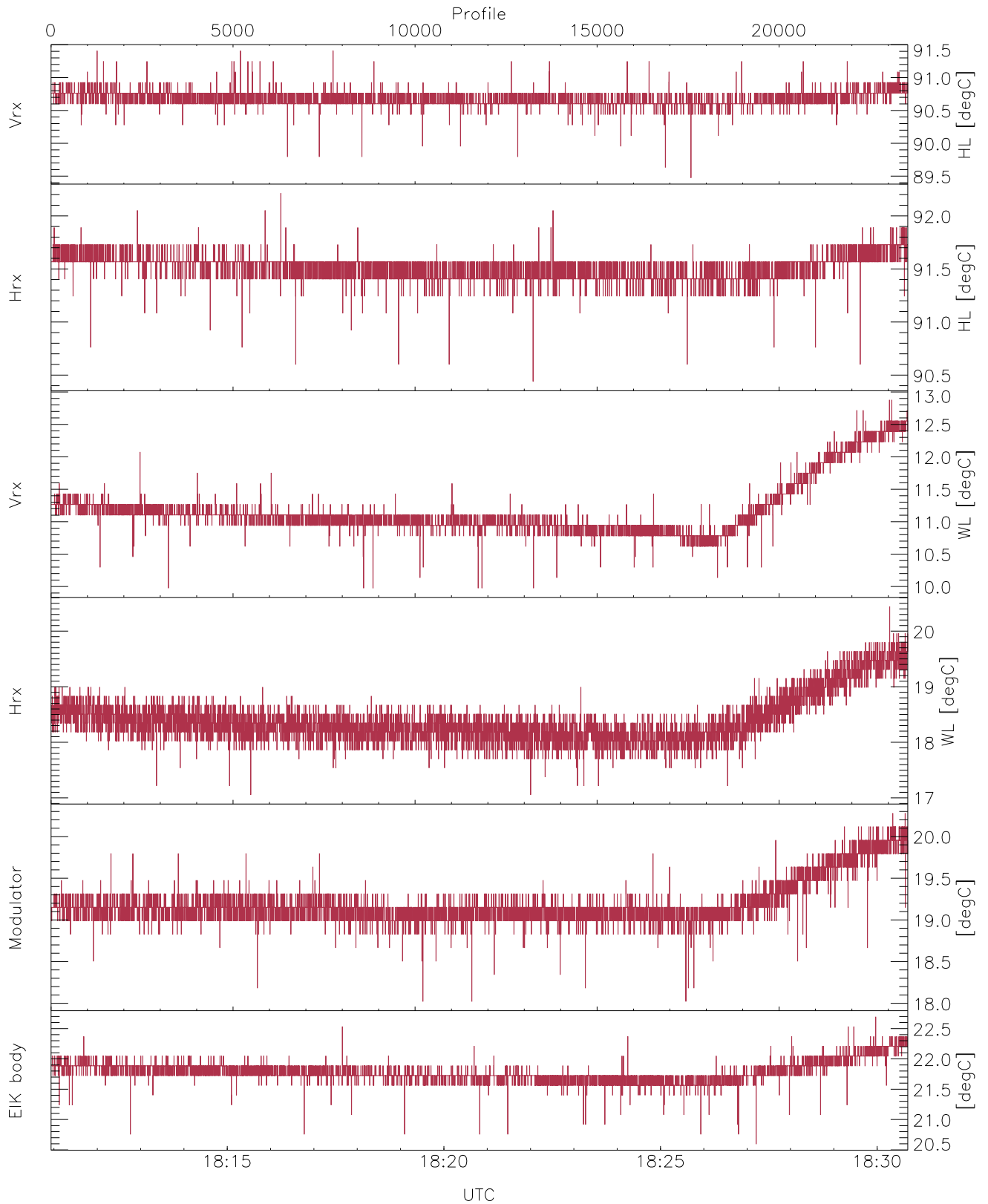


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

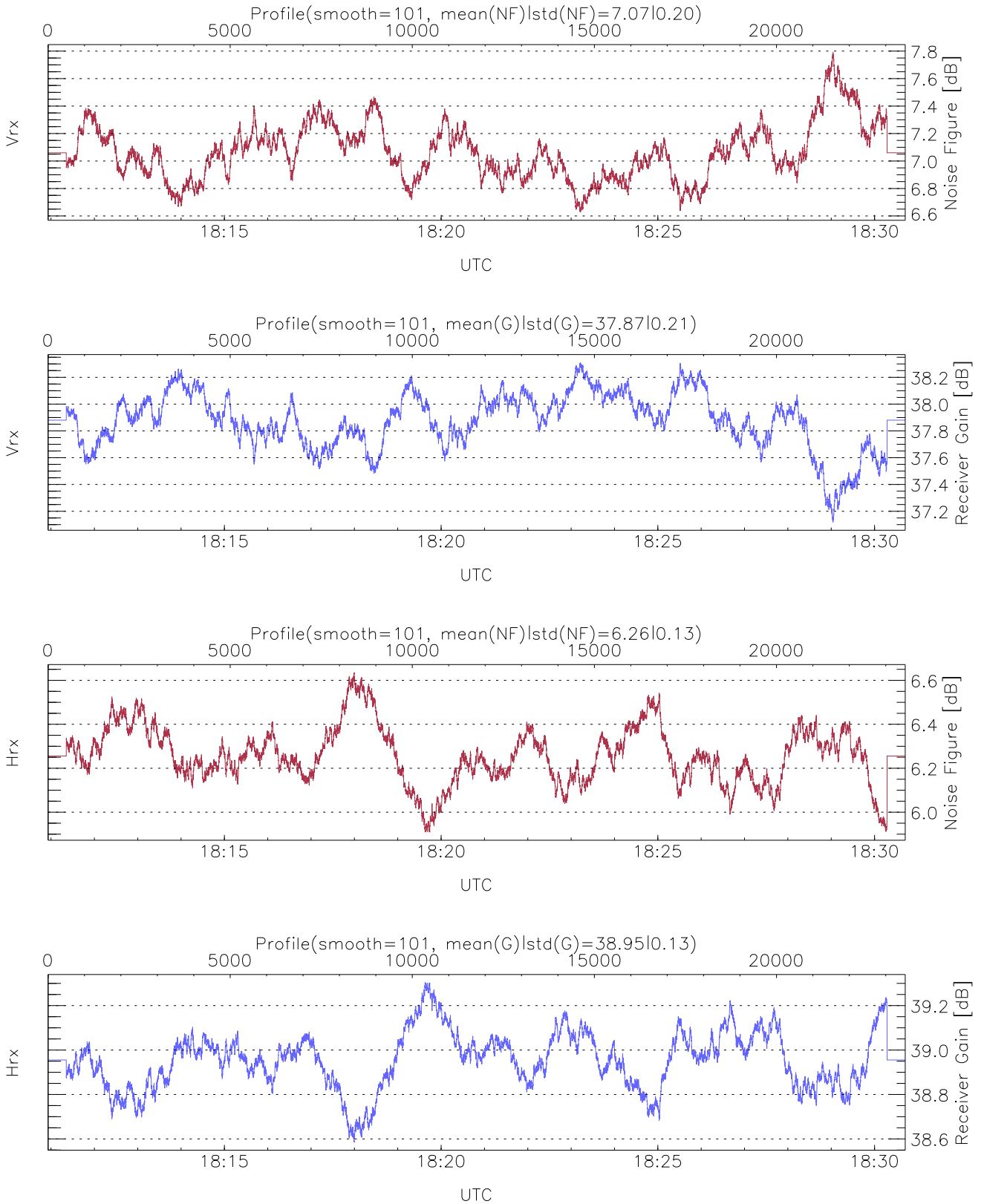
UTC: 18:10:56-18:30:42, Dur: 1186.51s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
 NumRec(r/t): 23537/23537, 0-23536/18:10:56-18:30:42
 AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
 Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us
 Range(min,max,rqs): 105,5271,15.0 m, Gates: 345, Aspect: 3.3
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



