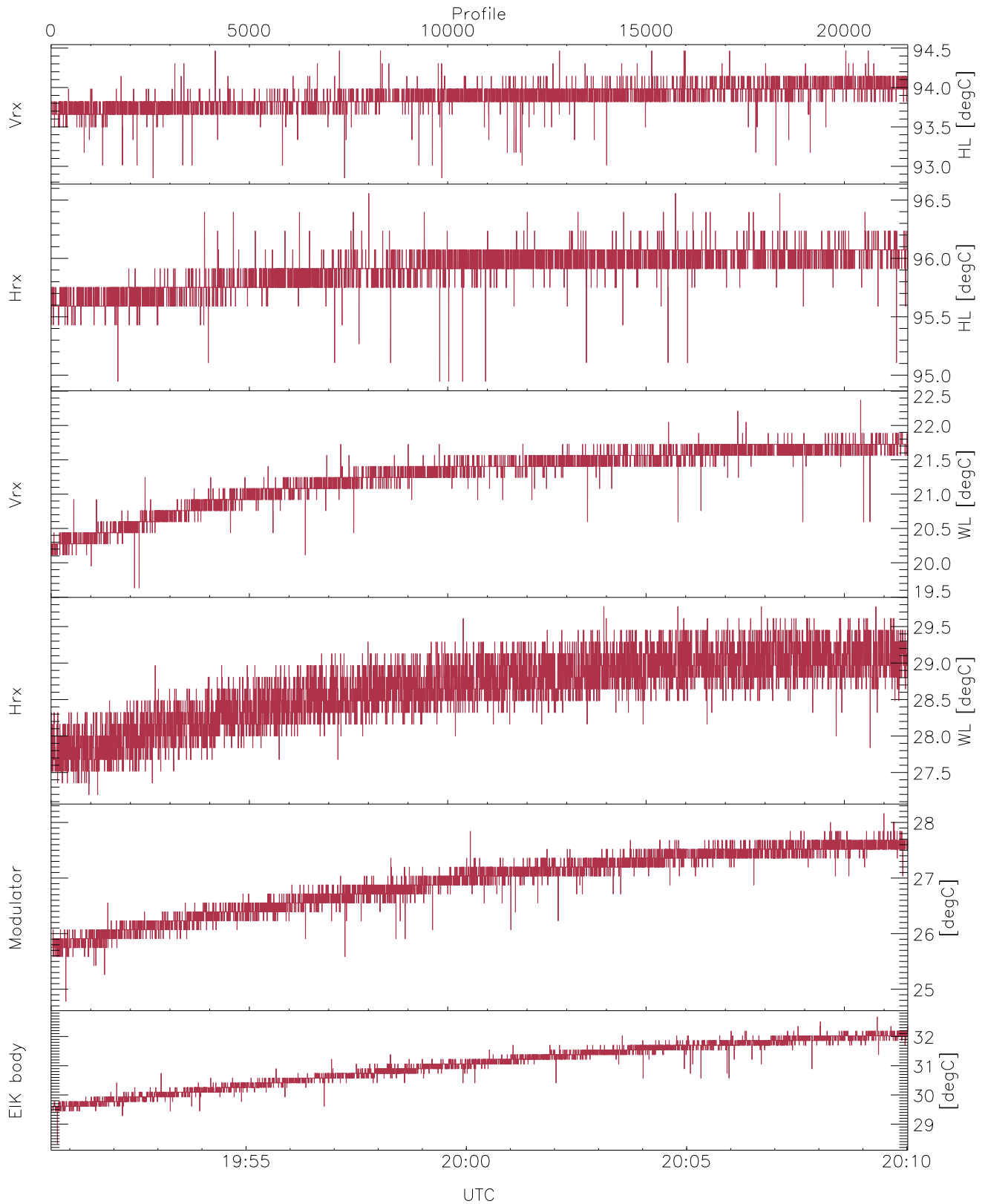


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

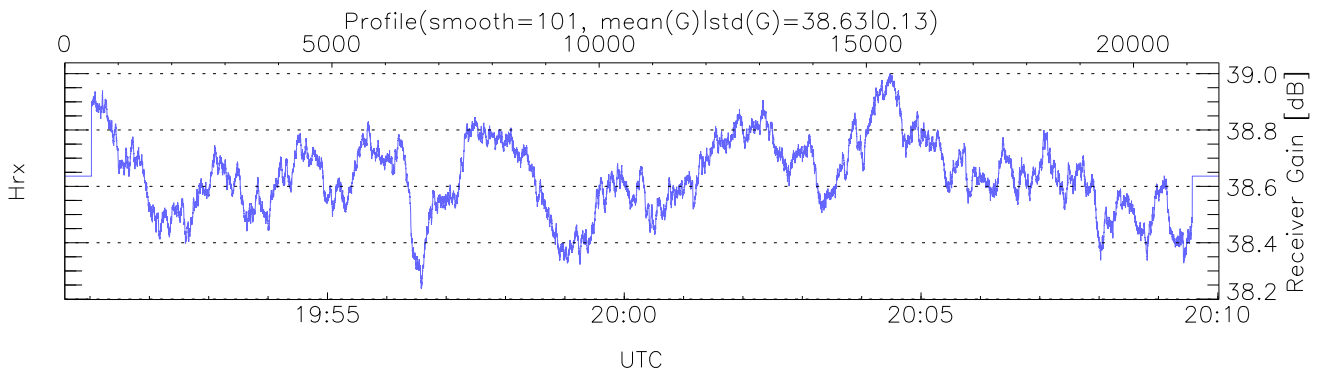
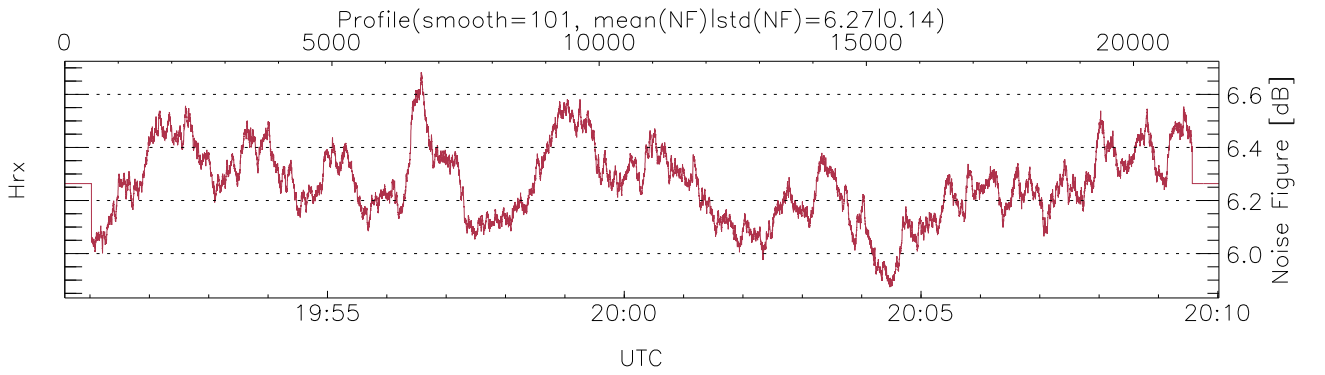
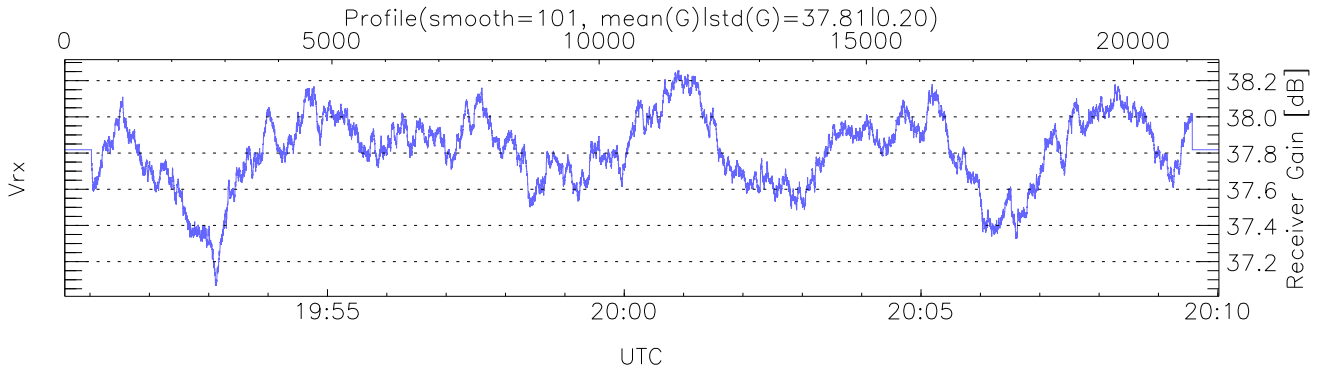
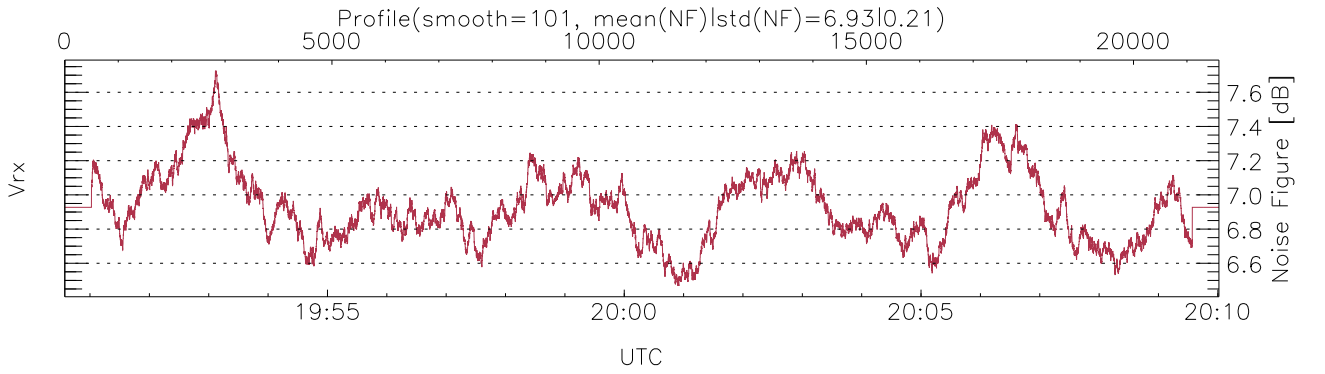
UTC: 19:50:34-20:27:08, Dur: 2193.27s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 54.0,54.0,54.0,0.0 ms / 19,19,19
 NumRec(r/t): 21600/40607, 0-21599/19:50:34-20:10:01
