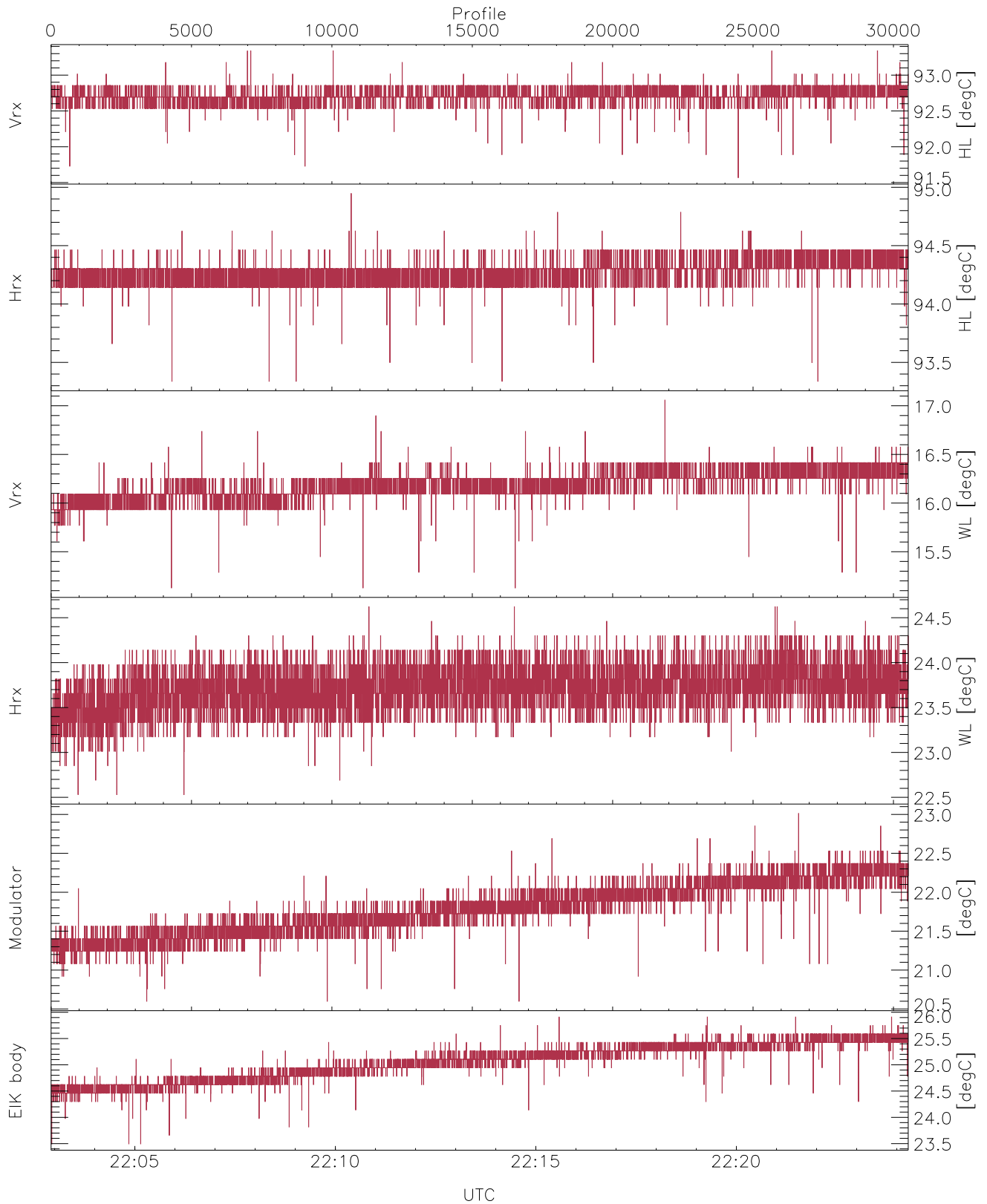


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

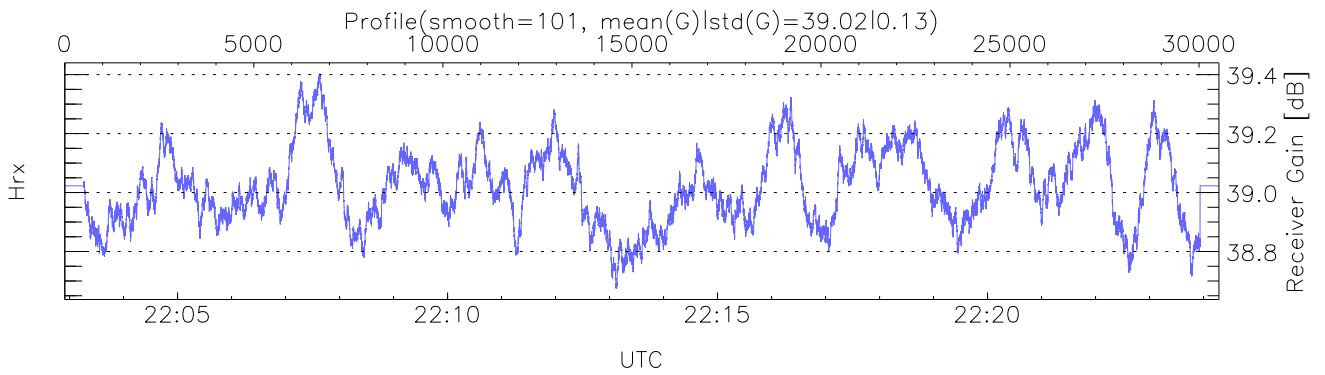
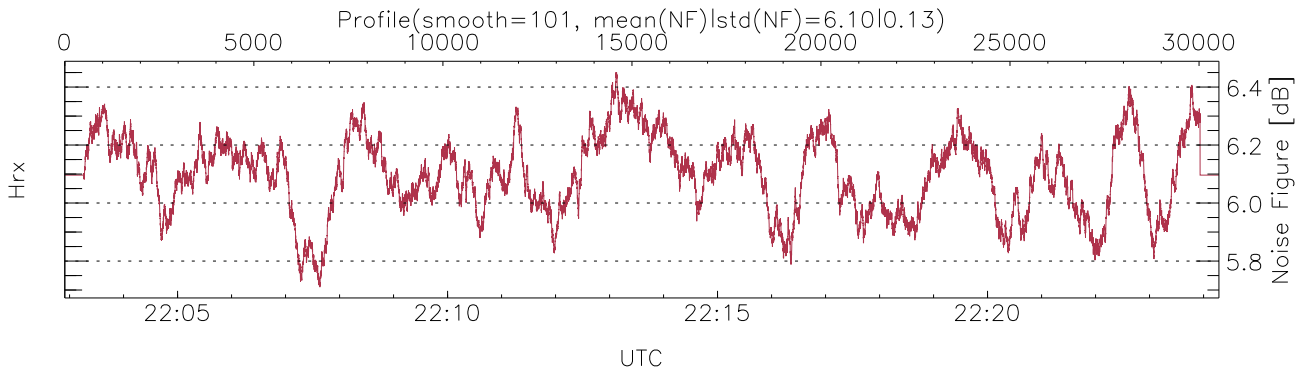
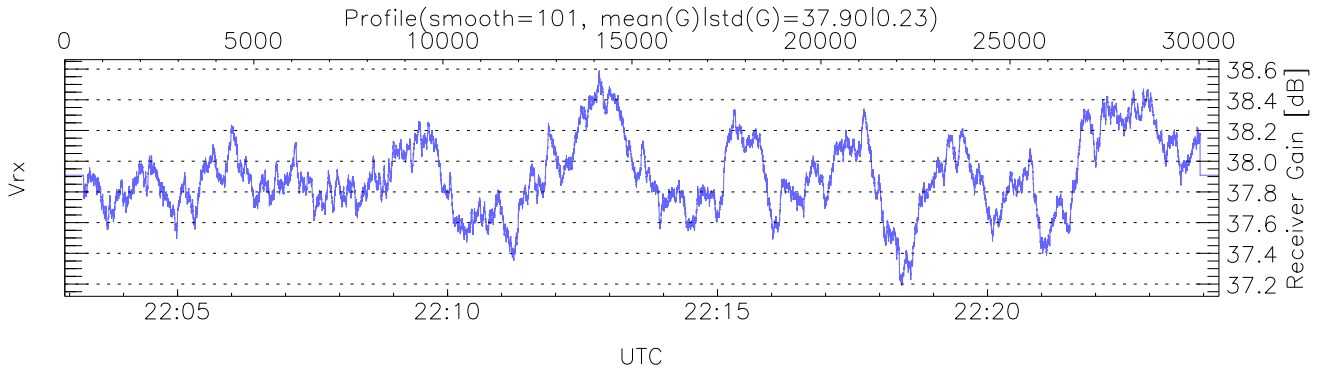
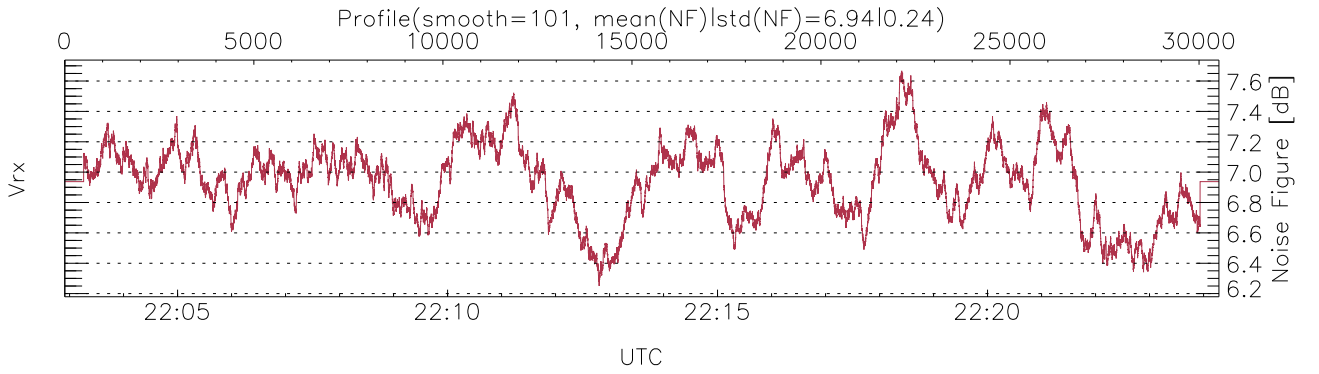
UTC: 22:02:55-22:24:17, Dur: 1282.41s  
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant  
 TimeInt/PPS(min,max,mn,std): 42.0,42.0,42.0,0.0 ms / 24,24,24  
 NumRec(r/t): 30527/30527, 0-30526/22:02:55-22:24:17  
 AcqTime: 42.0ms, Rate: 461KB/s, Averages: 140  
 Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2  
