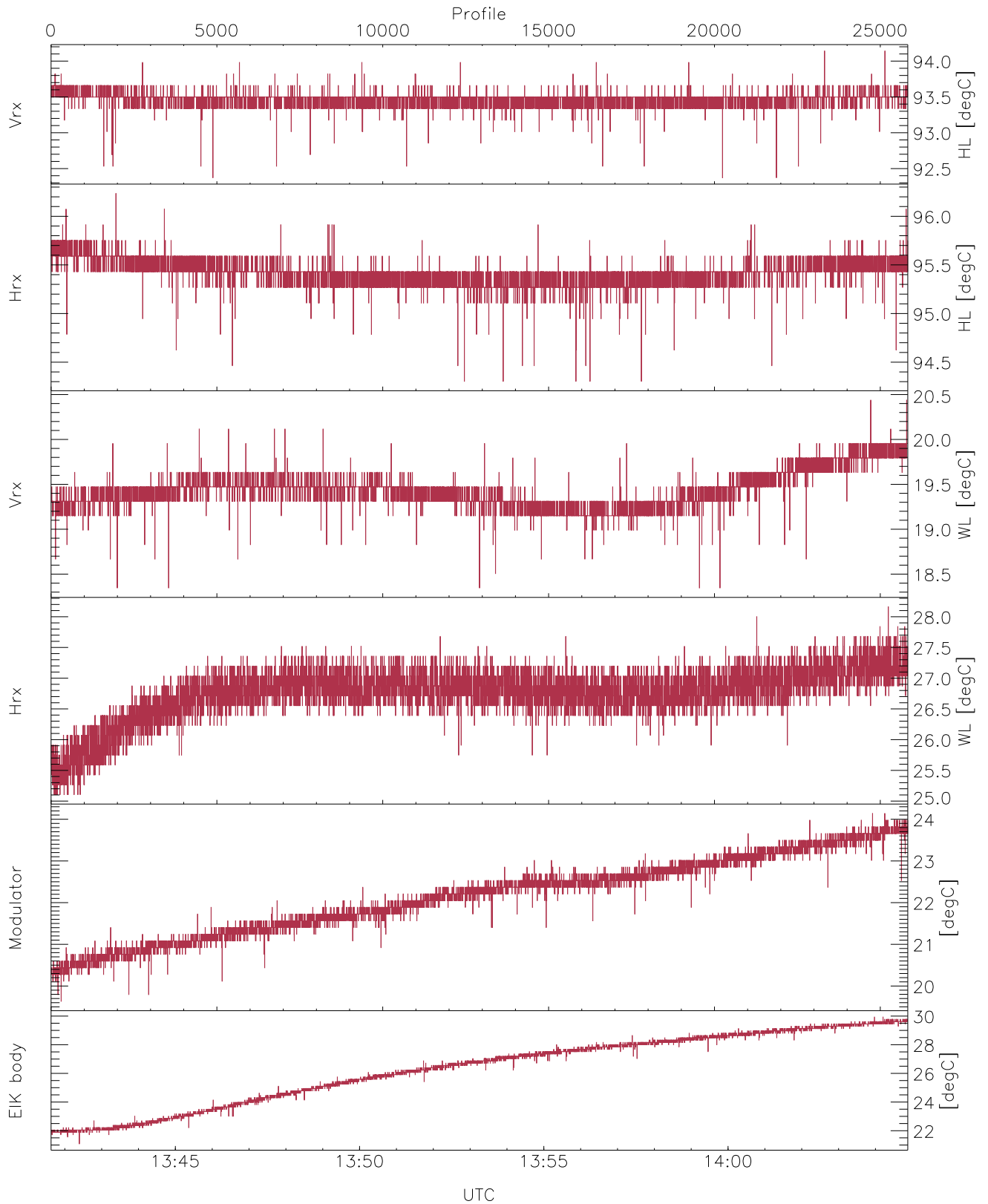


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

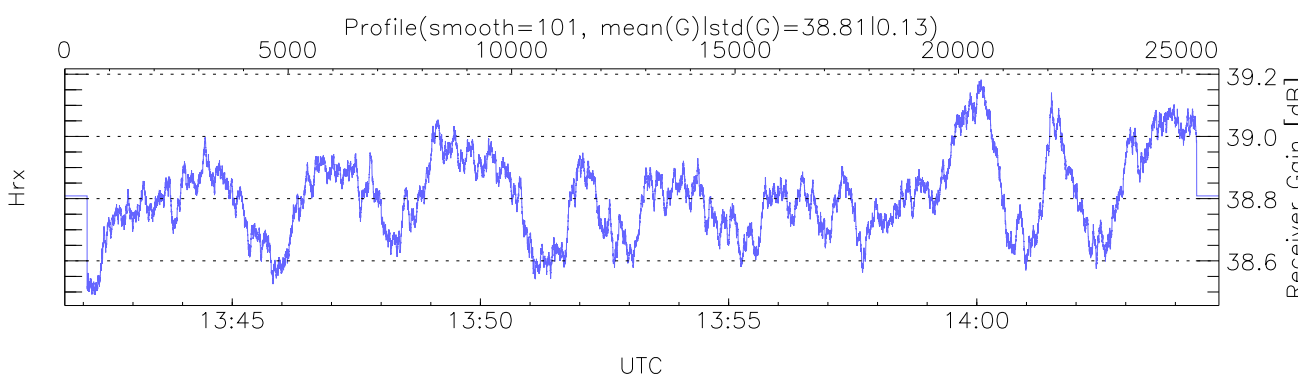
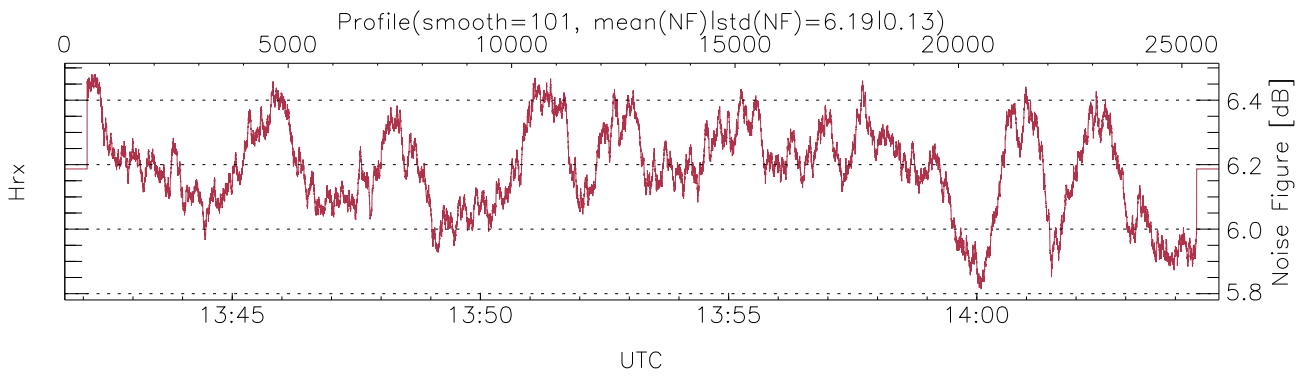
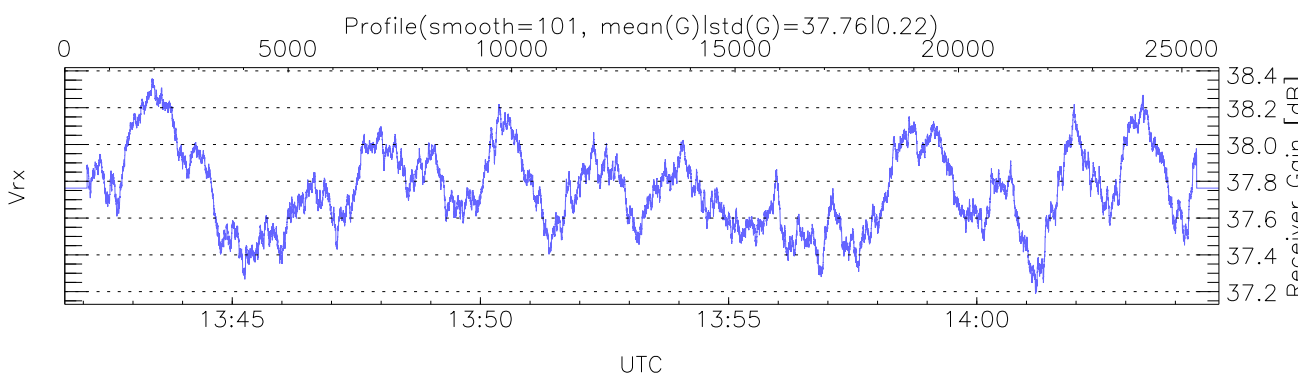
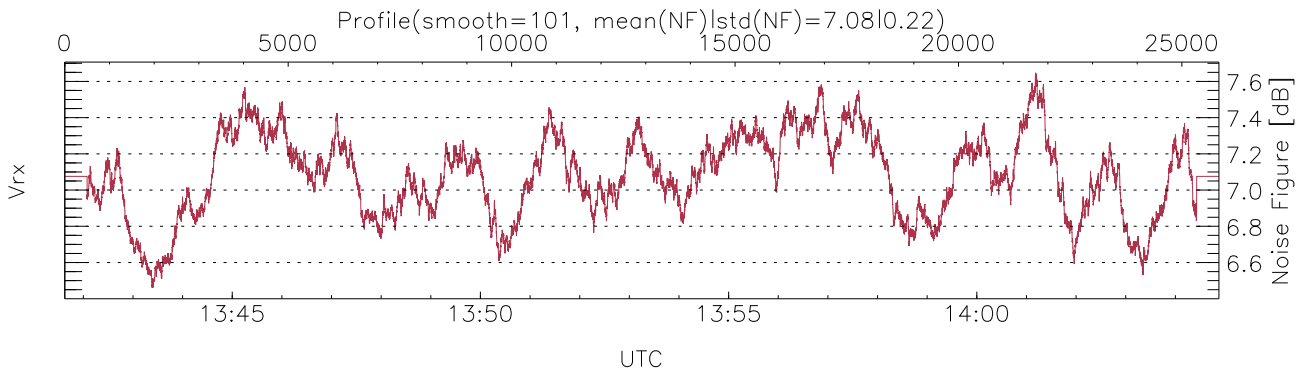
UTC: 13:41:38-14:04:53, Dur: 1395.12s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 54.0,54.0,54.0,0.0 ms / 19,19,19
 NumRec(r/t): 25830/25830, 0-25829/13:41:38-14:04:53
