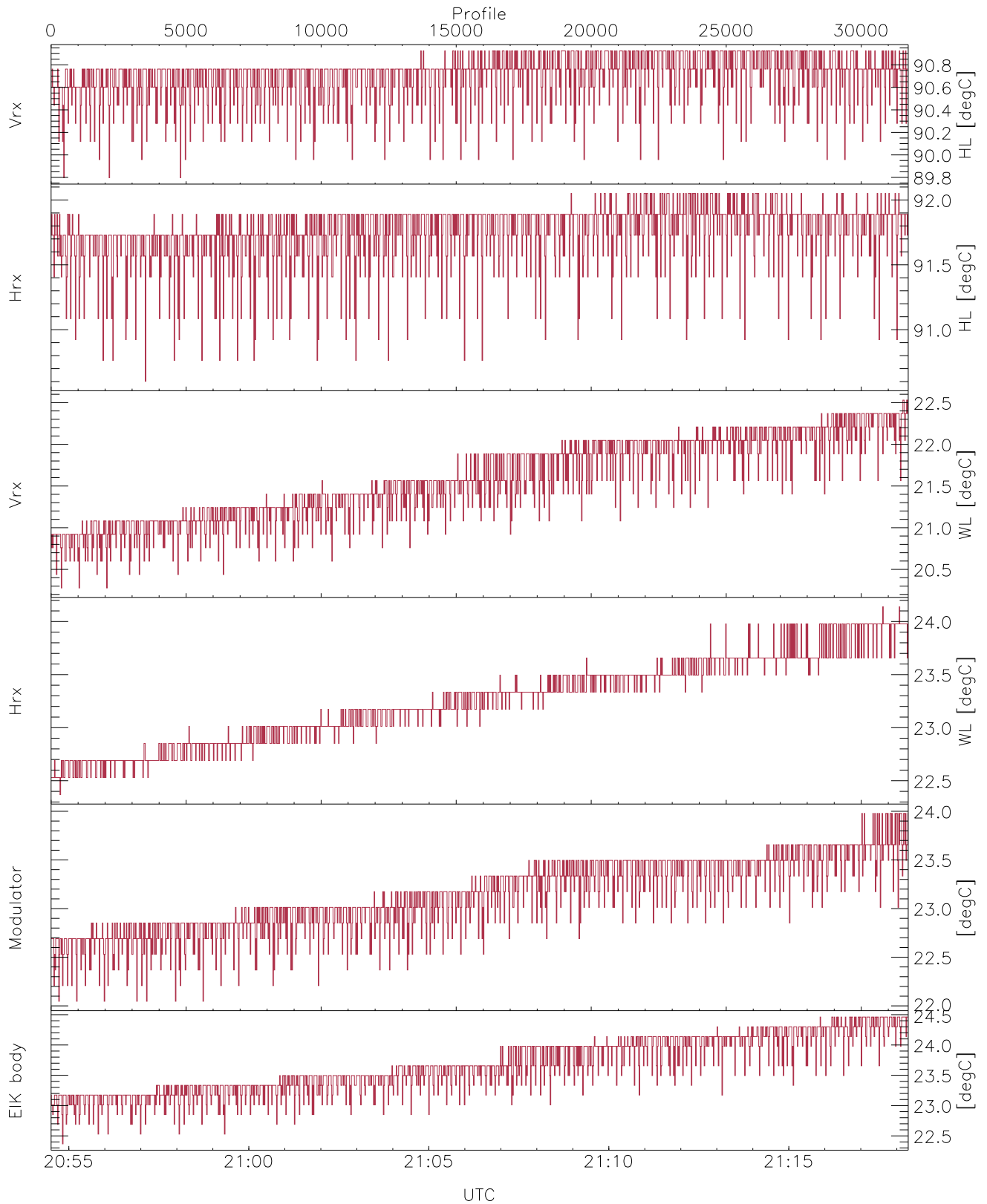


WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

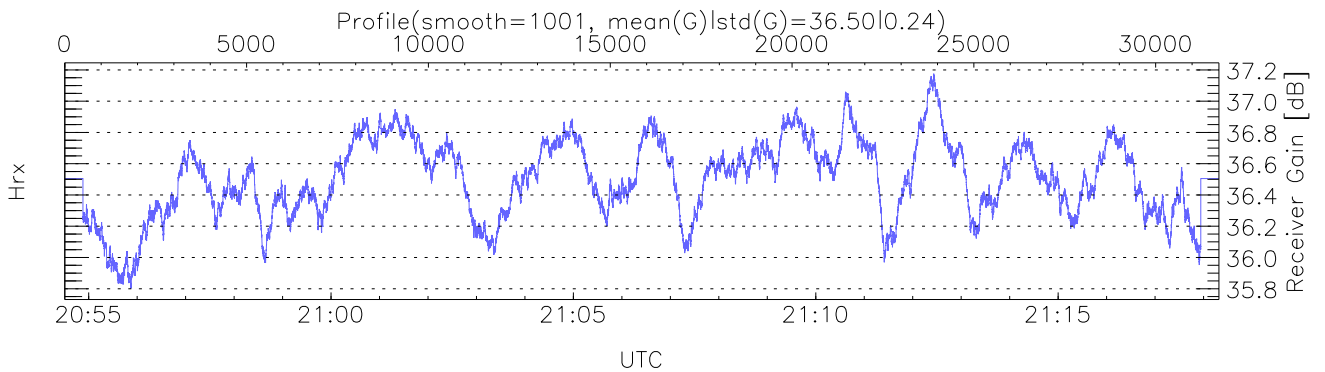
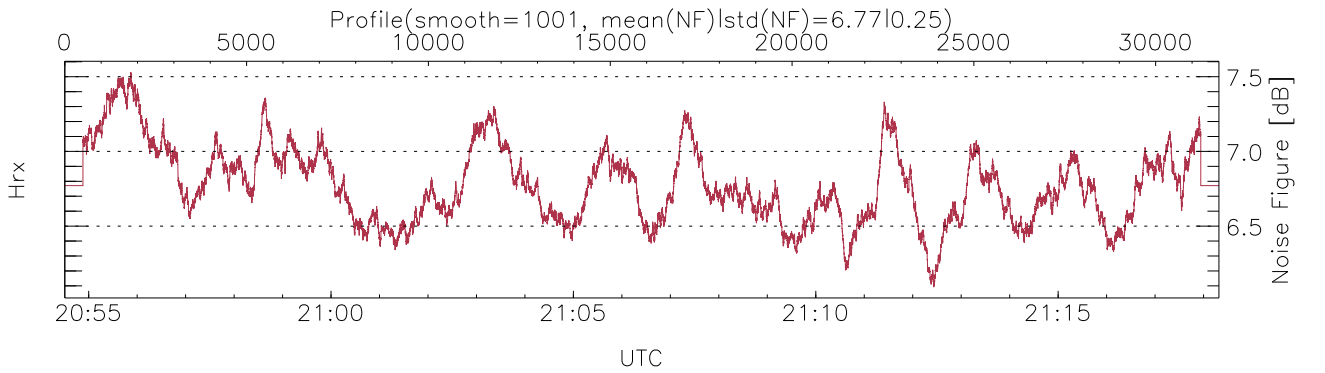
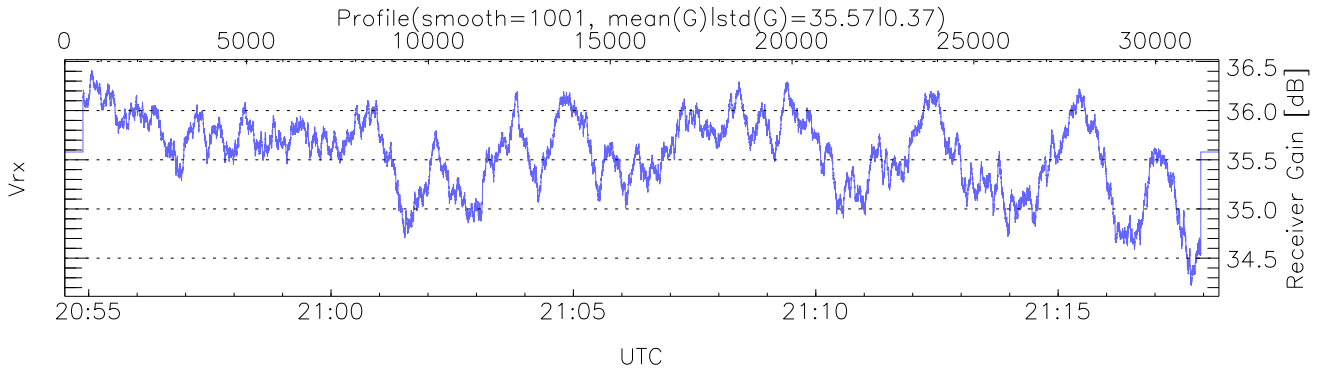
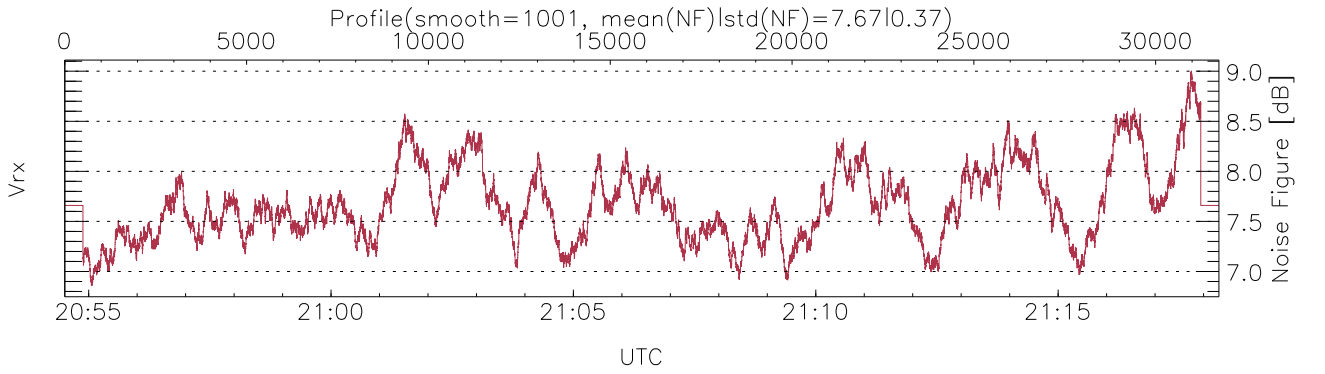
UTC: 20:54:30-21:18:19, TimeCor: 0.00s, Dur: 1428.66s  
 TimeFlg: 1, TFPstatus constant.  
 TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2  
 NumRec(r/t): 31741/31741, 0-31740/20:54:30-21:18:19  
 AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100  
 Pulse: 250ns, 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

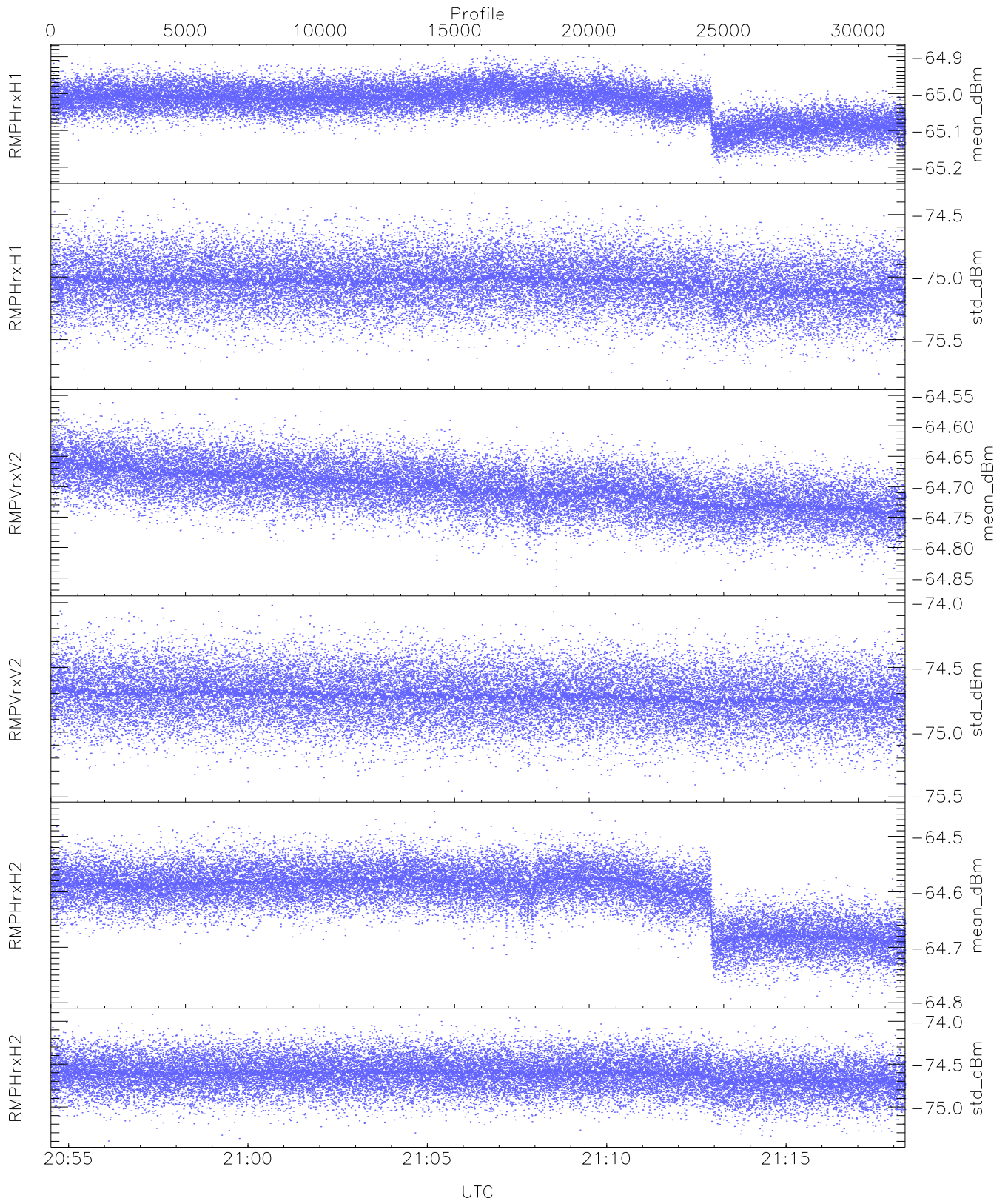
```

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 89,90,20,22,22,22
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,22,24,23,24
LOalarm(20,240,2817,14861 MHz): 0,0,24,0
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,Fault2,DeckF,OverDuty,HVPS,Fault1 (96,96,96,96,140,118,96,96)
    
```



