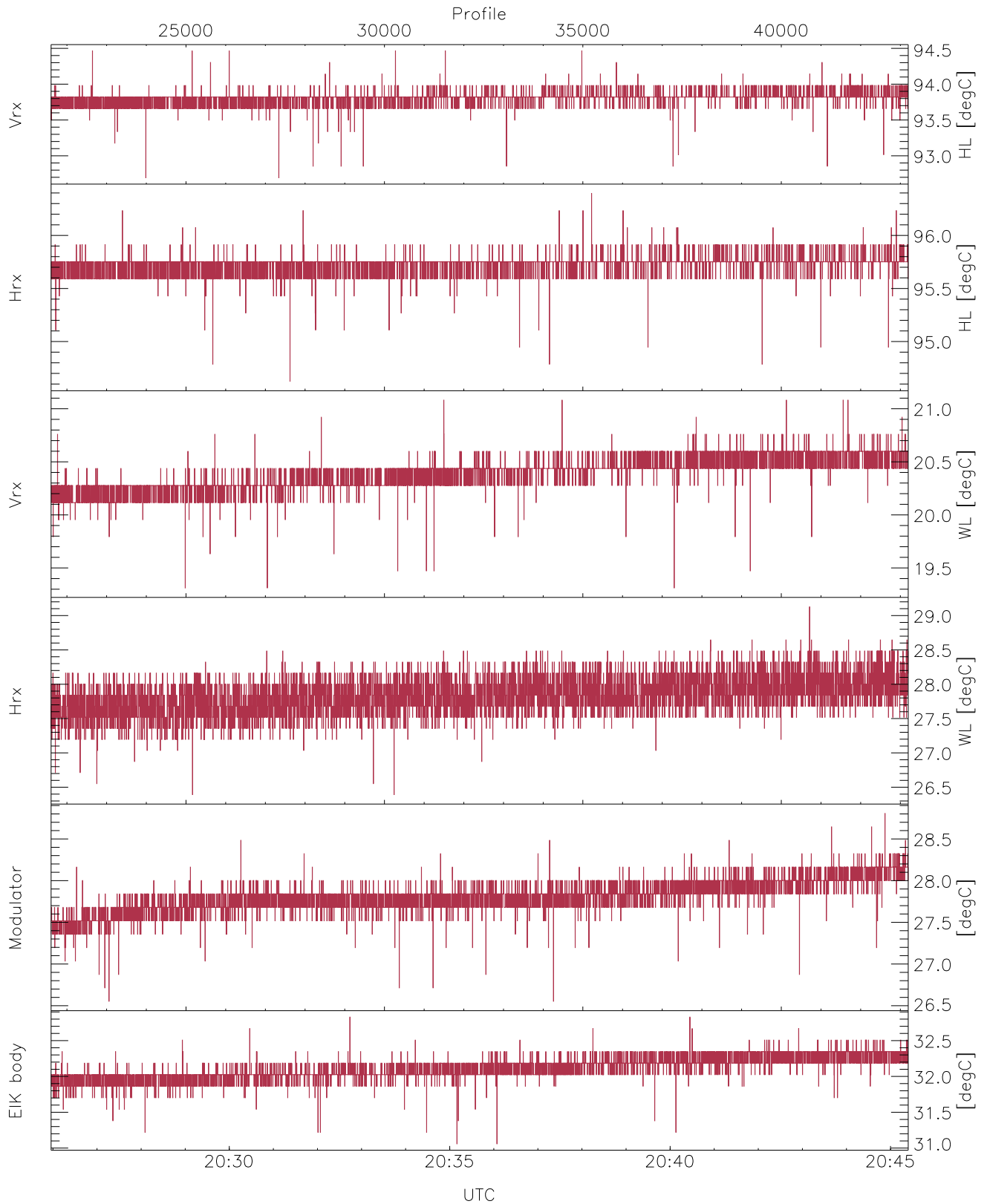


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

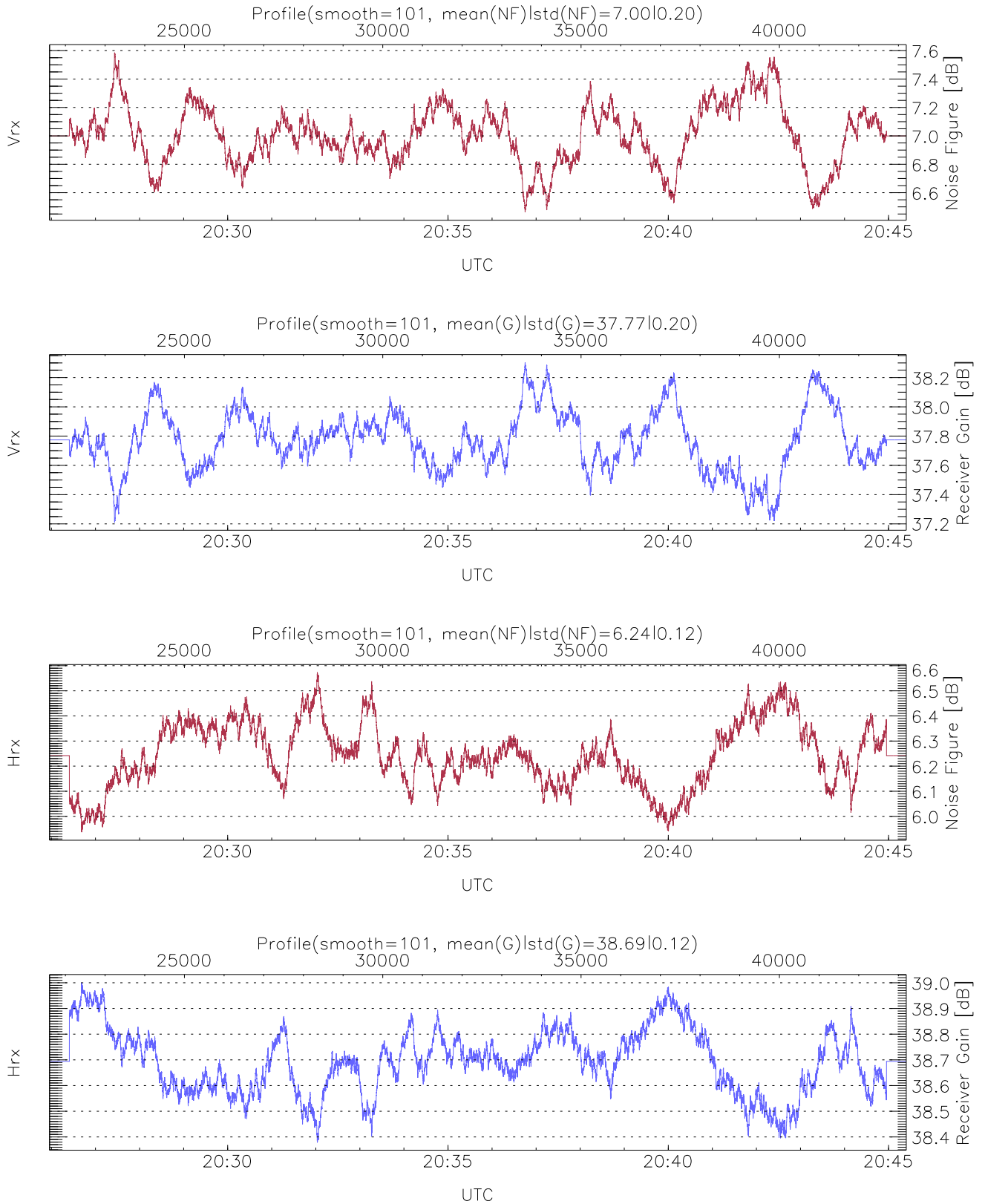
UTC: 20:06:31-20:50:53, Dur: 2662.33s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 54.0,54.0,54.0,0.0 ms / 19,19,19
 NumRec(r/t): 21600/49291, 21600-43199/20:25:57-20:45:24
 AcqTime: 54.0ms, Rate: 287KB/s, Averages: 180
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2
 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

