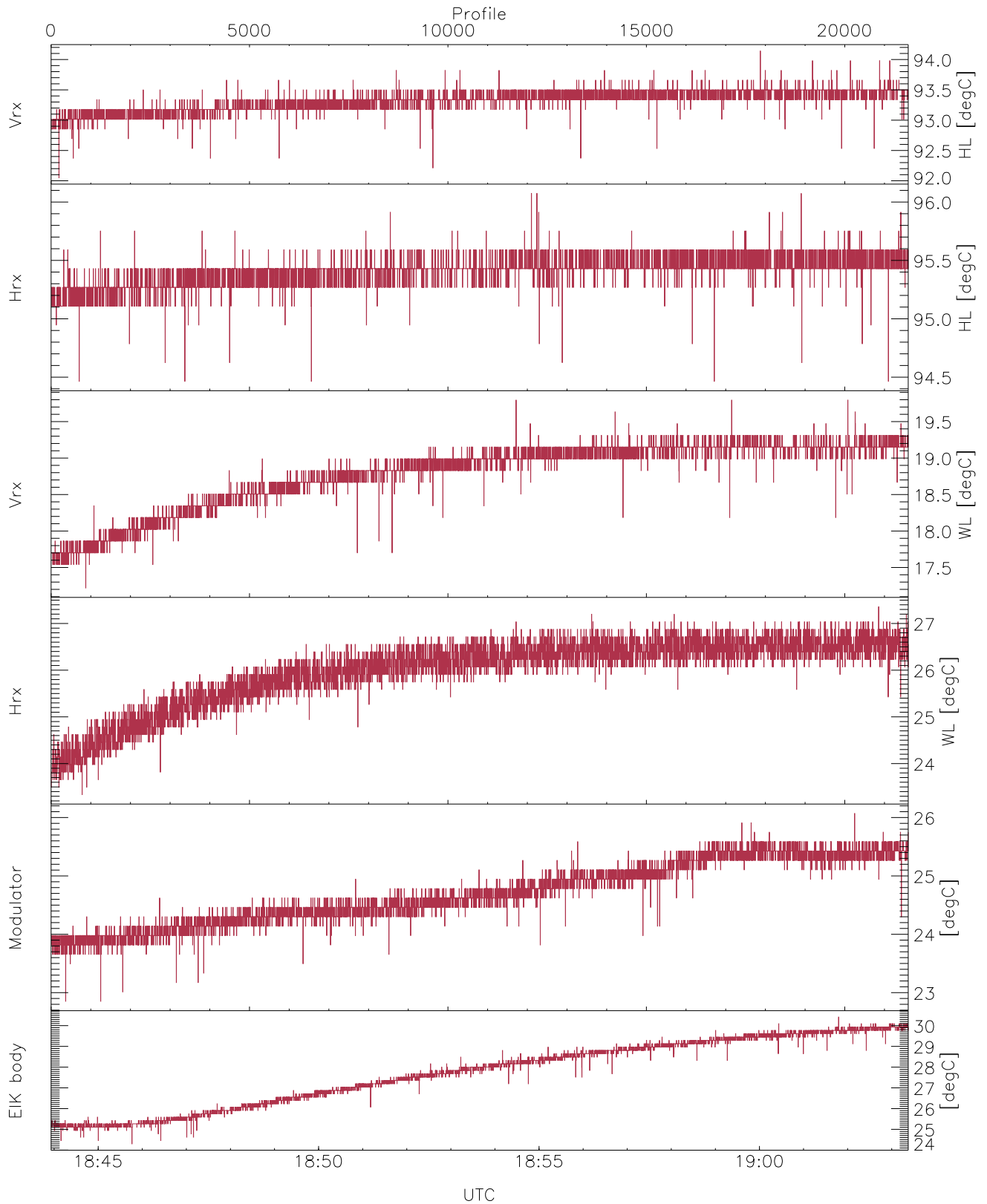


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

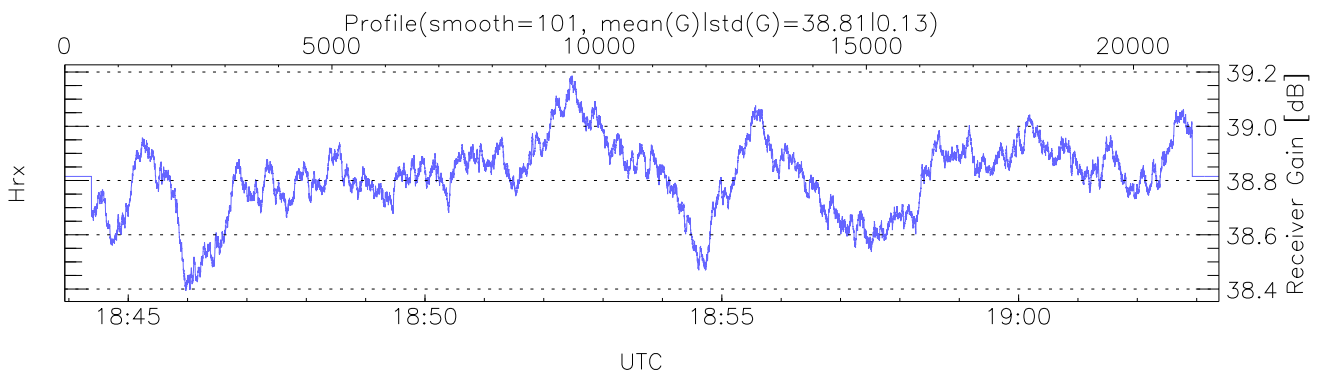
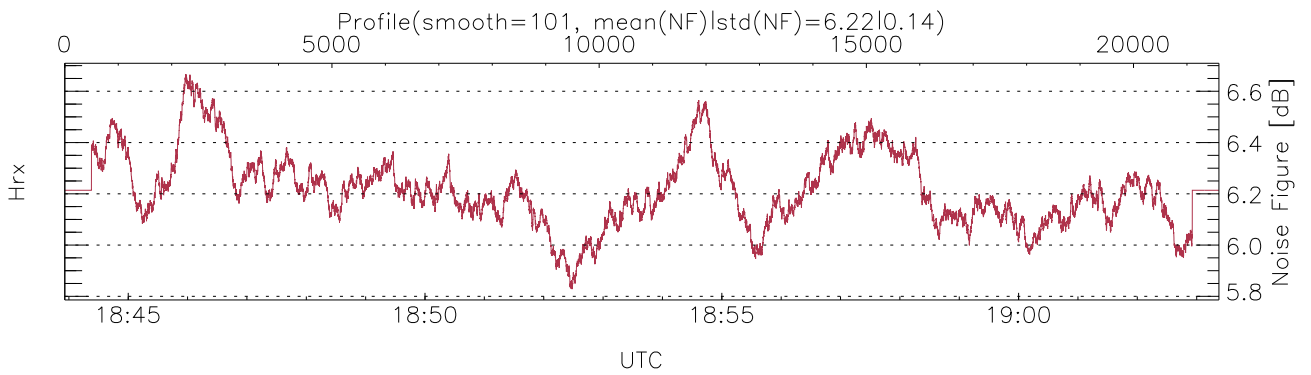
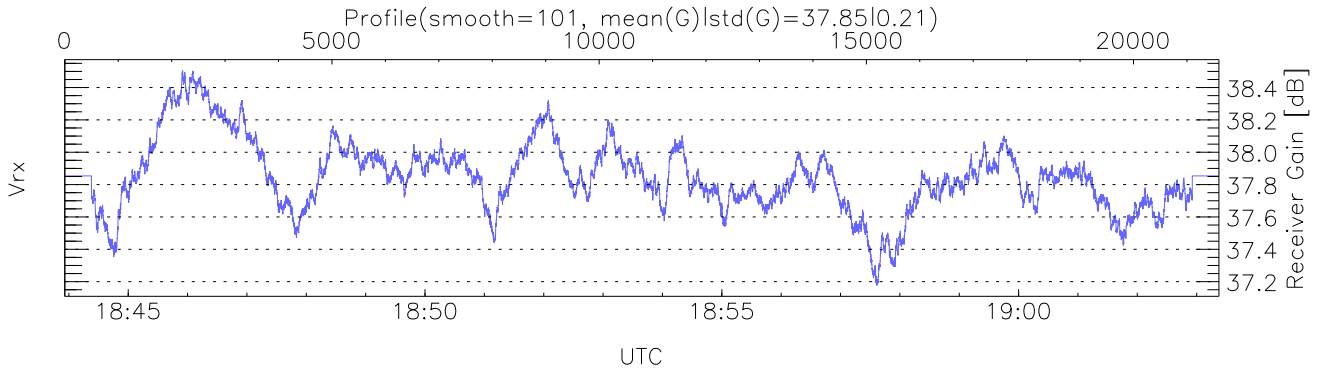
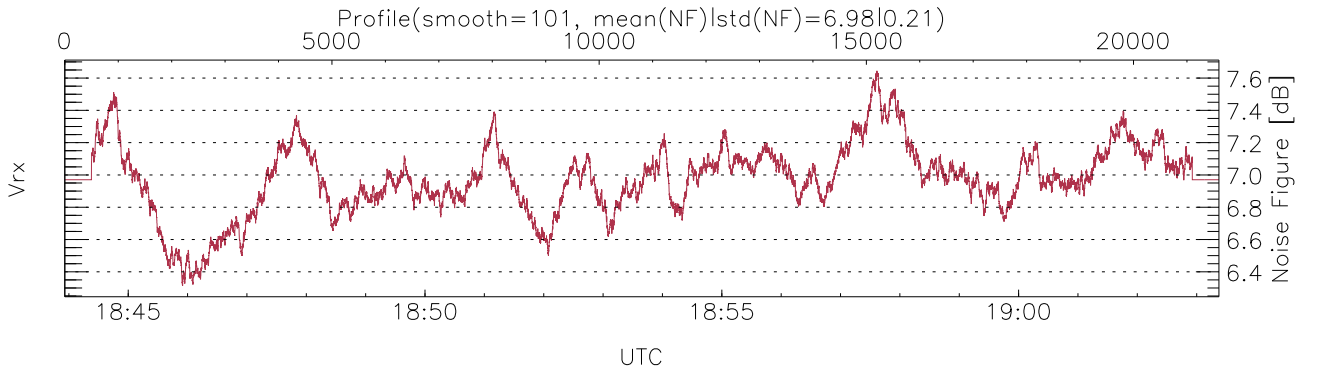
UTC: 18:43:56-19:21:55, Dur: 2278.94s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 54.0,54.0,54.0,0.0 ms / 19,19,19
 NumRec(r/t): 21600/42193, 0-21599/18:43:56-19:03:23
