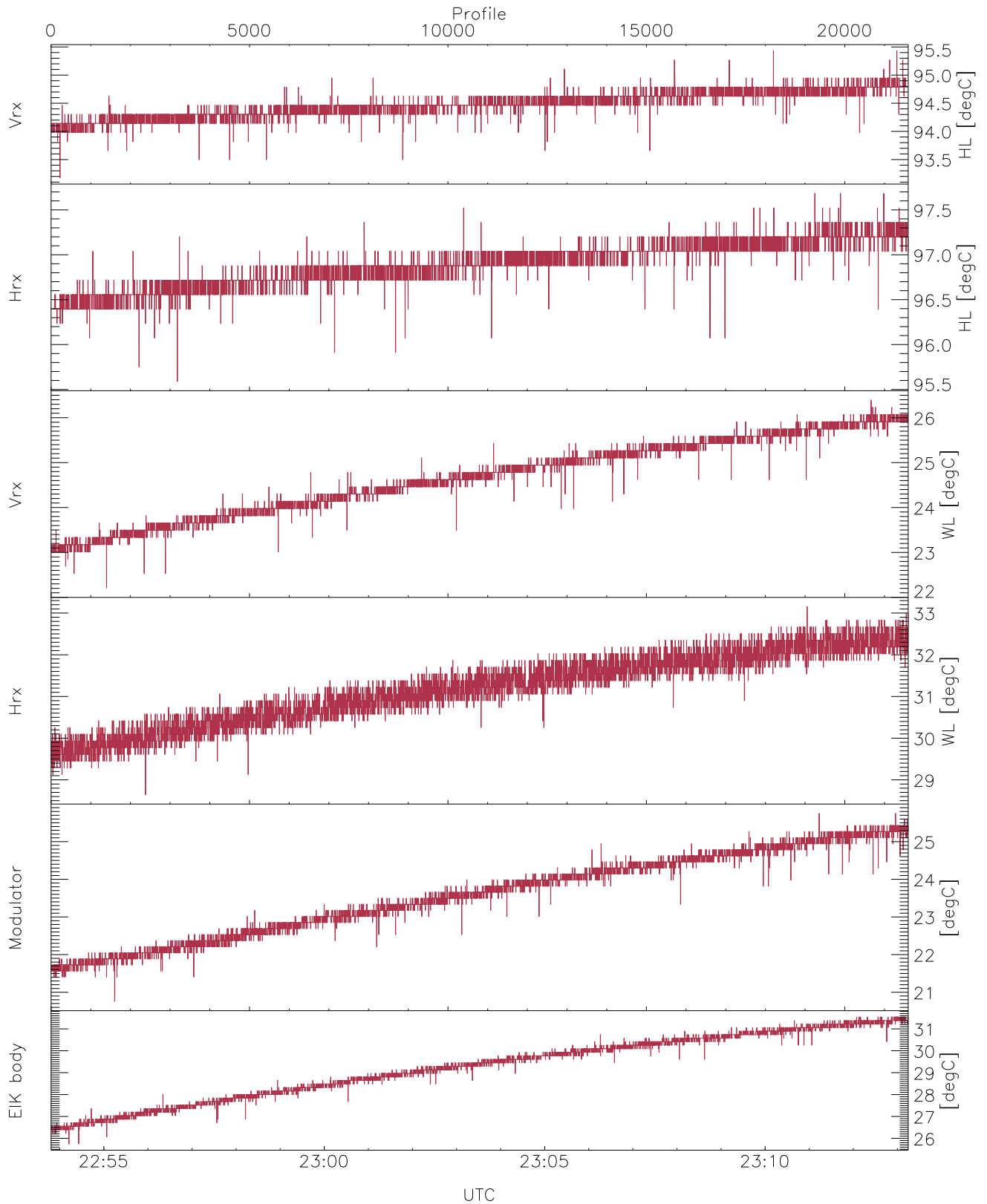


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

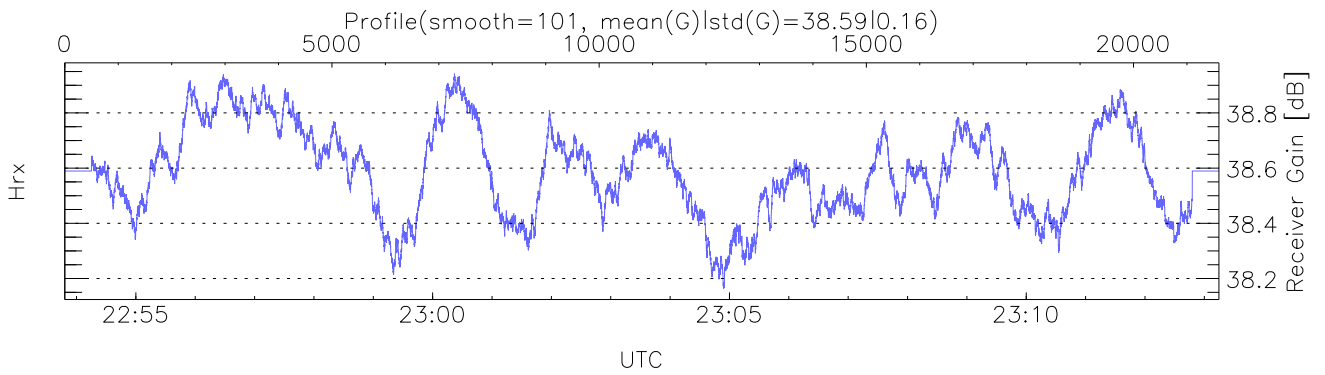
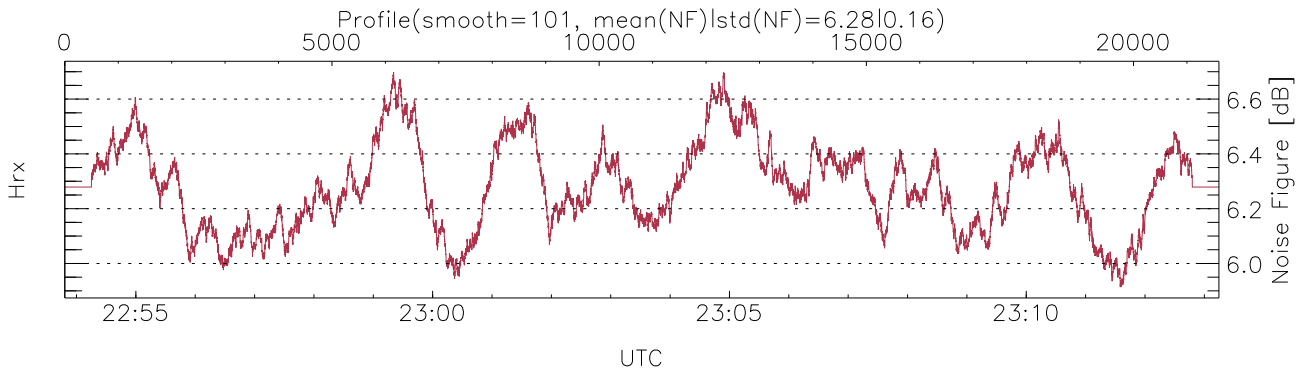
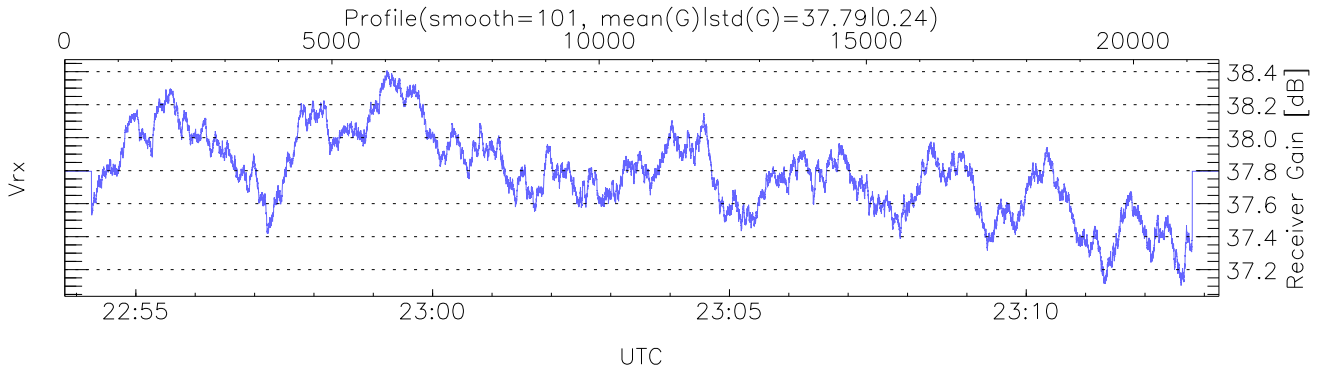
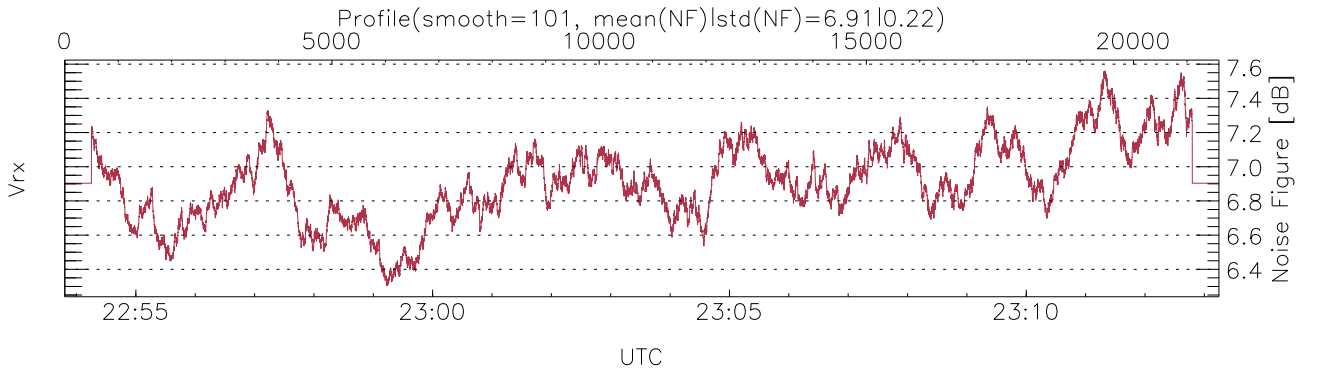
UTC: 22:53:48-23:38:32, Dur: 2684.20s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 54.0,54.0,54.0,0.0 ms / 19,19,19
 NumRec(r/t): 21600/49696, 0-21599/22:53:48-23:13:15
 AcqTime: 54.0ms, Rate: 287KB/s, Averages: 180
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us
