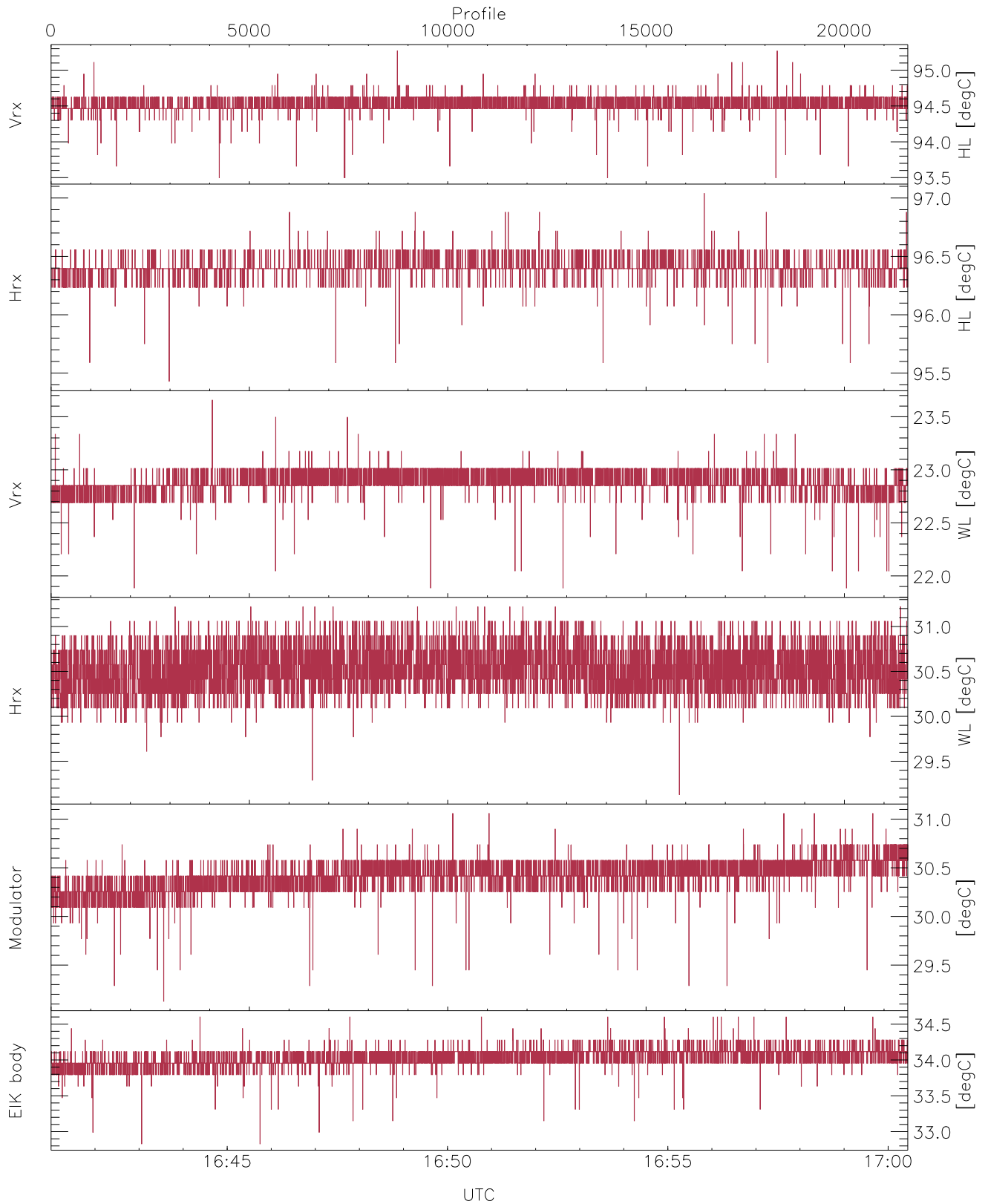


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

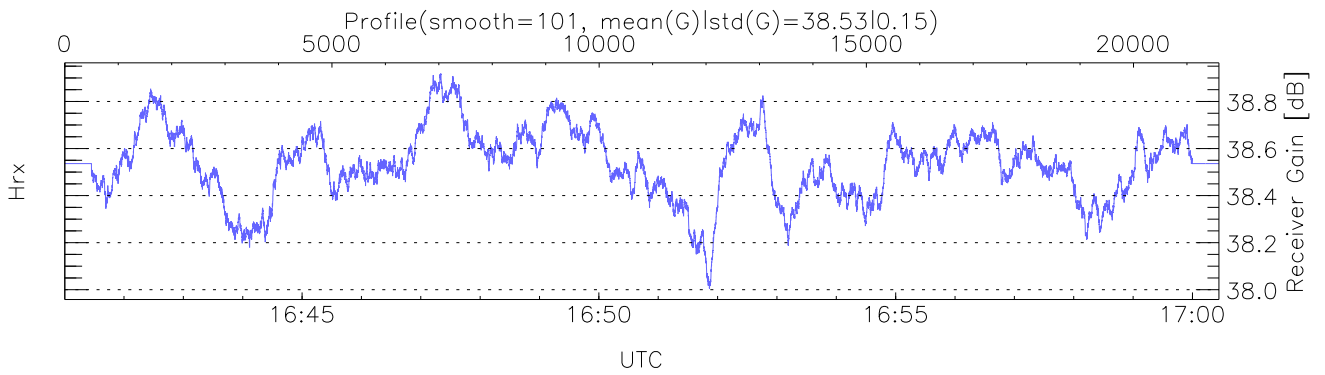
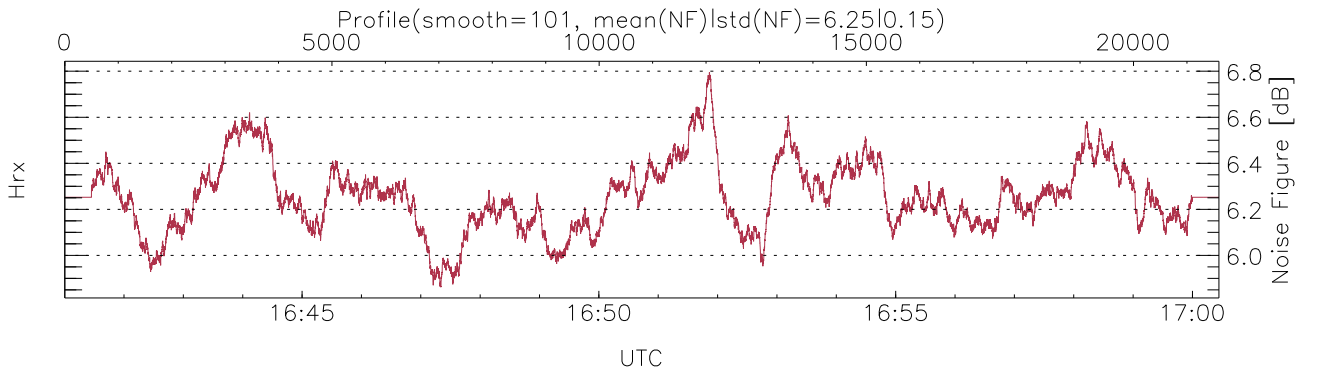
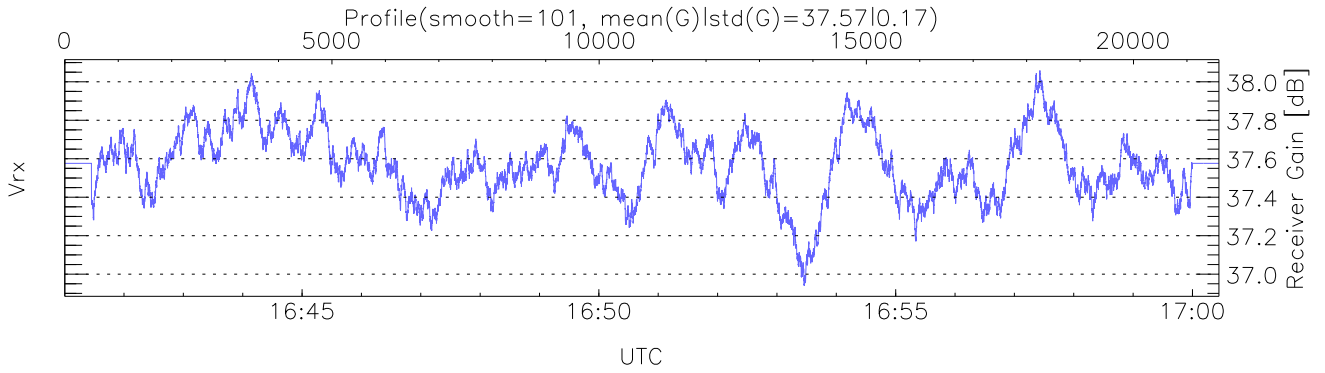
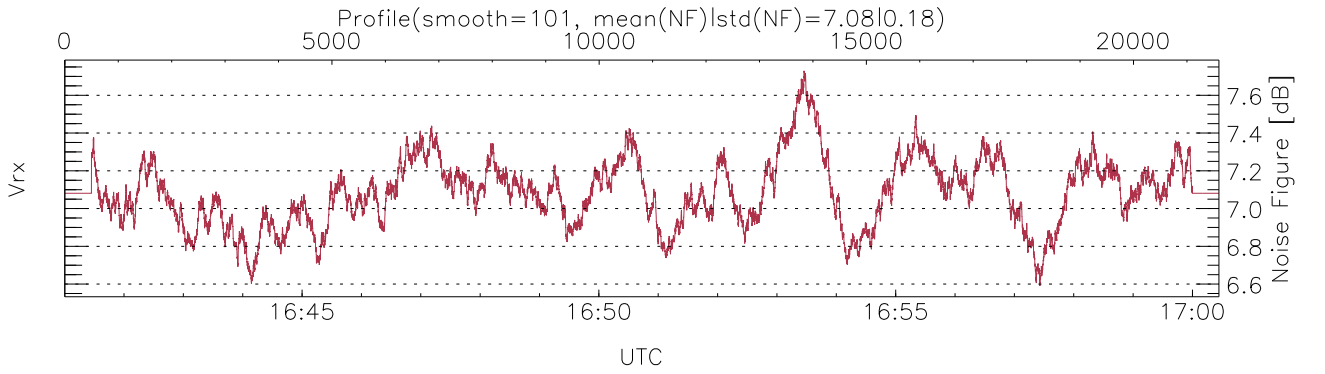
UTC: 16:41:00-17:13:12, Dur: 1931.36s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 54.0,54.0,54.0,0.0 ms / 19,19,19
 NumRec(r/t): 21600/35758, 0-21599/16:41:00-17:00:27
