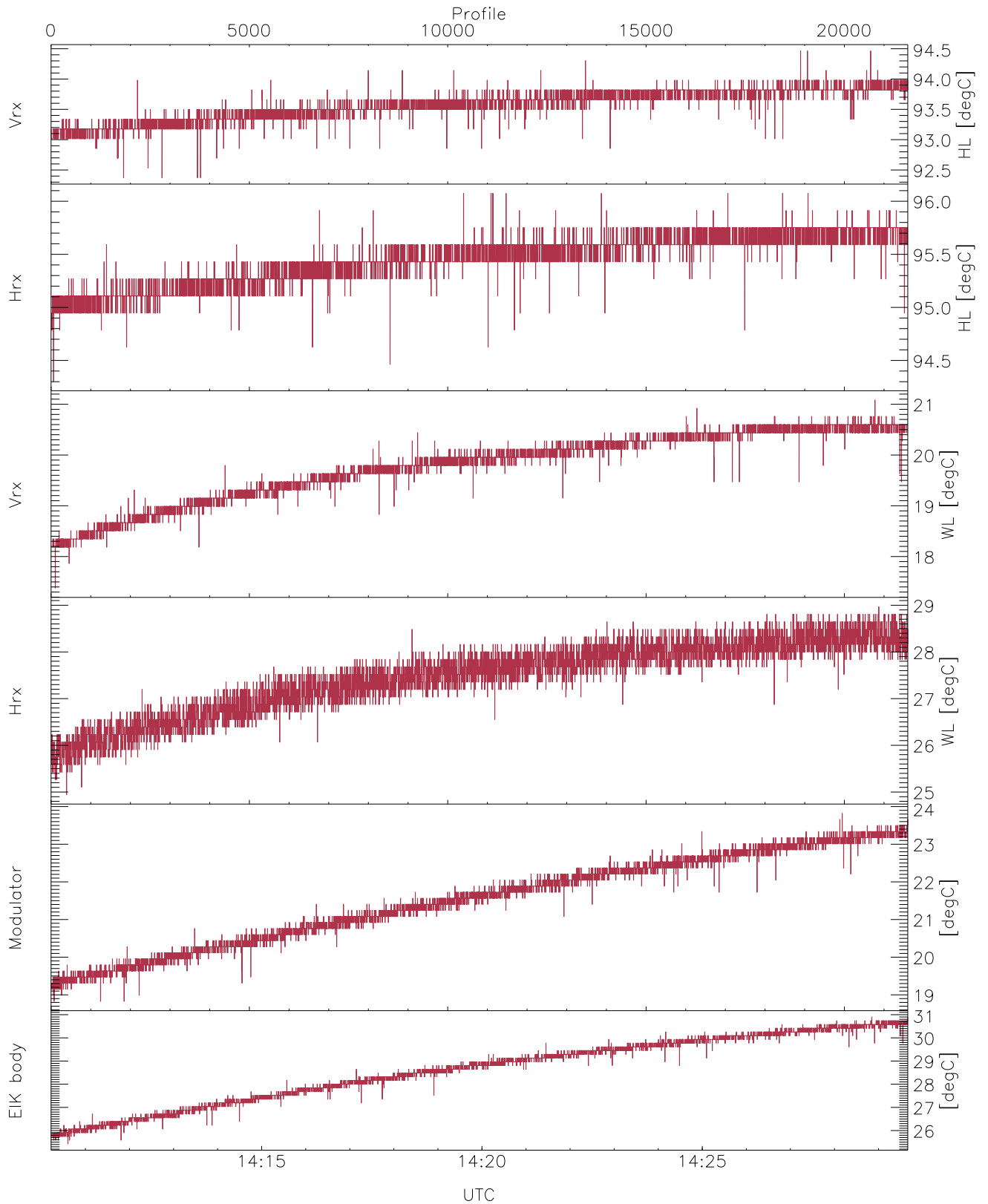


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

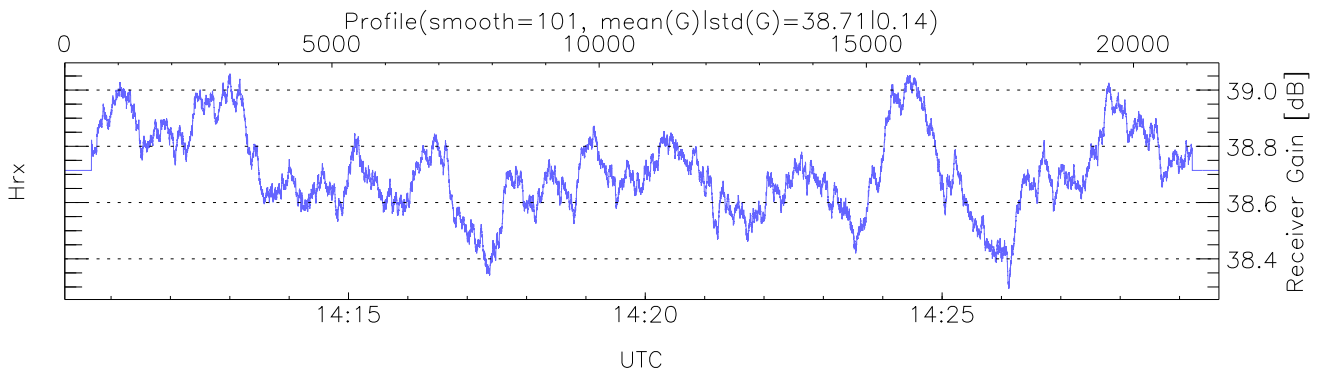
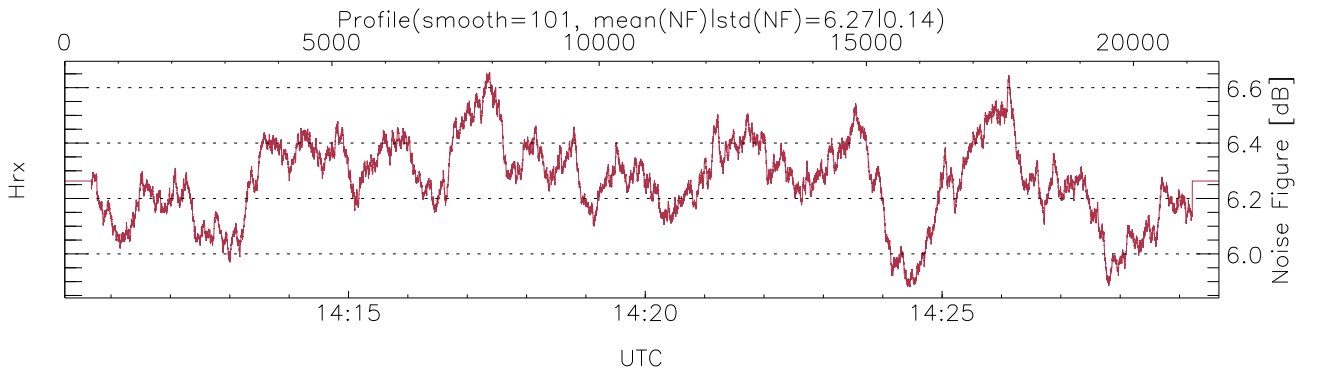
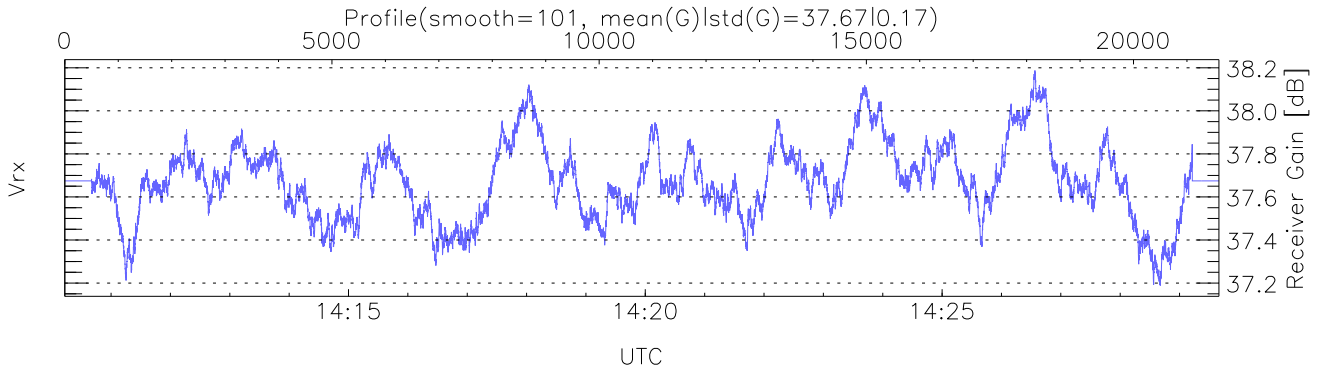
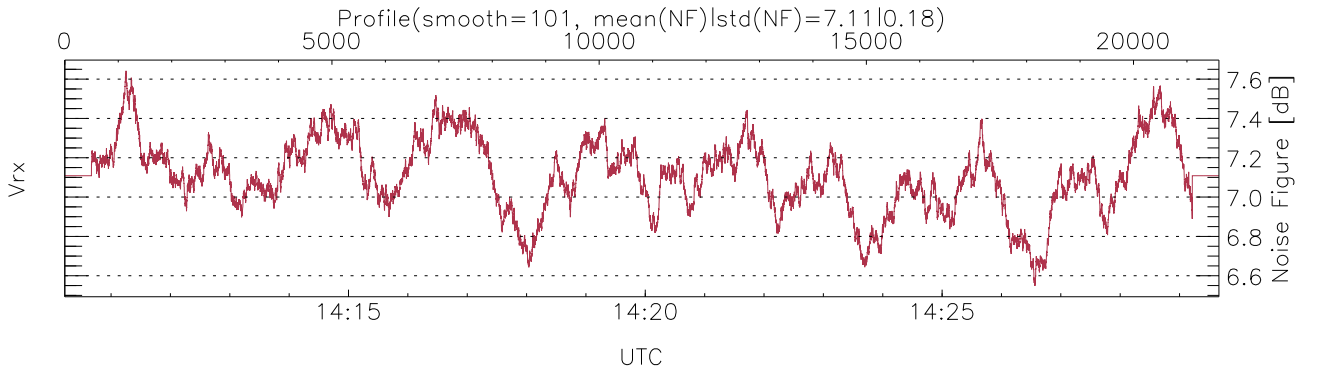
UTC: 14:10:13-14:52:42, Dur: 2549.17s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 54.0,54.0,54.0,0.0 ms / 19,19,19
 NumRec(r/t): 21600/47196, 0-21599/14:10:13-14:29:40