 Range(min,max,rqs): 105,6037,15.0 m, Gates: 396, Aspect: 3.1
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



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

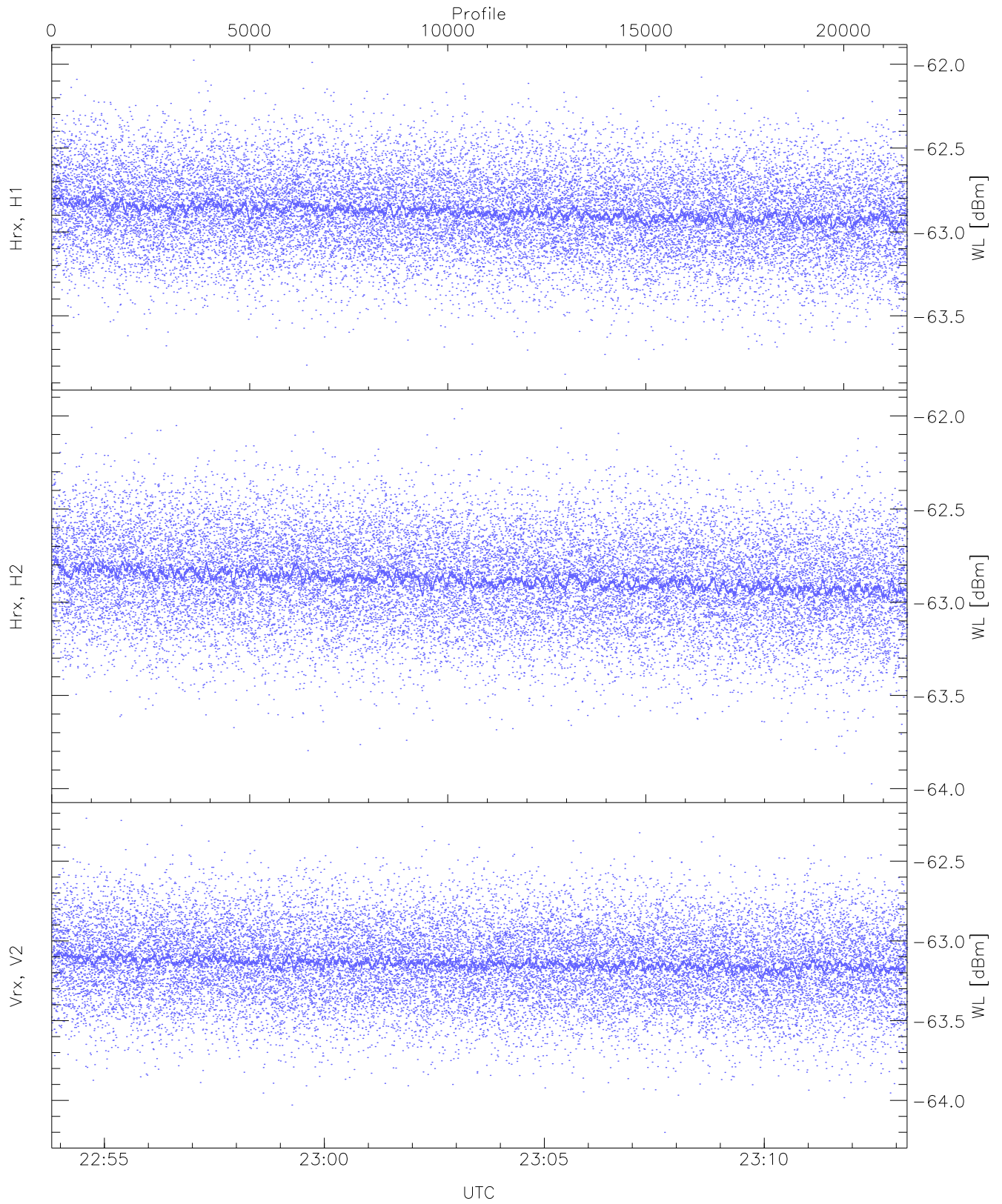
```

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,22,28,20,25
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 95,97,26,33,25,31
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
  DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (5,5,5,5,5,14)
    
```