 AcqTime: 54.0ms, Rate: 287KB/s, Averages: 180
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 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

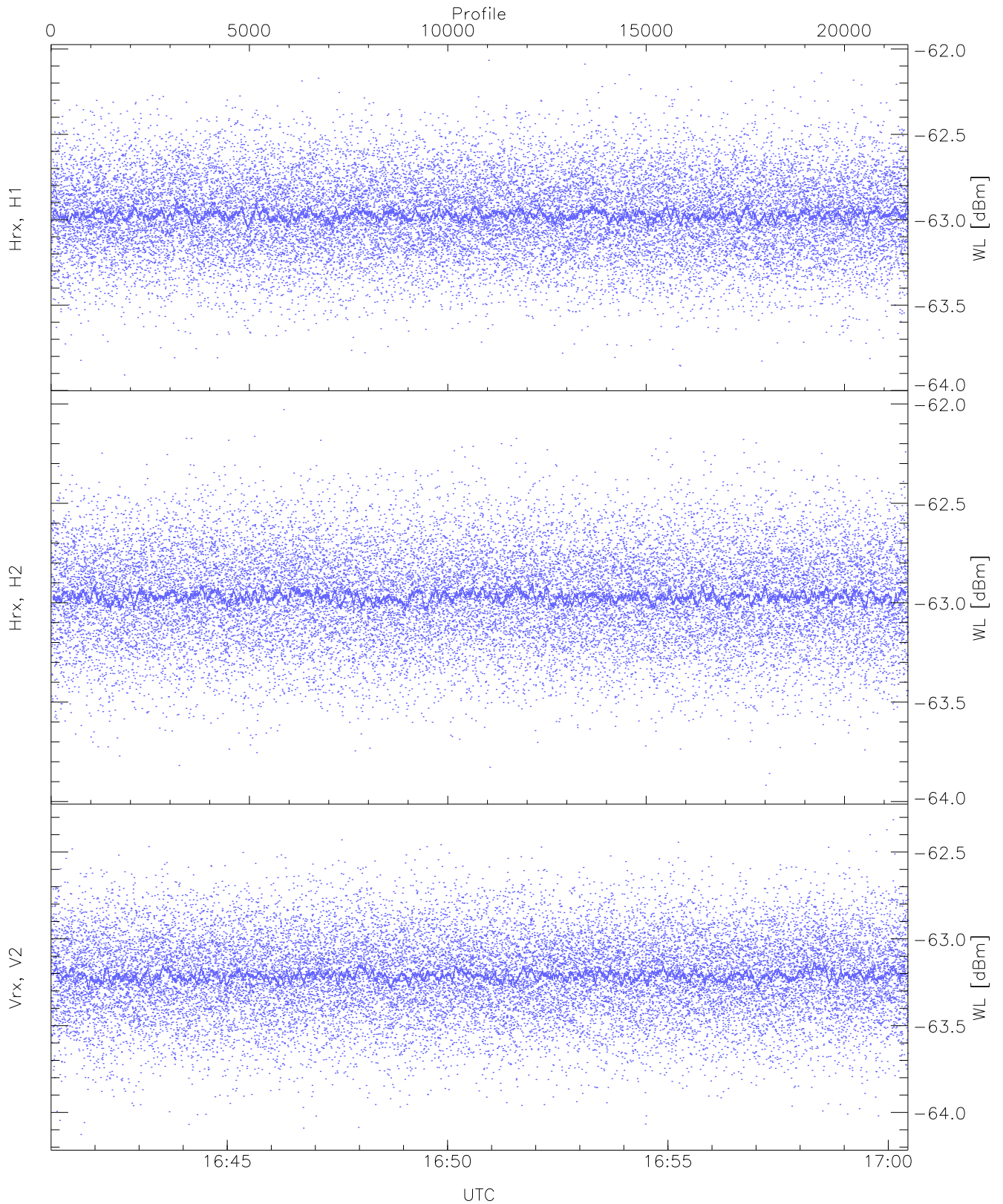
```

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,21,29,29,32
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 95,97,23,31,31,34
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
  DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (19,19,19,29,19,19)
    
```



