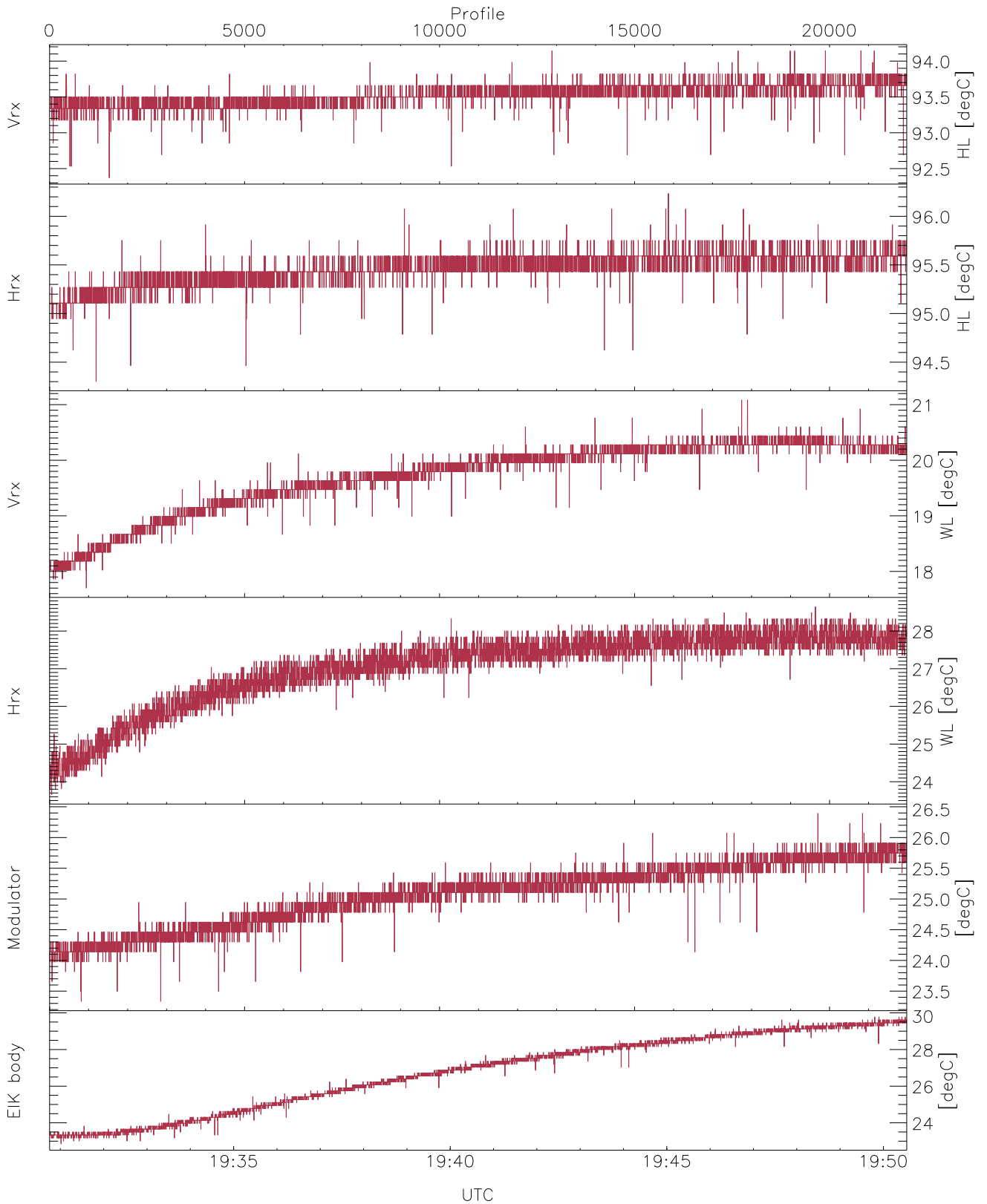


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

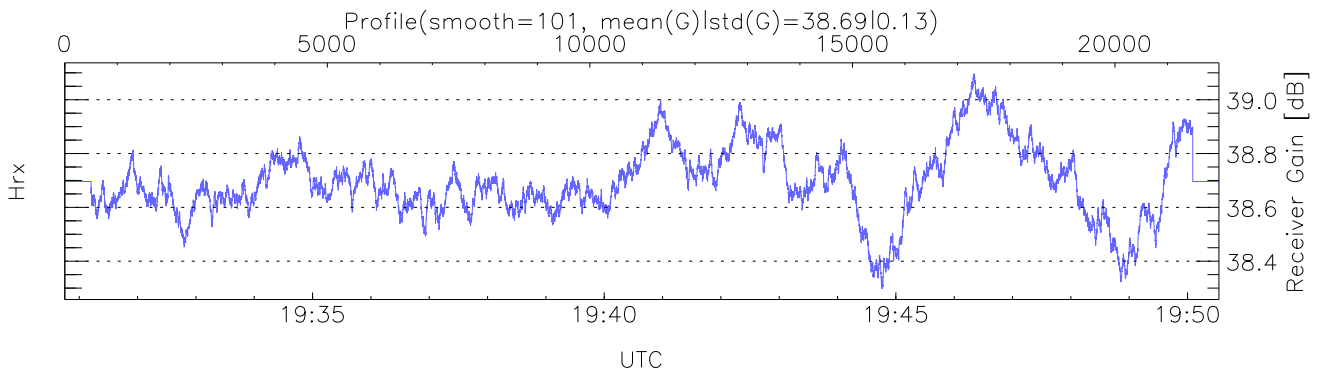
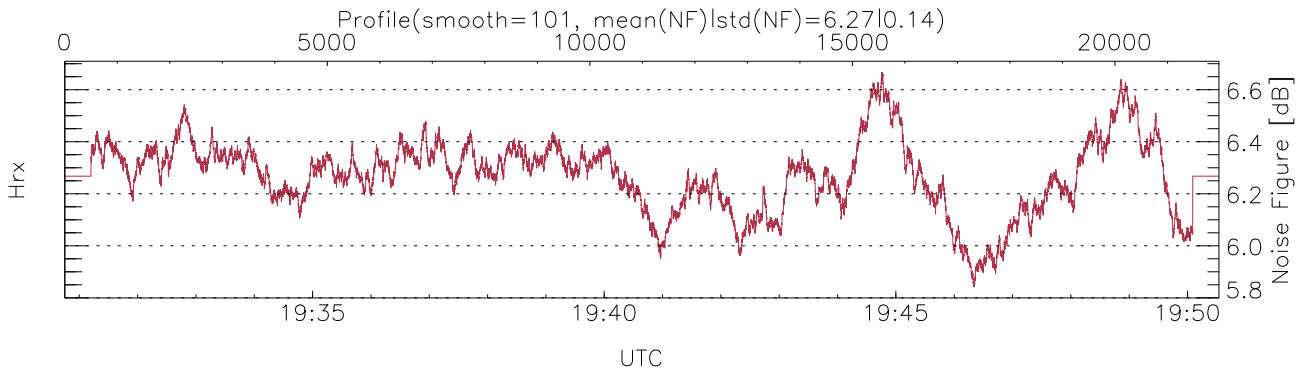
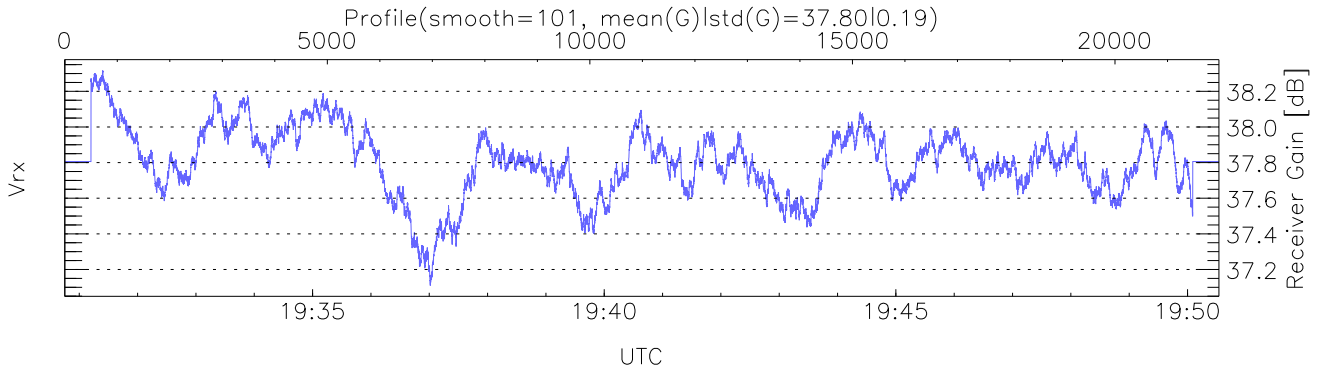
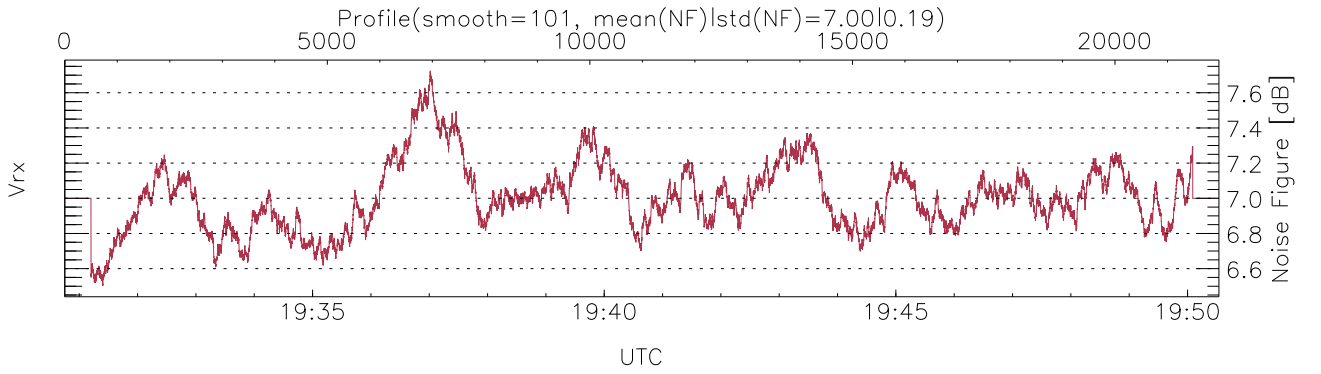
UTC: 19:30:45-19:50:32, Dur: 1187.22s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 54.0,54.0,54.0,0.0 ms / 19,19,19
 NumRec(r/t): 21981/21981, 0-21980/19:30:45-19:50:32
