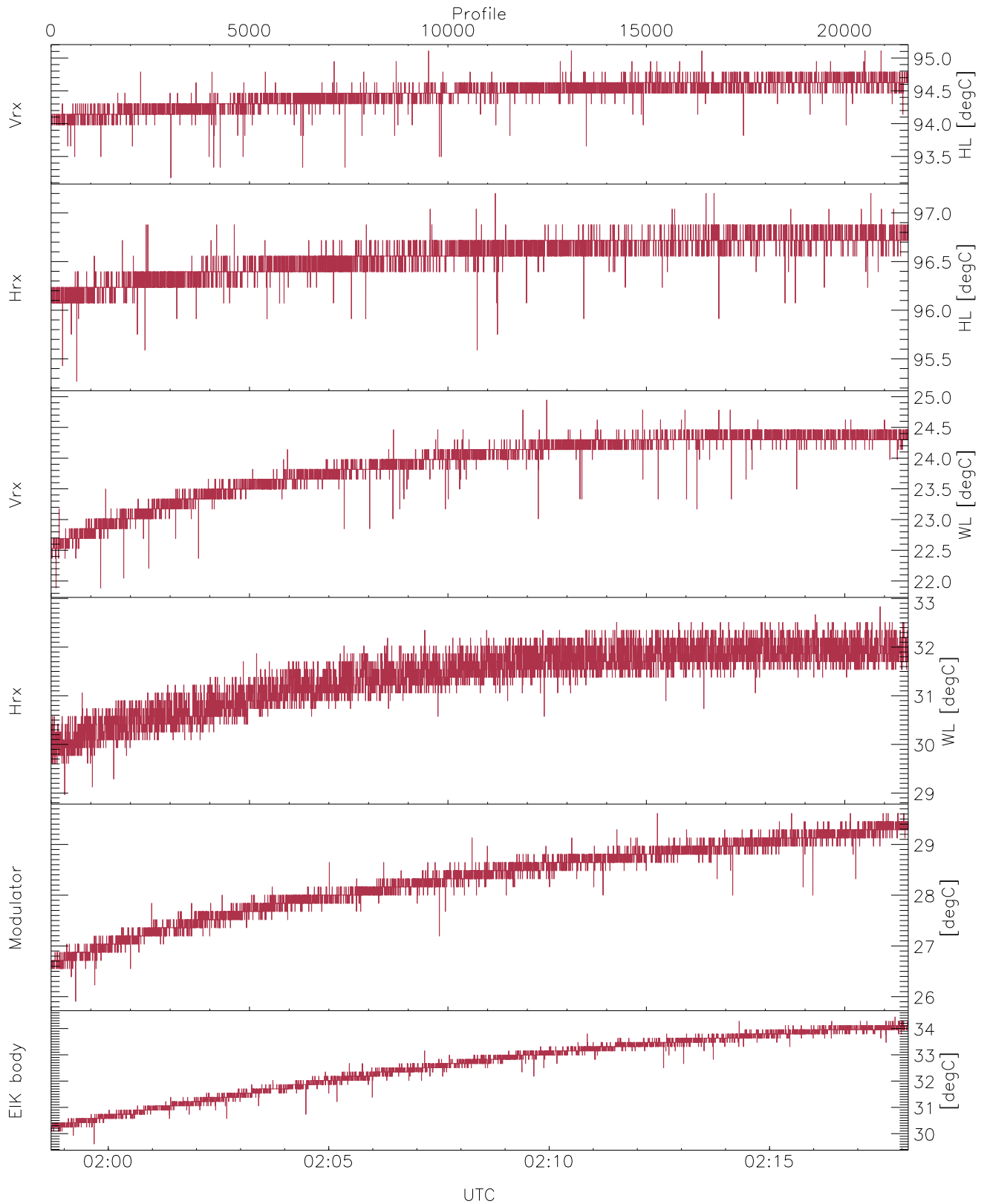


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

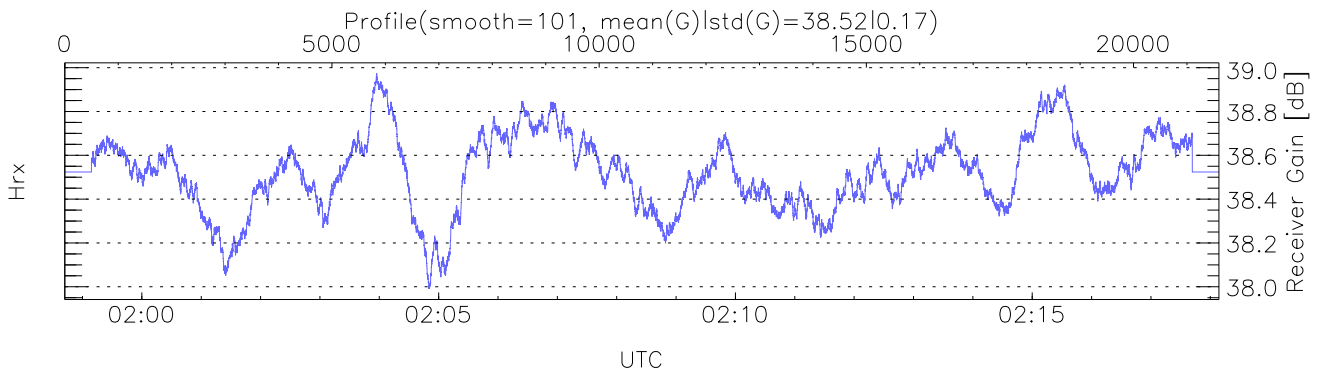
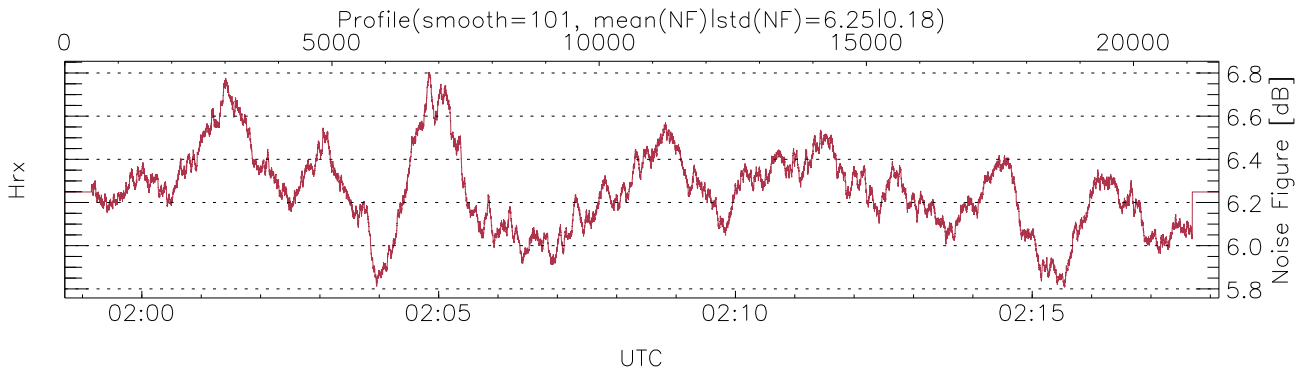
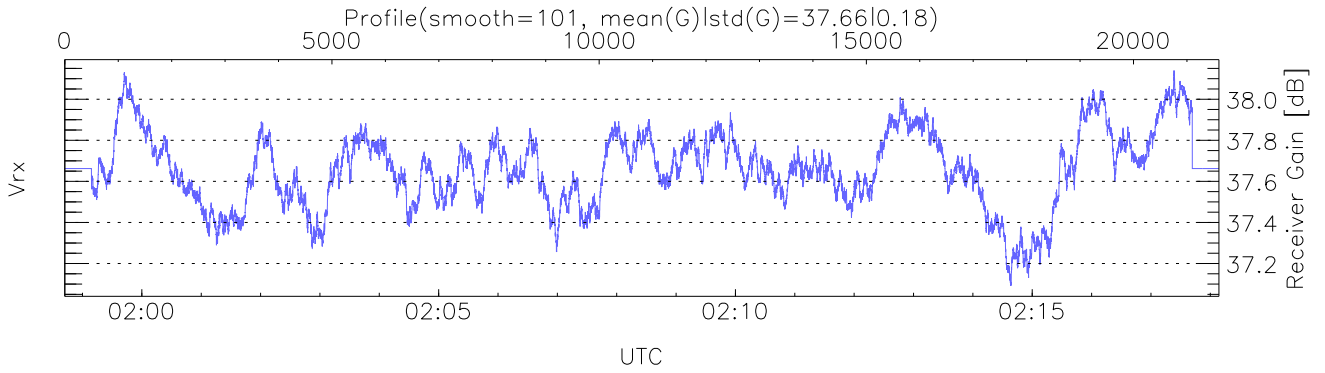
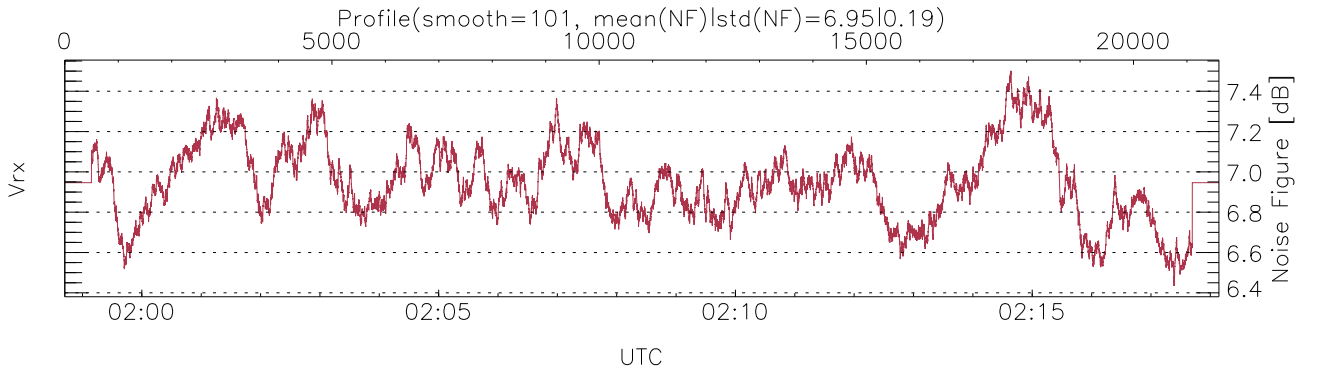
UTC: 01:58:42-02:36:09, Dur: 2247.39s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 54.0,54.0,54.0,0.0 ms / 19,19,19
 NumRec(r/t): 21600/41609, 0-21599/01:58:42-02:18:09
