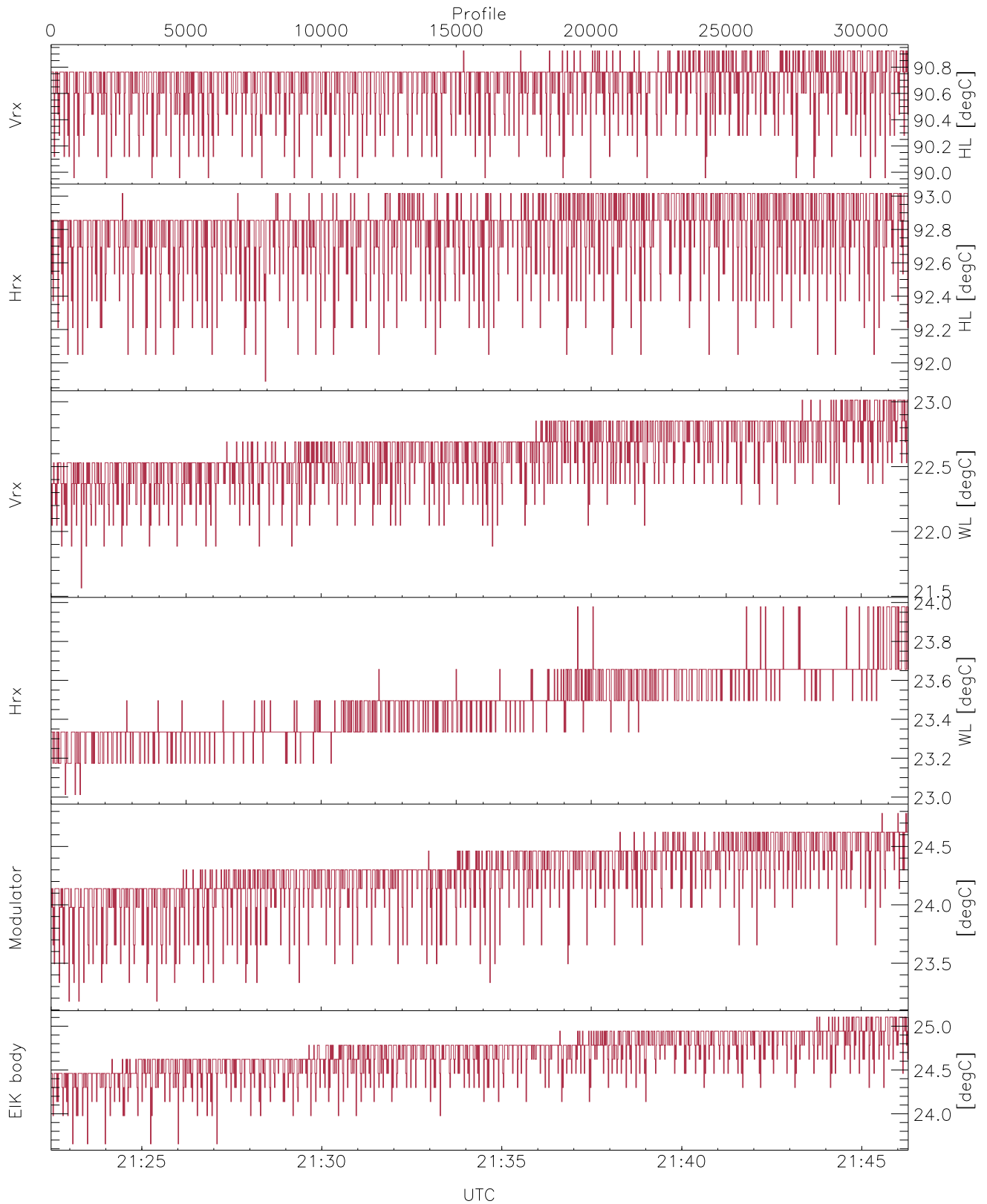


WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

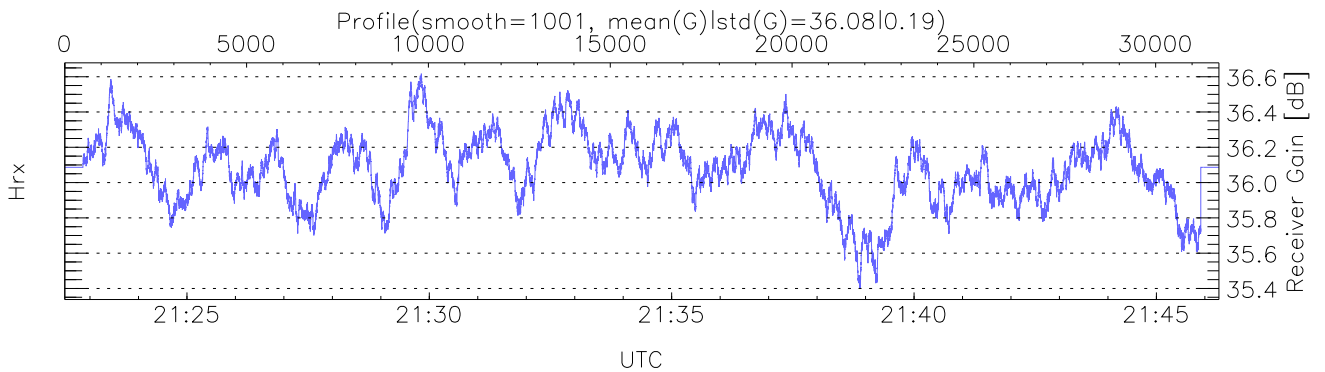
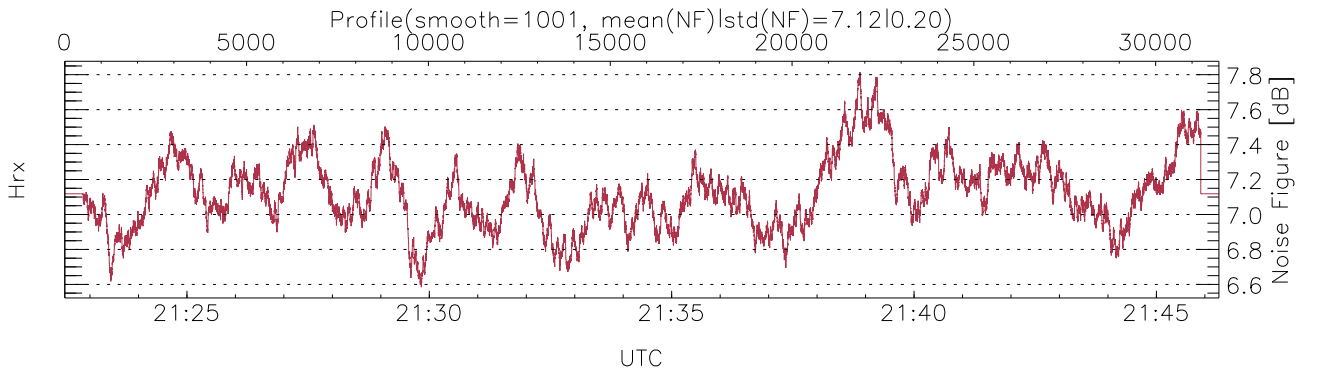
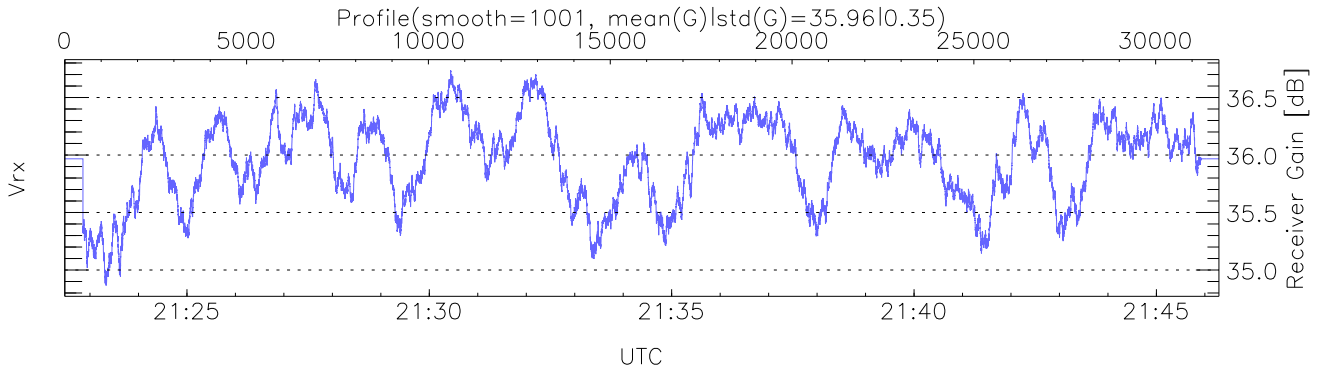
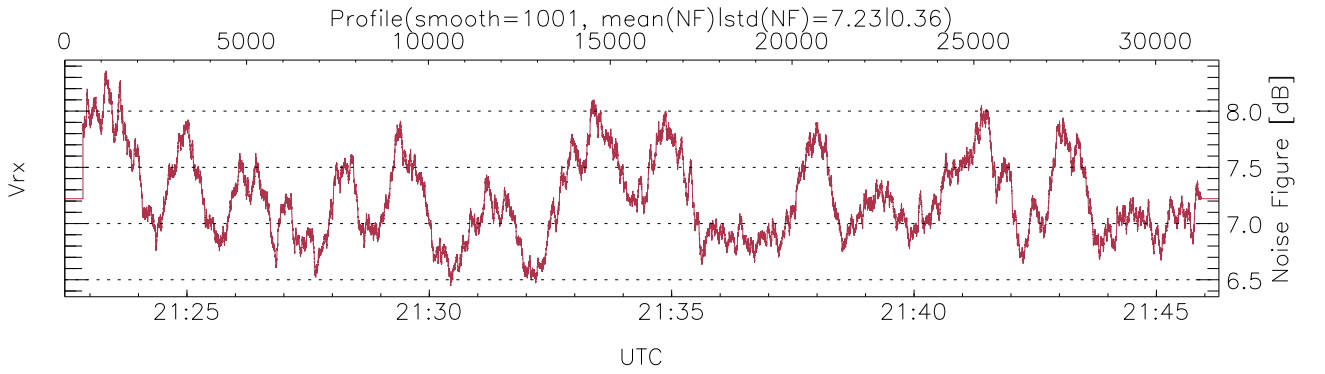
UTC: 21:22:29-21:46:17, TimeCor: 0.00s, Dur: 1428.66s  
 TimeFlg: 1, TFPstatus constant.  
 TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2  
 NumRec(r/t): 31741/31741, 0-31740/21:22:29-21:46:17  
 AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100  
 Pulse: 250ns, 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

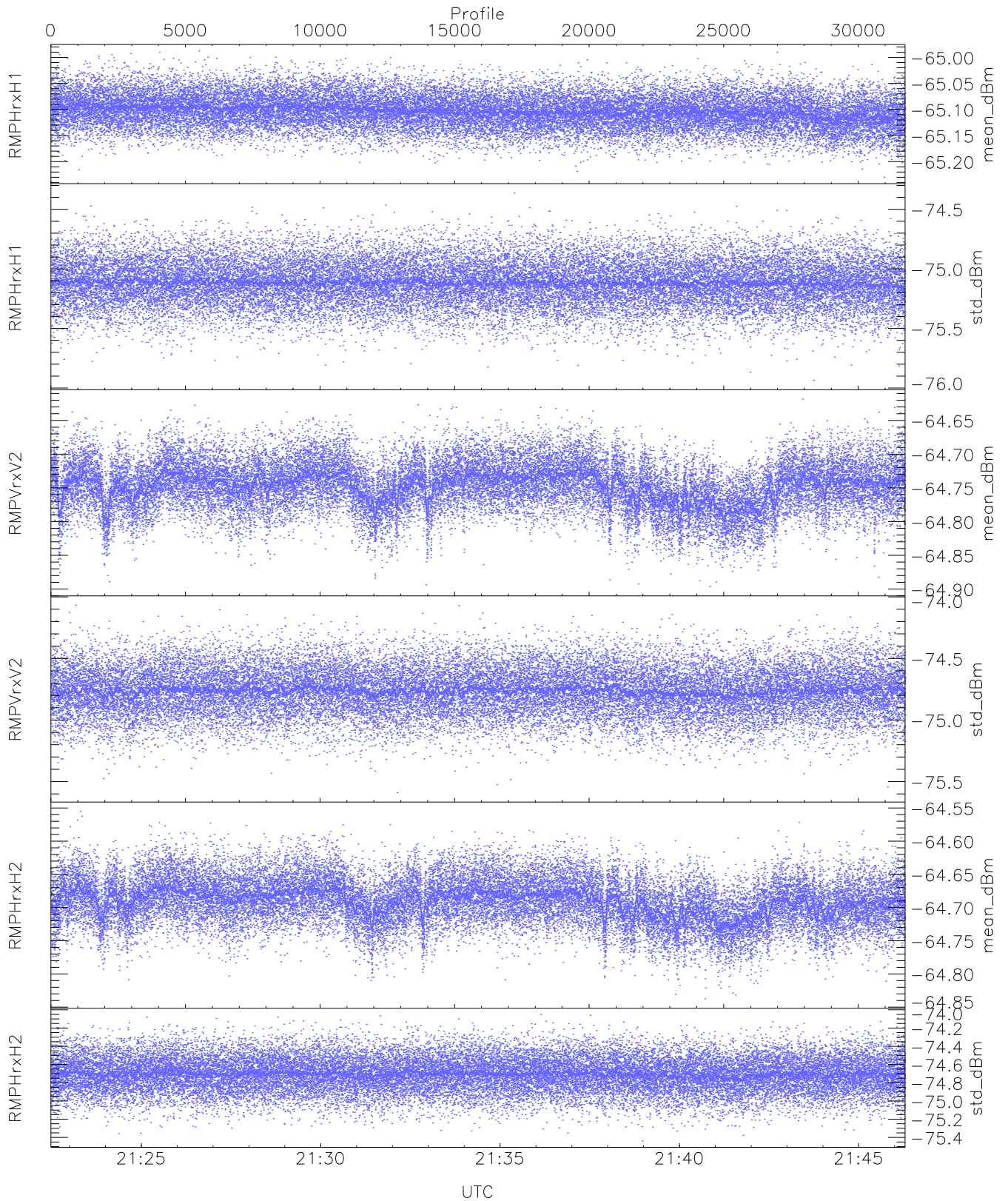
```

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 89,91,21,23,23,23
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,93,23,23,24,25
LOalarm(20,240,2817,14861 MHz): 0,0,46,0
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,Fault2,DeckF,OverDuty,HVPS,Fault1 (23,23,23,23,23,23,23,23)
    
```



