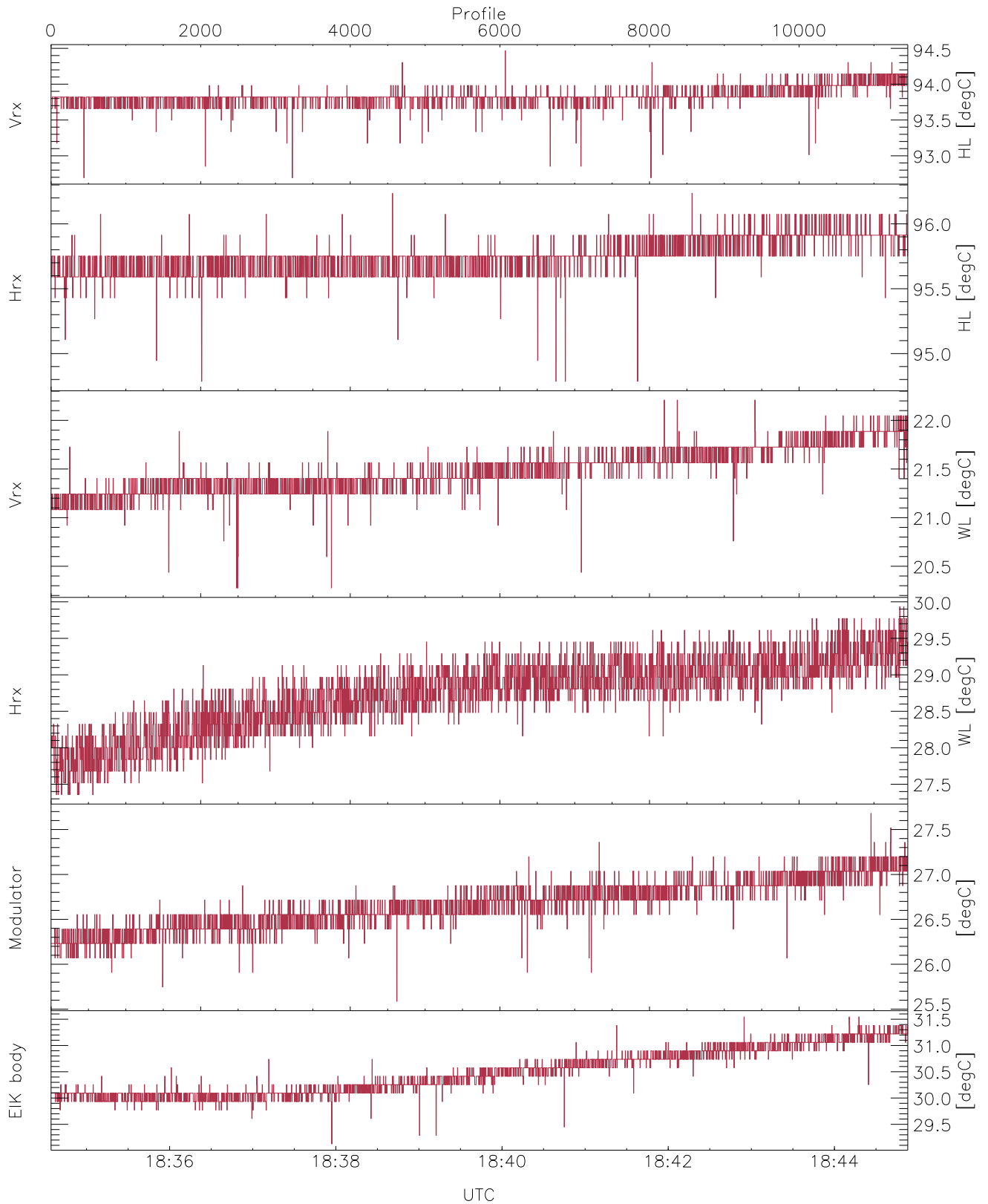


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 18:34:34-18:44:53, Dur: 618.62s
 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): 11454/11454, 0-11453/18:34:34-18:44:53
 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