 PRF: 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us  
 Range(min,max,rqs): 97,3634,7.5 m, Gates: 472, Aspect: 2.0  
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



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

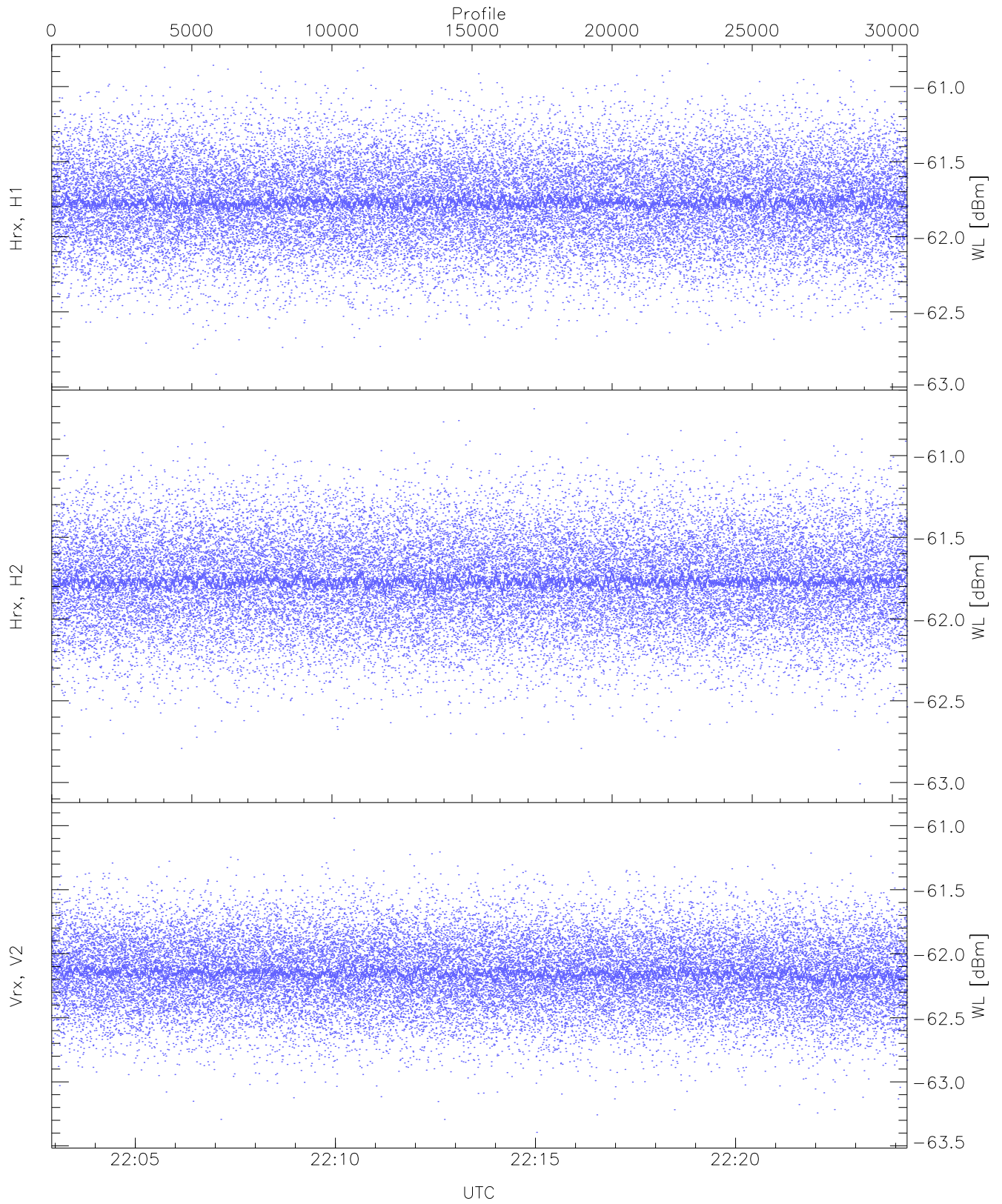
```

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,15,22,20,23
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,17,24,23,25
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
  DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (7,7,7,7,6)
    
```



