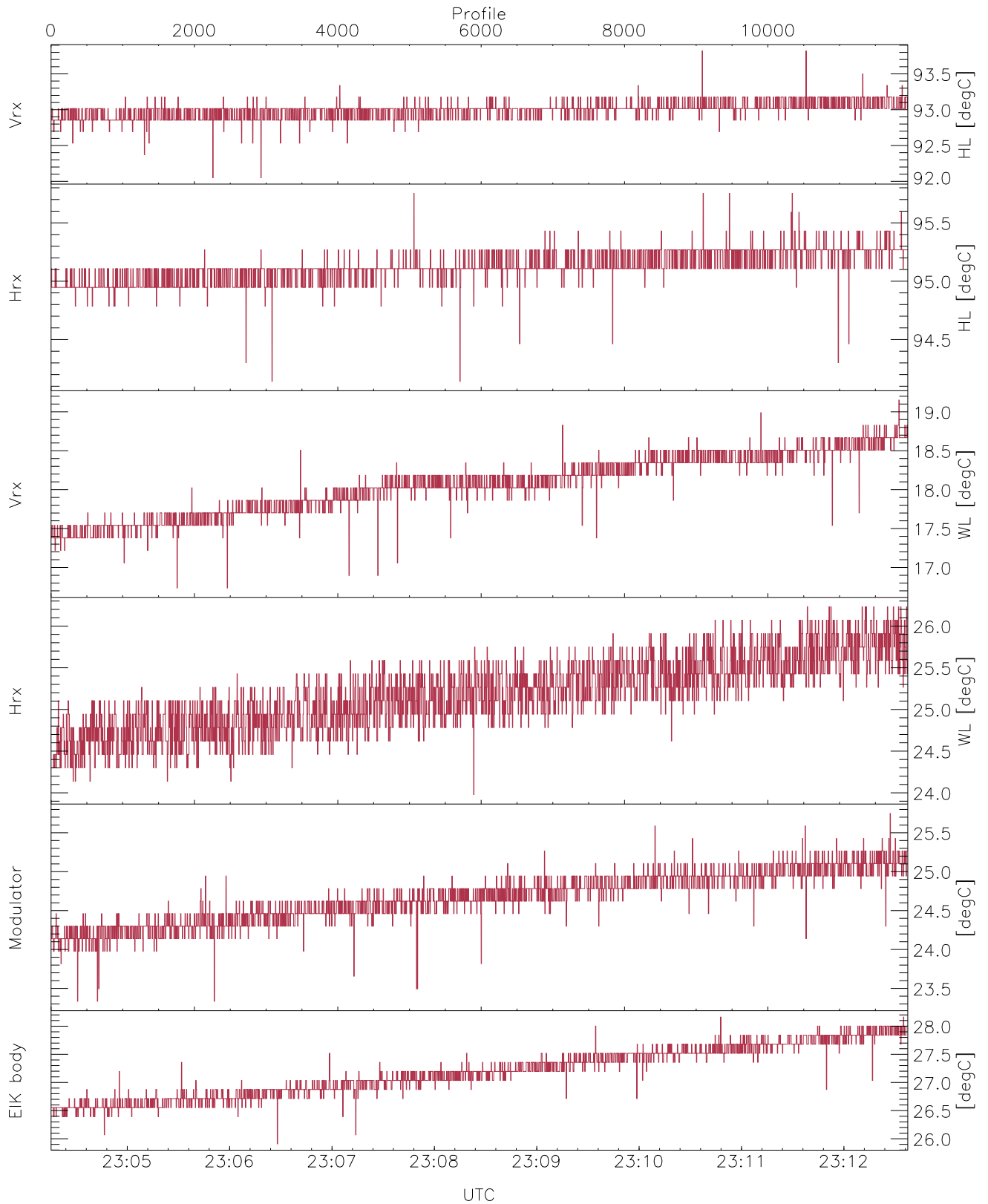


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

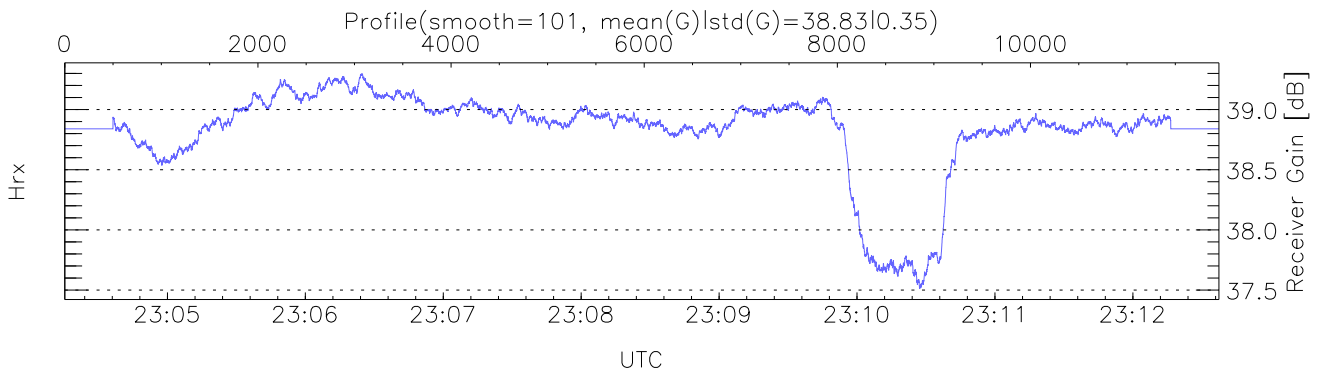
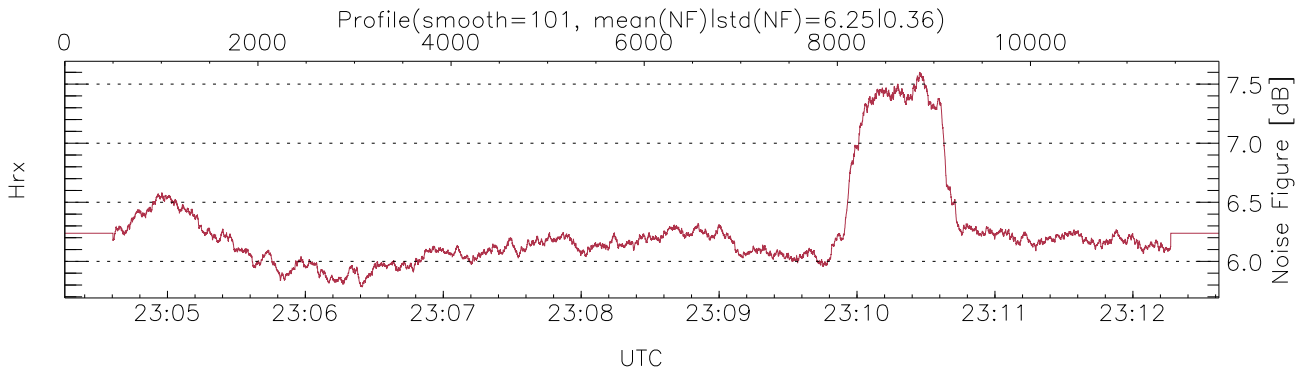
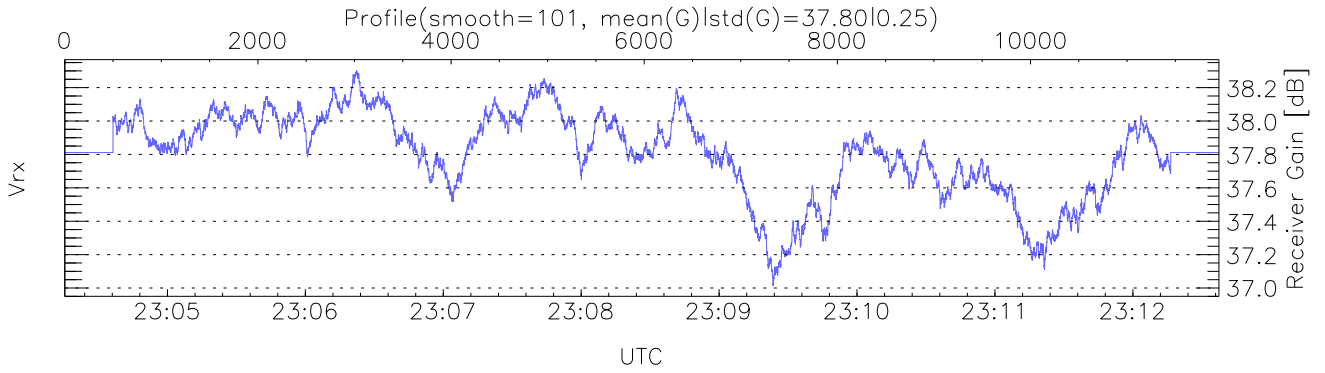
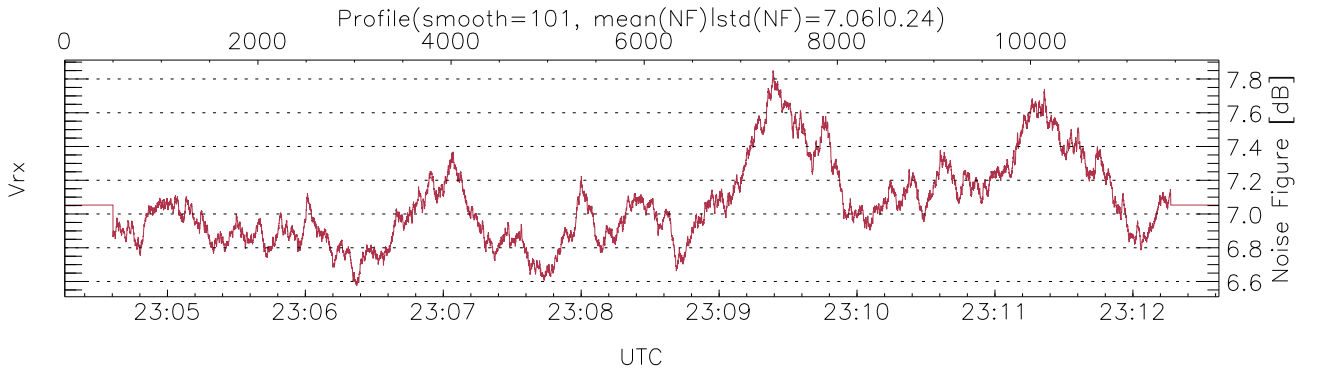
UTC: 23:04:15-23:12:37, Dur: 502.11s  
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant  
 TimeInt/PPS(min,max,mn,std): 42.0,42.0,42.0,0.0 ms / 24,24,24  
 NumRec(r/t): 11953/11953, 0-11952/23:04:15-23:12:37  
 AcqTime: 42.0ms, Rate: 335KB/s, Averages: 140  
 Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2  
 PRF: 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us  
 Range(min,max,rqs): 105,5511,15.0 m, Gates: 361, Aspect: 4.0  
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 0



