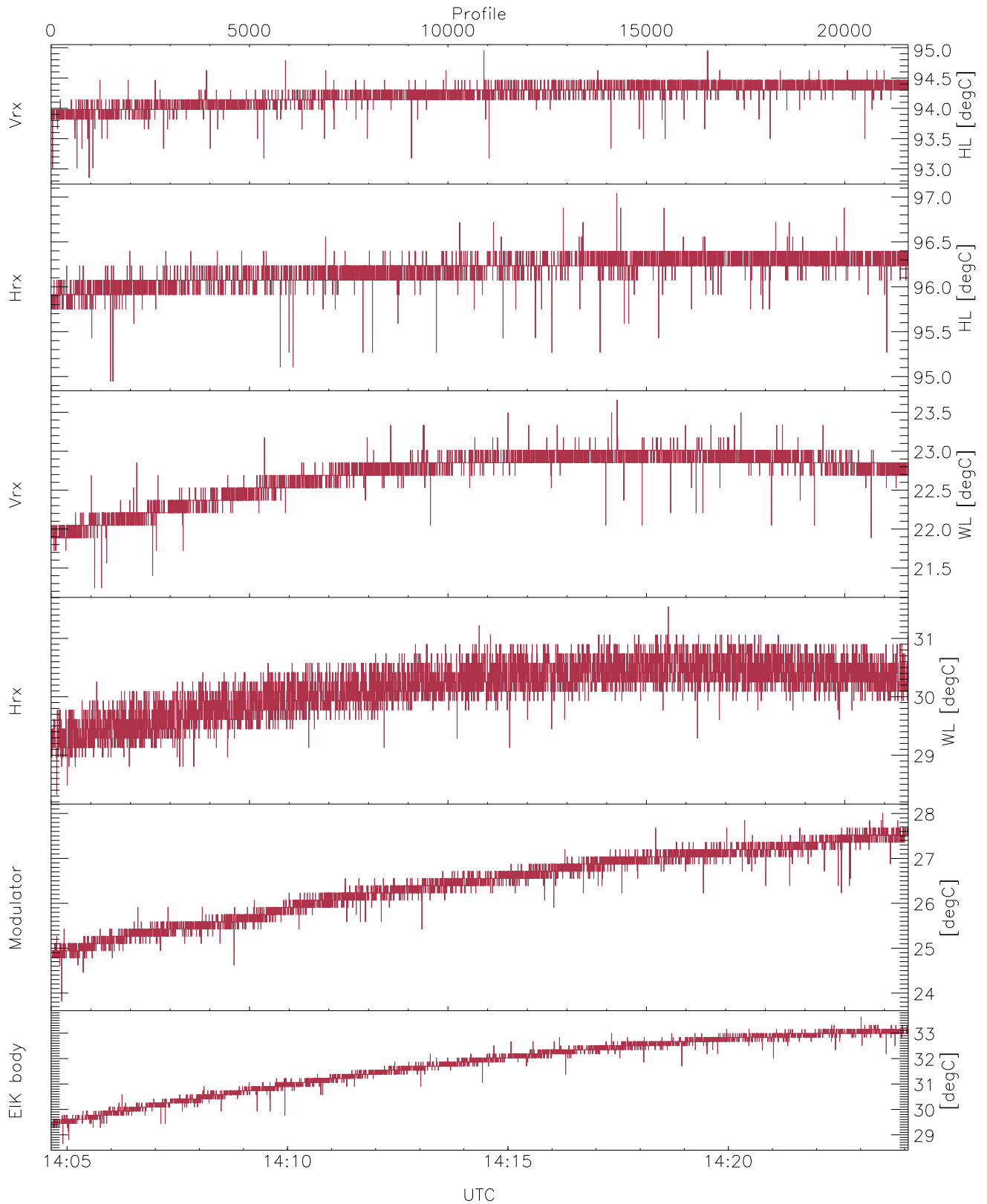


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

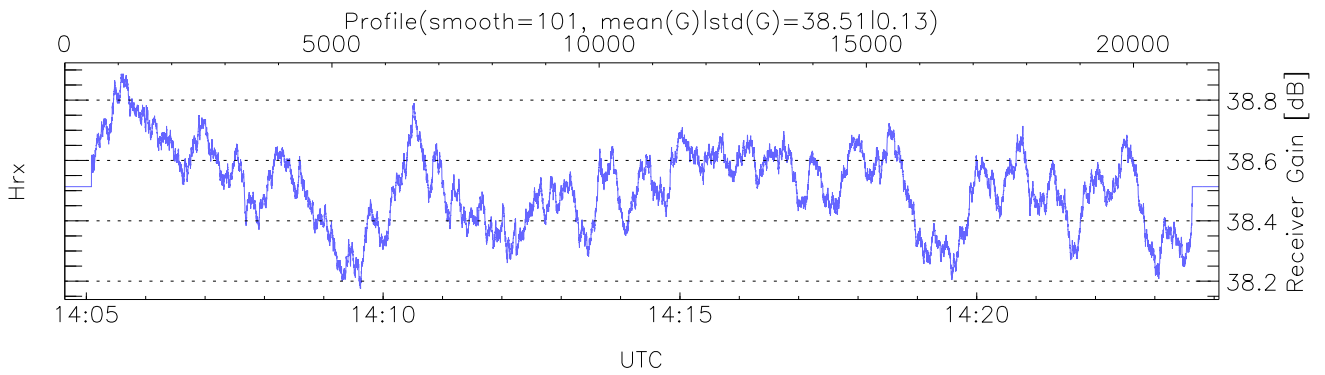
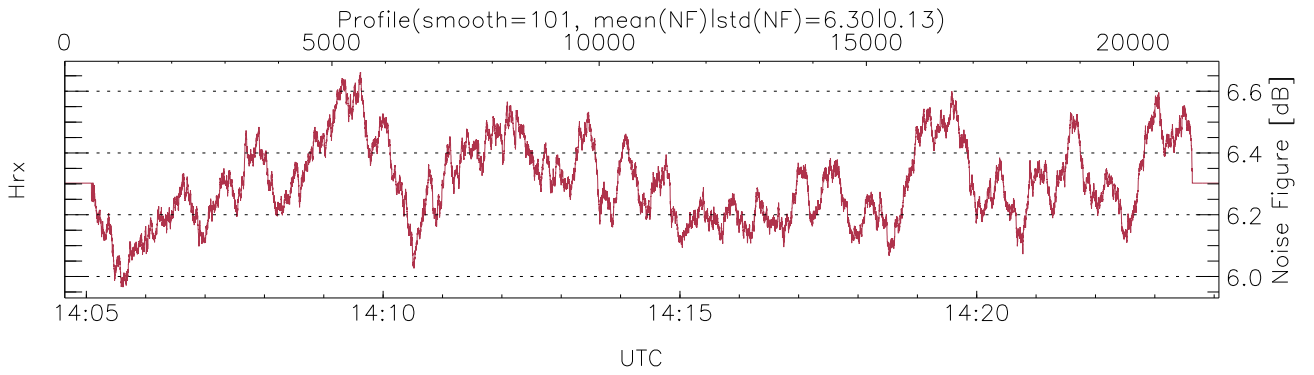
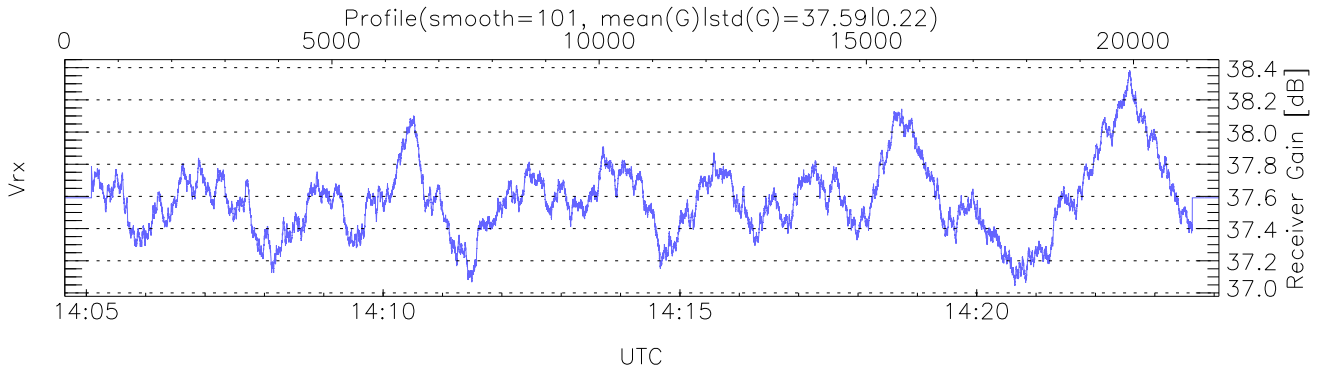
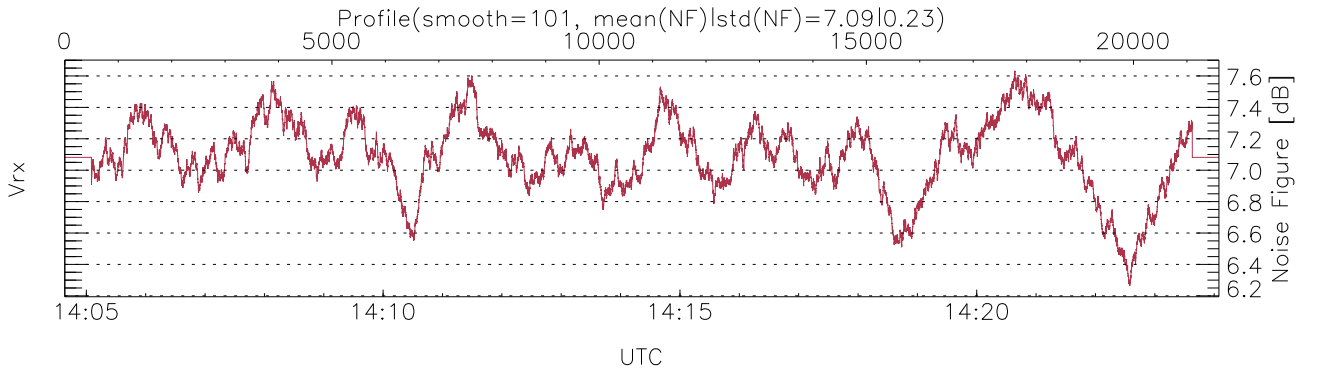
UTC: 14:04:38-14:43:08, Dur: 2309.94s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 54.0,54.0,54.0,0.0 ms / 19,19,19
 NumRec(r/t): 21600/42767, 0-21599/14:04:38-14:24:05
