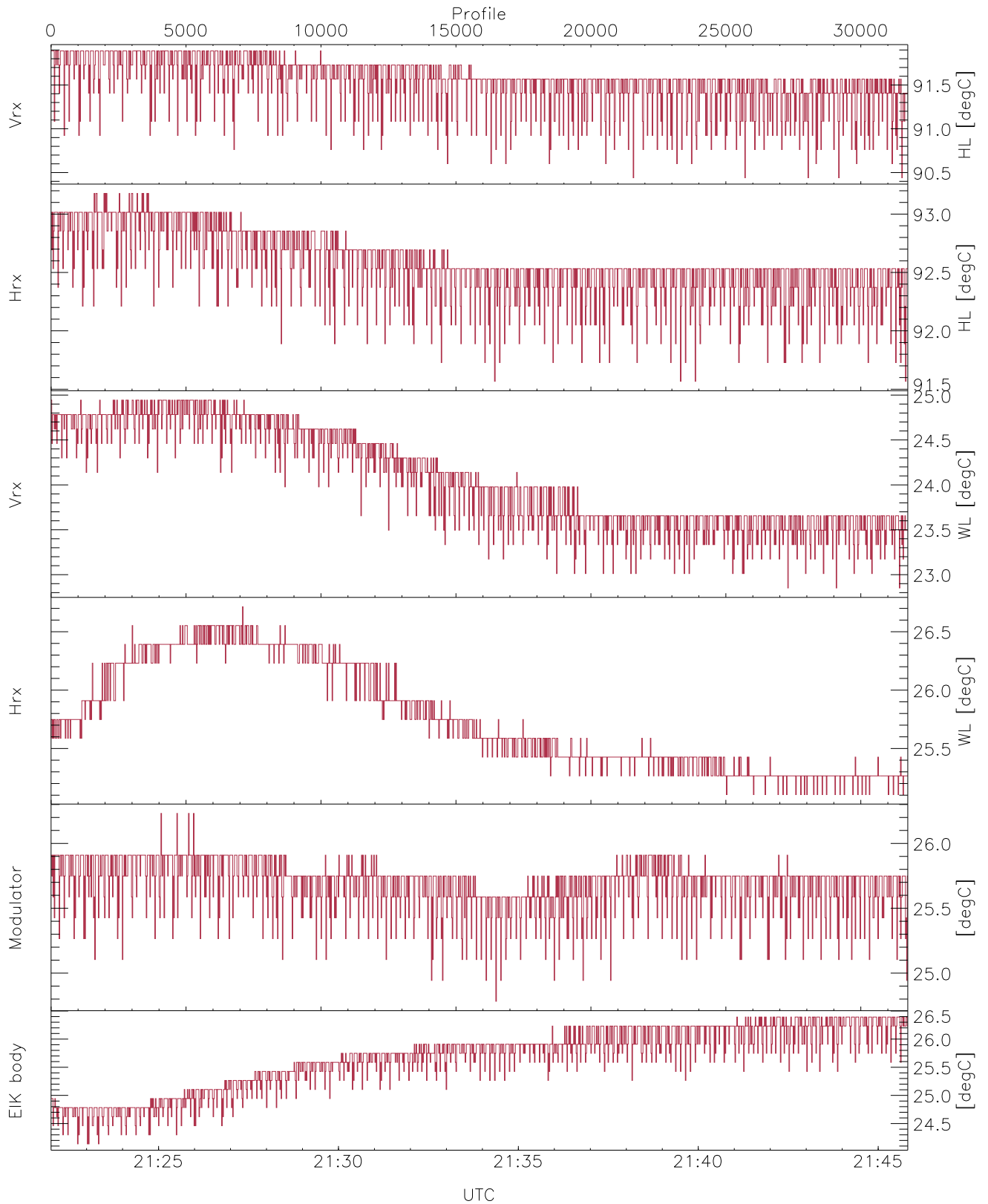


WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

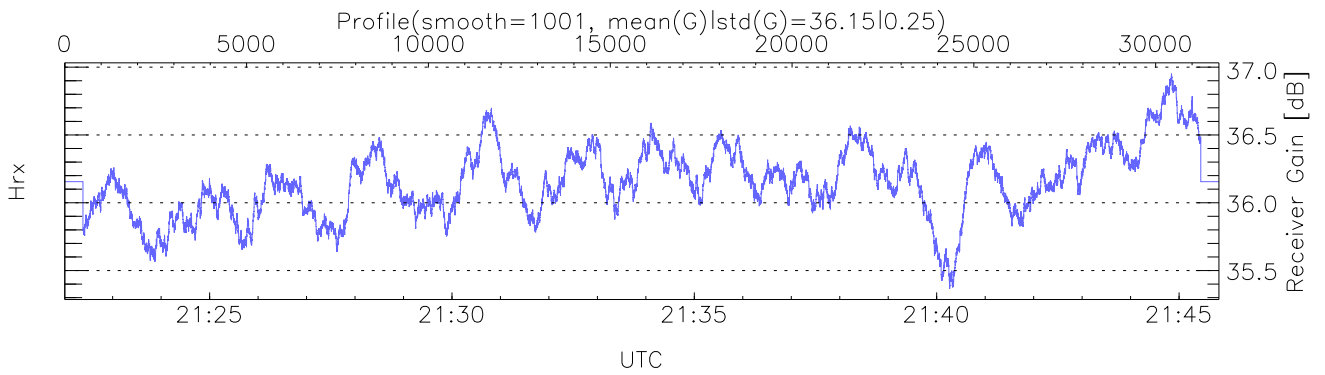
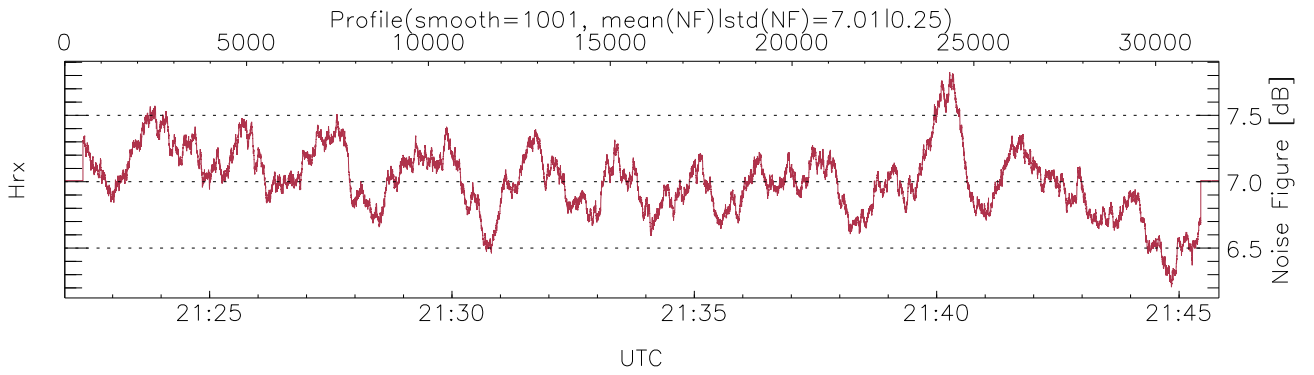
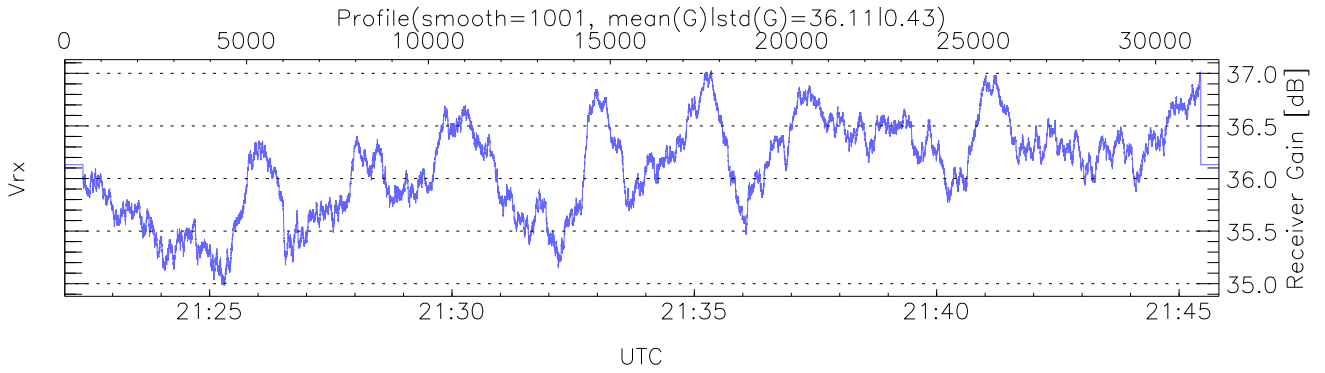
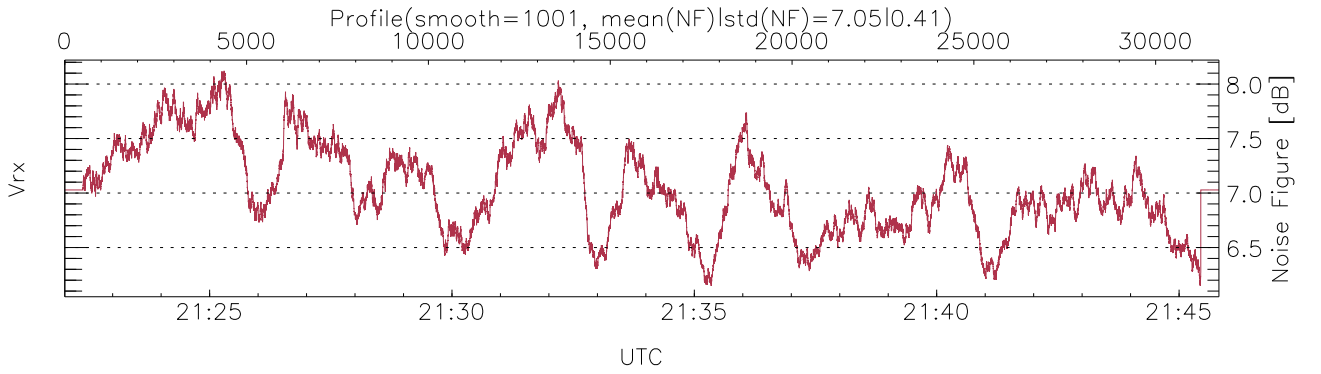
UTC: 21:22:01-21:45:49, TimeCor: 0.00s, Dur: 1428.66s  
 TimeFlg: 1, TFPstatus constant.  
 TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2  
 NumRec(r/t): 31741/31741, 0-31740/21:22:01-21:45:49  
 AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100  
 Pulse: 250ns, 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

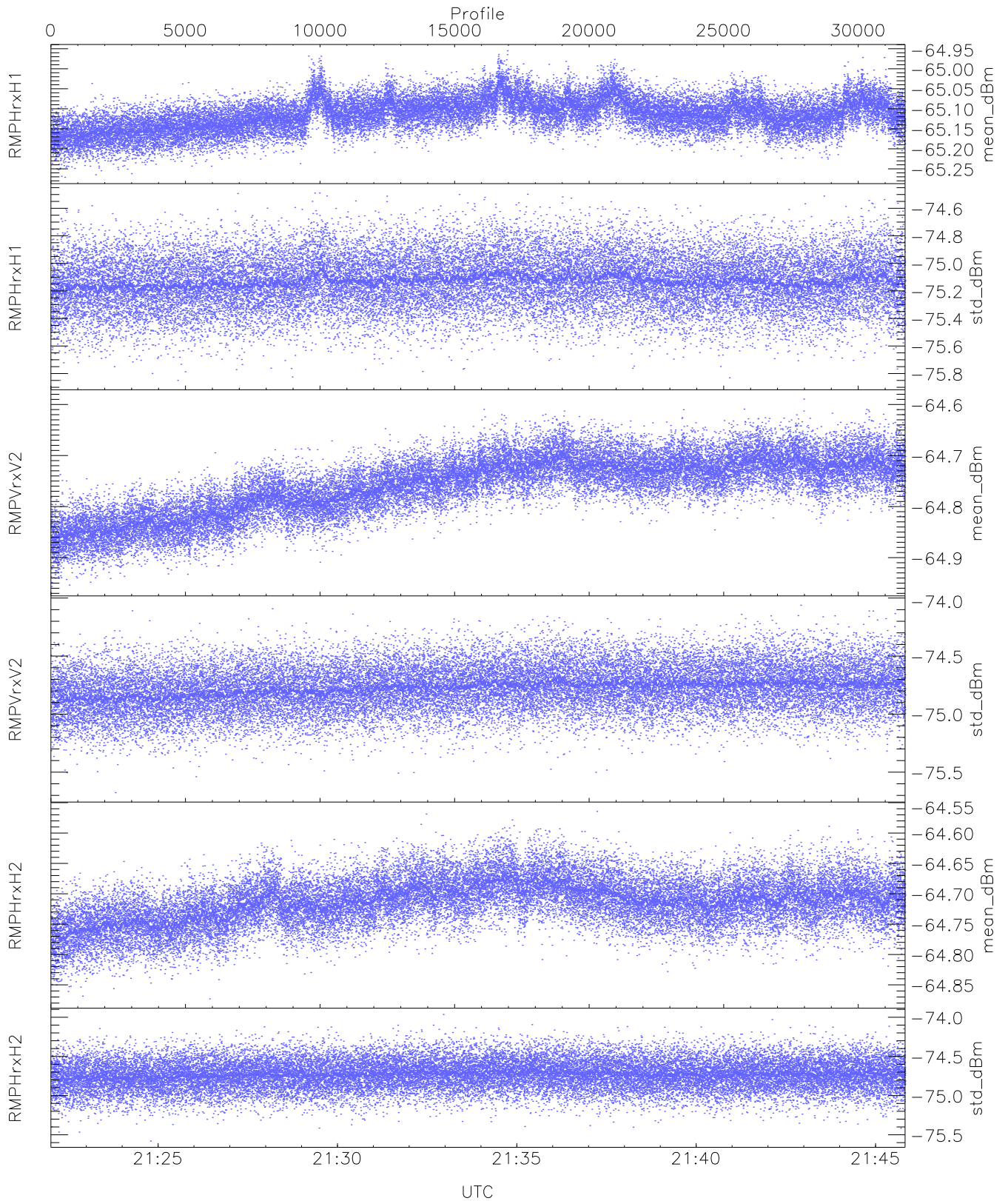
```

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,22,25,24,24
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,24,26,26,26
LOalarm(20,240,2817,14861 MHz): 0,0,92,0
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,Fault2,DeckF,OverDuty,HVPS,Fault1 (46,46,68,24,90,46,46,24)
    
```