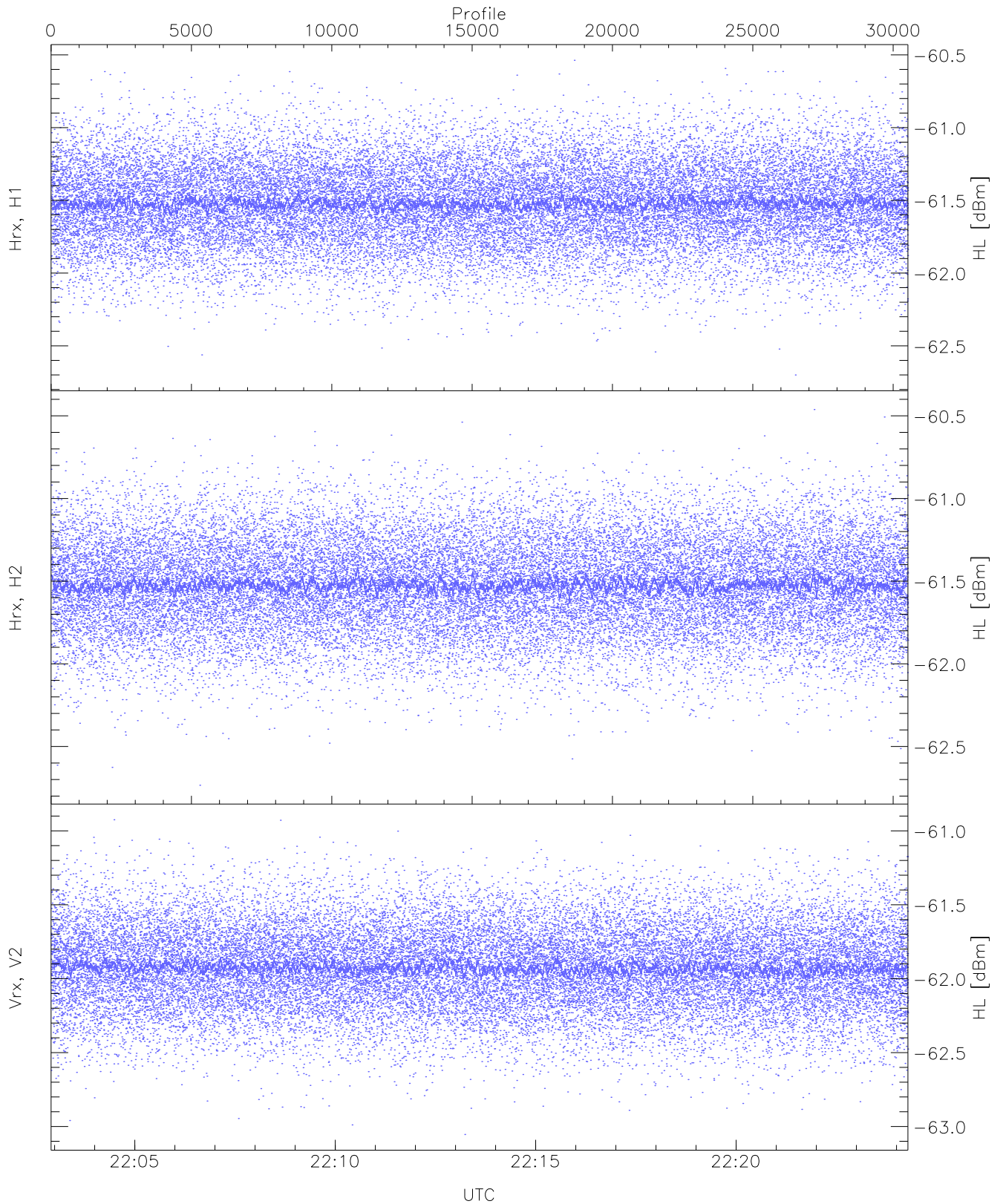
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 97 pixs, 10 gates, 50 profs, 1 prods