 AcqTime: 54.0ms, Rate: 287KB/s, Averages: 180
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 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

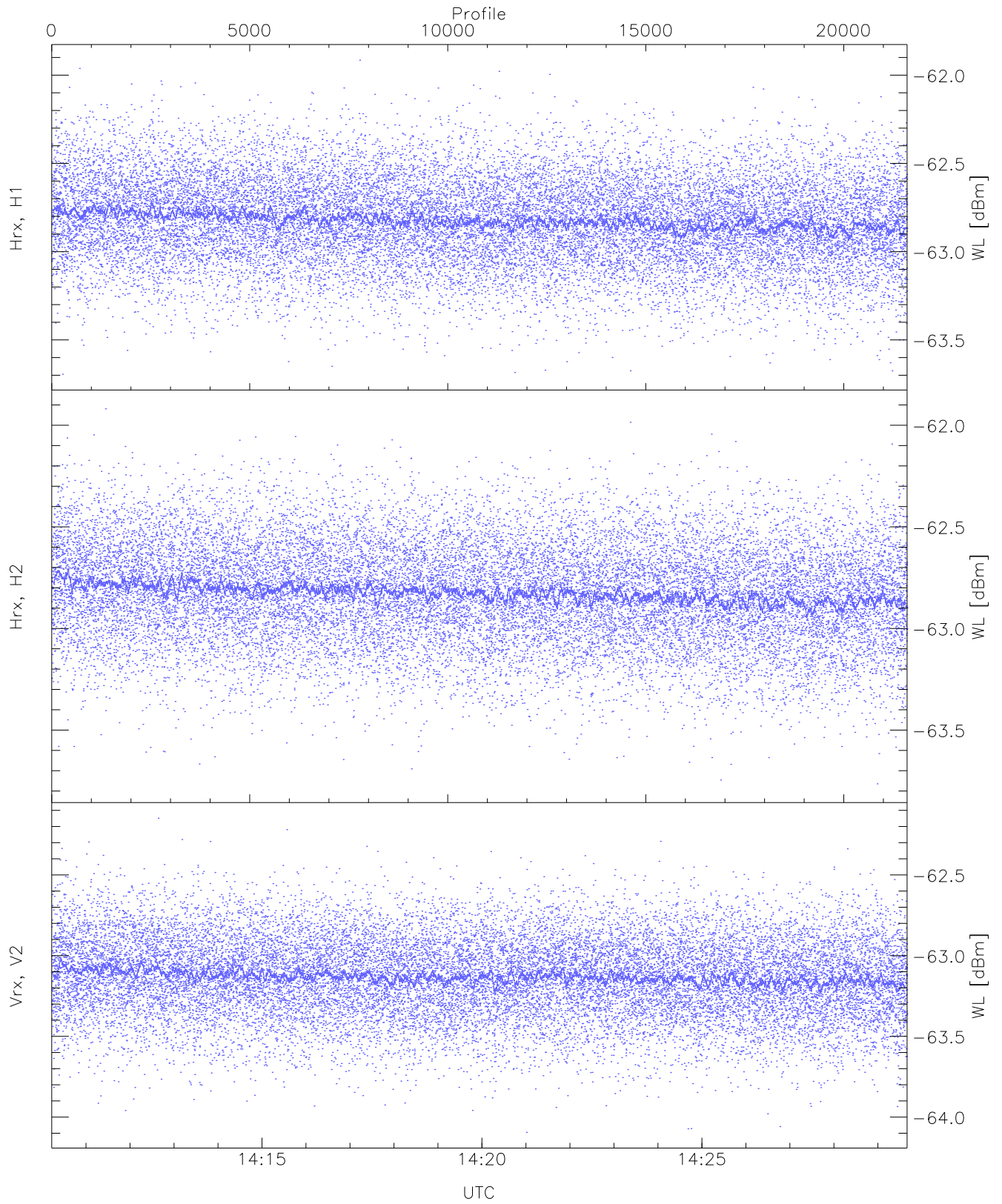
```

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,17,24,18,25
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,21,28,23,30
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
  DeckT, CollT, BodyCurr, DeckF, OverDuty, HVPS (5,5,15,15,15,5)
    
```