 AcqTime: 54.0ms, Rate: 287KB/s, Averages: 180
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 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

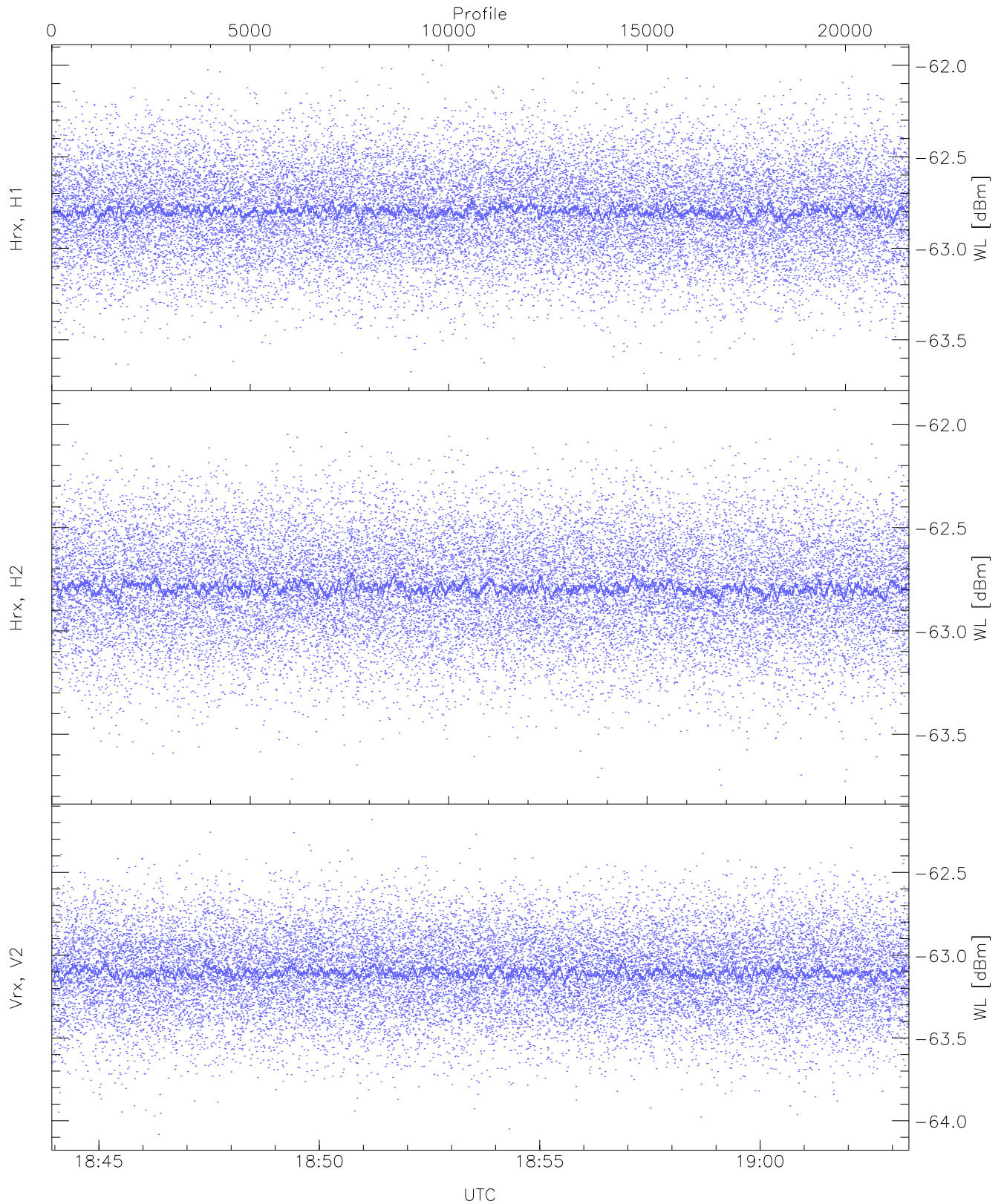
```

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,17,23,22,24
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,19,27,26,30
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
  DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (30,35,35,49,30,25)
    
```