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

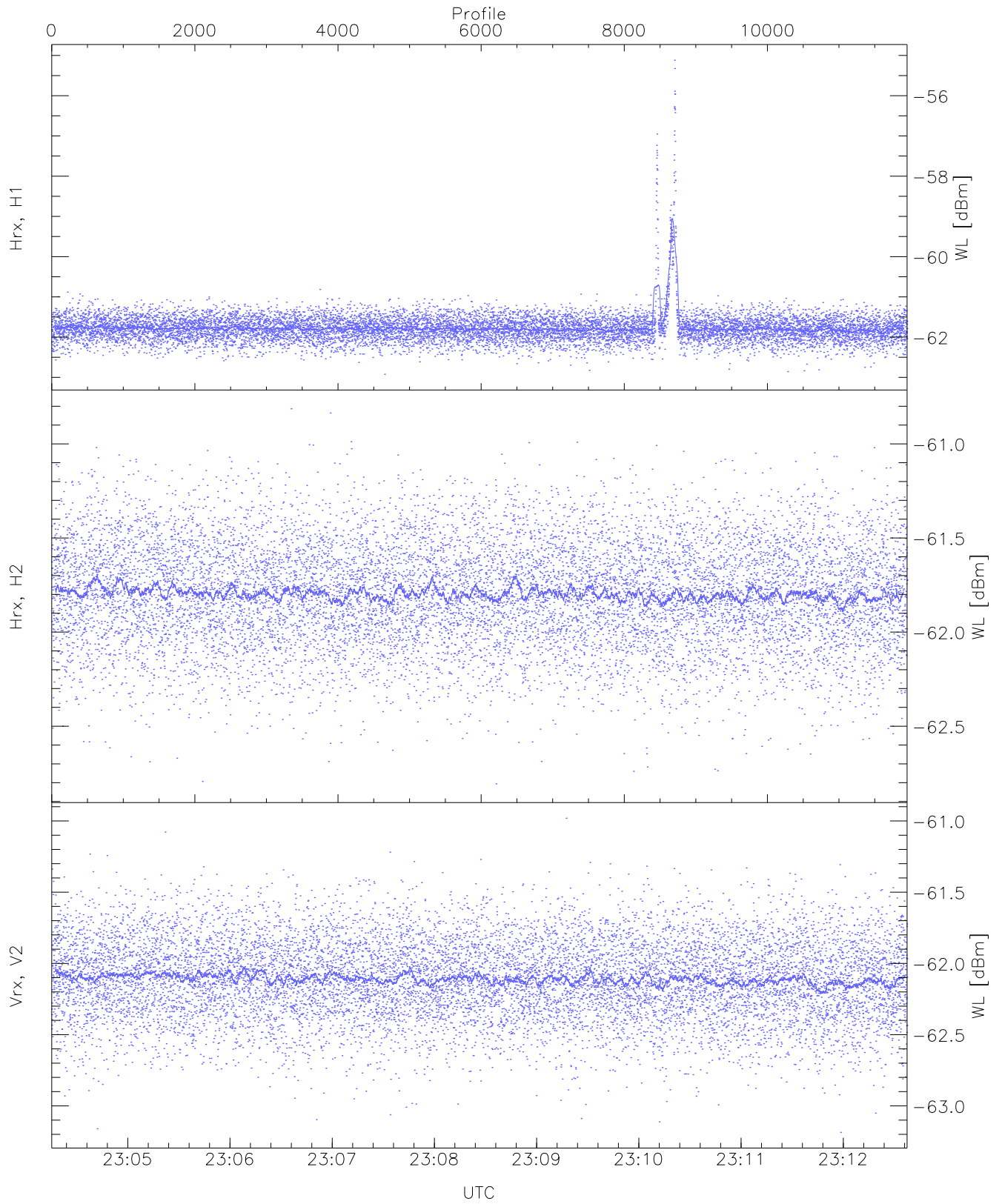
```

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,16,23,23,25
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,19,26,25,28
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
  DeckT,ColIT,BodyCurr,DeckF,OverDuty,HVPS (19,19,19,26,19,6)
    
```



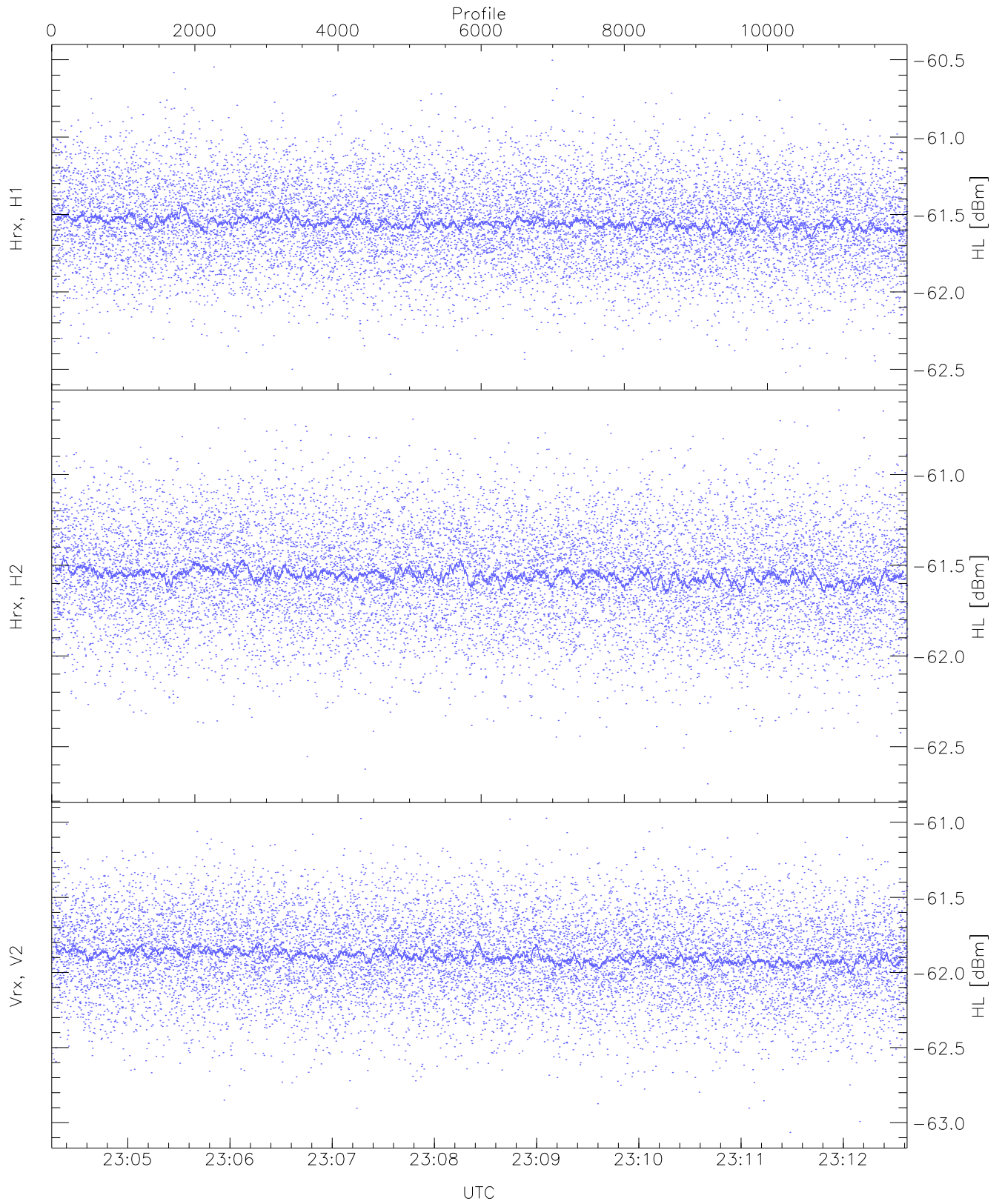
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 0 pixs, 0 gates, 0 profs, 0 prods



