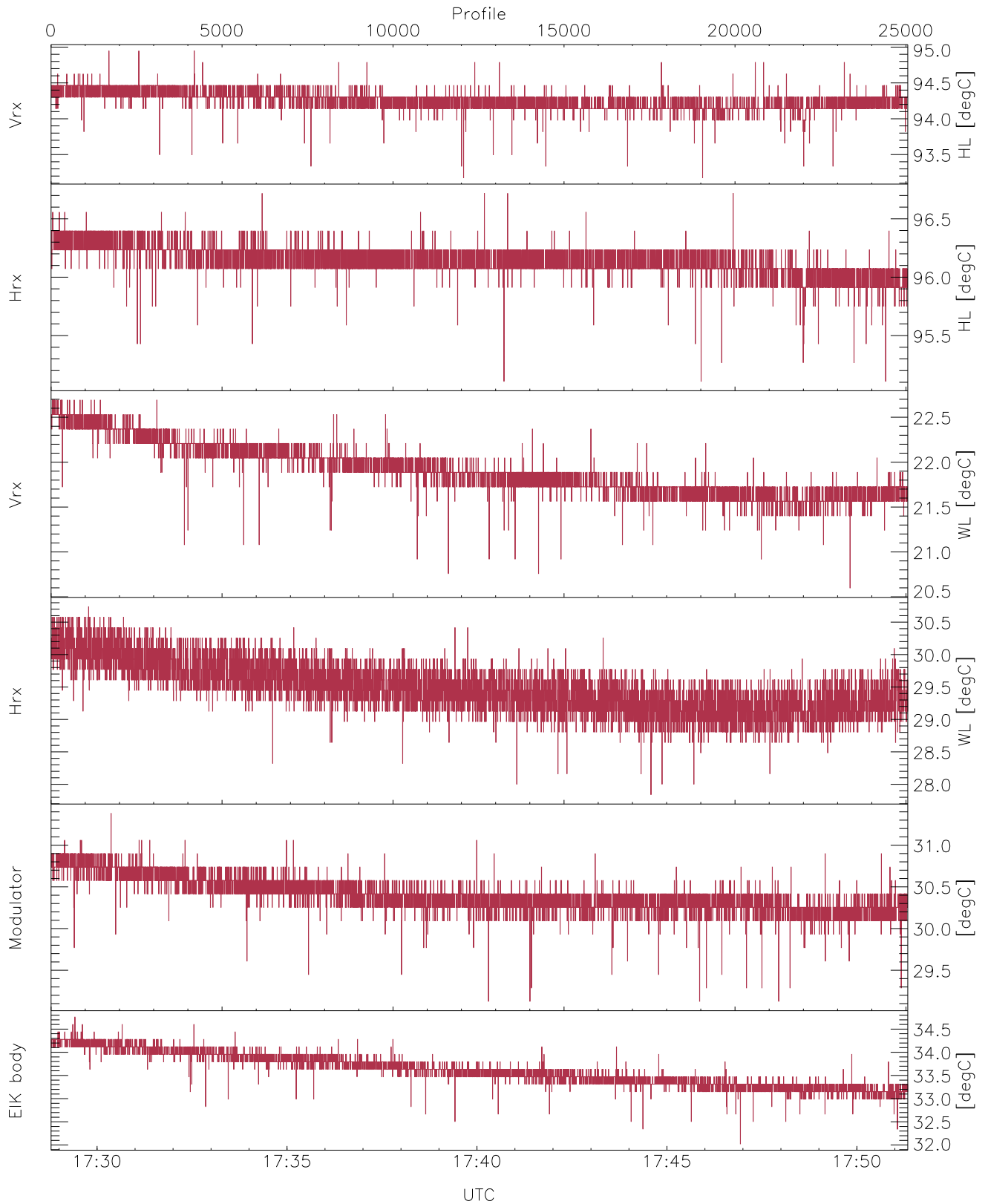


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

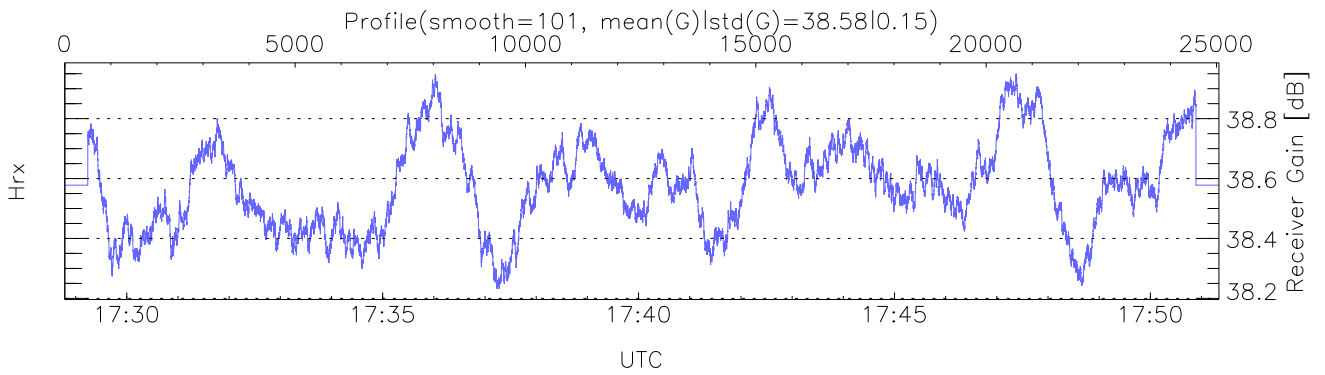
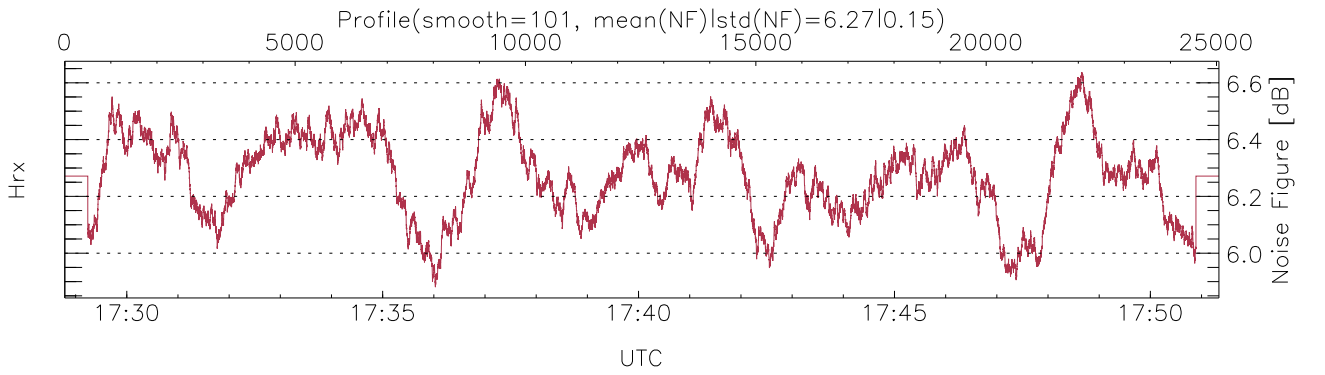
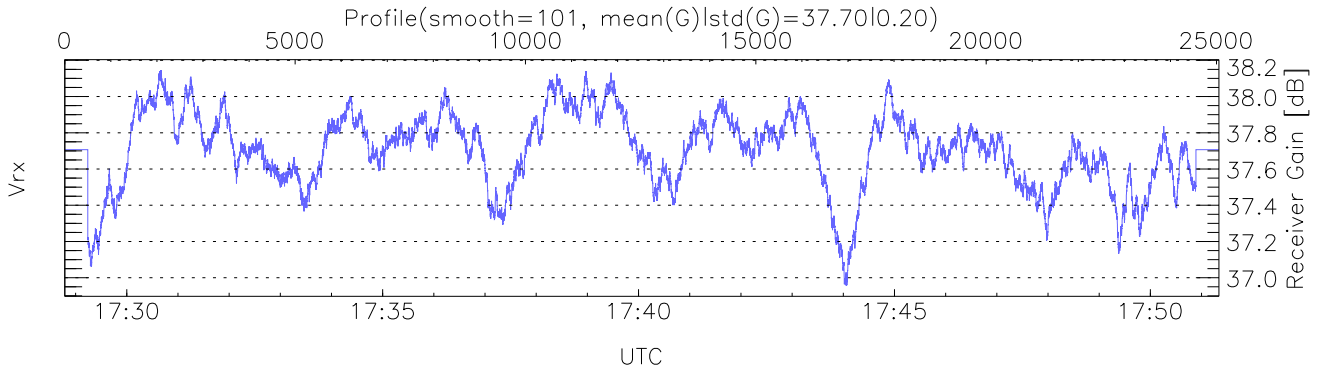
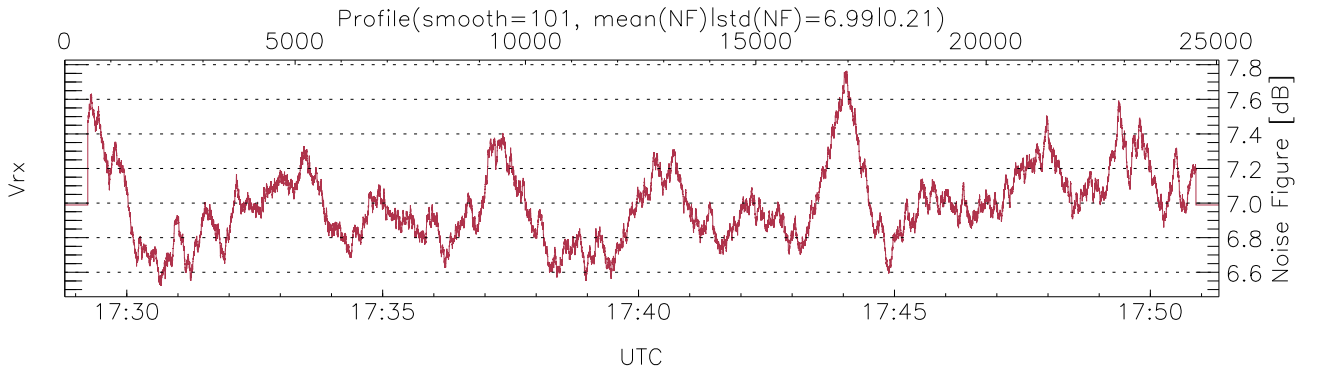
UTC: 17:28:47-17:51:20, Dur: 1353.20s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 54.0,54.0,54.0,0.0 ms / 19,19,19
 NumRec(r/t): 25054/25054, 0-25053/17:28:47-17:51:20