 AcqTime: 54.0ms, Rate: 287KB/s, Averages: 180
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 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

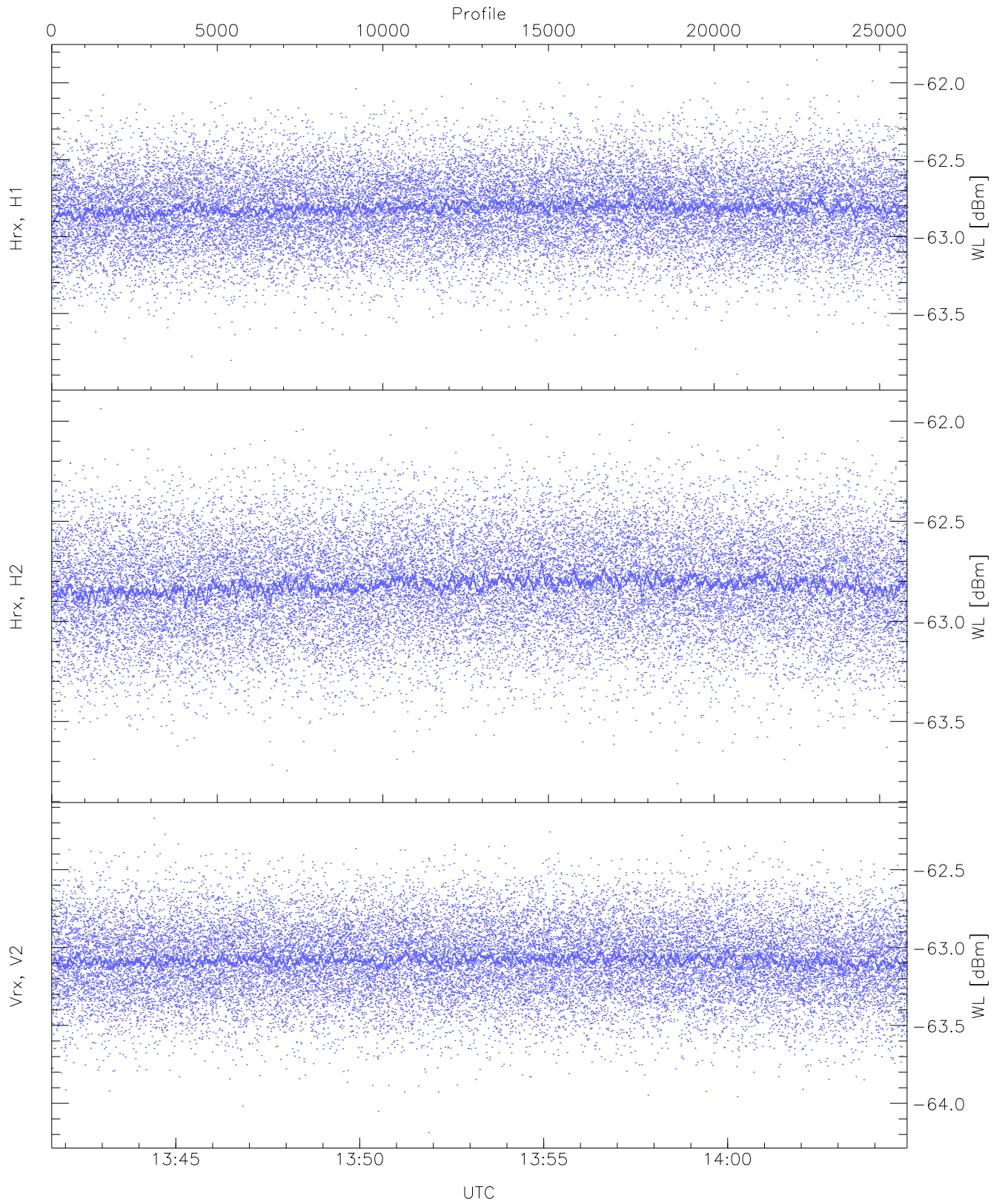
```

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,18,25,19,21
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,20,28,24,29
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
  DeckT, CollT, BodyCurr, DeckF, OverDuty, HVPS (34,34,34,39,34,20)
    
```



