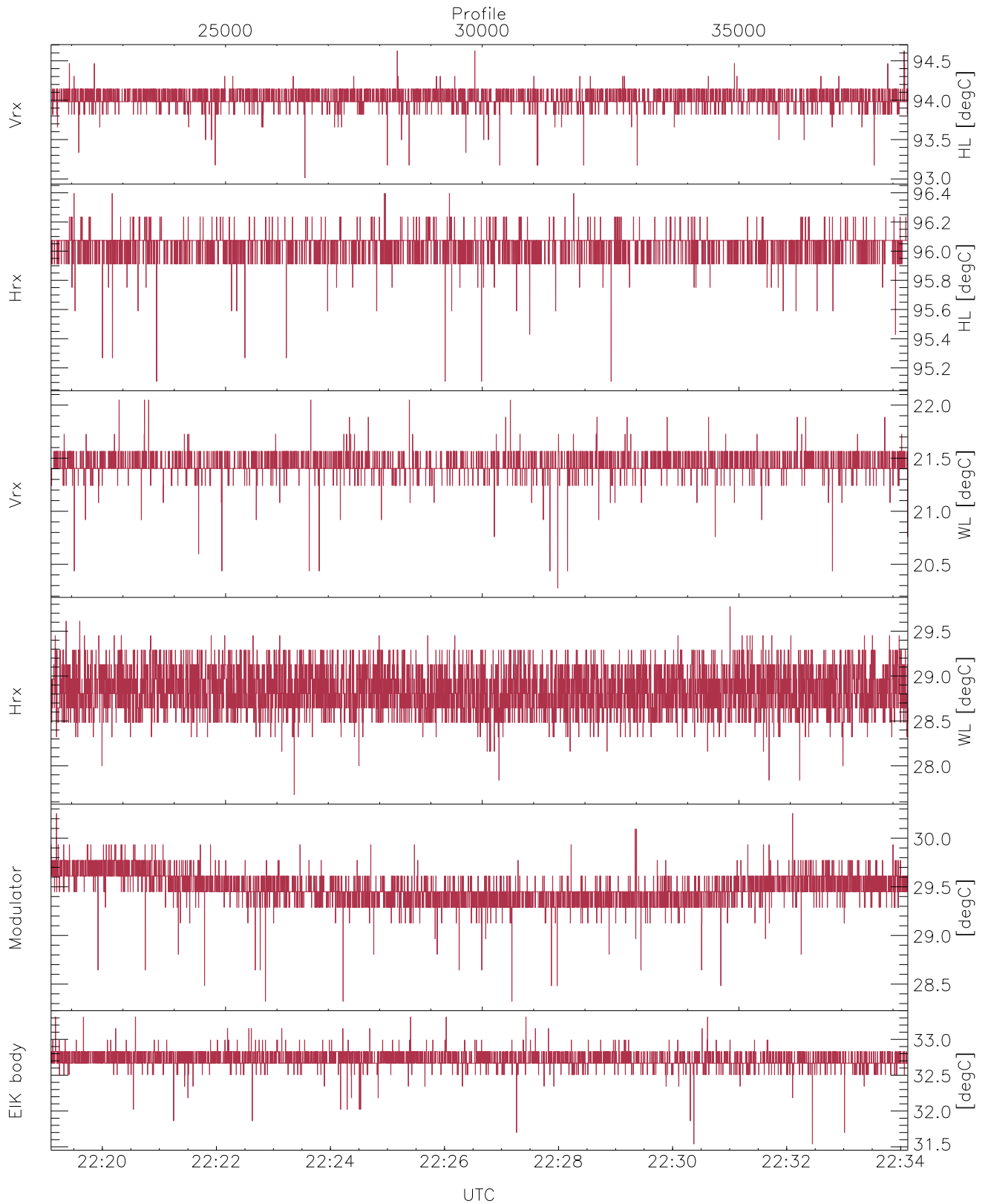


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

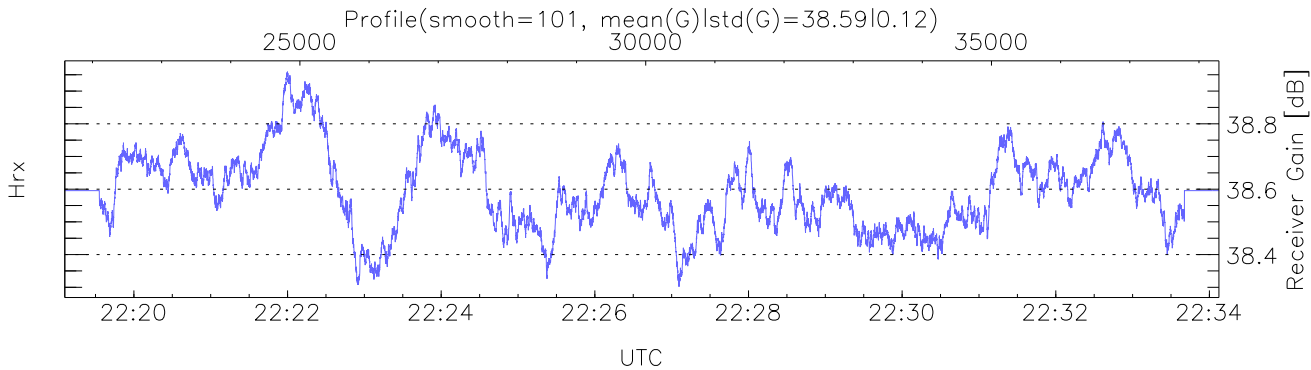
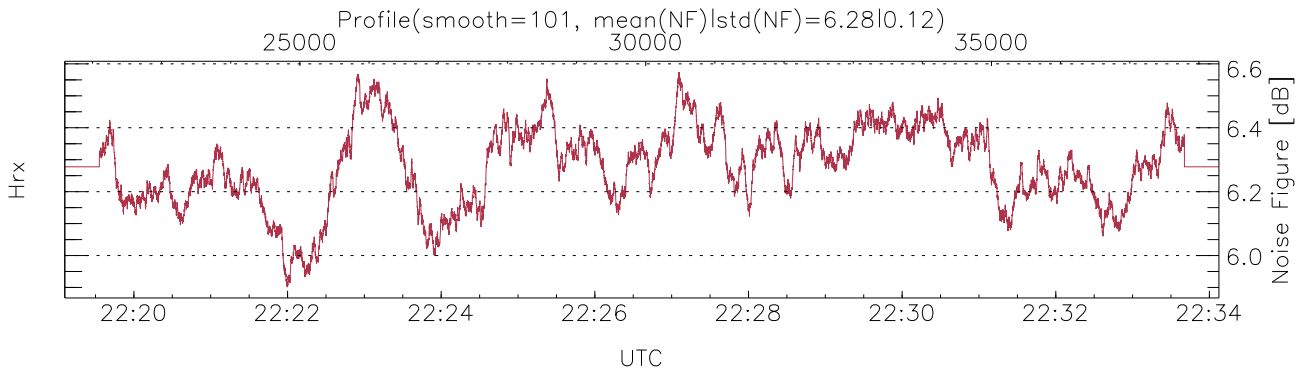
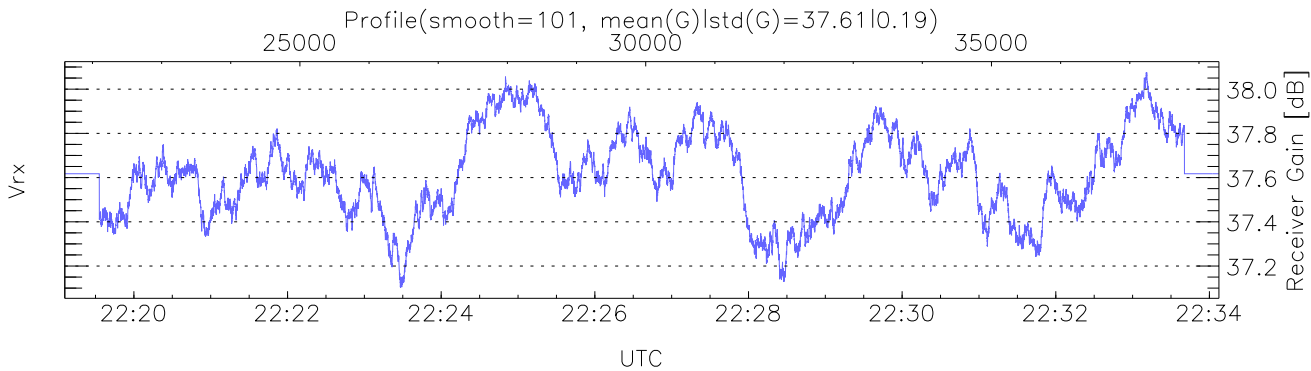
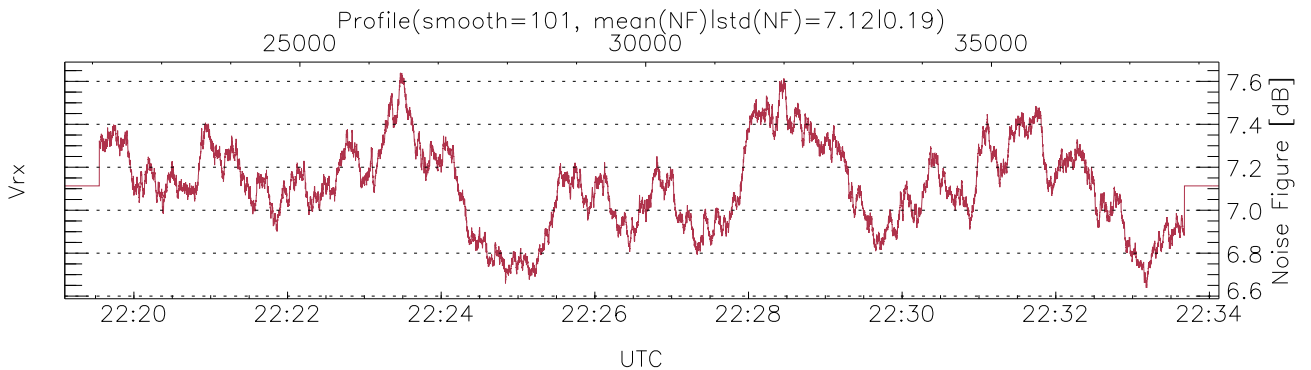
UTC: 21:59:39-22:34:07, Dur: 2068.12s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 54.0,54.0,54.0,0.0 ms / 19,19,19
 NumRec(r/t): 16690/38290, 21600-38289/22:19:06-22:34:07
 AcqTime: 54.0ms, Rate: 287KB/s, Averages: 180
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2
 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

