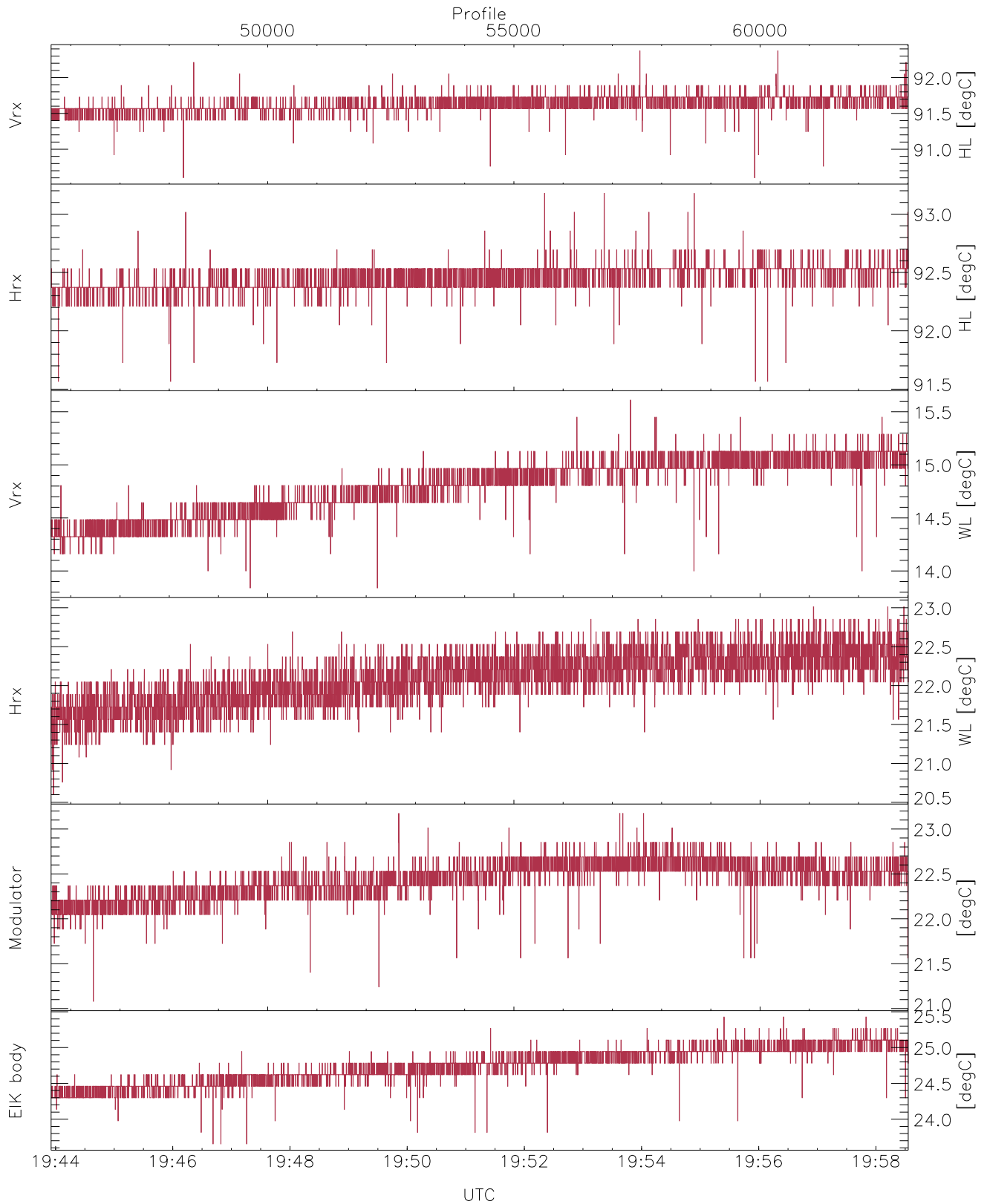


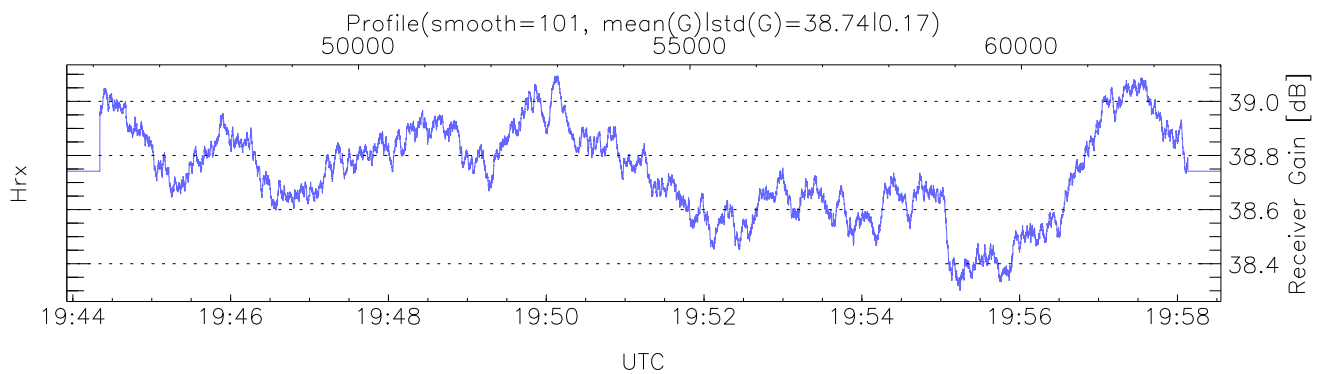
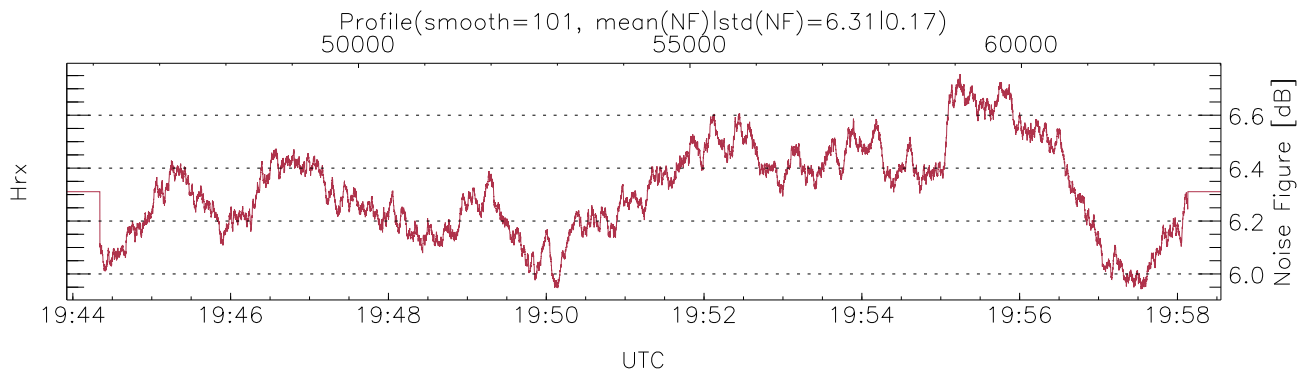
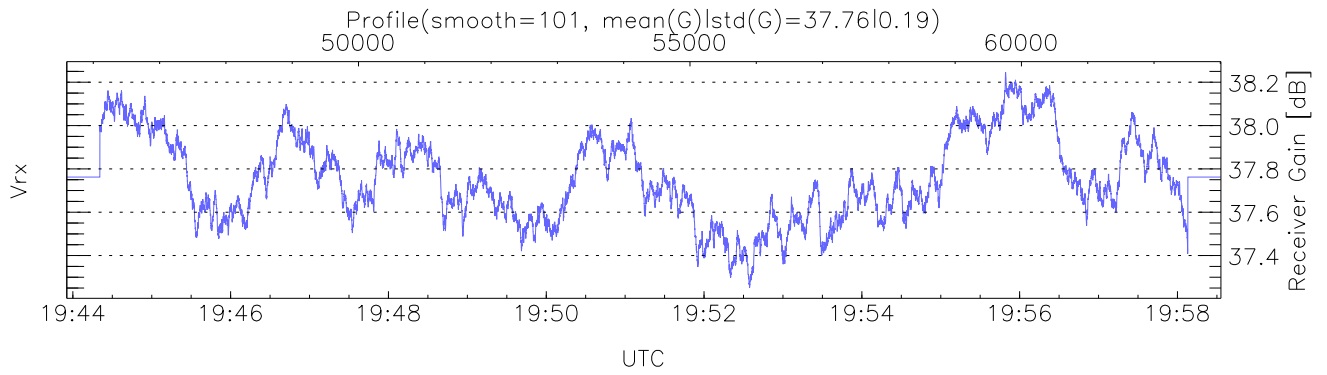
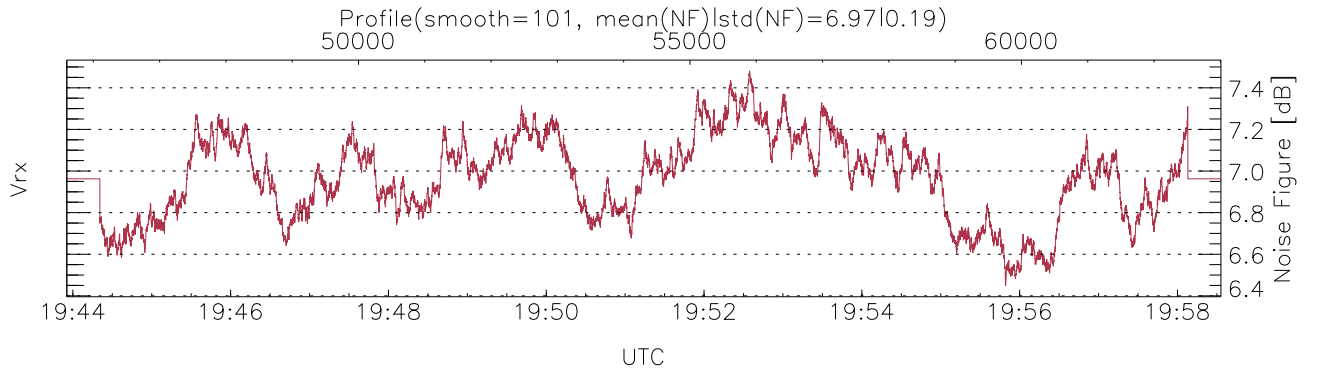
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 19:05:37-19:58:33, Dur: 3176.50s  
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant  
 TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20  
 NumRec(r/t): 17411/63011, 45600-63010/19:43:55-19:58:33  
 AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168  
 Pulse: 200ns, IFF: 5.0MHz, 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): 105,5271,15.0 m, Gates: 345, Aspect: 3.3  
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