 AcqTime: 54.0ms, Rate: 287KB/s, Averages: 180
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us
 Range(min,max,rgs): 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

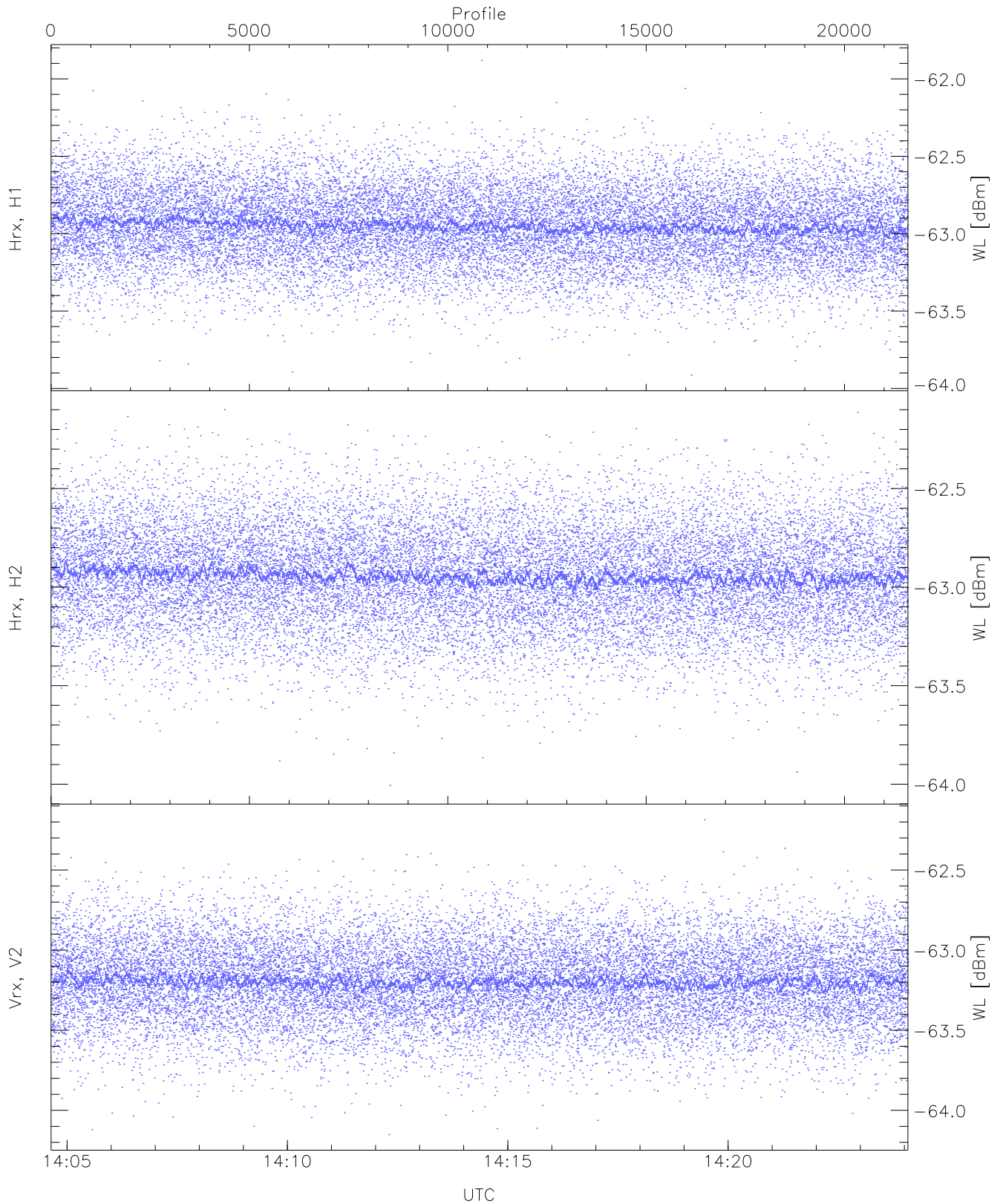
```

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,21,28,23,28
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,97,23,31,28,33
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (9,9,14,19,14,5)
    
```