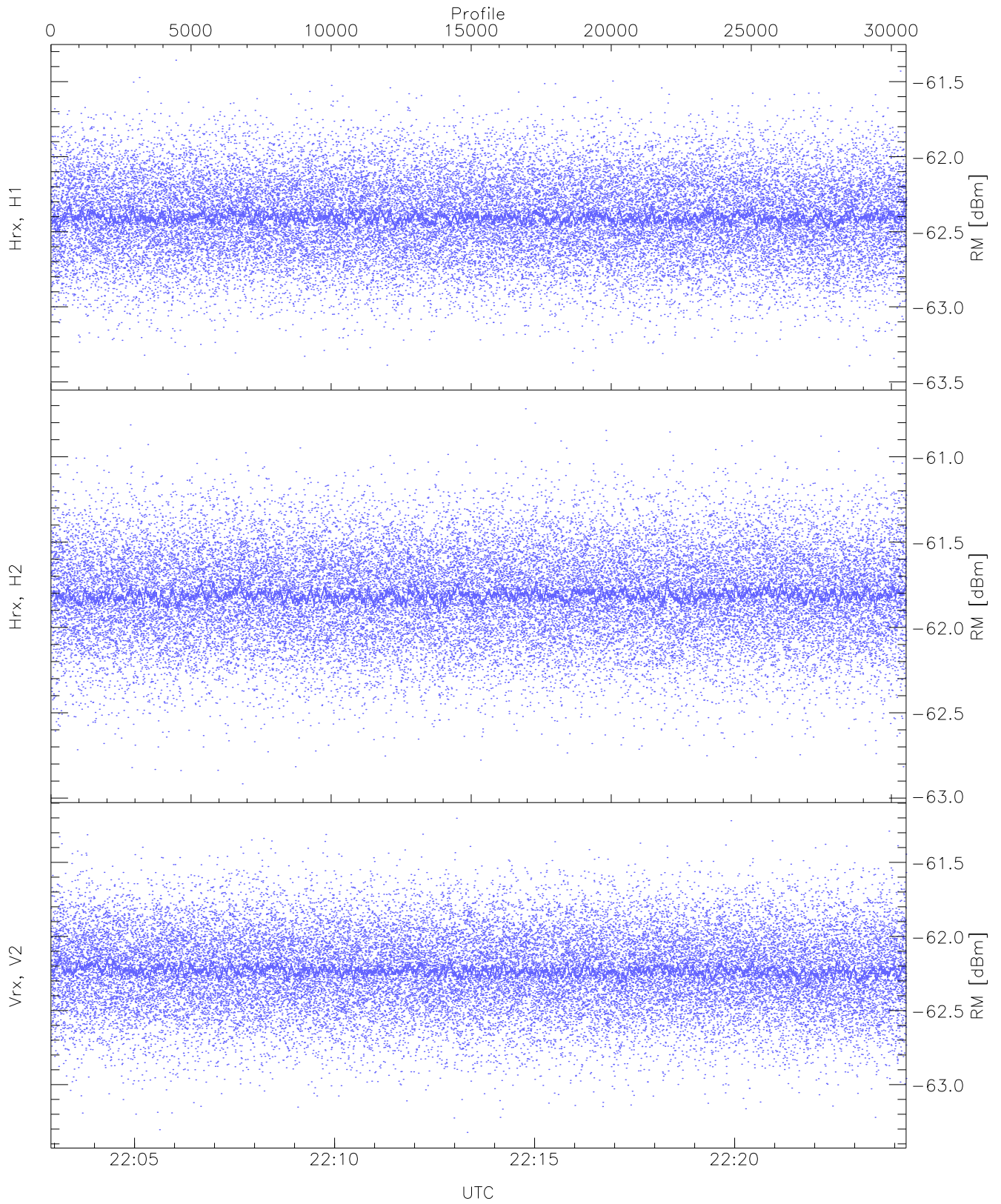
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-62.92	-60.82	-61.77	-61.77	-73.92
Hrx, H2 (WL [dBm])	-63.01	-60.71	-61.76	-61.77	-73.97
Vrx, V2 (WL [dBm])	-63.39	-60.94	-62.15	-62.16	-74.33



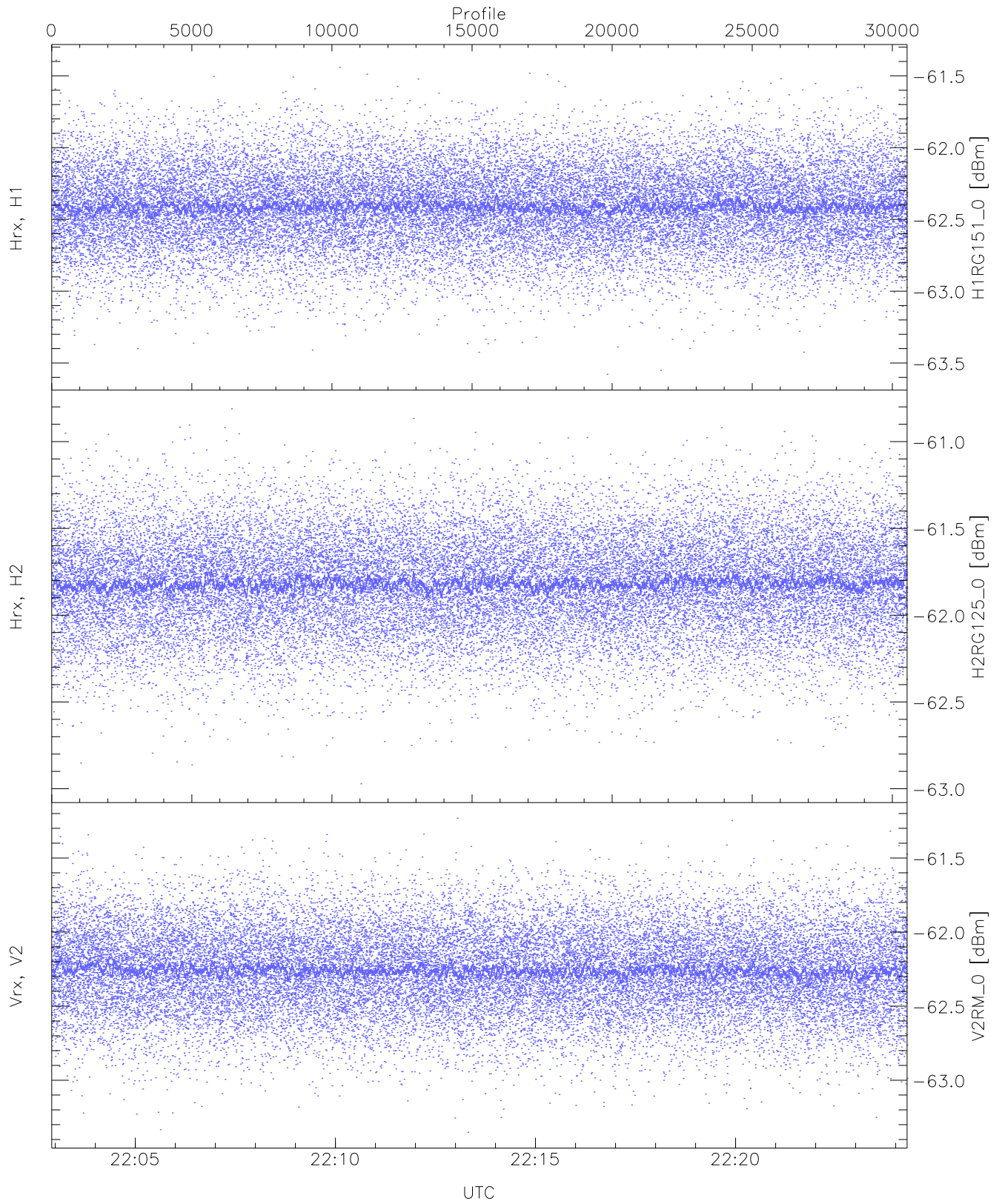
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.70	-60.54	-61.52	-61.52	-73.69
Hrx, H2 (HL [dBm])	-62.73	-60.46	-61.52	-61.53	-73.71
Vrx, V2 (HL [dBm])	-63.05	-60.93	-61.92	-61.93	-74.08