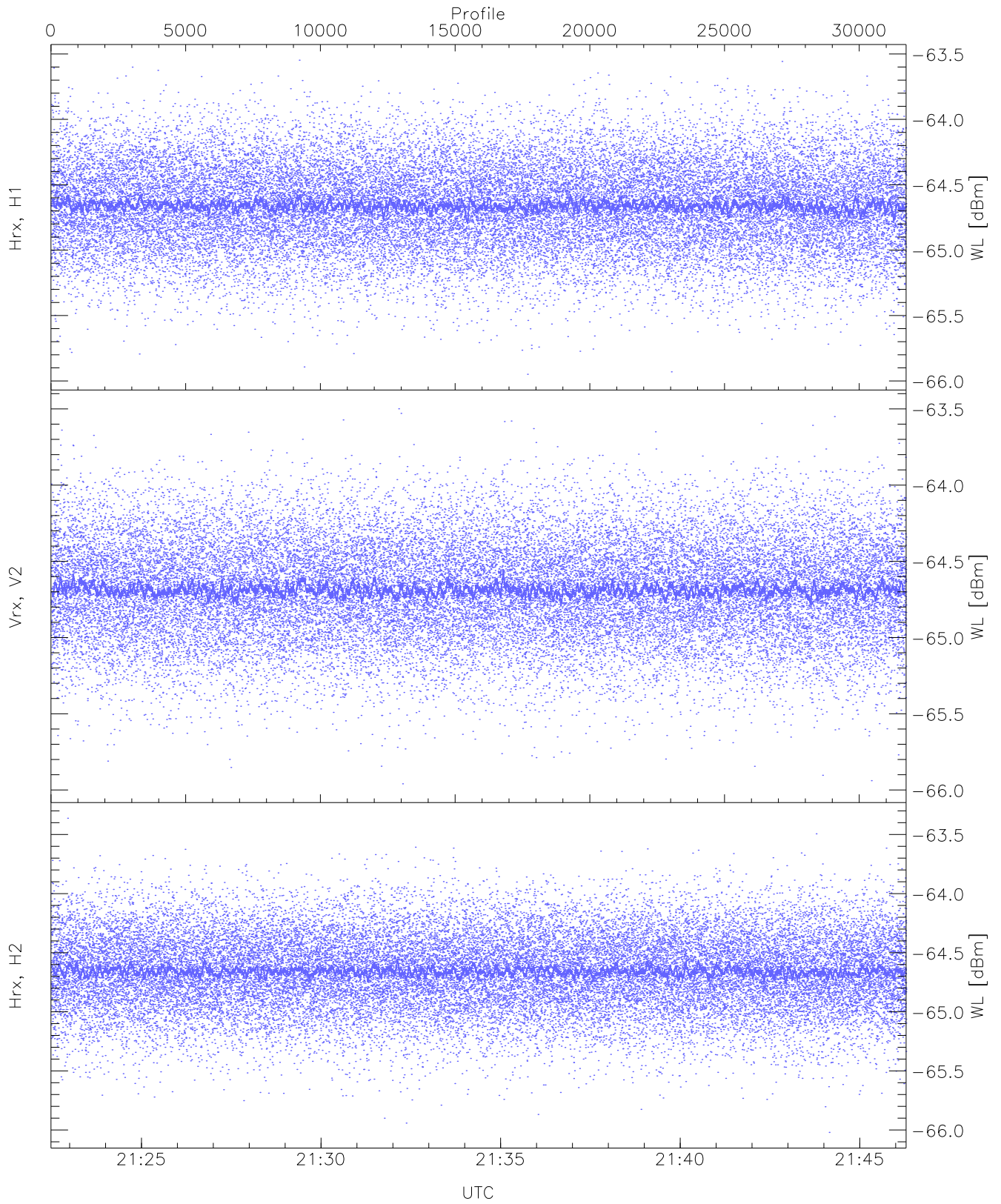
### WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 8 pixs, 3 gates, 8 profs, 1 prod(s)



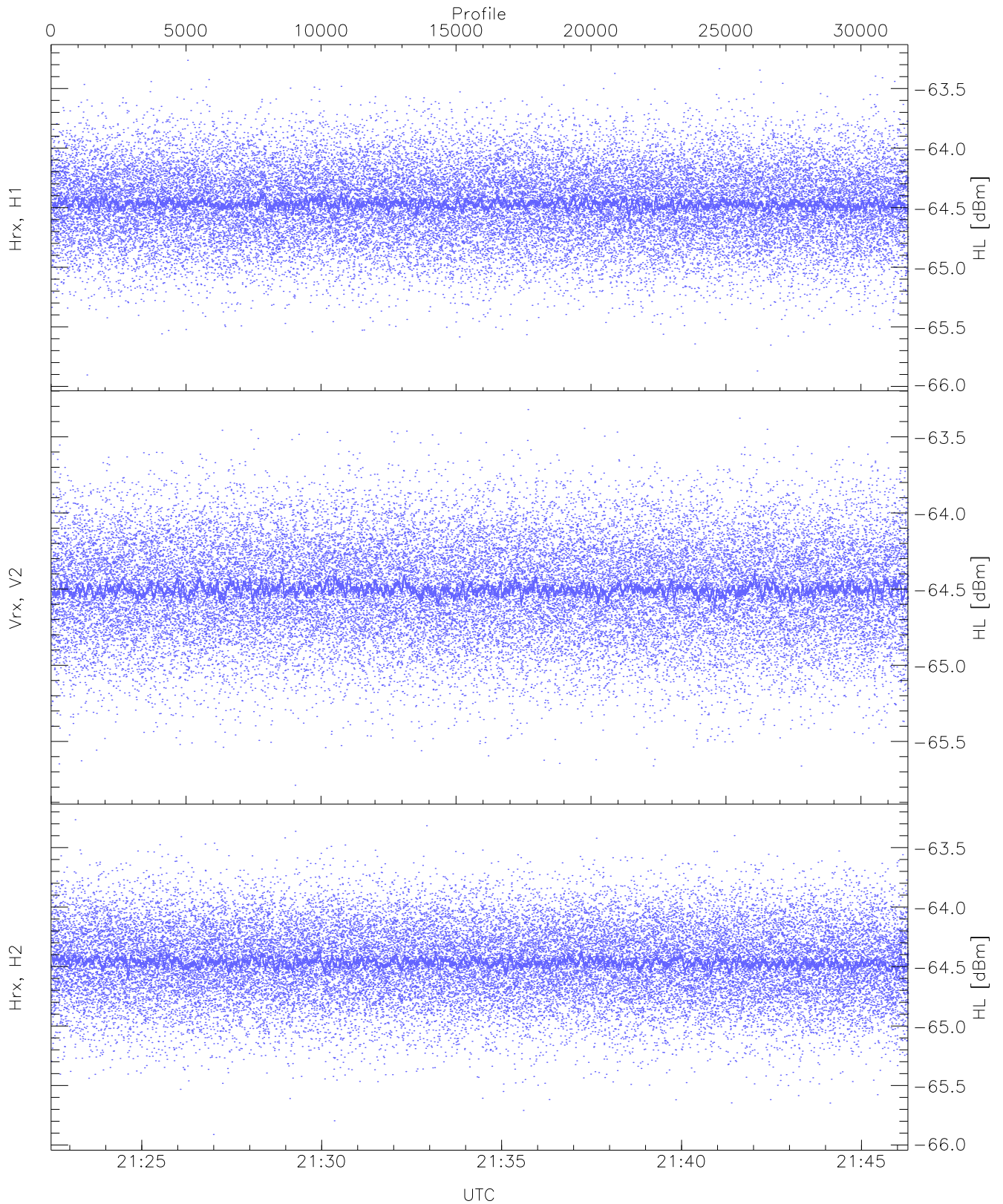
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.23	-64.99	-65.10	-65.10	-86.59
RMPHrxH1 (std_dBm)	-75.94	-74.36	-75.12	-75.12	-88.90
RMPVrxV2 (mean_dBm)	-64.90	-64.62	-64.75	-64.75	-85.62
RMPVrxV2 (std_dBm)	-75.59	-74.07	-74.76	-74.76	-88.53
RMPHrxH2 (mean_dBm)	-64.84	-64.56	-64.69	-64.69	-85.73
RMPHrxH2 (std_dBm)	-75.44	-74.05	-74.70	-74.71	-88.47



