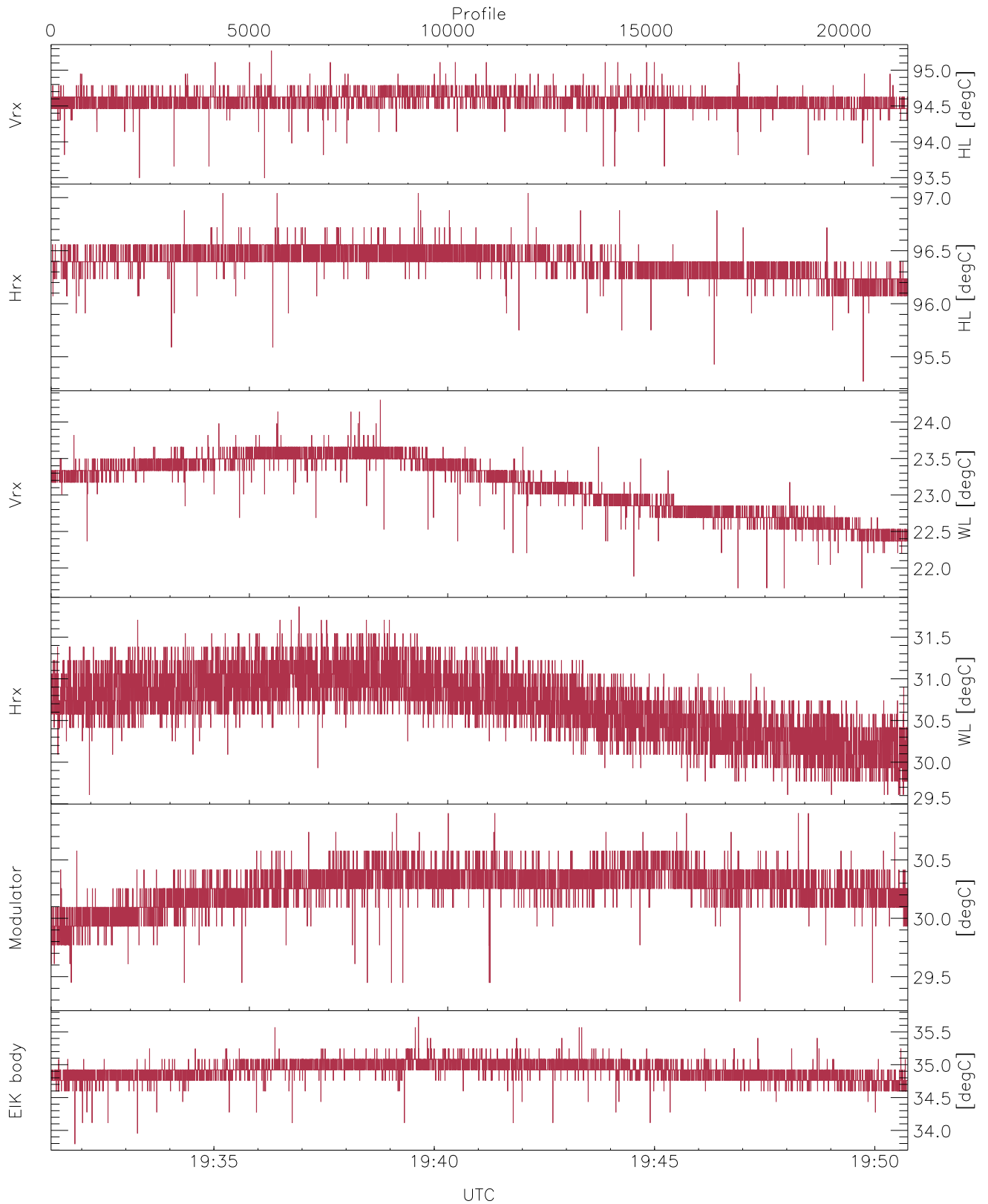


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

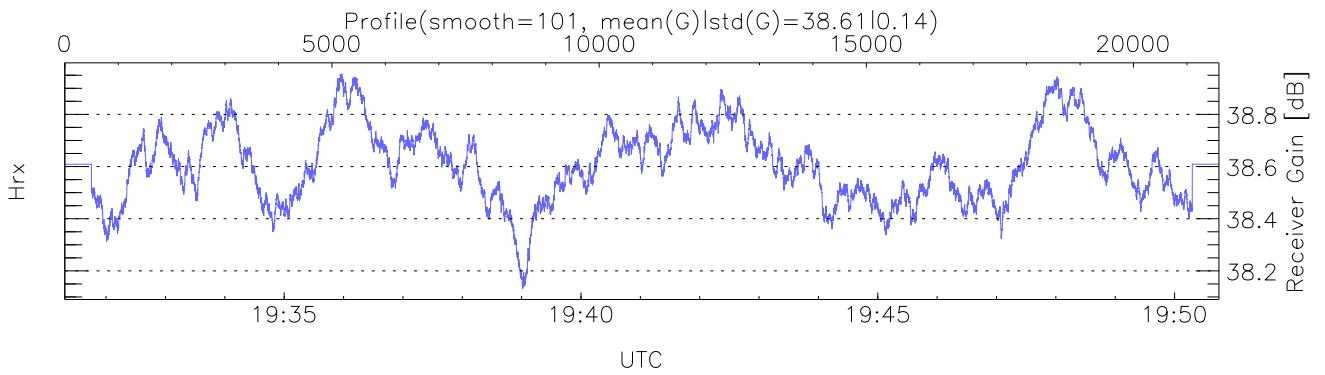
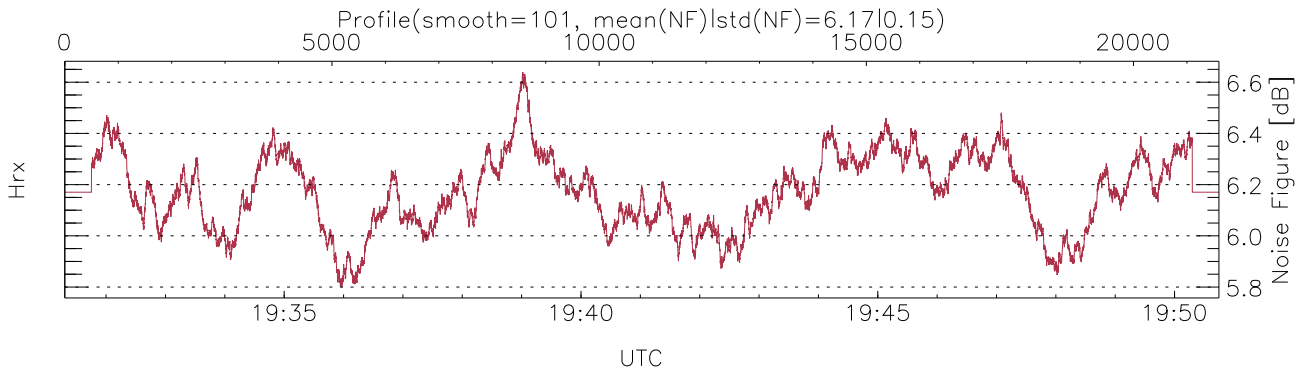
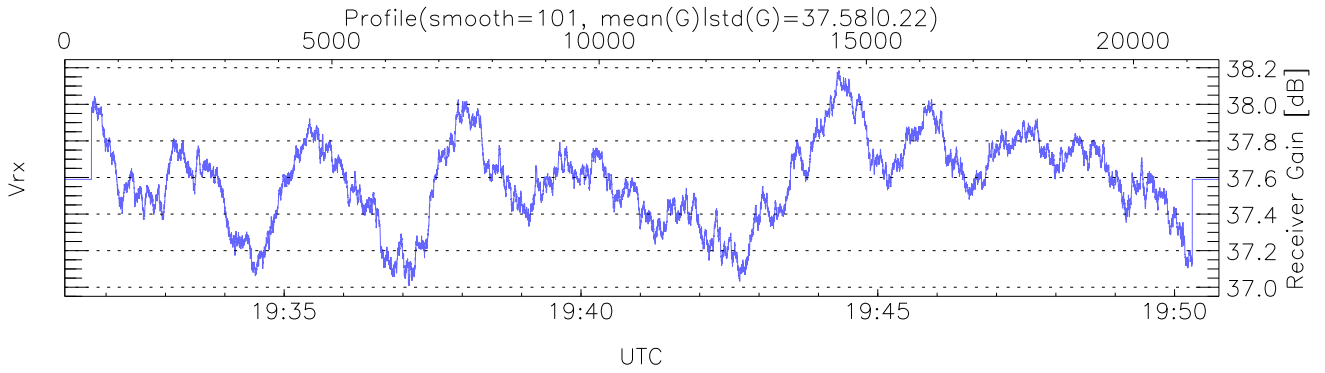
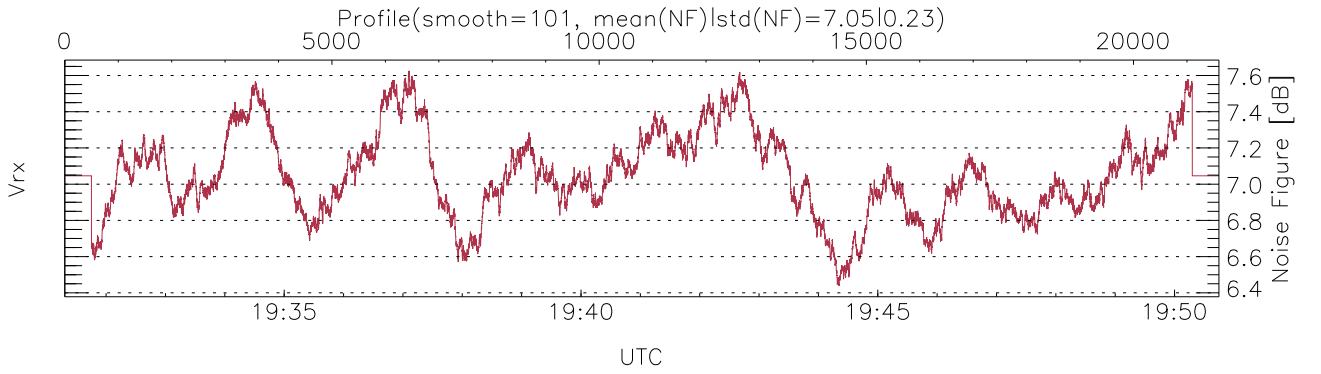
UTC: 19:31:18-20:01:28, Dur: 1809.51s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 54.0,54.0,54.0,0.0 ms / 19,19,19
 NumRec(r/t): 21600/33502, 0-21599/19:31:18-19:50:45