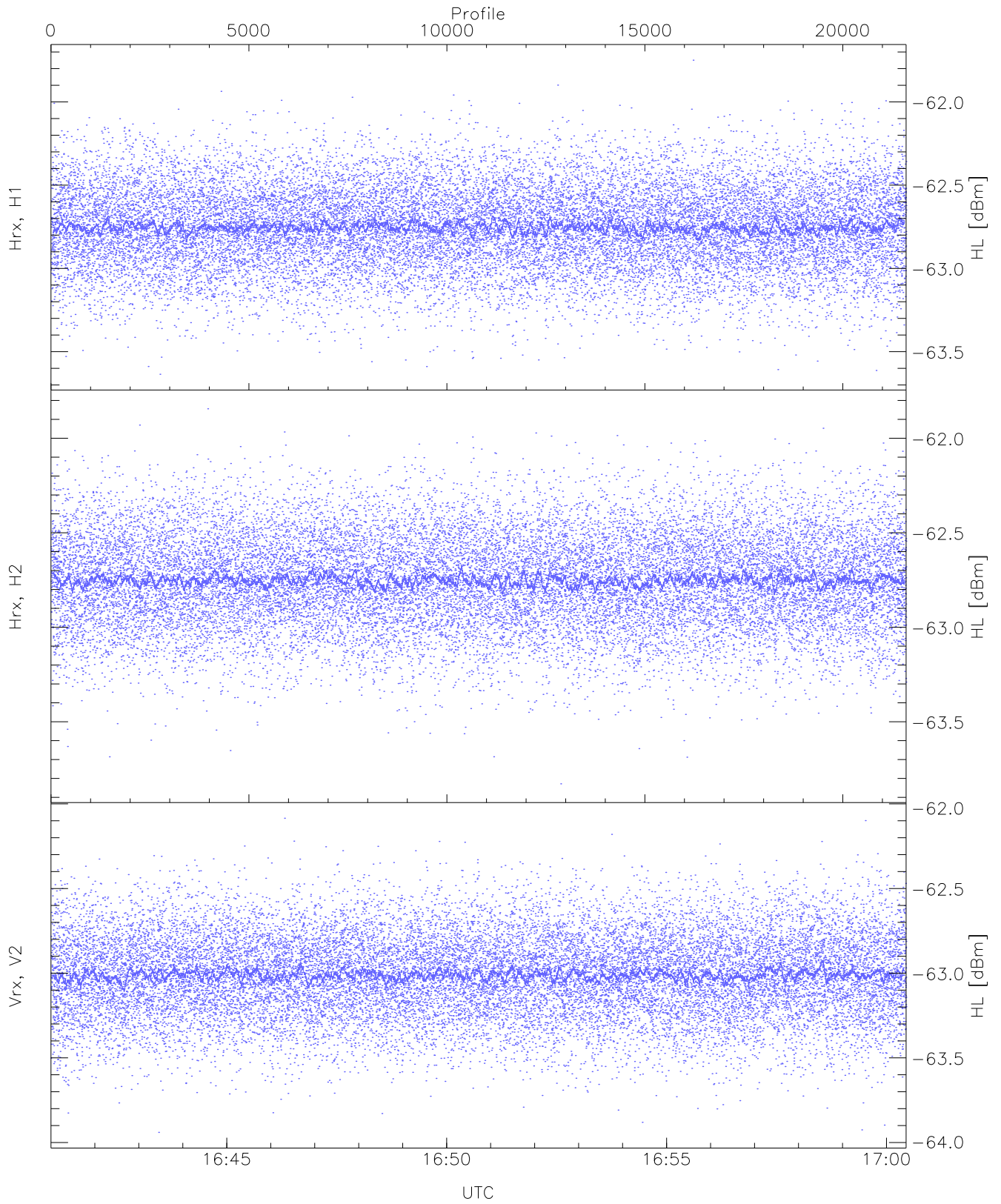
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 2837 pixs, 59 gates, 2721 profs, 2 prods