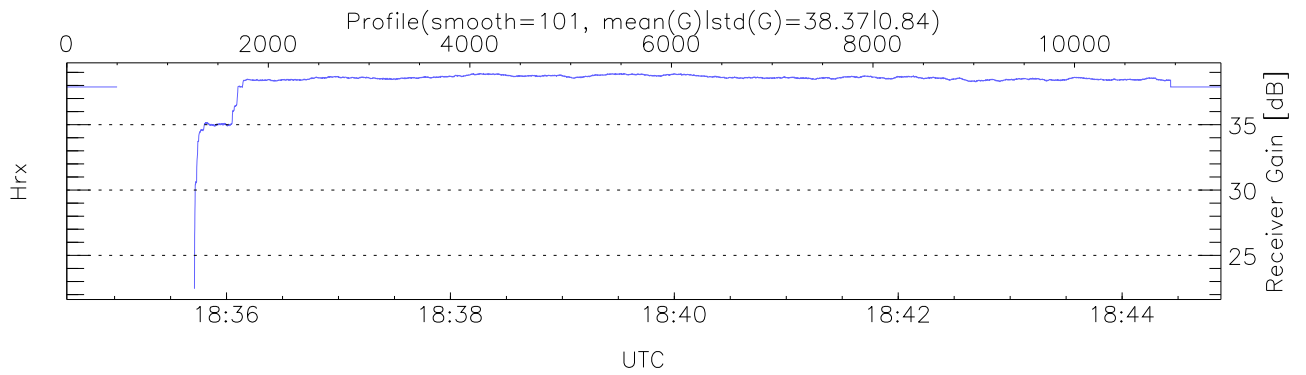
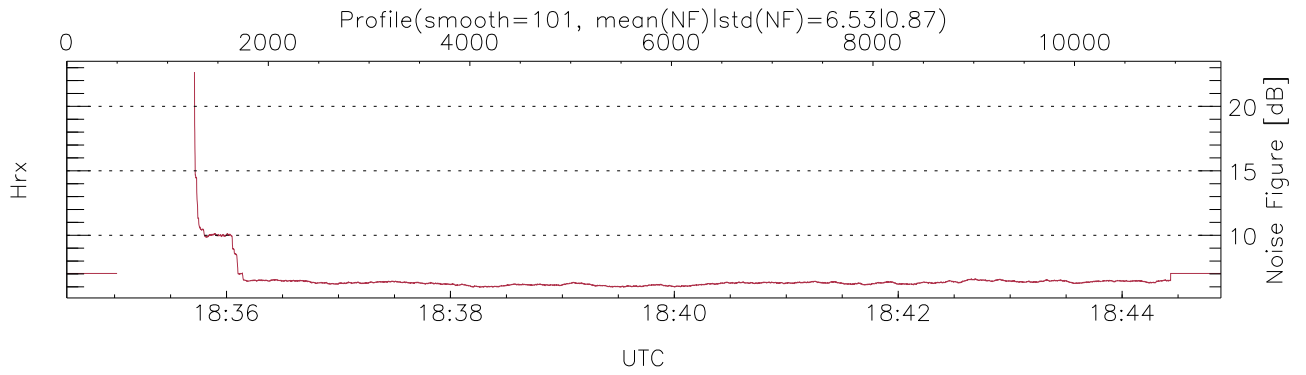
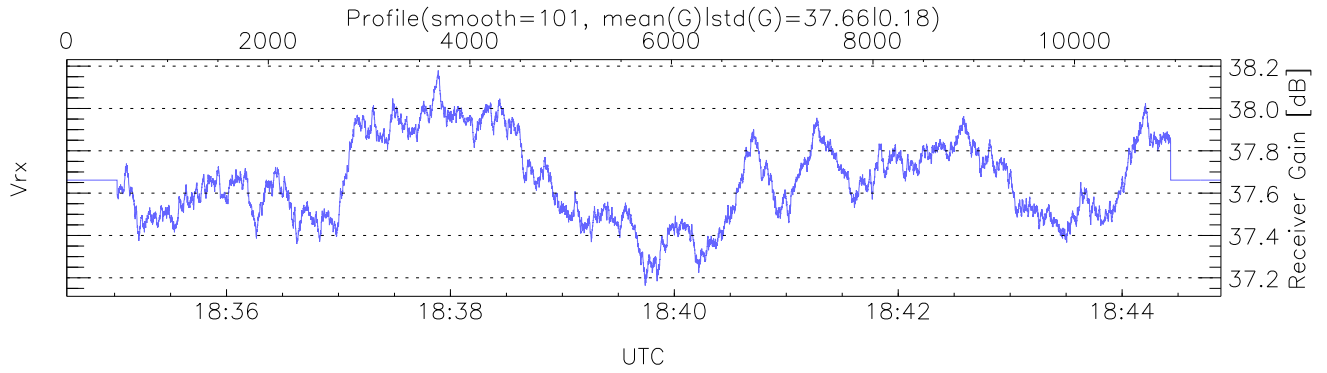
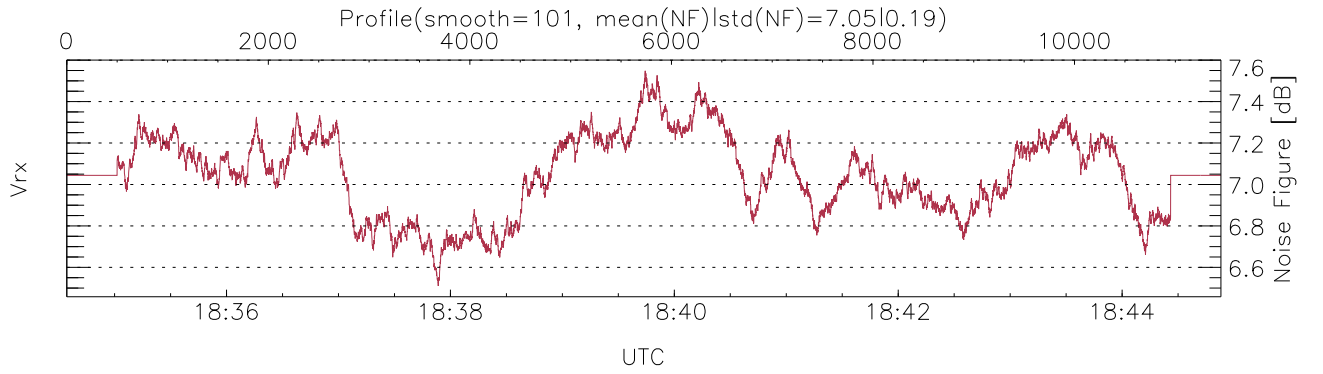


WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

```

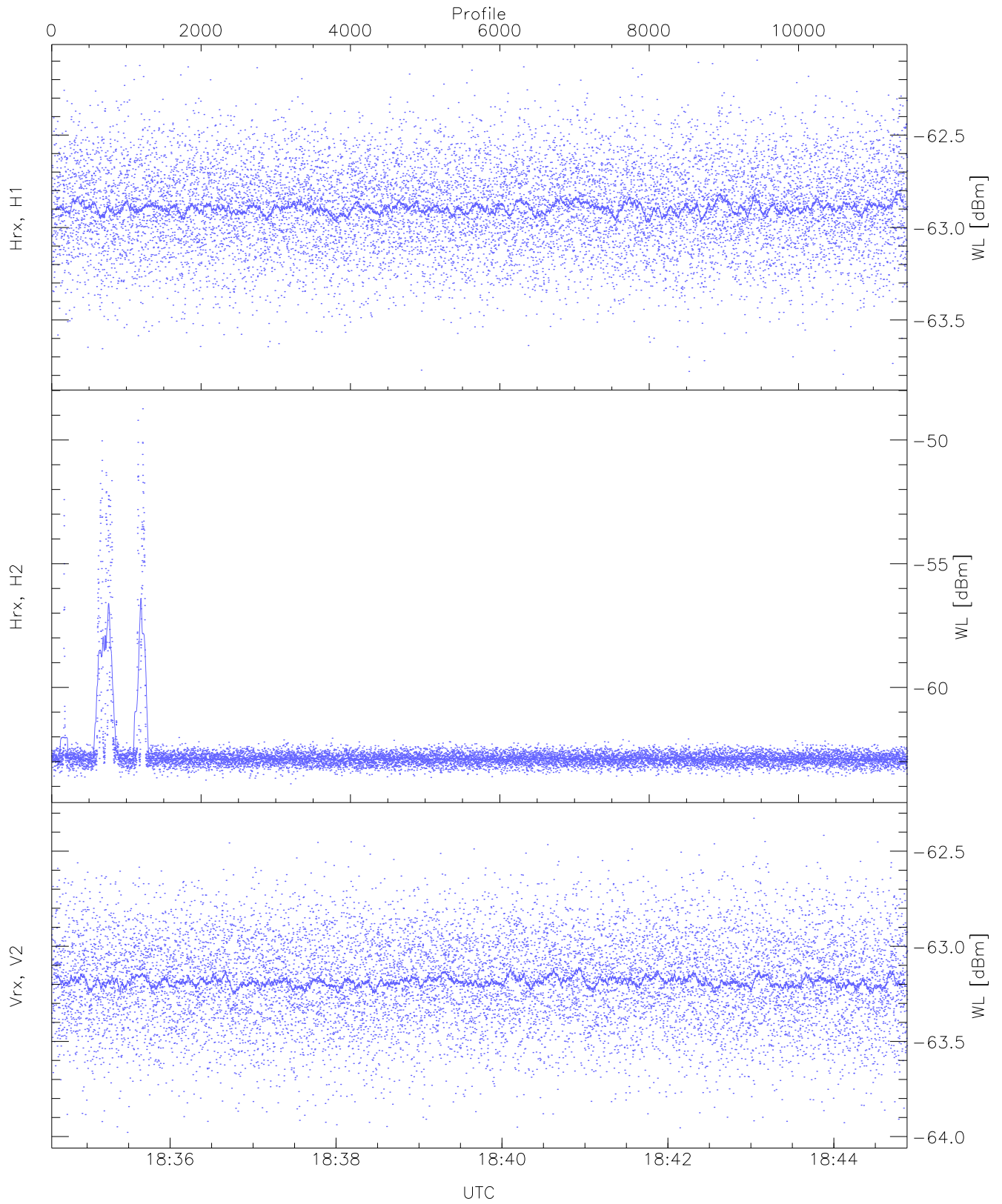
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,20,27,25,29
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,22,29,27,31
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
  DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (5,5,5,5,5,11)
    
```