 AcqTime: 54.0ms, Rate: 287KB/s, Averages: 180
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 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

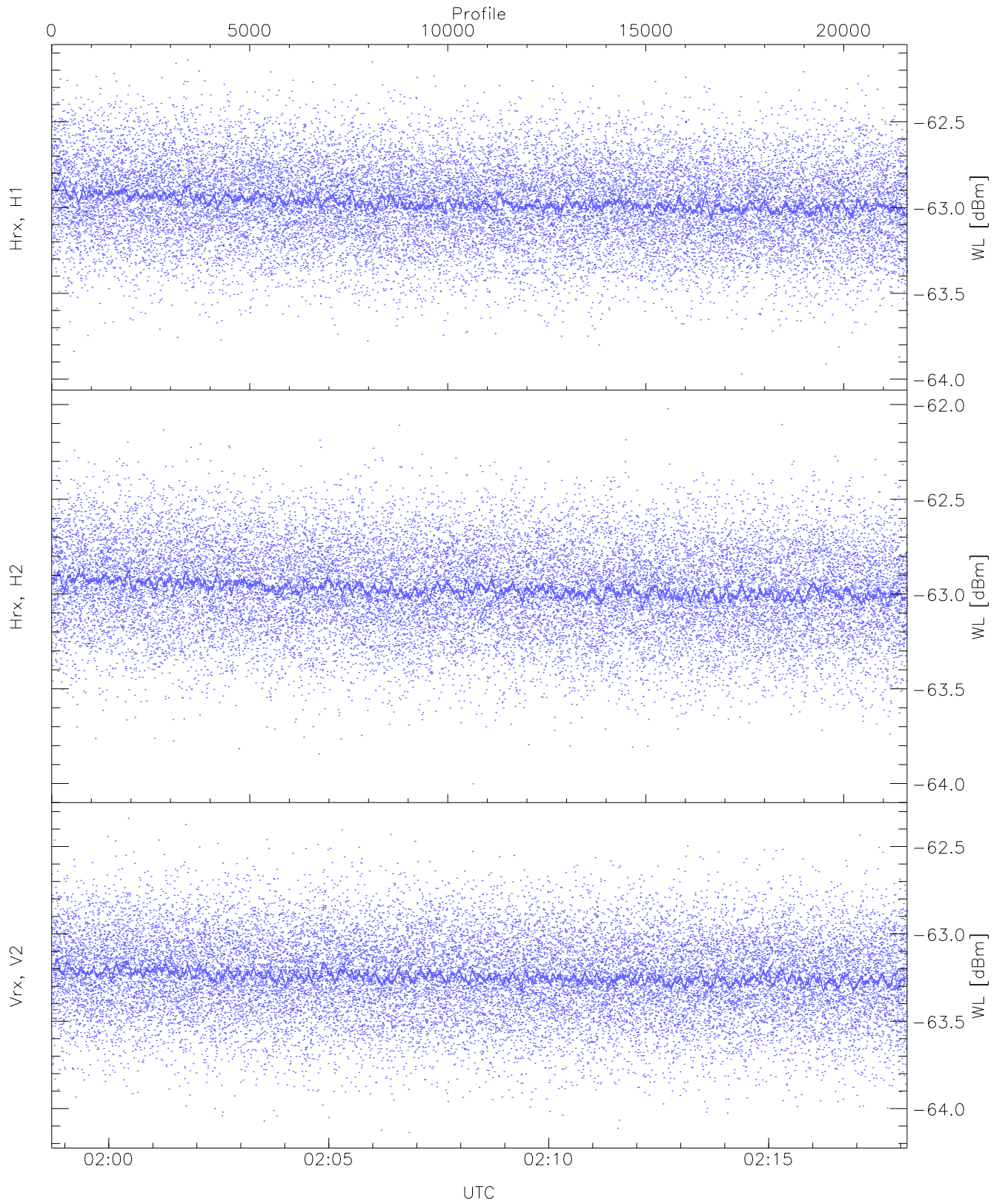
```

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,21,28,25,29
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 95,97,24,32,29,34
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
  DeckT,CollT,BodyCurr,DeckF,OverDuty (5,5,10,20,10)
    
```



