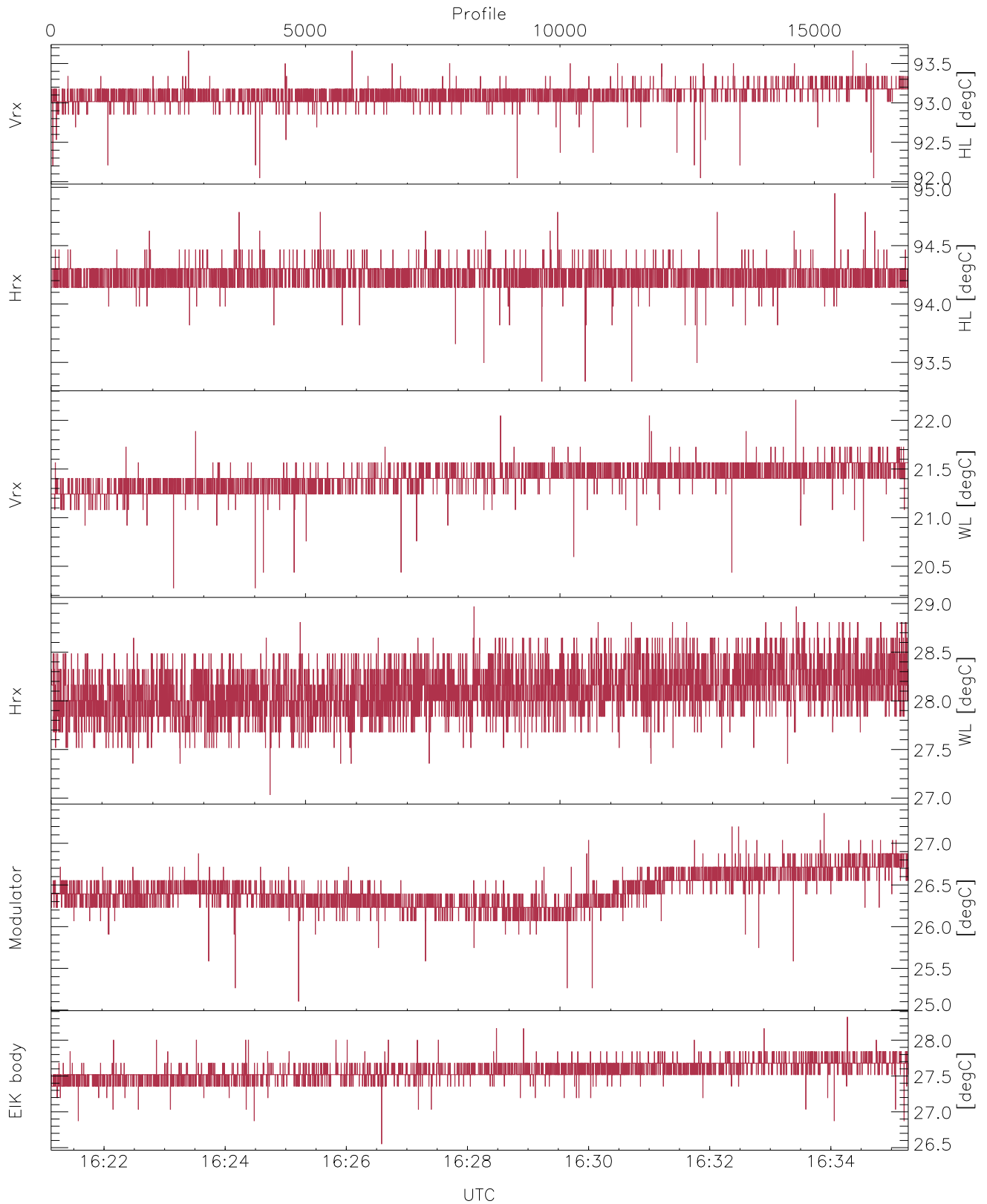


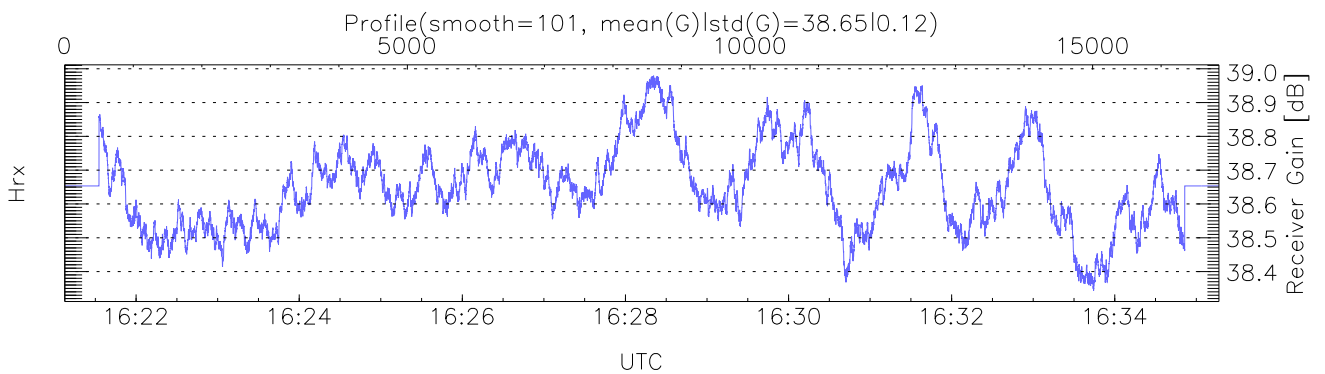
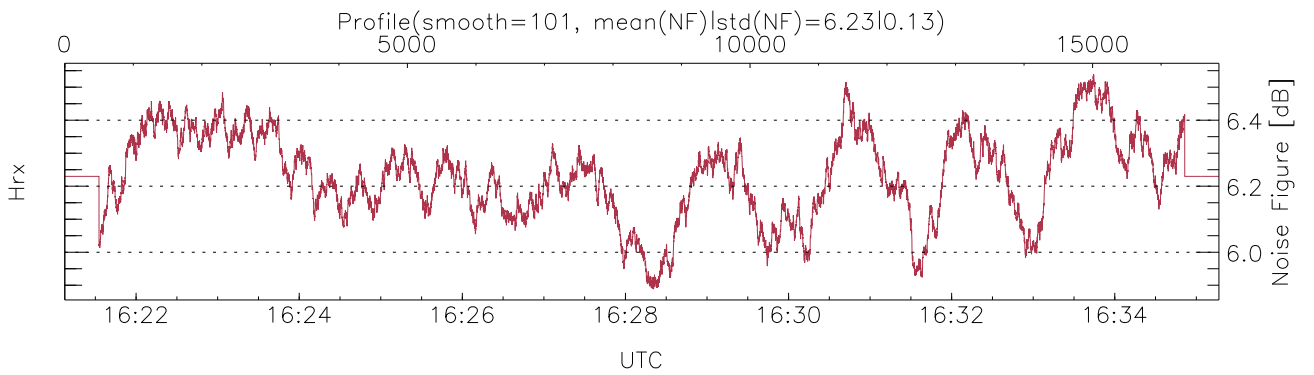
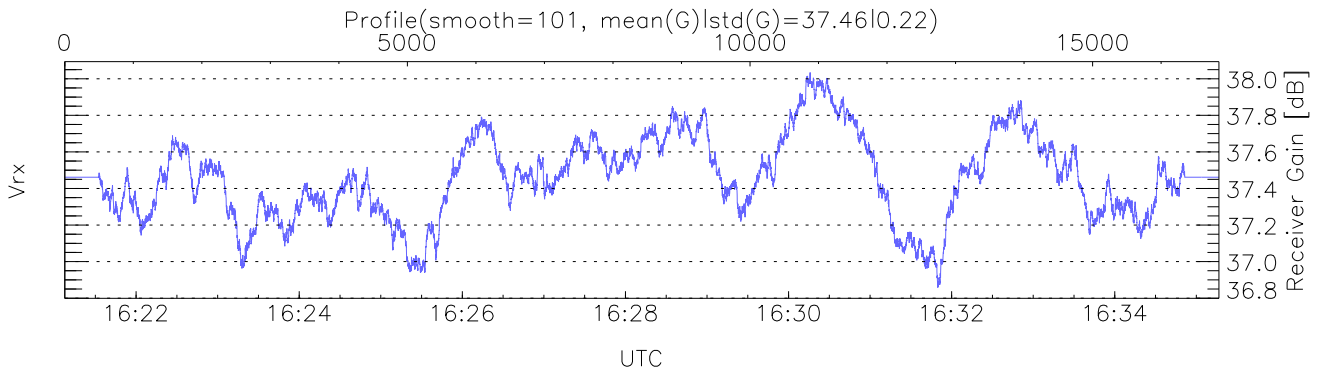
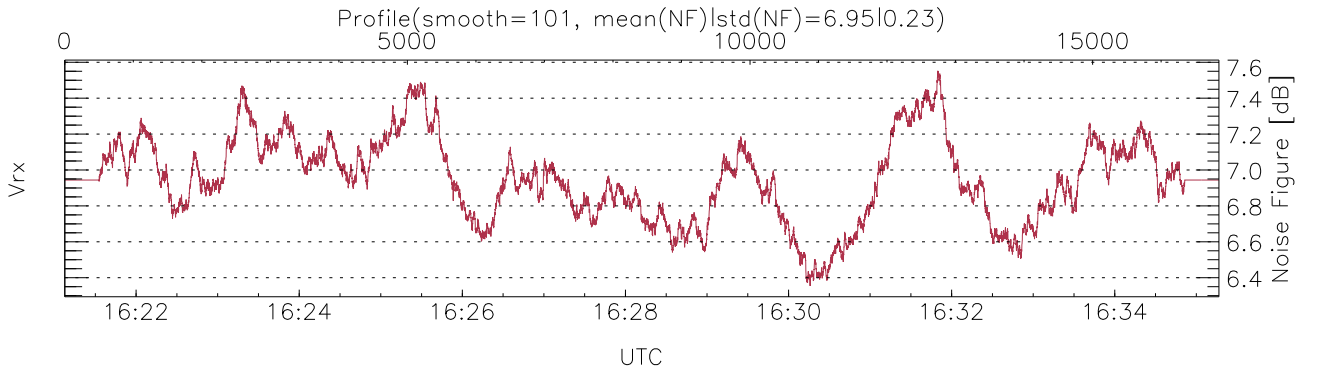
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 16:21:08-16:35:17, Dur: 849.15s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
 NumRec(r/t): 16845/16845, 0-16844/16:21:08-16:35:17
 AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
 Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us