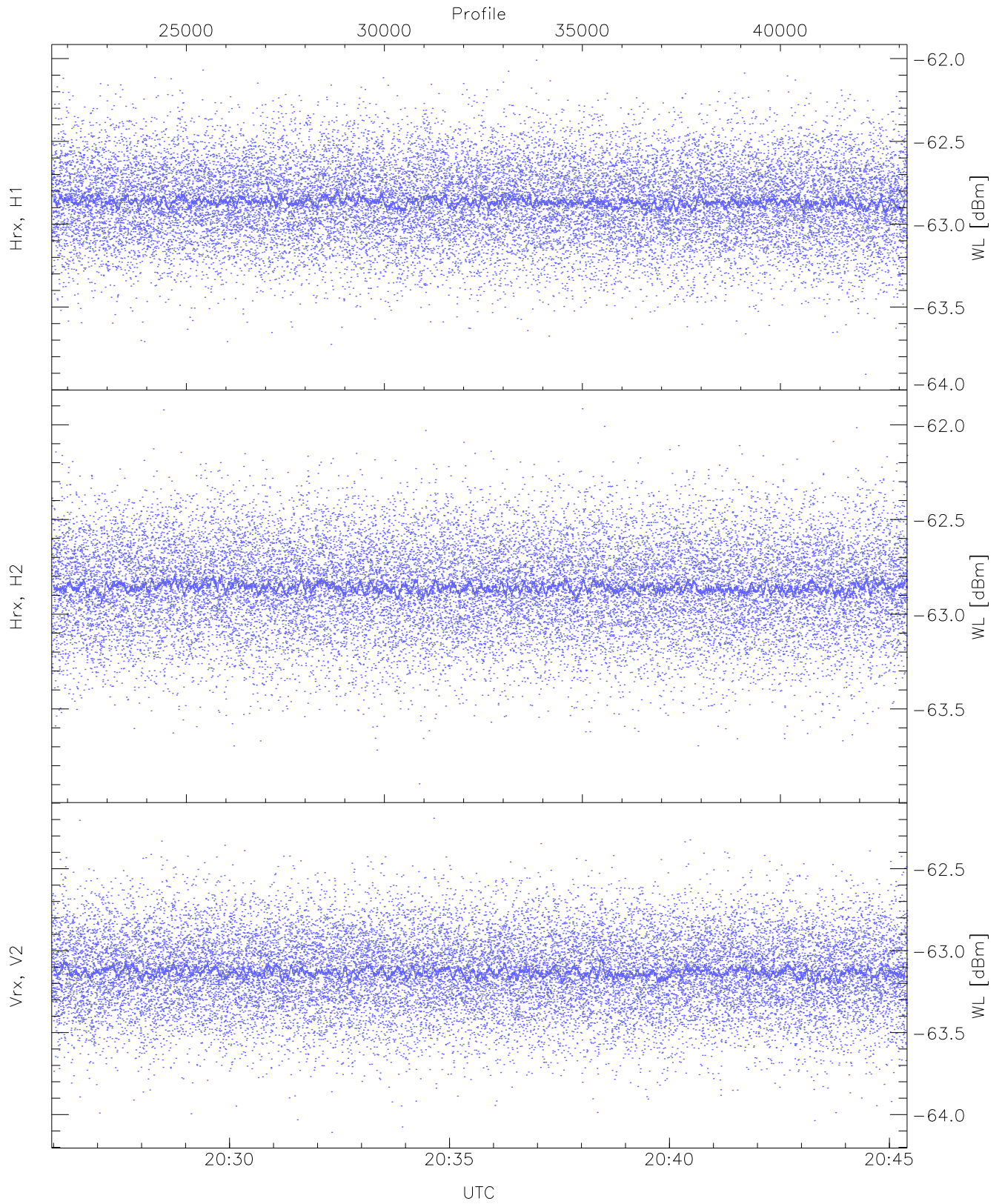
```

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,19,26,26,31
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,21,29,28,32
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
  DeckT, CollT, BodyCurr, DeckF, OverDuty, HVPS (15,15,15,20,15,10)
    
```