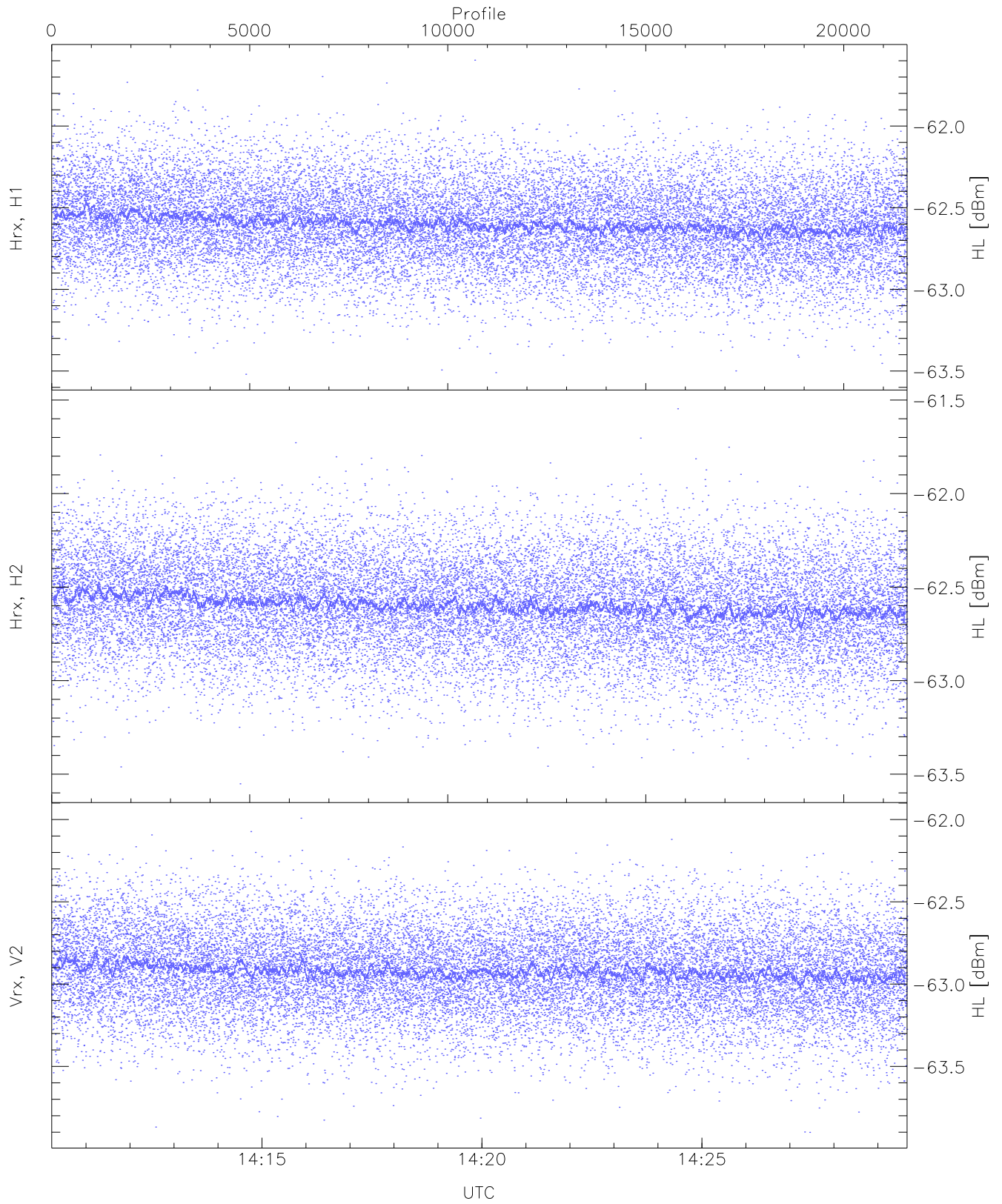
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 3403 pixs, 61 gates, 3310 profs, 2 prods