 AcqTime: 54.0ms, Rate: 287KB/s, Averages: 180
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 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

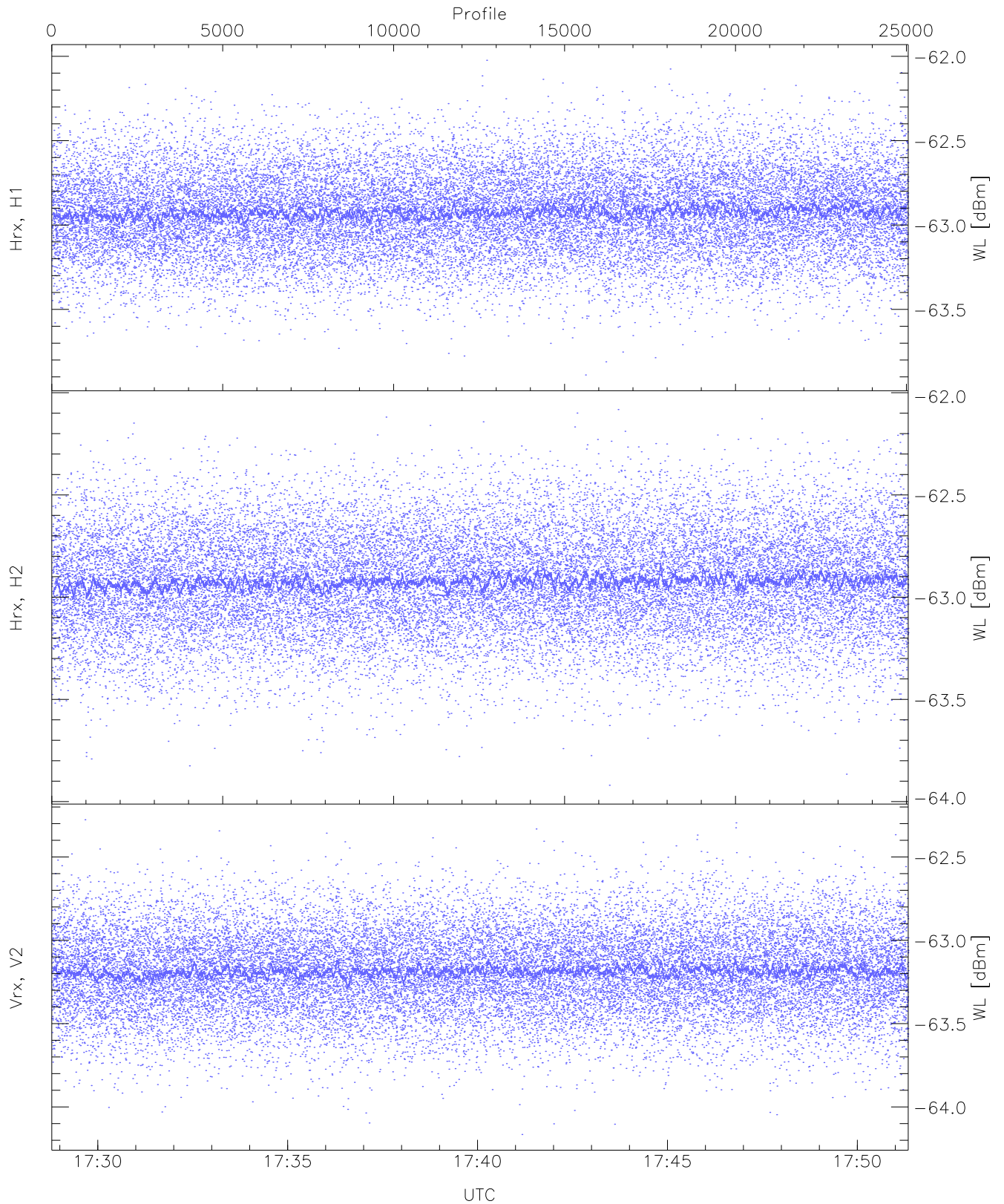
```

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,20,27,29,32
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,22,30,31,34
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
  DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (25,25,25,25,25,39)
    
```