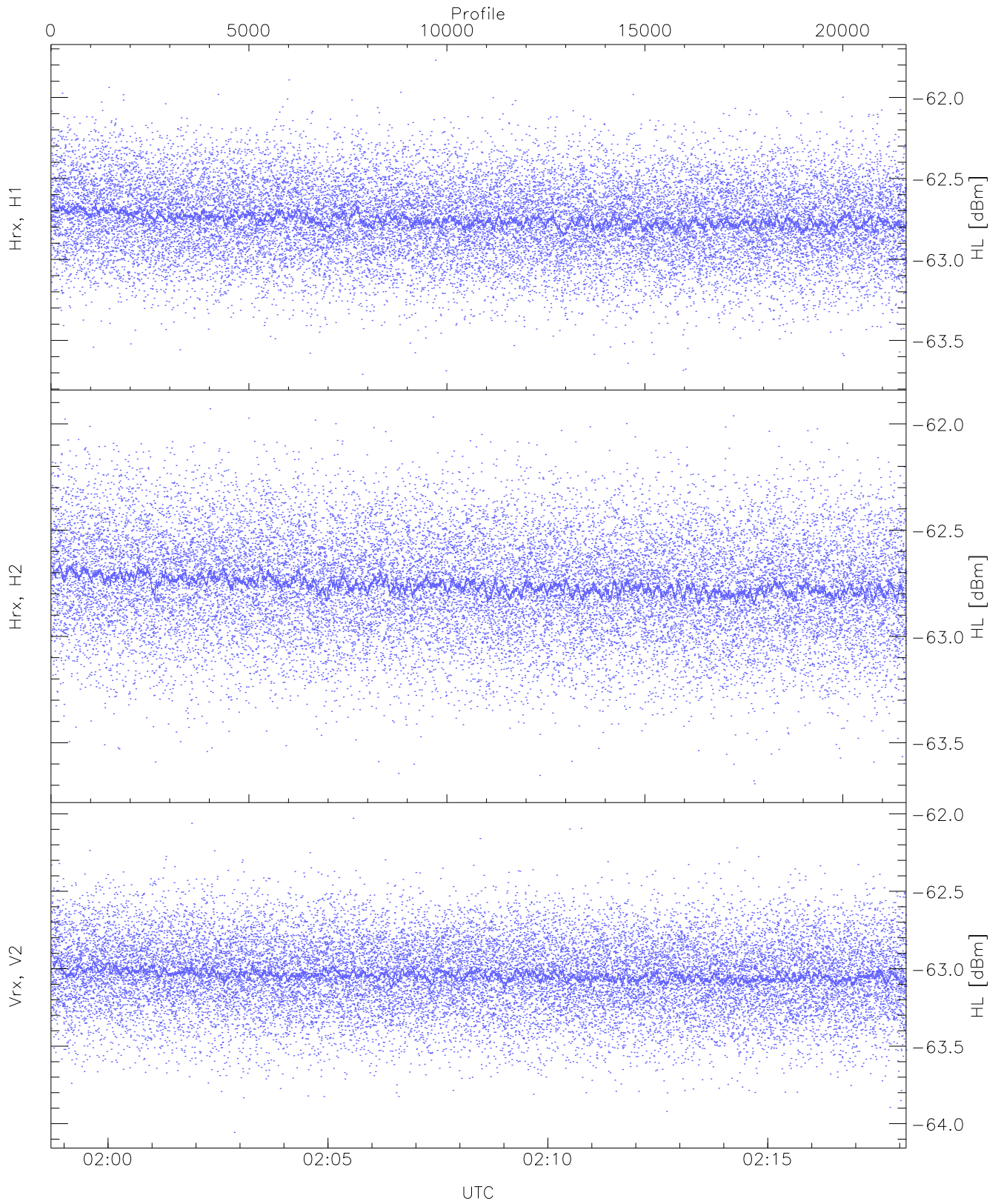
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 1921 pixs, 61 gates, 1876 profs, 2 prods



