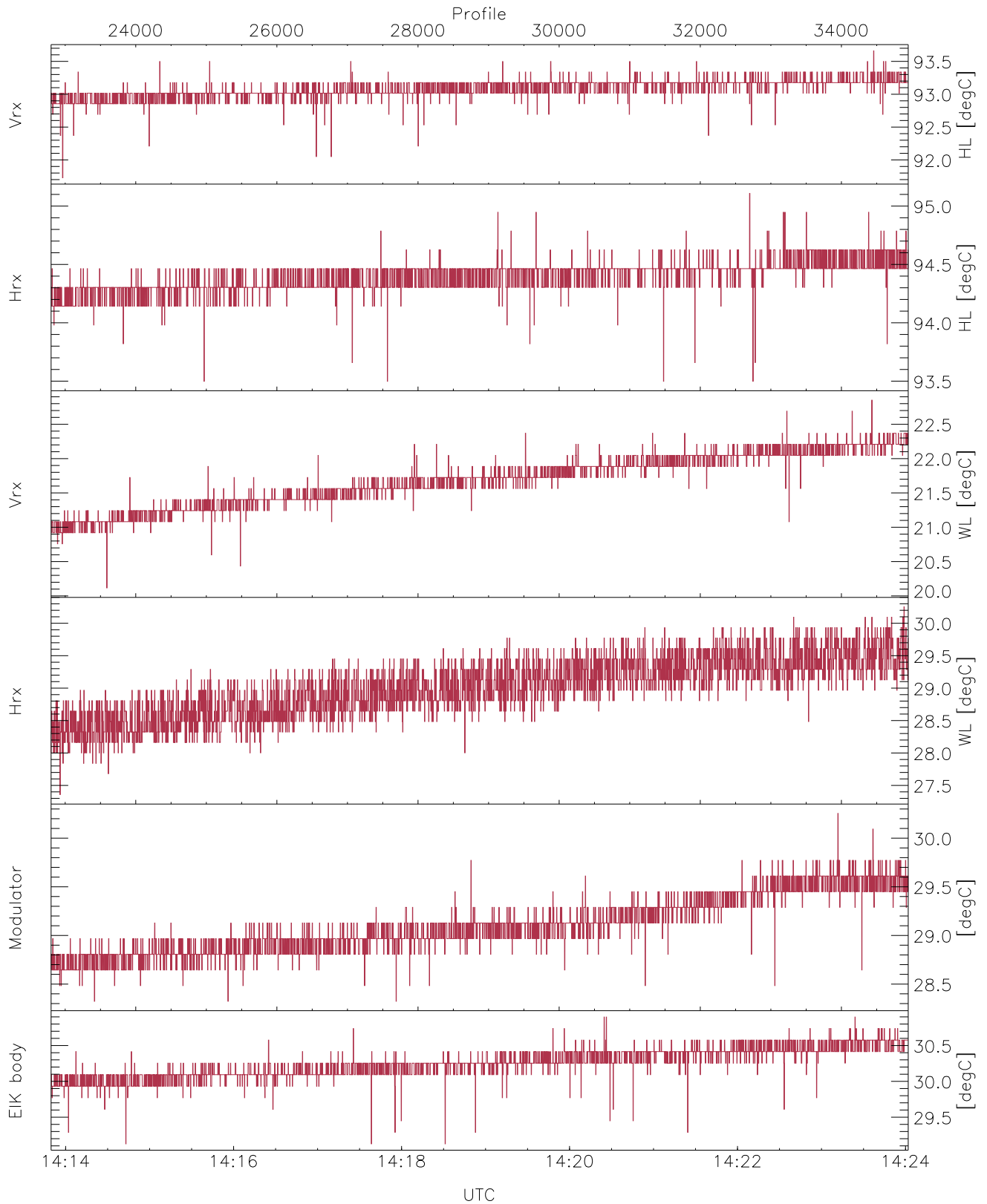


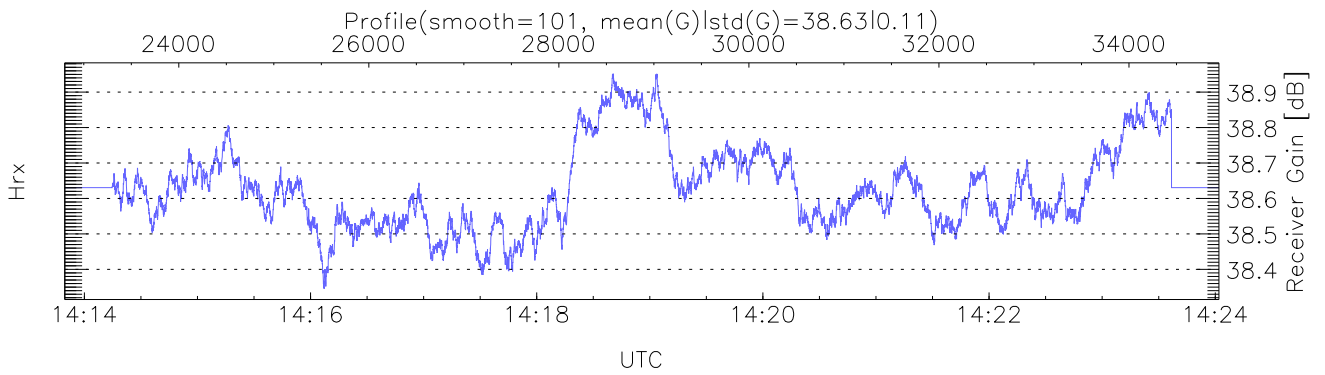
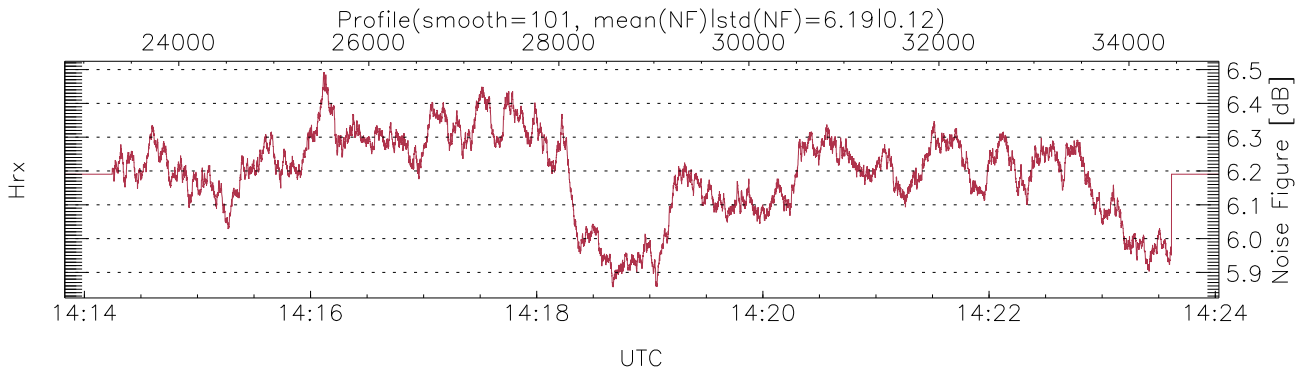
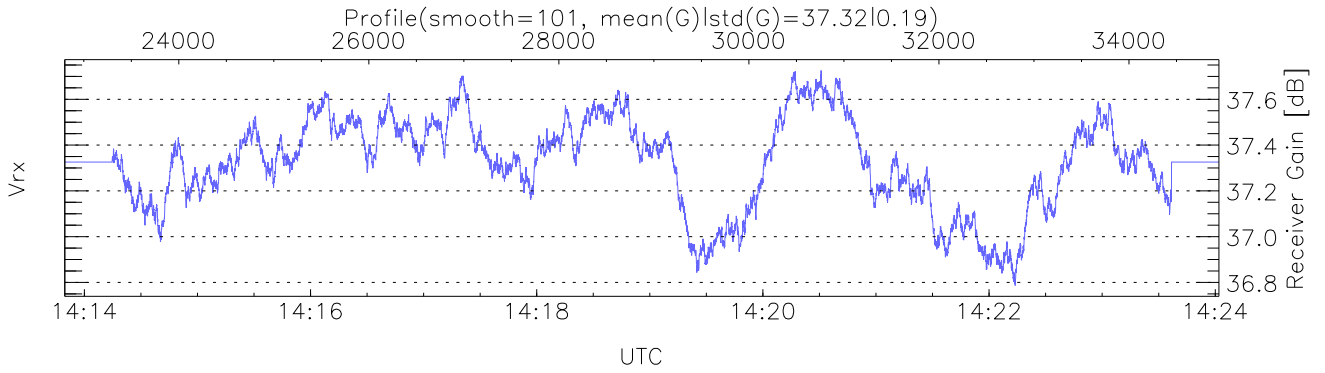
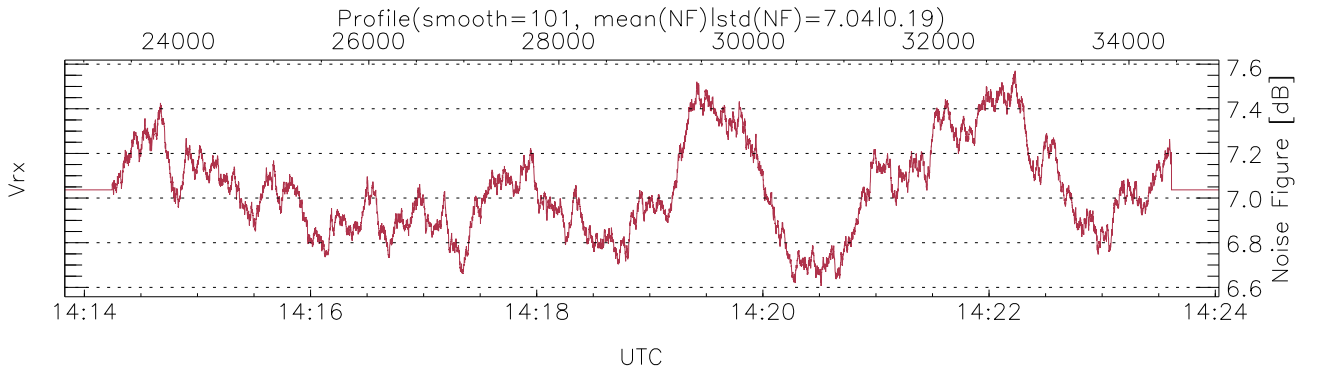
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 13:54:40-14:24:02, Dur: 1761.77s  
 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): 12148/34948, 22800-34947/14:13:50-14:24:02  