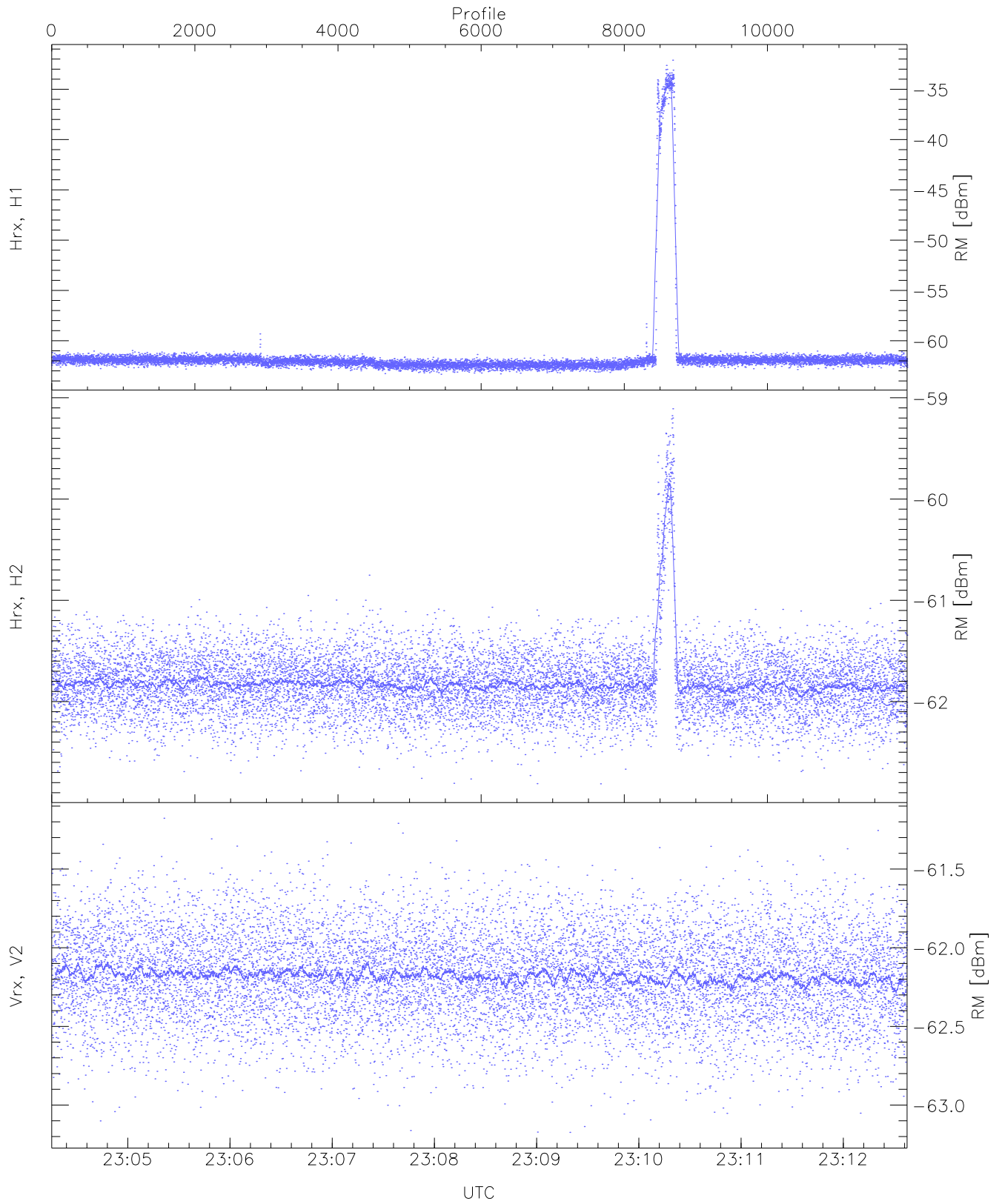
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.92	-55.12	-61.74	-61.79	-70.29
Hrx, H2(WL [dBm])	-62.81	-60.81	-61.79	-61.80	-73.96
Vrx, V2(WL [dBm])	-63.19	-60.98	-62.10	-62.11	-74.22



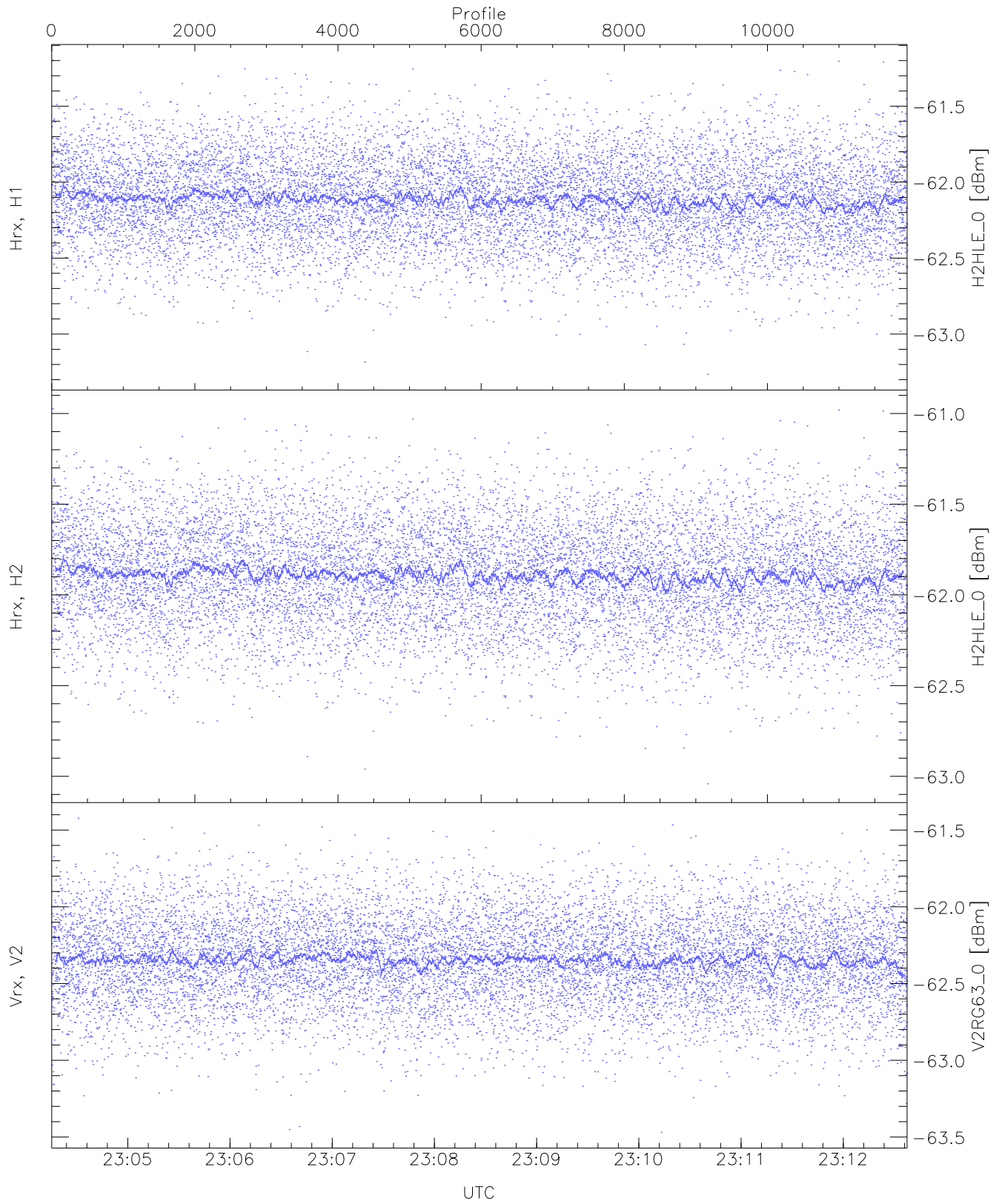
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.53	-60.50	-61.55	-61.56	-73.76
Hrx, H2 (HL [dBm])	-62.70	-60.64	-61.55	-61.56	-73.68
Vrx, V2 (HL [dBm])	-63.06	-60.97	-61.89	-61.89	-73.98