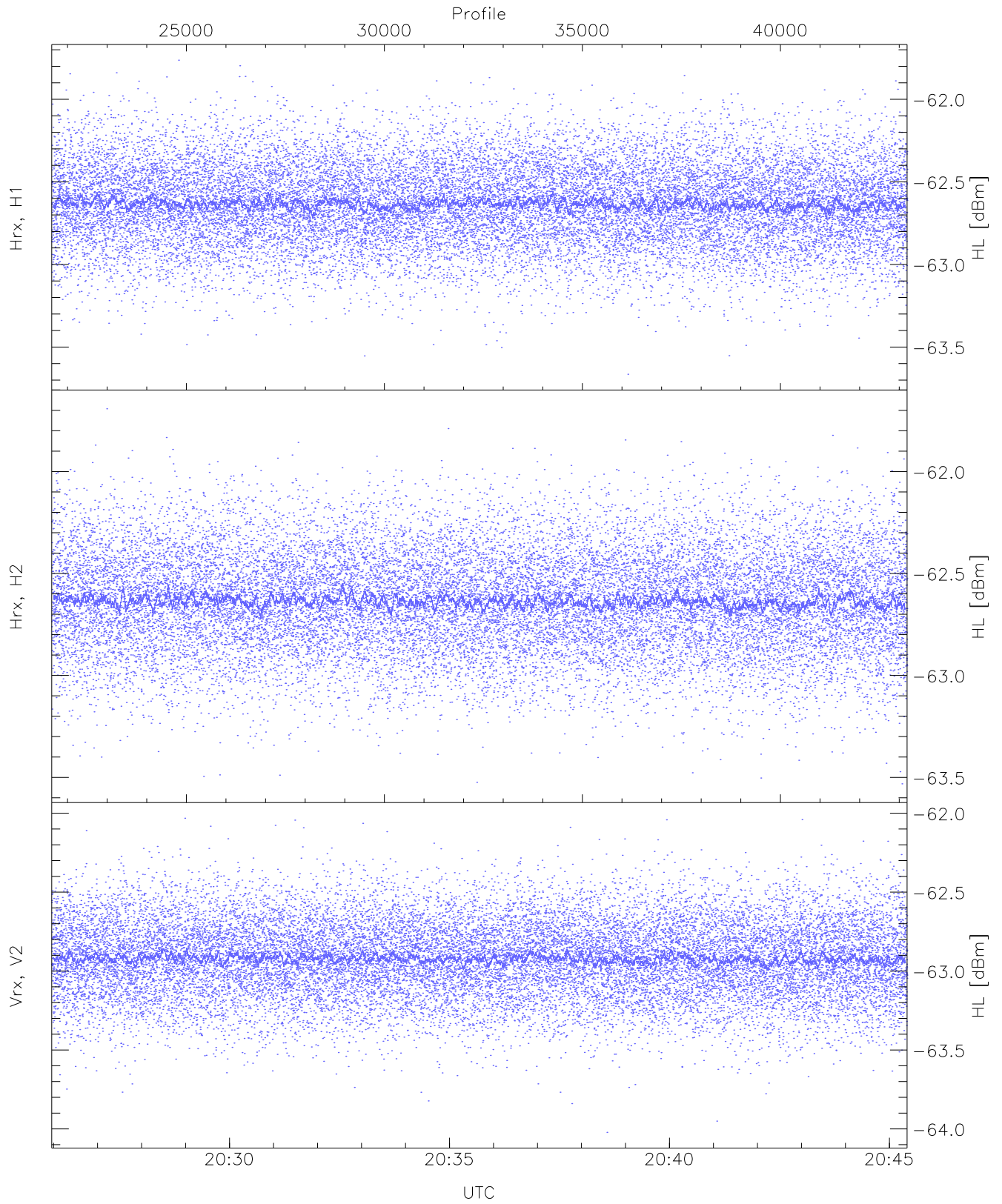
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 995 pixs, 56 gates, 981 profs, 2 prods



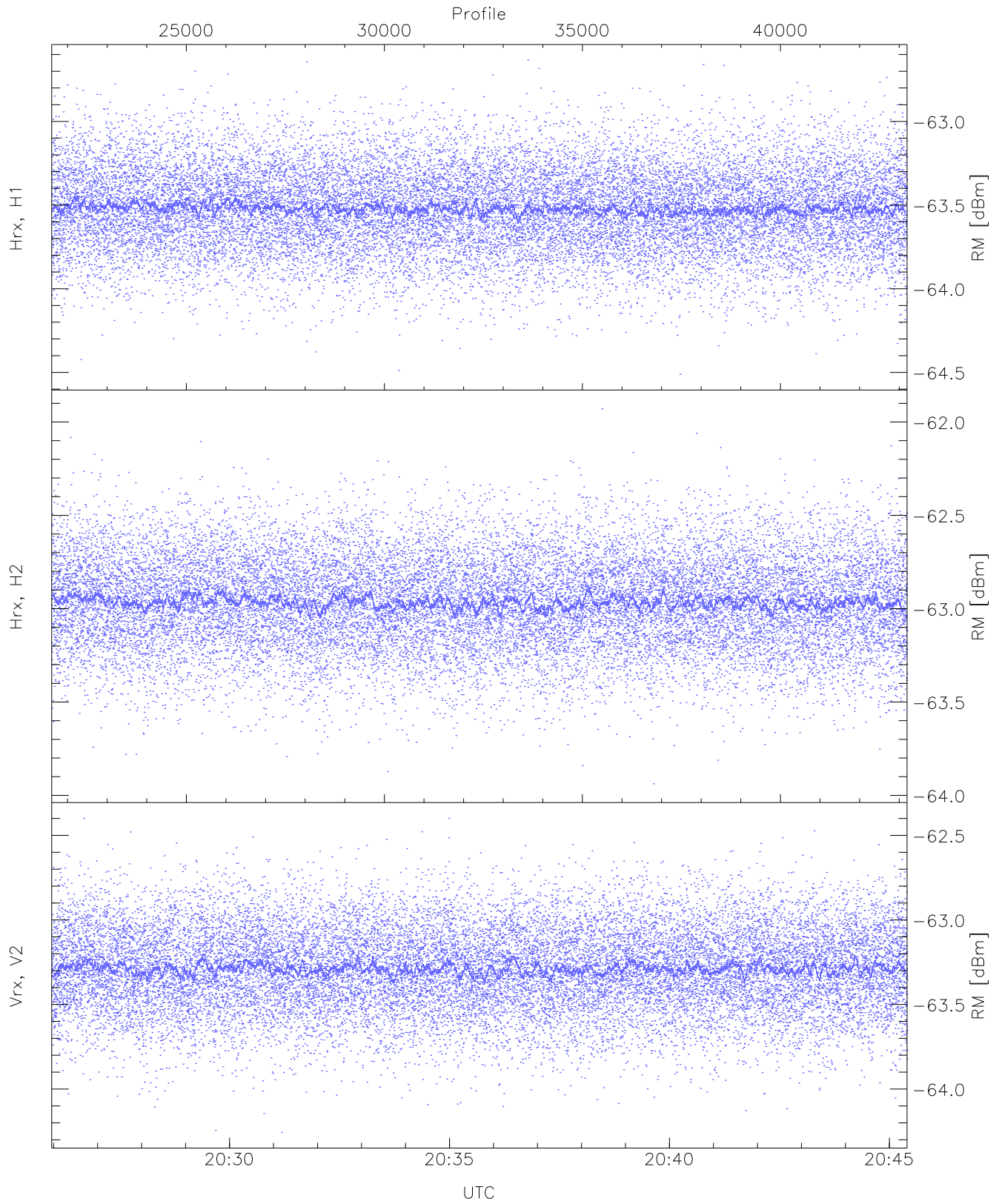
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.91	-62.01	-62.86	-62.87	-75.57
Hrx, H2(WL [dBm])	-63.90	-61.92	-62.85	-62.86	-75.56
Vrx, V2(WL [dBm])	-64.11	-62.19	-63.13	-63.13	-75.84