 AcqTime: 54.0ms, Rate: 287KB/s, Averages: 180
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 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

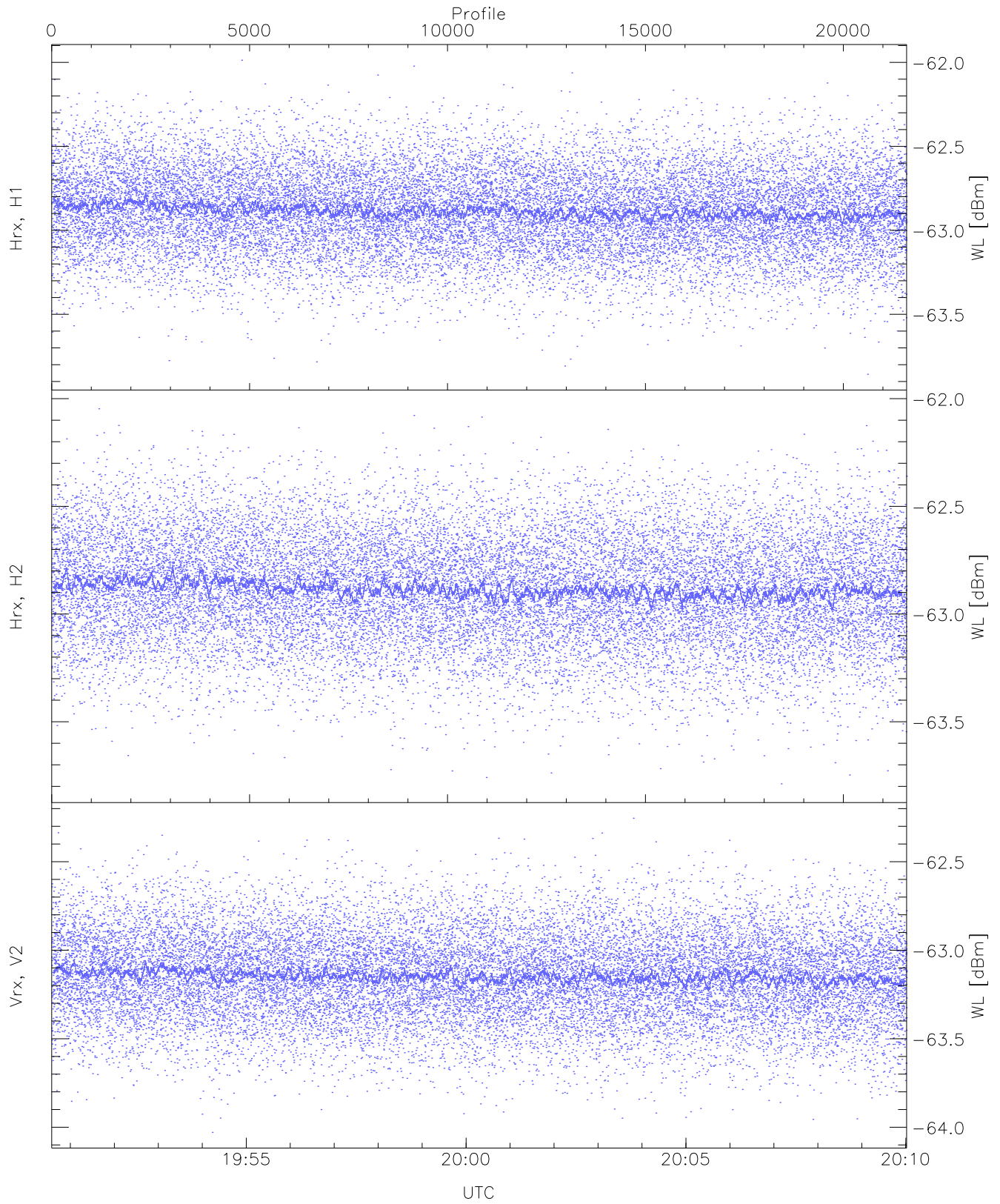
```

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,19,27,24,28
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,22,29,28,32
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
  DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (10,10,10,10,10,25)
    
```



