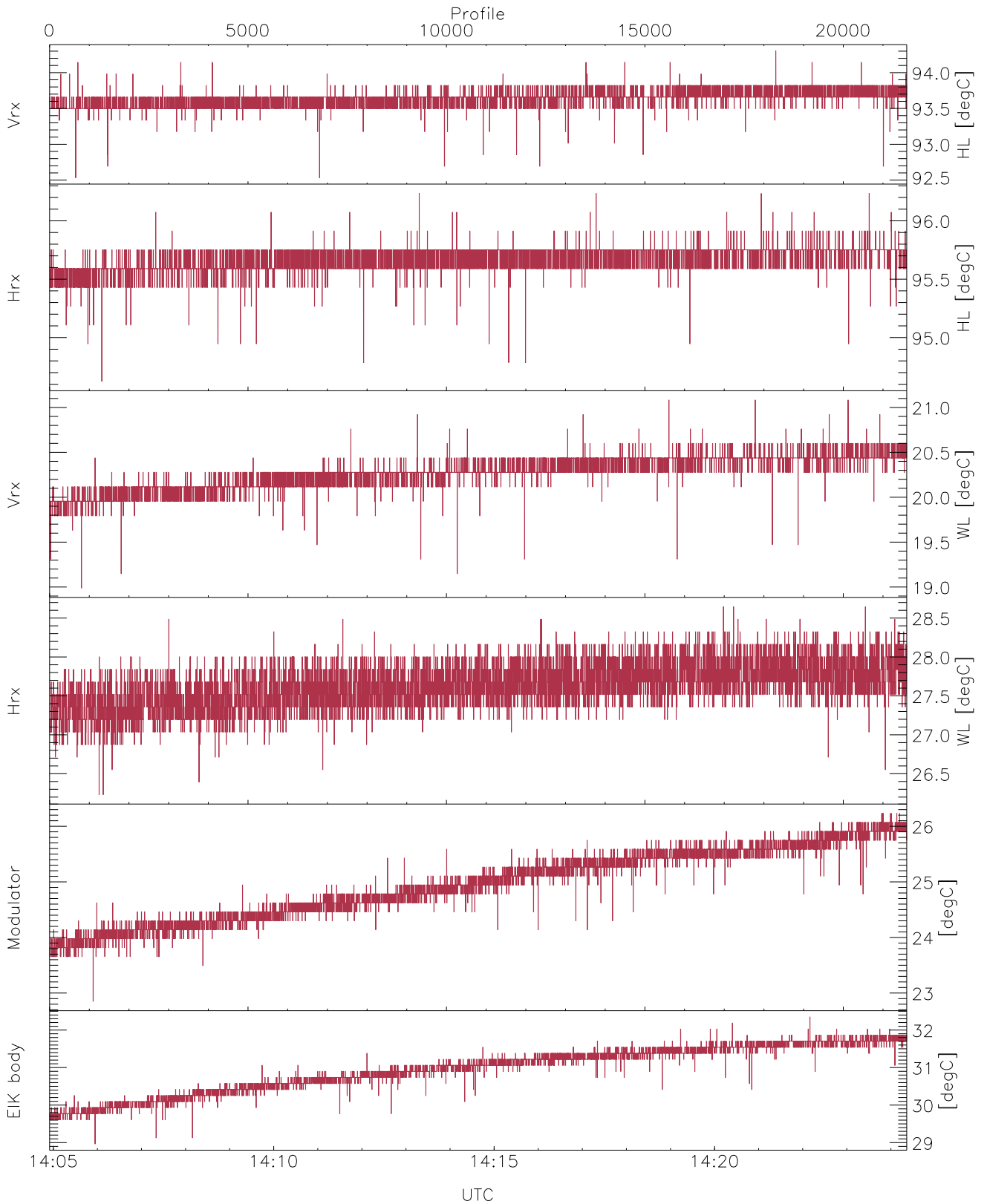


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

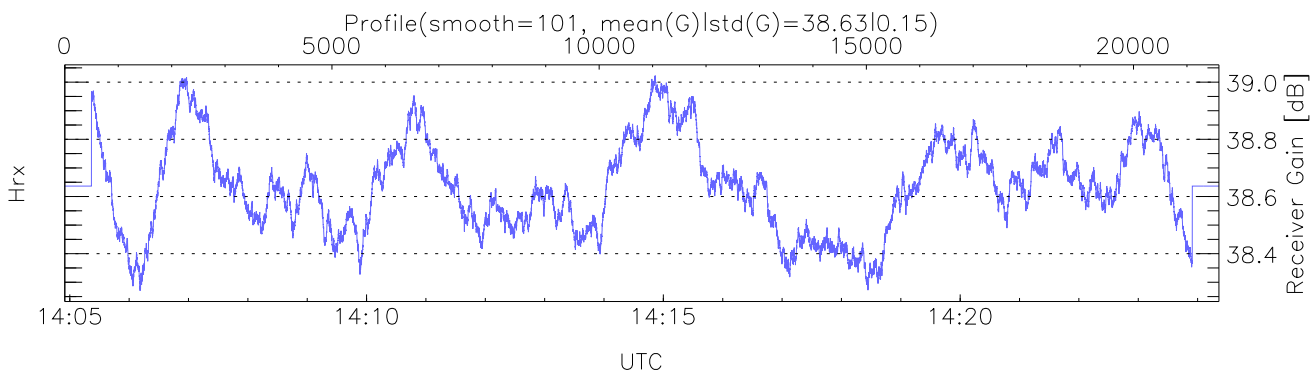
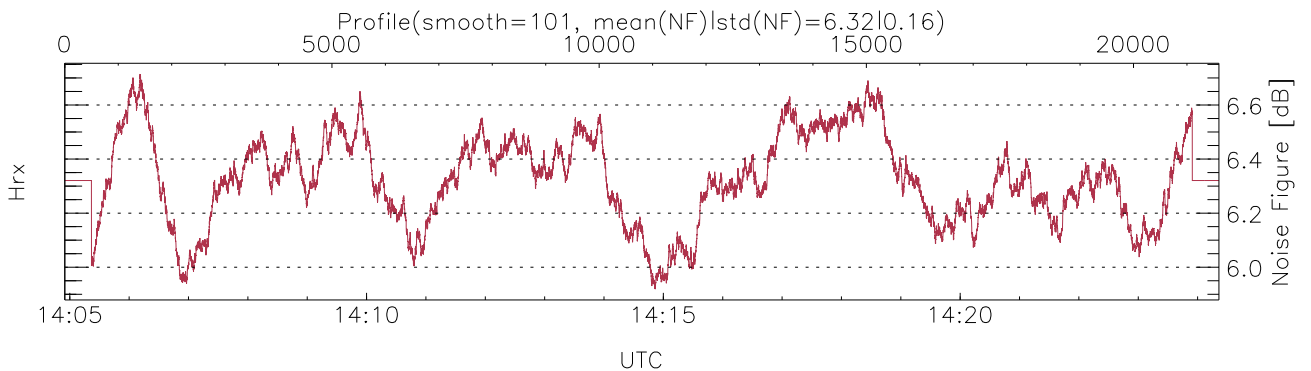
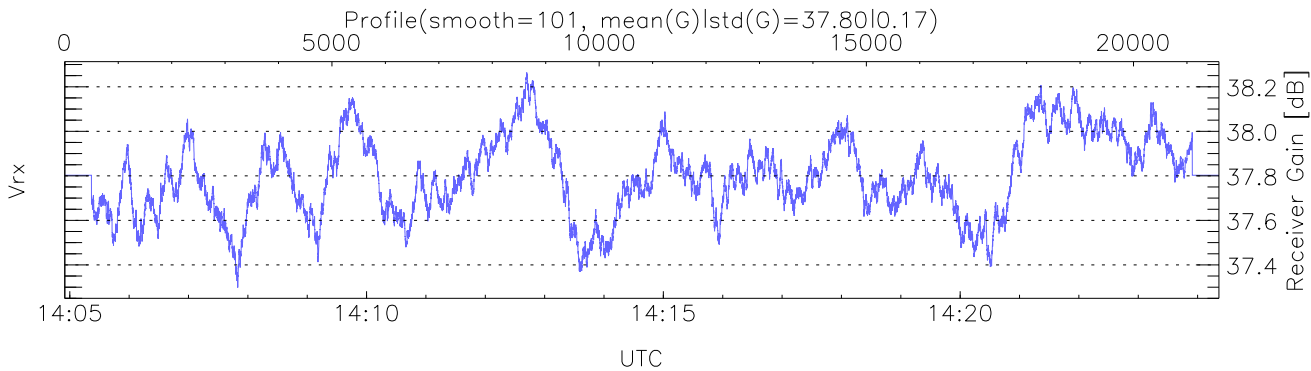
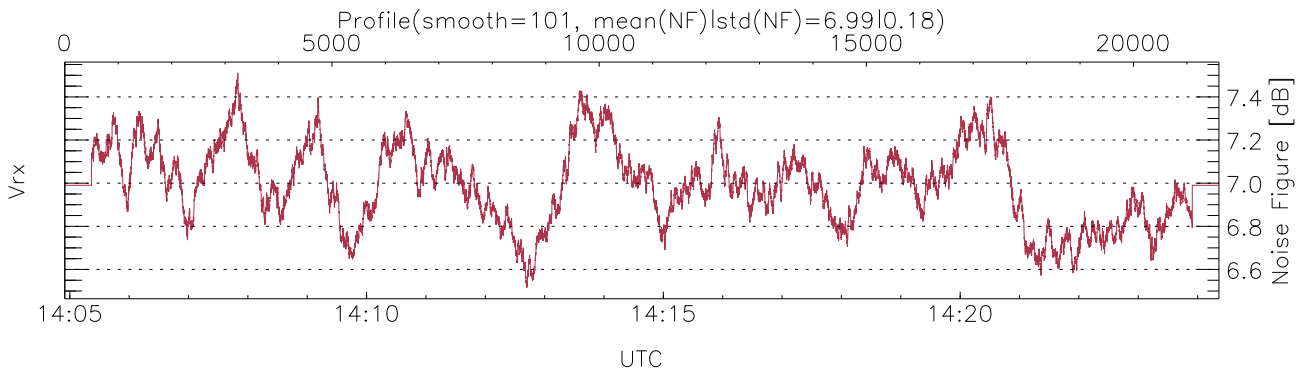
UTC: 14:04:55-14:29:27, Dur: 1472.08s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 54.0,54.0,54.0,0.0 ms / 19,19,19
 NumRec(r/t): 21600/27255, 0-21599/14:04:55-14:24:22