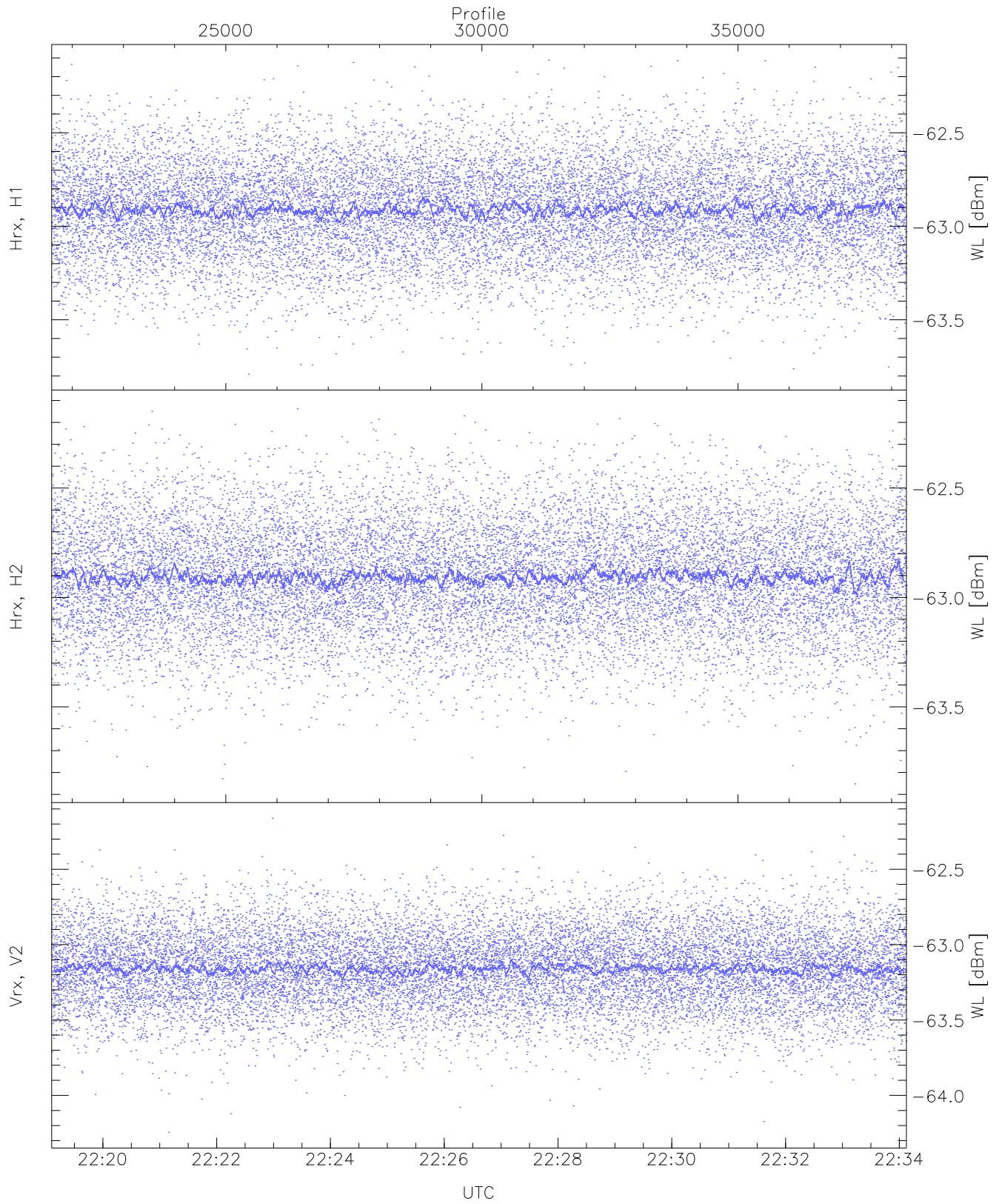
```

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,20,27,28,31
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,22,29,30,33
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
  DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (4,4,4,4,4,5)
    
```



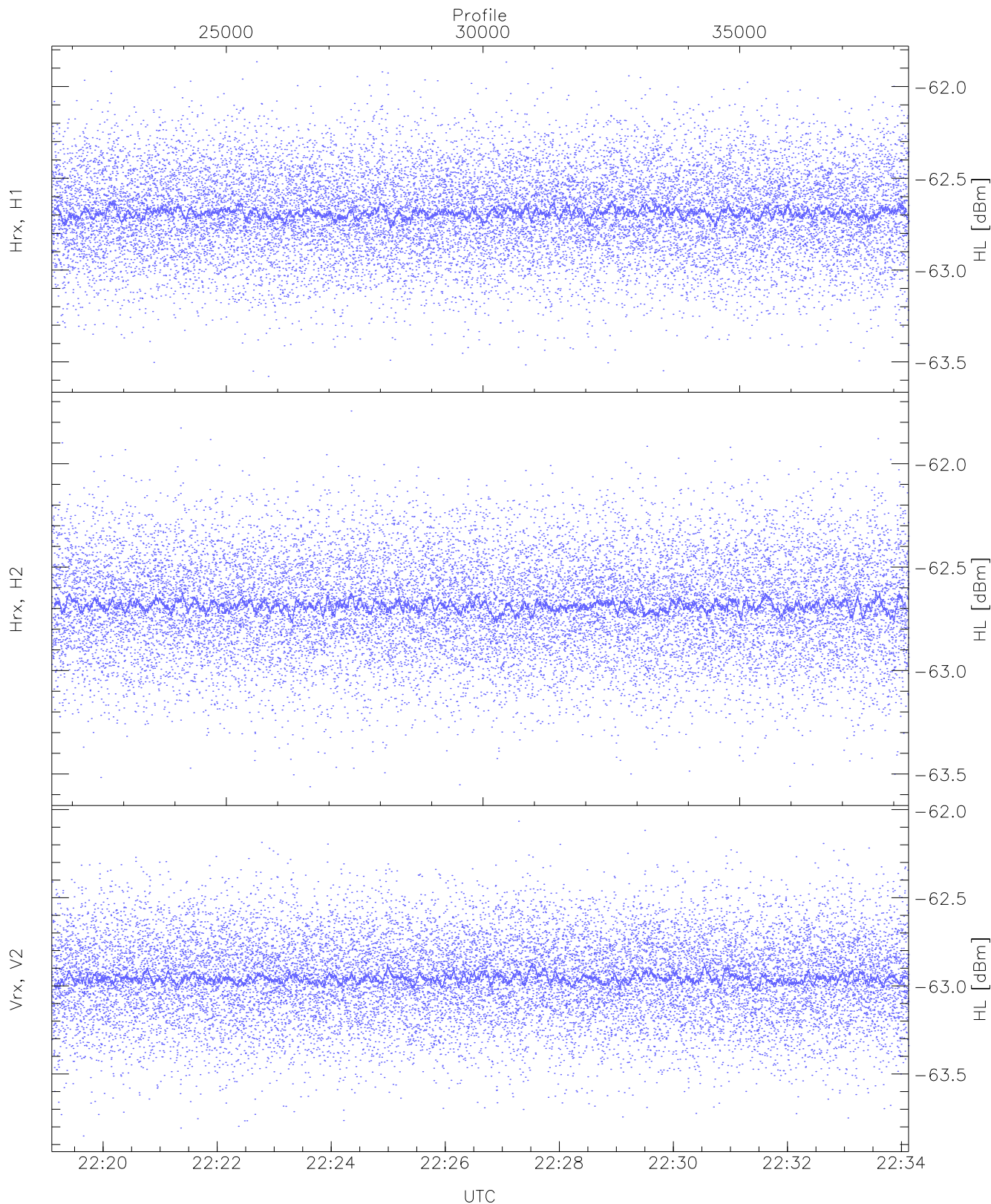
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 486 pixs, 34 gates, 481 profs, 1 prods