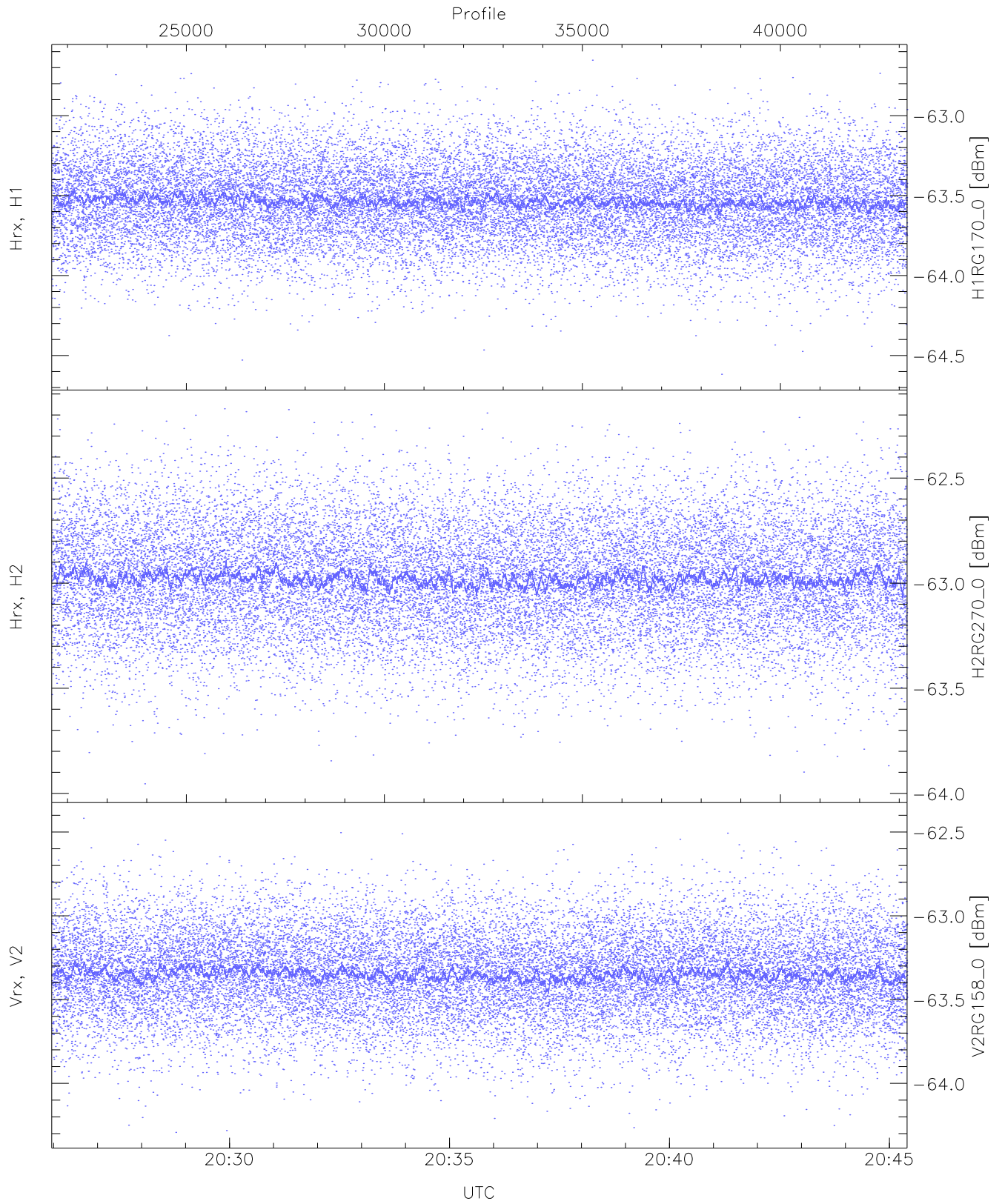
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.67	-61.76	-62.63	-62.63	-75.33
Hrx, H2 (HL [dBm])	-63.53	-61.69	-62.63	-62.64	-75.34
Vrx, V2 (HL [dBm])	-64.02	-62.03	-62.92	-62.92	-75.65