 AcqTime: 54.0ms, Rate: 287KB/s, Averages: 180
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 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

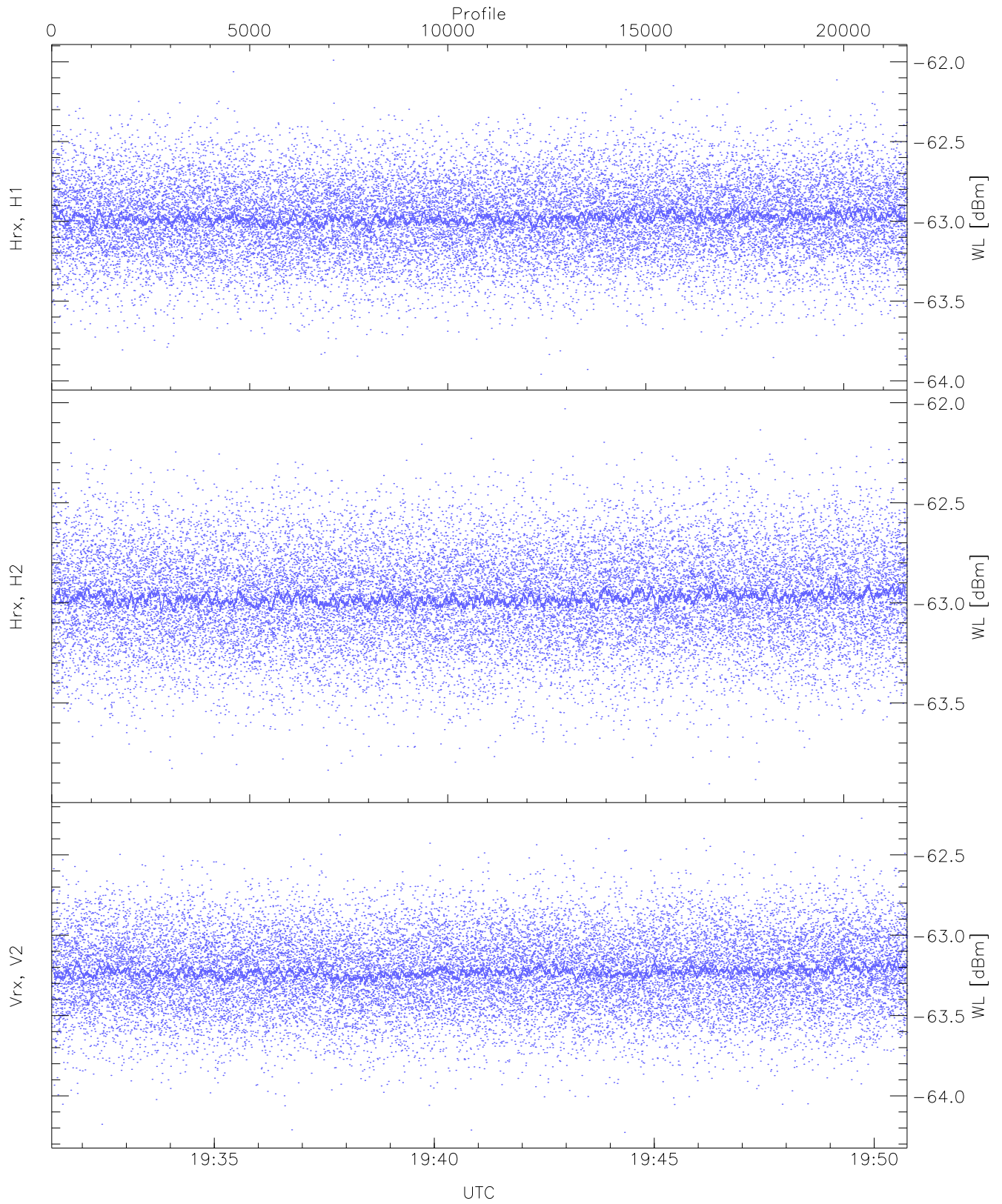
```

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,21,29,29,33
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 95,97,24,31,30,35
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
  DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (20,20,20,20,20,20)
    
```