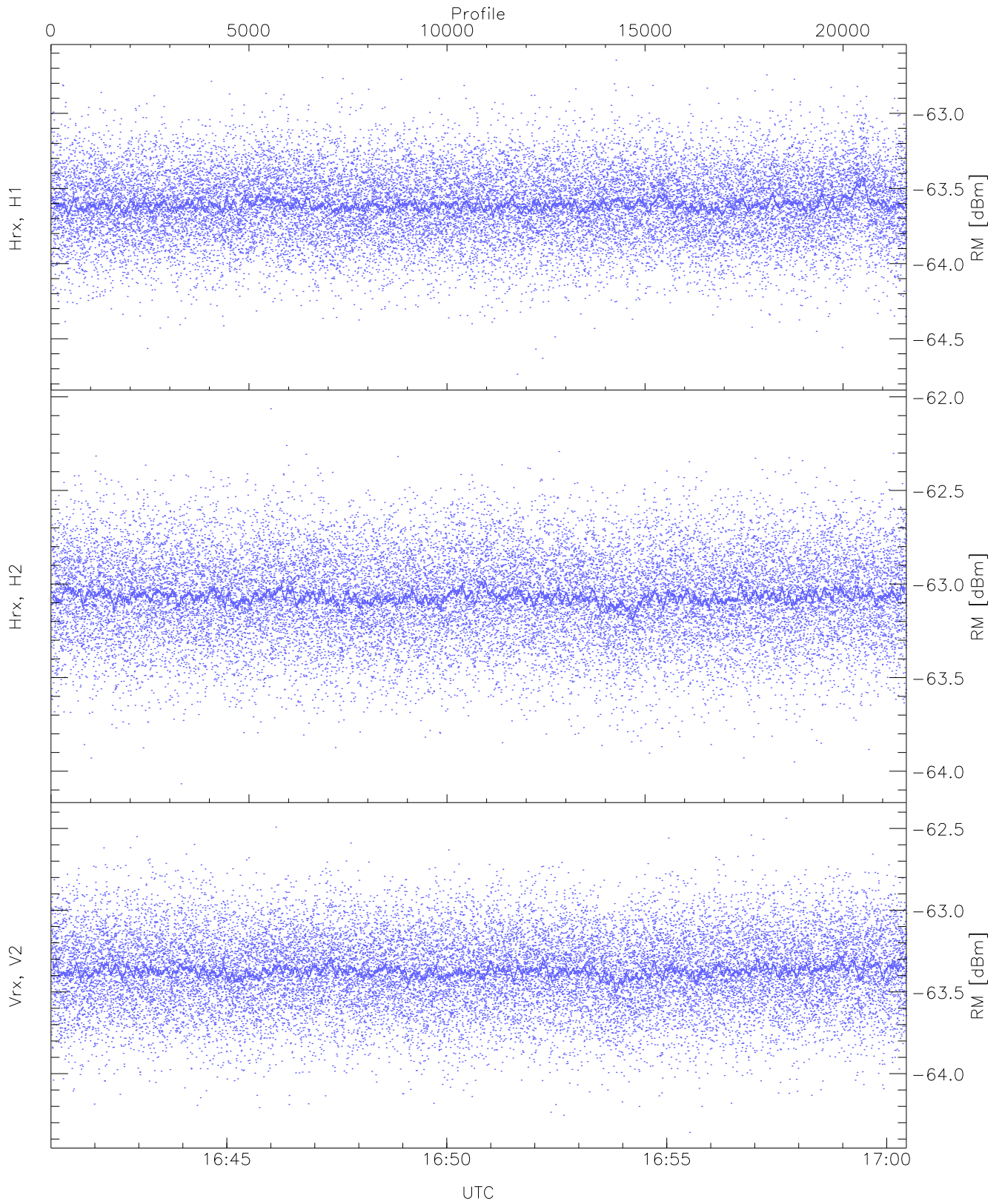
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.91	-62.07	-62.97	-62.97	-75.70
Hrx, H2(WL [dBm])	-63.92	-62.03	-62.97	-62.97	-75.71
Vrx, V2(WL [dBm])	-64.13	-62.31	-63.21	-63.21	-75.94



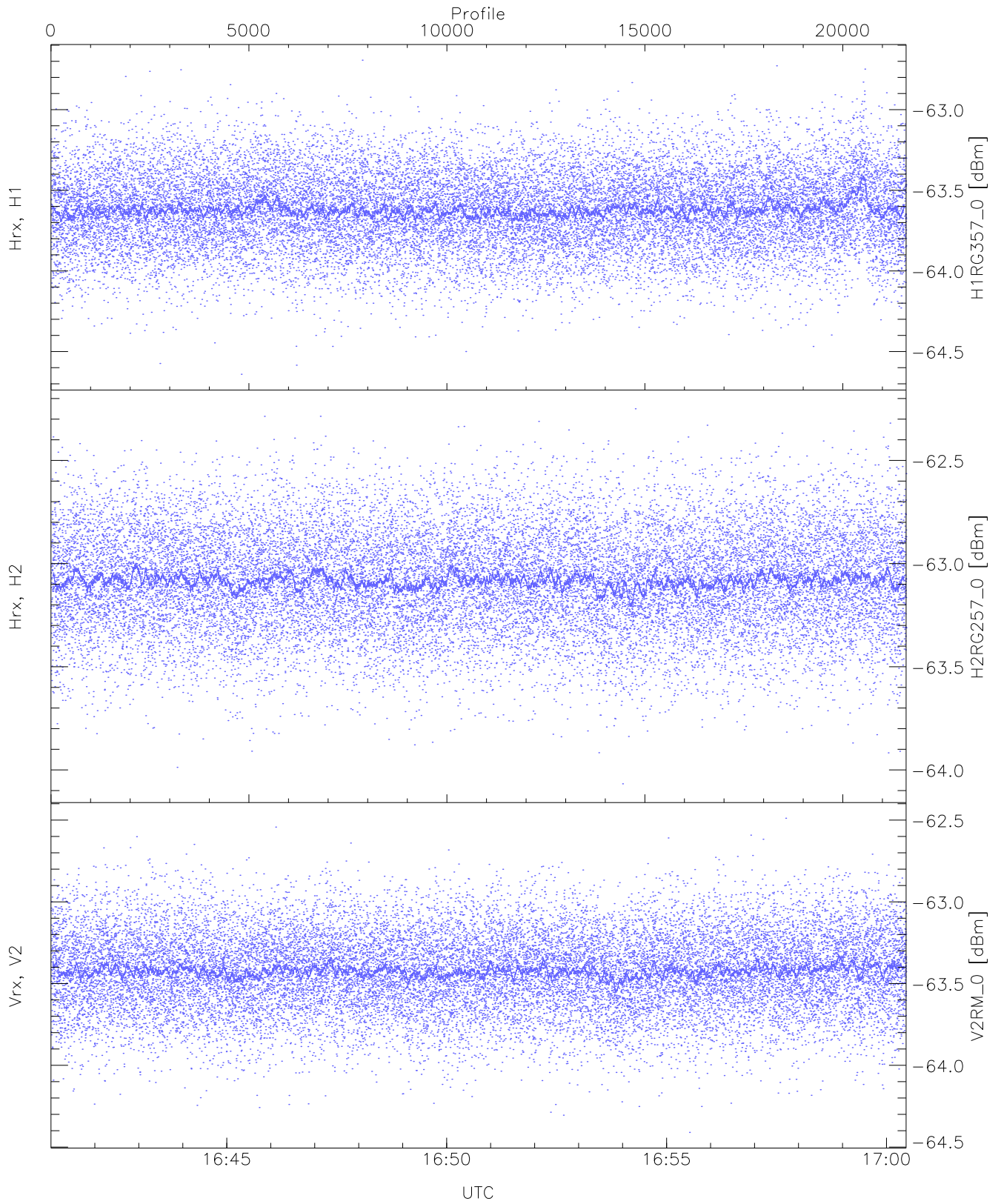
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.64	-61.75	-62.75	-62.75	-75.44
Hrx, H2 (HL [dBm])	-63.83	-61.84	-62.75	-62.75	-75.44
Vrx, V2 (HL [dBm])	-63.94	-62.09	-63.01	-63.01	-75.72