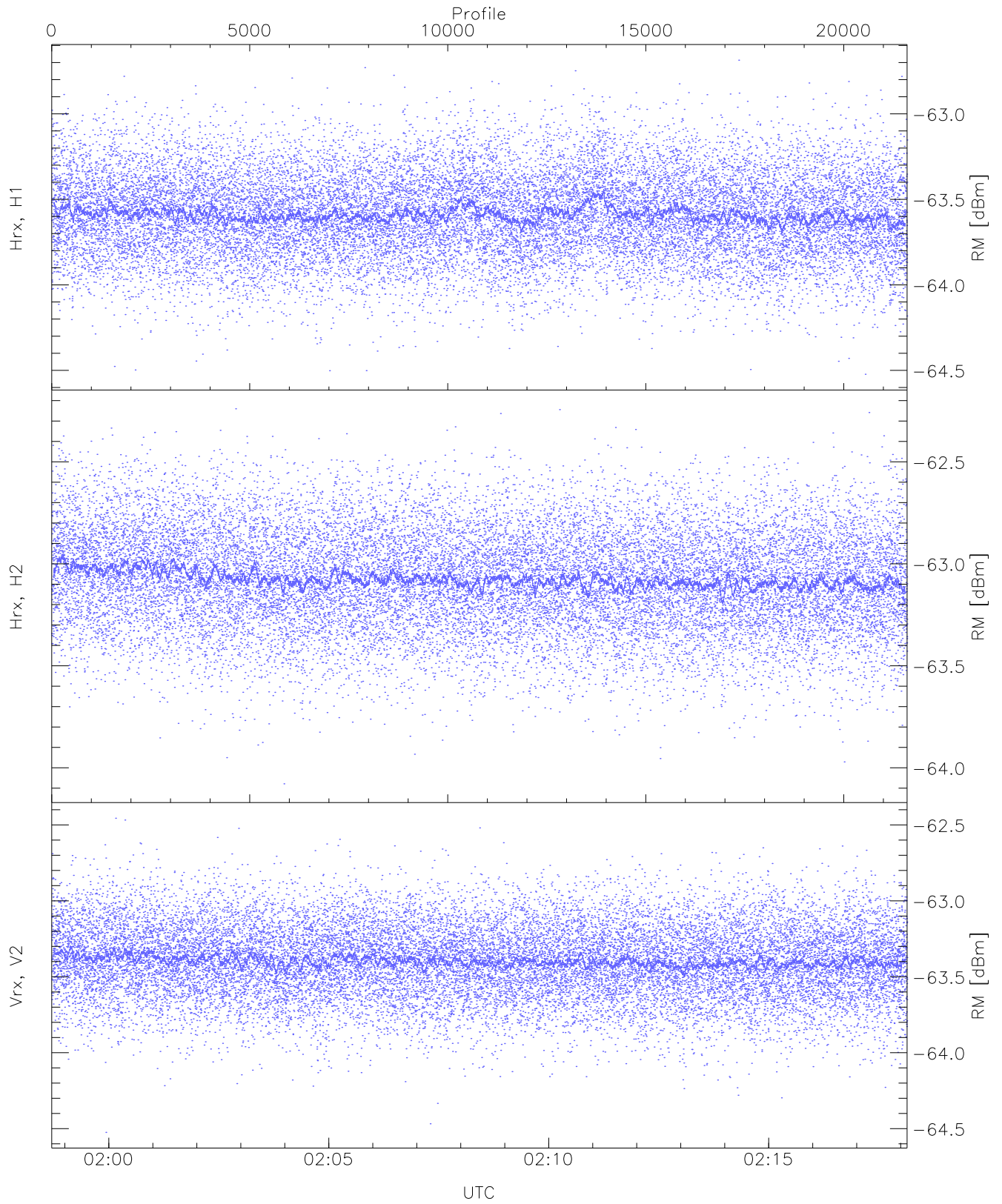
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-63.97	-62.14	-62.97	-62.97	-75.64
Hrx, H2 (WL [dBm])	-64.00	-62.02	-62.97	-62.98	-75.67
Vrx, V2 (WL [dBm])	-64.14	-62.34	-63.24	-63.25	-75.93



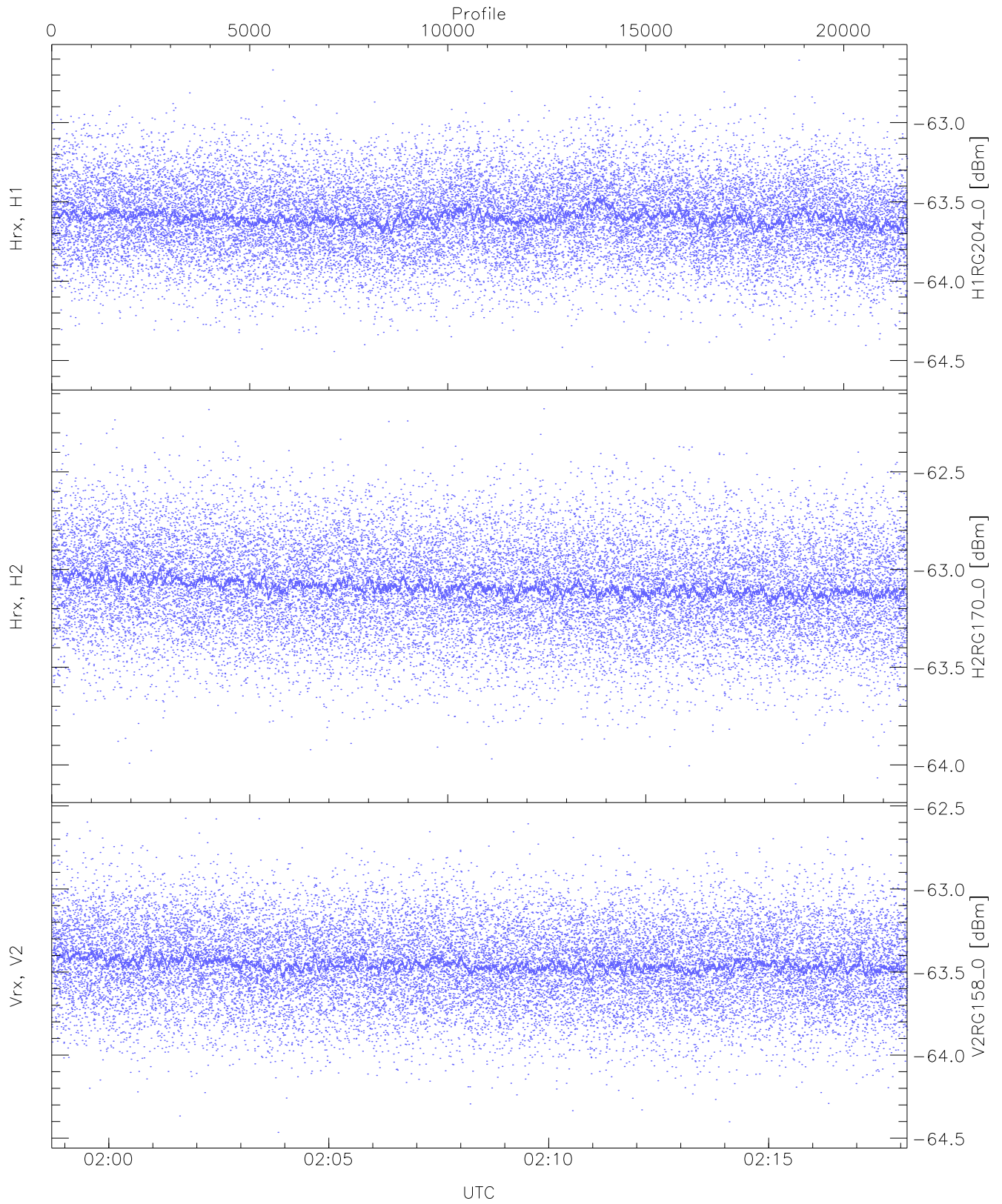
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.71	-61.77	-62.75	-62.76	-75.43
Hrx, H2 (HL [dBm])	-63.69	-61.93	-62.76	-62.76	-75.45
Vrx, V2 (HL [dBm])	-64.06	-62.03	-63.04	-63.04	-75.74