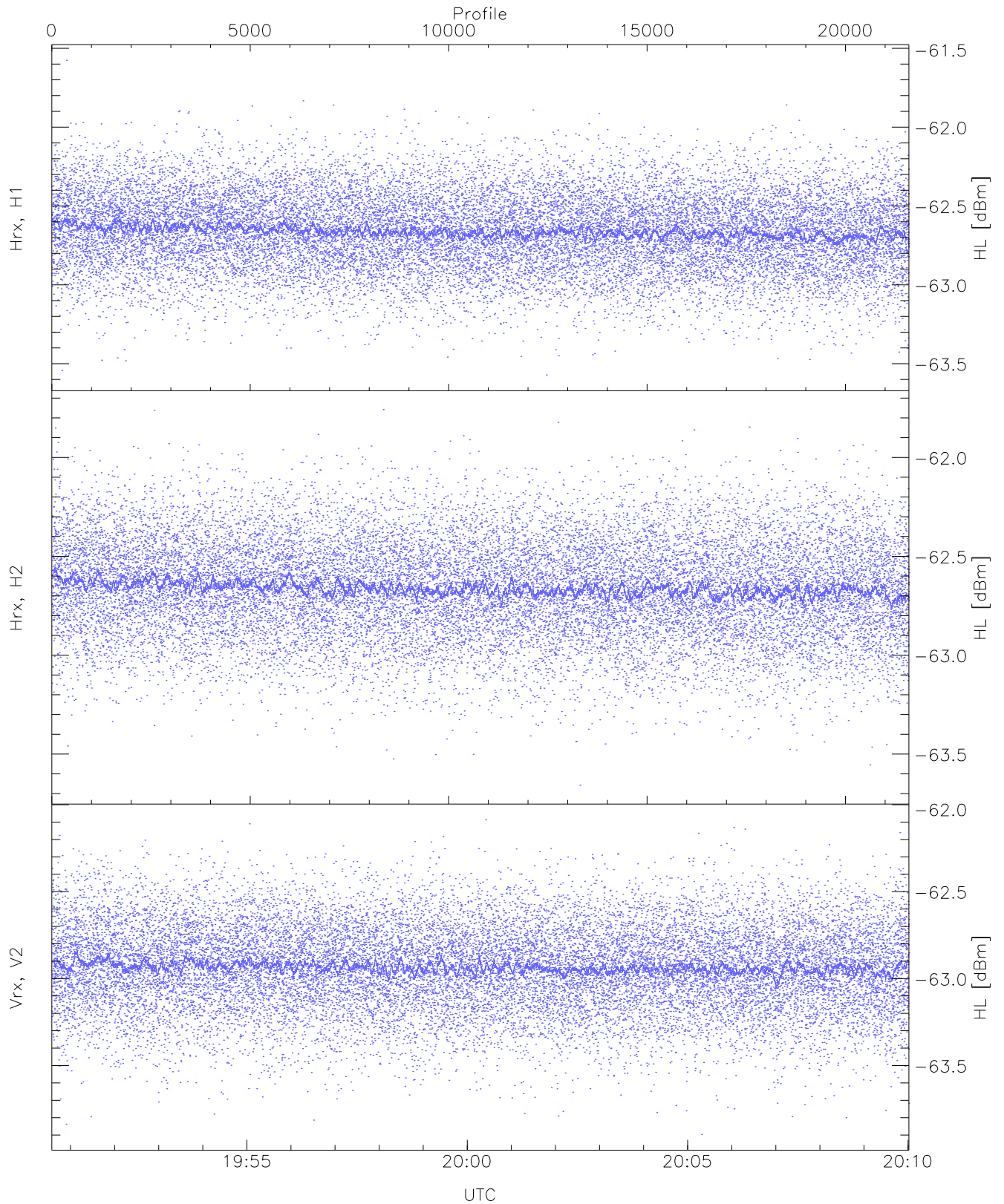
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 2447 pixs, 58 gates, 2364 profs, 3 prods