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

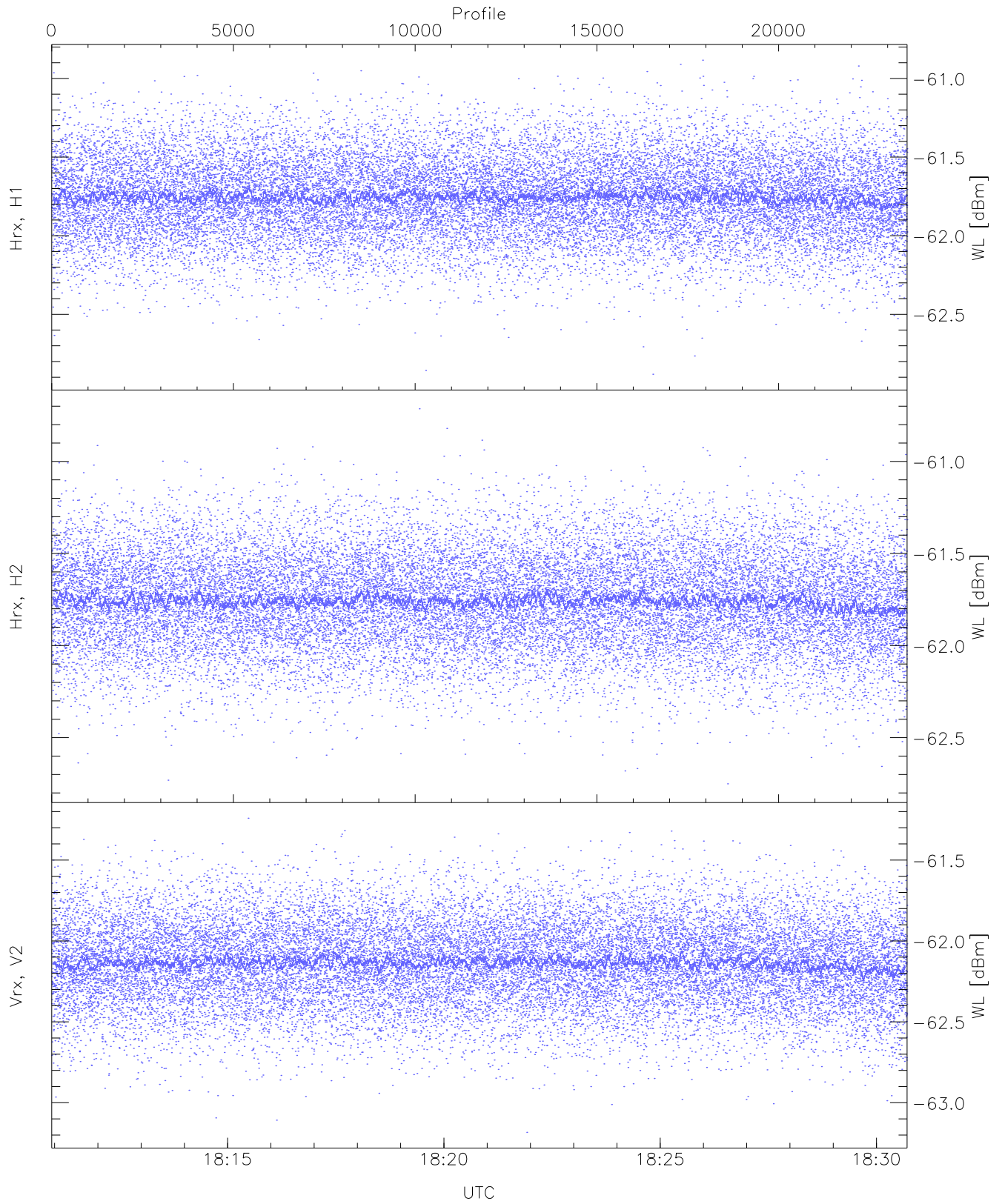
```

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 89,90,9,17,18,20
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,12,20,20,22
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
  OverDuty,HVPS (5,5)
    
```