 AcqTime: 54.0ms, Rate: 287KB/s, Averages: 180
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 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

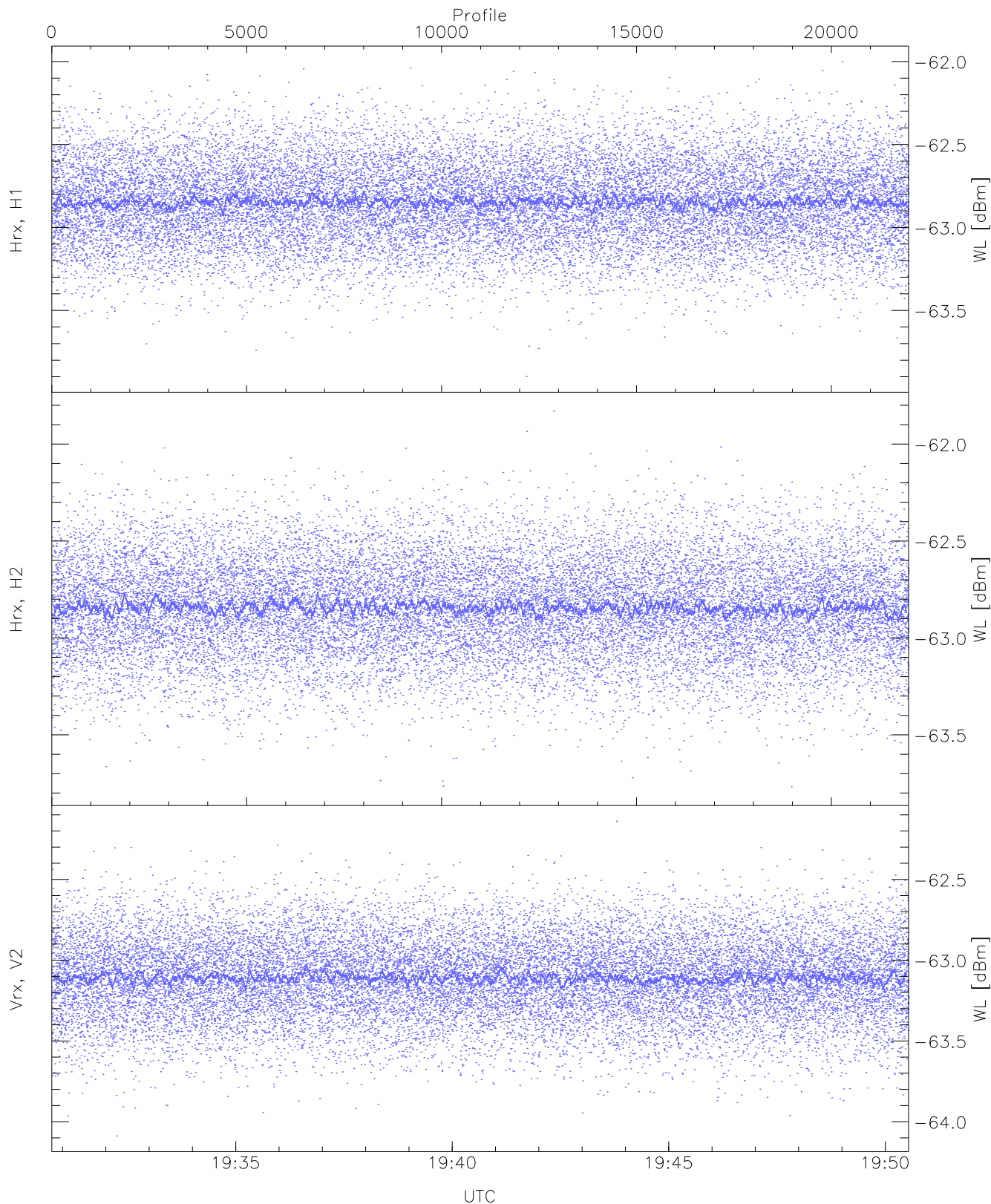
```

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,17,23,23,22
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,21,28,26,29
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
  DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (5,5,10,10,5,17)
    
```