WARNING: <HrxHLn>-<HrxWLn> < 0.05dB for 1 pwr prods.



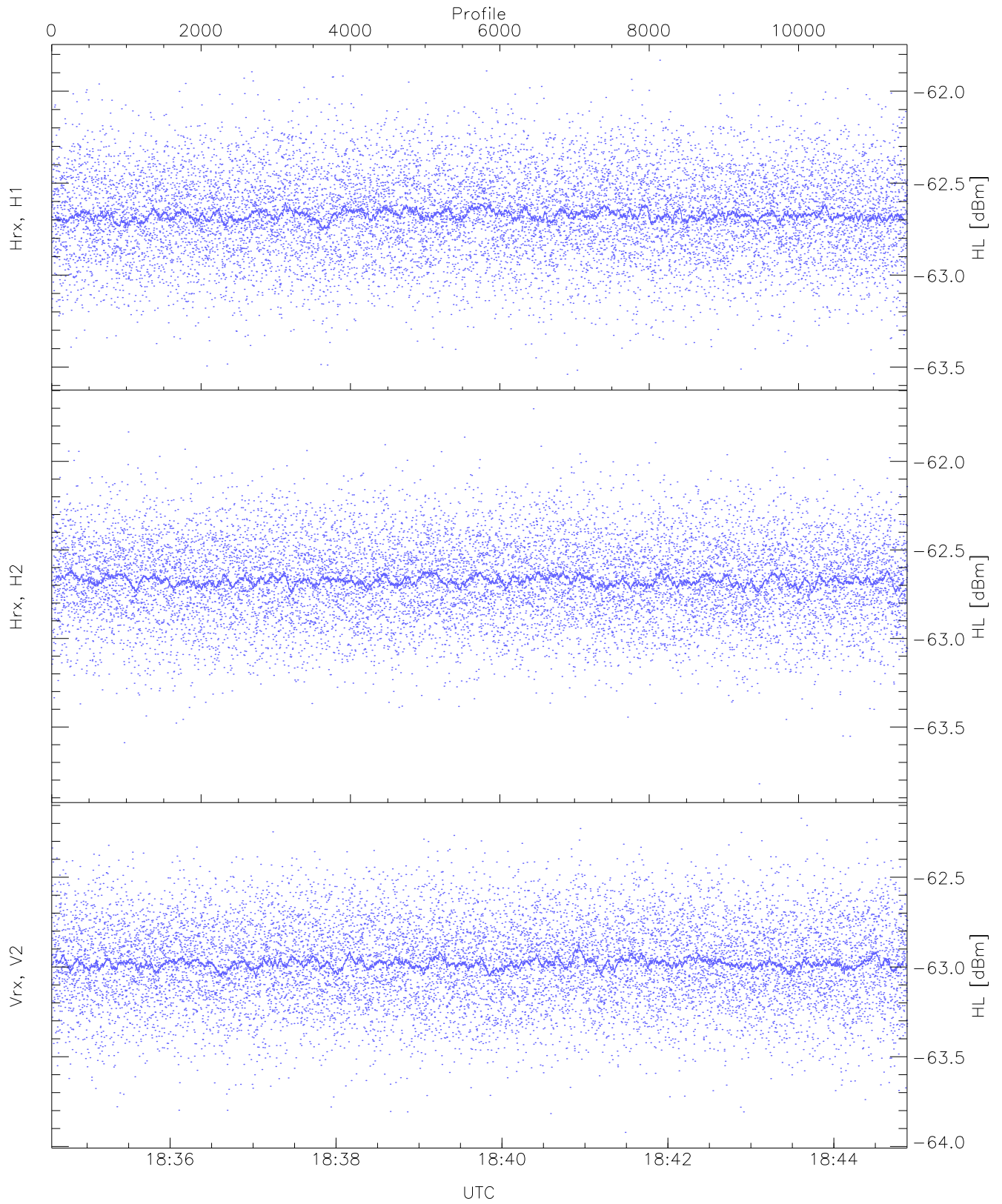
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 55 pixs, 8 gates, 55 profs, 2 prods



