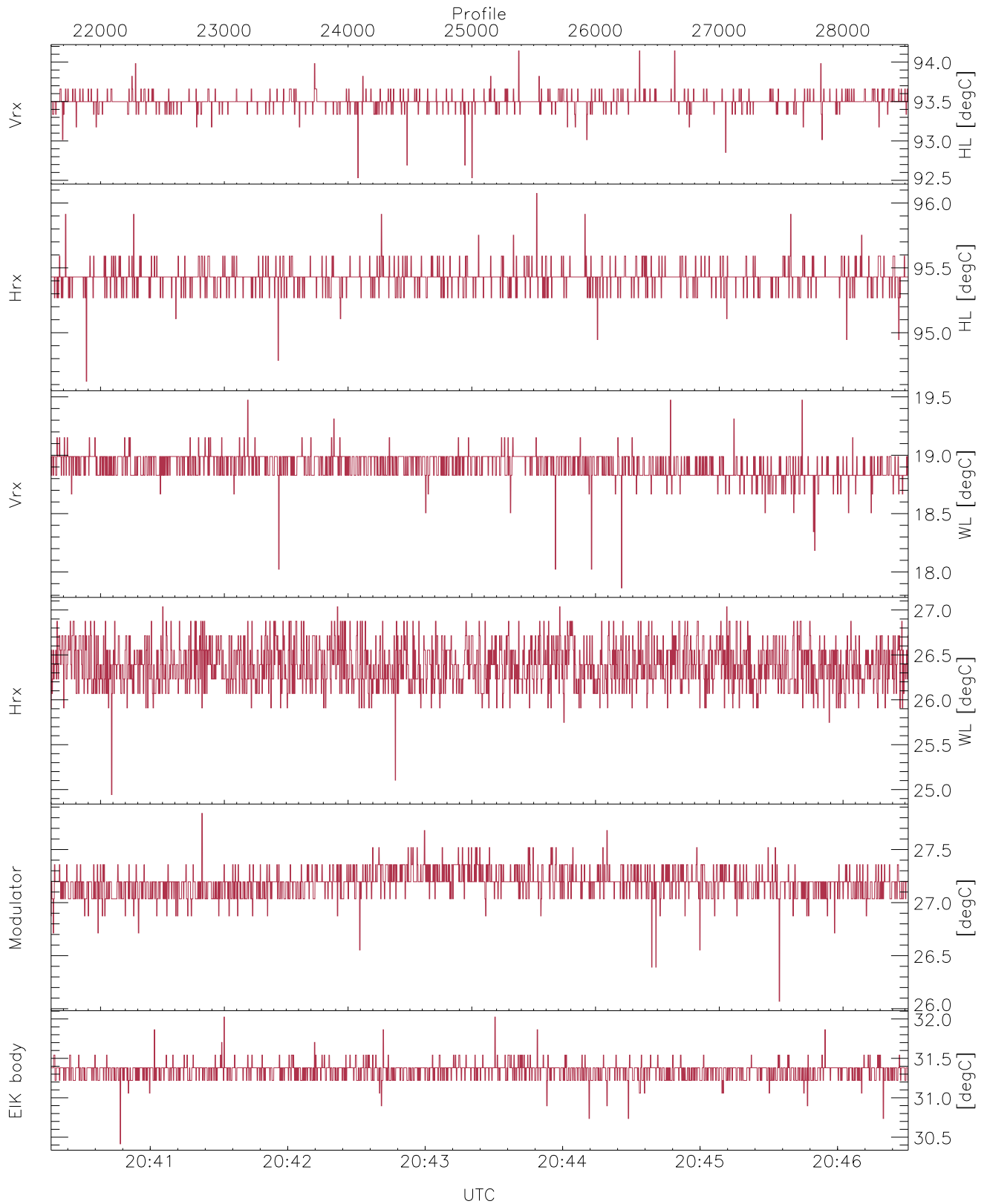


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

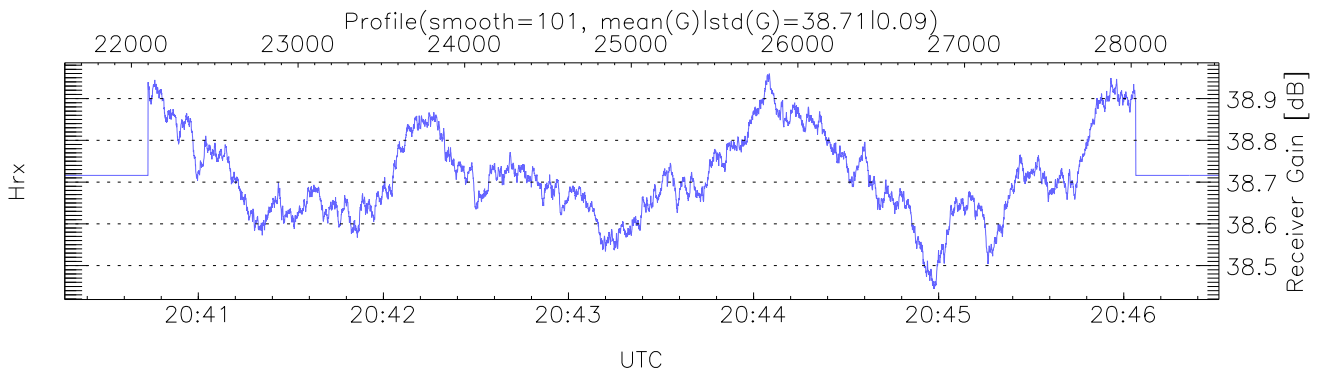
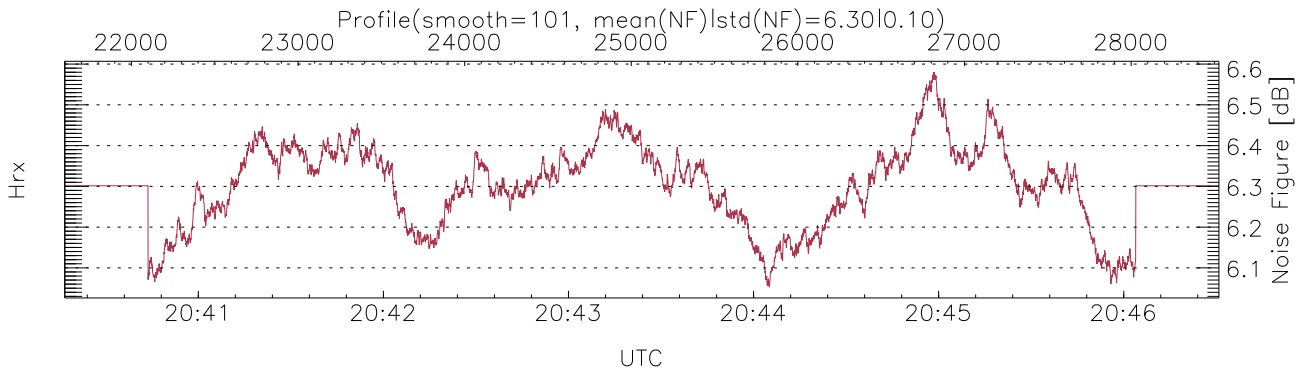
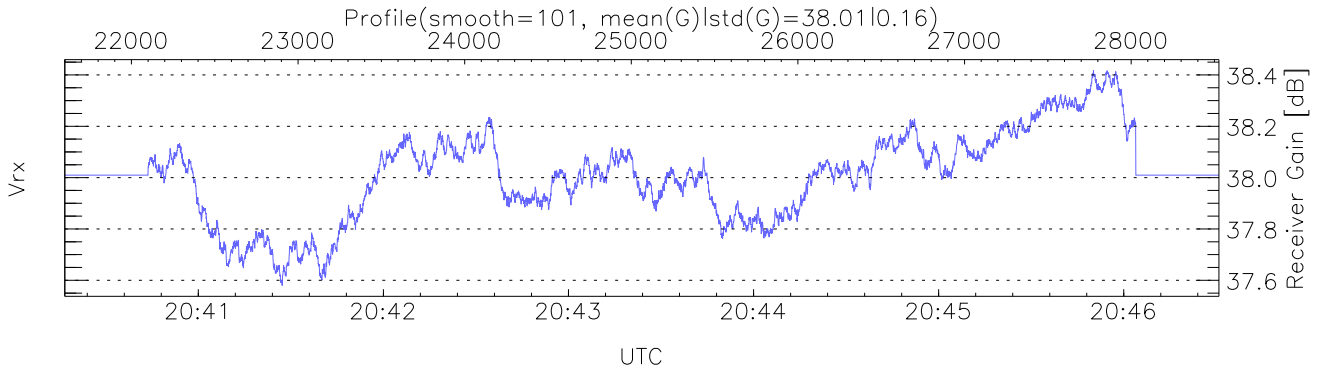
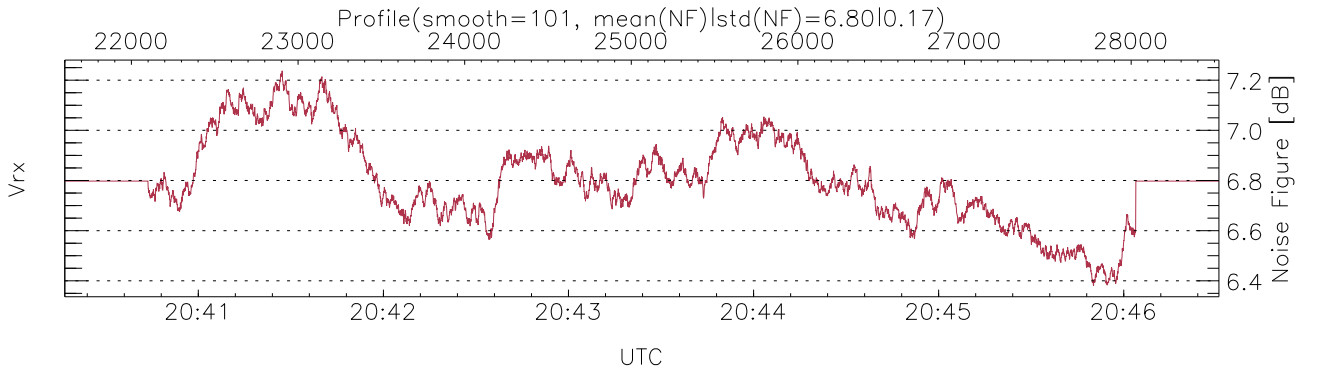
UTC: 20:20:50-20:46:31, Dur: 1540.84s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 54.0,54.0,54.0,0.0 ms / 19,19,19
 NumRec(r/t): 6928/28528, 21600-28527/20:40:17-20:46:31