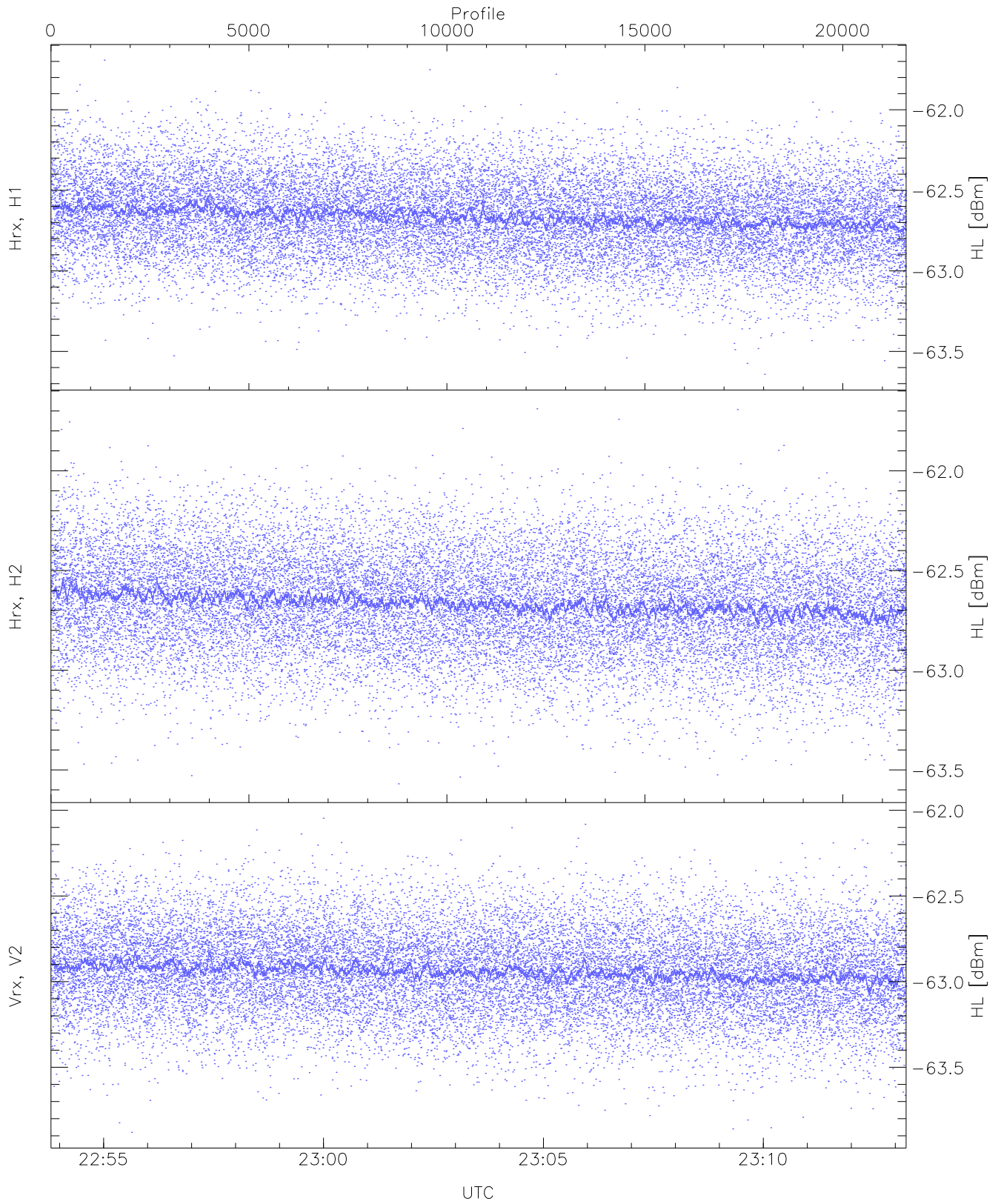
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 3425 pixs, 61 gates, 3293 profs, 2 prods



