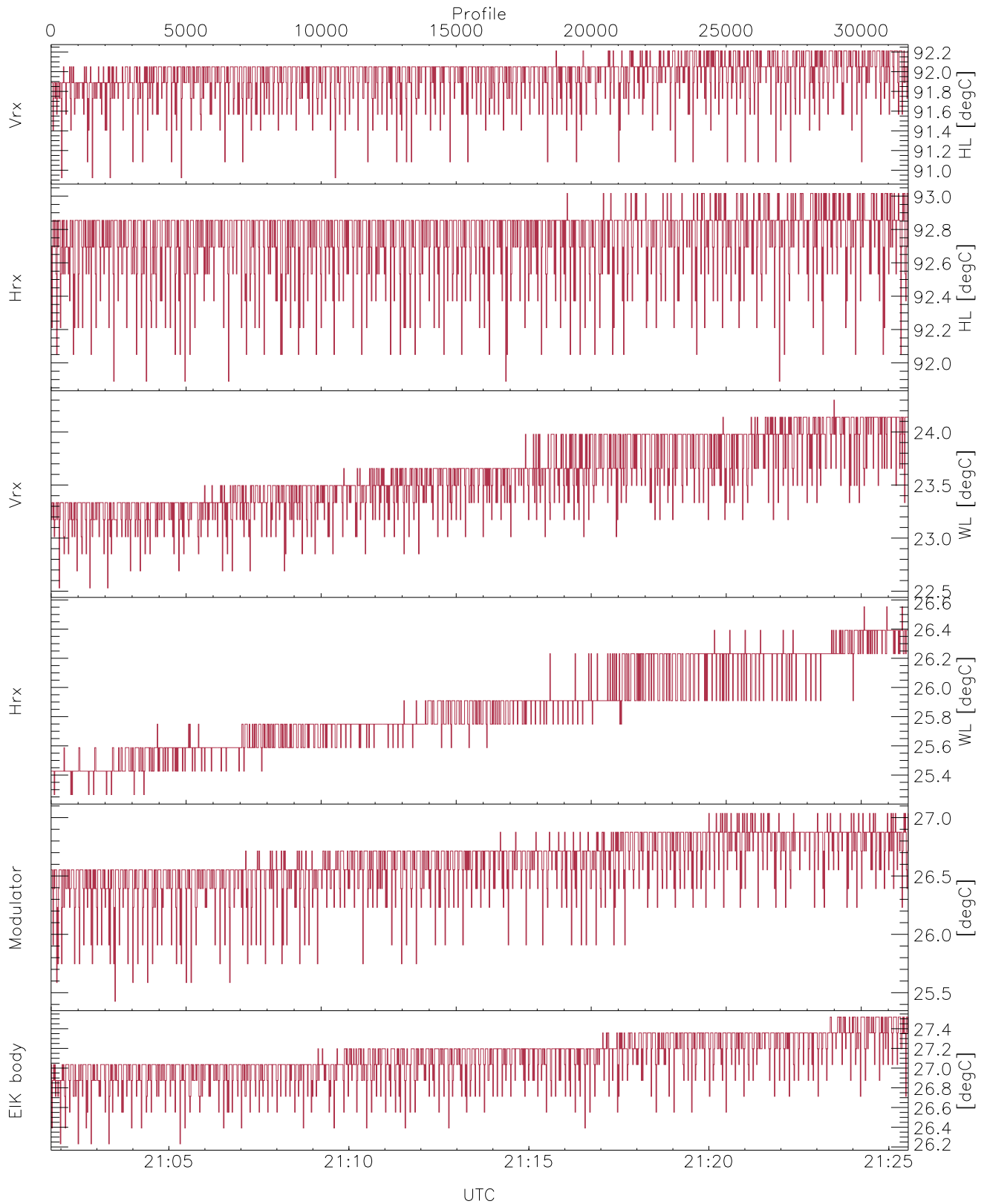


WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

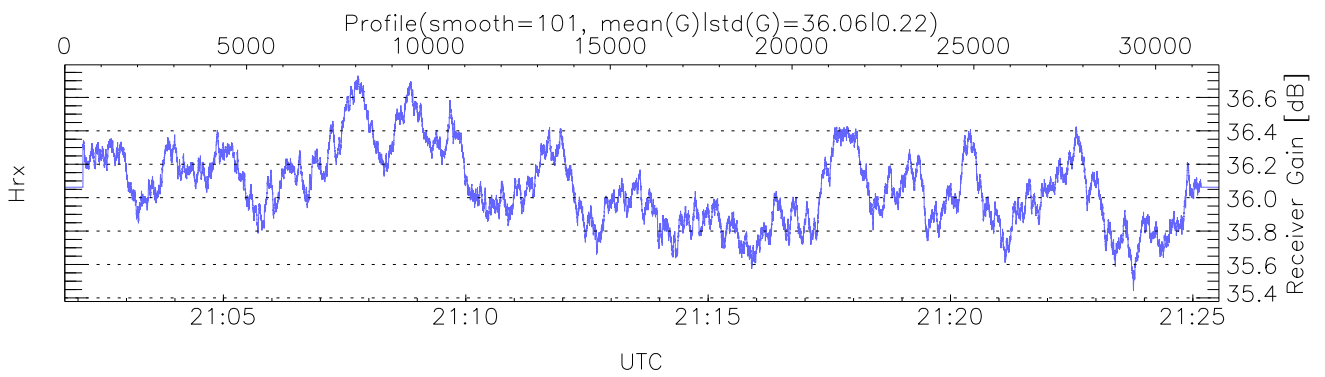
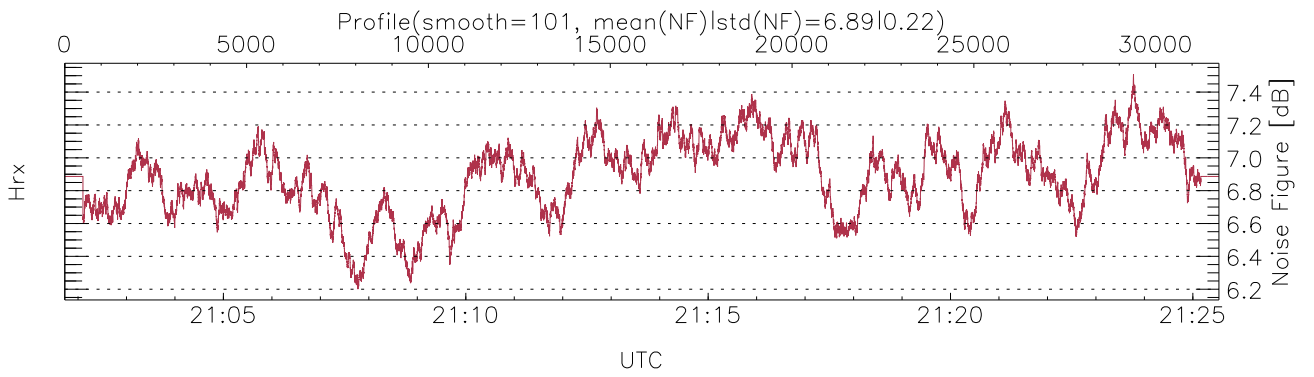
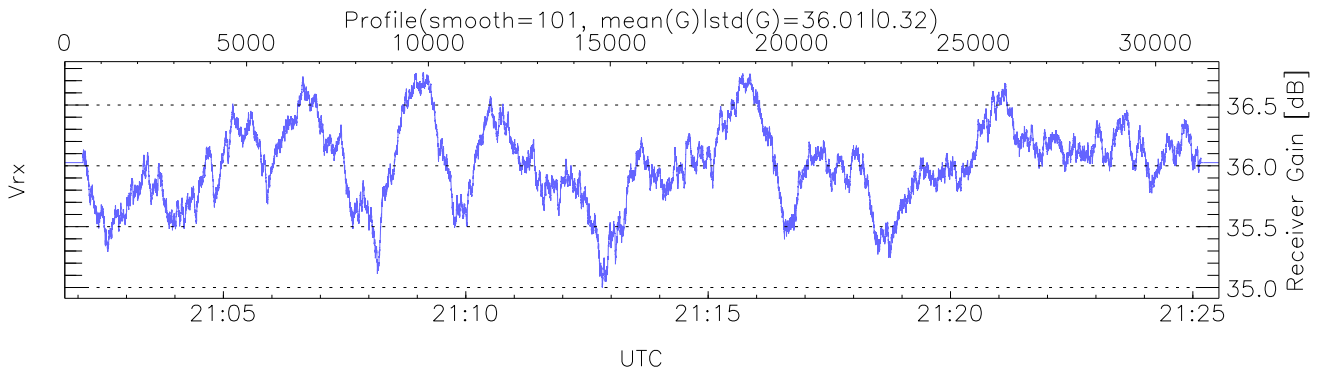
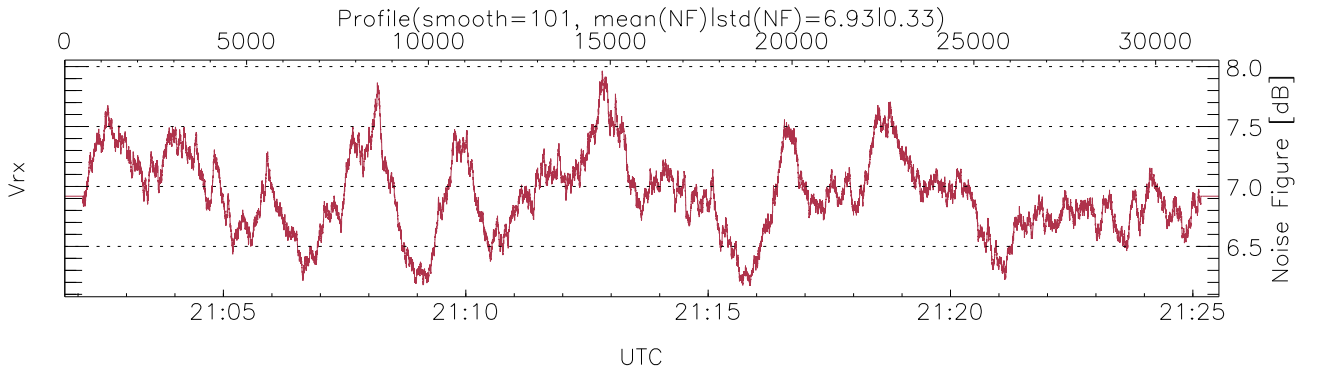
UTC: 21:01:44-21:25:32, TimeCor: 0.00s, Dur: 1428.66s  
 TimeFlg: 1, TFPstatus constant.  
 TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2  
 NumRec(r/t): 31741/31741, 0-31740/21:01:44-21:25:32  
 AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100  
 Pulse: 250ns, 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 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

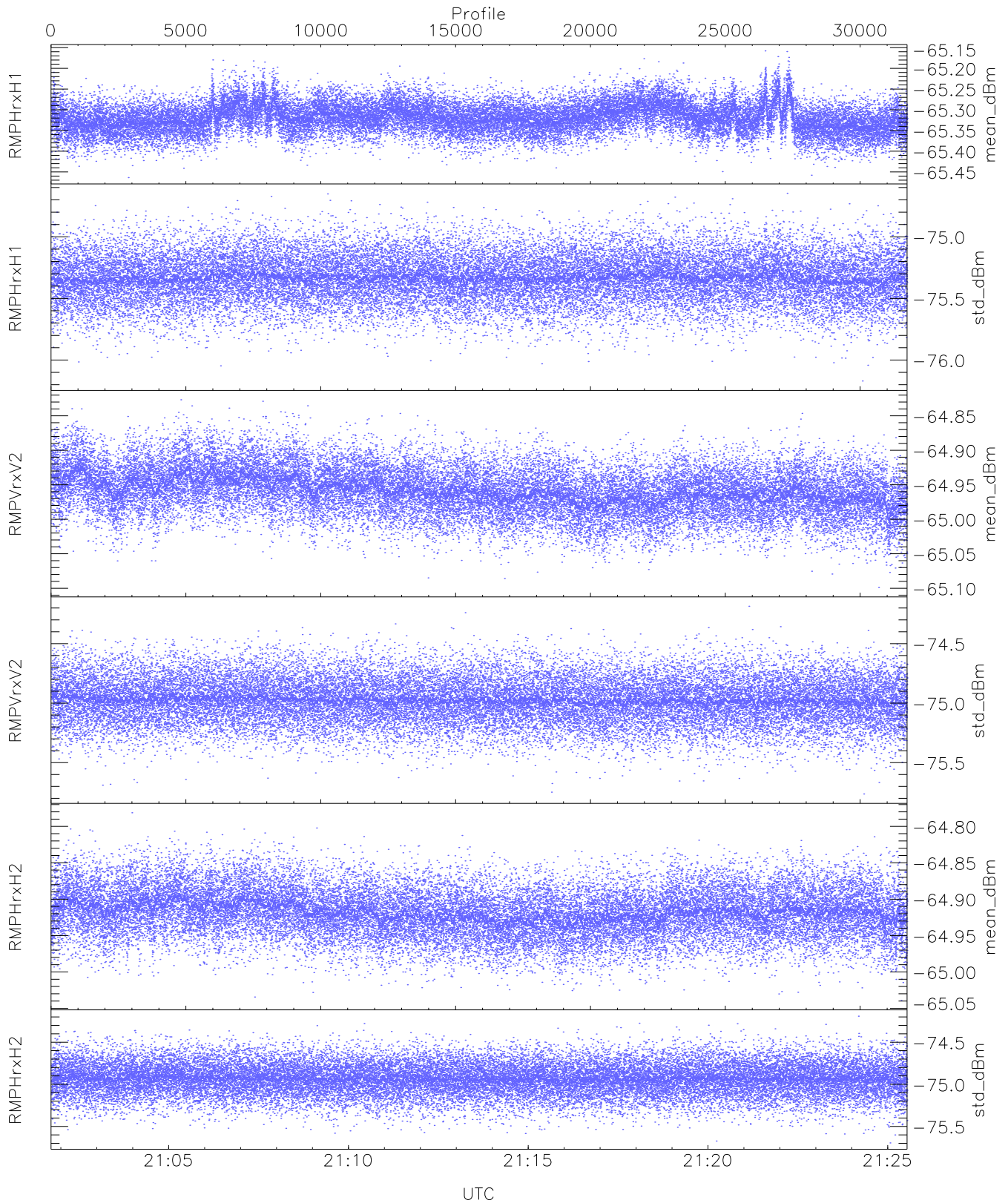
```

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,22,25,25,26
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,24,26,27,27
LOalarm(20,240,2817,14861 MHz): 0,0,22,0
EIK Faults(# prof affected):
  DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (22,22,22,22,22,22)
    
```



