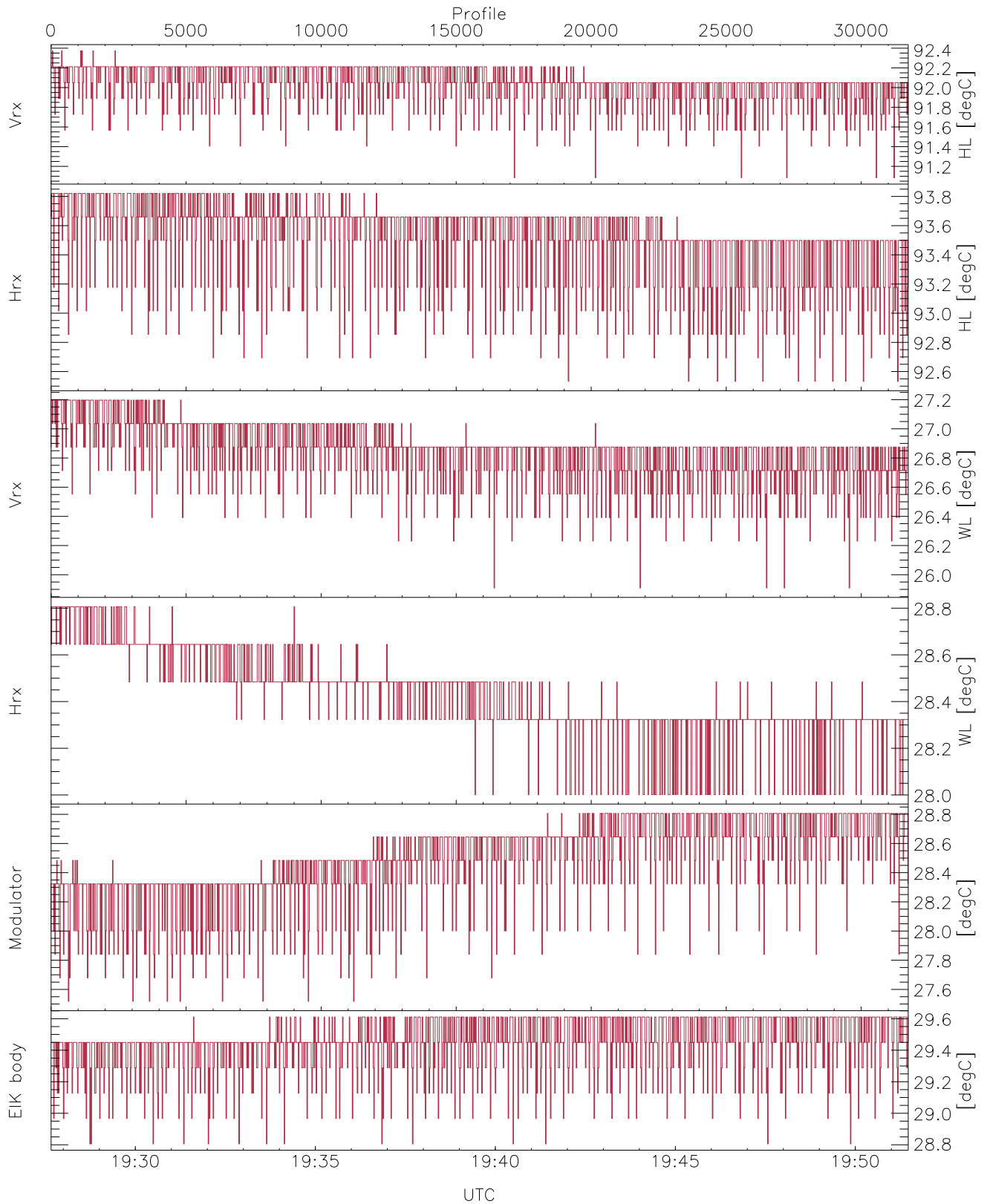


WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

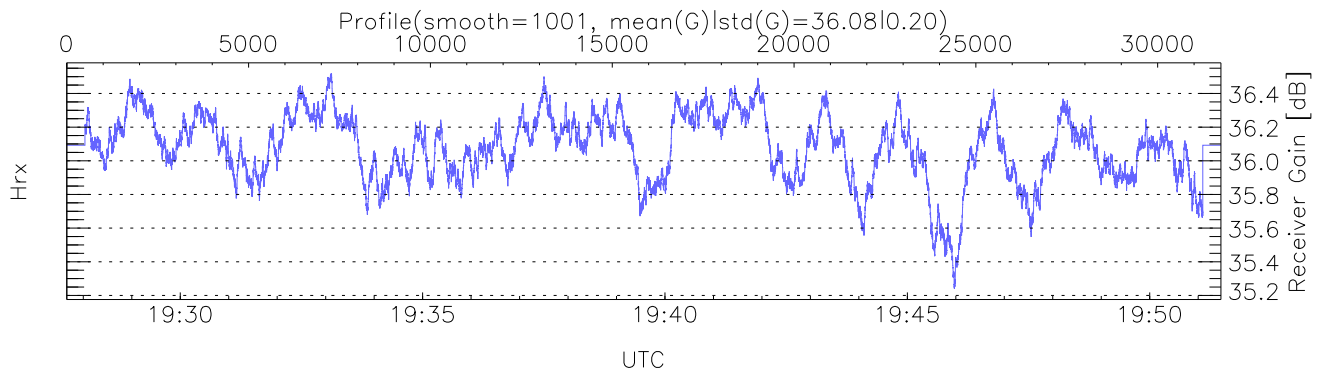
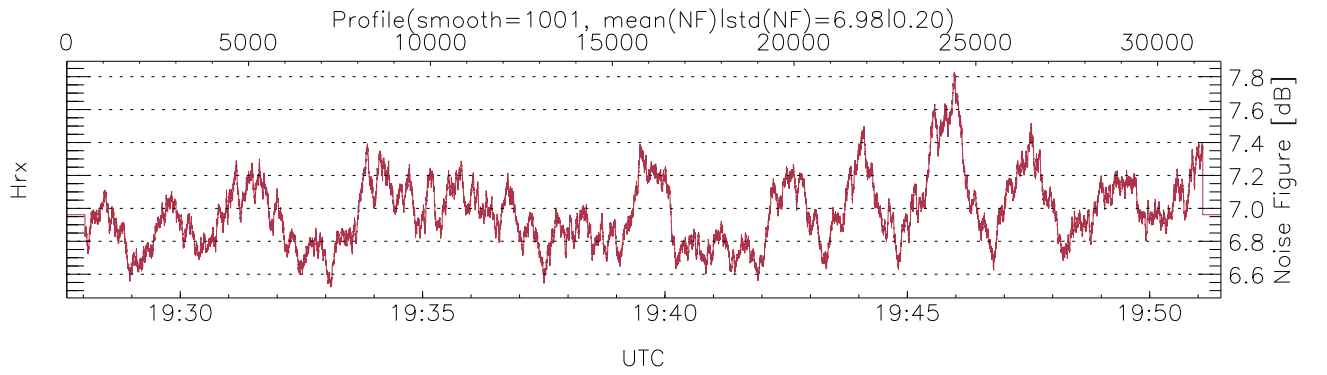
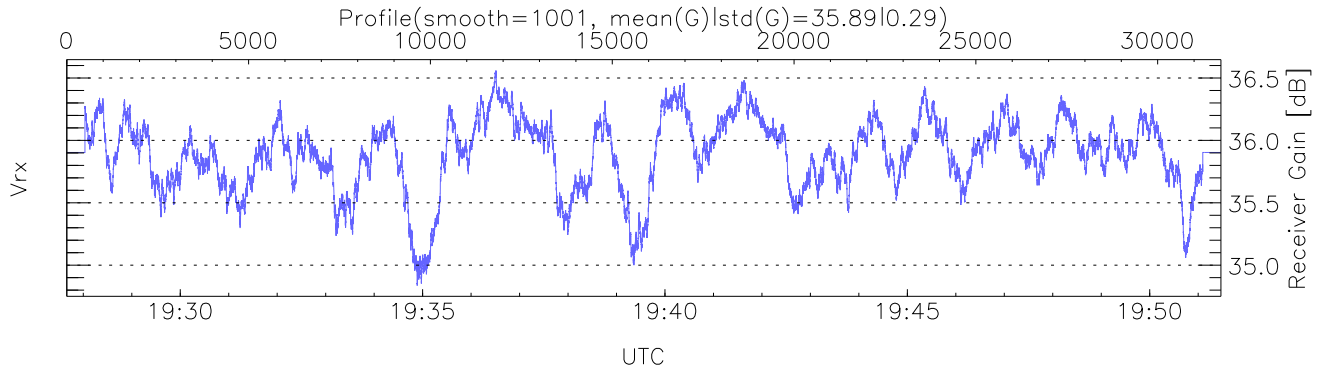
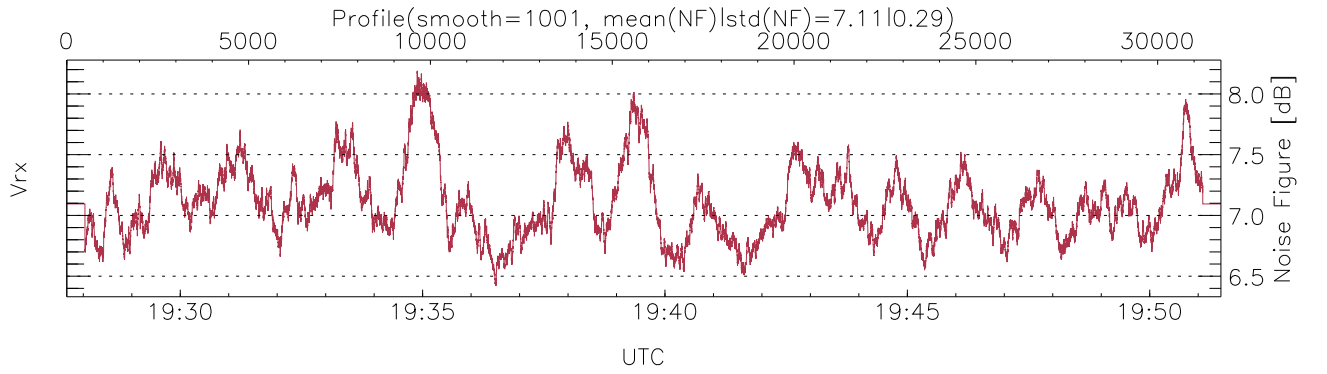
UTC: 19:27:40-19:51:28, TimeCor: 0.00s, Dur: 1428.66s
 TimeFlg: 1, TFPstatus constant.
 TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
 NumRec(r/t): 31741/31741, 0-31740/19:27:40-19:51:28
 AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H1 V2 V2 V2 H2 H2 H2