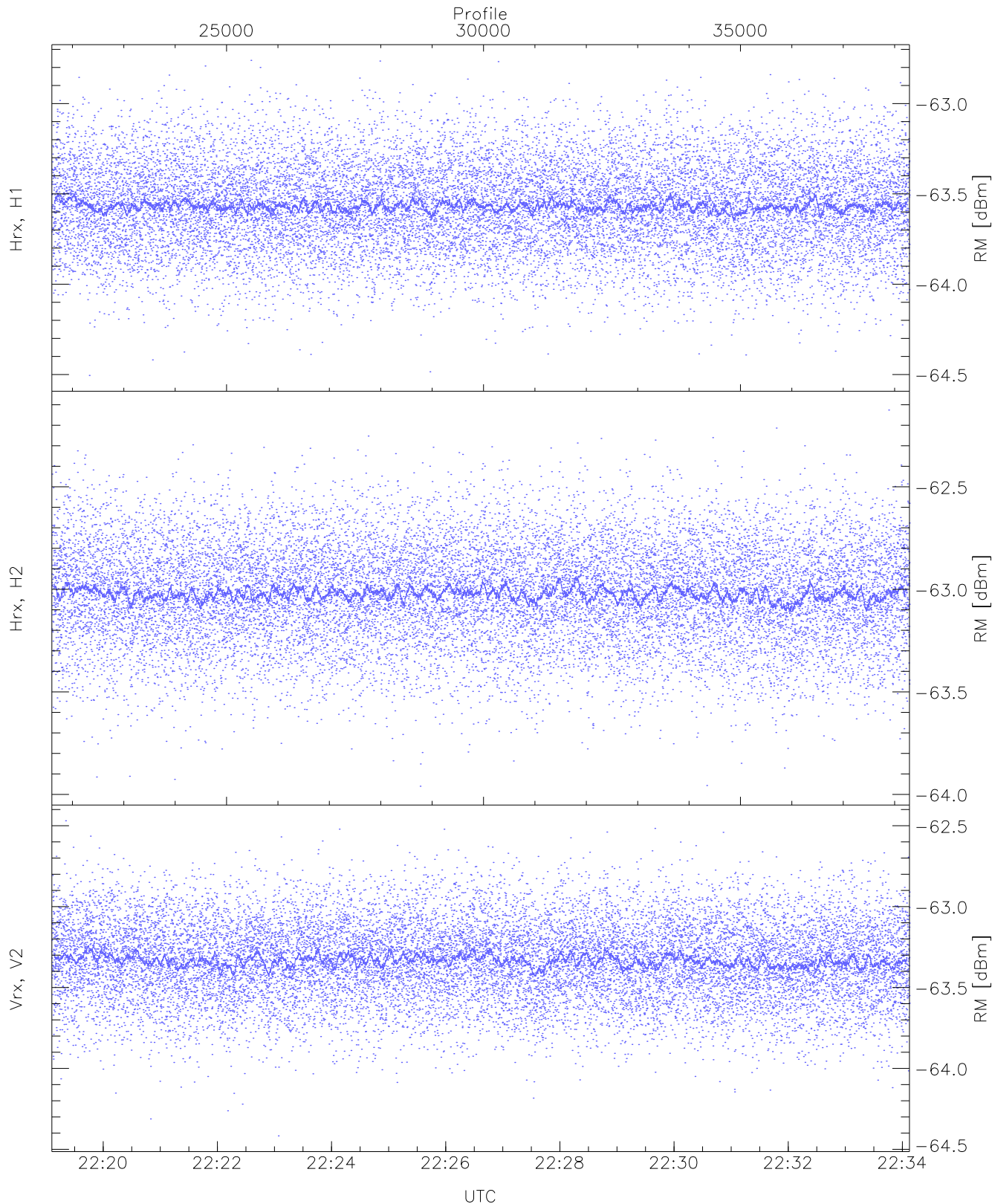
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-63.79	-62.11	-62.91	-62.91	-75.62
Hrx, H2 (WL [dBm])	-63.85	-62.14	-62.90	-62.91	-75.68
Vrx, V2 (WL [dBm])	-64.25	-62.16	-63.16	-63.16	-75.89



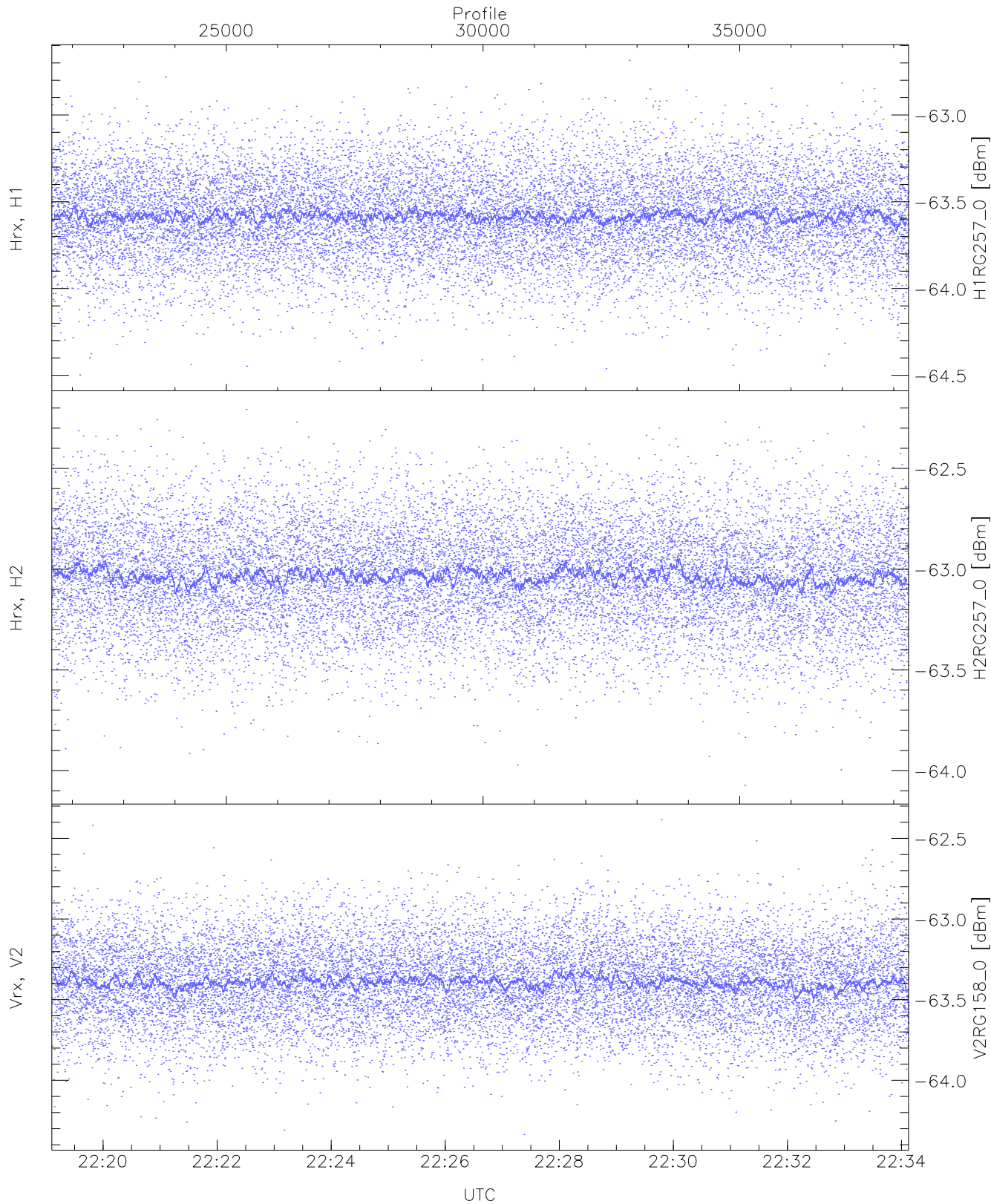
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.58	-61.87	-62.68	-62.69	-75.41
Hrx, H2 (HL [dBm])	-63.56	-61.75	-62.68	-62.69	-75.40
Vrx, V2 (HL [dBm])	-63.85	-62.07	-62.95	-62.96	-75.64



