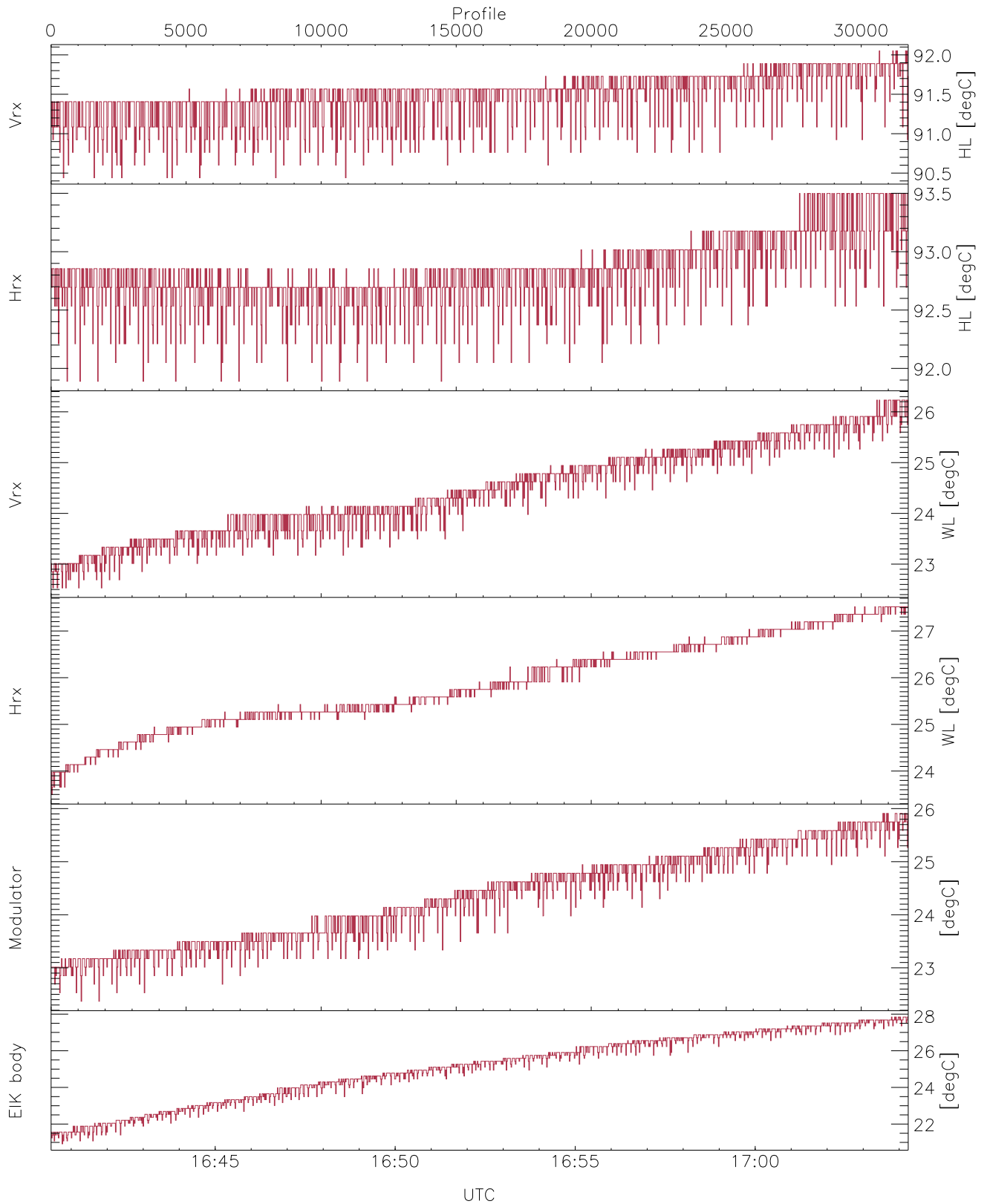


WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

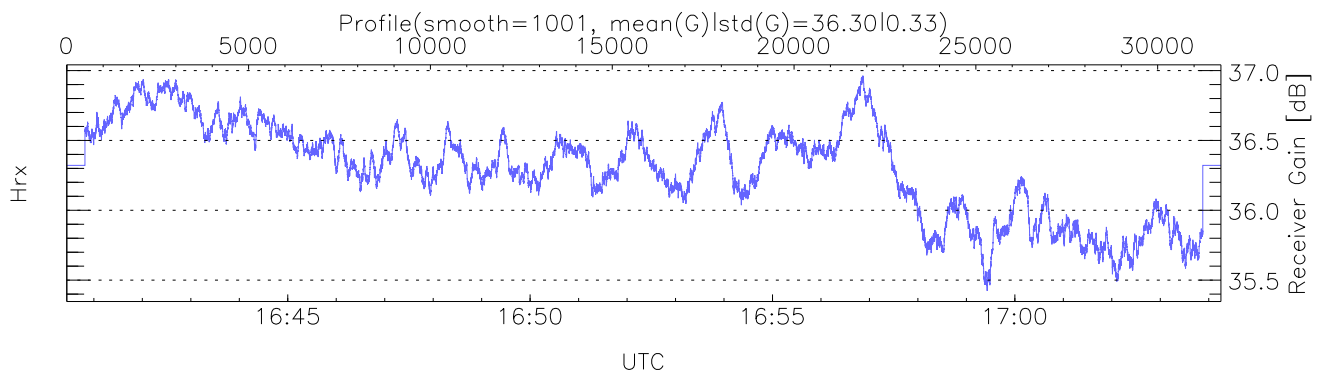
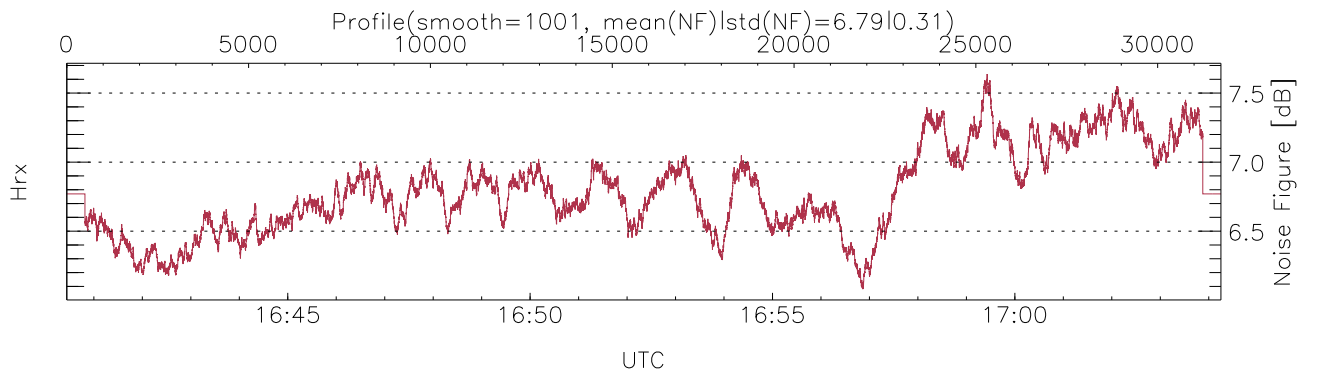