 AcqTime: 54.0ms, Rate: 287KB/s, Averages: 180
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 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

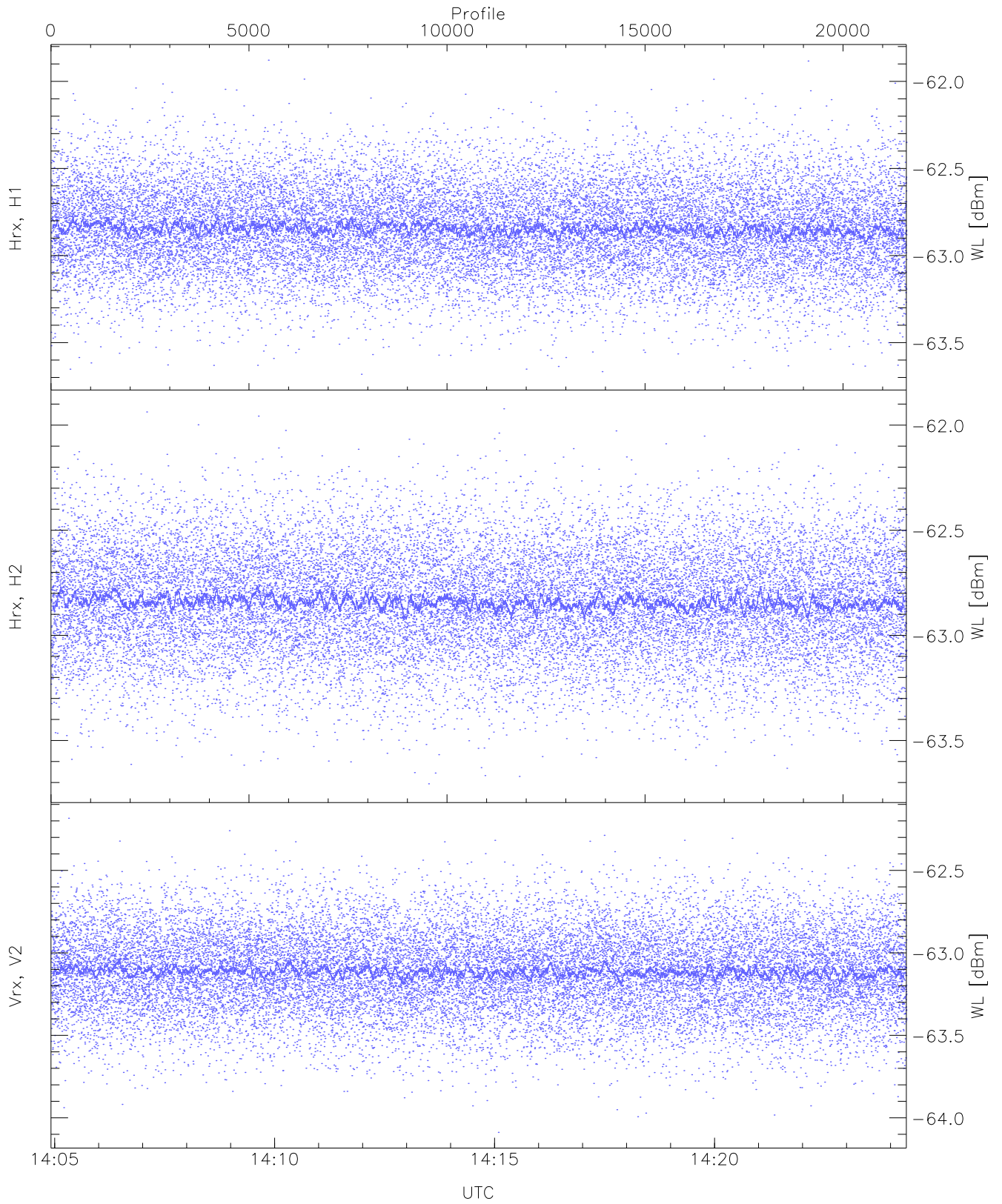
```

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,18,26,22,28
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,21,28,26,32
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
  DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (10,10,10,24,15,4)
    
```