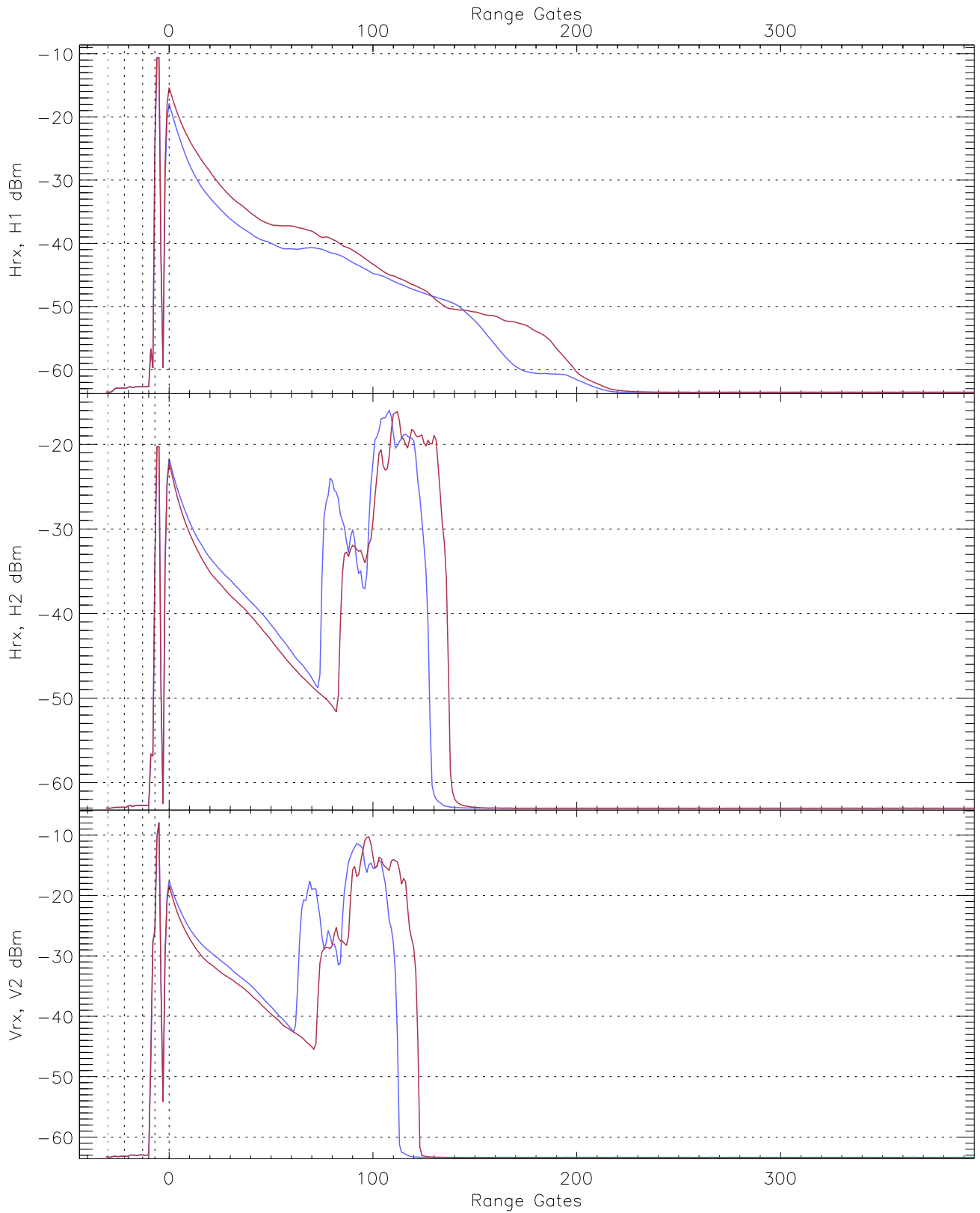
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-64.51	-62.76	-63.56	-63.57	-76.25
Hrx, H2(RM [dBm])	-63.96	-62.13	-63.02	-63.02	-75.74
Vrx, V2(RM [dBm])	-64.42	-62.47	-63.33	-63.33	-76.01