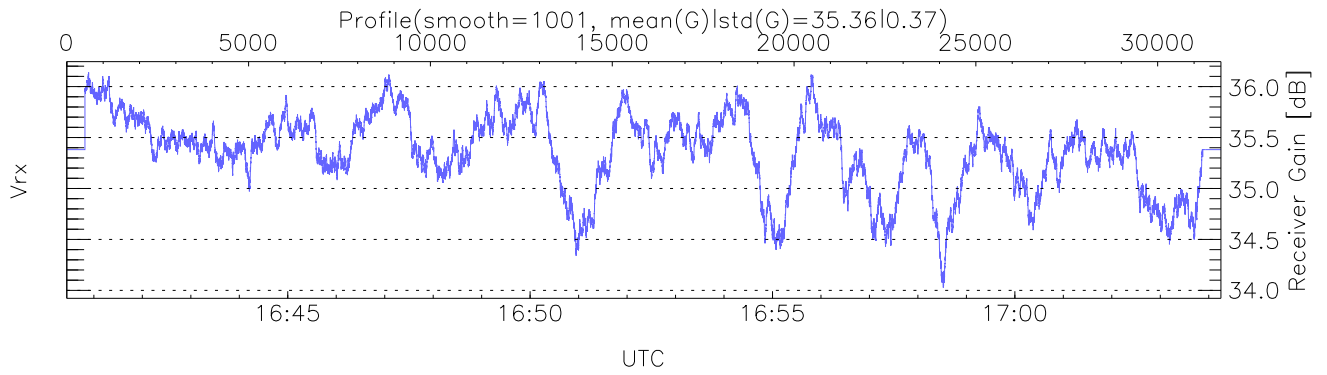
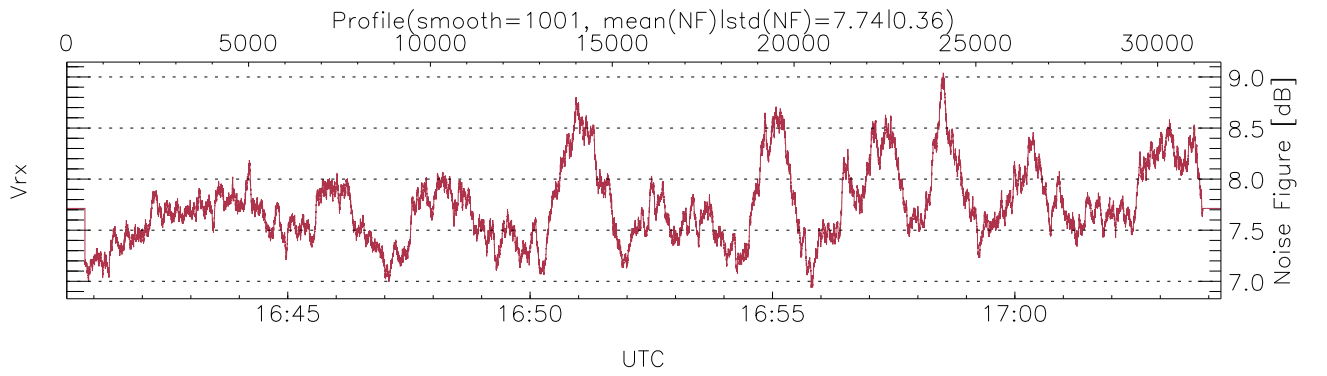
UTC: 16:40:26-17:04:15, TimeCor: 0.00s, Dur: 1428.66s  
 TimeFlg: 1, TFPstatus constant.  
 TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2  
 NumRec(r/t): 31741/31741, 0-31740/16:40:26-17:04:15  
 AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100  
 Pulse: 250ns, 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,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

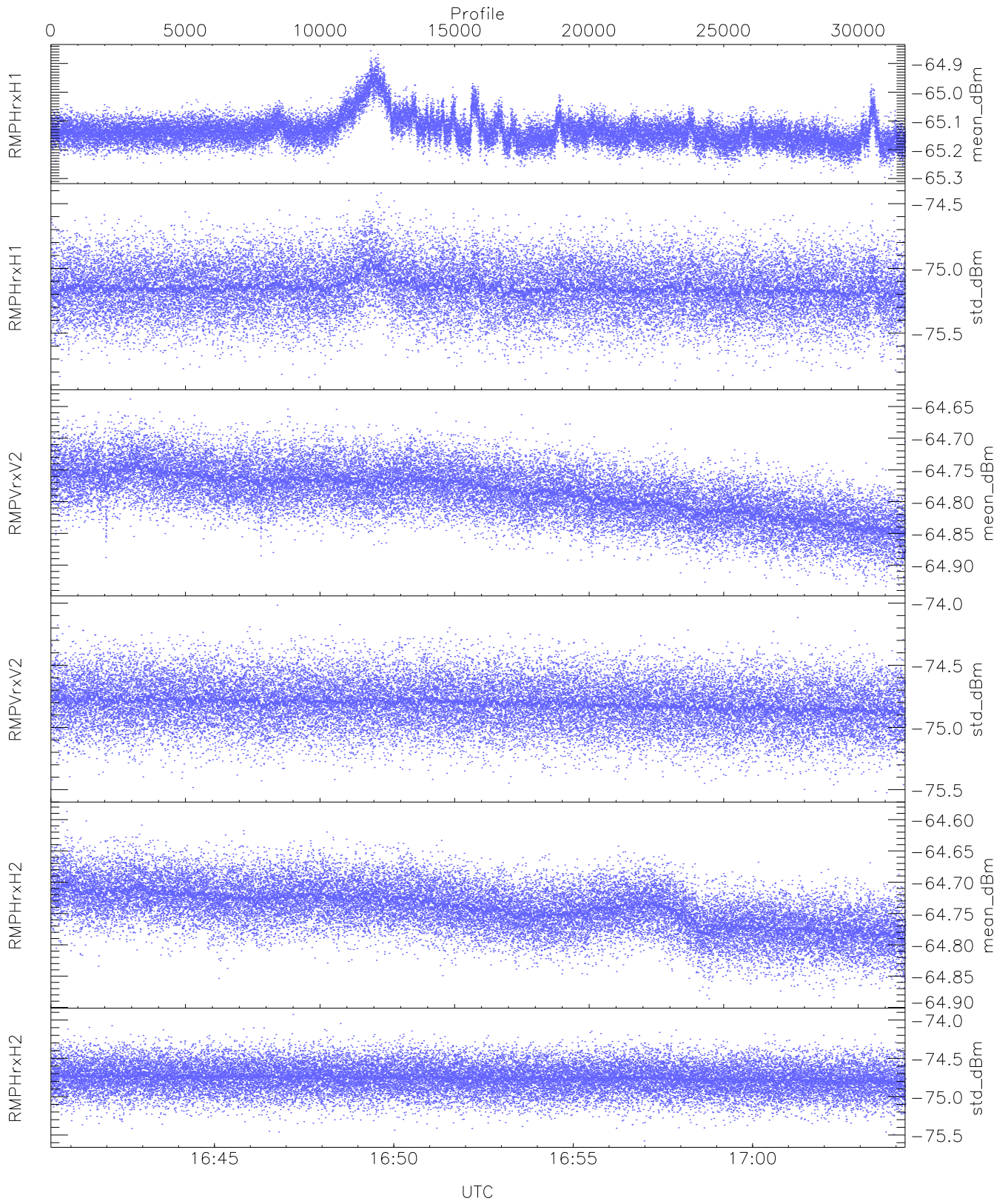
```

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,22,23,22,20