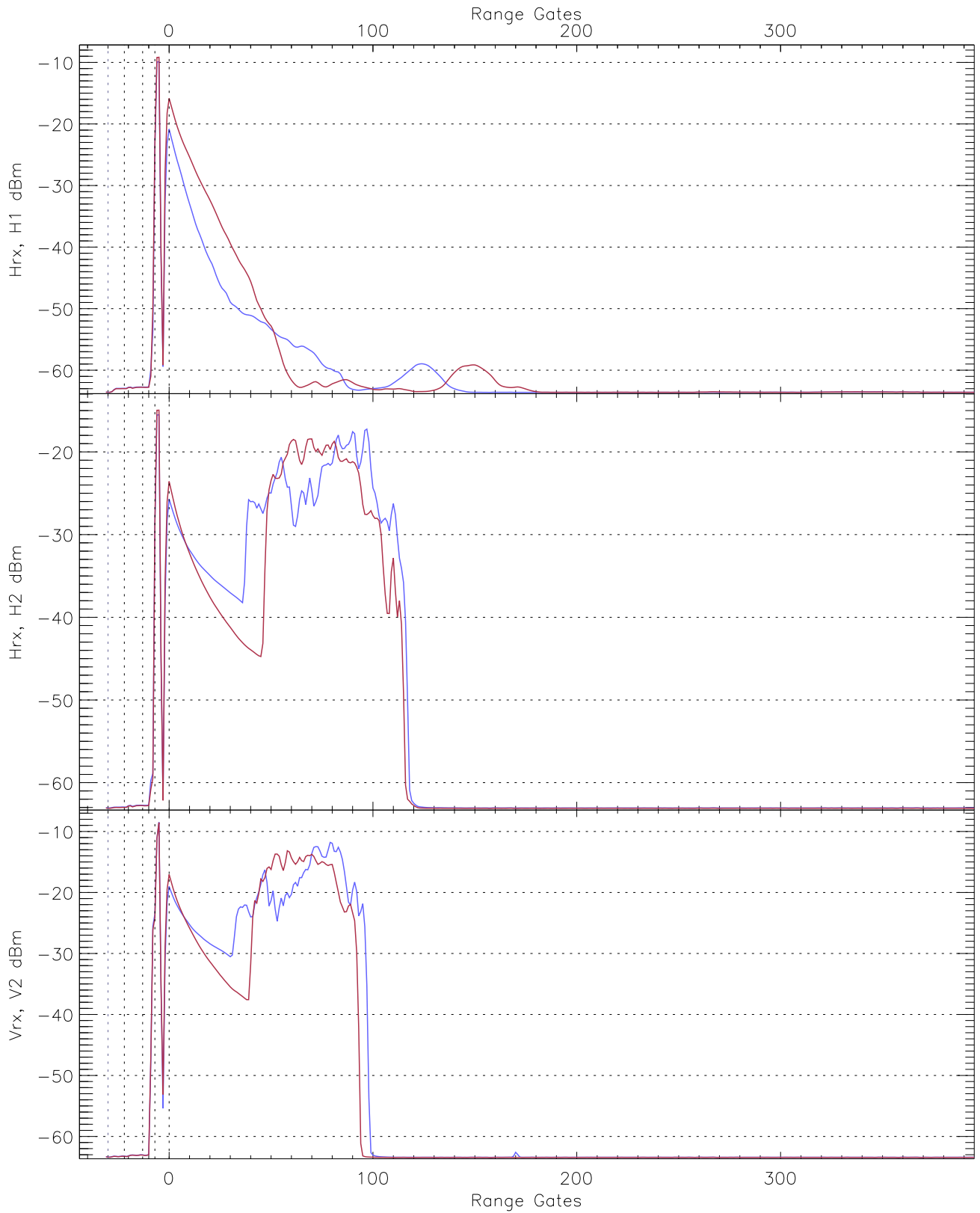
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-64.52	-62.69	-63.59	-63.59	-76.24
Hrx, H2(RM [dBm])	-64.08	-62.24	-63.07	-63.08	-75.77
Vrx, V2(RM [dBm])	-64.52	-62.46	-63.39	-63.40	-76.10

