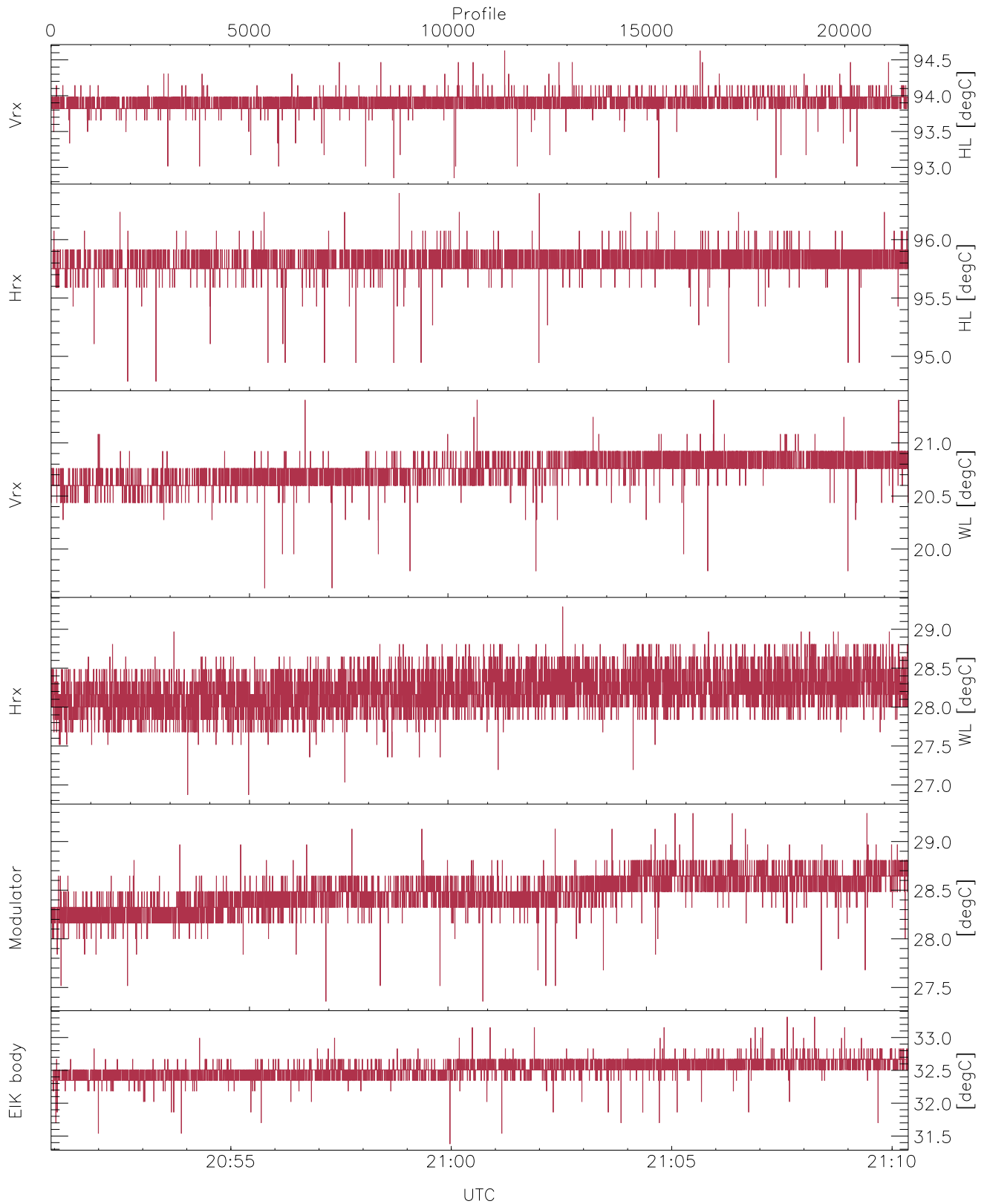


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

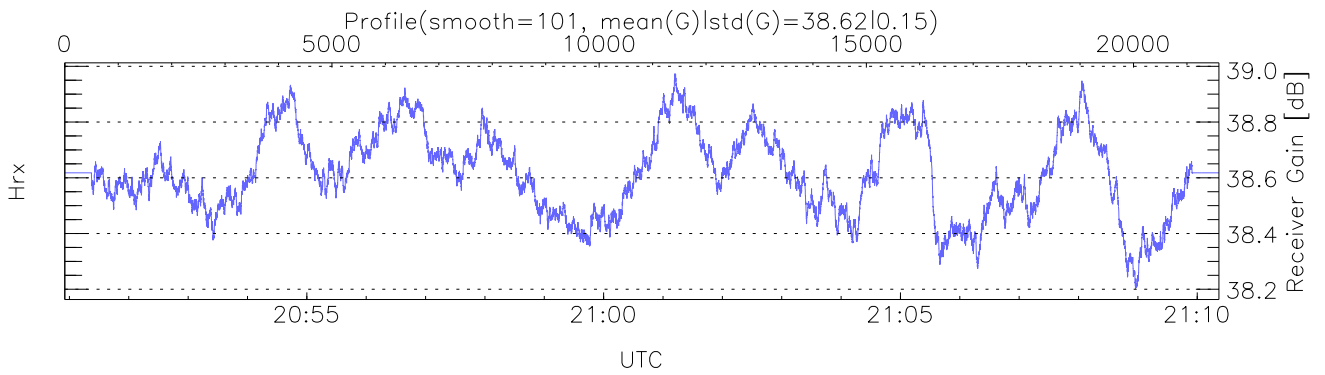
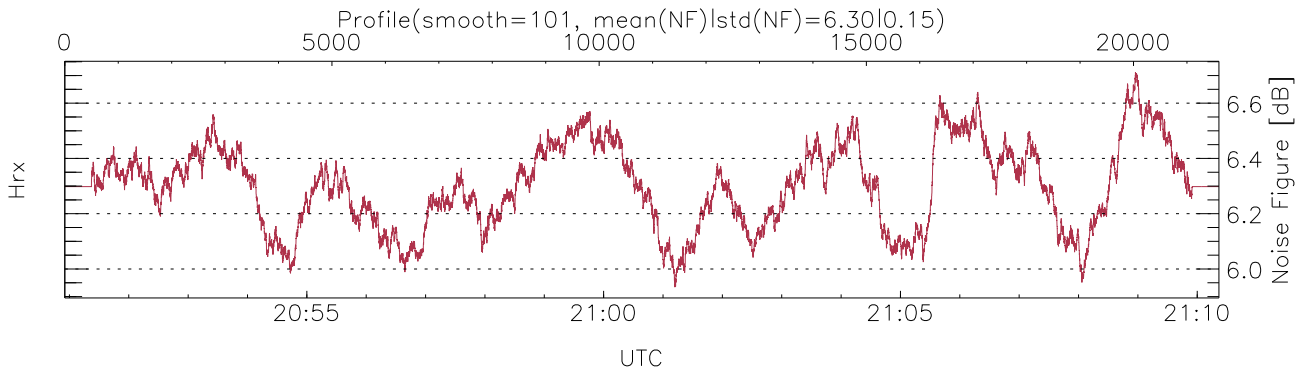
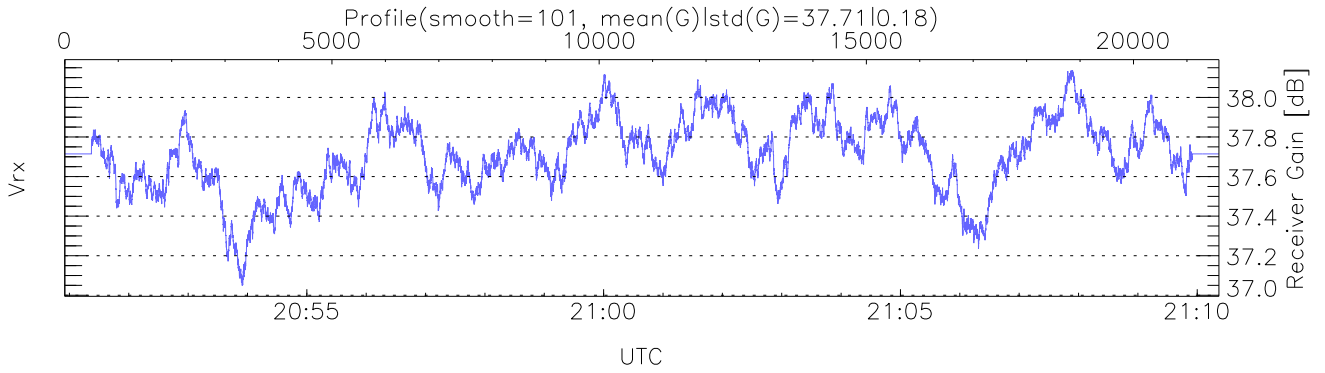
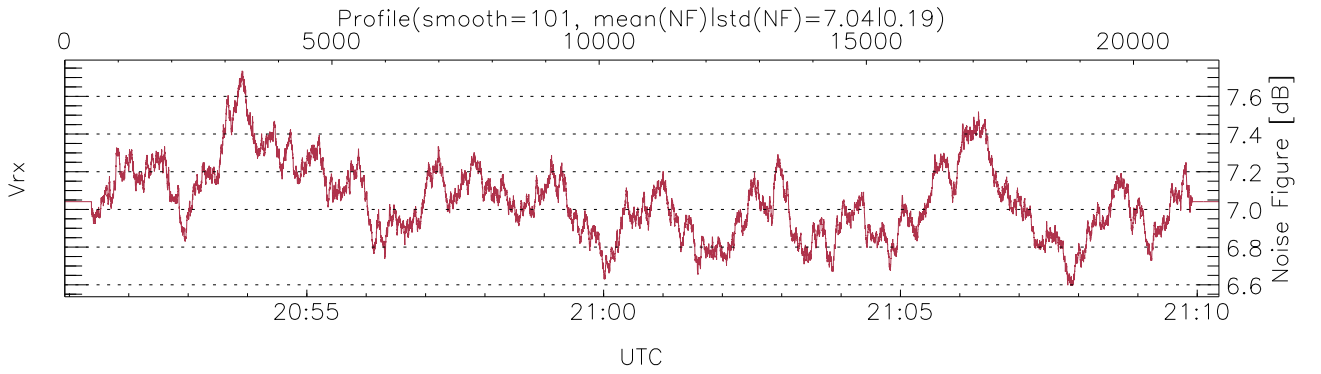
UTC: 20:50:55-21:36:18, Dur: 2722.98s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 54.0,54.0,54.0,0.0 ms / 19,19,19
 NumRec(r/t): 21600/50414, 0-21599/20:50:55-21:10:22
 AcqTime: 54.0ms, Rate: 287KB/s, Averages: 180