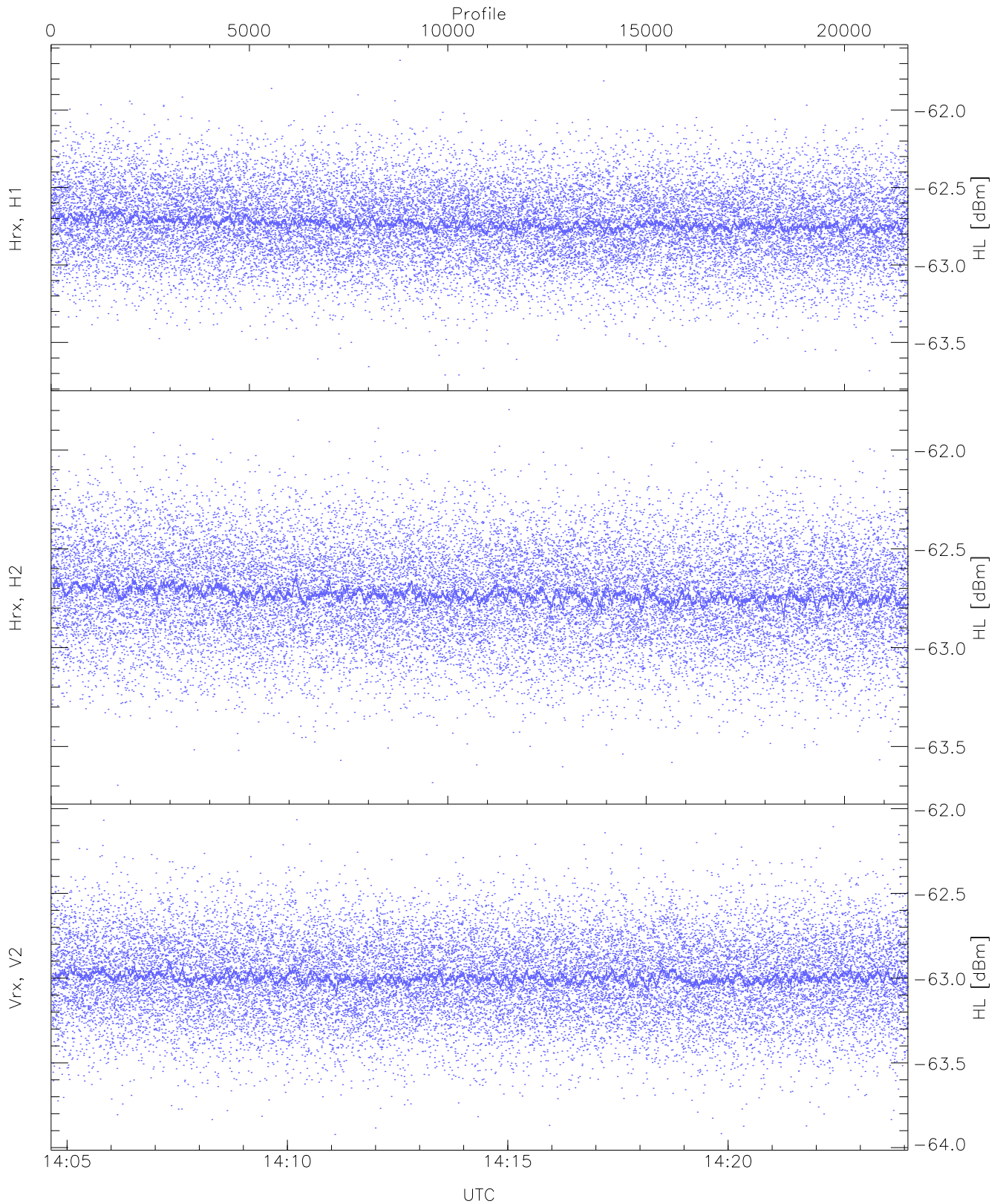
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 15 pixs, 4 gates, 15 profs, 1 prods