 AcqTime: 54.0ms, Rate: 287KB/s, Averages: 180
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2
 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

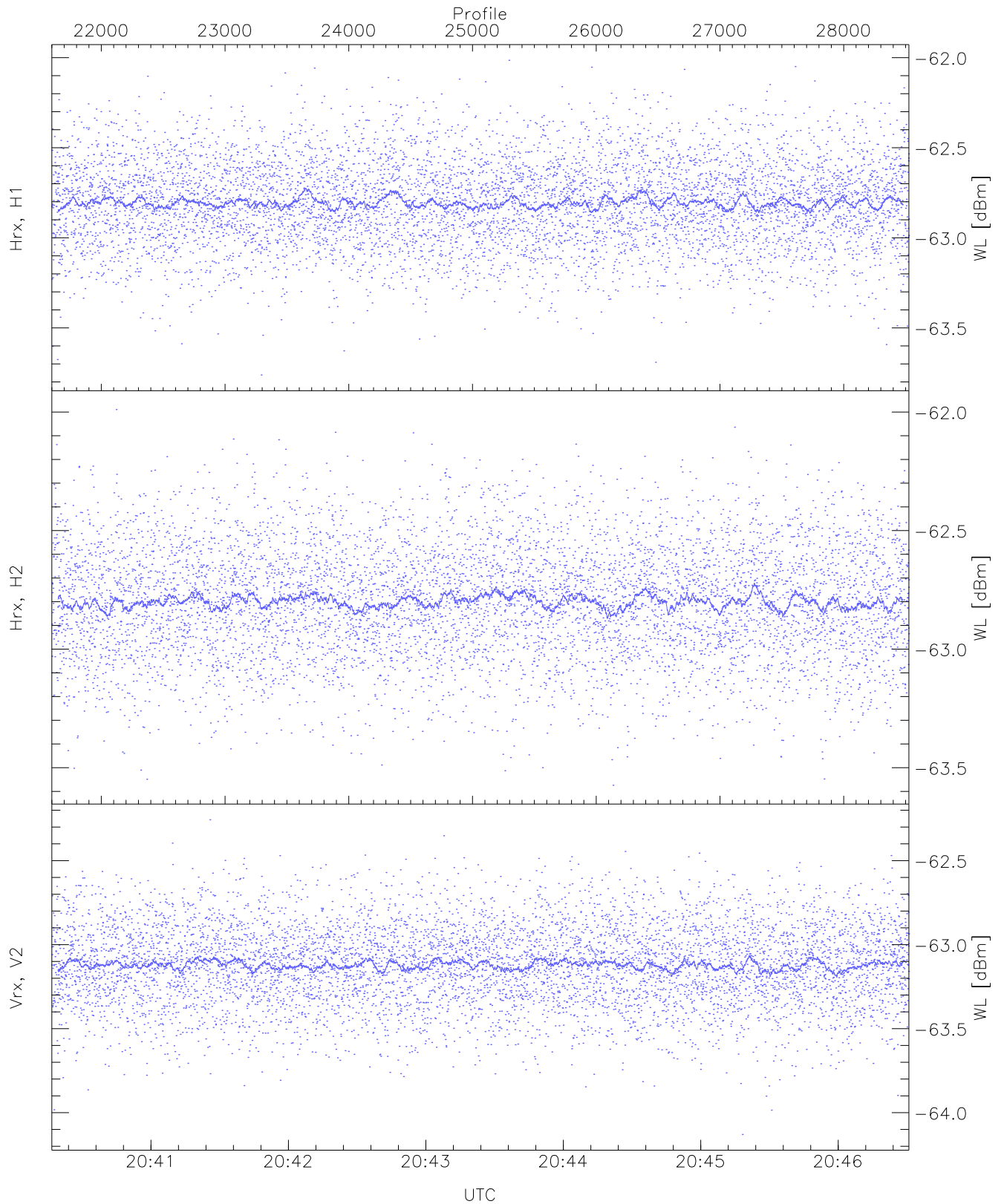
```

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,17,24,26,30
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,19,27,27,32
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
  DeckT, CollT, BodyCurr, DeckF, OverDuty, HVPS (10,10,10,10,10,5)
    
```