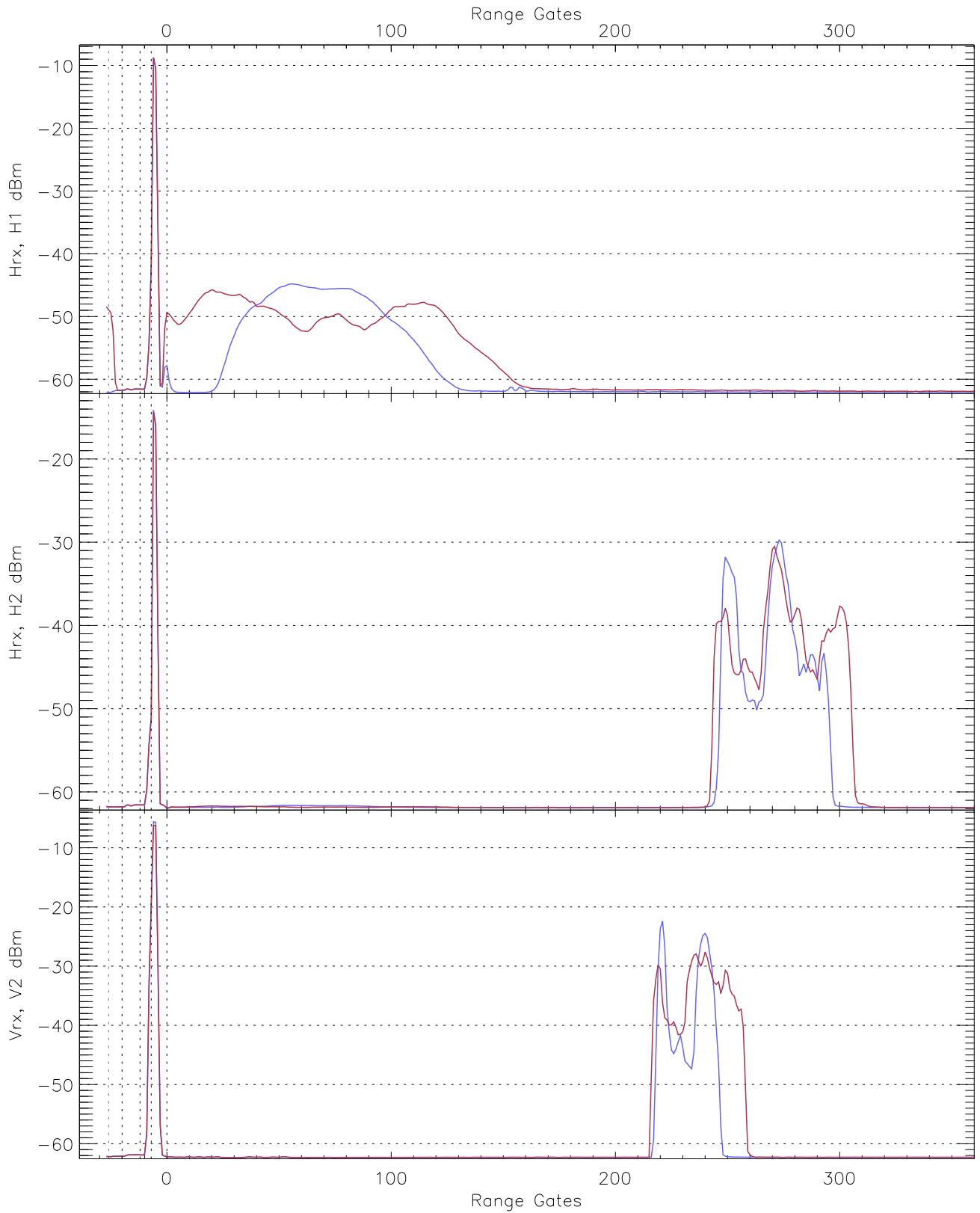
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.34	-32.11	-51.72	-62.06	-43.55
Hrx, H2(RM [dBm])	-62.81	-59.11	-61.79	-61.83	-72.21
Vrx, V2(RM [dBm])	-63.17	-61.18	-62.17	-62.18	-74.33