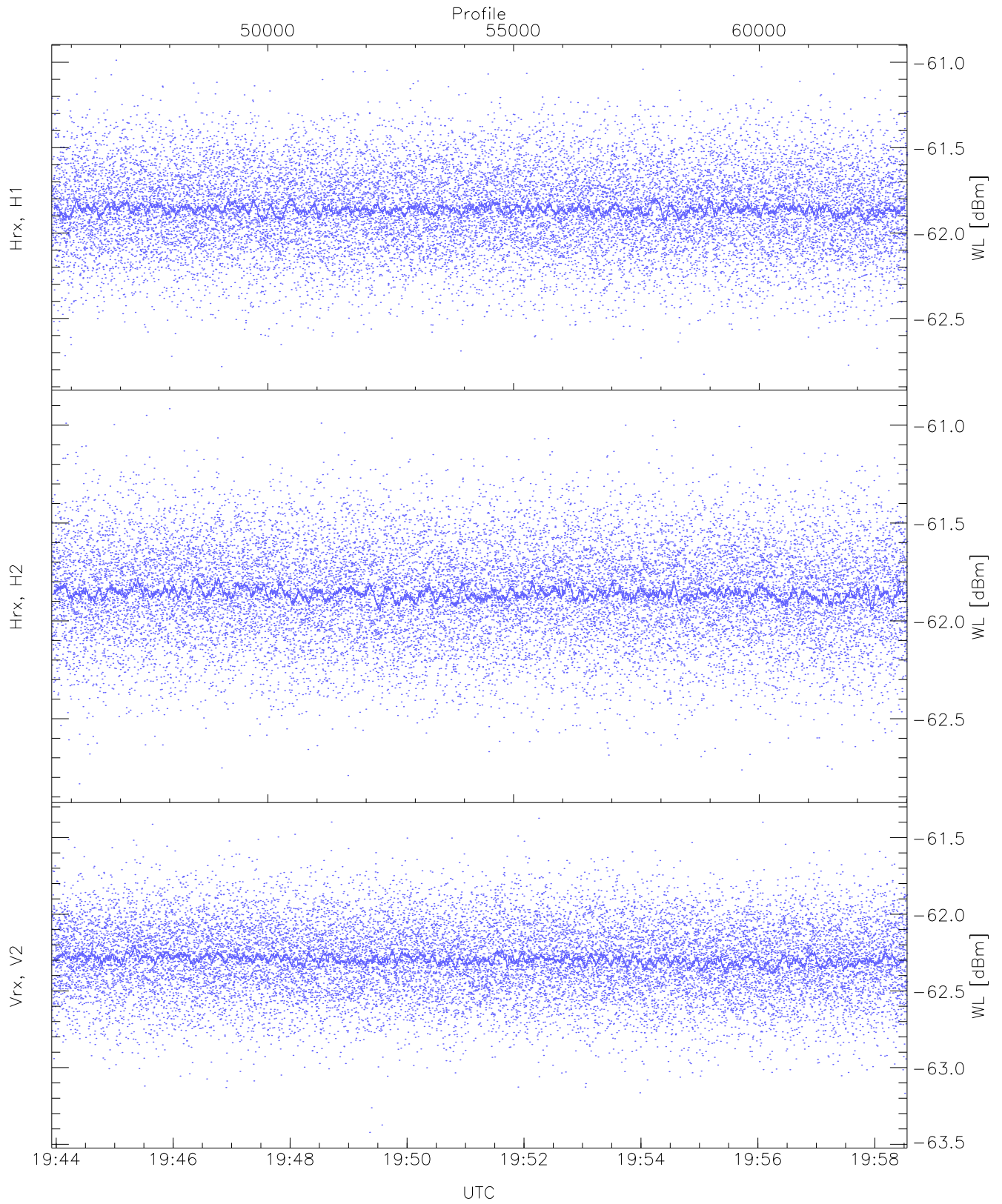
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

```
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,13,20,21,23
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,15,23,23,25
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (6,6,6,6,6,15)
```



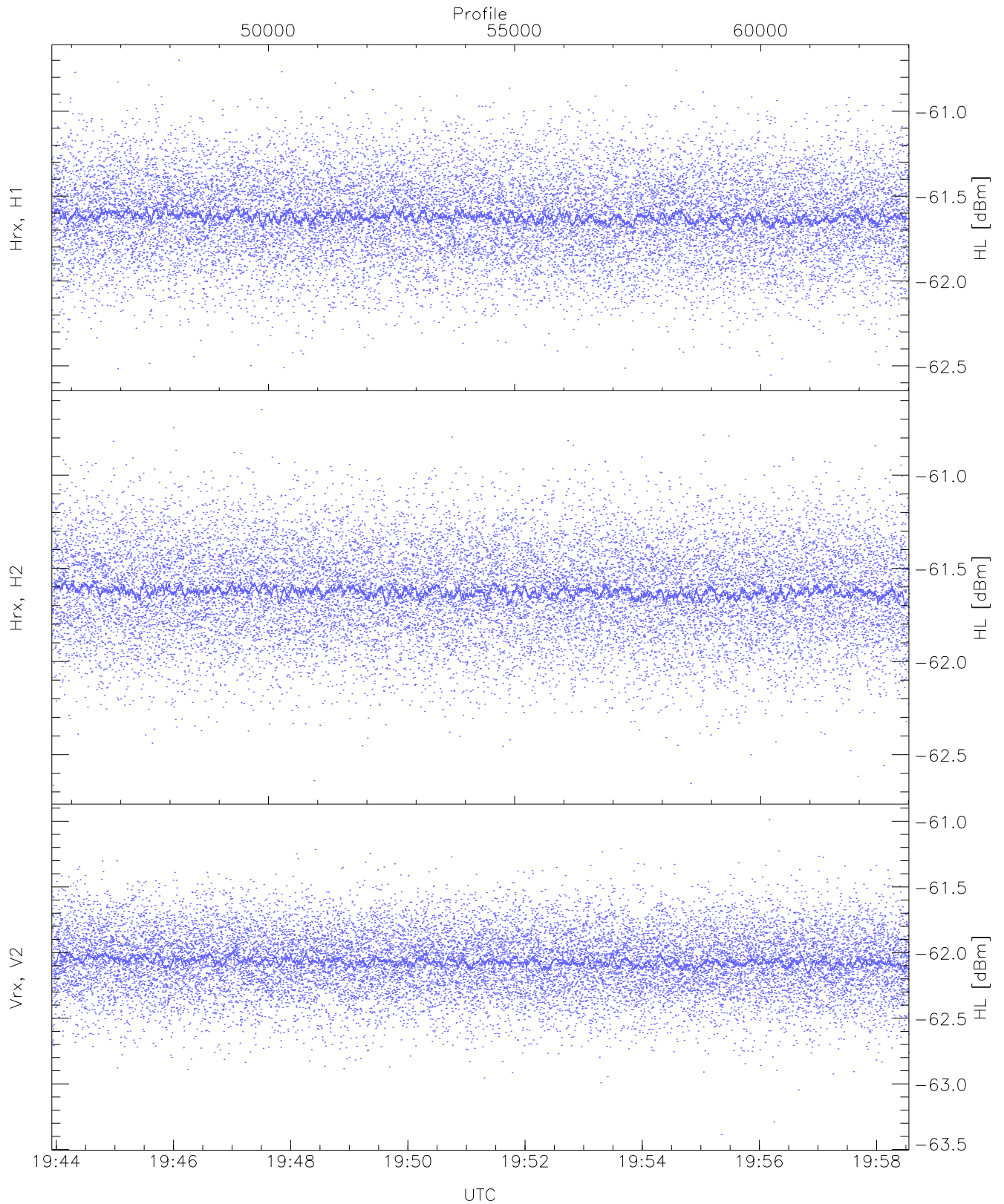
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 6358 pixs, 31 gates, 5589 profs, 2 prods