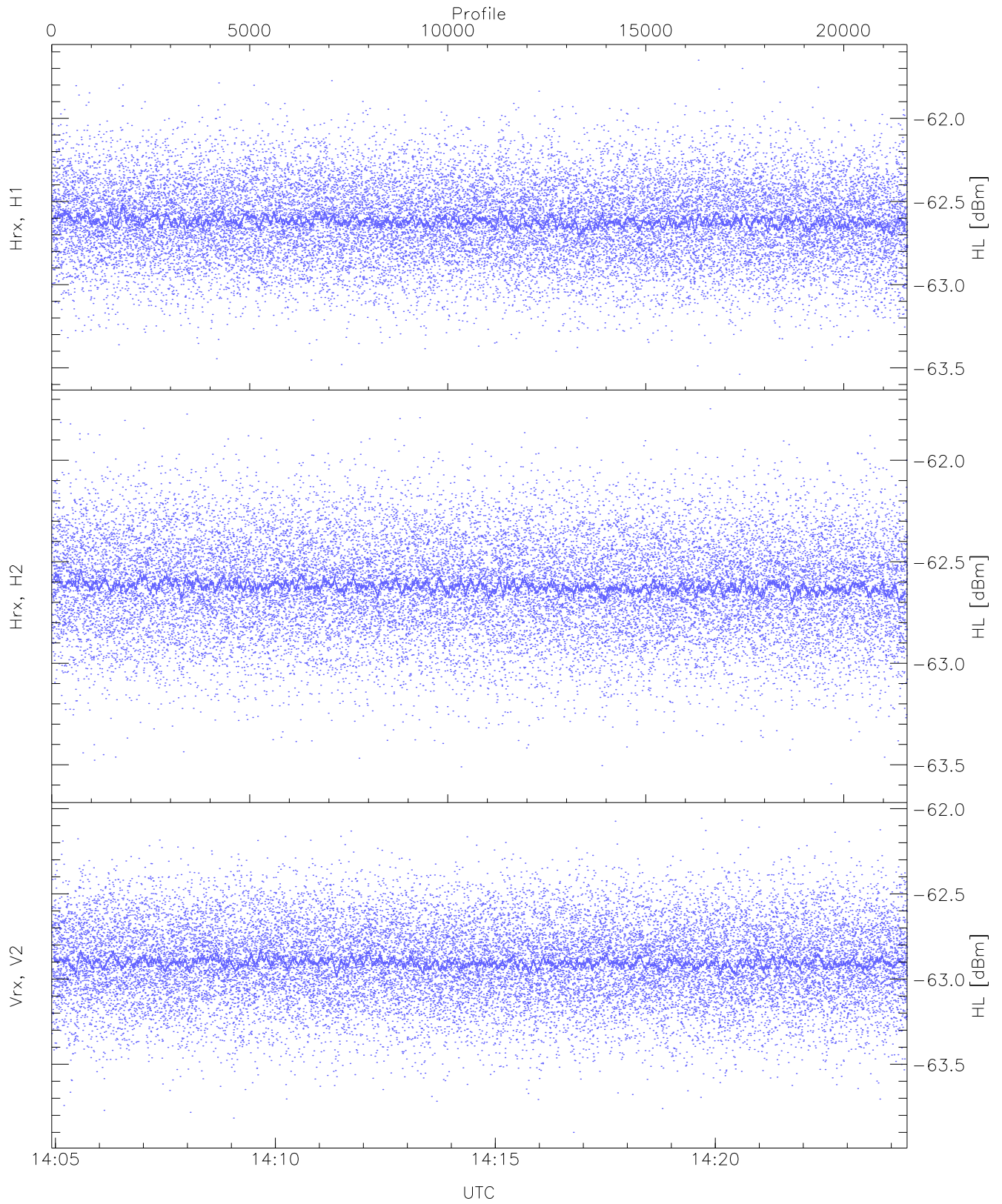
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 2430 pixs, 65 gates, 2350 profs, 2 prods