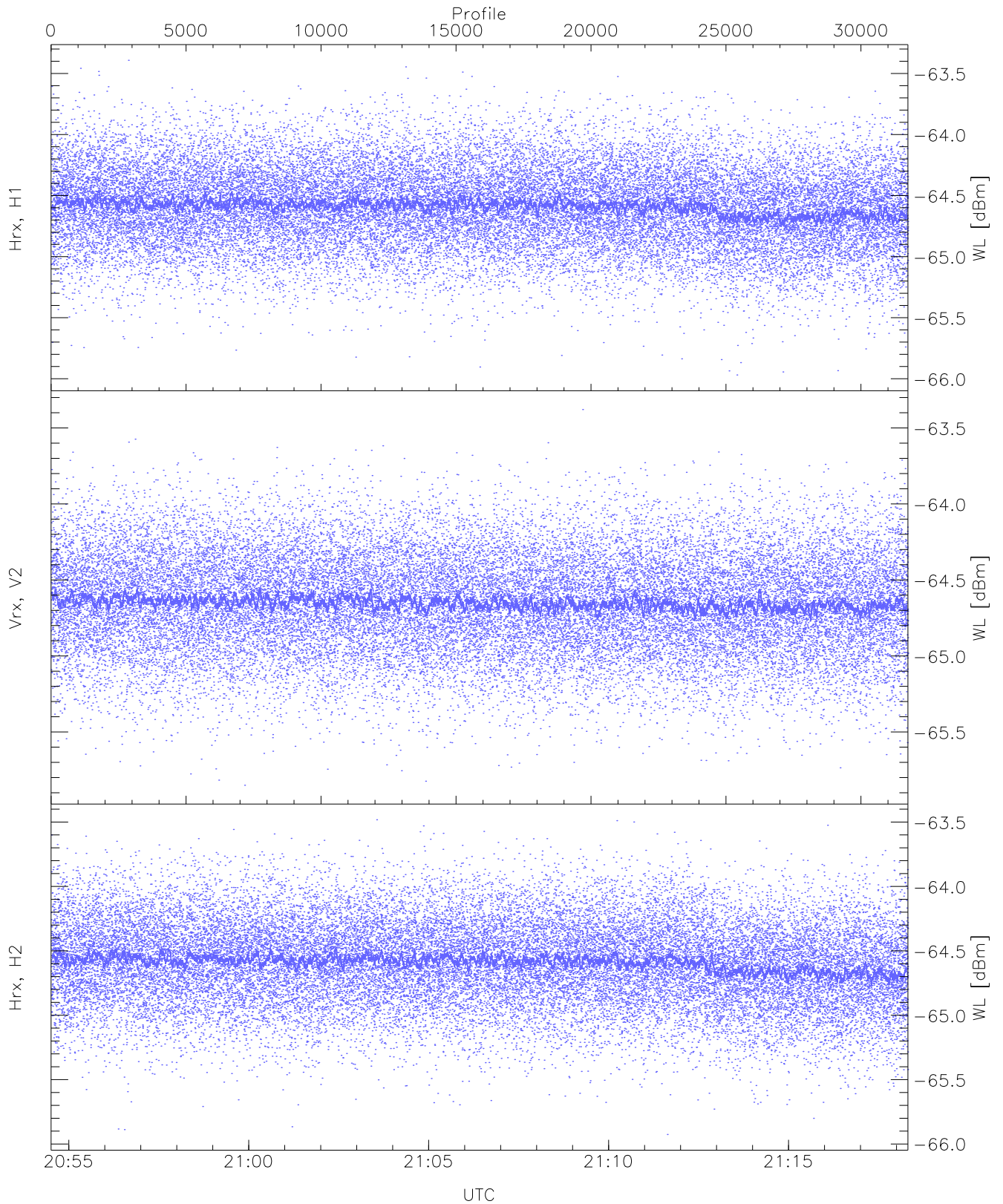
### WCR3 CPP Receivers Gain and Noise Figure

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



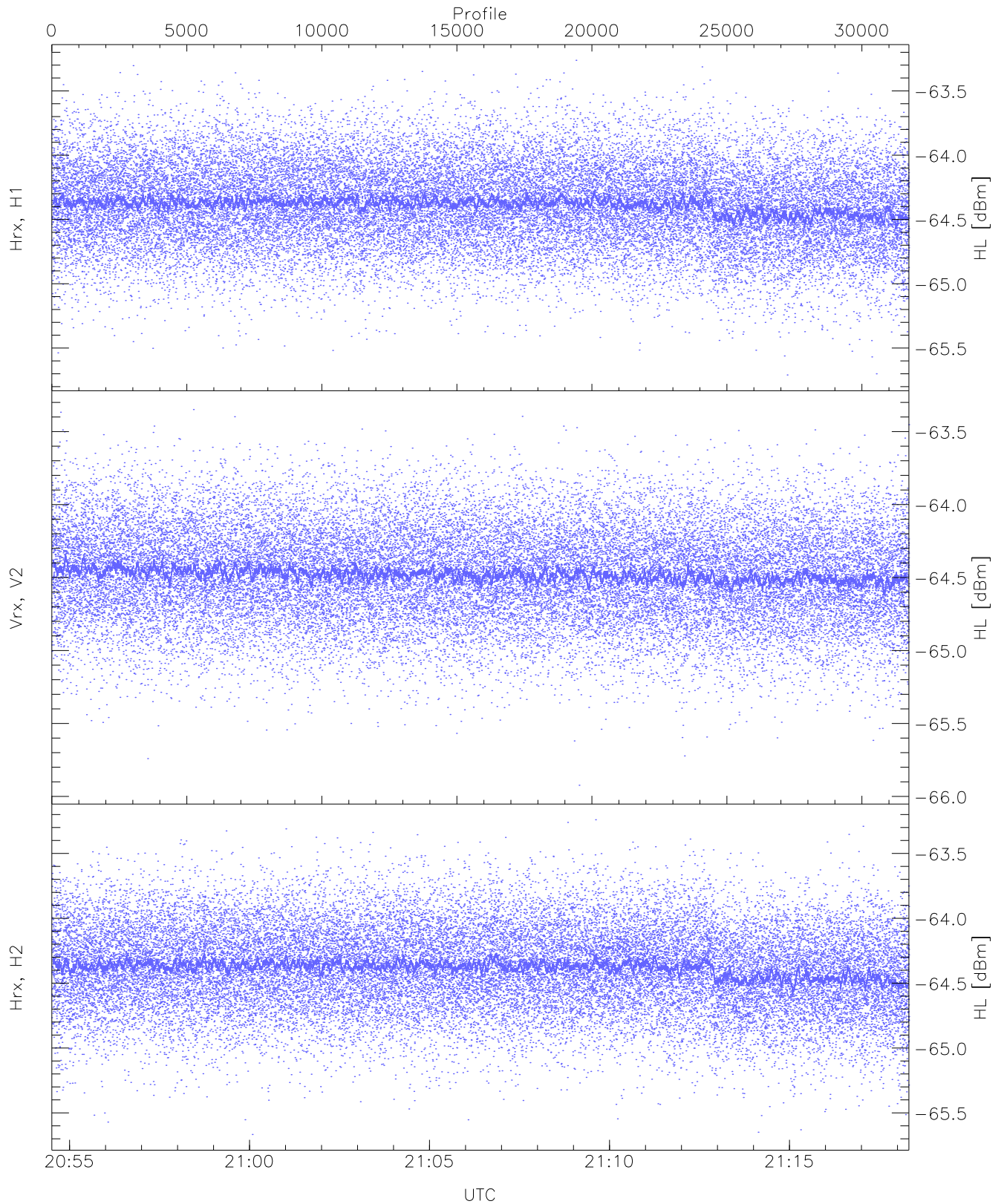
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.23	-64.88	-65.03	-65.02	-84.66
RMPHrxH1(std_dBm)	-75.83	-74.33	-75.04	-75.05	-88.74
RMPVrxV2(mean_dBm)	-64.86	-64.56	-64.70	-64.70	-85.26
RMPVrxV2(std_dBm)	-75.47	-74.02	-74.72	-74.72	-88.48
RMPHrxH2(mean_dBm)	-64.79	-64.45	-64.61	-64.60	-83.90
RMPHrxH2(std_dBm)	-75.40	-73.92	-74.62	-74.62	-88.29