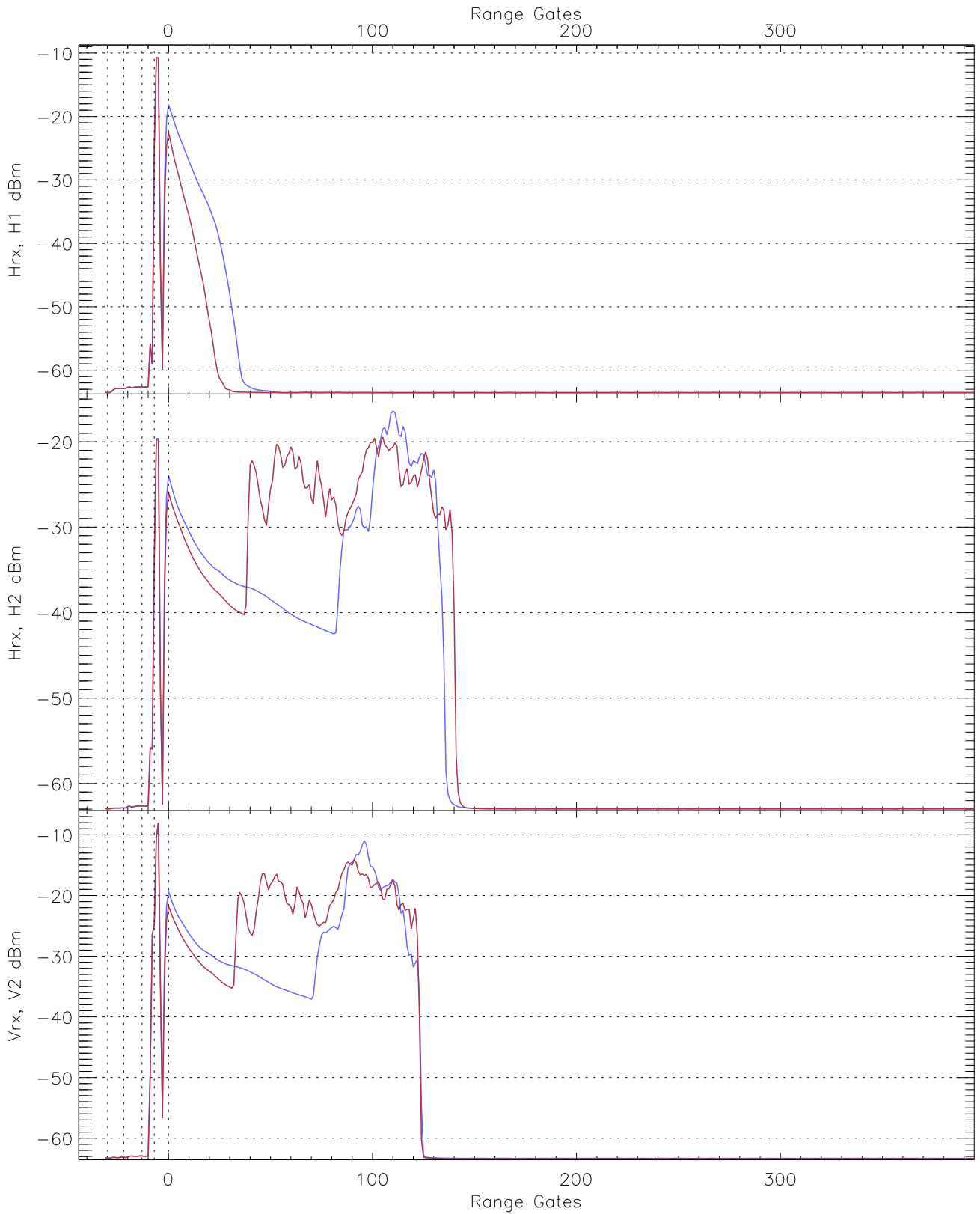
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.51	-62.63	-63.52	-63.52	-76.19
Hrx, H2 (RM [dBm])	-63.94	-61.93	-62.96	-62.97	-75.65
Vrx, V2 (RM [dBm])	-64.26	-62.40	-63.29	-63.29	-75.98

