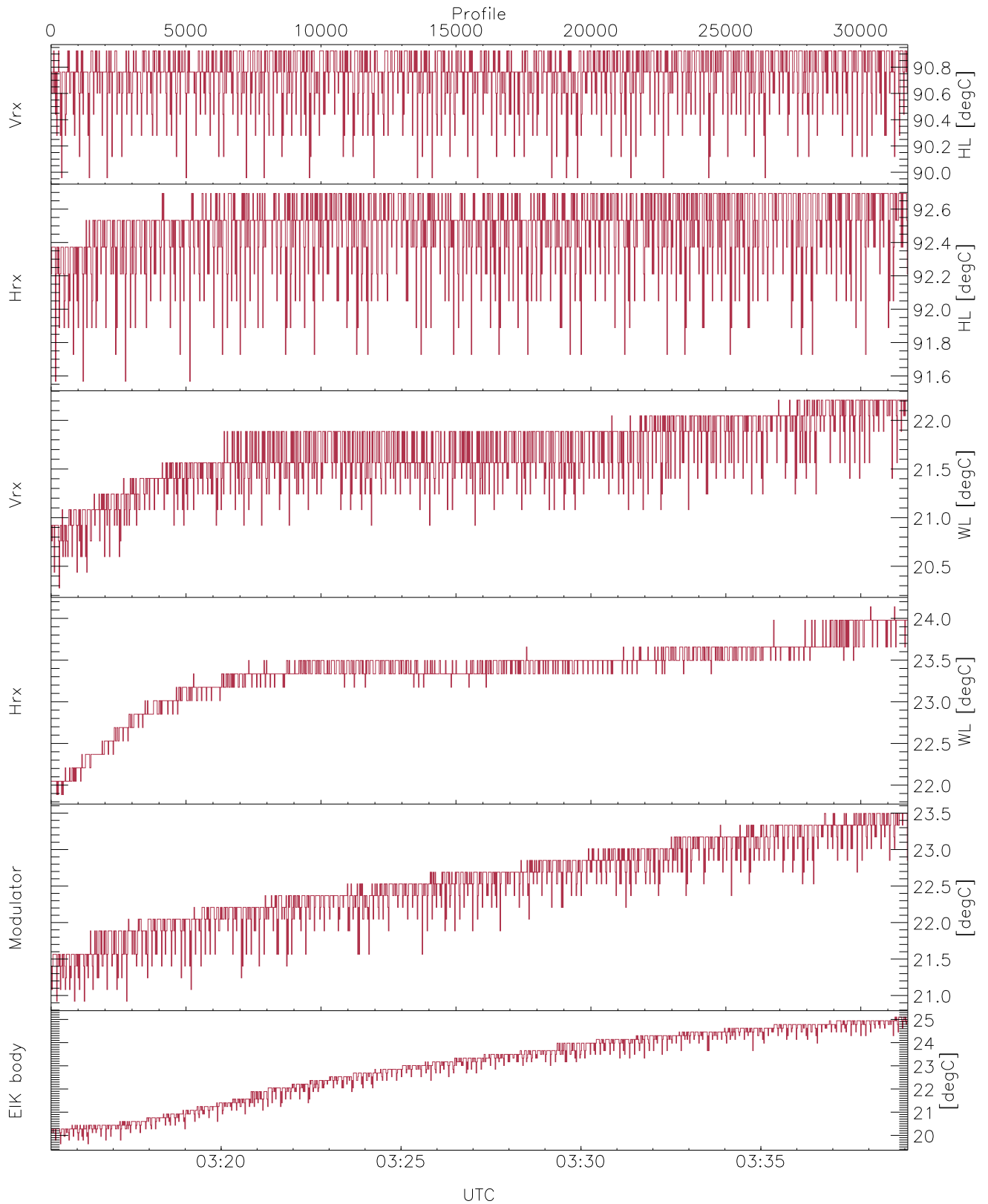


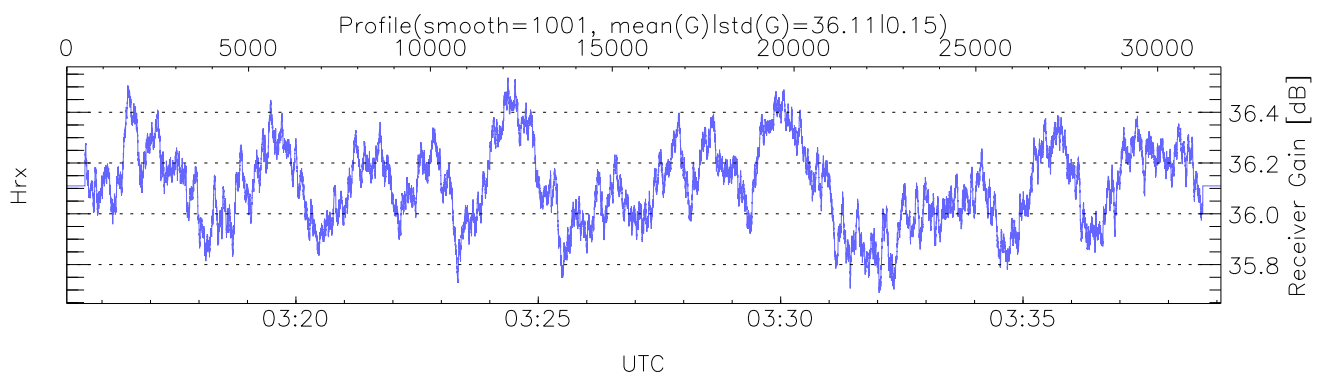
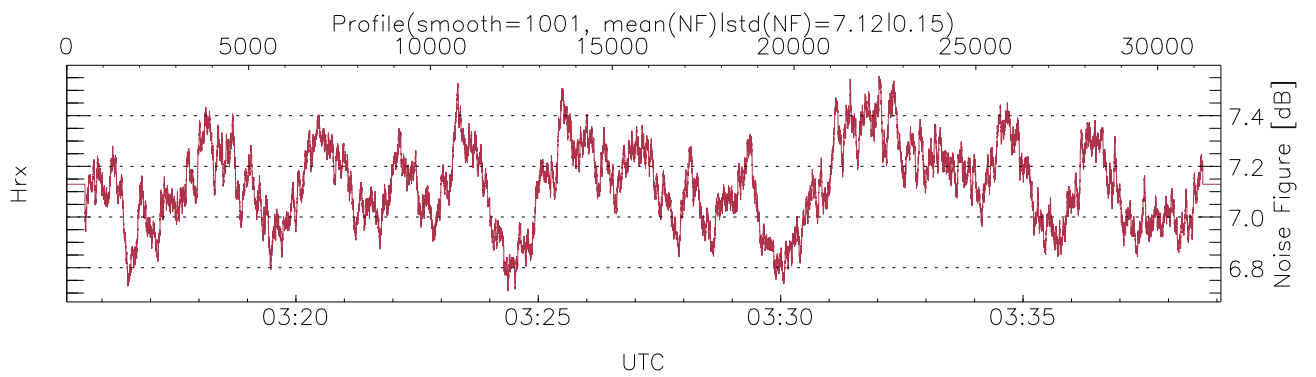
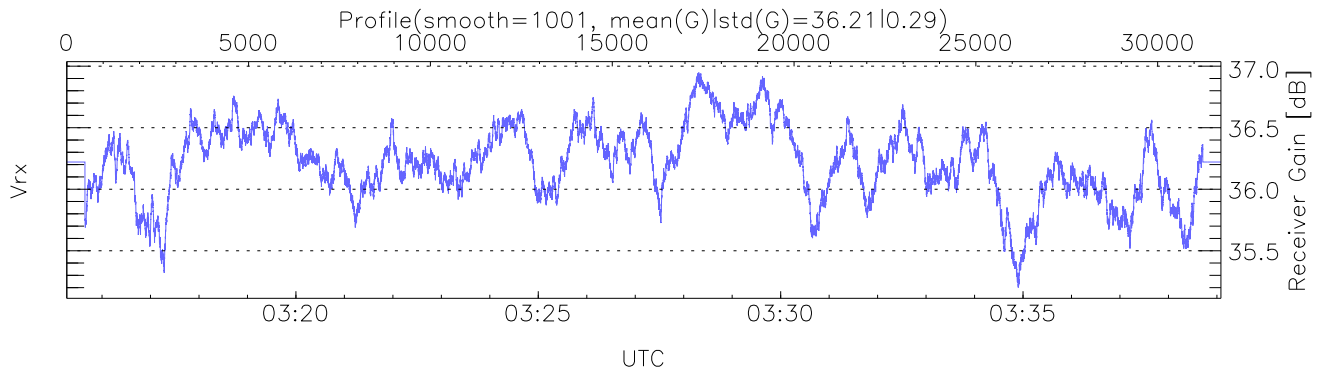
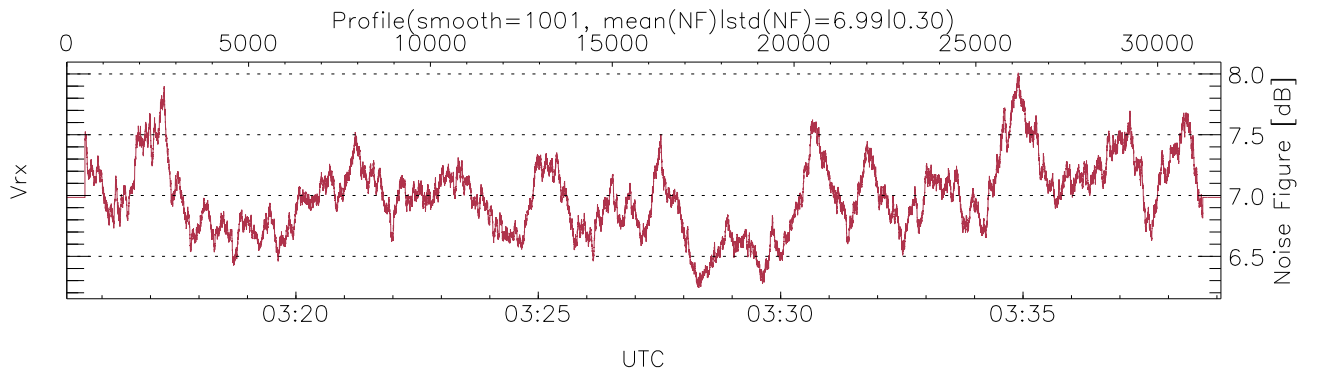
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 03:15:16-03:39:05, 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, 0-31740/03:15:16-03:39:05  
 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,rgs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7  
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