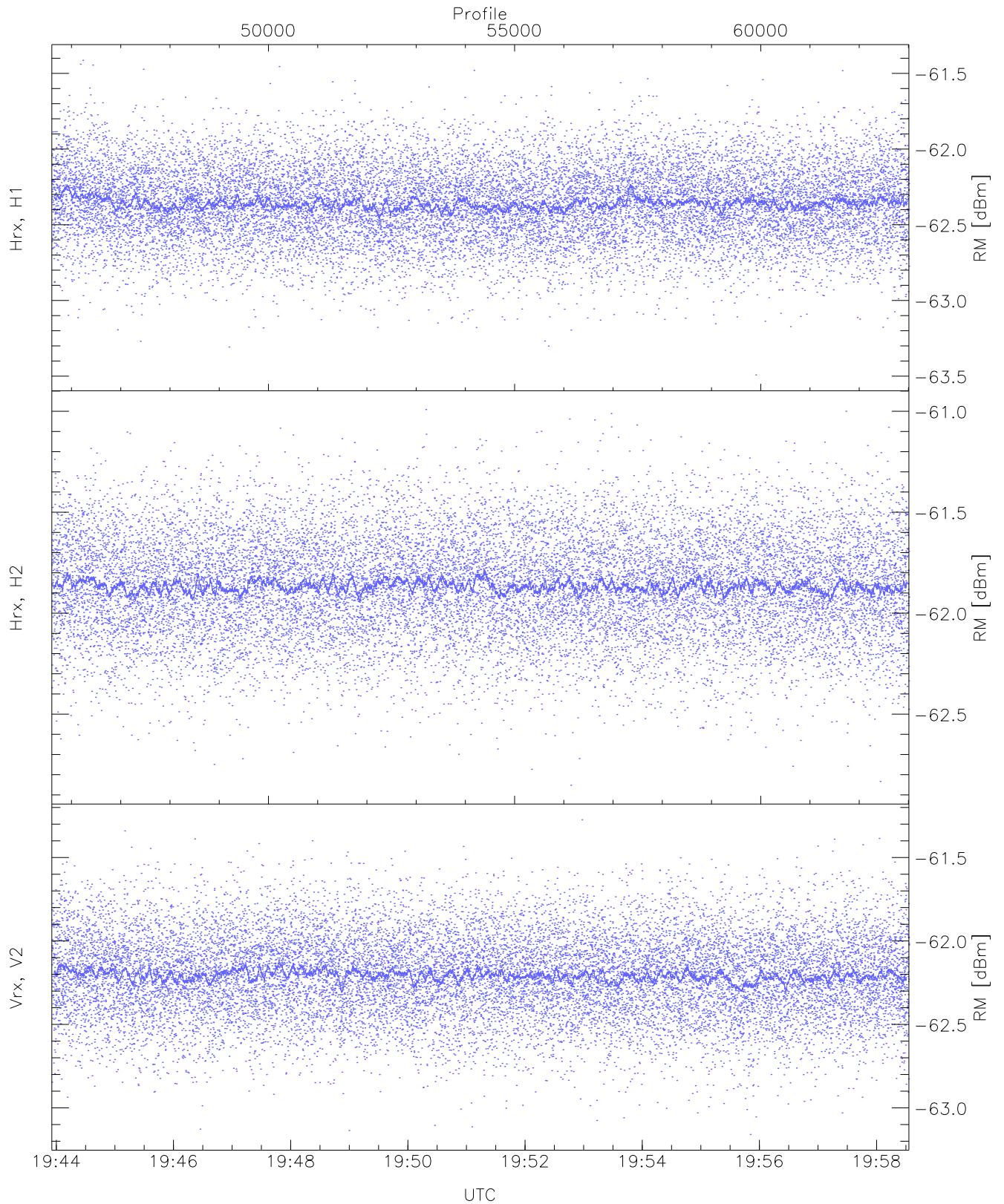
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-62.83	-60.99	-61.86	-61.86	-74.43
Hrx, H2 (WL [dBm])	-62.83	-60.92	-61.85	-61.86	-74.37
Vrx, V2 (WL [dBm])	-63.42	-61.37	-62.29	-62.30	-74.87



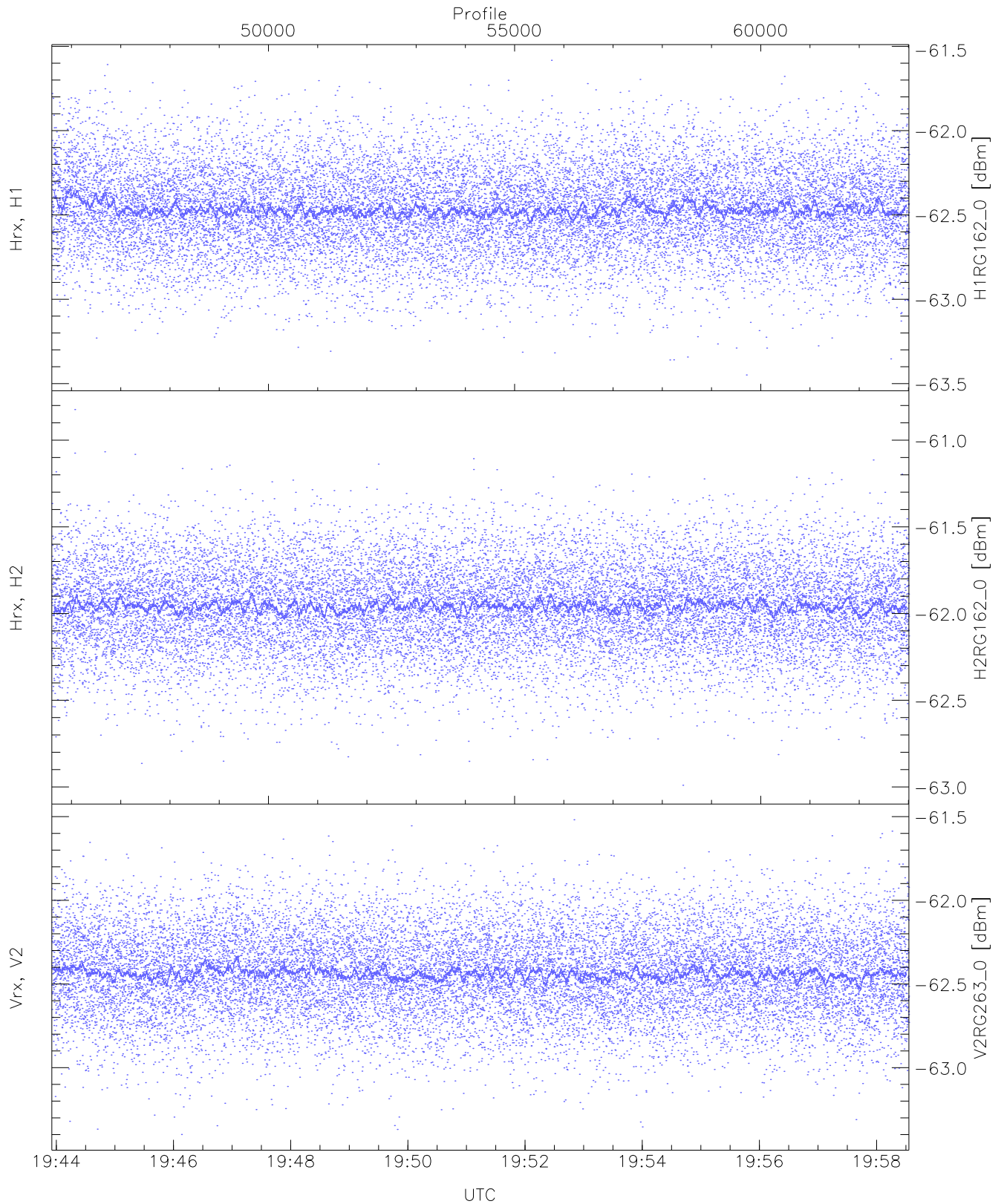
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.55	-60.70	-61.62	-61.62	-74.19
Hrx, H2 (HL [dBm])	-62.66	-60.65	-61.62	-61.63	-74.15
Vrx, V2 (HL [dBm])	-63.39	-60.99	-62.06	-62.07	-74.61