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,26,27,25,27
LOalarm(20,240,2817,14861 MHz): 0,0,68,0
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,Fault2,DeckF,OverDuty,HVPS (46,46,46,22,46,46,46)
    
```



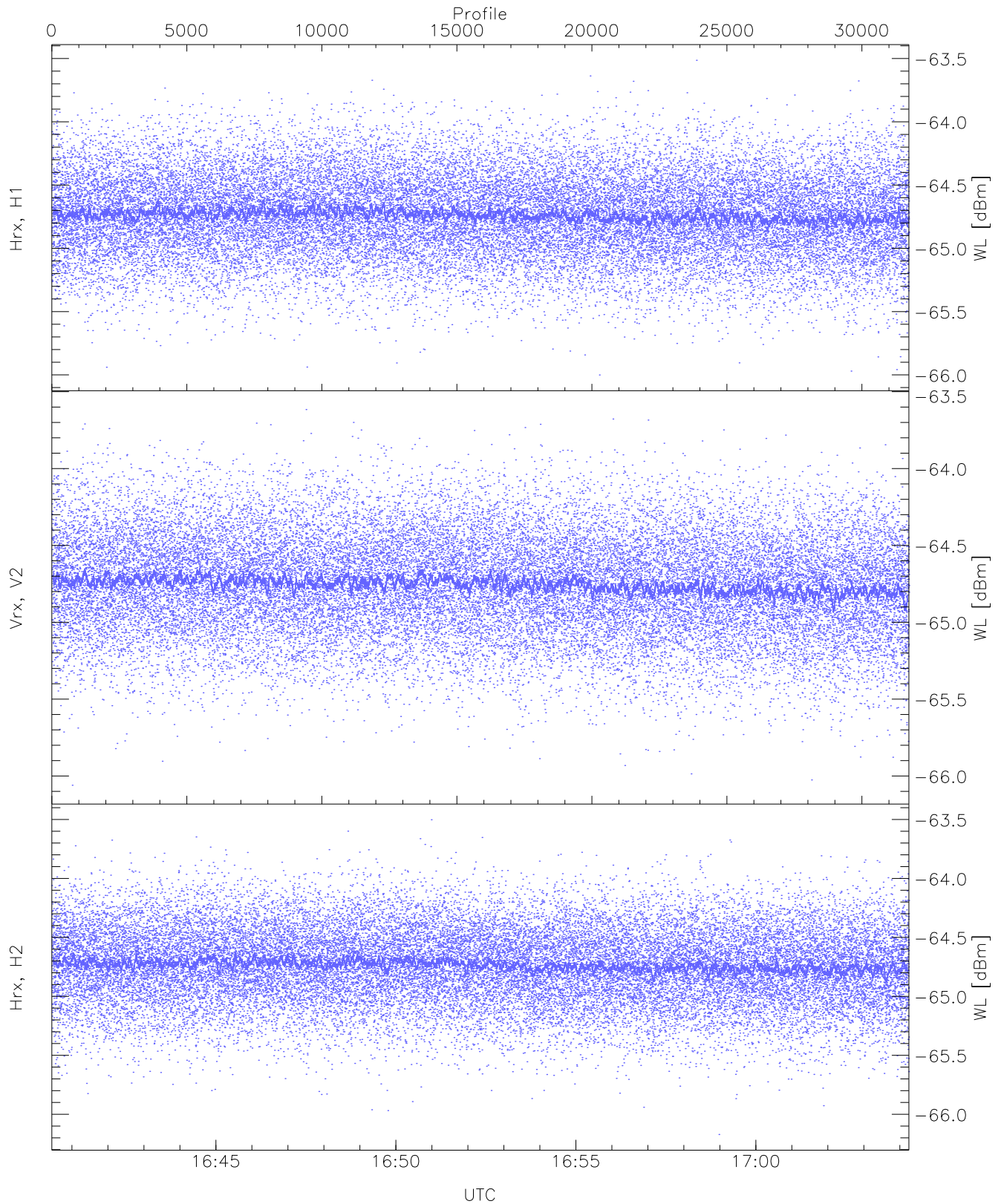
### WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 35 pixs, 4 gates, 35 profs, 1 prod(s)



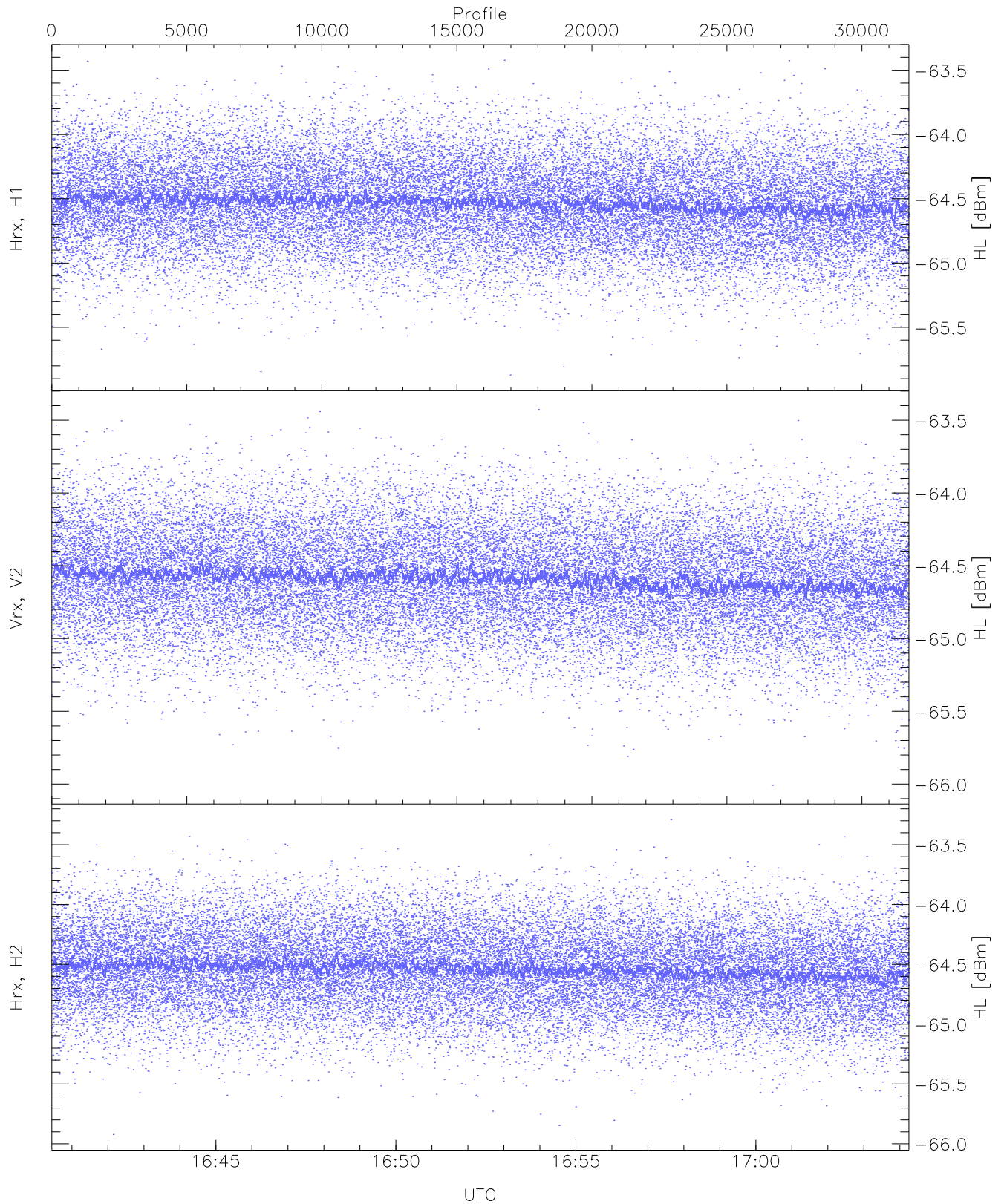