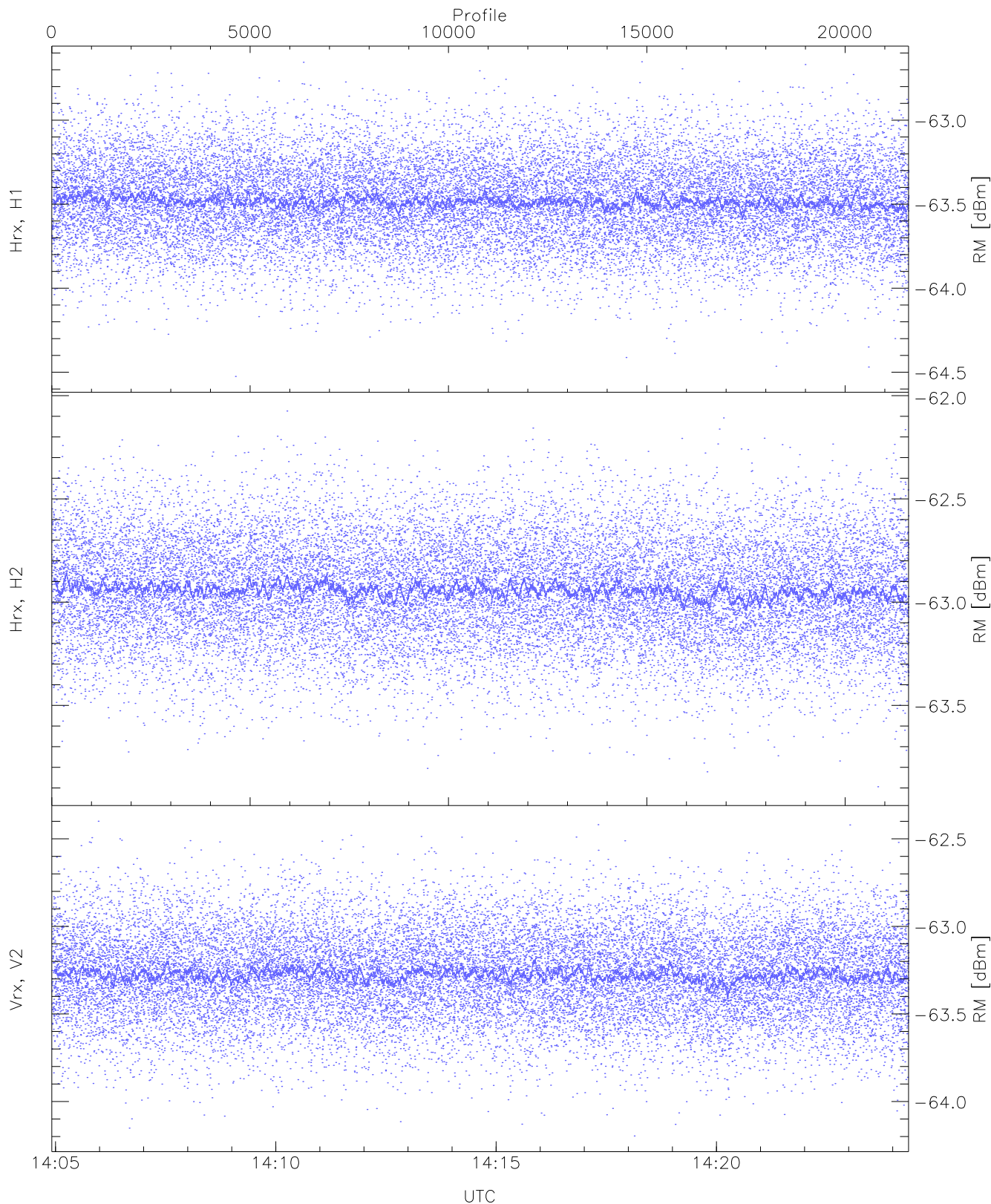
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-63.68	-61.88	-62.84	-62.85	-75.60
Hrx, H2 (WL [dBm])	-63.71	-61.92	-62.84	-62.84	-75.54
Vrx, V2 (WL [dBm])	-64.09	-62.18	-63.11	-63.12	-75.82



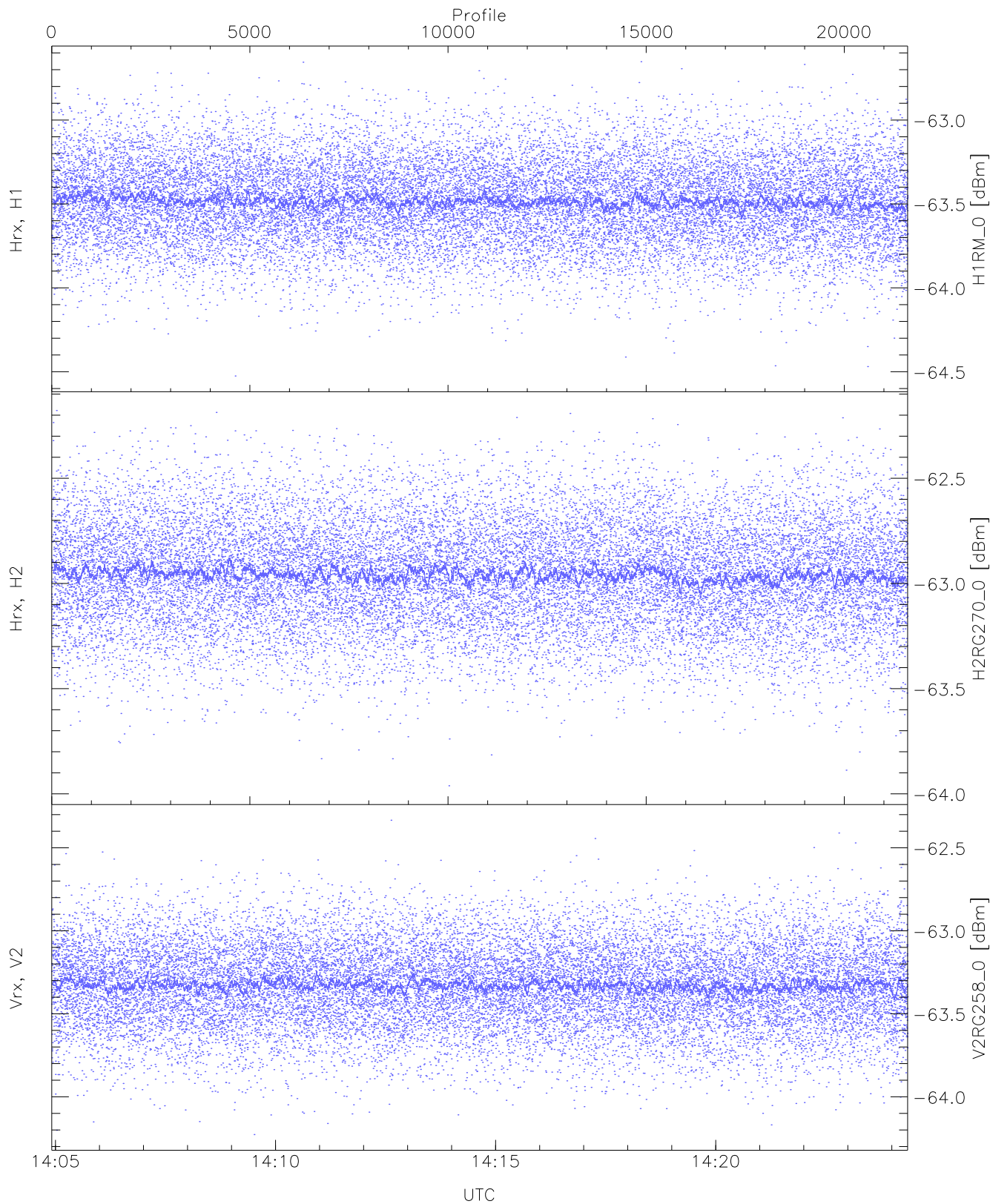
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.54	-61.65	-62.62	-62.62	-75.30
Hrx, H2 (HL [dBm])	-63.59	-61.75	-62.62	-62.62	-75.33
Vrx, V2 (HL [dBm])	-63.90	-62.06	-62.90	-62.90	-75.60



