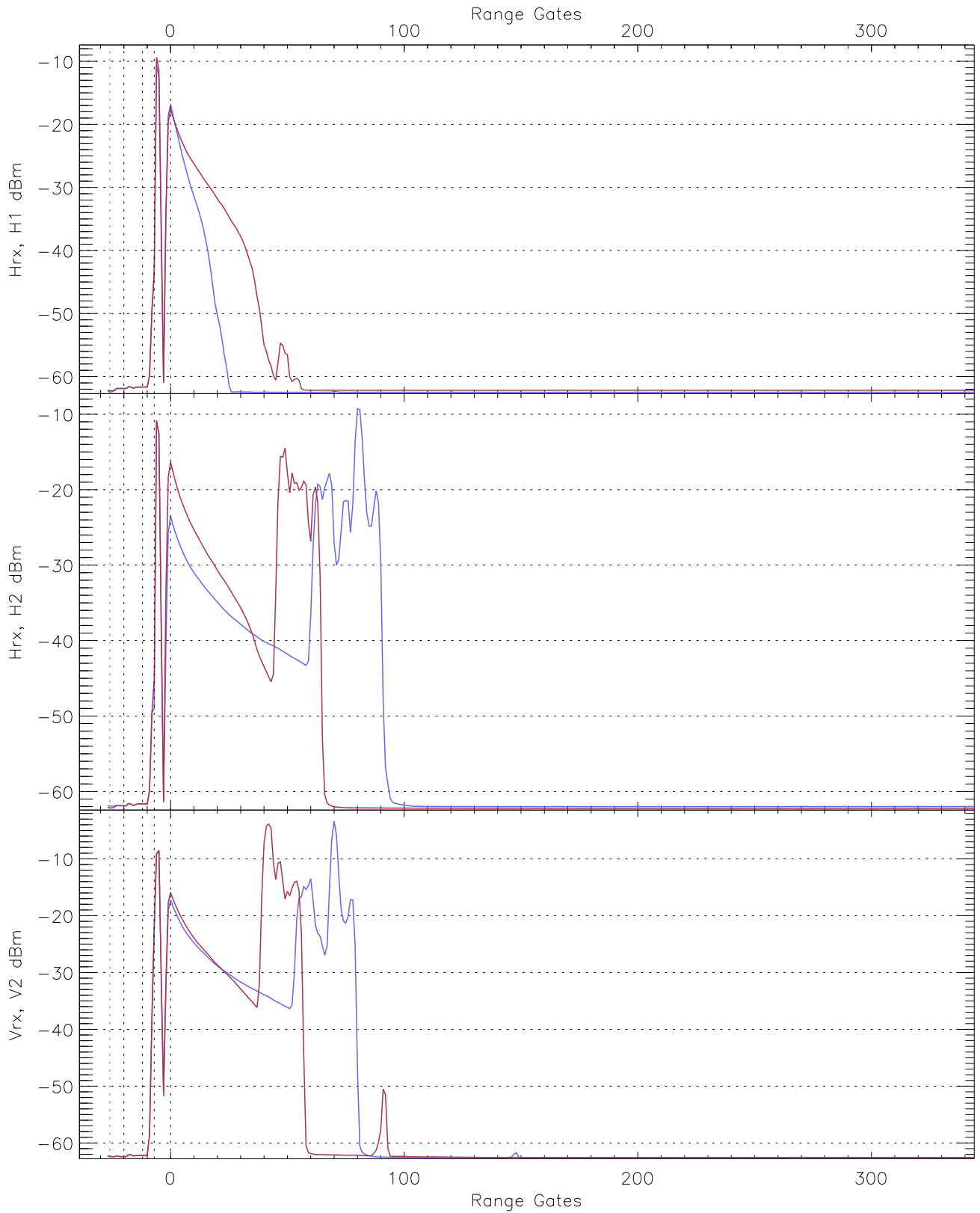
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.20	-61.19	-62.30	-62.31	-74.44
Hrx, H2 (RM [dBm])	-63.22	-61.01	-62.03	-62.02	-73.61
Vrx, V2 (RM [dBm])	-63.30	-61.49	-62.32	-62.33	-74.88