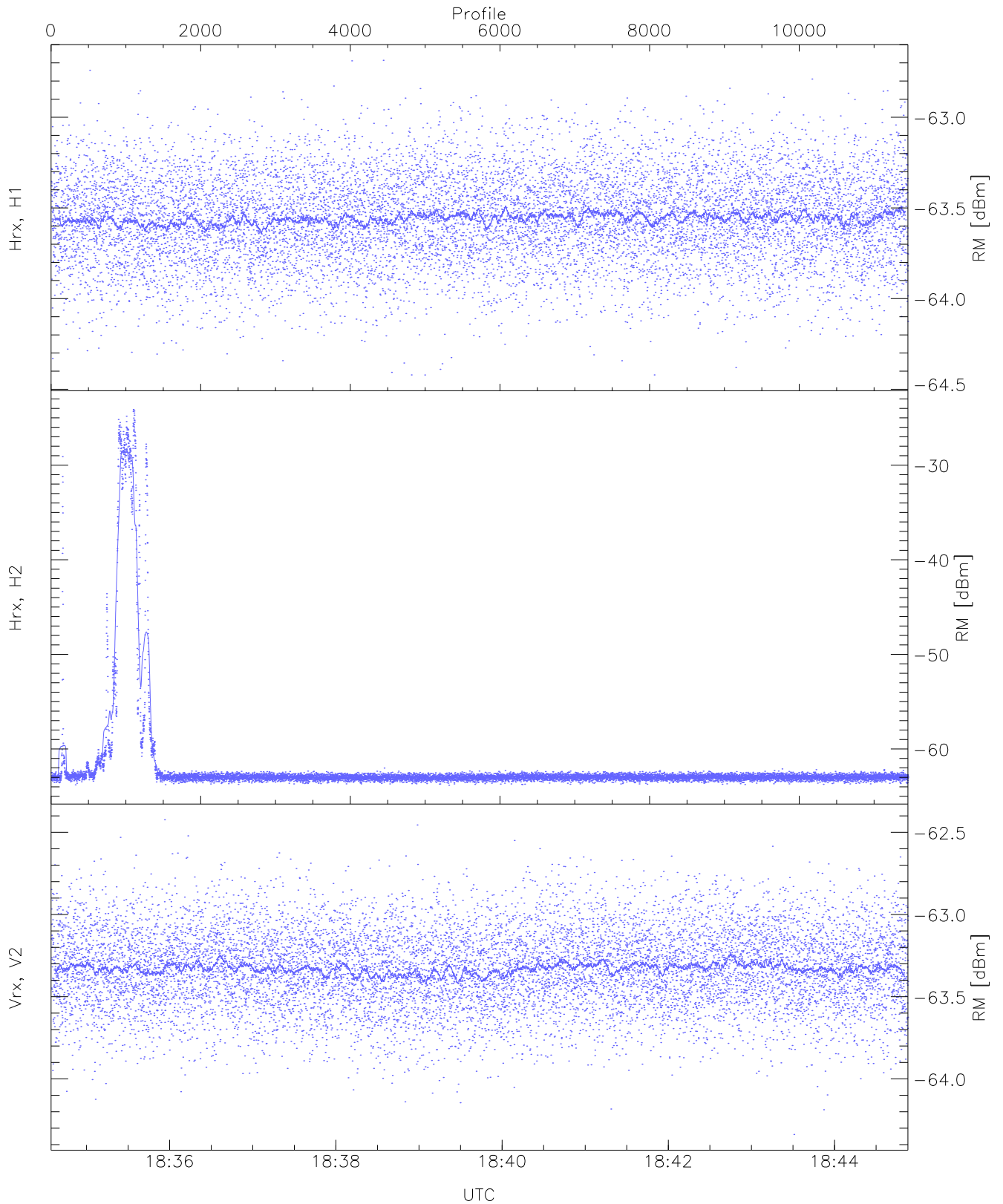
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-63.79	-62.09	-62.89	-62.89	-75.60
Hrx, H2 (WL [dBm])	-63.90	-48.74	-62.39	-62.88	-62.83
Vrx, V2 (WL [dBm])	-63.98	-62.33	-63.18	-63.18	-75.89



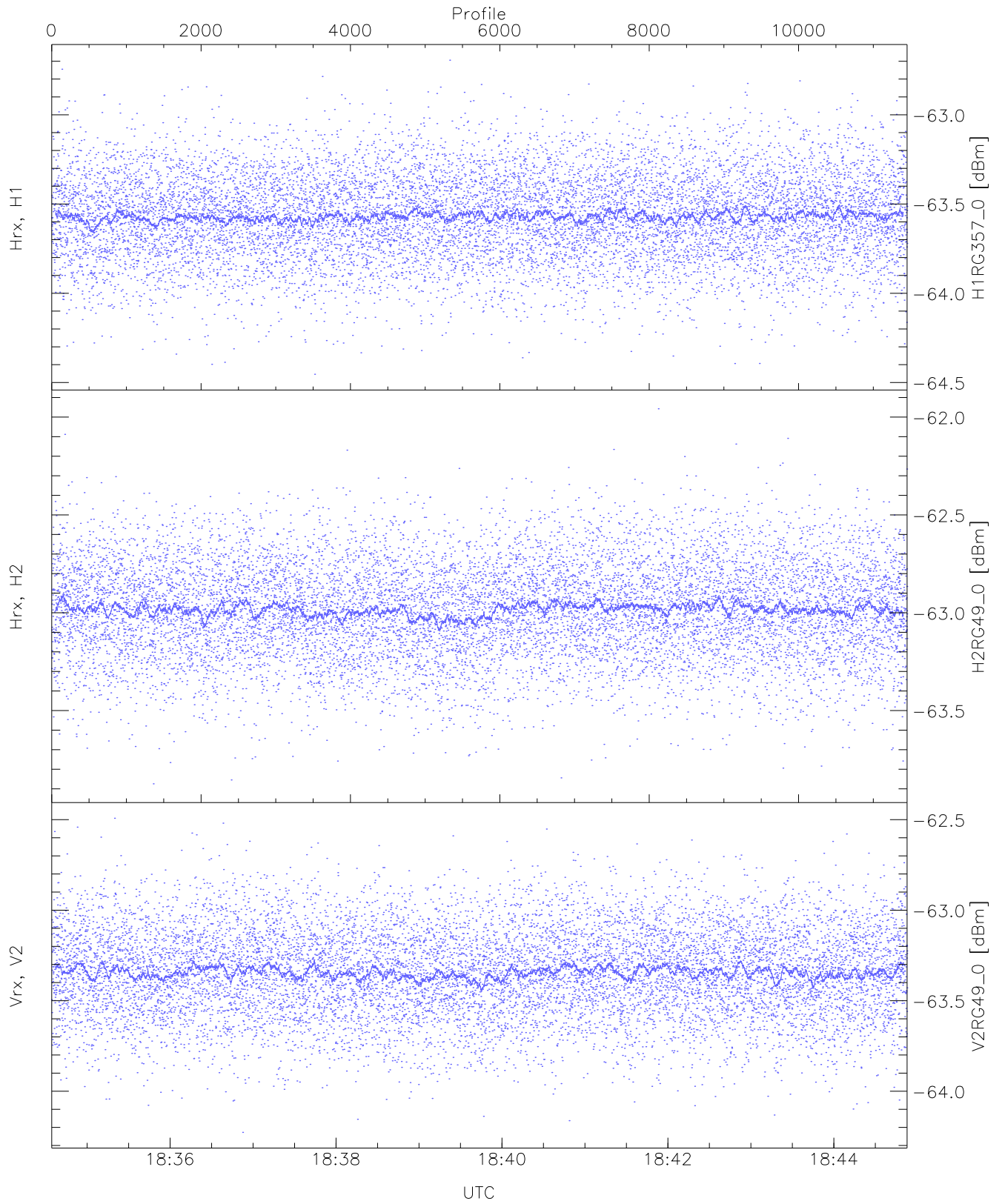
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.54	-61.83	-62.67	-62.67	-75.35
Hrx, H2 (HL [dBm])	-63.82	-61.70	-62.67	-62.67	-75.38
Vrx, V2 (HL [dBm])	-63.92	-62.17	-62.98	-62.98	-75.66