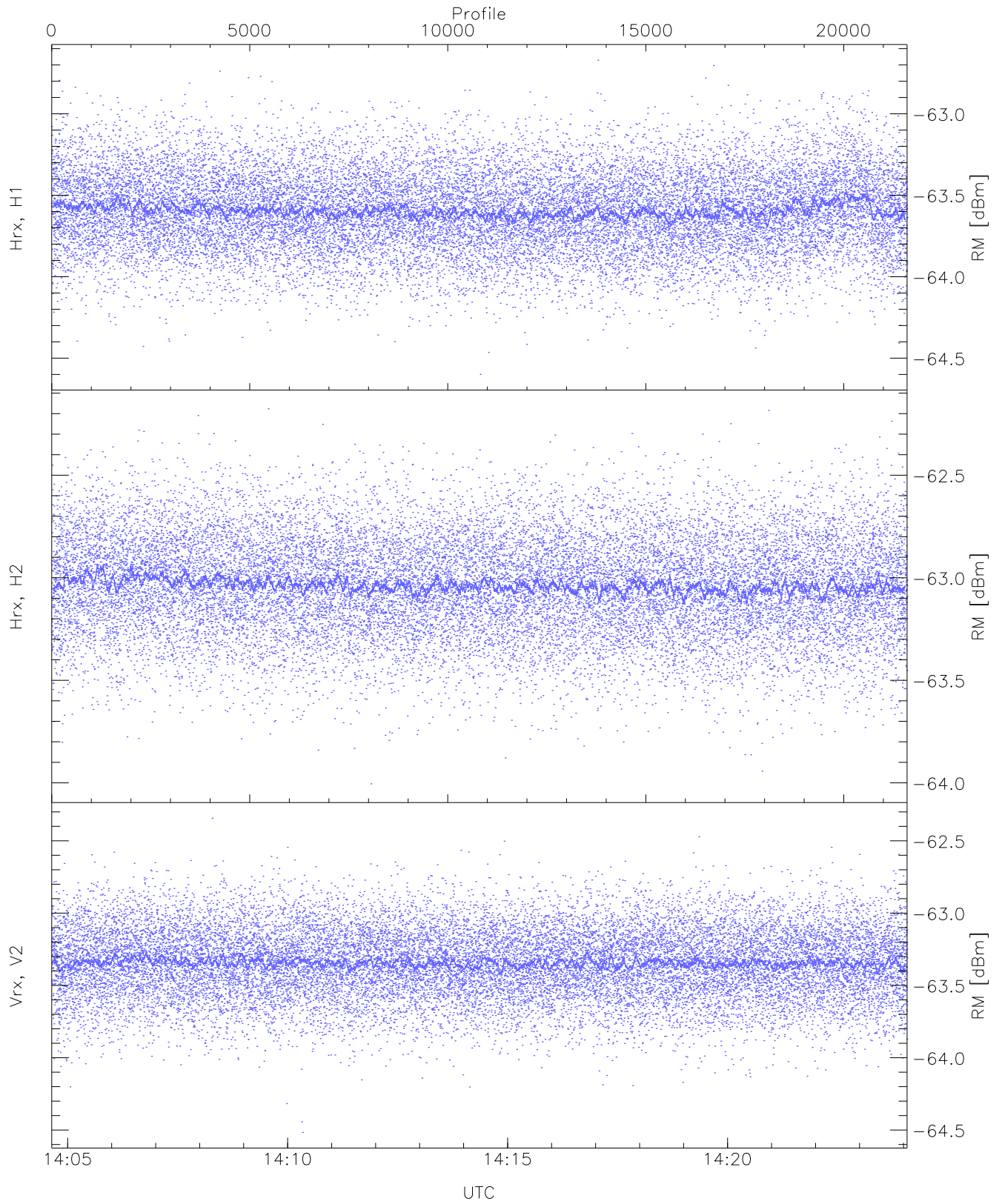
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-63.91	-61.88	-62.95	-62.95	-75.66
Hrx, H2 (WL [dBm])	-64.01	-62.10	-62.94	-62.95	-75.63
Vrx, V2 (WL [dBm])	-64.15	-62.19	-63.19	-63.20	-75.89



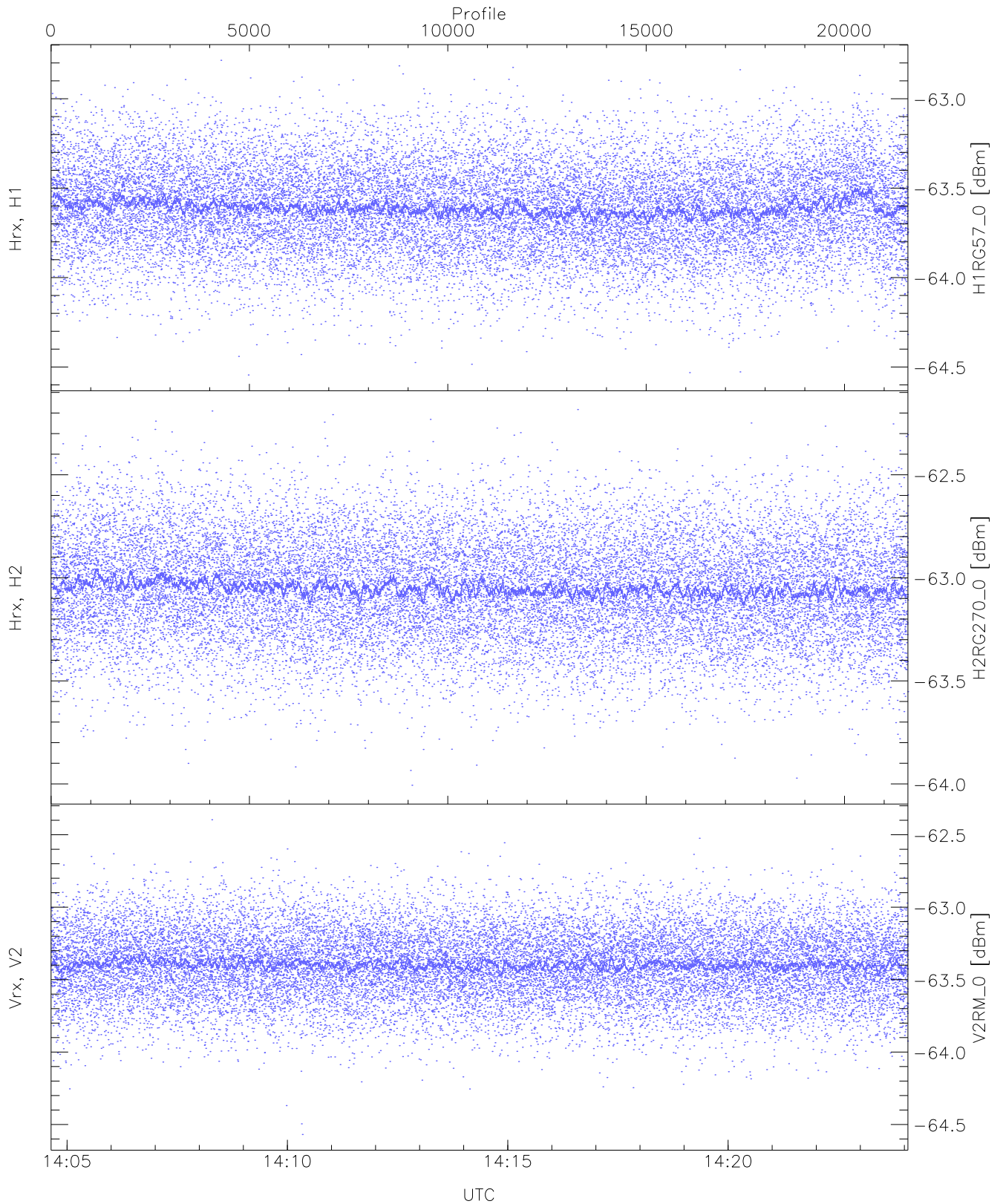
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.71	-61.68	-62.73	-62.73	-75.40
Hrx, H2 (HL [dBm])	-63.70	-61.80	-62.73	-62.73	-75.42
Vrx, V2 (HL [dBm])	-63.92	-62.07	-62.99	-63.00	-75.66



