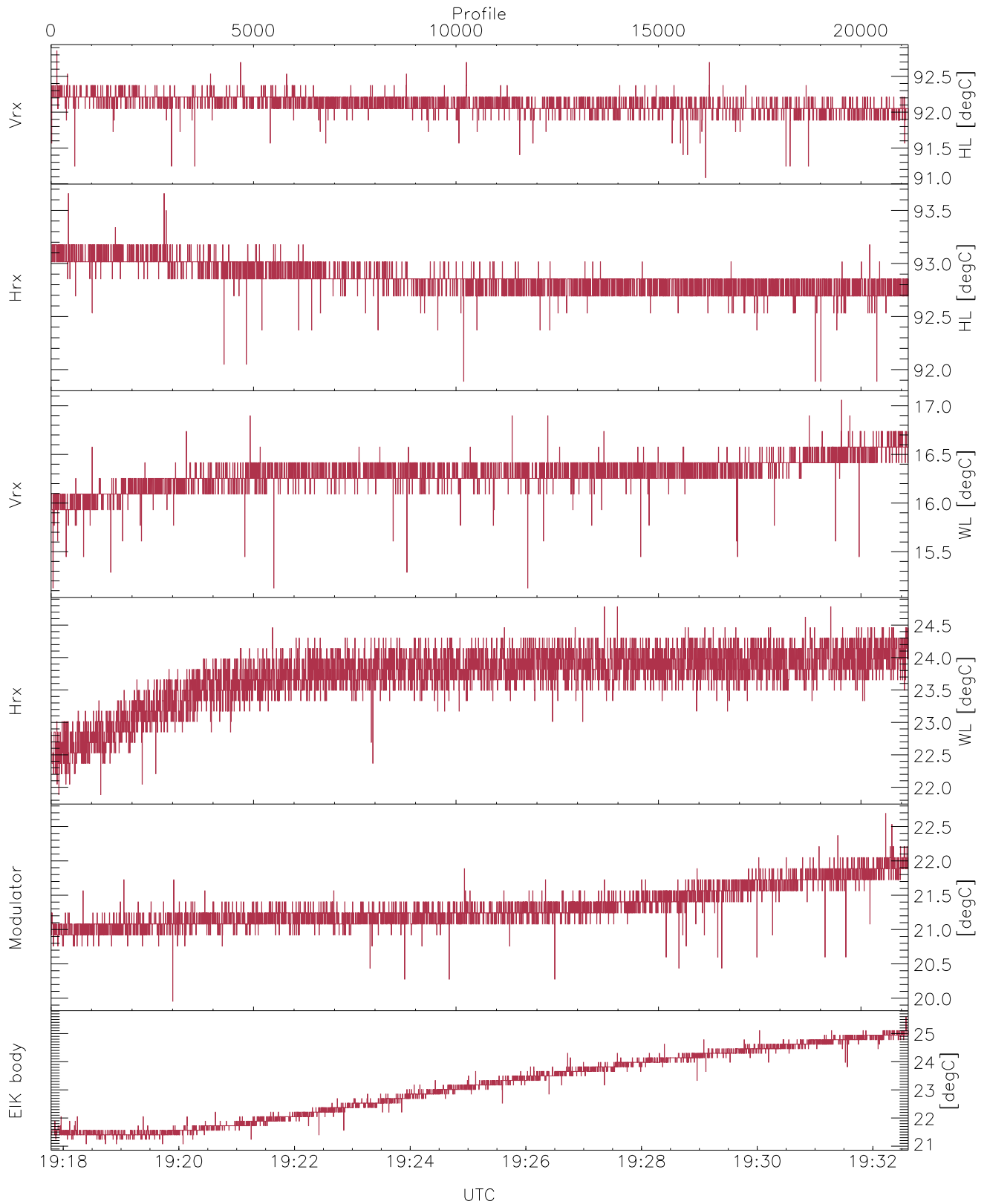


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

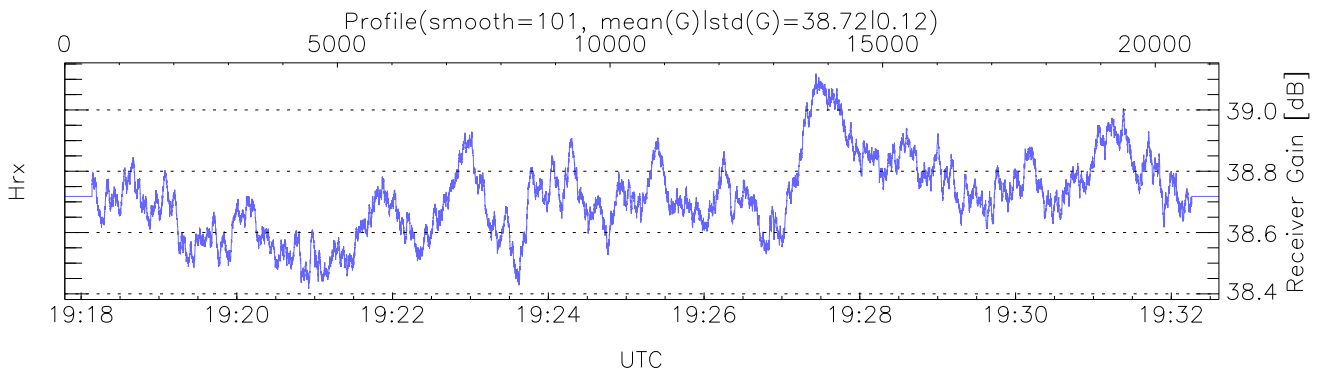
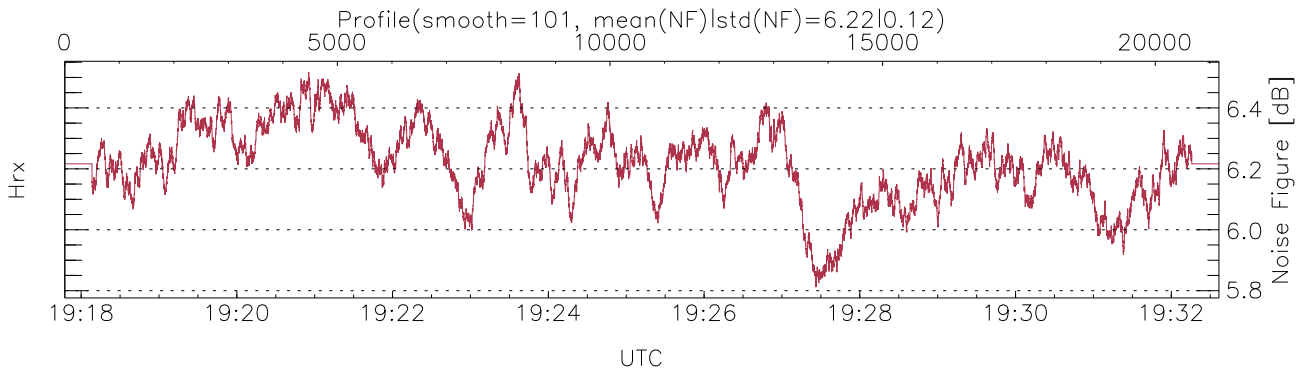
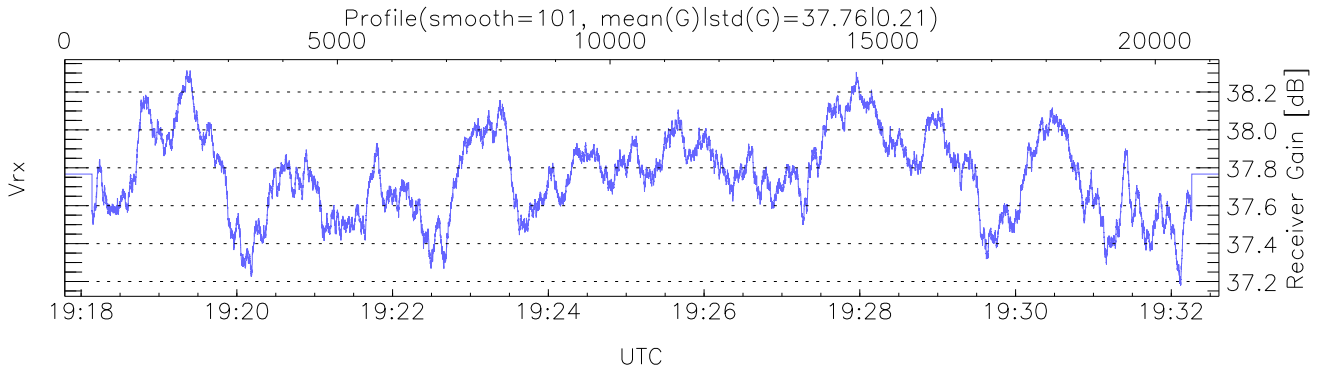
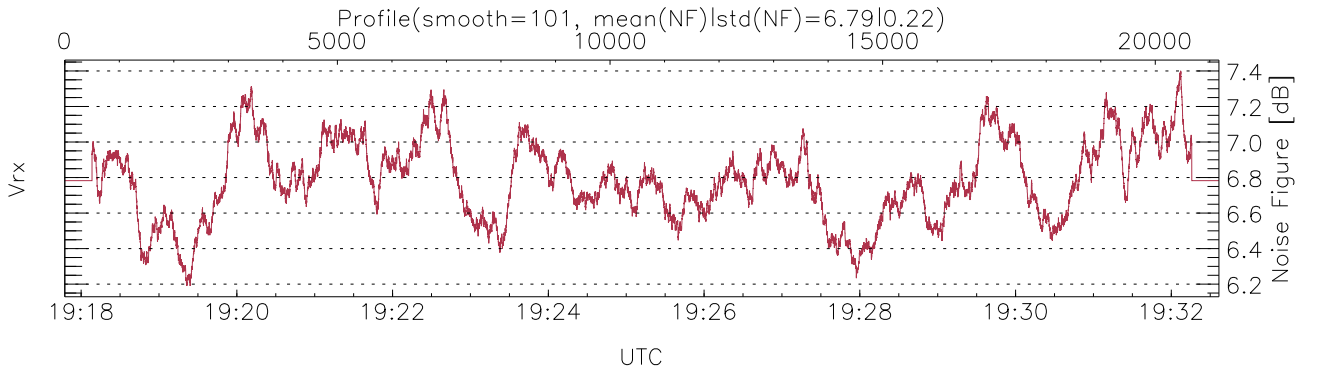
UTC: 19:17:47-19:32:37, Dur: 889.28s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 42.0,42.0,42.0,0.0 ms / 24,24,24
 NumRec(r/t): 21169/21169, 0-21168/19:17:47-19:32:37
 AcqTime: 42.0ms, Rate: 461KB/s, Averages: 140
 Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us
 Range(min,max,rgs): 97,3634,7.5 m, Gates: 472, Aspect: 2.0
 Mirror(-910112,3,9x = no mirror/sideluplerror): 3



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

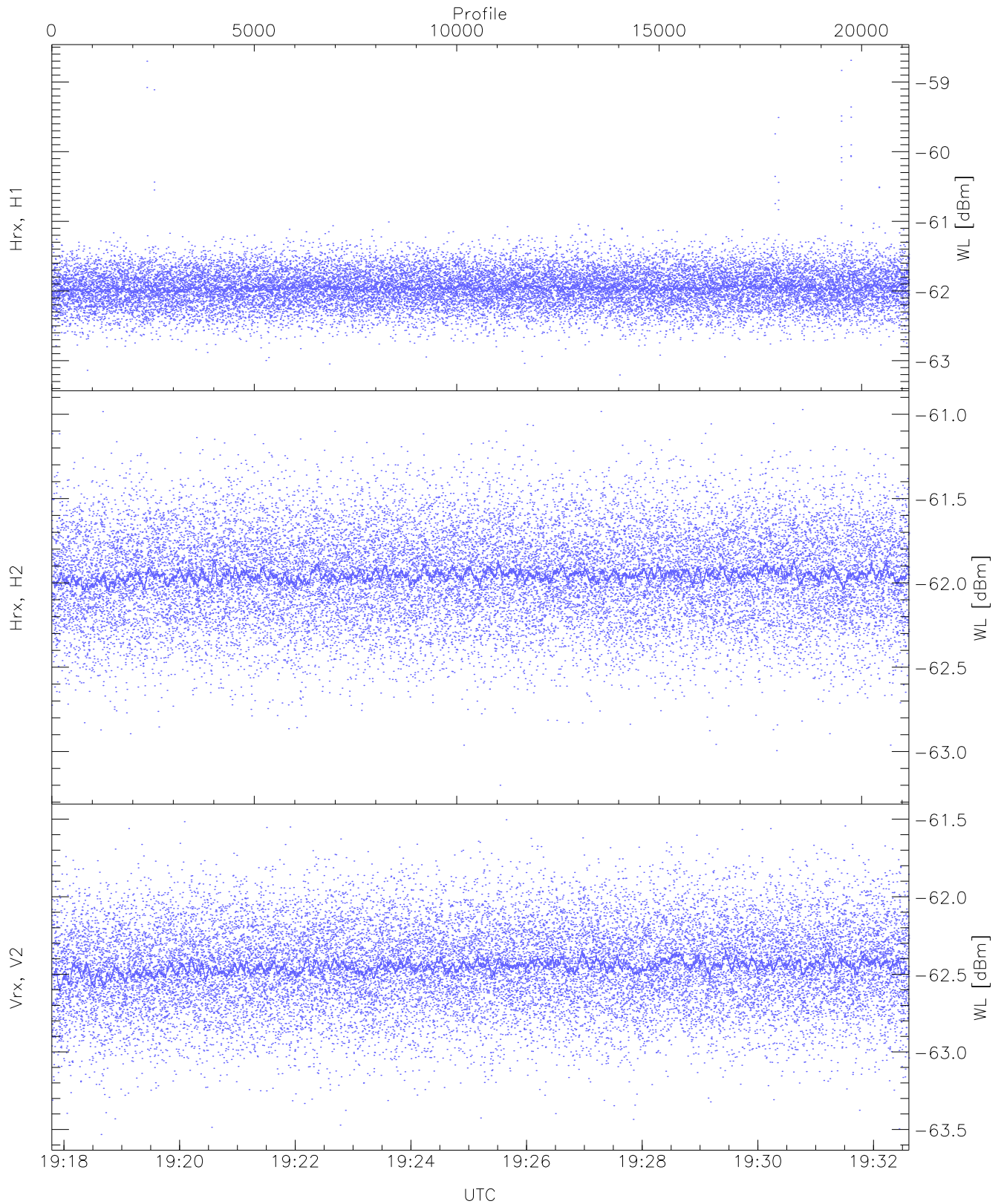
```

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,91,15,21,19,21
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,17,24,22,25
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (6,6,6,6,6,25)
    
```



