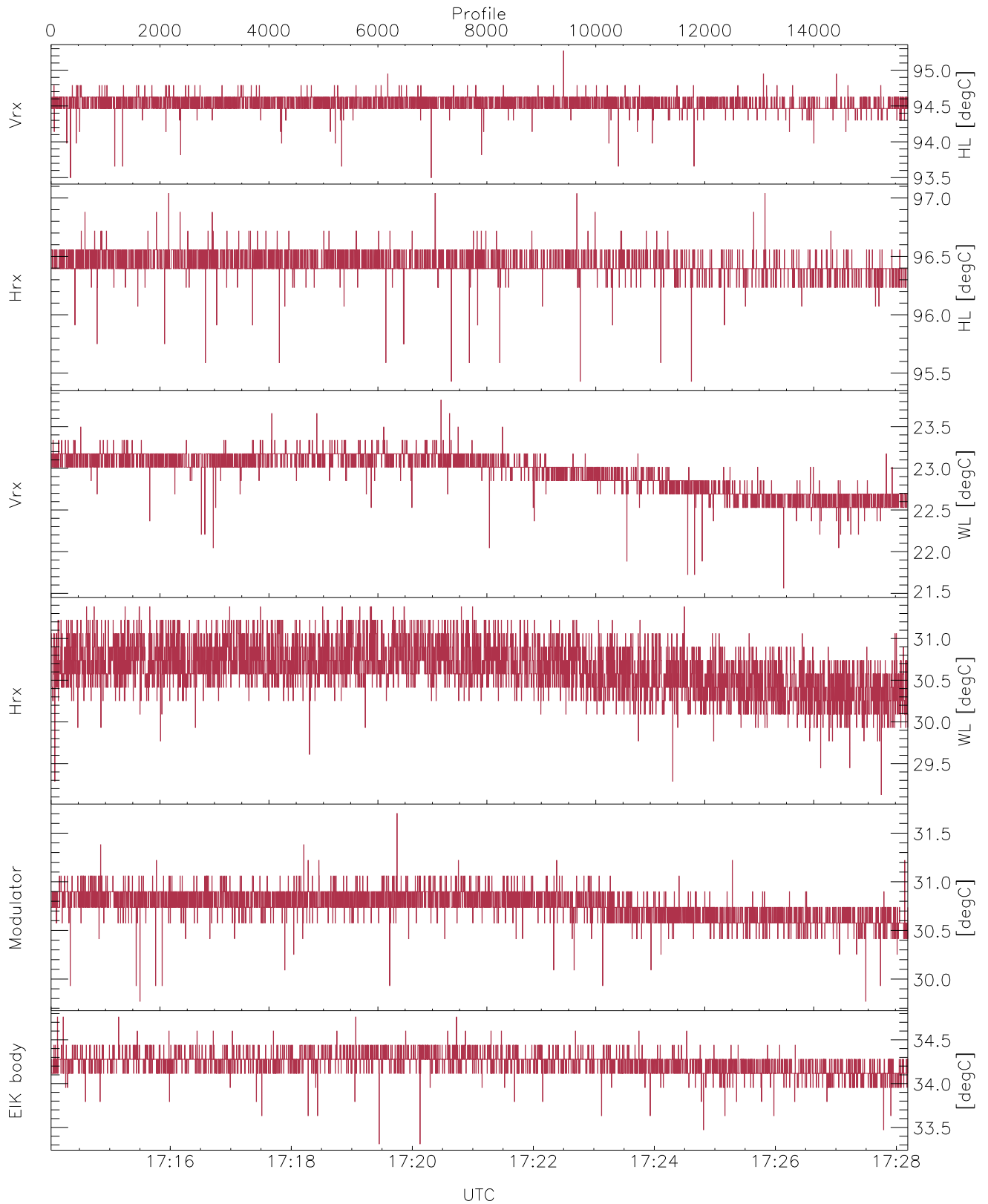


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

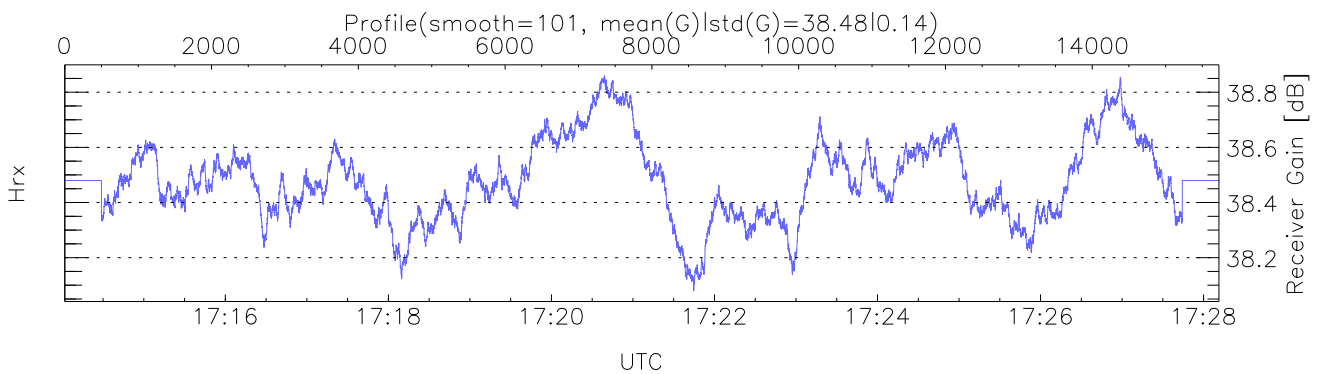
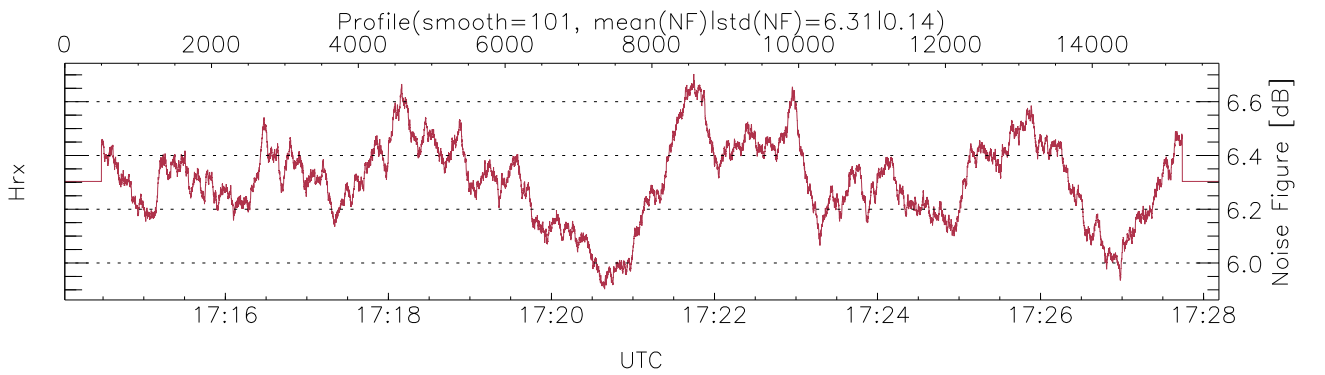
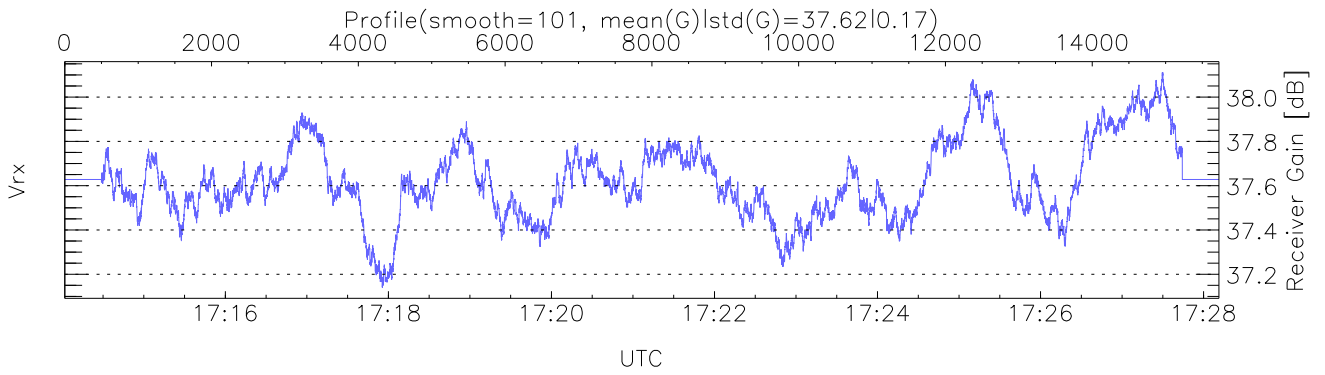
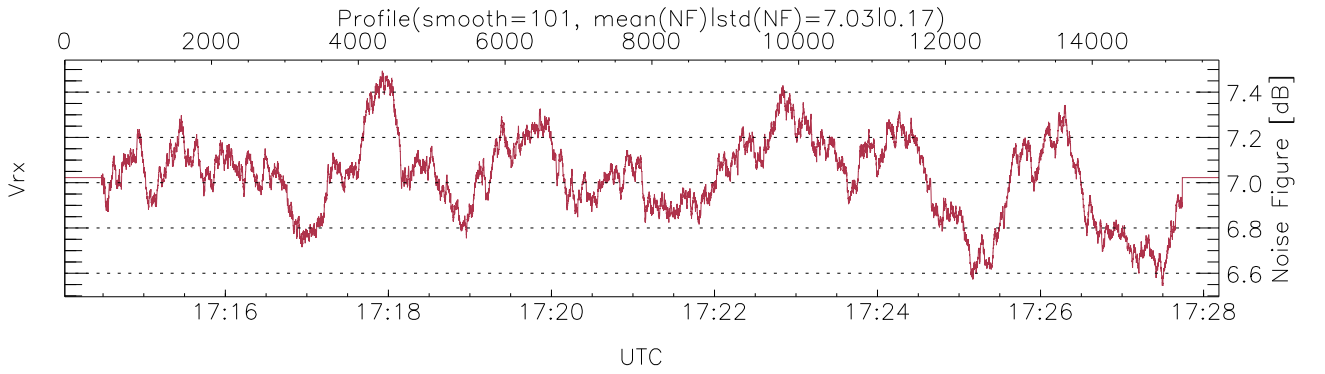
UTC: 17:14:02-17:28:11, Dur: 849.47s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 54.0,54.0,54.0,0.0 ms / 19,19,19