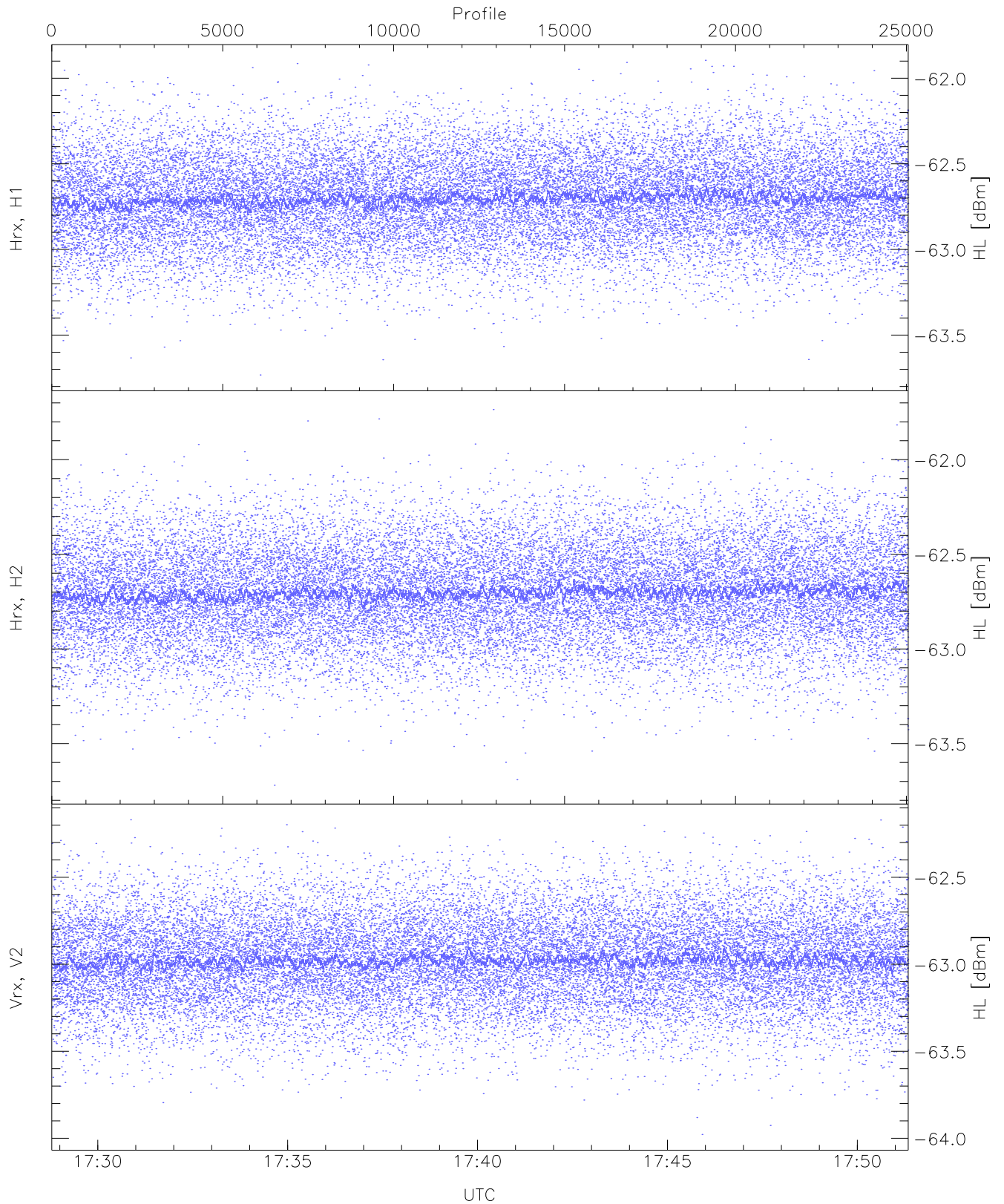
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 4529 pixs, 76 gates, 4021 profs, 2 prods