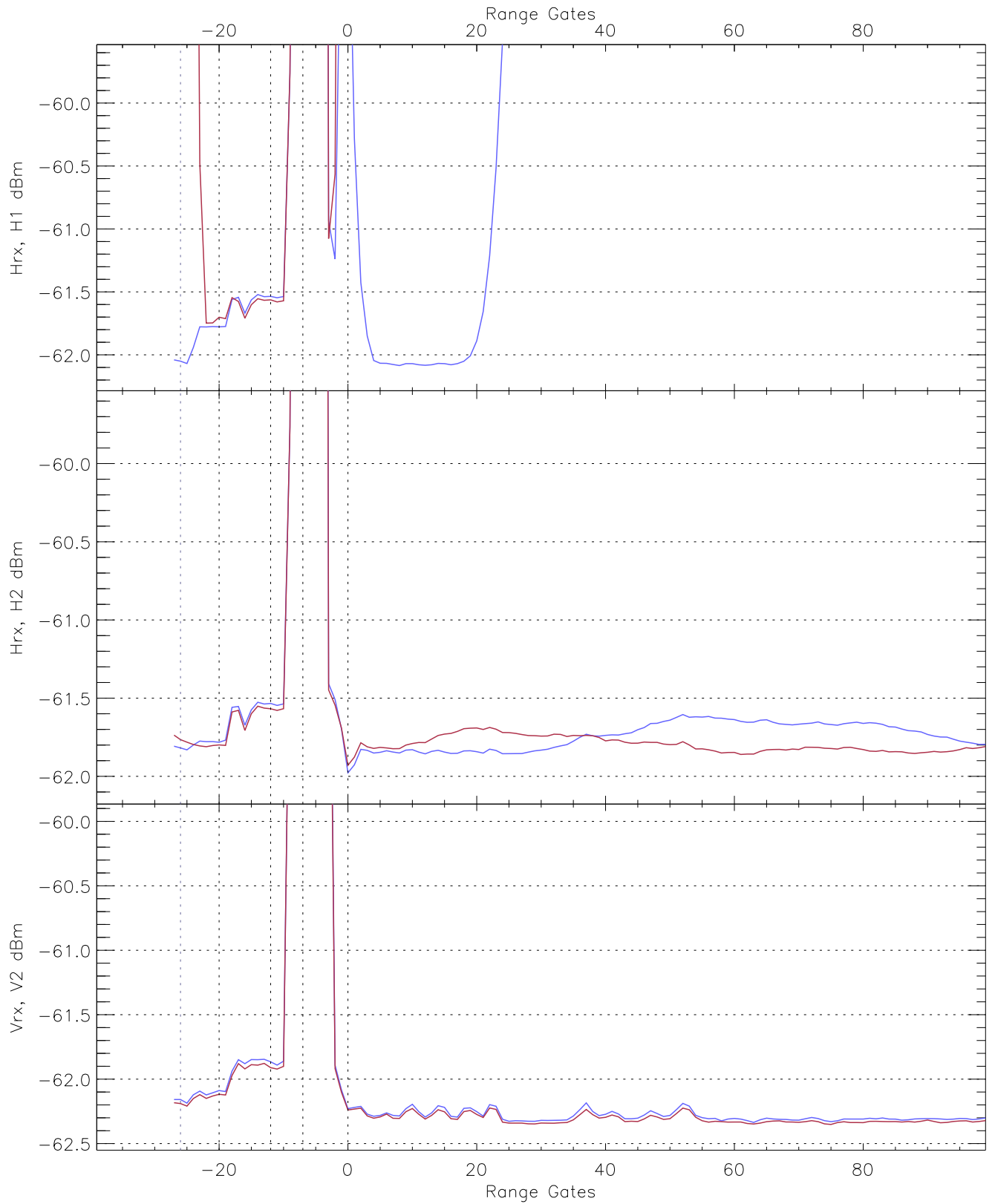
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H2HLE_0 [dBm]	-63.26	-61.20	-62.11	-62.11	-74.24
H2HLE_0 [dBm]	-63.04	-60.97	-61.89	-61.89	-74.02
V2RG63_0 [dBm]	-63.47	-61.42	-62.34	-62.34	-74.47