 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



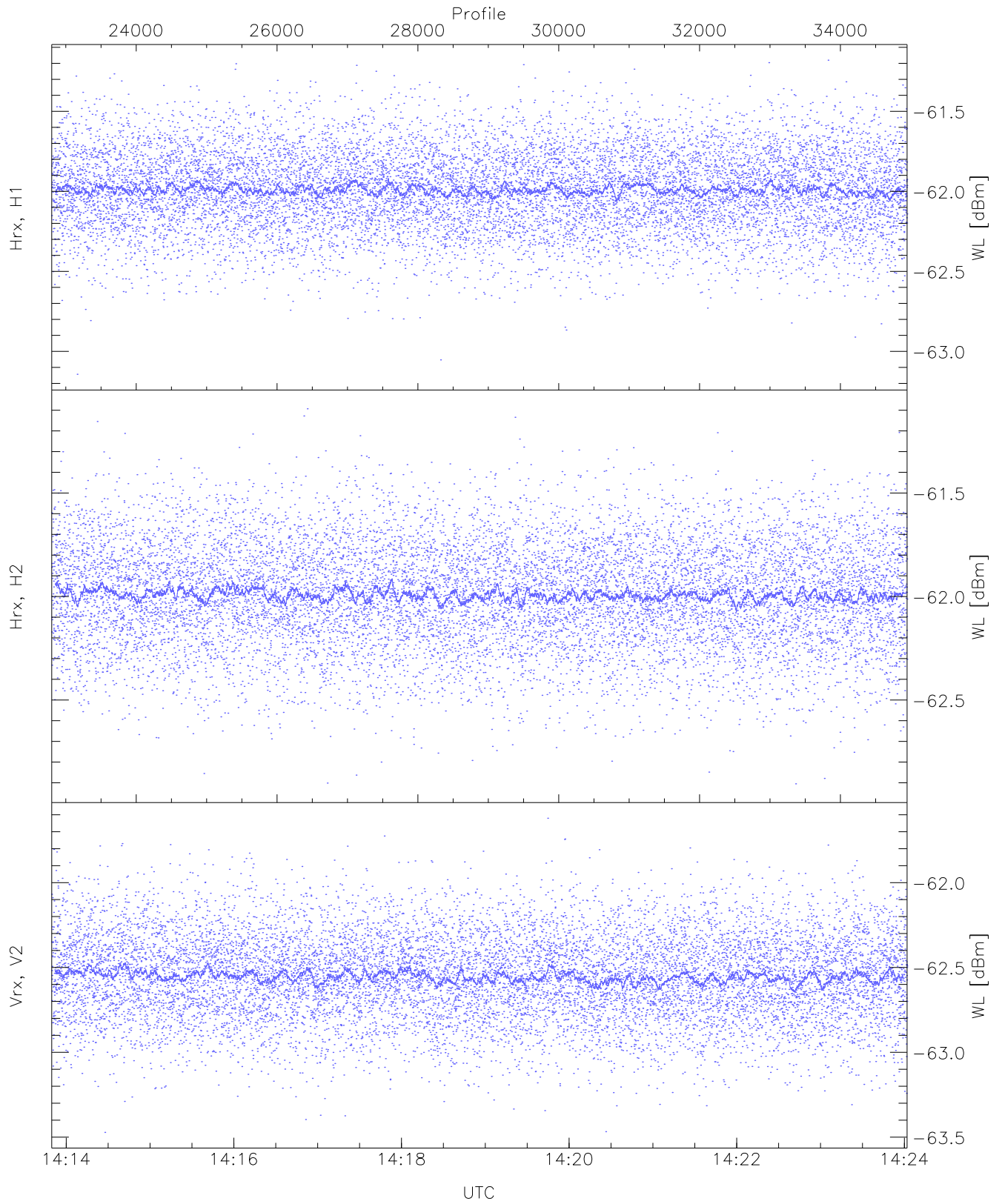
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,20,27,28,29`  
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,22,30,30,30`  
`LOalarm(20,80,240,2.8,14.8 MHz): 10,0,0,0,0`  
`EIK Faults(# prof affected):`  
`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (20,15,20,20,20,10)`