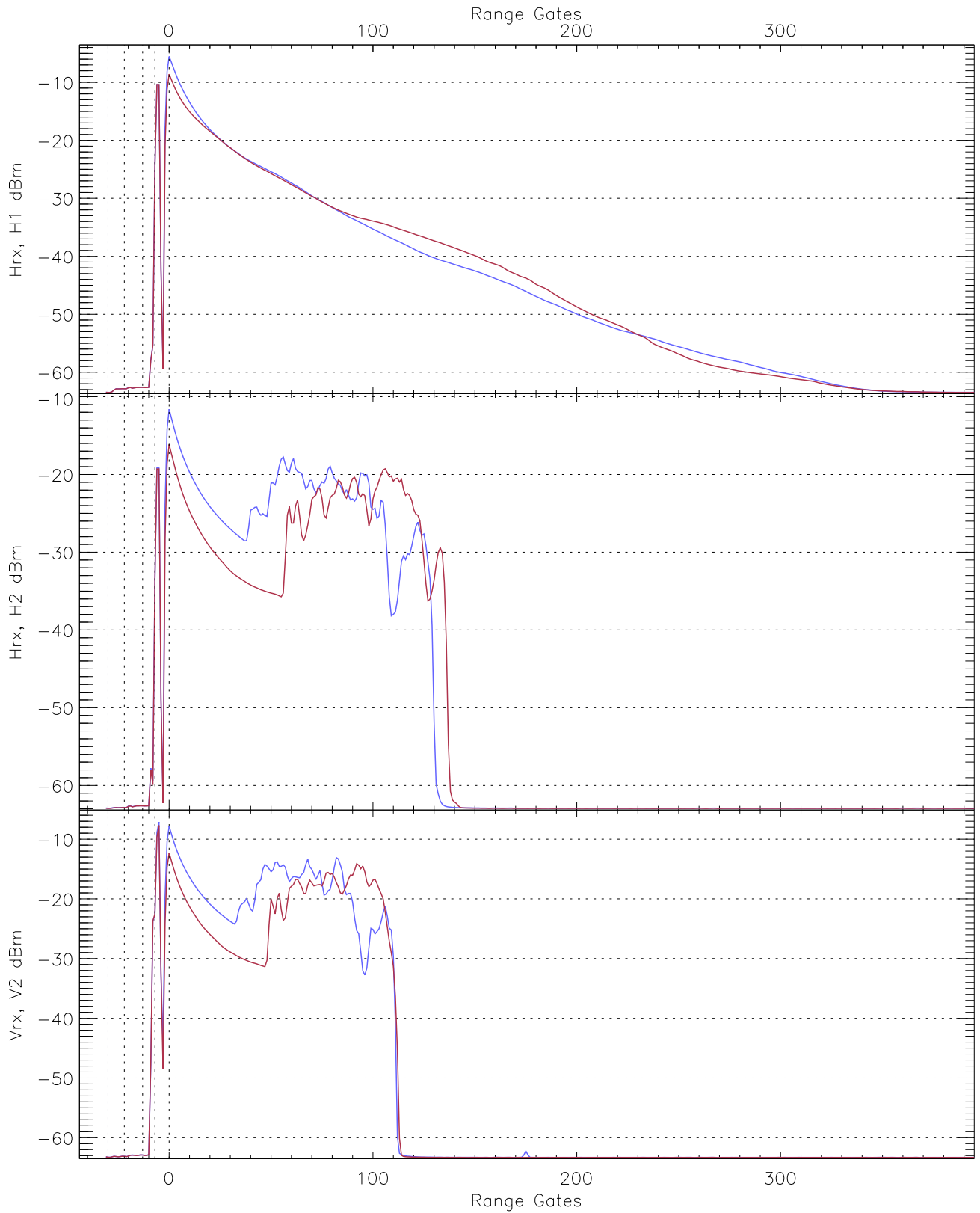
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.53	-62.65	-63.48	-63.49	-76.16
Hrx, H2 (RM [dBm])	-63.89	-62.07	-62.94	-62.95	-75.63
Vrx, V2 (RM [dBm])	-64.20	-62.40	-63.27	-63.28	-75.96