 NumRec(r/t): 15728/15728, 0-15727/17:14:02-17:28:11
 AcqTime: 54.0ms, Rate: 287KB/s, Averages: 180
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 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

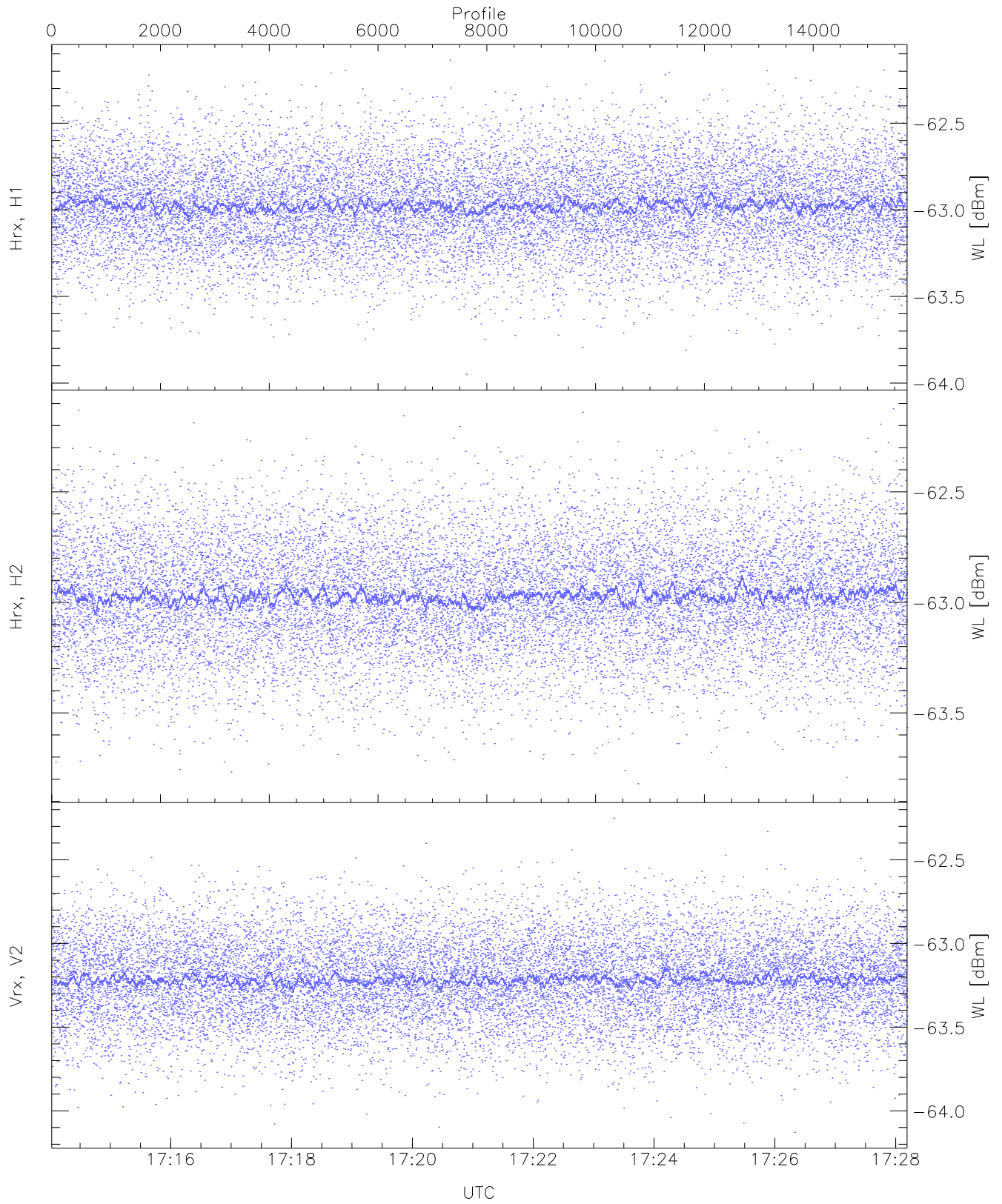
```

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,21,29,29,33
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 (10,10,10,10,10,9)
    
```