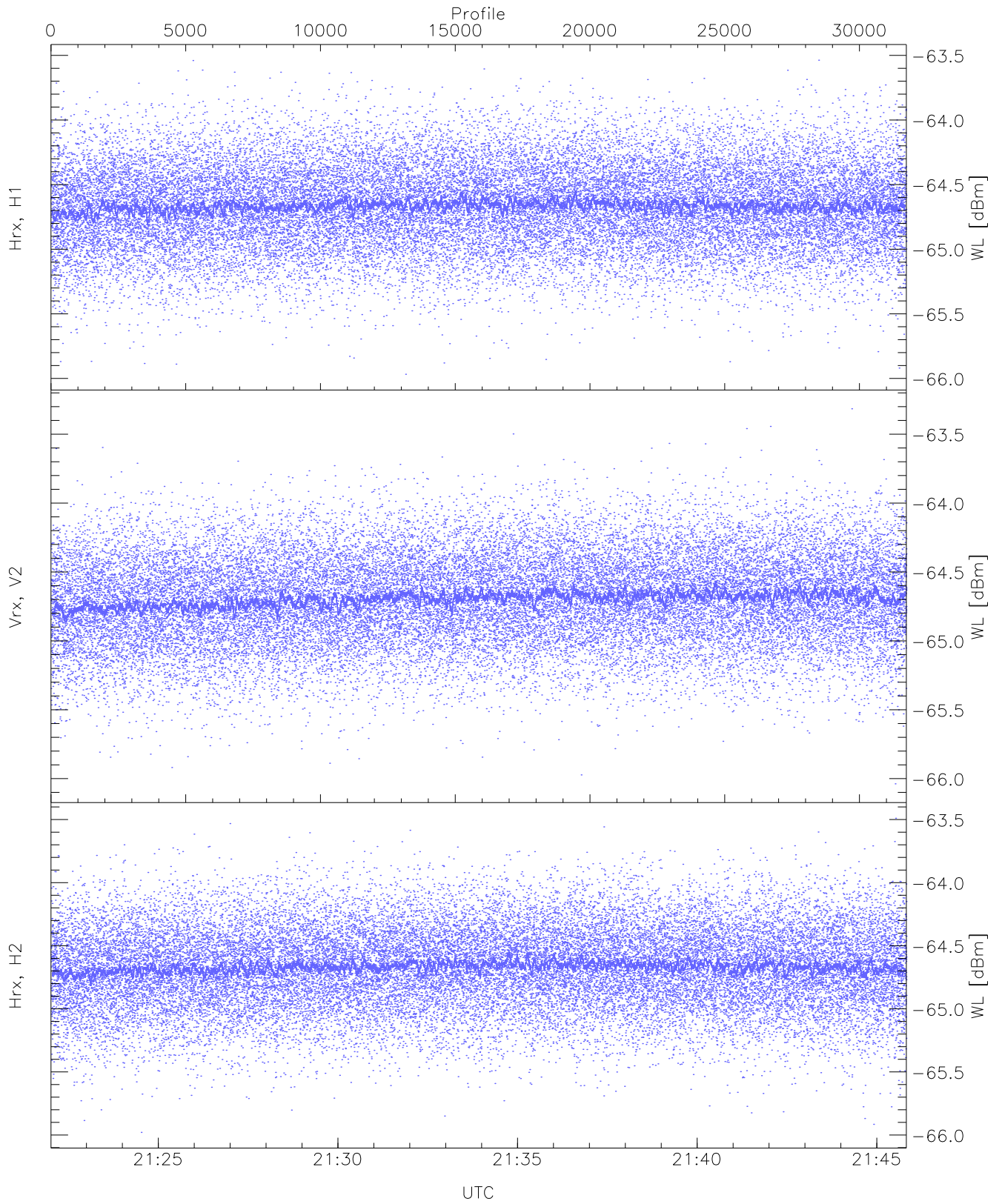
### WCR3 CPP Receivers Gain and Noise Figure

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



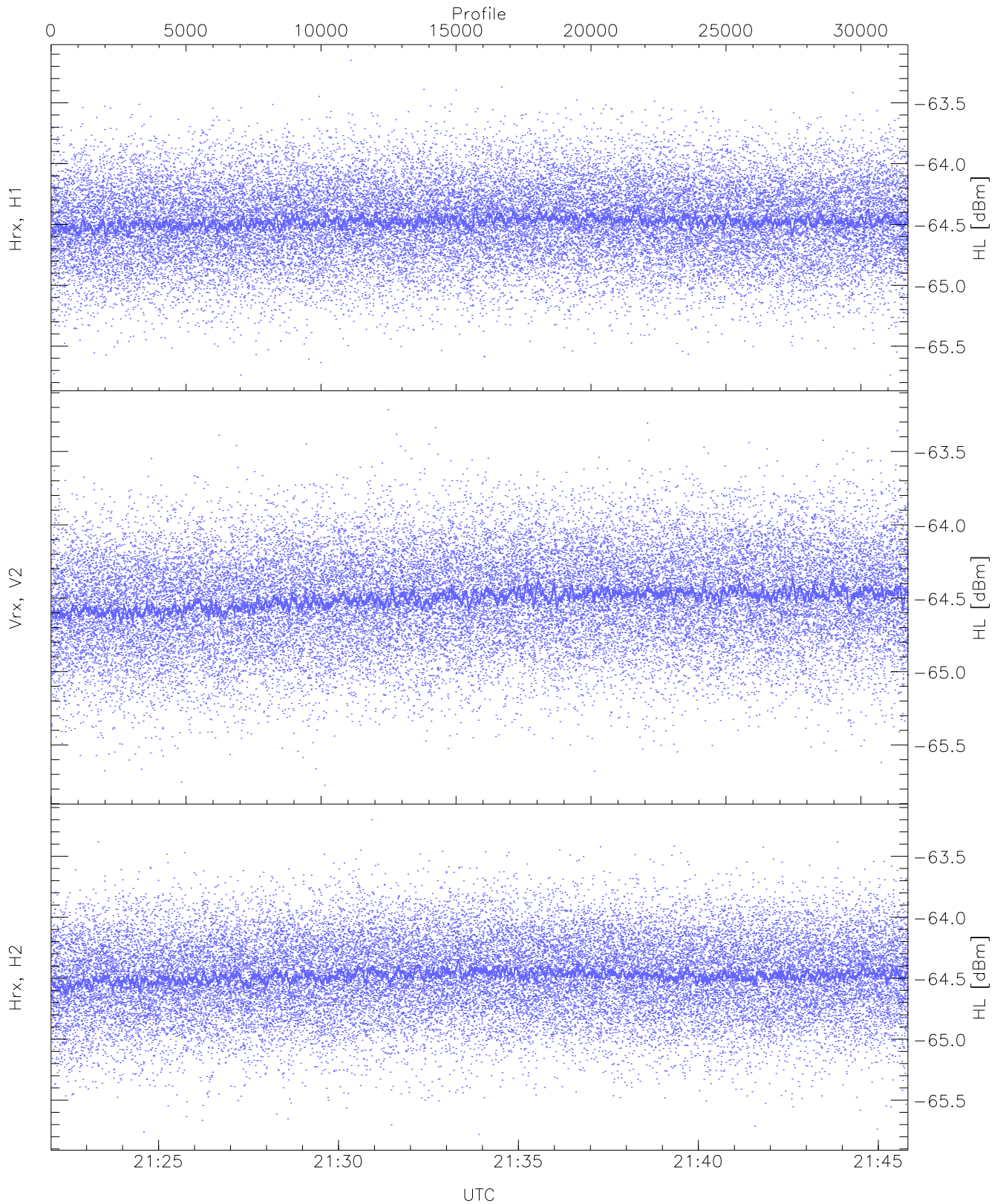
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.27	-64.96	-65.11	-65.11	-85.36
RMPHrxH1(std_dBm)	-75.85	-74.49	-75.13	-75.13	-88.86
RMPVrxV2(mean_dBm)	-64.96	-64.59	-64.76	-64.75	-83.53
RMPVrxV2(std_dBm)	-75.68	-74.06	-74.77	-74.78	-88.40
RMPHrxH2(mean_dBm)	-64.87	-64.56	-64.71	-64.71	-85.24
RMPHrxH2(std_dBm)	-75.58	-73.97	-74.73	-74.73	-88.49