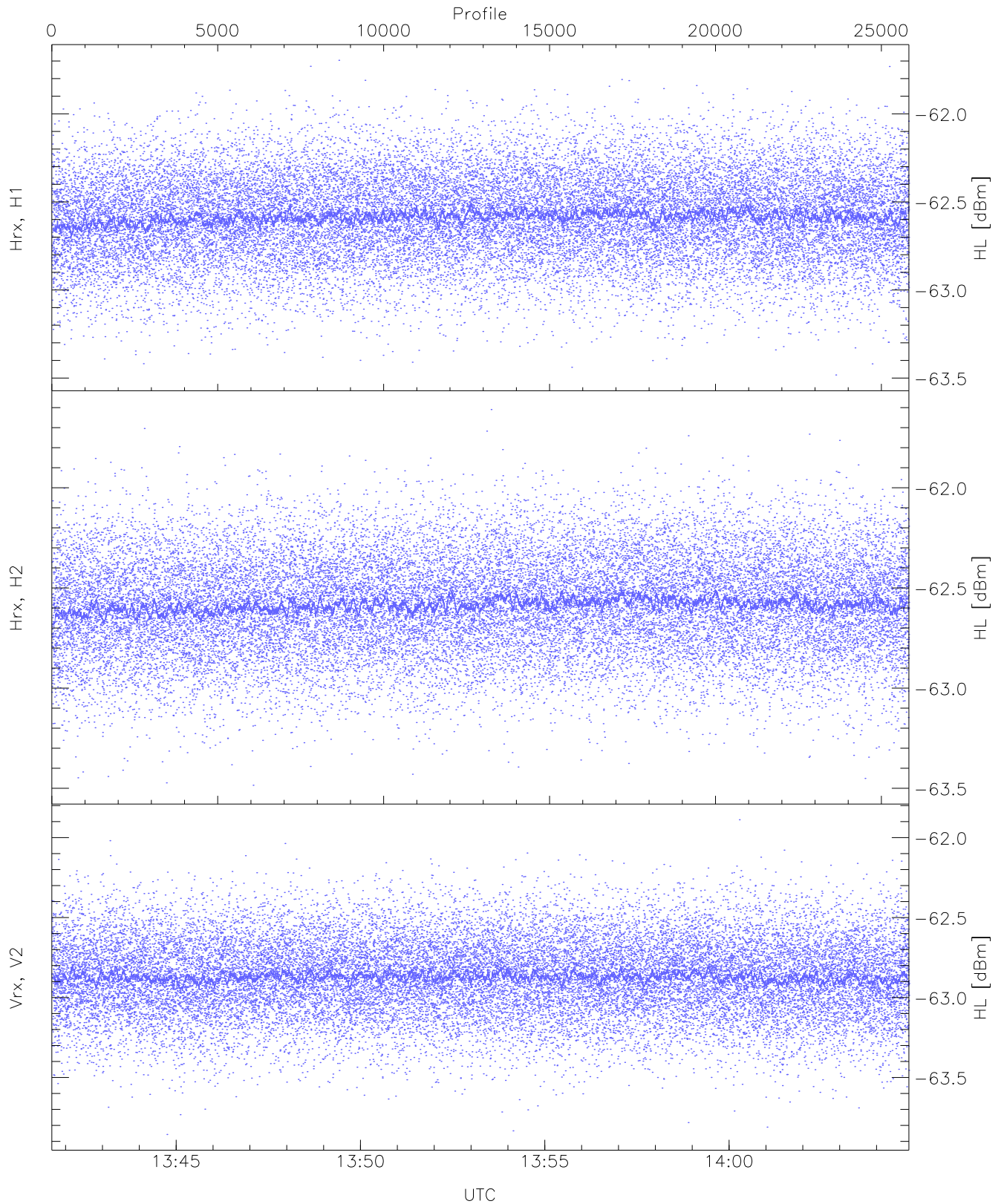
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 1000 pixs, 45 gates, 950 profs, 1 prods