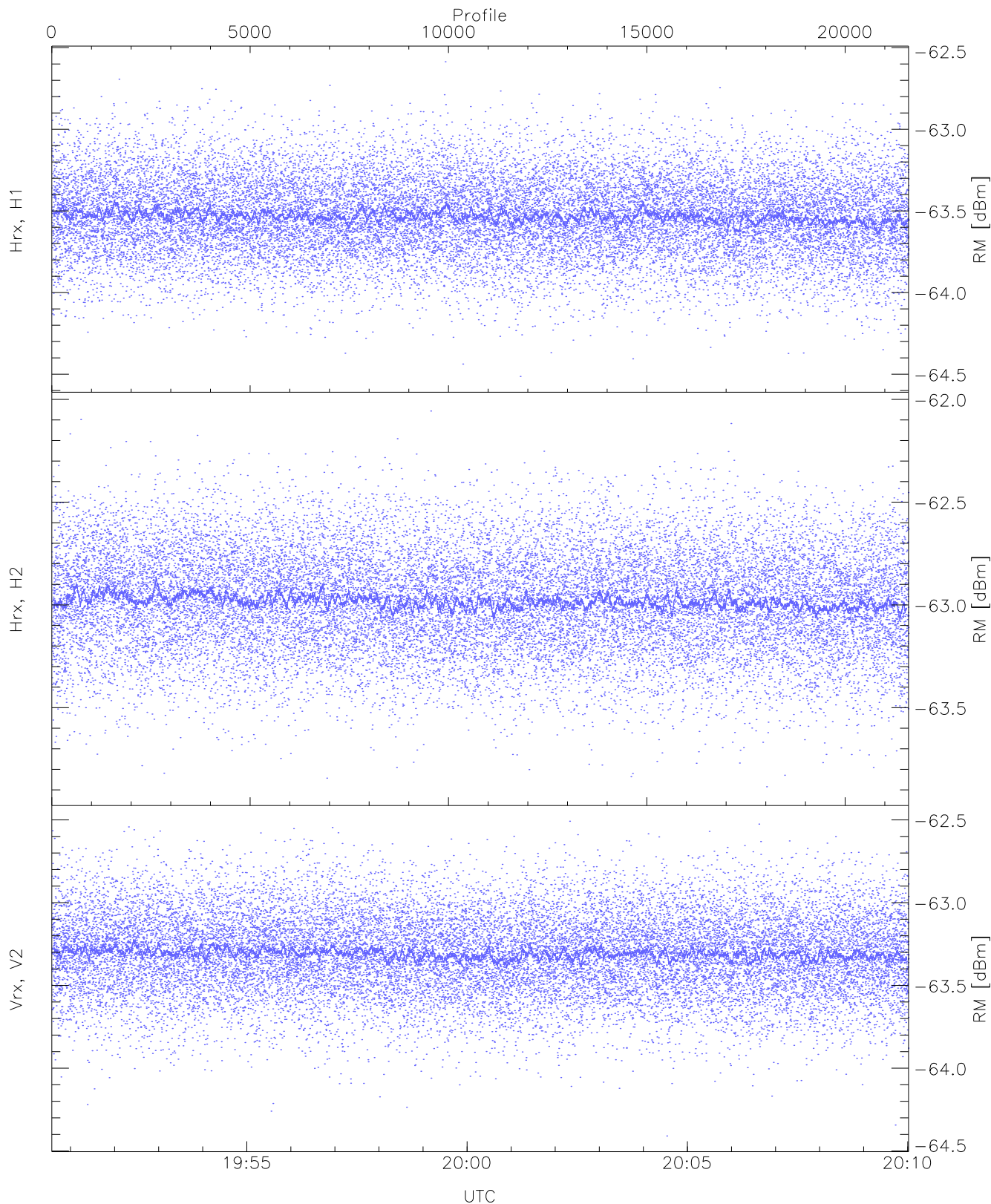
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-63.86	-61.99	-62.88	-62.89	-75.56
Hrx, H2 (WL [dBm])	-63.79	-62.05	-62.88	-62.89	-75.56
Vrx, V2 (WL [dBm])	-64.03	-62.25	-63.14	-63.15	-75.85



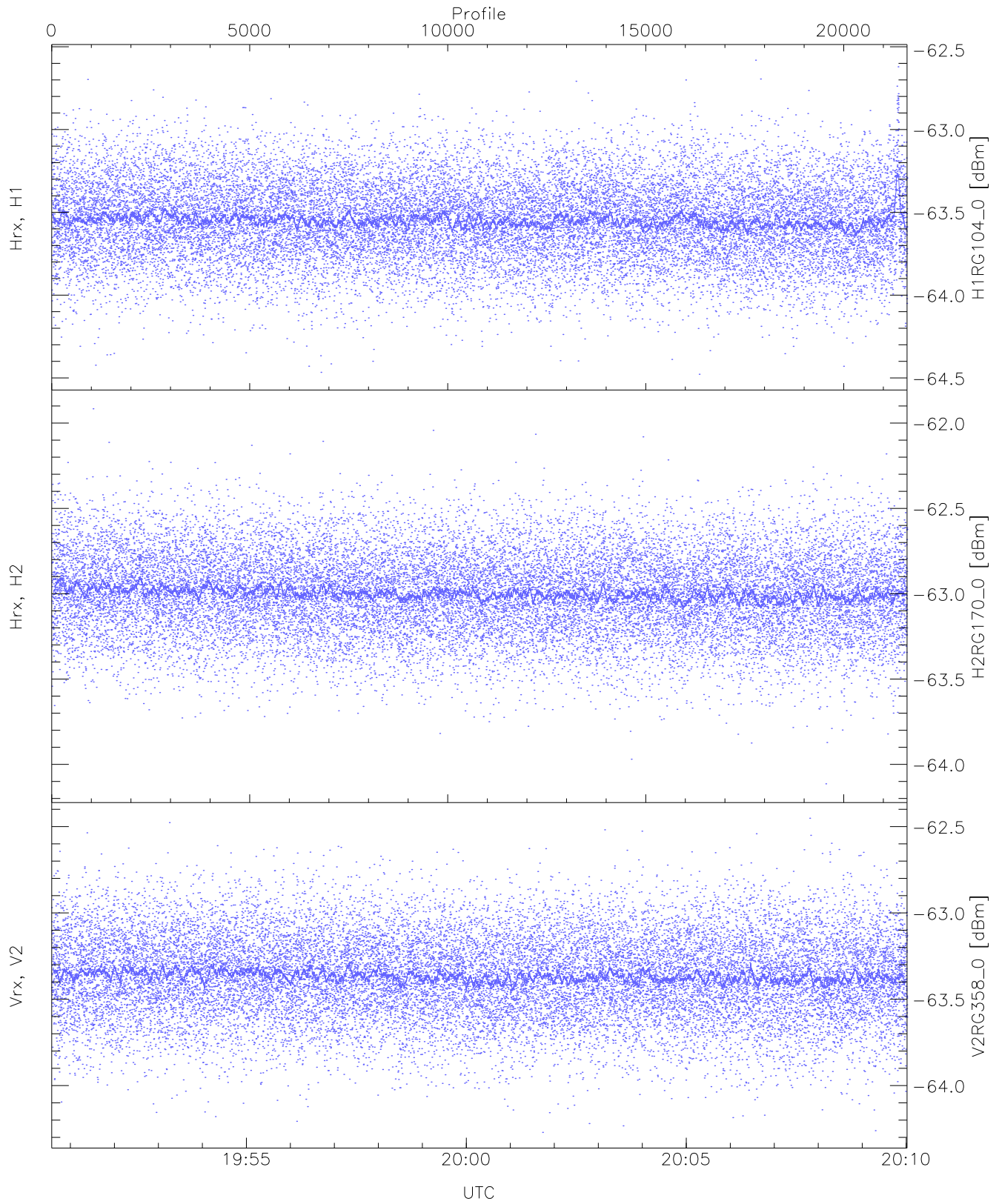
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.57	-61.58	-62.66	-62.66	-75.36
Hrx, H2 (HL [dBm])	-63.66	-61.76	-62.66	-62.66	-75.31
Vrx, V2 (HL [dBm])	-63.90	-62.09	-62.93	-62.94	-75.62