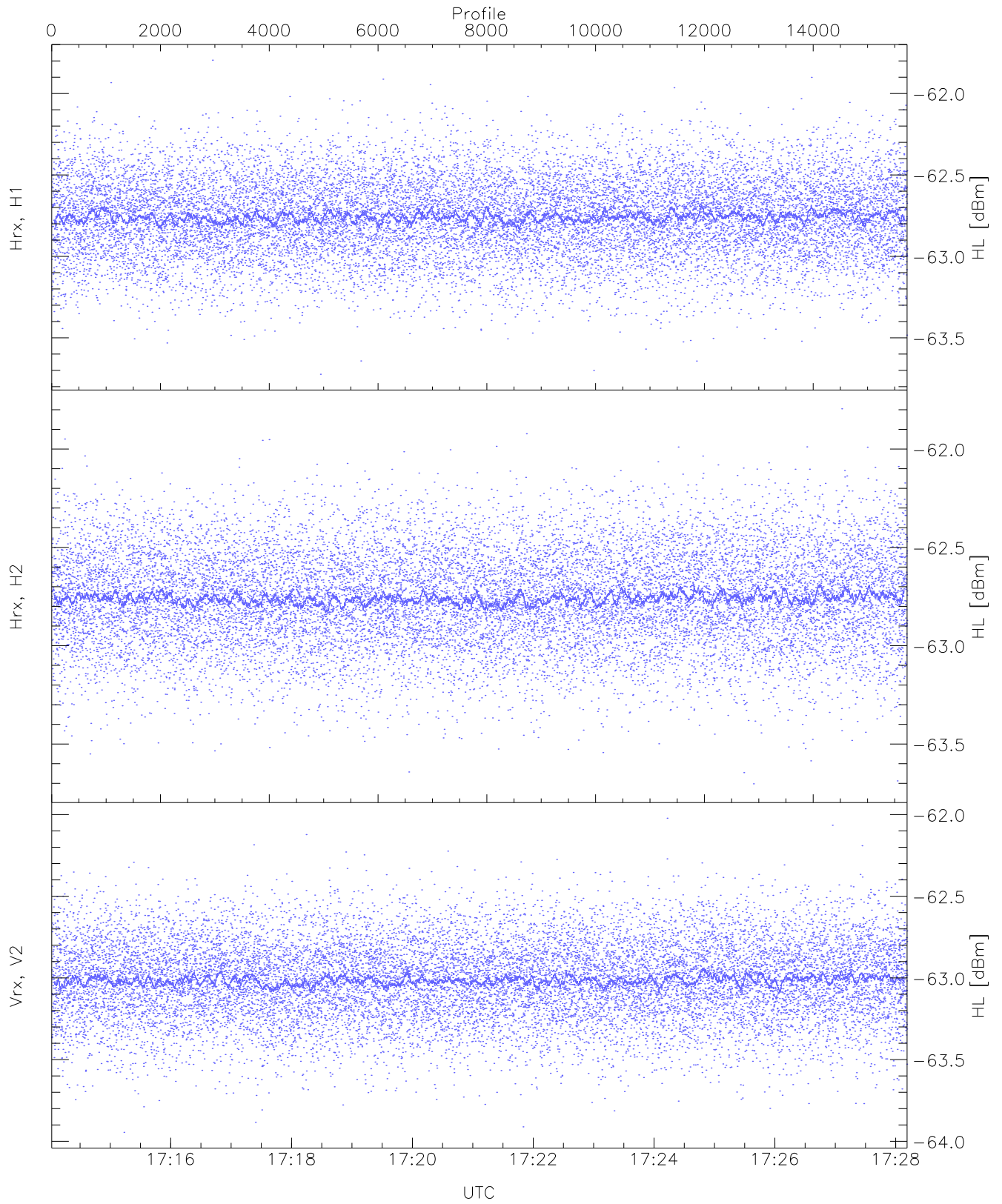
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 144 pixs, 17 gates, 144 profs, 1 prods