 Range(min,max,rgs): 105,5271,15.0 m, Gates: 345, Aspect: 3.3
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



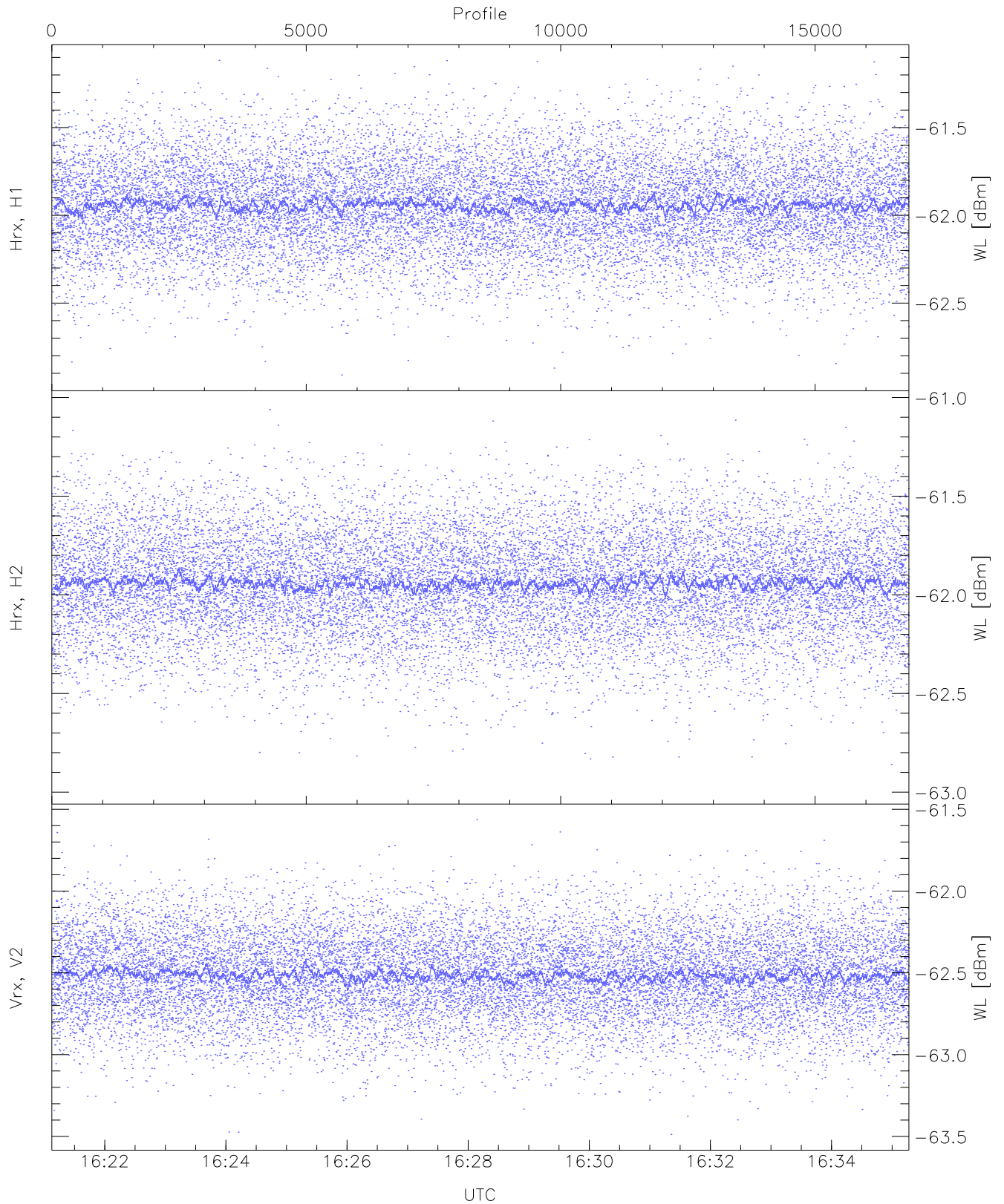
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

```
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,20,27,25,26
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,22,28,27,28
LOalarm(20,80,240,2.8,14.8 MHz): 5,0,0,0,0
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (10,10,10,10,10,10)
```