 PRF: 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us
 Range(min,max,rqs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

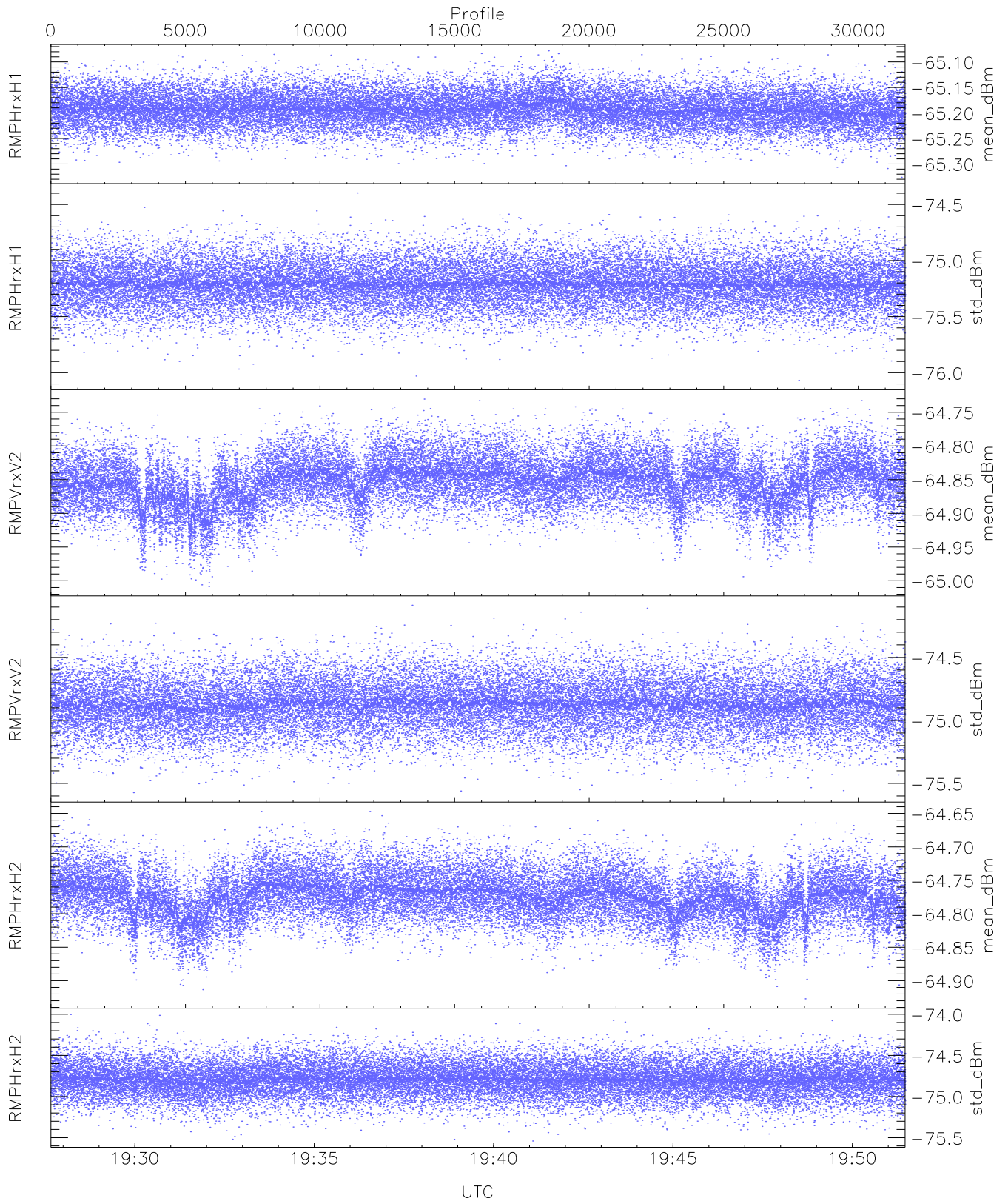
```

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,25,28,27,28
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,27,28,28,29
LOalarm(20,240,2817,14861 MHz): 0,0,24,0
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,Fault2,DeckF,OverDuty,HVPS,Fault1 (46,46,46,46,46,46,46)
    
```