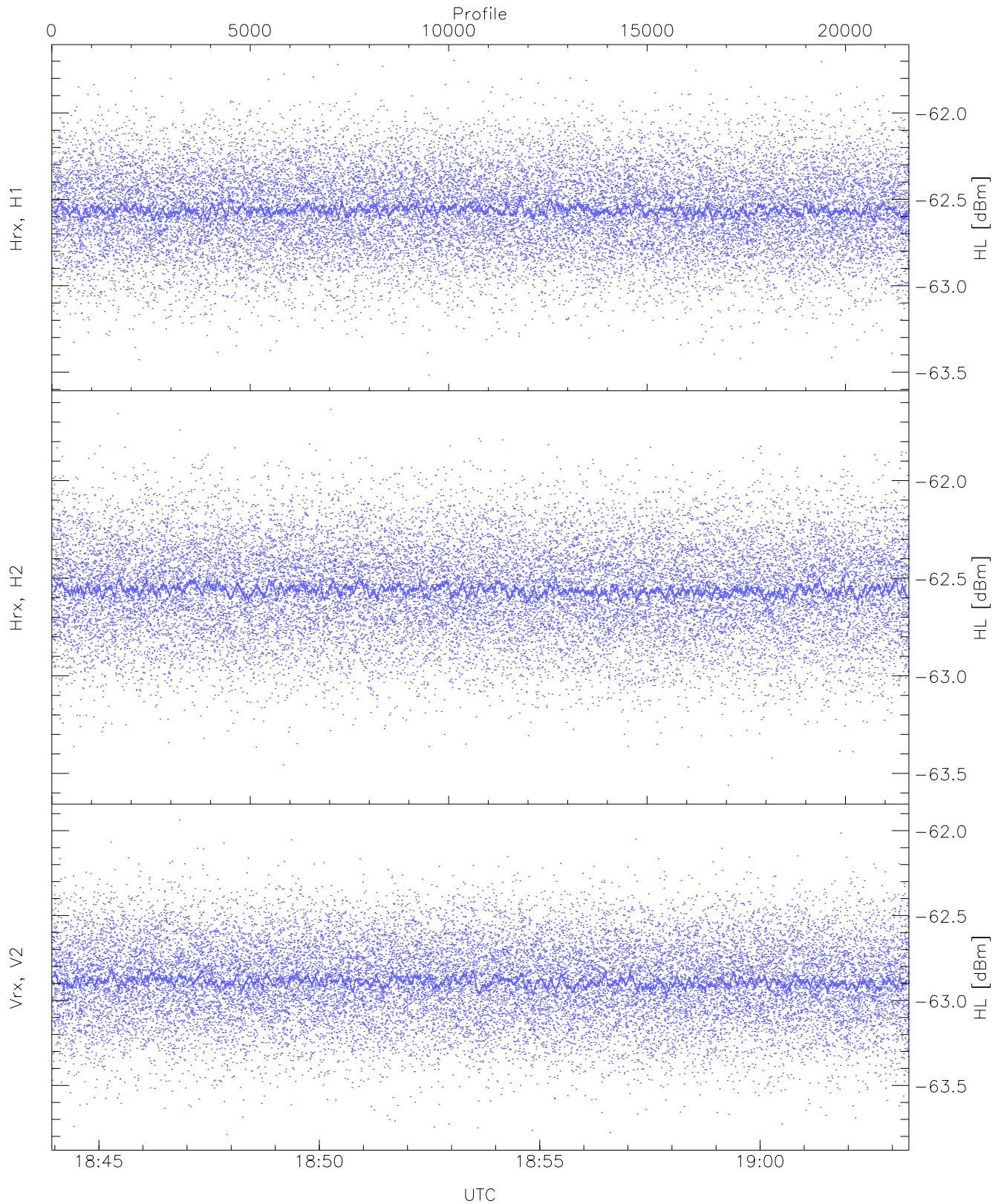
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 7646 pixs, 58 gates, 6982 profs, 2 prods