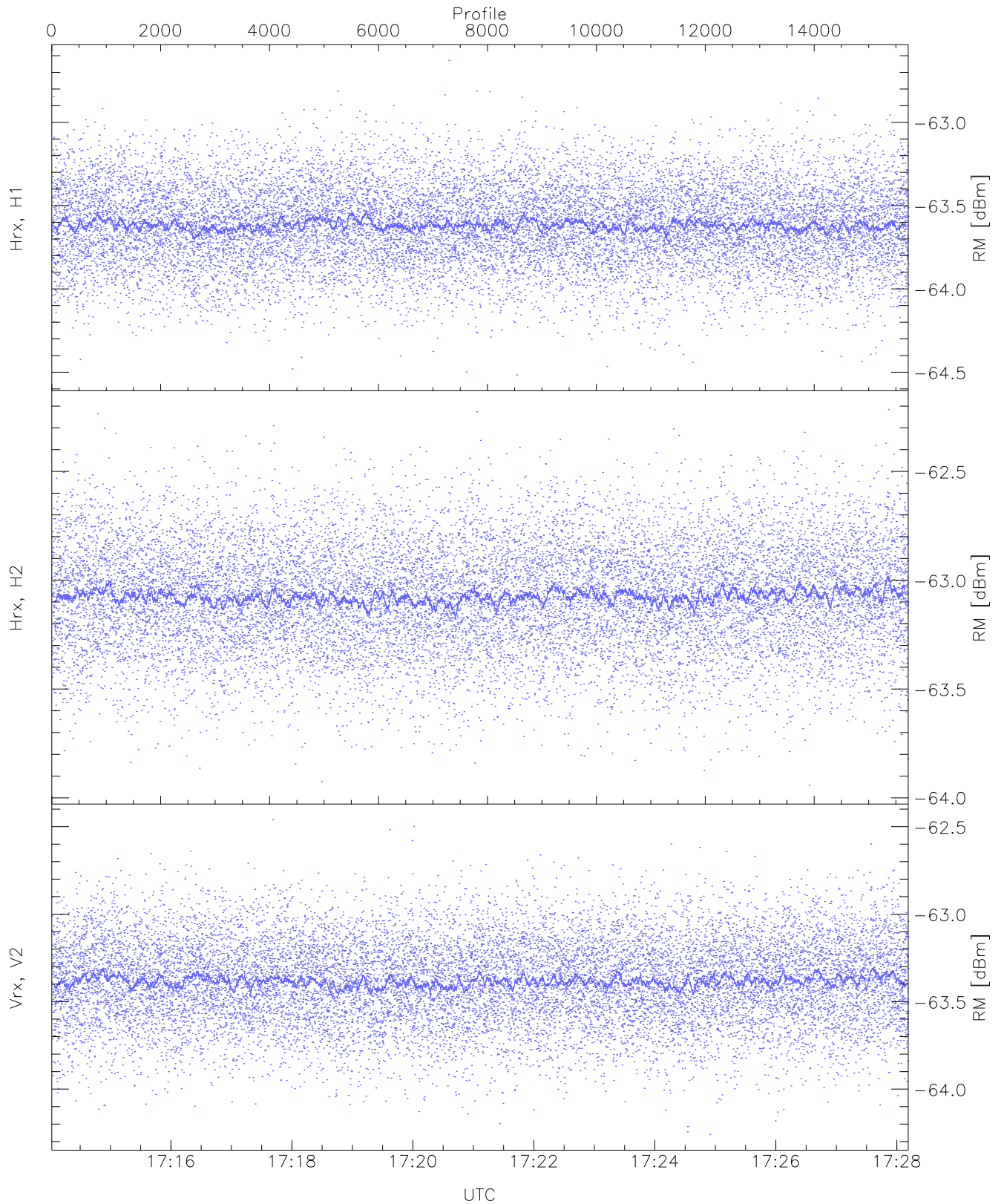
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.95	-62.14	-62.97	-62.98	-75.66
Hrx, H2(WL [dBm])	-63.82	-62.12	-62.97	-62.97	-75.70
Vrx, V2(WL [dBm])	-64.13	-62.25	-63.21	-63.22	-75.96



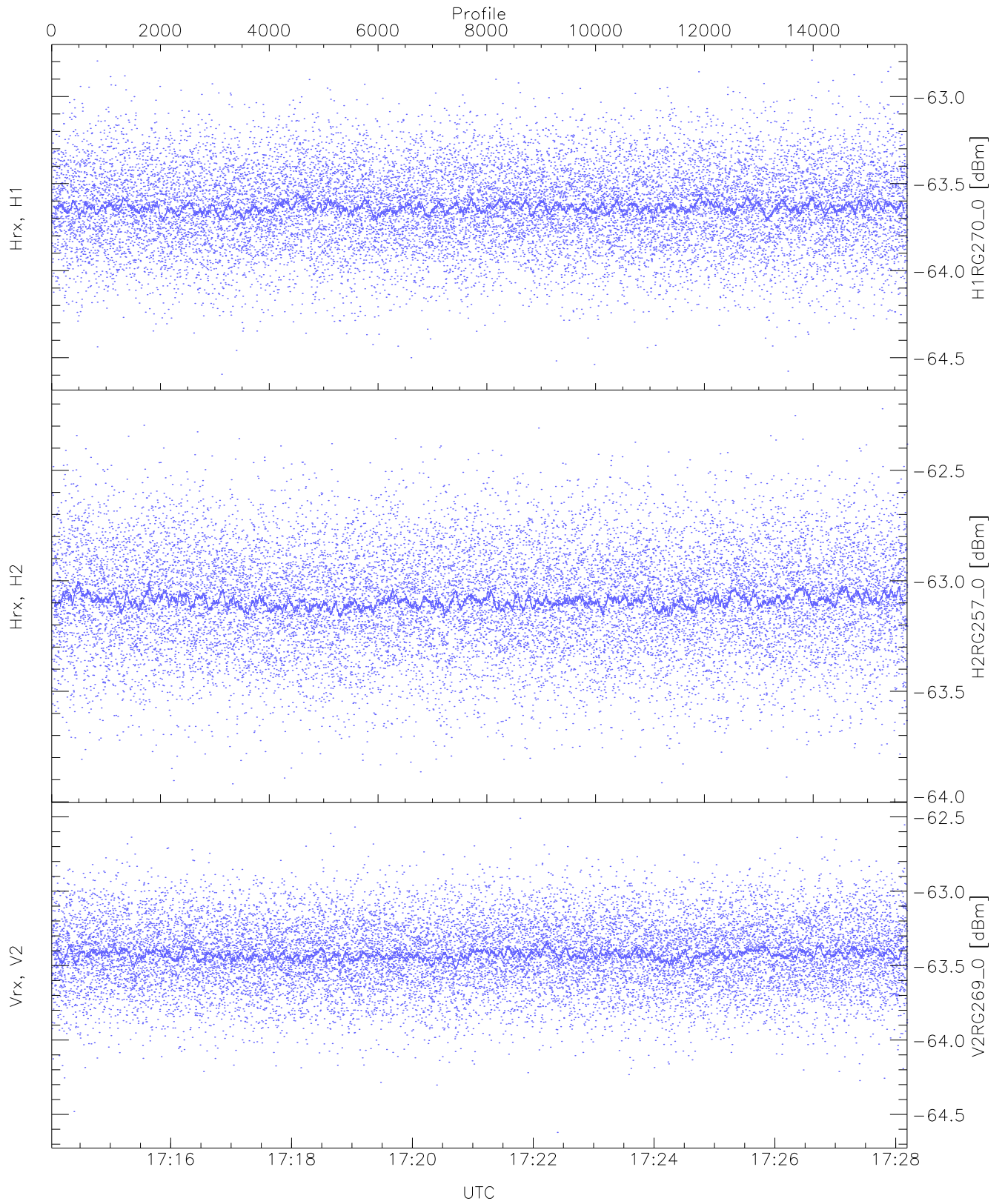
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.72	-61.80	-62.76	-62.76	-75.50
Hrx, H2 (HL [dBm])	-63.70	-61.80	-62.76	-62.76	-75.44
Vrx, V2 (HL [dBm])	-63.95	-62.02	-63.01	-63.01	-75.73