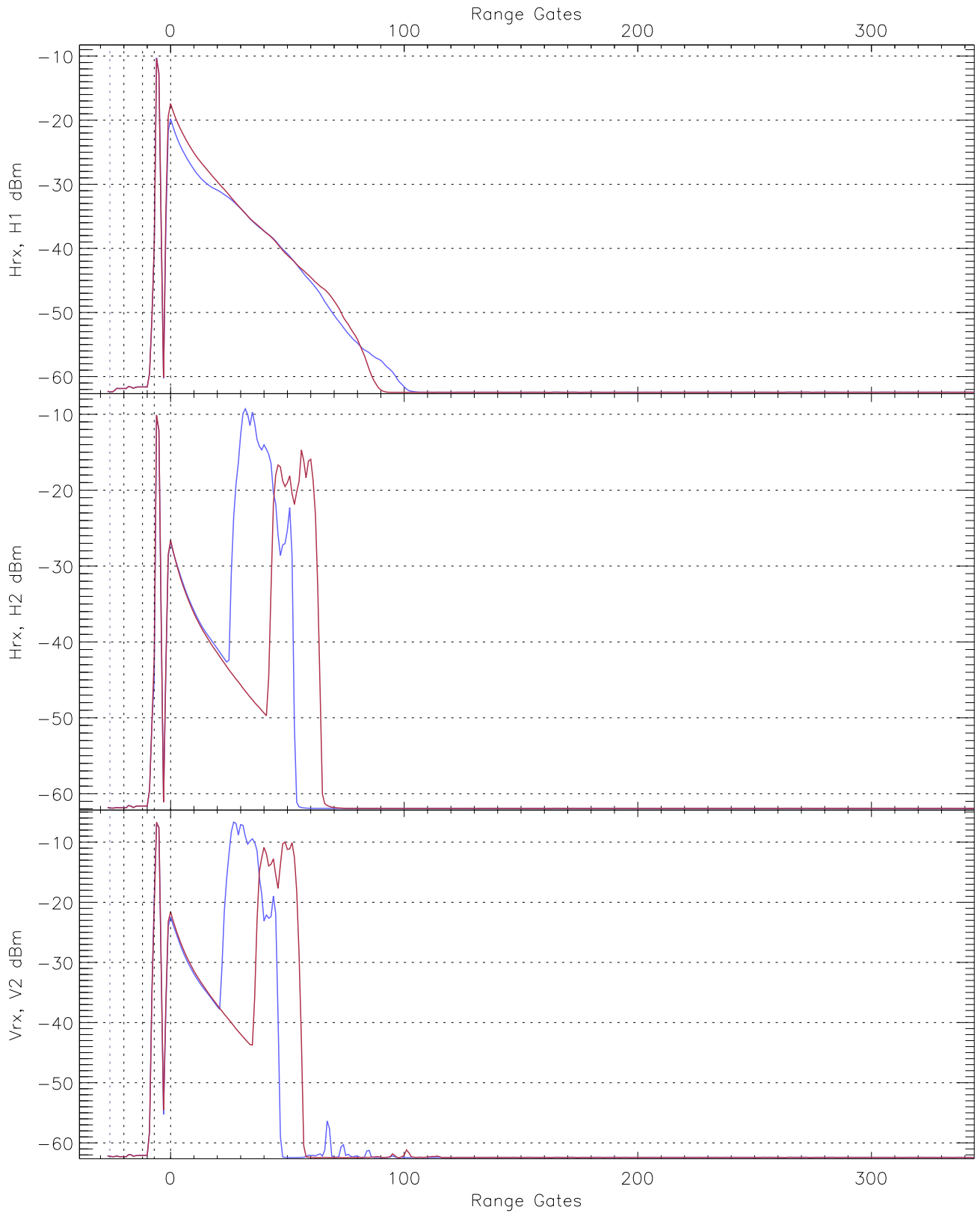
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.49	-61.41	-62.36	-62.36	-74.90
Hrx, H2(RM [dBm])	-62.85	-60.99	-61.86	-61.86	-74.43
Vrx, V2(RM [dBm])	-63.16	-61.27	-62.20	-62.21	-74.73