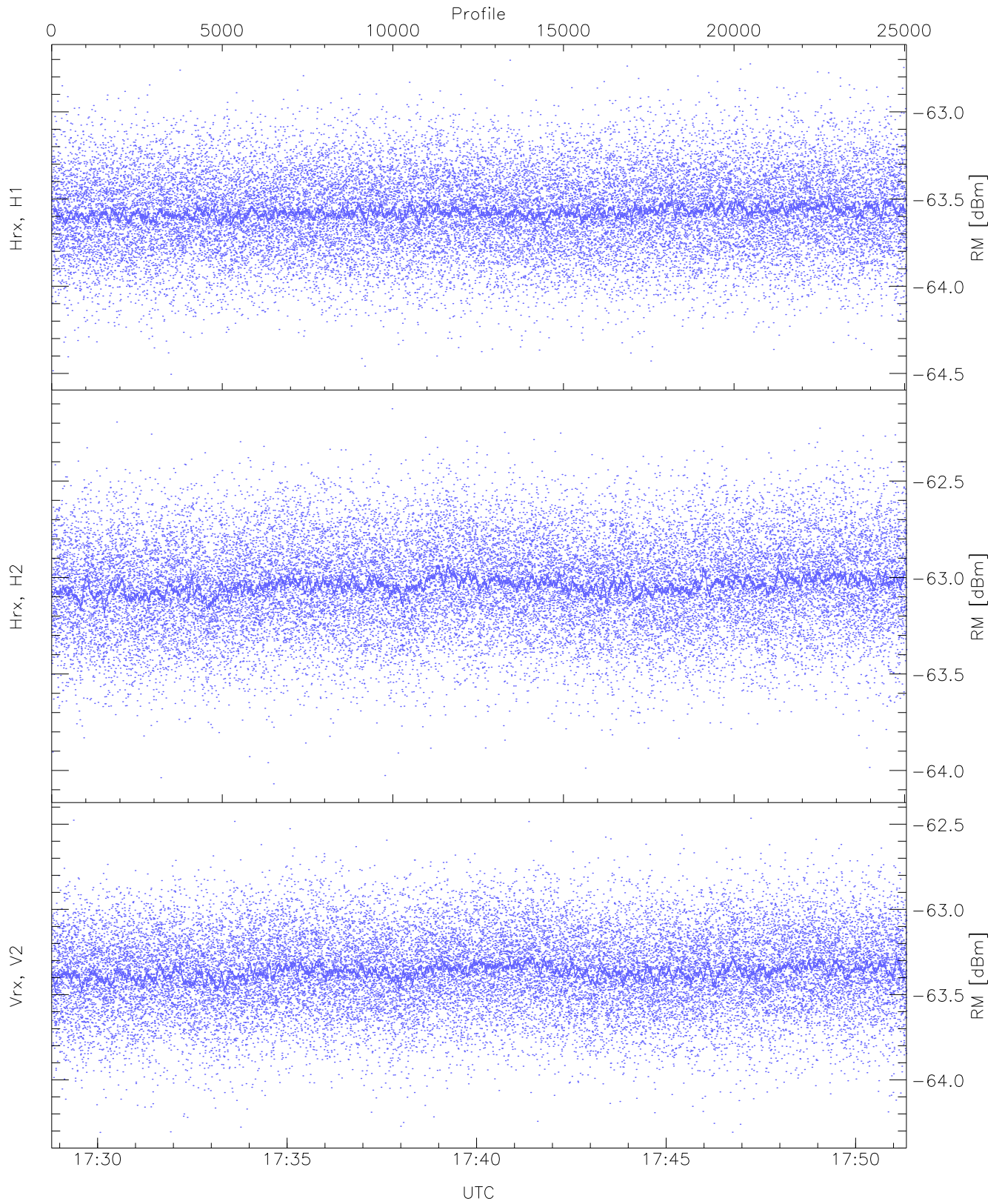
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-63.89	-62.02	-62.92	-62.93	-75.62
Hrx, H2 (WL [dBm])	-63.92	-62.08	-62.92	-62.93	-75.61
Vrx, V2 (WL [dBm])	-64.17	-62.28	-63.18	-63.19	-75.90



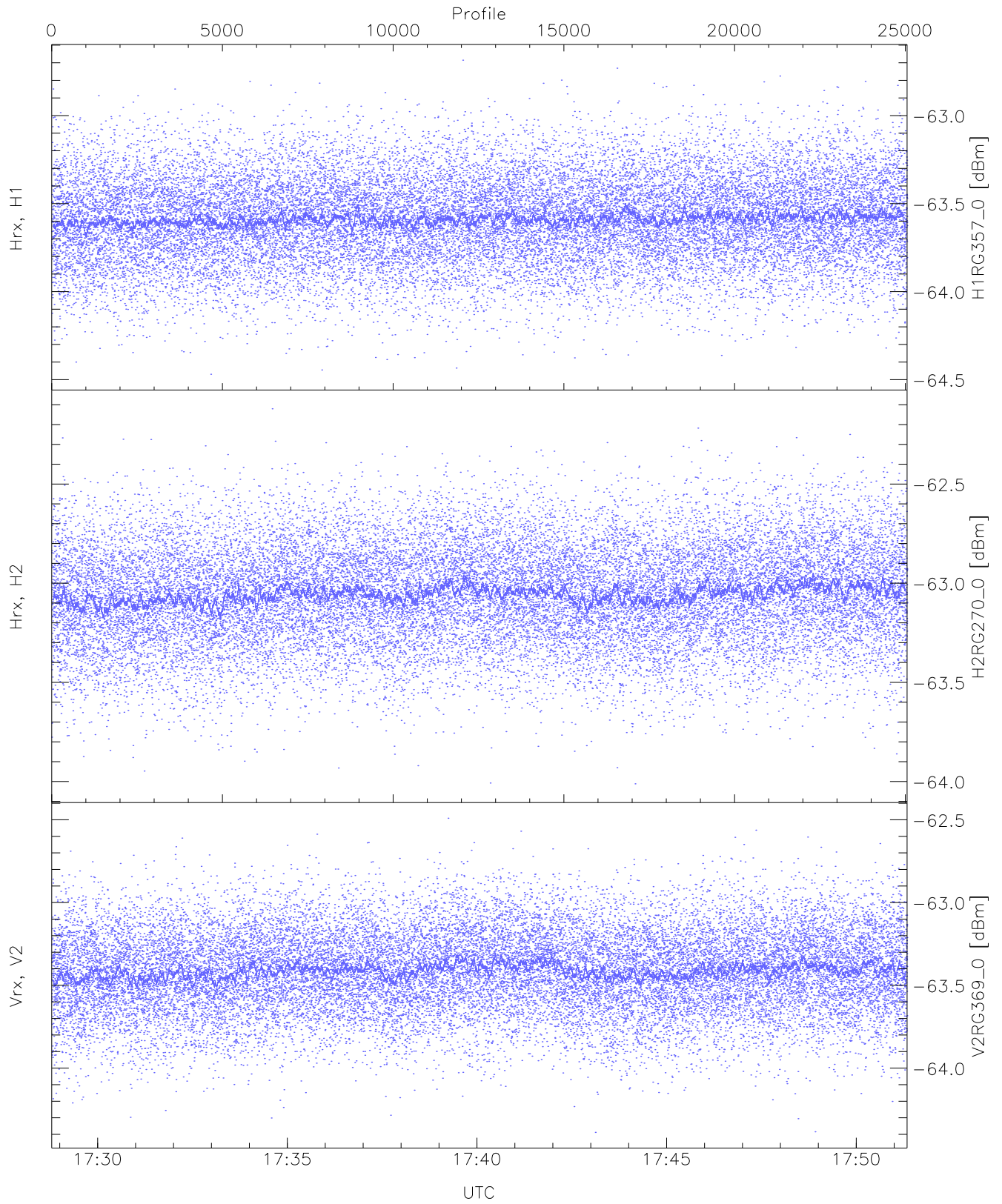
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.73	-61.90	-62.70	-62.71	-75.39
Hrx, H2 (HL [dBm])	-63.72	-61.74	-62.70	-62.71	-75.44
Vrx, V2 (HL [dBm])	-63.98	-62.17	-62.98	-62.98	-75.70