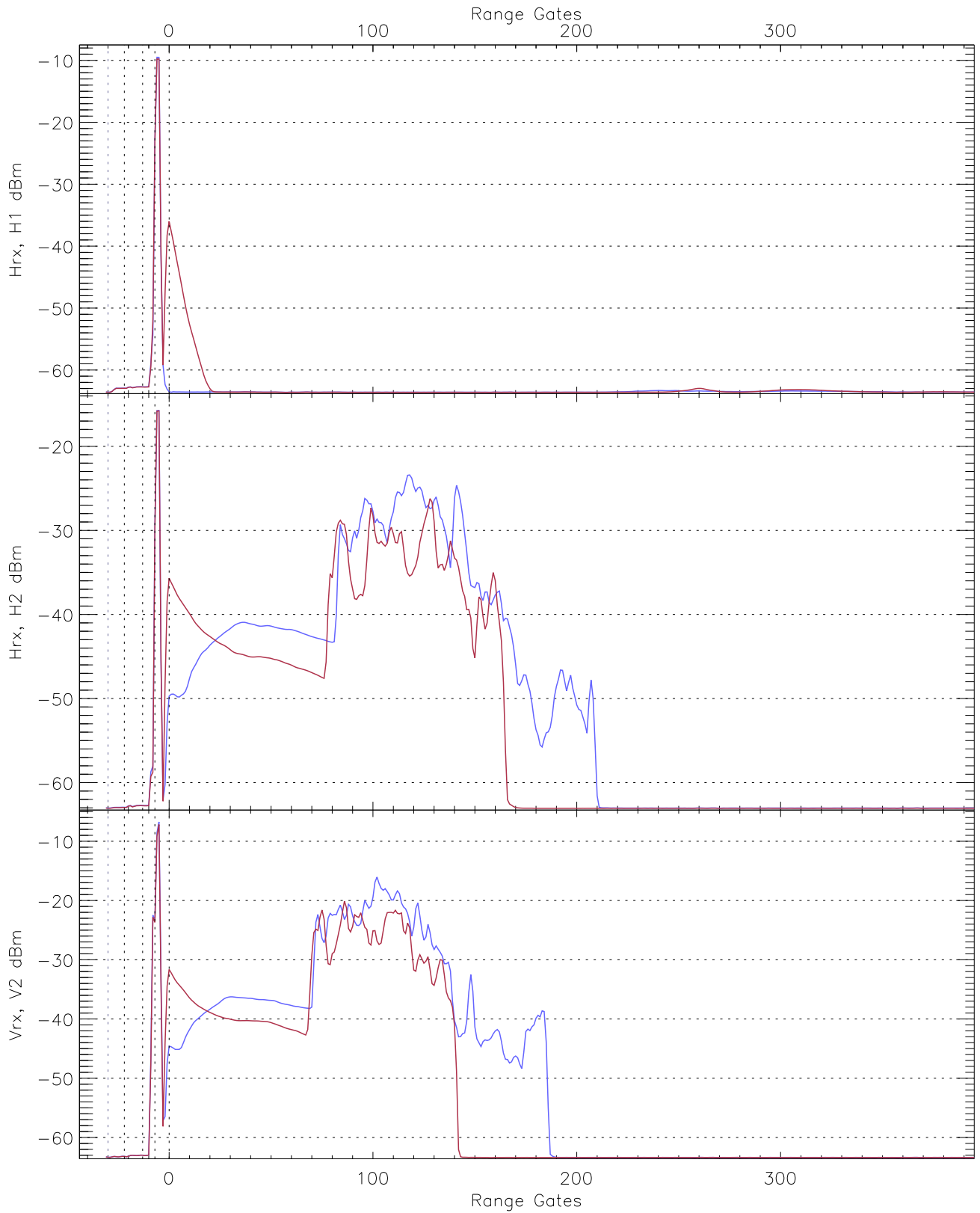
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.60	-62.67	-63.59	-63.60	-76.27
Hrx, H2 (RM [dBm])	-64.00	-62.18	-63.03	-63.04	-75.78
Vrx, V2 (RM [dBm])	-64.52	-62.34	-63.34	-63.34	-76.06