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us
 Range(min,max,rgs): 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

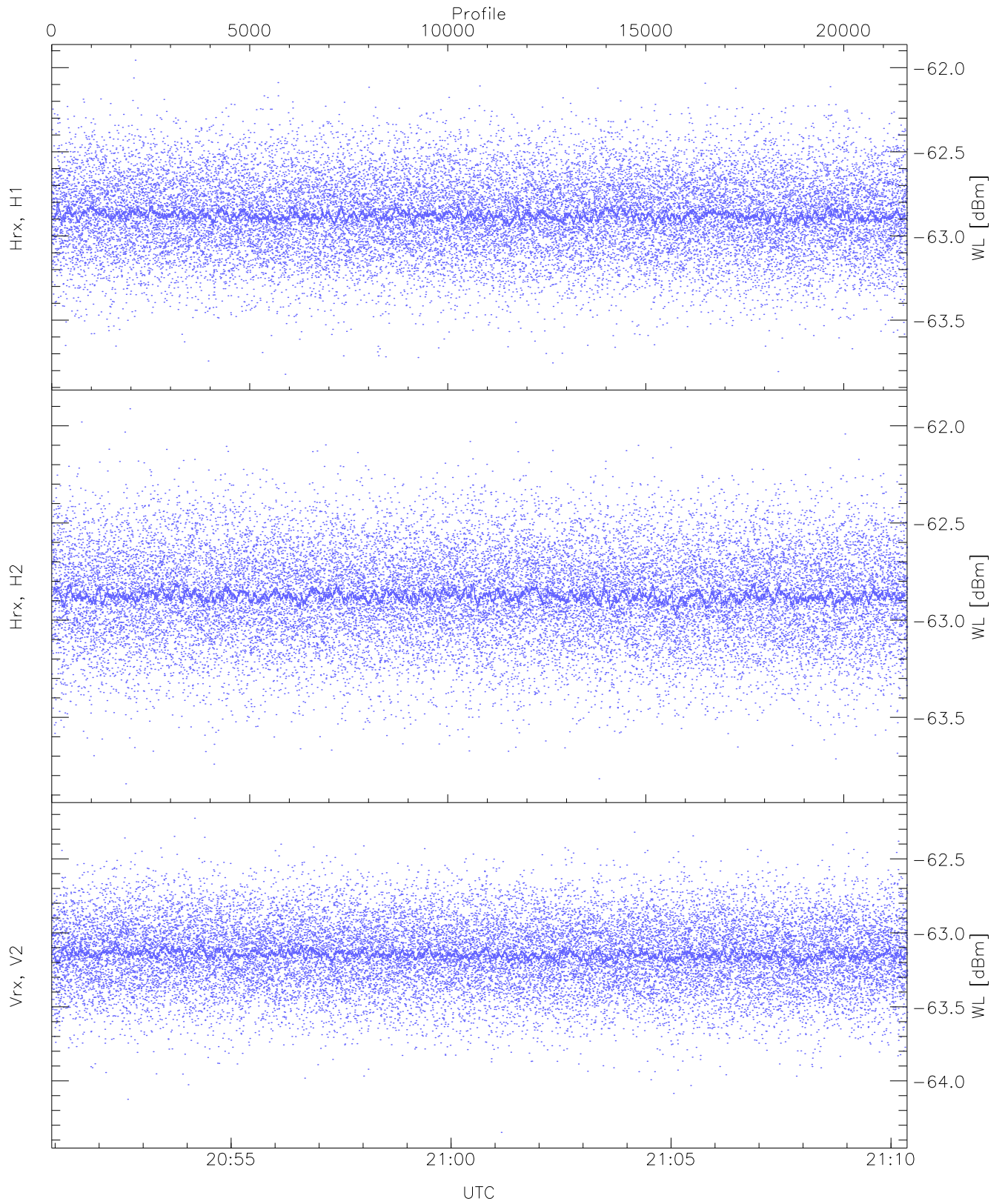
```

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,19,26,27,31
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,21,29,29,33
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
  DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (25,25,25,25,25,15)
    
```