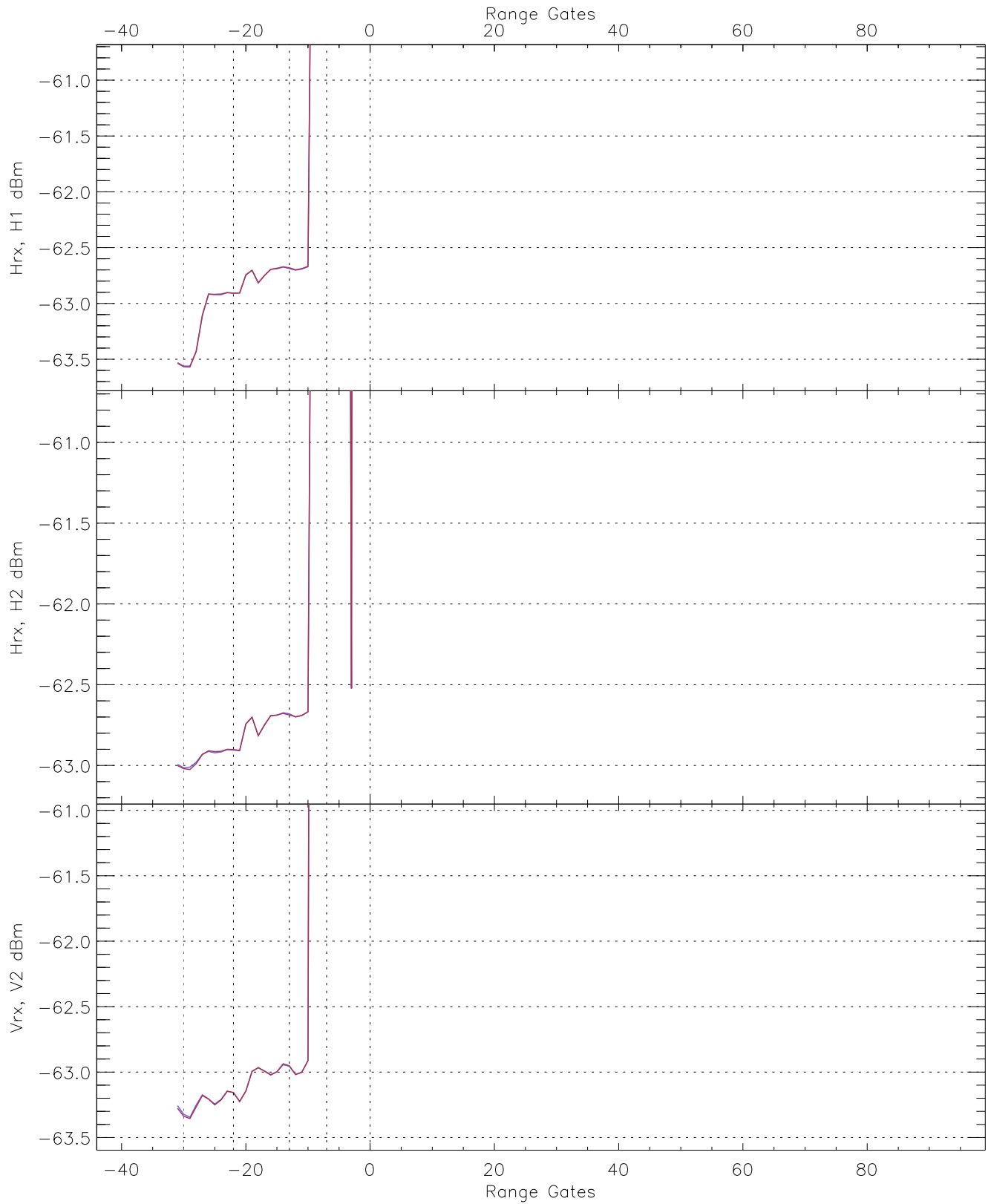


WCR2 CPP "Best" estimate Receivers Noise Power

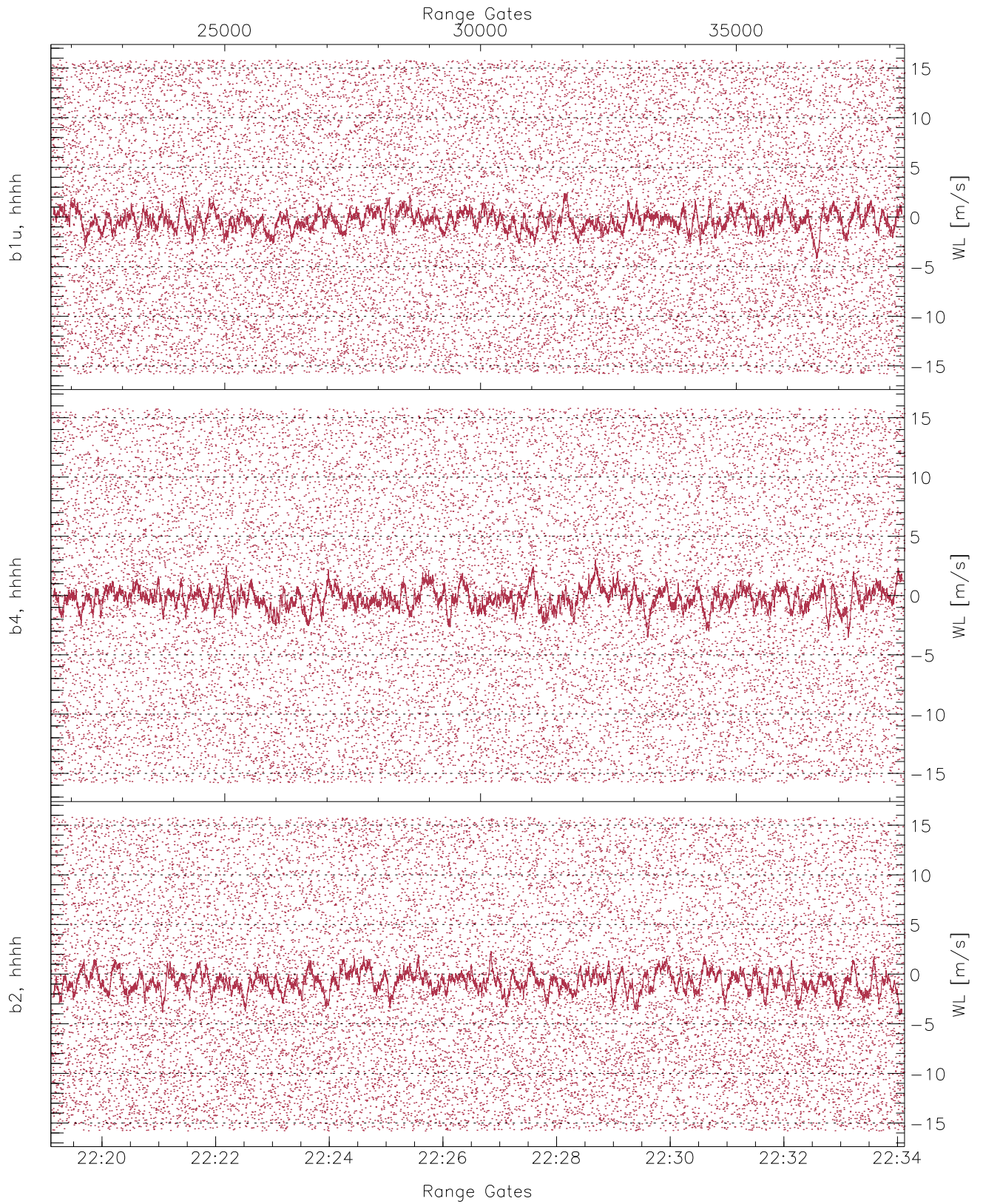
	Min	Max	Mean	Median	StDev
H1RG257_0 [dBm]	-64.50	-62.68	-63.58	-63.58	-76.26
H2RG257_0 [dBm]	-64.07	-62.21	-63.03	-63.04	-75.68
V2RG158_0 [dBm]	-64.34	-62.38	-63.39	-63.39	-76.06