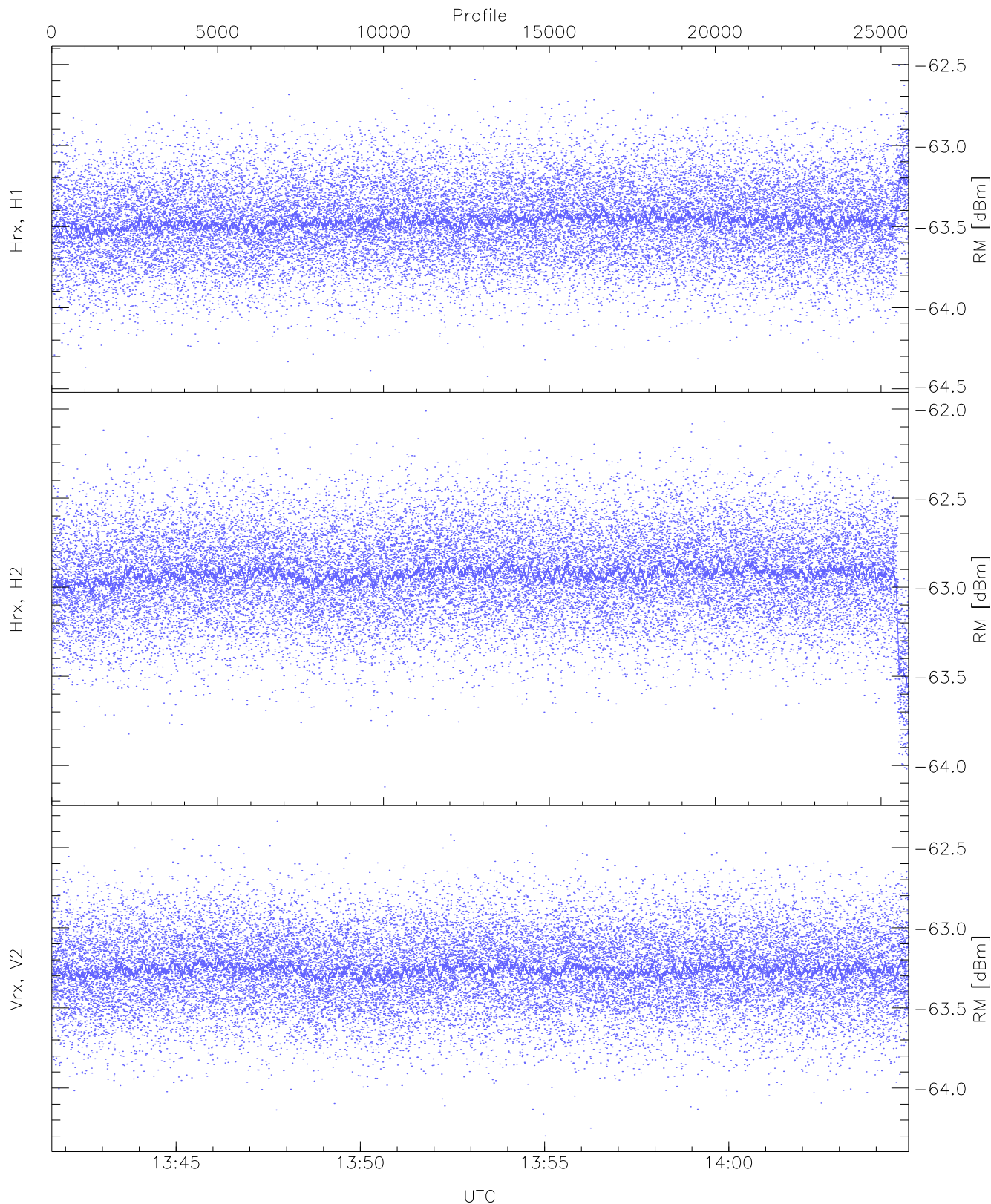
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-63.90	-61.85	-62.81	-62.82	-75.56
Hrx, H2 (WL [dBm])	-63.81	-61.94	-62.82	-62.82	-75.53
Vrx, V2 (WL [dBm])	-64.19	-62.17	-63.08	-63.08	-75.79



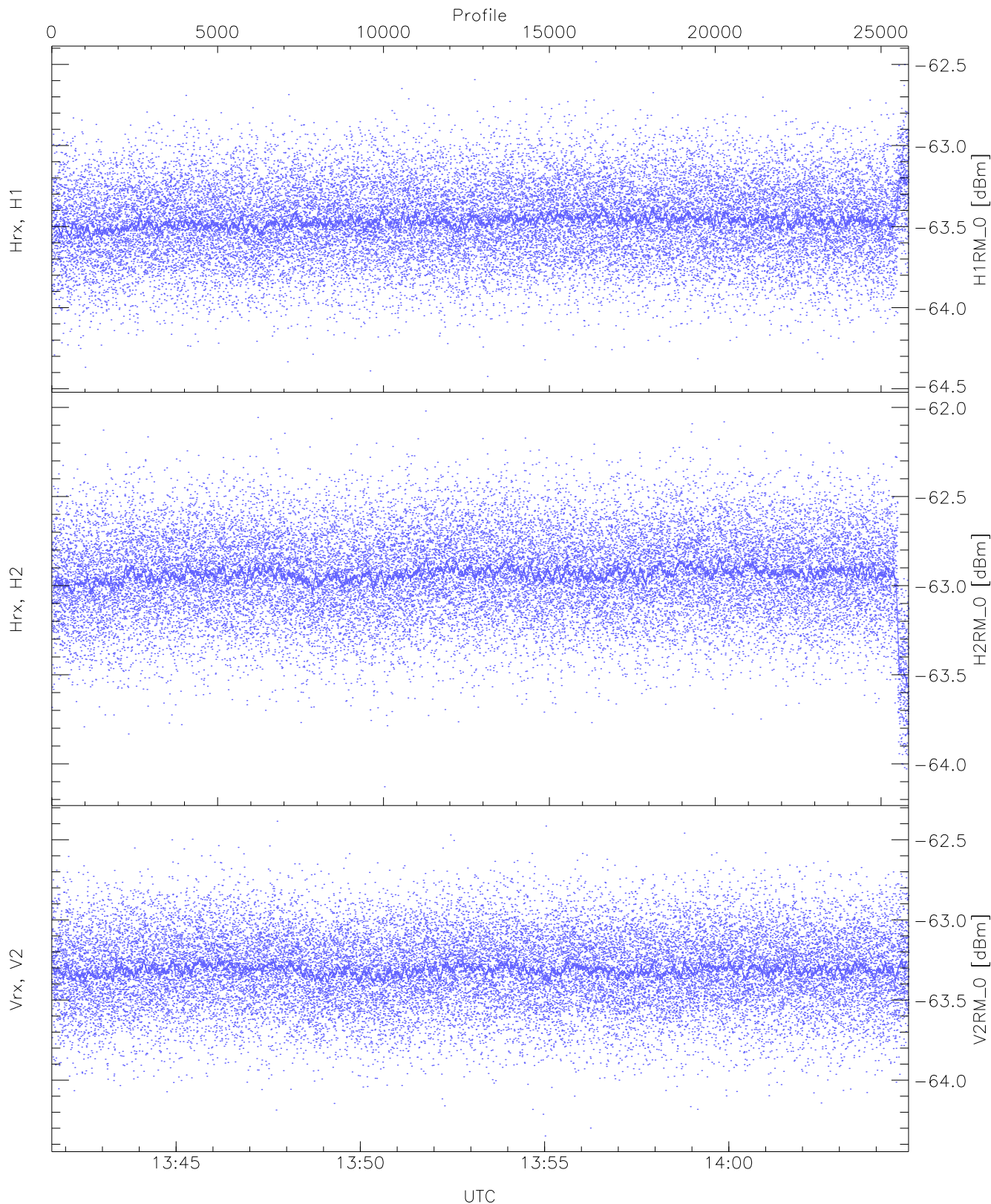
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.48	-61.70	-62.58	-62.58	-75.31
Hrx, H2 (HL [dBm])	-63.48	-61.61	-62.58	-62.59	-75.29
Vrx, V2 (HL [dBm])	-63.86	-61.89	-62.87	-62.87	-75.60