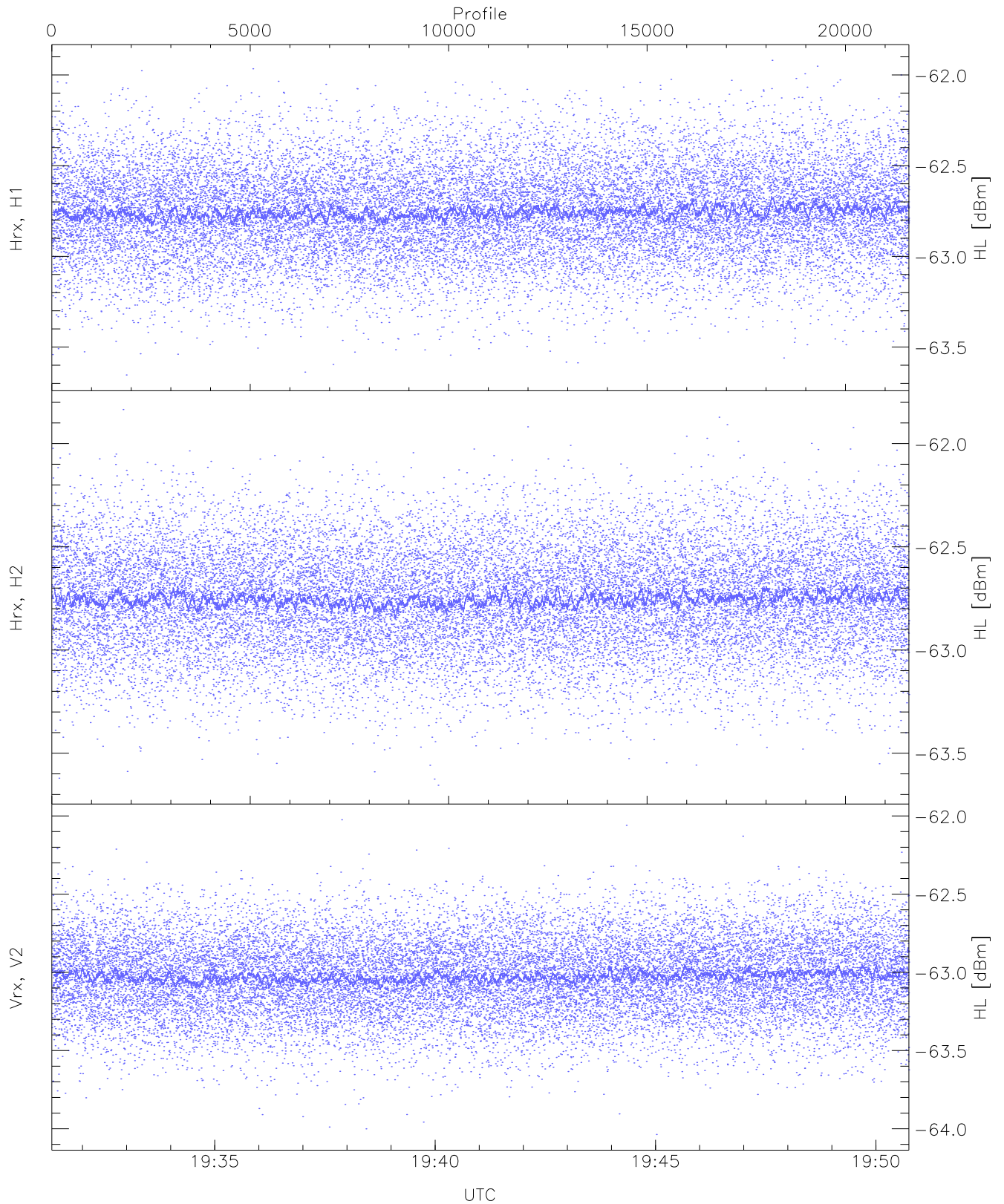
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 1181 pixs, 65 gates, 1138 profs, 2 prods