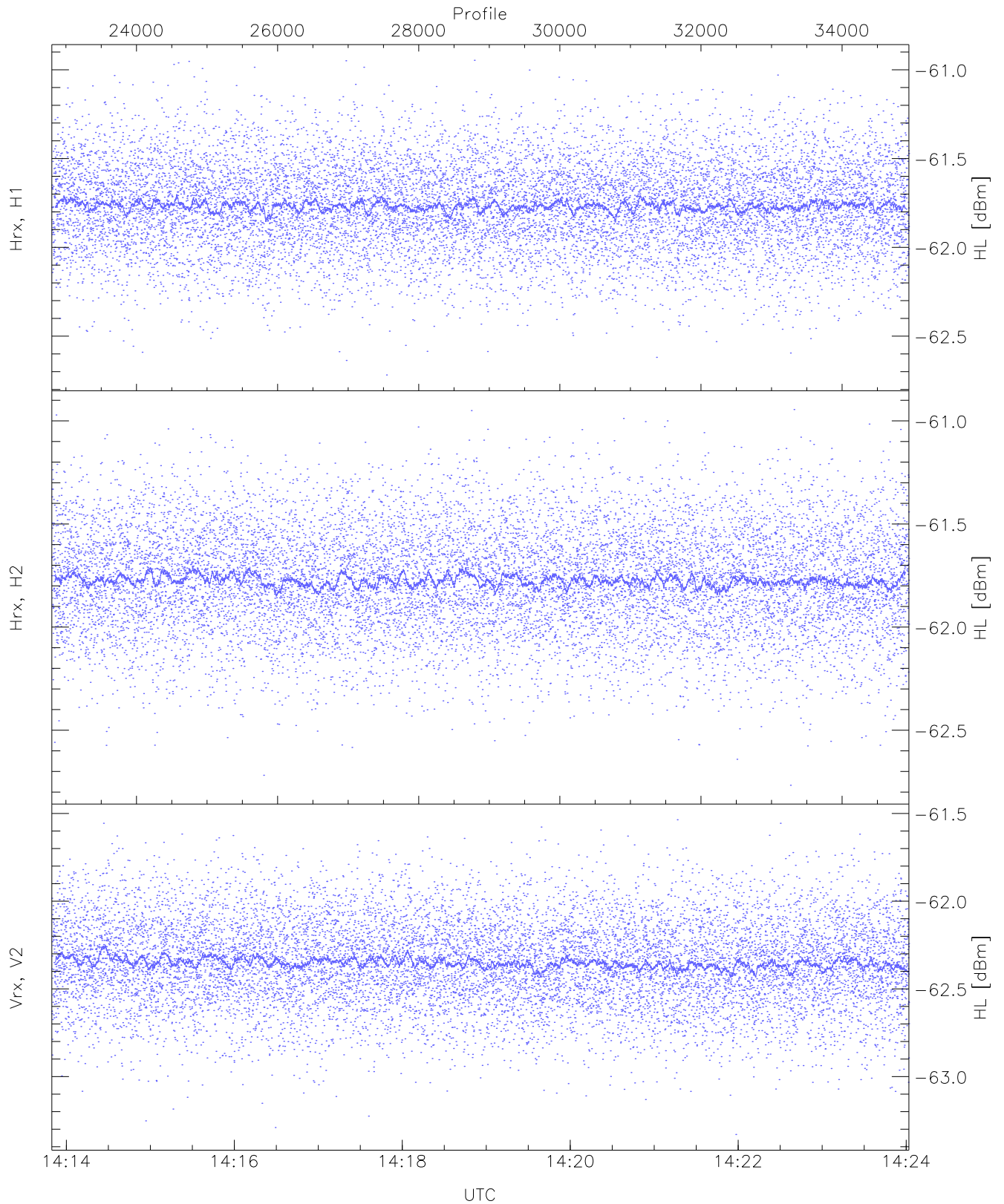
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 8912 pixs, 15 gates, 8808 profs, 1 prods