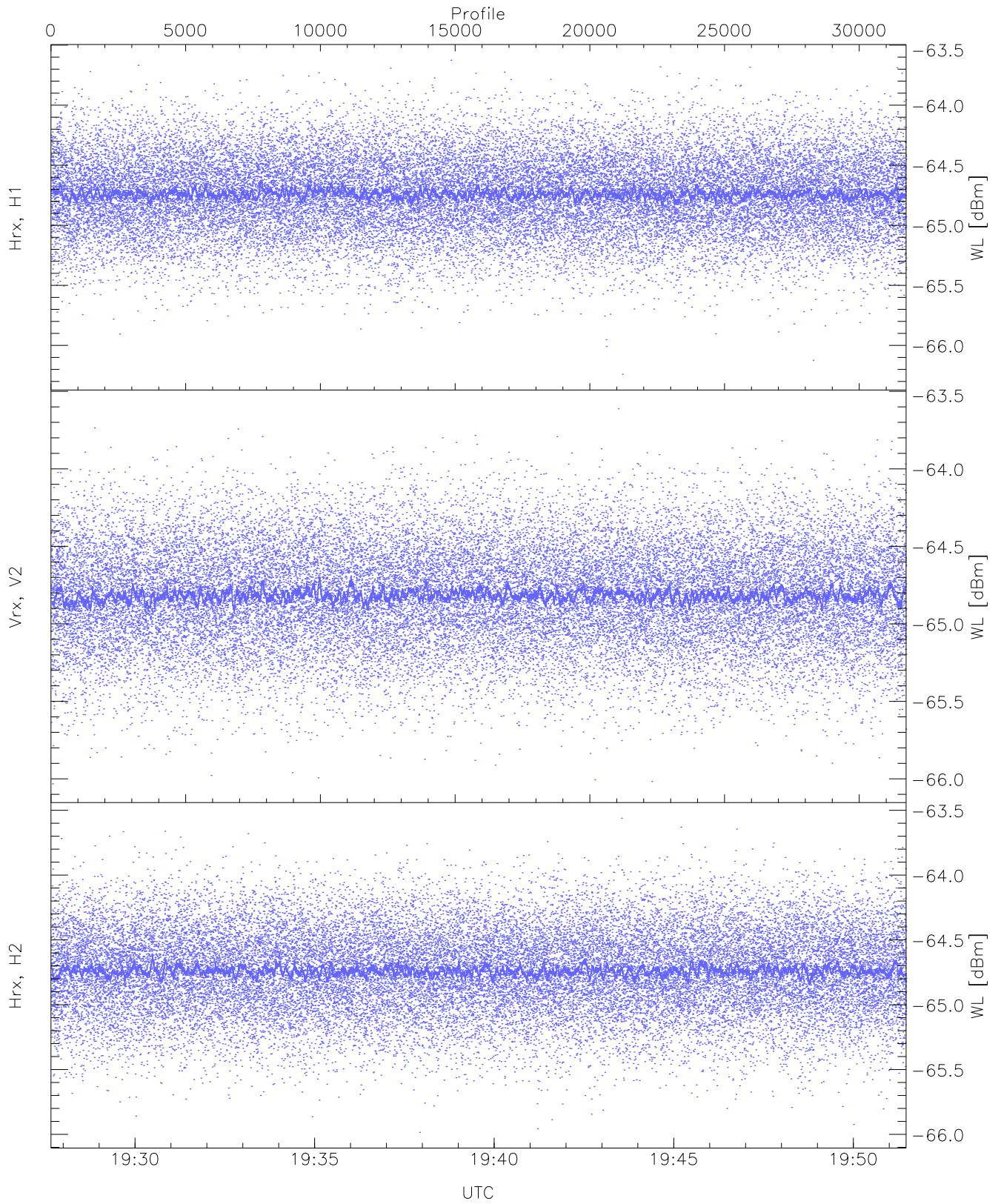
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 0 pixs, 0 gates, 0 profs, 0 prod(s)



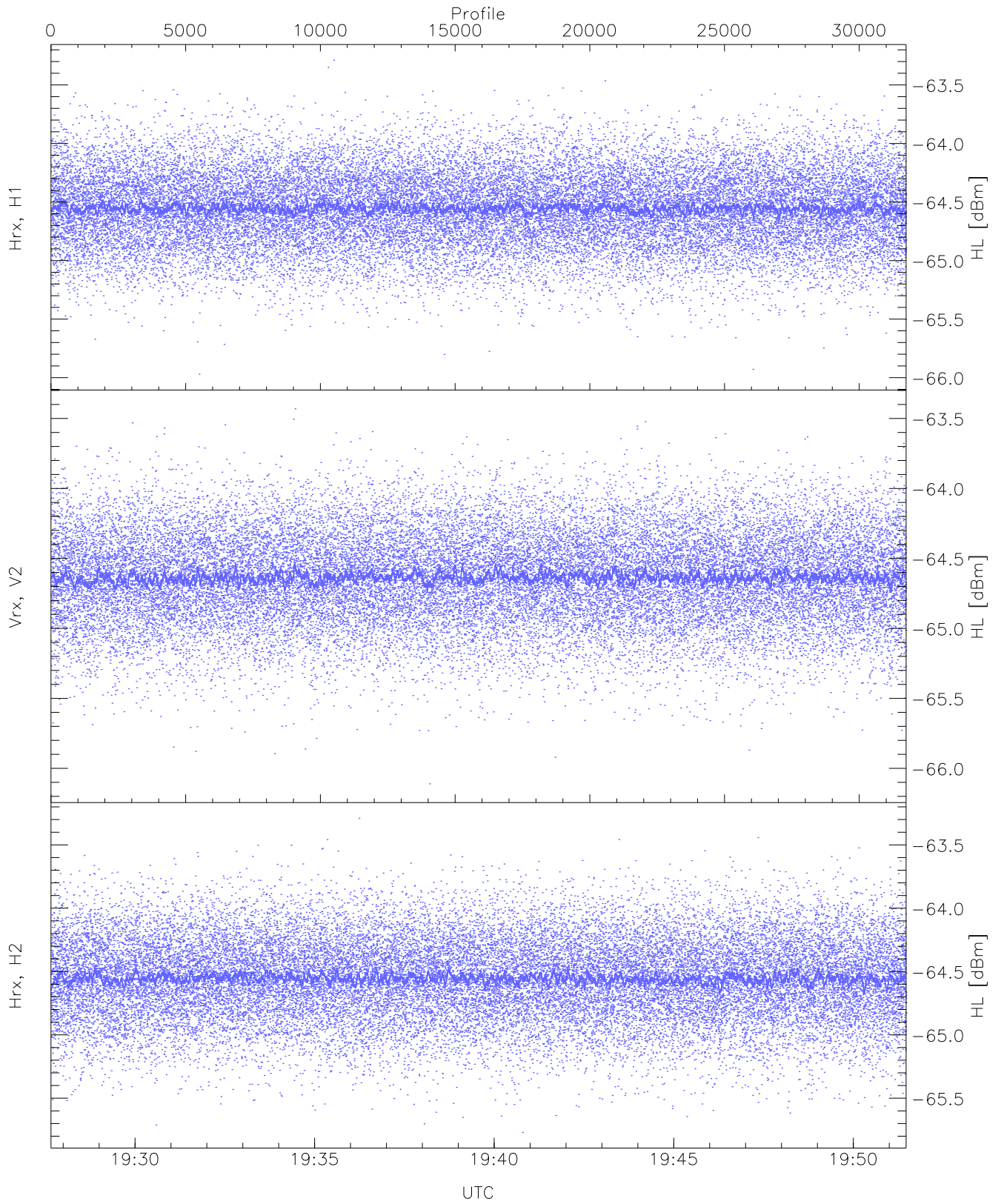
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.33	-65.08	-65.19	-65.19	-86.73
RMPHrxH1(std_dBm)	-76.07	-74.40	-75.21	-75.21	-89.02
RMPVrxV2(mean_dBm)	-65.01	-64.73	-64.85	-64.85	-85.73
RMPVrxV2(std_dBm)	-75.57	-74.09	-74.87	-74.87	-88.67
RMPHrxH2(mean_dBm)	-64.93	-64.65	-64.77	-64.77	-85.85
RMPHrxH2(std_dBm)	-75.54	-74.00	-74.79	-74.79	-88.57