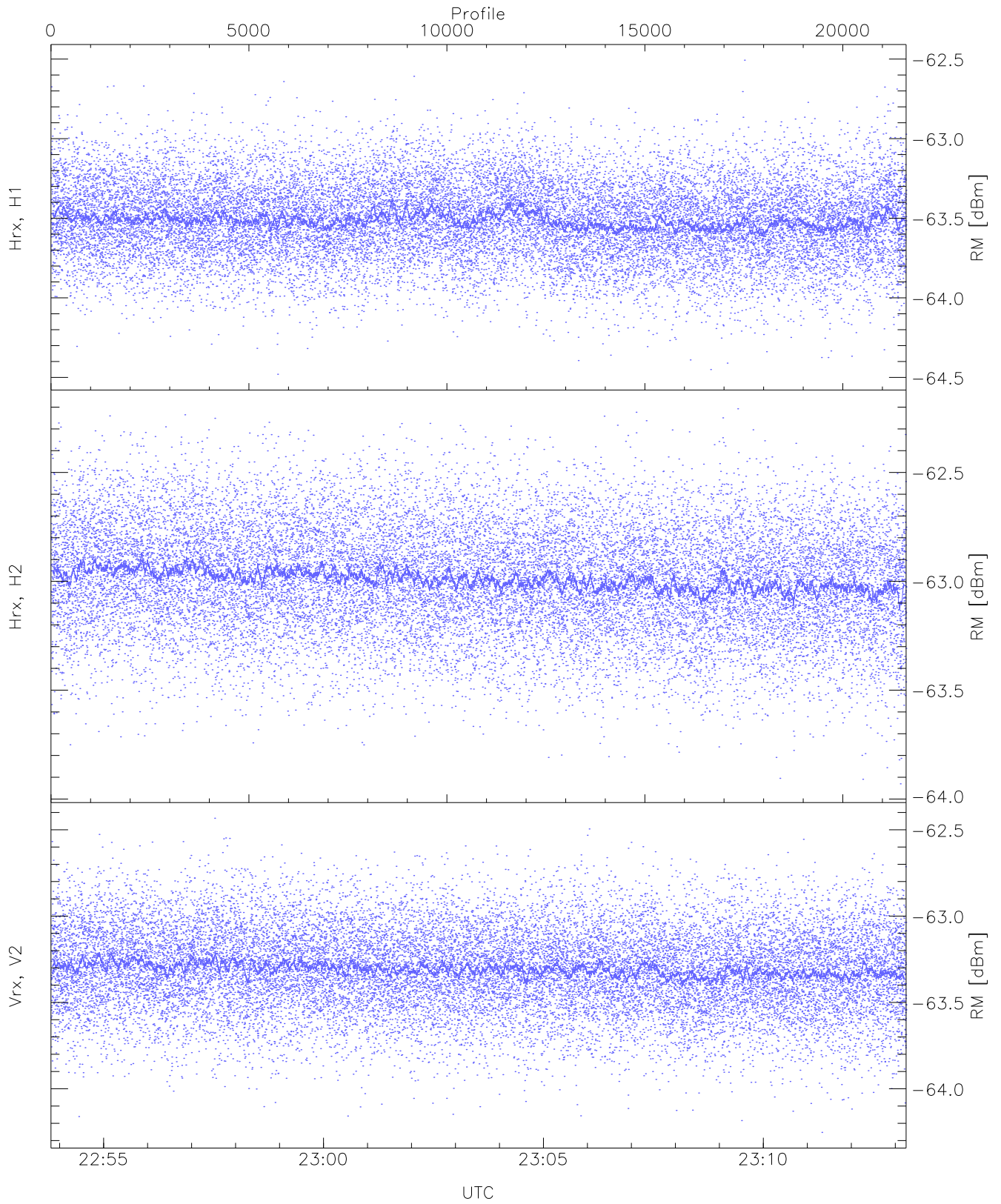
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-63.85	-61.98	-62.88	-62.88	-75.60
Hrx, H2 (WL [dBm])	-63.97	-61.96	-62.88	-62.88	-75.52
Vrx, V2 (WL [dBm])	-64.20	-62.23	-63.14	-63.14	-75.80



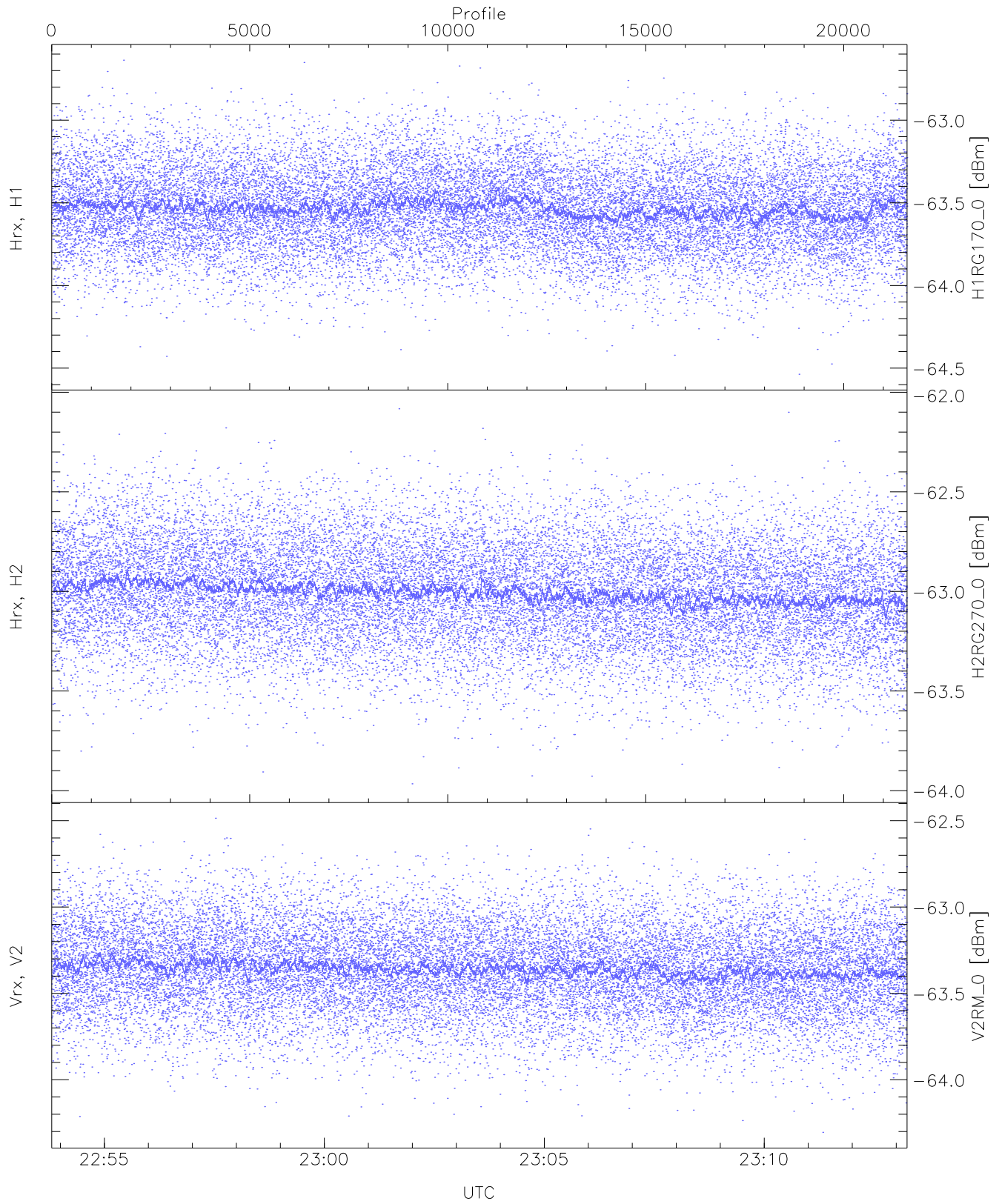
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.64	-61.69	-62.66	-62.66	-75.35
Hrx, H2 (HL [dBm])	-63.57	-61.69	-62.66	-62.67	-75.30
Vrx, V2 (HL [dBm])	-63.88	-62.05	-62.94	-62.94	-75.61