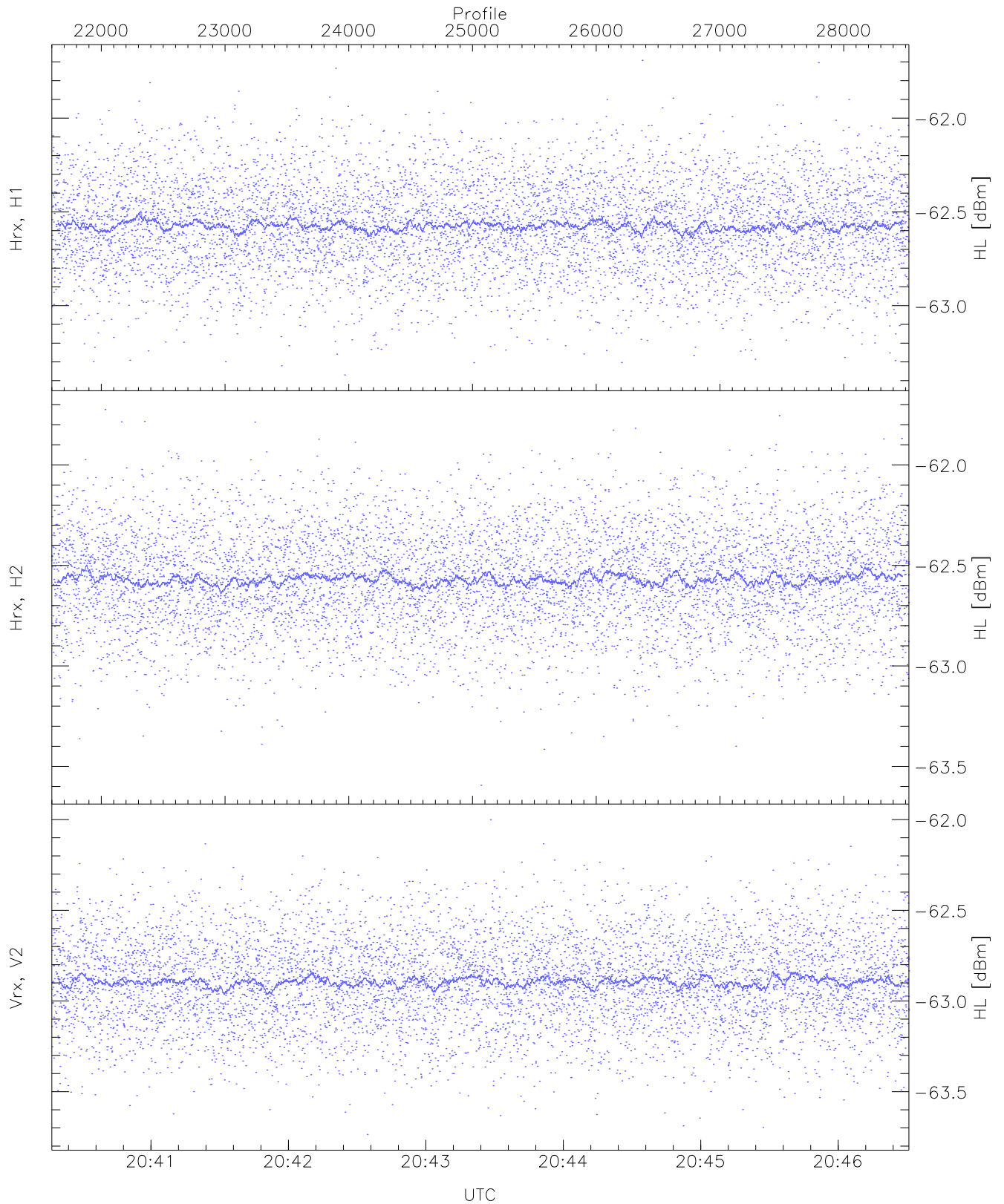
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 221 pixs, 9 gates, 221 profs, 1 prods