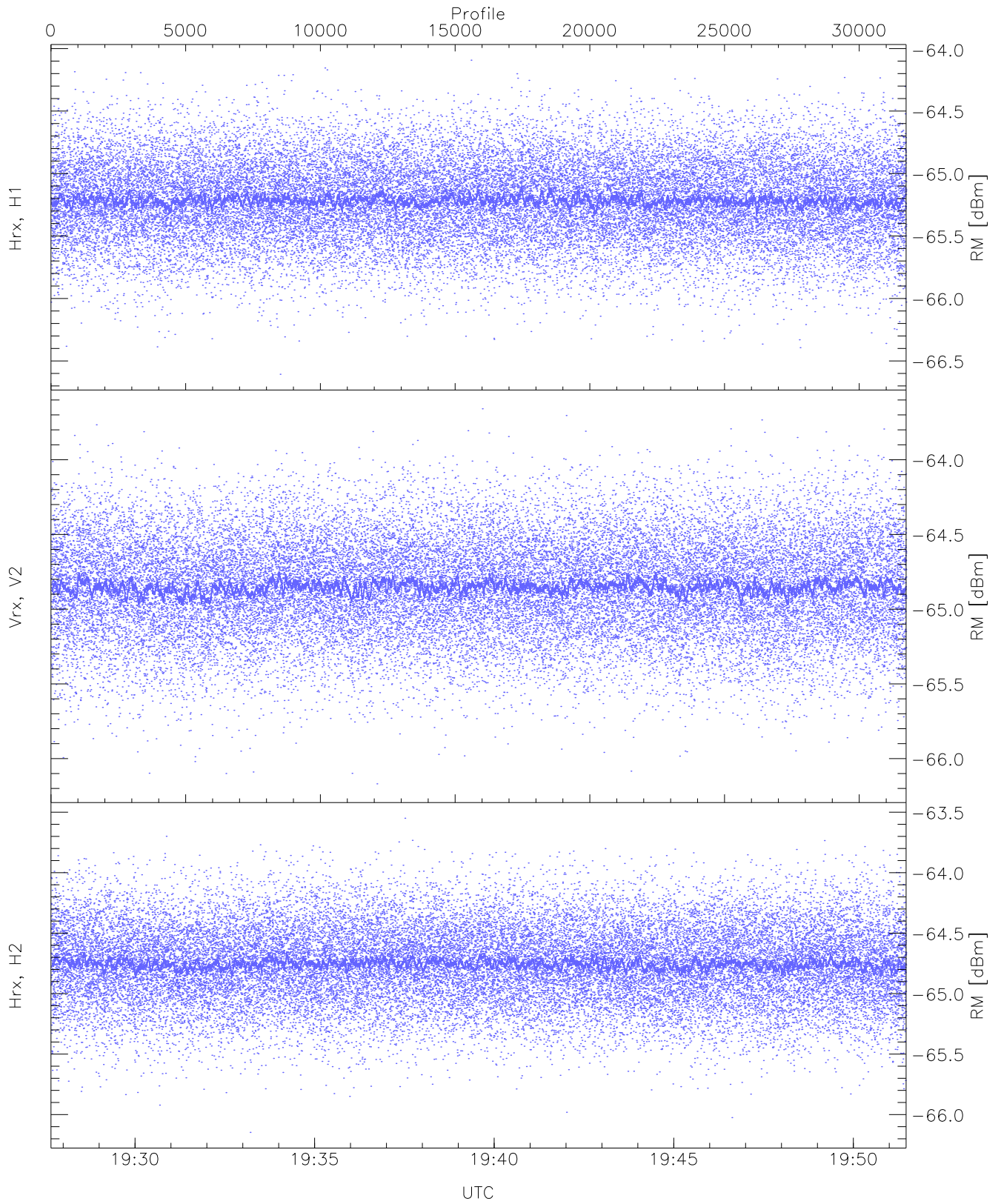
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.24	-63.63	-64.73	-64.74	-76.24
Vrx, V2 (WL [dBm])	-66.03	-63.61	-64.81	-64.82	-76.32
Hrx, H2 (WL [dBm])	-65.98	-63.56	-64.73	-64.74	-76.22