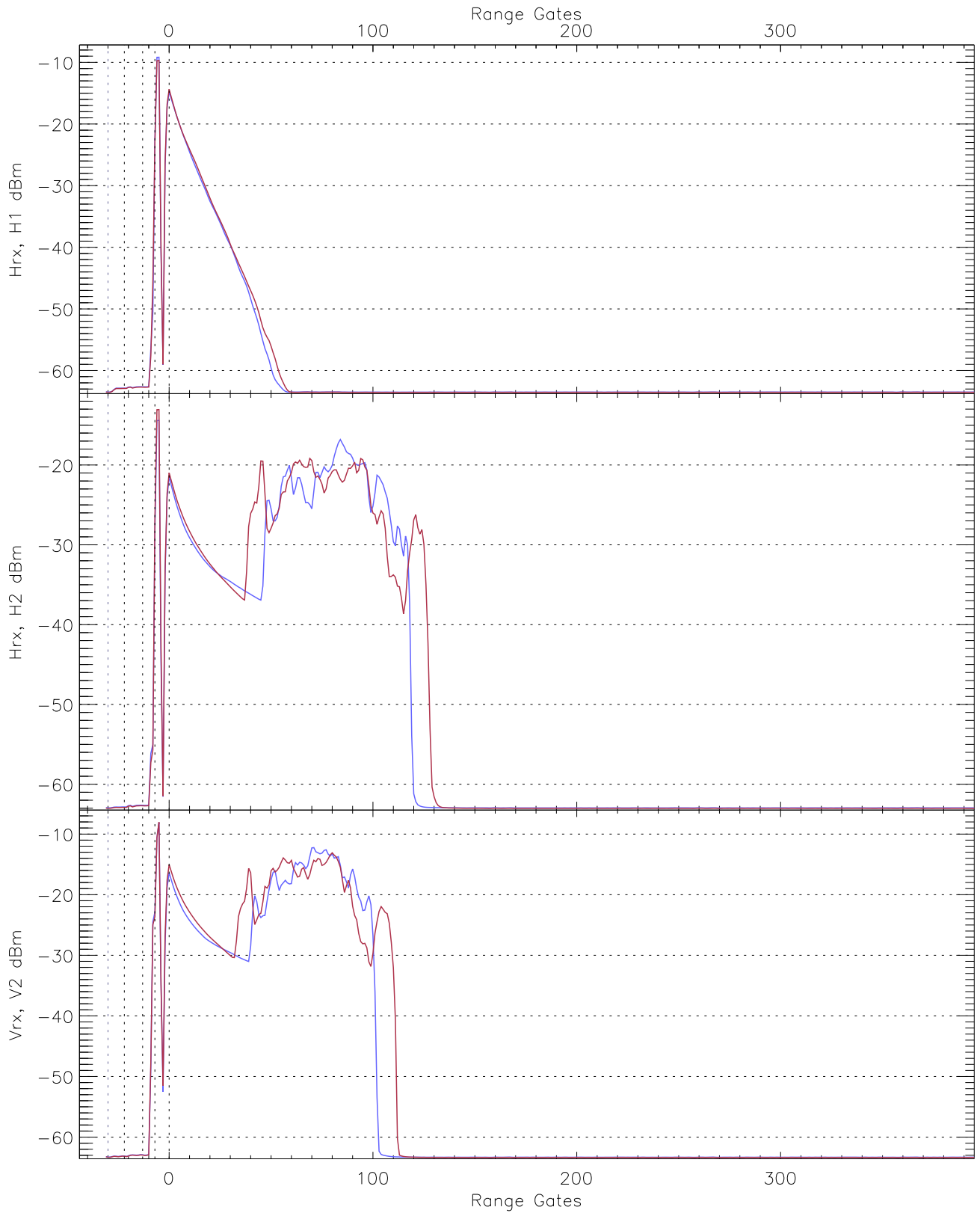
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-64.48	-62.51	-63.51	-63.52	-76.18
Hrx, H2(RM [dBm])	-63.93	-62.21	-62.99	-62.99	-75.64
Vrx, V2(RM [dBm])	-64.25	-62.43	-63.30	-63.31	-76.00