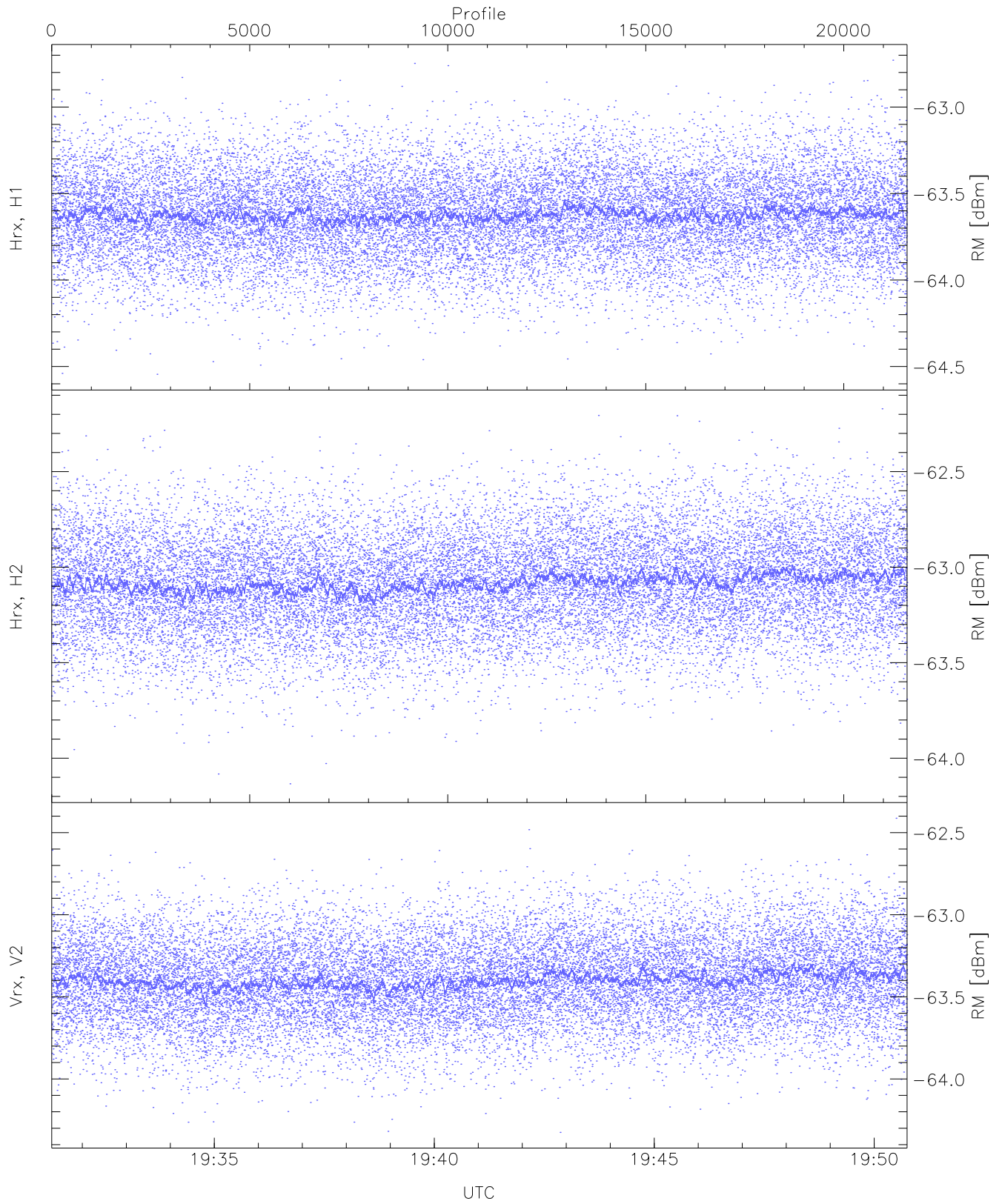
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-63.96	-61.99	-62.97	-62.98	-75.68
Hrx, H2 (WL [dBm])	-63.90	-62.03	-62.97	-62.98	-75.69
Vrx, V2 (WL [dBm])	-64.23	-62.27	-63.23	-63.23	-75.94



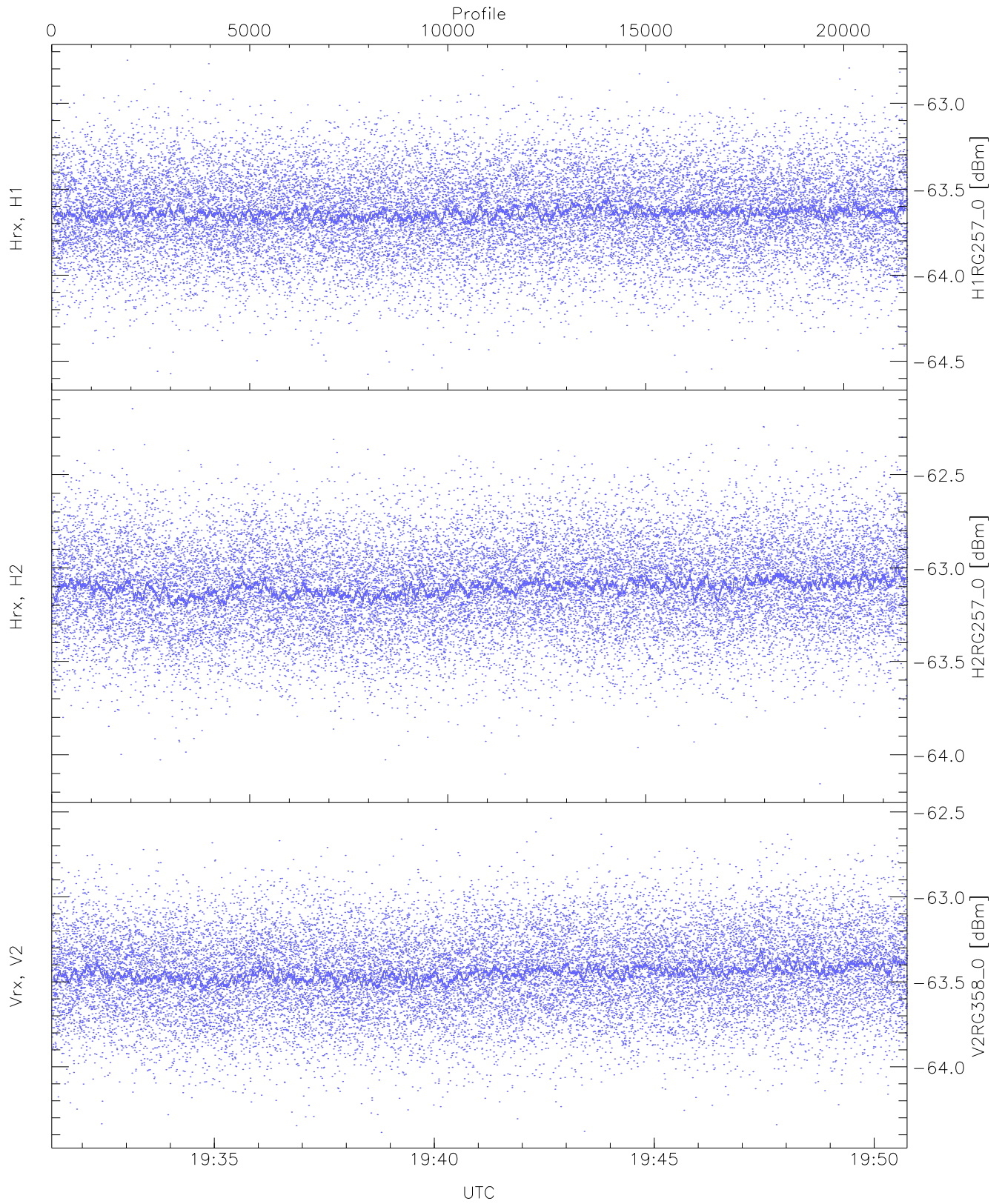
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.65	-61.92	-62.75	-62.76	-75.45
Hrx, H2 (HL [dBm])	-63.66	-61.83	-62.75	-62.75	-75.46
Vrx, V2 (HL [dBm])	-64.04	-62.02	-63.02	-63.03	-75.73