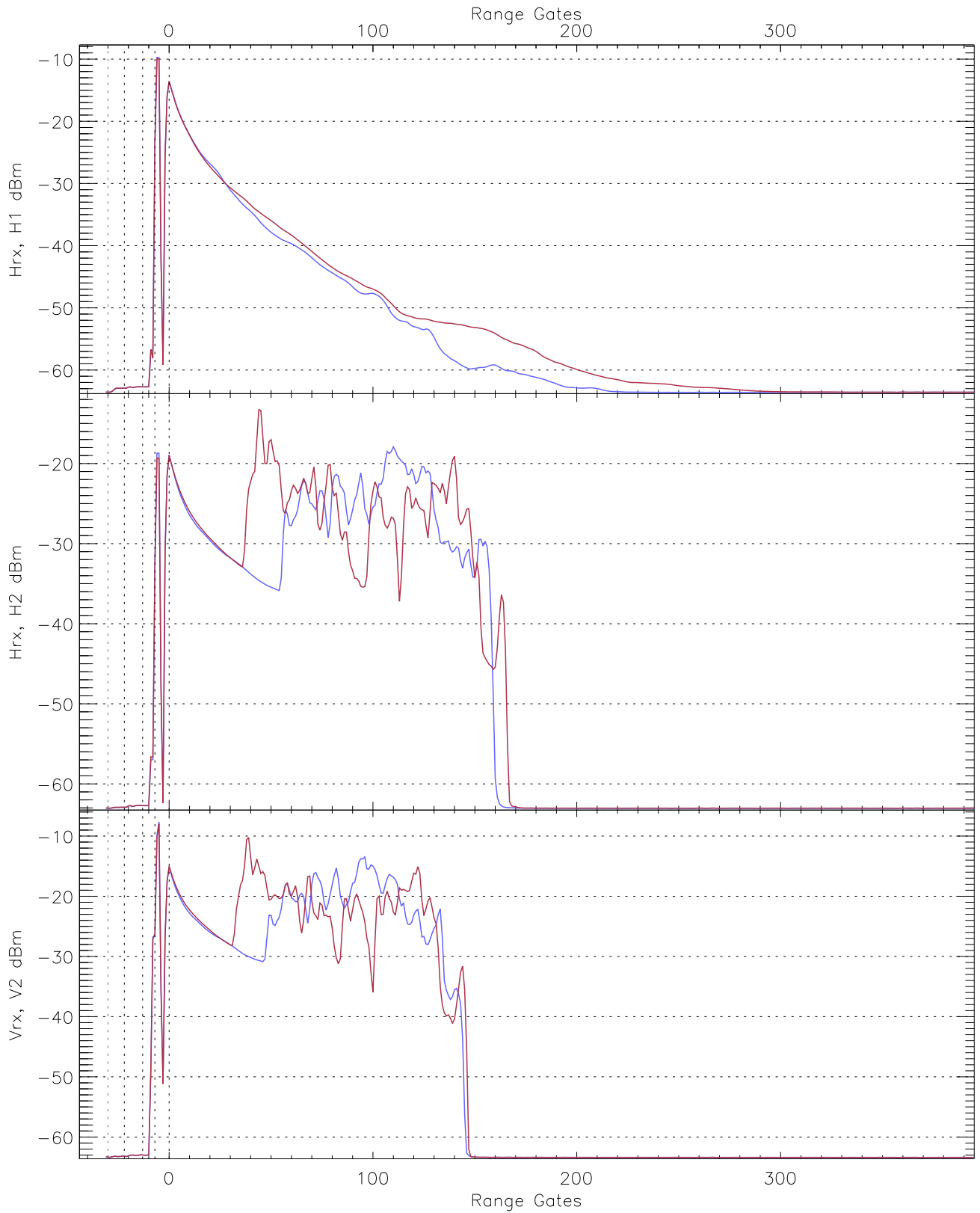
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.50	-62.70	-63.57	-63.58	-76.28
Hrx, H2 (RM [dBm])	-64.07	-62.13	-63.04	-63.04	-75.69
Vrx, V2 (RM [dBm])	-64.31	-62.47	-63.36	-63.37	-76.03