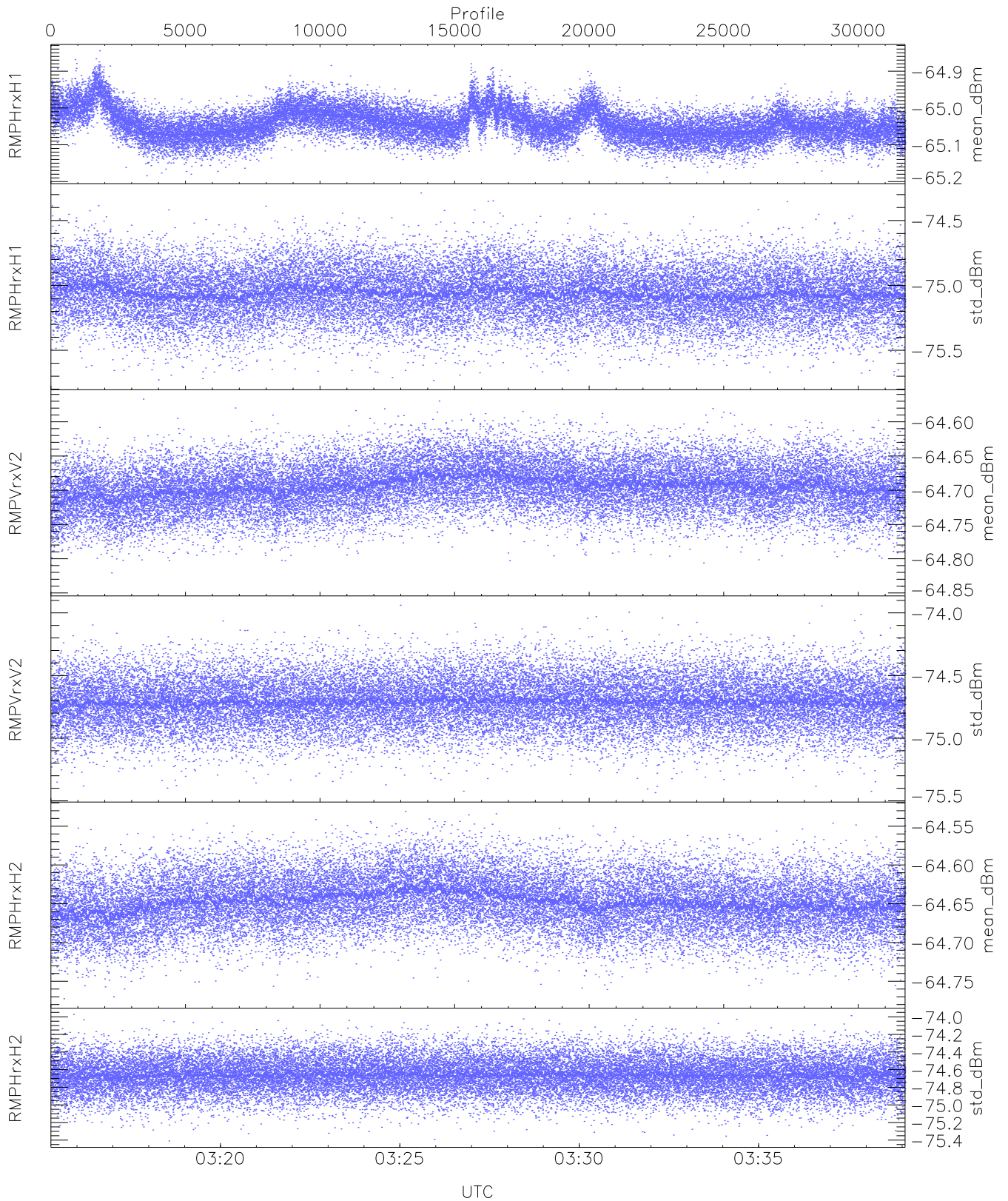
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

```
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 89,91,20,21,20,19  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,22,24,23,25  
LOalarm(20,240,2817,14861 MHz): 0,0,24,0  
EIK Faults(# prof affected):  
DeckT,CollT,BodyCurr,Fault2,DeckF,OverDuty,HVPS,Fault1 (44,44,44,44,66,44,44,22)
```