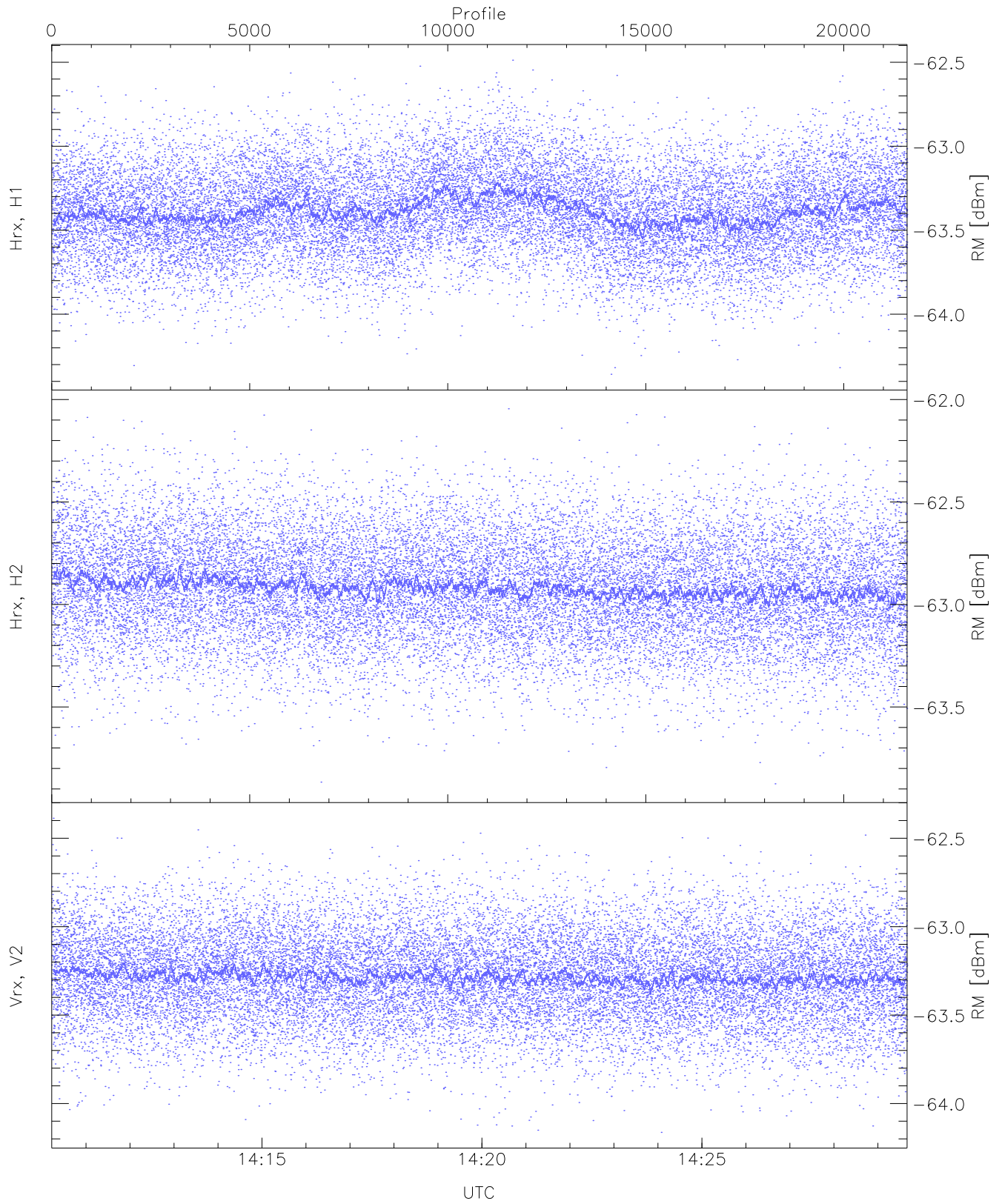
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-63.69	-61.92	-62.82	-62.82	-75.50
Hrx, H2 (WL [dBm])	-63.76	-61.92	-62.82	-62.82	-75.50
Vrx, V2 (WL [dBm])	-64.09	-62.15	-63.13	-63.13	-75.79



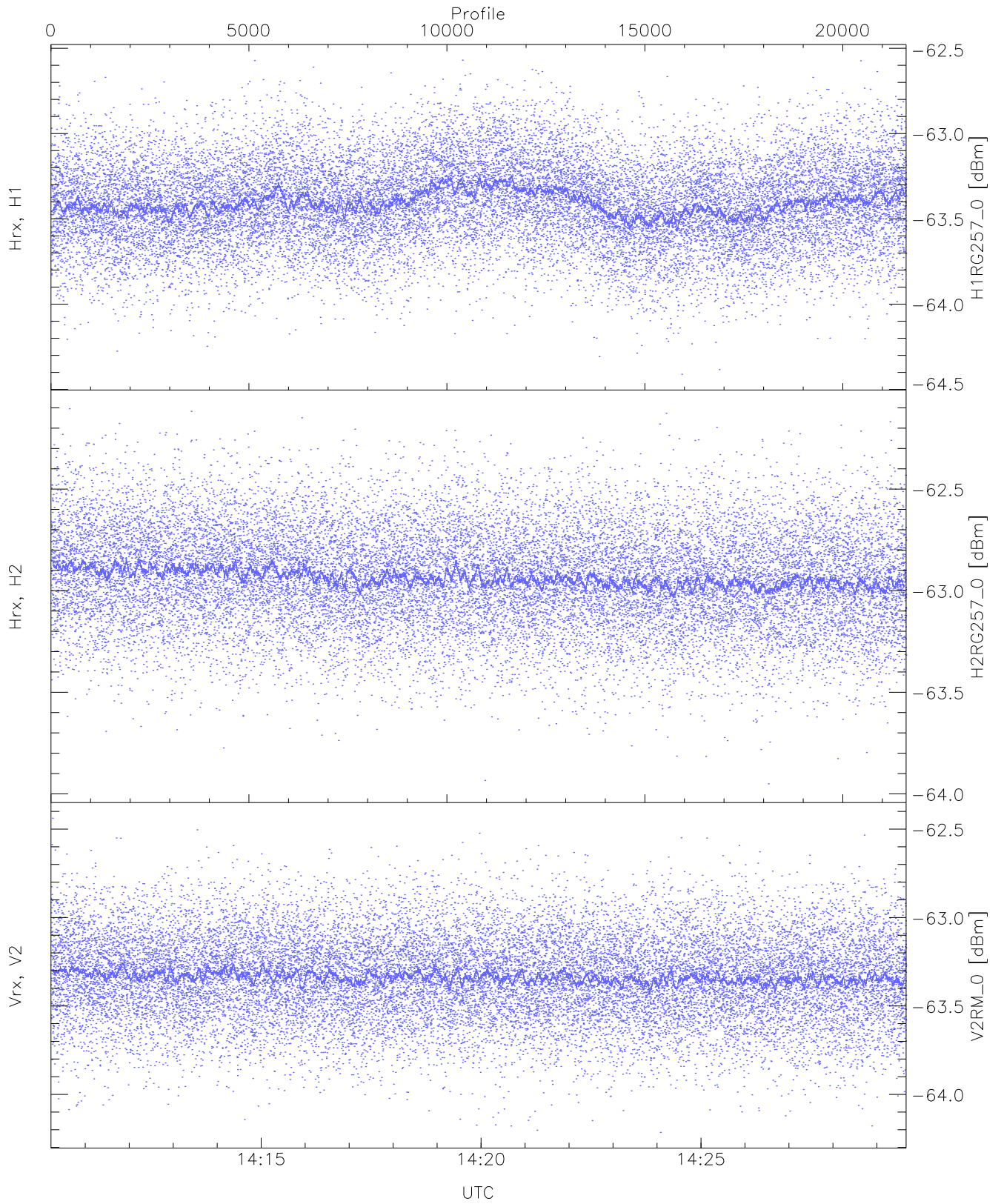
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.52	-61.60	-62.60	-62.60	-75.26
Hrx, H2 (HL [dBm])	-63.55	-61.55	-62.59	-62.60	-75.27
Vrx, V2 (HL [dBm])	-63.90	-61.99	-62.92	-62.92	-75.59