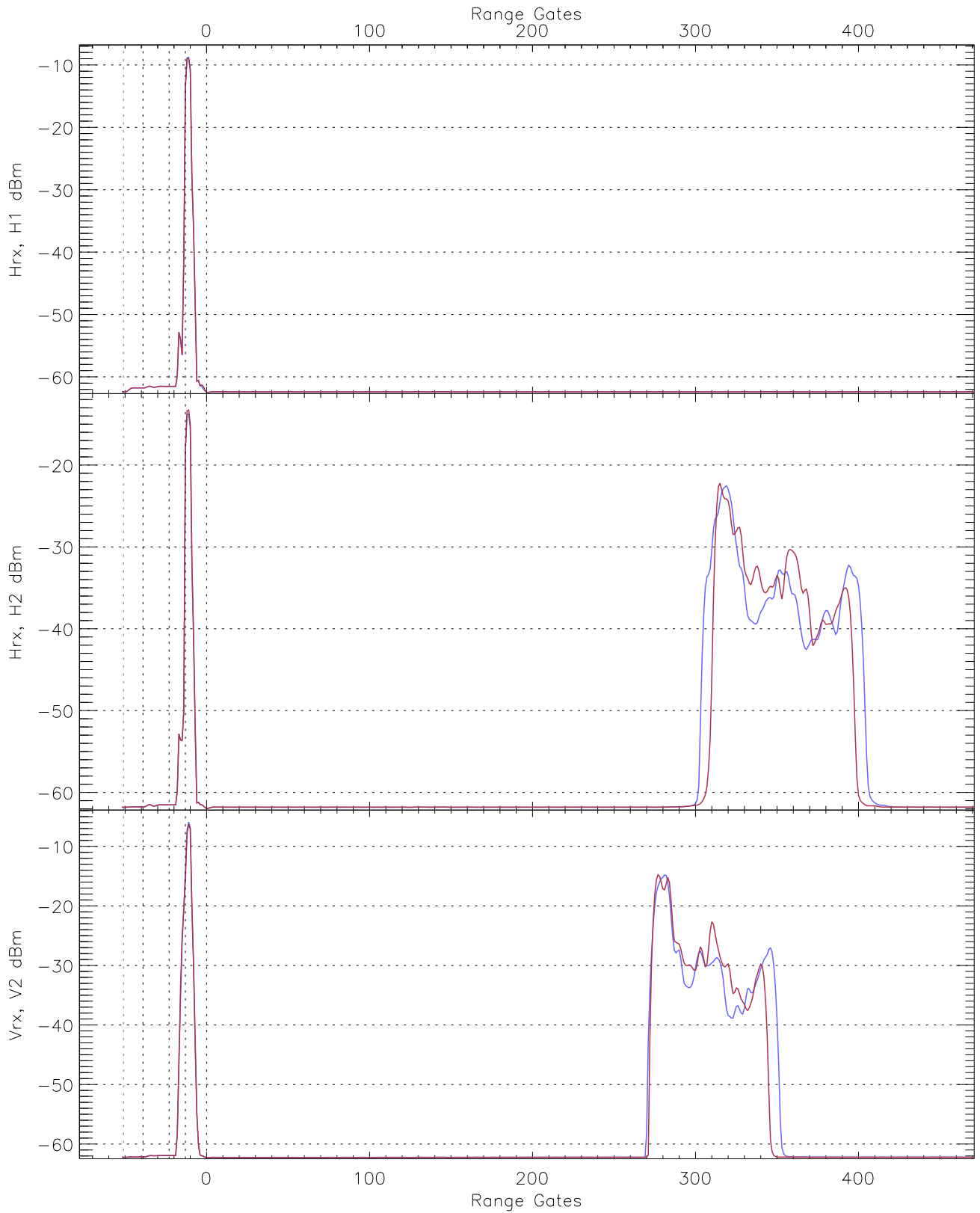
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.45	-61.36	-62.40	-62.41	-74.58
Hrx, H2 (RM [dBm])	-62.92	-60.72	-61.81	-61.81	-73.98
Vrx, V2 (RM [dBm])	-63.32	-61.20	-62.23	-62.23	-74.39



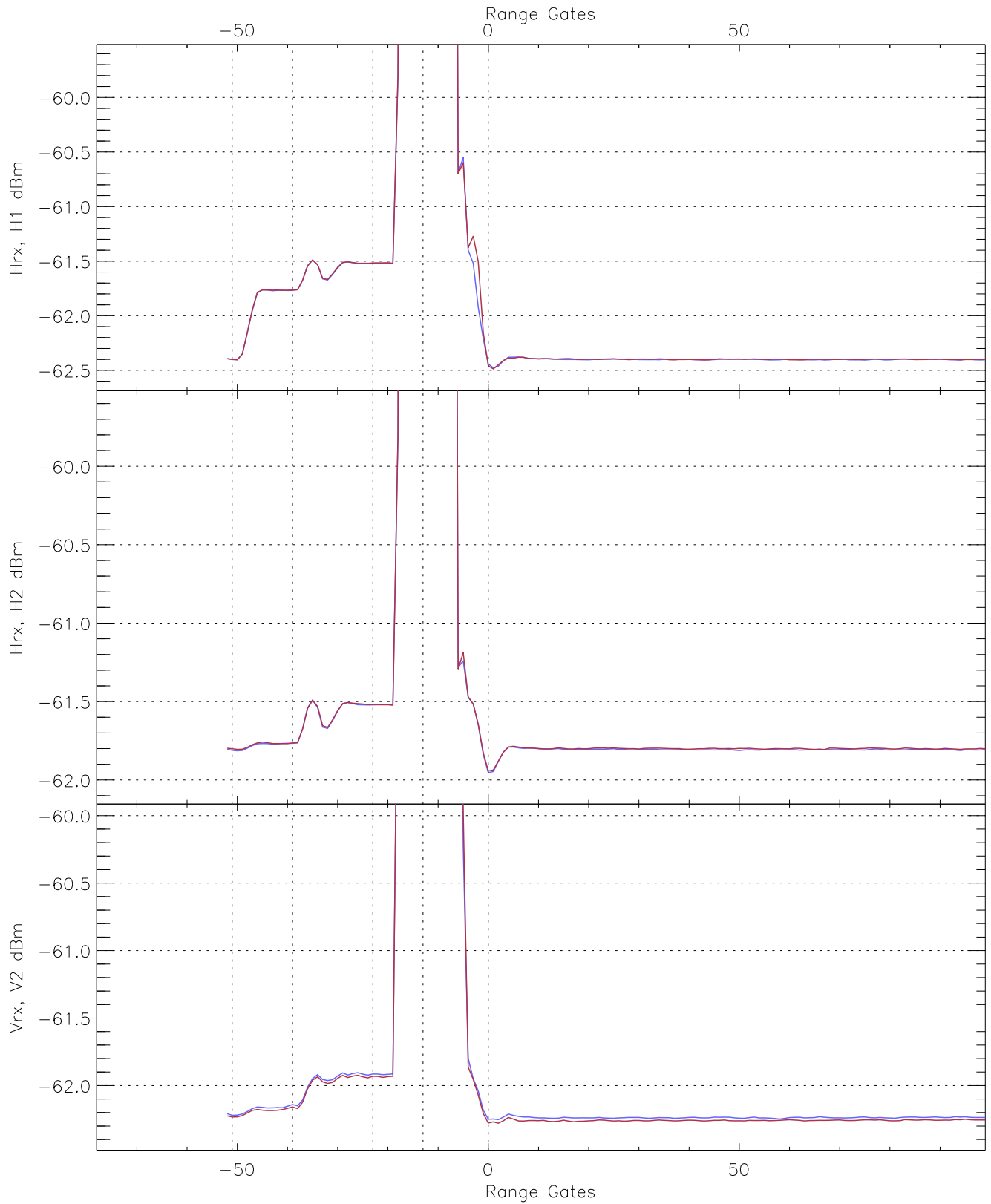
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG151_0 [dBm]	-63.58	-61.39	-62.41	-62.41	-74.58
H2RG125_0 [dBm]	-62.97	-60.81	-61.81	-61.82	-74.03
V2RM_0 [dBm]	-63.35	-61.23	-62.26	-62.26	-74.42