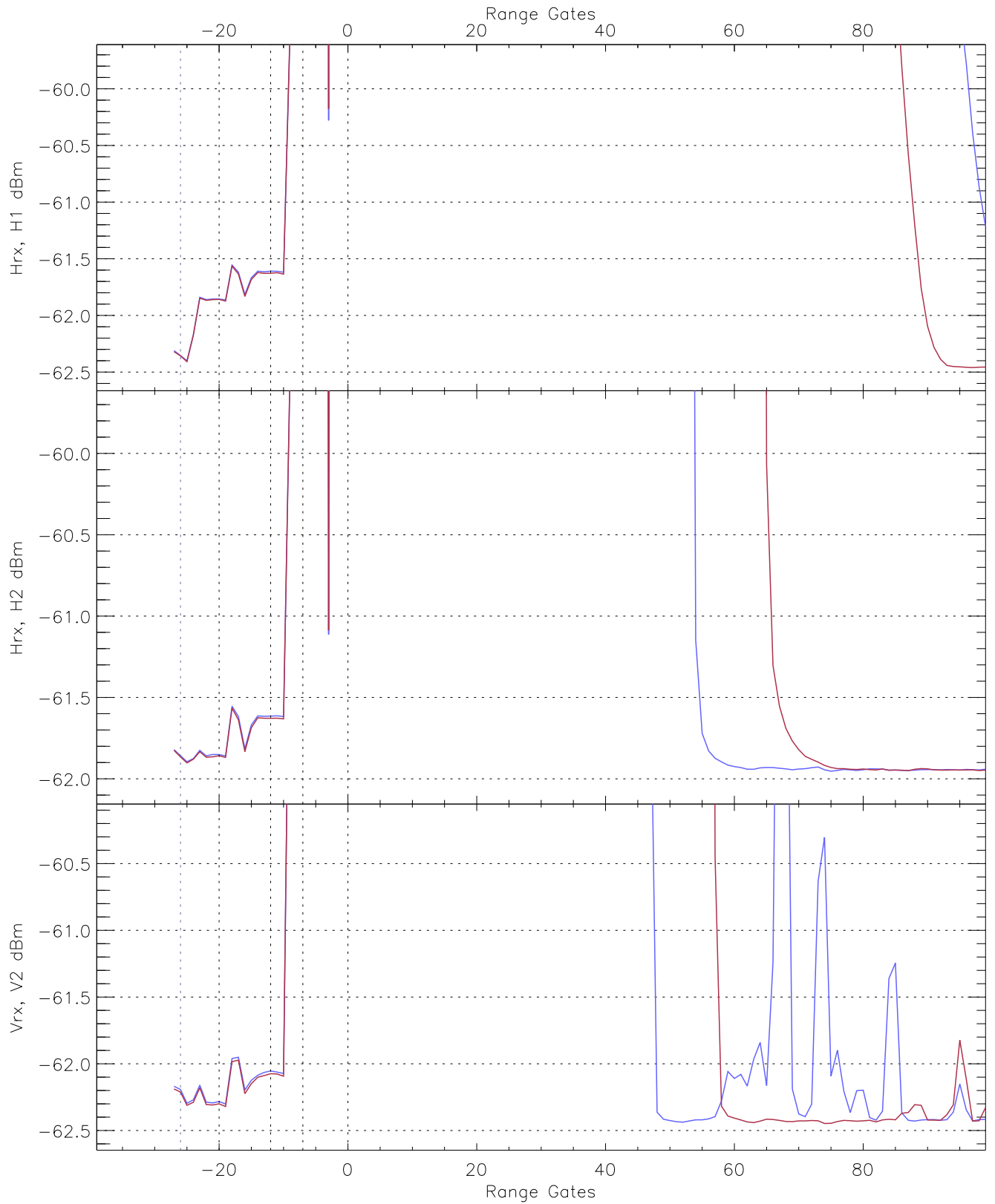
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG162_0 [dBm]	-63.45	-61.58	-62.46	-62.47	-75.01
H2RG162_0 [dBm]	-62.99	-60.82	-61.95	-61.96	-74.54
V2RG263_0 [dBm]	-63.40	-61.52	-62.43	-62.44	-75.00