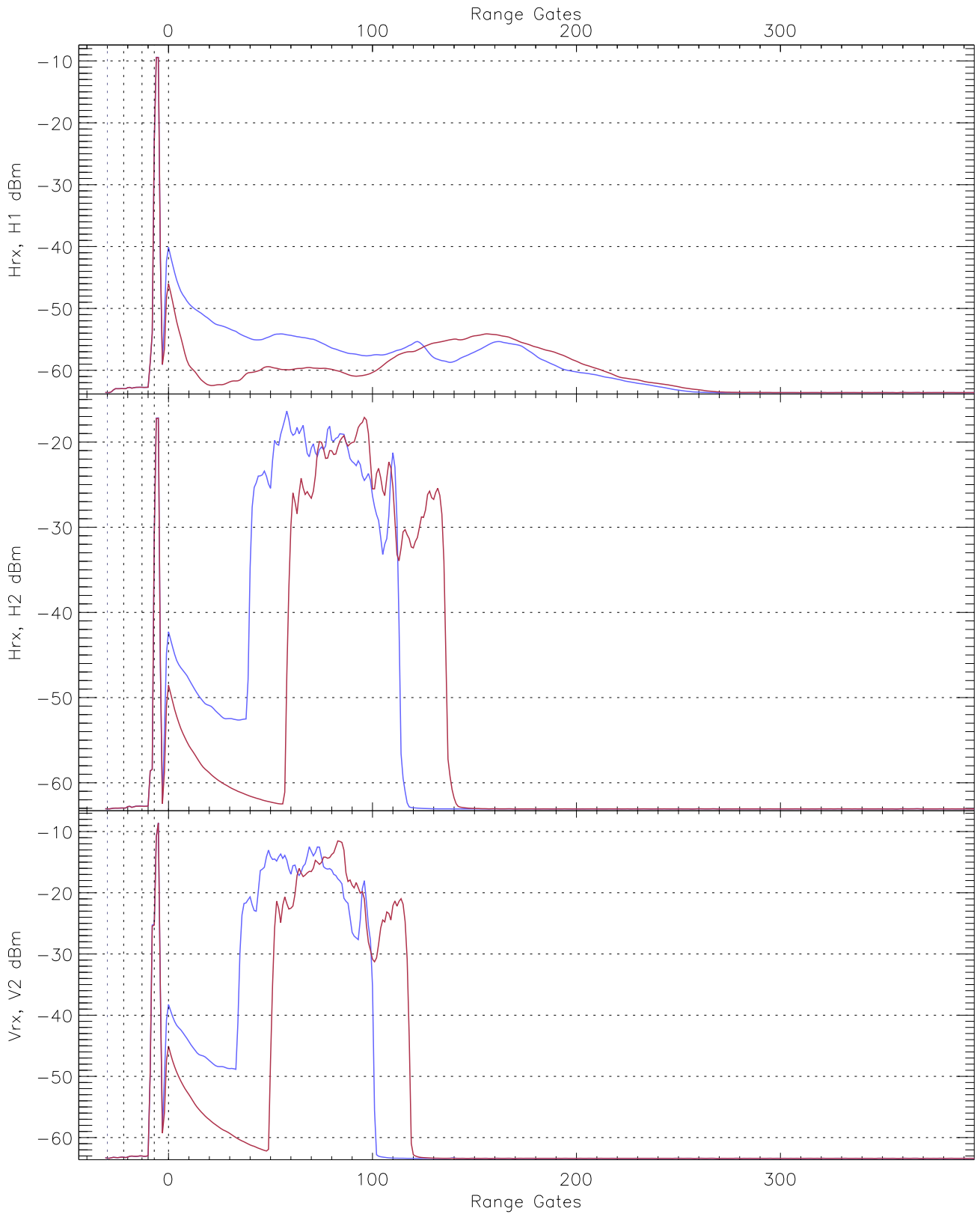
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.74	-62.65	-63.60	-63.61	-76.28
Hrx, H2 (RM [dBm])	-64.07	-62.06	-63.07	-63.07	-75.80
Vrx, V2 (RM [dBm])	-64.36	-62.44	-63.37	-63.37	-76.09