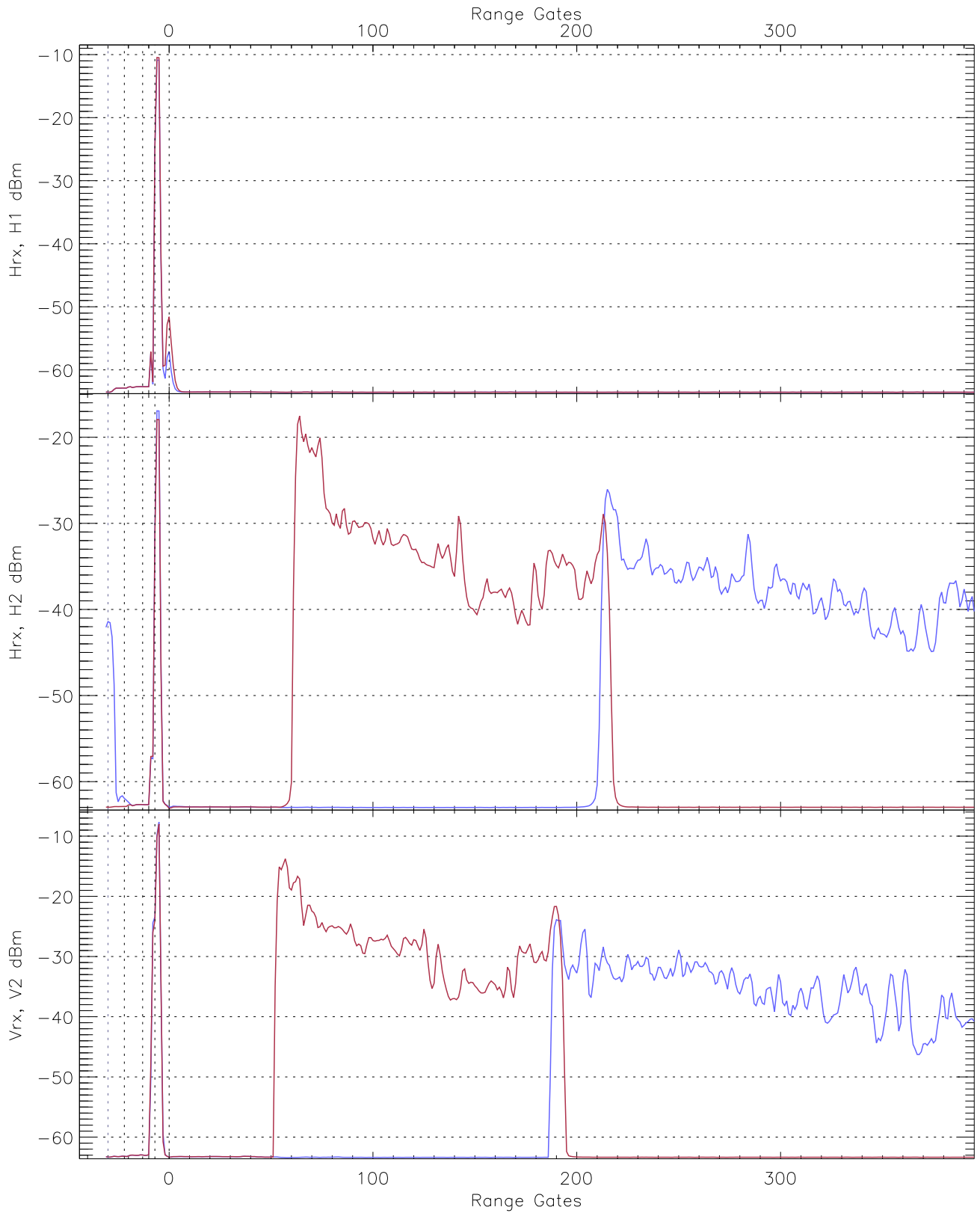
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.42	-62.69	-63.55	-63.56	-76.26
Hrx, H2 (RM [dBm])	-63.84	-24.12	-44.39	-62.96	-35.97
Vrx, V2 (RM [dBm])	-64.34	-62.42	-63.33	-63.33	-76.06