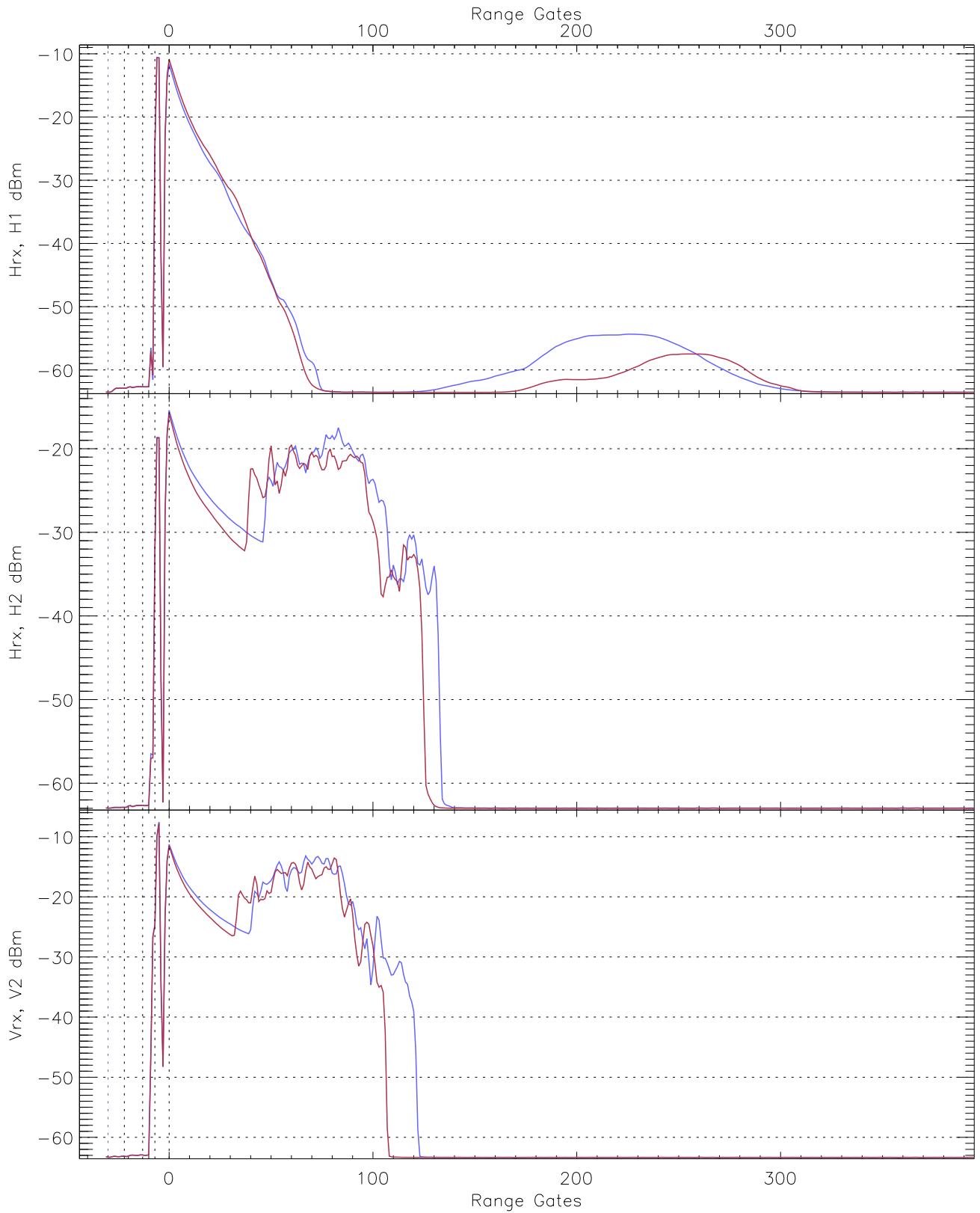
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-64.51	-62.59	-63.53	-63.54	-76.24
Hrx, H2(RM [dBm])	-63.88	-62.06	-62.98	-62.98	-75.65
Vrx, V2(RM [dBm])	-64.41	-62.51	-63.30	-63.31	-75.99