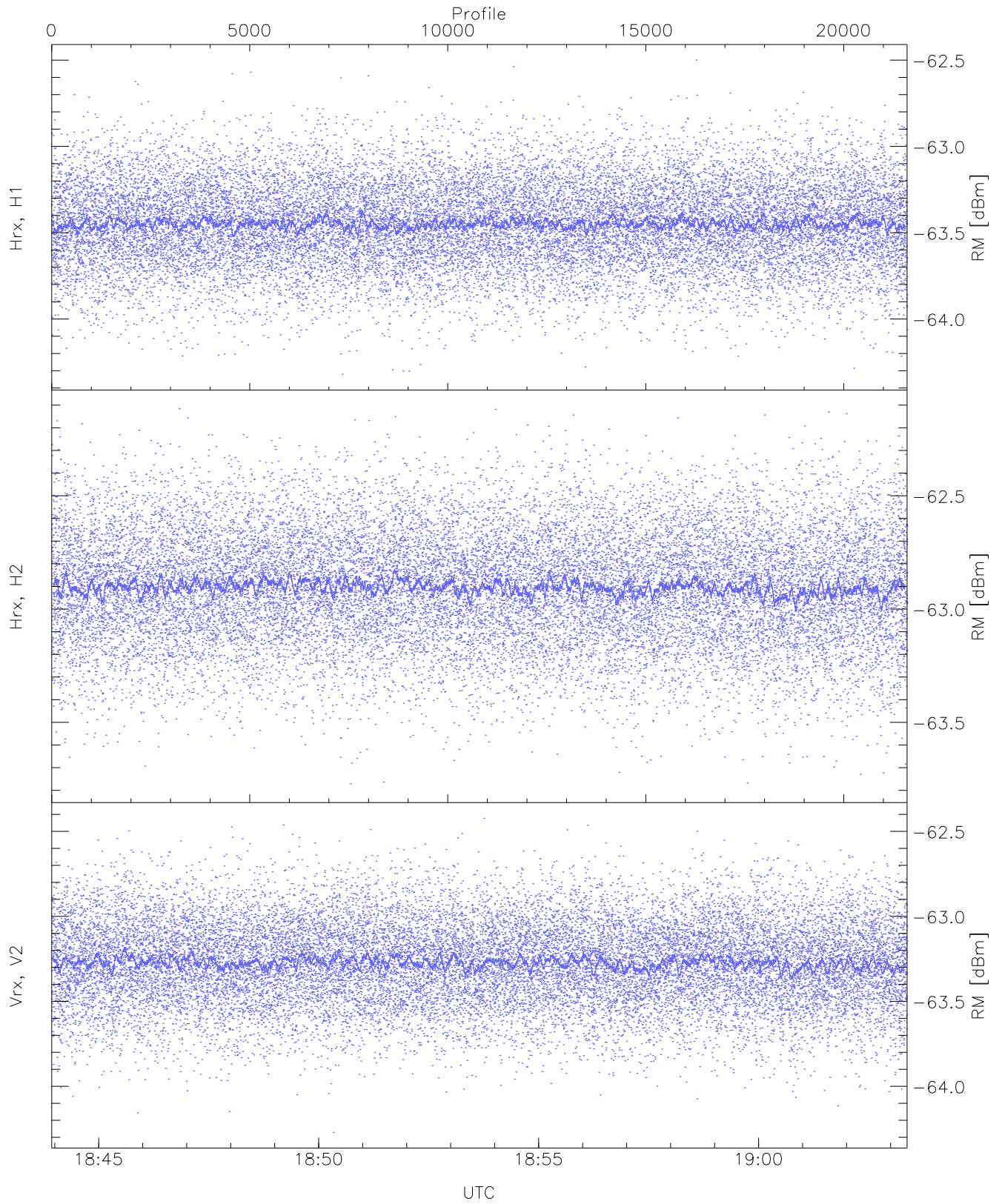
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-63.69	-61.97	-62.79	-62.80	-75.53
Hrx, H2 (WL [dBm])	-63.75	-61.93	-62.79	-62.80	-75.52
Vrx, V2 (WL [dBm])	-64.08	-62.18	-63.10	-63.11	-75.83



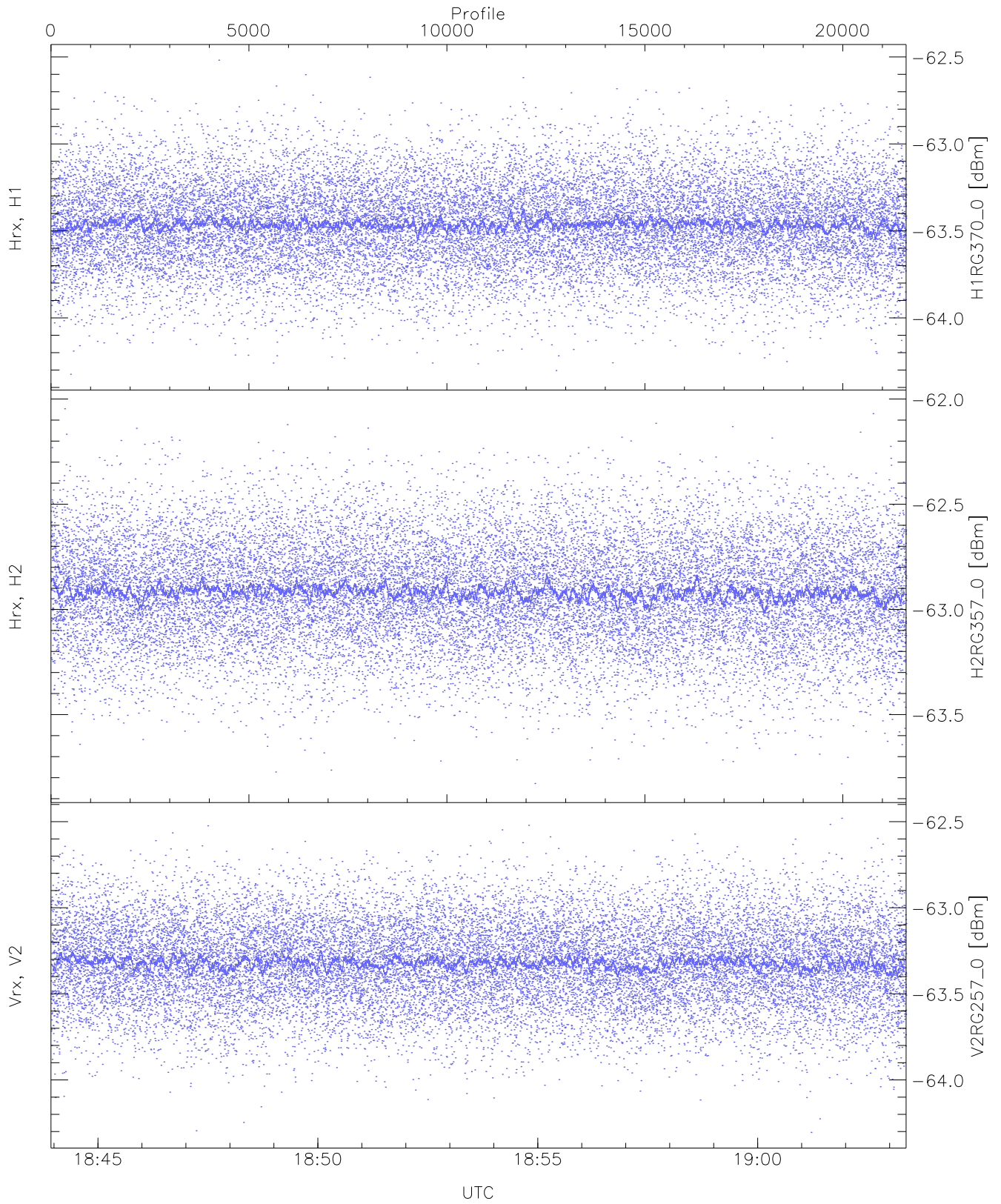
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.52	-61.70	-62.56	-62.56	-75.28
Hrx, H2 (HL [dBm])	-63.56	-61.64	-62.56	-62.56	-75.26
Vrx, V2 (HL [dBm])	-63.79	-61.94	-62.89	-62.89	-75.57