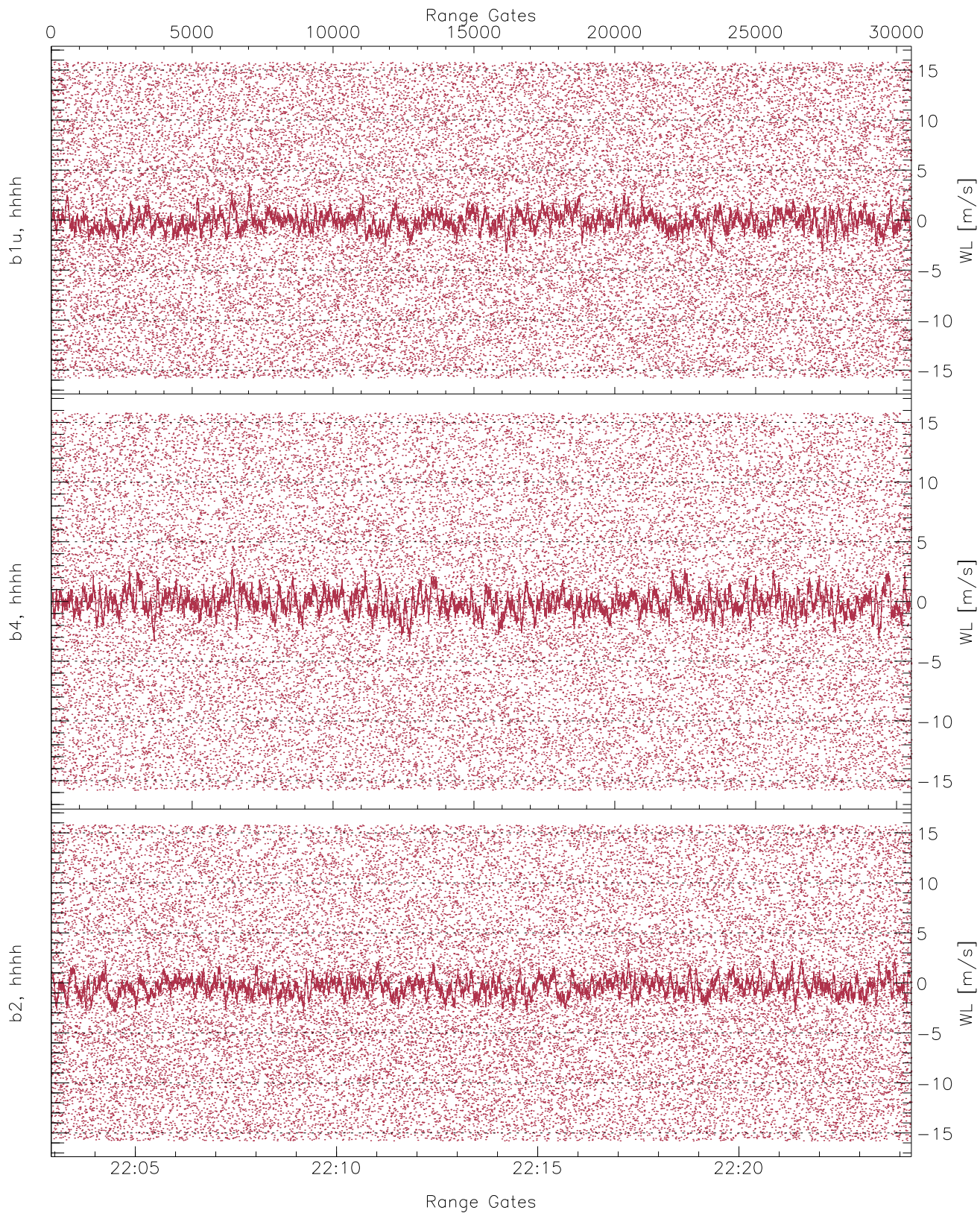


WCR2 CPP Averaged Received power for all recorded gates  
blue: 220255-221336, 15264 profiles averaged  
red: 221336-222417, 15264 profiles averaged