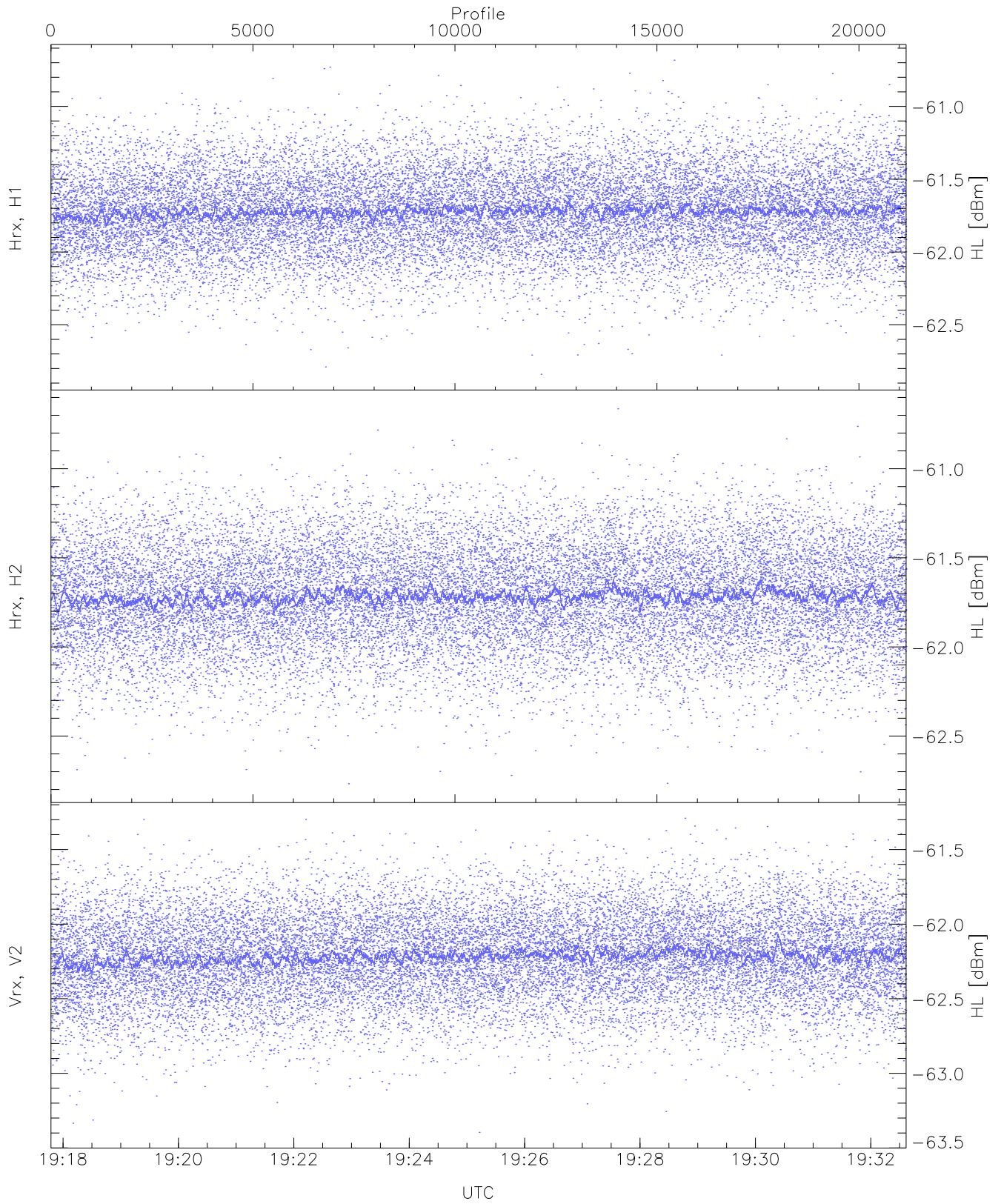
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 434 pixs, 47 gates, 279 profs, 1 prods