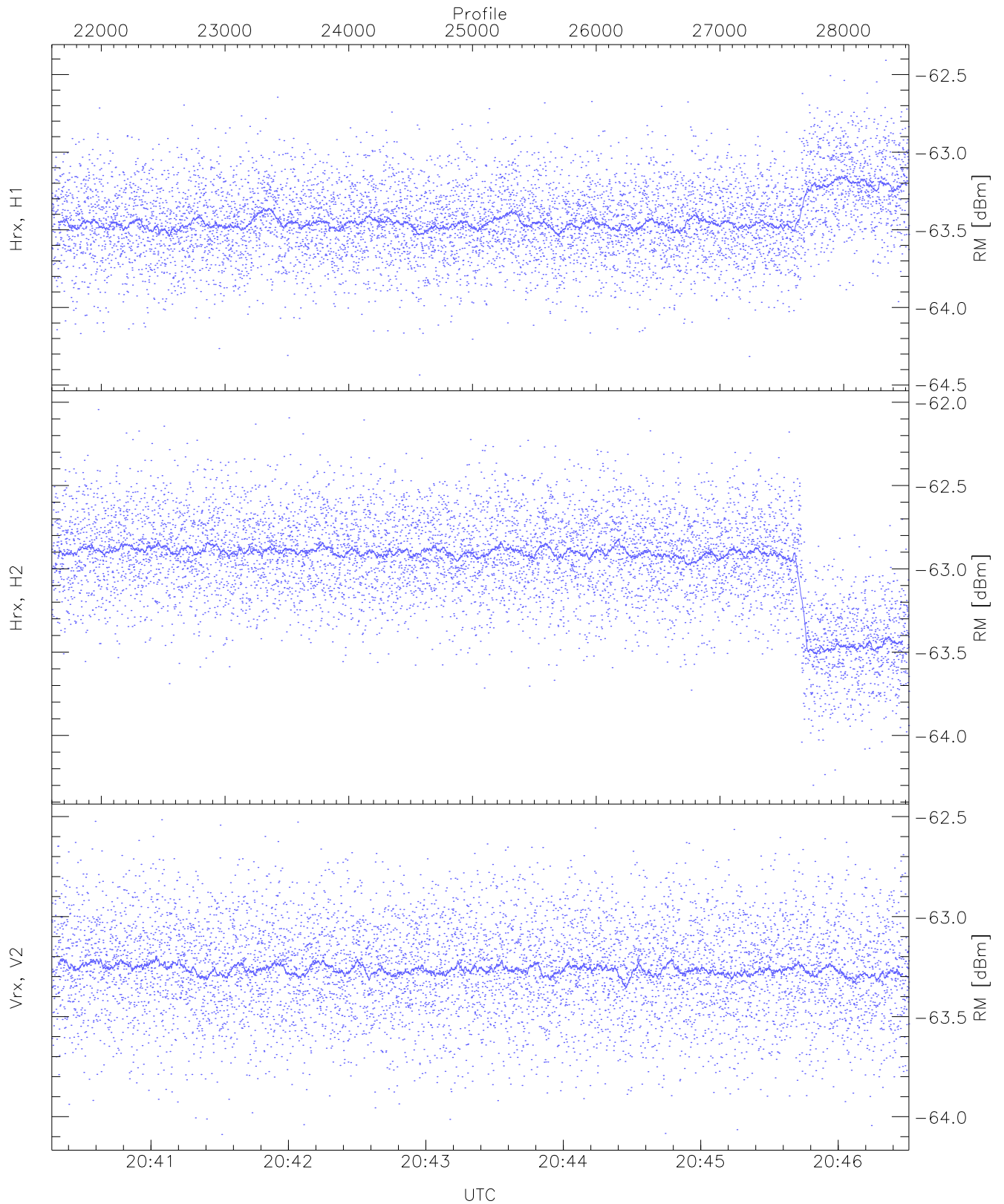
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.76	-62.01	-62.80	-62.80	-75.55
Hrx, H2(WL [dBm])	-63.57	-61.99	-62.80	-62.80	-75.62
Vrx, V2(WL [dBm])	-64.13	-62.26	-63.12	-63.12	-75.86



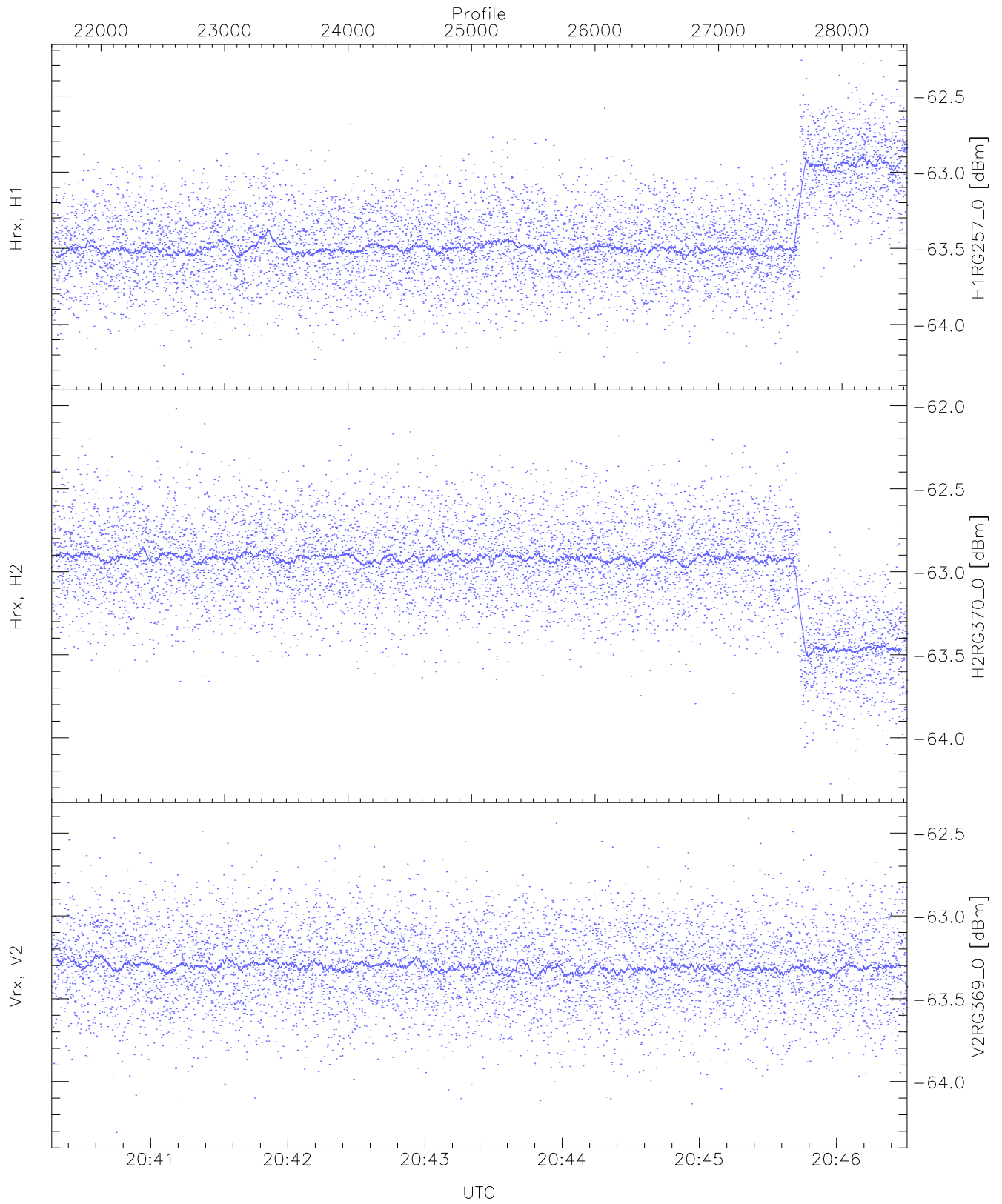
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.37	-61.69	-62.57	-62.57	-75.33
Hrx, H2 (HL [dBm])	-63.59	-61.72	-62.57	-62.57	-75.25
Vrx, V2 (HL [dBm])	-63.74	-62.00	-62.89	-62.89	-75.59