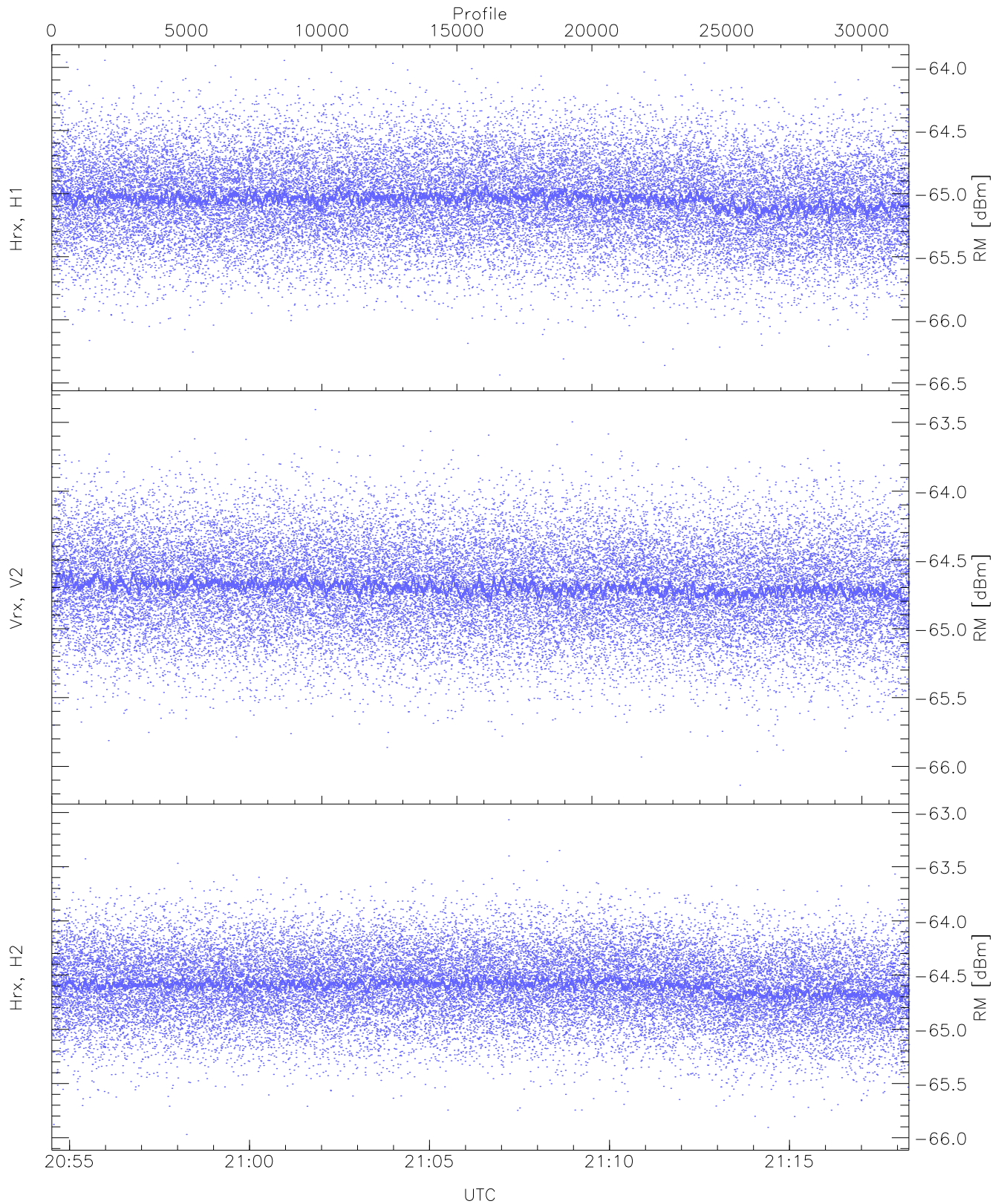
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.97	-63.39	-64.59	-64.59	-76.02
Vrx, V2 (WL [dBm])	-65.85	-63.38	-64.65	-64.65	-76.13
Hrx, H2 (WL [dBm])	-65.93	-63.48	-64.58	-64.59	-76.03