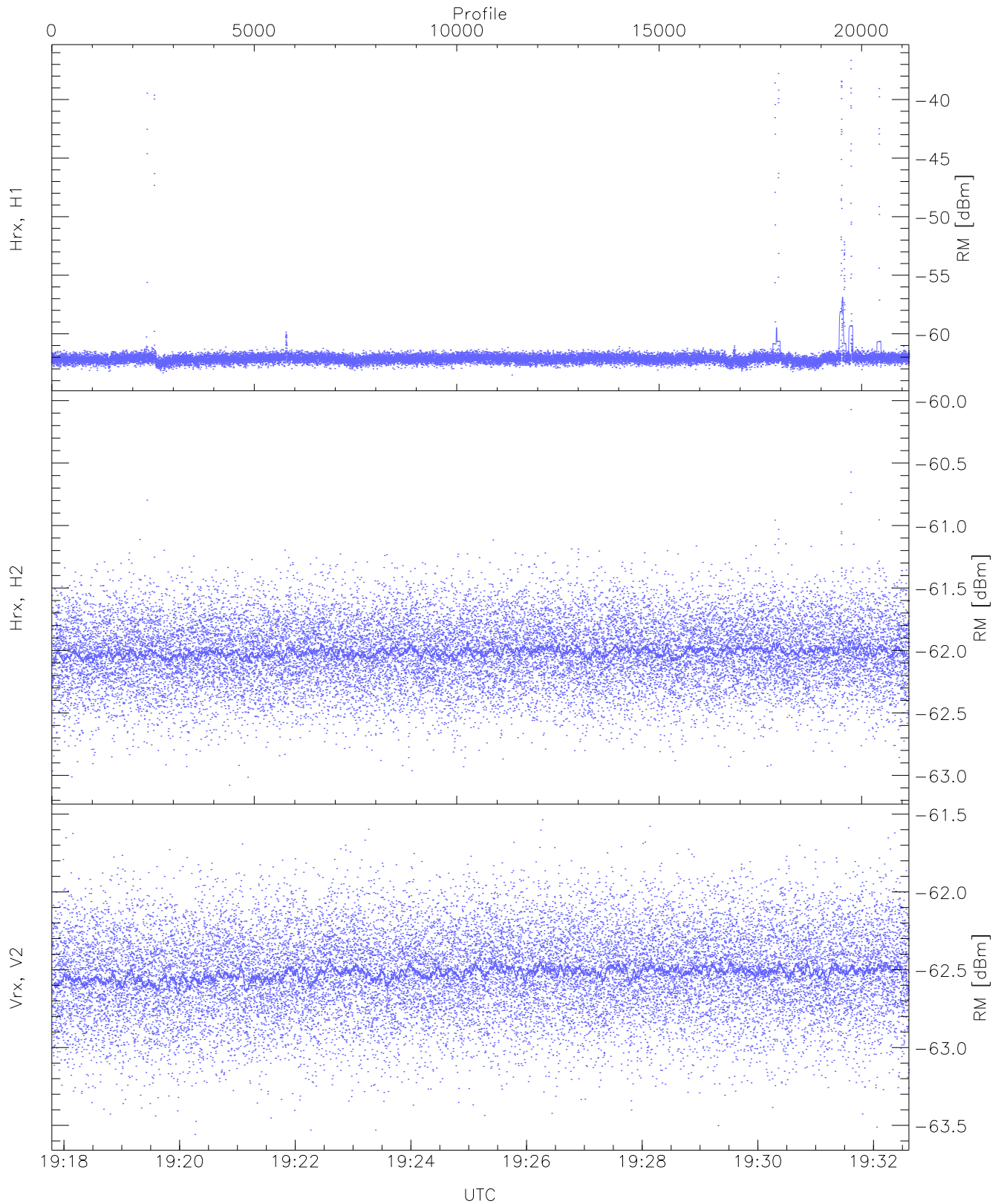
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-63.21	-58.69	-61.95	-61.96	-73.80
Hrx, H2 (WL [dBm])	-63.20	-60.97	-61.95	-61.96	-74.12
Vrx, V2 (WL [dBm])	-63.53	-61.50	-62.45	-62.45	-74.60



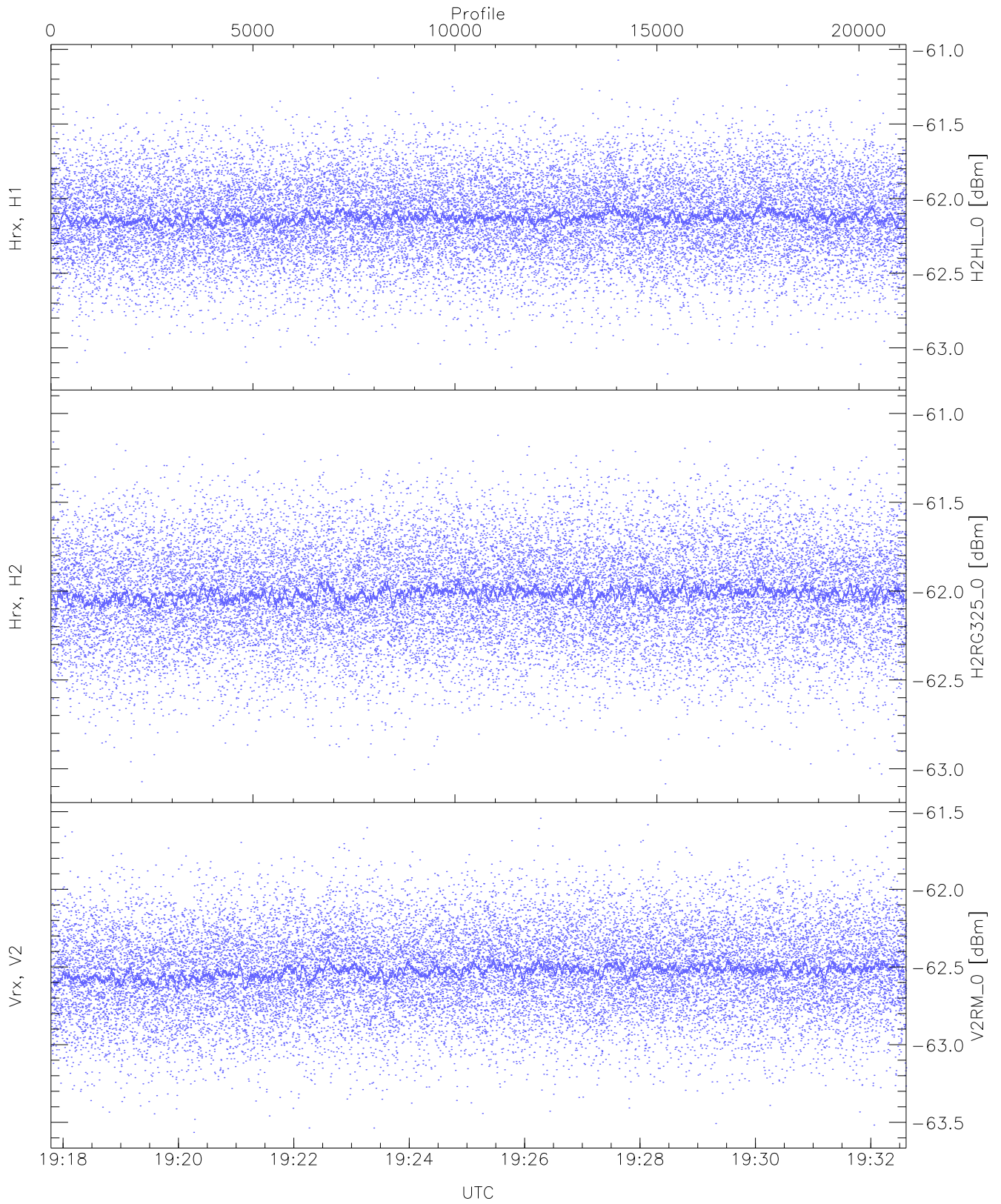
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.84	-60.68	-61.72	-61.72	-73.89
Hrx, H2 (HL [dBm])	-62.77	-60.66	-61.71	-61.72	-73.91
Vrx, V2 (HL [dBm])	-63.40	-61.29	-62.21	-62.22	-74.37