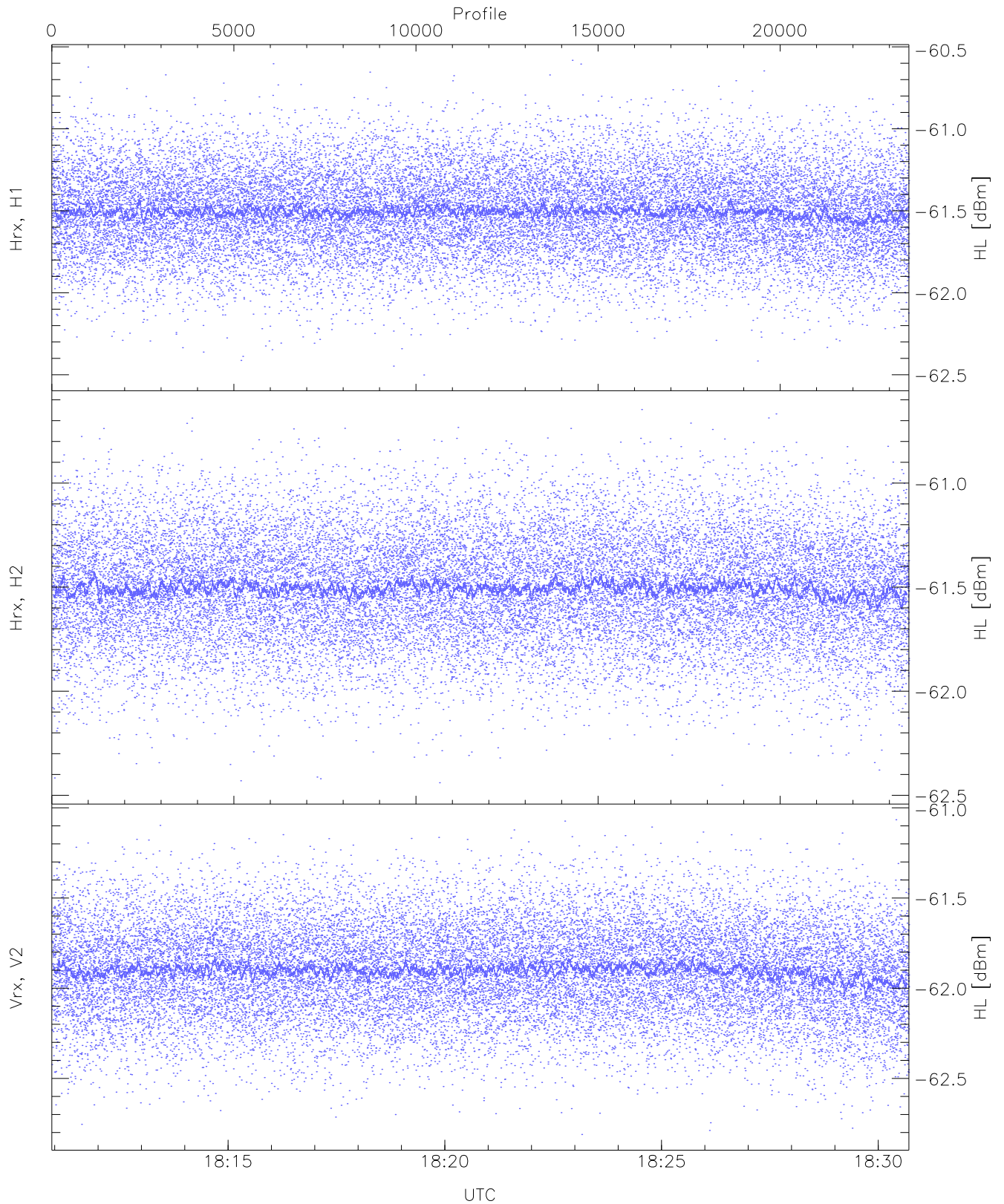
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 9301 pixs, 20 gates, 8451 profs, 2 prods



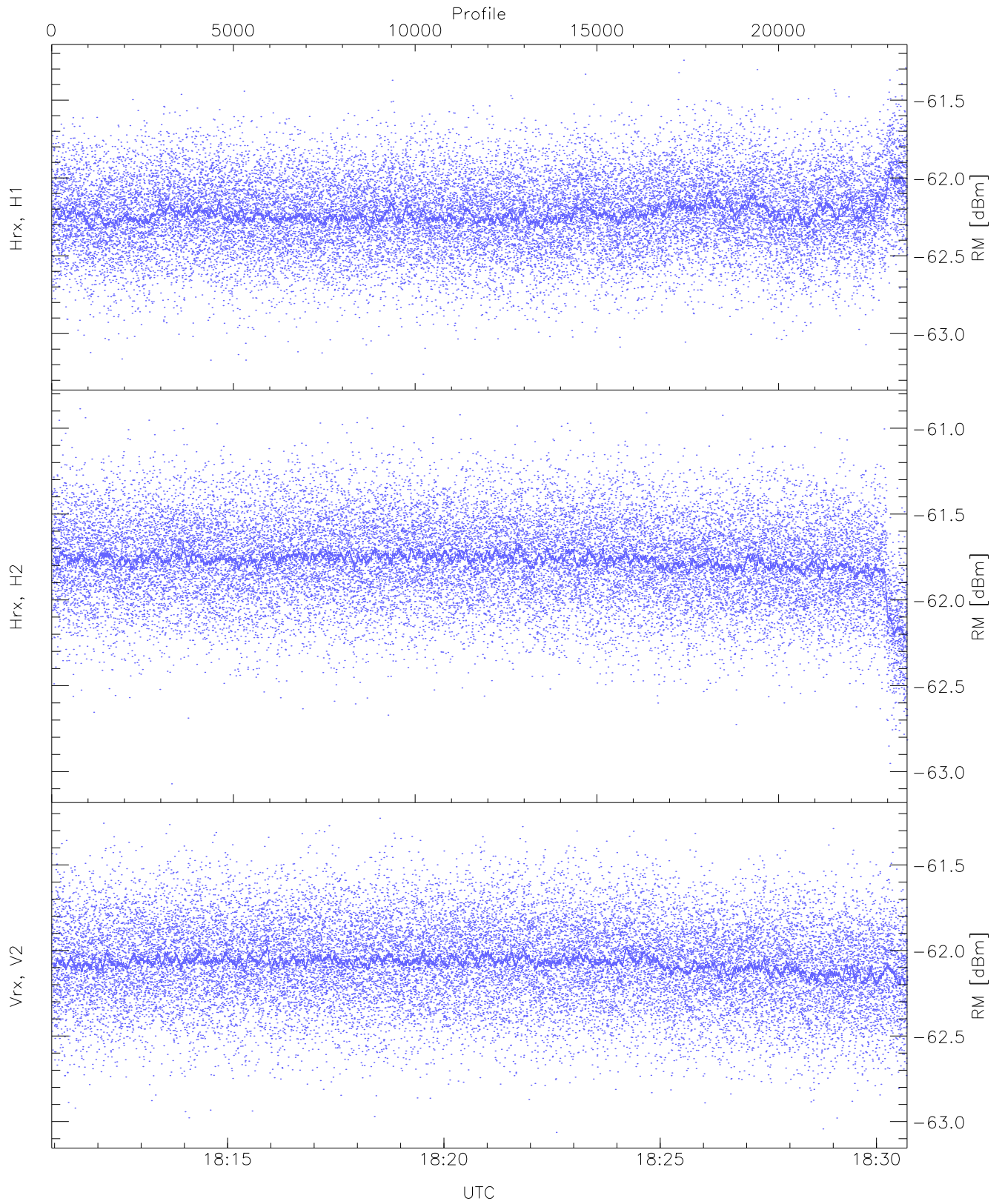
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-62.88	-60.88	-61.75	-61.76	-74.33
Hrx, H2 (WL [dBm])	-62.75	-60.71	-61.76	-61.76	-74.33
Vrx, V2 (WL [dBm])	-63.18	-61.24	-62.13	-62.14	-74.70