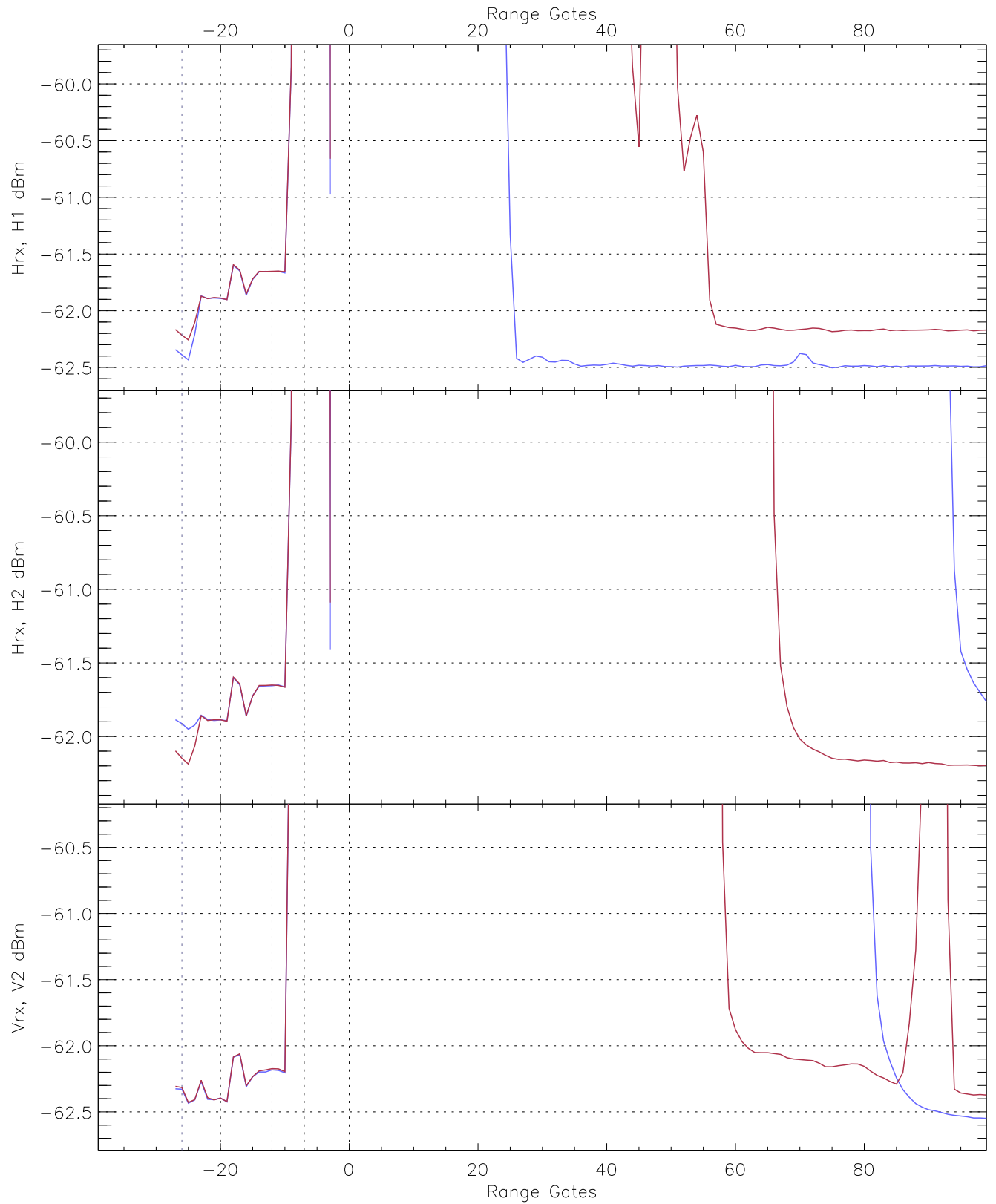


WCR2 CPP "Best" estimate Receivers Noise Power

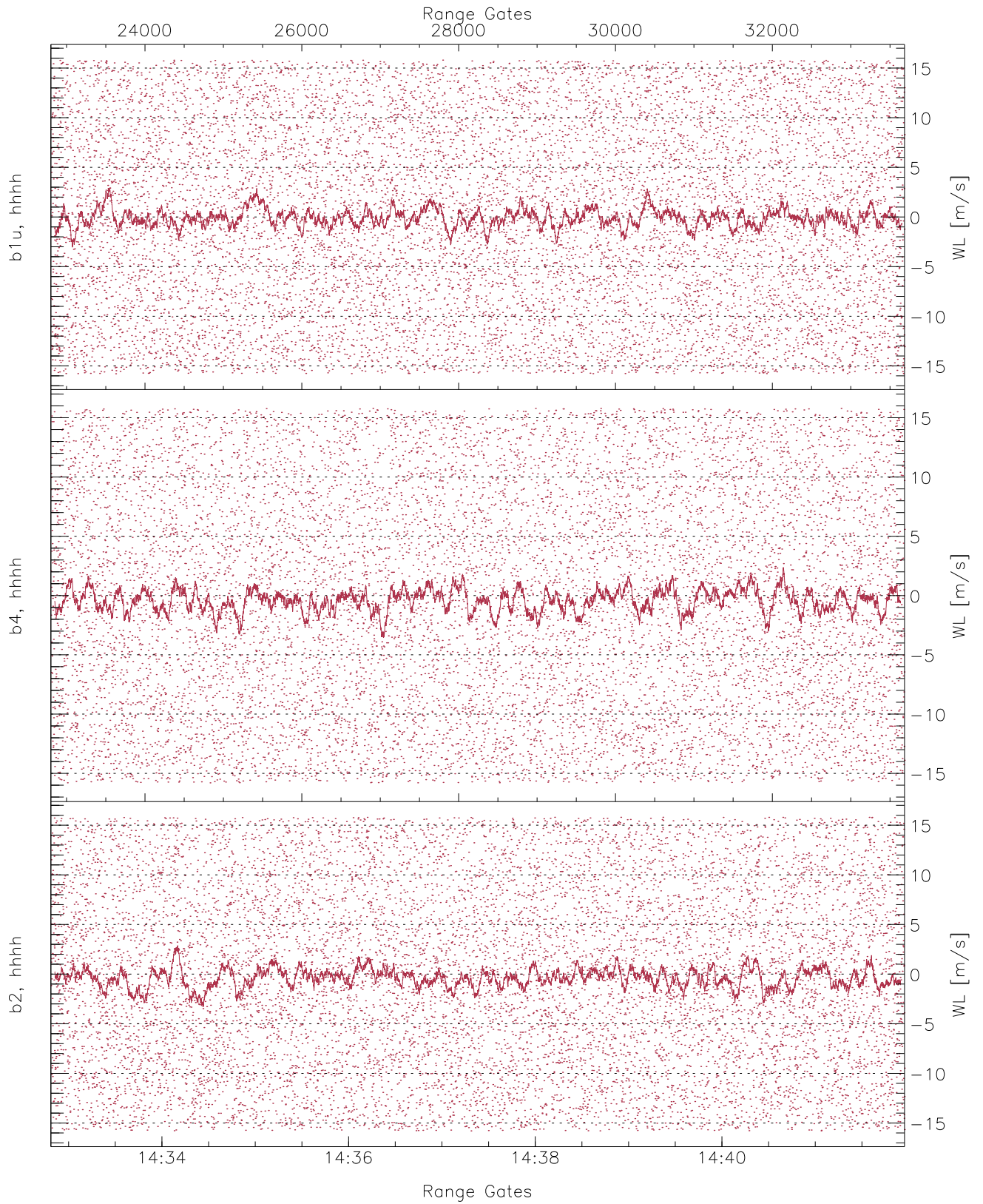
	Min	Max	Mean	Median	StDev
H1RG75_0 [dBm]	-63.38	-61.07	-62.34	-62.38	-73.48