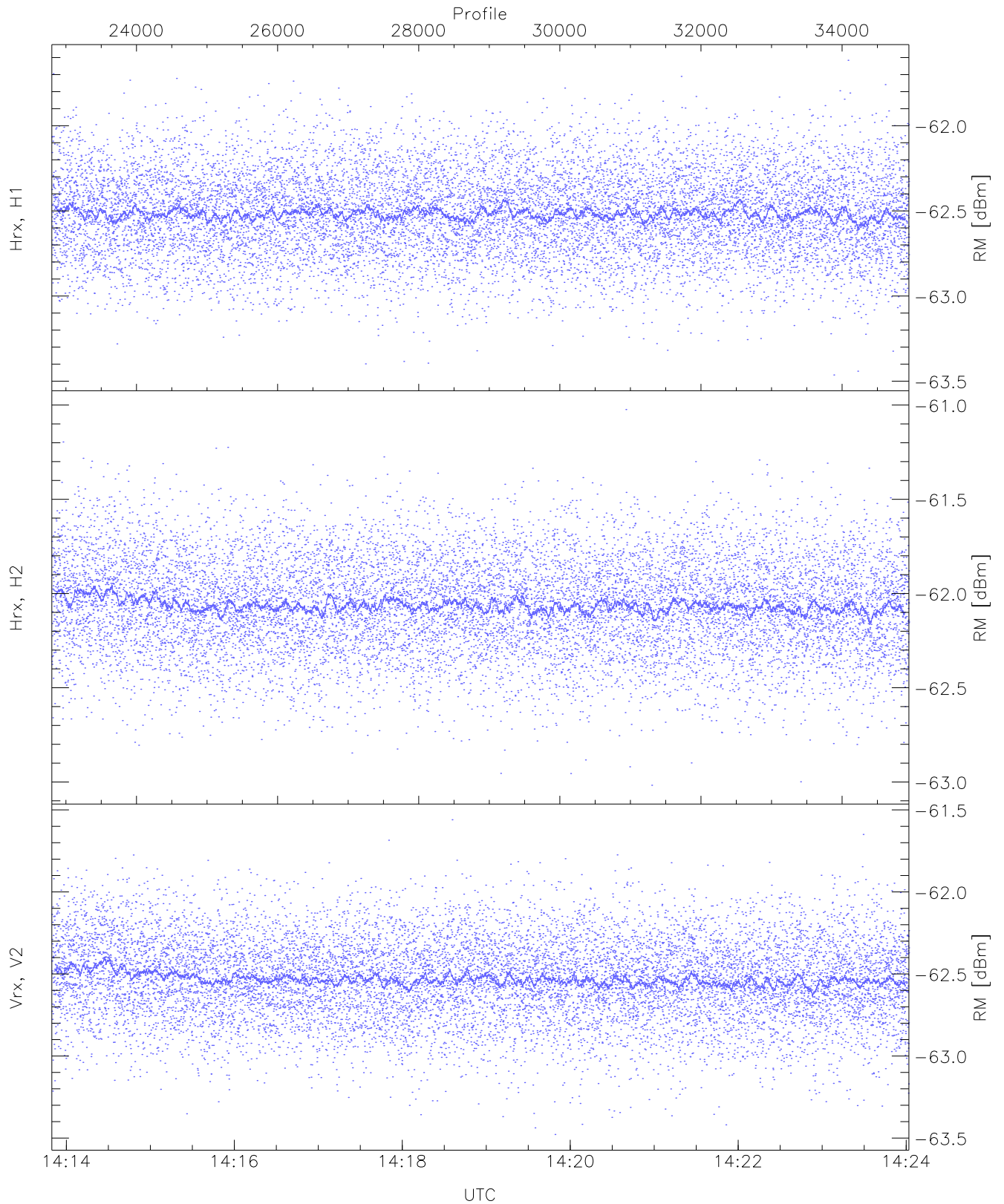
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-63.14	-61.18	-61.99	-61.99	-74.57
Hrx, H2 (WL [dBm])	-62.90	-61.09	-61.99	-61.99	-74.56
Vrx, V2 (WL [dBm])	-63.47	-61.62	-62.55	-62.55	-75.11



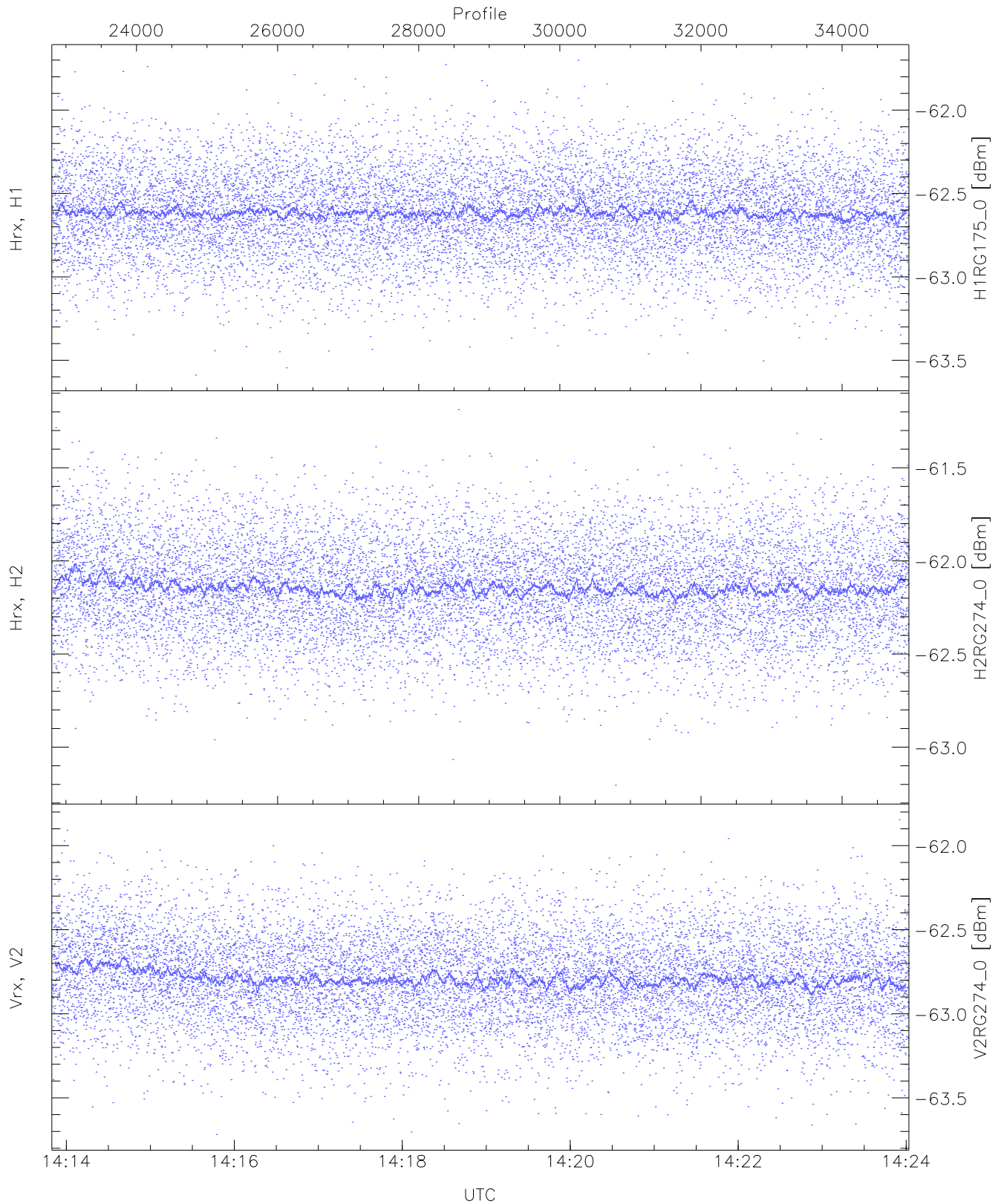
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.72	-60.95	-61.76	-61.76	-74.37
Hrx, H2(HL [dBm])	-62.77	-60.94	-61.77	-61.78	-74.33
Vrx, V2(HL [dBm])	-63.33	-61.54	-62.35	-62.35	-74.94