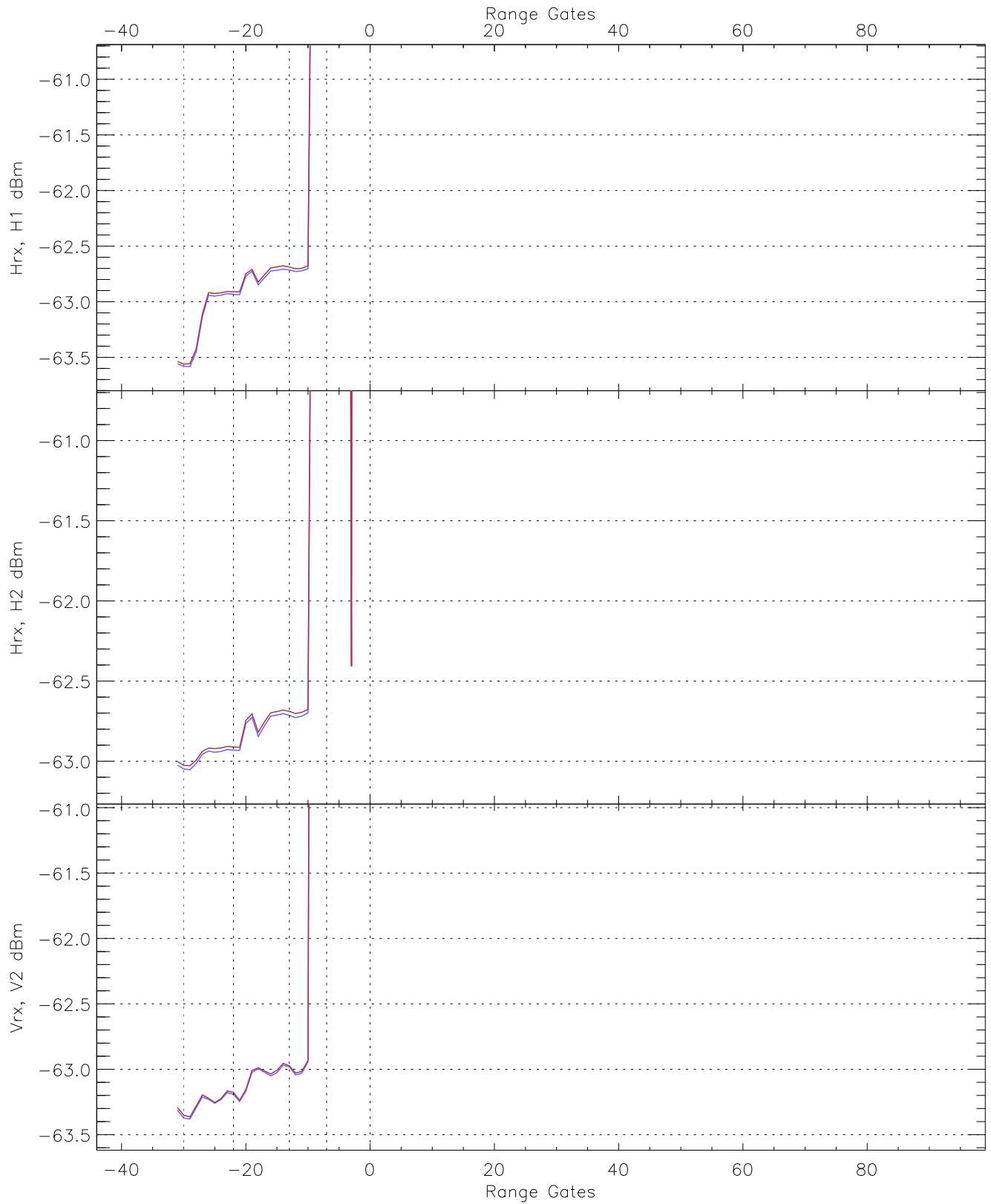


WCR2 CPP "Best" estimate Receivers Noise Power

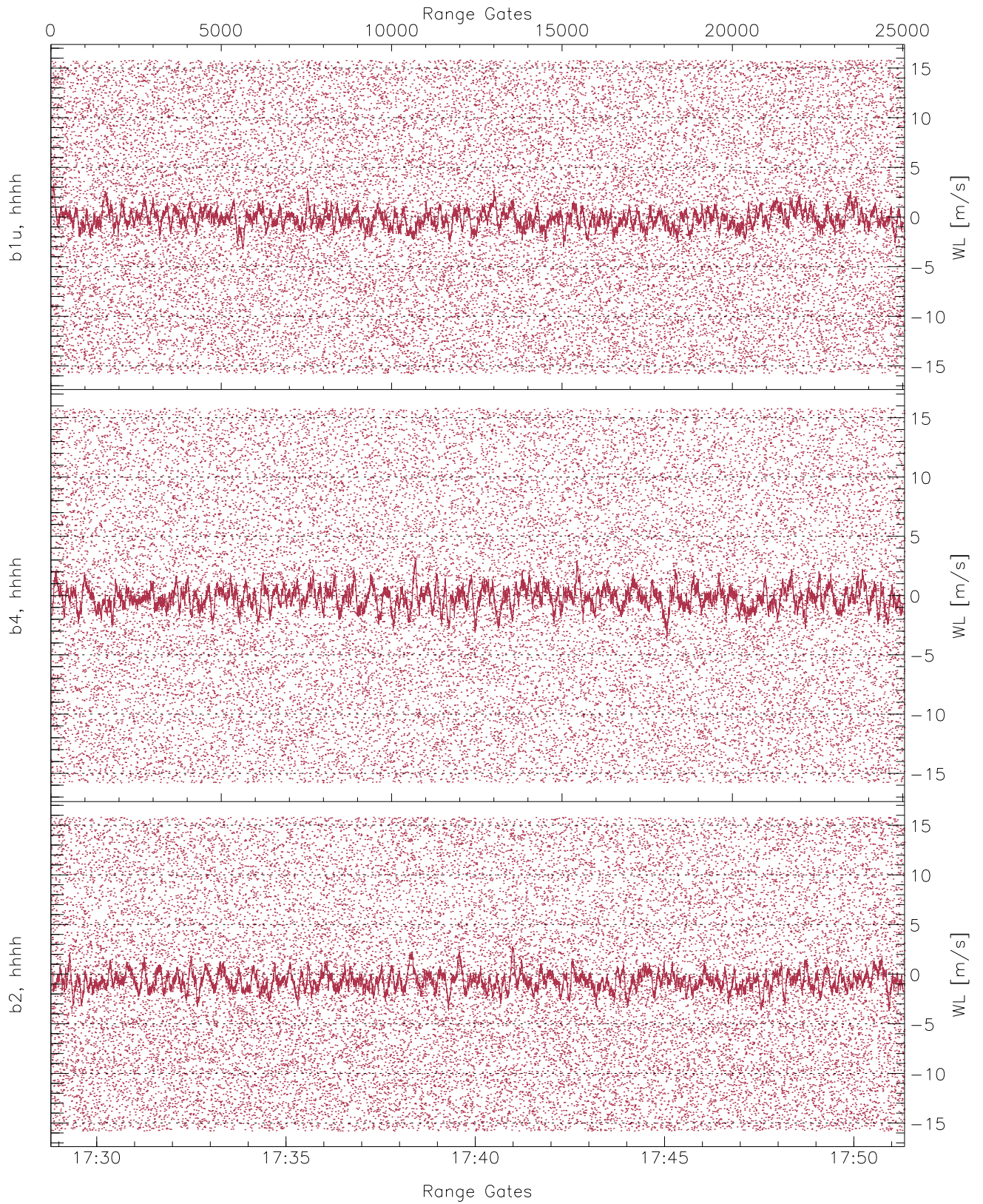
	Min	Max	Mean	Median	StDev
H1RG357_0 [dBm]	-64.47	-62.69	-63.59	-63.59	-76.29
H2RG270_0 [dBm]	-64.01	-62.12	-63.05	-63.06	-75.70
V2RG369_0 [dBm]	-64.39	-62.49	-63.41	-63.41	-76.09