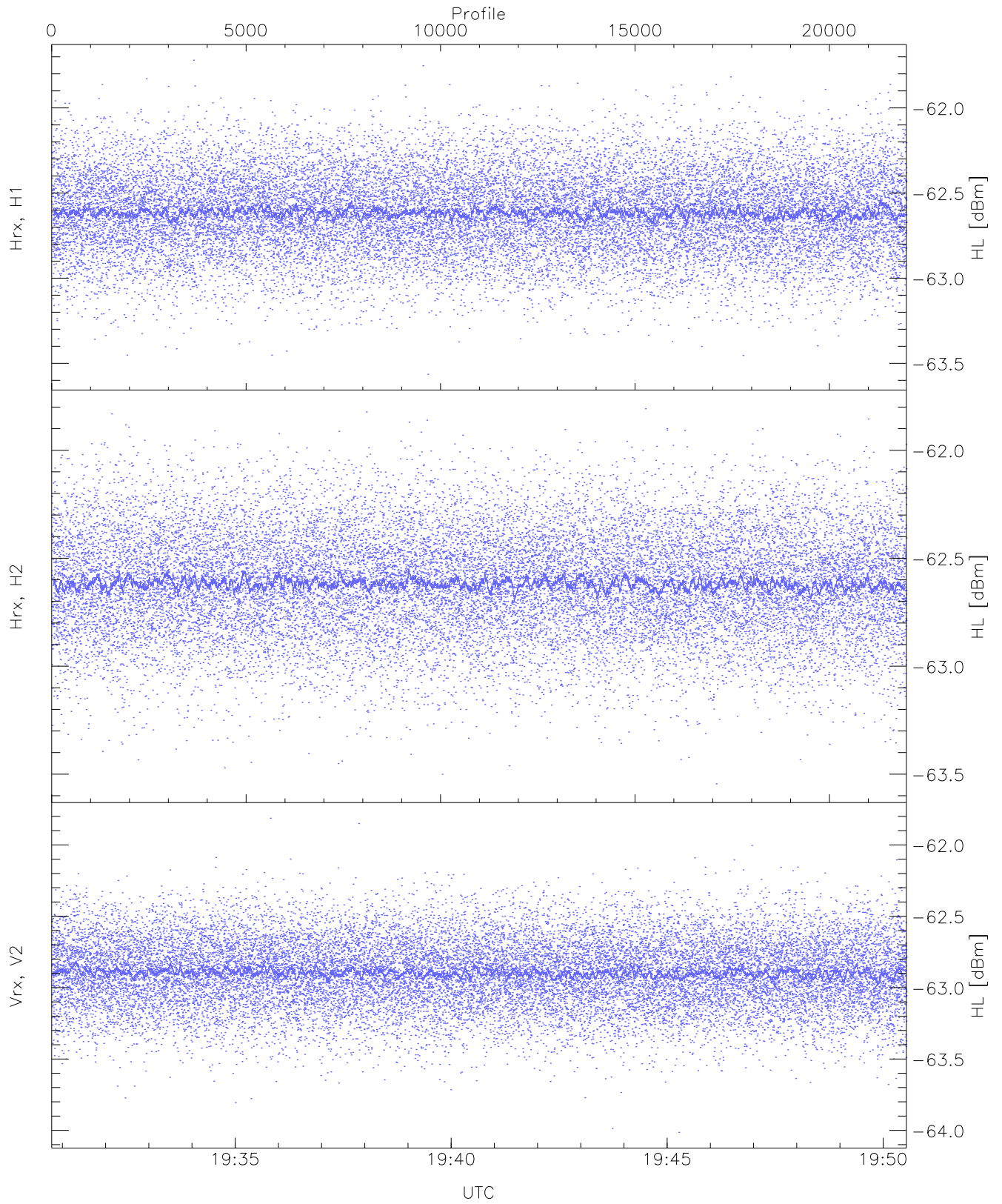
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 179 pixs, 20 gates, 163 profs, 1 prods