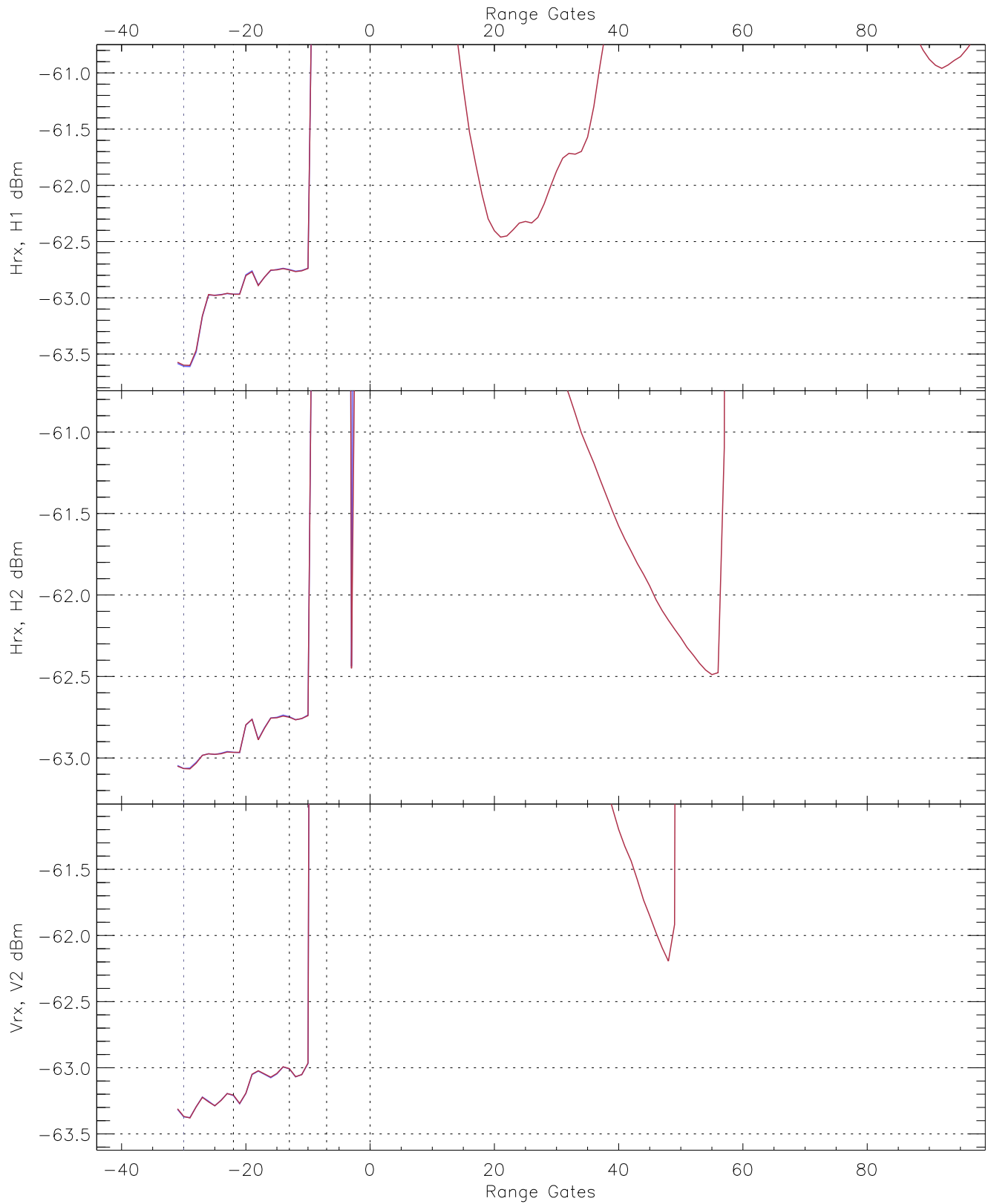


WCR2 CPP "Best" estimate Receivers Noise Power

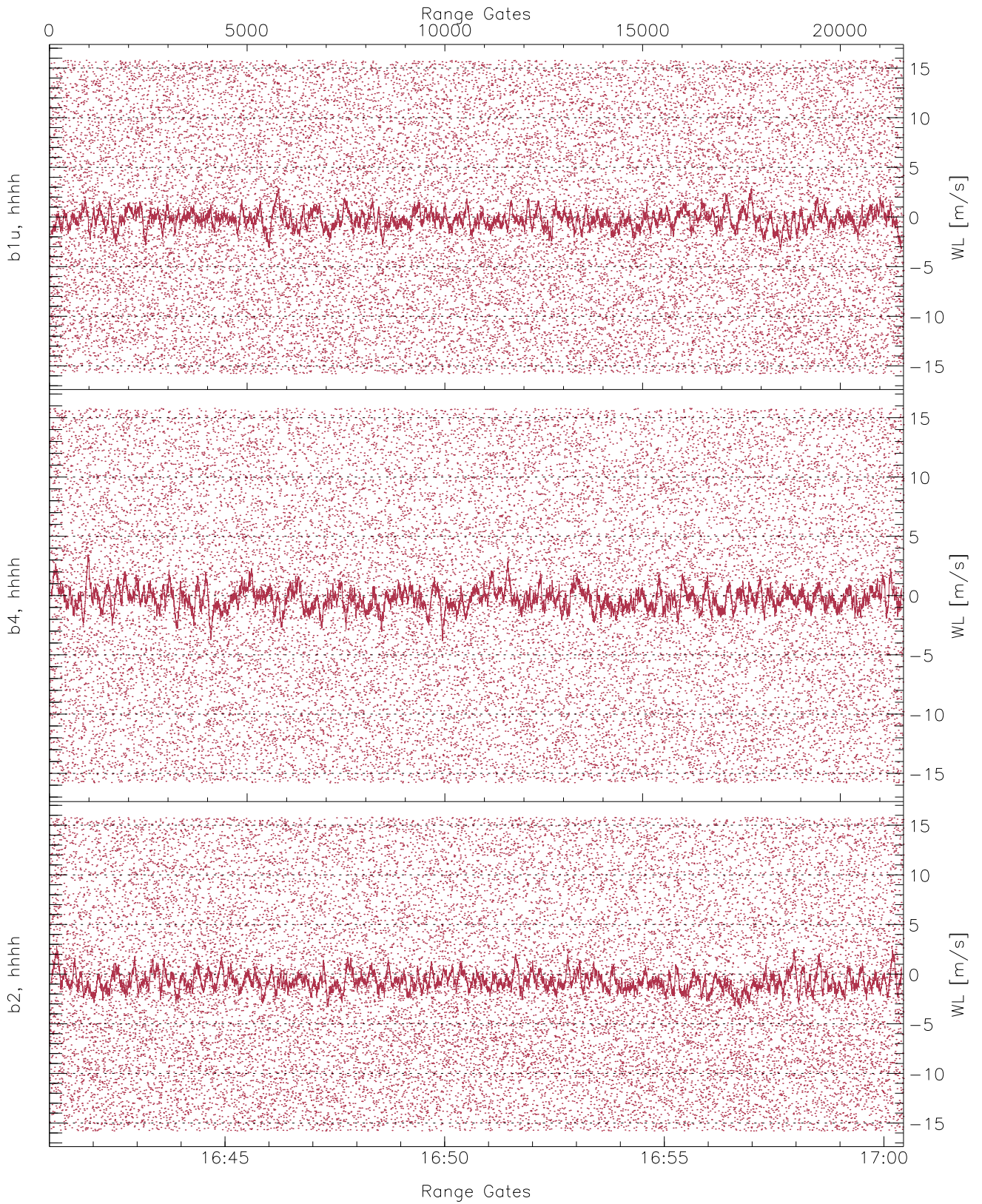
	Min	Max	Mean	Median	StDev
H1RG357_0 [dBm]	-64.64	-62.69	-63.62	-63.62	-76.33
H2RG257_0 [dBm]	-64.07	-62.25	-63.08	-63.08	-75.78
V2RM_0 [dBm]	-64.41	-62.49	-63.42	-63.42	-76.14