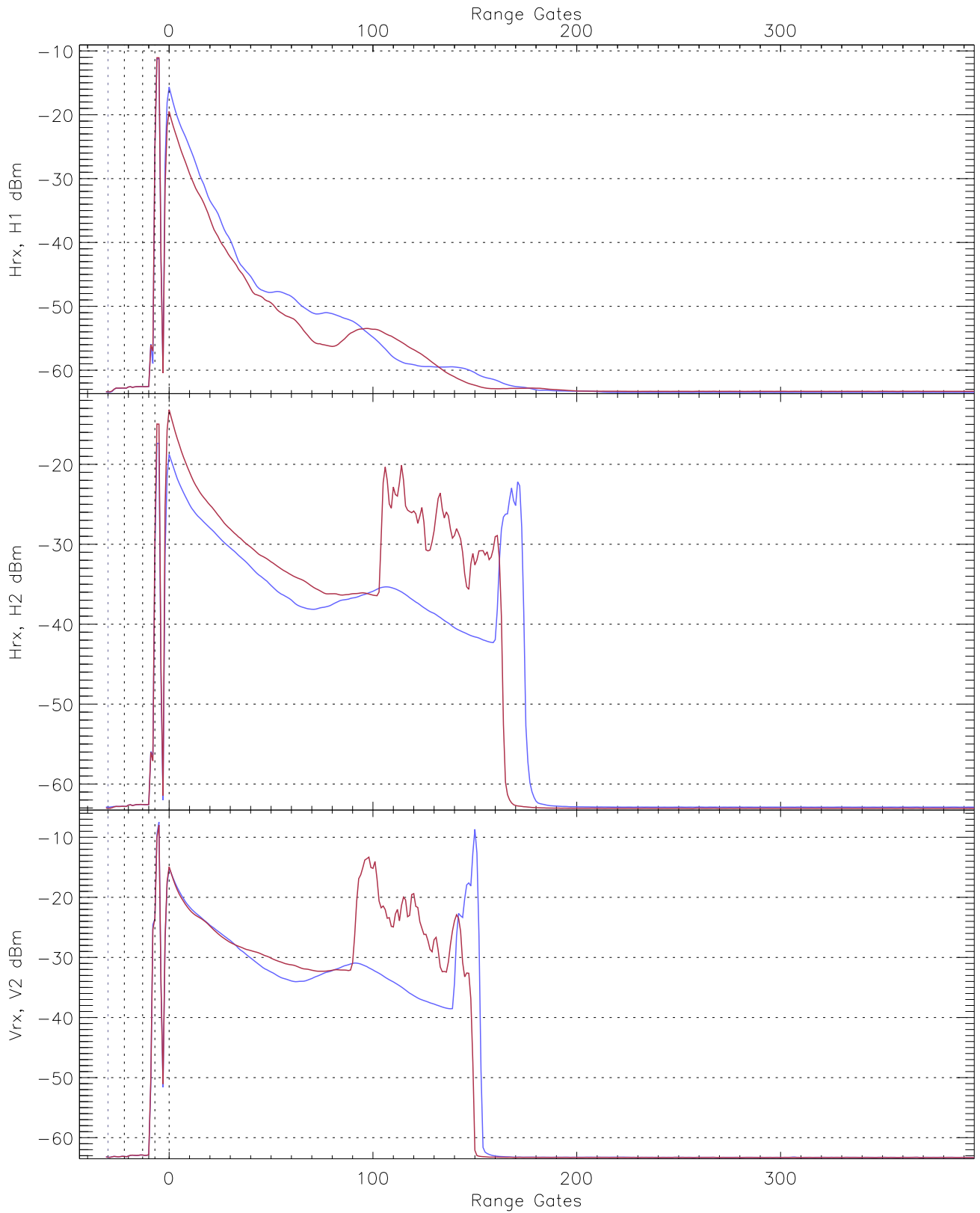
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.43	-62.41	-63.43	-63.44	-75.85
Hrx, H2 (RM [dBm])	-64.30	-62.04	-62.96	-62.94	-74.65
Vrx, V2 (RM [dBm])	-64.09	-62.52	-63.26	-63.26	-75.97