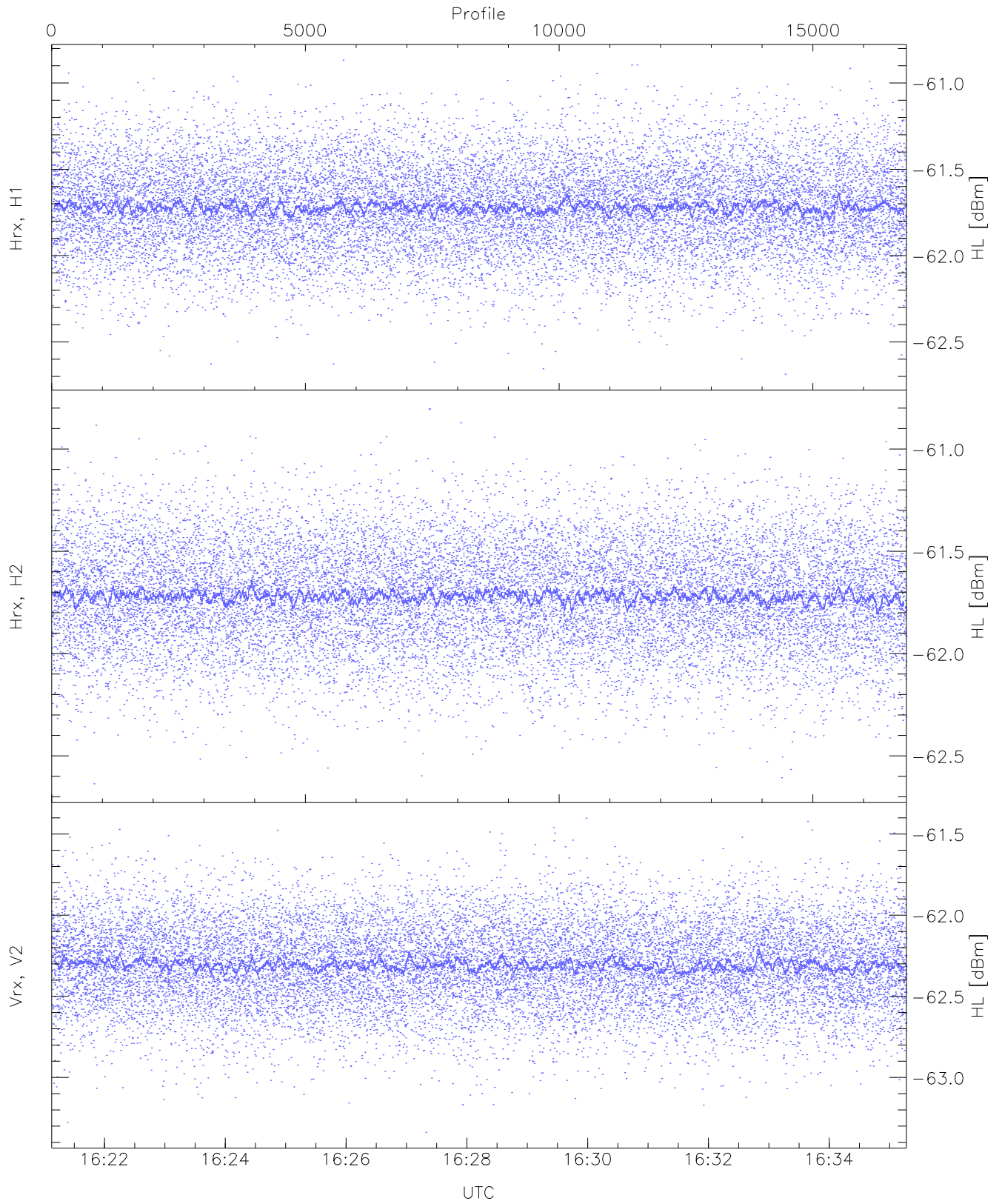
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 7896 pixs, 53 gates, 7847 profs, 2 prods