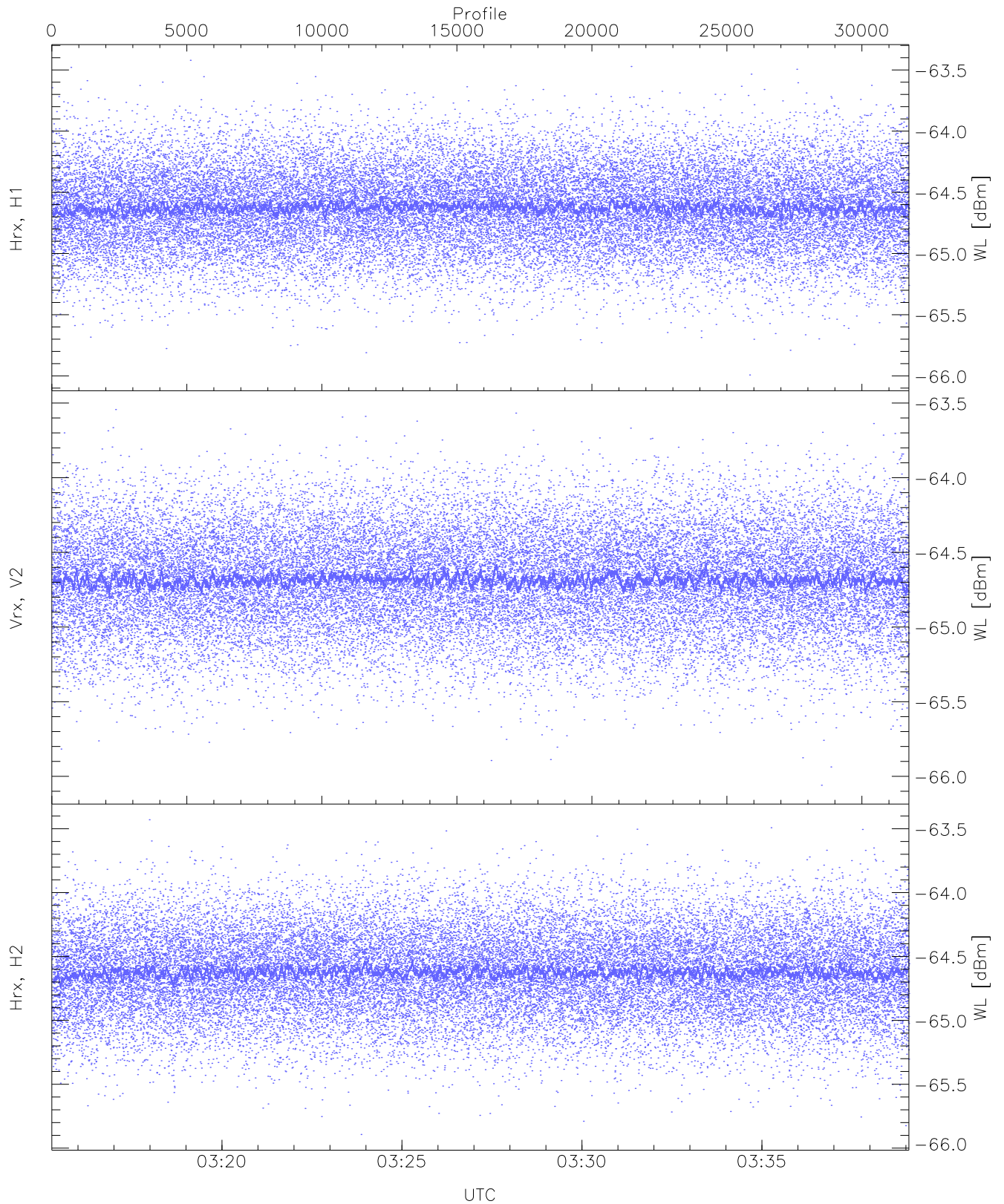
### WCR3 CPP Receivers Gain and Noise Figure

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



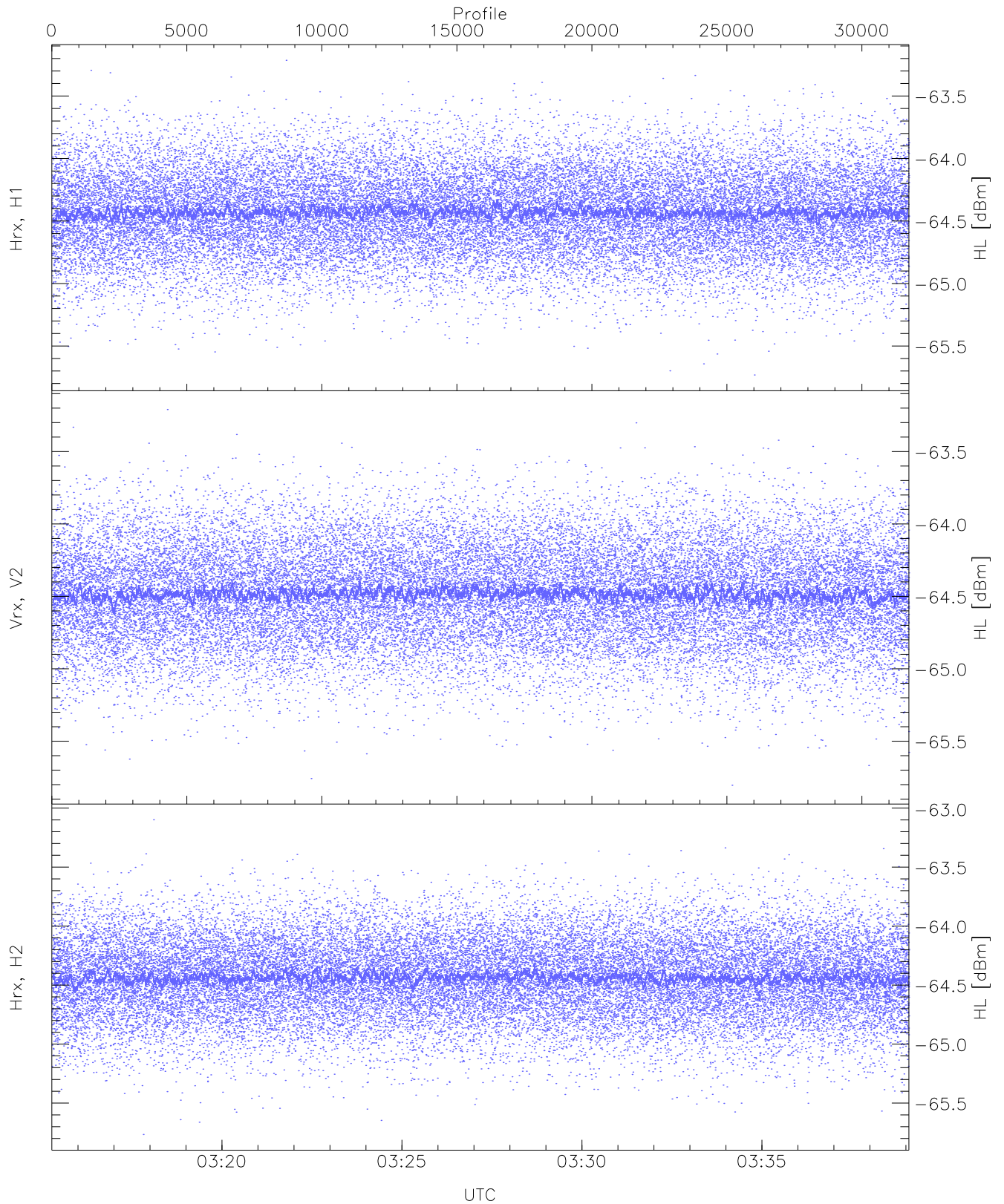
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.19	-64.84	-65.04	-65.04	-85.28
RMPHrxH1(std_dBm)	-75.73	-74.29	-75.06	-75.06	-88.81
RMPVrxV2(mean_dBm)	-64.84	-64.57	-64.69	-64.69	-86.01
RMPVrxV2(std_dBm)	-75.44	-73.94	-74.71	-74.71	-88.50
RMPHrxH2(mean_dBm)	-64.77	-64.53	-64.65	-64.65	-86.05
RMPHrxH2(std_dBm)	-75.41	-73.97	-74.66	-74.66	-88.44