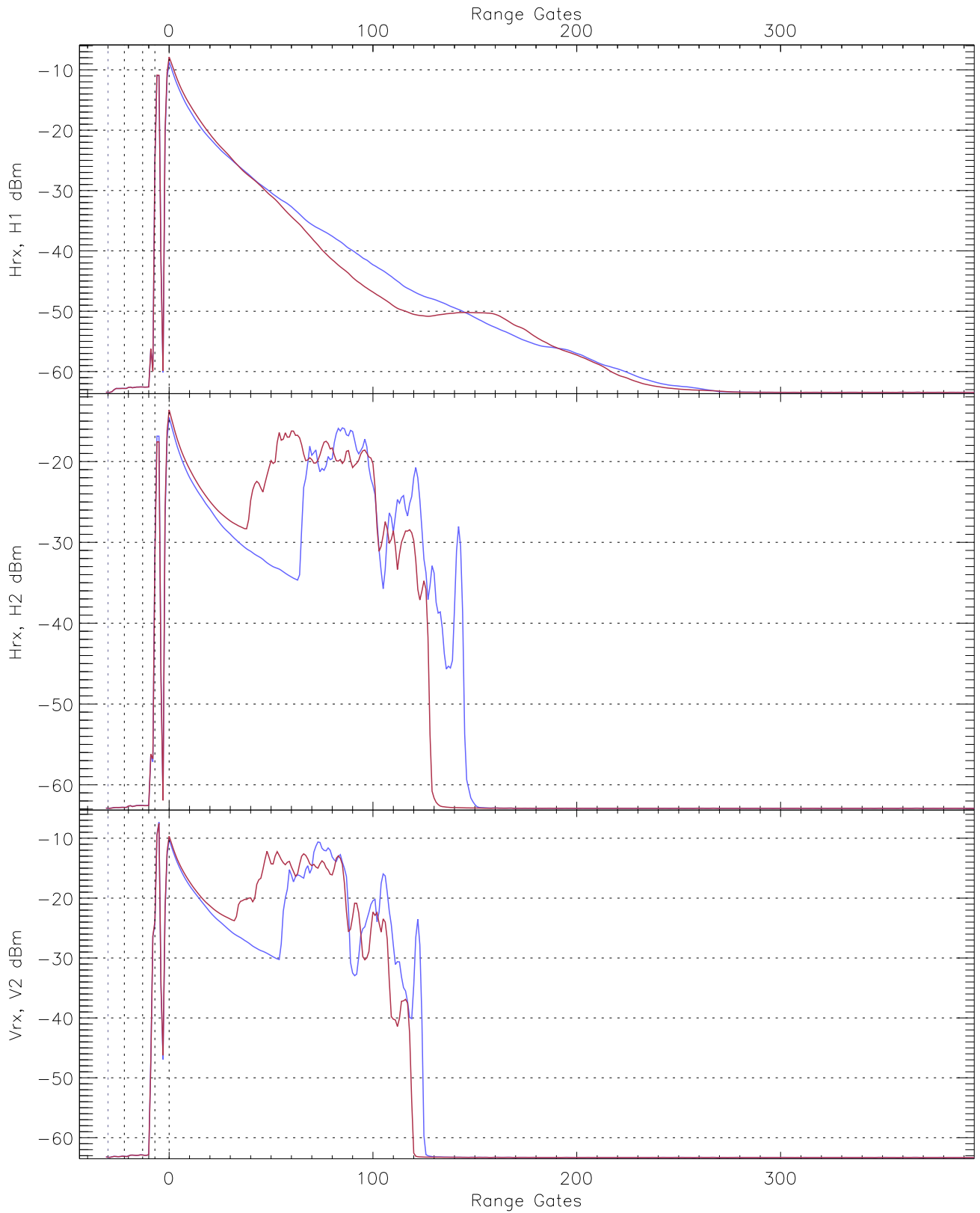
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.32	-62.50	-63.44	-63.45	-76.13
Hrx, H2 (RM [dBm])	-63.77	-62.12	-62.90	-62.91	-75.59
Vrx, V2 (RM [dBm])	-64.27	-62.42	-63.27	-63.27	-75.95