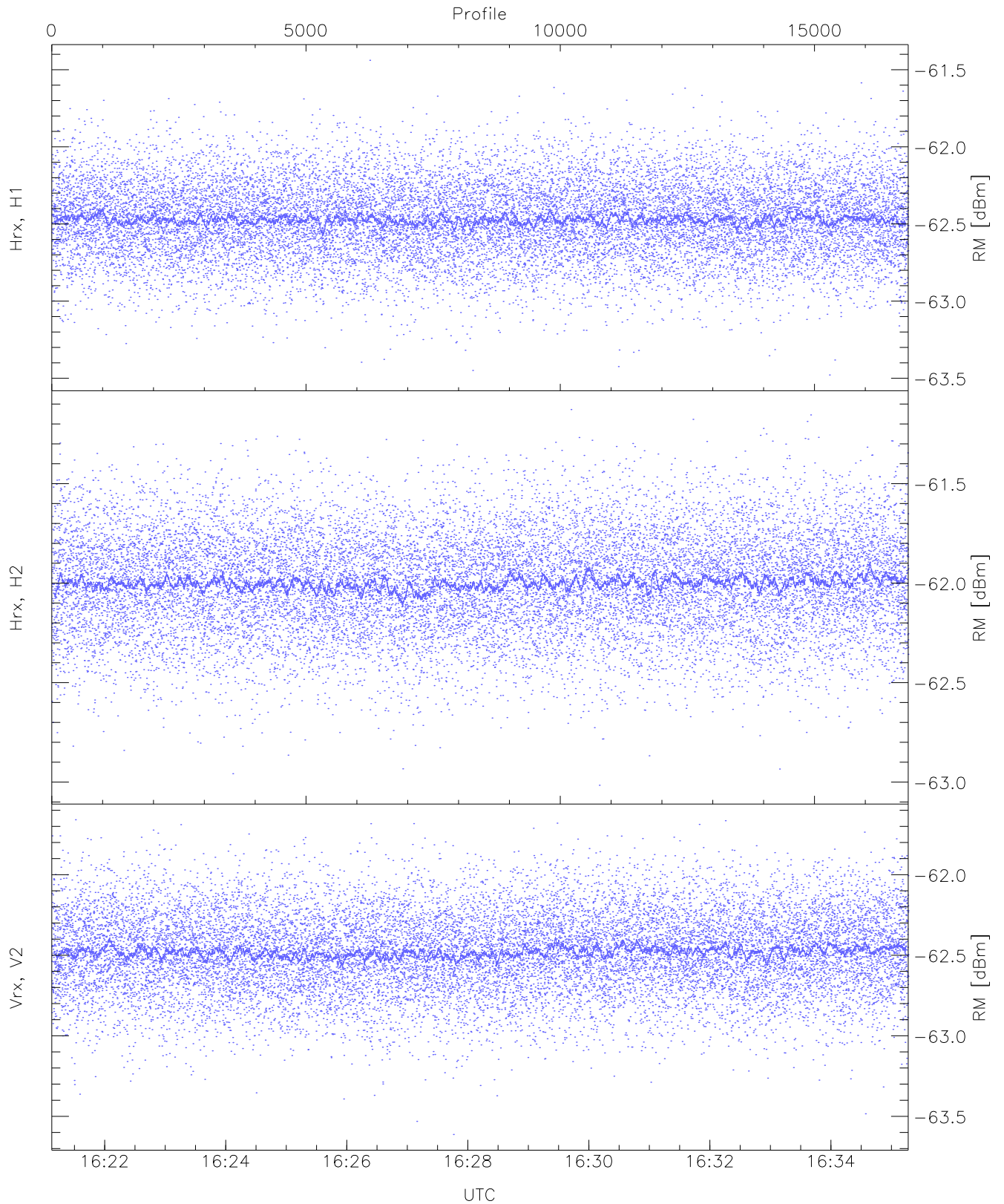
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-62.91	-61.12	-61.94	-61.94	-74.49
Hrx, H2 (WL [dBm])	-62.97	-61.06	-61.94	-61.94	-74.51
Vrx, V2 (WL [dBm])	-63.49	-61.56	-62.51	-62.52	-75.10



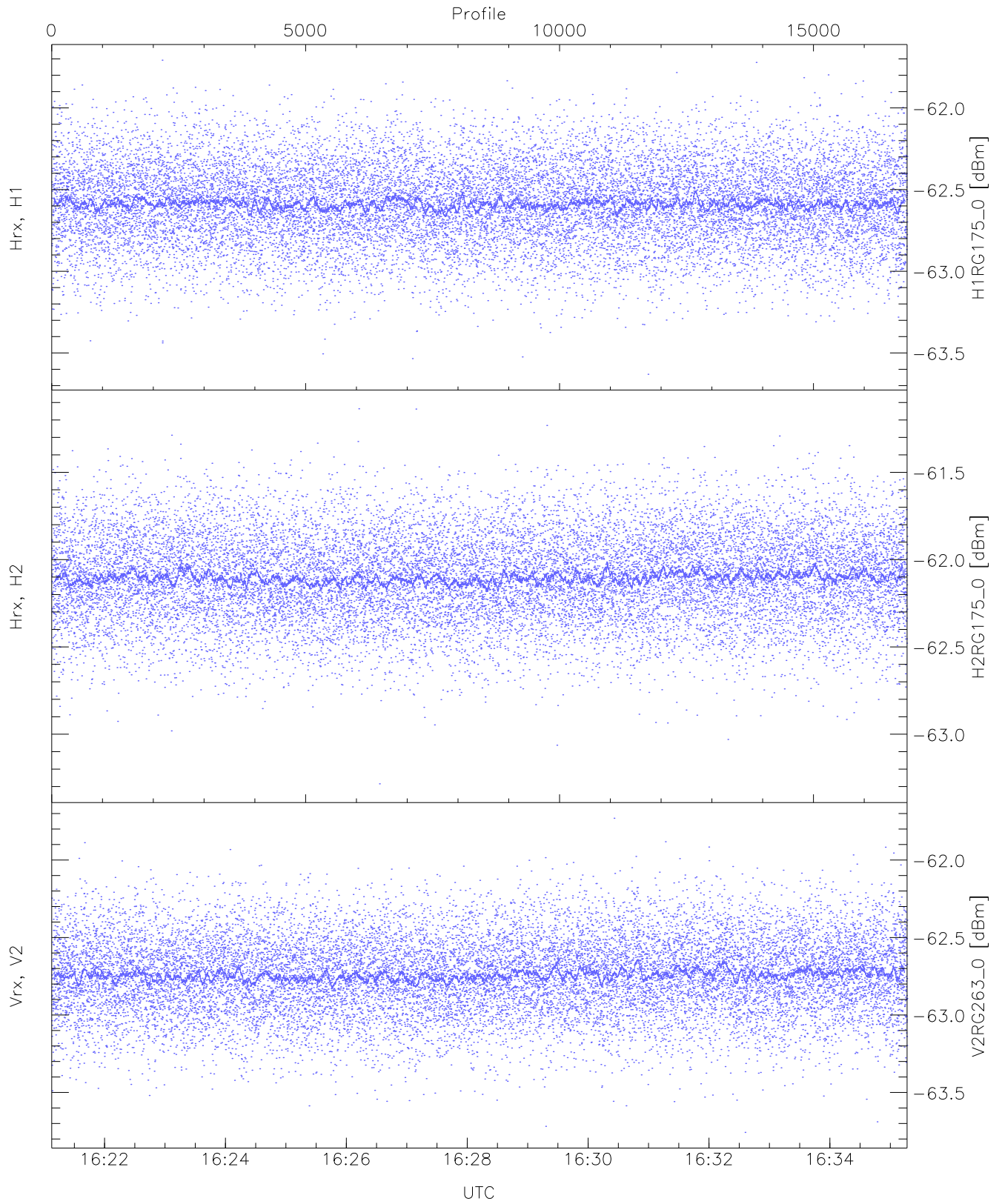
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.69	-60.87	-61.72	-61.72	-74.28
Hrx, H2 (HL [dBm])	-62.64	-60.80	-61.72	-61.72	-74.34
Vrx, V2 (HL [dBm])	-63.34	-61.40	-62.30	-62.31	-74.85