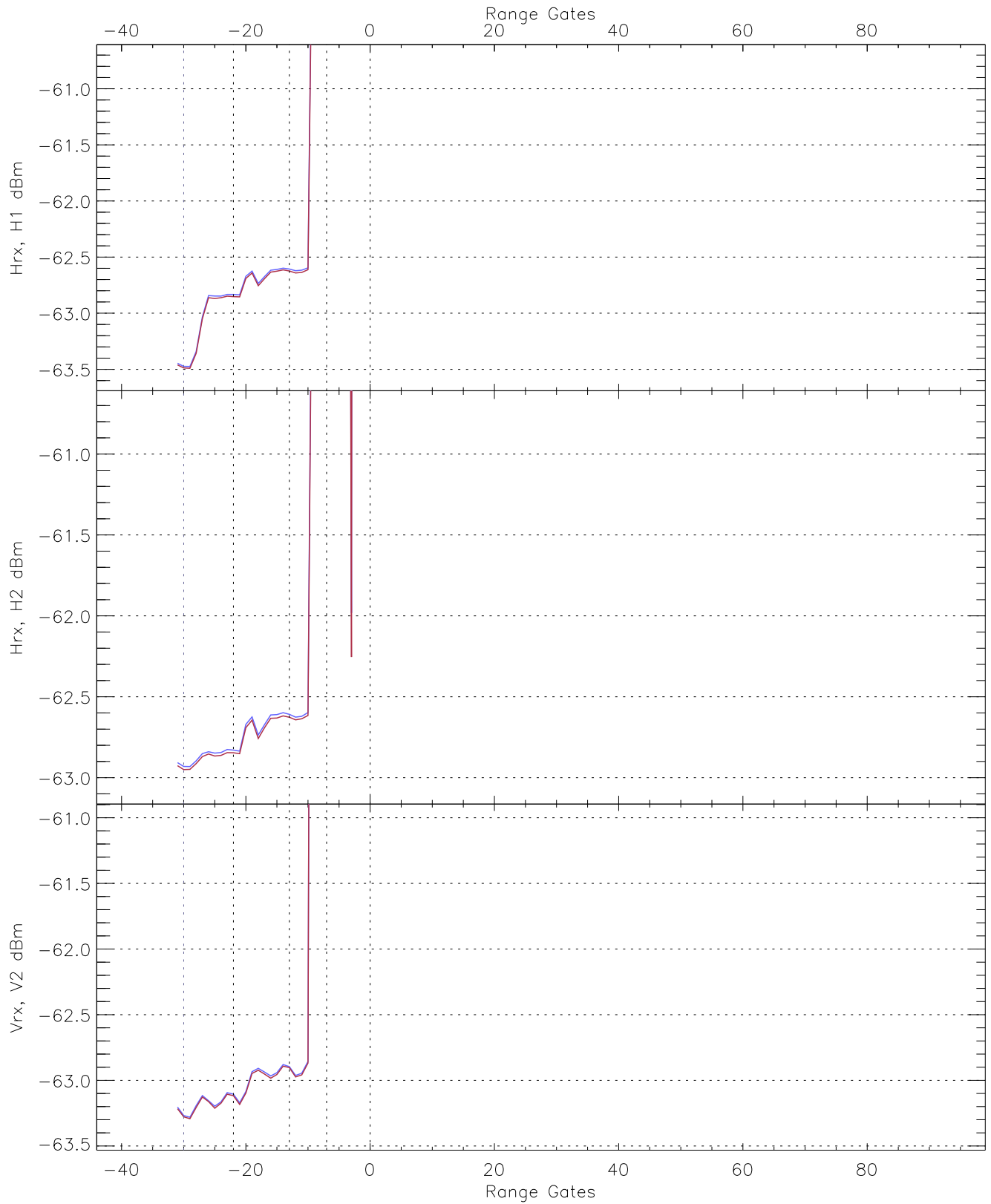


WCR2 CPP "Best" estimate Receivers Noise Power

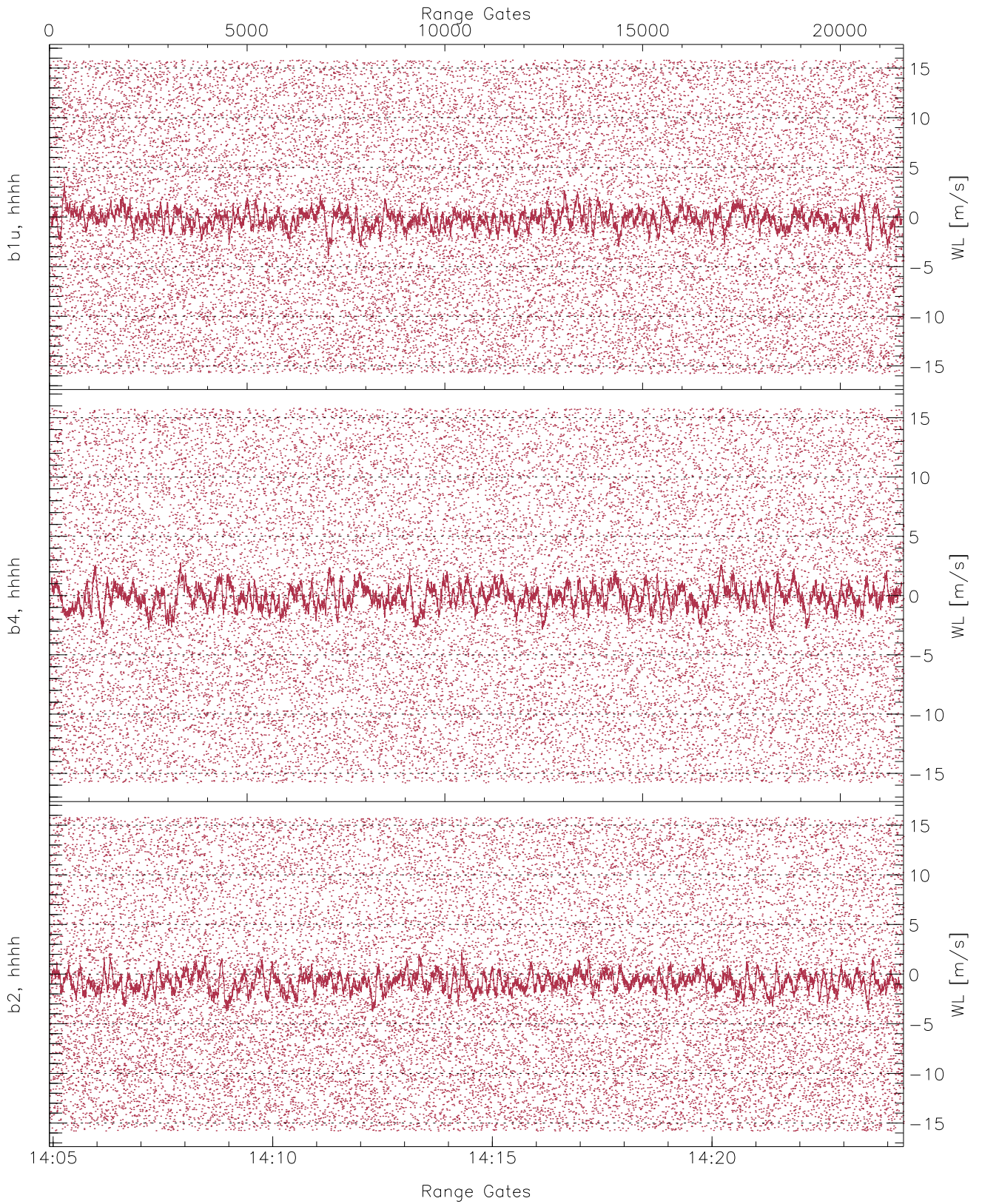
	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-64.53	-62.65	-63.48	-63.49	-76.16
H2RG270_0 [dBm]	-63.96	-62.18	-62.96	-62.96	-75.65
V2RG258_0 [dBm]	-64.23	-62.33	-63.33	-63.33	-76.02