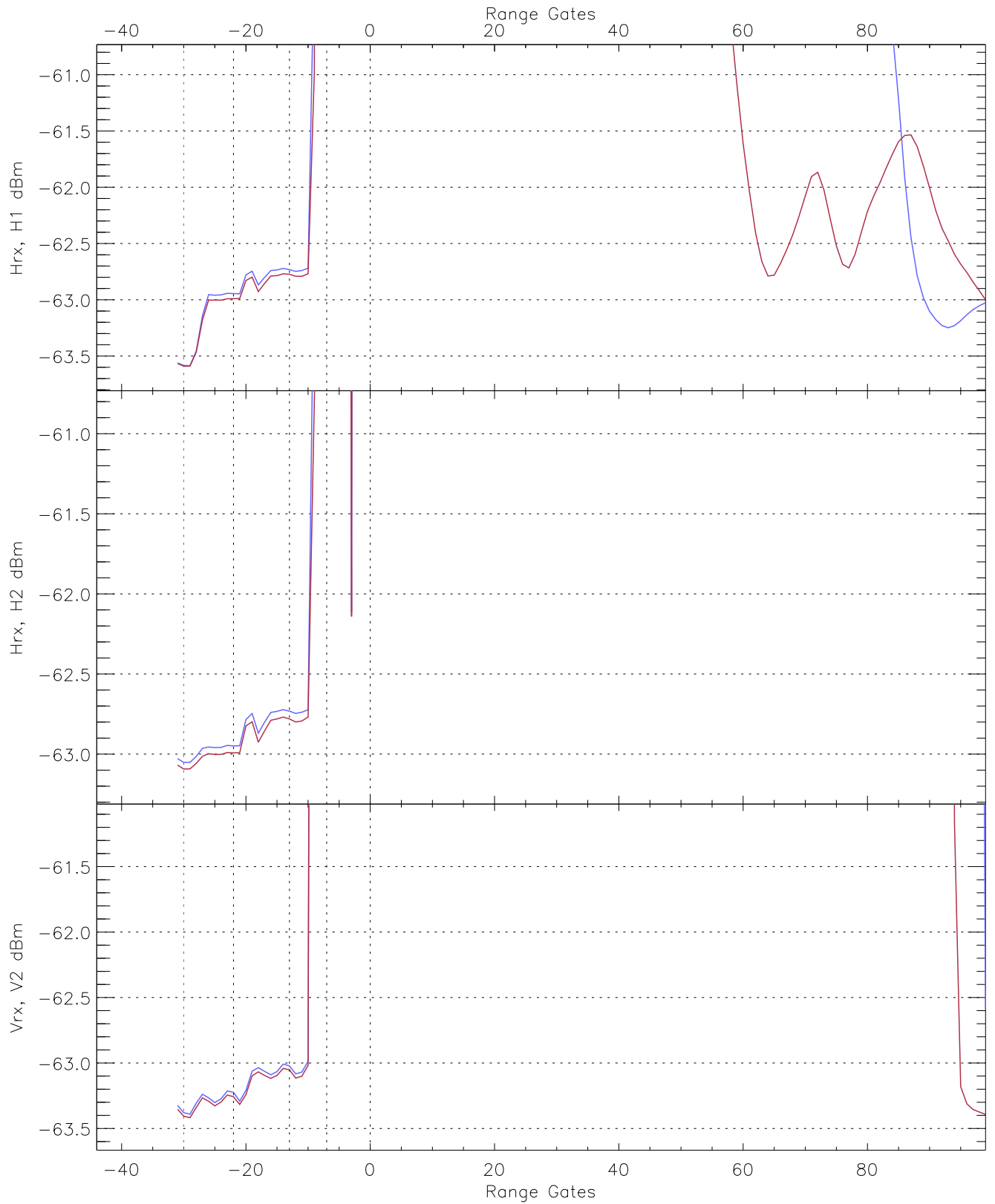


WCR2 CPP "Best" estimate Receivers Noise Power

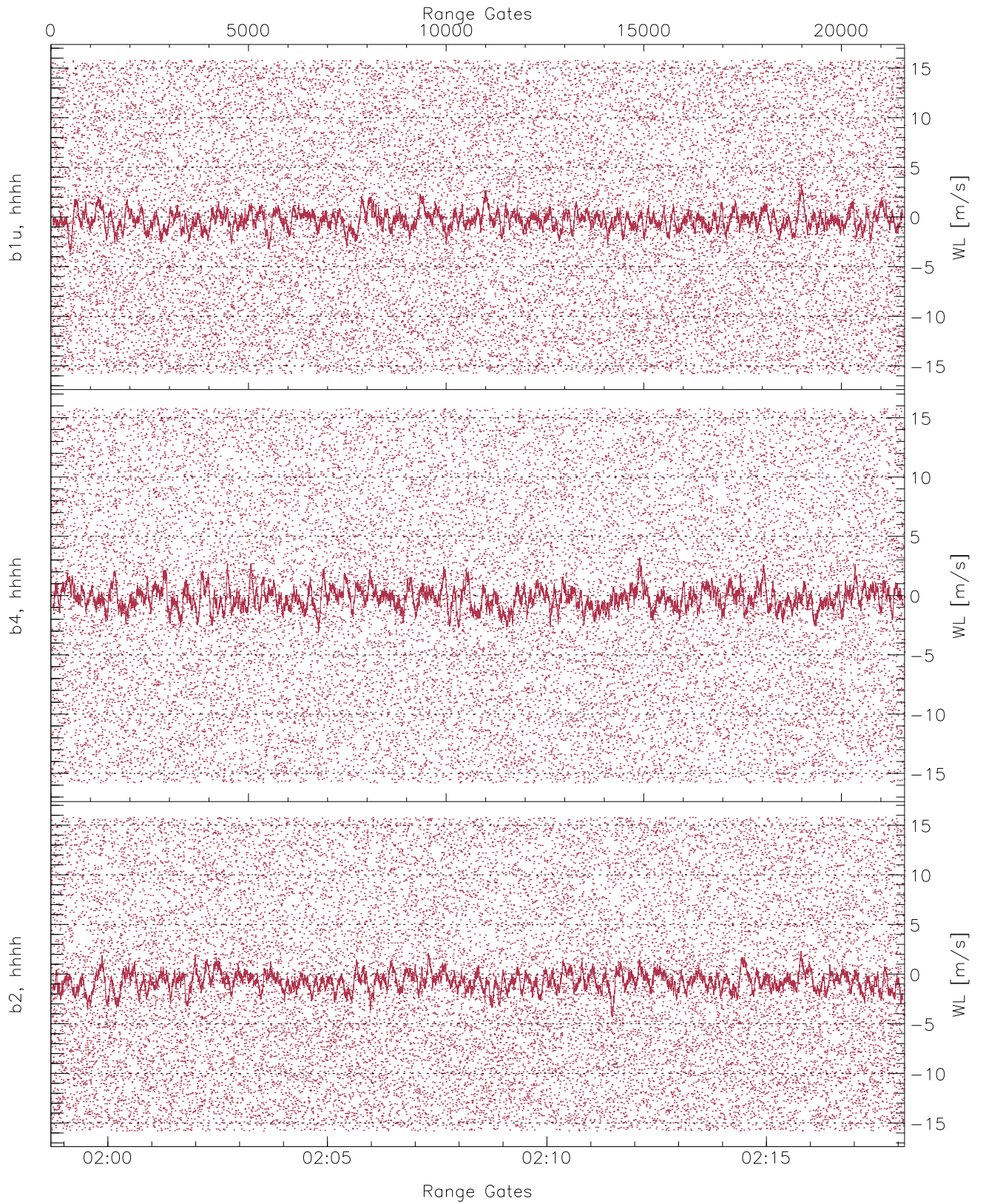
	Min	Max	Mean	Median	StDev
H1RG204_0 [dBm]	-64.59	-62.61	-63.60	-63.60	-76.28
H2RG170_0 [dBm]	-64.10	-62.18	-63.09	-63.09	-75.78
V2RG158_0 [dBm]	-64.47	-62.57	-63.45	-63.46	-76.13