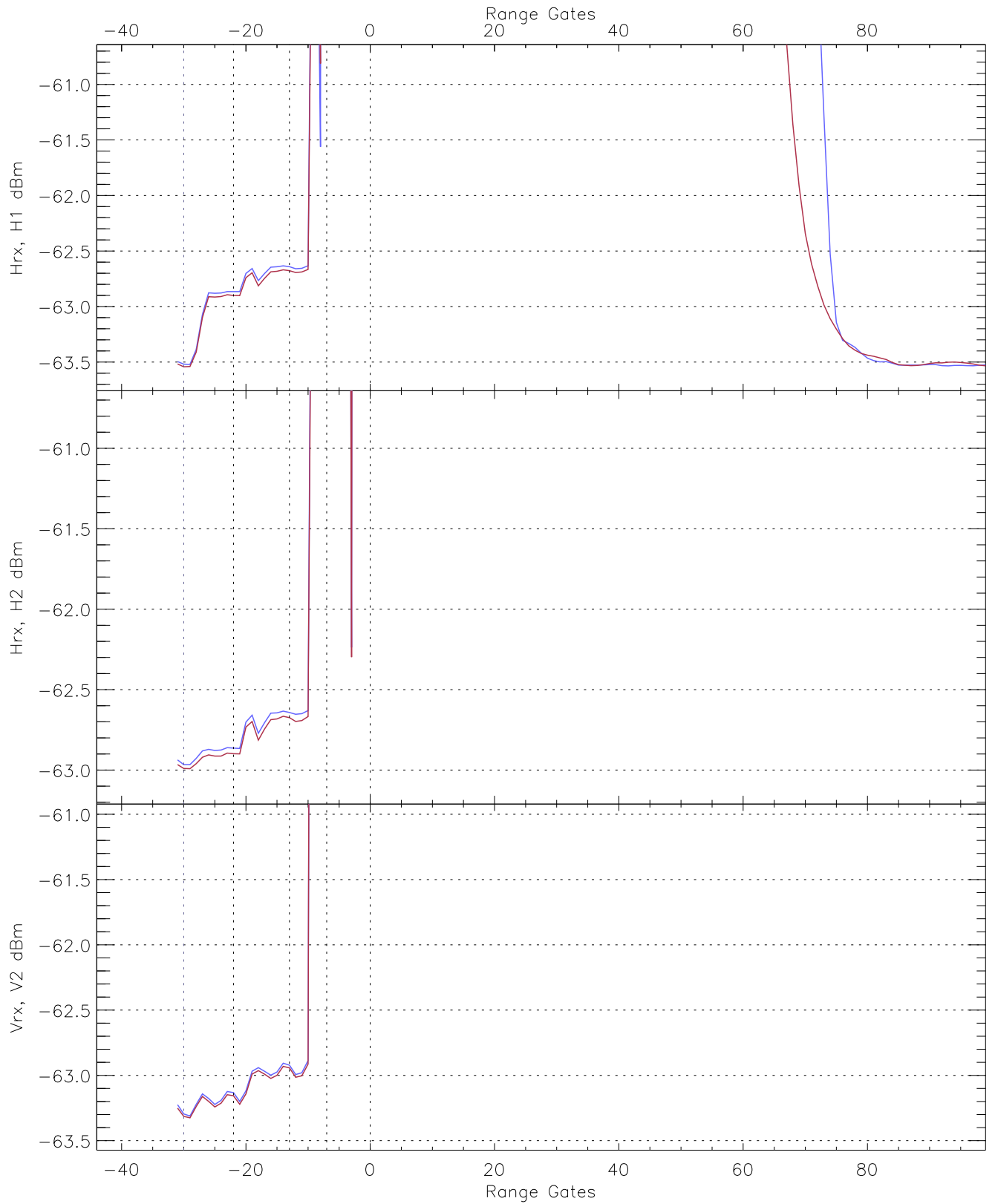


WCR2 CPP "Best" estimate Receivers Noise Power

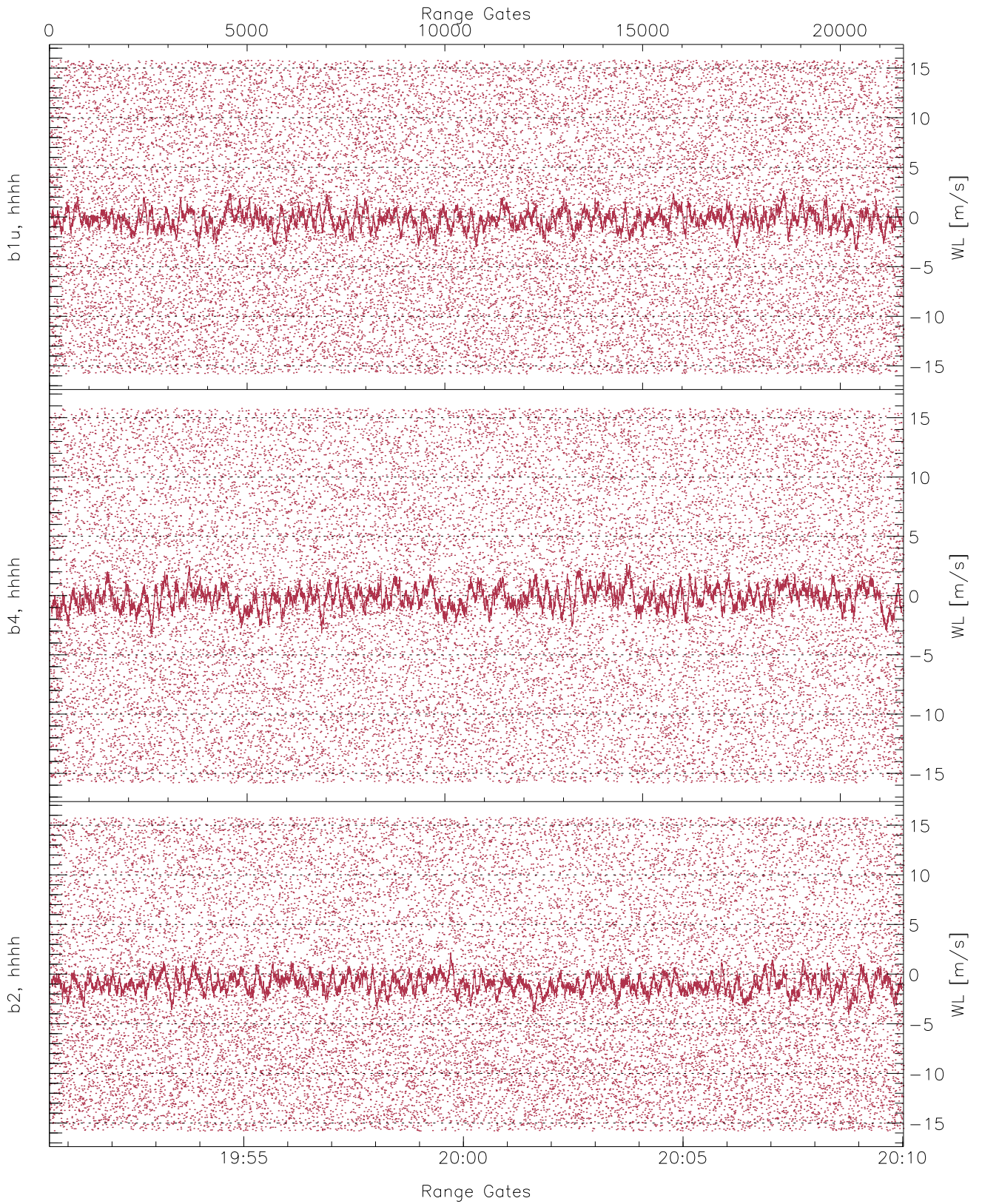
	Min	Max	Mean	Median	StDev
H1RG104_0 [dBm]	-64.48	-62.58	-63.55	-63.55	-76.23
H2RG170_0 [dBm]	-64.11	-61.92	-62.99	-63.00	-75.69
V2RG358_0 [dBm]	-64.27	-62.45	-63.36	-63.37	-76.04