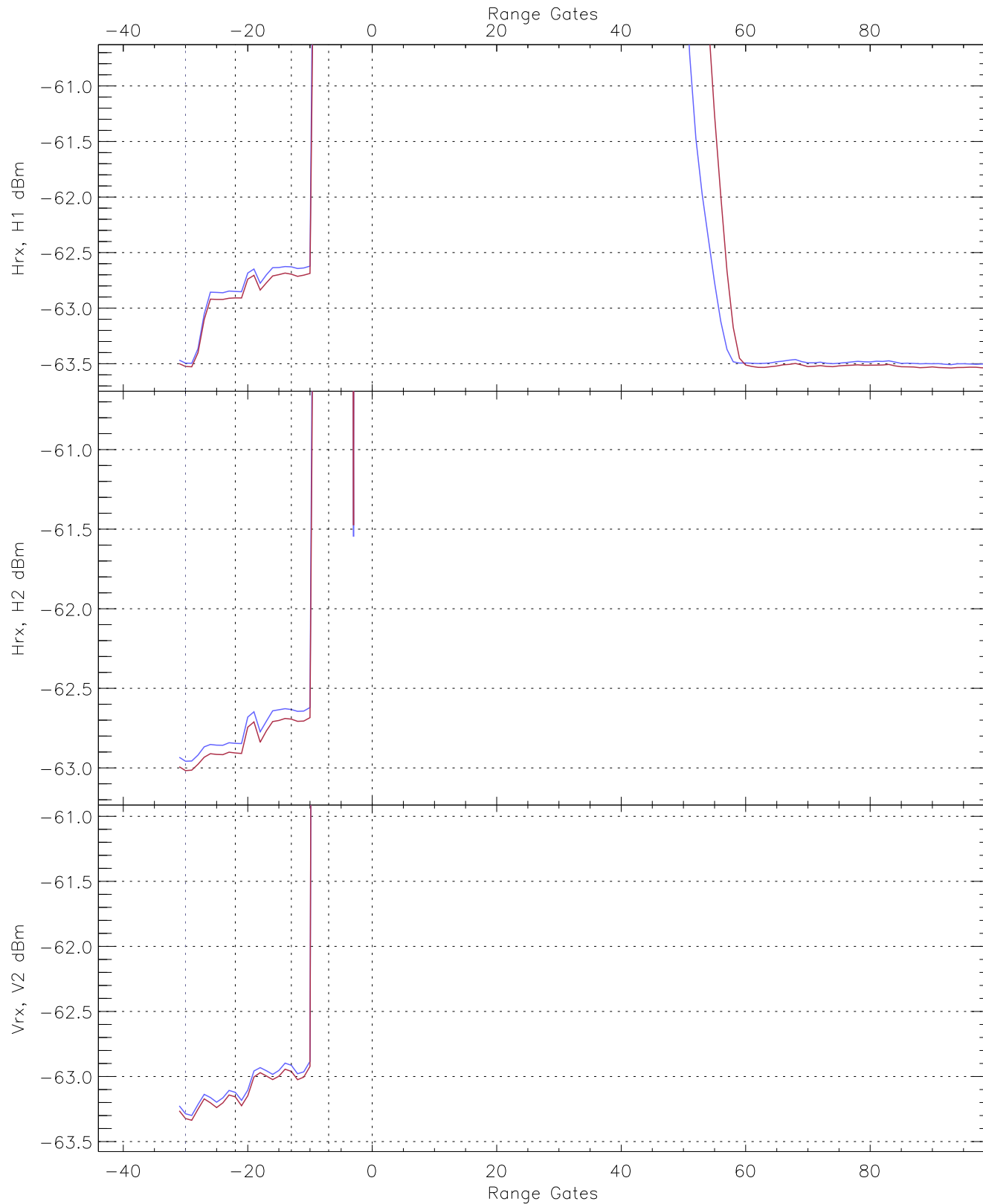


WCR2 CPP "Best" estimate Receivers Noise Power

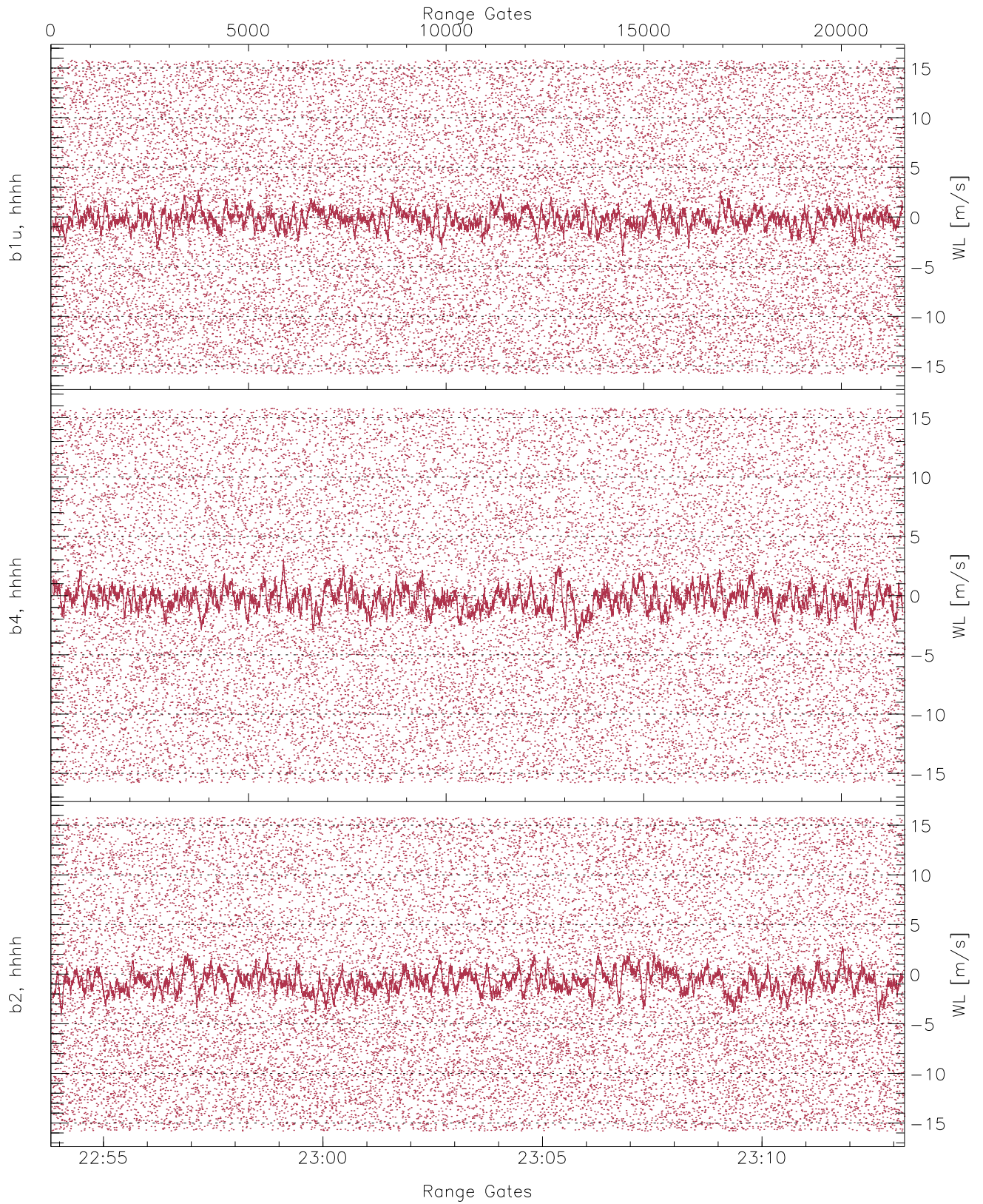
	Min	Max	Mean	Median	StDev
H1RG170_0 [dBm]	-64.54	-62.64	-63.53	-63.54	-76.20
H2RG270_0 [dBm]	-63.97	-62.08	-63.00	-63.01	-75.66
V2RM_0 [dBm]	-64.30	-62.49	-63.36	-63.36	-76.05