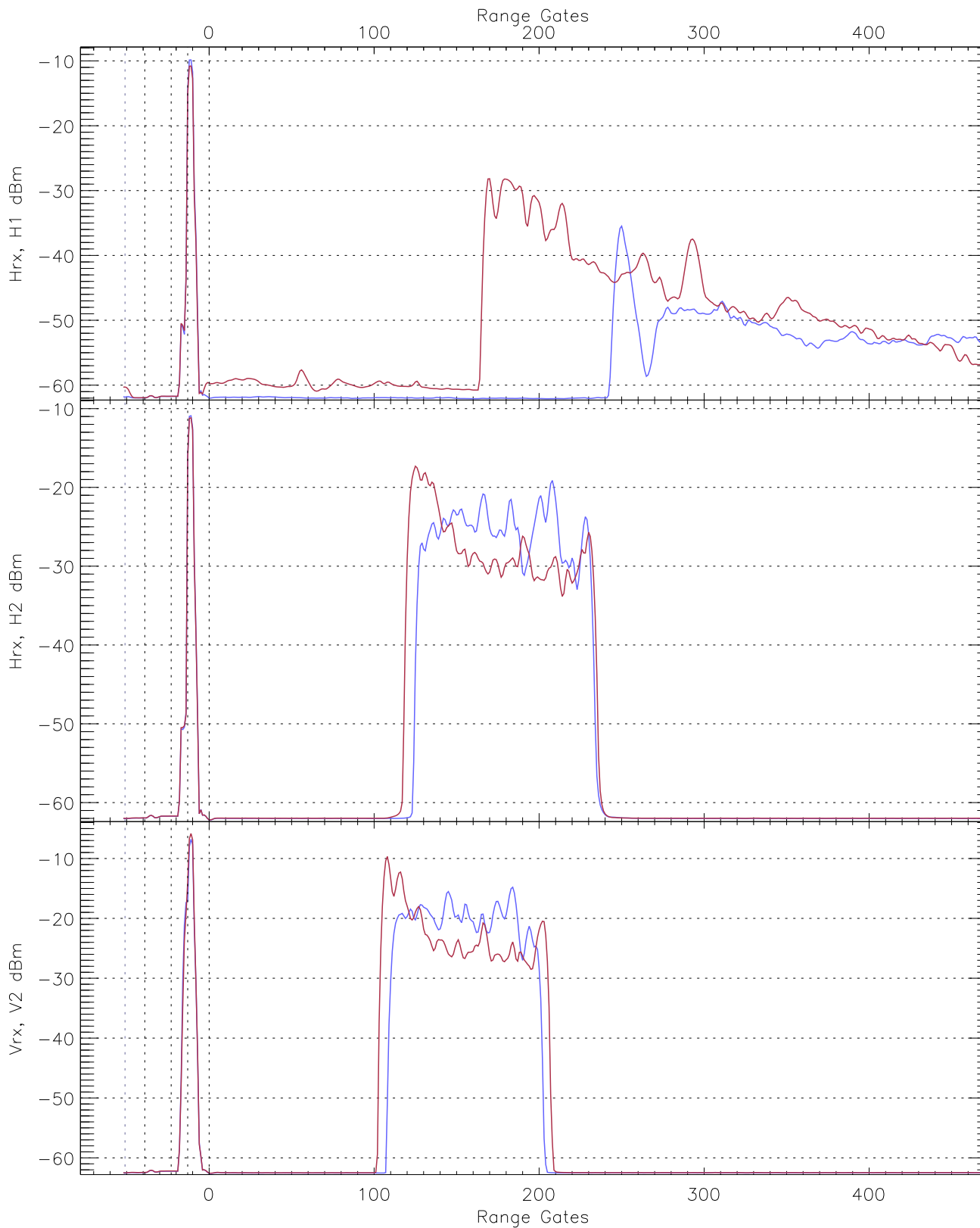
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.52	-36.65	-60.99	-62.13	-53.56
Hrx, H2(RM [dBm])	-63.08	-60.07	-62.01	-62.01	-74.15
Vrx, V2(RM [dBm])	-63.56	-61.54	-62.52	-62.52	-74.65