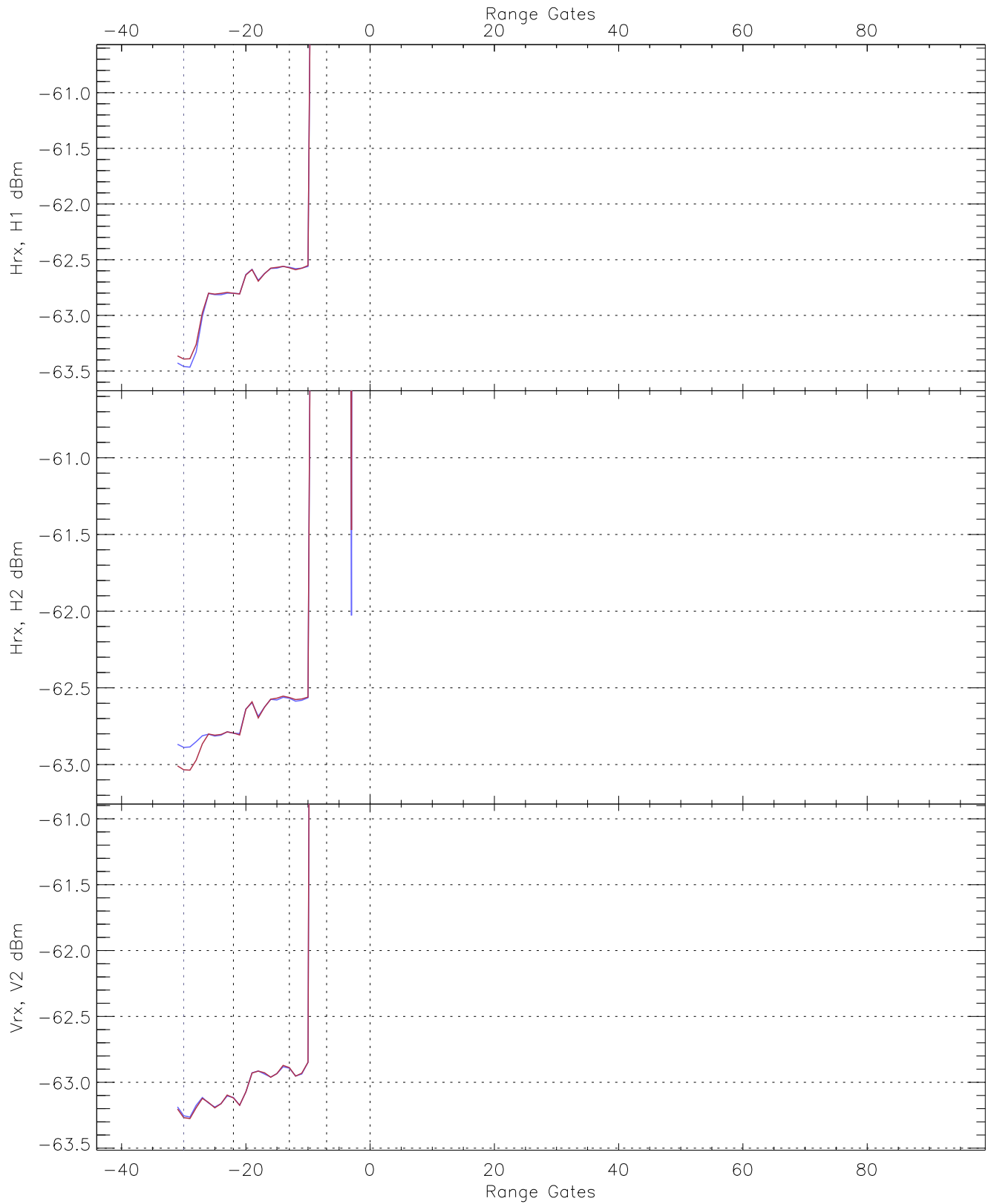


WCR2 CPP "Best" estimate Receivers Noise Power

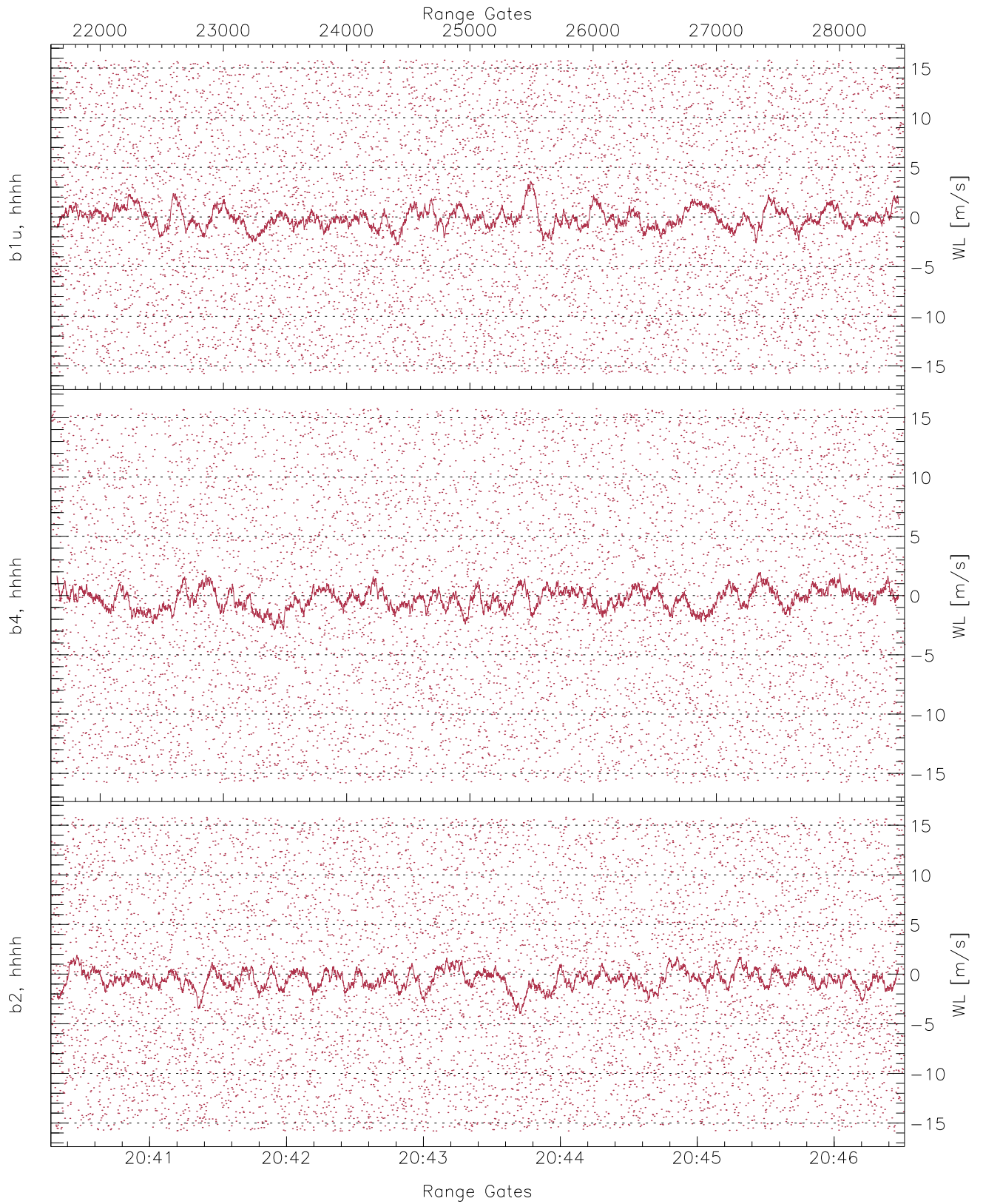
	Min	Max	Mean	Median	StDev
H1RG257_0 [dBm]	-64.33	-62.27	-63.43	-63.46	-75.00
H2RG370_0 [dBm]	-64.28	-62.02	-62.98	-62.96	-74.70
V2RG369_0 [dBm]	-64.31	-62.41	-63.30	-63.31	-75.96