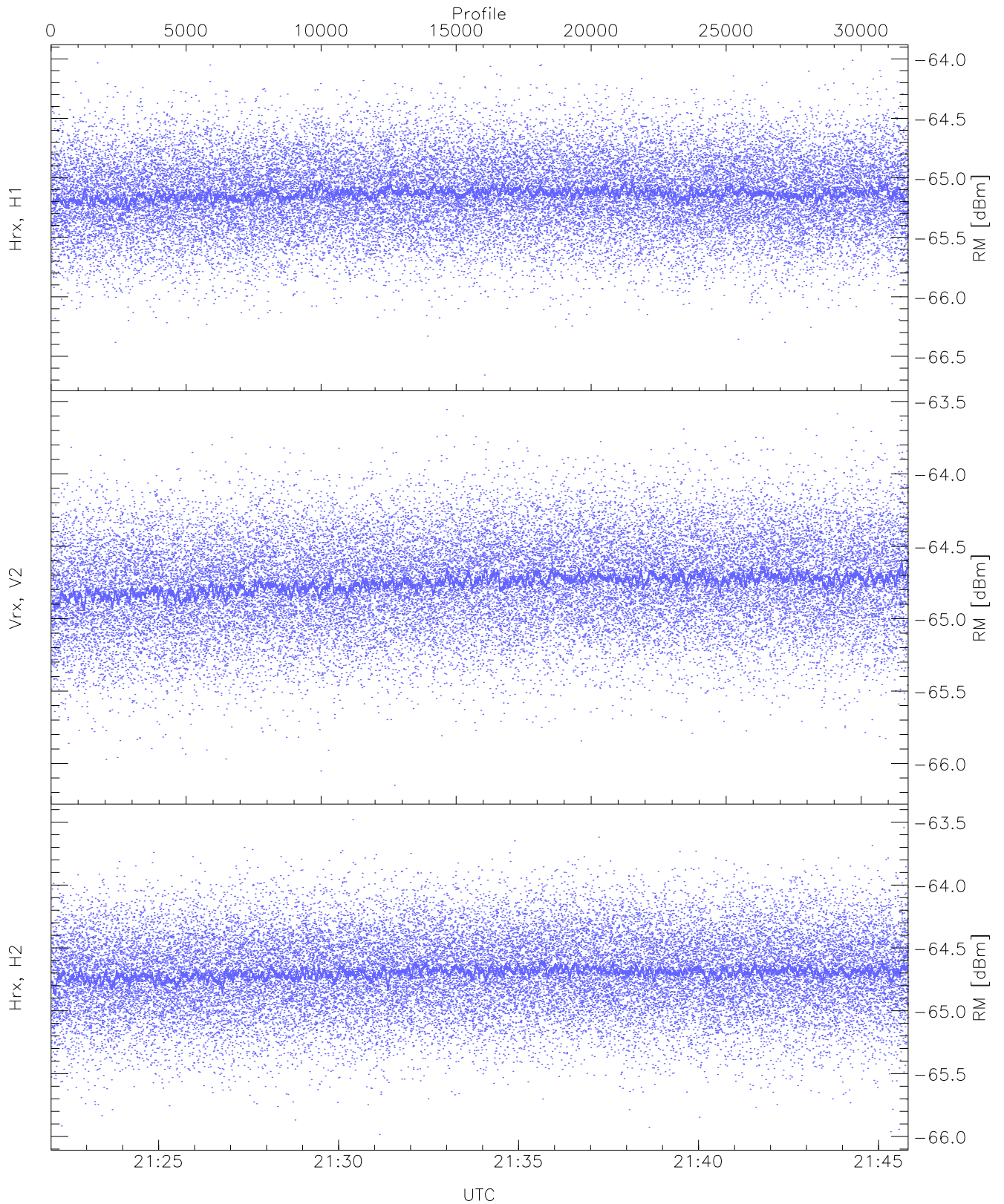
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.97	-63.54	-64.66	-64.67	-76.15
Vrx, V2 (WL [dBm])	-66.04	-63.32	-64.69	-64.70	-76.16
Hrx, H2 (WL [dBm])	-65.98	-63.49	-64.66	-64.67	-76.18