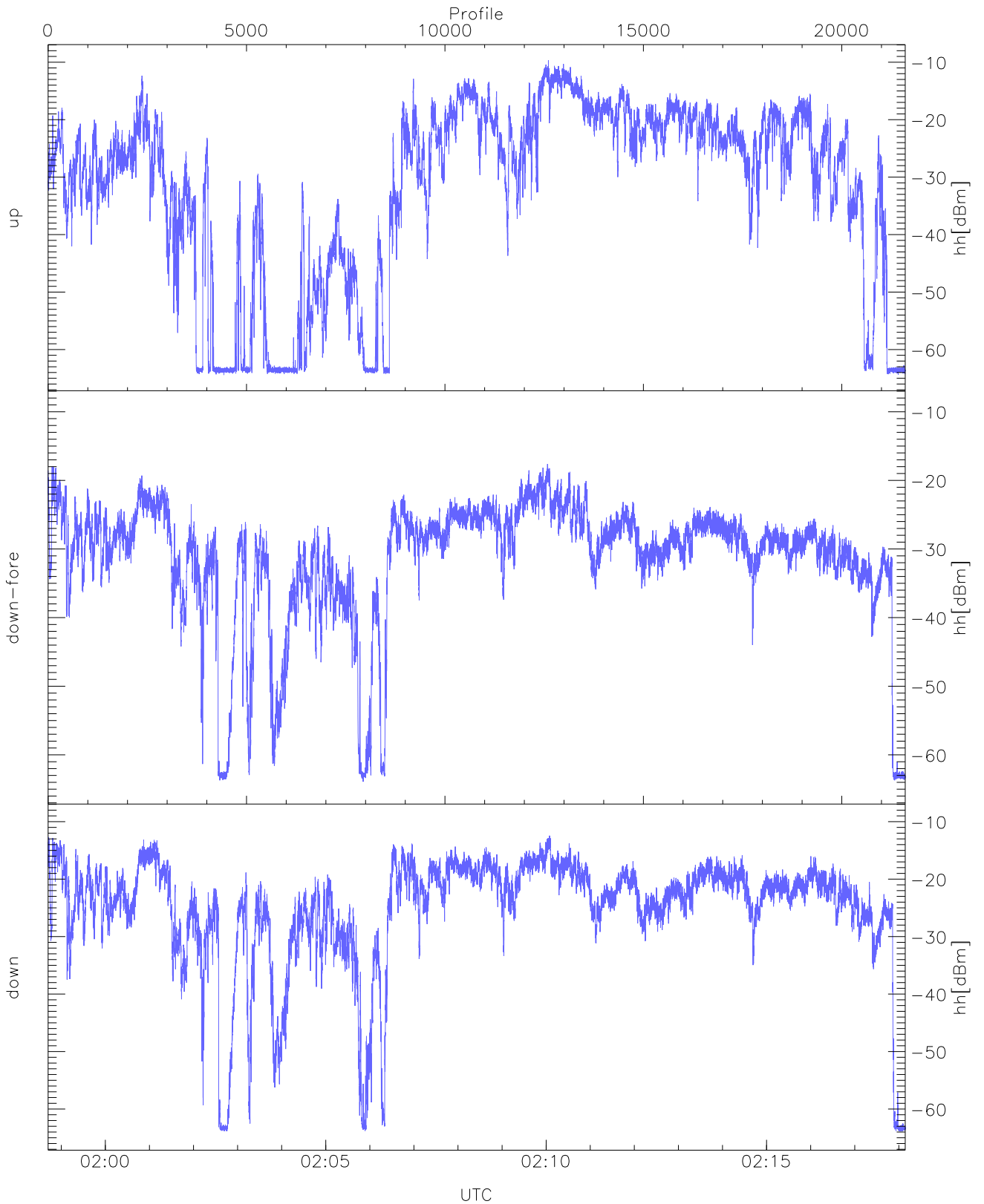
WCR2 CPP Averaged Received power for all recorded gates
blue: 015842-020825, 10801 profiles averaged
red: 020825-021809, 10800 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 015842-020825, 10801 profiles averaged
red: 020825-021809, 10800 profiles averaged

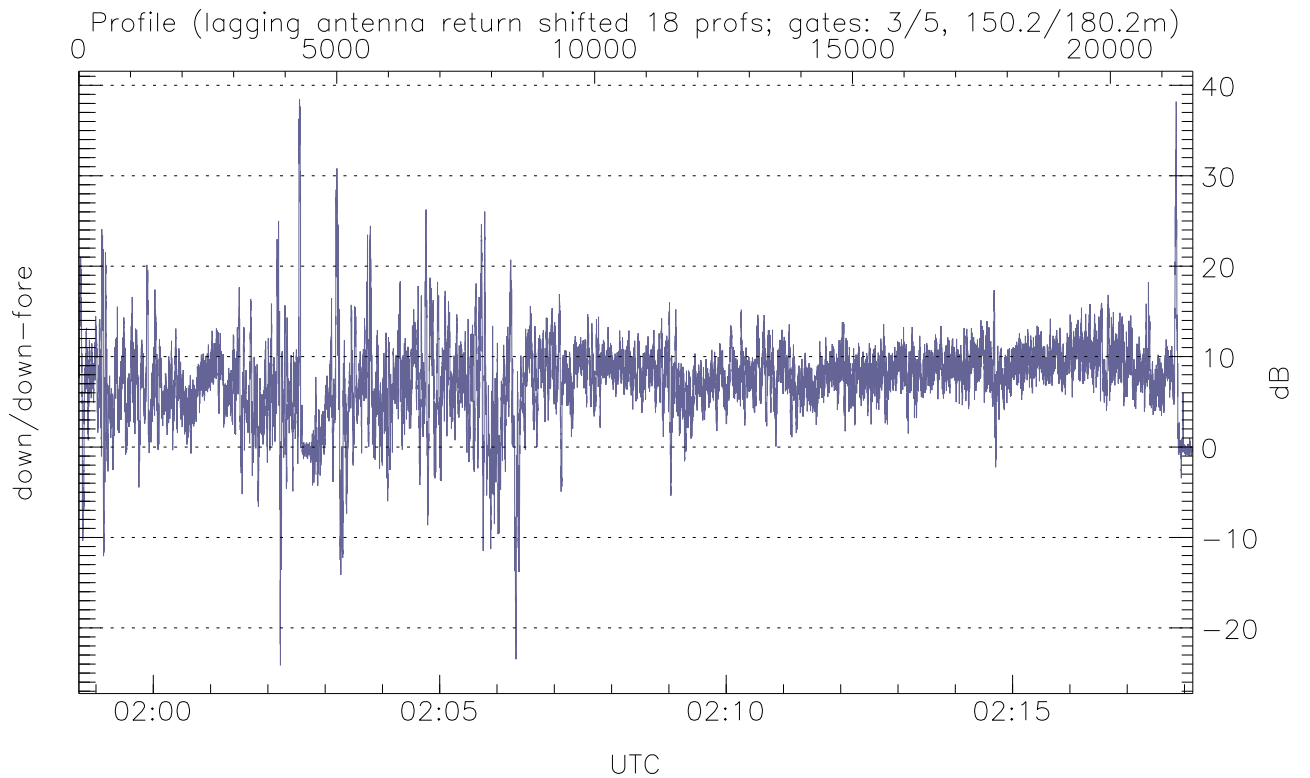
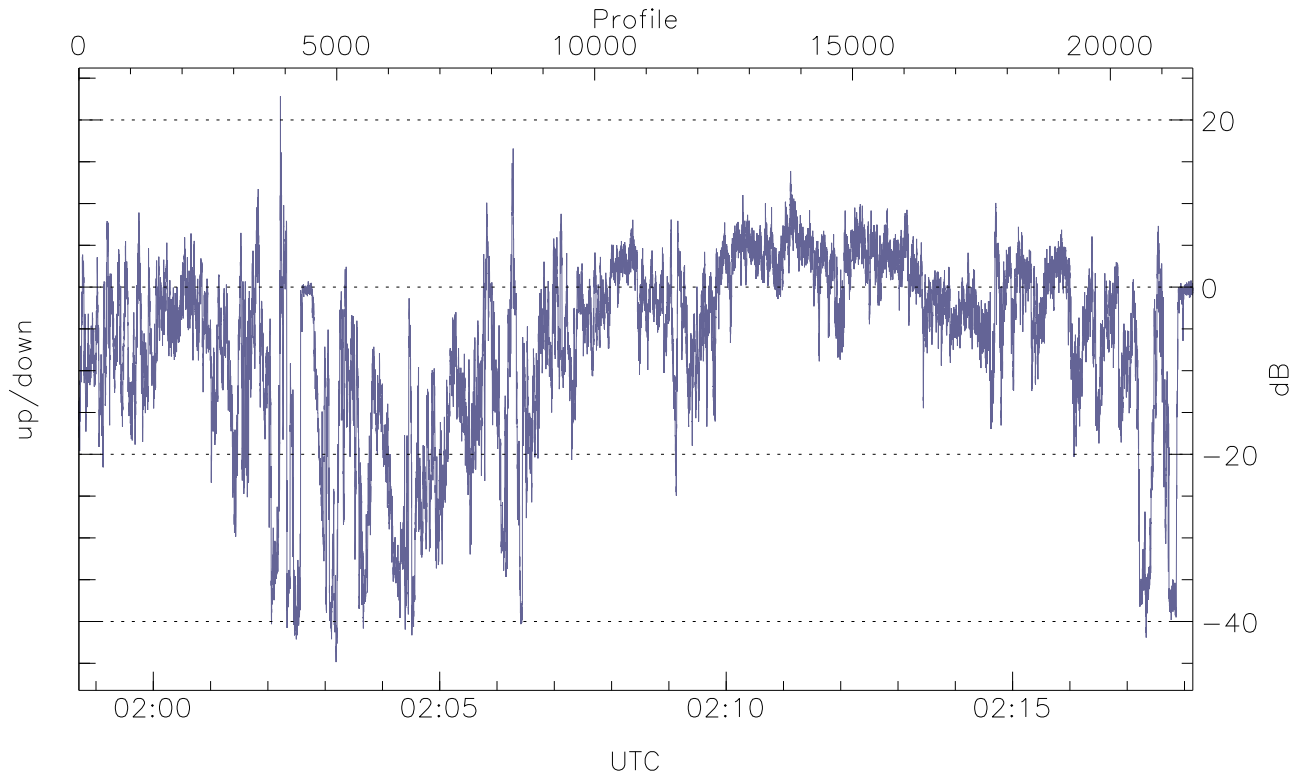