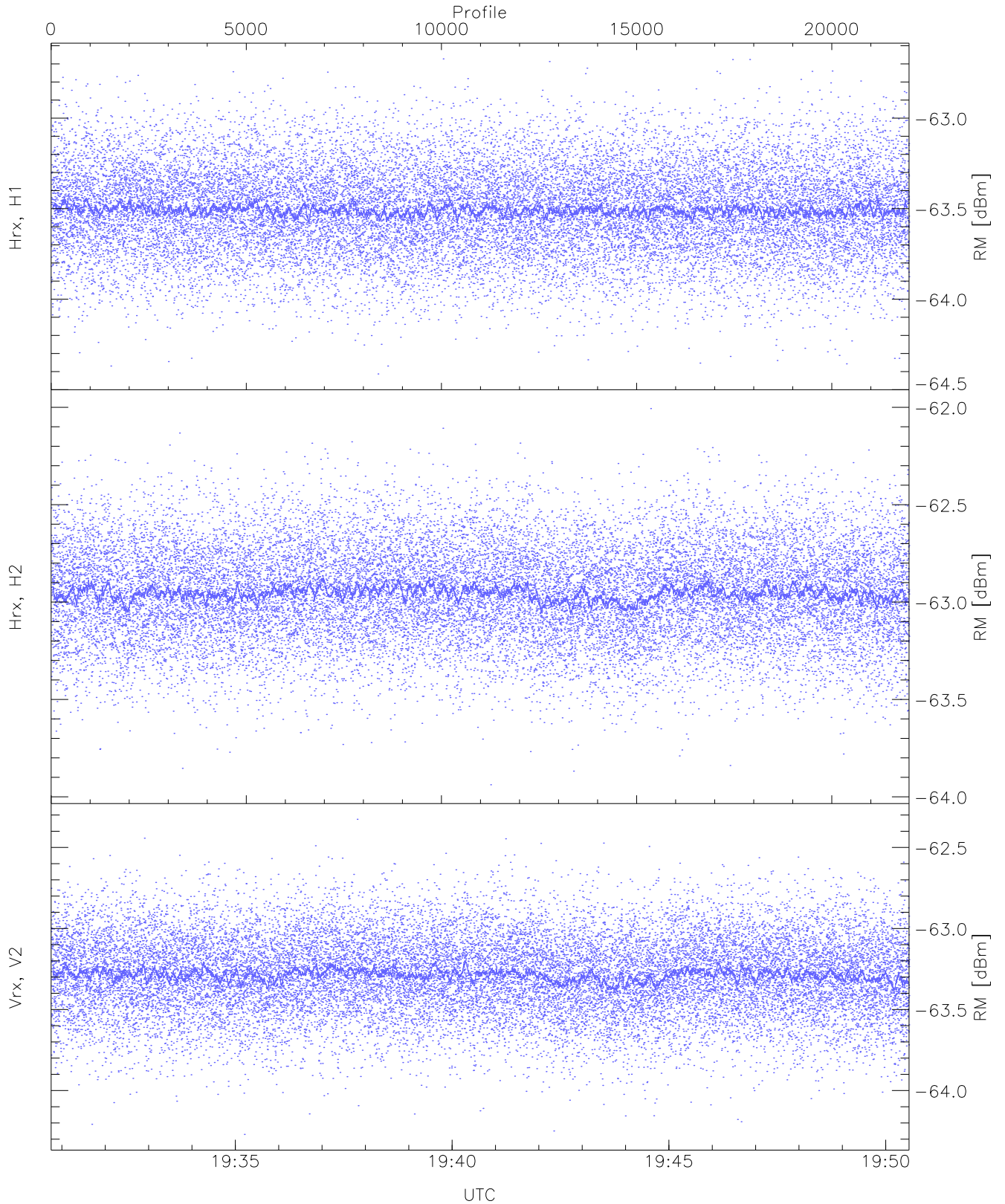
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-63.90	-62.00	-62.84	-62.85	-75.55
Hrx, H2 (WL [dBm])	-63.77	-61.83	-62.84	-62.84	-75.56
Vrx, V2 (WL [dBm])	-64.09	-62.14	-63.11	-63.11	-75.84



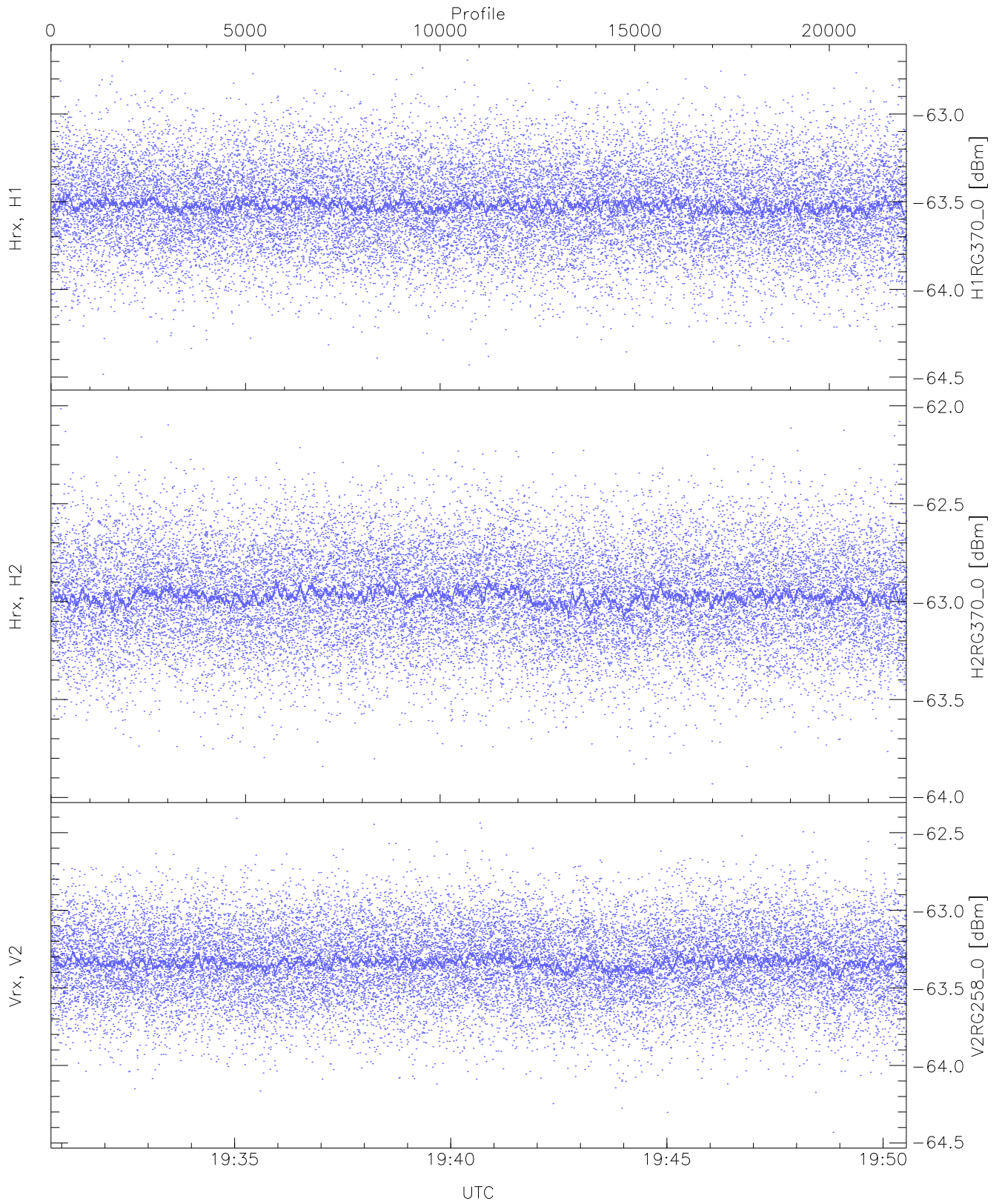
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.56	-61.72	-62.61	-62.62	-75.37
Hrx, H2 (HL [dBm])	-63.54	-61.81	-62.61	-62.62	-75.36
Vrx, V2 (HL [dBm])	-64.01	-61.81	-62.89	-62.90	-75.57