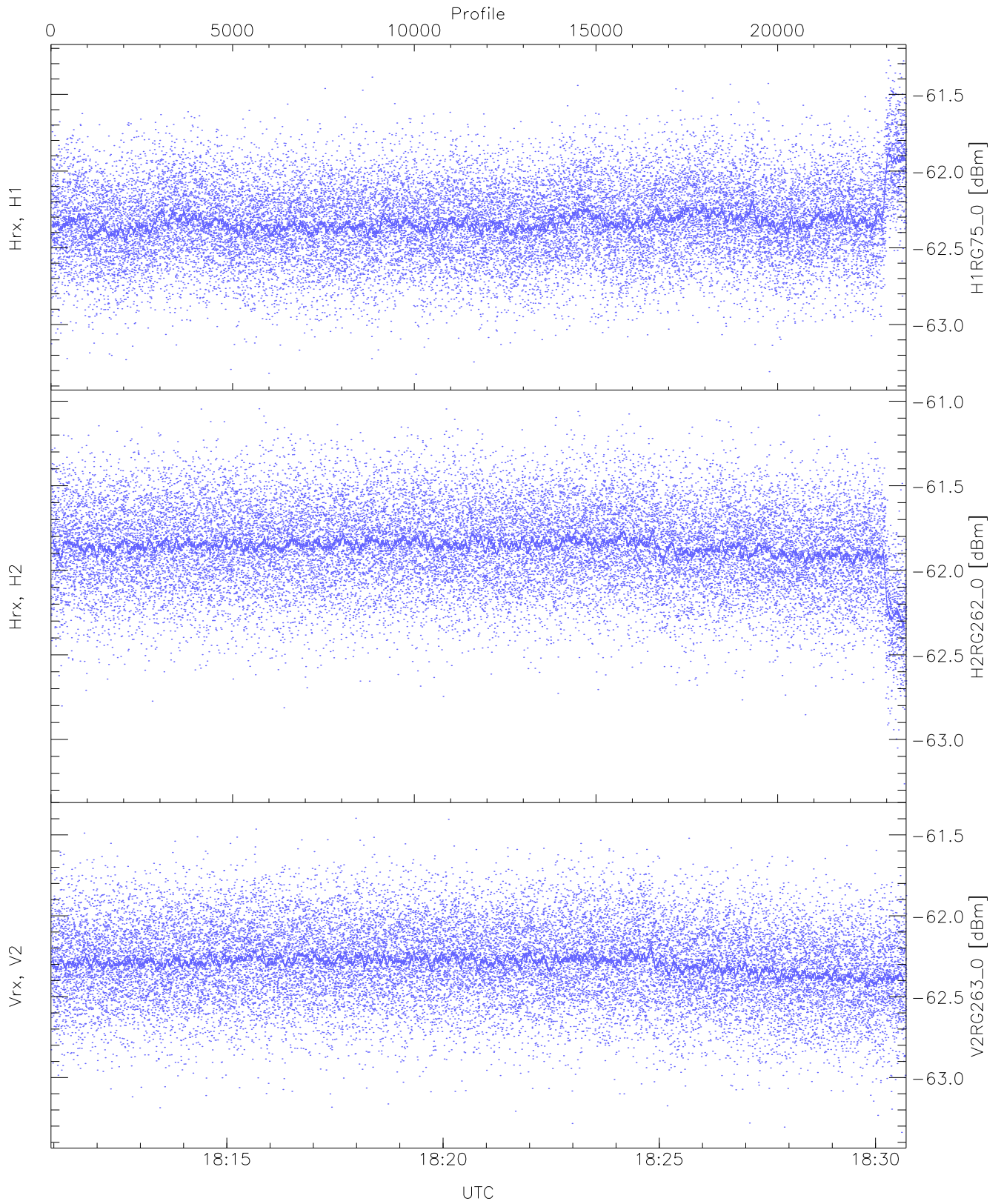
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.50	-60.58	-61.50	-61.51	-74.06
Hrx, H2 (HL [dBm])	-62.45	-60.65	-61.50	-61.51	-74.07
Vrx, V2 (HL [dBm])	-62.81	-61.07	-61.90	-61.90	-74.48