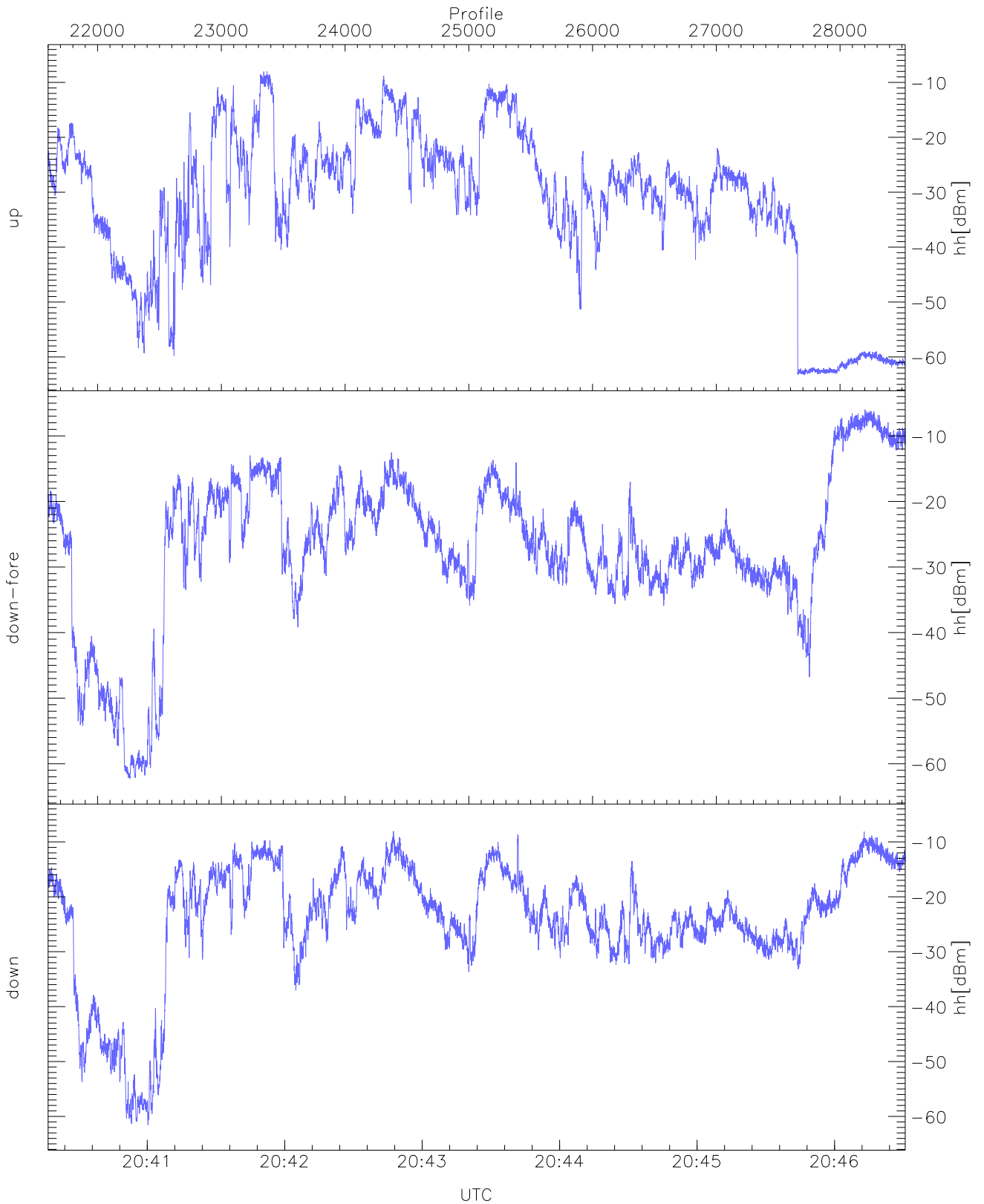
WCR2 CPP Averaged Received power for all recorded gates
blue: 204017-204324, 3465 profiles averaged
red: 204324-204631, 3464 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 204017-204324, 3465 profiles averaged
red: 204324-204631, 3464 profiles averaged

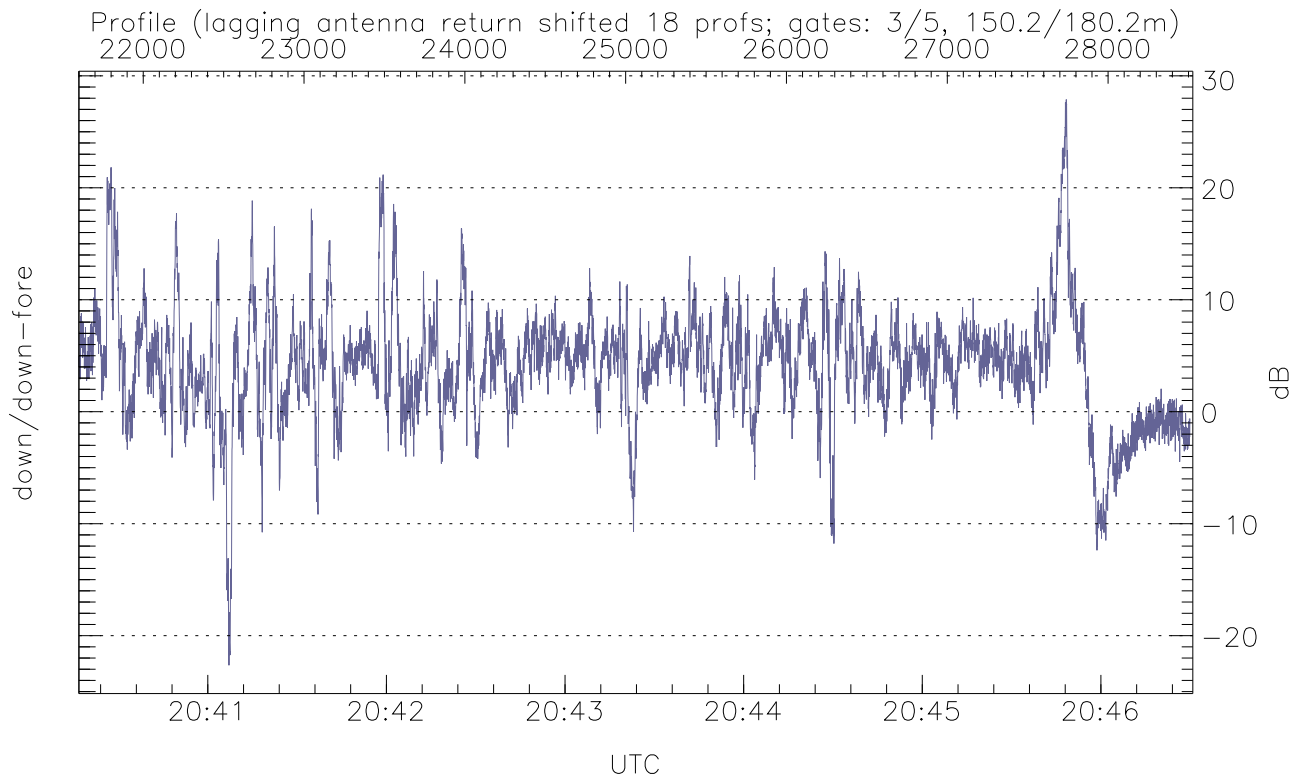
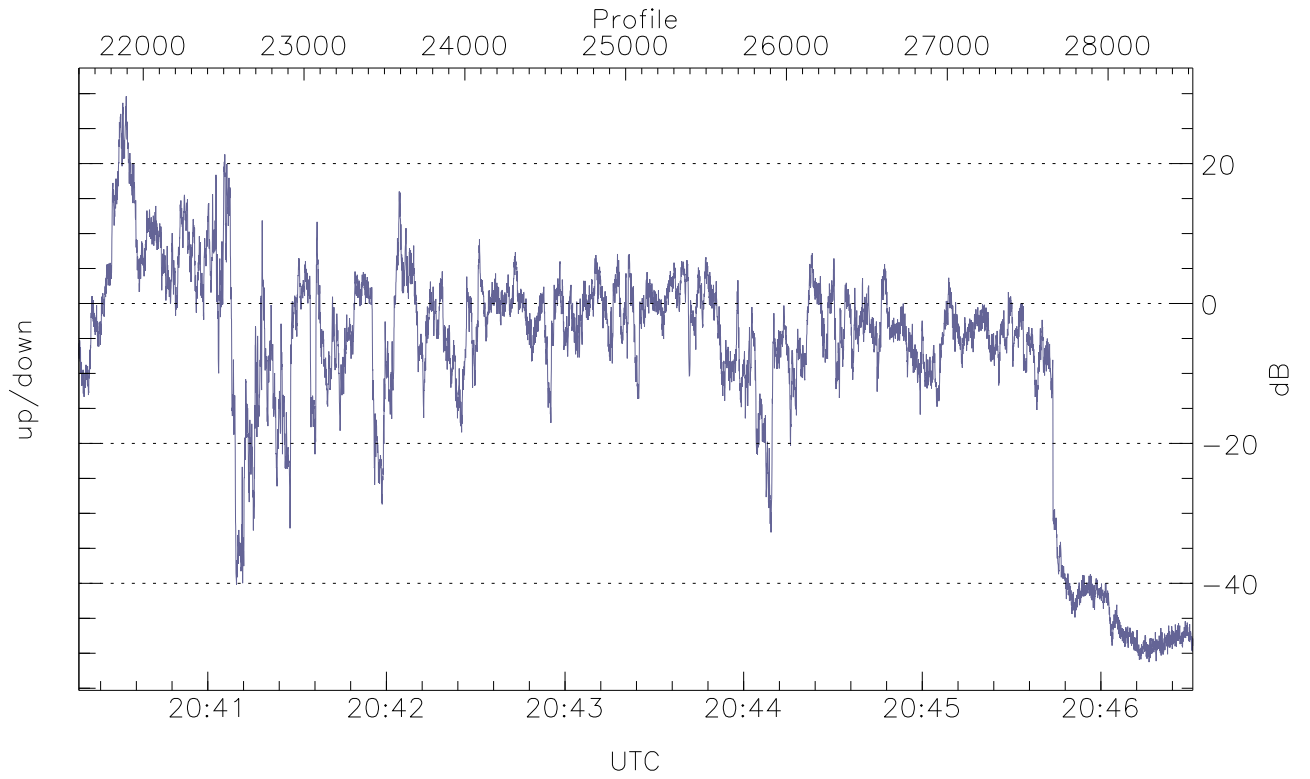