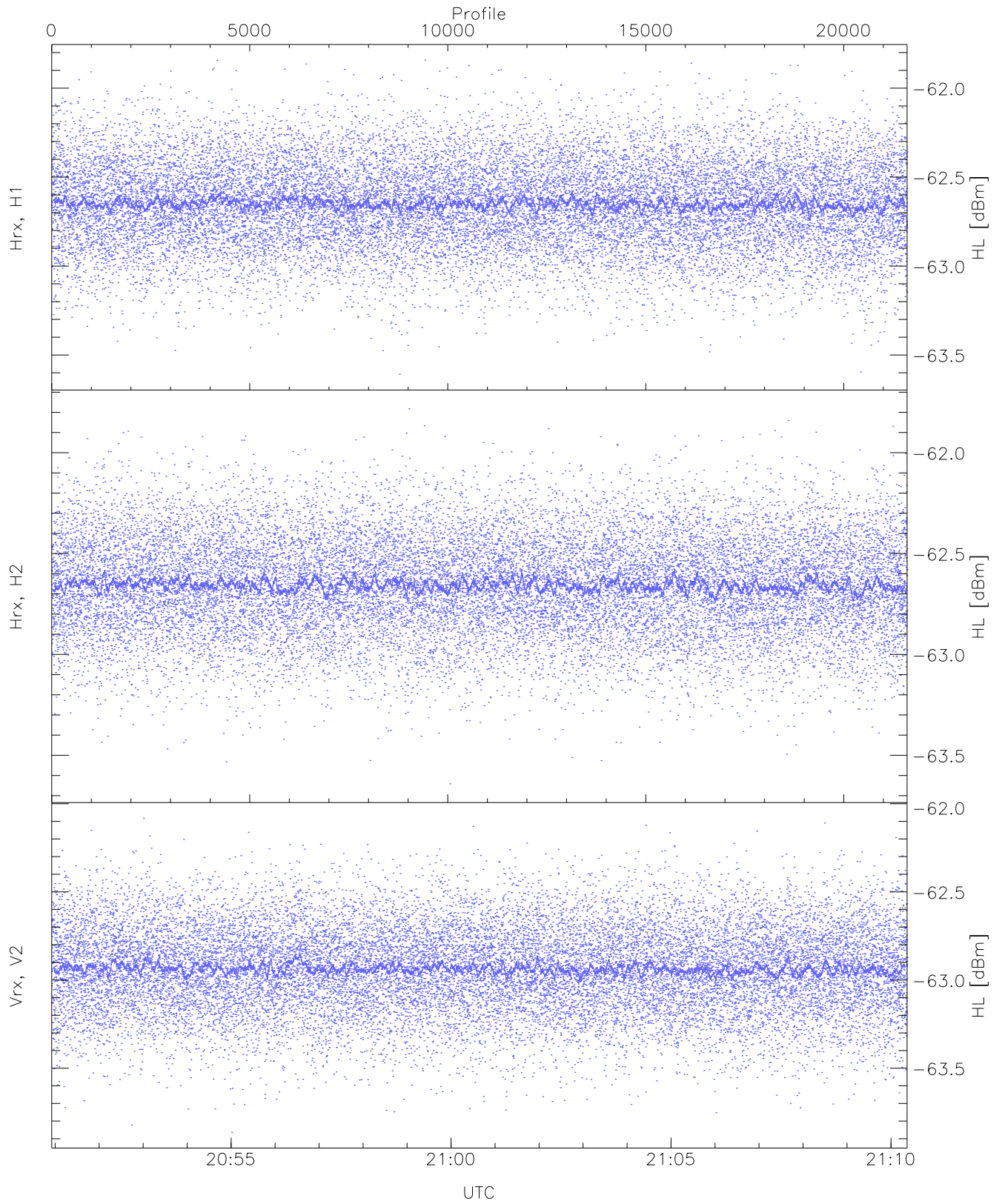
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 1991 pixs, 57 gates, 1960 profs, 2 prods