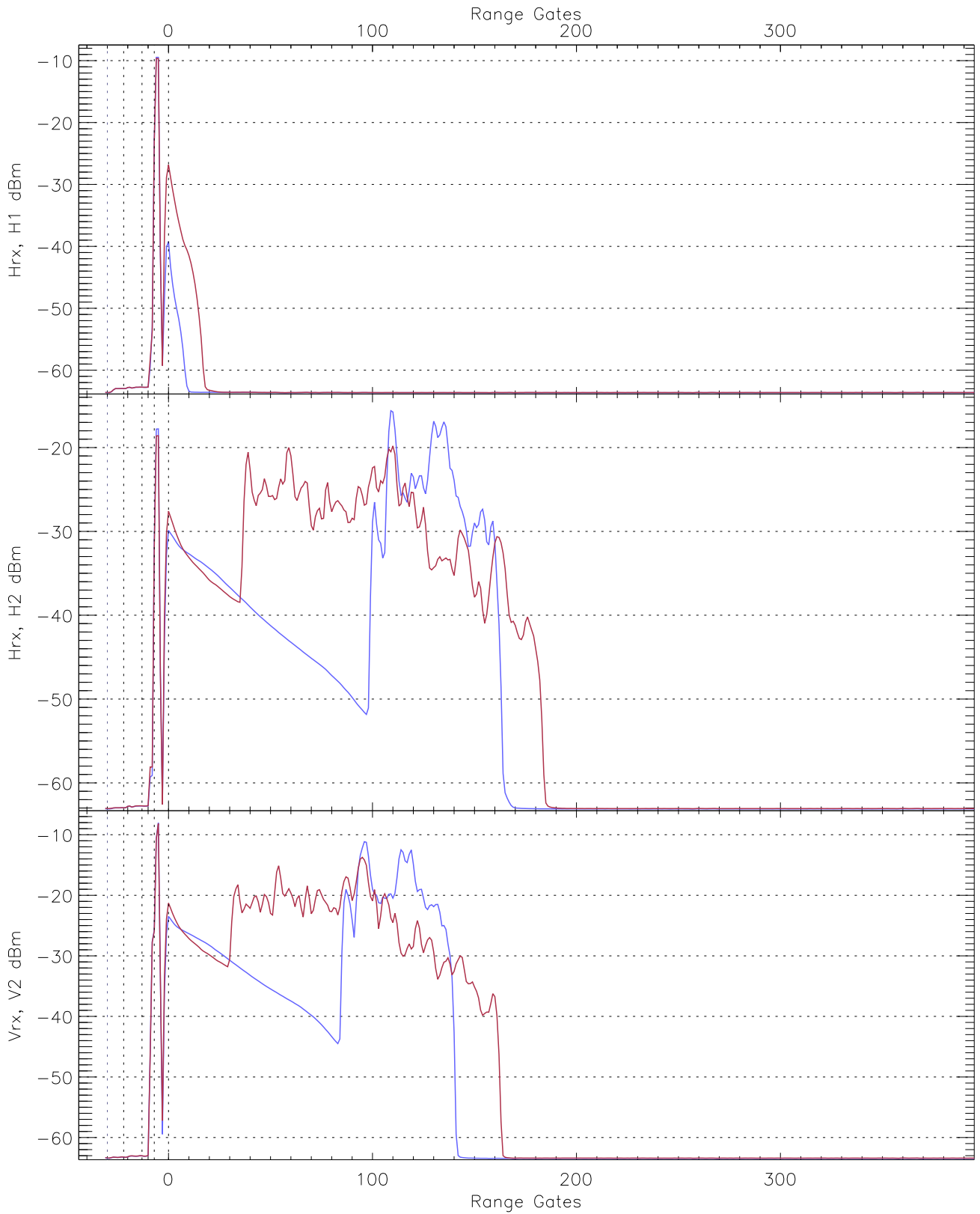
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.55	-62.73	-63.62	-63.62	-76.33
Hrx, H2 (RM [dBm])	-64.13	-62.17	-63.08	-63.08	-75.72
Vrx, V2 (RM [dBm])	-64.33	-62.41	-63.40	-63.40	-76.04