### WCR3 CPP Receivers Gain and Noise Figure

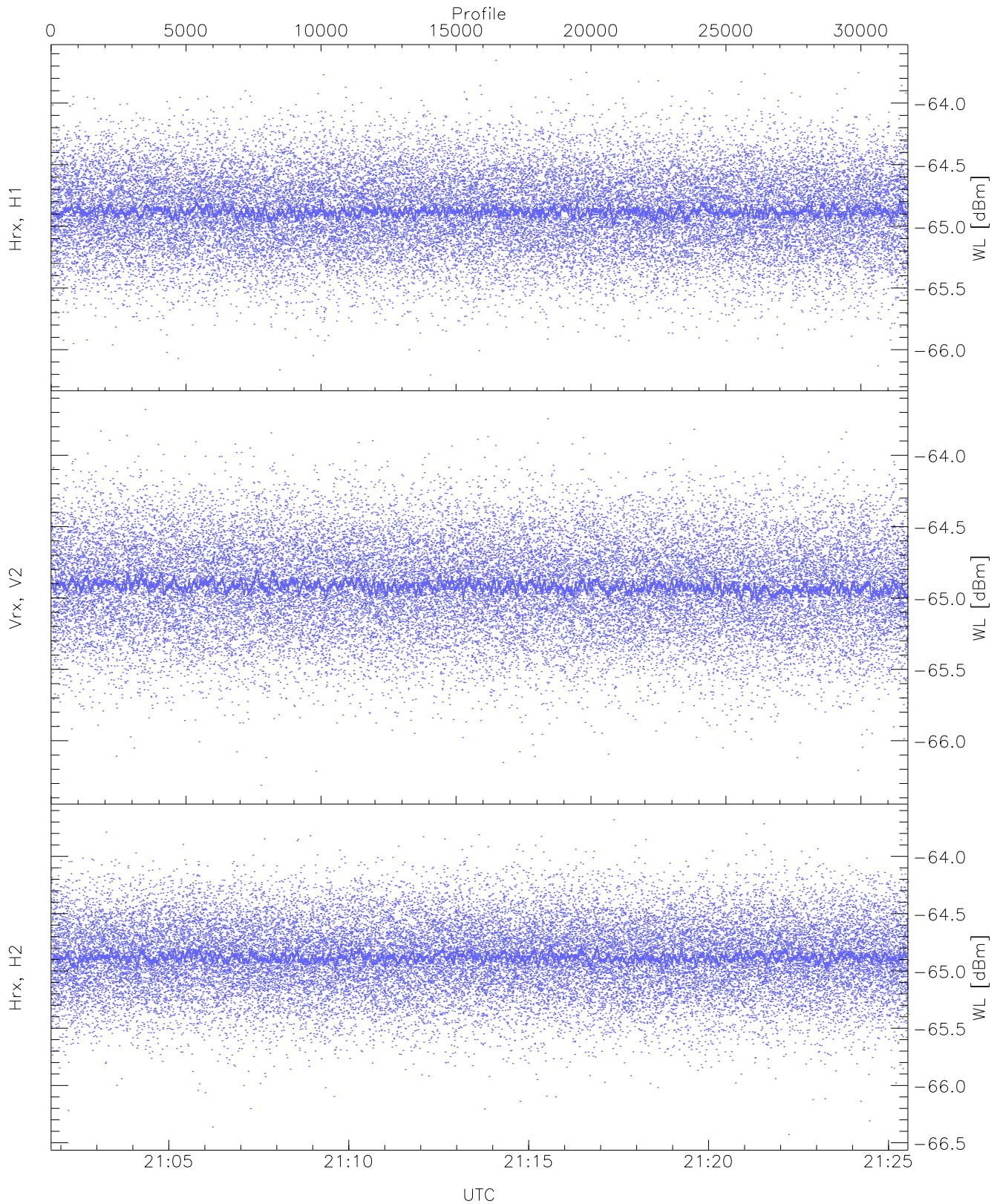
Rx Saturation: 0 pixs, 0 gates, 0 profs, 0 prod(s)



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

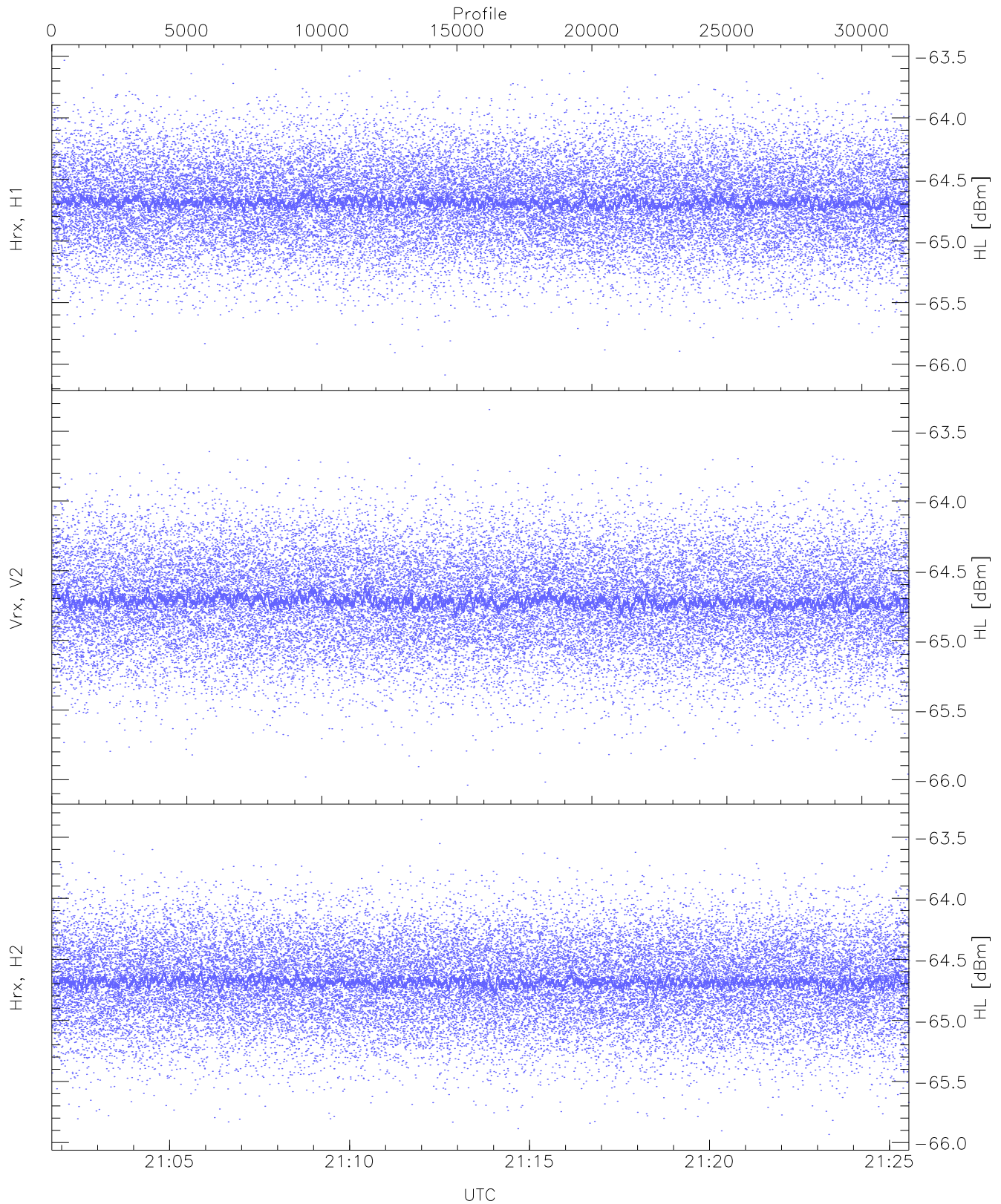
	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.46	-65.16	-65.32	-65.32	-86.25
RMPHrxH1(std_dBm)	-76.17	-74.65	-75.33	-75.33	-89.11
RMPVrxV2(mean_dBm)	-65.10	-64.83	-64.96	-64.96	-86.11
RMPVrxV2(std_dBm)	-75.76	-74.19	-74.98	-74.98	-88.76
RMPHrxH2(mean_dBm)	-65.04	-64.78	-64.92	-64.92	-86.28
RMPHrxH2(std_dBm)	-75.70	-74.19	-74.93	-74.94	-88.71