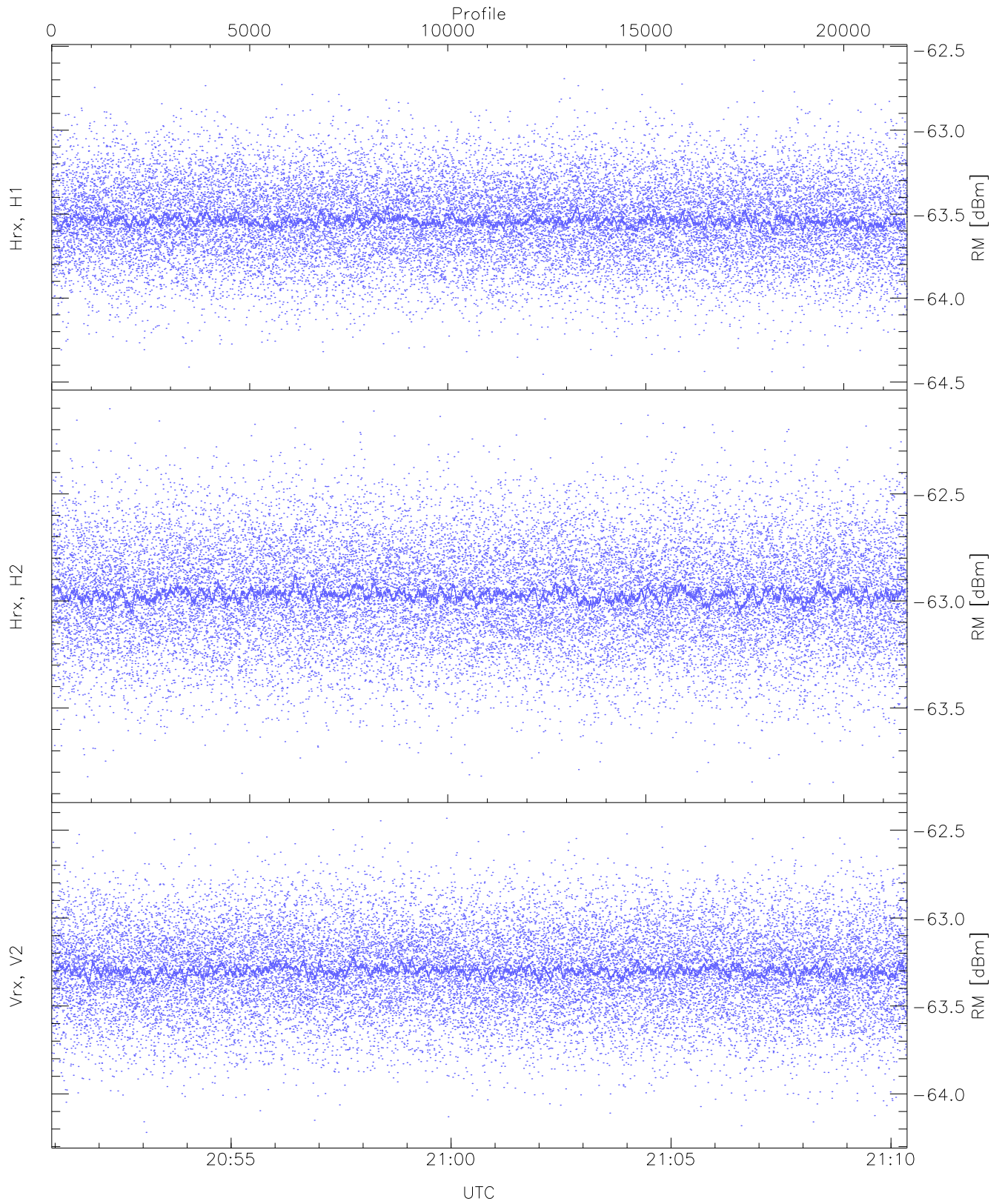
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-63.82	-61.96	-62.87	-62.88	-75.64
Hrx, H2 (WL [dBm])	-63.84	-61.91	-62.87	-62.88	-75.57
Vrx, V2 (WL [dBm])	-64.35	-62.23	-63.14	-63.15	-75.85



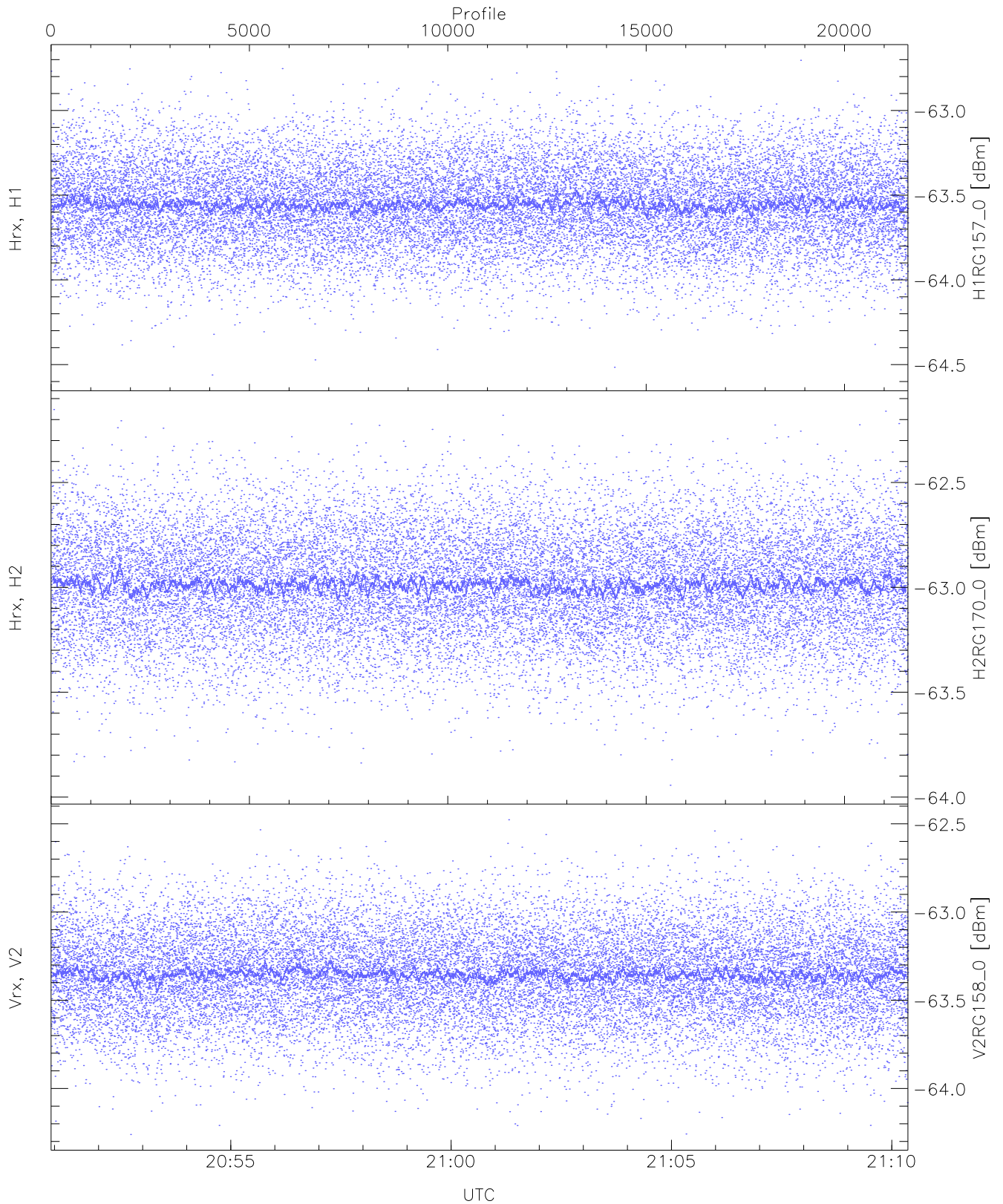
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.61	-61.84	-62.65	-62.65	-75.36
Hrx, H2 (HL [dBm])	-63.64	-61.78	-62.65	-62.66	-75.36
Vrx, V2 (HL [dBm])	-63.86	-62.08	-62.93	-62.94	-75.63