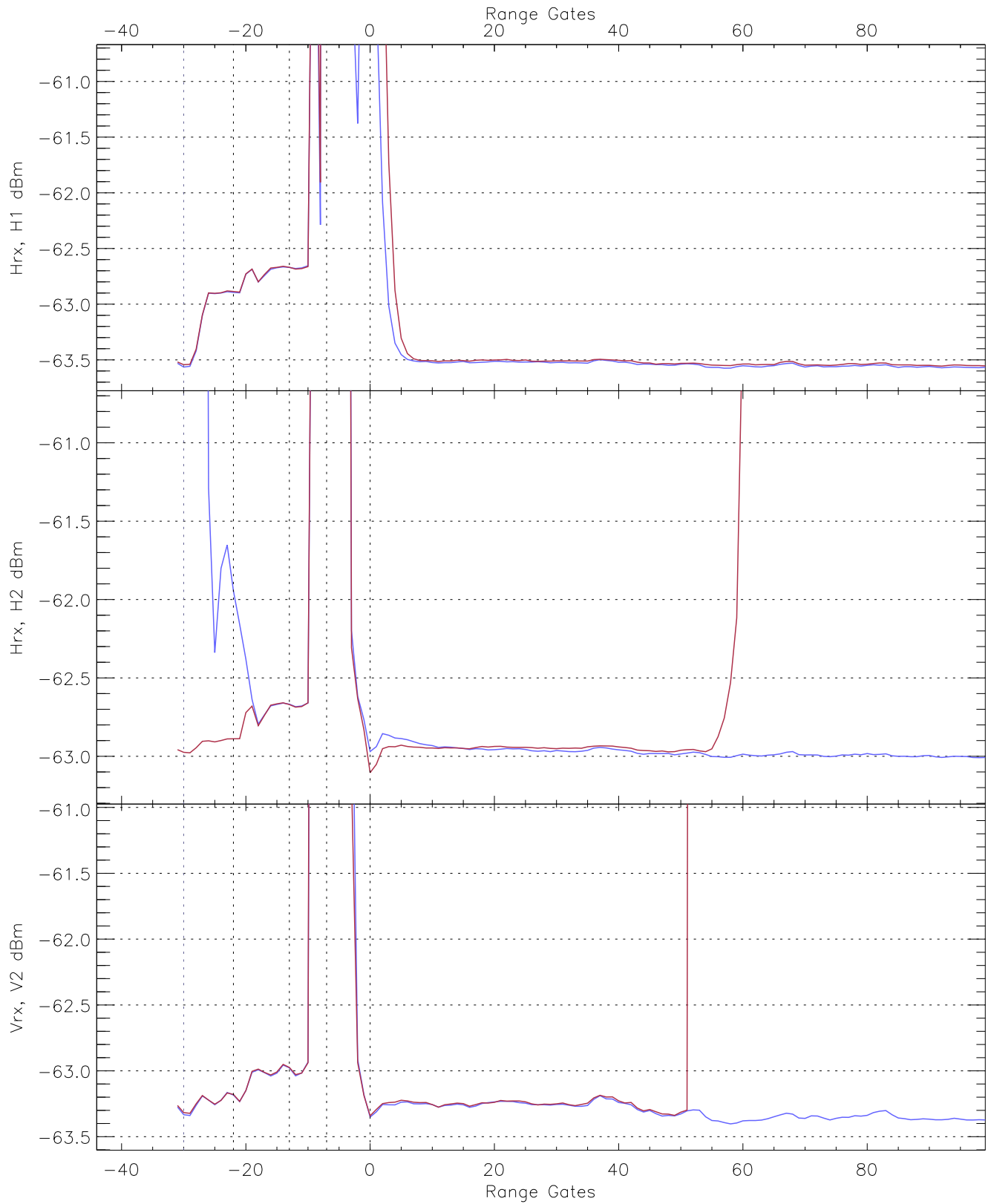


WCR2 CPP "Best" estimate Receivers Noise Power

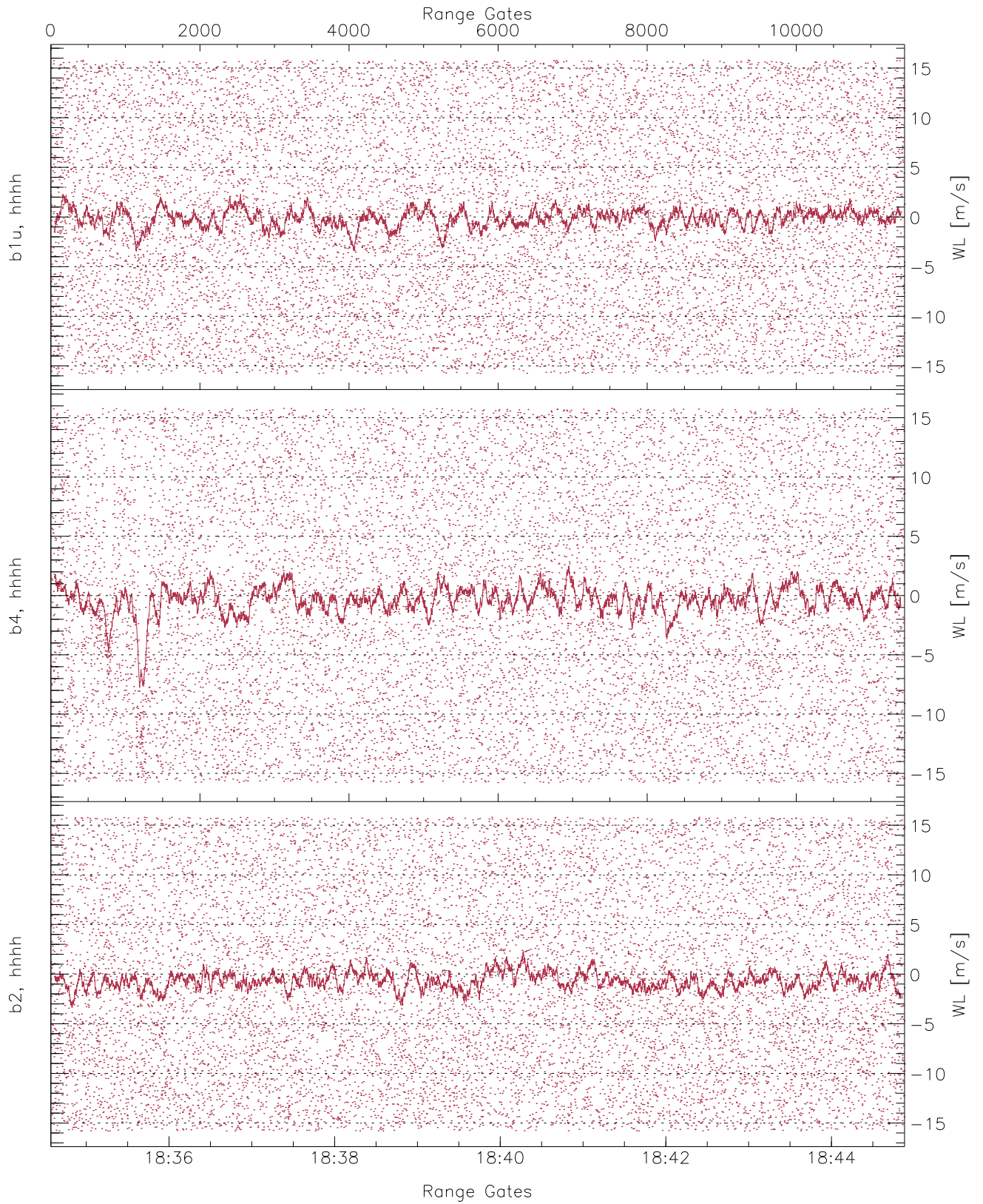
	Min	Max	Mean	Median	StDev
H1RG357_0 [dBm]	-64.45	-62.69	-63.57	-63.57	-76.27
H2RG49_0 [dBm]	-63.87	-61.96	-62.98	-62.99	-75.67
V2RG49_0 [dBm]	-64.23	-62.49	-63.34	-63.34	-76.02