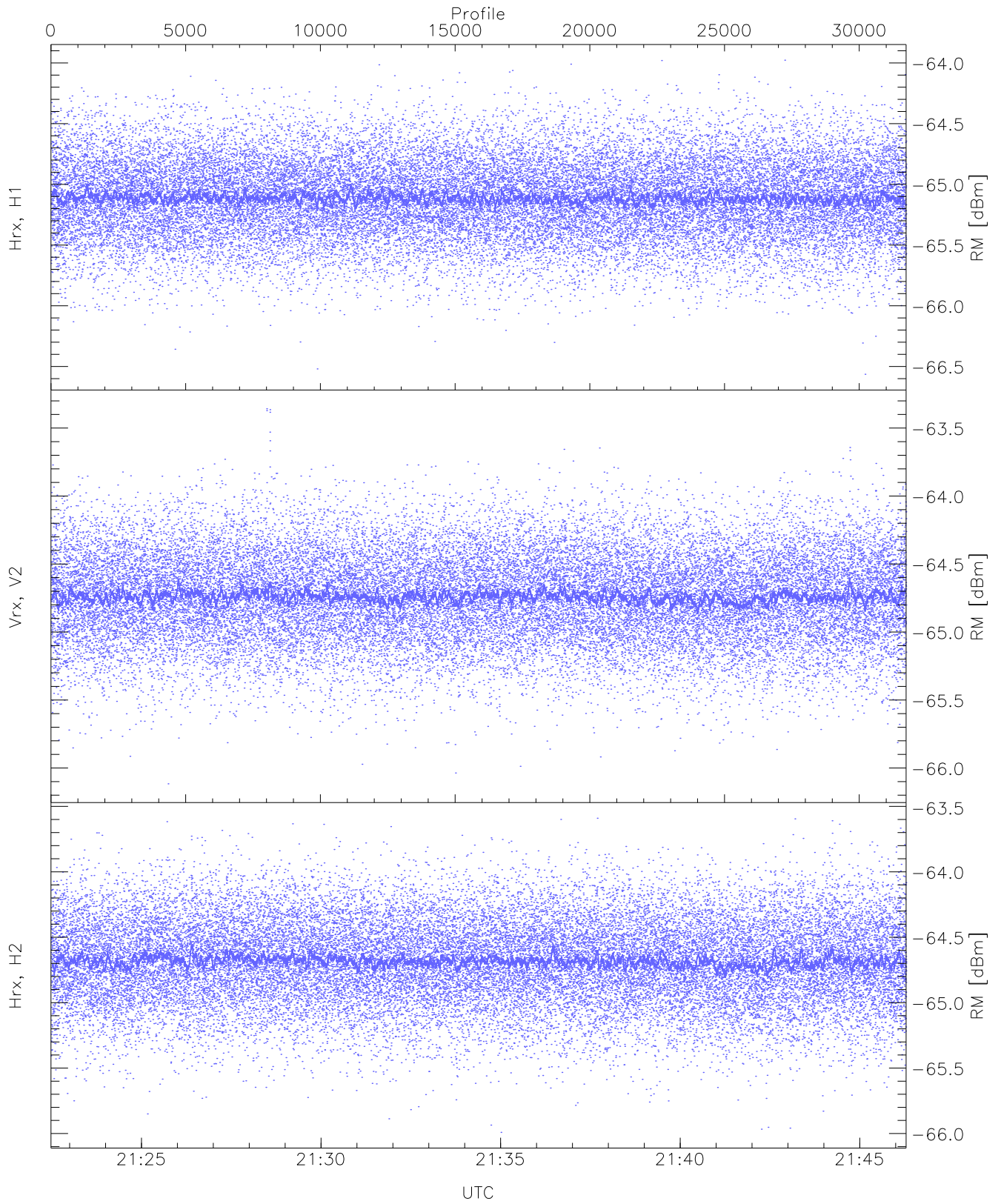
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.95	-63.55	-64.65	-64.66	-76.14
Vrx, V2 (WL [dBm])	-65.96	-63.50	-64.68	-64.69	-76.23
Hrx, H2 (WL [dBm])	-66.02	-63.36	-64.65	-64.66	-76.14