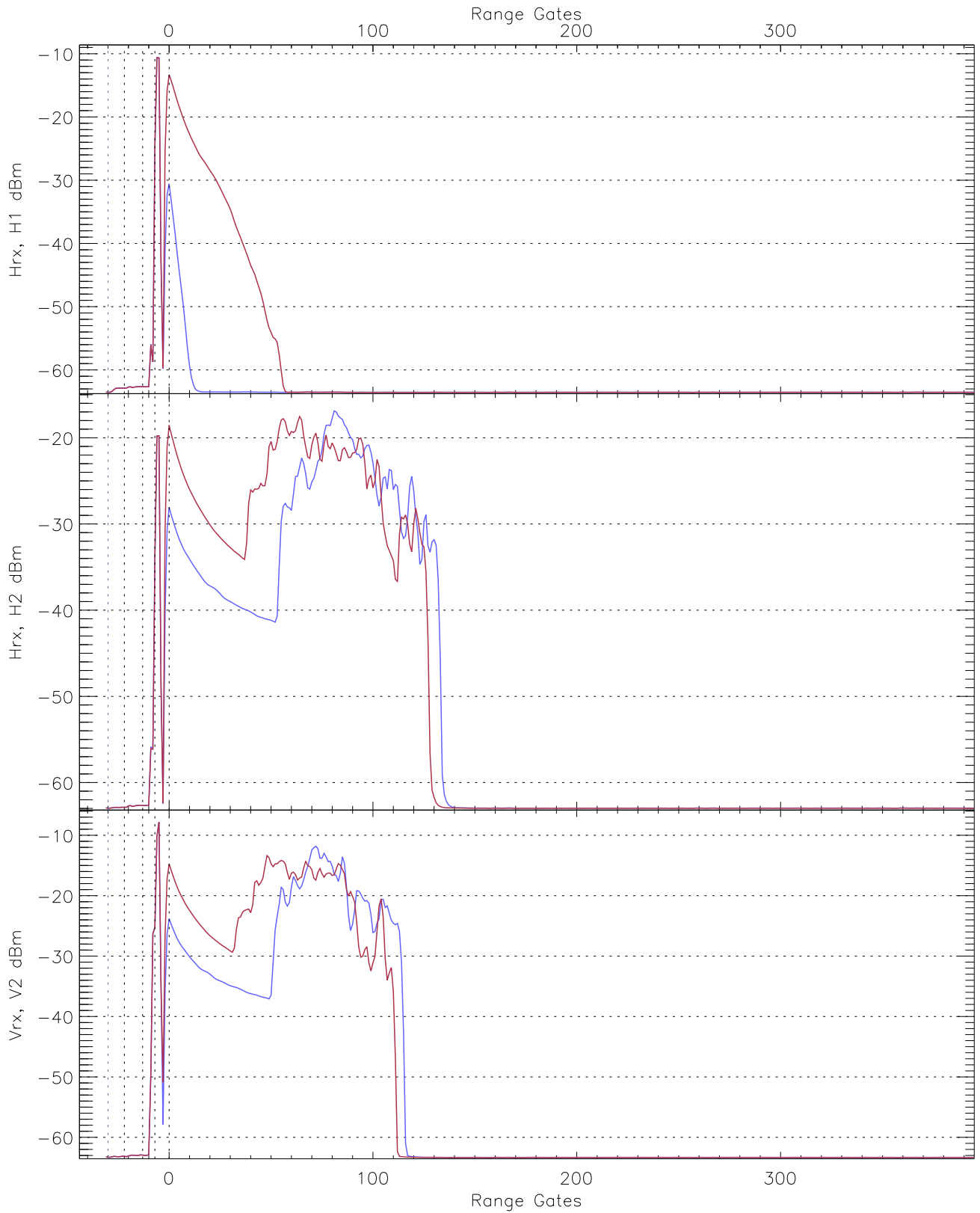
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.45	-62.58	-63.53	-63.54	-76.24
Hrx, H2 (RM [dBm])	-63.85	-62.10	-62.97	-62.97	-75.67
Vrx, V2 (RM [dBm])	-64.22	-62.43	-63.30	-63.30	-75.96