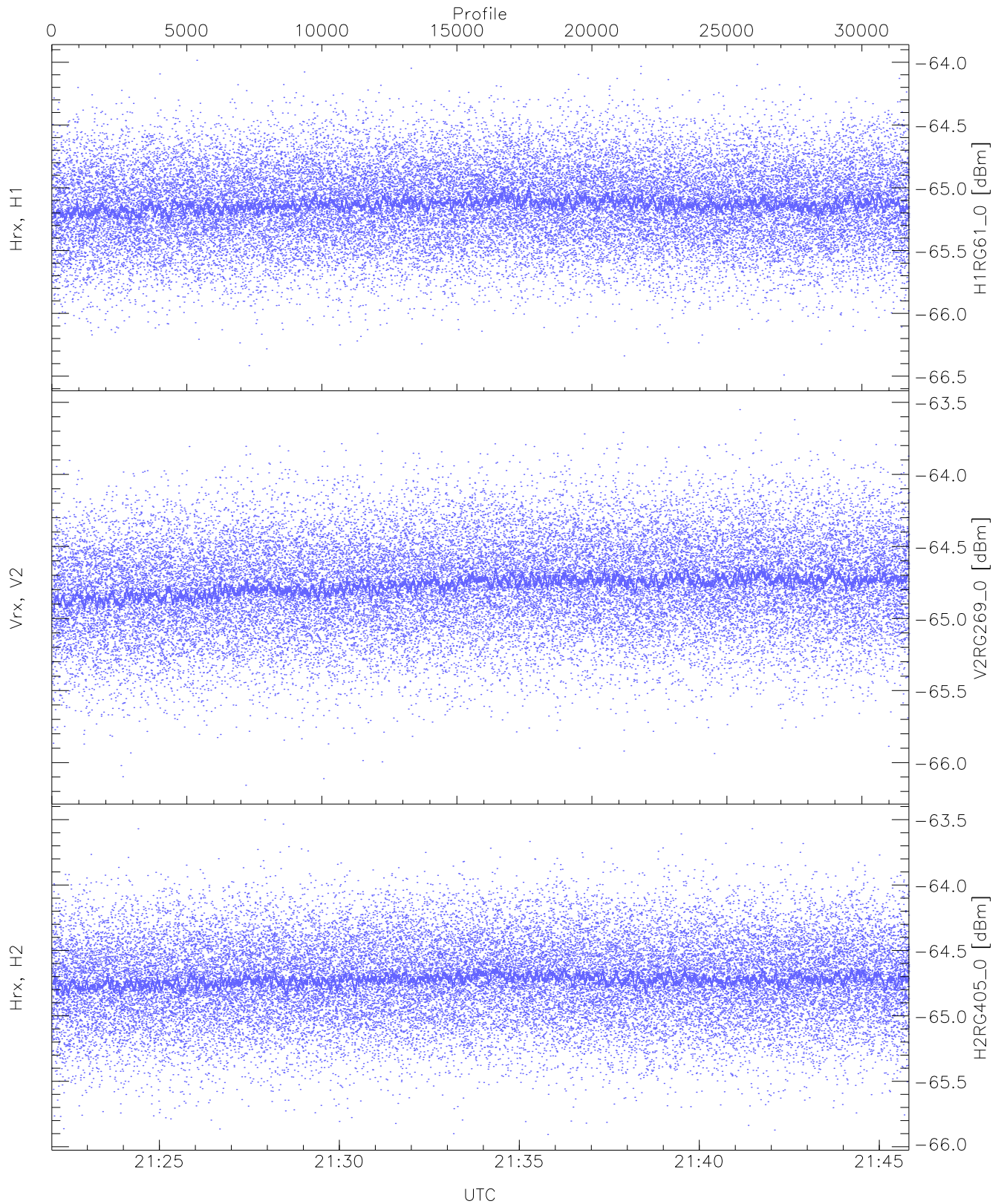
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.74	-63.15	-64.47	-64.48	-75.95
Vrx, V2 (HL [dBm])	-65.77	-63.21	-64.50	-64.51	-75.97
Hrx, H2 (HL [dBm])	-65.78	-63.20	-64.47	-64.48	-75.95



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

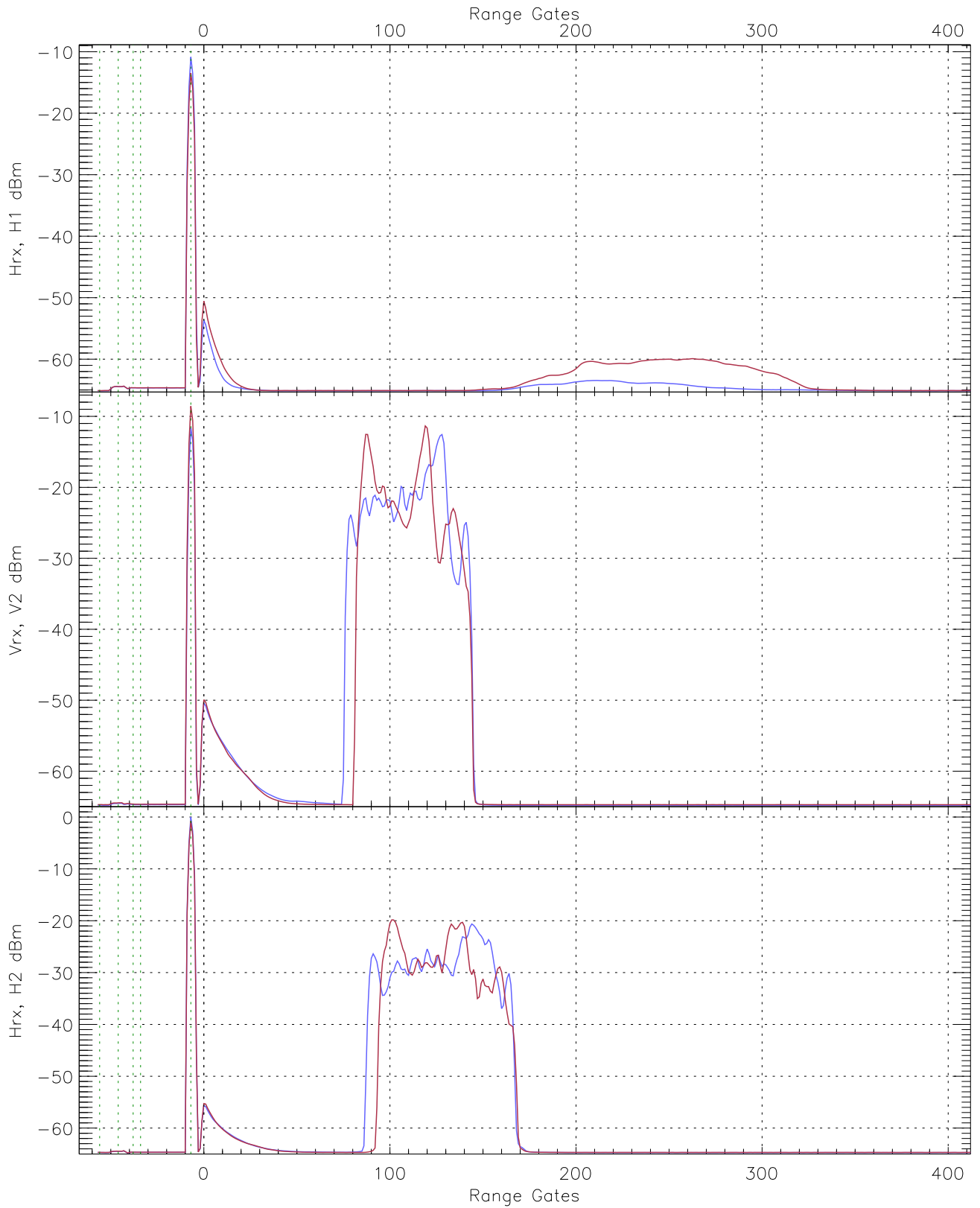
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.66	-64.01	-65.13	-65.14	-76.63
Vrx, V2 (RM [dBm])	-66.15	-63.56	-64.75	-64.76	-76.22
Hrx, H2 (RM [dBm])	-65.98	-63.48	-64.69	-64.70	-76.19