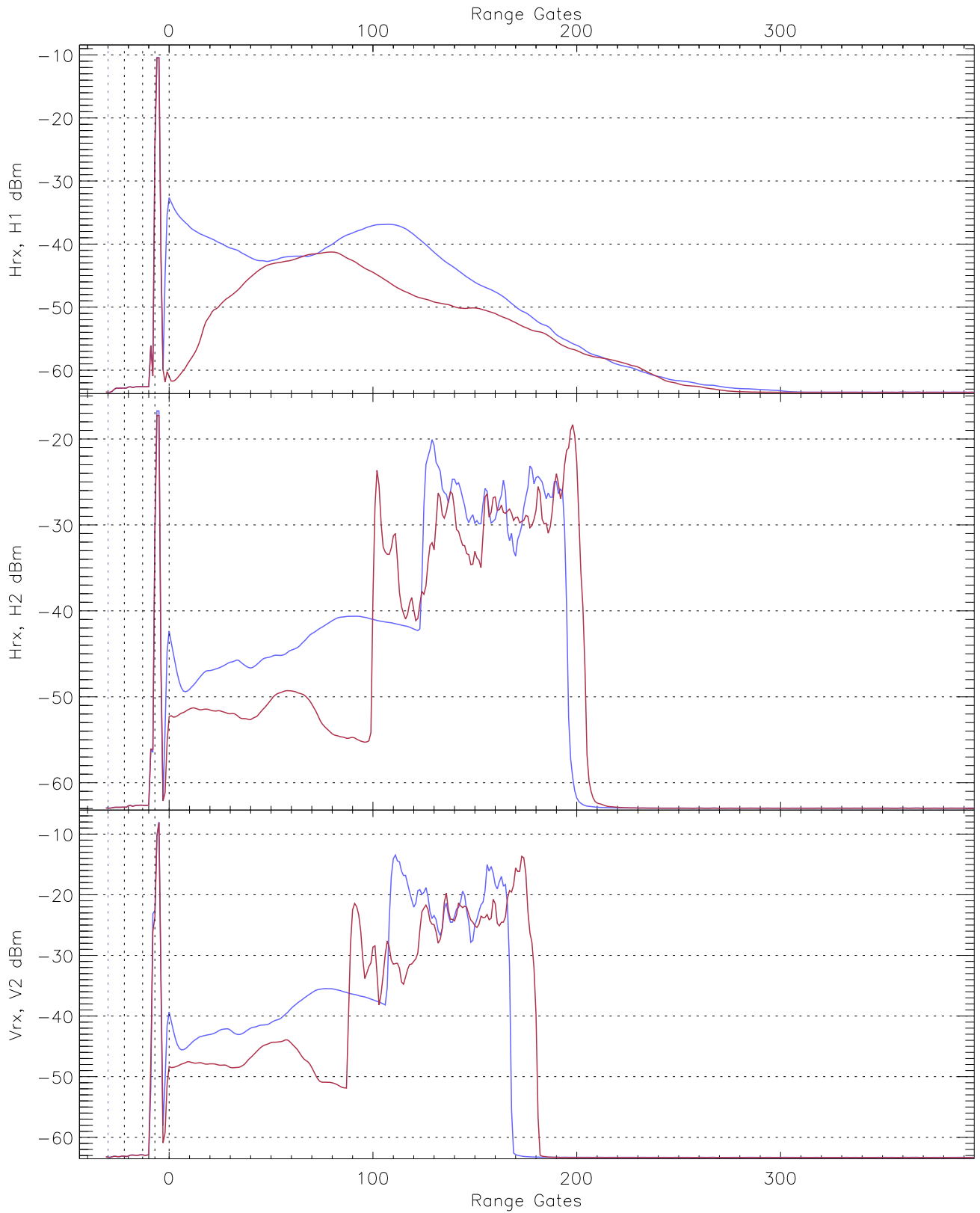
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.41	-62.67	-63.50	-63.51	-76.20
Hrx, H2 (RM [dBm])	-63.94	-62.01	-62.95	-62.96	-75.67
Vrx, V2 (RM [dBm])	-64.27	-62.33	-63.28	-63.29	-75.97