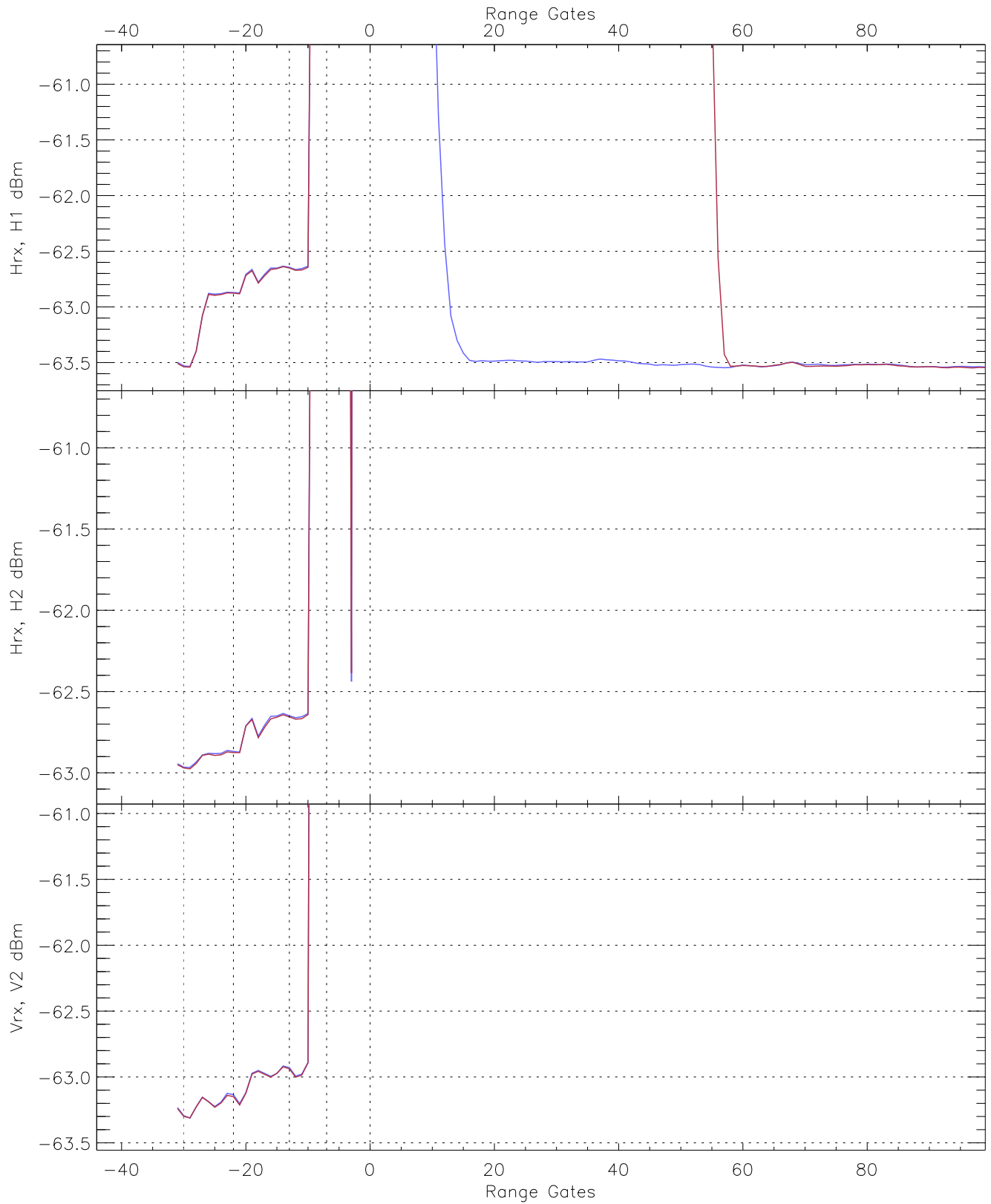


WCR2 CPP "Best" estimate Receivers Noise Power

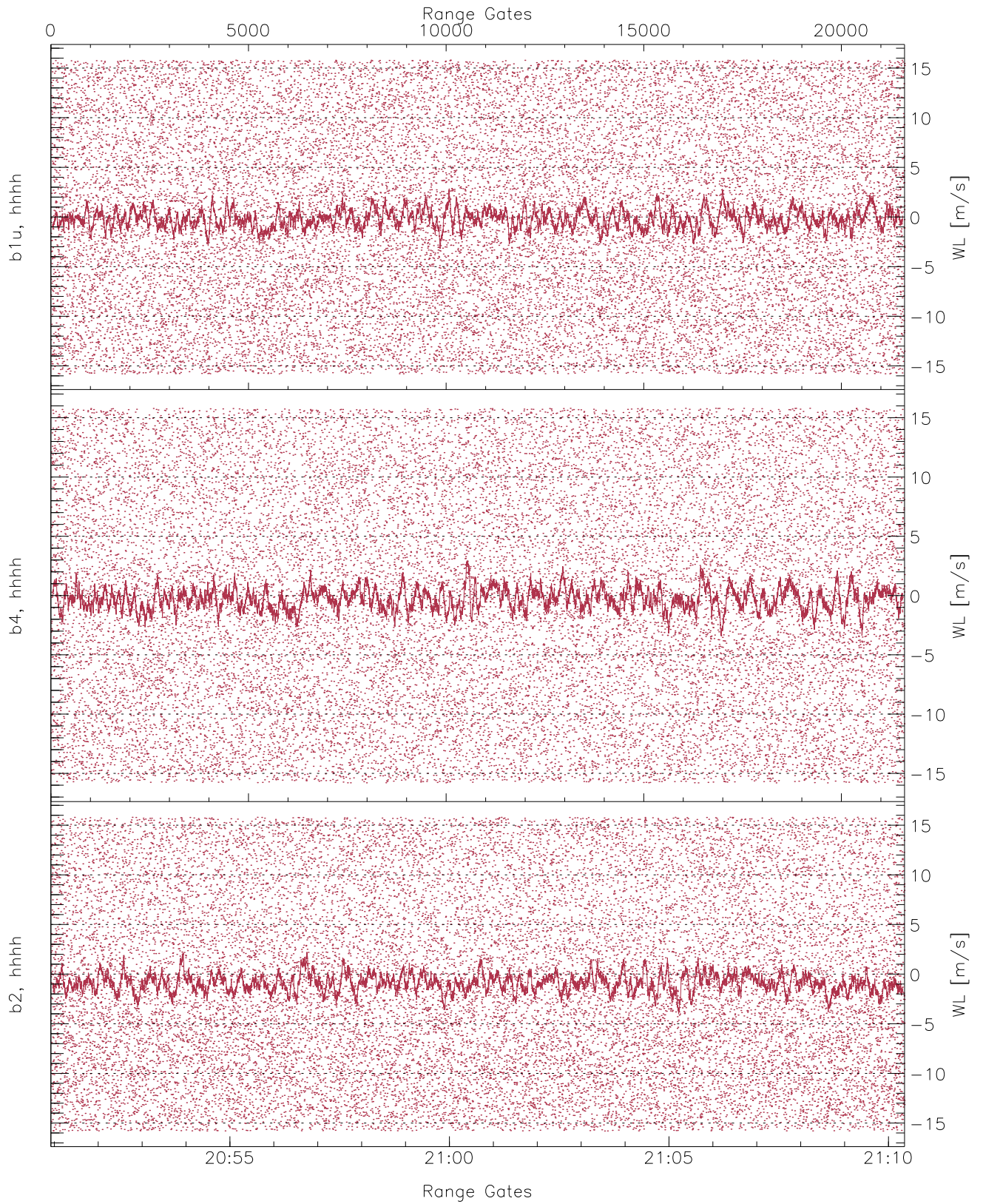
	Min	Max	Mean	Median	StDev
H1RG157_0 [dBm]	-64.56	-62.70	-63.55	-63.56	-76.29
H2RG170_0 [dBm]	-63.94	-62.15	-62.98	-62.99	-75.70
V2RG158_0 [dBm]	-64.26	-62.48	-63.35	-63.36	-76.04