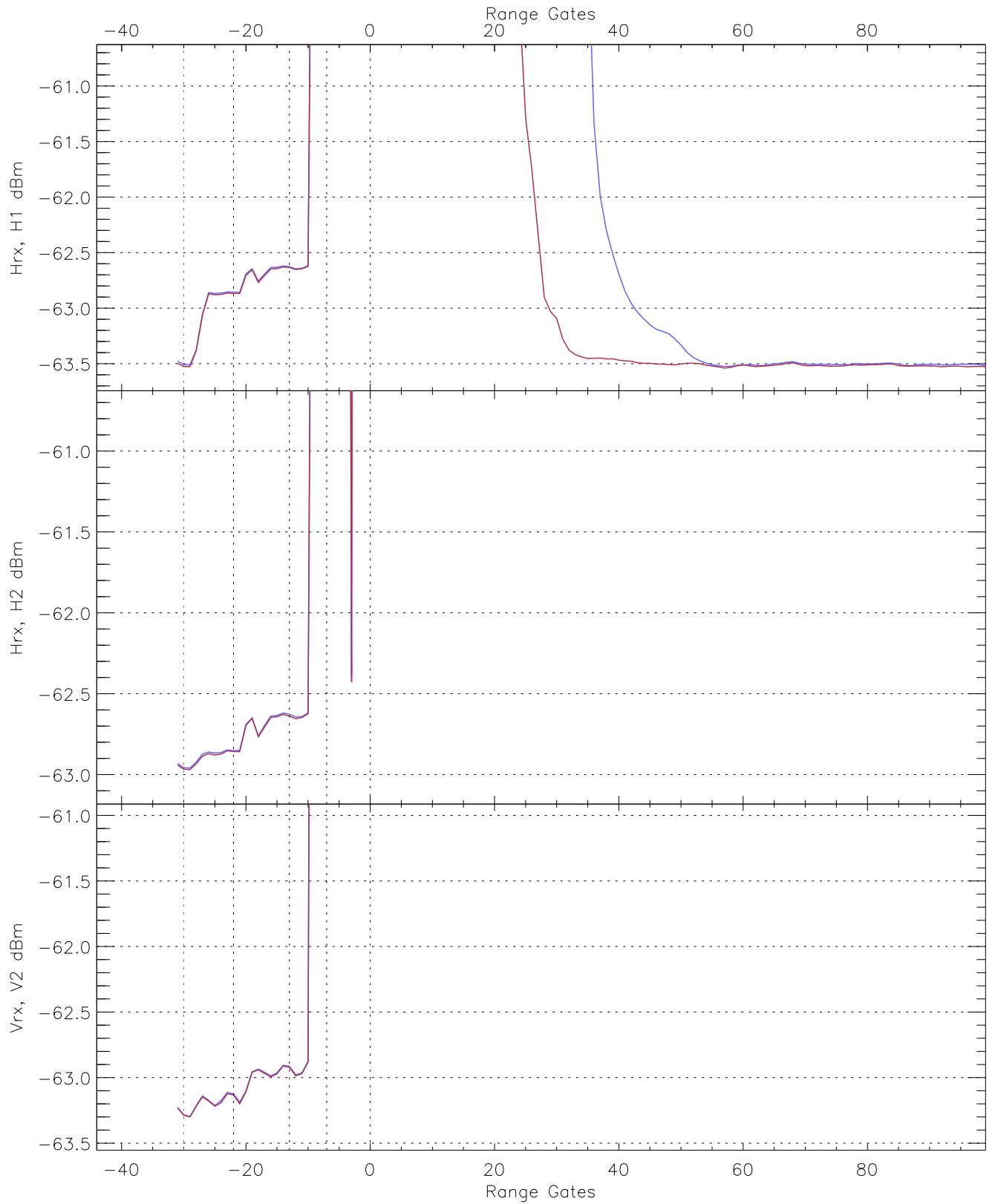


WCR2 CPP "Best" estimate Receivers Noise Power

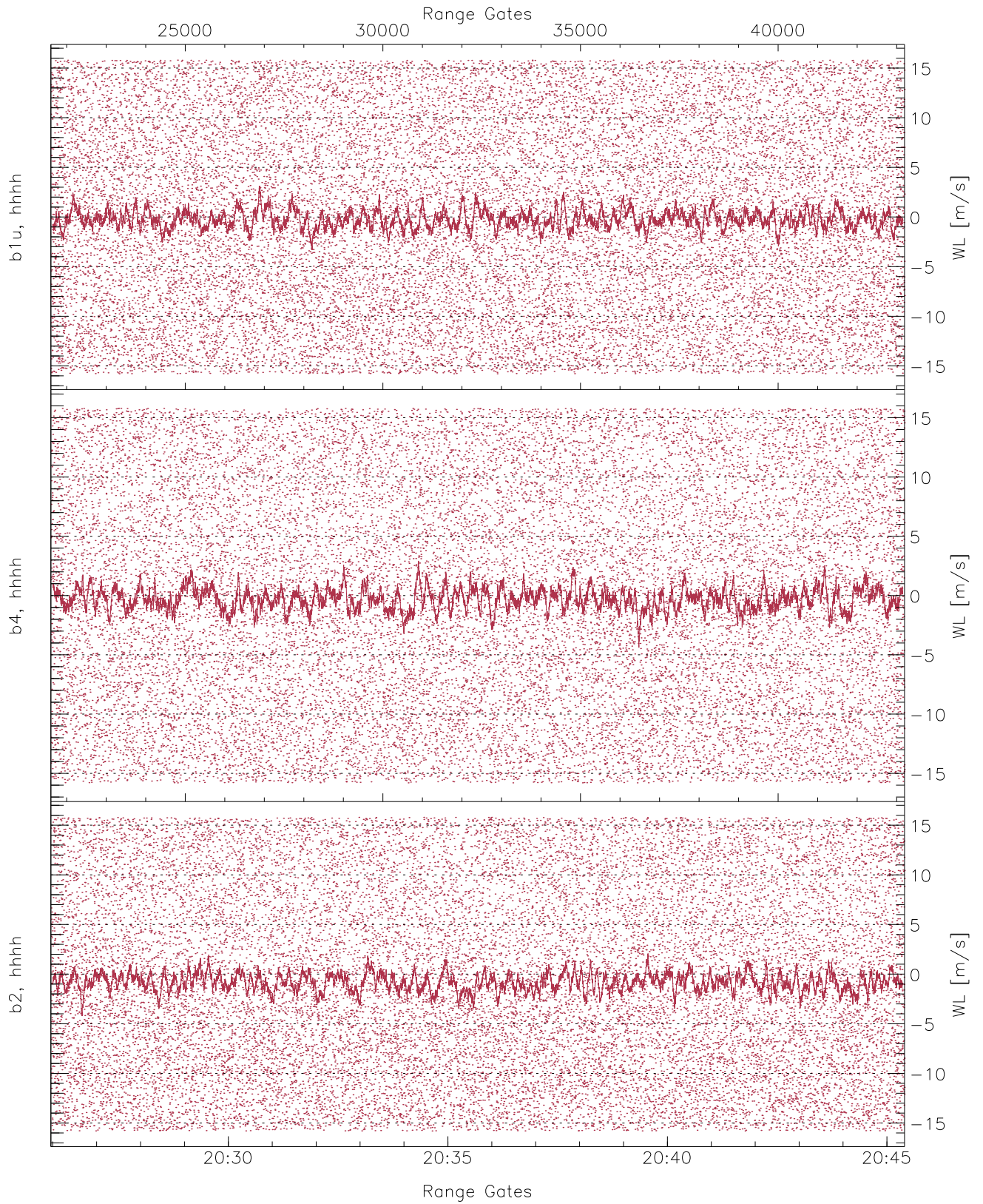
	Min	Max	Mean	Median	StDev
H1RG170_0 [dBm]	-64.62	-62.65	-63.53	-63.54	-76.22
H2RG270_0 [dBm]	-63.95	-62.17	-62.98	-62.98	-75.65
V2RG158_0 [dBm]	-64.29	-62.42	-63.35	-63.35	-76.00



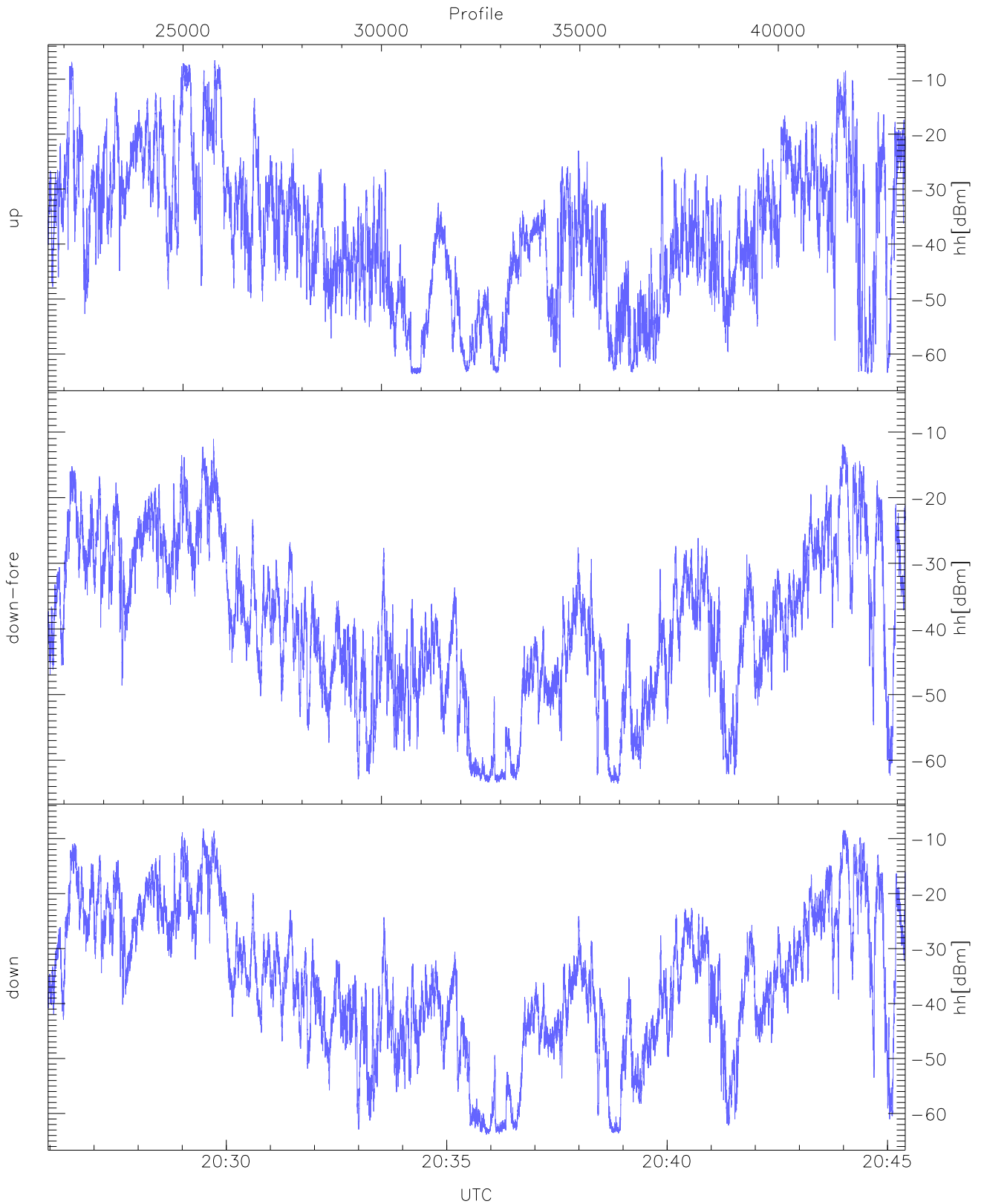
WCR2 CPP Averaged Received power for all recorded gates
blue: 202557-203541, 10801 profiles averaged
red: 203541-204524, 10800 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 202557-203541, 10801 profiles averaged
red: 203541-204524, 10800 profiles averaged