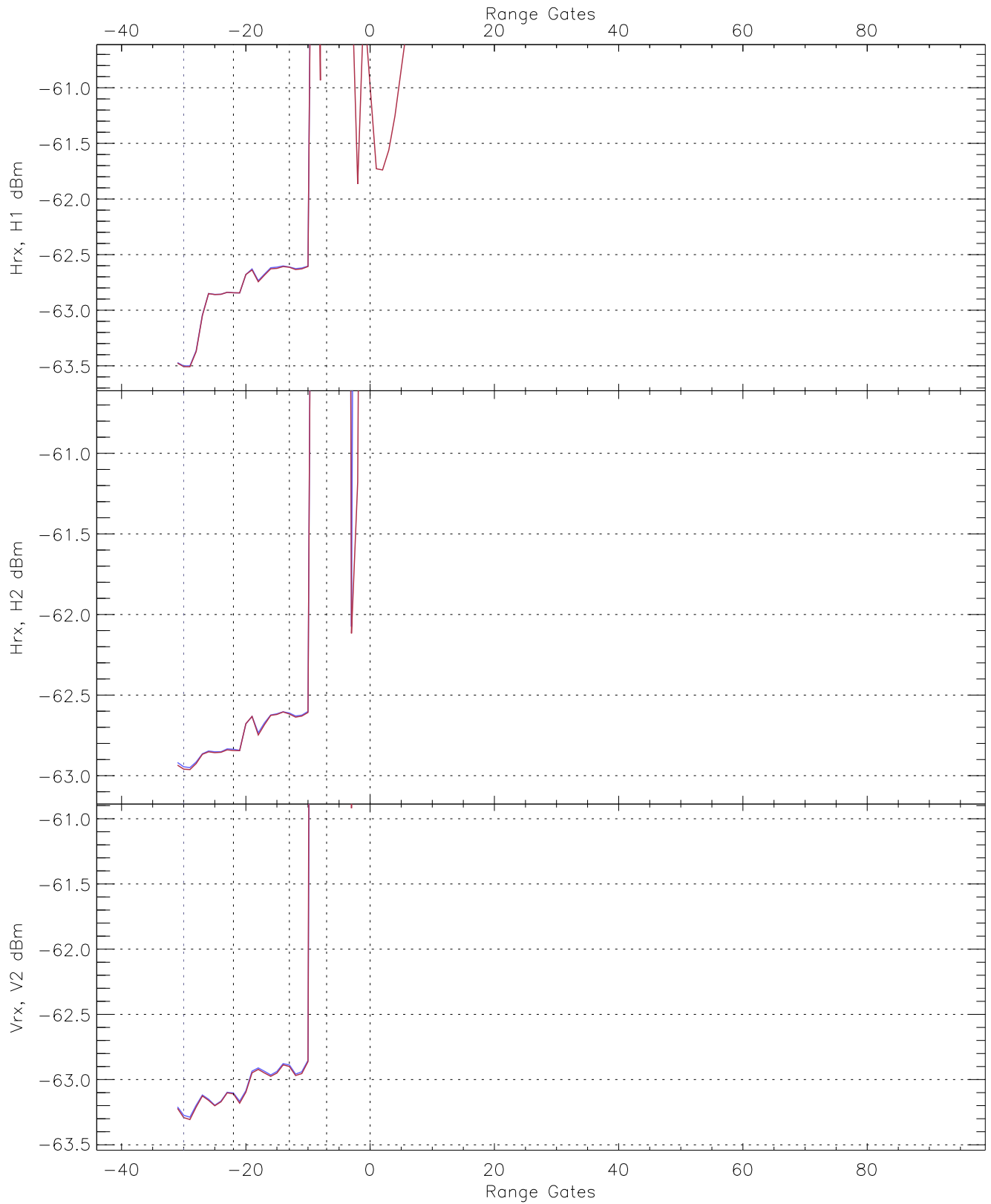


WCR2 CPP "Best" estimate Receivers Noise Power

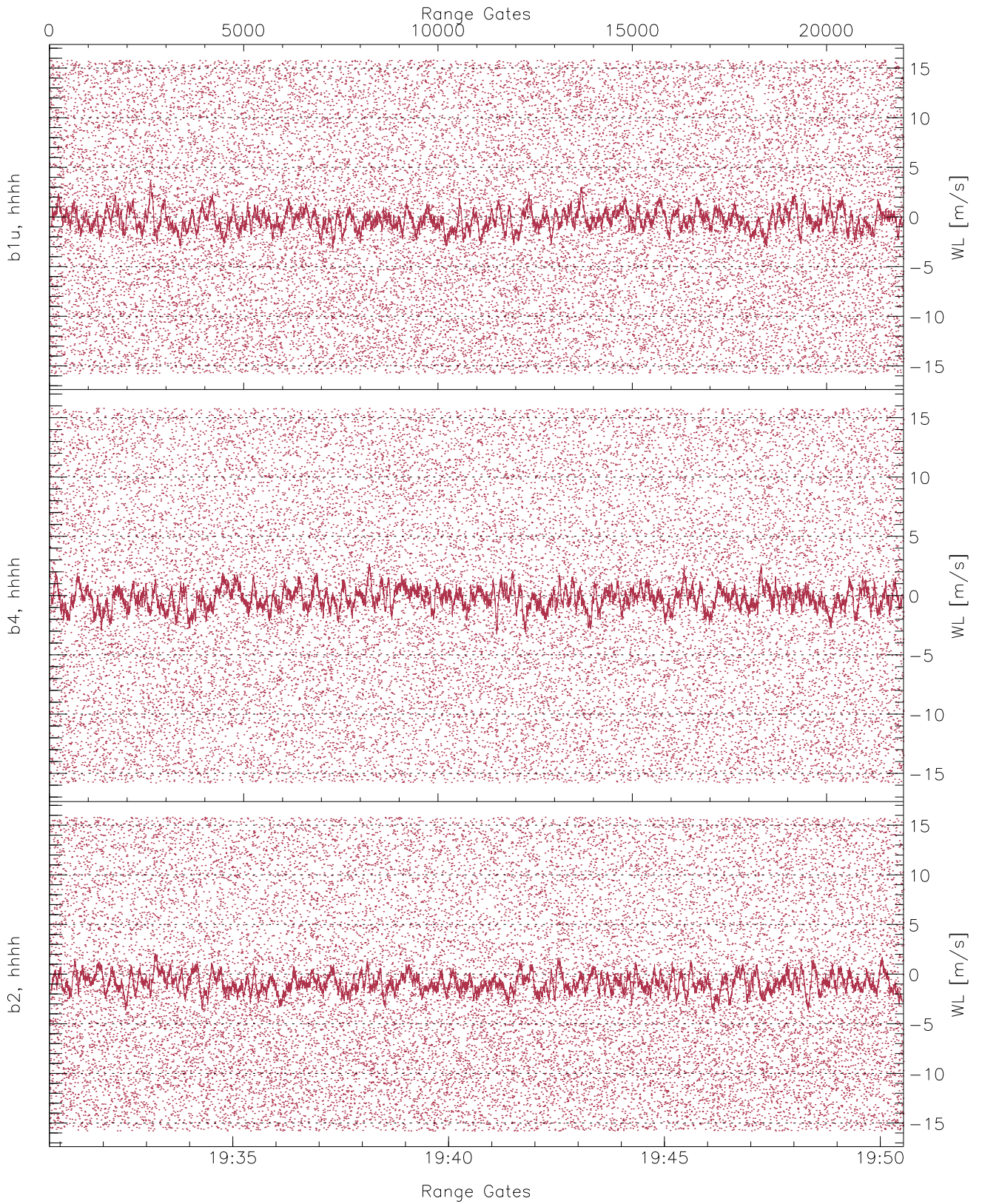
	Min	Max	Mean	Median	StDev
H1RG370_0 [dBm]	-64.48	-62.69	-63.52	-63.52	-76.26
H2RG370_0 [dBm]	-63.93	-62.02	-62.97	-62.97	-75.68
V2RG258_0 [dBm]	-64.43	-62.41	-63.34	-63.34	-76.02