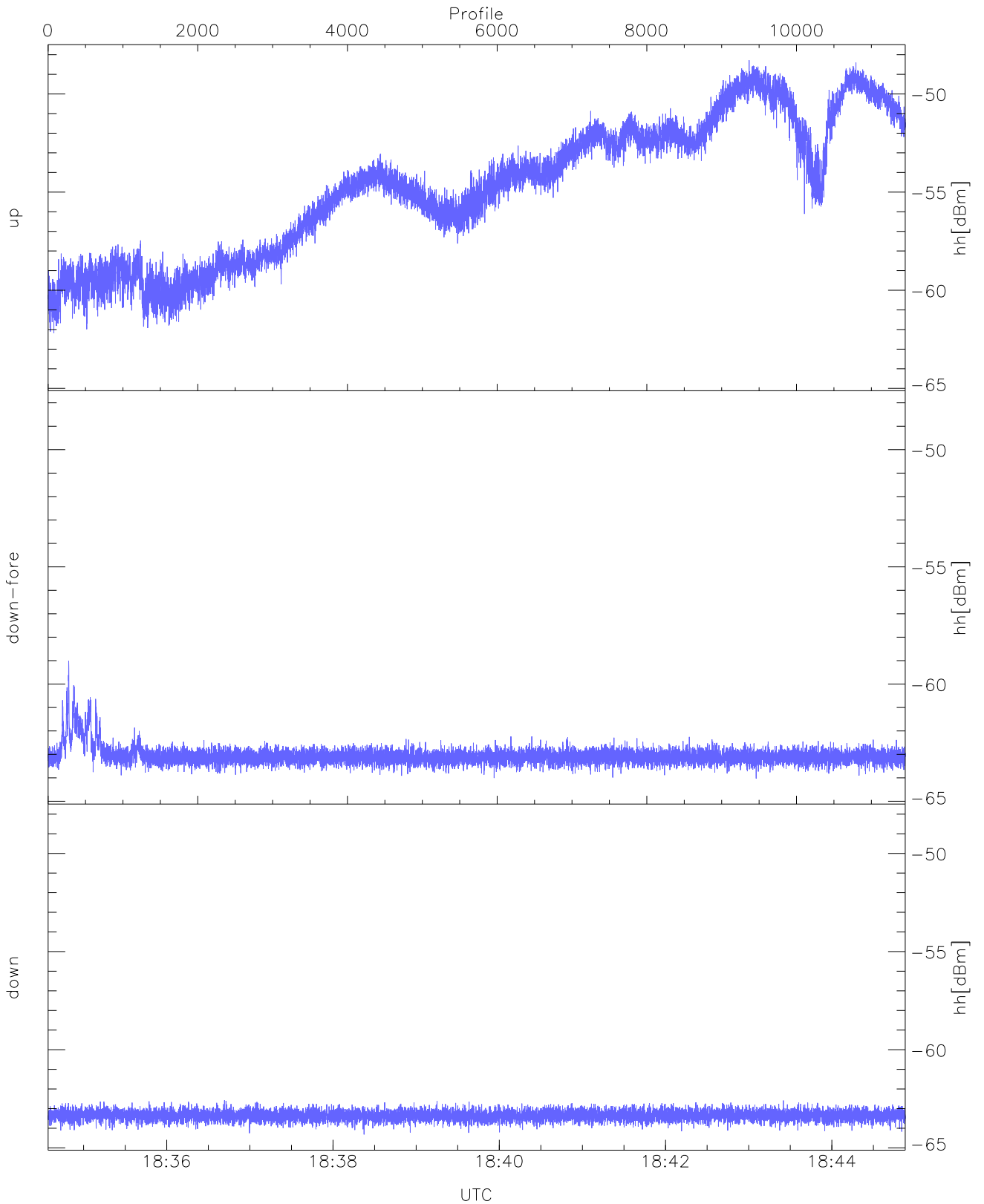
WCR2 CPP Averaged Received power for all recorded gates
blue: 183434-183944, 5728 profiles averaged
red: 183944-184453, 5727 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 183434-183944, 5728 profiles averaged
red: 183944-184453, 5727 profiles averaged

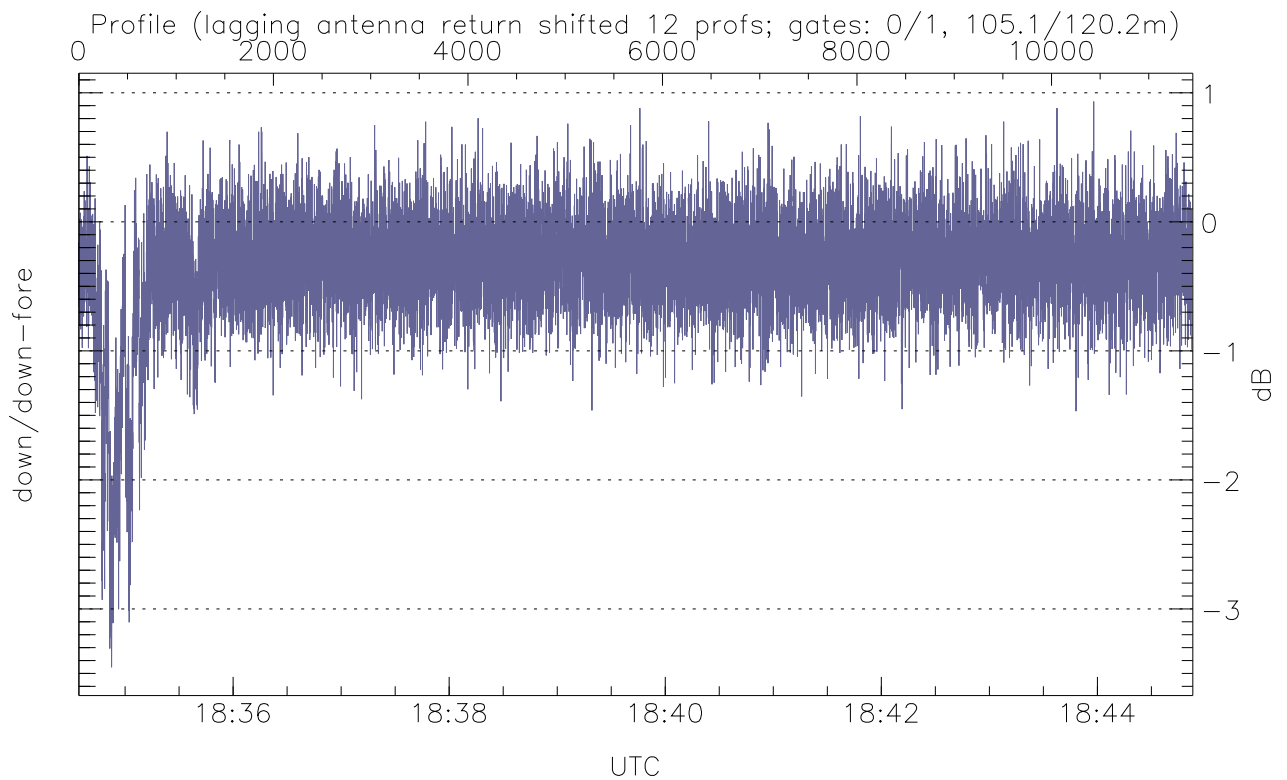
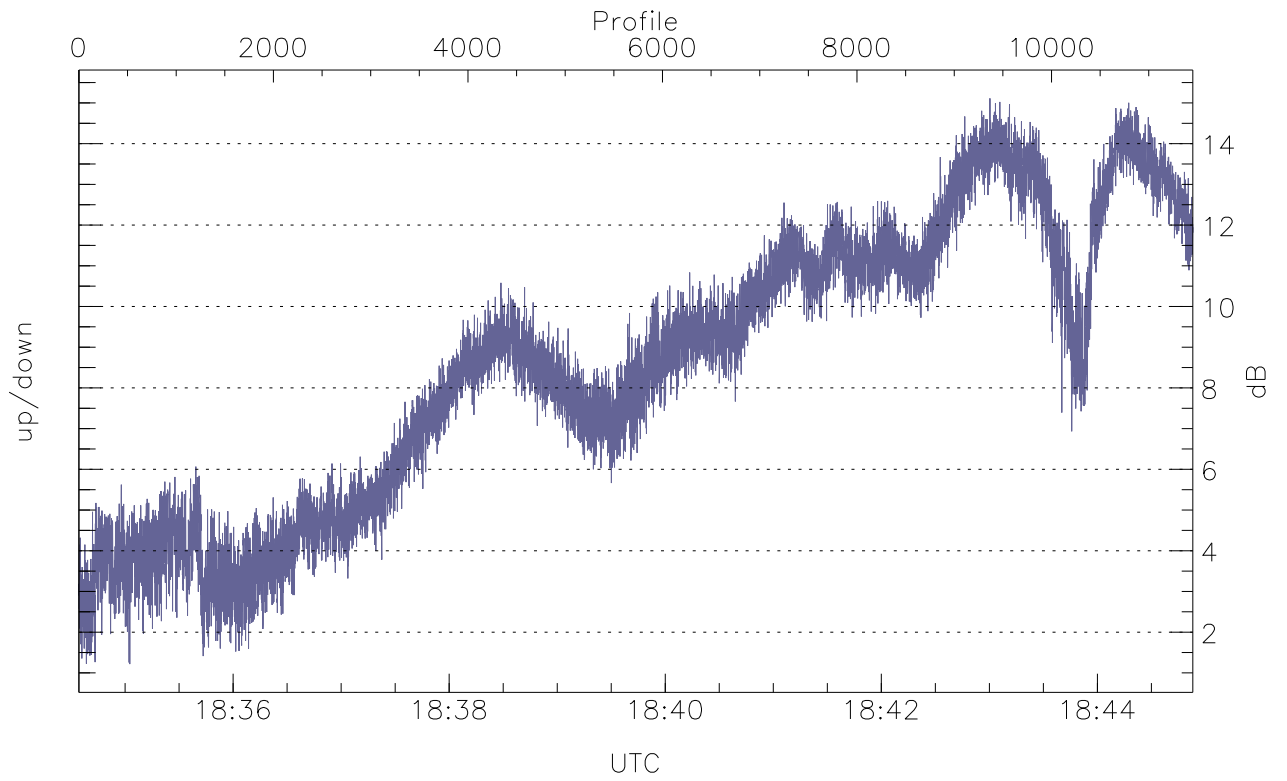