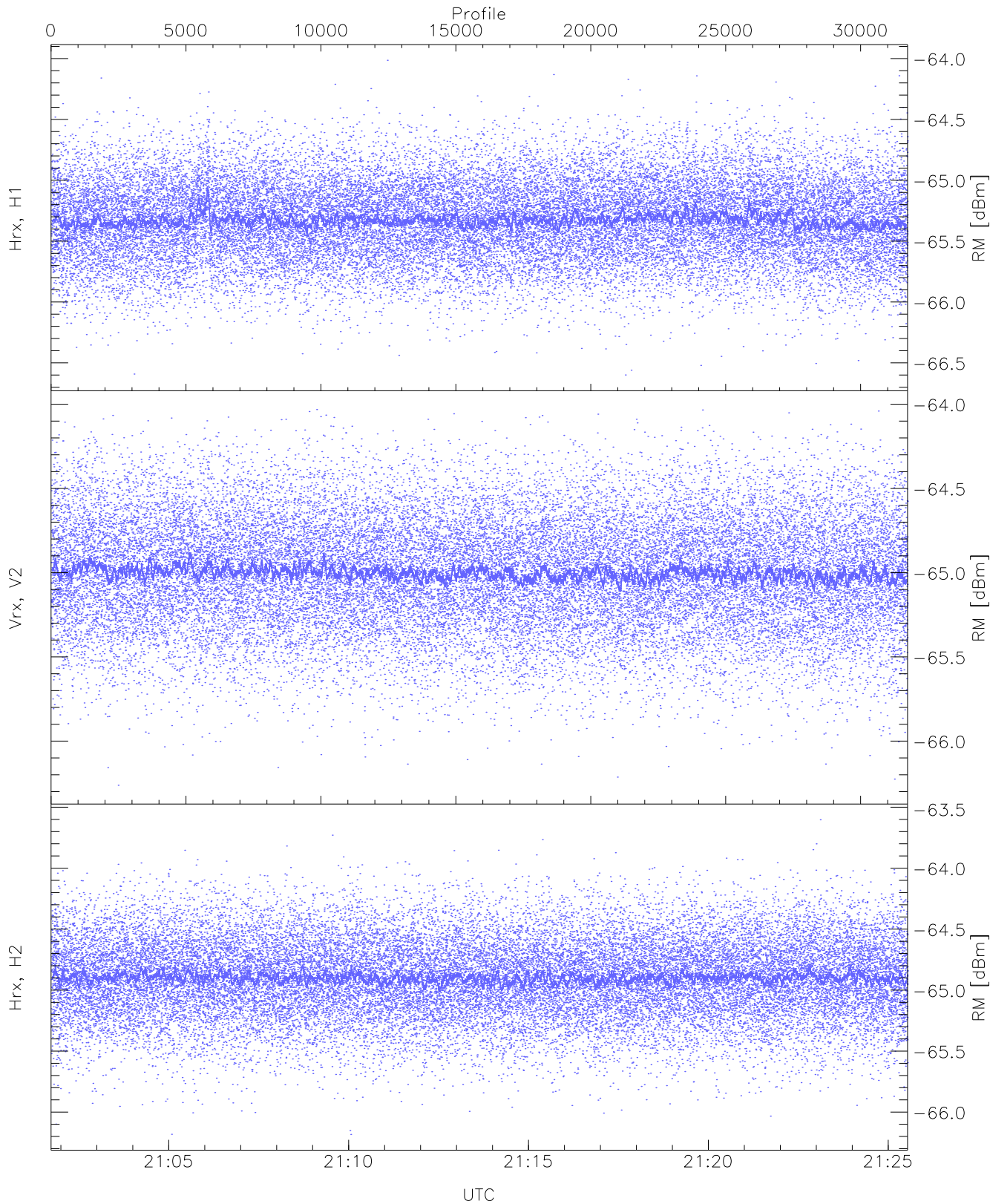
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.21	-63.65	-64.87	-64.88	-76.39
Vrx, V2 (WL [dBm])	-66.31	-63.68	-64.91	-64.92	-76.40
Hrx, H2 (WL [dBm])	-66.43	-63.68	-64.87	-64.88	-76.38



WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

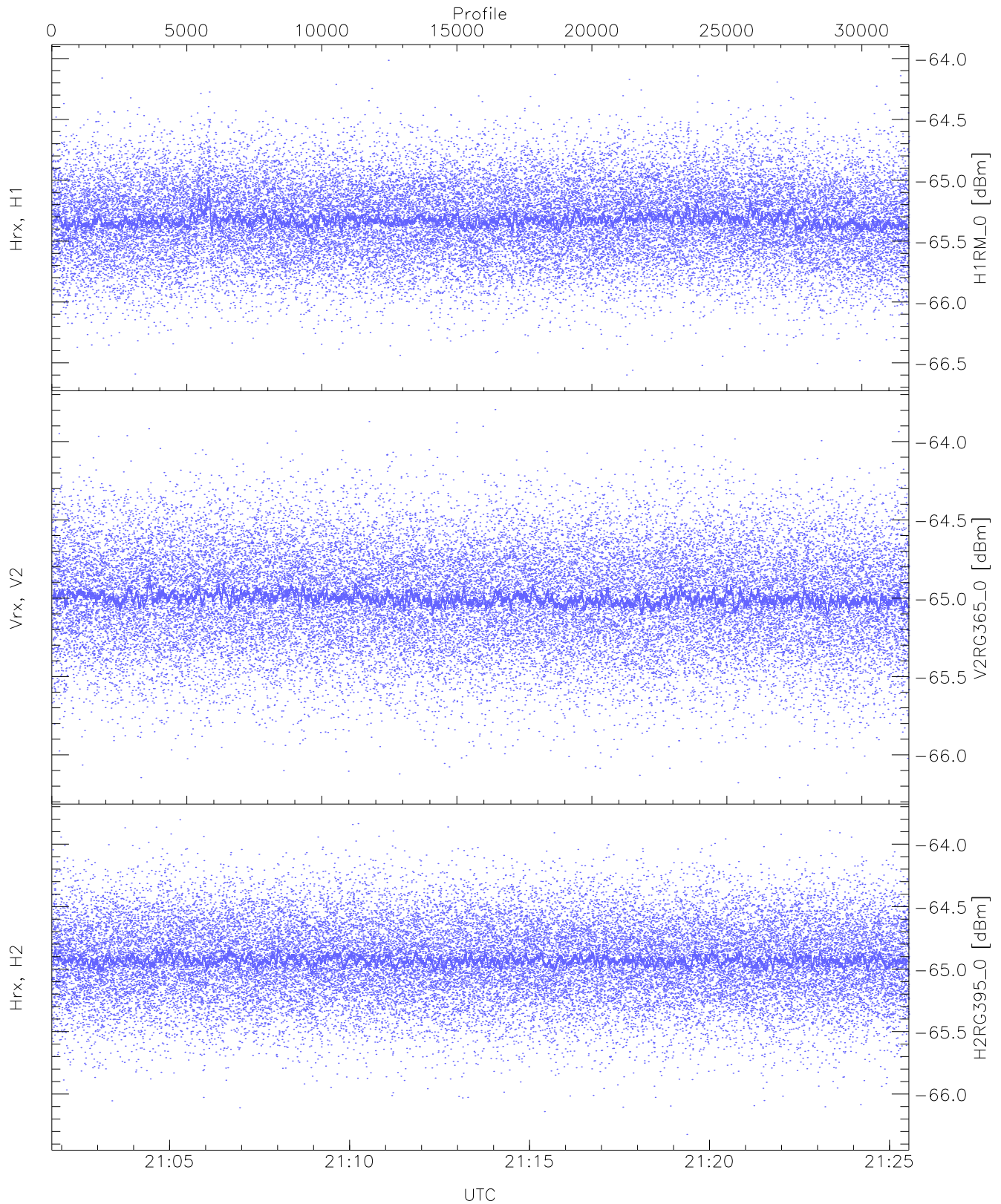
	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.09	-63.53	-64.68	-64.68	-76.20
Vrx, V2 (HL [dBm])	-66.04	-63.34	-64.71	-64.72	-76.21
Hrx, H2 (HL [dBm])	-65.93	-63.36	-64.68	-64.68	-76.14



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

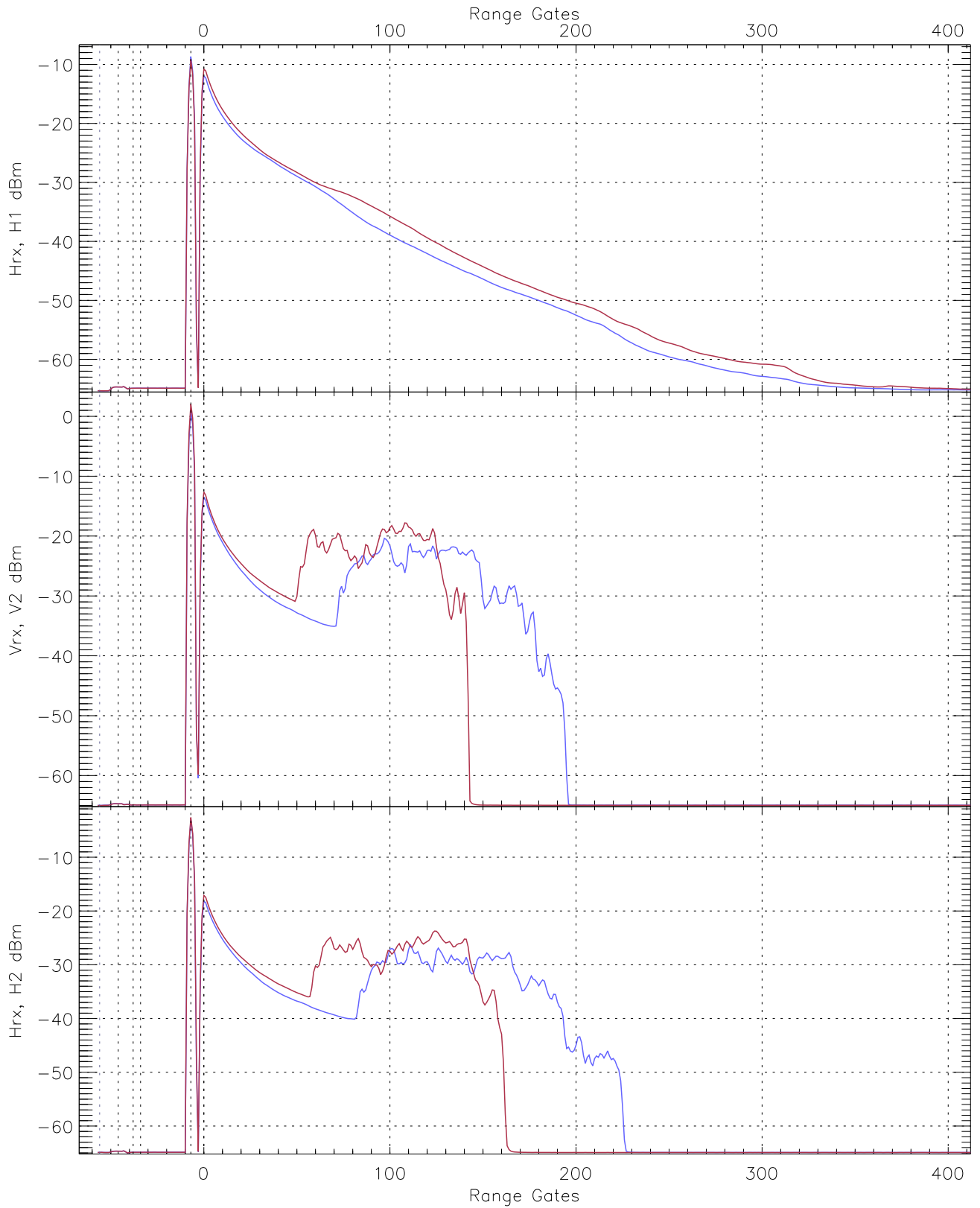
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.60	-64.01	-65.32	-65.33	-76.80
Vrx, V2 (RM [dBm])	-66.26	-64.03	-64.99	-65.00	-76.49
Hrx, H2 (RM [dBm])	-66.18	-63.60	-64.89	-64.90	-76.40