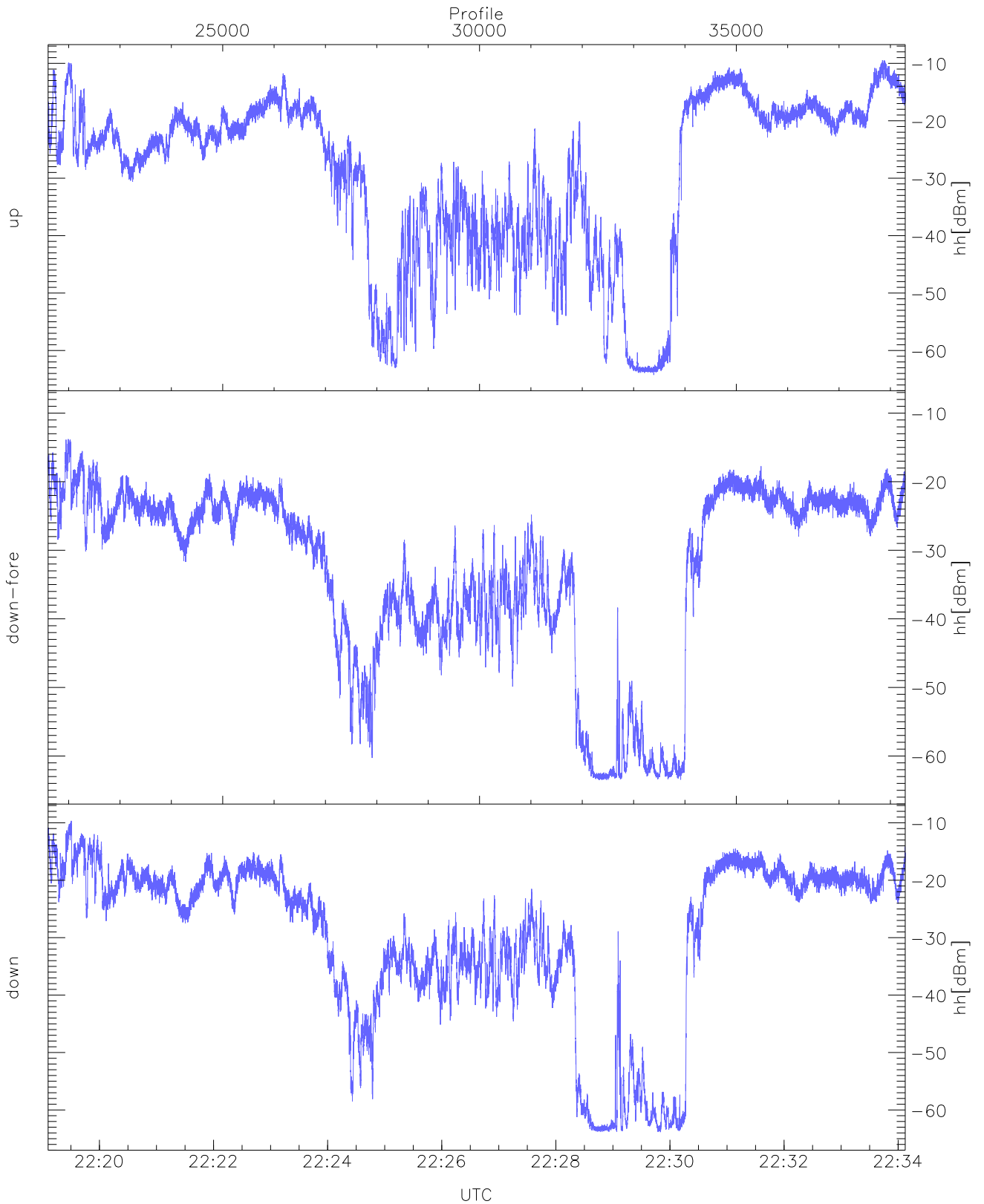
WCR2 CPP Averaged Received power for all recorded gates
blue: 221906-222637, 8346 profiles averaged
red: 222637-223407, 8345 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 221906-222637, 8346 profiles averaged
red: 222637-223407, 8345 profiles averaged