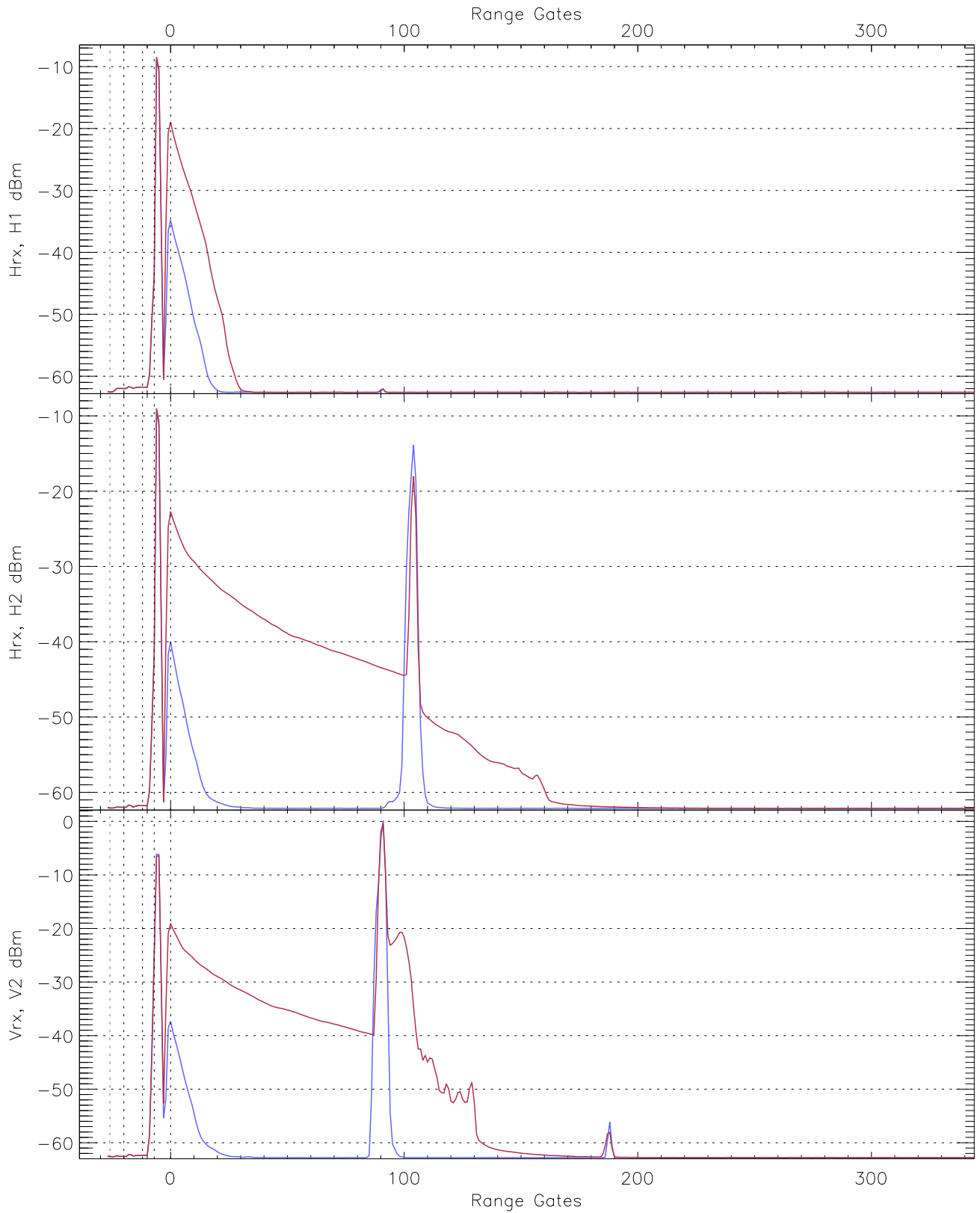
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.46	-61.62	-62.51	-62.52	-75.08
Hrx, H2 (RM [dBm])	-63.02	-61.02	-62.06	-62.06	-74.58
Vrx, V2 (RM [dBm])	-63.48	-61.56	-62.53	-62.53	-75.08



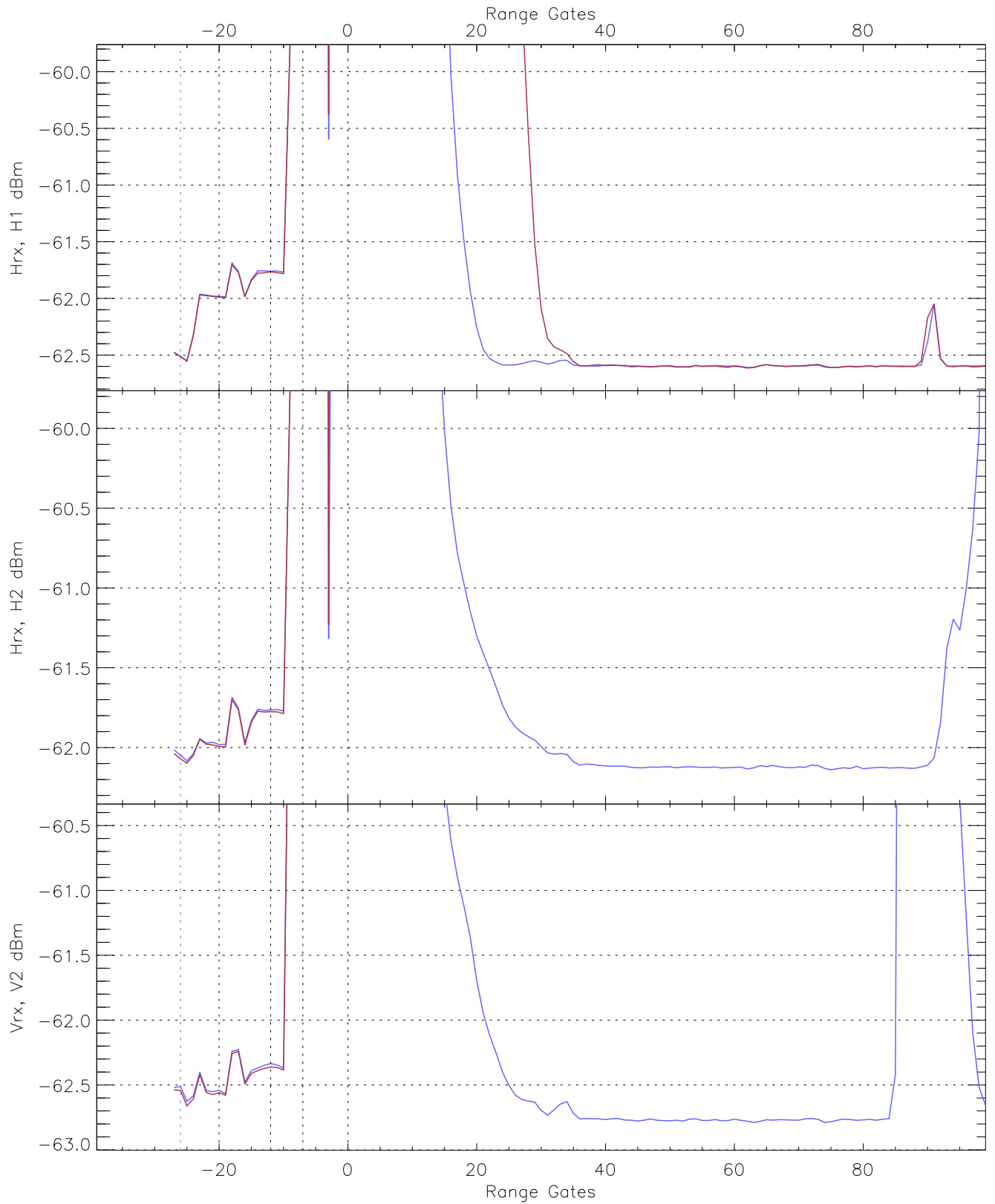
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG175_0 [dBm]	-63.59	-61.70	-62.61	-62.62	-75.15
H2RG274_0 [dBm]	-63.20	-61.19	-62.14	-62.15	-74.65
V2RG274_0 [dBm]	-63.72	-61.85	-62.79	-62.79	-75.29