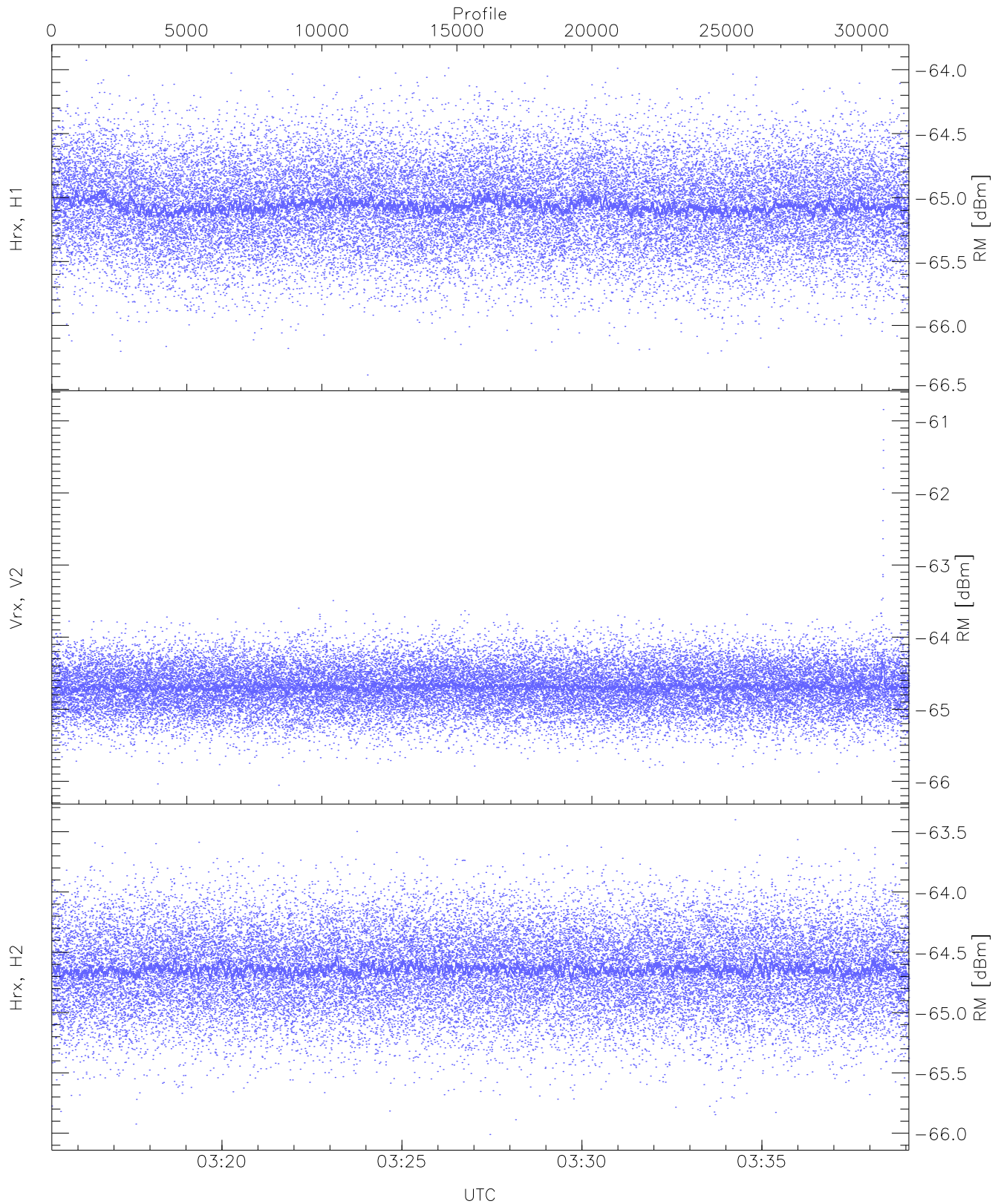
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.99	-63.42	-64.62	-64.63	-76.14
Vrx, V2 (WL [dBm])	-66.06	-63.54	-64.68	-64.68	-76.18
Hrx, H2 (WL [dBm])	-65.89	-63.43	-64.62	-64.62	-76.13