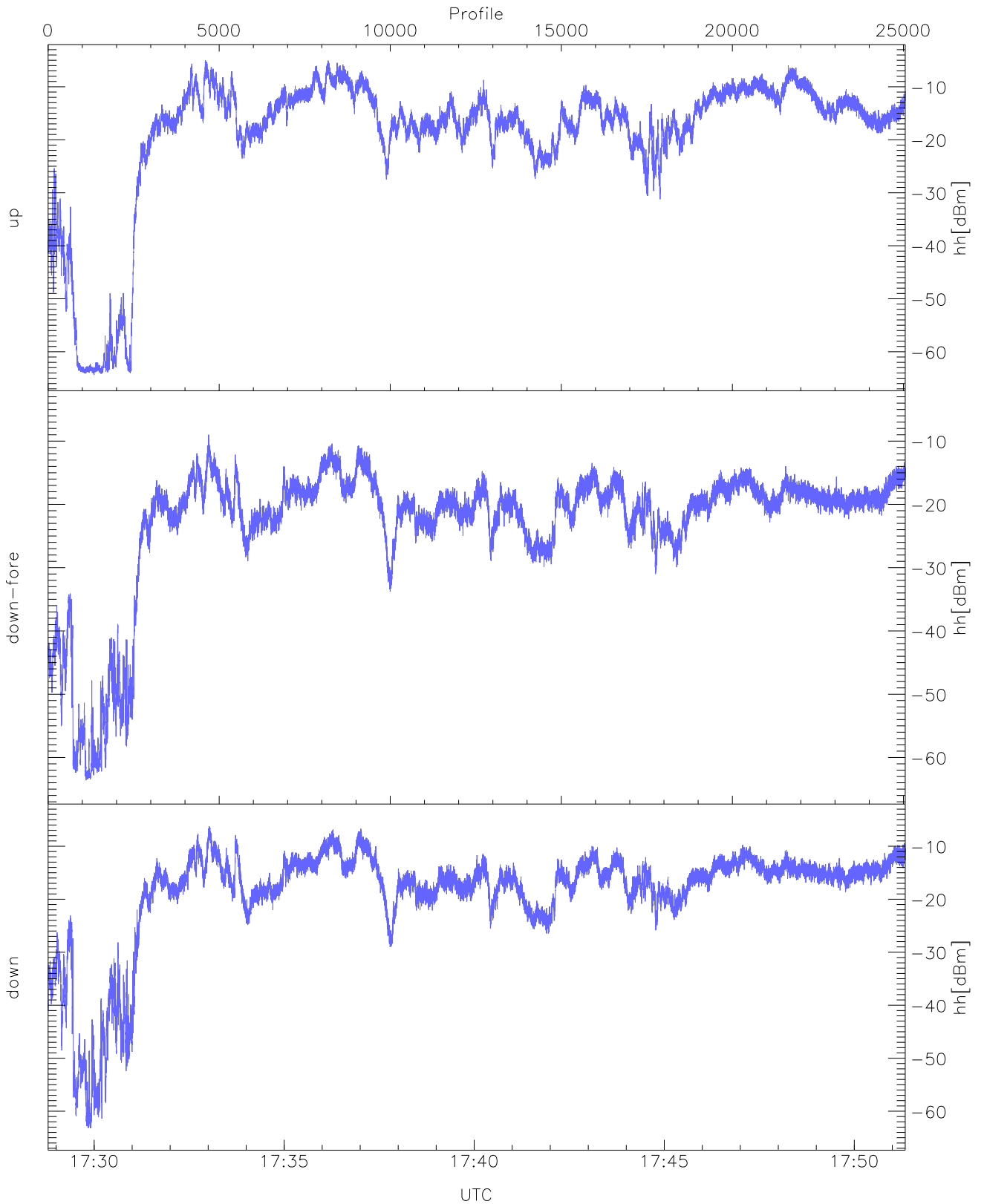
WCR2 CPP Averaged Received power for all recorded gates
blue: 172847-174004, 12528 profiles averaged
red: 174004-175120, 12527 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 172847-174004, 12528 profiles averaged
red: 174004-175120, 12527 profiles averaged

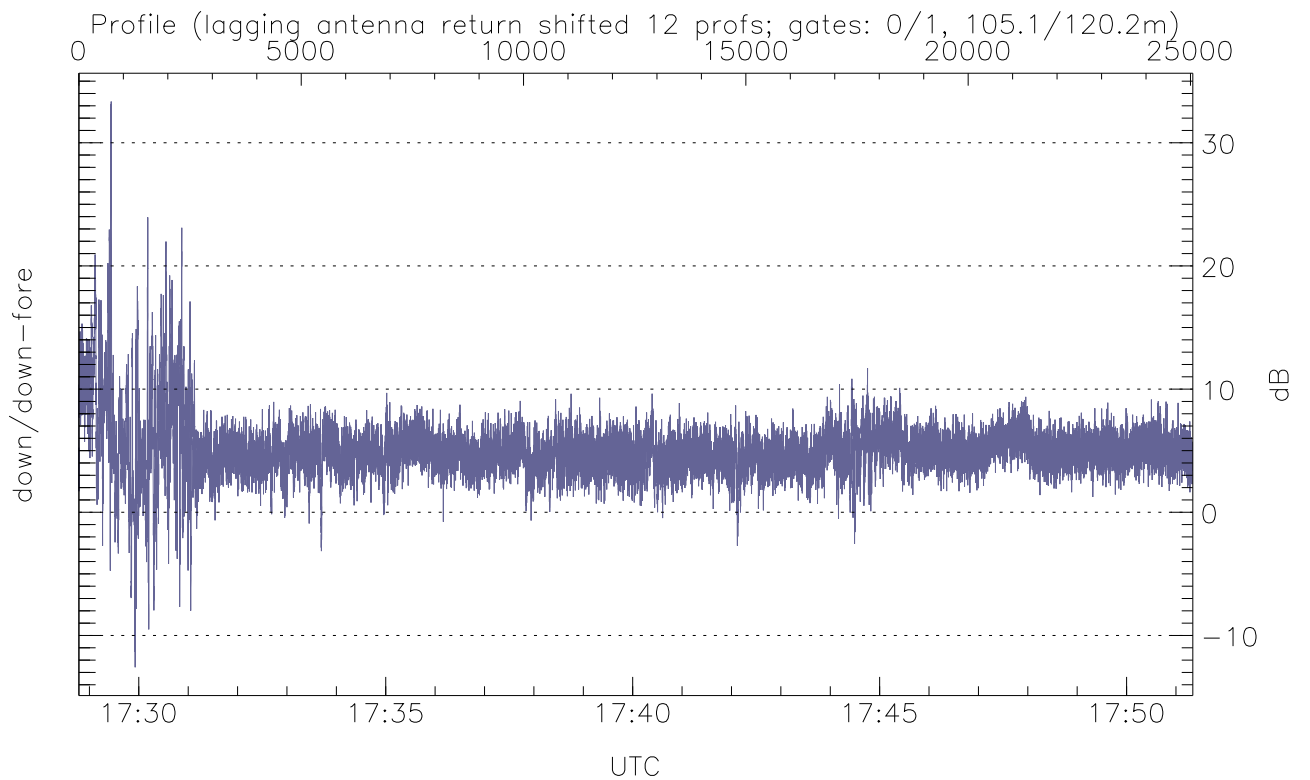
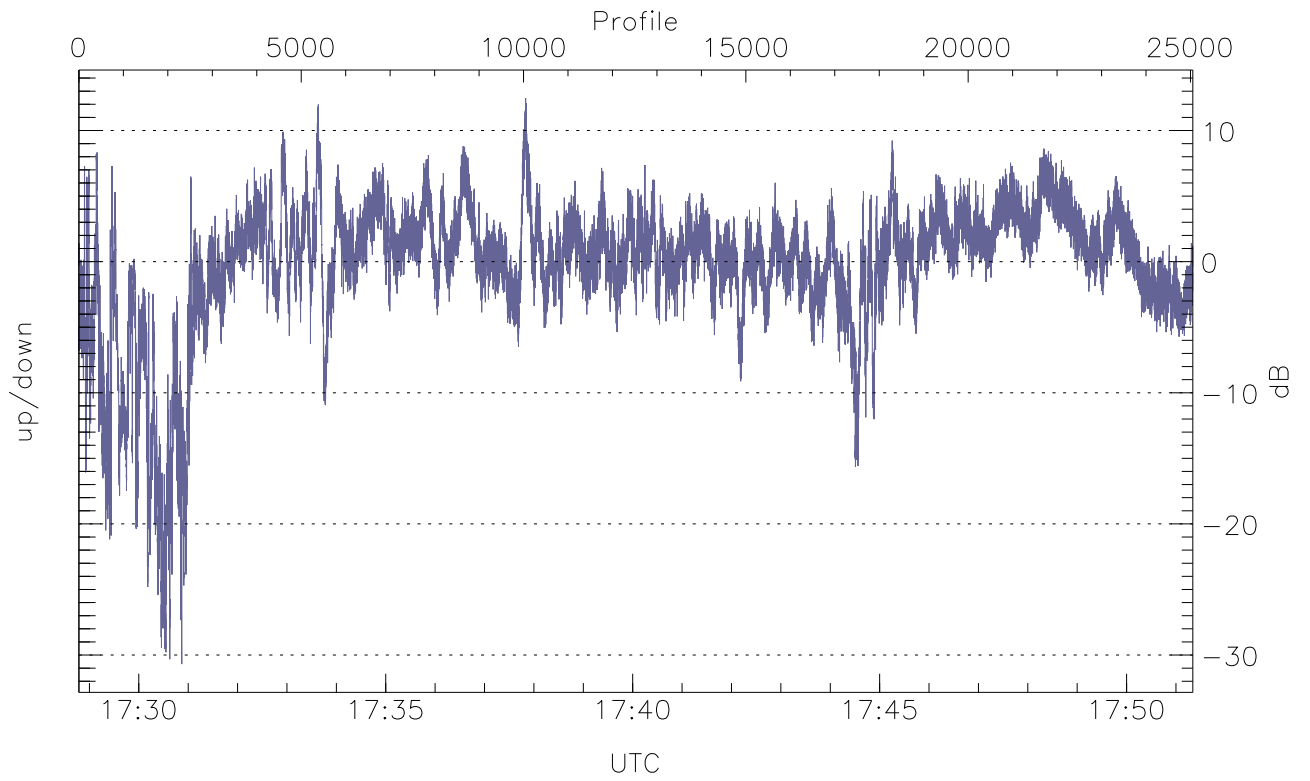