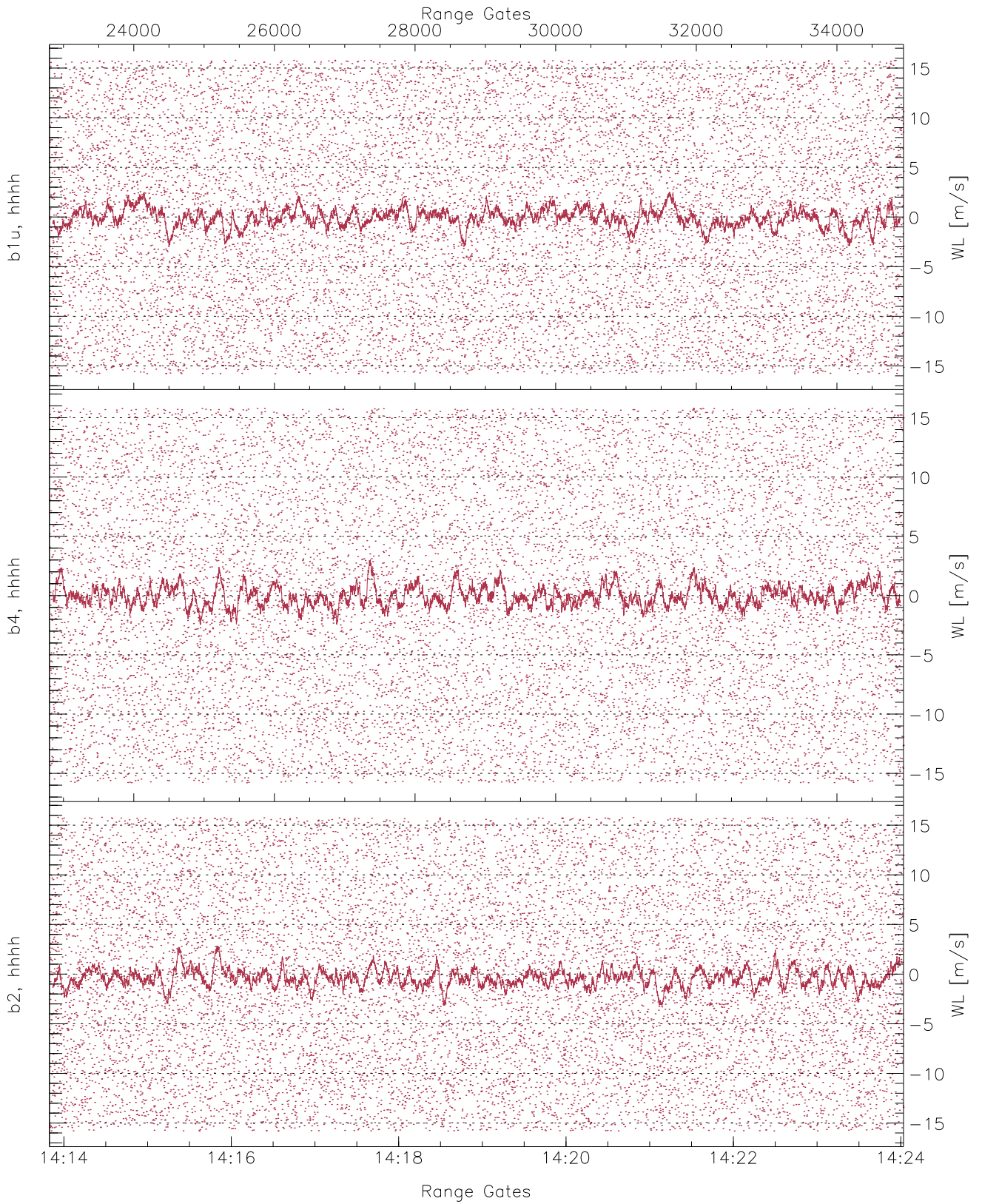


WCR2 CPP Averaged Received power for all recorded gates  
blue: 141350-141856, 6075 profiles averaged  
red: 141856-142402, 6074 profiles averaged