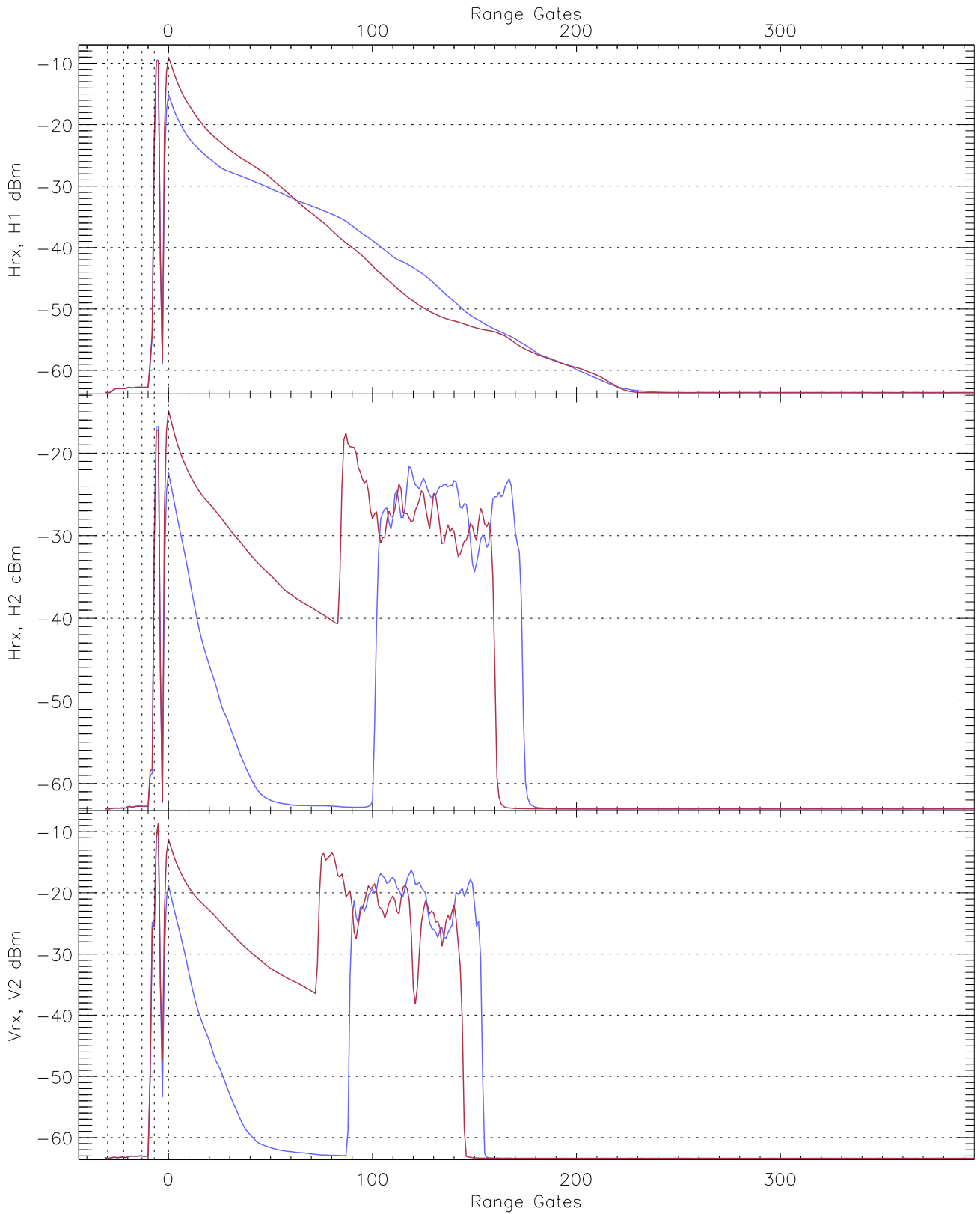
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-64.52	-62.63	-63.61	-63.62	-76.32
Hrx, H2(RM [dBm])	-63.94	-62.22	-63.07	-63.07	-75.77
Vrx, V2(RM [dBm])	-64.26	-62.46	-63.38	-63.38	-76.10