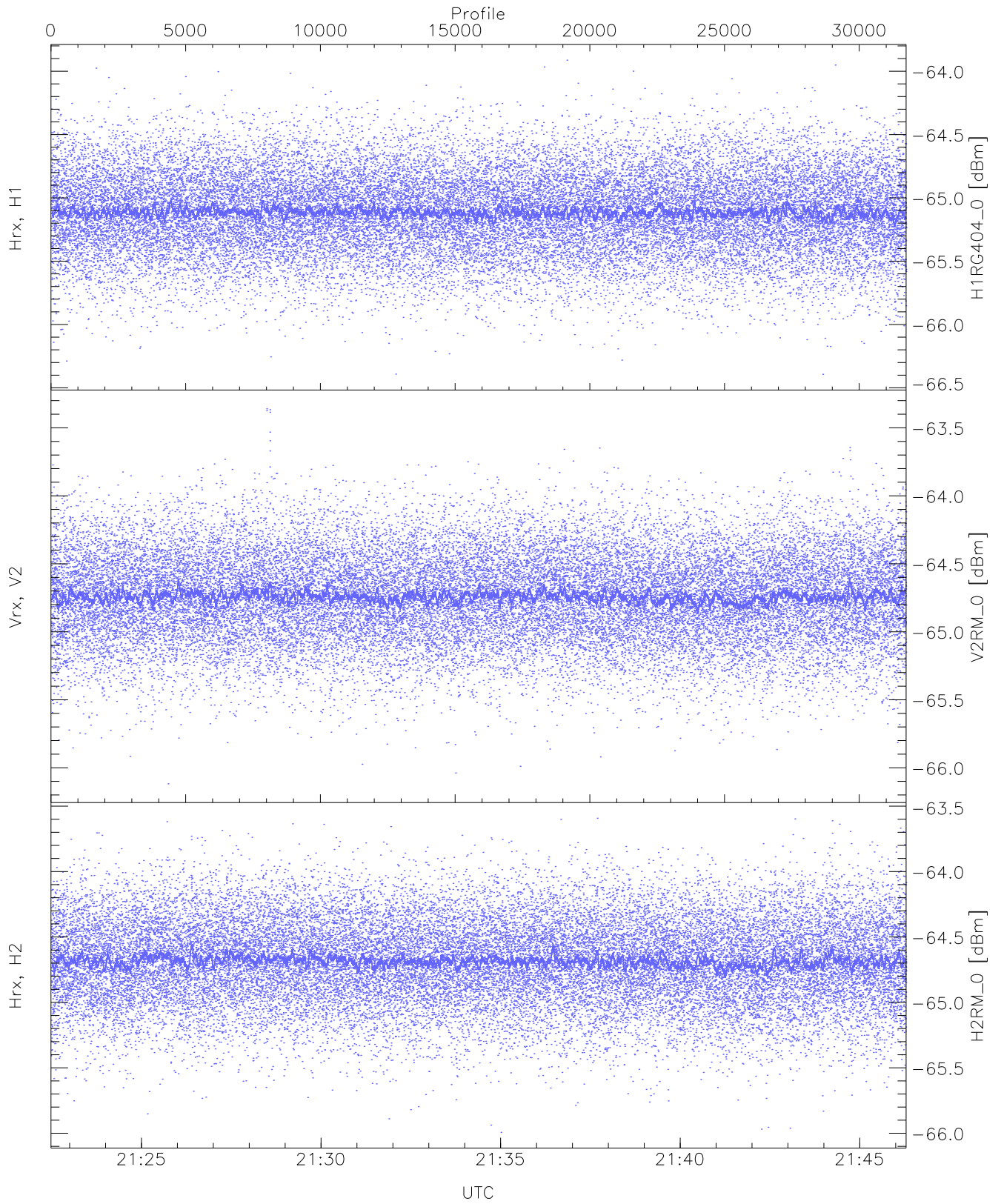
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.90	-63.26	-64.46	-64.46	-75.98
Vrx, V2 (HL [dBm])	-65.79	-63.32	-64.50	-64.50	-76.01
Hrx, H2 (HL [dBm])	-65.91	-63.27	-64.46	-64.47	-75.97



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

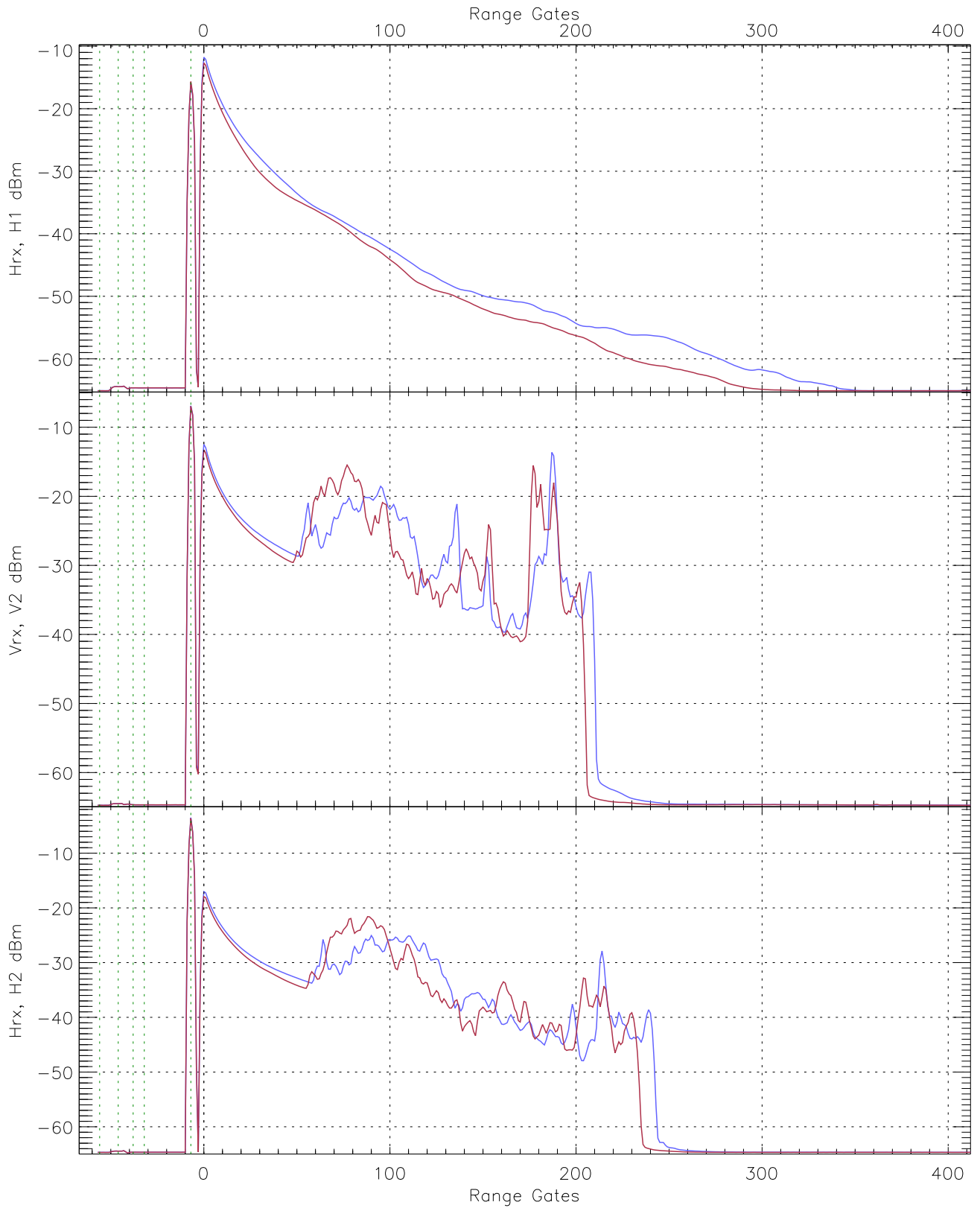
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.56	-63.98	-65.11	-65.11	-76.60
Vrx, V2 (RM [dBm])	-66.12	-63.36	-64.73	-64.74	-76.20
Hrx, H2 (RM [dBm])	-65.99	-63.59	-64.68	-64.68	-76.18