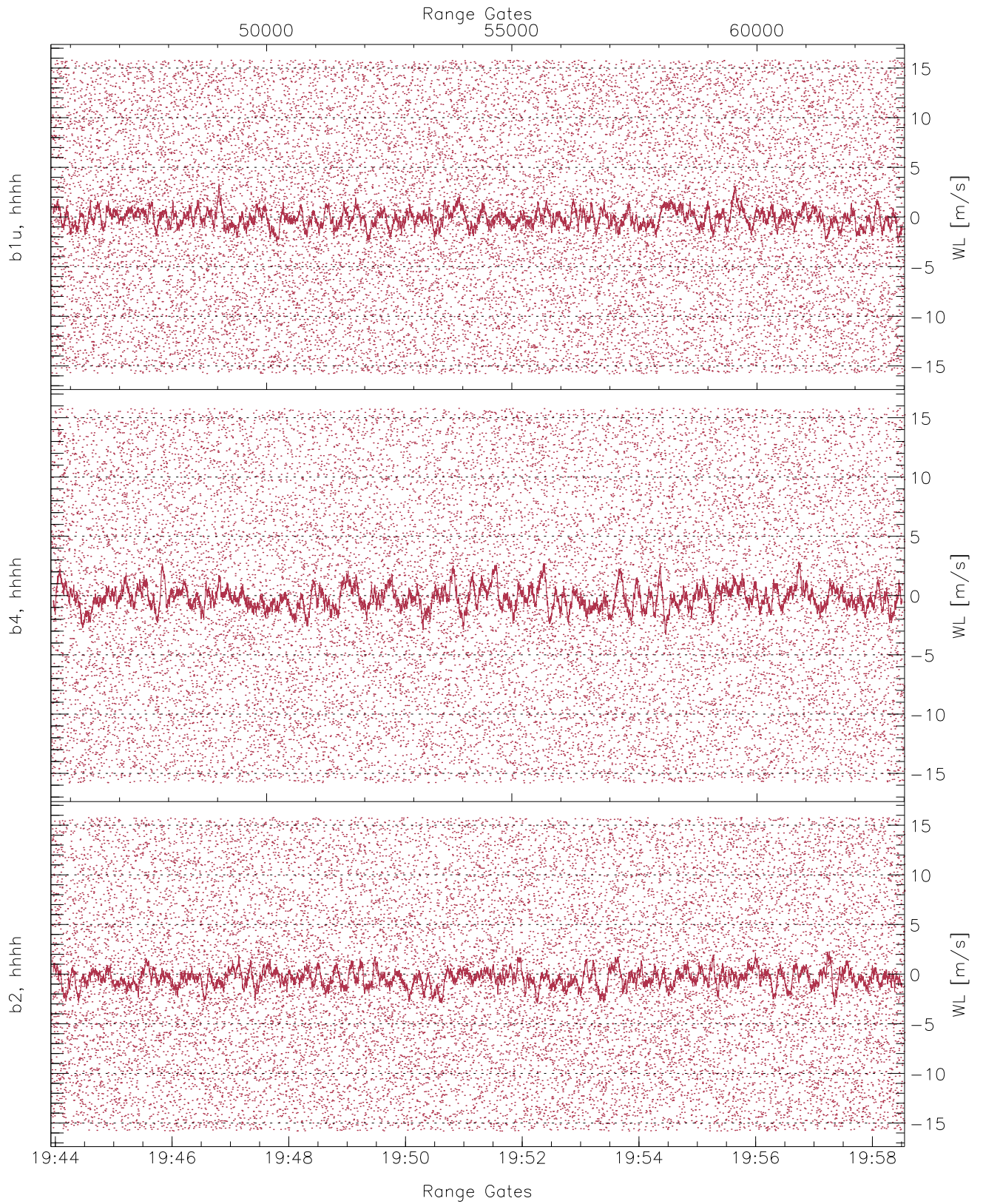


WCR2 CPP Averaged Received power for all recorded gates  
blue: 194355-195114, 8706 profiles averaged  
red: 195114-195833, 8706 profiles averaged

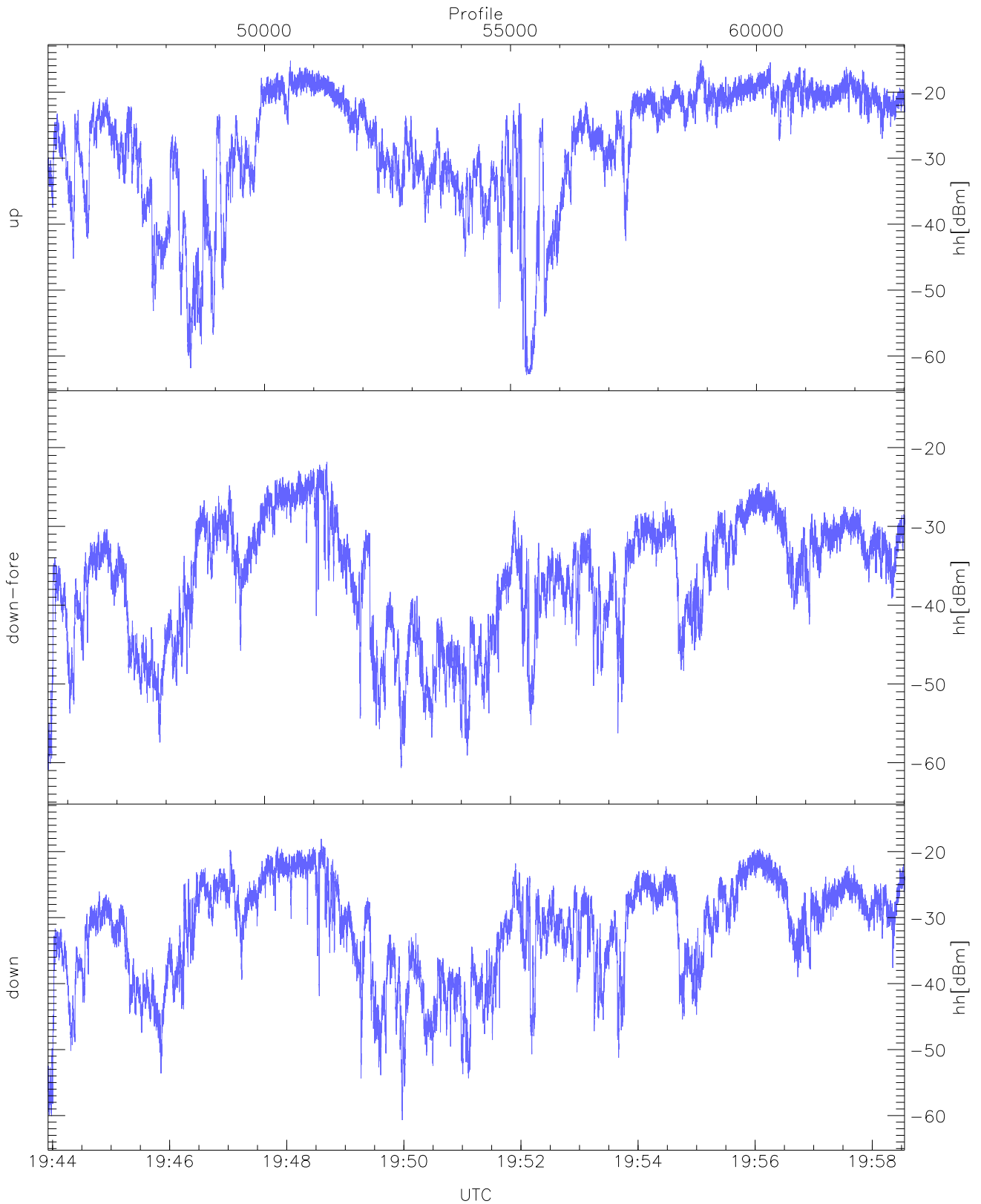




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 194355-195114, 8706 profiles averaged  
red: 195114-195833, 8706 profiles averaged