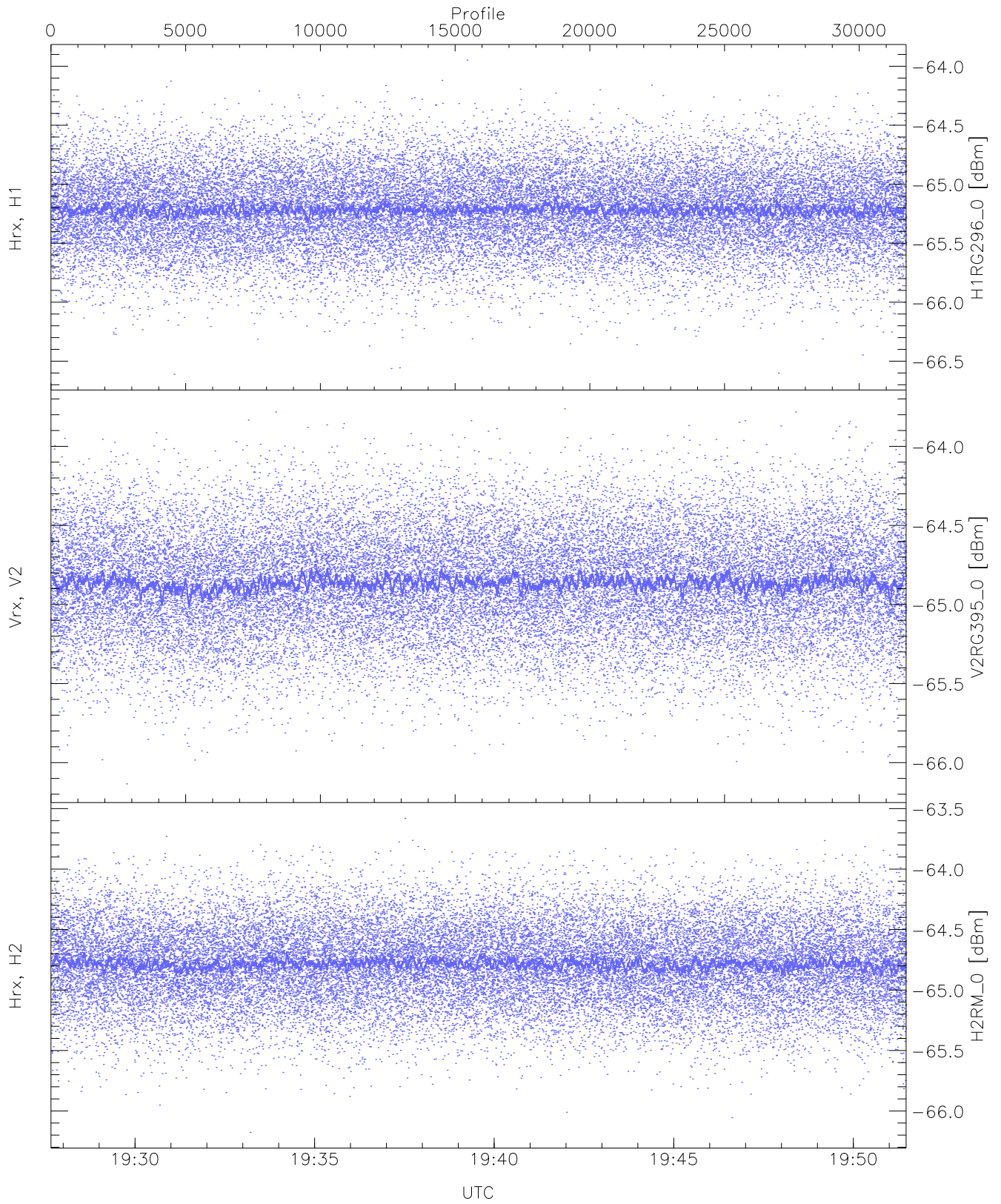
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.97	-63.29	-64.55	-64.55	-76.06
Vrx, V2 (HL [dBm])	-66.11	-63.43	-64.63	-64.64	-76.12
Hrx, H2 (HL [dBm])	-65.77	-63.29	-64.55	-64.56	-76.07



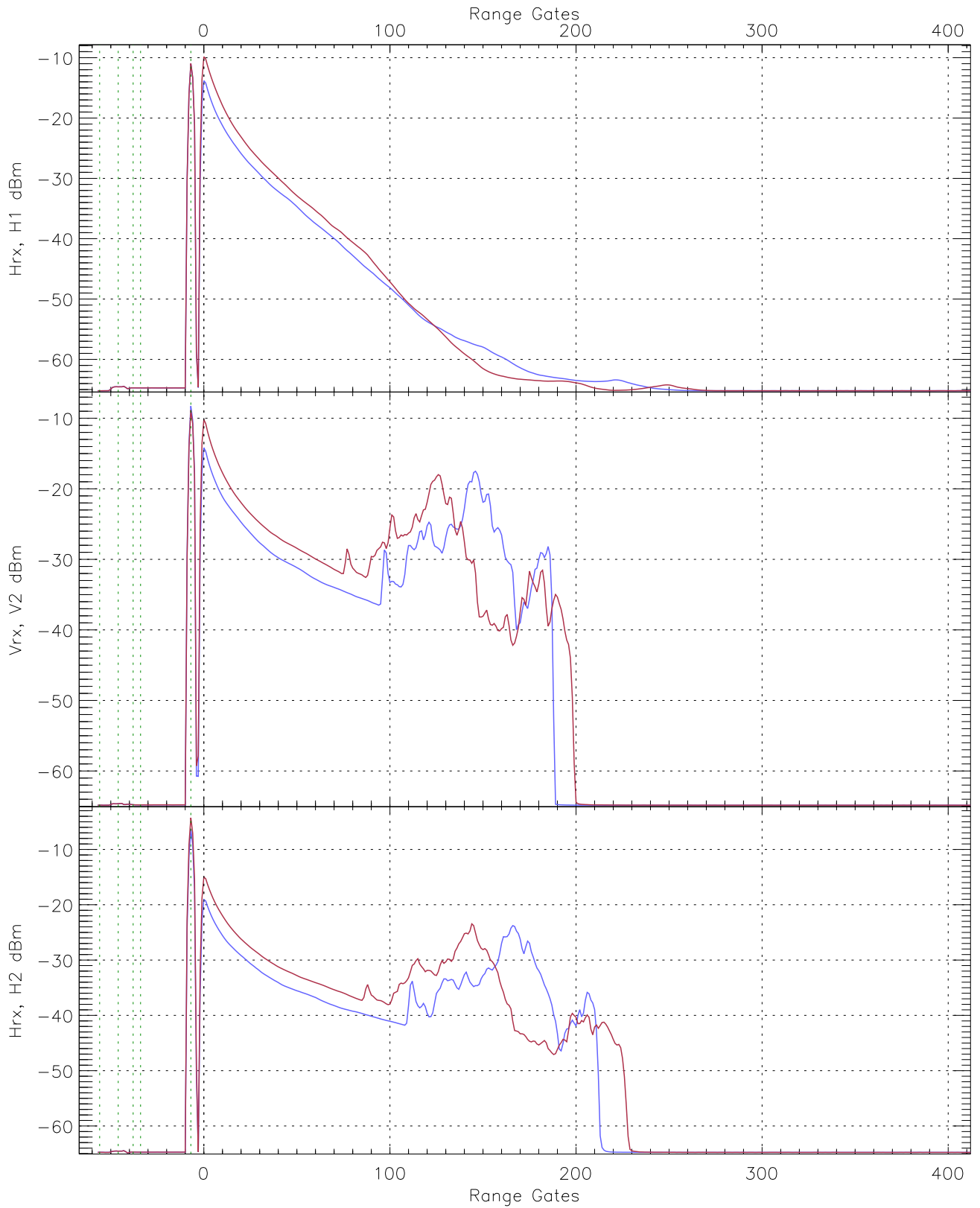
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.61	-64.09	-65.21	-65.22	-76.71
Vrx, V2 (RM [dBm])	-66.17	-63.66	-64.84	-64.85	-76.31
Hrx, H2 (RM [dBm])	-66.15	-63.55	-64.75	-64.76	-76.25