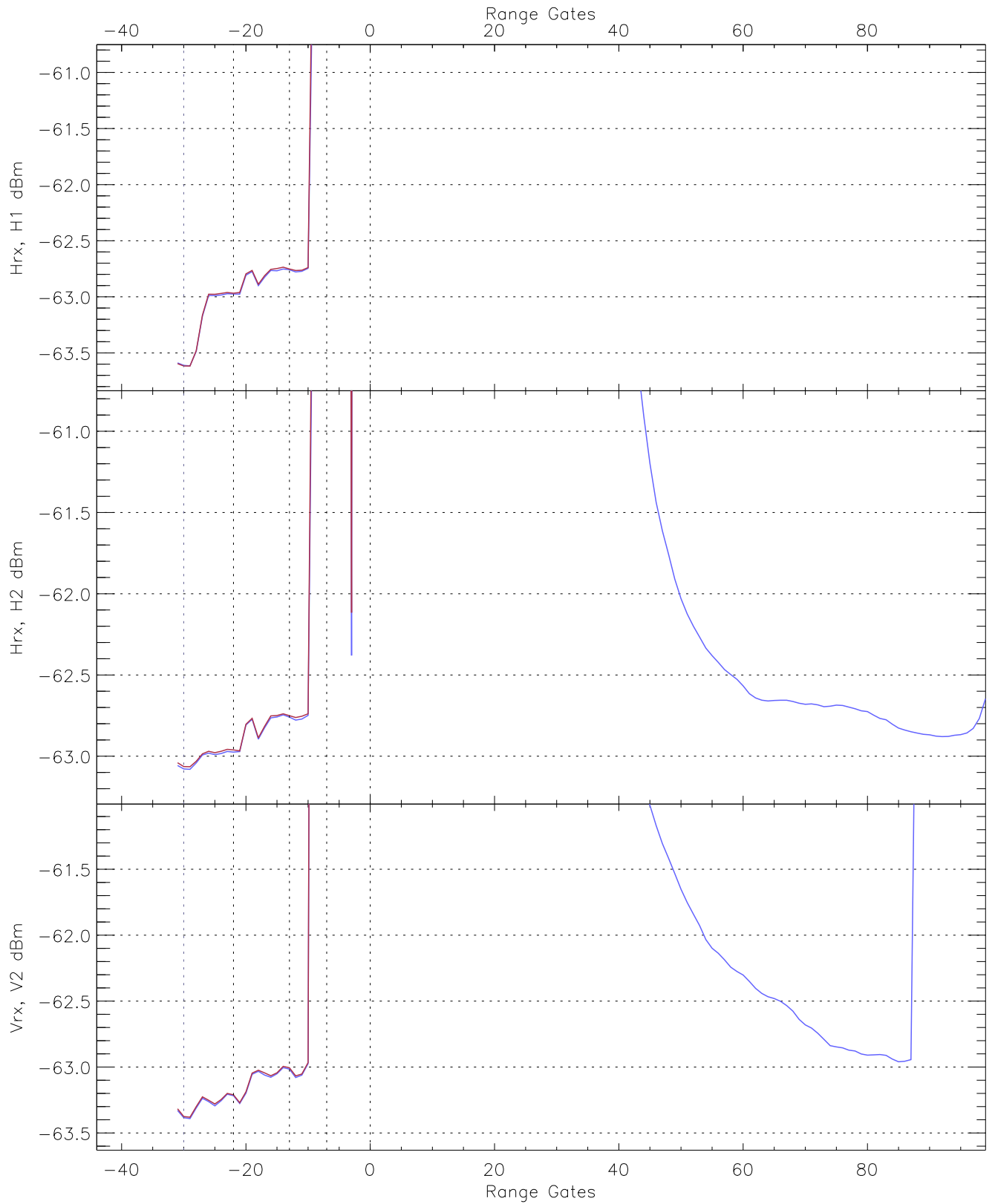


WCR2 CPP "Best" estimate Receivers Noise Power

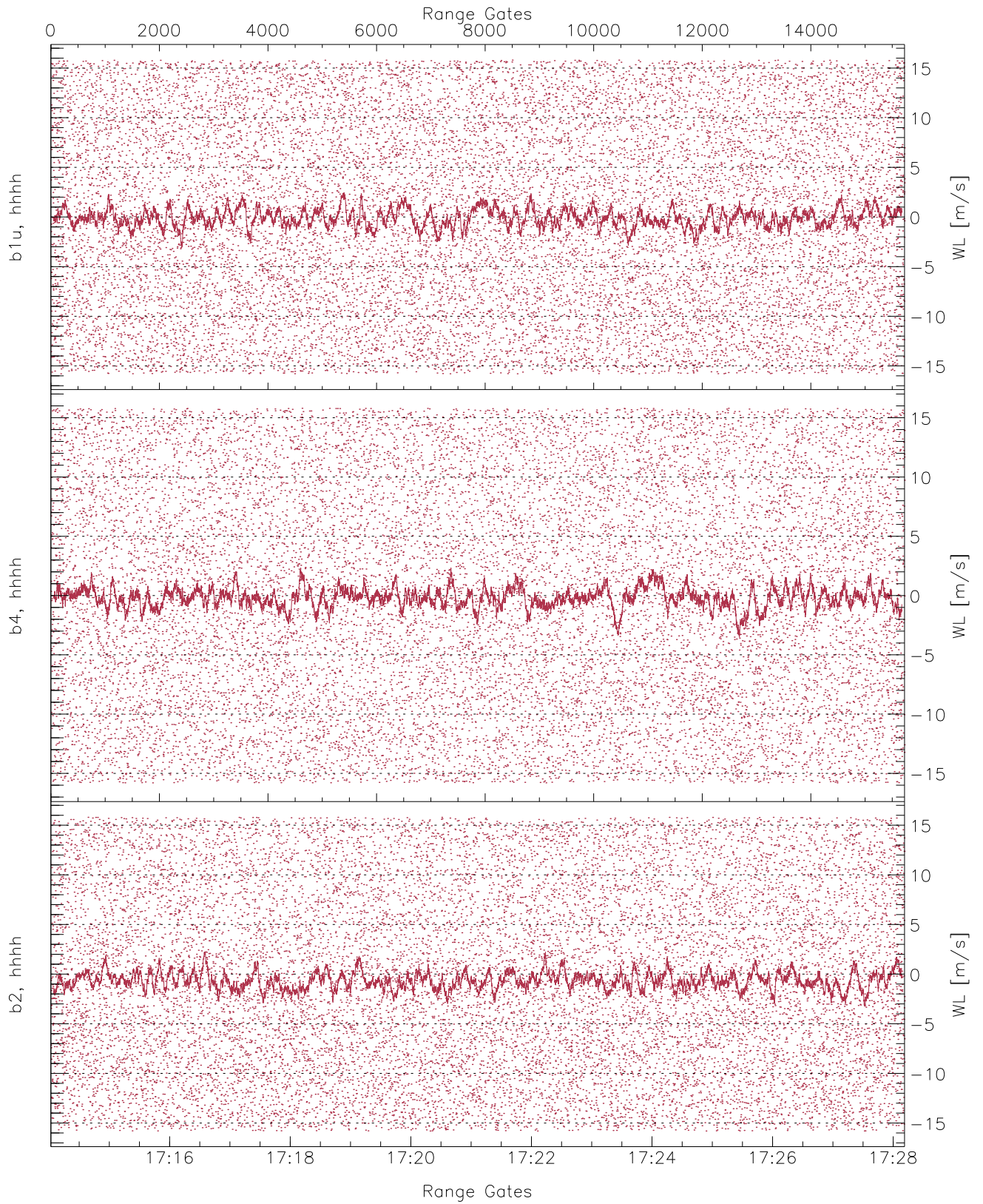
	Min	Max	Mean	Median	StDev
H1RG270_0 [dBm]	-64.60	-62.79	-63.63	-63.64	-76.32
H2RG257_0 [dBm]	-63.92	-62.22	-63.09	-63.09	-75.83
V2RG269_0 [dBm]	-64.62	-62.51	-63.42	-63.43	-76.12