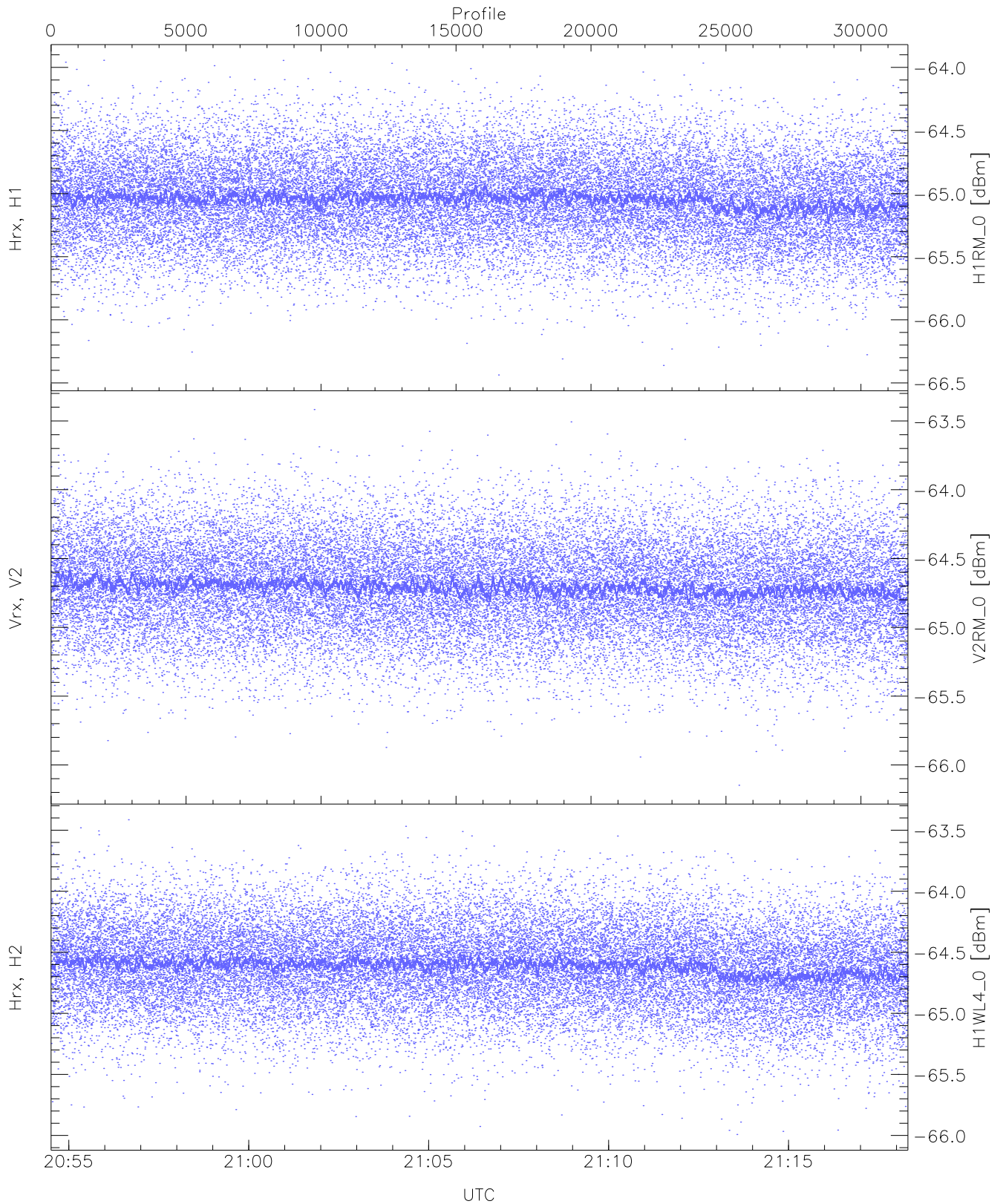
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.71	-63.26	-64.38	-64.39	-75.85
Vrx, V2 (HL [dBm])	-65.92	-63.35	-64.47	-64.48	-75.98
Hrx, H2 (HL [dBm])	-65.67	-63.24	-64.38	-64.39	-75.85



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

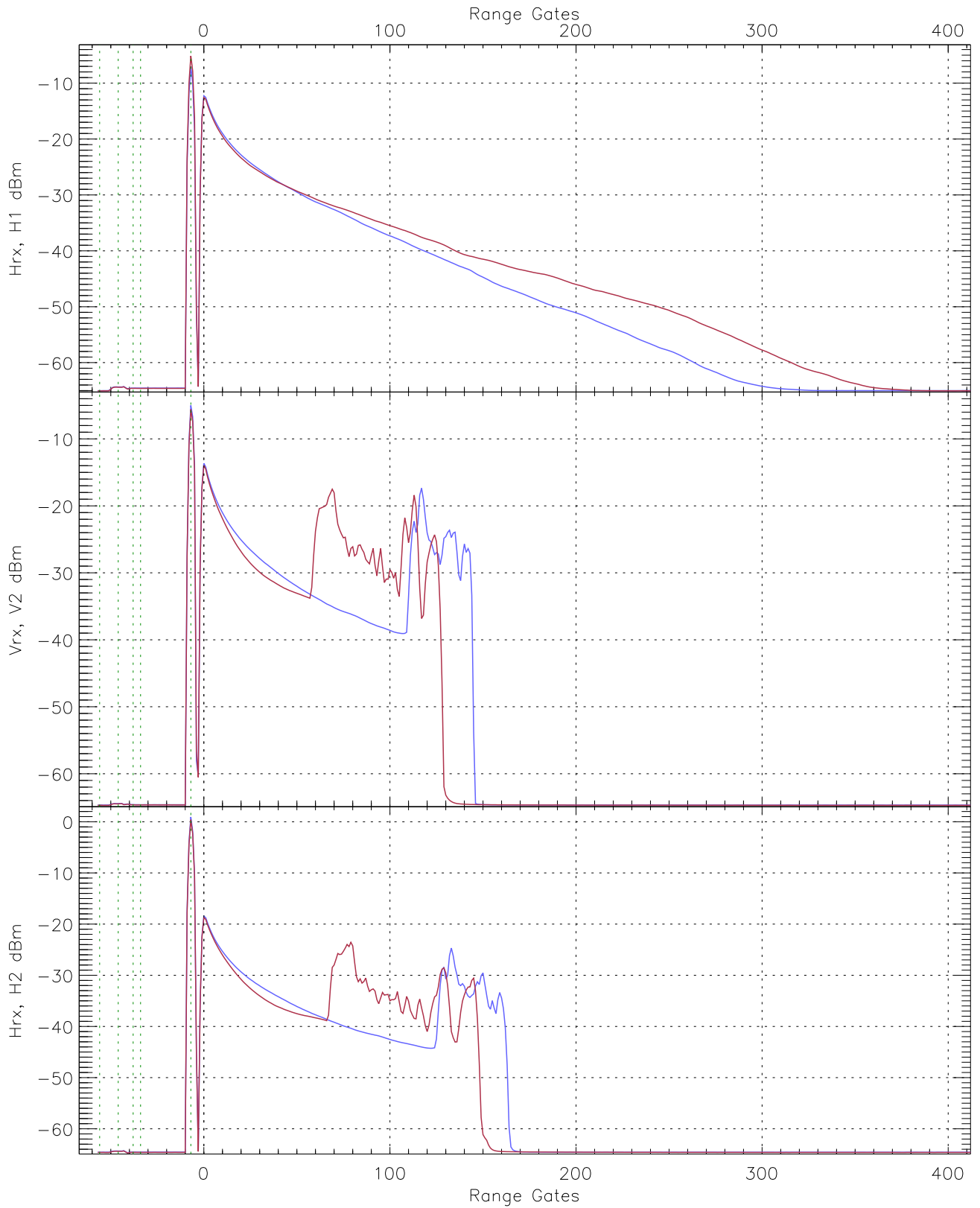
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.44	-63.94	-65.04	-65.05	-76.52
Vrx, V2 (RM [dBm])	-66.14	-63.41	-64.69	-64.70	-76.15
Hrx, H2 (RM [dBm])	-65.97	-63.07	-64.59	-64.60	-76.05