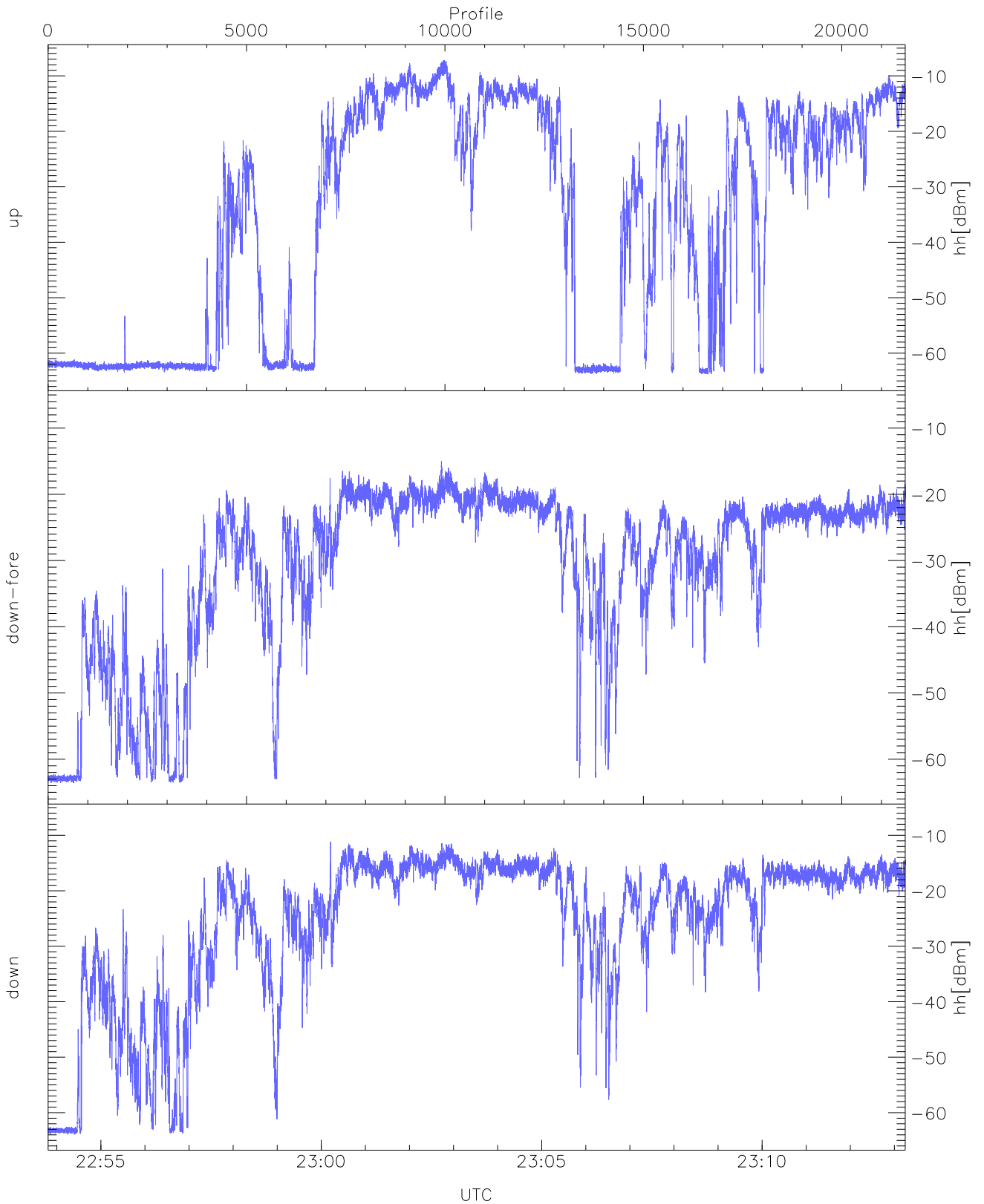
WCR2 CPP Averaged Received power for all recorded gates
blue: 225348-230331, 10801 profiles averaged
red: 230331-231315, 10800 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 225348-230331, 10801 profiles averaged
red: 230331-231315, 10800 profiles averaged

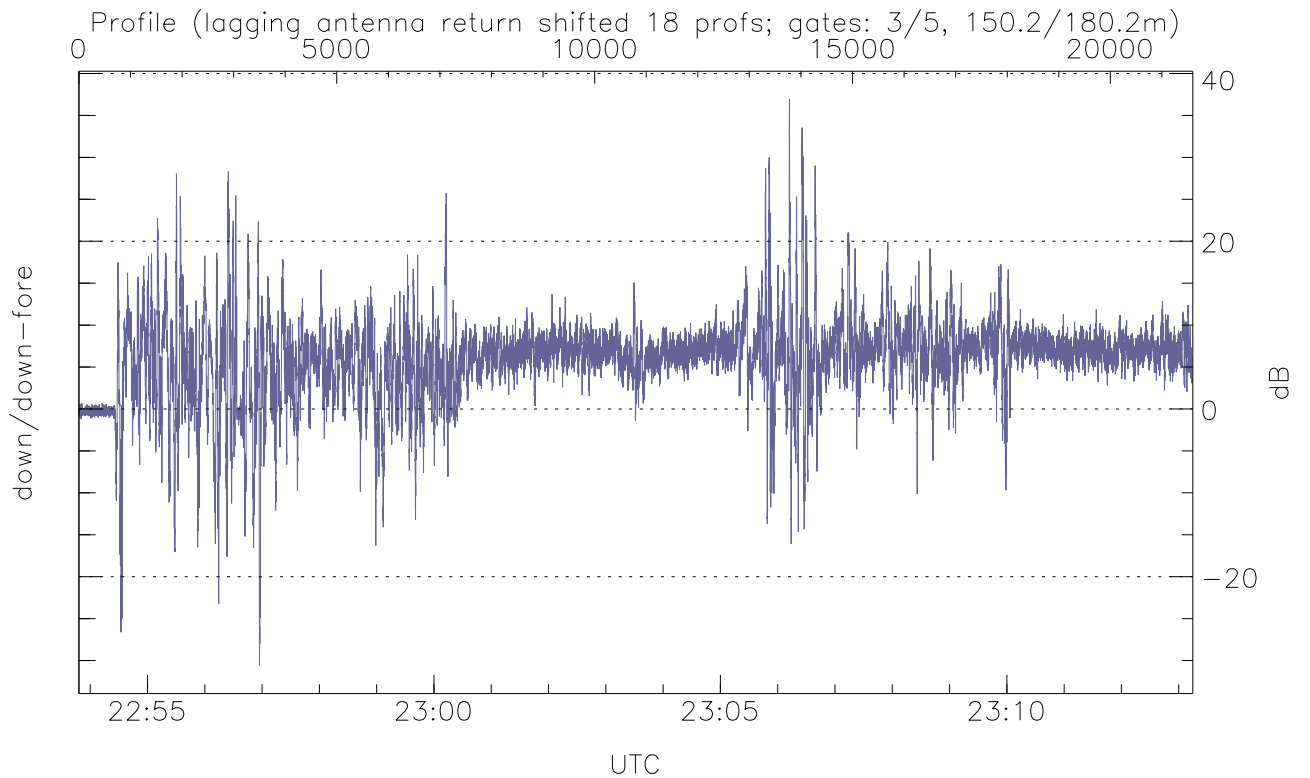
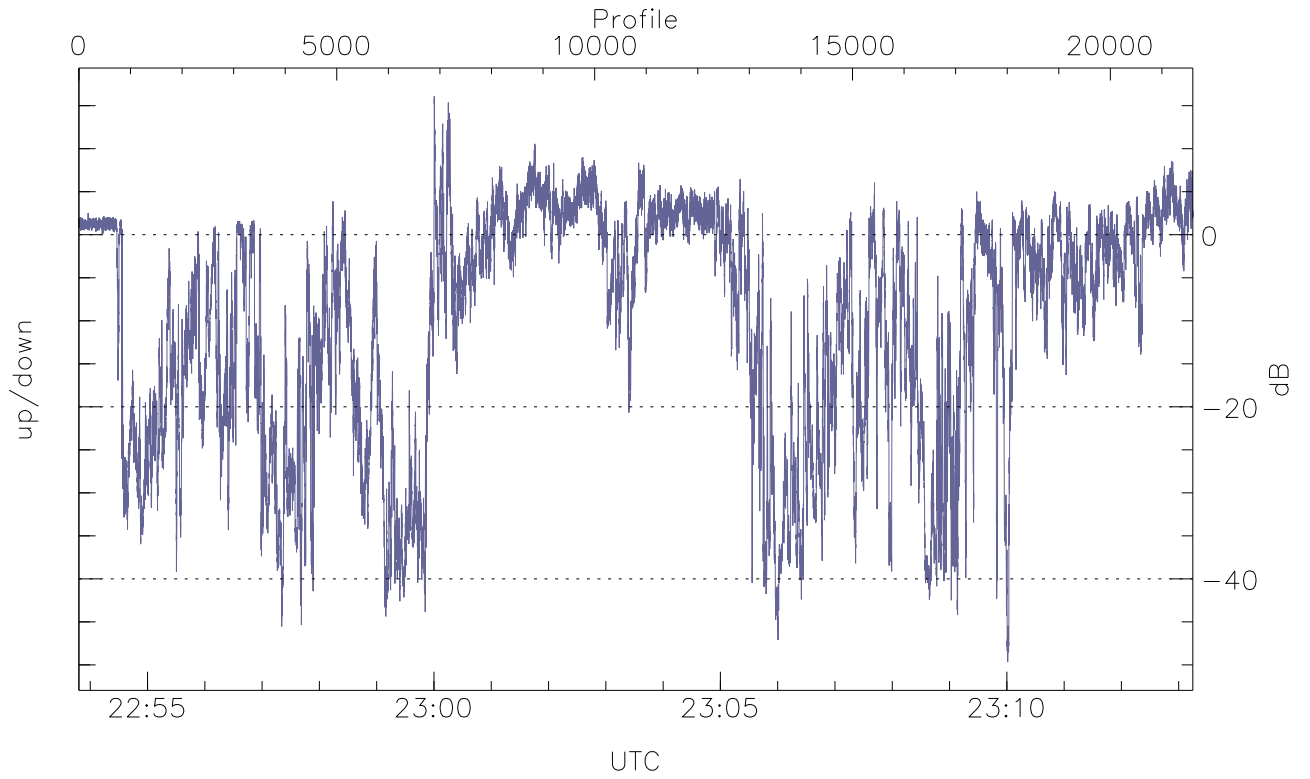