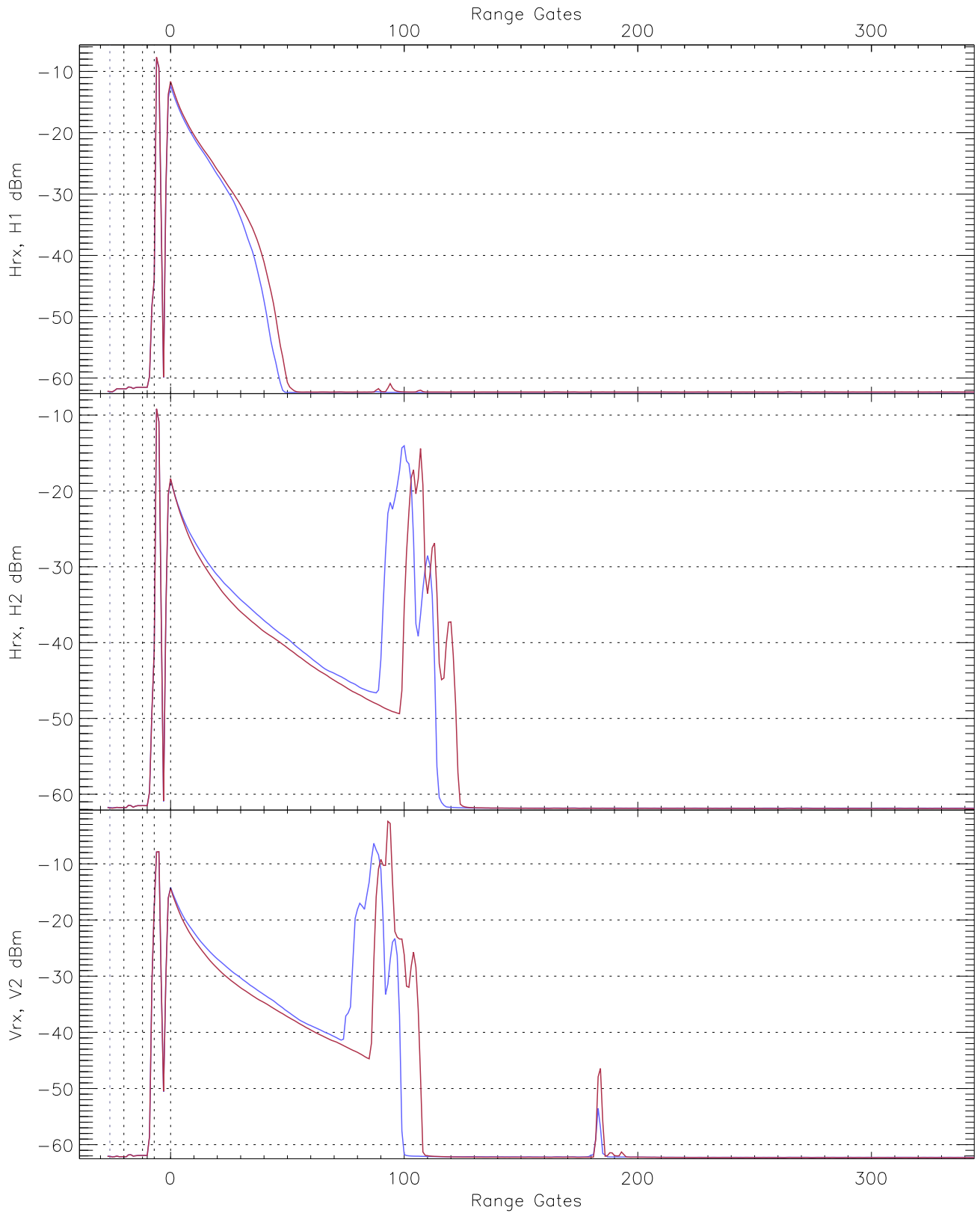
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.26	-61.24	-62.22	-62.22	-74.72
Hrx, H2 (RM [dBm])	-63.07	-60.89	-61.77	-61.77	-74.20
Vrx, V2 (RM [dBm])	-63.06	-61.23	-62.07	-62.07	-74.58