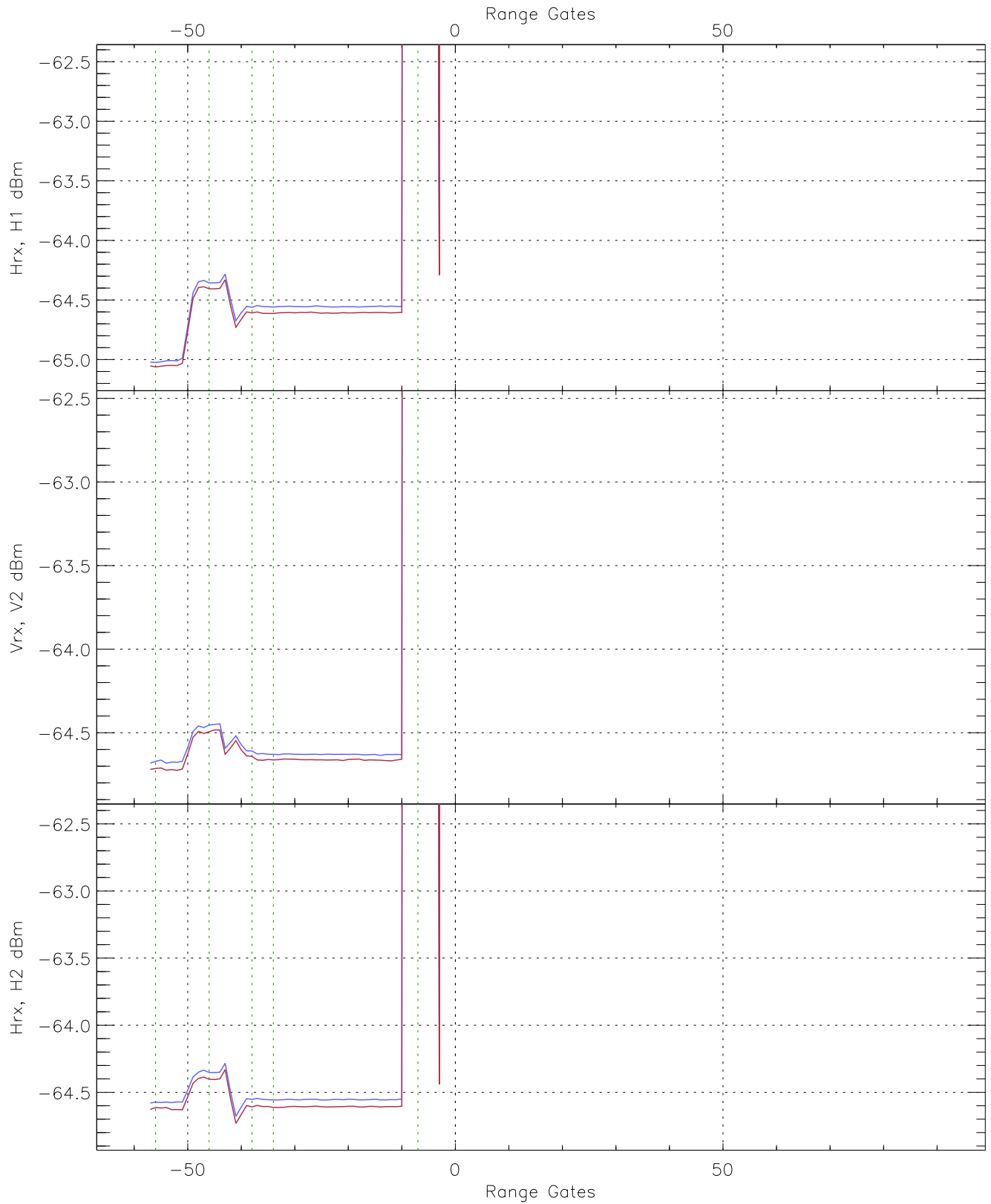
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-66.44	-63.94	-65.04	-65.05	-76.52
V2RM_0 [dBm]	-66.15	-63.42	-64.70	-64.71	-76.16
H1WL4_0 [dBm]	-65.99	-63.41	-64.61	-64.61	-76.05