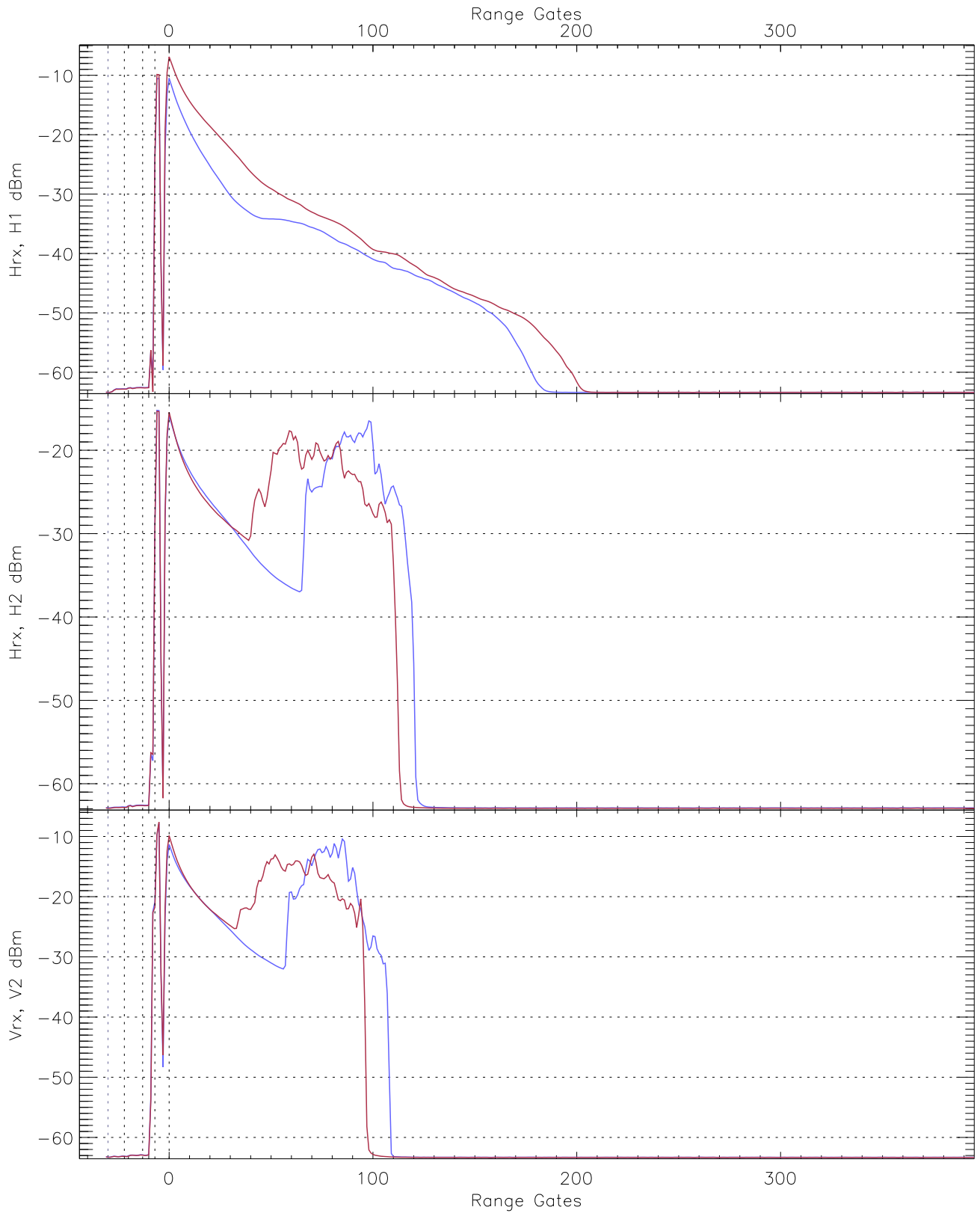
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.36	-62.49	-63.39	-63.39	-75.94
Hrx, H2 (RM [dBm])	-63.88	-62.05	-62.92	-62.92	-75.59
Vrx, V2 (RM [dBm])	-64.16	-62.39	-63.28	-63.28	-75.97