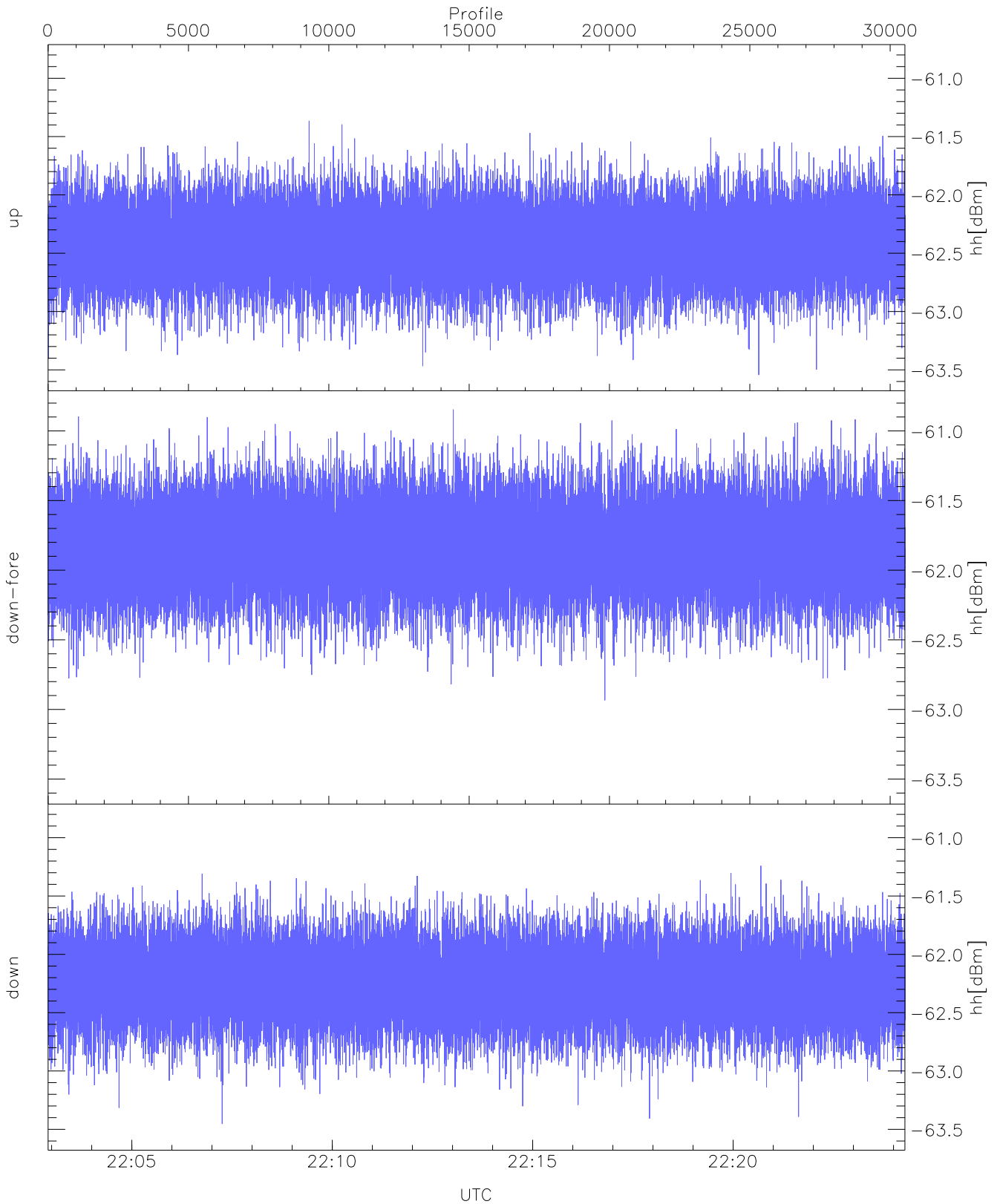




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 220255-221336, 15264 profiles averaged  
red: 221336-222417, 15264 profiles averaged

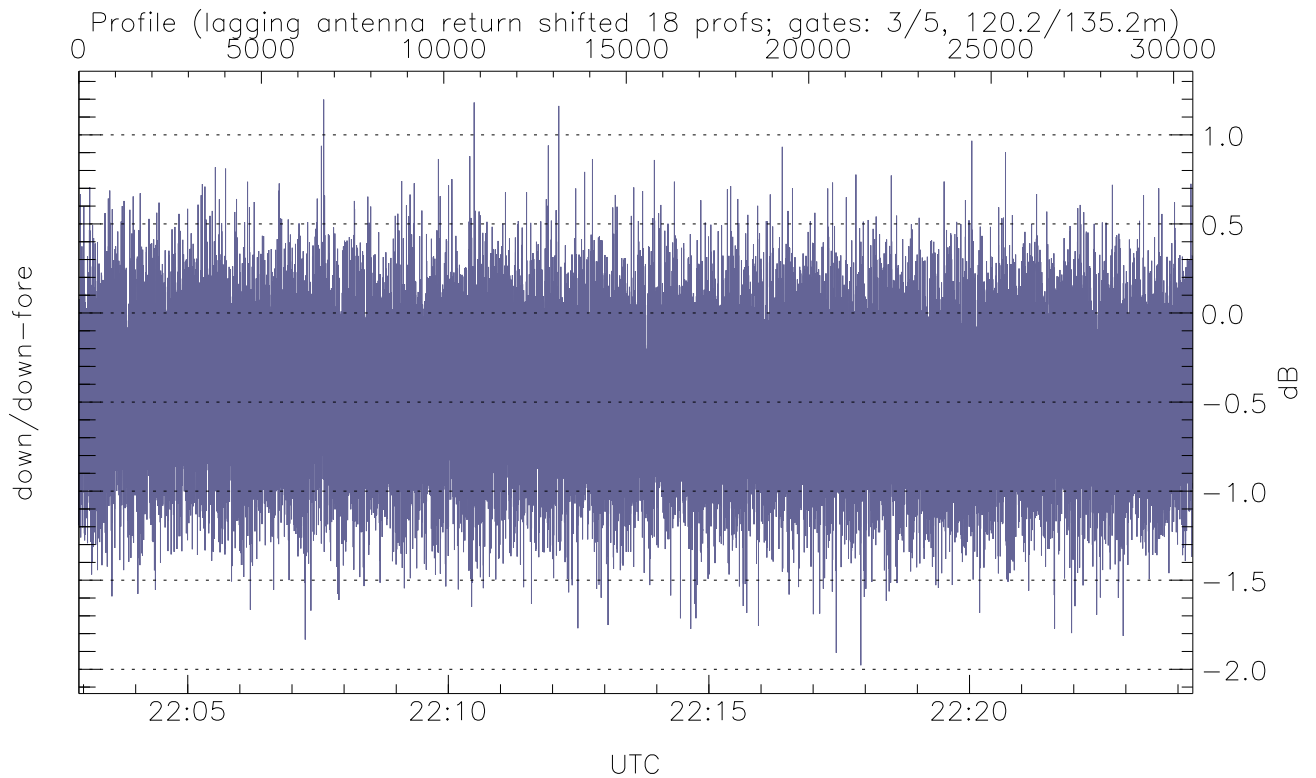
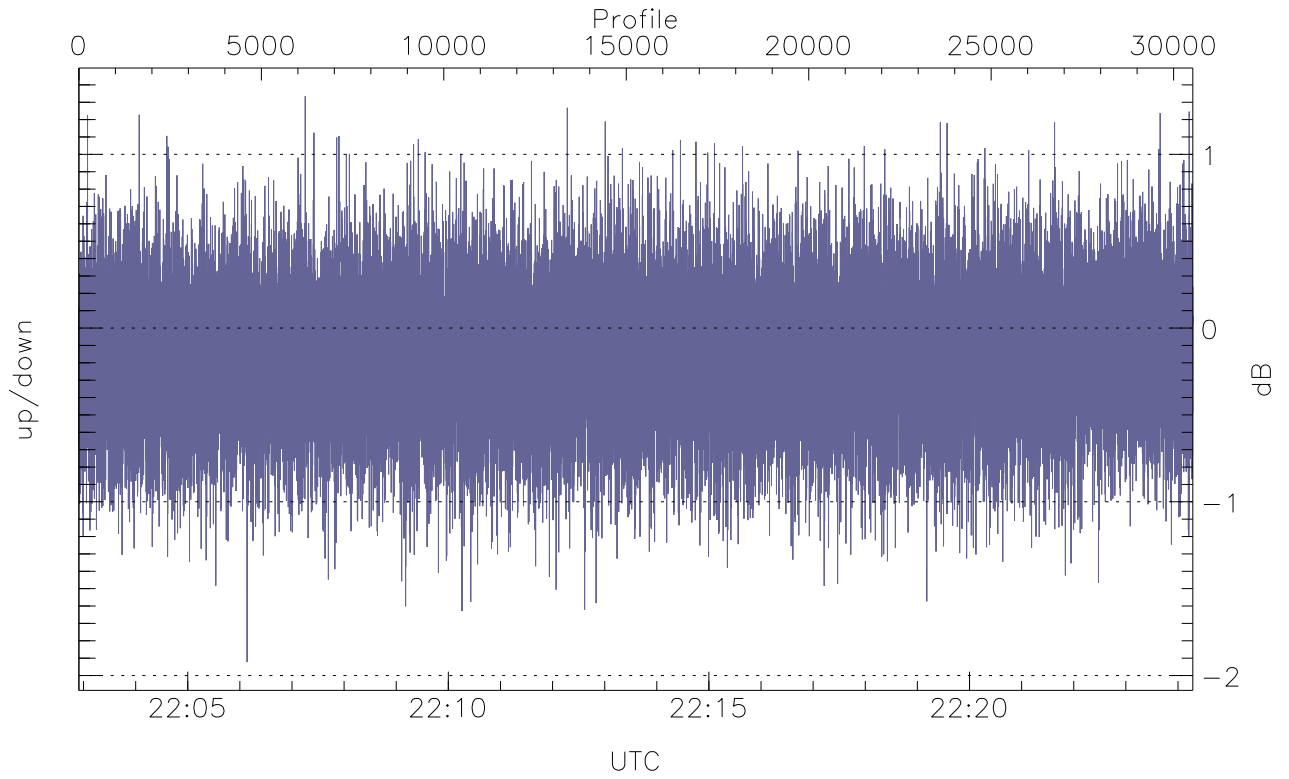