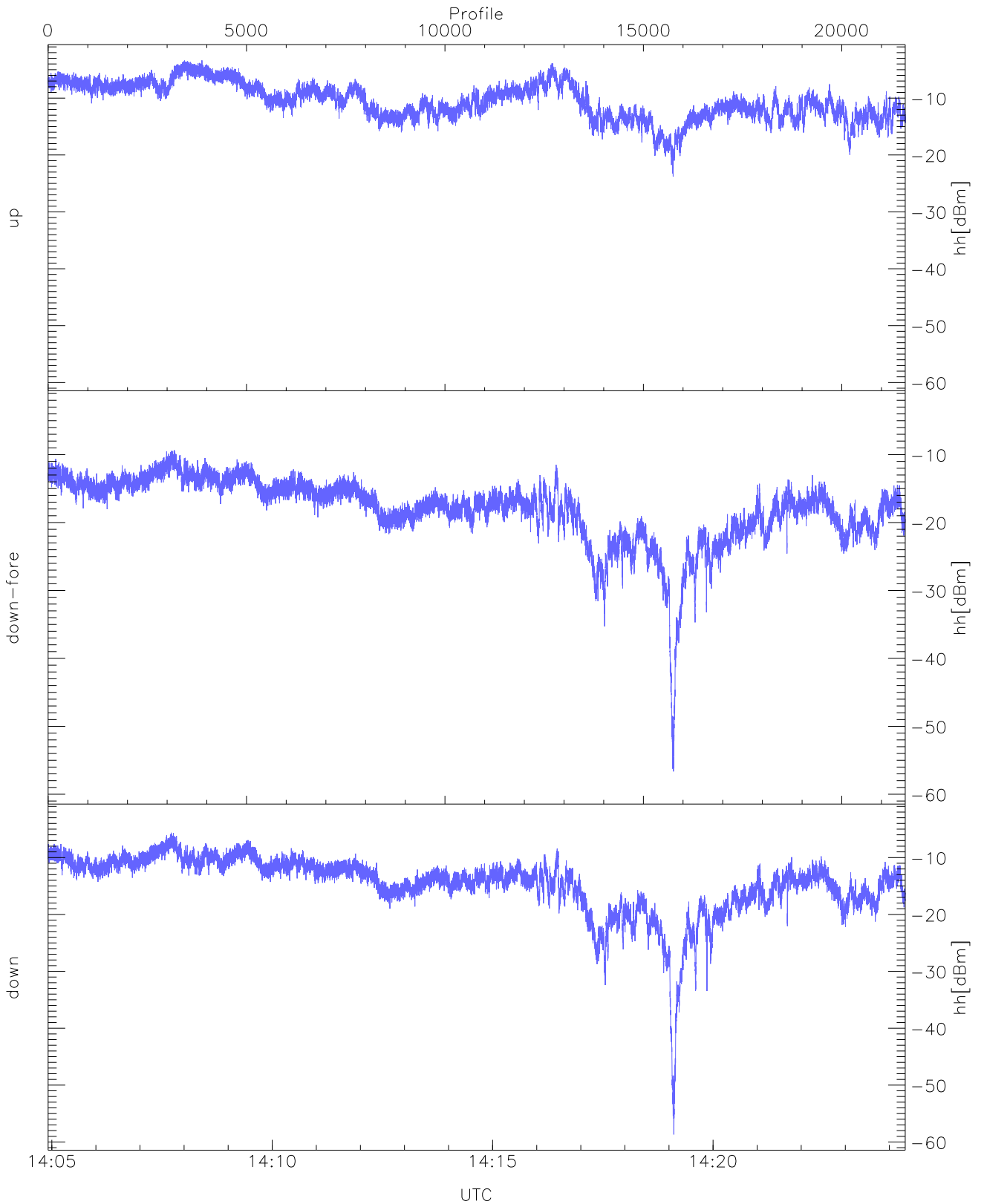
WCR2 CPP Averaged Received power for all recorded gates
blue: 140455-141438, 10801 profiles averaged
red: 141438-142422, 10800 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 140455-141438, 10801 profiles averaged
red: 141438-142422, 10800 profiles averaged

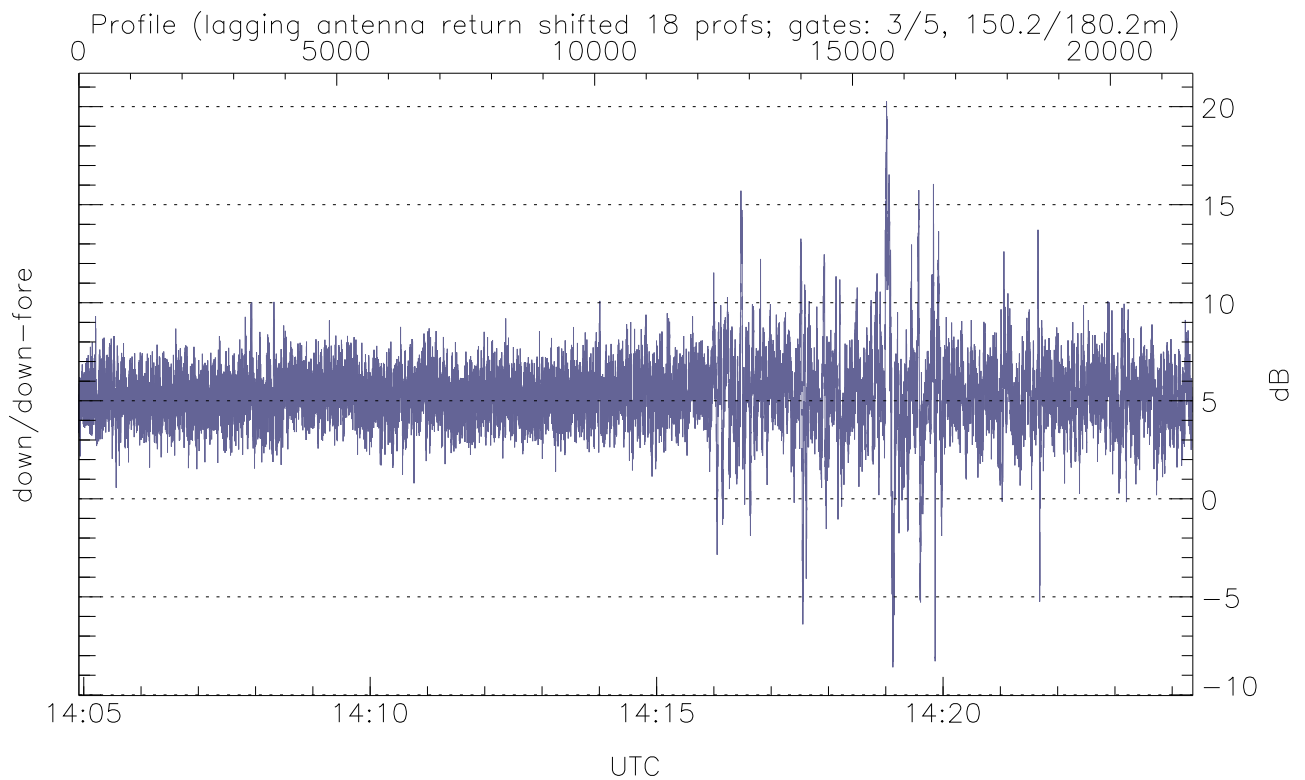
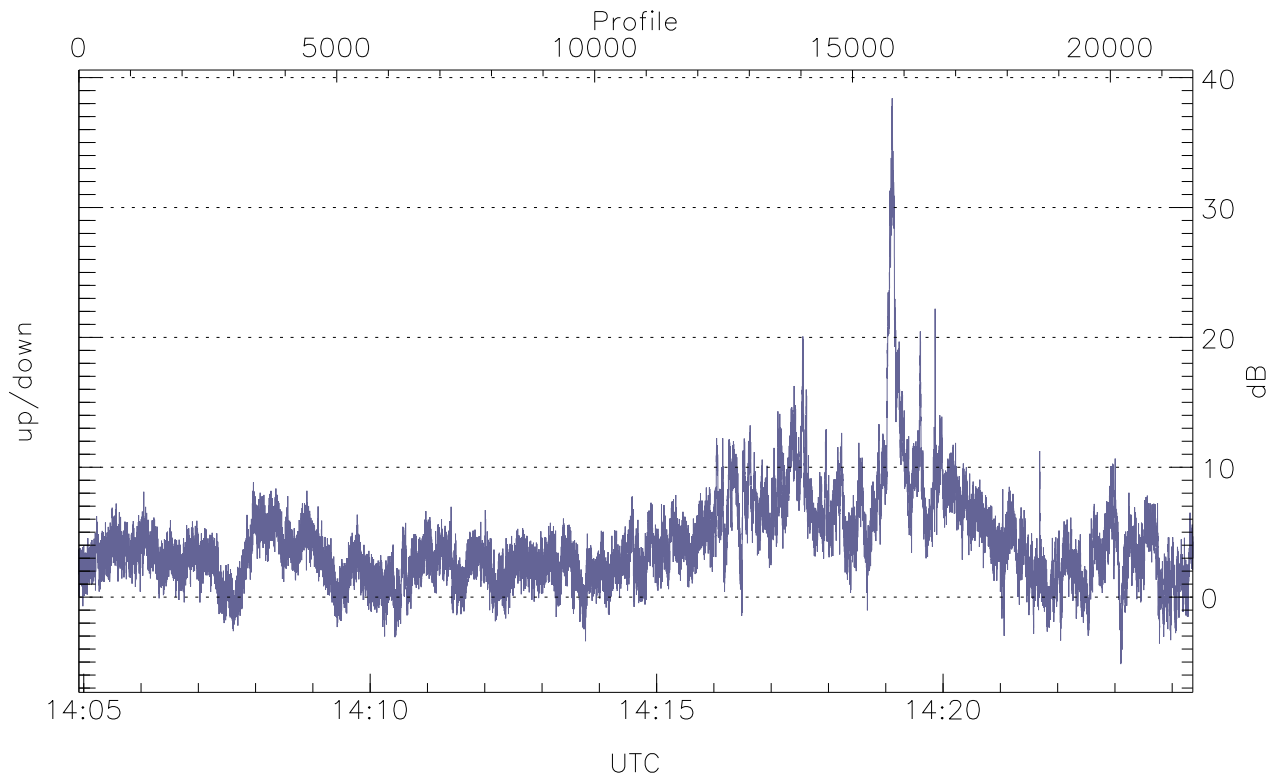