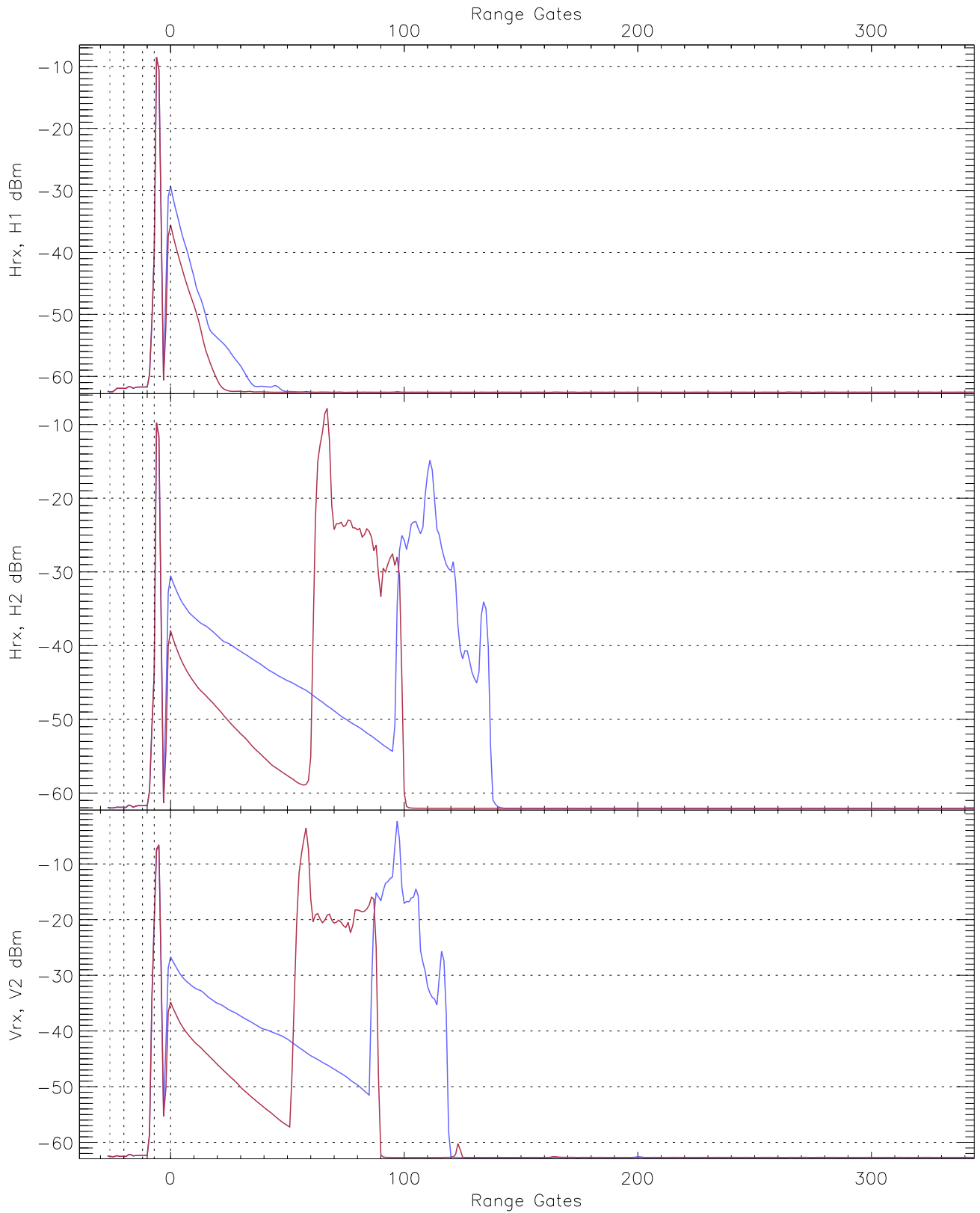
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.48	-61.44	-62.47	-62.47	-75.05
Hrx, H2 (RM [dBm])	-63.02	-61.13	-62.00	-62.00	-74.55
Vrx, V2 (RM [dBm])	-63.61	-61.66	-62.48	-62.48	-75.04