H2RG175_0 [dBm]	-63.30	-61.18	-62.13	-62.13	-73.71
V2RG174_0 [dBm]	-63.45	-61.72	-62.58	-62.59	-75.14



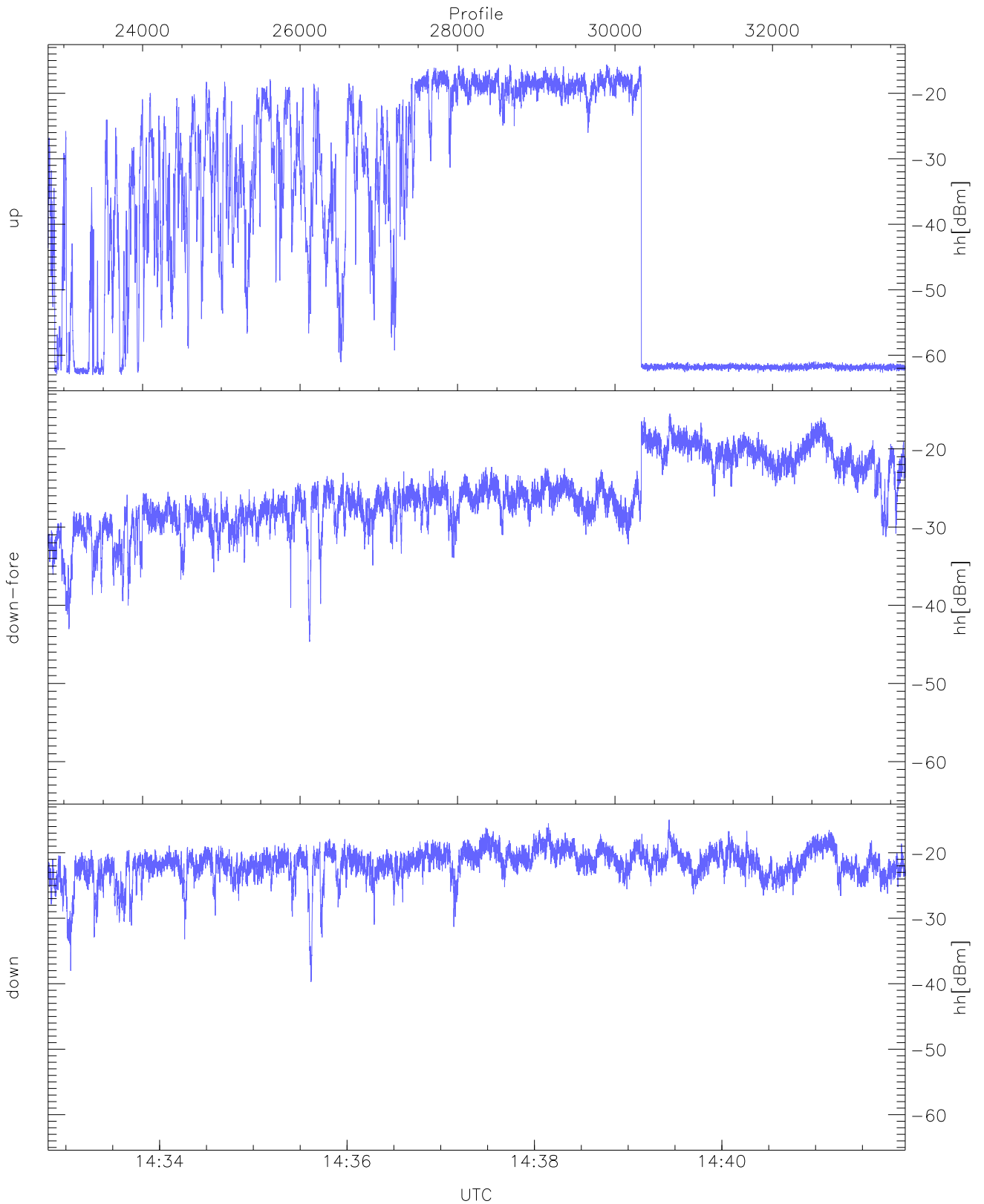
WCR2 CPP Averaged Received power for all recorded gates