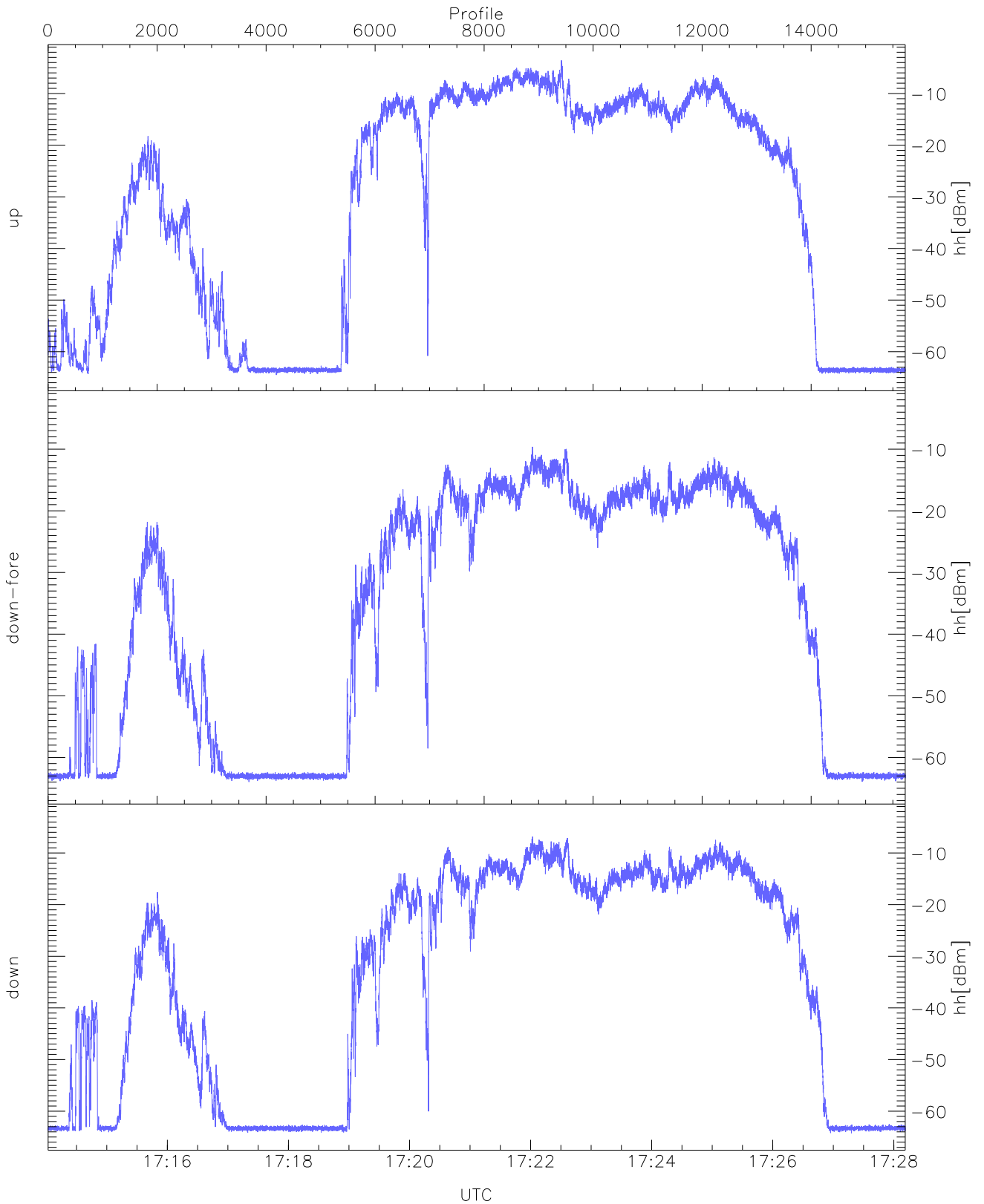
WCR2 CPP Averaged Received power for all recorded gates
blue: 171402-172107, 7865 profiles averaged
red: 172107-172811, 7864 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 171402-172107, 7865 profiles averaged
red: 172107-172811, 7864 profiles averaged

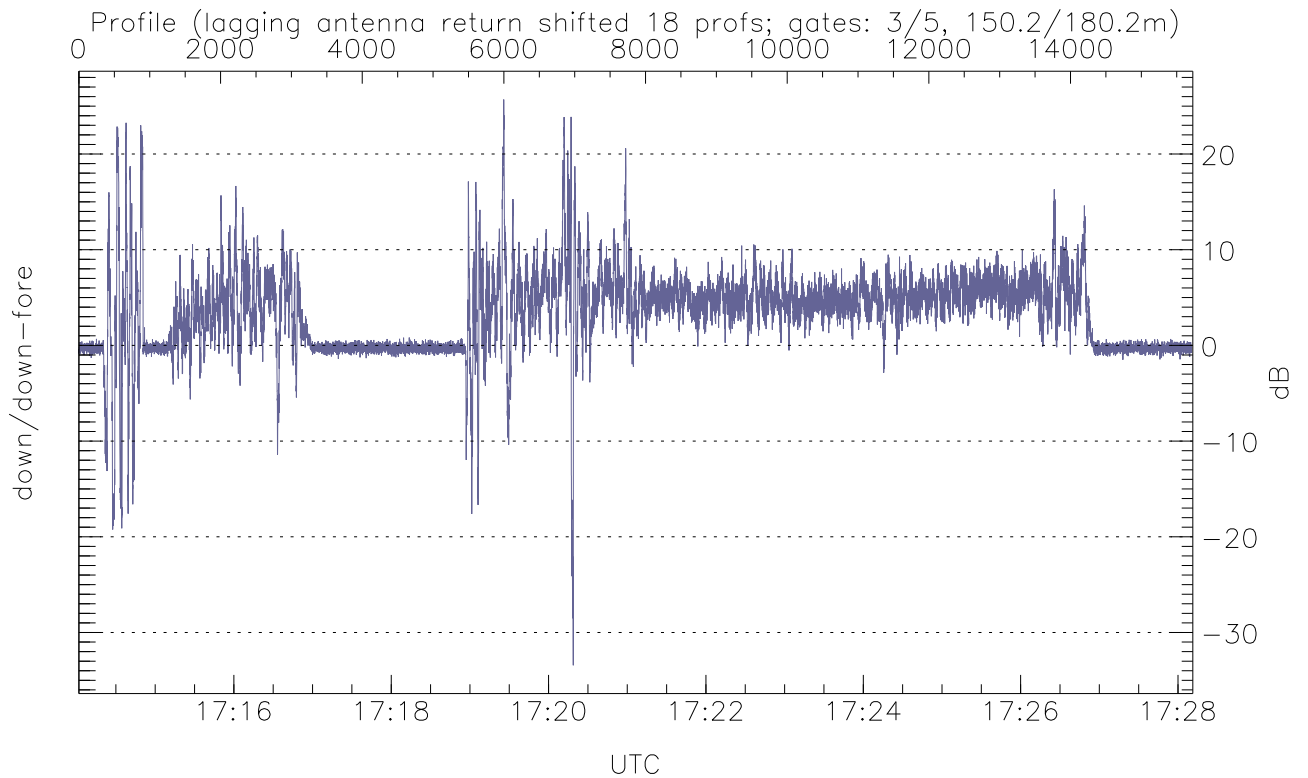
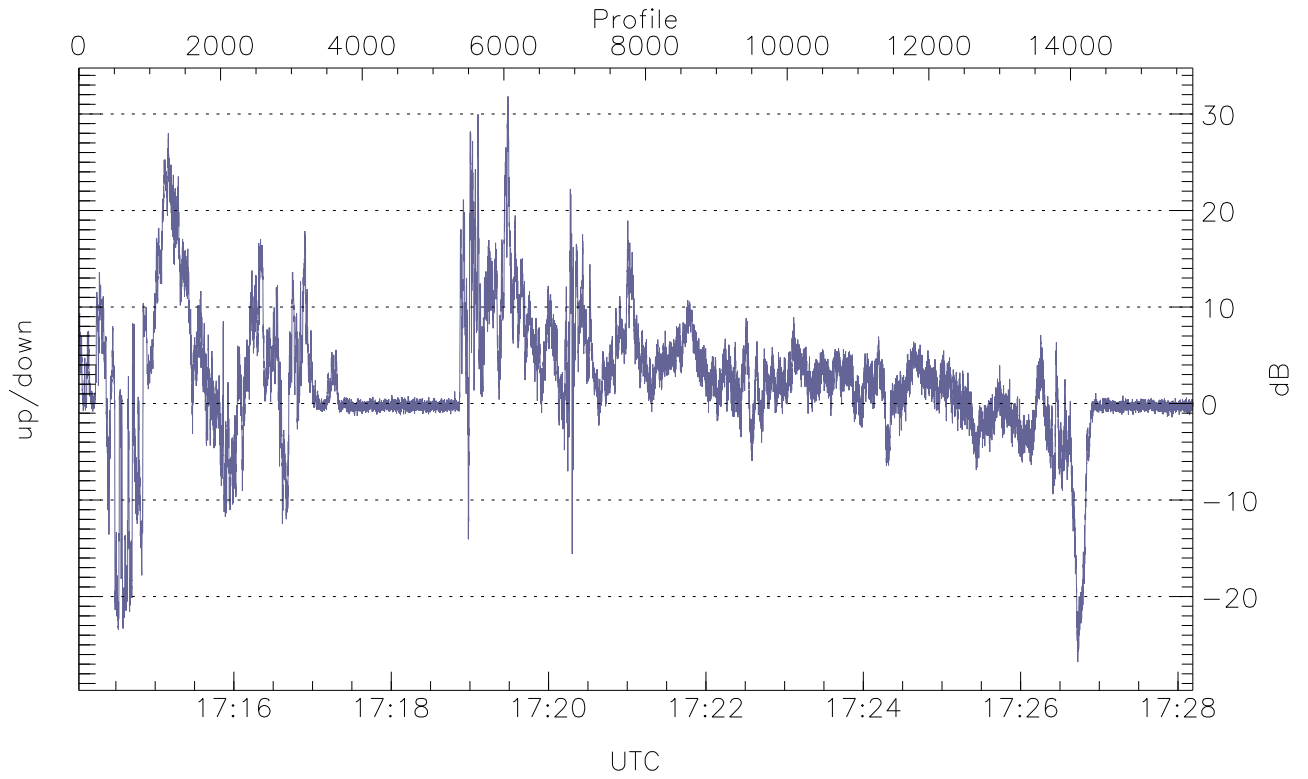