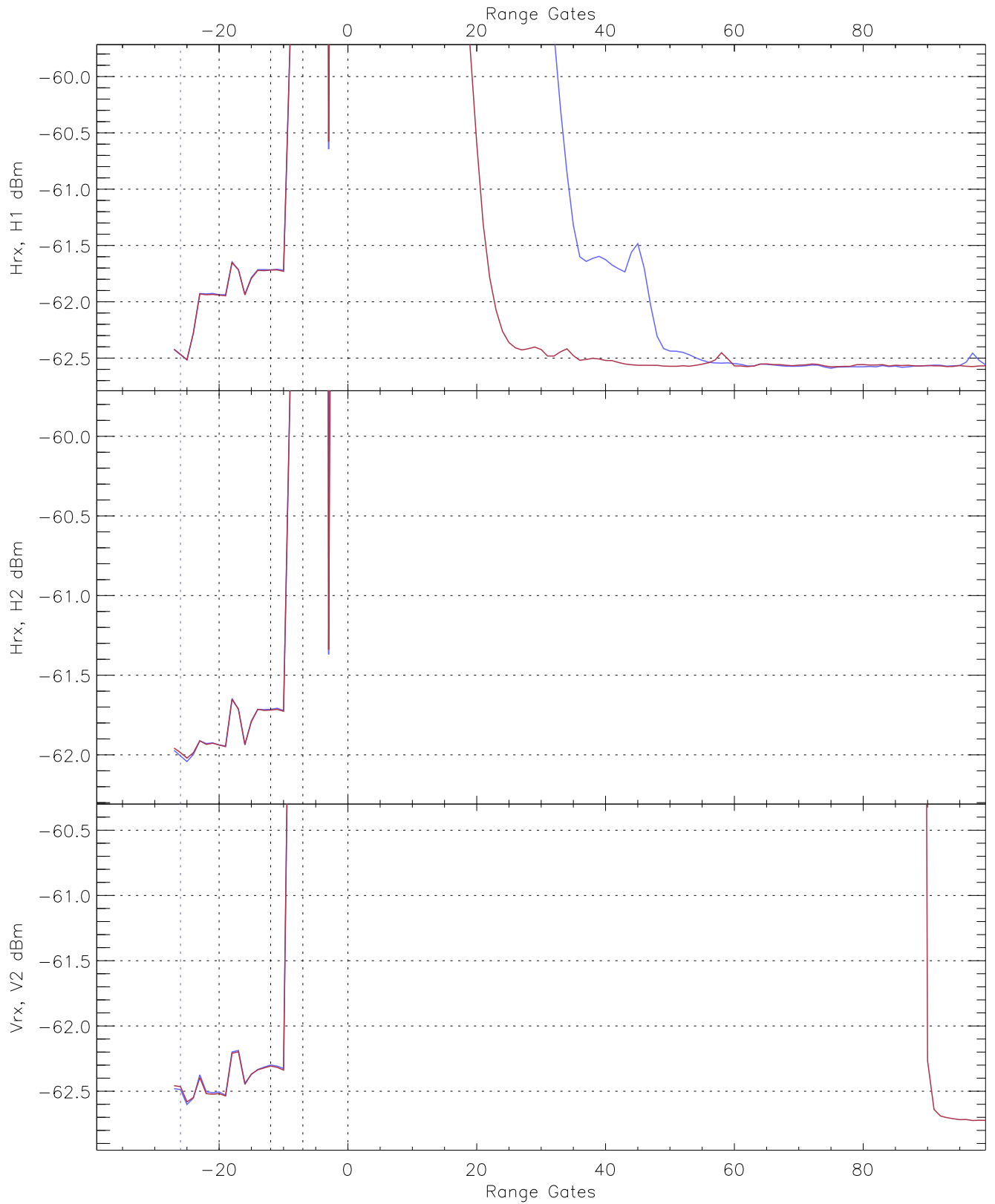


WCR2 CPP "Best" estimate Receivers Noise Power

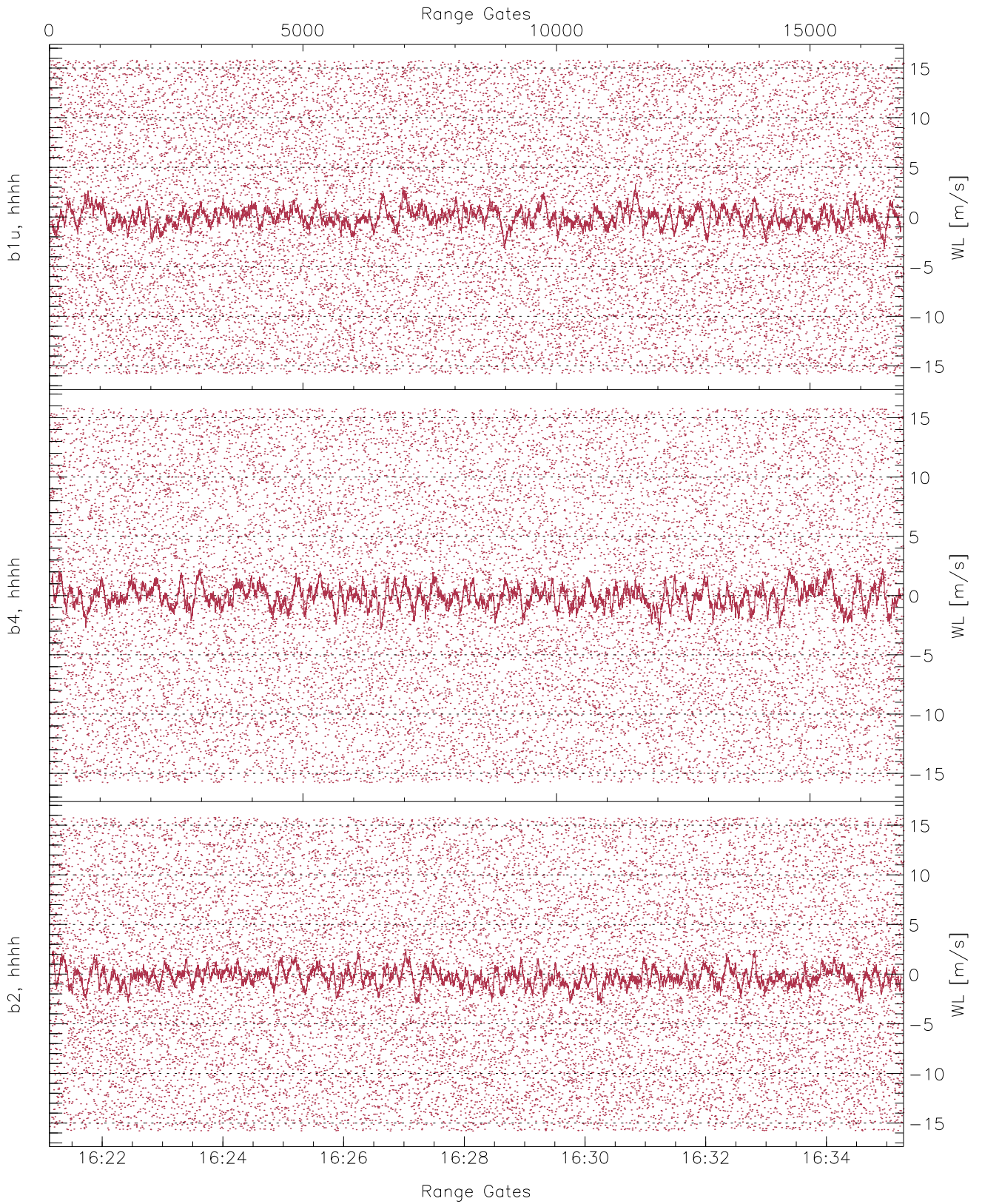
	Min	Max	Mean	Median	StDev
H1RG175_0 [dBm]	-63.63	-61.71	-62.58	-62.59	-75.16
H2RG175_0 [dBm]	-63.28	-61.14	-62.10	-62.11	-74.65
V2RG263_0 [dBm]	-63.76	-61.73	-62.74	-62.74	-75.28