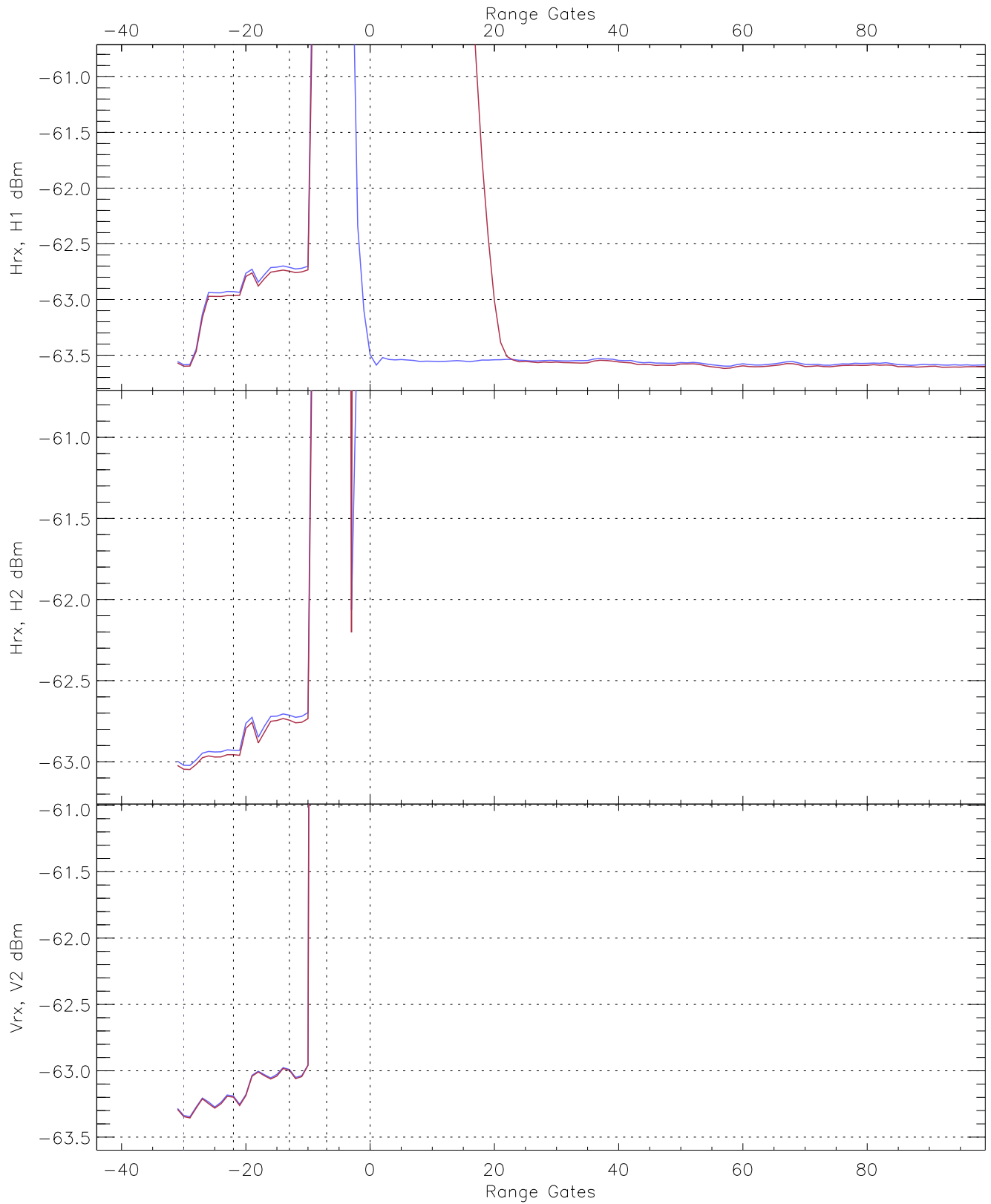


WCR2 CPP "Best" estimate Receivers Noise Power

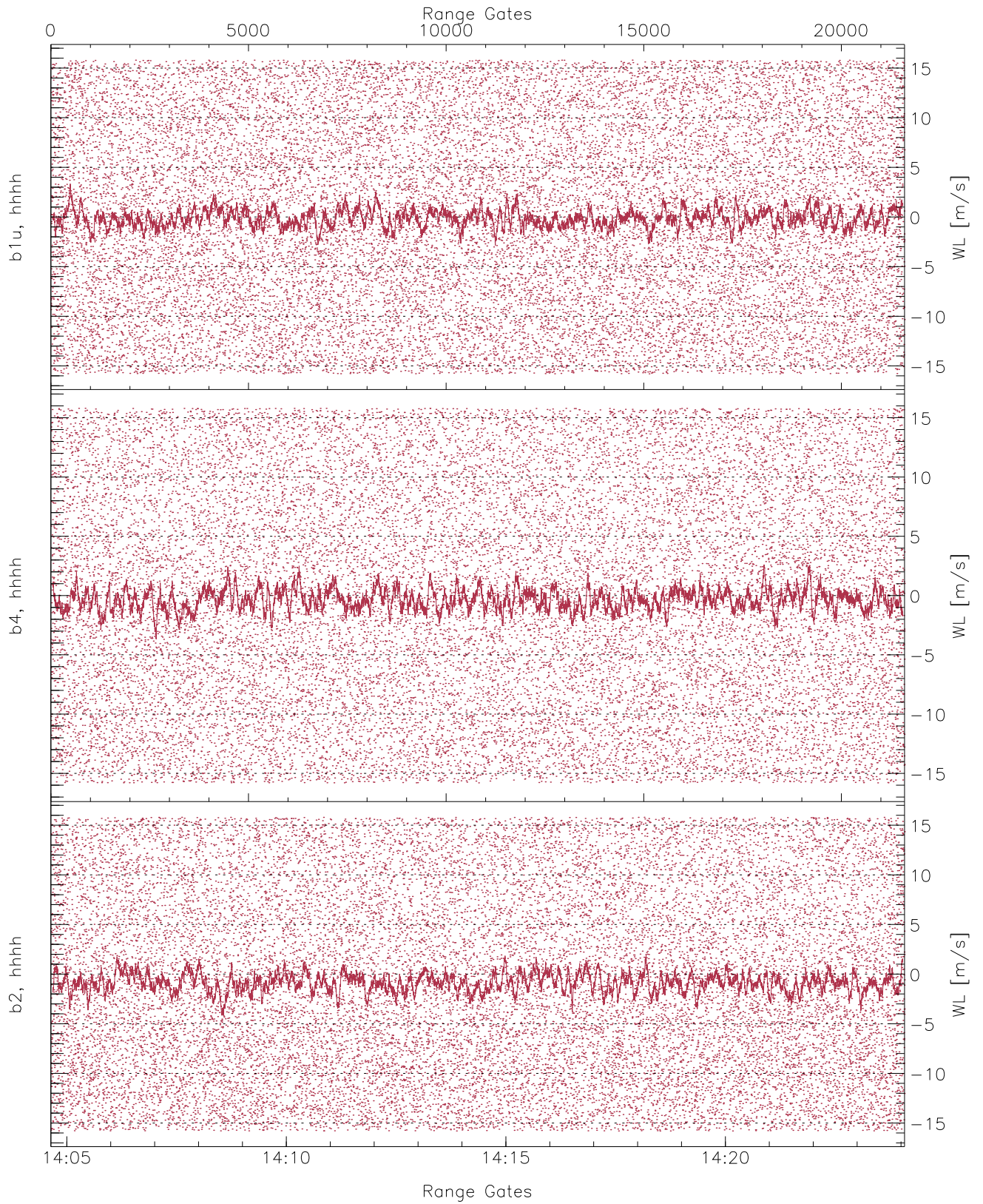
	Min	Max	Mean	Median	StDev
H1RG57_0 [dBm]	-64.54	-62.79	-63.61	-63.61	-76.30
H2RG270_0 [dBm]	-64.01	-62.18	-63.05	-63.05	-75.75
V2RM_0 [dBm]	-64.57	-62.40	-63.39	-63.40	-76.12