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



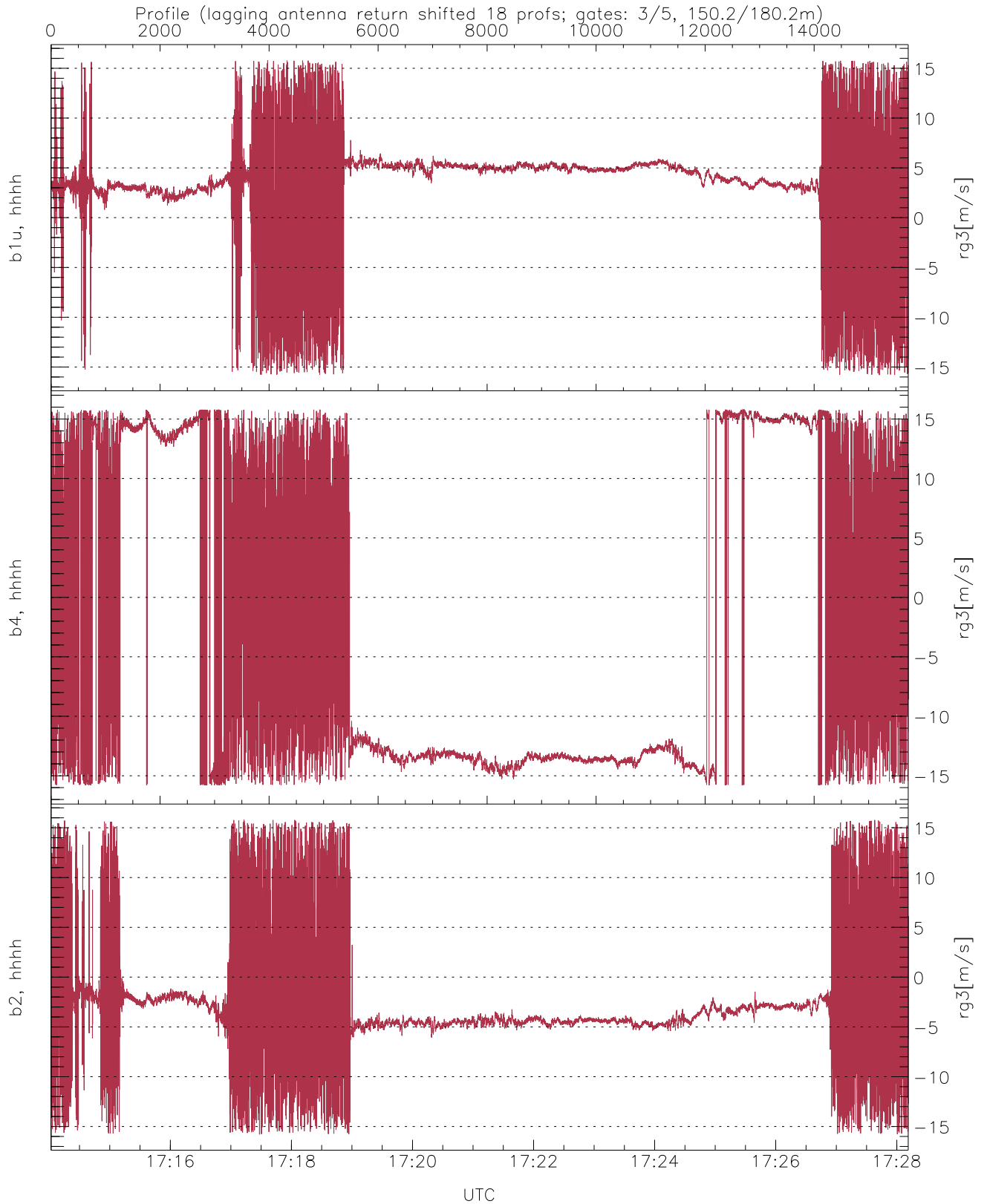
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh [dBm])	-64.51	-3.57	-13.95
down-fore(hh [dBm])	-63.97	-9.62	-20.16
down(hh [dBm])	-64.25	-6.80	-16.83



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

	Min	Max	Mean
up/down (dB)	-26.78	31.83	2.36
down/down-fore (dB)	-33.43	25.70	3.34



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.80	15.79	3.19	4.79
b4, hhhh(rg3[m/s])	-15.80	15.80	-2.53	12.57
b2, hhhh(rg3[m/s])	-15.79	15.79	-2.78	5.08