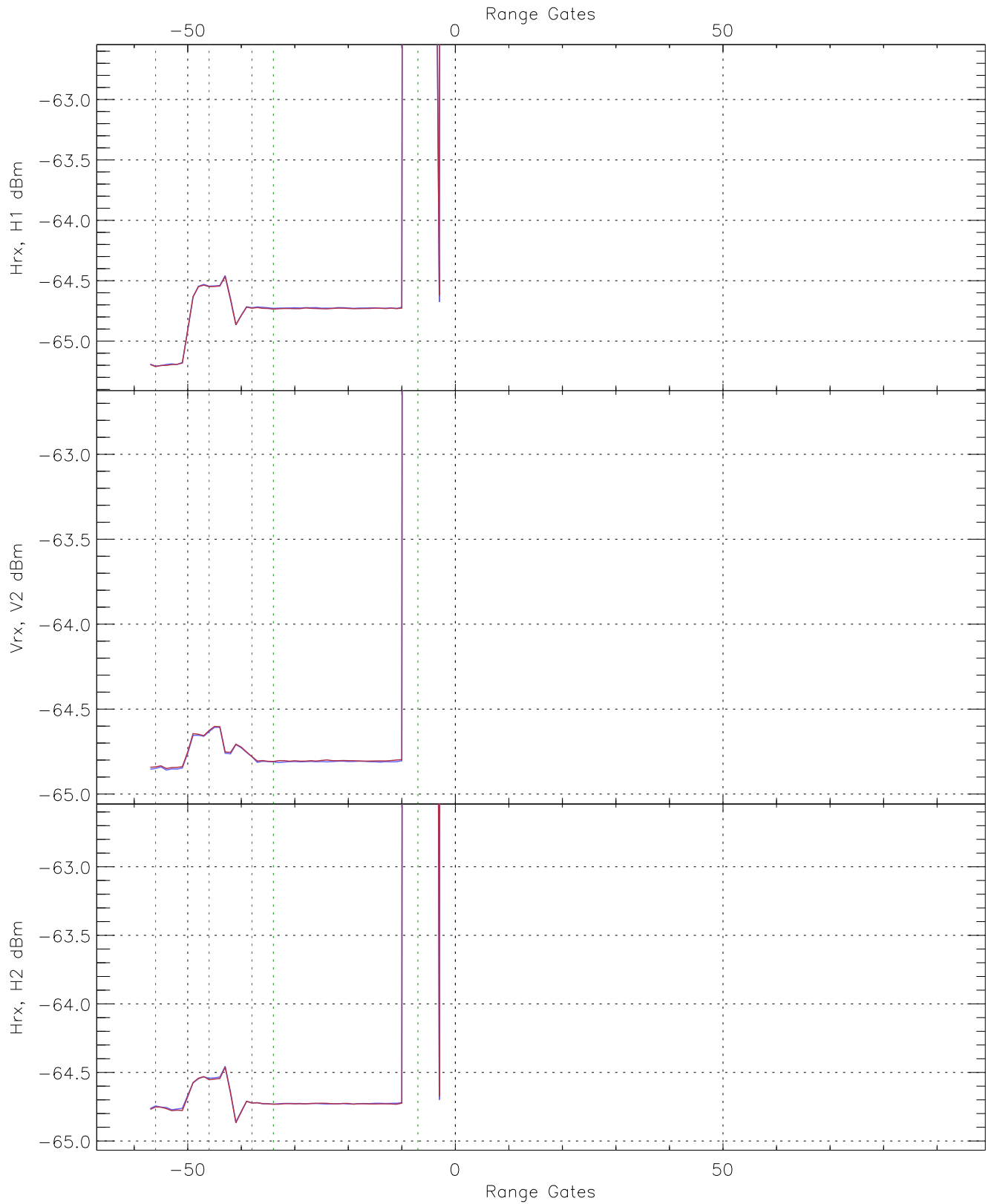


WCR3 CPP "Best" estimate Receivers Noise Power

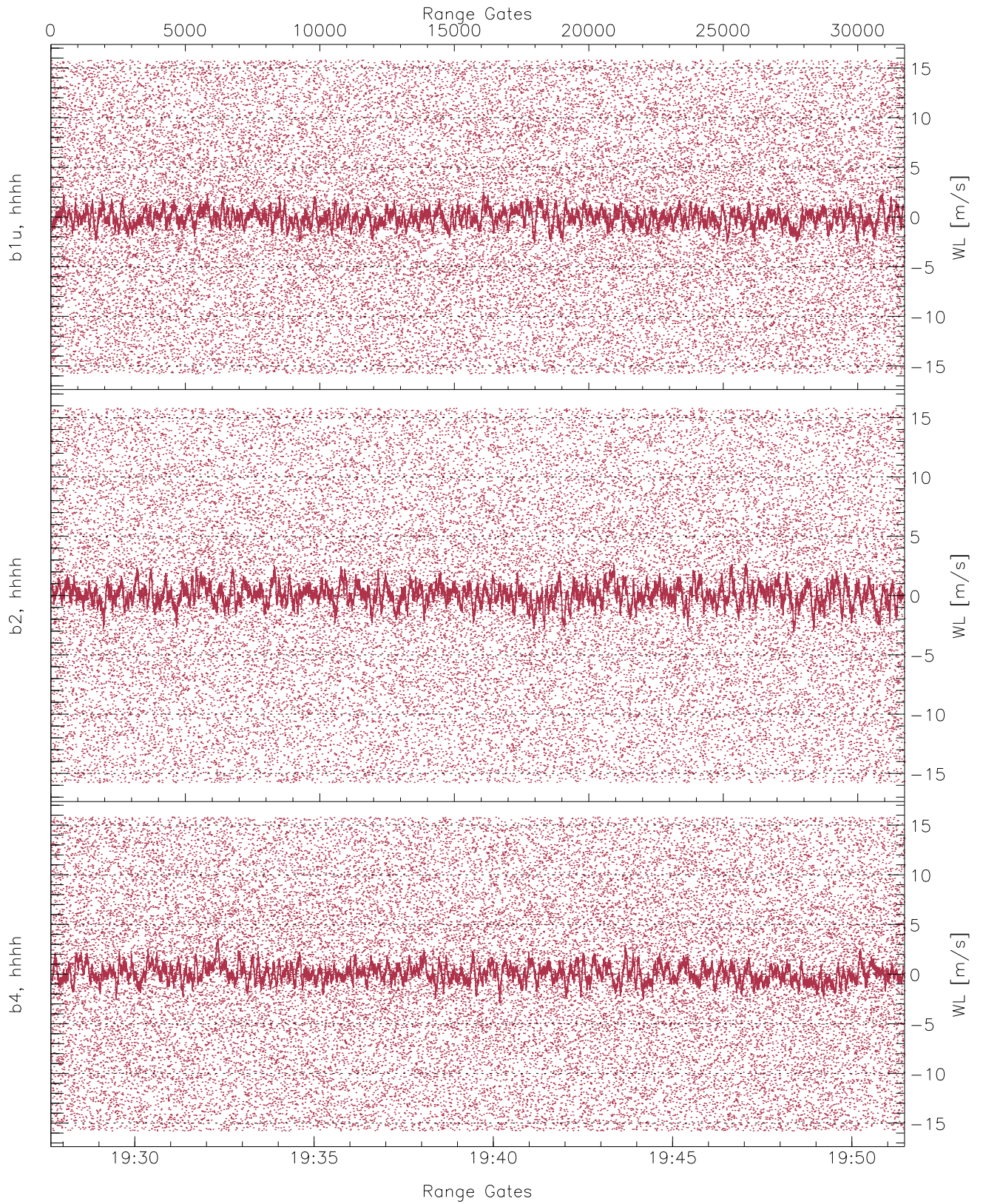
	Min	Max	Mean	Median	StDev
H1RG296_0 [dBm]	-66.61	-63.95	-65.21	-65.22	-76.68
V2RG395_0 [dBm]	-66.13	-63.76	-64.86	-64.86	-76.34
H2RM_0 [dBm]	-66.18	-63.58	-64.78	-64.79	-76.28