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



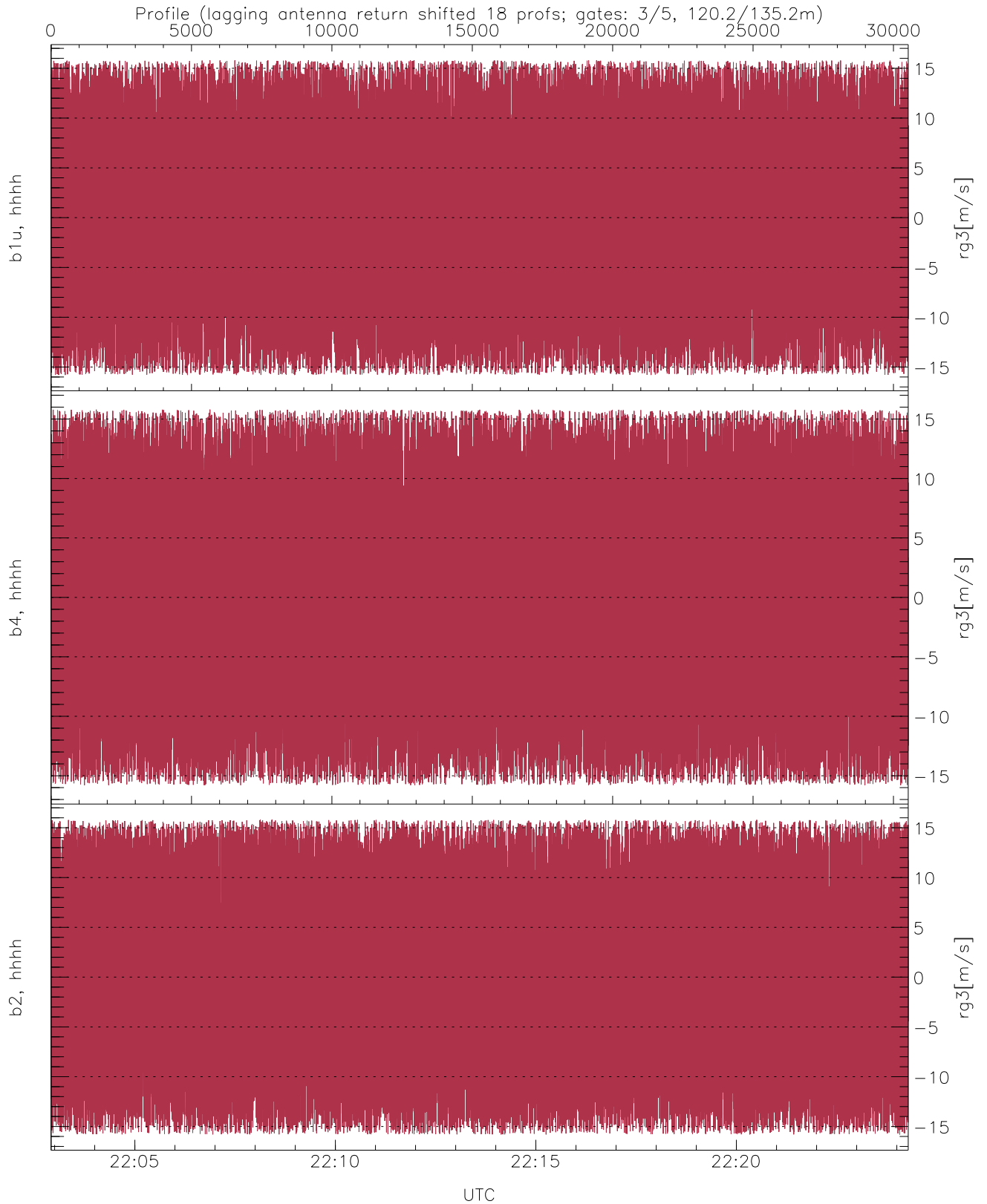
WCR2 CPP Received Power Products for Range gate 3 (120.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.54	-61.37	-62.41
down-fore(hh[dBm])	-62.93	-60.85	-61.82
down(hh[dBm])	-63.45	-61.24	-62.25



WCR2 Beam pairs Received Power Ratio(s); RangeGate: 3 (120 m)

	Min	Max	Mean
up/down (dB)	-1.92	1.33	-0.16
down/down-fore (dB)	-1.98	1.20	-0.46



WCR2 CPP Doppler Velocity Products at 120.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.80	15.80	-0.17	8.96
b4, hhhh(rg3[m/s])	-15.80	15.80	-0.23	8.95
b2, hhhh(rg3[m/s])	-15.80	15.80	-0.28	9.17