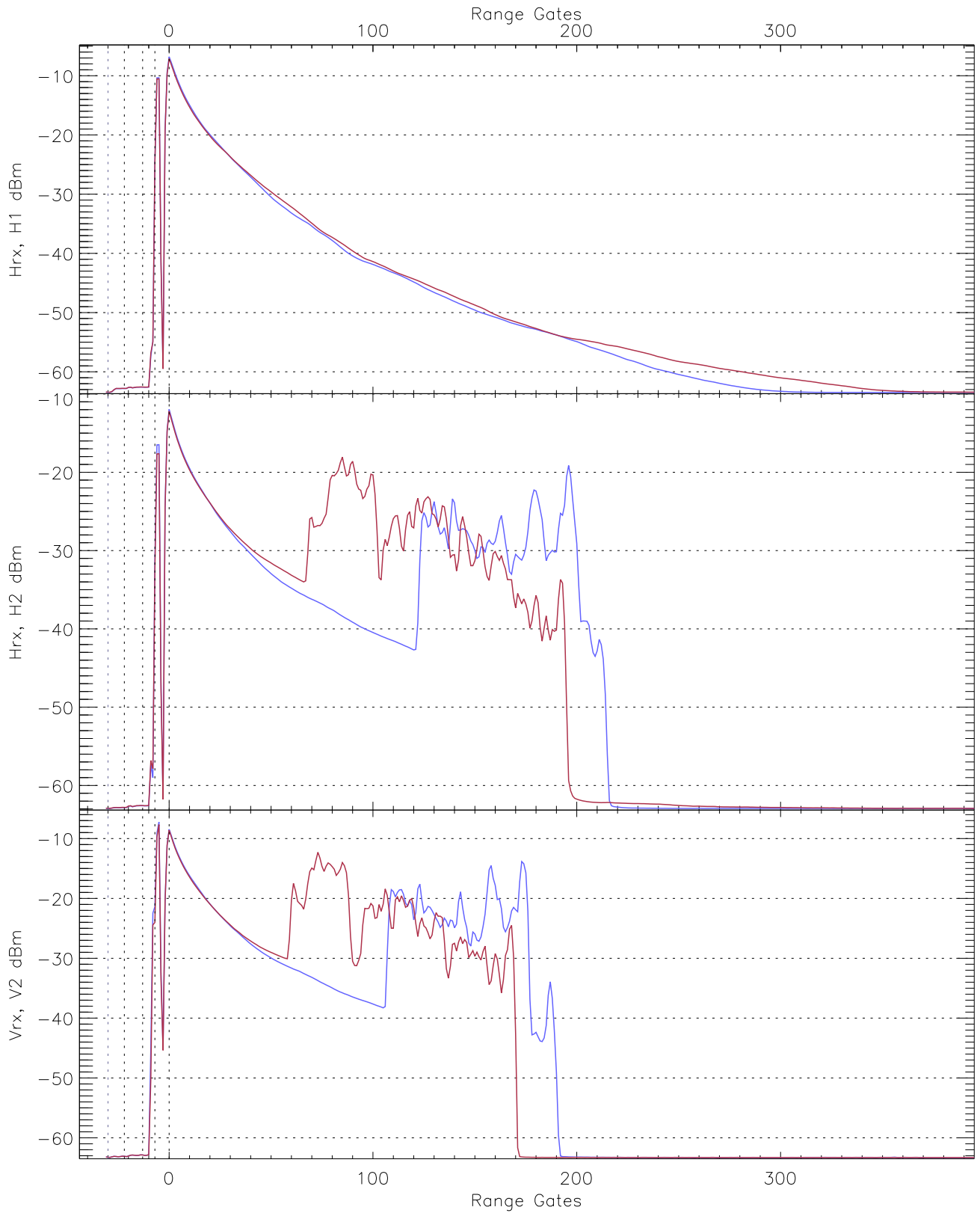
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.42	-62.48	-63.46	-63.47	-76.09
Hrx, H2 (RM [dBm])	-64.12	-62.01	-62.93	-62.93	-75.46
Vrx, V2 (RM [dBm])	-64.30	-62.34	-63.26	-63.26	-75.95