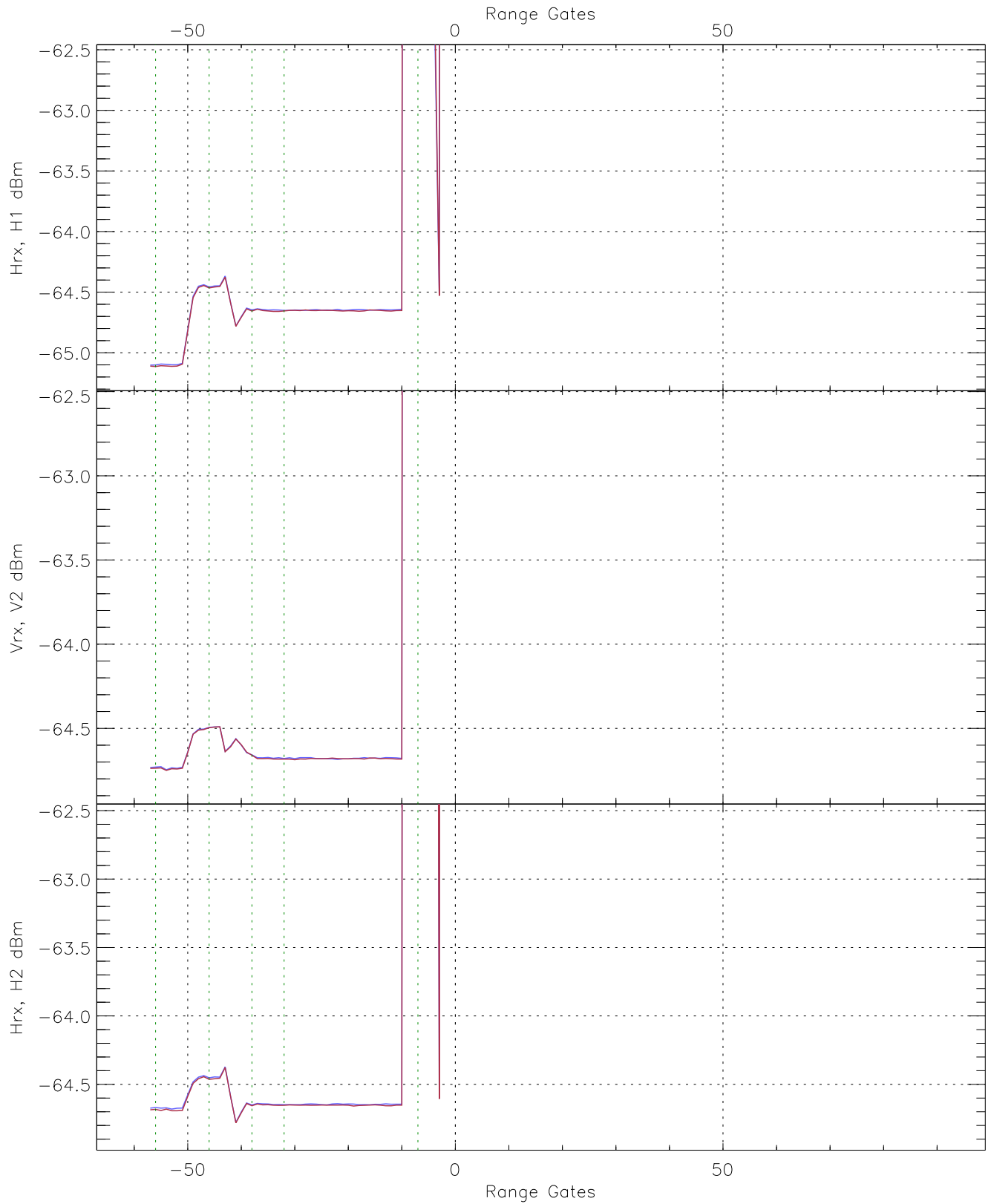
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG404_0 [dBm]	-66.39	-63.91	-65.11	-65.11	-76.63
V2RM_0 [dBm]	-66.12	-63.36	-64.74	-64.74	-76.21
H2RM_0 [dBm]	-65.99	-63.59	-64.68	-64.69	-76.19