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



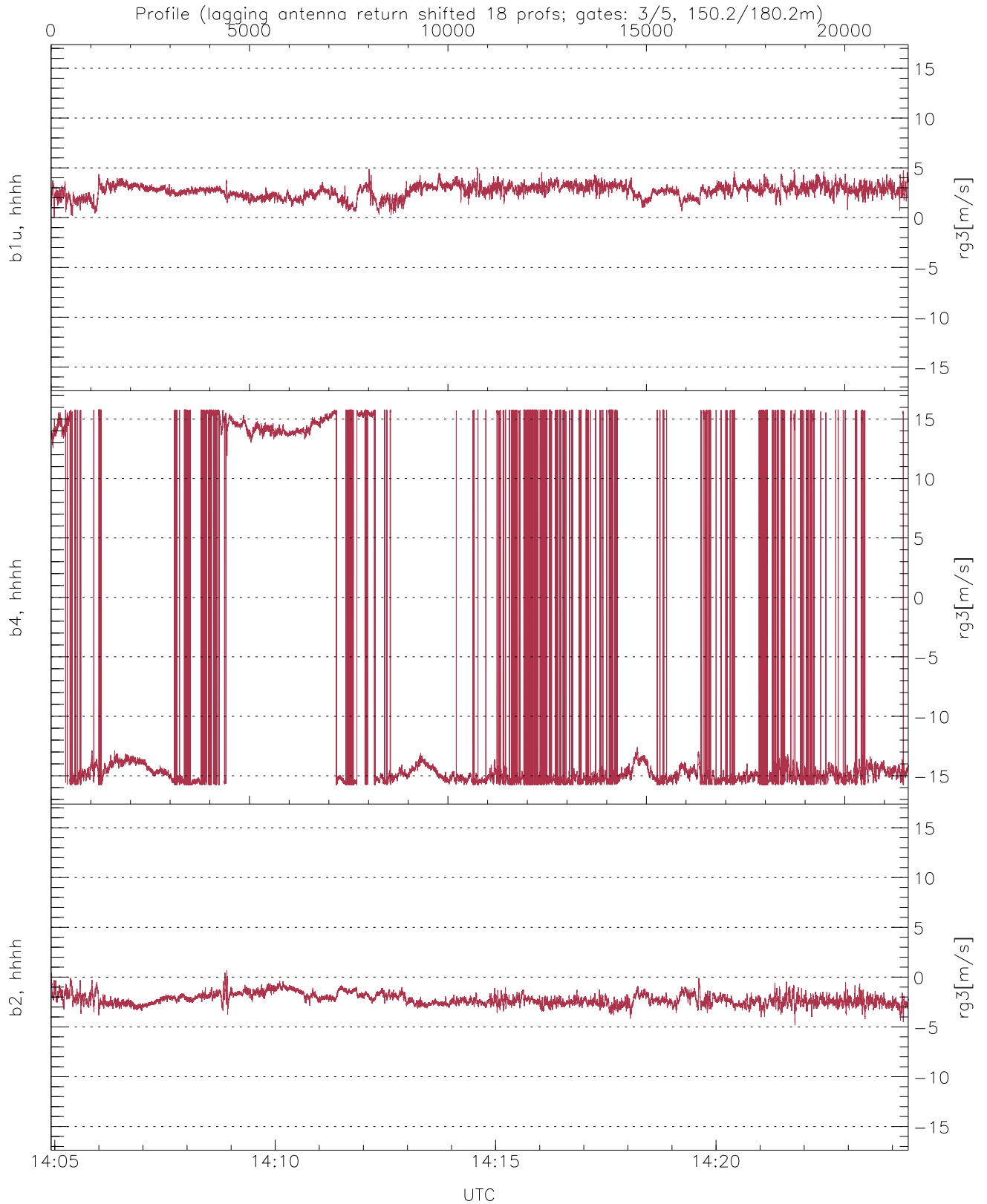
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-23.76	-3.36	-9.50
down-fore(hh[dBm])	-56.64	-9.31	-16.34
down(hh[dBm])	-58.68	-5.63	-12.87



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

	Min	Max	Mean
up/down (dB)	-5.15	38.41	4.17
down/down-fore (dB)	-8.59	20.26	5.30



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-0.05	4.95	2.67	0.67
b4, hhhh(rg3[m/s])	-15.80	15.80	-7.21	13.07
b2, hhhh(rg3[m/s])	-4.83	0.67	-2.21	0.58