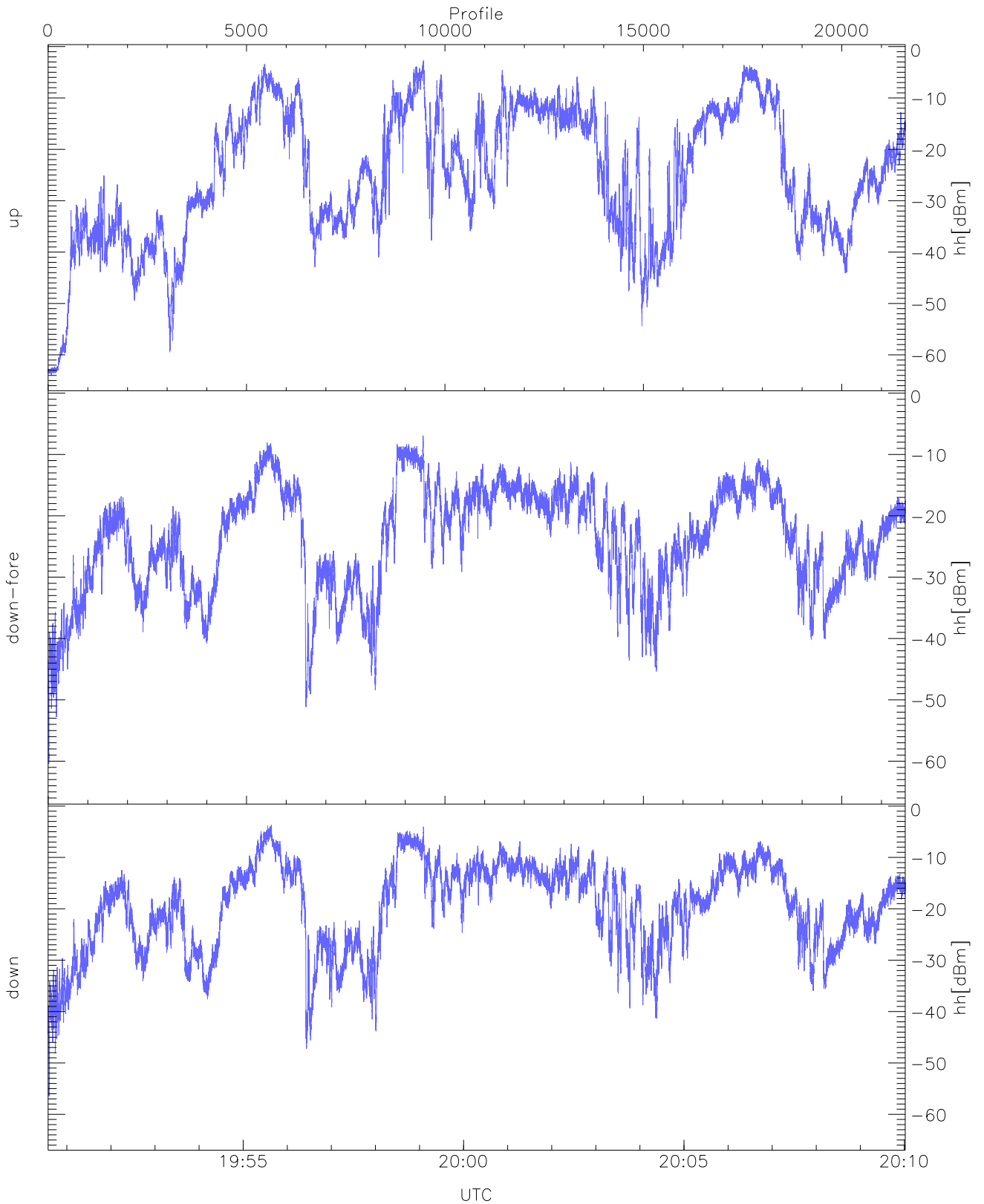
WCR2 CPP Averaged Received power for all recorded gates
blue: 195034-200018, 10801 profiles averaged
red: 200018-201001, 10800 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 195034-200018, 10801 profiles averaged
red: 200018-201001, 10800 profiles averaged

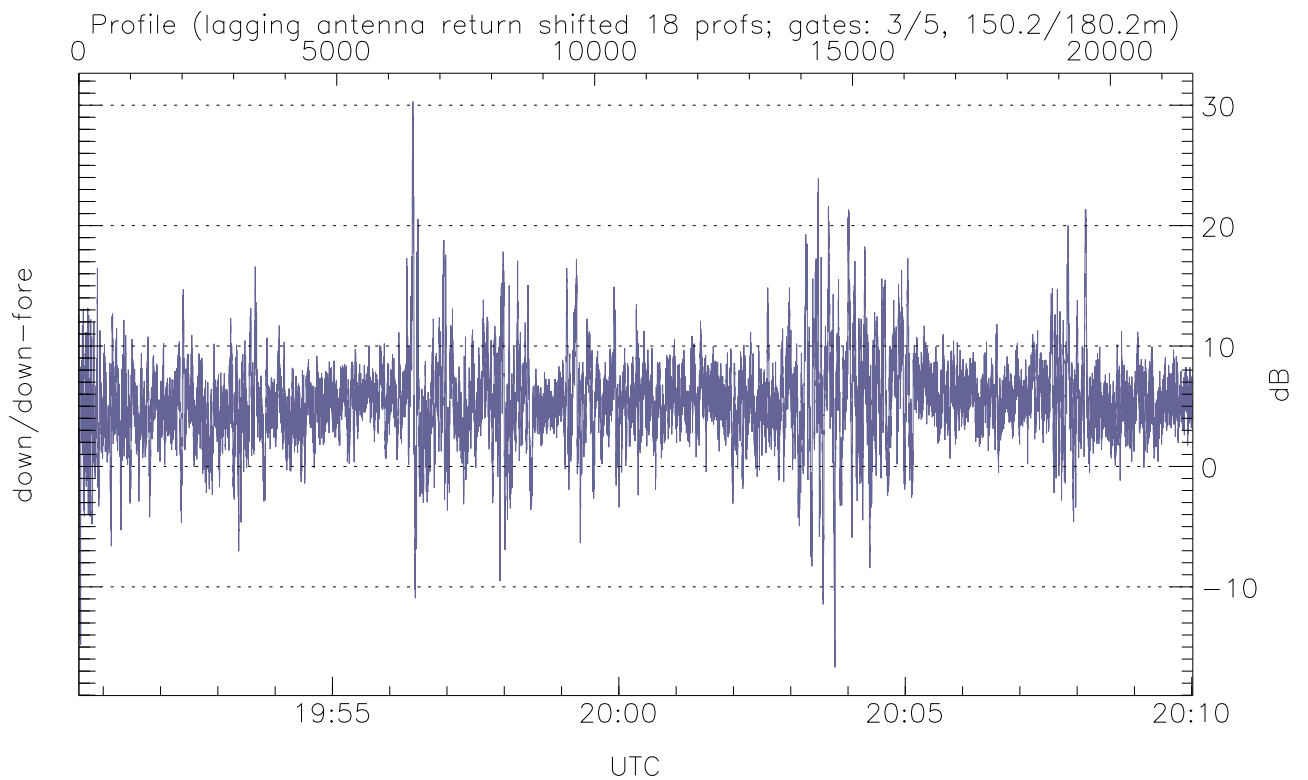
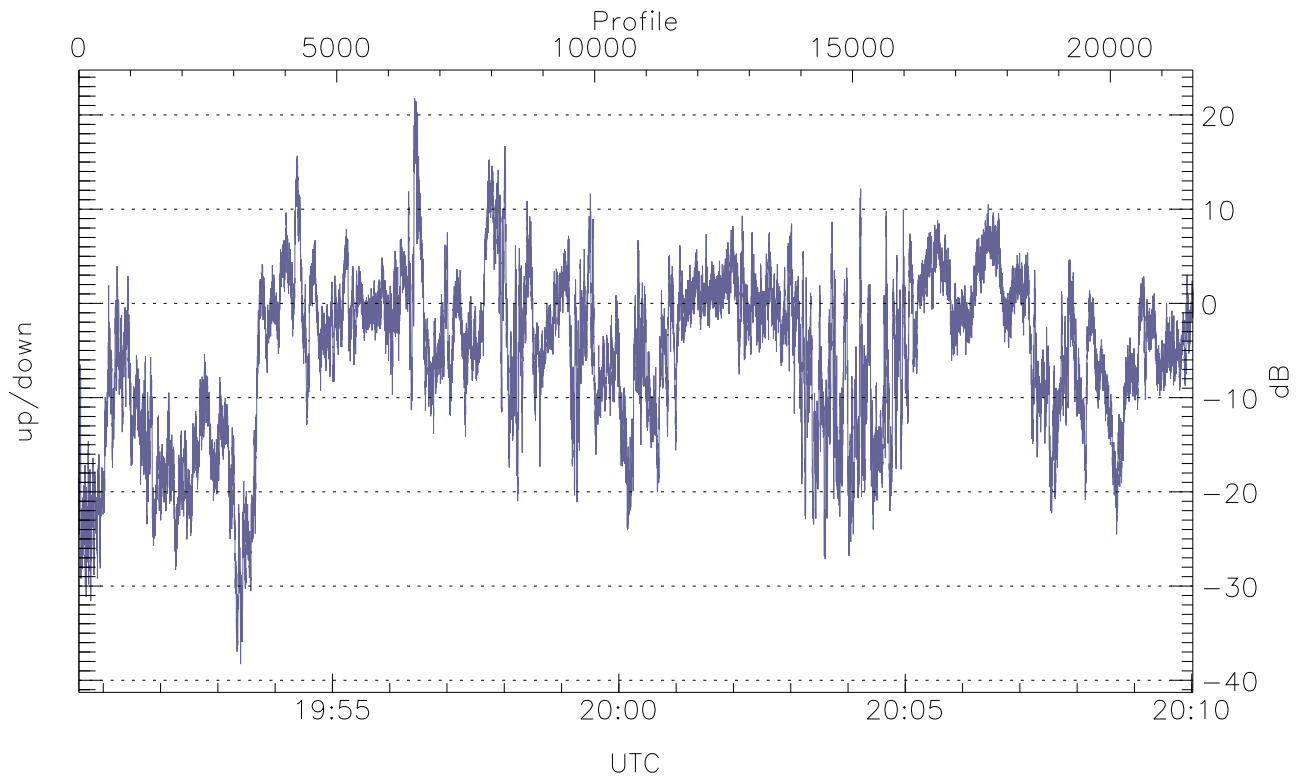