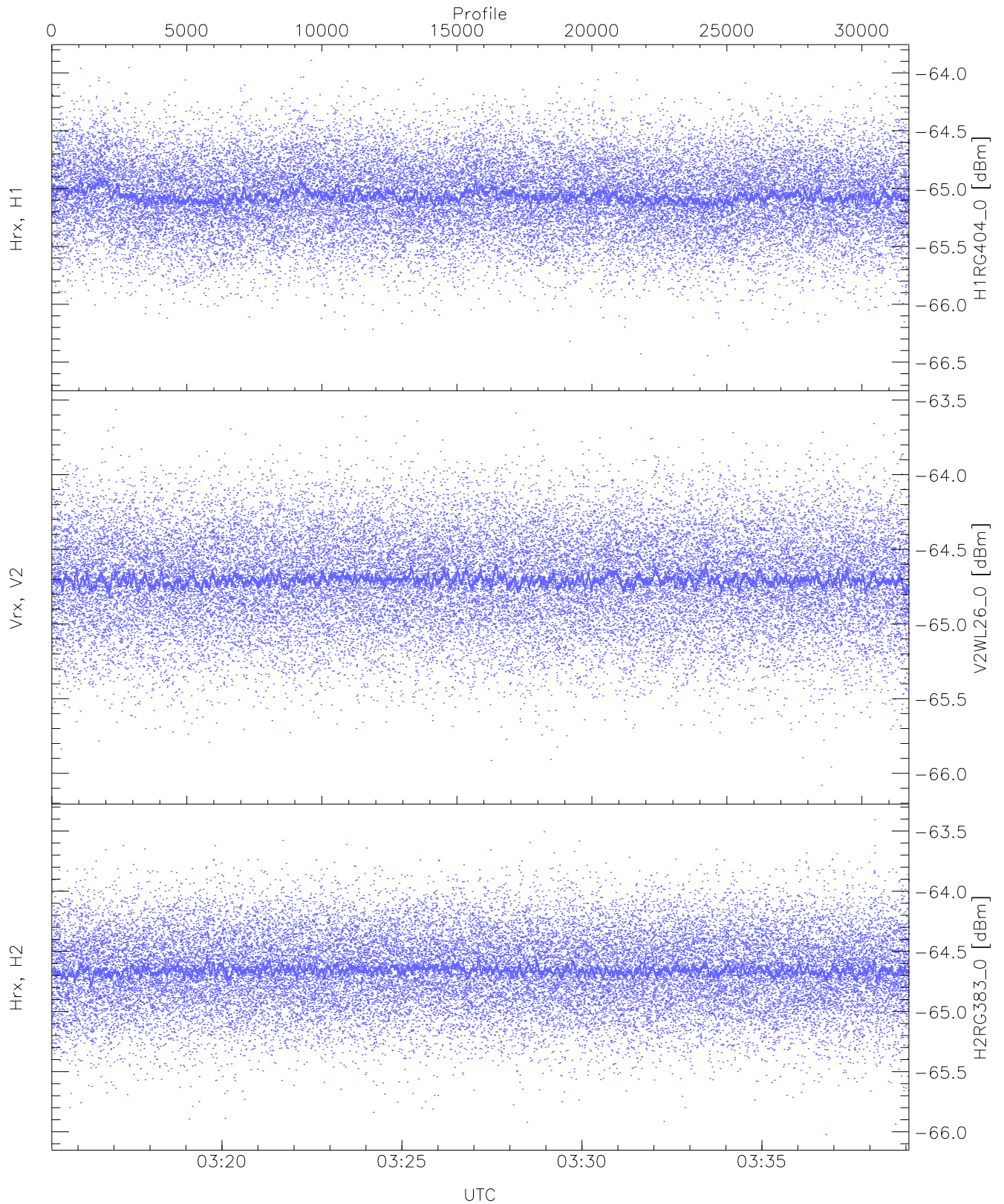
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.73	-63.21	-64.43	-64.43	-75.93
Vrx, V2 (HL [dBm])	-65.80	-63.21	-64.48	-64.49	-75.97
Hrx, H2 (HL [dBm])	-65.77	-63.10	-64.43	-64.44	-75.94



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

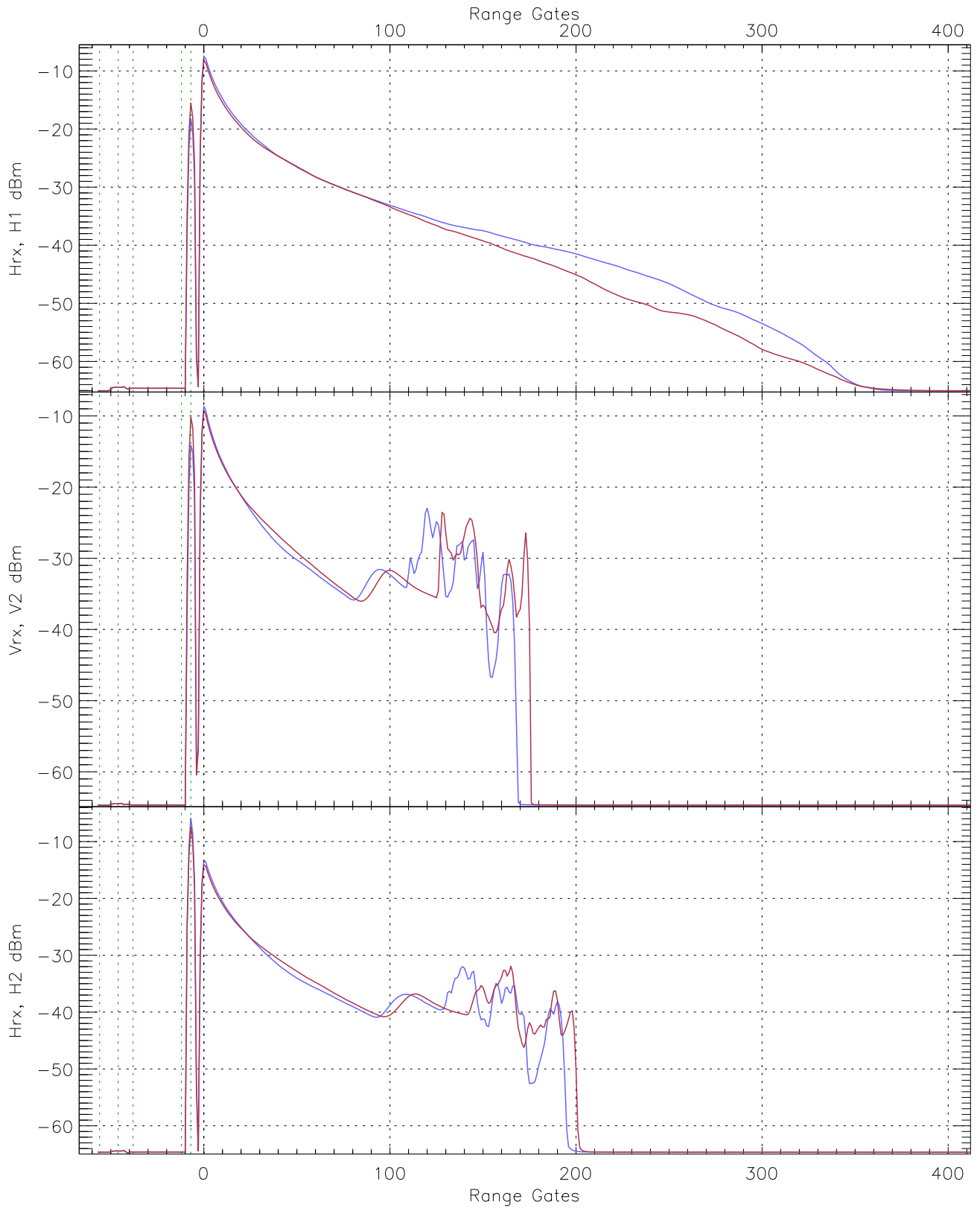
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.39	-63.93	-65.06	-65.07	-76.58
Vrx, V2 (RM [dBm])	-66.05	-60.84	-64.69	-64.69	-76.09
Hrx, H2 (RM [dBm])	-66.01	-63.40	-64.64	-64.64	-76.16