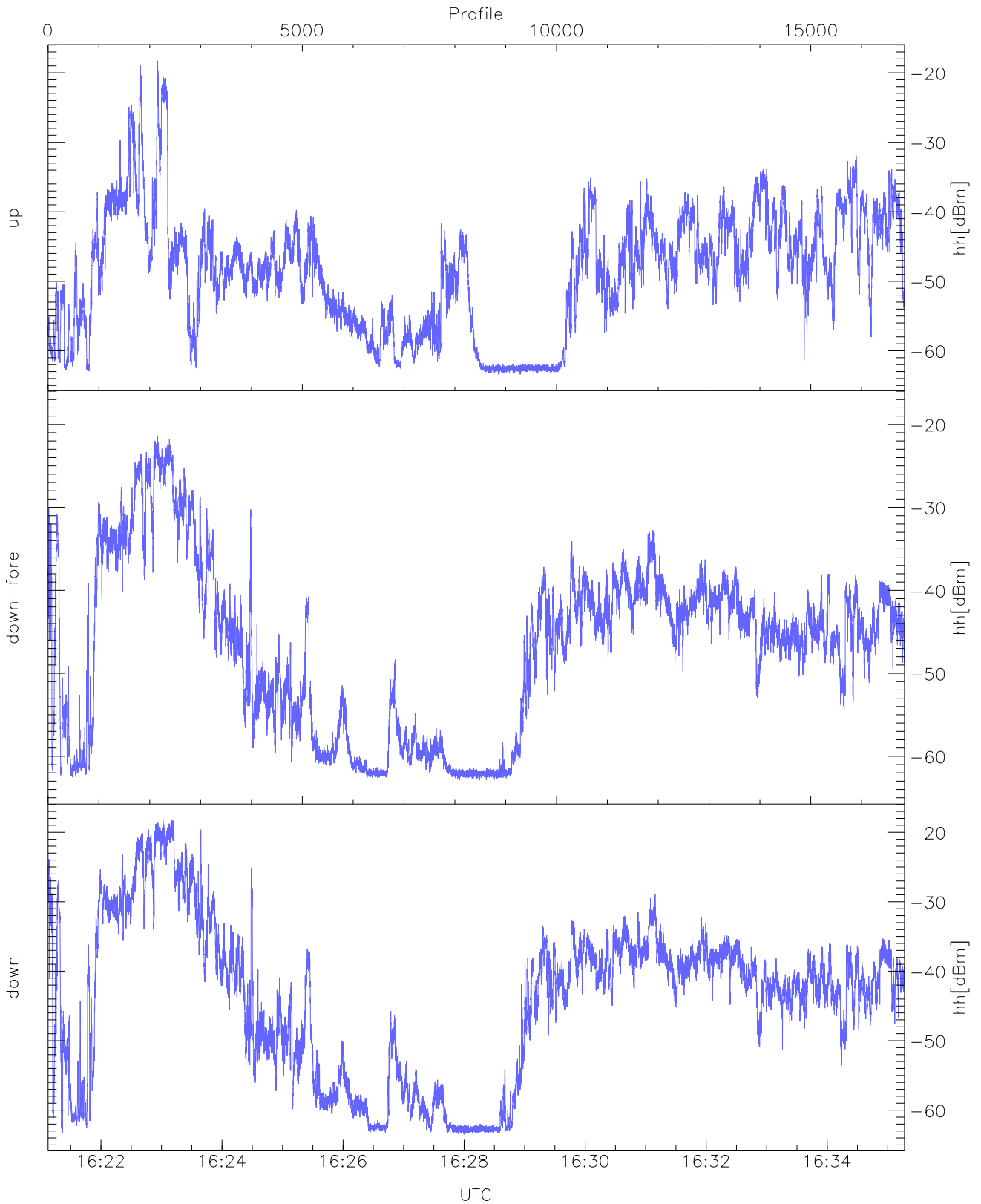
WCR2 CPP Averaged Received power for all recorded gates
blue: 162108-162812, 8423 profiles averaged
red: 162812-163517, 8423 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 162108-162812, 8423 profiles averaged
red: 162812-163517, 8423 profiles averaged

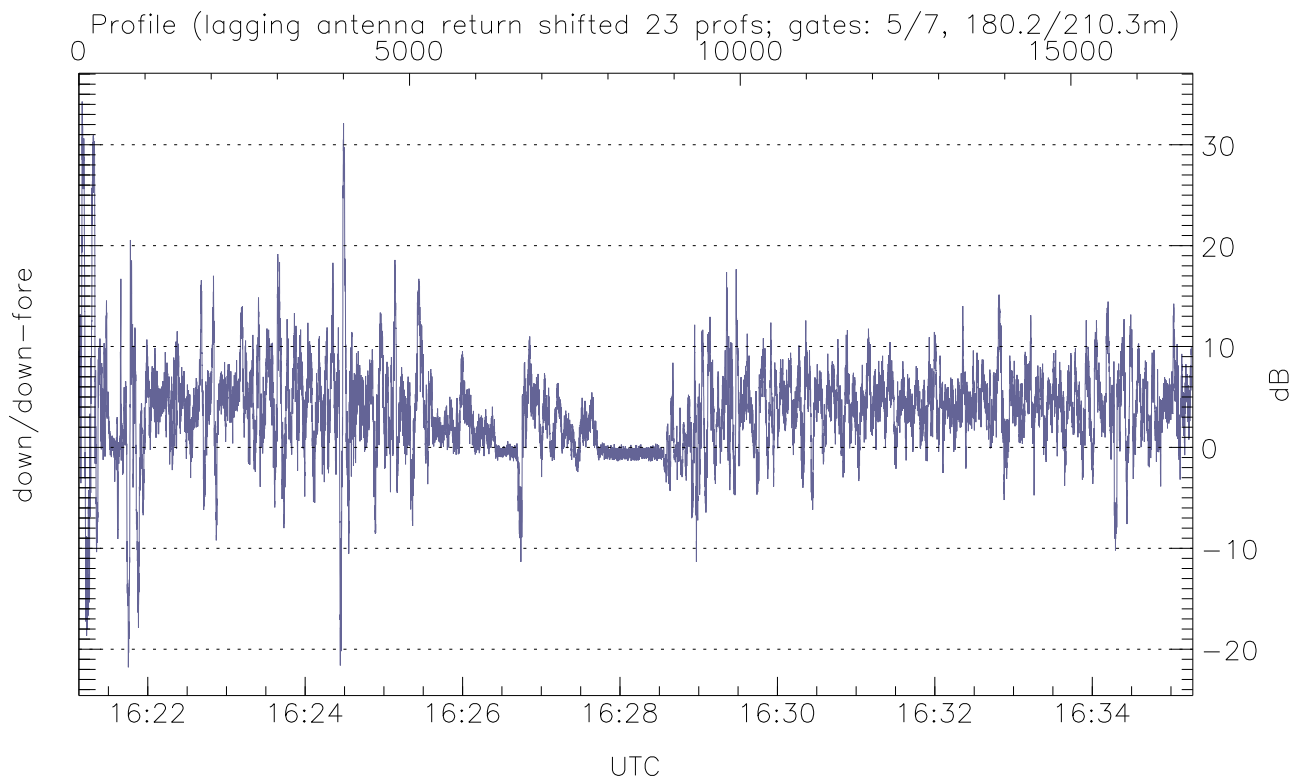
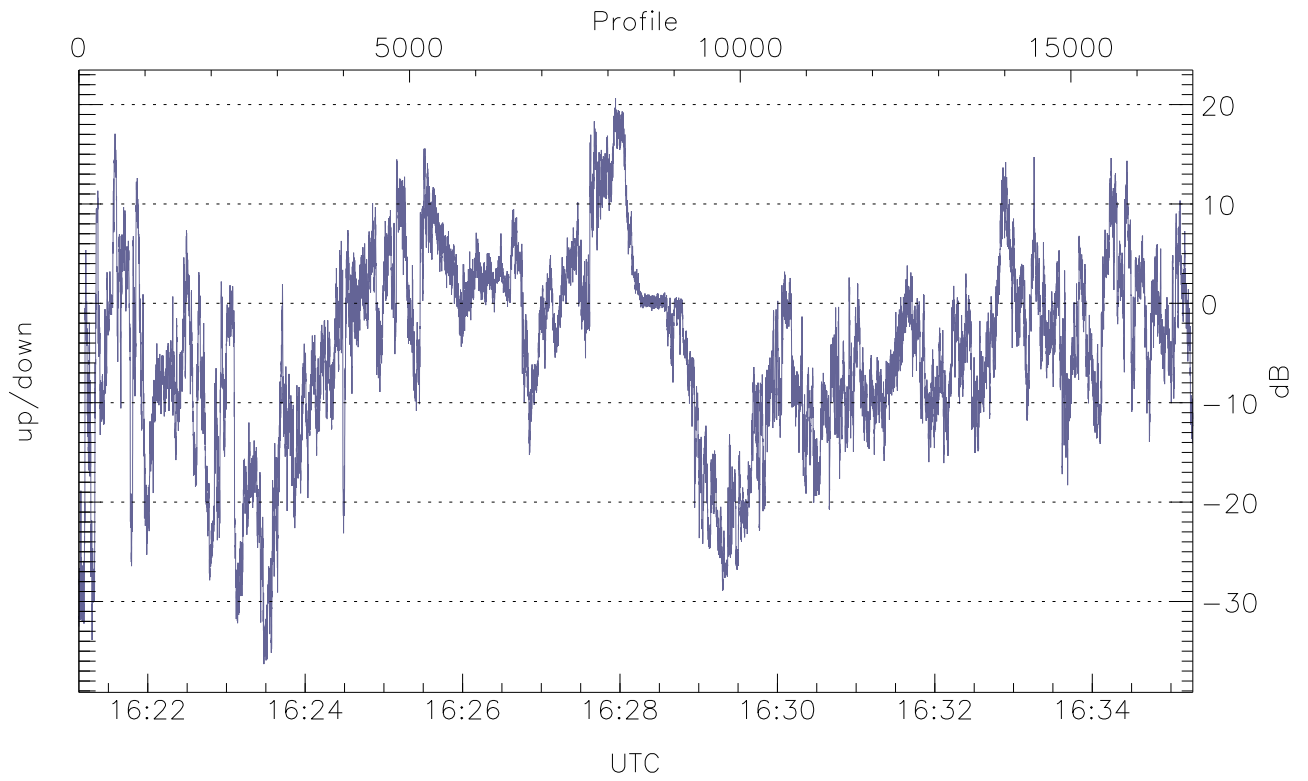