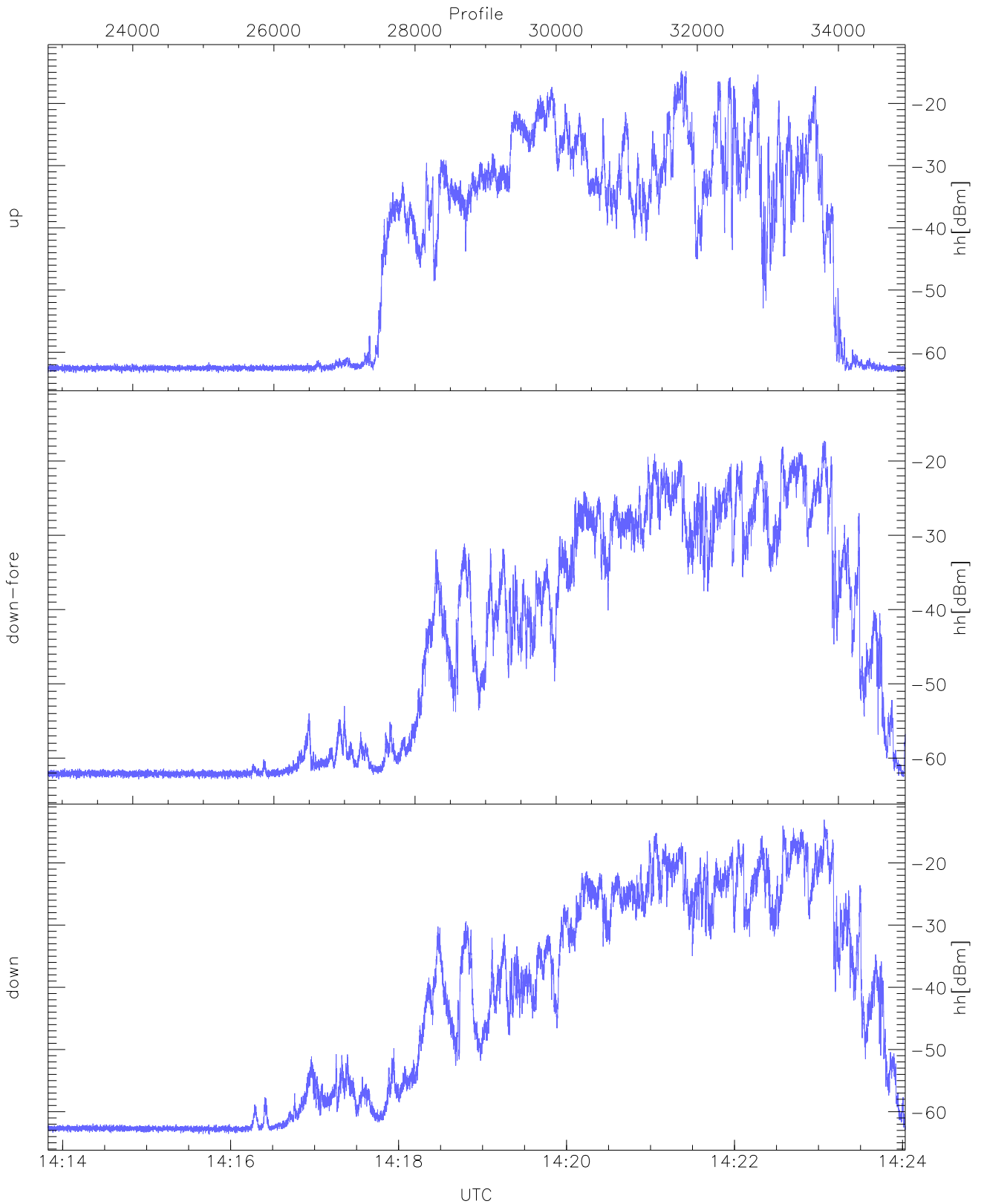




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 141350-141856, 6075 profiles averaged  
red: 141856-142402, 6074 profiles averaged

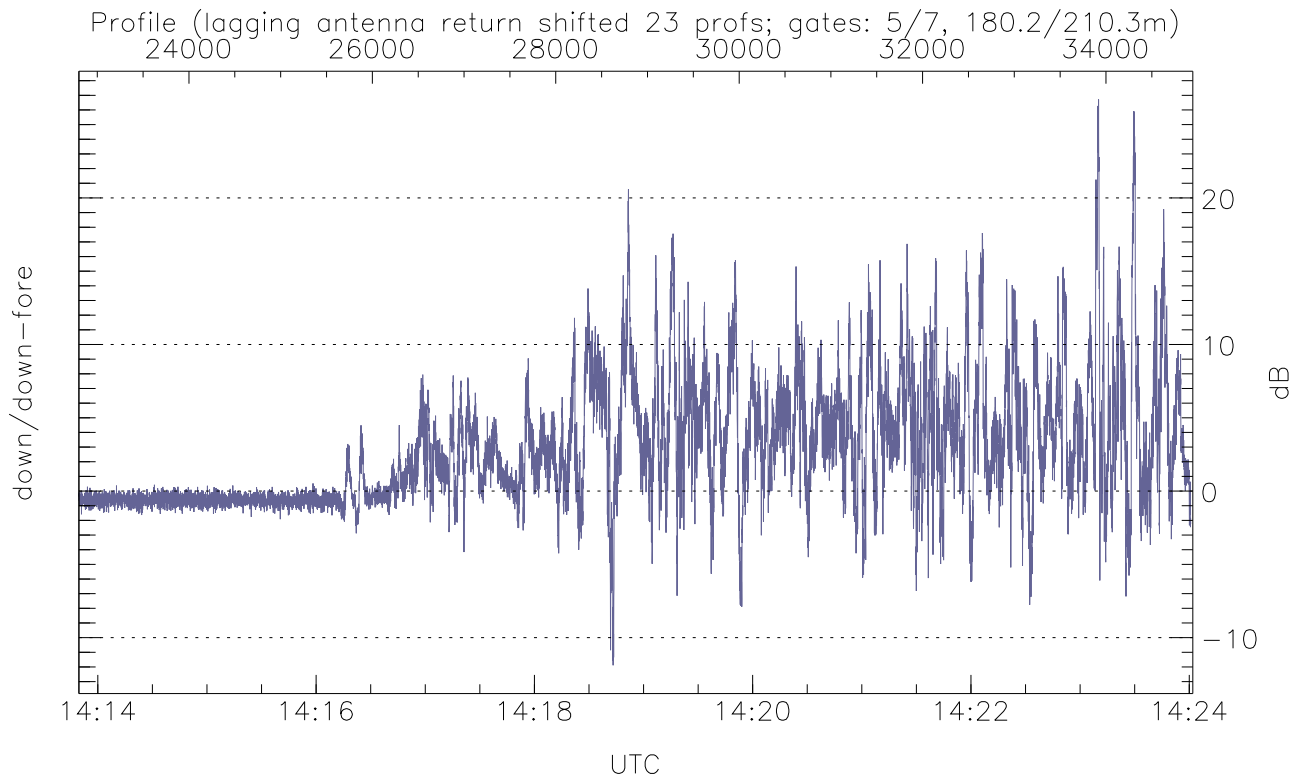
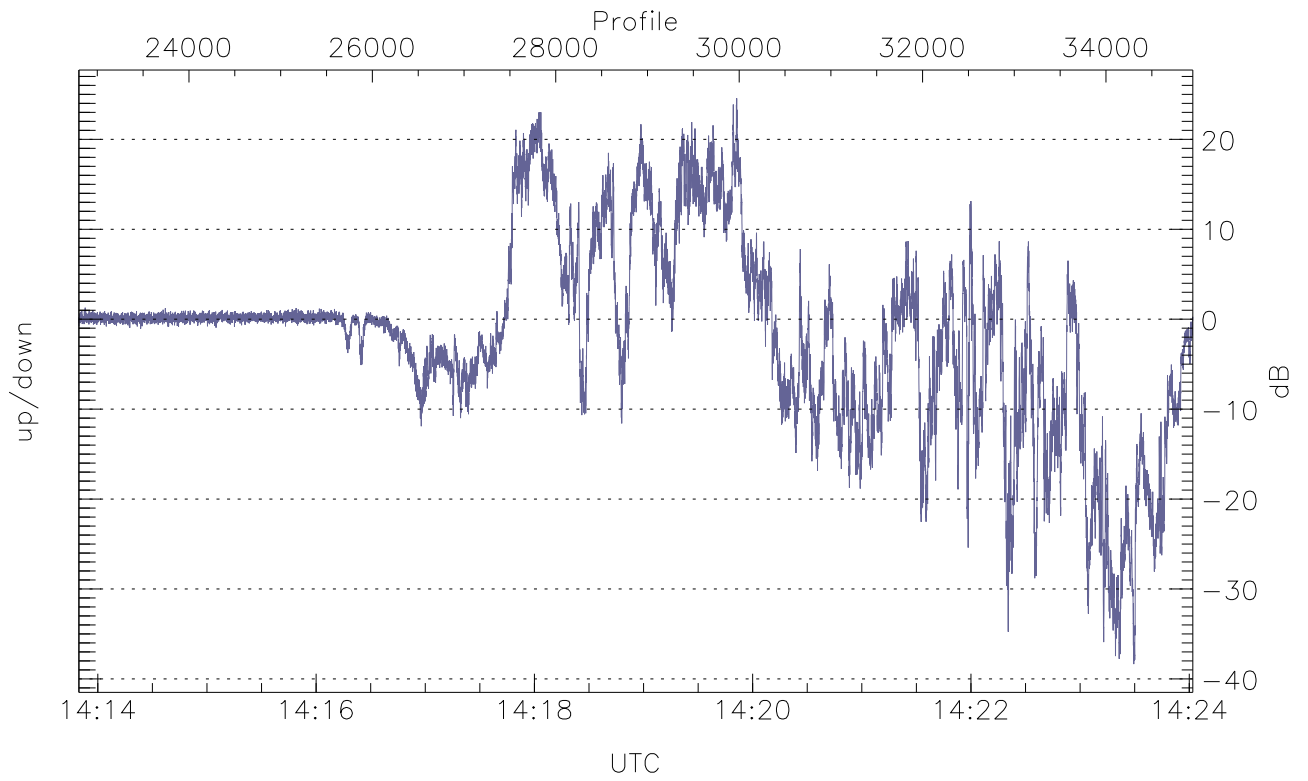