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



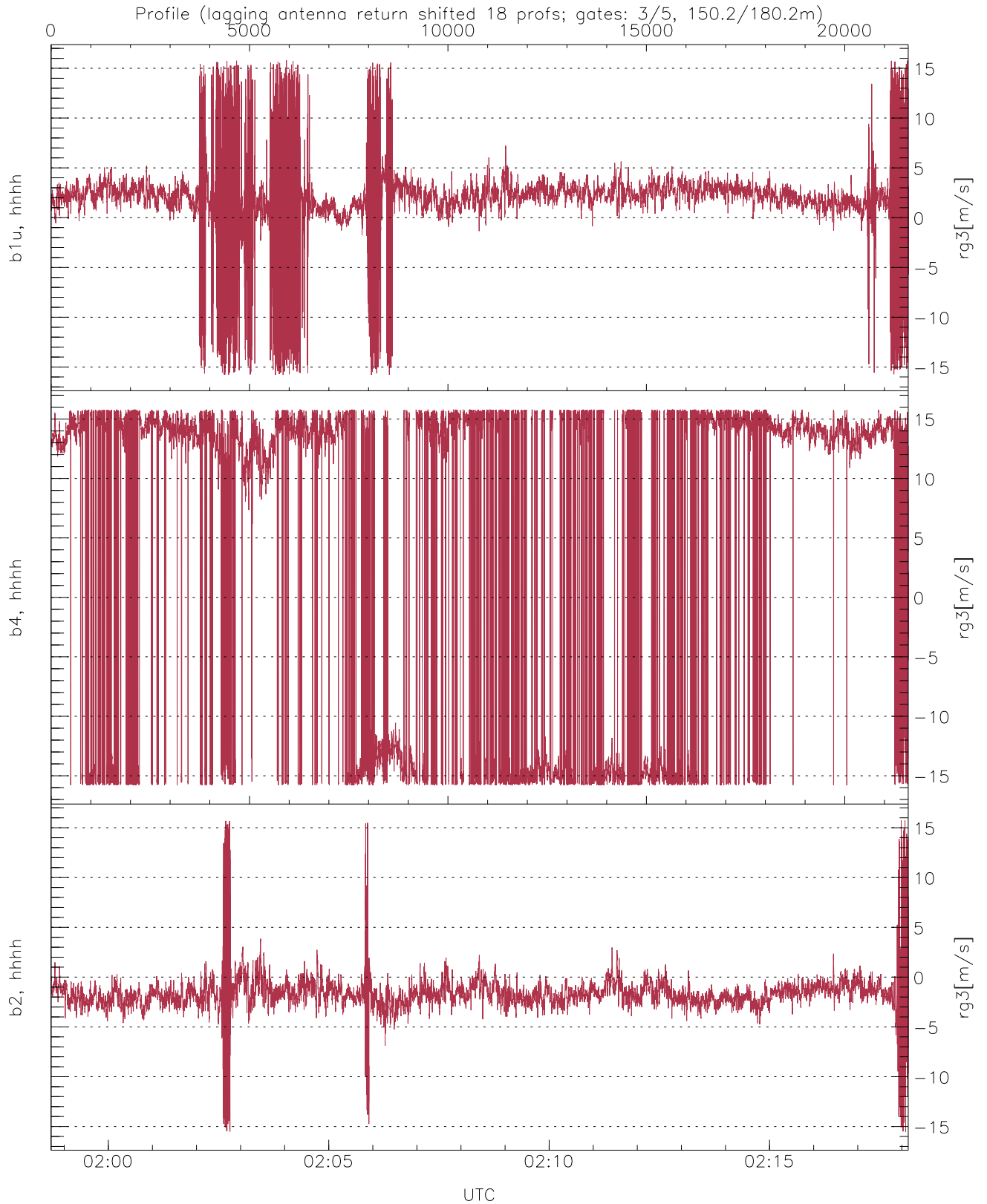
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-64.43	-9.67	-21.30
down-fore(hh[dBm])	-63.91	-17.61	-27.39
down(hh[dBm])	-63.88	-12.43	-20.96



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

	Min	Max	Mean
up/down (dB)	-44.85	22.83	-6.98
down/down-fore (dB)	-24.13	38.43	7.38



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.79	15.79	1.83	3.34
b4, hhhh(rg3[m/s])	-15.80	15.80	4.93	13.51
b2, hhhh(rg3[m/s])	-15.54	15.76	-1.64	1.65