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.30	-64.86	-65.13	-65.14	-84.53
RMPHrxH1(std_dBm)	-75.86	-74.42	-75.15	-75.15	-88.81
RMPVrxV2(mean_dBm)	-64.93	-64.64	-64.79	-64.78	-84.95
RMPVrxV2(std_dBm)	-75.52	-74.02	-74.81	-74.81	-88.57
RMPHrxH2(mean_dBm)	-64.89	-64.59	-64.74	-64.74	-85.33
RMPHrxH2(std_dBm)	-75.58	-73.93	-74.76	-74.76	-88.51



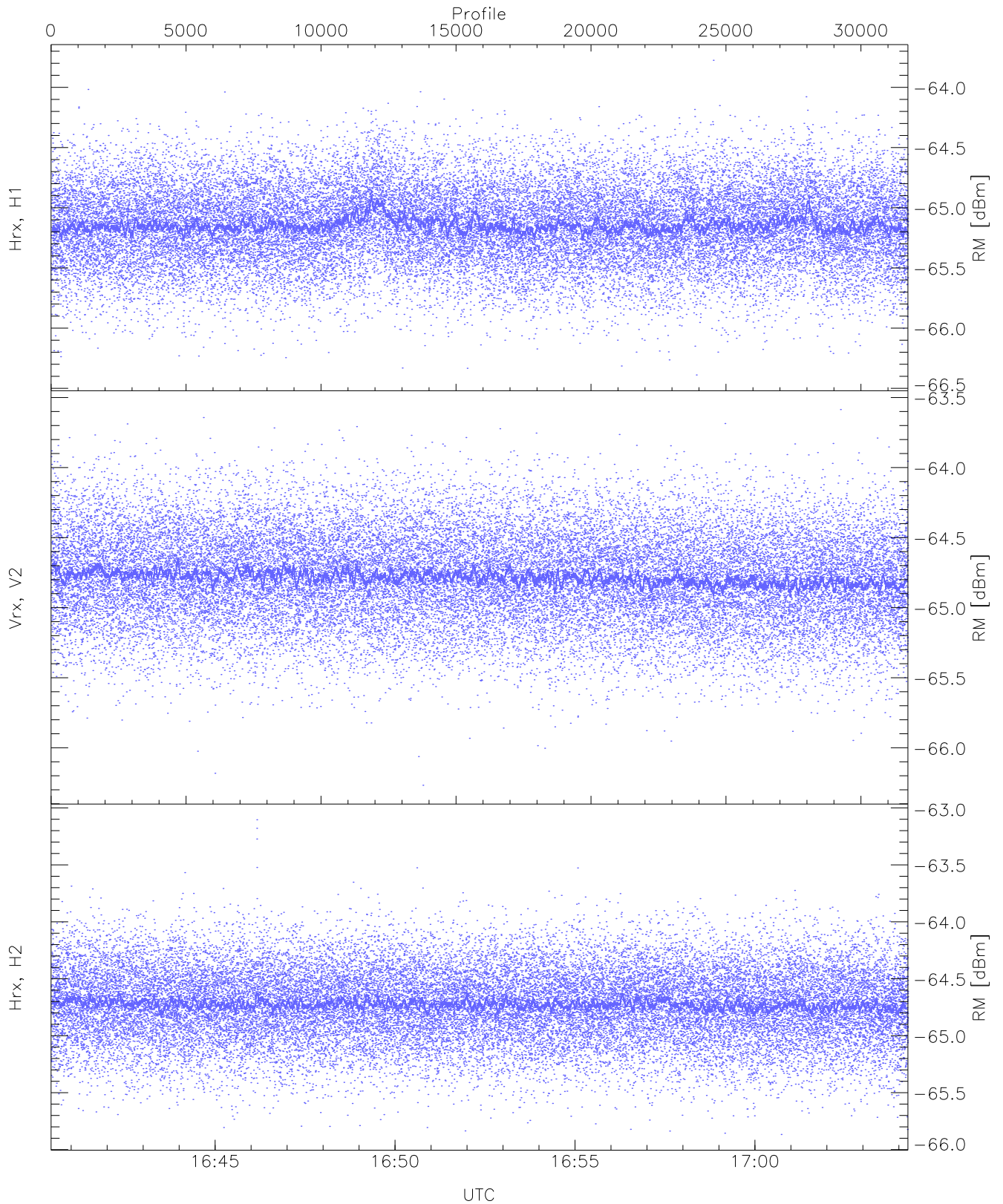
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.00	-63.51	-64.73	-64.74	-76.20