blue: 143249-143723, 5444 profiles averaged
red: 143723-144157, 5444 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 143249-143723, 5444 profiles averaged
red: 143723-144157, 5444 profiles averaged

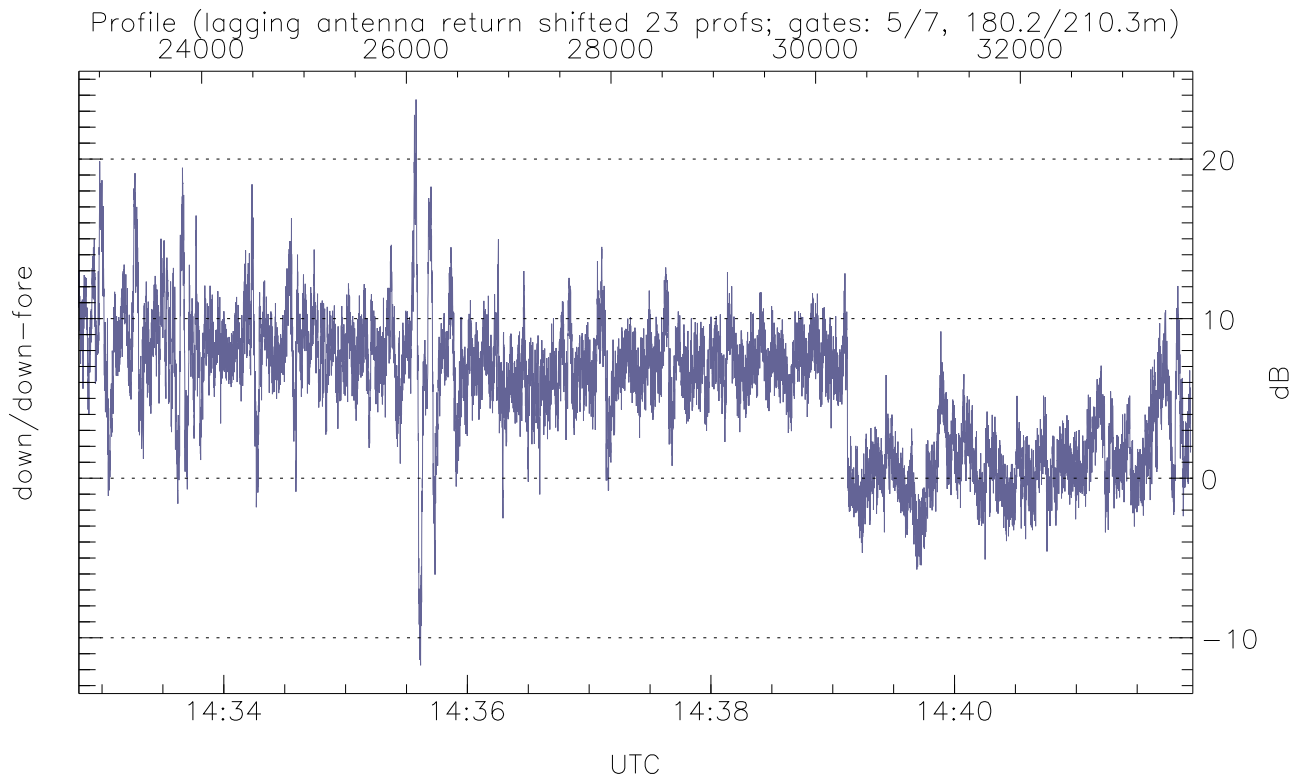
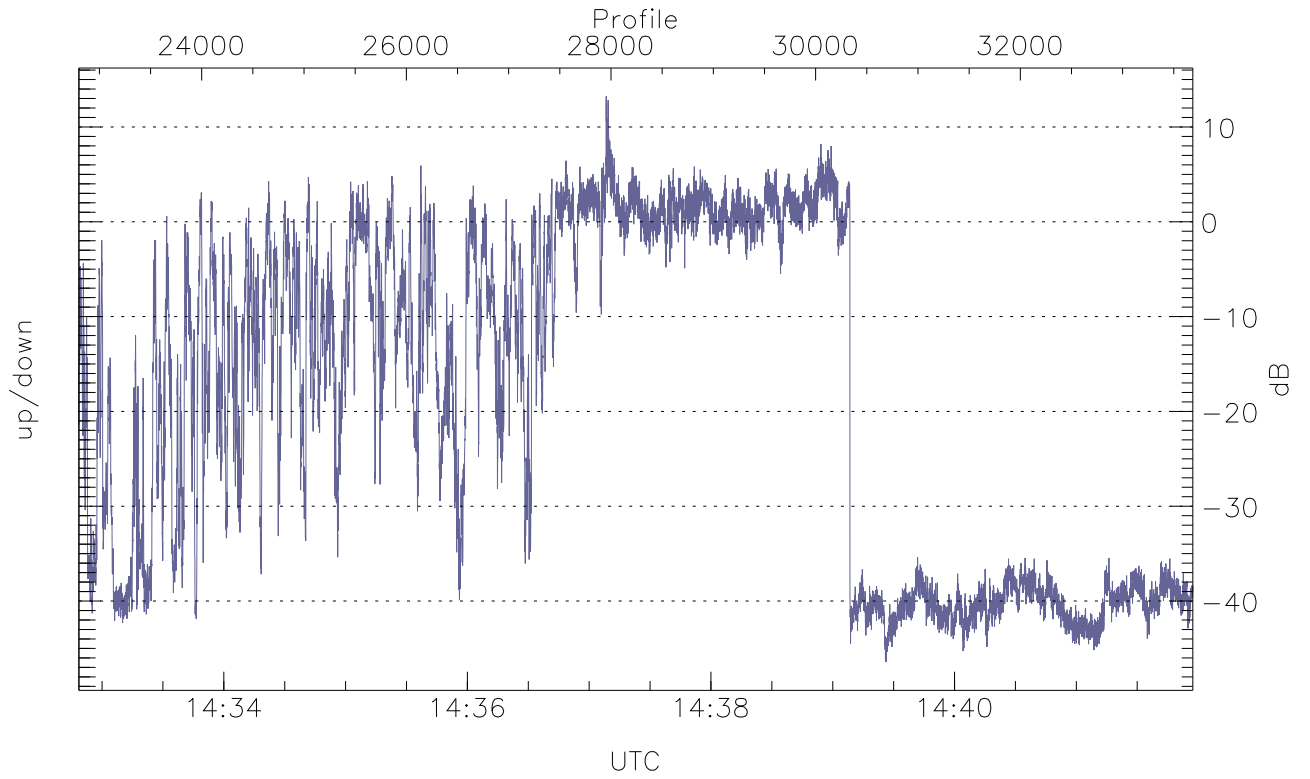


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



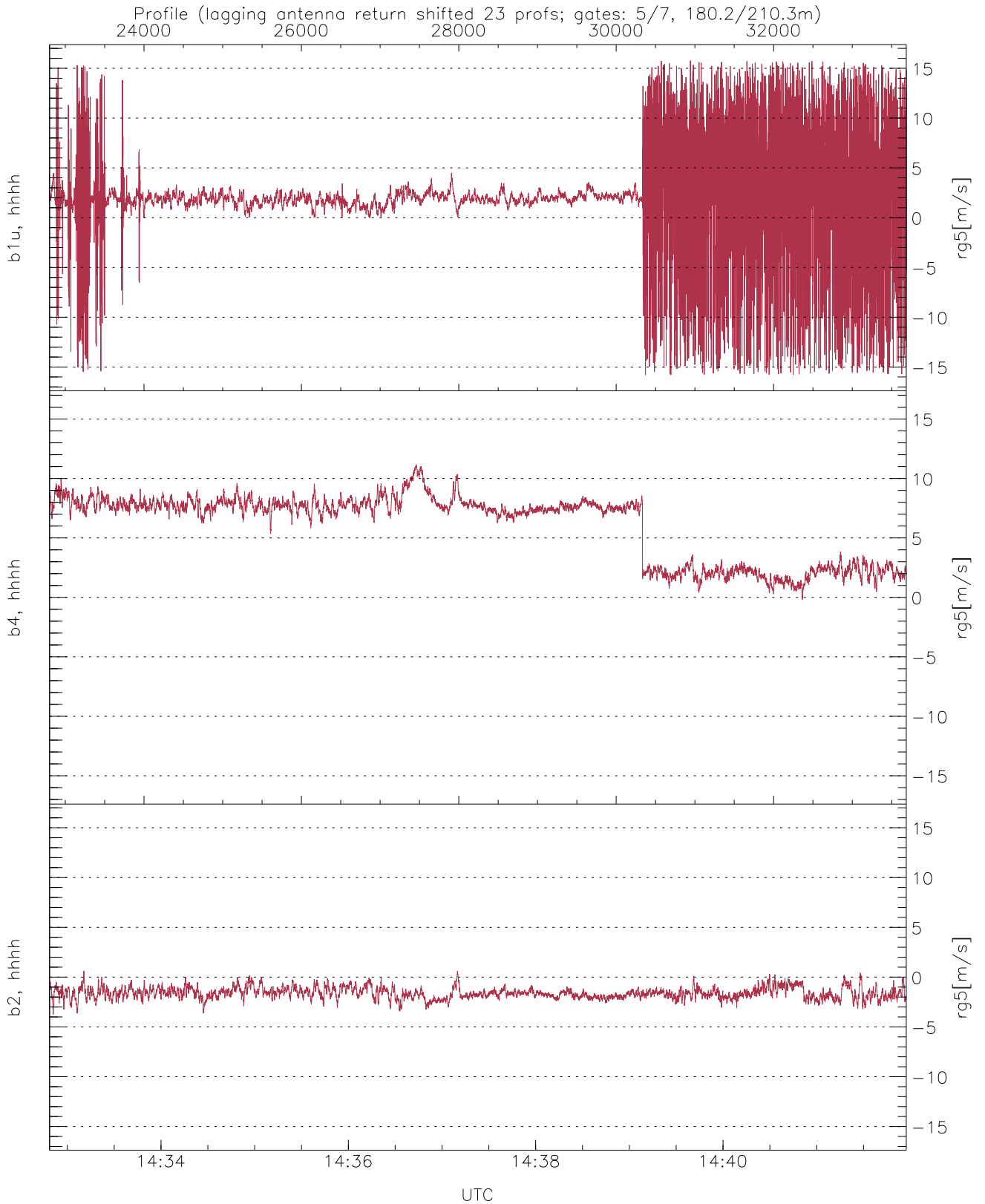
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.02	-15.60	-23.76
down-fore(hh[dBm])	-44.67	-15.50	-23.87
down(hh[dBm])	-39.73	-14.96	-21.21



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

	Min	Max	Mean
up/down (dB)	-46.44	13.23	-18.54
down/down-fore (dB)	-11.72	23.73	5.61



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.77	2.06	4.68
b4, hhhh(rg5[m/s])	-0.18	11.18	6.05	2.79
b2, hhhh(rg5[m/s])	-3.74	0.62	-1.61	0.57