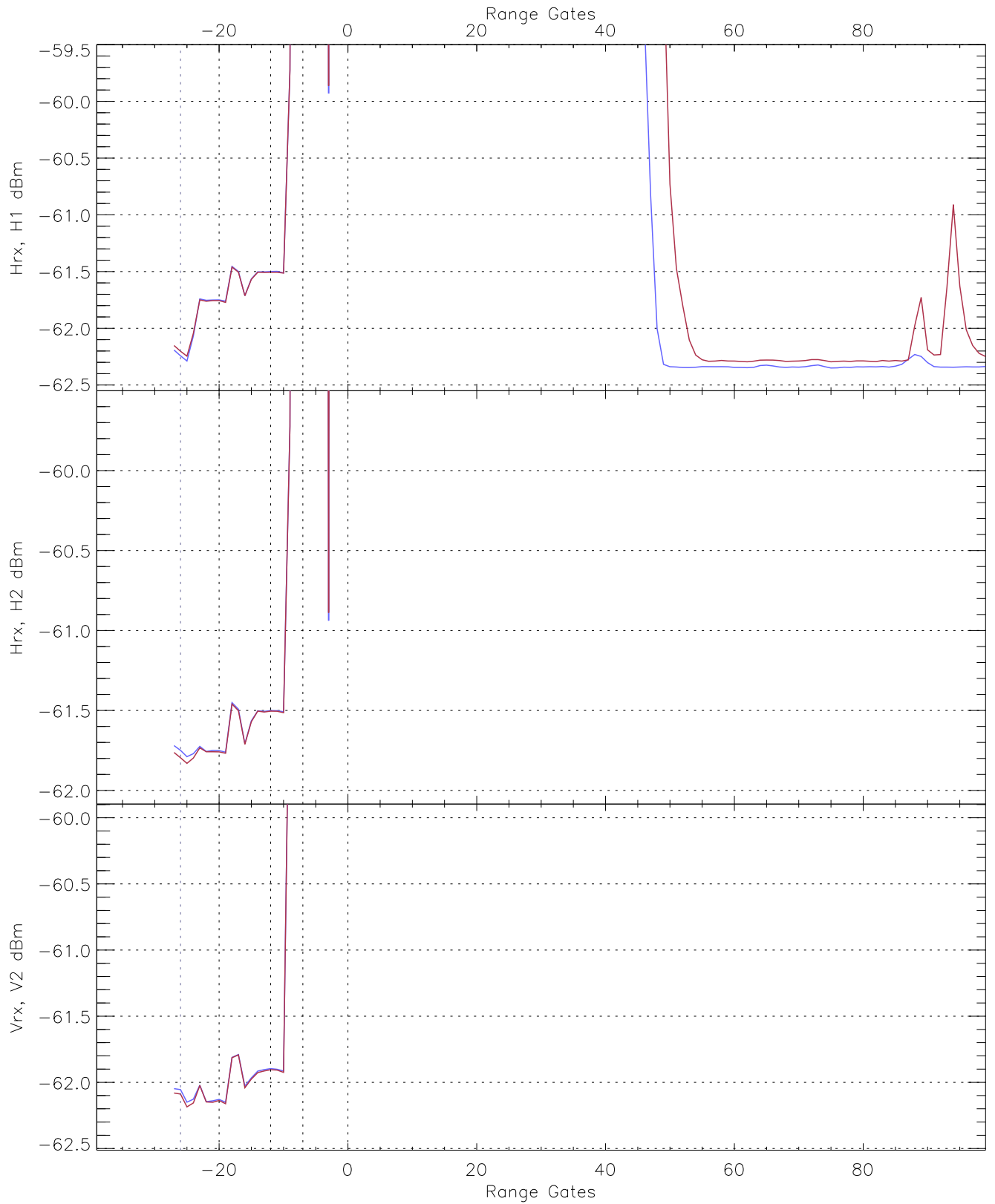


WCR2 CPP "Best" estimate Receivers Noise Power

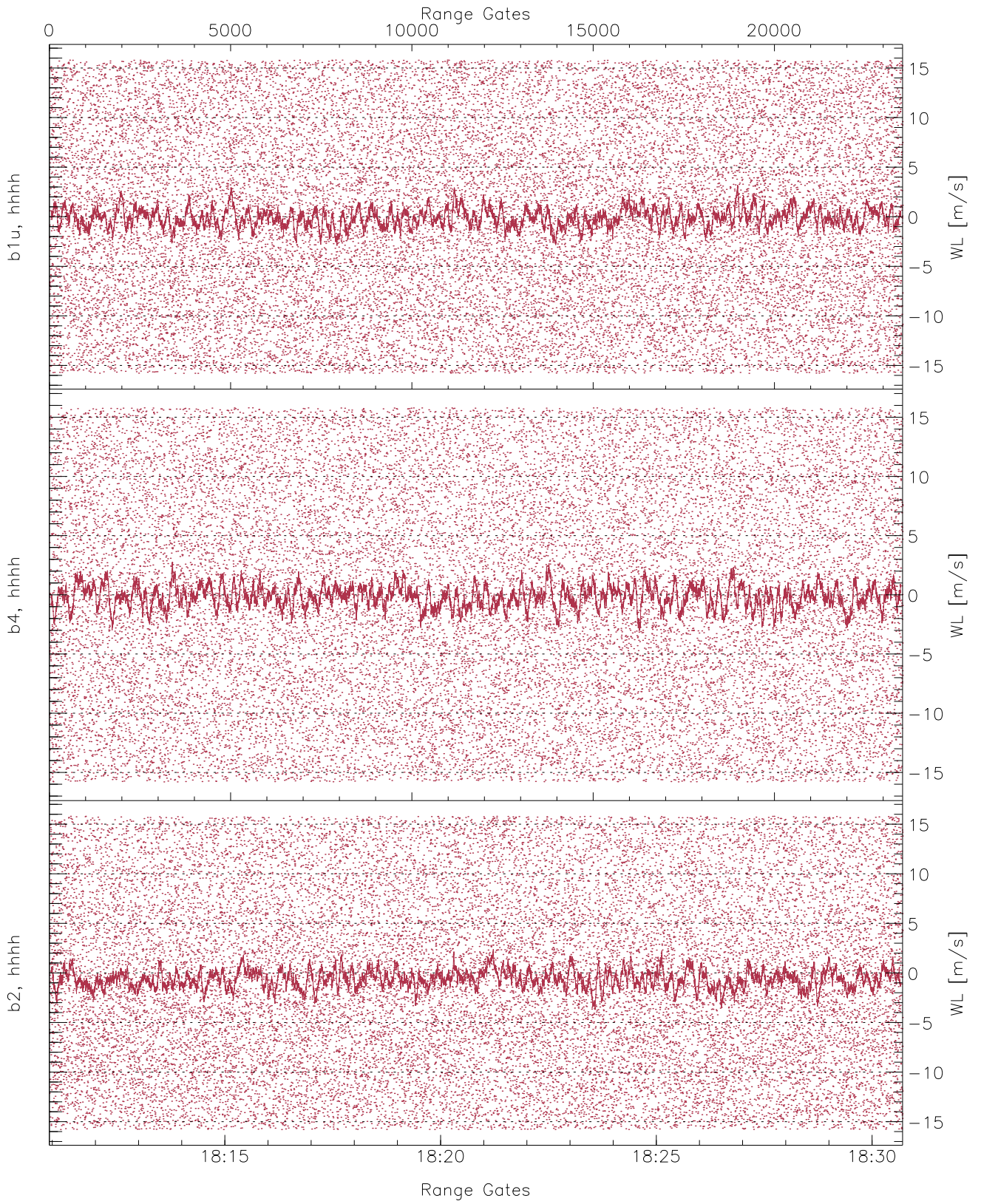
	Min	Max	Mean	Median	StDev
H1RG75_0 [dBm]	-63.32	-61.28	-62.32	-62.33	-74.65
H2RG262_0 [dBm]	-63.26	-61.04	-61.86	-61.86	-74.26
V2RG263_0 [dBm]	-63.34	-61.40	-62.29	-62.30	-74.82



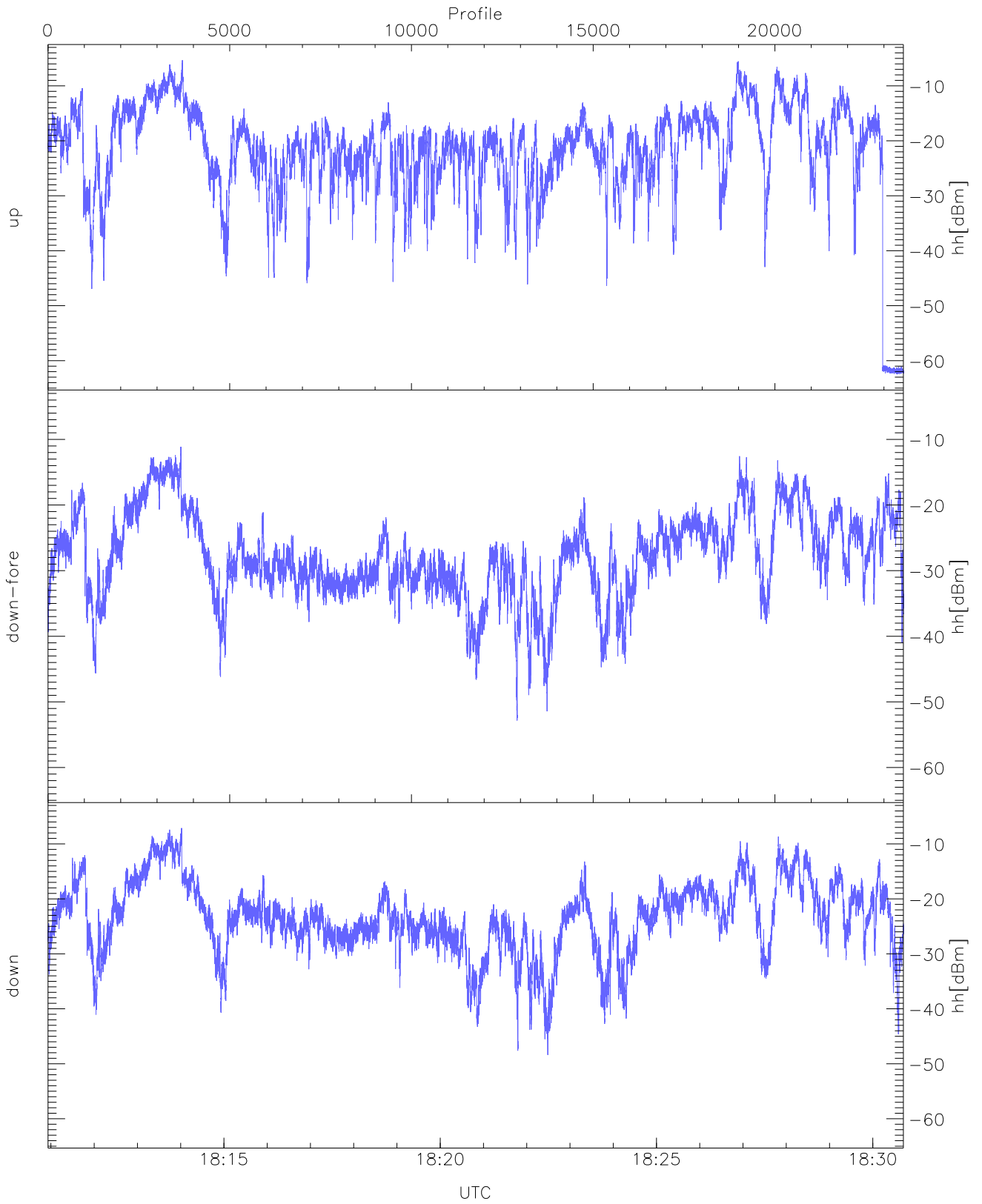
WCR2 CPP Averaged Received power for all recorded gates
blue: 181056-182049, 11769 profiles averaged
red: 182049-183042, 11769 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 181056-182049, 11769 profiles averaged
red: 182049-183042, 11769 profiles averaged