Vrx, V2(WL [dBm])	-66.06	-63.62	-64.75	-64.75	-76.23
Hrx, H2(WL [dBm])	-66.17	-63.50	-64.73	-64.74	-76.24



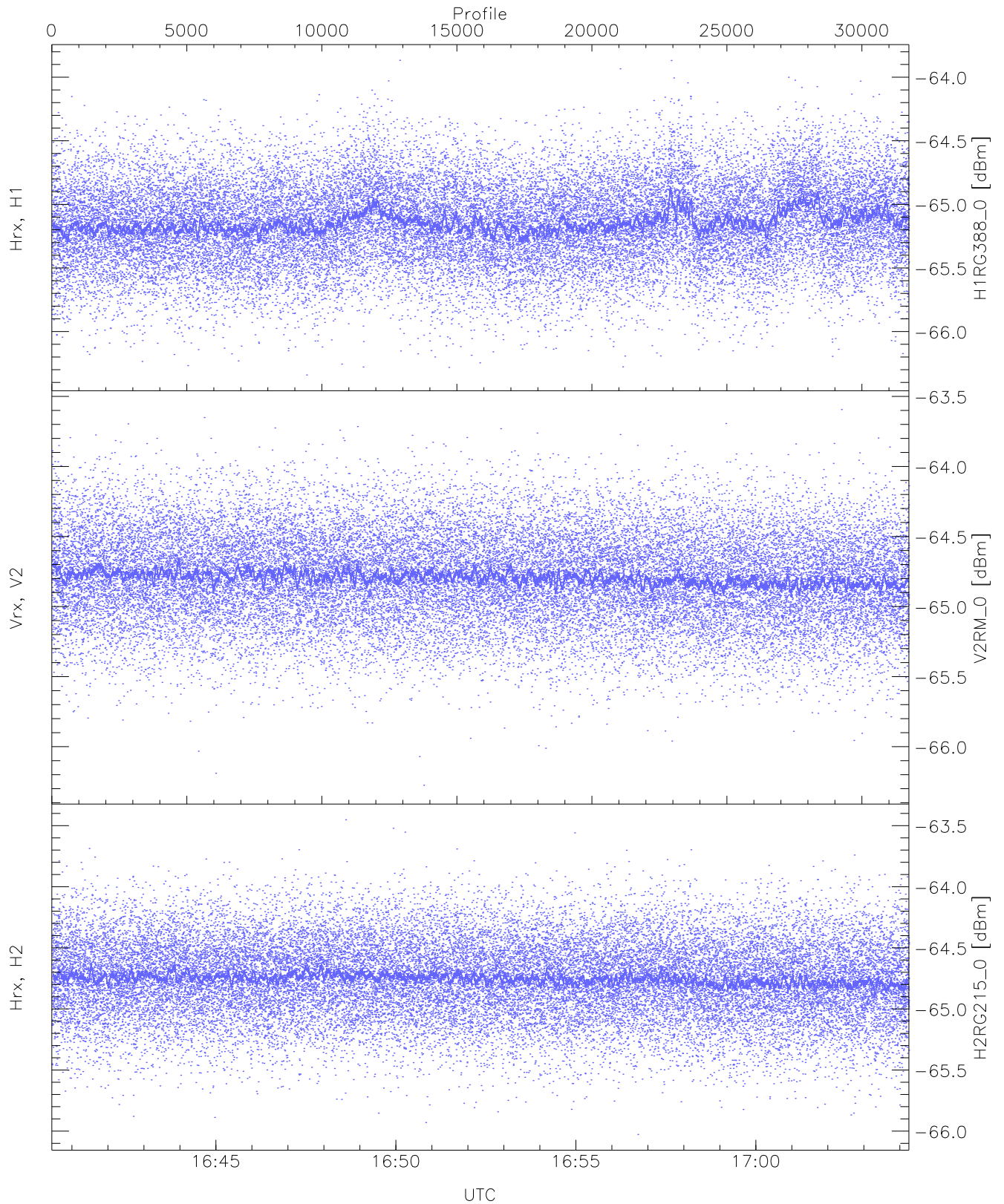
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.87	-63.42	-64.53	-64.54	-76.02
Vrx, V2 (HL [dBm])	-66.01	-63.43	-64.59	-64.59	-76.04
Hrx, H2 (HL [dBm])	-65.92	-63.29	-64.53	-64.54	-76.02



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