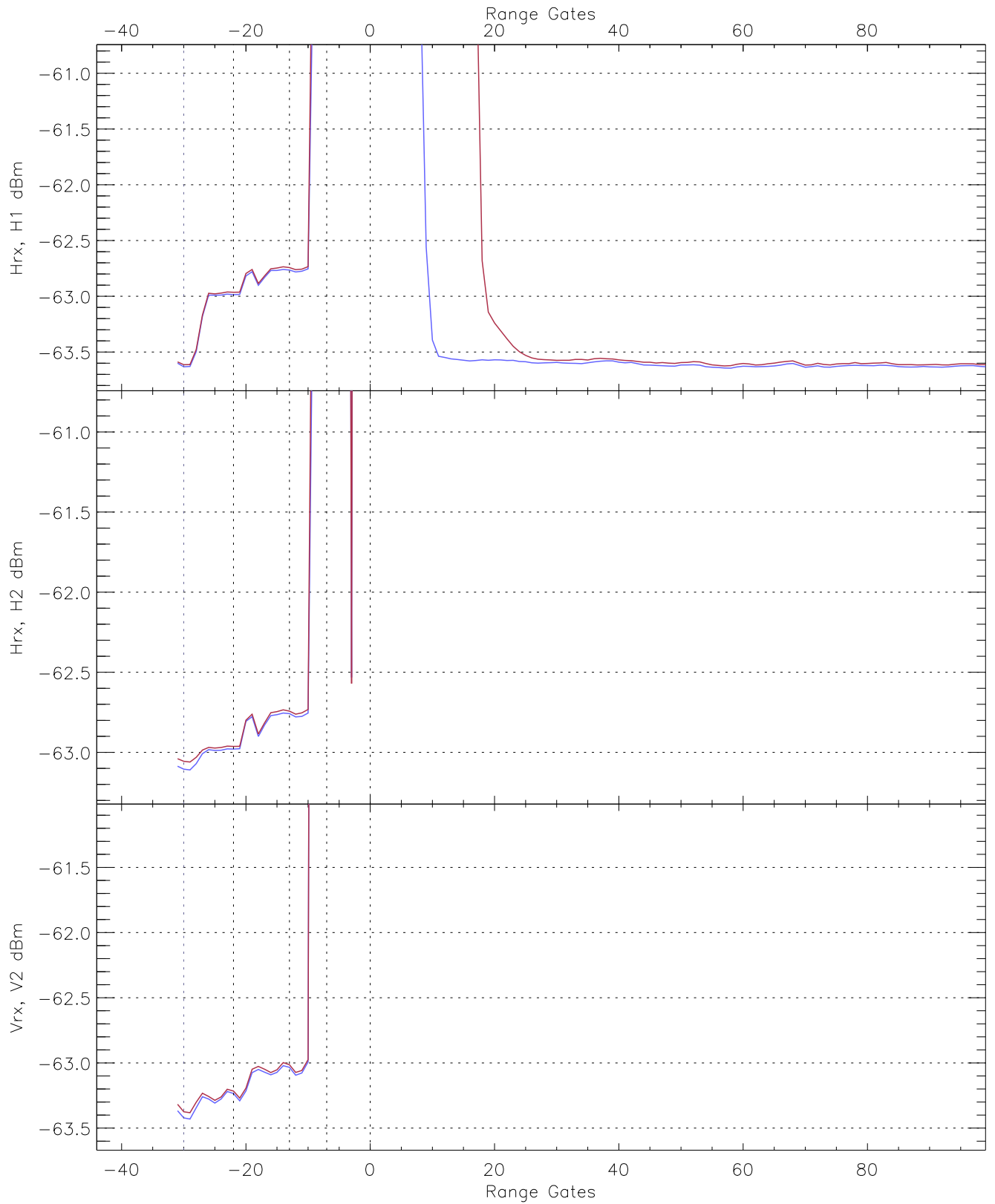


WCR2 CPP "Best" estimate Receivers Noise Power

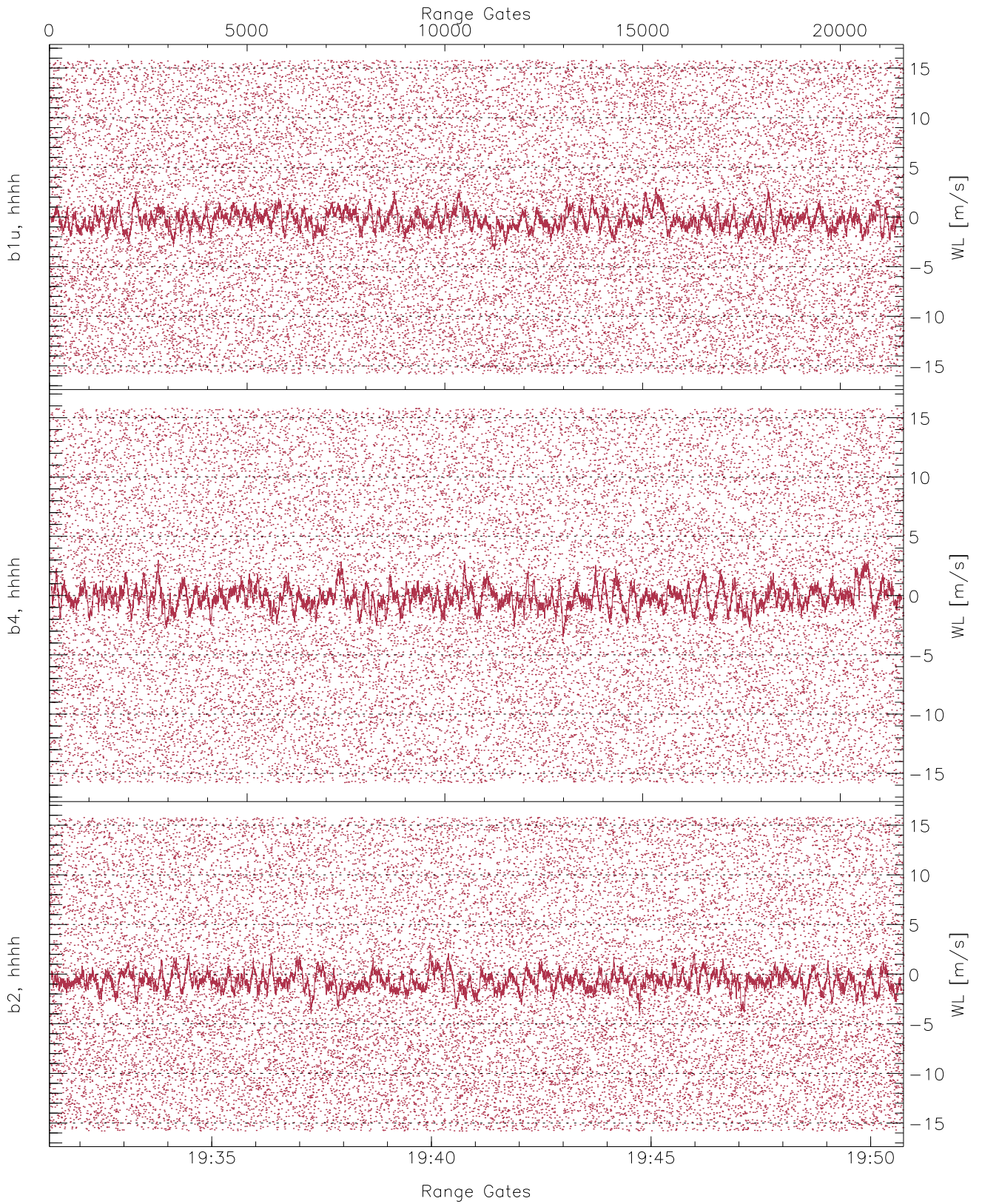
	Min	Max	Mean	Median	StDev
H1RG257_0 [dBm]	-64.58	-62.75	-63.64	-63.64	-76.32
H2RG257_0 [dBm]	-64.16	-62.15	-63.10	-63.11	-75.75
V2RG358_0 [dBm]	-64.39	-62.54	-63.45	-63.45	-76.08