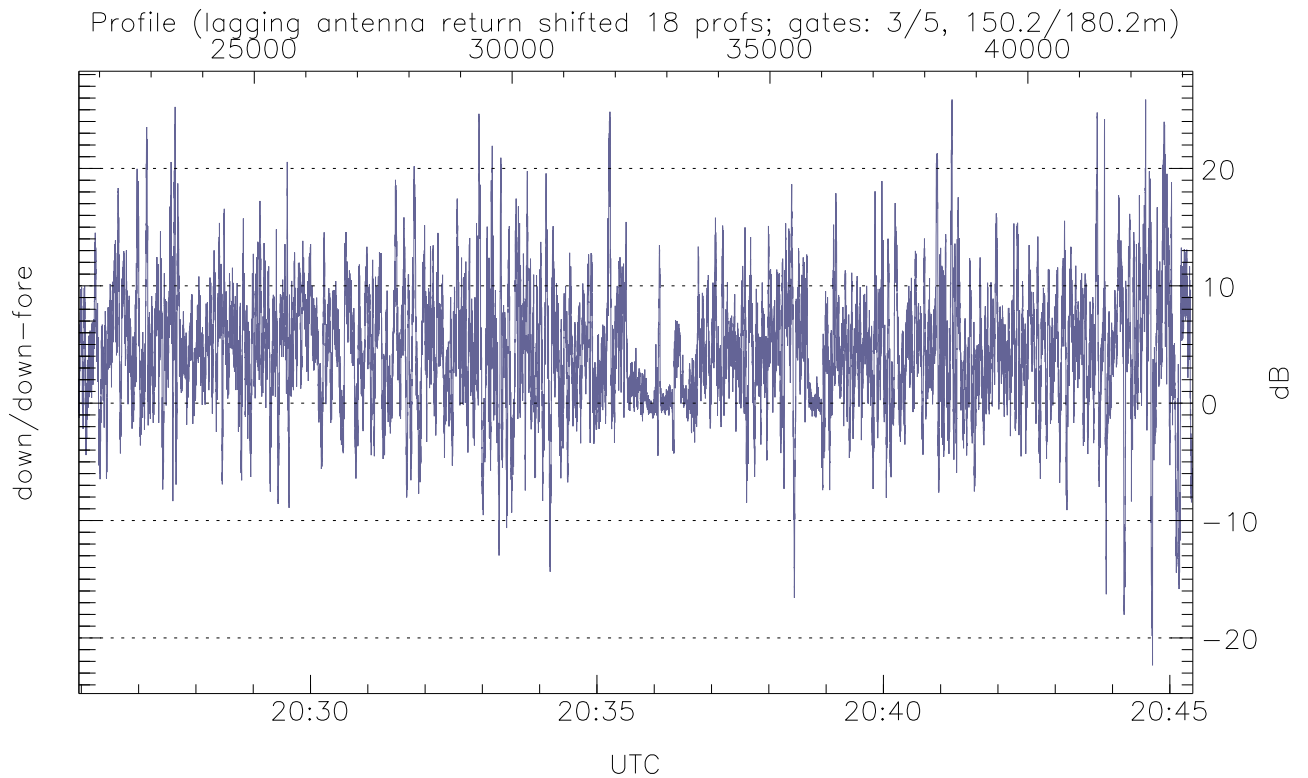
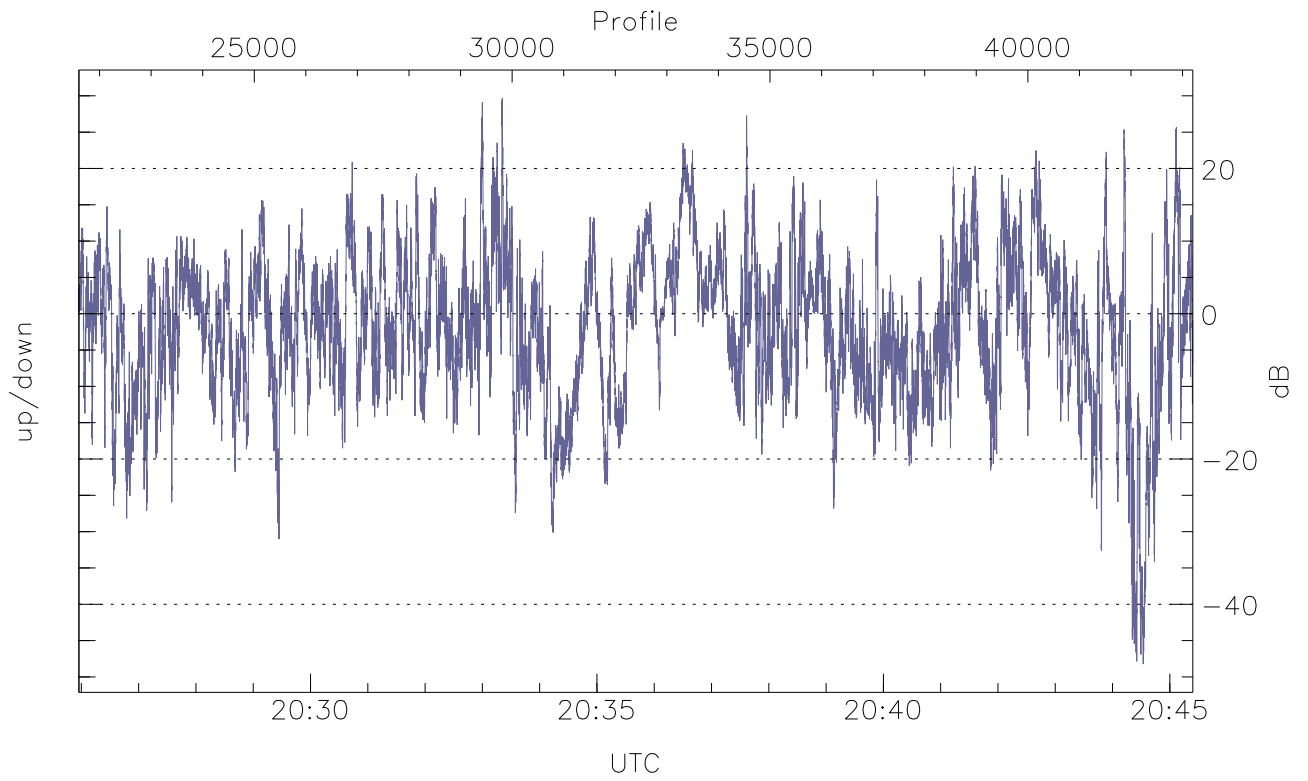