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



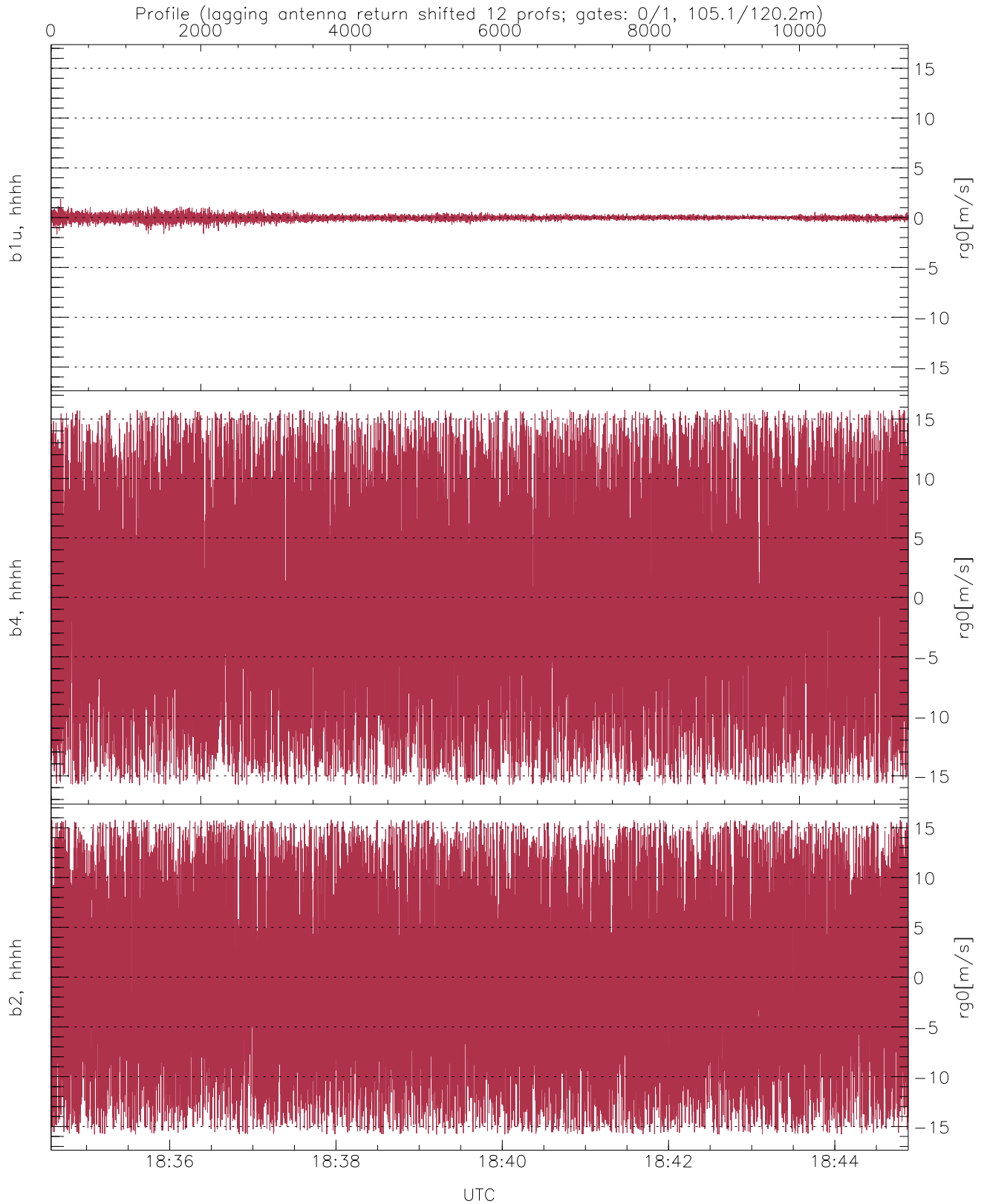
WCR2 CPP Received Power Products for Range gate 0 (105.1 m)

	Min	Max	Mean
up(hh[dBm])	-62.19	-48.29	-53.52
down-fore(hh[dBm])	-64.03	-59.01	-63.04
down(hh[dBm])	-64.32	-62.58	-63.35



WCR2 Beam pairs Received Power Ratio(s); RangeGate: 0 (105 m)

	Min	Max	Mean
up/down (dB)	1.22	15.11	8.58
down/down-fore (dB)	-3.45	0.93	-0.34



WCR2 CPP Doppler Velocity Products at 105.1 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg0[m/s])	-1.66	1.87	-0.01	0.24
b4, hhhh(rg0[m/s])	-15.80	15.79	-0.25	9.07
b2, hhhh(rg0[m/s])	-15.79	15.80	-0.63	9.09