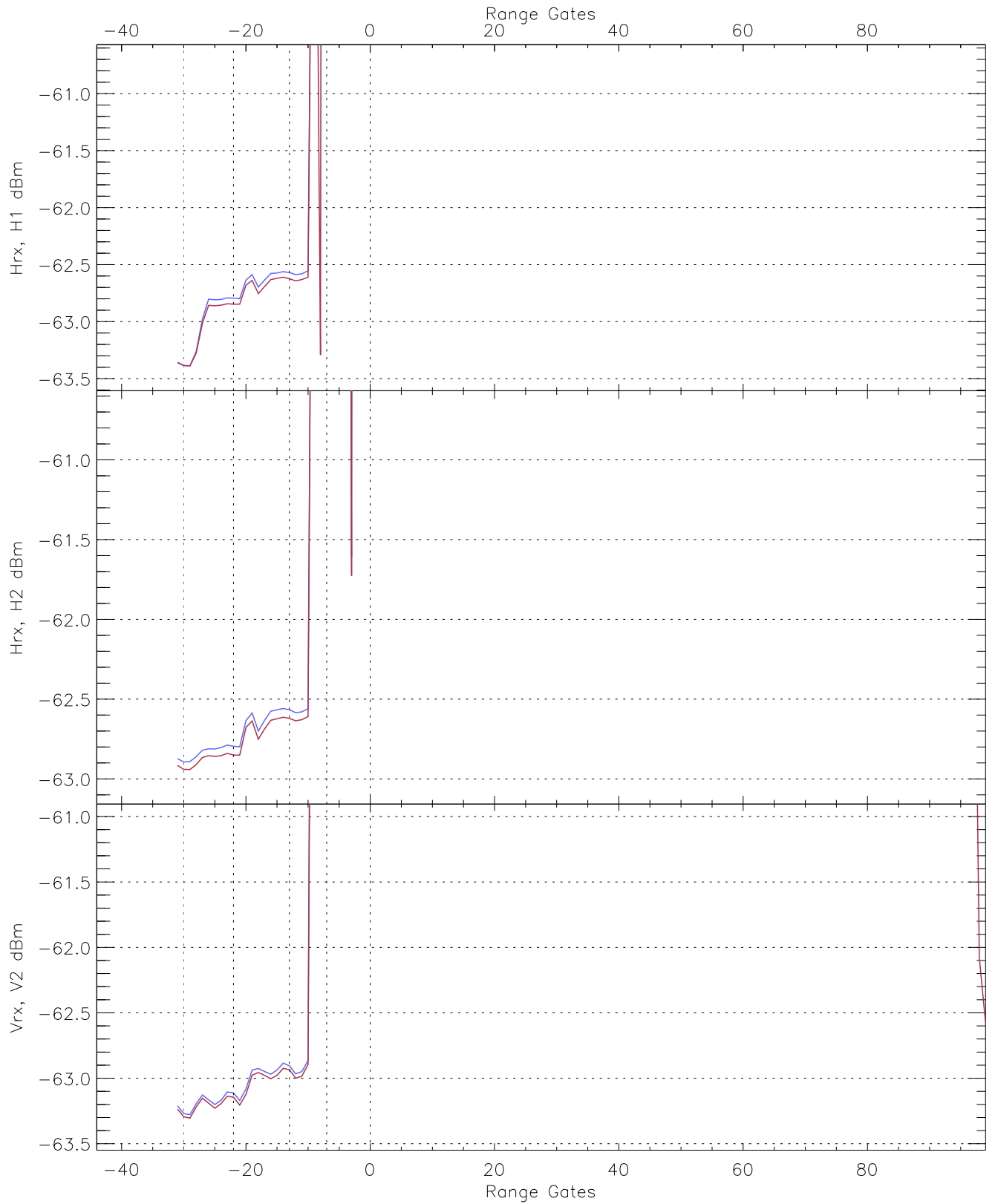


WCR2 CPP "Best" estimate Receivers Noise Power

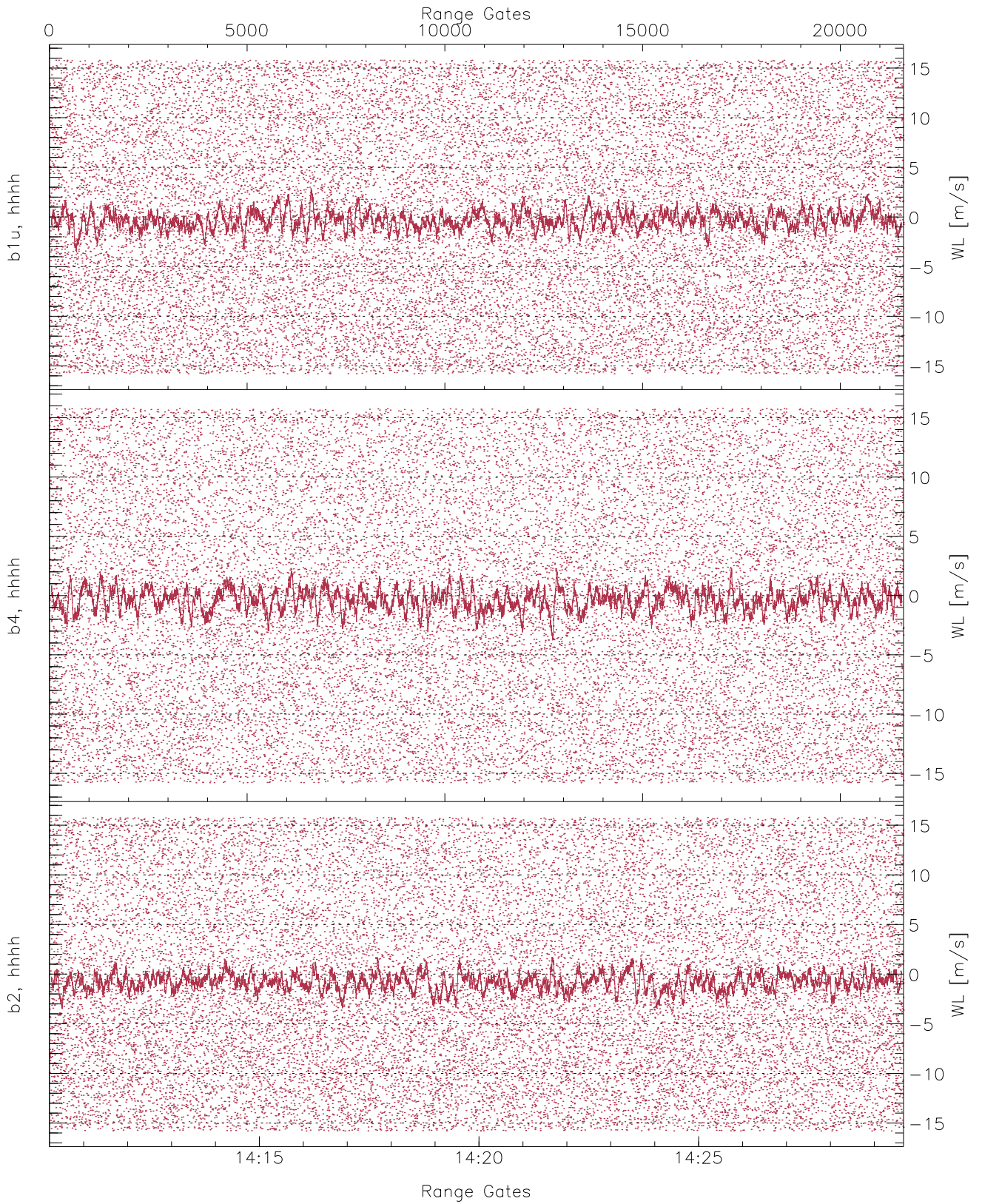
	Min	Max	Mean	Median	StDev
H1RG257_0 [dBm]	-64.41	-62.57	-63.40	-63.41	-75.97
H2RG257_0 [dBm]	-63.95	-62.10	-62.93	-62.94	-75.61
V2RM_0 [dBm]	-64.21	-62.44	-63.33	-63.34	-76.02