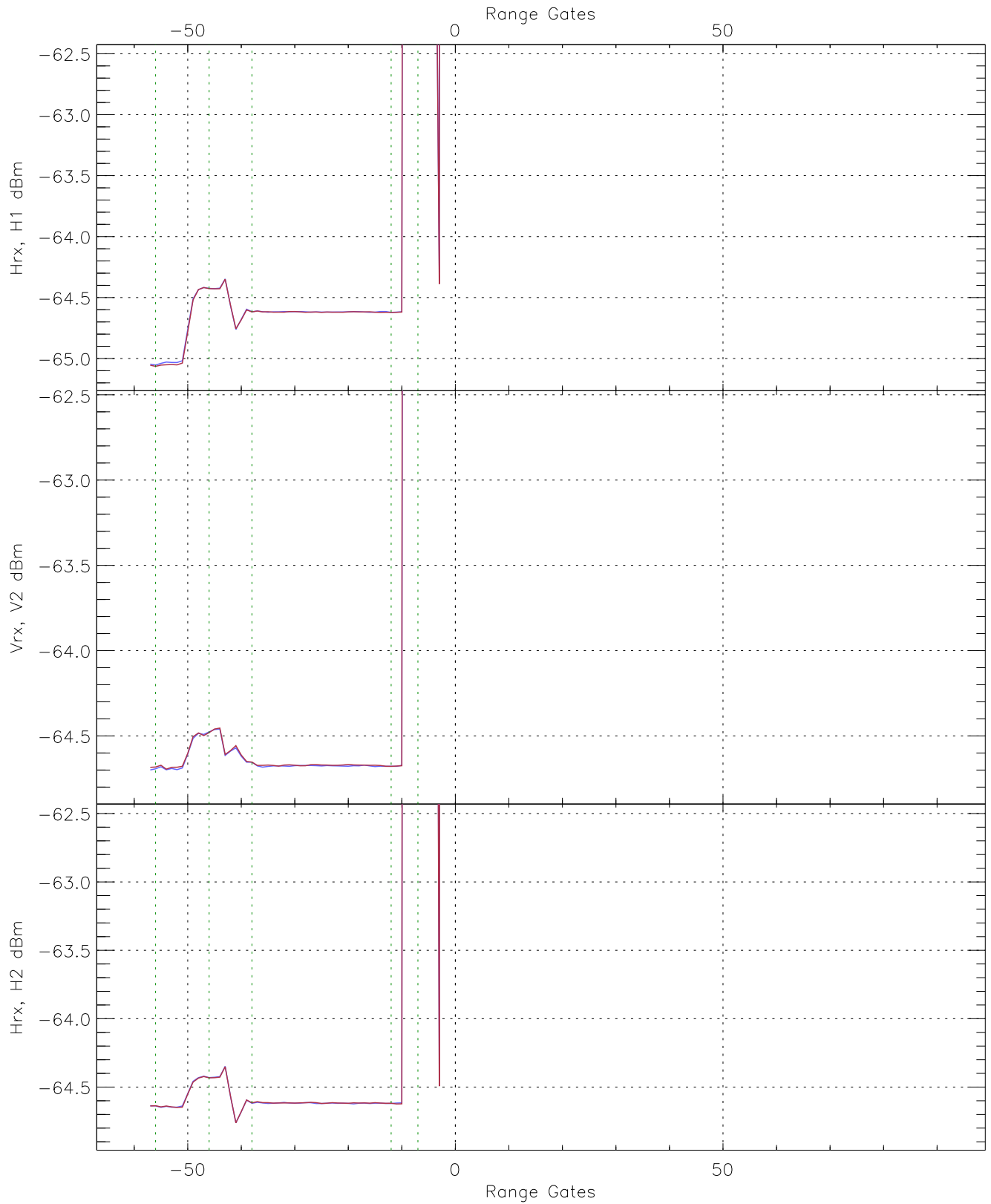
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG404_0 [dBm]	-66.61	-63.89	-65.06	-65.07	-76.50
V2WL26_0 [dBm]	-66.08	-63.56	-64.70	-64.70	-76.21
H2RG383_0 [dBm]	-66.02	-63.41	-64.65	-64.66	-76.14