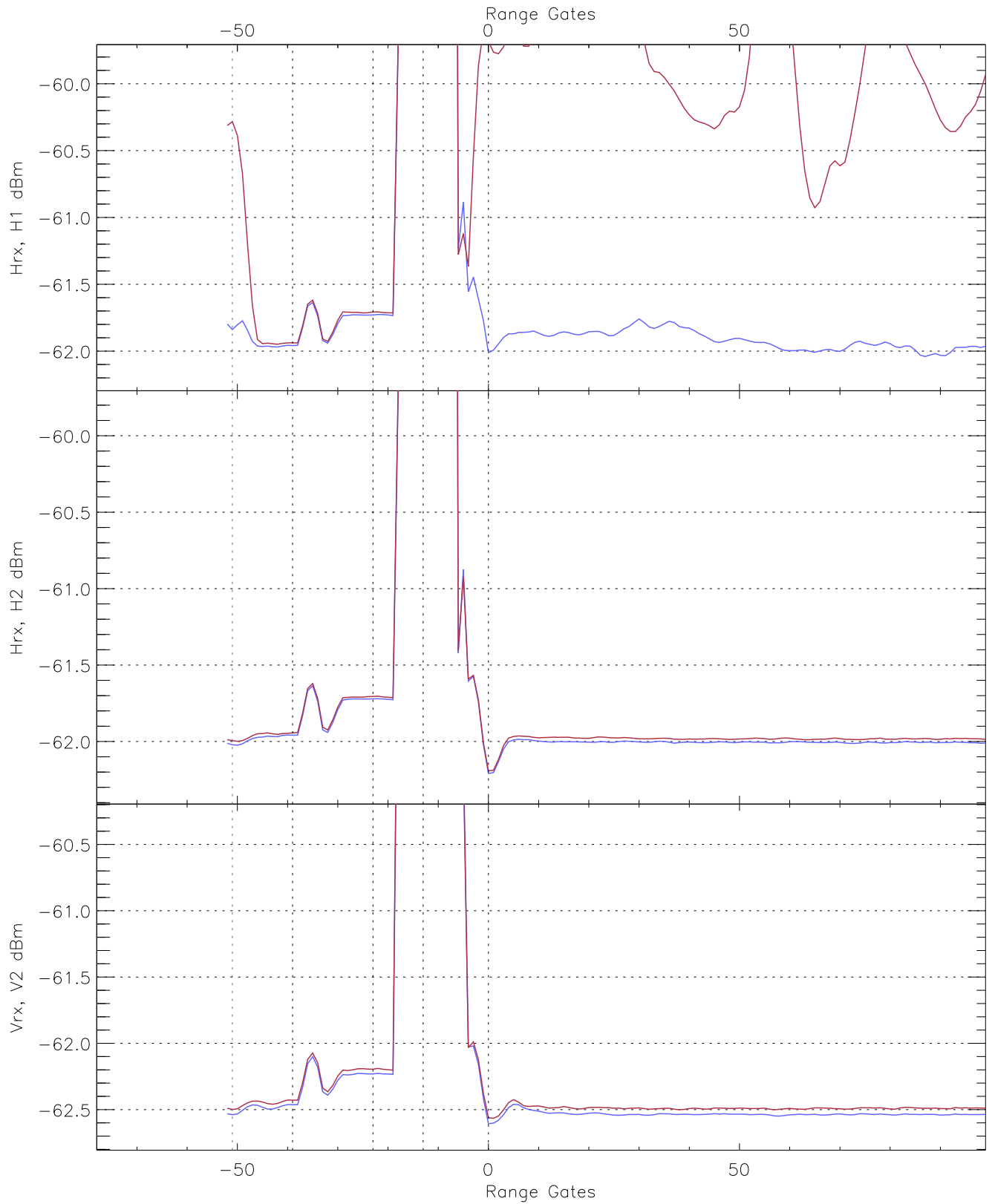


WCR2 CPP "Best" estimate Receivers Noise Power

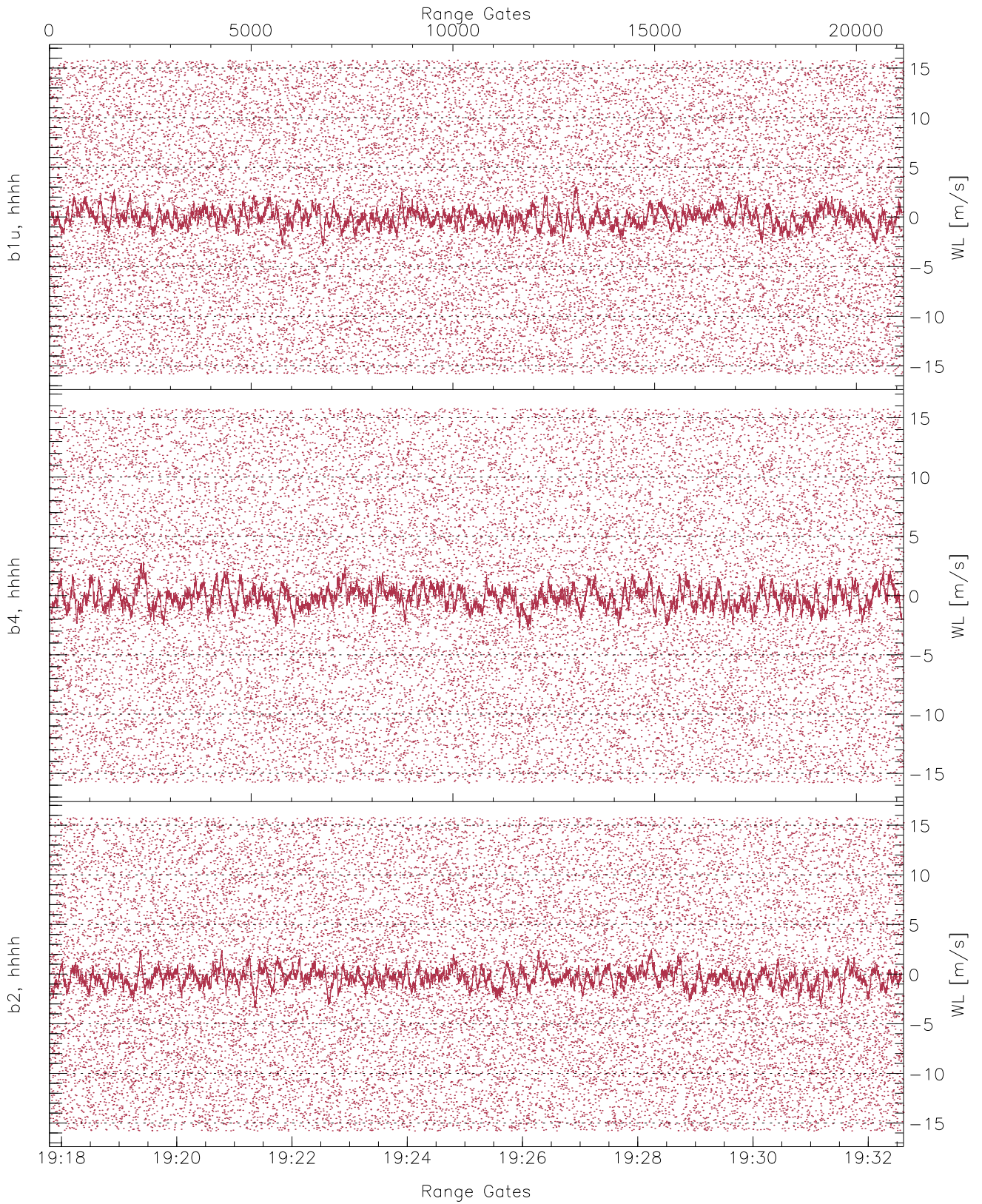
	Min	Max	Mean	Median	StDev
H2HL_0 [dBm]	-63.18	-61.07	-62.12	-62.13	-74.32
H2RG325_0 [dBm]	-63.08	-60.97	-62.01	-62.02	-74.17
V2RM_0 [dBm]	-63.56	-61.54	-62.52	-62.53	-74.66