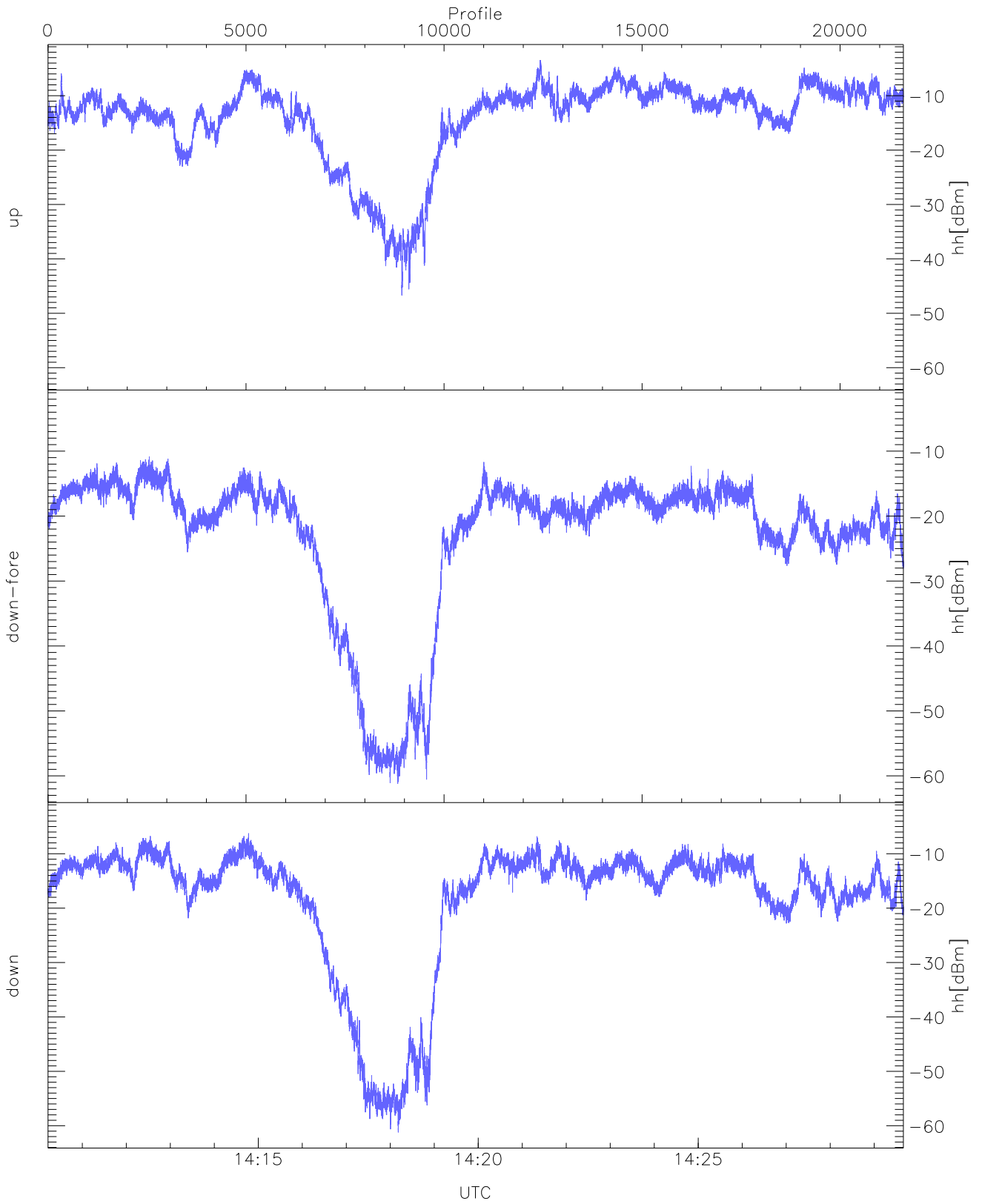
WCR2 CPP Averaged Received power for all recorded gates
blue: 141013-141957, 10801 profiles averaged
red: 141957-142940, 10800 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 141013-141957, 10801 profiles averaged
red: 141957-142940, 10800 profiles averaged

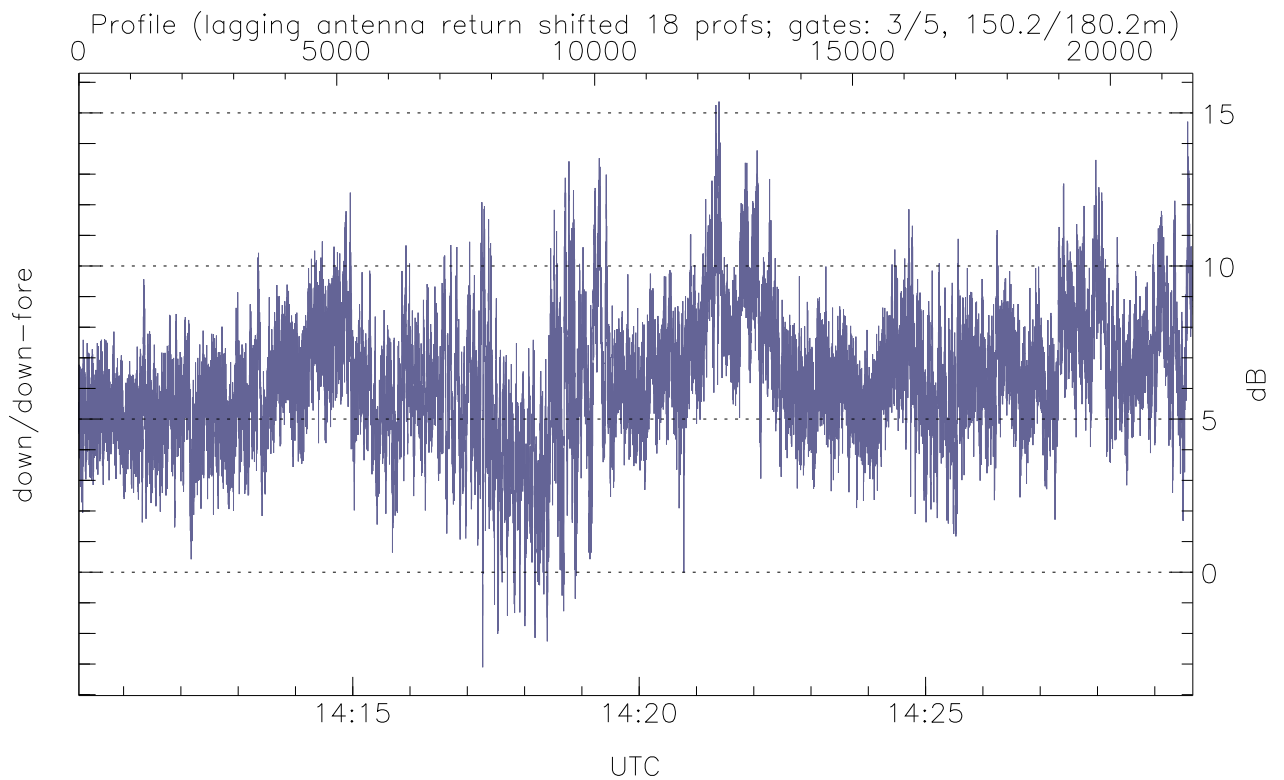
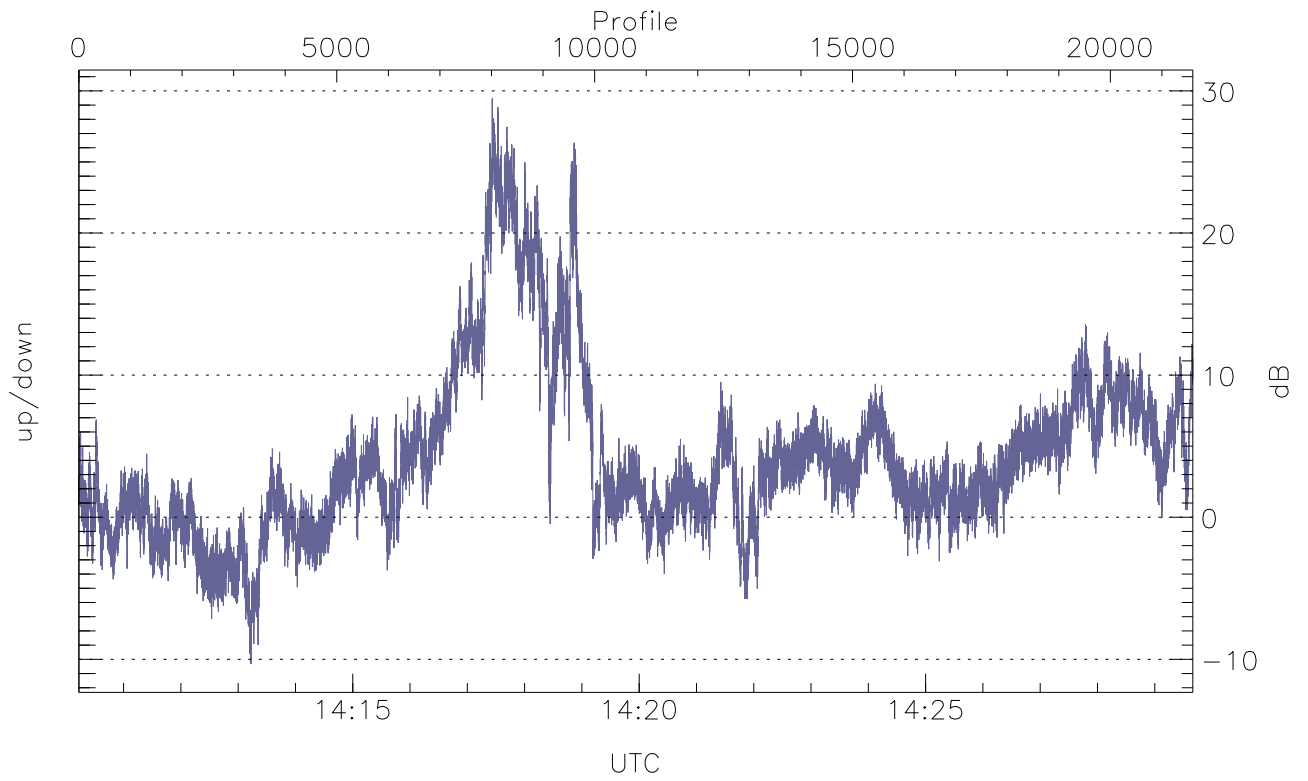