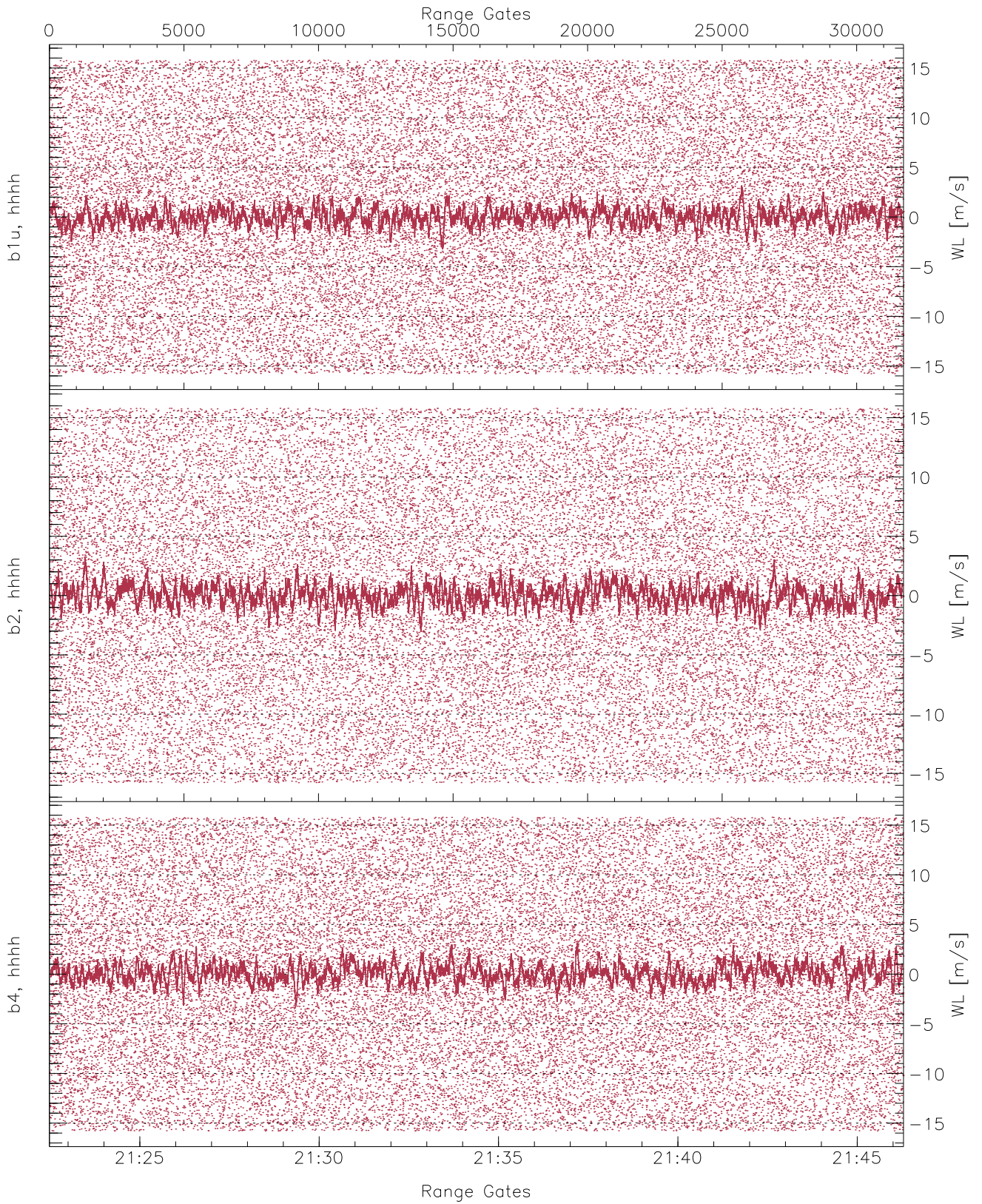




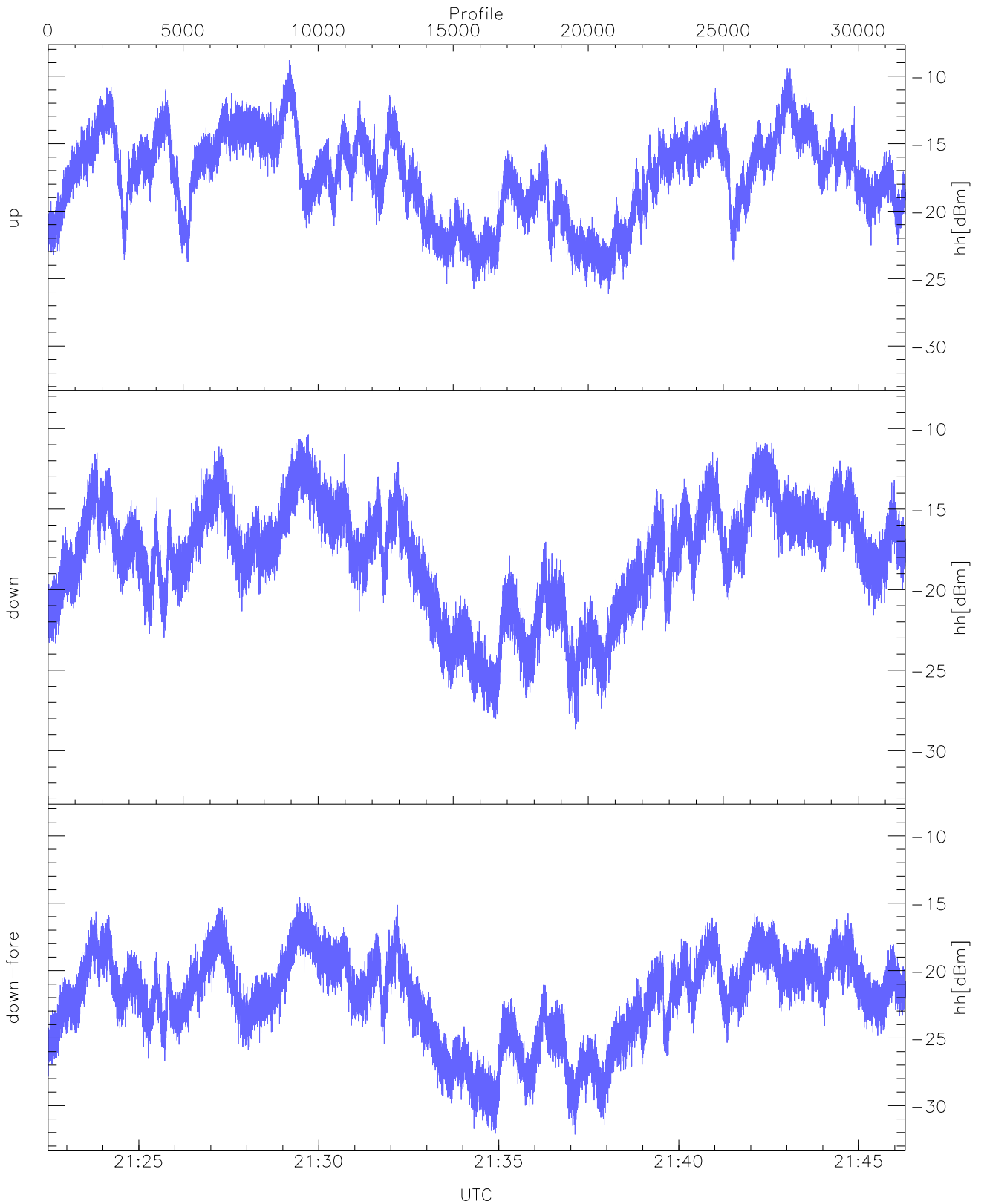
WCR3 CPP Averaged Received power for all recorded gates  
blue: 212229-213423, 15871 profiles averaged  
red: 213423-214617, 15871 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 212229-213423, 15871 profiles averaged  
red: 213423-214617, 15871 profiles averaged

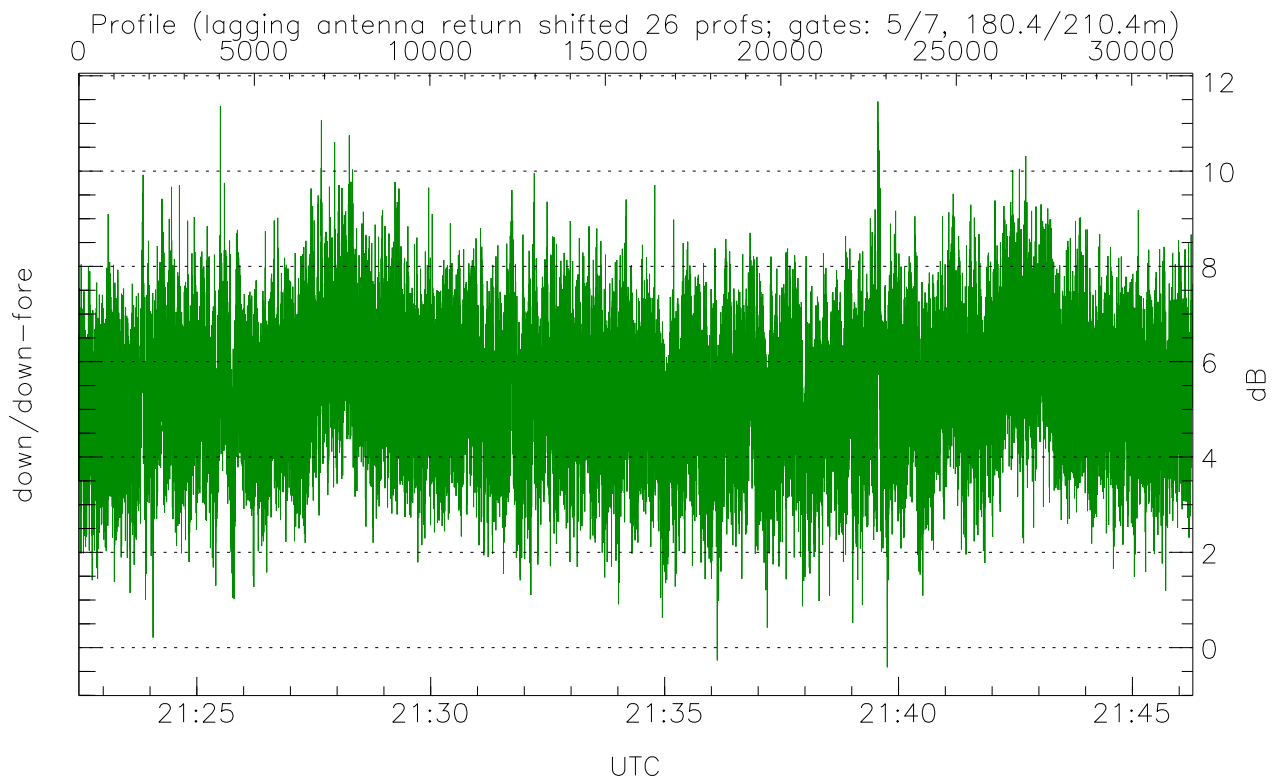
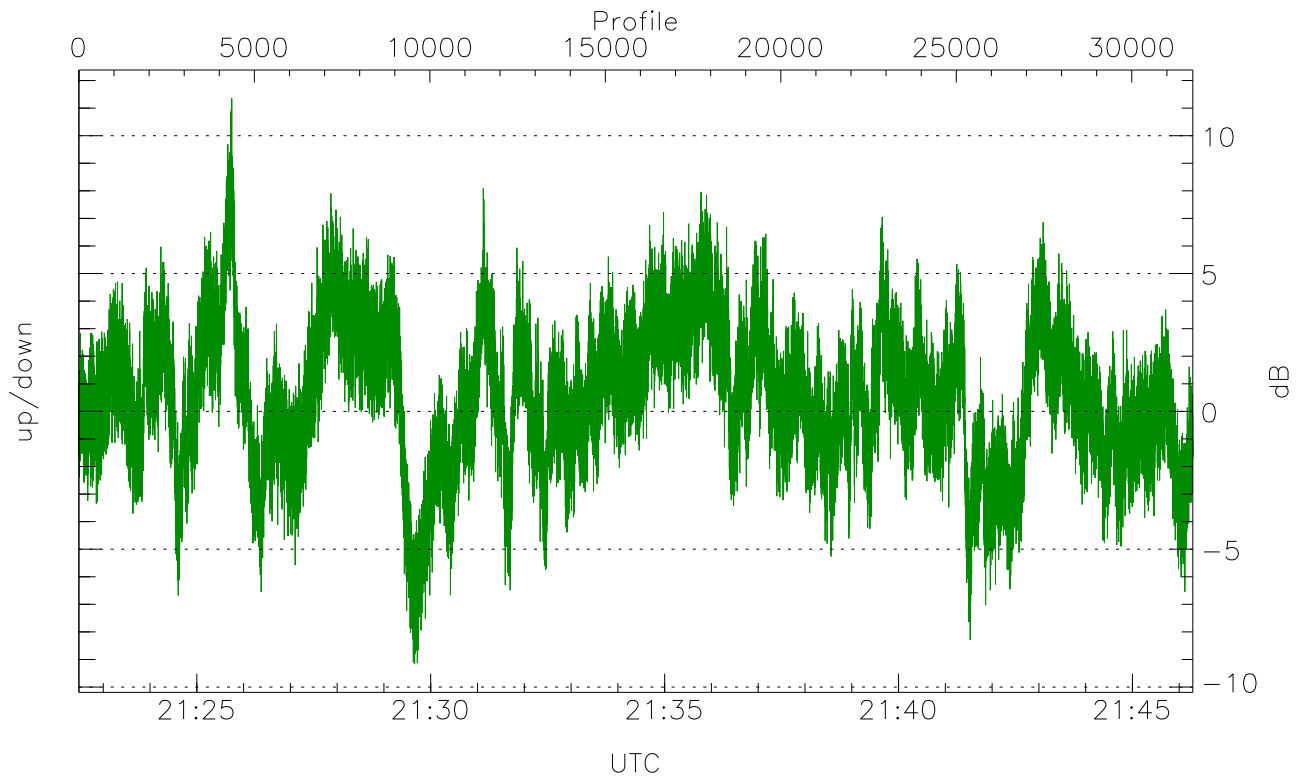