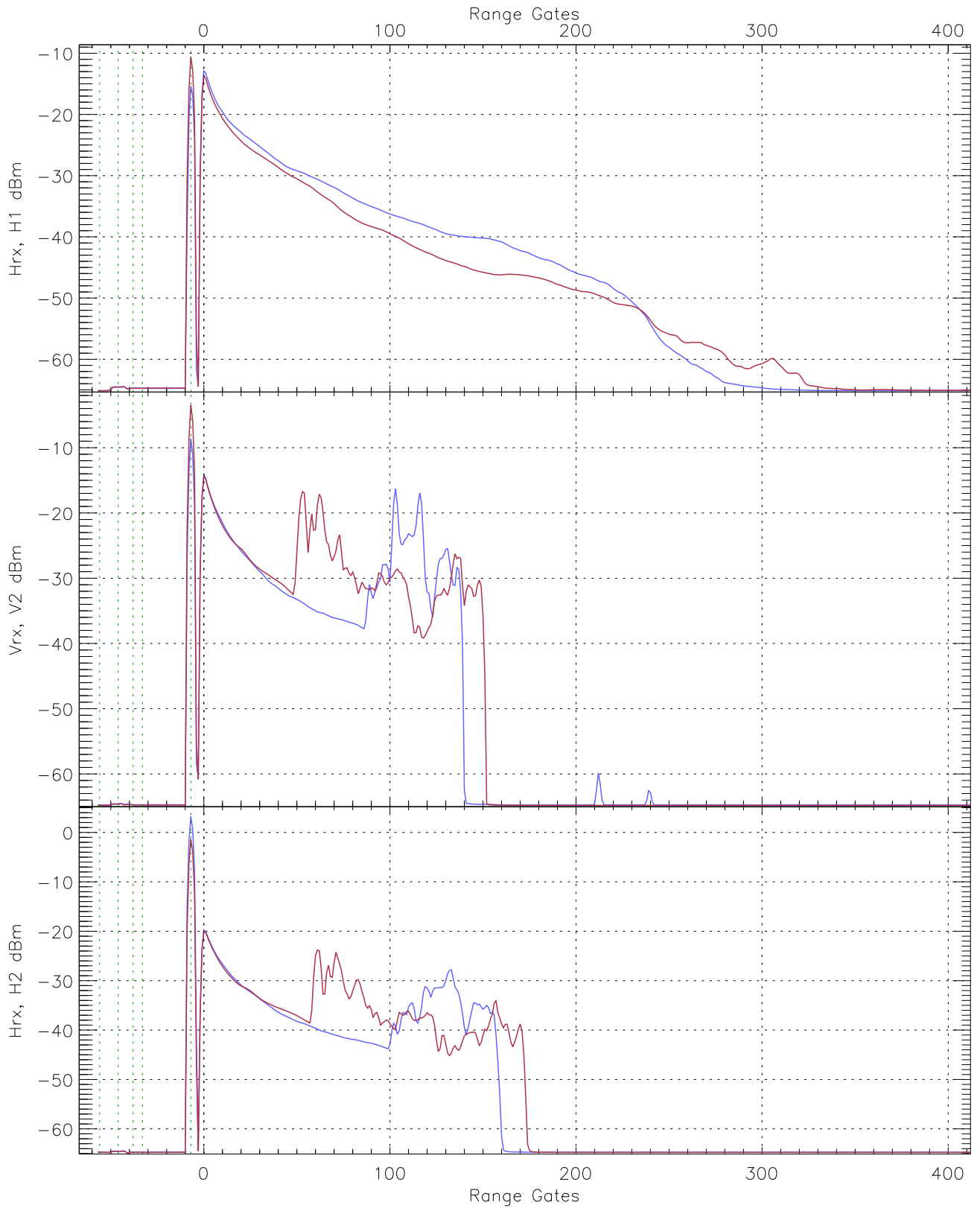
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.39	-63.78	-65.14	-65.15	-76.63
Vrx, V2 (RM [dBm])	-66.27	-63.59	-64.78	-64.79	-76.26
Hrx, H2 (RM [dBm])	-65.87	-63.10	-64.72	-64.73	-76.25



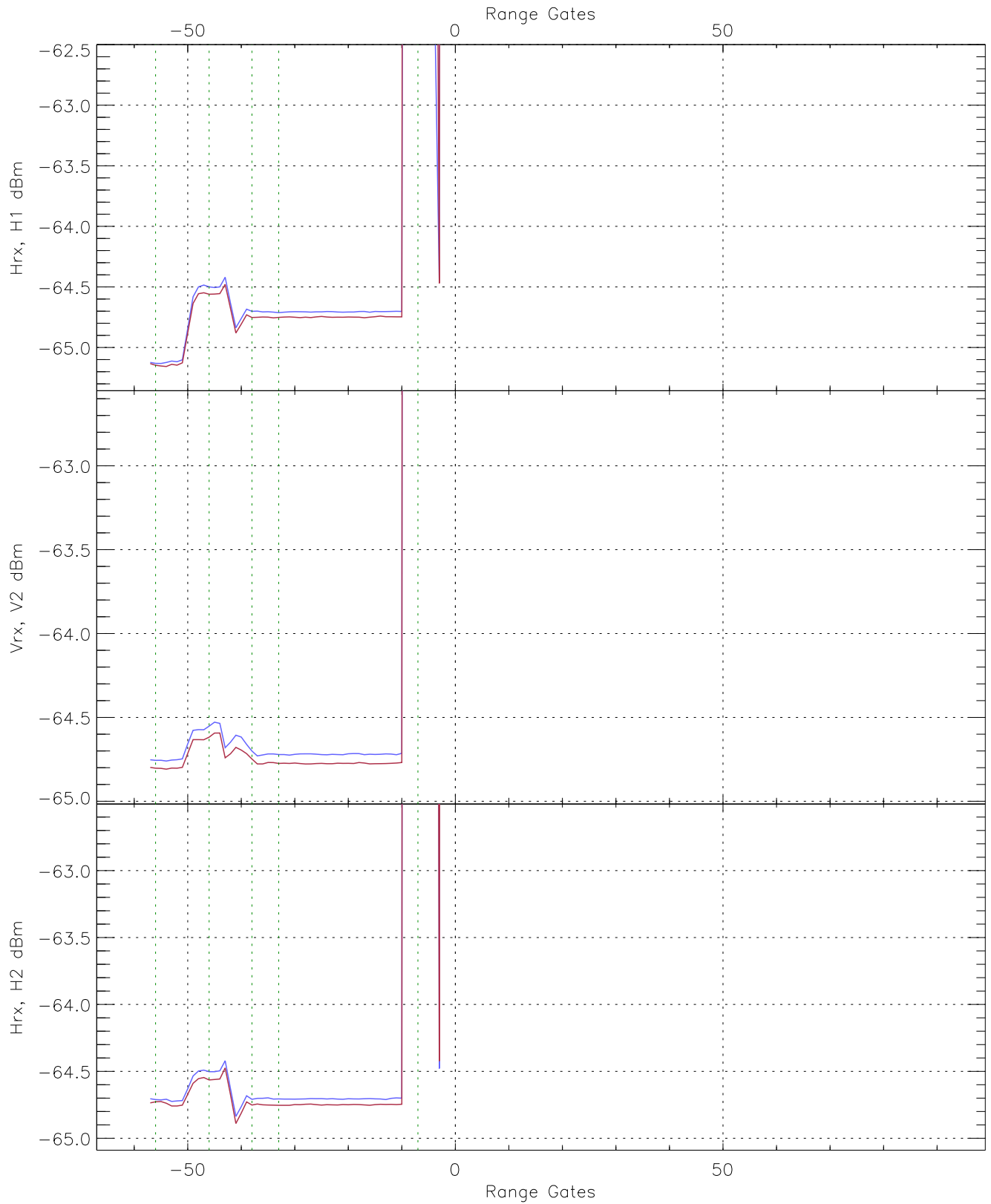
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG388_0 [dBm]	-66.34	-63.87	-65.14	-65.15	-76.56
V2RM_0 [dBm]	-66.28	-63.59	-64.79	-64.80	-76.27