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



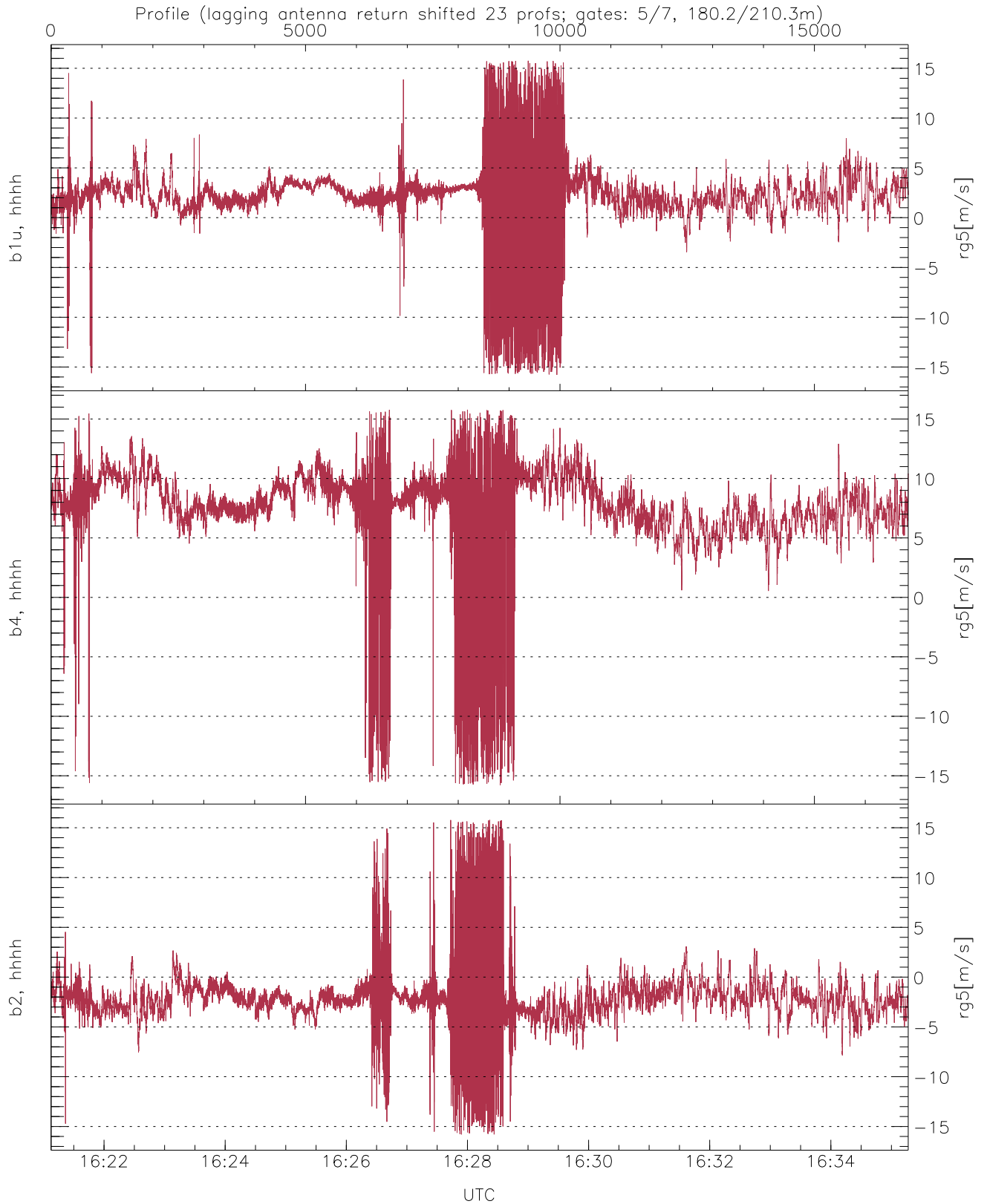
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.41	-18.25	-39.17
down-fore(hh[dBm])	-62.89	-21.41	-36.55
down(hh[dBm])	-63.49	-18.20	-32.75



WCR2 Beam pairs Received Power Ratio(s); RangeGate: 5 (180 m)

	Min	Max	Mean
up/down (dB)	-36.30	20.63	-4.59
down/down-fore (dB)	-21.79	34.28	3.45



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.76	2.11	3.07
b4, hhhh(rg5[m/s])	-15.78	15.79	7.35	3.88
b2, hhhh(rg5[m/s])	-15.79	15.78	-2.11	2.72