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



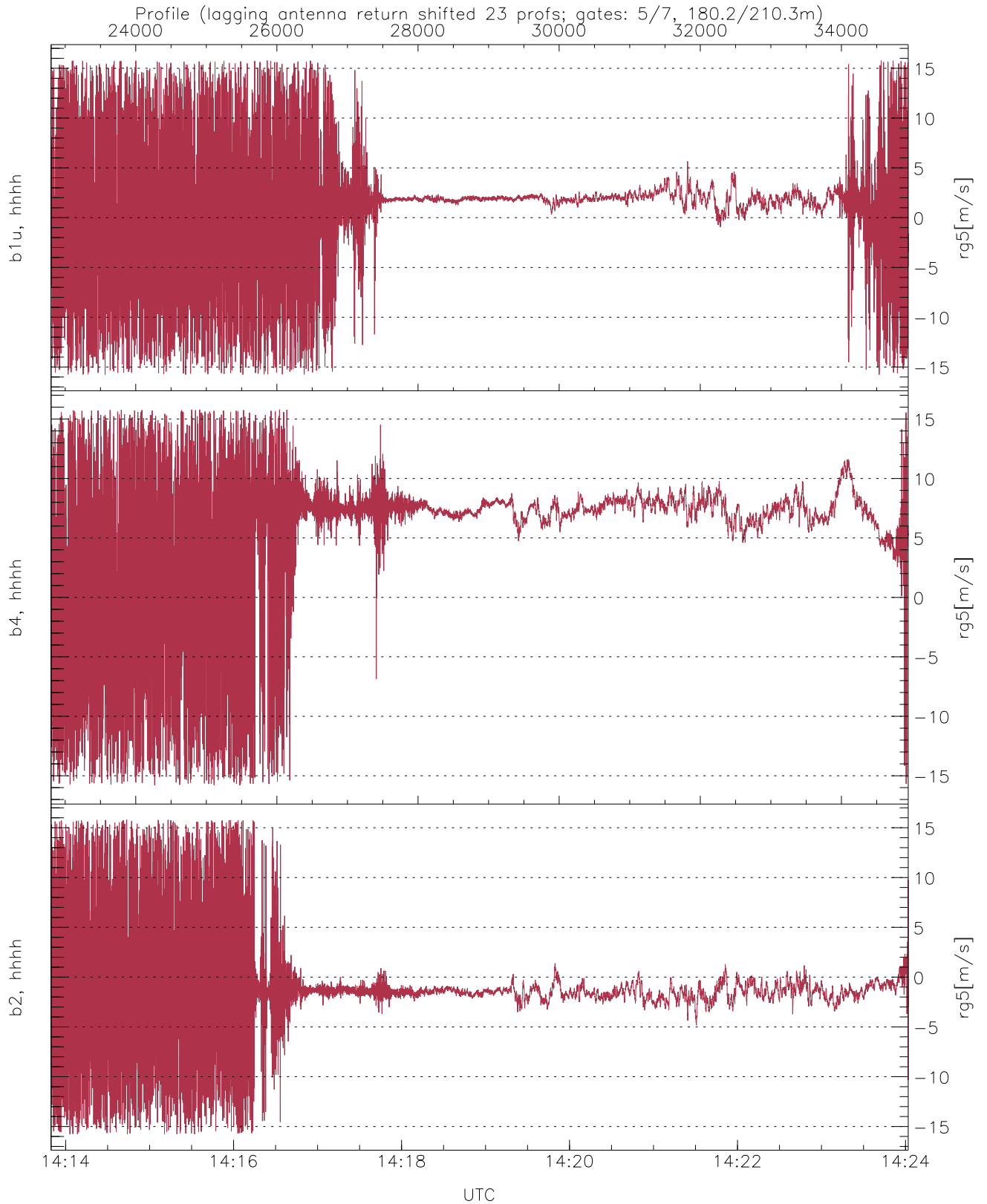
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.41	-14.78	-28.97
down-fore(hh[dBm])	-62.86	-17.29	-29.96
down(hh[dBm])	-63.66	-13.07	-26.50



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

	Min	Max	Mean
up/down (dB)	-38.35	24.57	-1.76
down/down-fore (dB)	-11.88	26.71	2.83



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.76	15.79	1.11	5.27
b4, hhhh(rg5[m/s])	-15.80	15.80	5.51	5.72
b2, hhhh(rg5[m/s])	-15.79	15.79	-1.16	4.54