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



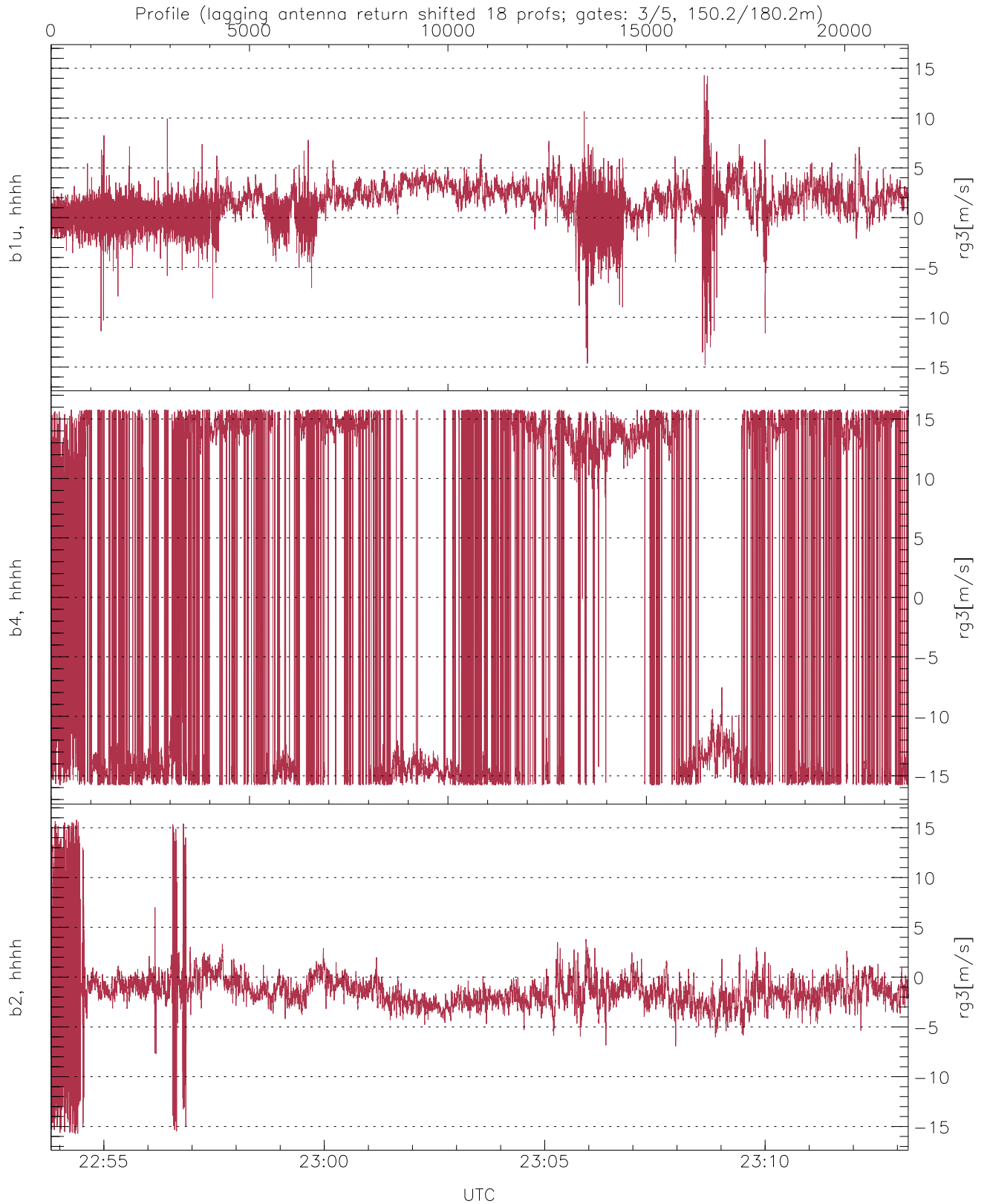
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.78	-7.20	-17.95
down-fore(hh[dBm])	-63.62	-14.96	-24.06
down(hh[dBm])	-63.94	-11.15	-18.80



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

	Min	Max	Mean
up/down (dB)	-49.67	16.09	-10.11
down/down-fore (dB)	-30.56	36.90	5.95



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-14.80	14.29	1.51	1.82
b4, hhhh(rg3[m/s])	-15.80	15.80	0.66	14.30
b2, hhhh(rg3[m/s])	-15.75	15.79	-1.43	2.23