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



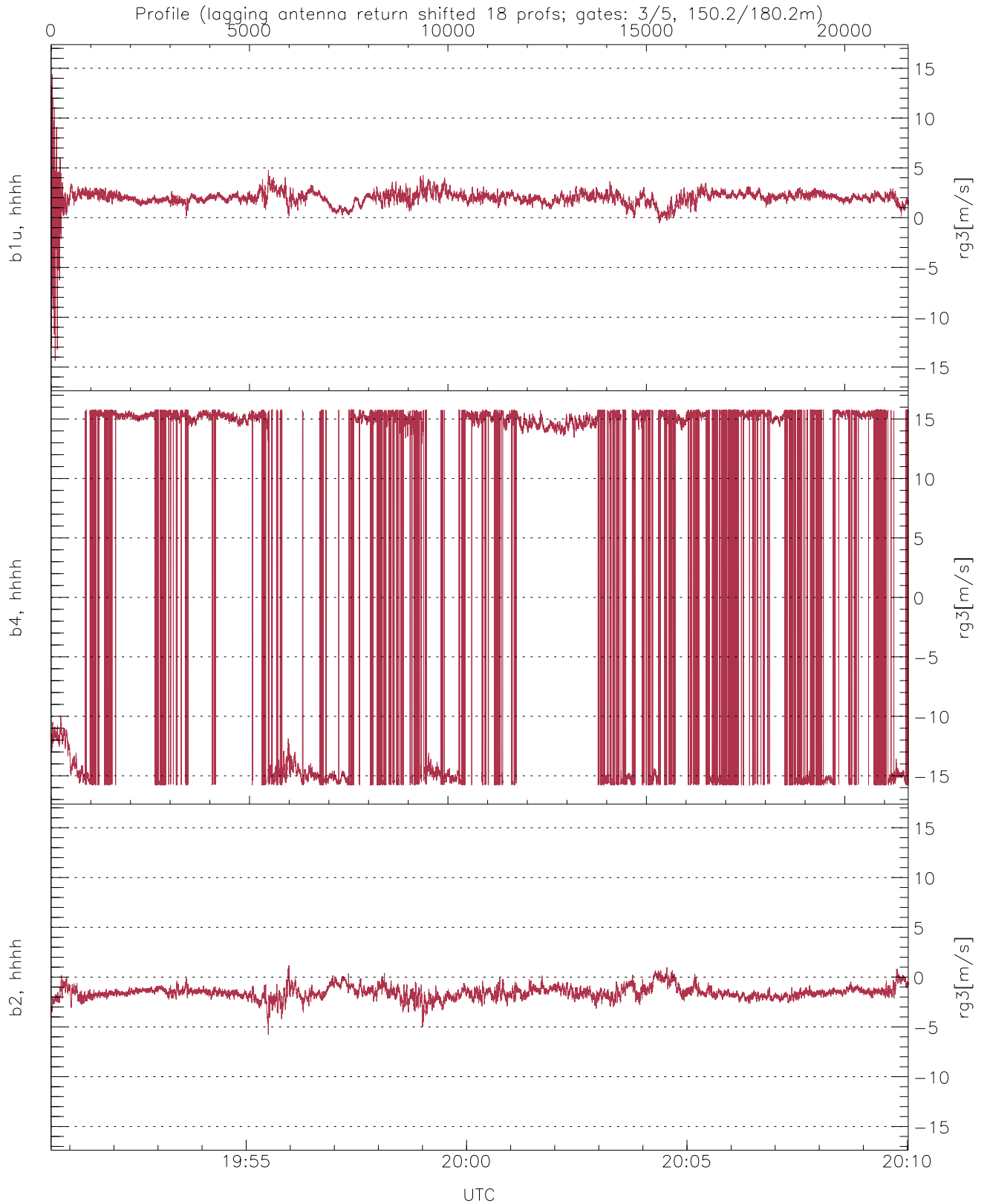
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.92	-2.67	-14.49
down-fore(hh[dBm])	-60.45	-6.92	-18.28
down(hh[dBm])	-56.49	-3.64	-14.30



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

	Min	Max	Mean
up/down (dB)	-38.28	21.76	-5.34
down/down-fore (dB)	-16.68	30.31	5.42



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-14.38	14.38	1.98	0.73
b4, hhhh(rg3[m/s])	-15.80	15.80	3.93	14.62
b2, hhhh(rg3[m/s])	-5.78	1.18	-1.54	0.62