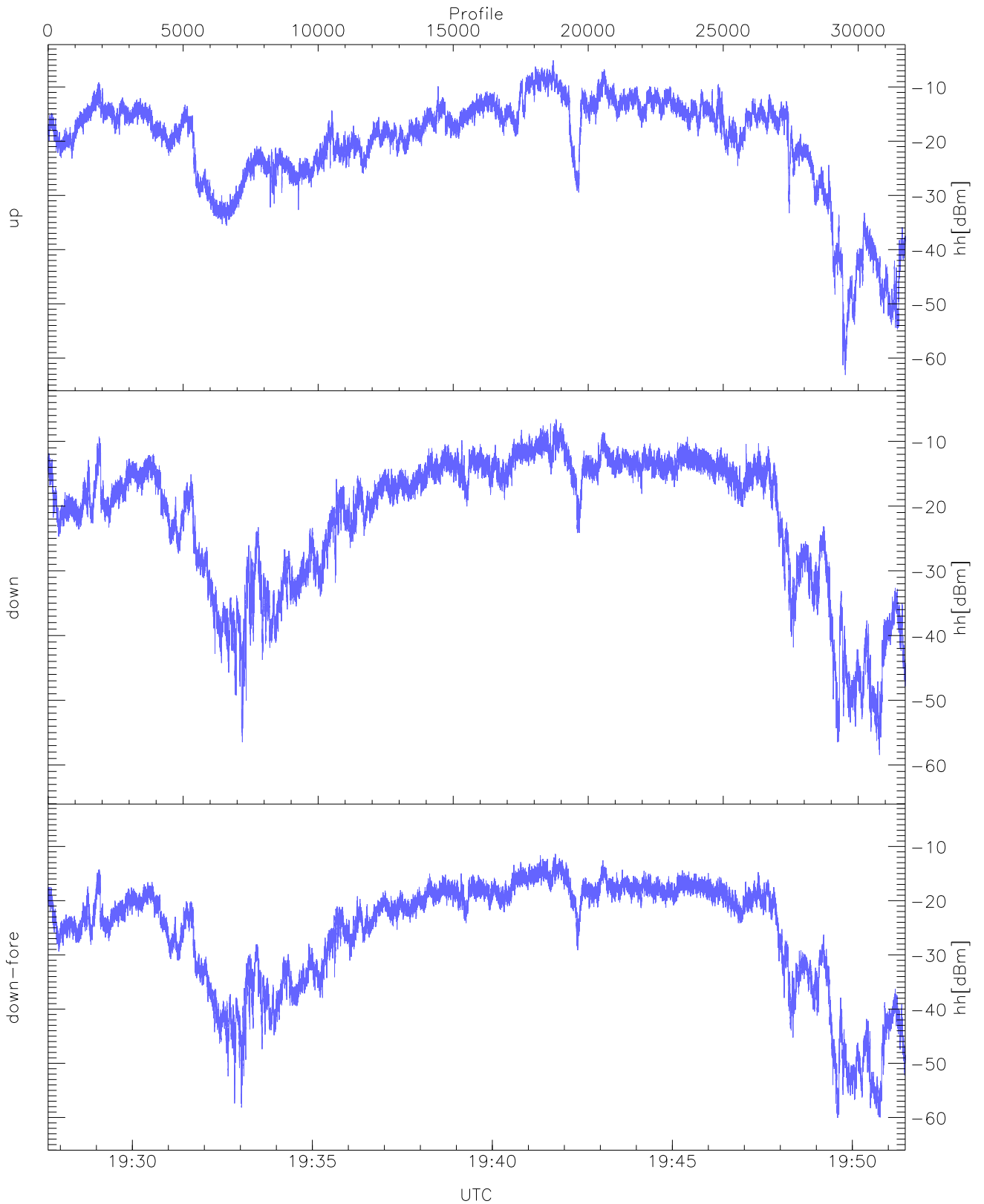
WCR3 CPP Averaged Received power for all recorded gates
blue: 192740-193934, 15871 profiles averaged
red: 193934-195128, 15871 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 192740-193934, 15871 profiles averaged
red: 193934-195128, 15871 profiles averaged

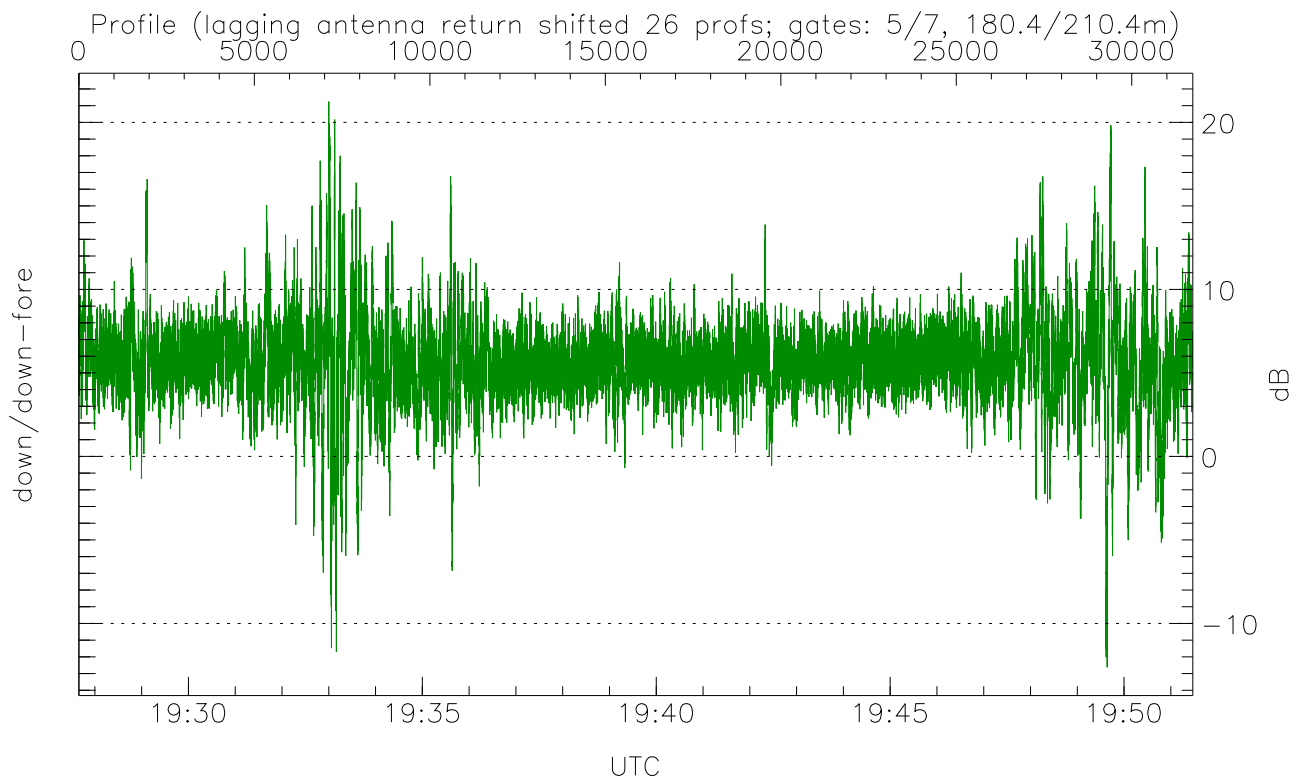
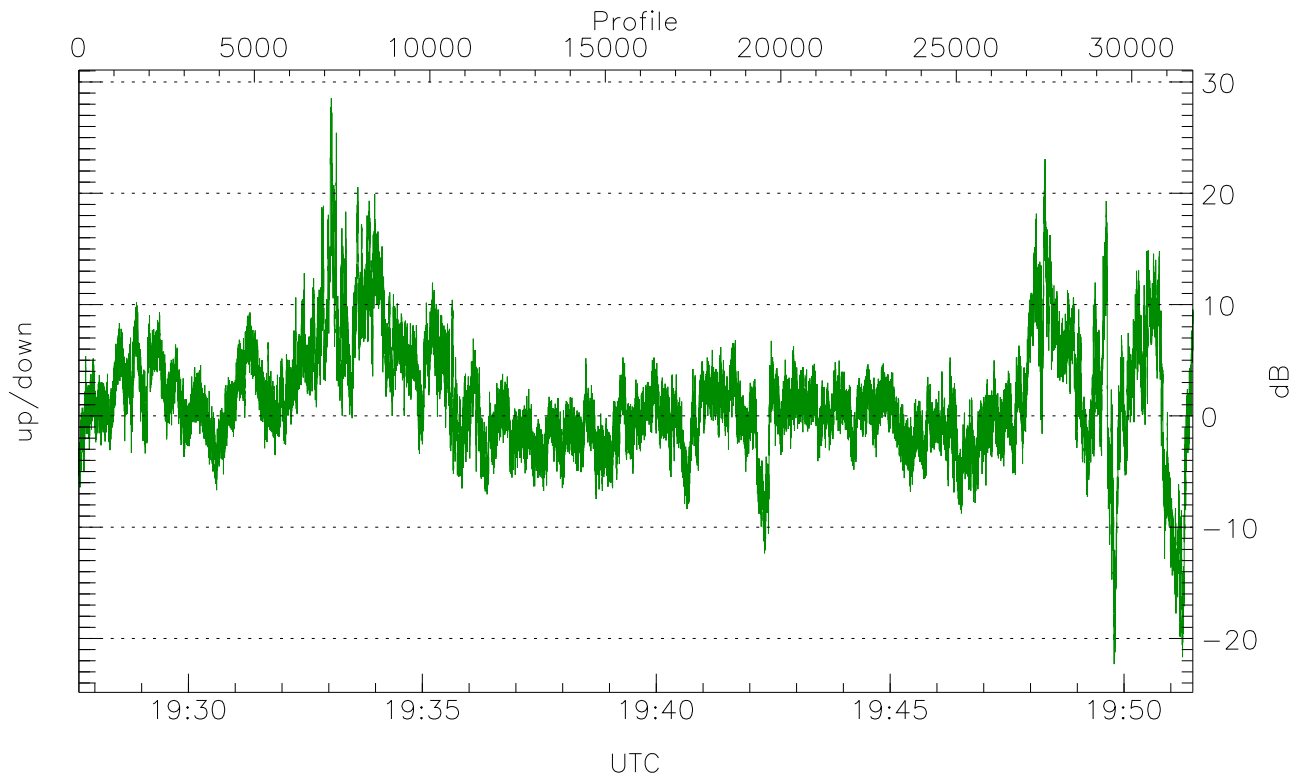