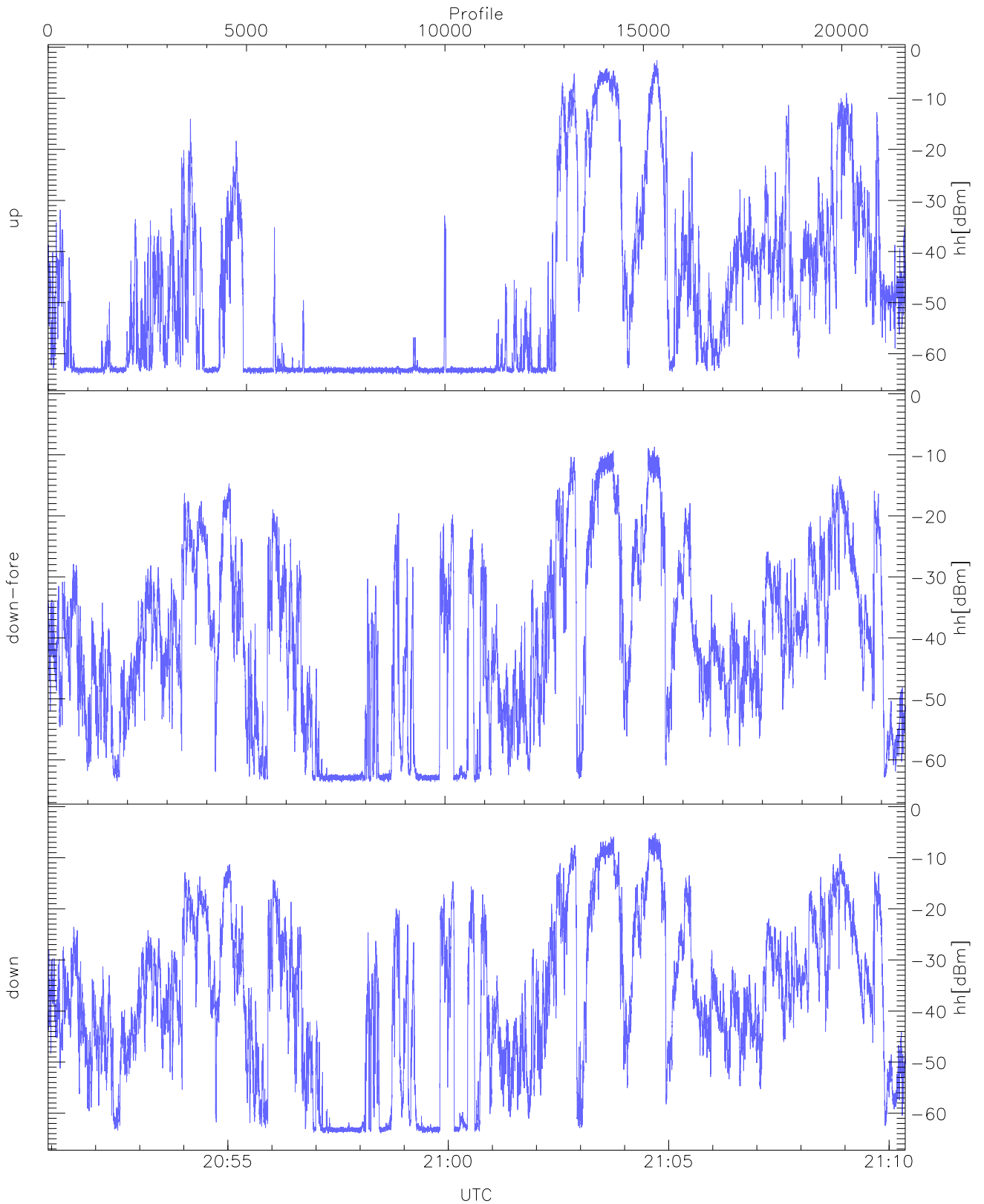
WCR2 CPP Averaged Received power for all recorded gates
blue: 205055-210039, 10801 profiles averaged
red: 210039-211022, 10800 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 205055-210039, 10801 profiles averaged
red: 210039-211022, 10800 profiles averaged

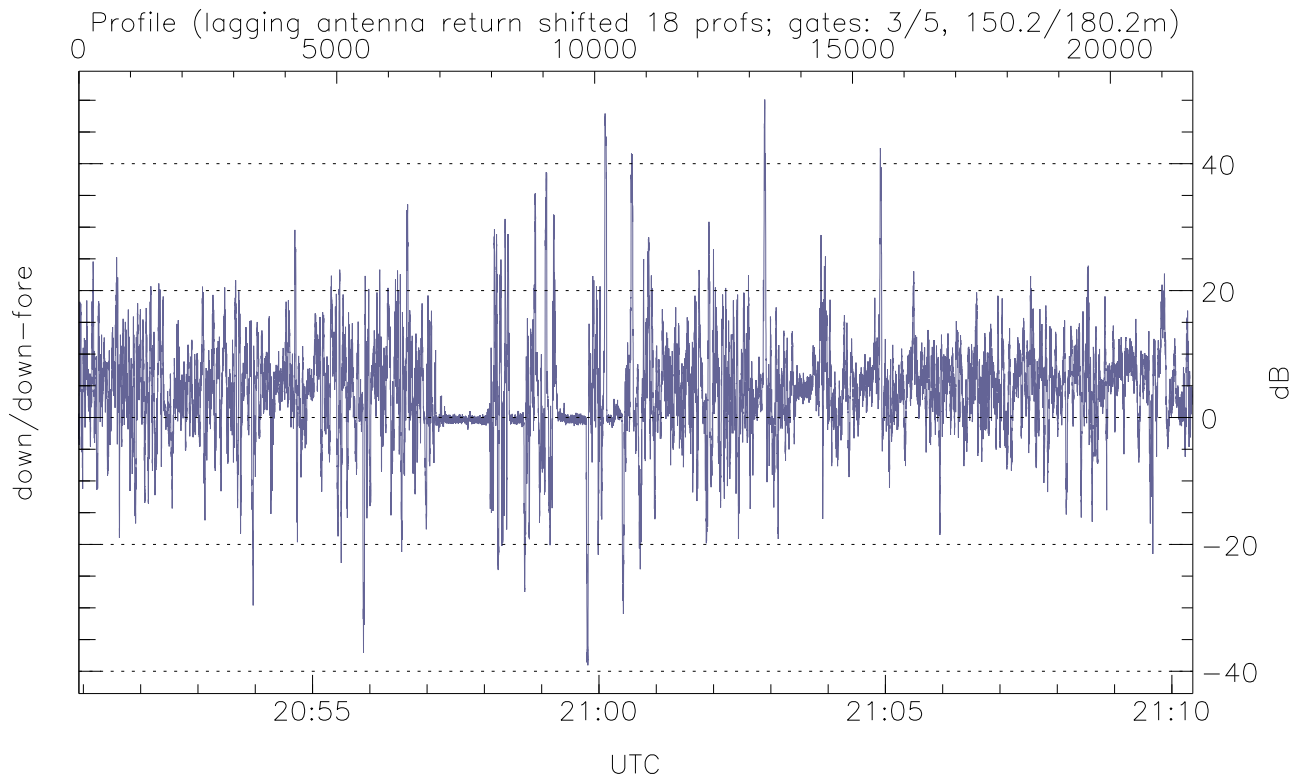
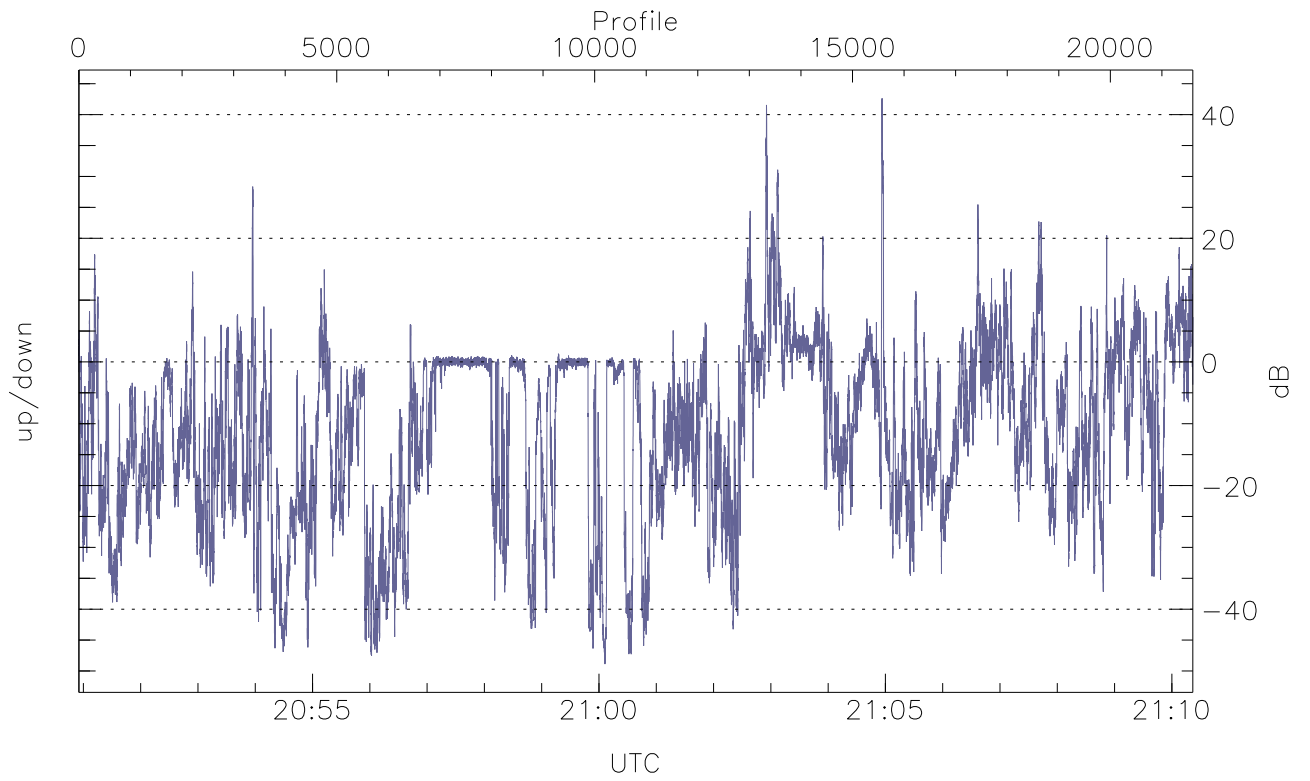