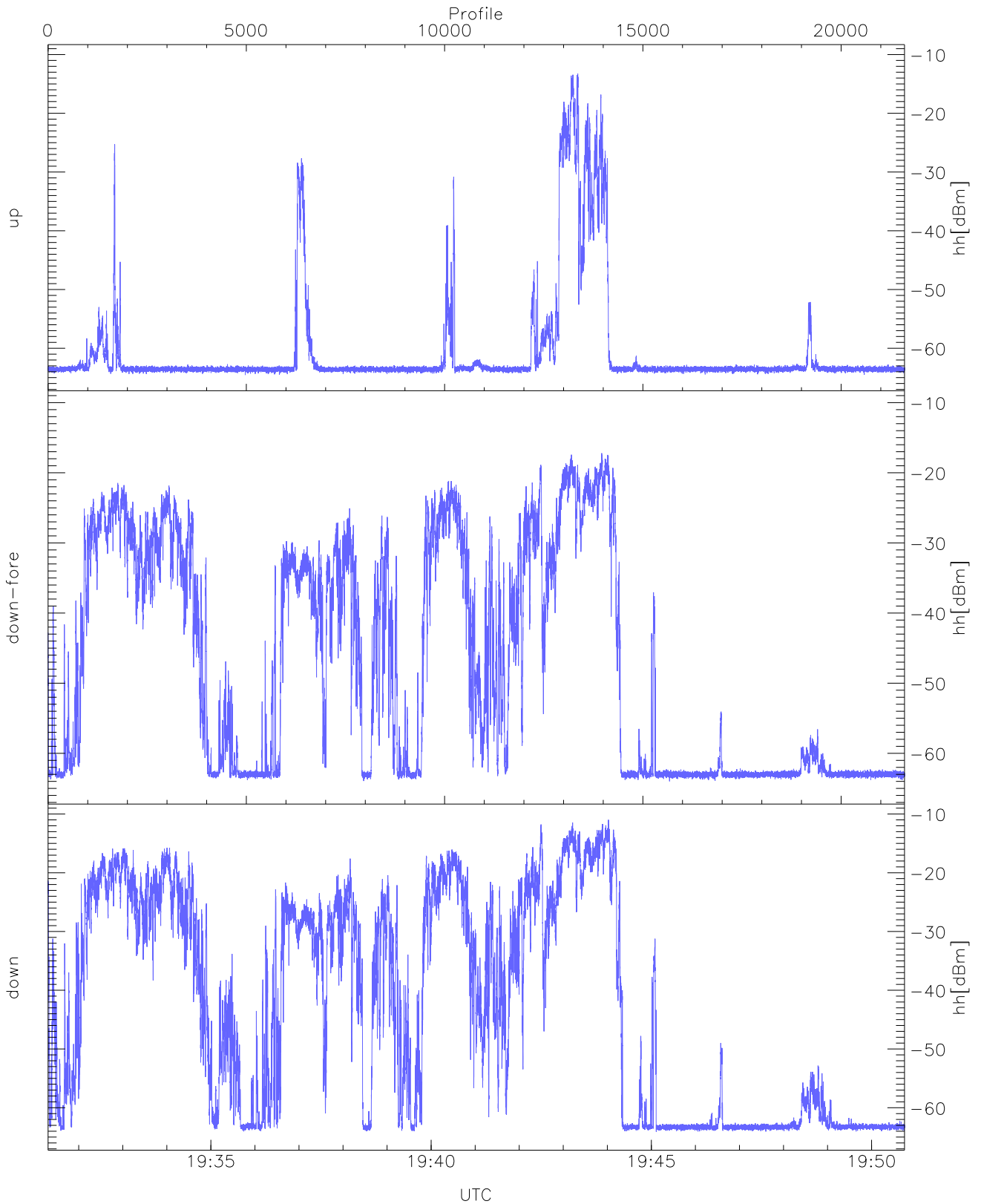
WCR2 CPP Averaged Received power for all recorded gates
blue: 193118-194102, 10801 profiles averaged
red: 194102-195045, 10800 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 193118-194102, 10801 profiles averaged
red: 194102-195045, 10800 profiles averaged

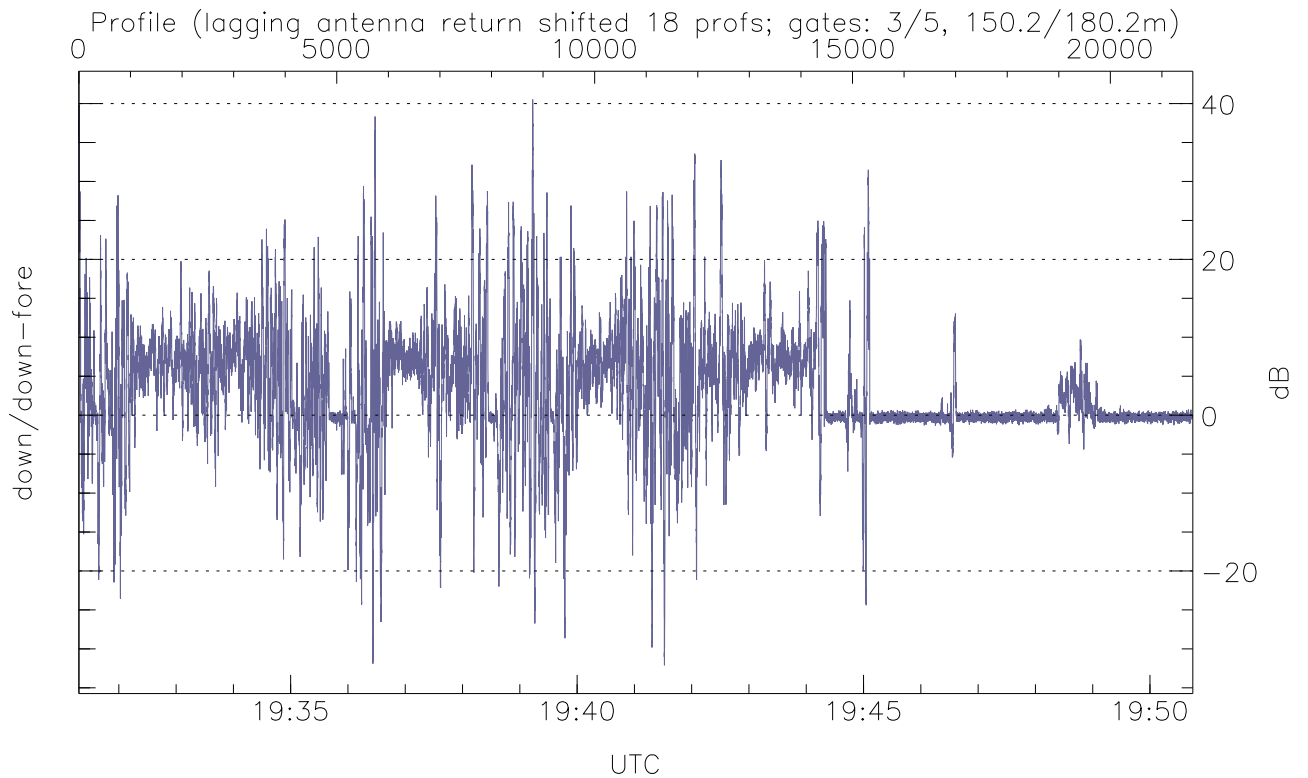
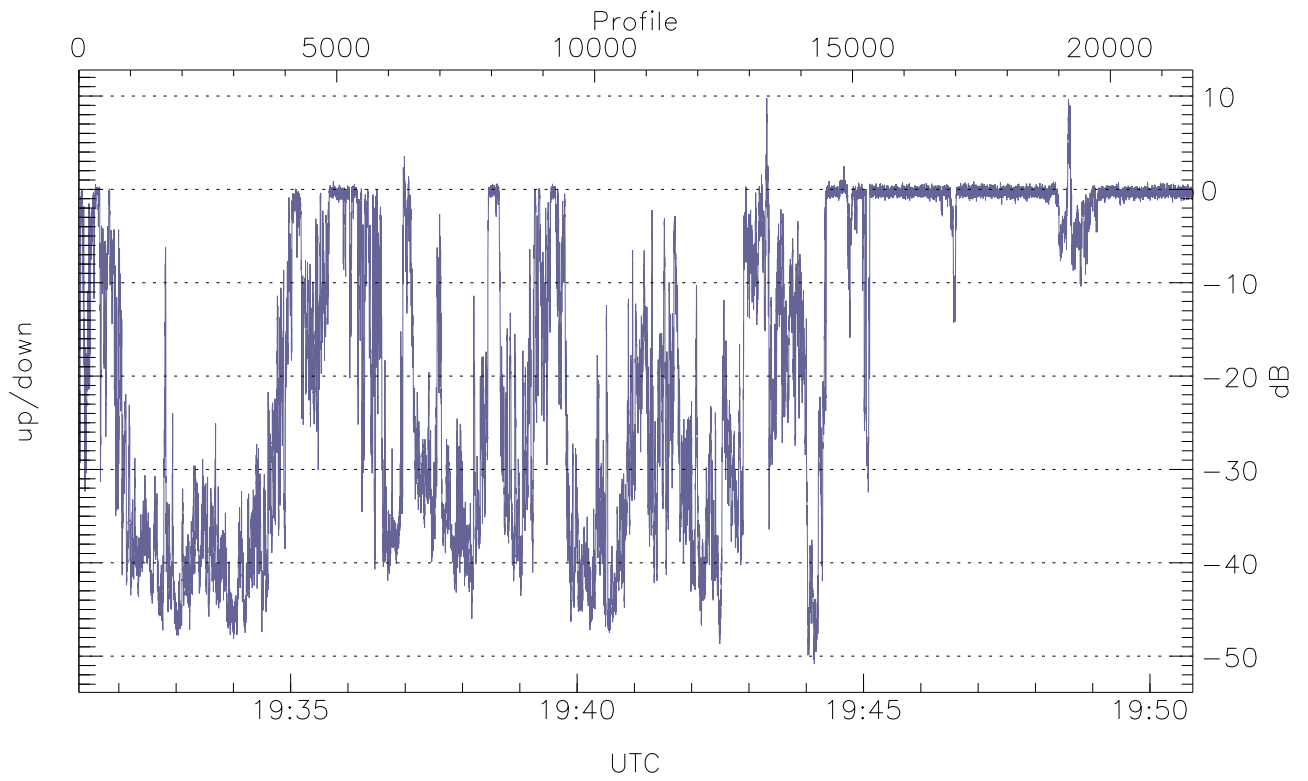