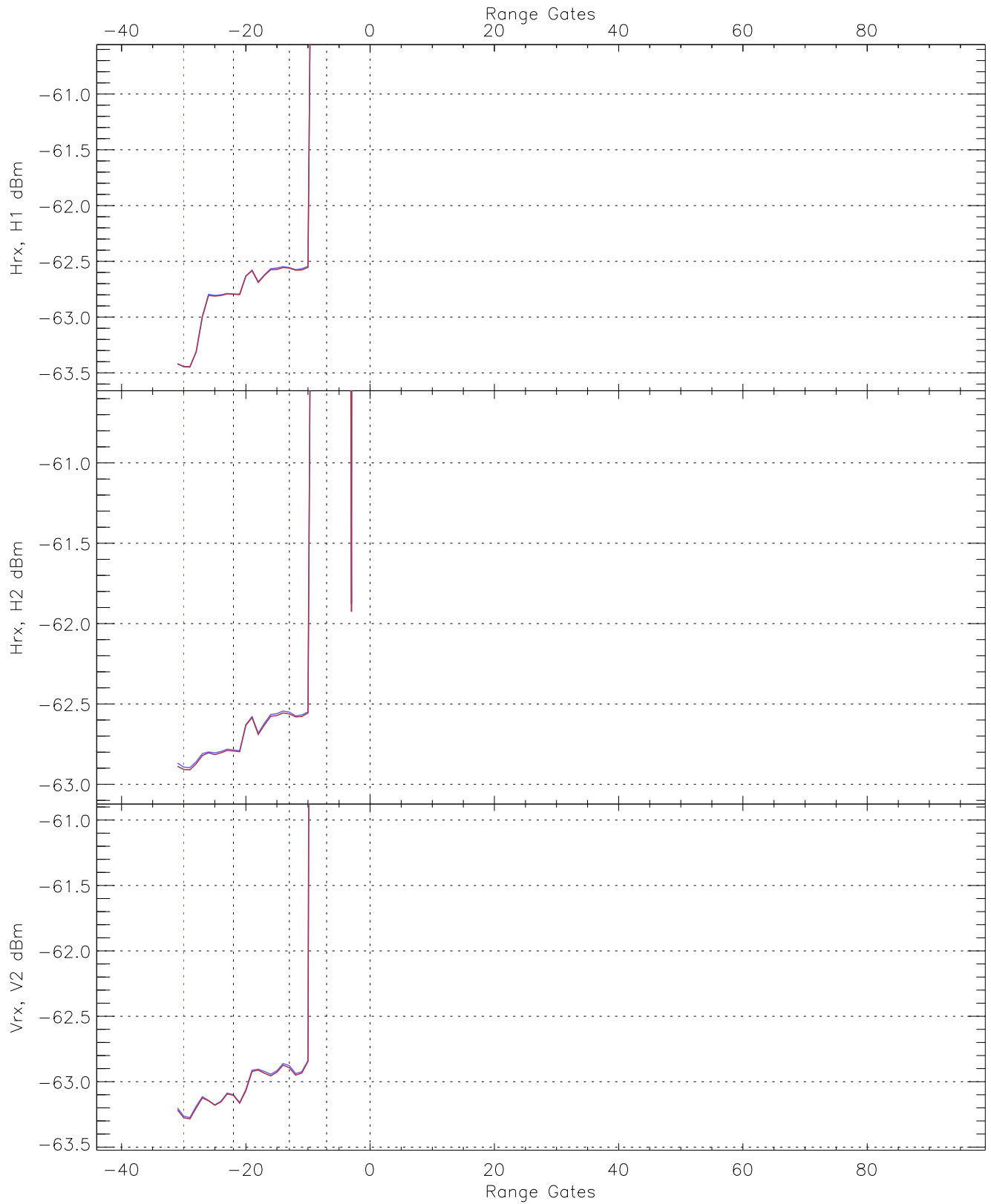


WCR2 CPP "Best" estimate Receivers Noise Power

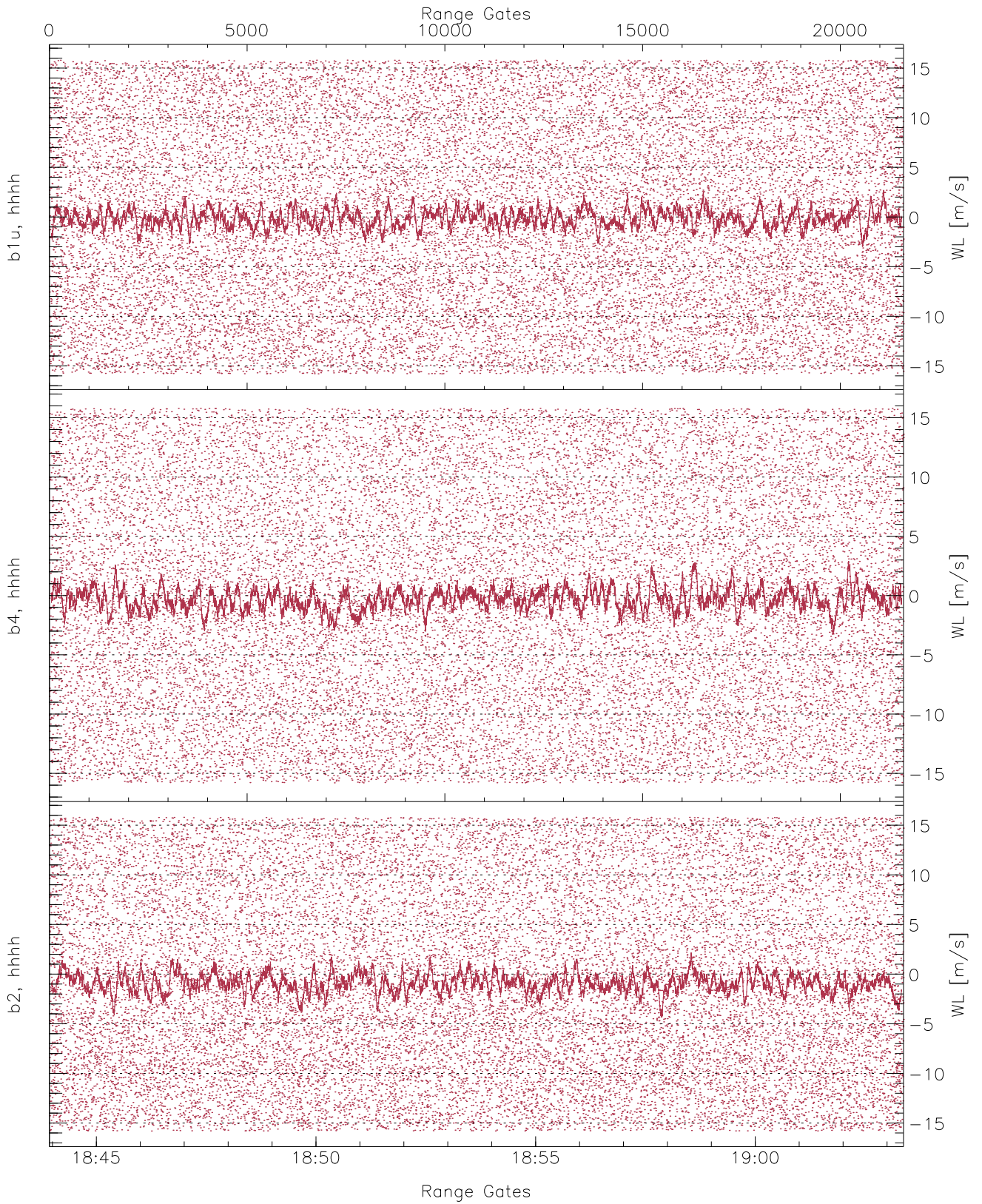
	Min	Max	Mean	Median	StDev
H1RG370_0 [dBm]	-64.32	-62.52	-63.46	-63.46	-76.15
H2RG357_0 [dBm]	-63.83	-62.05	-62.92	-62.92	-75.62
V2RG257_0 [dBm]	-64.30	-62.48	-63.32	-63.32	-76.01