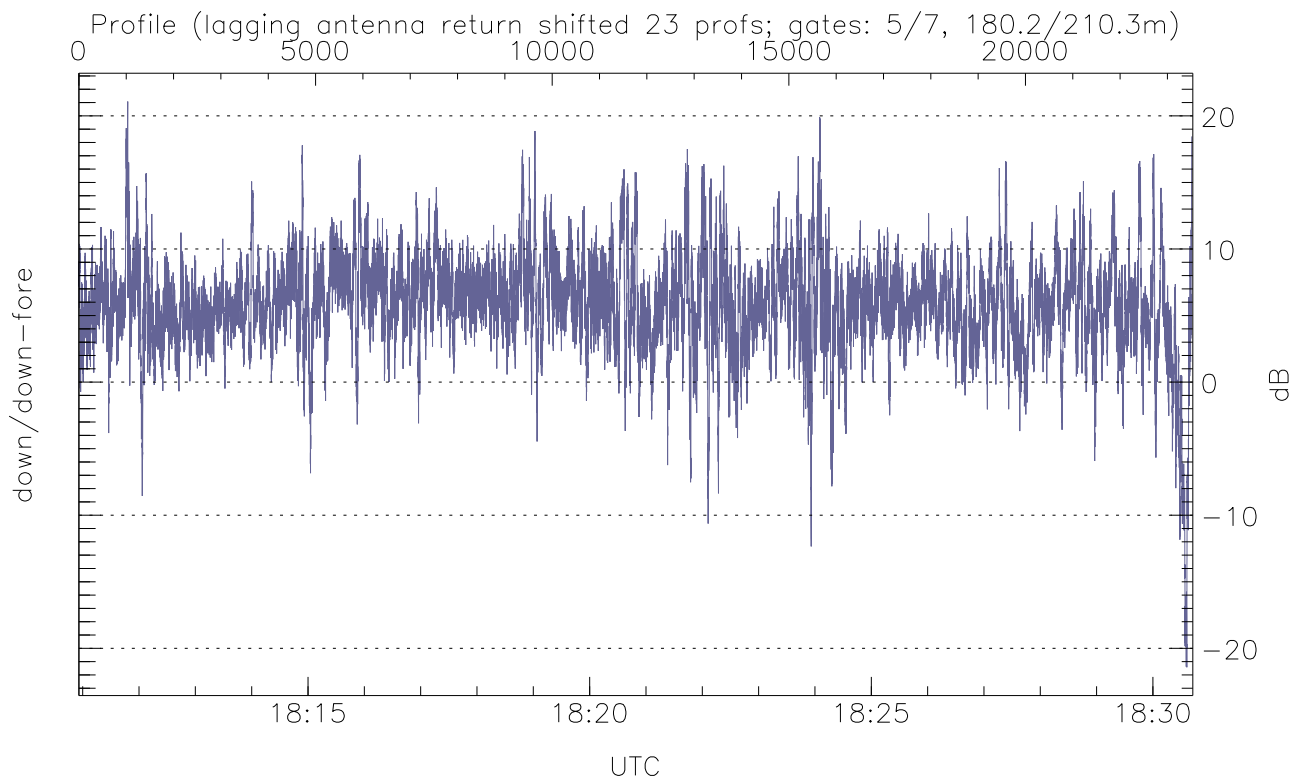
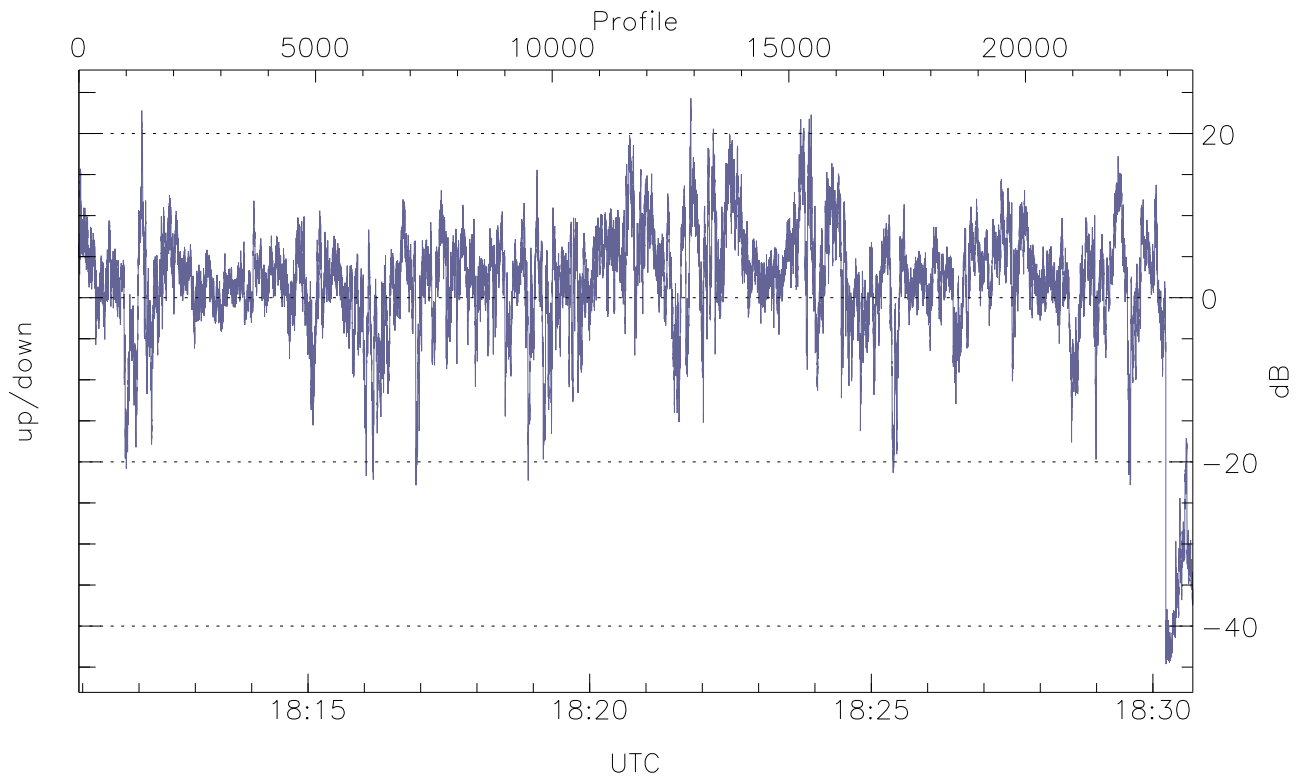