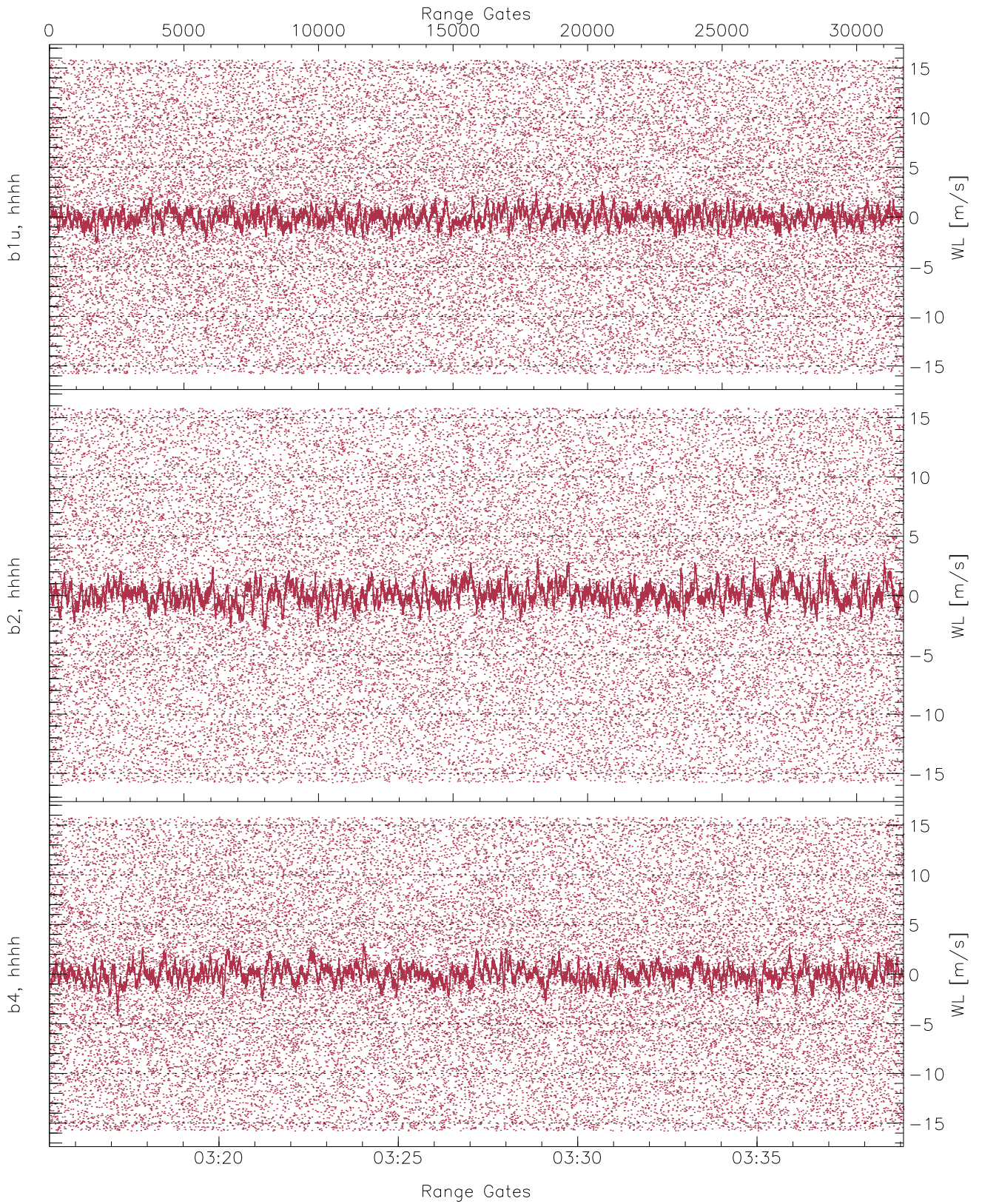




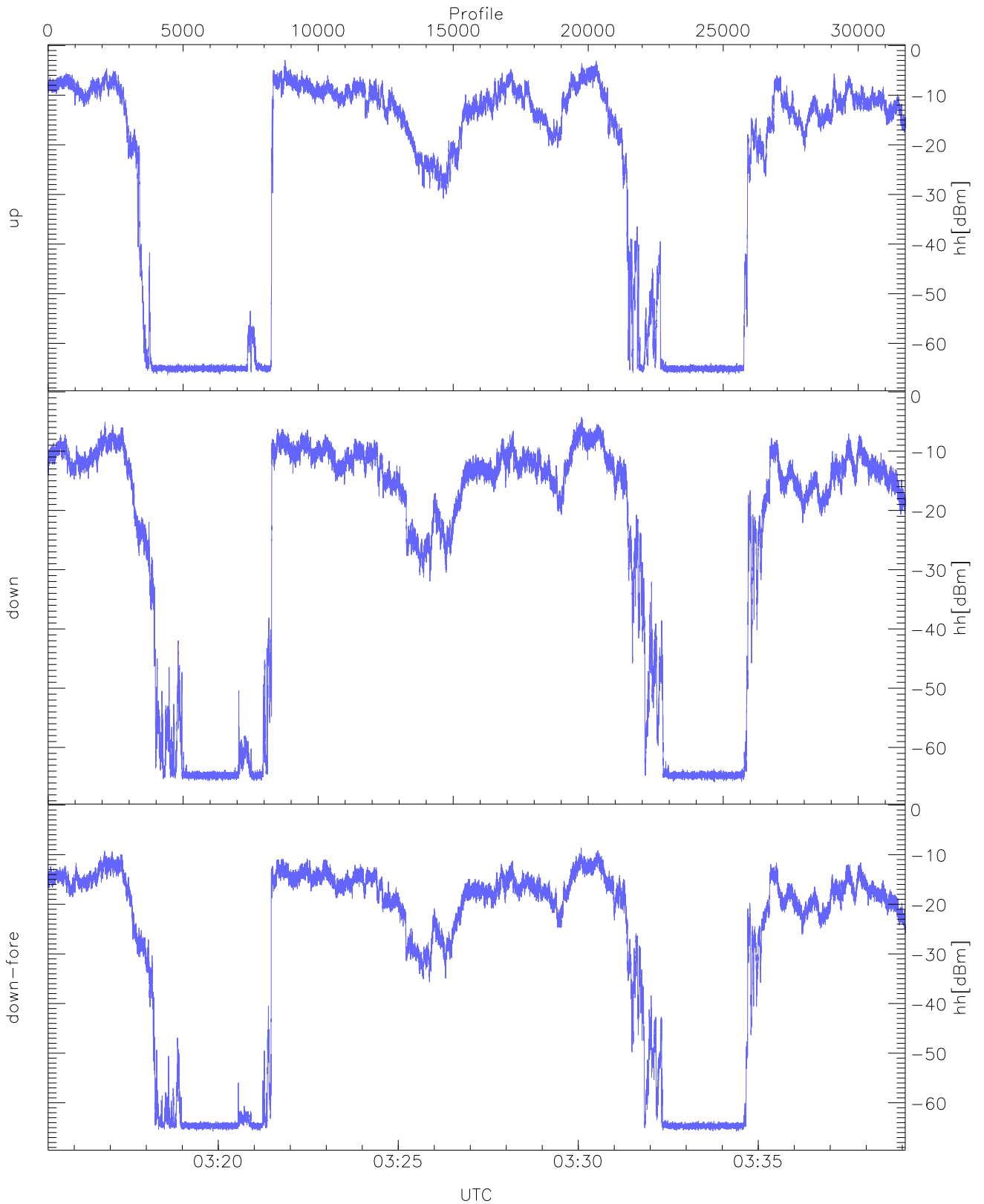
WCR3 CPP Averaged Received power for all recorded gates  
blue: 031516-032711, 15871 profiles averaged  
red: 032711-033905, 15871 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 031516-032711, 15871 profiles averaged  
red: 032711-033905, 15871 profiles averaged

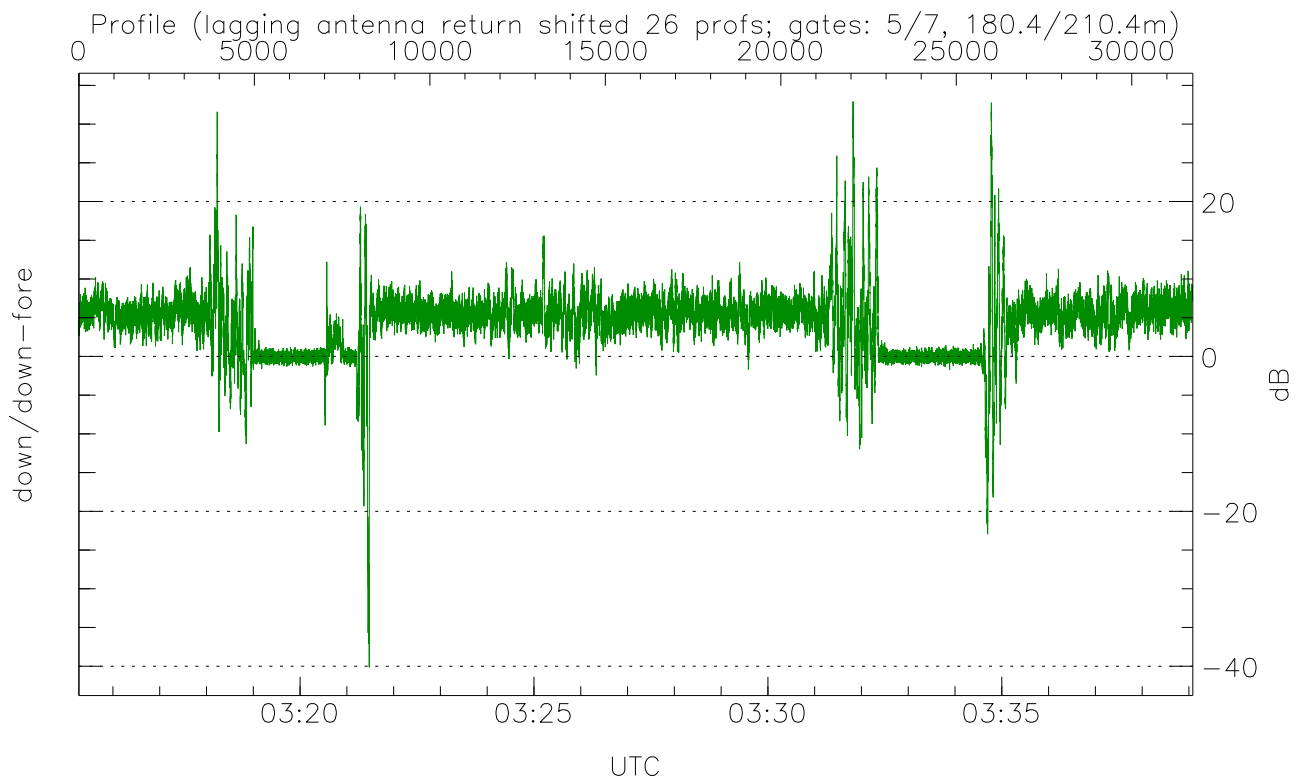
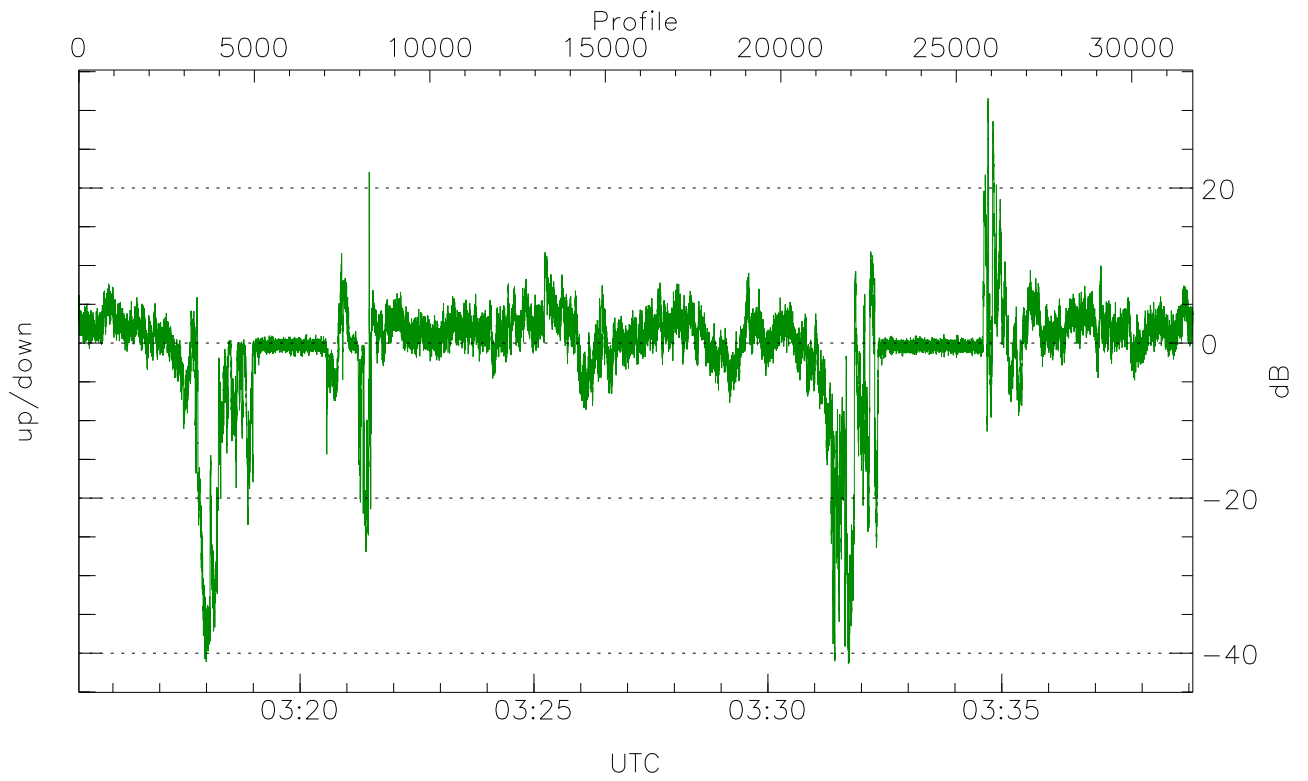