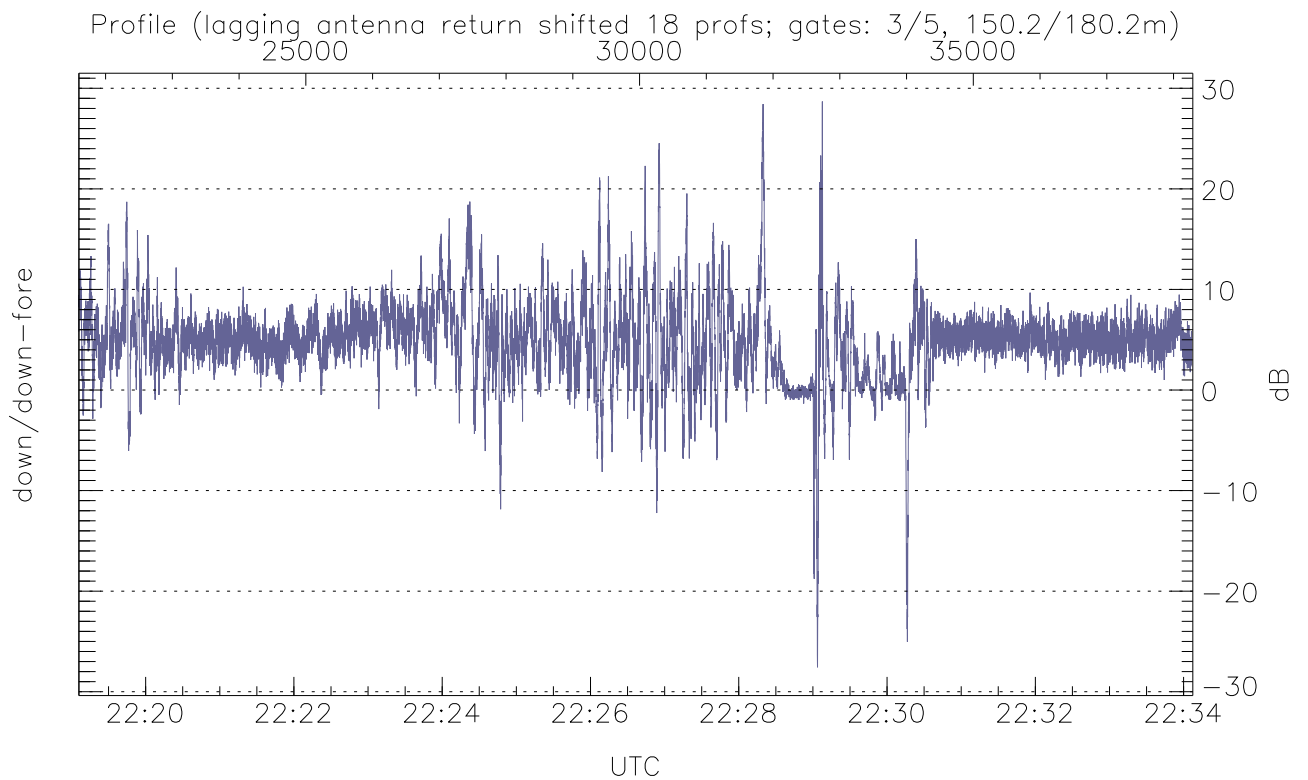
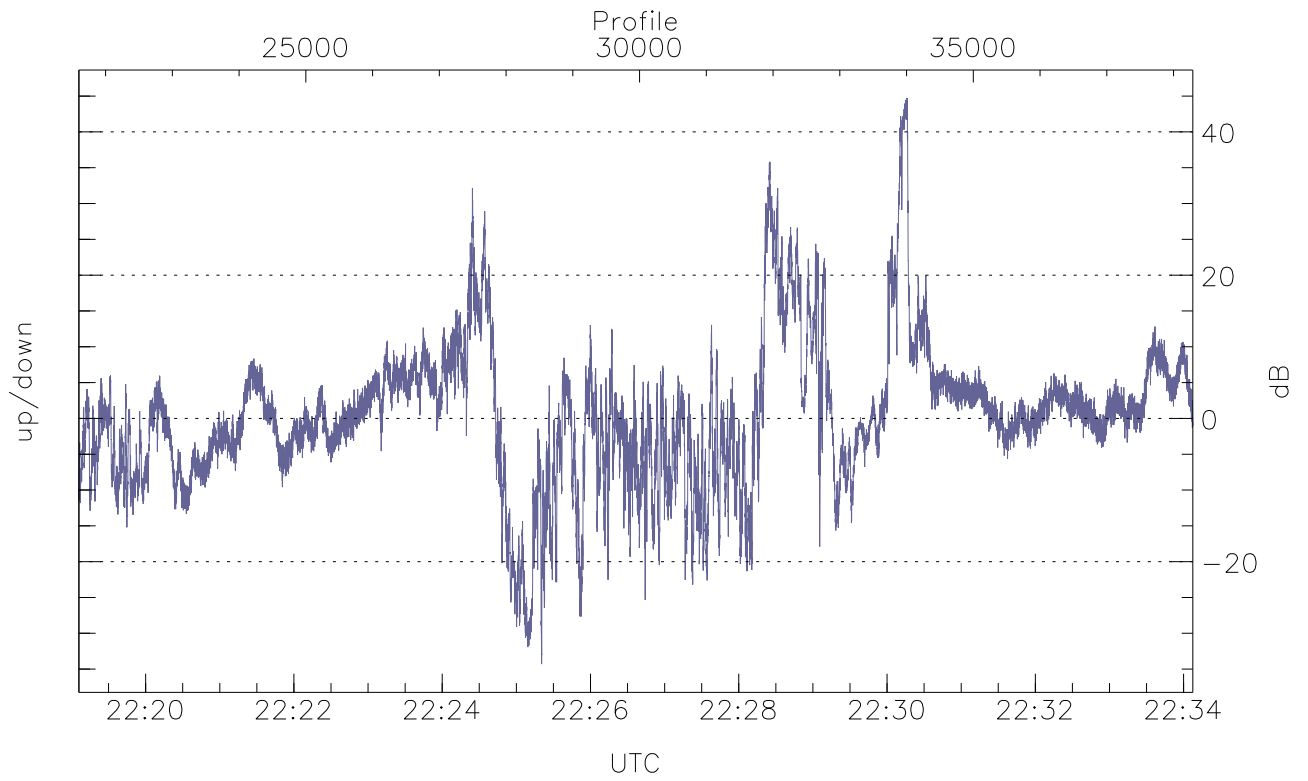


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

	Min	Max	Mean
up(hh[dBm])	-64.27	-9.47	-19.63
down-fore(hh[dBm])	-63.50	-13.79	-24.83
down(hh[dBm])	-63.86	-9.65	-21.13



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

	Min	Max	Mean
up/down (dB)	-34.30	44.69	0.51
down/down-fore (dB)	-27.57	28.69	4.82