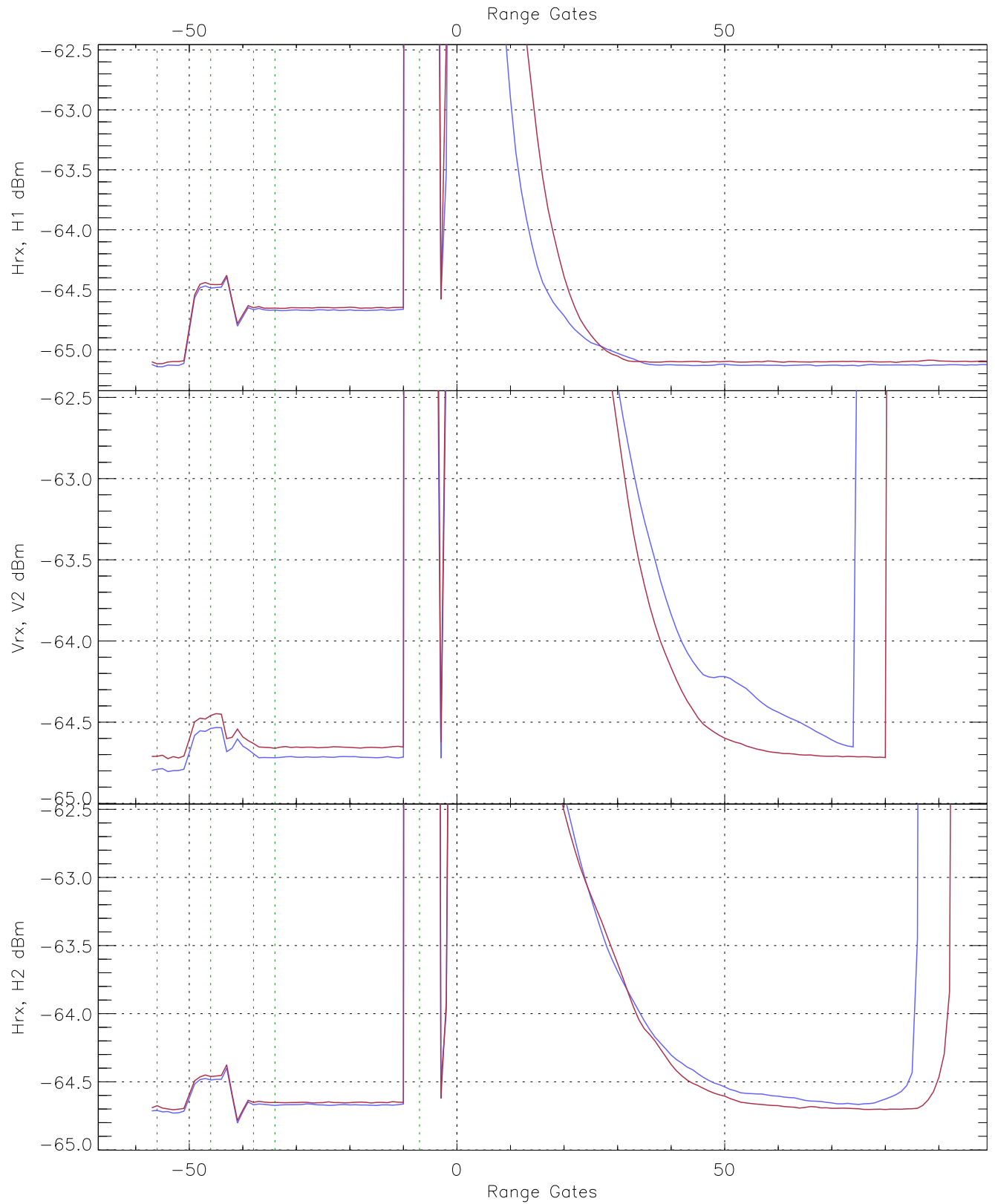
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG61_0 [dBm]	-66.49	-63.98	-65.13	-65.14	-76.63
V2RG269_0 [dBm]	-66.16	-63.55	-64.76	-64.77	-76.21
H2RG405_0 [dBm]	-65.91	-63.50	-64.72	-64.73	-76.24