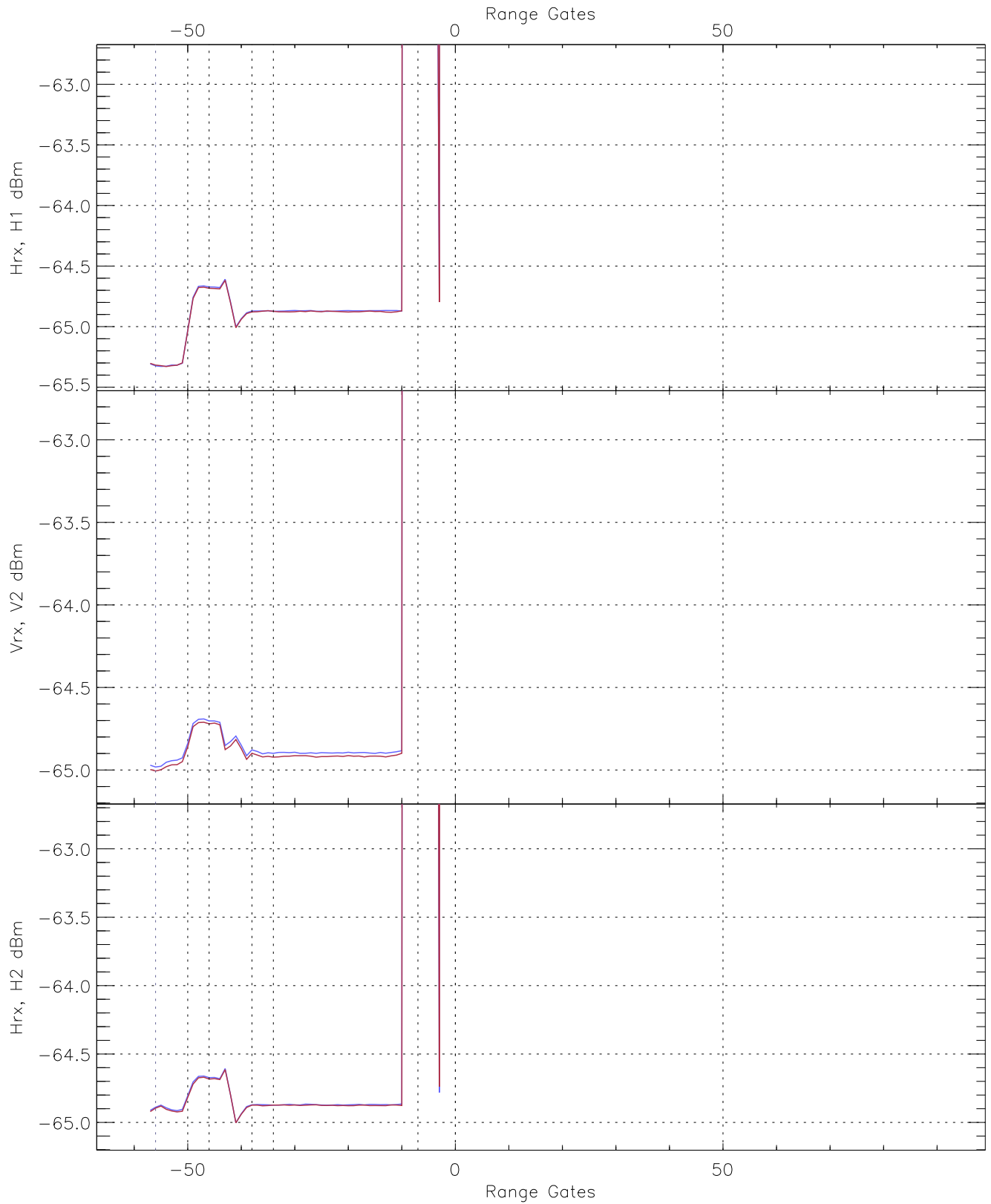
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-66.60	-64.01	-65.32	-65.33	-76.80
V2RG365_0 [dBm]	-66.19	-63.80	-64.99	-65.00	-76.51
H2RG395_0 [dBm]	-66.32	-63.80	-64.92	-64.93	-76.45

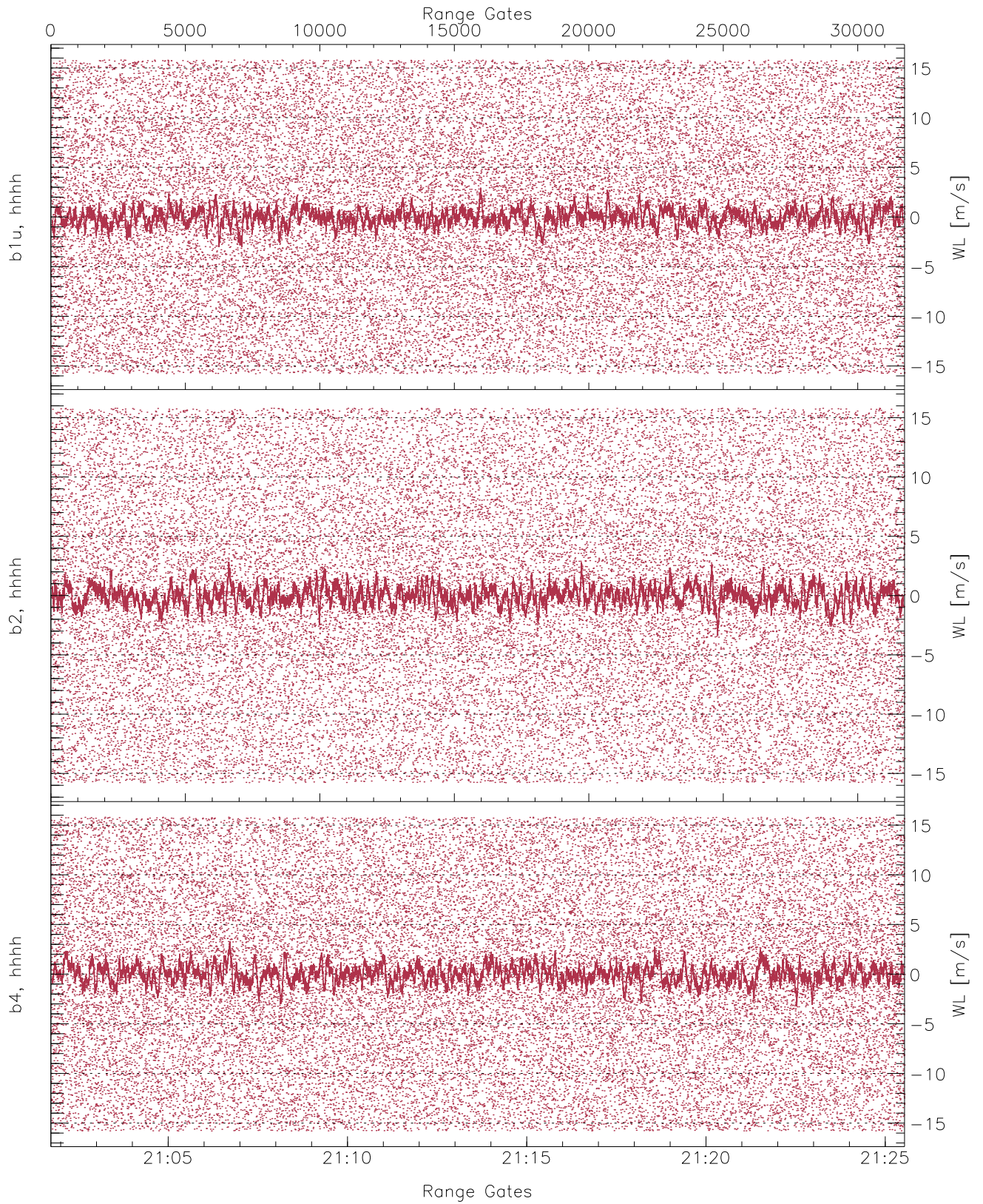


WCR3 CPP Averaged Received power for all recorded gates  
blue: 210144-211338, 15871 profiles averaged  
red: 211338-212532, 15871 profiles averaged