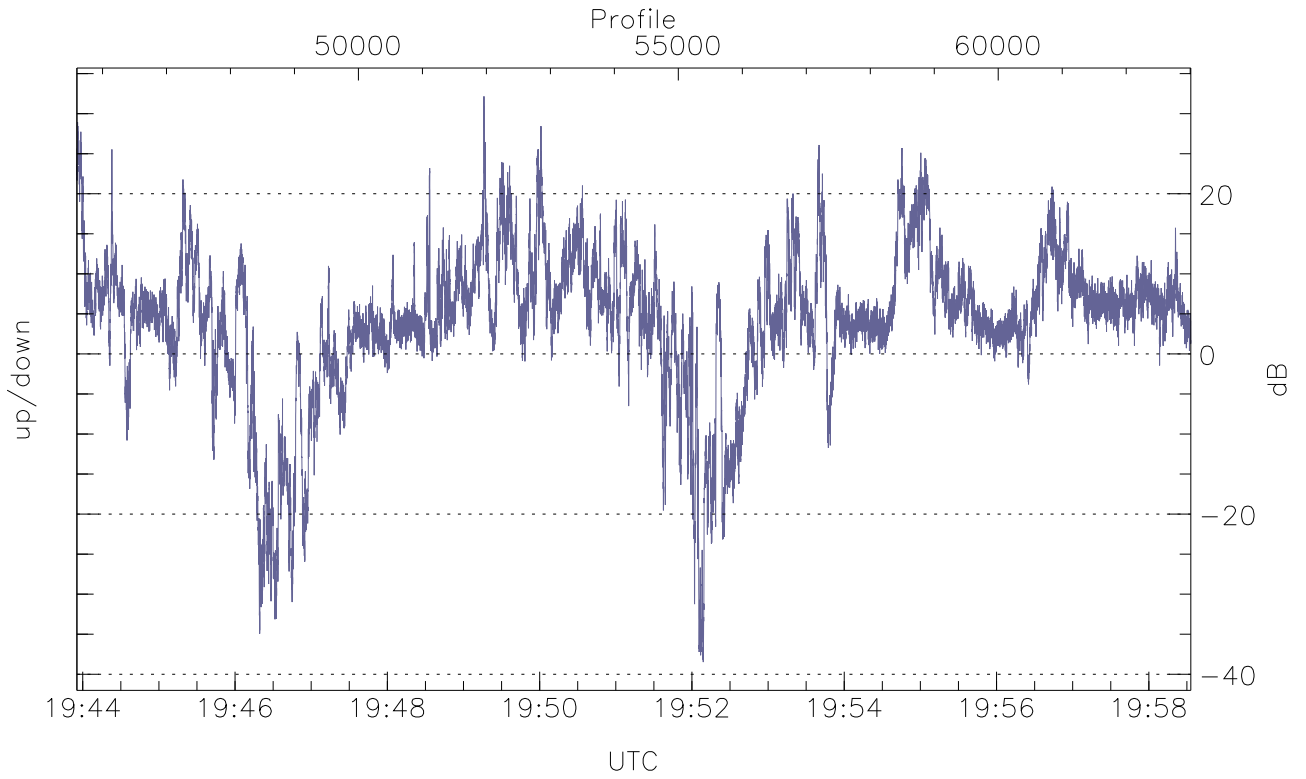


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



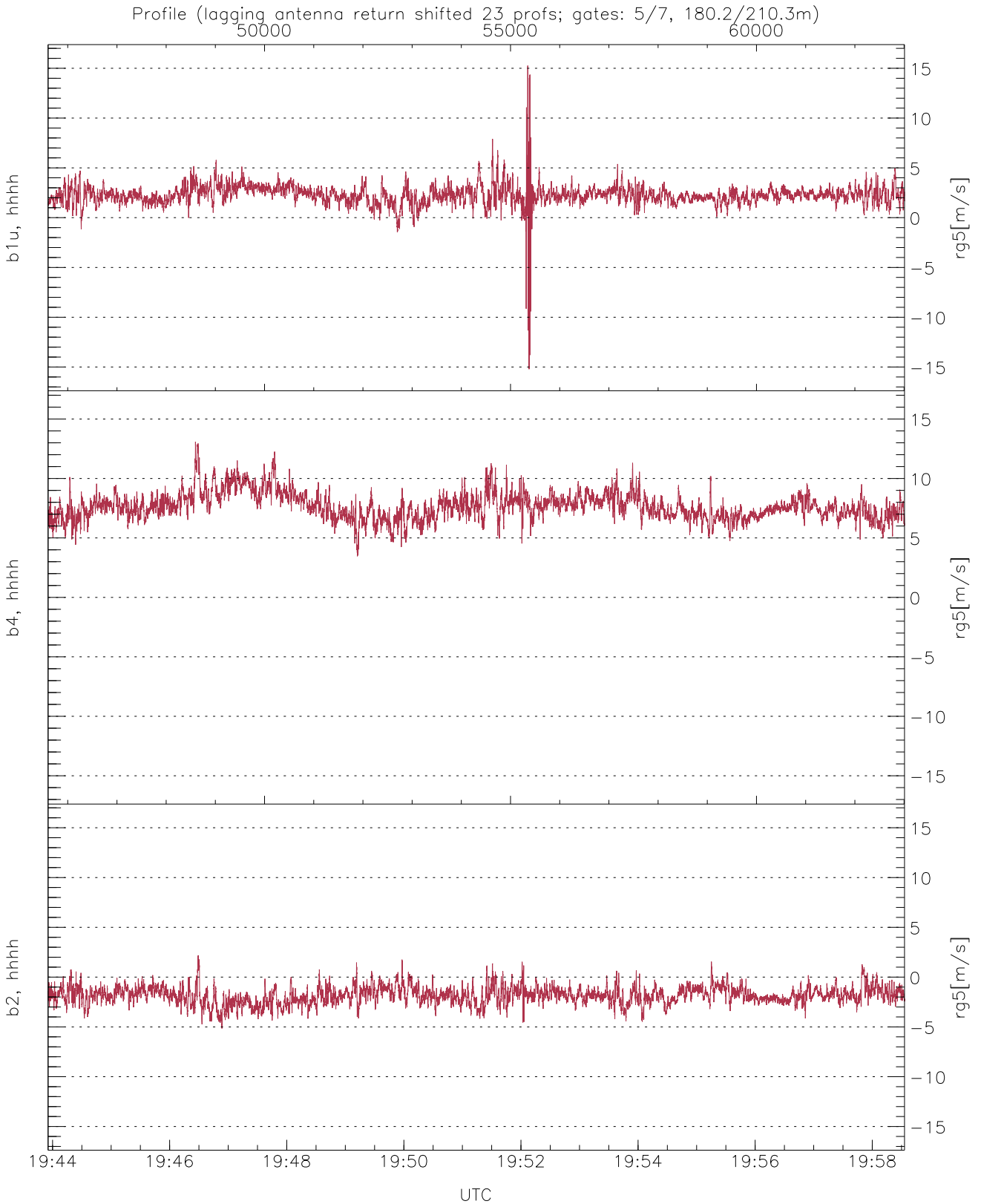
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-62.87	-15.17	-23.07
down-fore(hh[dBm])	-60.90	-21.84	-32.14
down(hh[dBm])	-60.69	-18.06	-27.65



WCR2 Beam pairs Received Power Ratio(s); RangeGate: 5 (180 m)

	Min	Max	Mean
up/down (dB)	-38.48	32.17	4.14
down/down-fore (dB)	-20.21	31.49	6.40



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.22	15.27	2.26	0.95
b4, hhhh(rg5[m/s])	3.46	13.08	7.65	1.12
b2, hhhh(rg5[m/s])	-5.16	2.19	-1.83	0.88