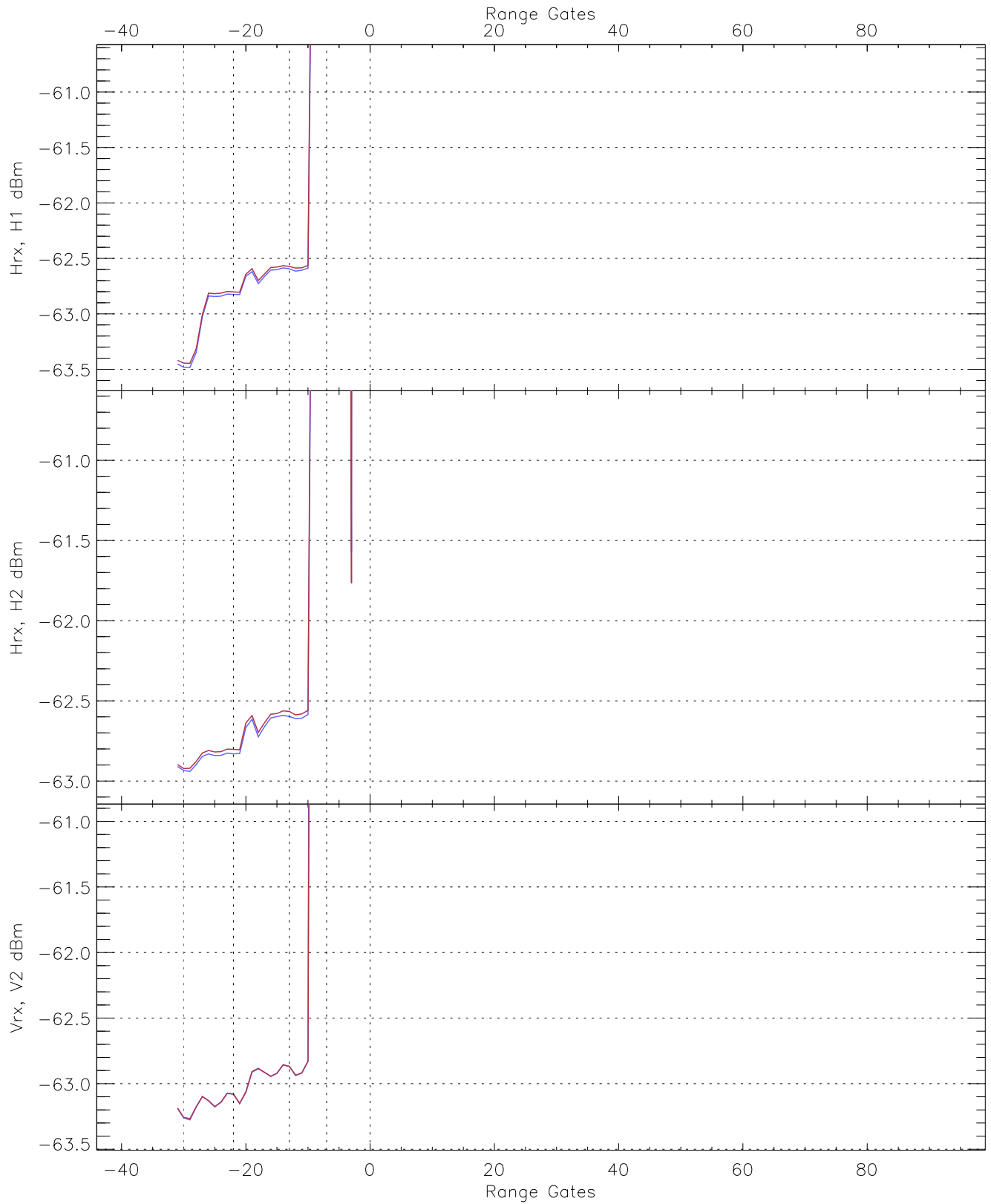


WCR2 CPP "Best" estimate Receivers Noise Power

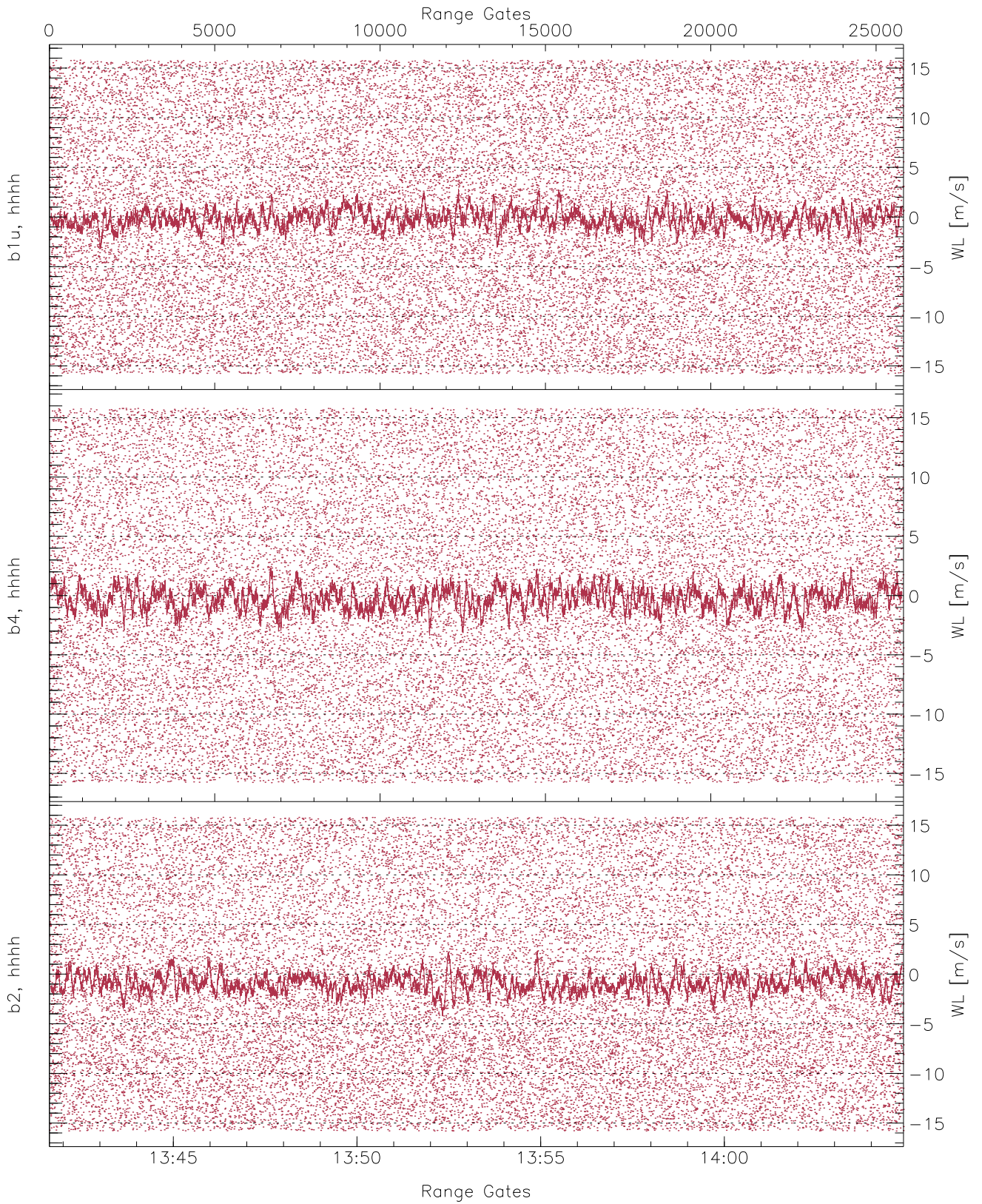
	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-64.42	-62.48	-63.46	-63.47	-76.09
H2RM_0 [dBm]	-64.13	-62.02	-62.94	-62.94	-75.47
V2RM_0 [dBm]	-64.35	-62.38	-63.31	-63.31	-76.00