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



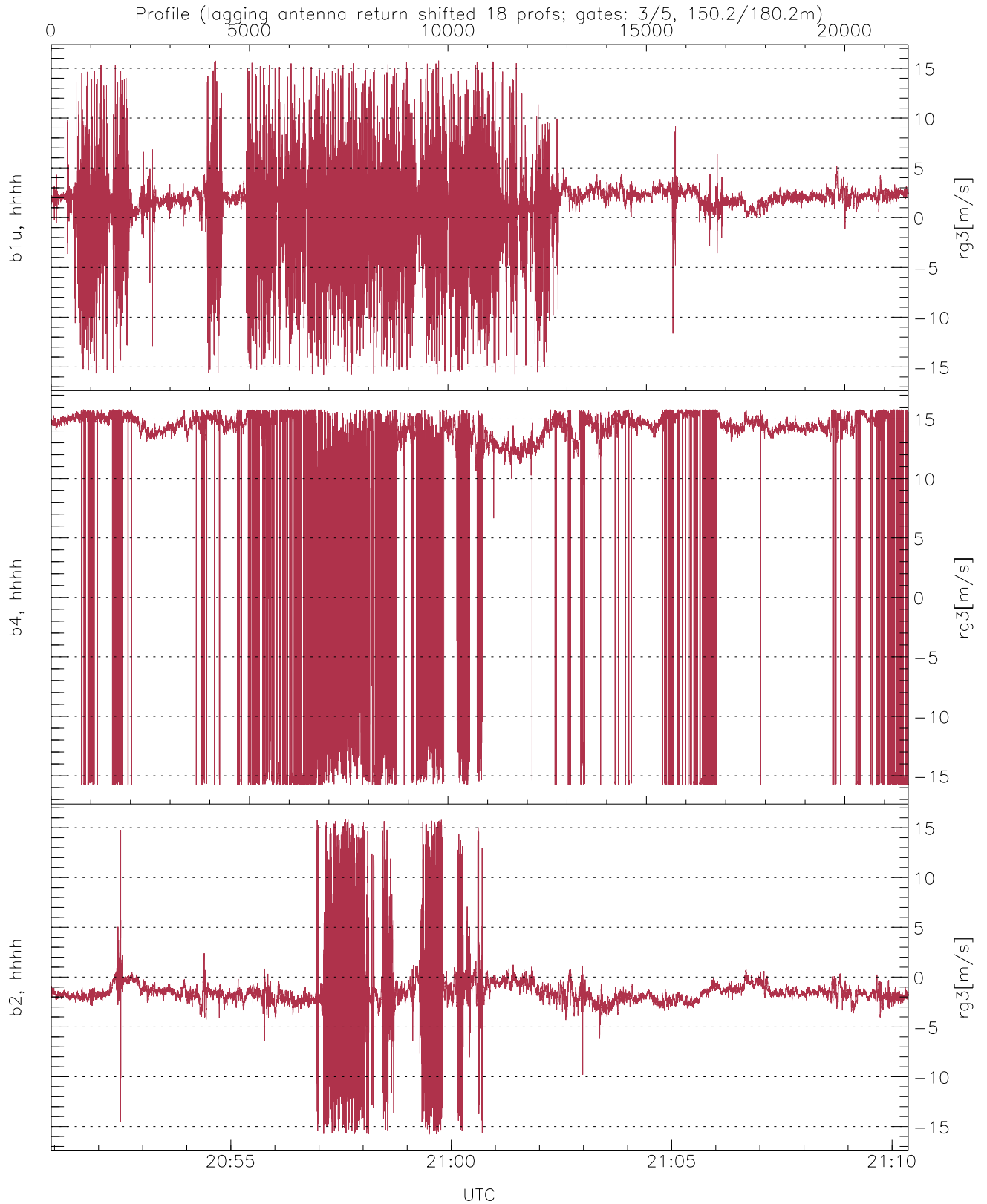
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-64.16	-2.57	-19.38
down-fore(hh[dBm])	-63.68	-8.68	-23.81
down(hh[dBm])	-63.99	-5.15	-20.21



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

	Min	Max	Mean
up/down (dB)	-48.88	42.64	-11.17
down/down-fore (dB)	-39.05	50.12	4.14



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.77	15.77	1.12	3.34
b4, hhhh(rg3[m/s])	-15.80	15.80	9.83	10.17
b2, hhhh(rg3[m/s])	-15.80	15.80	-1.51	2.68