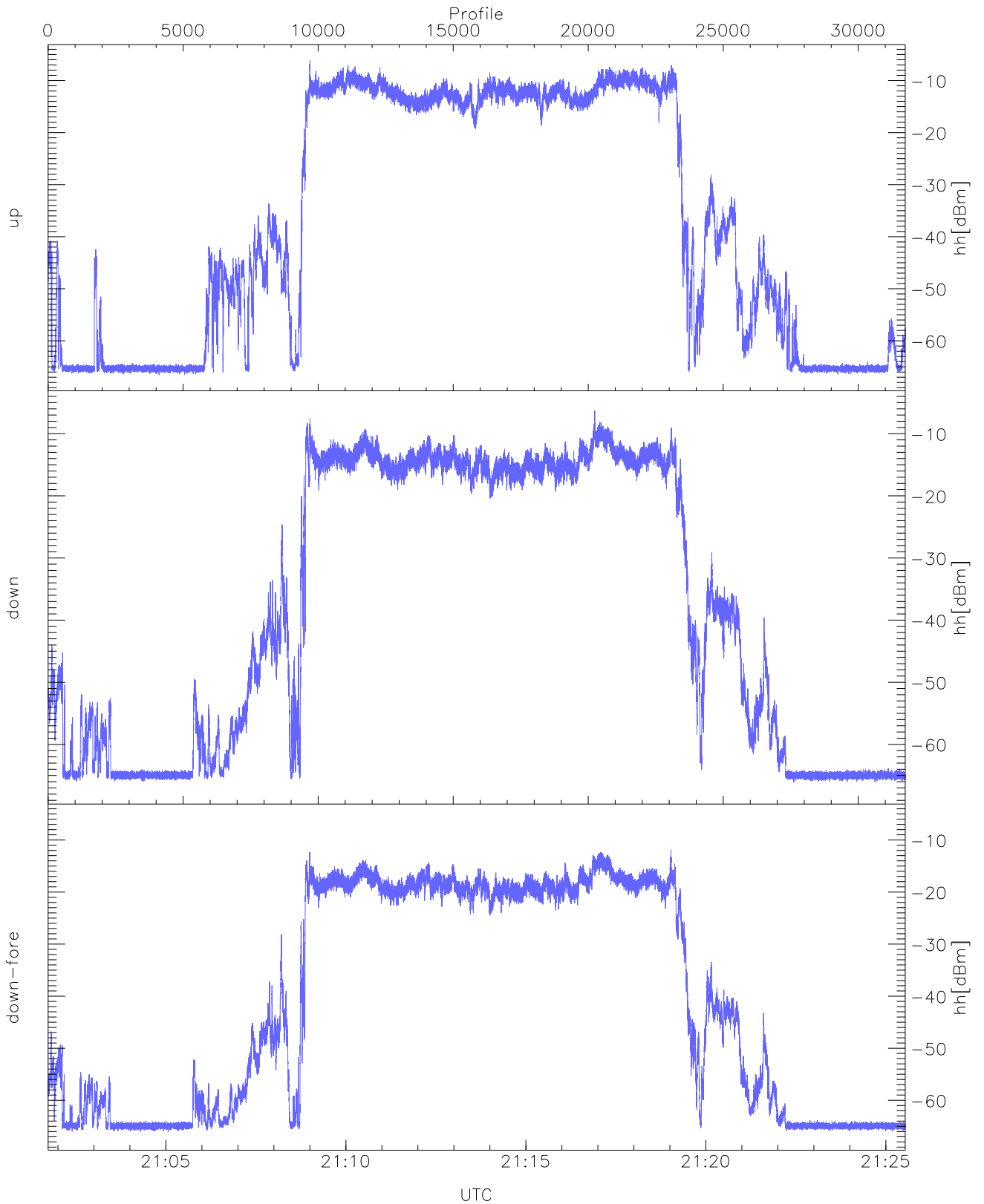




WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 210144-211338, 15871 profiles averaged  
red: 211338-212532, 15871 profiles averaged

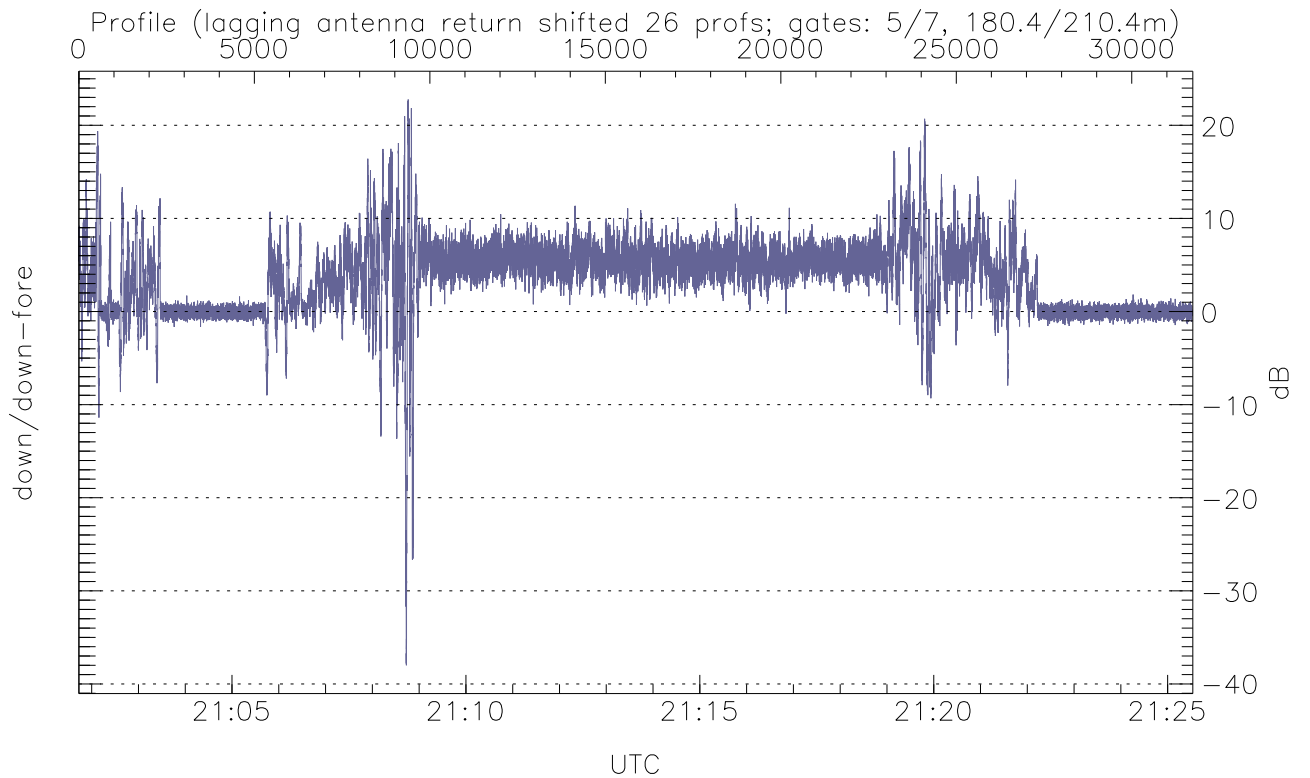
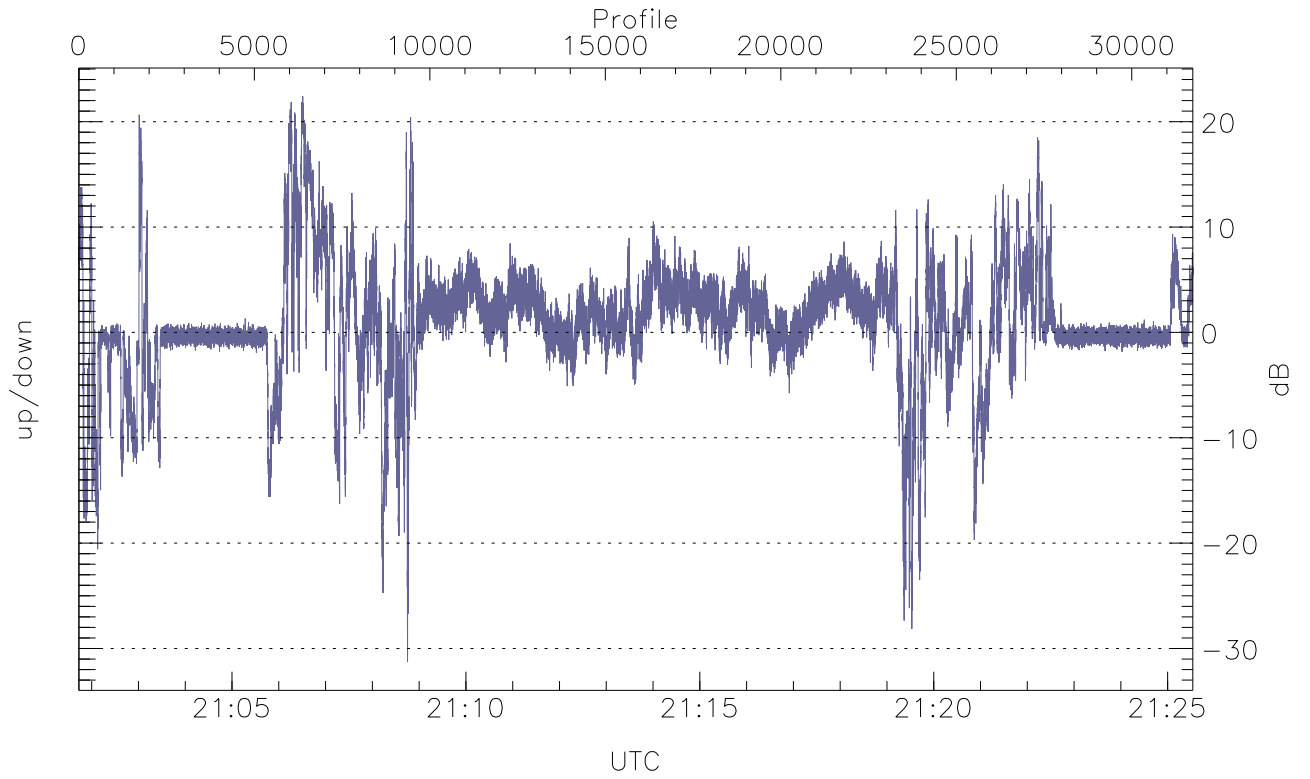