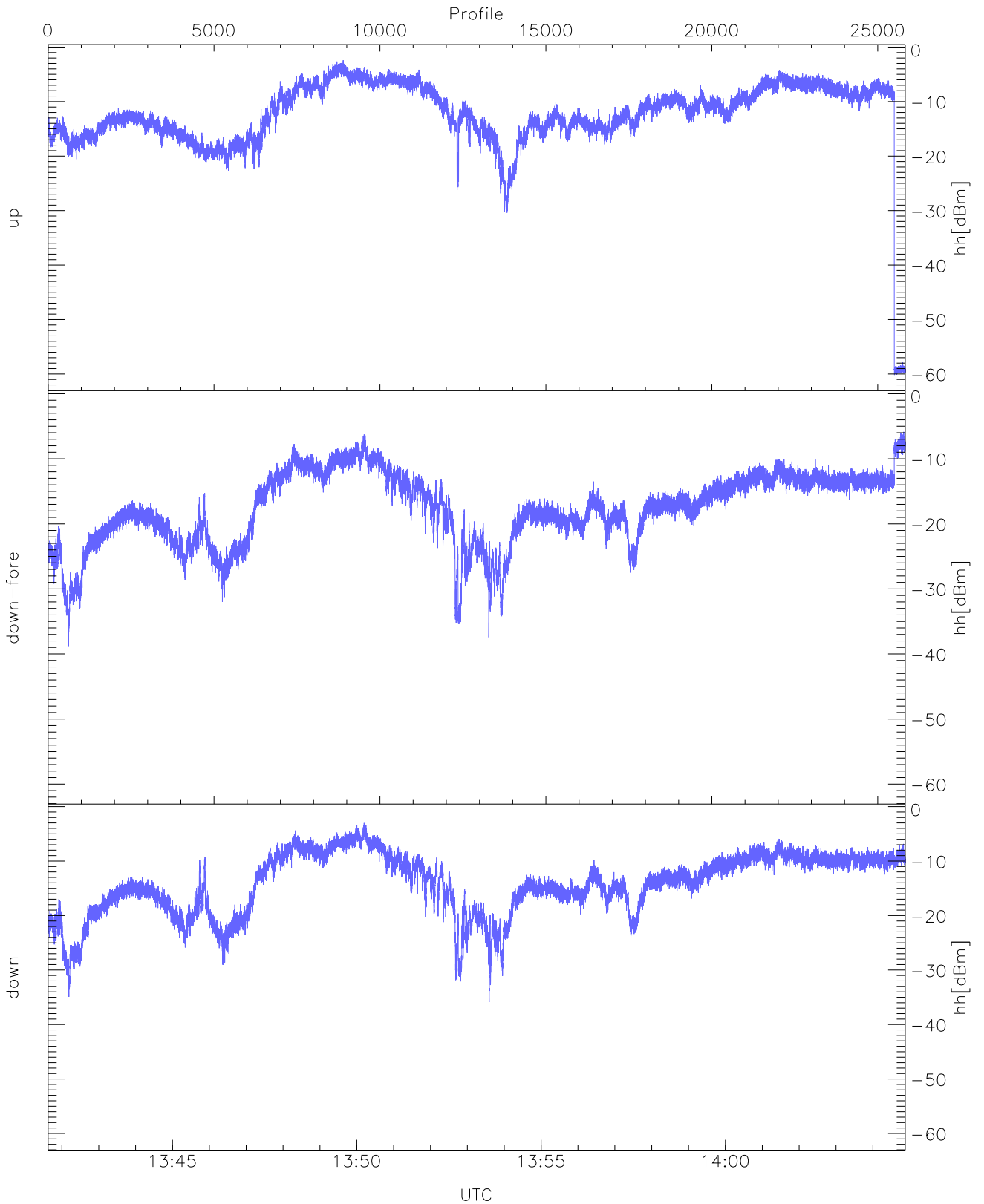
WCR2 CPP Averaged Received power for all recorded gates
blue: 134138-135315, 12916 profiles averaged
red: 135315-140453, 12915 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 134138-135315, 12916 profiles averaged
red: 135315-140453, 12915 profiles averaged

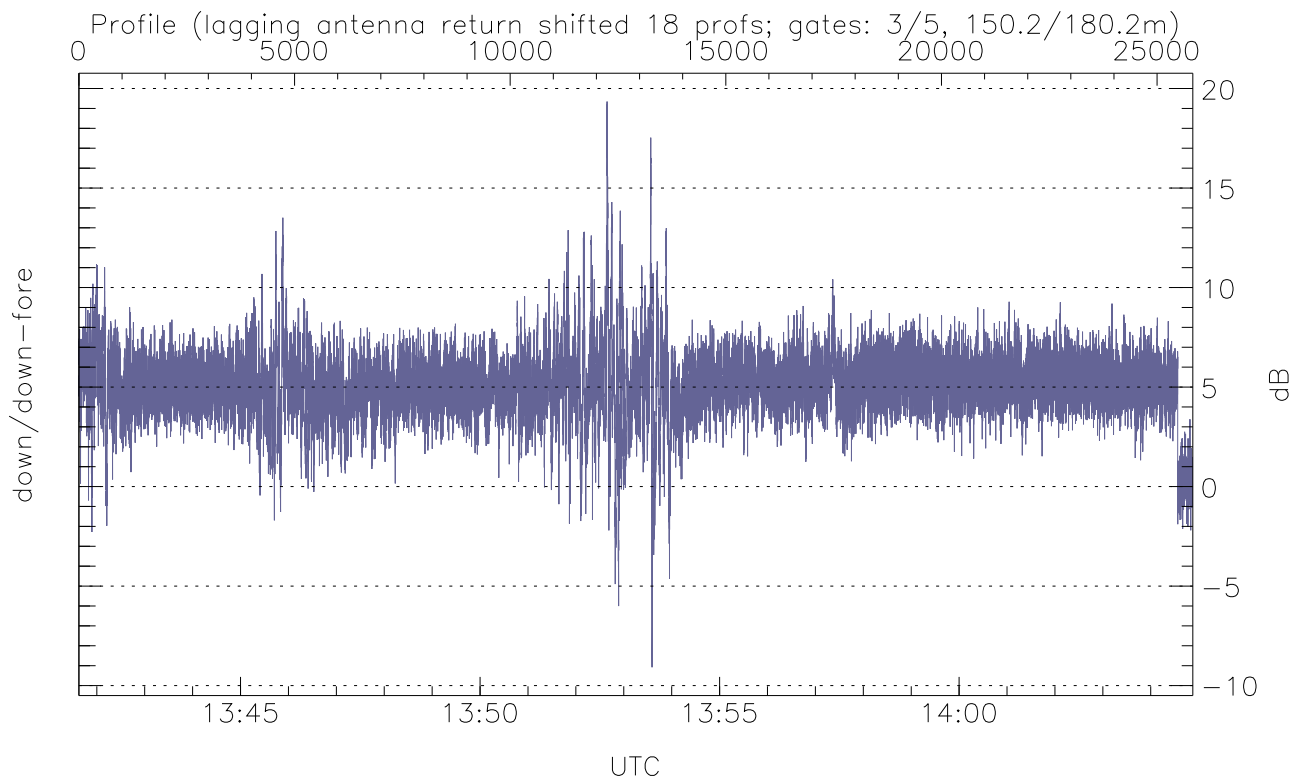
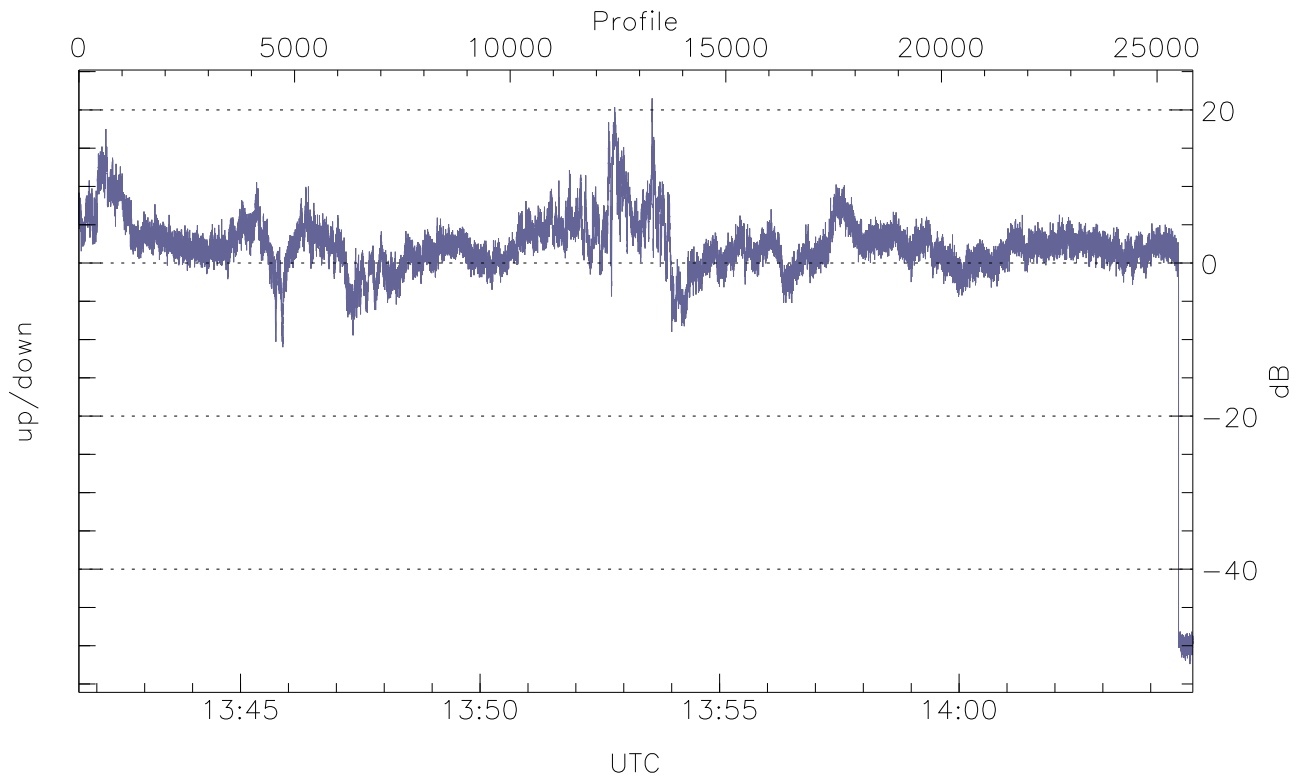