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



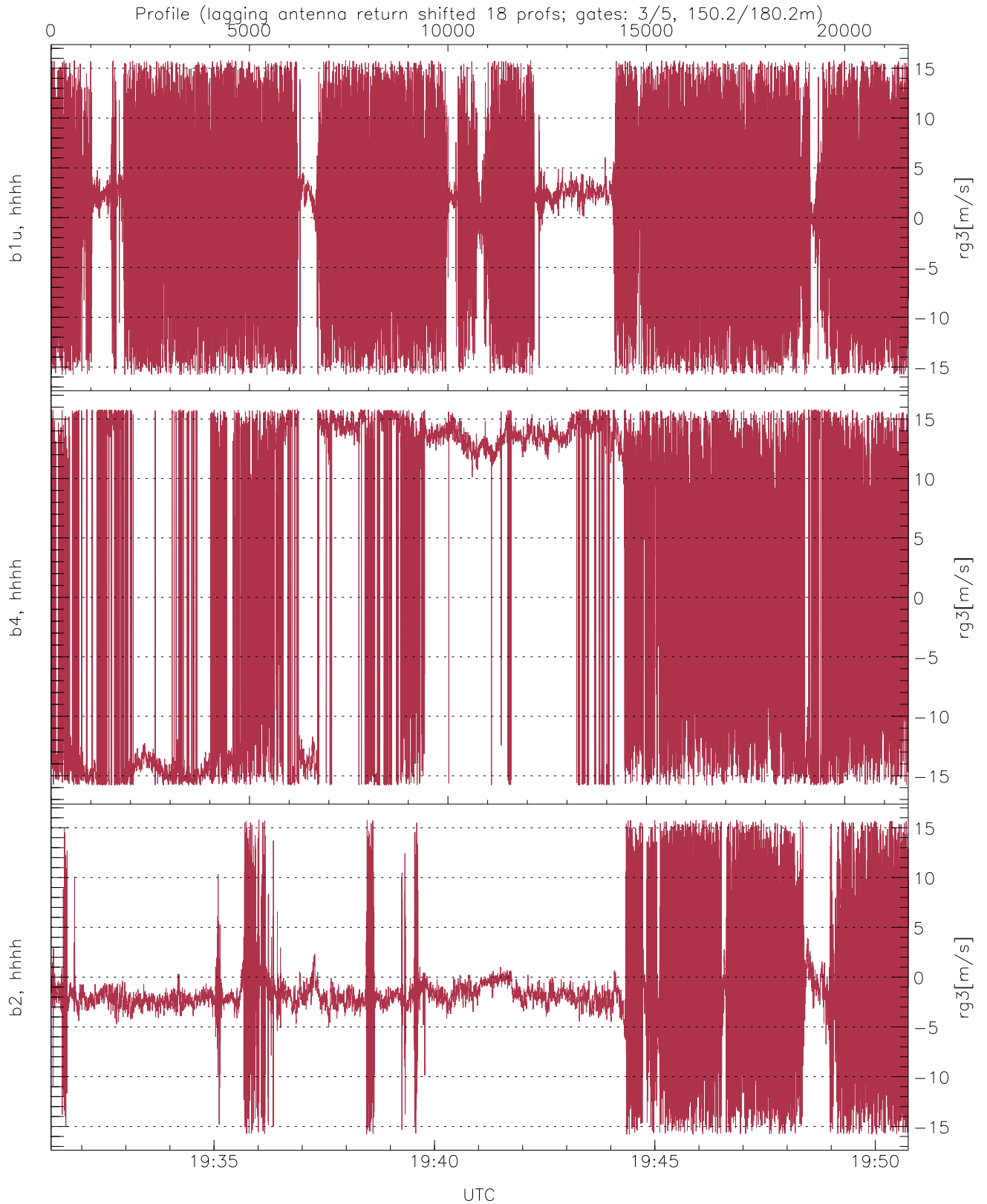
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-64.55	-13.26	-35.53
down-fore(hh[dBm])	-63.98	-17.20	-30.32
down(hh[dBm])	-64.09	-10.98	-24.27



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

	Min	Max	Mean
up/down (dB)	-50.84	9.75	-17.52
down/down-fore (dB)	-32.11	40.52	3.28



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.80	15.79	0.32	7.93
b4, hhhh(rg3[m/s])	-15.80	15.80	1.86	12.42
b2, hhhh(rg3[m/s])	-15.80	15.79	-1.39	5.08