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



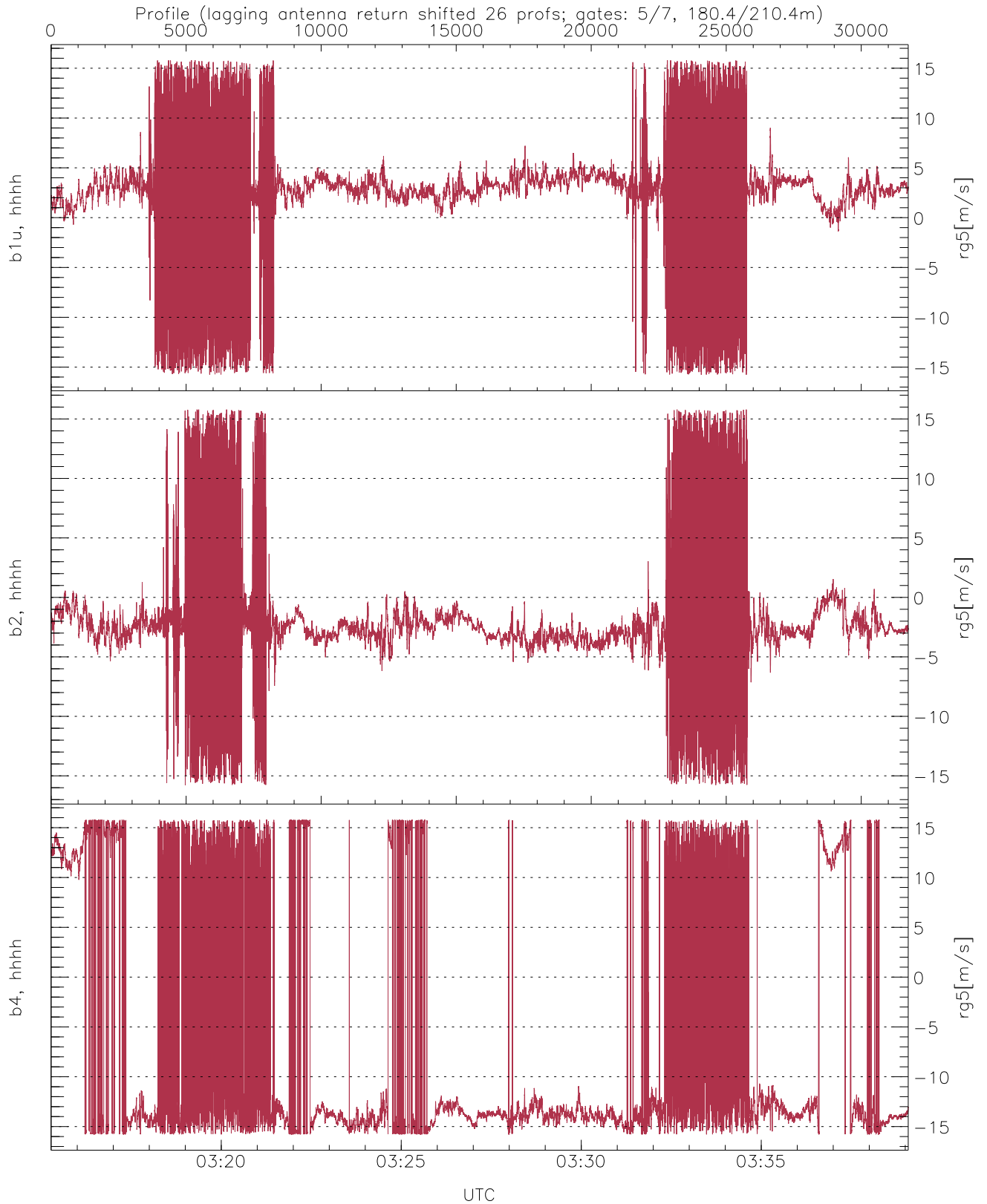
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.38	-2.97	-11.91
down(hh[dBm])	-65.84	-4.25	-13.33
down-fore(hh[dBm])	-65.77	-8.65	-17.59



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

	Min	Max	Mean
up/down (dB)	-41.40	31.57	-0.65
down/down-fore (dB)	-40.14	32.92	4.38



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.77	15.79	2.28	4.39
b2, hhhh(rg5[m/s])	-15.78	15.79	-2.07	3.82
b4, hhhh(rg5[m/s])	-15.79	15.79	-6.84	11.29