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



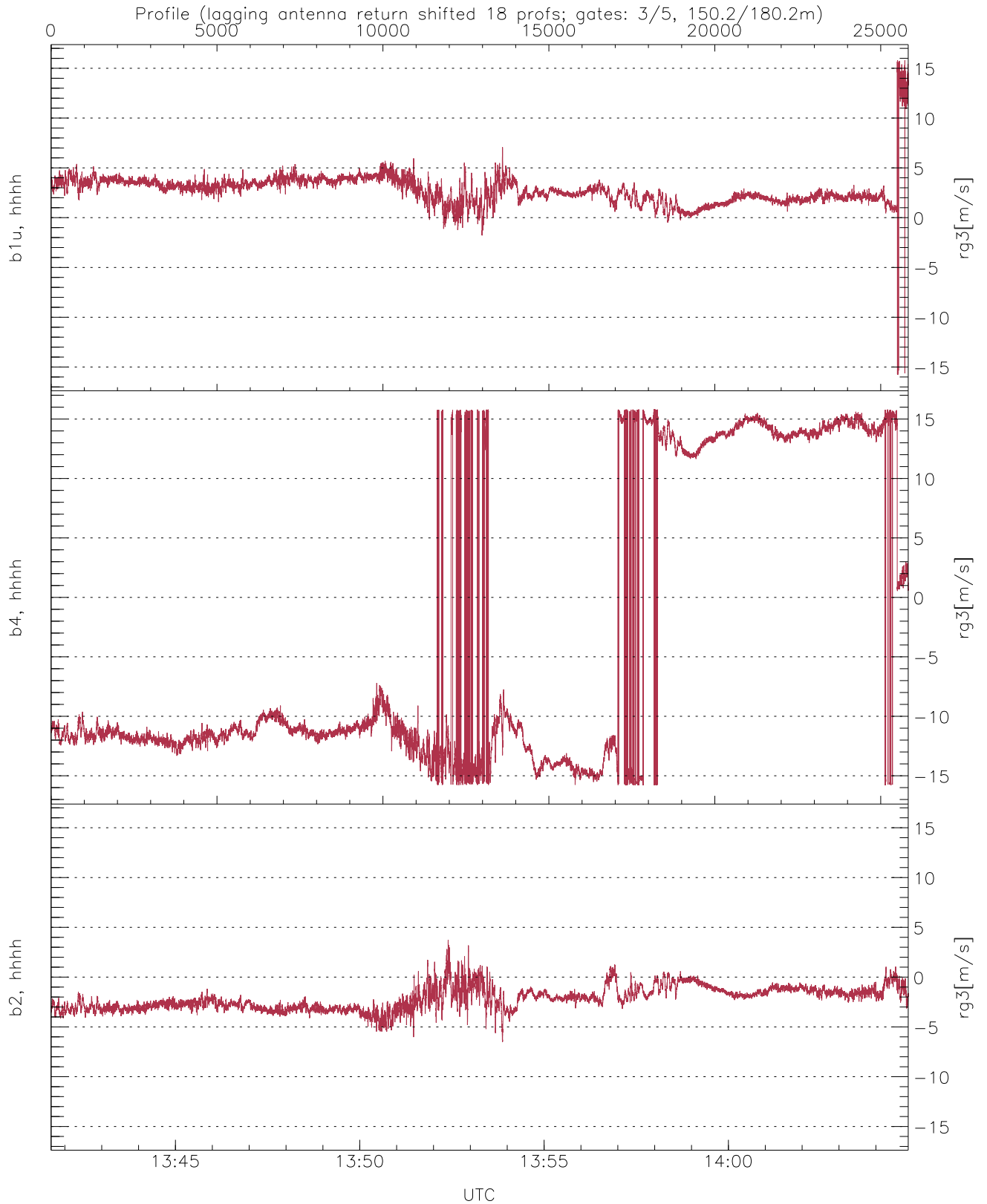
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-60.18	-2.42	-9.86
down-fore(hh[dBm])	-38.79	-5.86	-14.88
down(hh[dBm])	-35.88	-3.00	-11.54



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

	Min	Max	Mean
up/down (dB)	-52.40	21.52	1.75
down/down-fore (dB)	-9.08	19.35	5.09



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.78	15.79	2.80	1.67
b4, hhhh(rg3[m/s])	-15.80	15.80	-3.58	12.27
b2, hhhh(rg3[m/s])	-6.52	3.72	-2.14	1.15