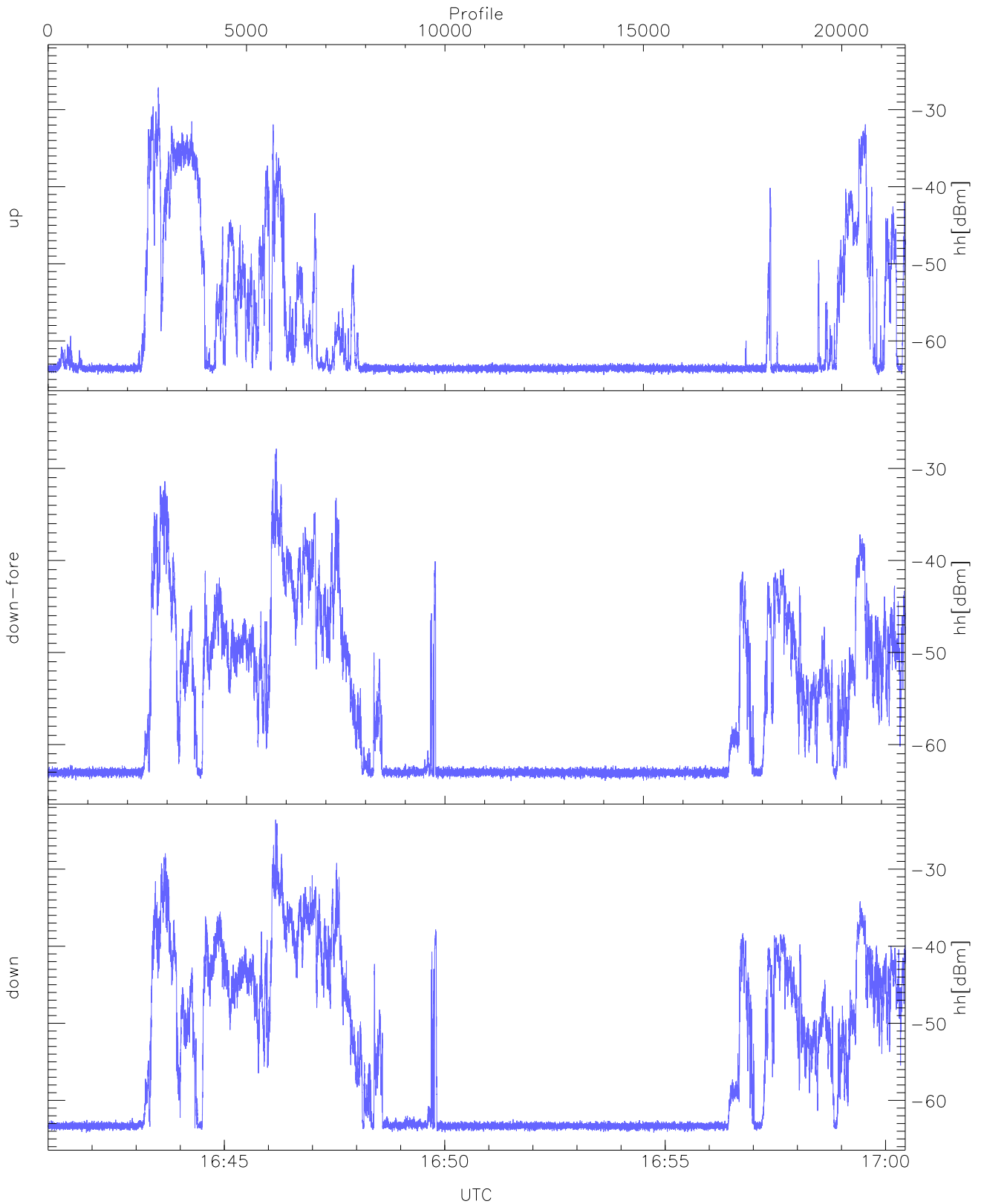
WCR2 CPP Averaged Received power for all recorded gates
blue: 164100-165043, 10801 profiles averaged
red: 165043-170027, 10800 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 164100-165043, 10801 profiles averaged
red: 165043-170027, 10800 profiles averaged

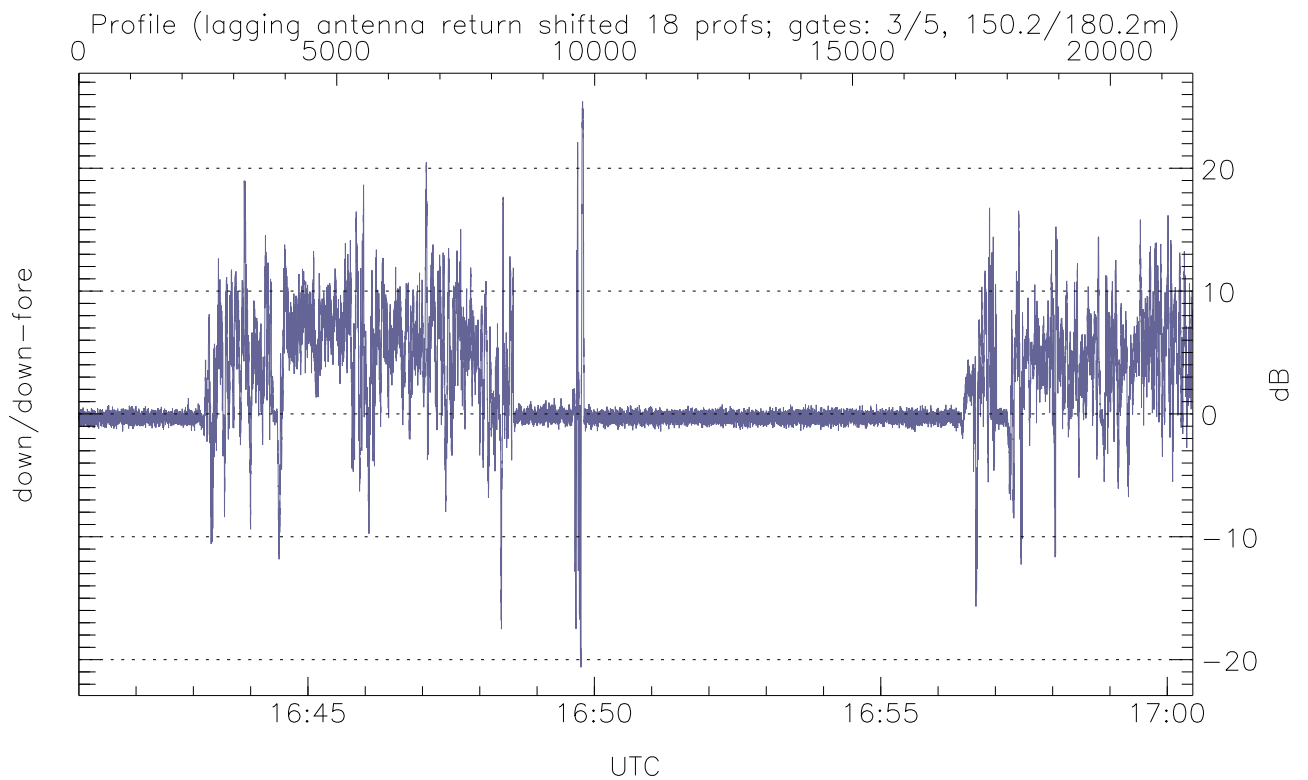
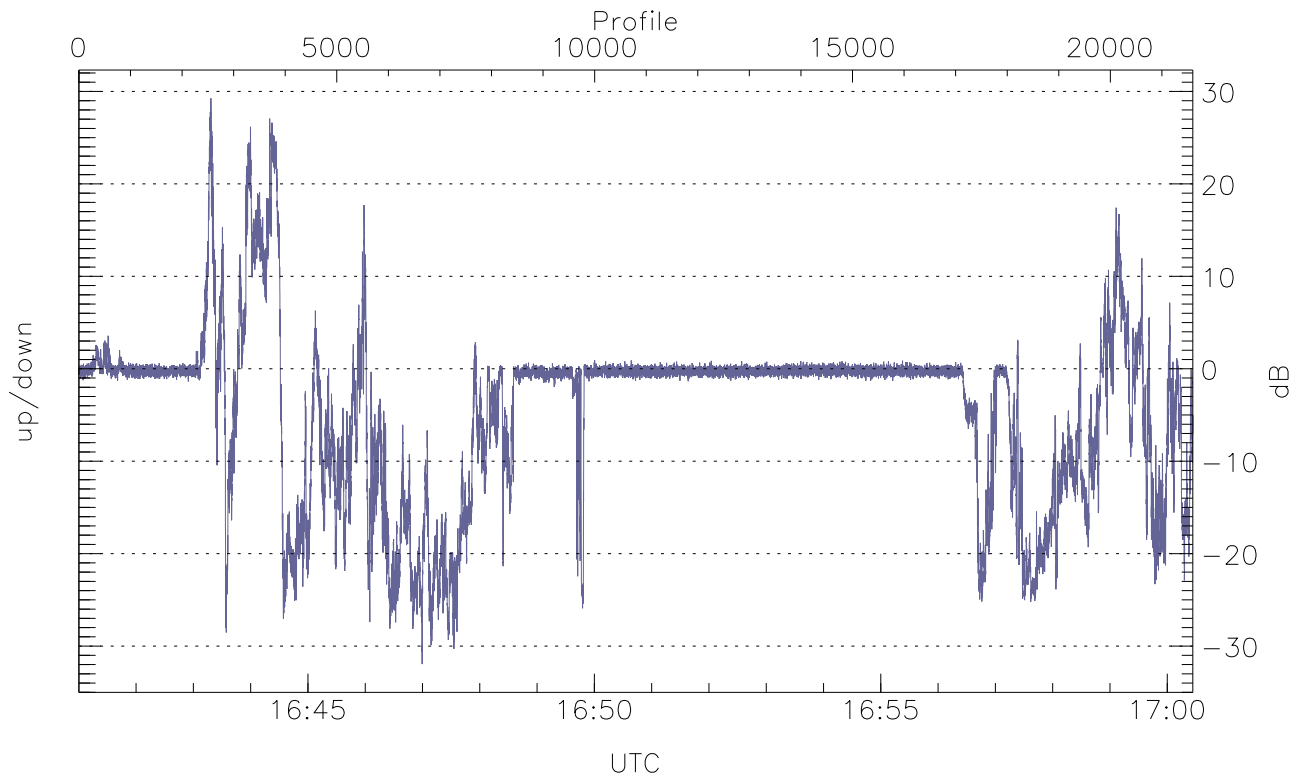