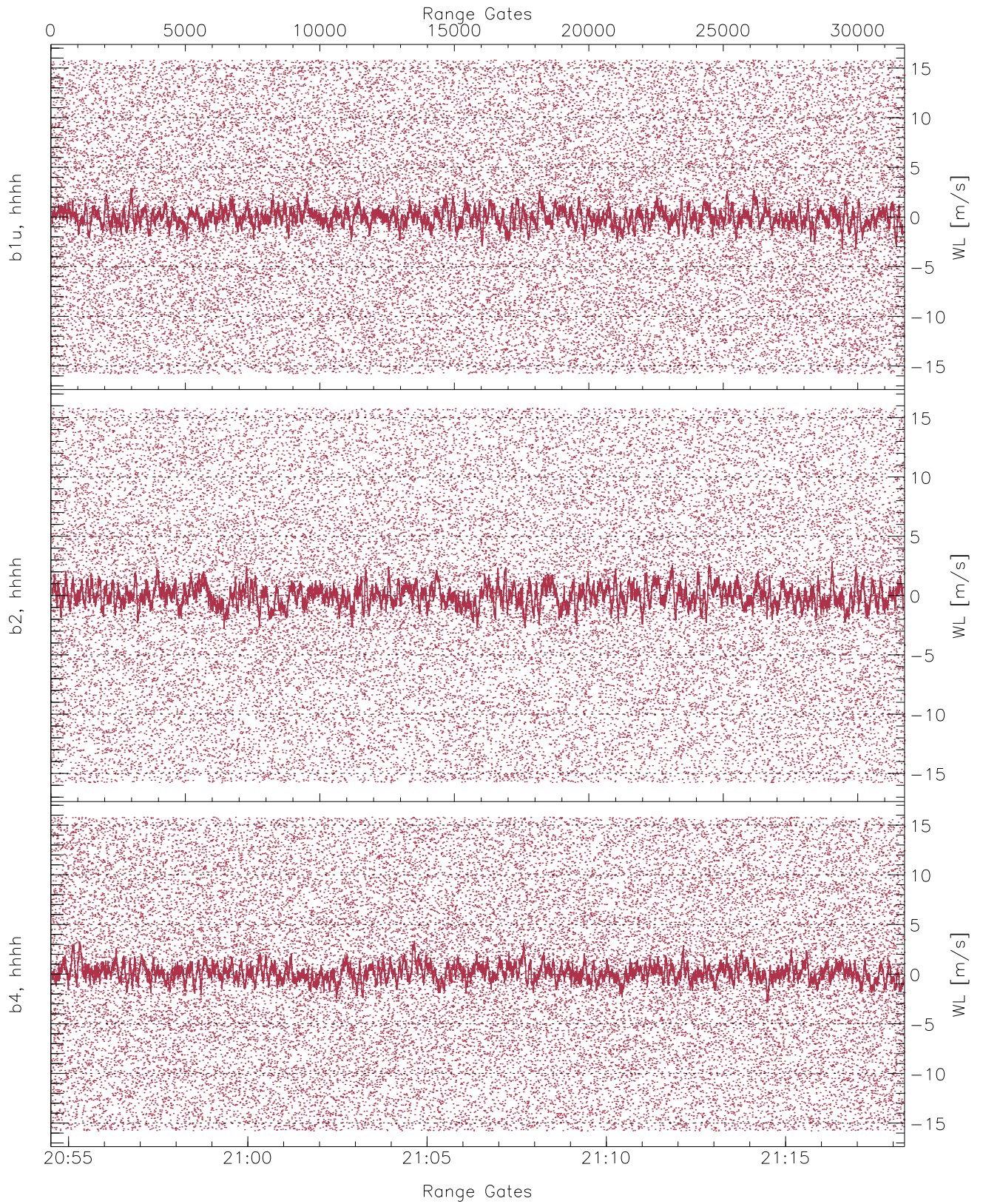




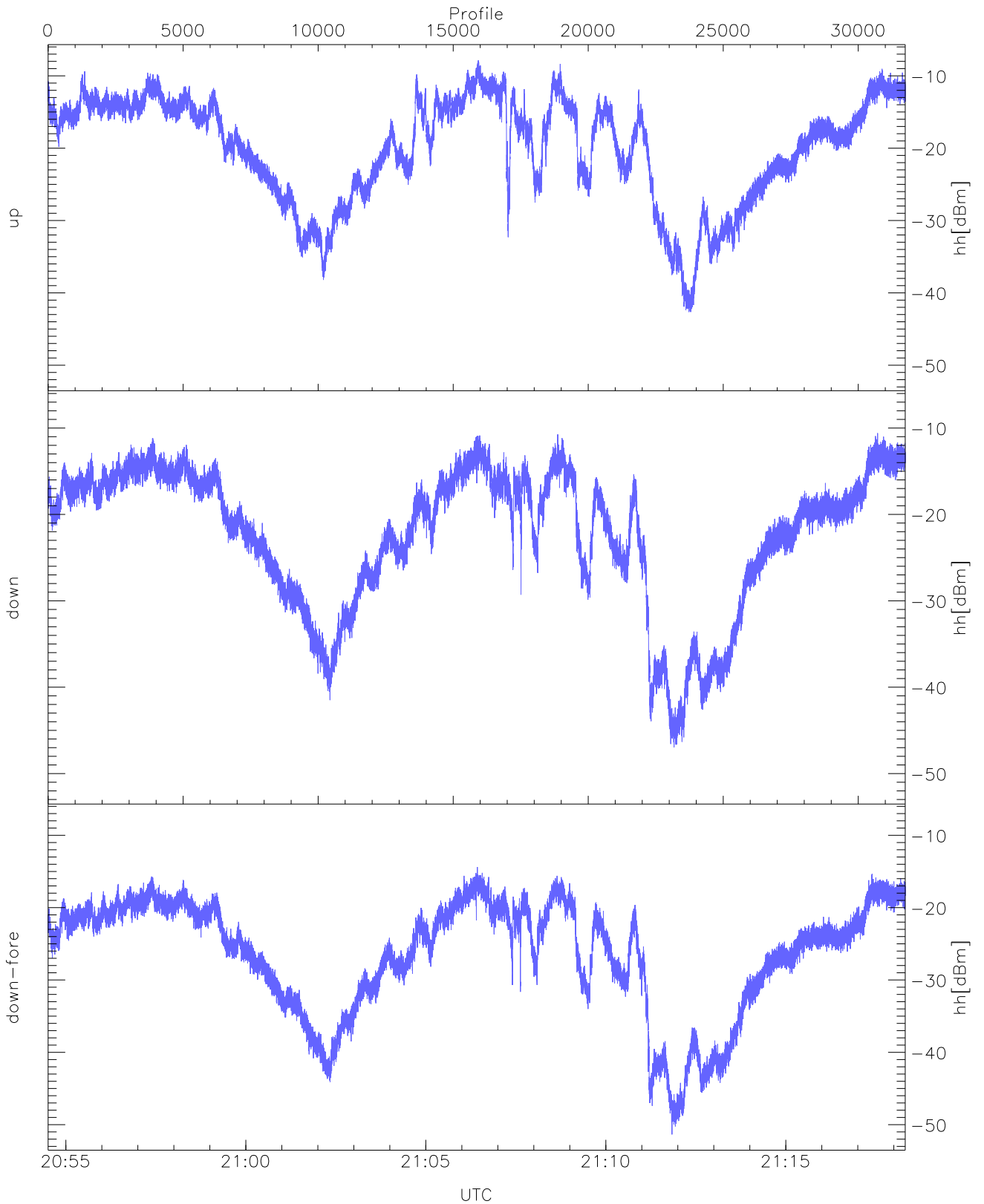
WCR3 CPP Averaged Received power for all recorded gates  
blue: 205430-210625, 15871 profiles averaged  
red: 210625-211819, 15871 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 205430-210625, 15871 profiles averaged  
red: 210625-211819, 15871 profiles averaged

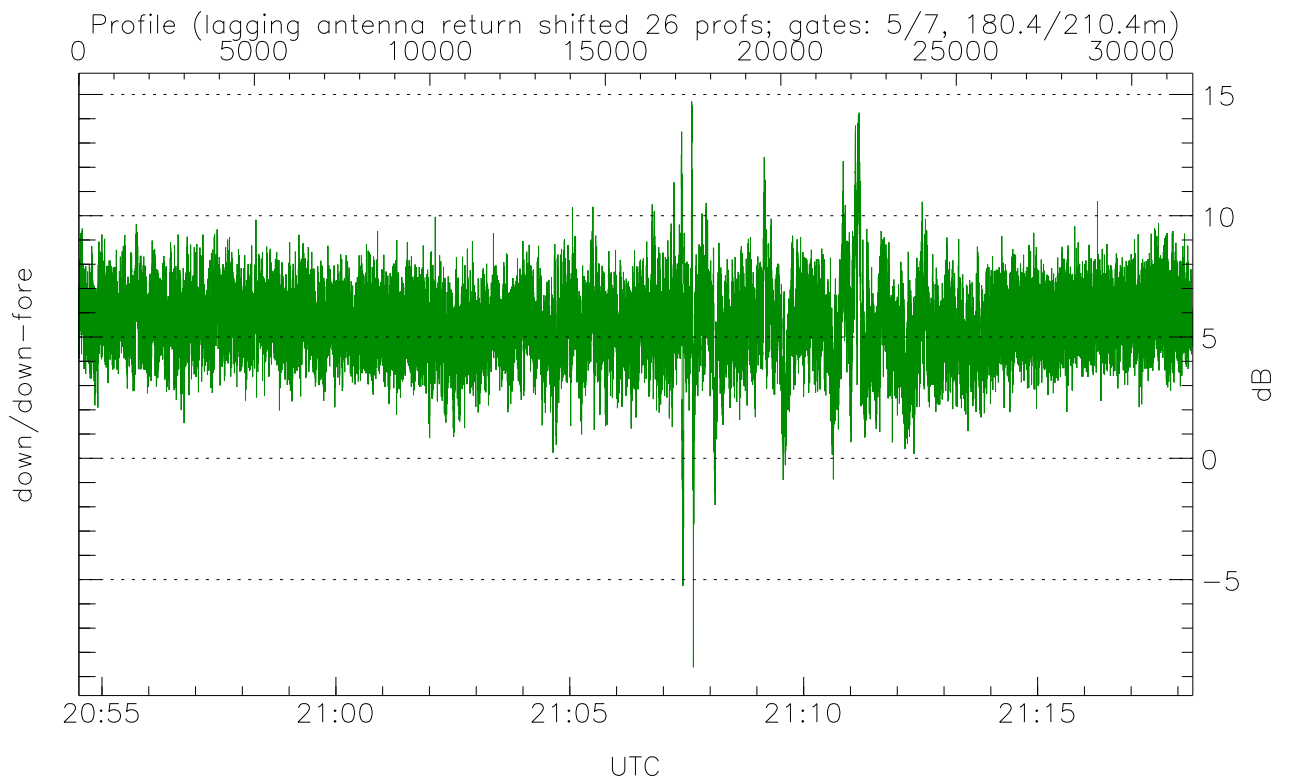
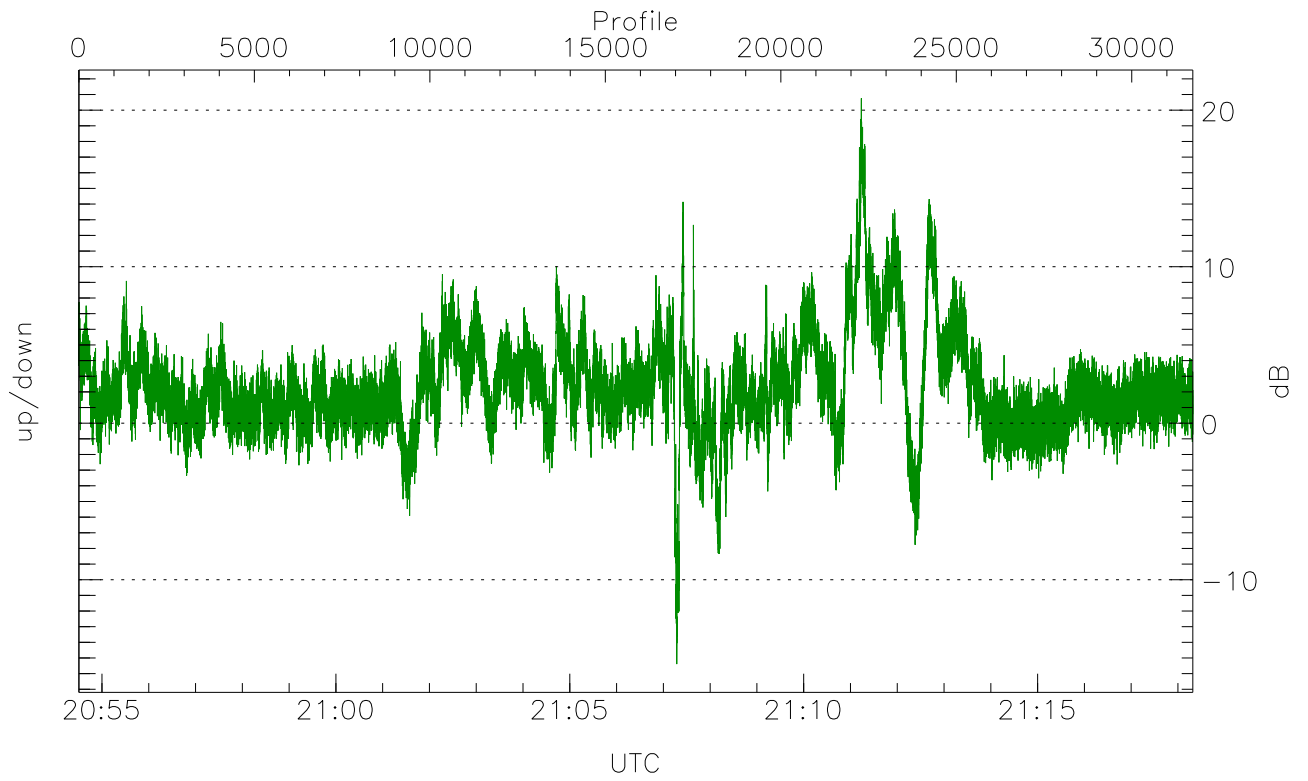