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



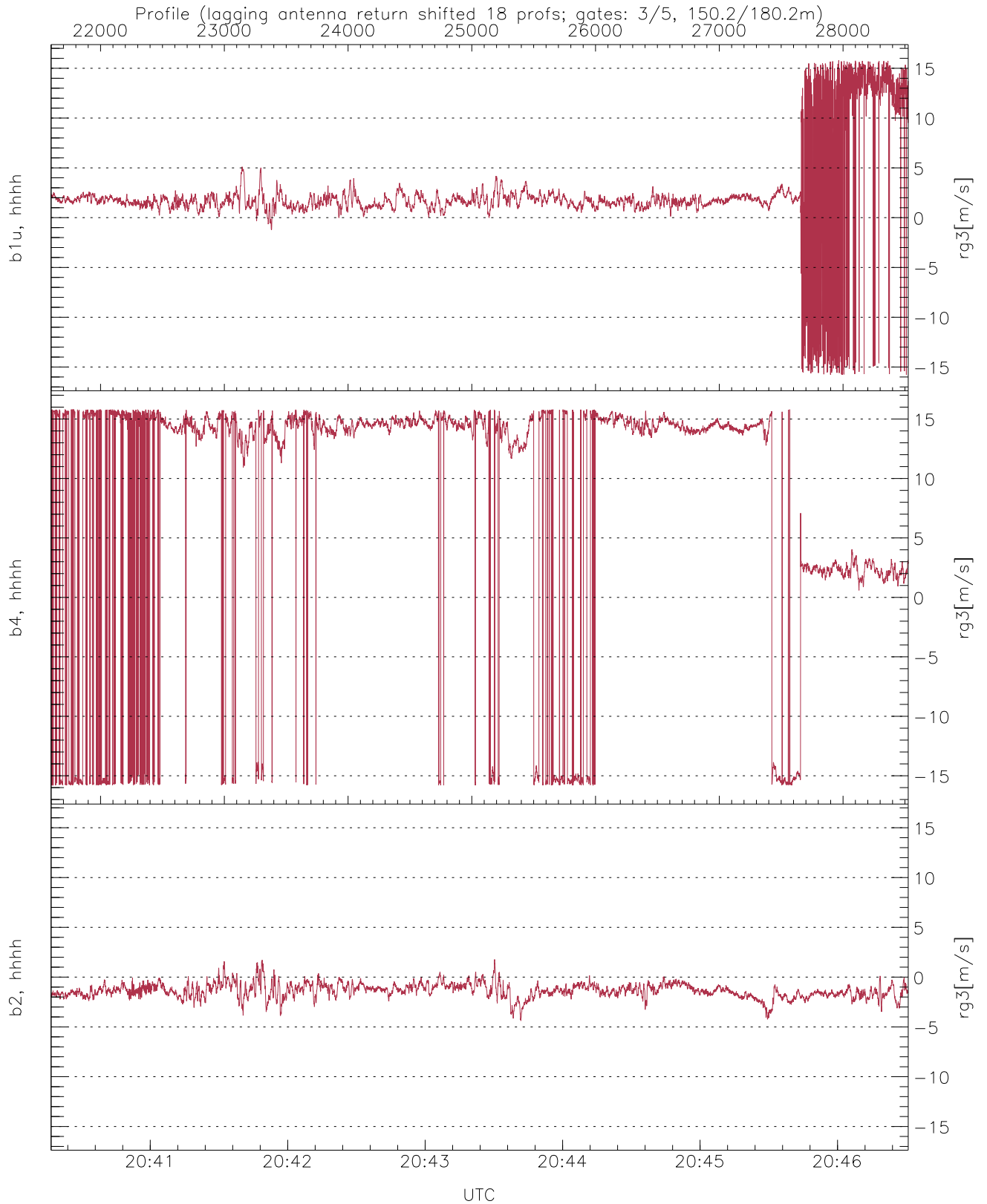
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.29	-8.02	-20.71
down-fore(hh[dBm])	-62.28	-5.98	-17.79
down(hh[dBm])	-61.55	-8.06	-17.80



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

	Min	Max	Mean
up/down (dB)	-51.26	29.62	-8.26
down/down-fore (dB)	-22.65	27.88	4.10



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.78	15.79	2.39	4.29
b4, hhhh(rg3[m/s])	-15.80	15.80	8.51	10.84
b2, hhhh(rg3[m/s])	-4.38	1.78	-1.37	0.72