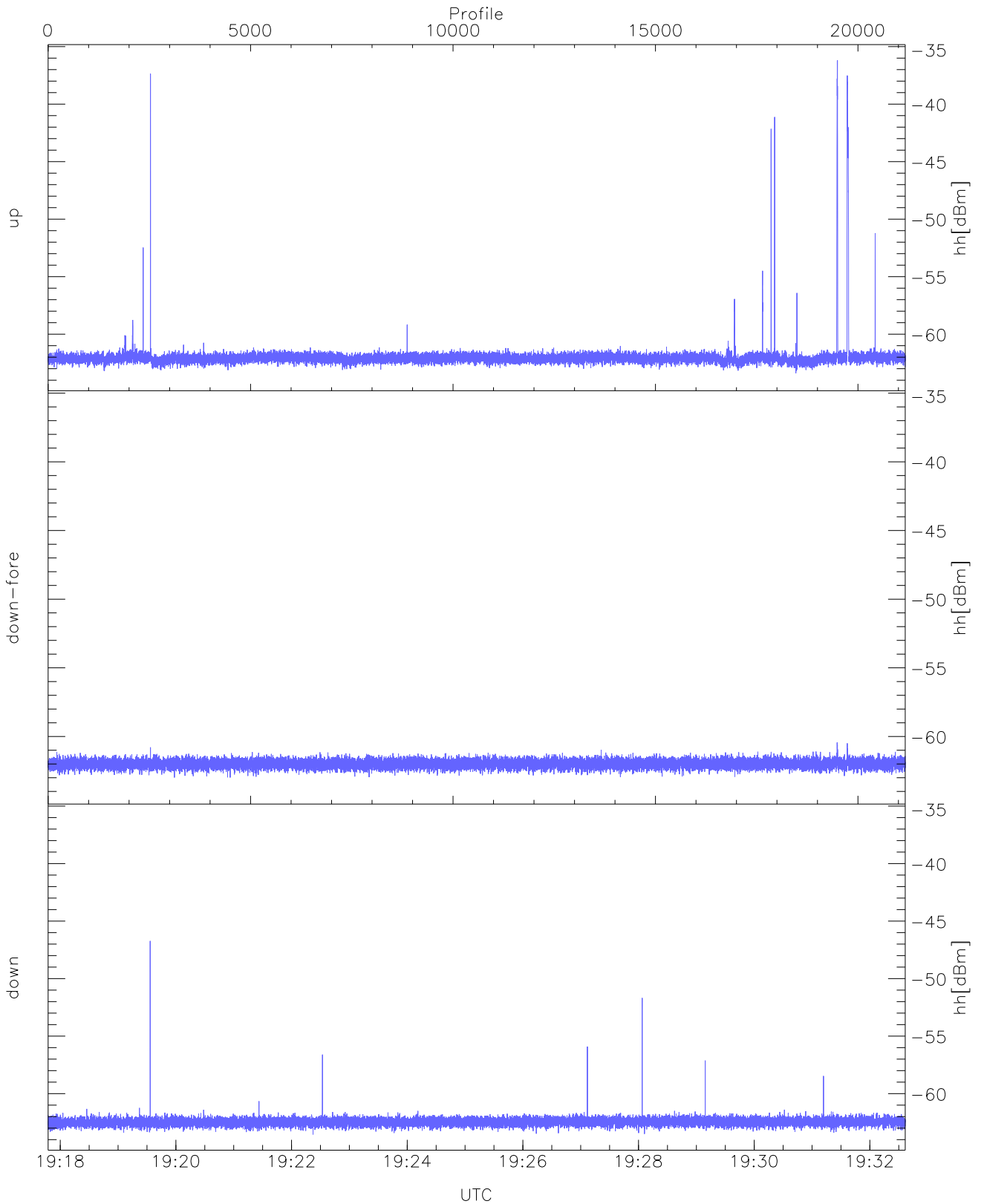
WCR2 CPP Averaged Received power for all recorded gates
blue: 191747-192512, 10585 profiles averaged
red: 192512-193237, 10585 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 191747-192512, 10585 profiles averaged
red: 192512-193237, 10585 profiles averaged

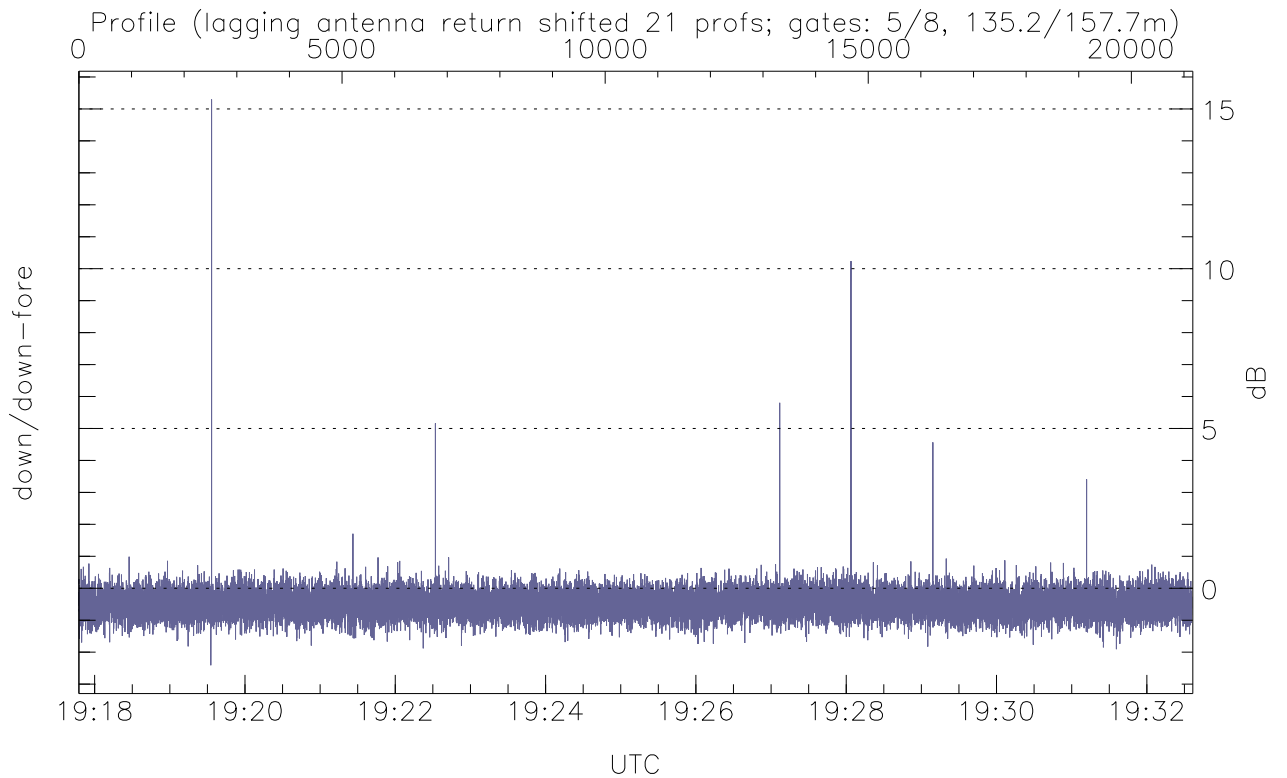
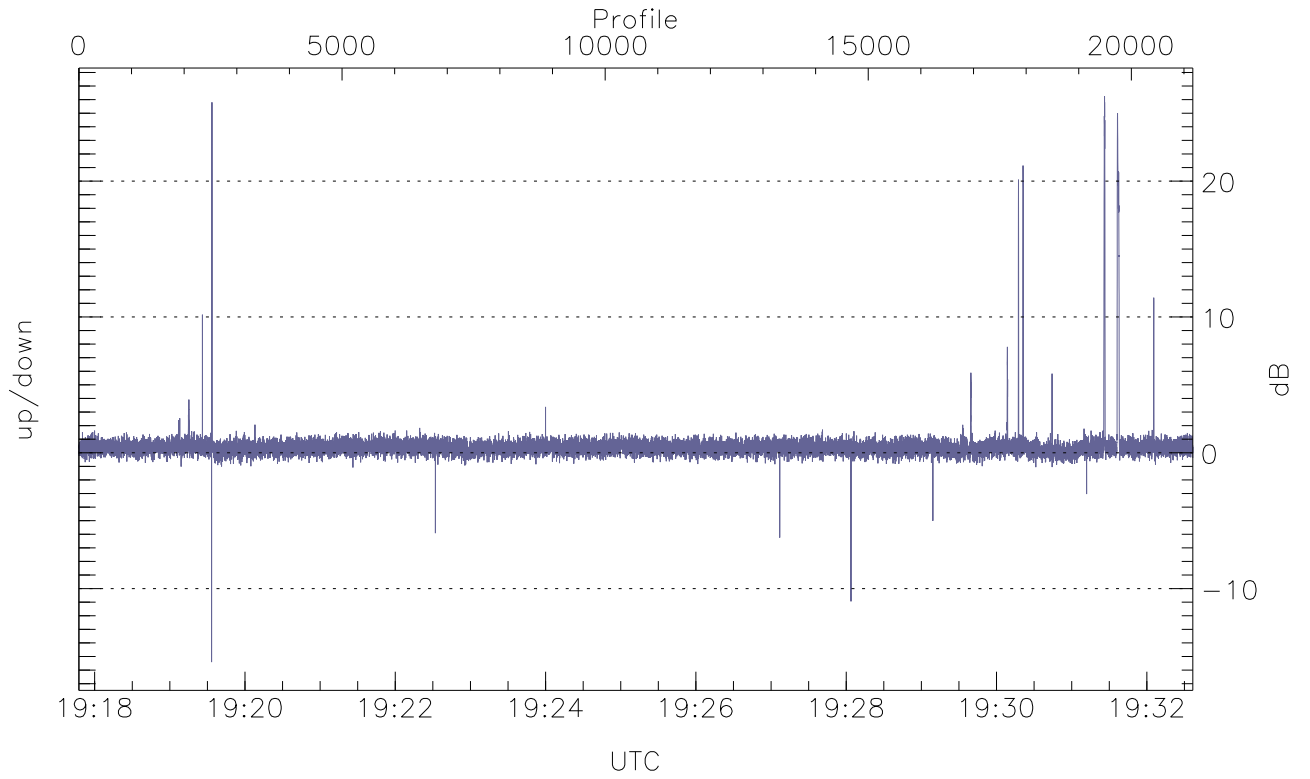