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



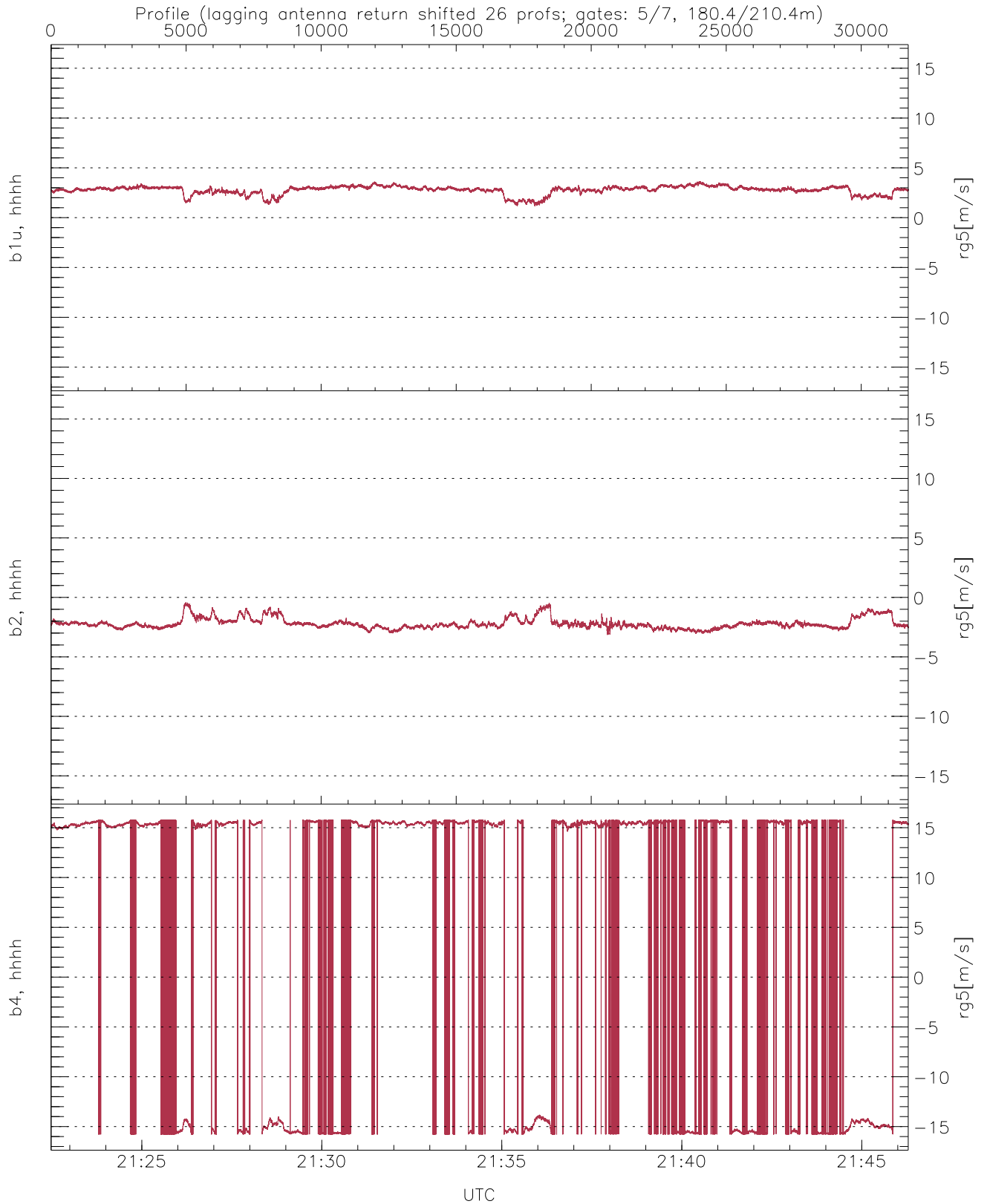
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-26.13	-8.82	-16.39
down(hh[dBm])	-28.66	-10.39	-16.83
down-fore(hh[dBm])	-32.14	-14.59	-21.05



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

	Min	Max	Mean
up/down (dB)	-9.17	11.36	0.54
down/down-fore (dB)	-0.41	11.46	5.39



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	1.16	3.66	2.76	0.43
b2, hhhh(rg5[m/s])	-3.15	-0.41	-2.19	0.45
b4, hhhh(rg5[m/s])	-15.79	15.79	4.28	14.82