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



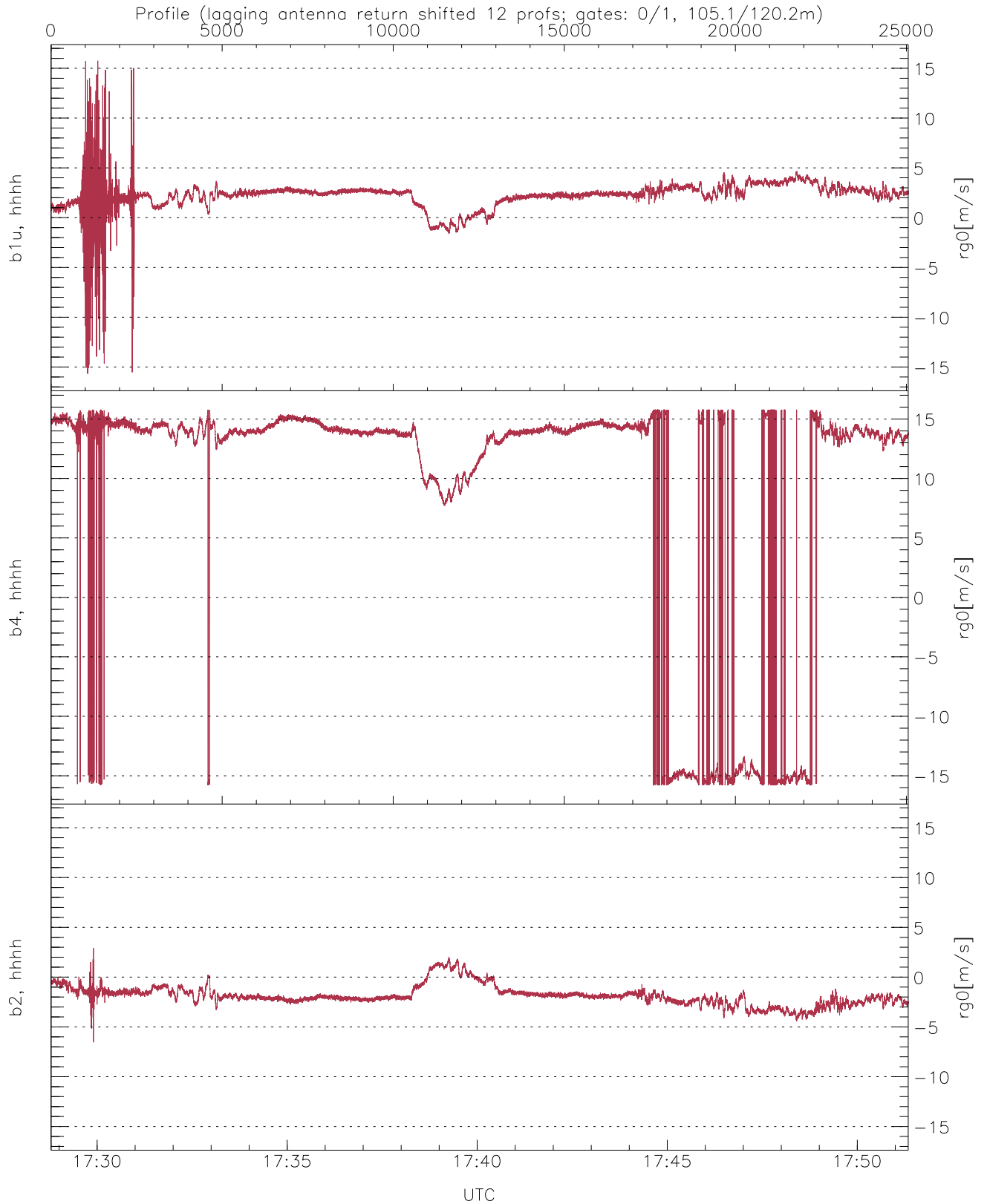
WCR2 CPP Received Power Products for Range gate 0 (105.1 m)

	Min	Max	Mean
up(hh[dBm])	-64.39	-5.01	-13.57
down-fore(hh[dBm])	-63.60	-8.98	-18.94
down(hh[dBm])	-63.22	-6.23	-15.10



WCR2 Beam pairs Received Power Ratio(s); RangeGate: 0 (105 m)

	Min	Max	Mean
up/down (dB)	-30.69	12.46	-0.26
down/down-fore (dB)	-12.58	33.35	5.08



WCR2 CPP Doppler Velocity Products at 105.1 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg0[m/s])	-15.68	15.76	2.19	1.33
b4, hhhh(rg0[m/s])	-15.80	15.80	9.17	10.67
b2, hhhh(rg0[m/s])	-6.54	2.91	-1.85	0.99