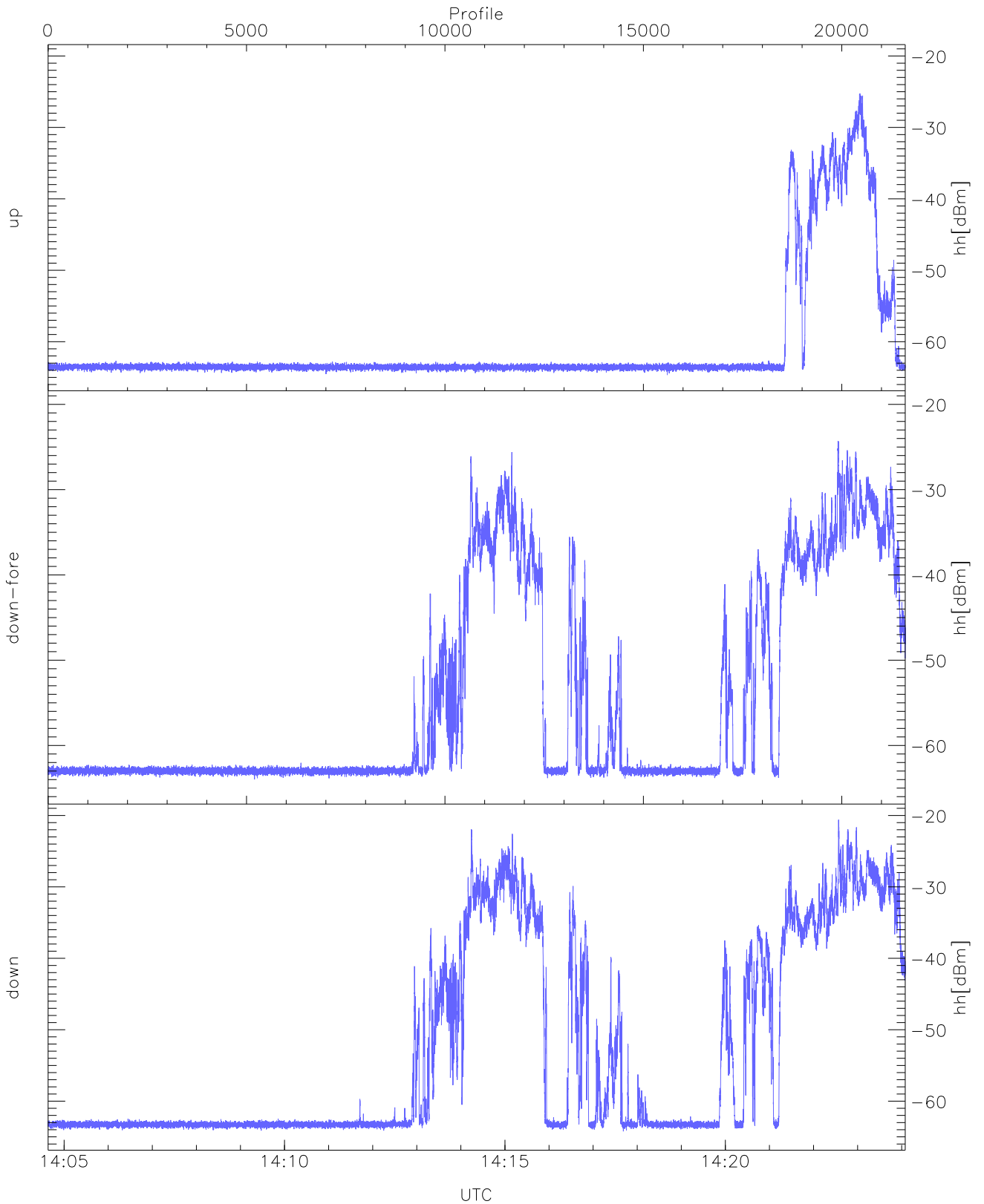
WCR2 CPP Averaged Received power for all recorded gates
blue: 140438-141422, 10801 profiles averaged
red: 141422-142405, 10800 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 140438-141422, 10801 profiles averaged
red: 141422-142405, 10800 profiles averaged

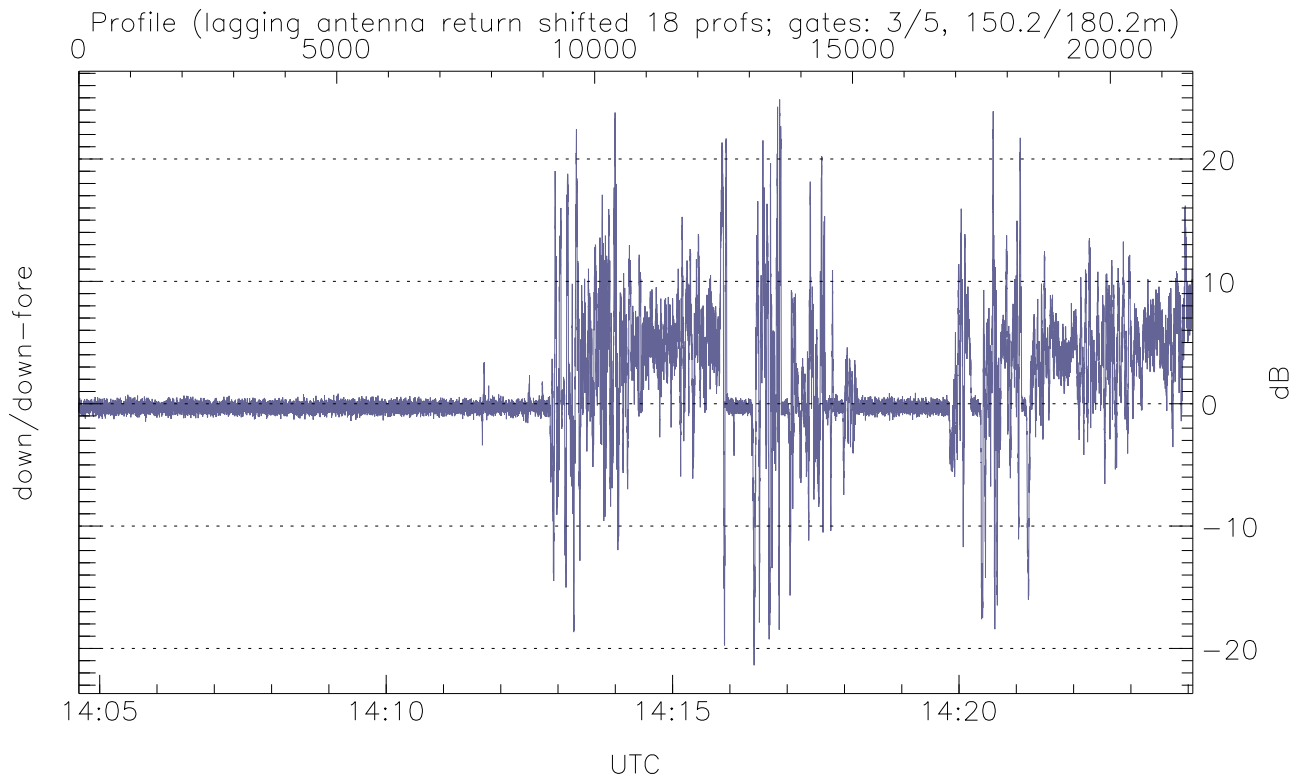
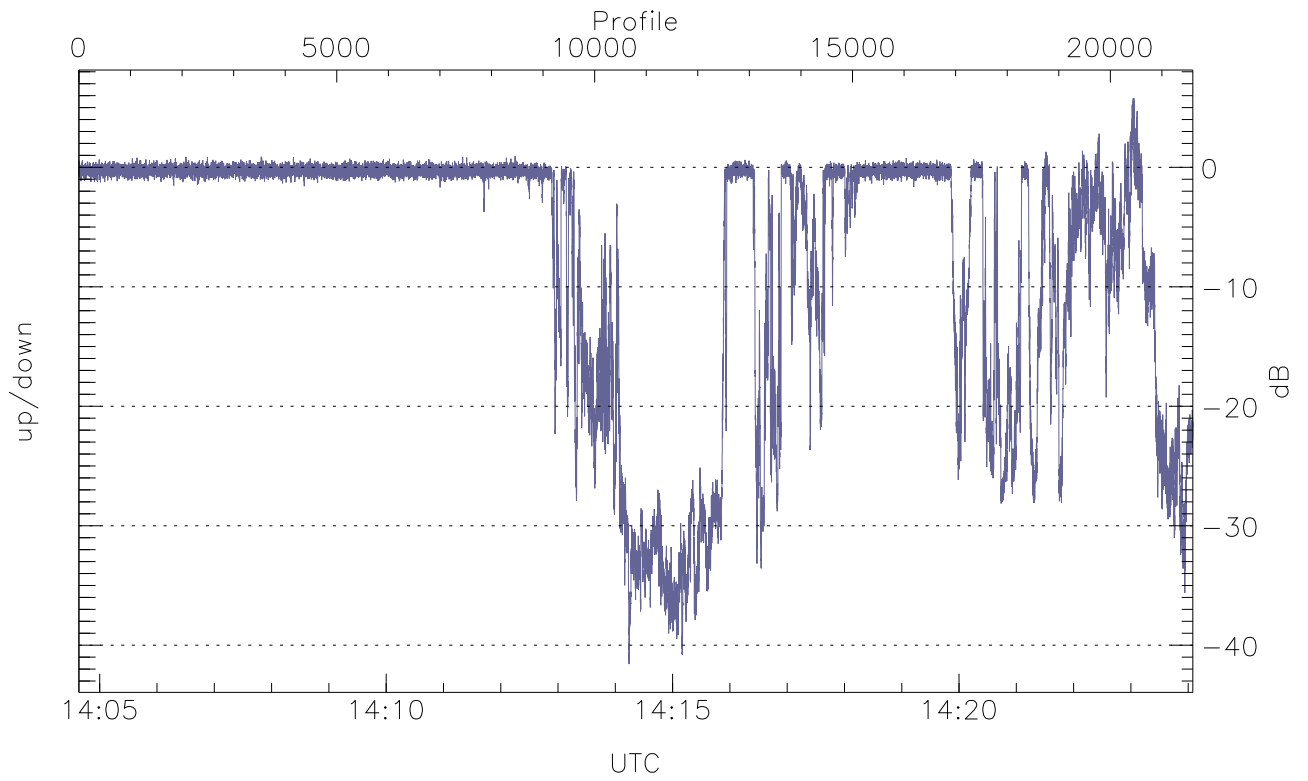