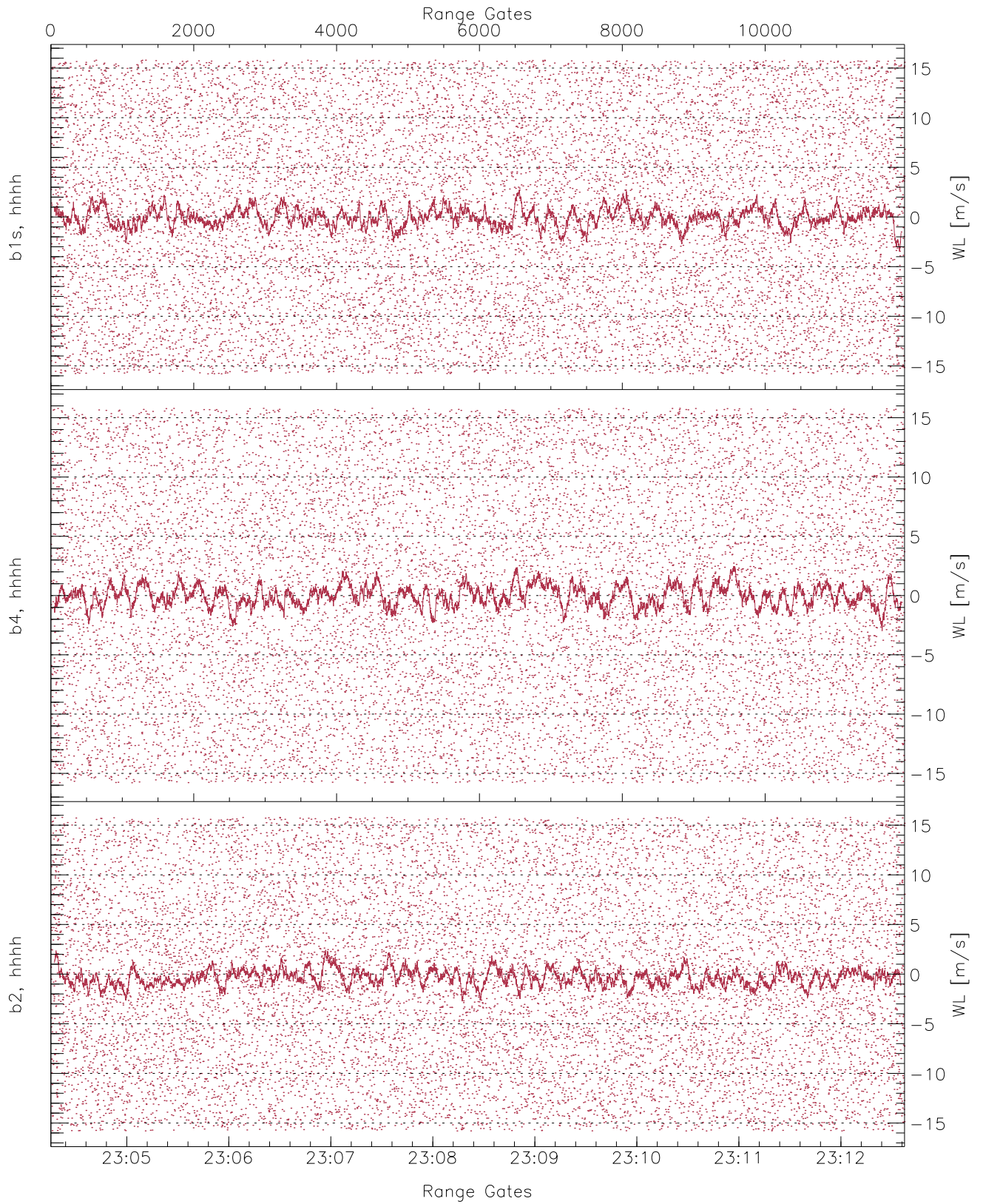


WCR2 CPP Averaged Received power for all recorded gates  
blue: 230415-230826, 5977 profiles averaged  
red: 230826-231237, 5977 profiles averaged

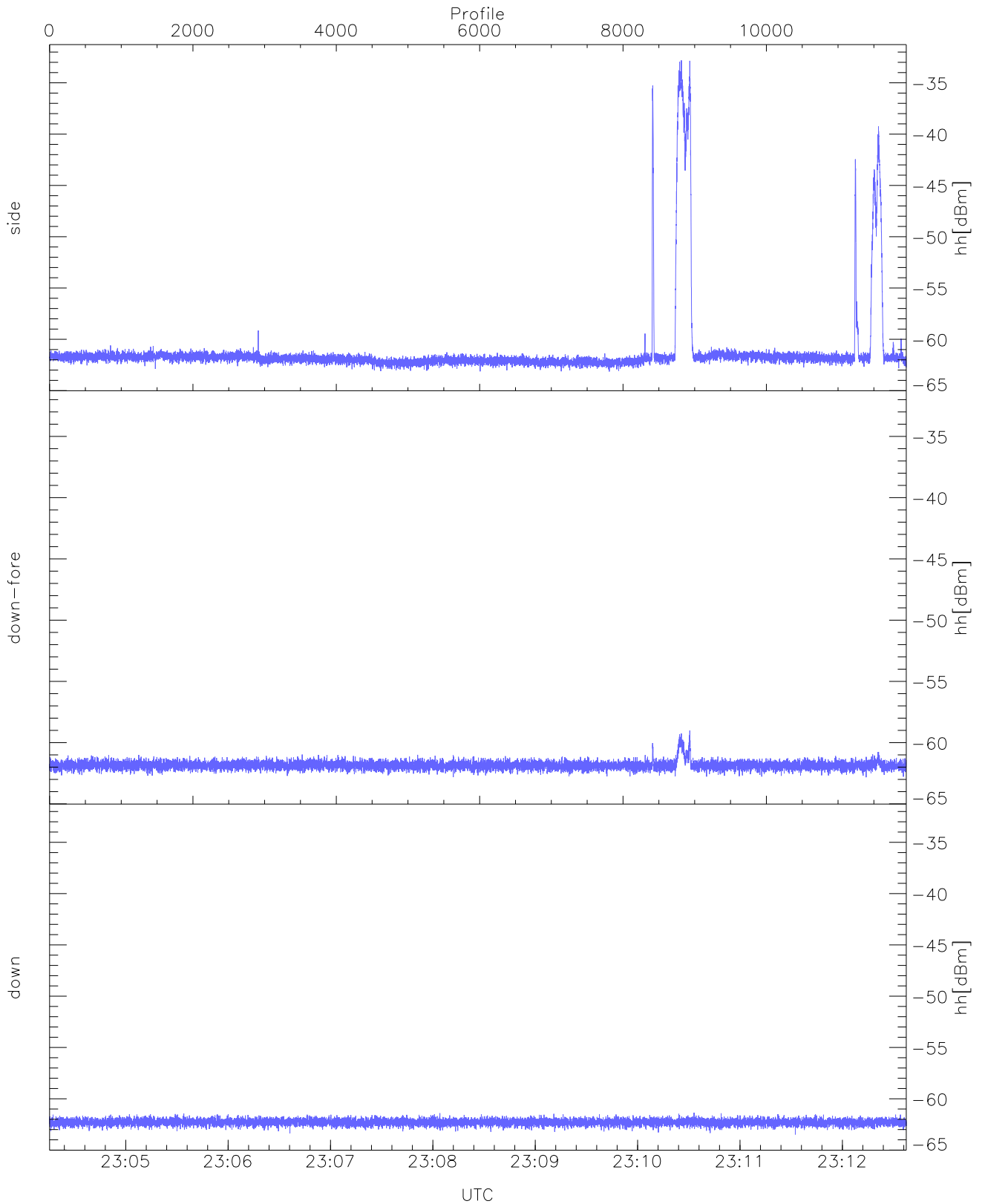




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 230415-230826, 5977 profiles averaged  
red: 230826-231237, 5977 profiles averaged