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



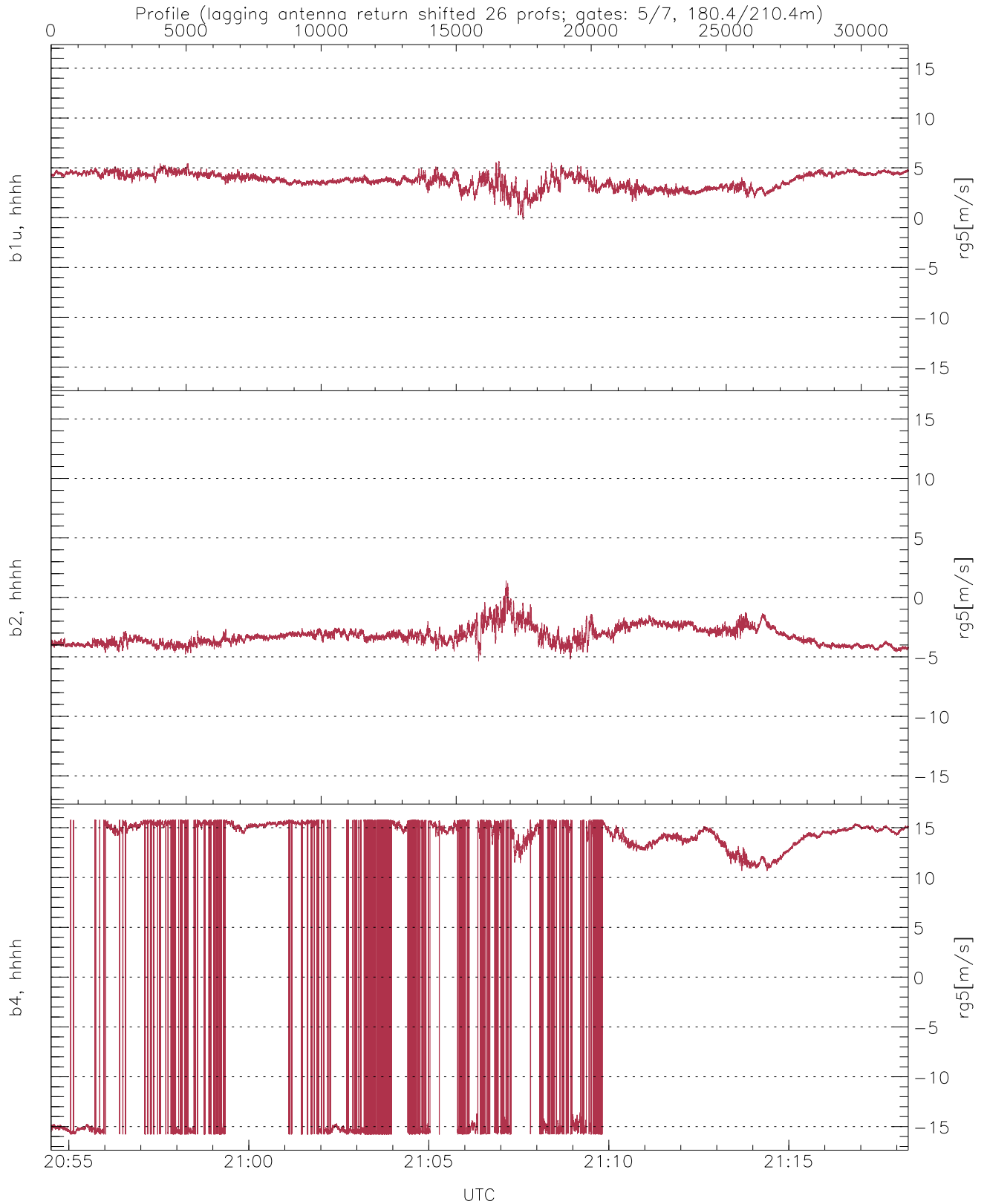
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-42.65	-7.86	-16.25
down(hh[dBm])	-46.95	-10.59	-18.19
down-fore(hh[dBm])	-51.35	-14.38	-22.54



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

	Min	Max	Mean
up/down (dB)	-15.39	20.76	2.28
down/down-fore (dB)	-8.61	14.71	5.56



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-0.18	5.68	3.70	0.77
b2, hhhh(rg5[m/s])	-5.38	1.41	-3.23	0.77
b4, hhhh(rg5[m/s])	-15.79	15.79	7.27	12.84