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



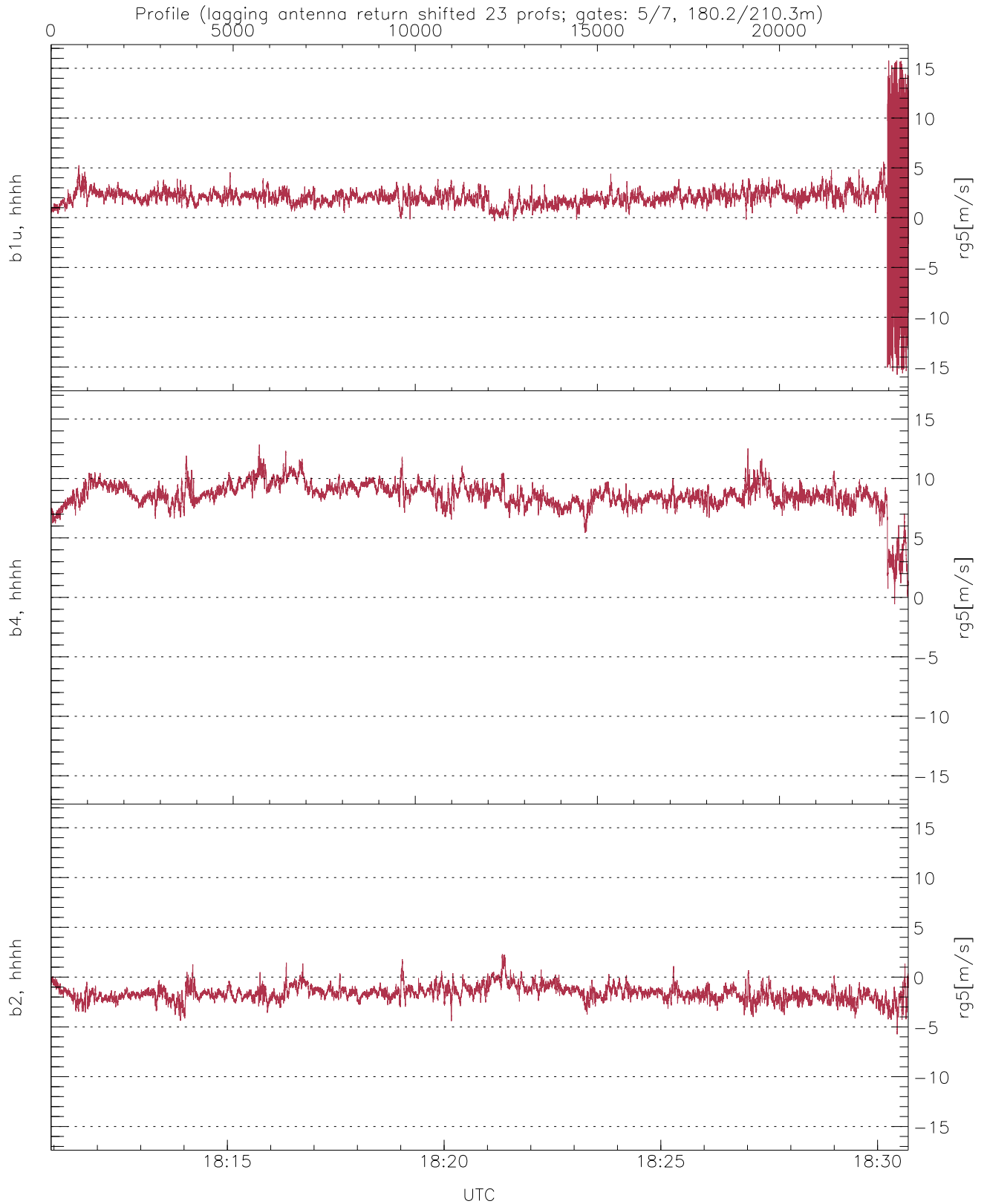
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh [dBm])	-62.48	-5.33	-17.06
down-fore(hh [dBm])	-52.84	-11.12	-23.53
down(hh [dBm])	-48.39	-7.11	-19.41



WCR2 Beam pairs Received Power Ratio(s); RangeGate: 5 (180 m)

	Min	Max	Mean
up/down (dB)	-44.63	24.29	1.39
down/down-fore (dB)	-21.42	21.08	5.85



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.77	15.77	2.02	1.53
b4, hhhh(rg5[m/s])	-0.58	12.86	8.58	1.22
b2, hhhh(rg5[m/s])	-5.74	2.30	-1.62	0.76