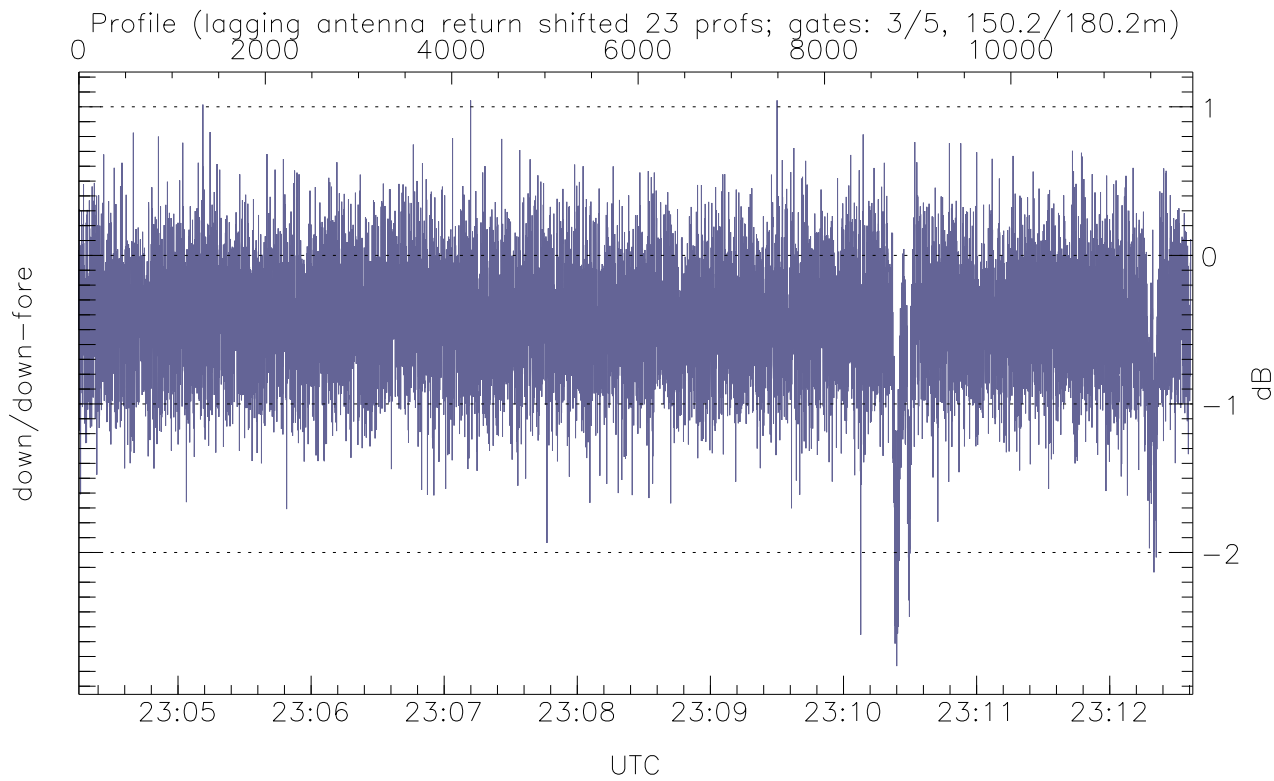


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



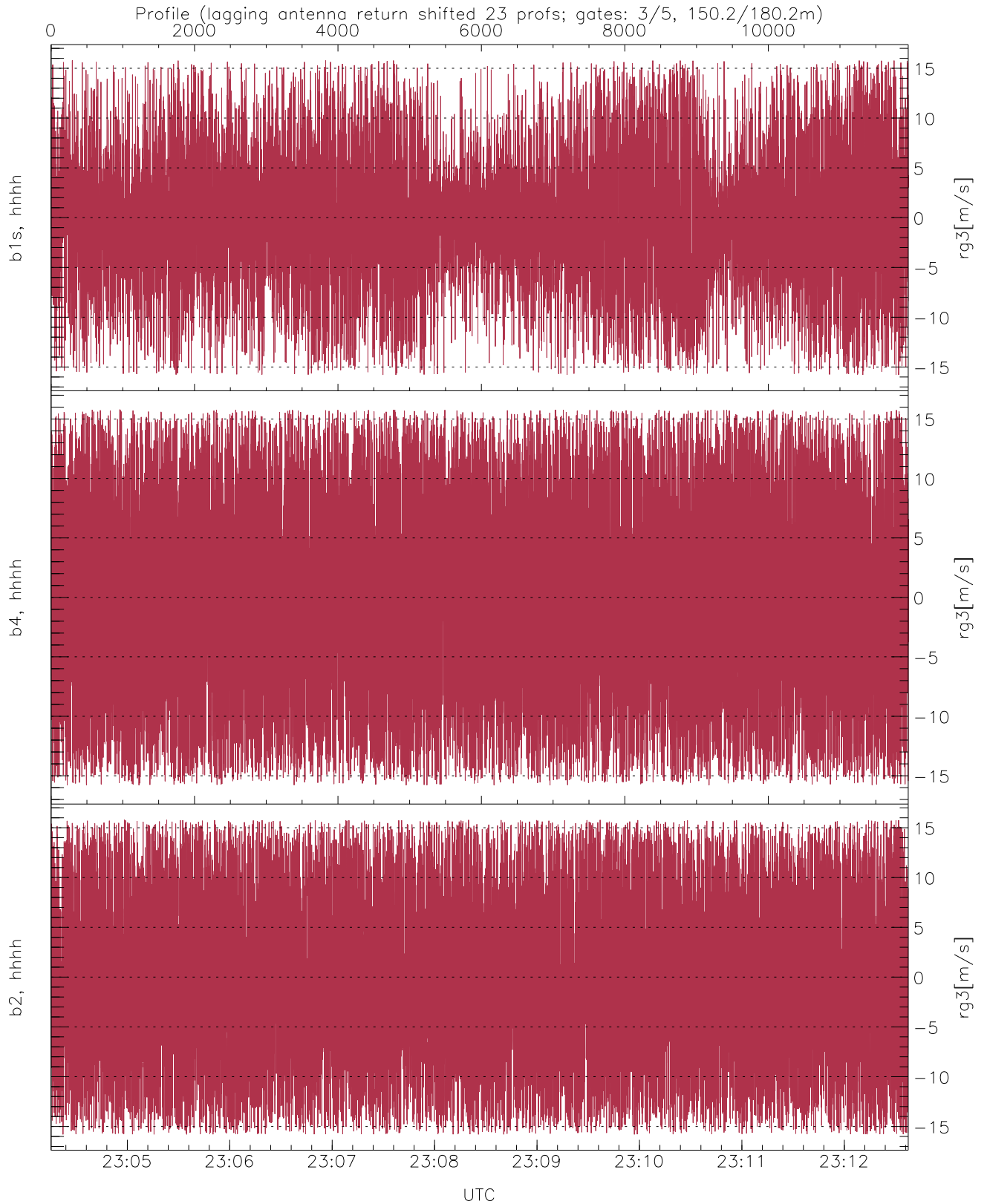
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
side(hh[dBm])	-63.14	-32.80	-53.27
down-fore(hh[dBm])	-62.83	-59.01	-61.82
down(hh[dBm])	-63.48	-61.35	-62.28



WCR2 Beam pairs Received Power Ratio(s); RangeGate: 3 (150 m)

	Min	Max	Mean
down/down-fore(dB)	-2.76	1.04	-0.45



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1s, hhhh(rg3[m/s])	-15.79	15.79	-0.29	6.68
b4, hhhh(rg3[m/s])	-15.80	15.80	-0.14	9.07
b2, hhhh(rg3[m/s])	-15.80	15.80	-0.53	9.09