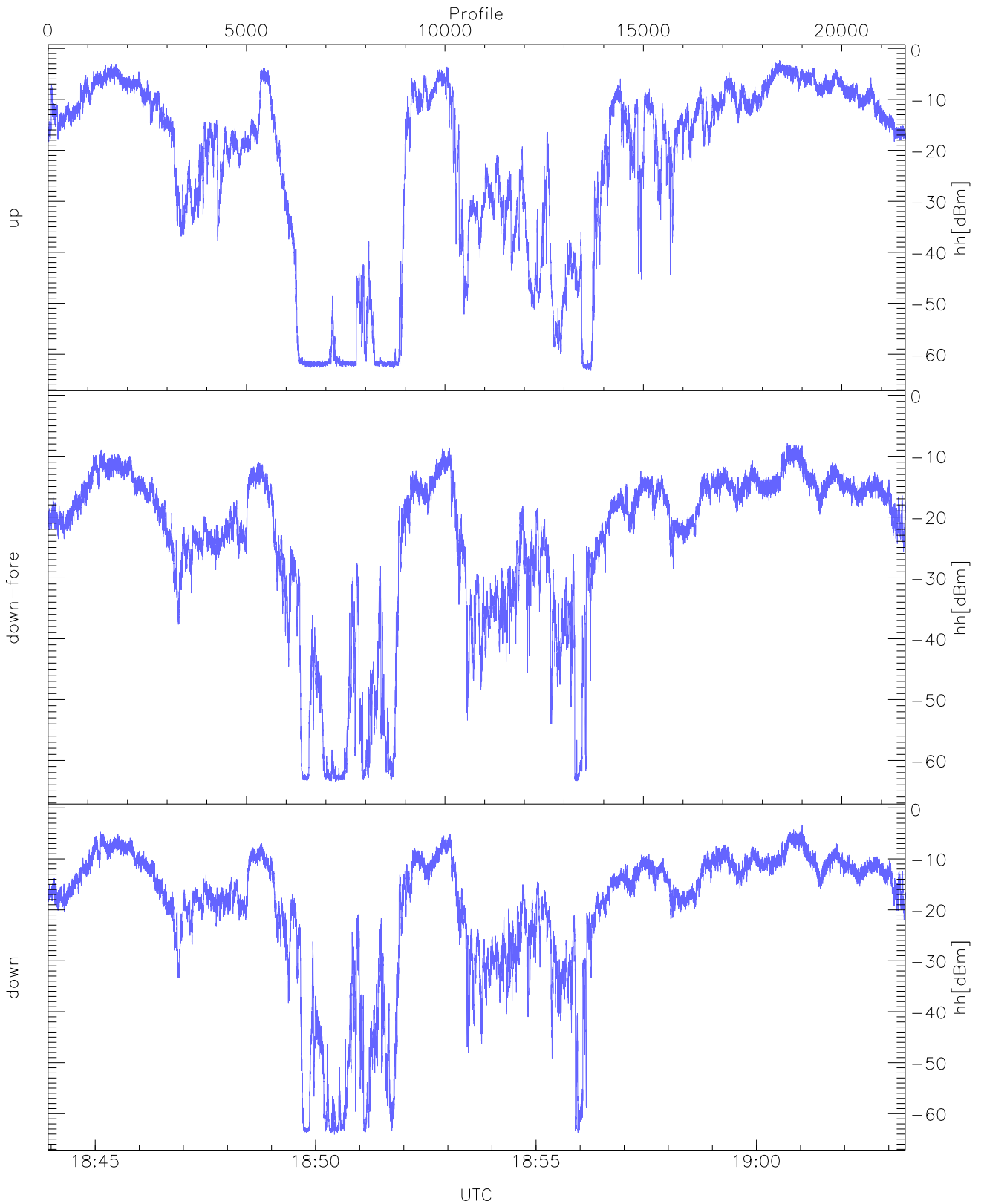
WCR2 CPP Averaged Received power for all recorded gates
blue: 184356-185339, 10801 profiles averaged
red: 185339-190323, 10800 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 184356-185339, 10801 profiles averaged
red: 185339-190323, 10800 profiles averaged

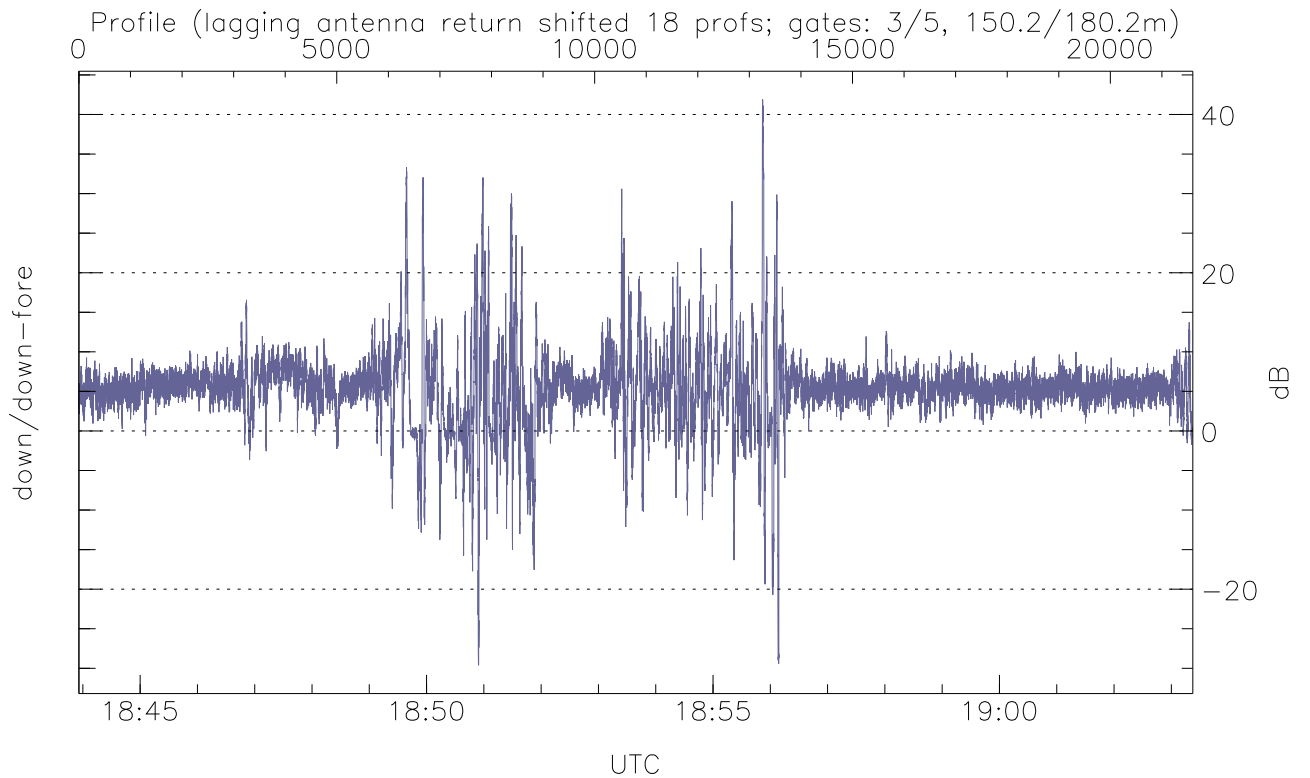
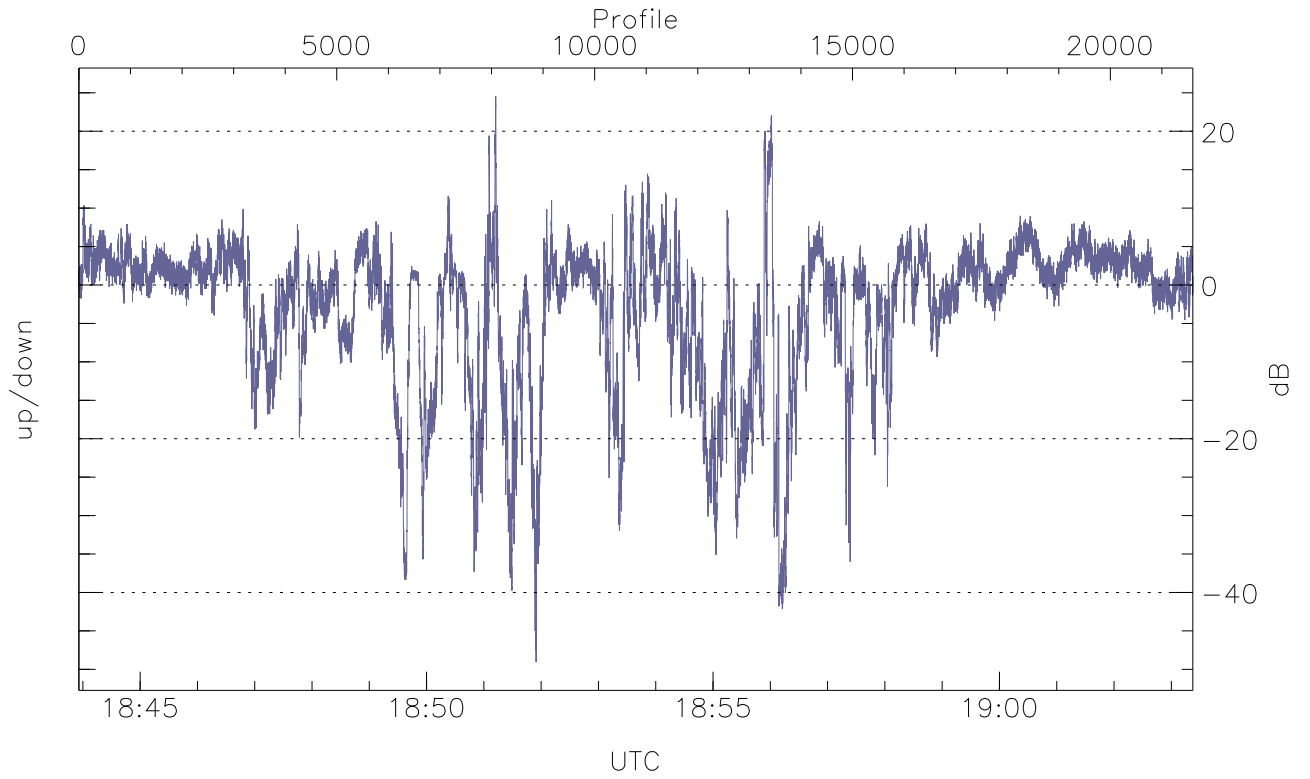