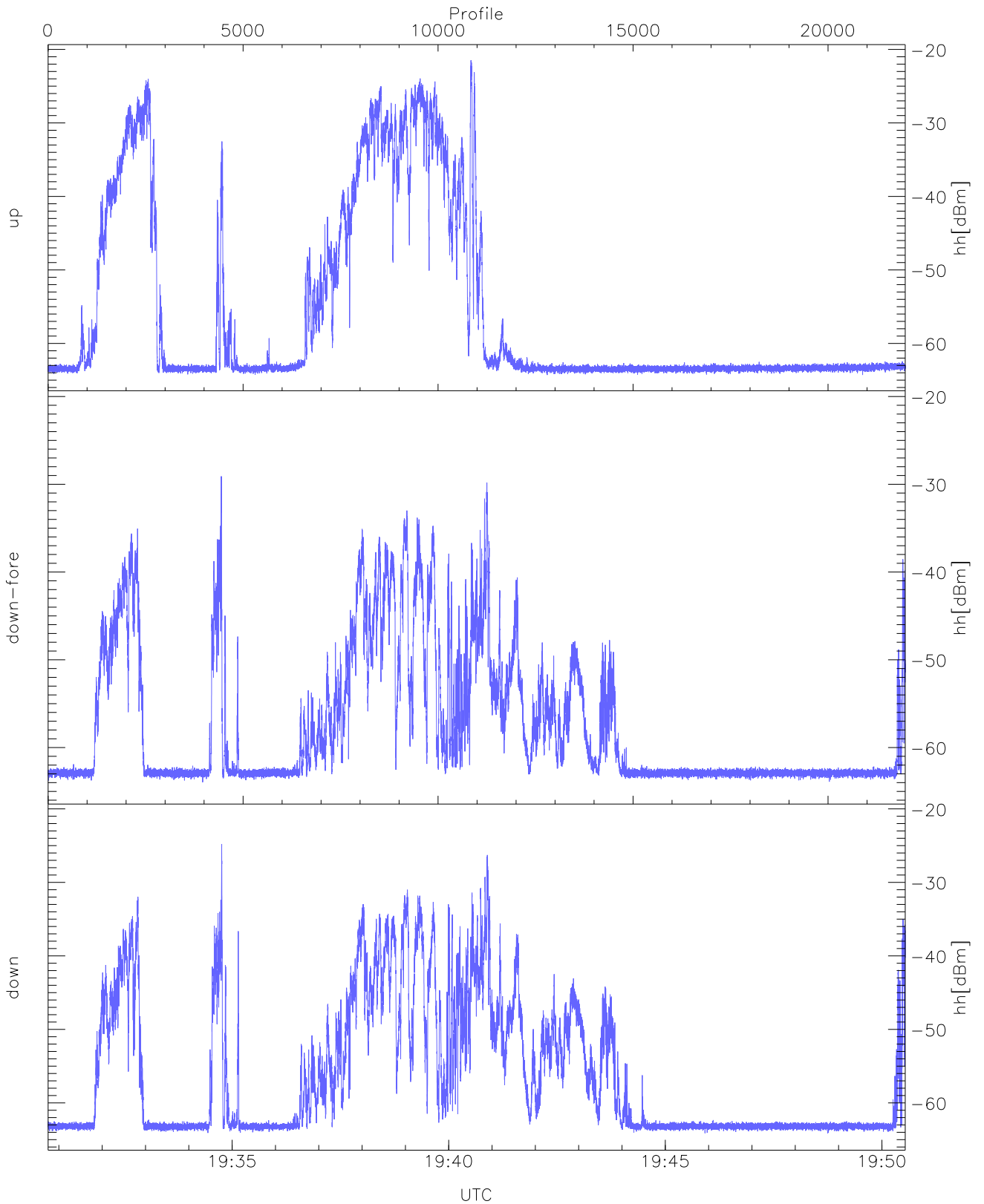
WCR2 CPP Averaged Received power for all recorded gates
blue: 193045-194039, 10991 profiles averaged
red: 194039-195032, 10991 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 193045-194039, 10991 profiles averaged
red: 194039-195032, 10991 profiles averaged

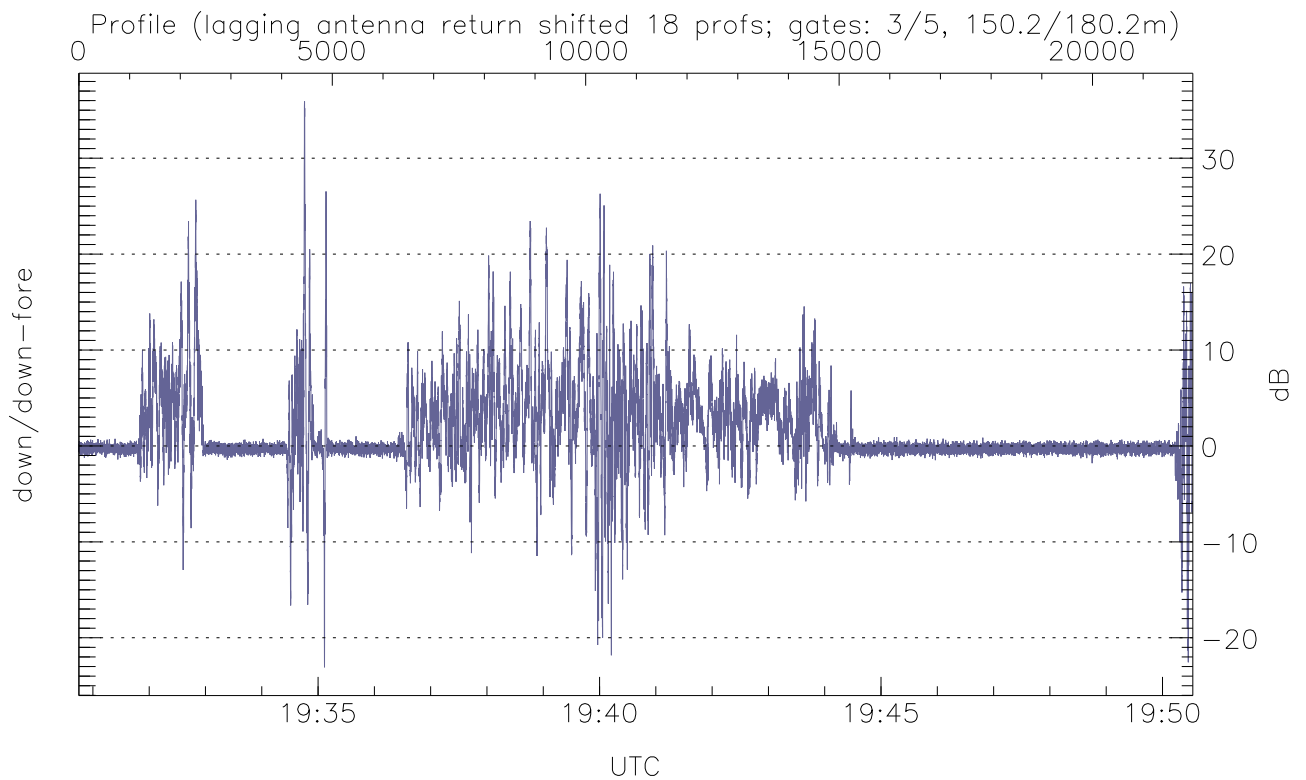
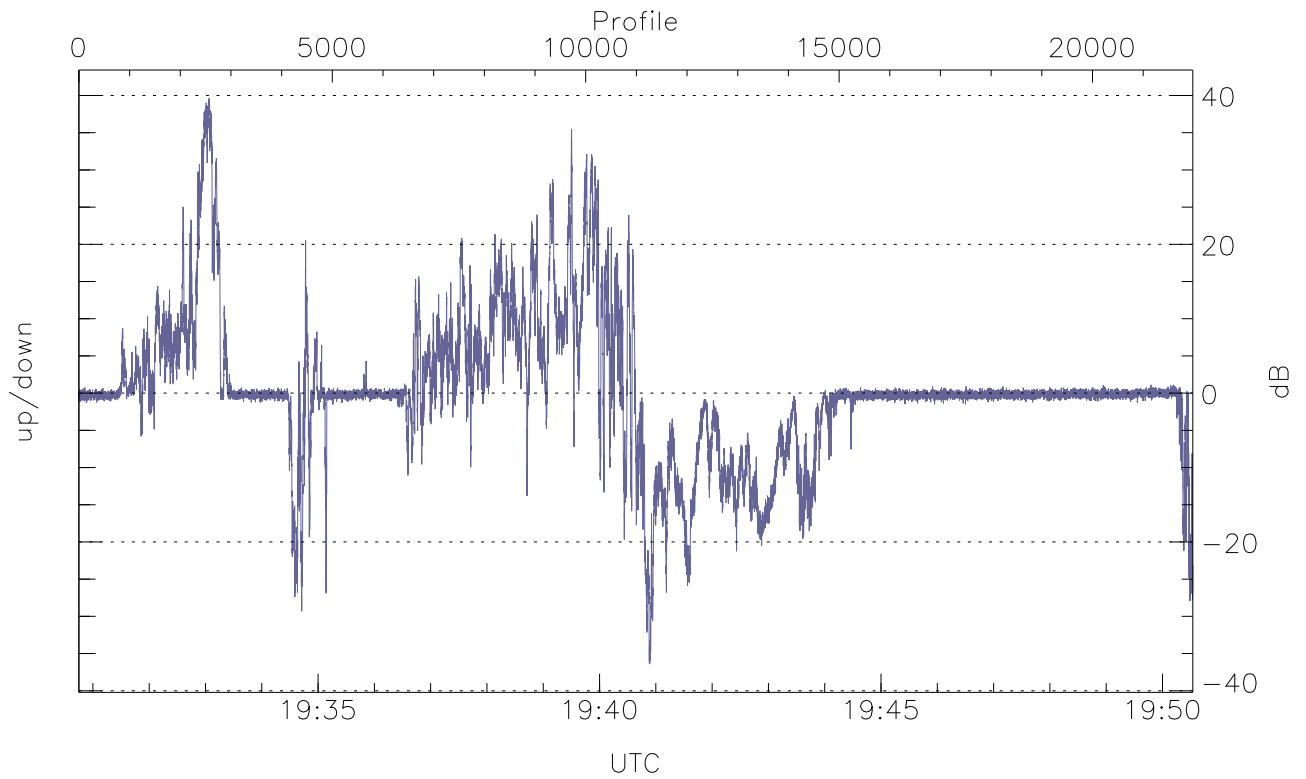