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



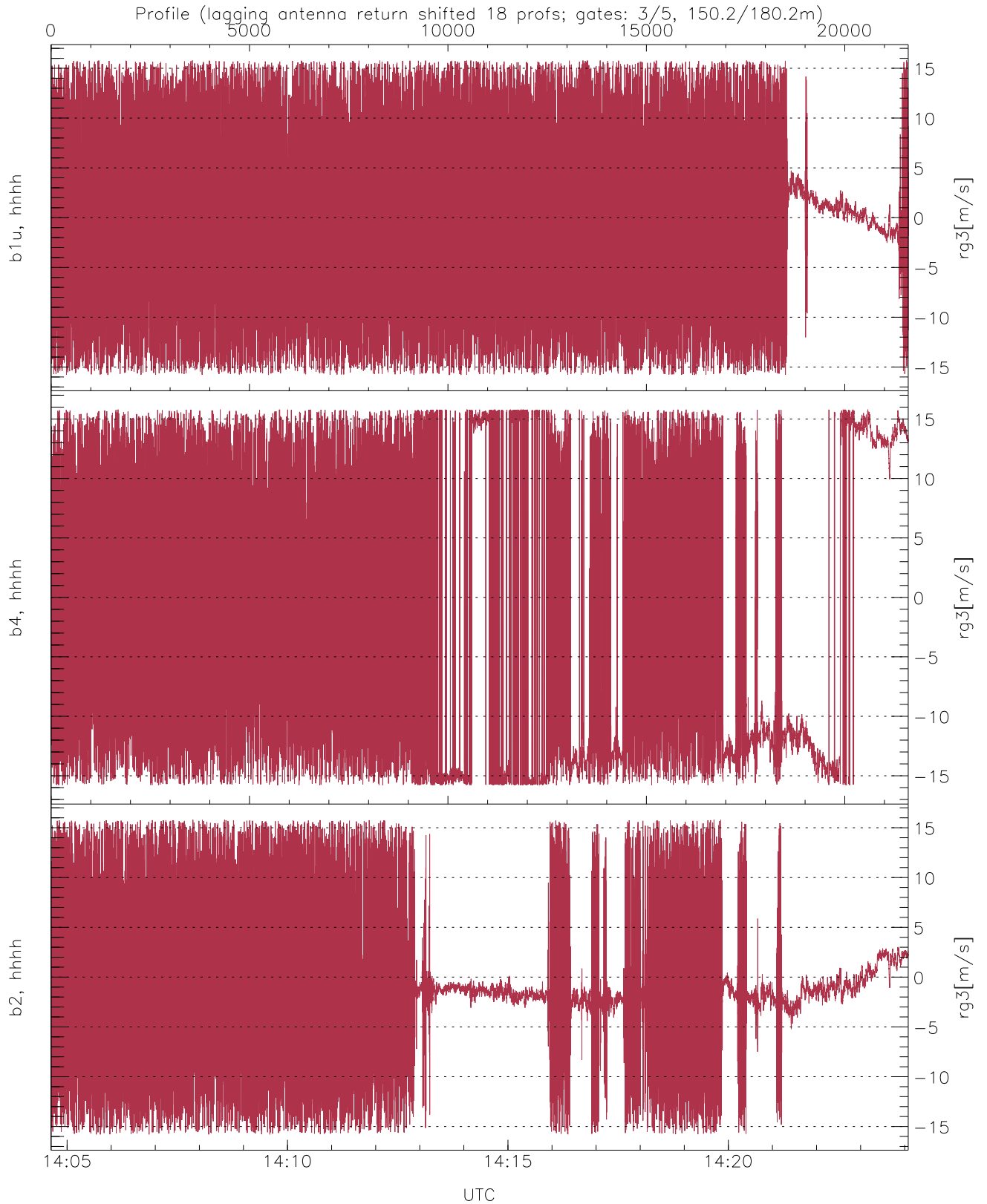
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-64.66	-25.24	-43.93
down-fore(hh[dBm])	-63.98	-24.28	-39.96
down(hh[dBm])	-64.23	-20.60	-36.15



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

	Min	Max	Mean
up/down (dB)	-41.58	5.78	-7.39
down/down-fore (dB)	-21.38	24.86	1.37



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.80	15.80	-0.19	8.41
b4, hhhh(rg3[m/s])	-15.80	15.80	-1.38	11.20
b2, hhhh(rg3[m/s])	-15.80	15.79	-0.87	6.80