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



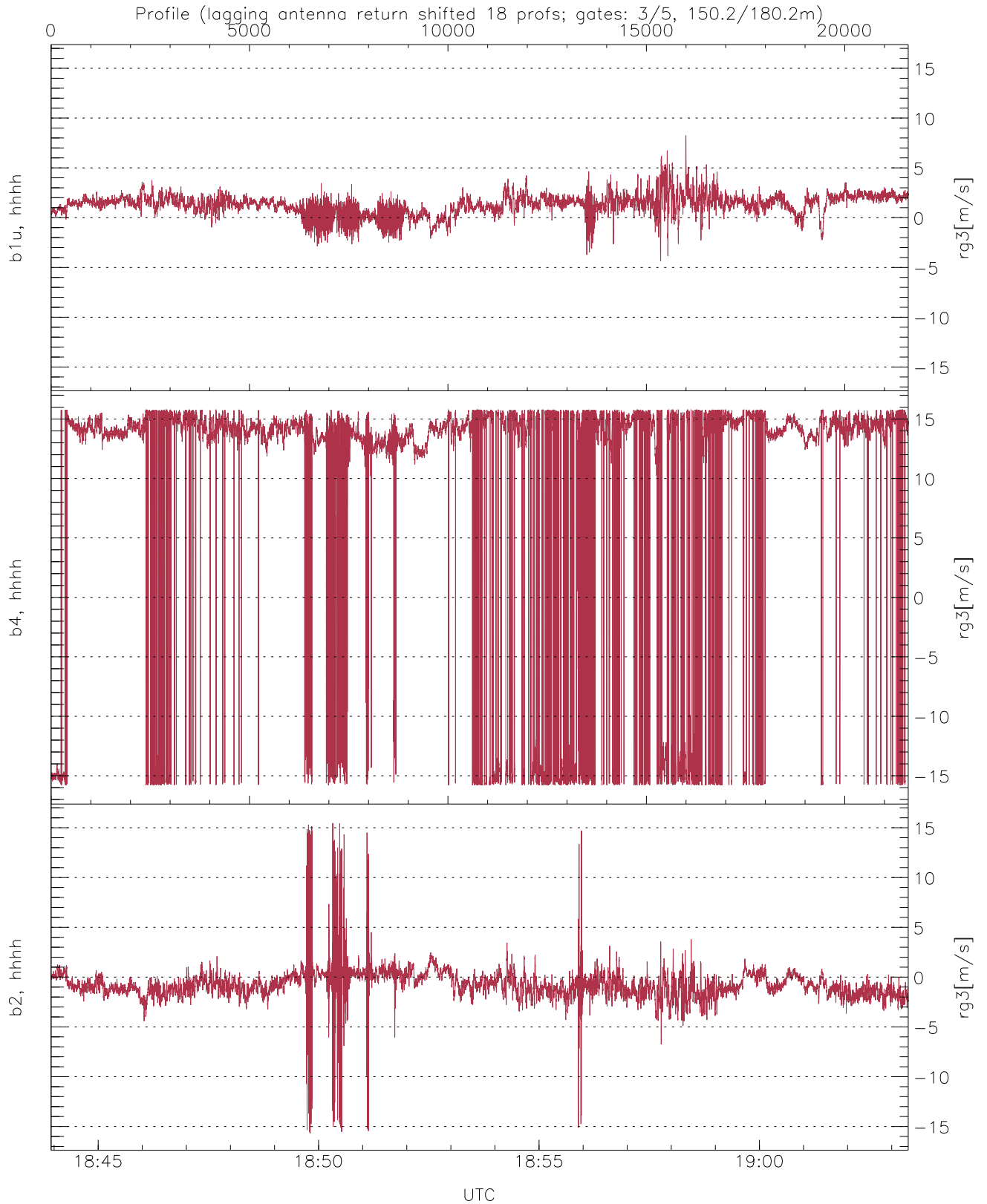
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.22	-2.34	-11.12
down-fore(hh[dBm])	-63.49	-7.86	-16.83
down(hh[dBm])	-64.08	-3.45	-12.92



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

	Min	Max	Mean
up/down (dB)	-49.06	24.55	-3.07
down/down-fore (dB)	-29.62	41.89	5.34



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-4.37	8.25	1.29	1.02
b4, hhhh(rg3[m/s])	-15.80	15.80	9.17	11.03
b2, hhhh(rg3[m/s])	-15.69	15.46	-0.77	1.53