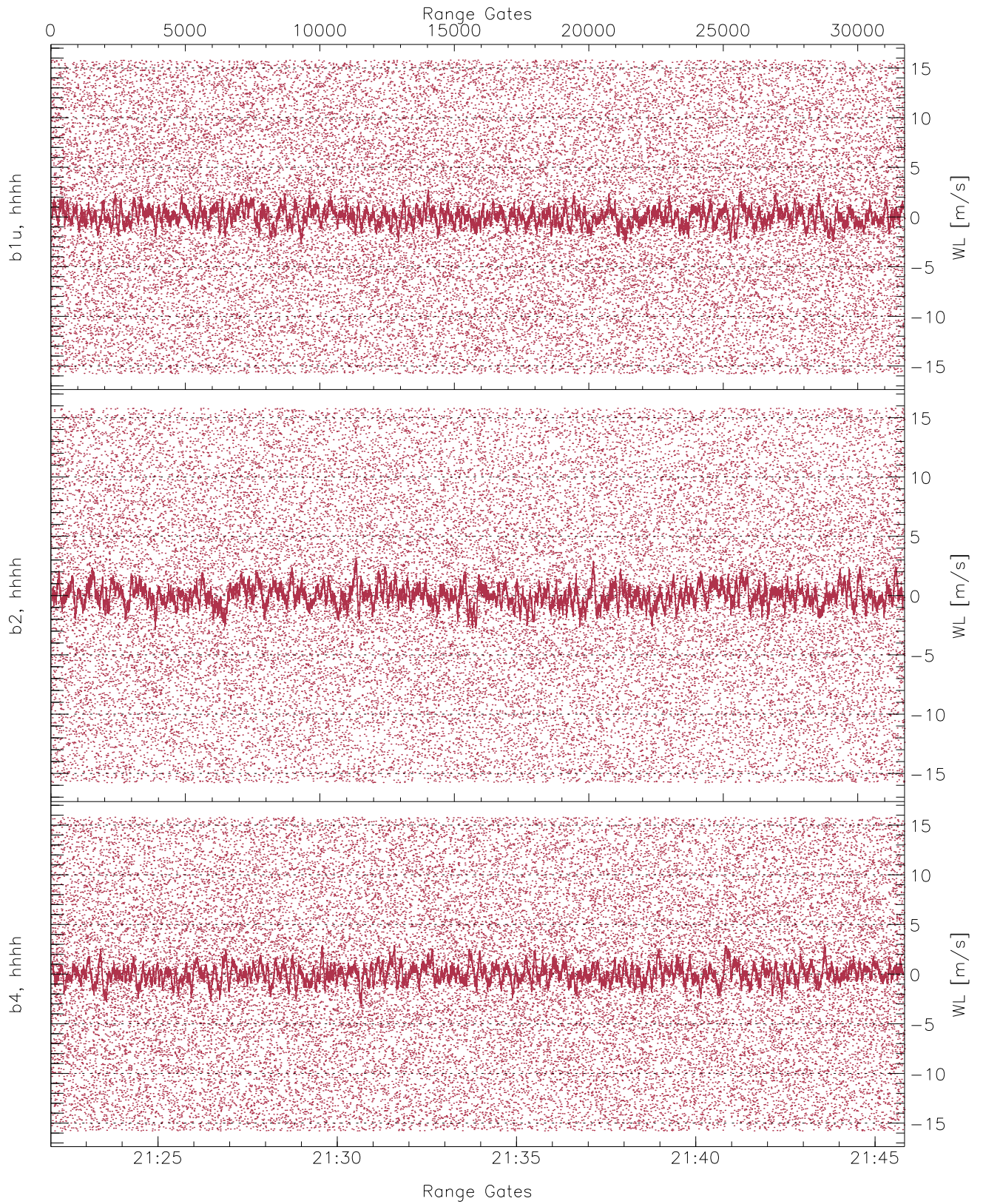




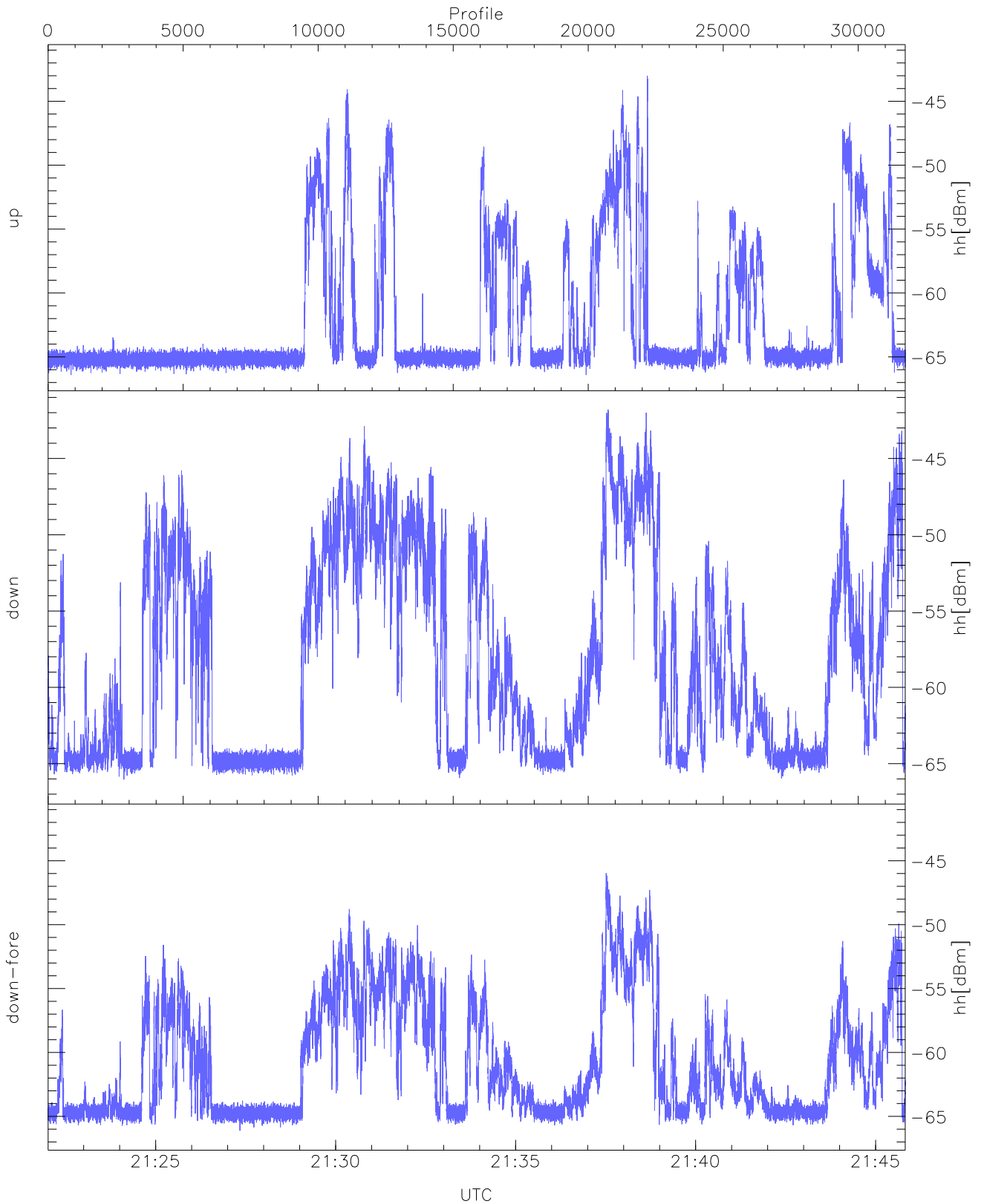
WCR3 CPP Averaged Received power for all recorded gates  
blue: 212201-213355, 15871 profiles averaged  
red: 213355-214549, 15871 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 212201-213355, 15871 profiles averaged  
red: 213355-214549, 15871 profiles averaged

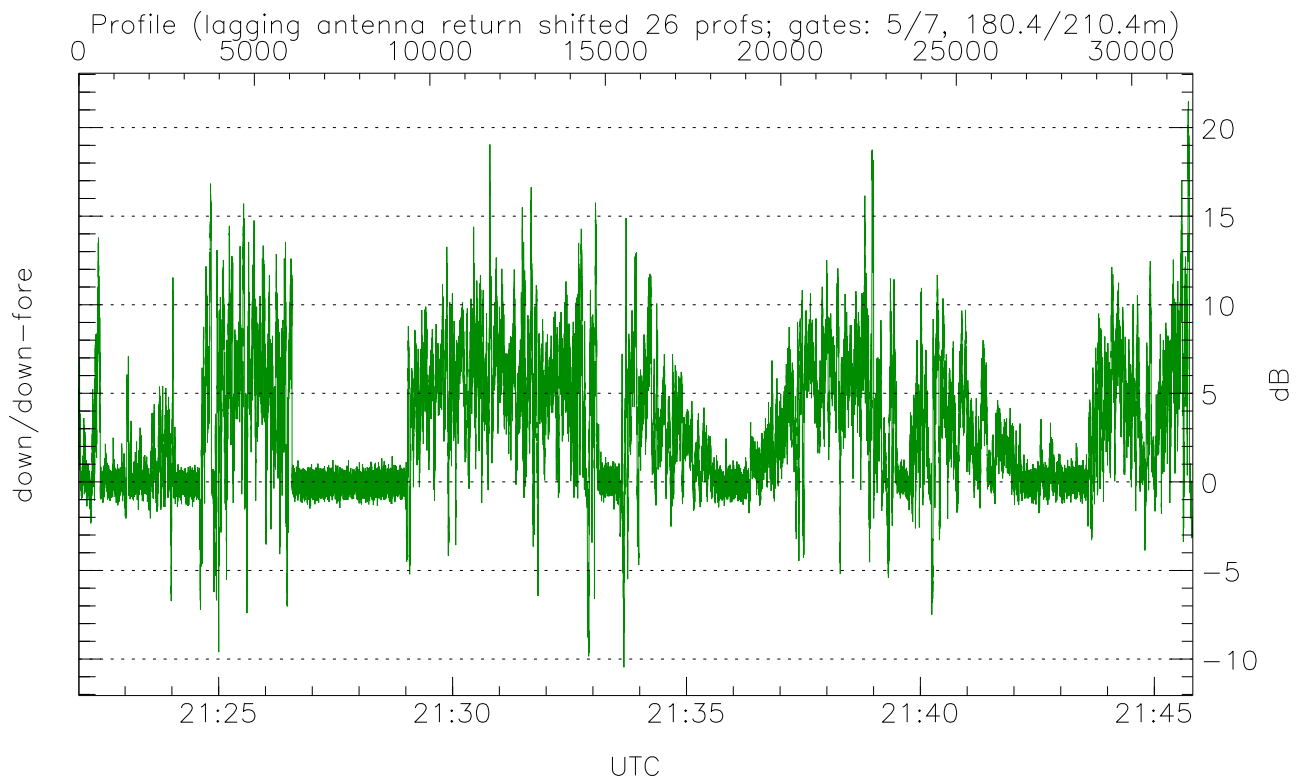
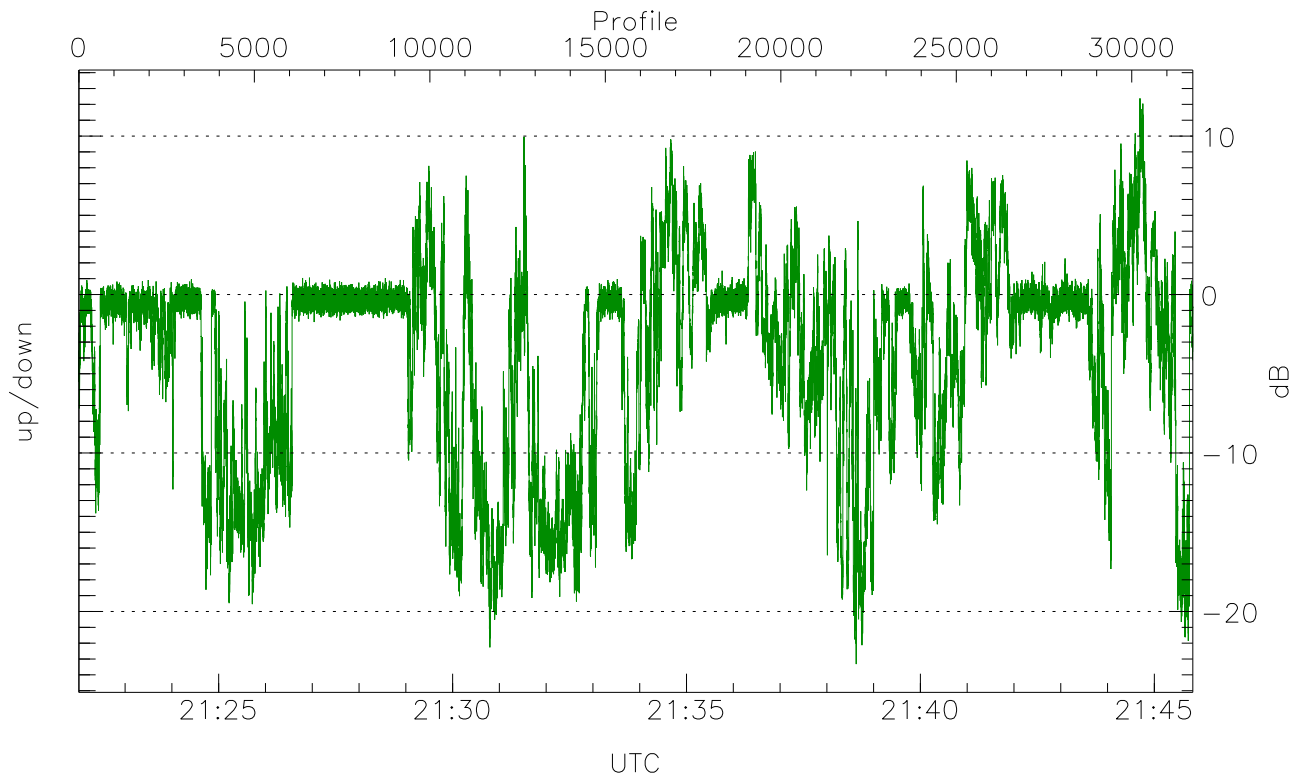