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



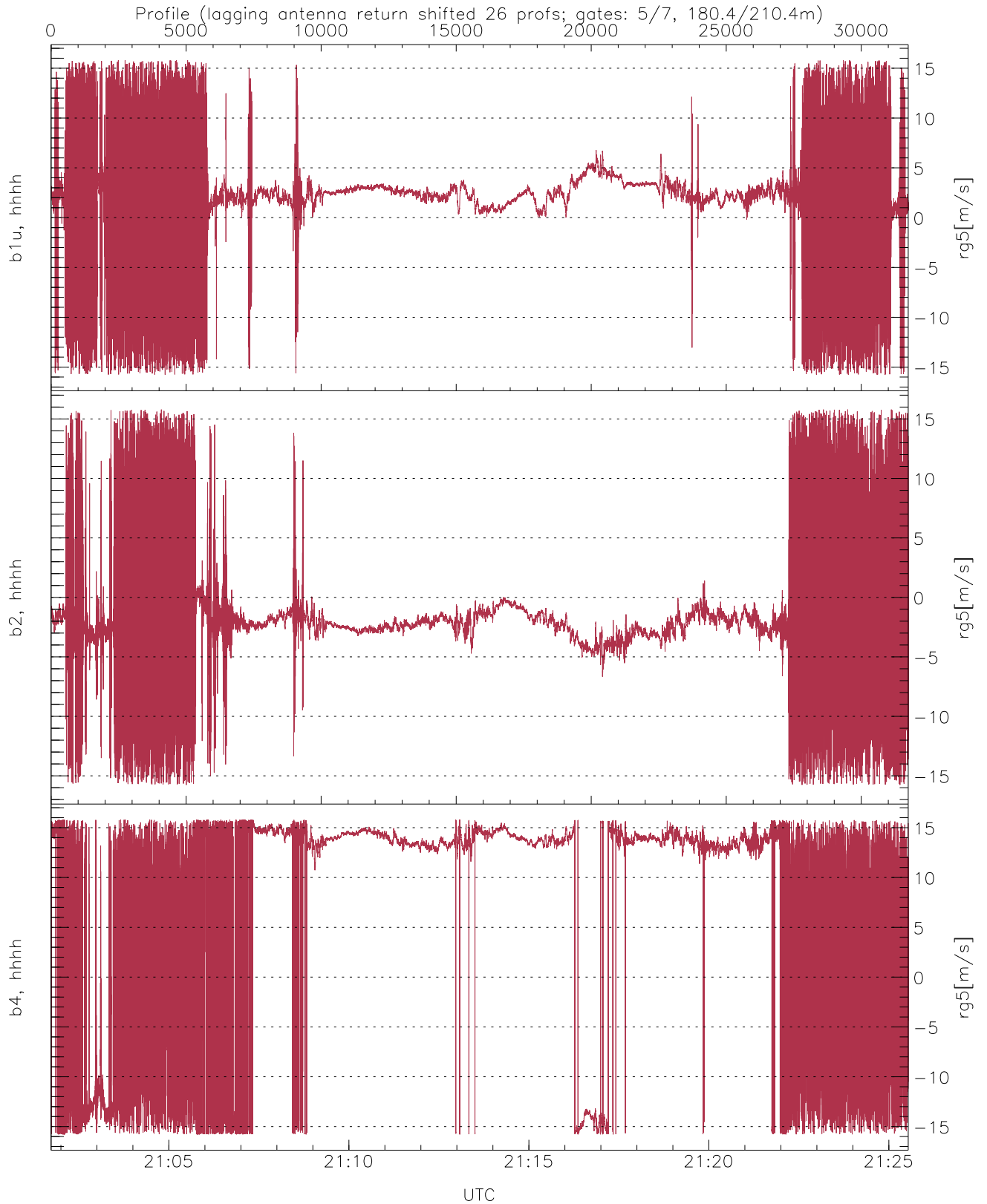
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.57	-6.11	-15.20
down(hh[dBm])	-66.14	-6.25	-17.45
down-fore(hh[dBm])	-66.06	-11.85	-21.62



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

	Min	Max	Mean
up/down (dB)	-31.29	22.41	0.97
down/down-fore (dB)	-38.00	22.77	3.63



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	1.76	4.65
b2, hhhh(rg5[m/s])	-15.77	15.79	-1.65	4.47
b4, hhhh(rg5[m/s])	-15.79	15.79	7.18	10.68