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



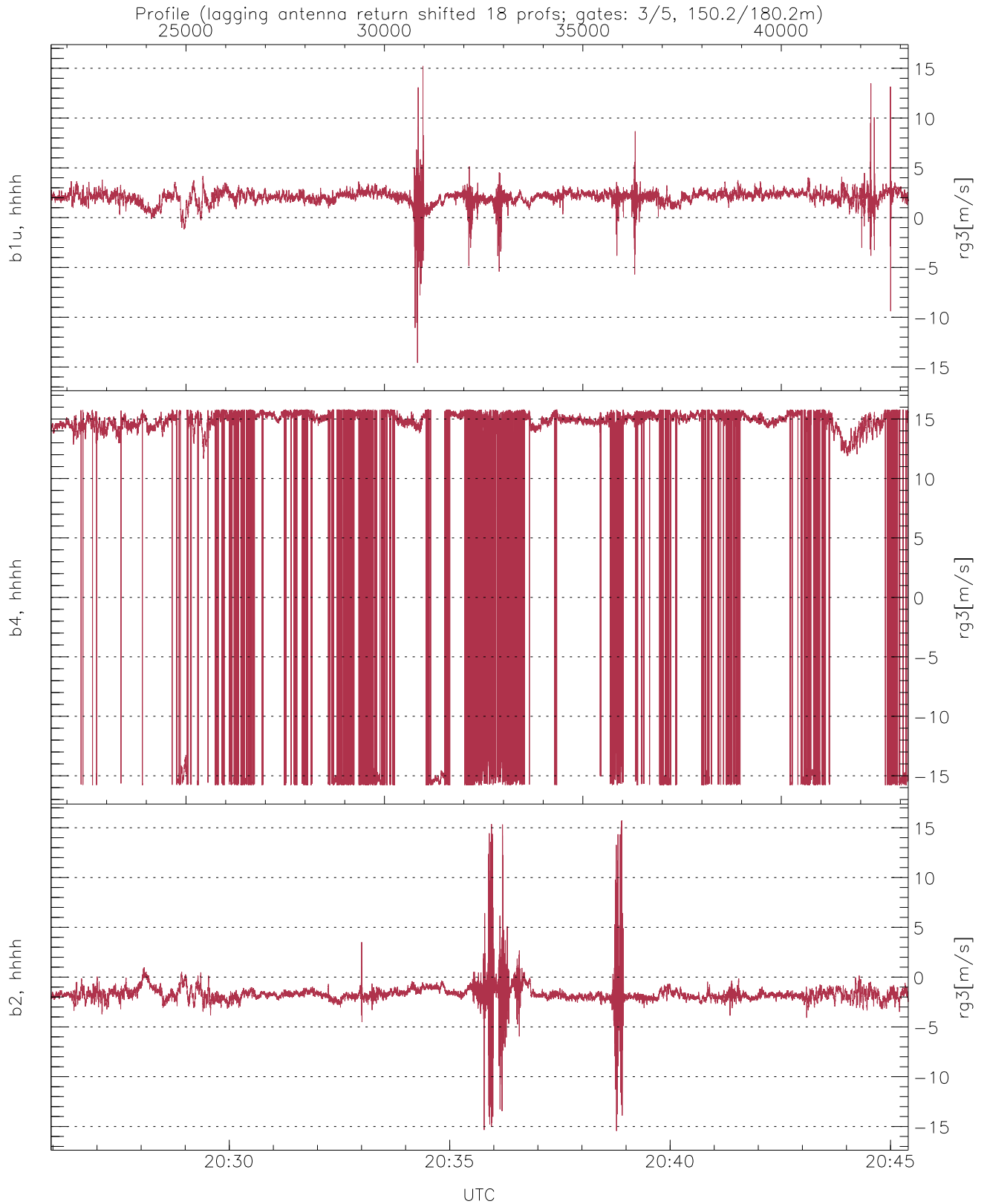
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.63	-6.57	-23.10
down-fore(hh[dBm])	-63.56	-11.08	-27.33
down(hh[dBm])	-63.81	-8.20	-23.09



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

	Min	Max	Mean
up/down (dB)	-48.23	29.66	-1.98
down/down-fore (dB)	-22.33	25.88	4.55



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-14.57	15.23	2.02	0.76
b4, hhhh(rg3[m/s])	-15.80	15.80	9.47	11.56
b2, hhhh(rg3[m/s])	-15.45	15.71	-1.69	1.06