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



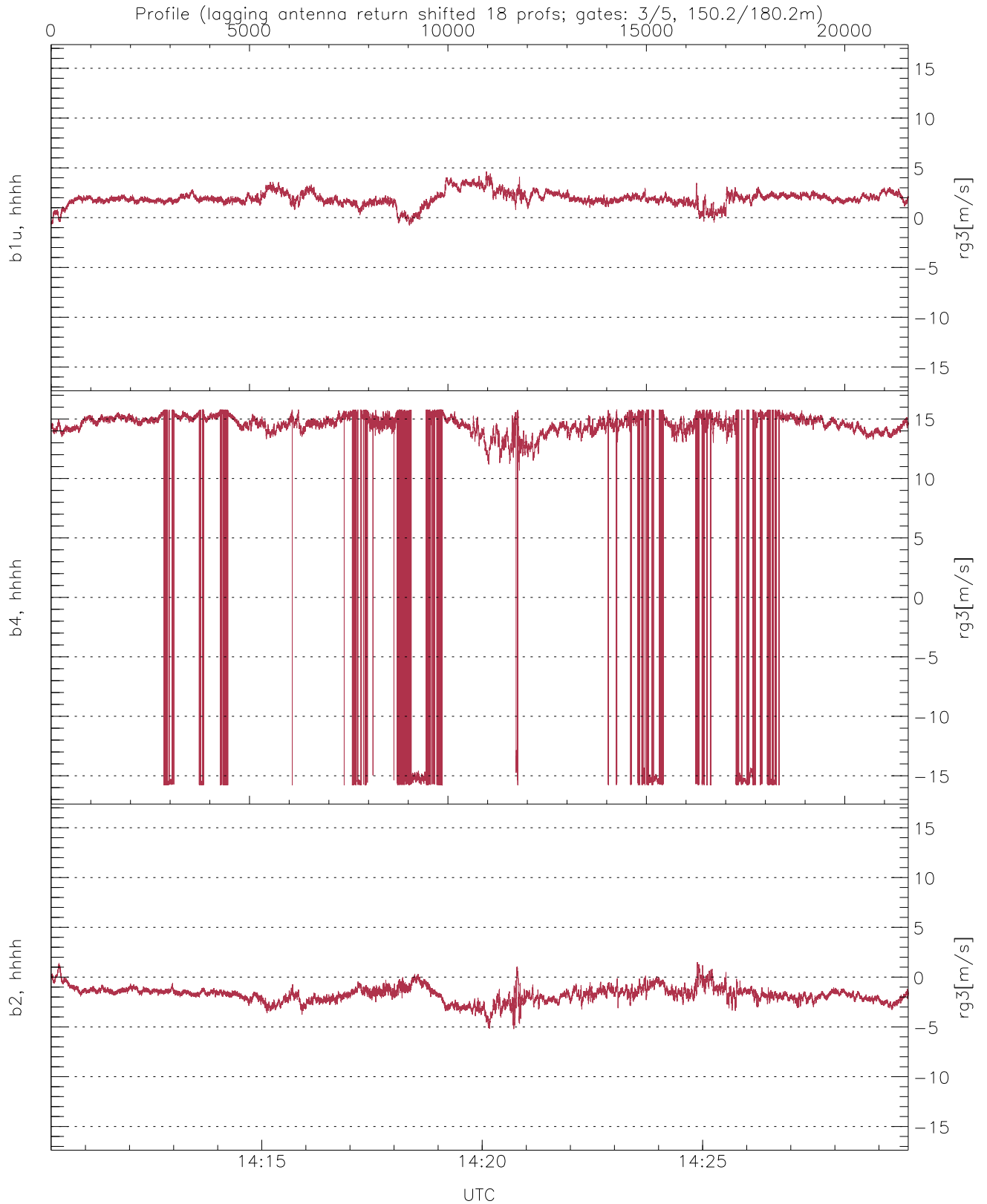
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-46.71	-3.47	-11.24
down-fore(hh[dBm])	-61.22	-10.84	-18.36
down(hh[dBm])	-61.22	-6.24	-13.58



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

	Min	Max	Mean
up/down (dB)	-10.33	29.48	4.17
down/down-fore (dB)	-3.11	15.37	6.27



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-0.79	4.64	1.91	0.71
b4, hhhh(rg3[m/s])	-15.80	15.80	11.57	9.05
b2, hhhh(rg3[m/s])	-5.21	1.51	-1.74	0.78