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



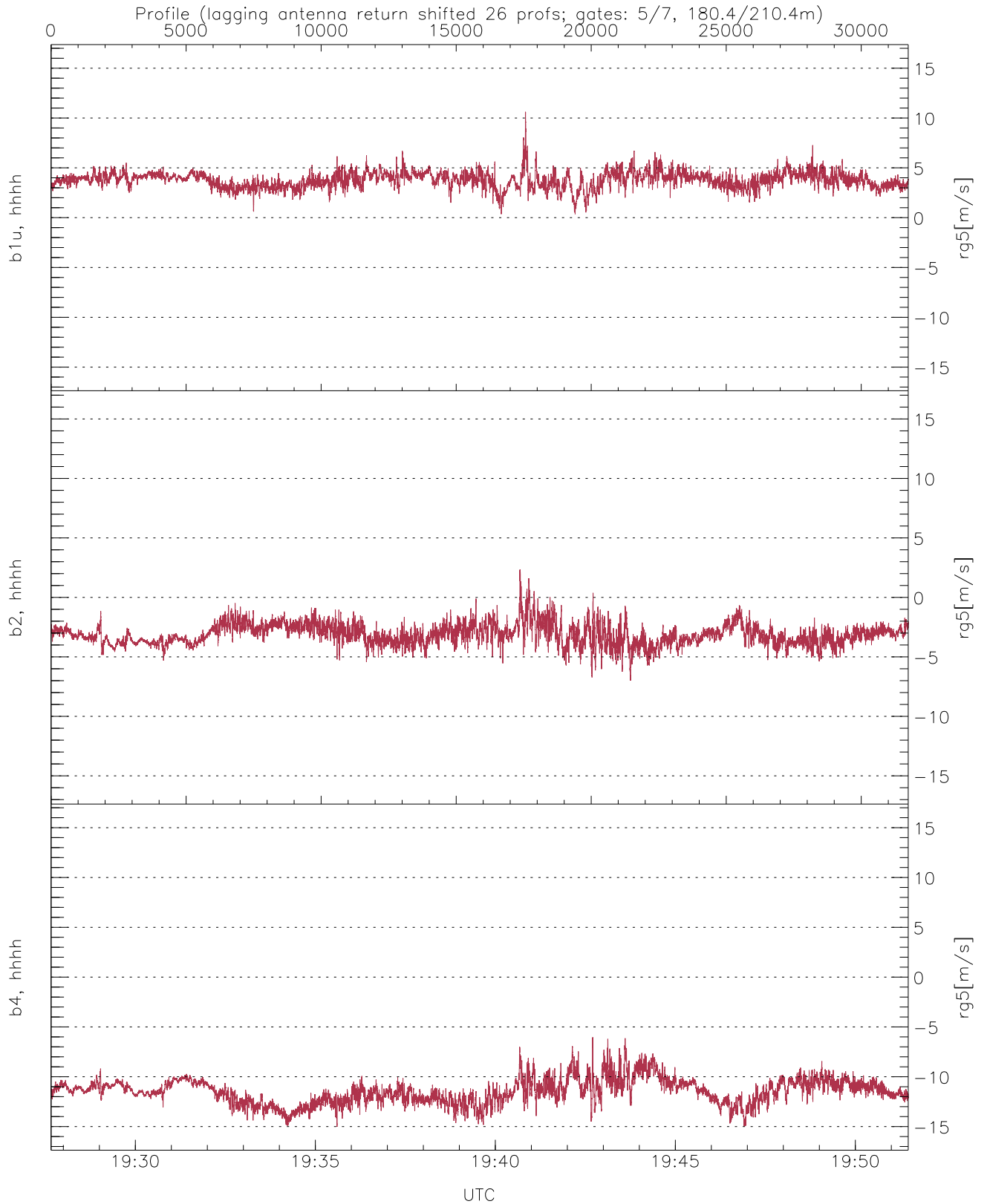
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-63.13	-5.08	-15.66
down(hh[dBm])	-58.46	-6.57	-15.98
down-fore(hh[dBm])	-60.07	-11.39	-20.38



WCR3 Beam pairs Received Power Ratio(s); RangeGate: 5 (180 m)

	Min	Max	Mean
up/down (dB)	-22.30	28.53	1.41
down/down-fore (dB)	-12.62	21.25	5.69



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	0.35	10.62	3.78	0.80
b2, hhhh(rg5[m/s])	-7.00	2.35	-3.13	0.86
b4, hhhh(rg5[m/s])	-15.02	-6.03	-11.48	1.25