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



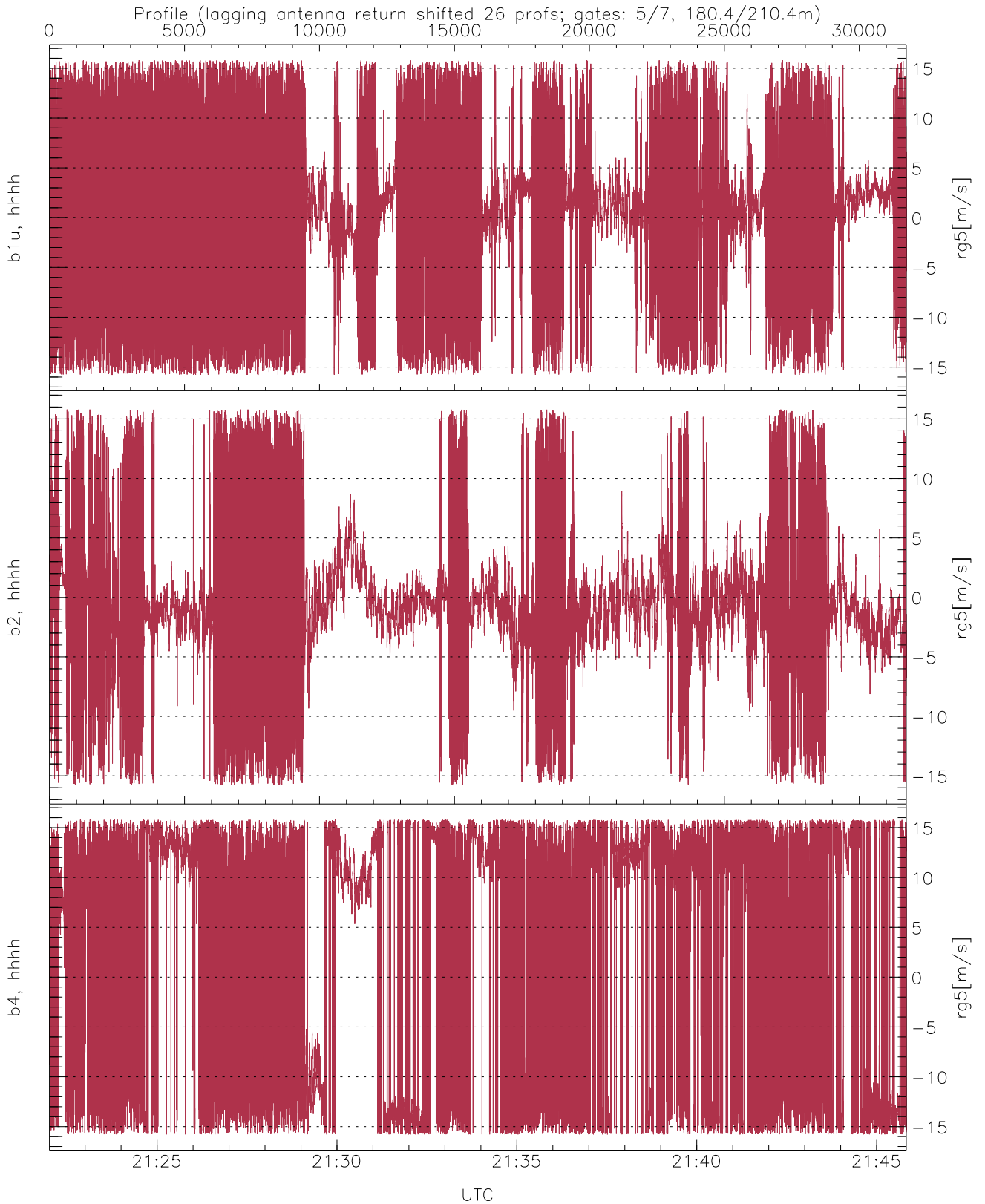
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.42	-43.00	-57.80
down(hh[dBm])	-66.04	-41.79	-53.57
down-fore(hh[dBm])	-66.12	-45.97	-58.18



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

	Min	Max	Mean
up/down (dB)	-23.32	12.38	-3.79
down/down-fore (dB)	-10.47	21.47	2.95



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.79	15.79	0.42	6.84
b2, hhhh(rg5[m/s])	-15.78	15.79	-0.56	5.03
b4, hhhh(rg5[m/s])	-15.79	15.79	1.90	11.88