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



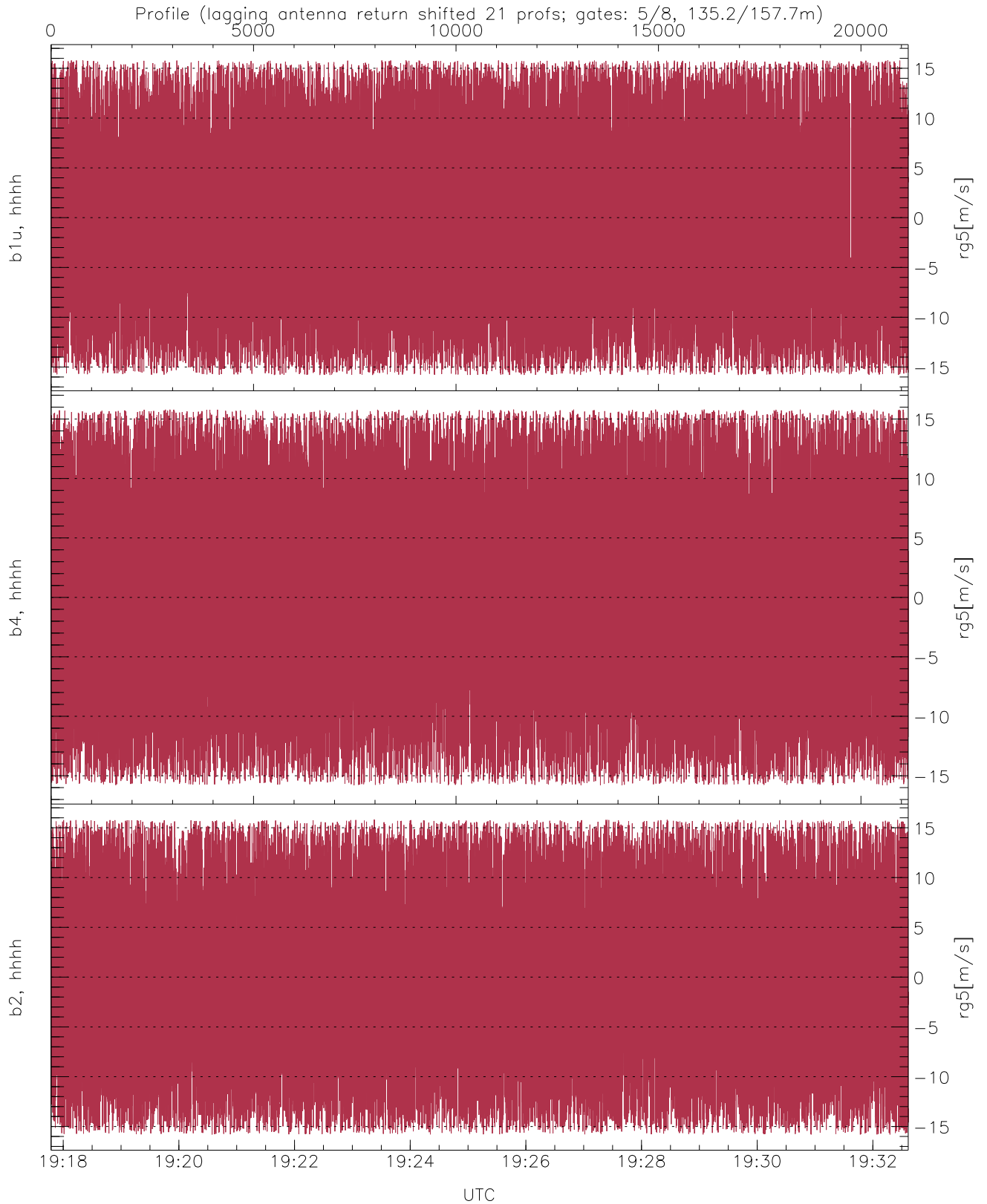
WCR2 CPP Received Power Products for Range gate 5 (135.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.40	-36.19	-60.59
down-fore(hh[dBm])	-62.99	-60.43	-61.98
down(hh[dBm])	-63.55	-46.72	-62.44



WCR2 Beam pairs Received Power Ratio(s); RangeGate: 5 (135 m)

	Min	Max	Mean
up/down (dB)	-15.41	26.24	0.45
down/down-fore (dB)	-2.41	15.29	-0.48



WCR2 CPP Doppler Velocity Products at 135.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.80	-0.16	8.96
b4, hhhh(rg5[m/s])	-15.80	15.80	-0.02	9.15
b2, hhhh(rg5[m/s])	-15.80	15.80	-0.70	8.75