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



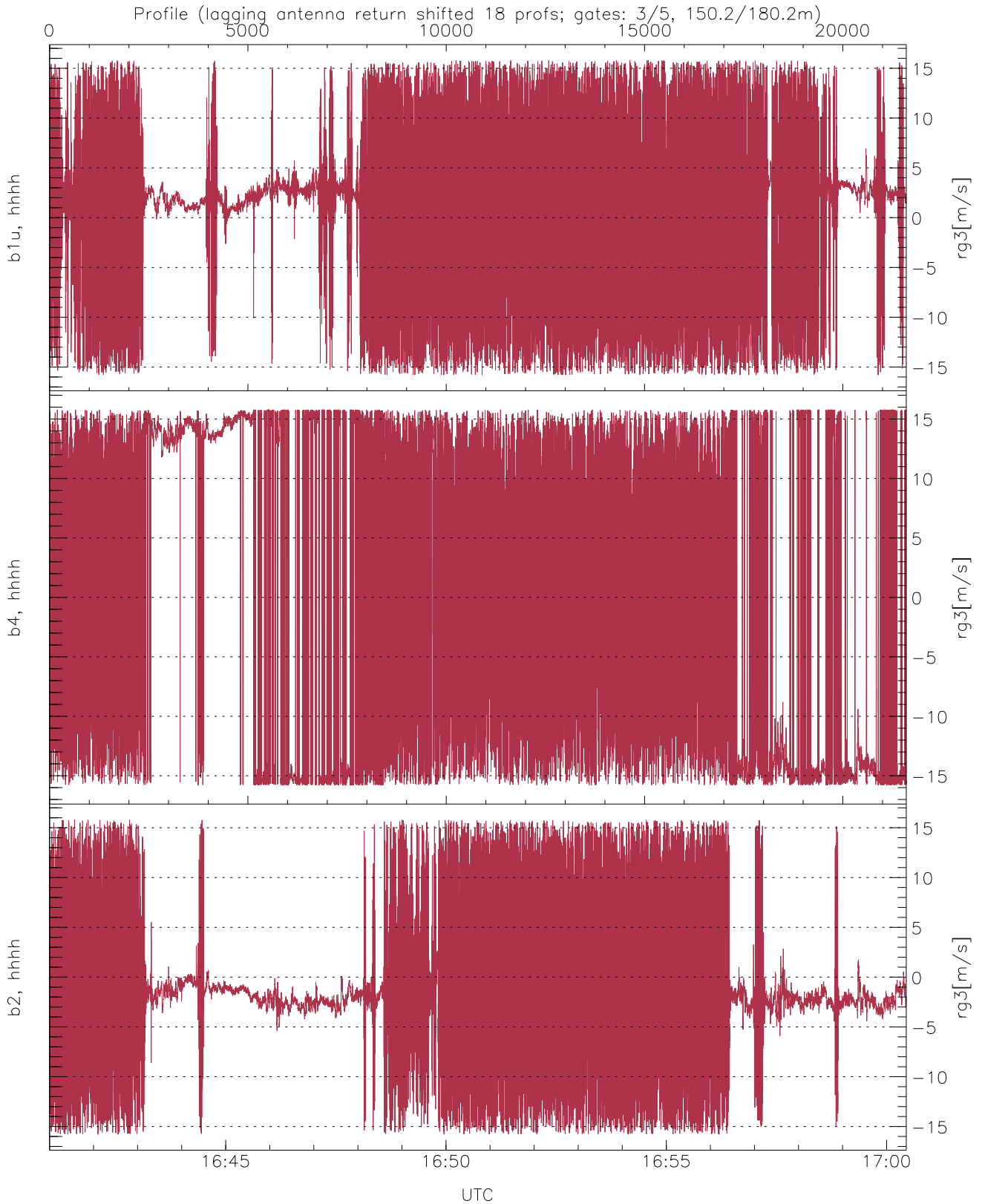
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-64.42	-27.11	-46.31
down-fore(hh[dBm])	-63.95	-27.86	-47.05
down(hh[dBm])	-64.20	-23.60	-43.31



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

	Min	Max	Mean
up/down (dB)	-31.95	29.26	-4.20
down/down-fore (dB)	-20.62	25.43	2.05



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.80	15.80	0.68	7.32
b4, hhhh(rg3[m/s])	-15.80	15.80	-0.68	12.11
b2, hhhh(rg3[m/s])	-15.80	15.80	-1.32	6.46