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



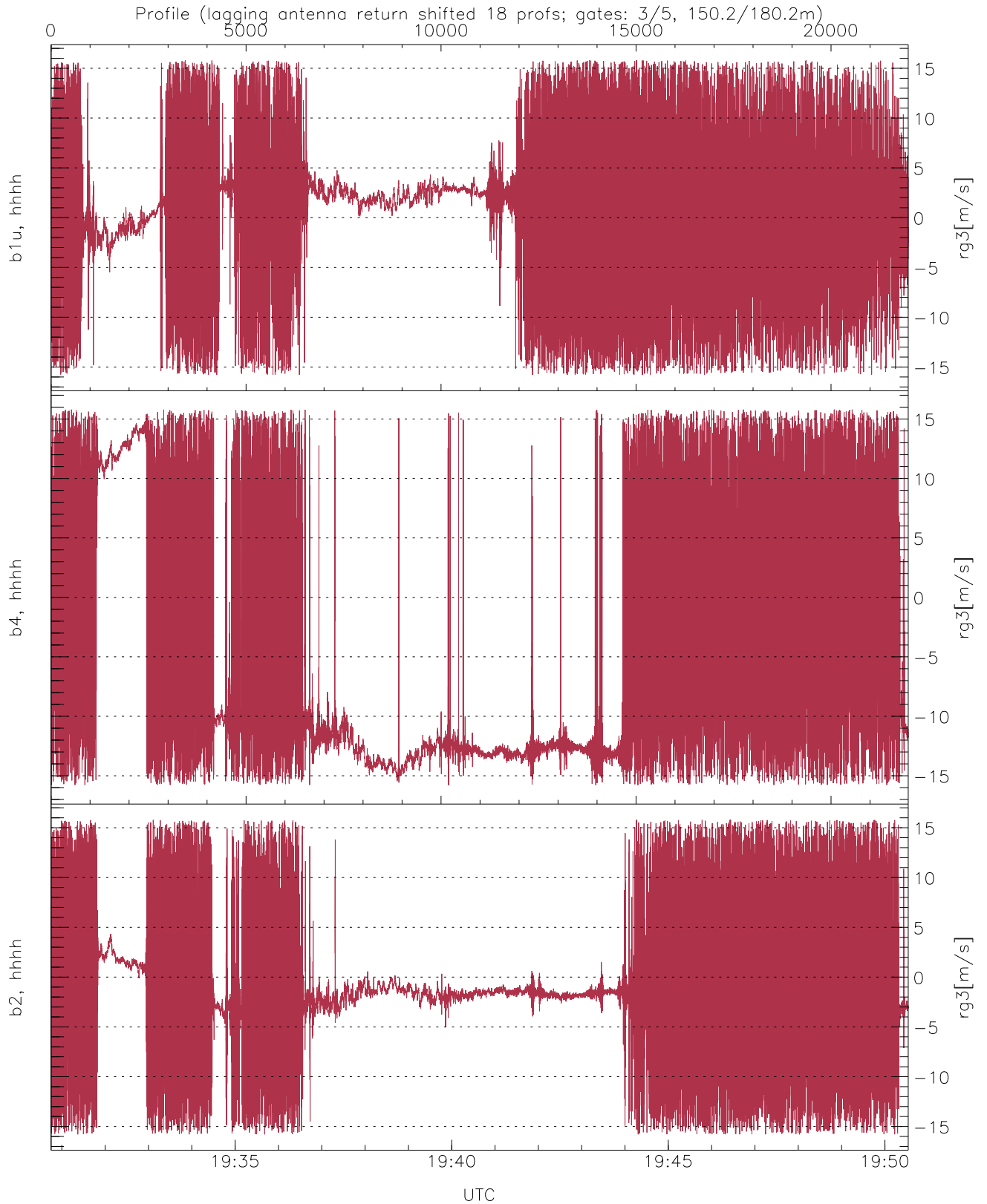
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-64.30	-21.48	-37.68
down-fore(hh[dBm])	-63.95	-29.09	-48.20
down(hh[dBm])	-64.13	-24.79	-45.40



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

	Min	Max	Mean
up/down (dB)	-36.41	39.63	0.33
down/down-fore (dB)	-23.08	35.91	1.49



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.80	15.80	0.53	6.67
b4, hhhh(rg3[m/s])	-15.79	15.80	-4.54	9.93
b2, hhhh(rg3[m/s])	-15.79	15.80	-1.00	6.53