H2RG215_0 [dBm]	-66.03	-63.45	-64.75	-64.75	-76.25

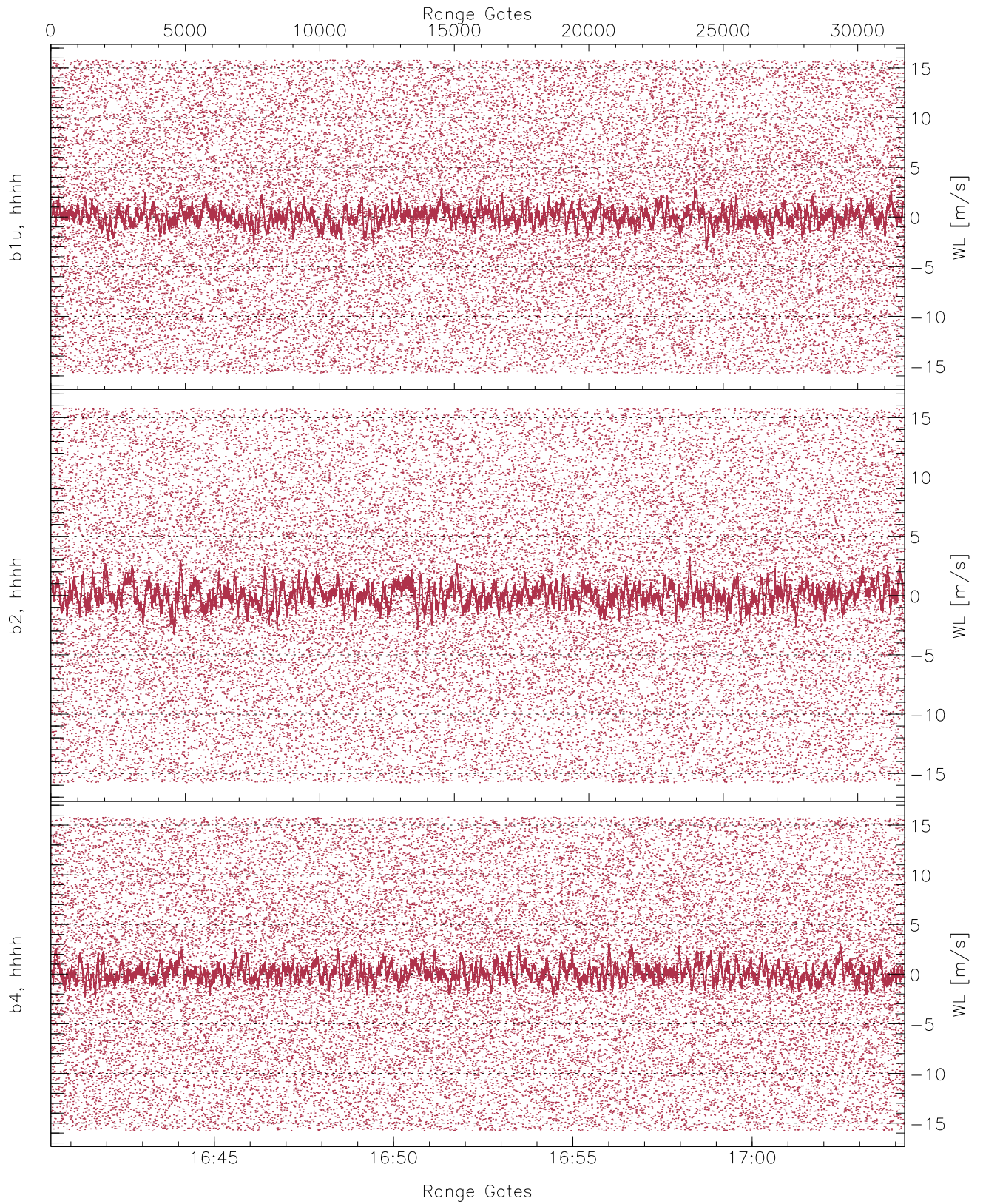




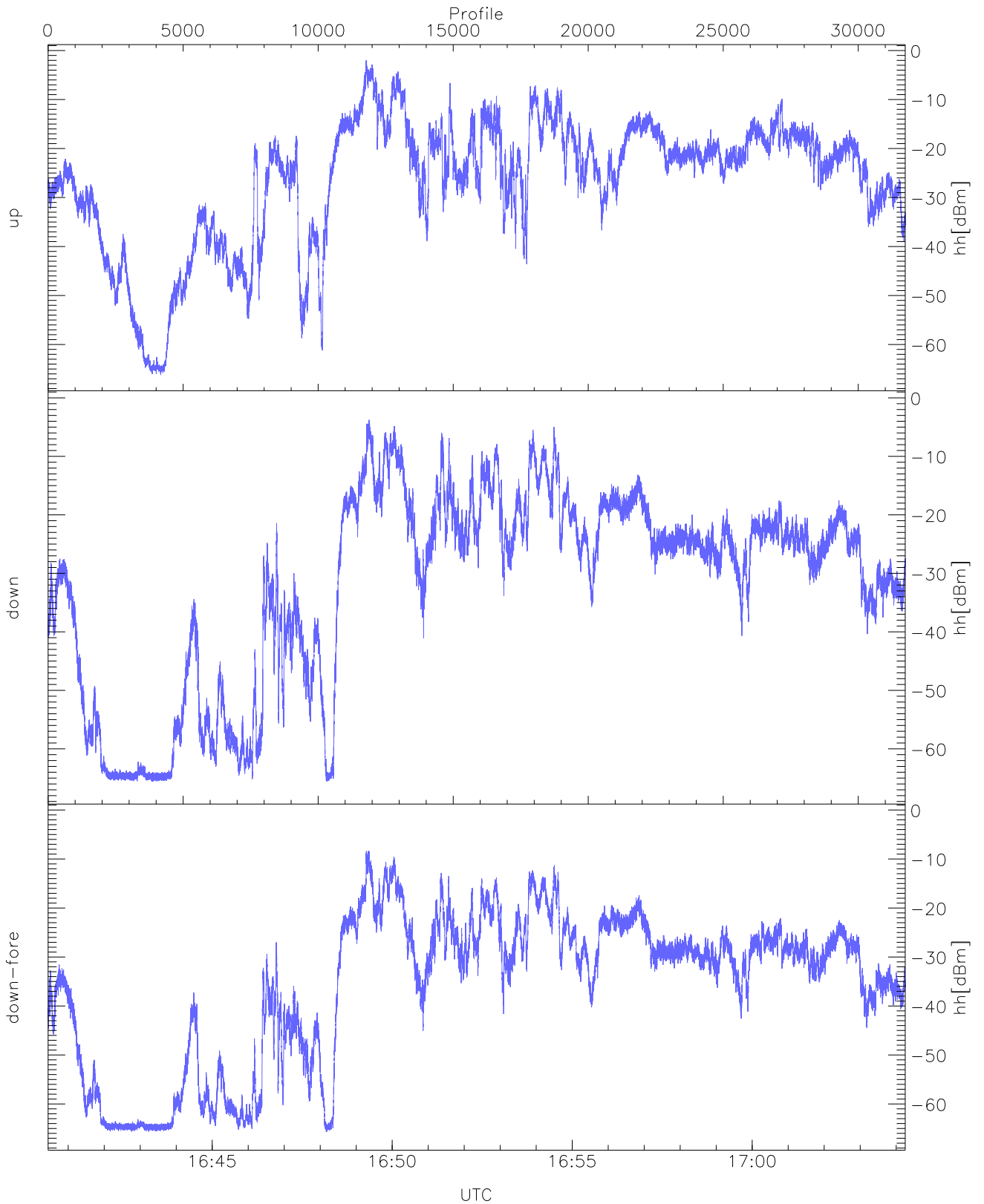
WCR3 CPP Averaged Received power for all recorded gates  
blue: 164026-165221, 15871 profiles averaged  
red: 165221-170415, 15871 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 164026-165221, 15871 profiles averaged  
red: 165221-170415, 15871 profiles averaged

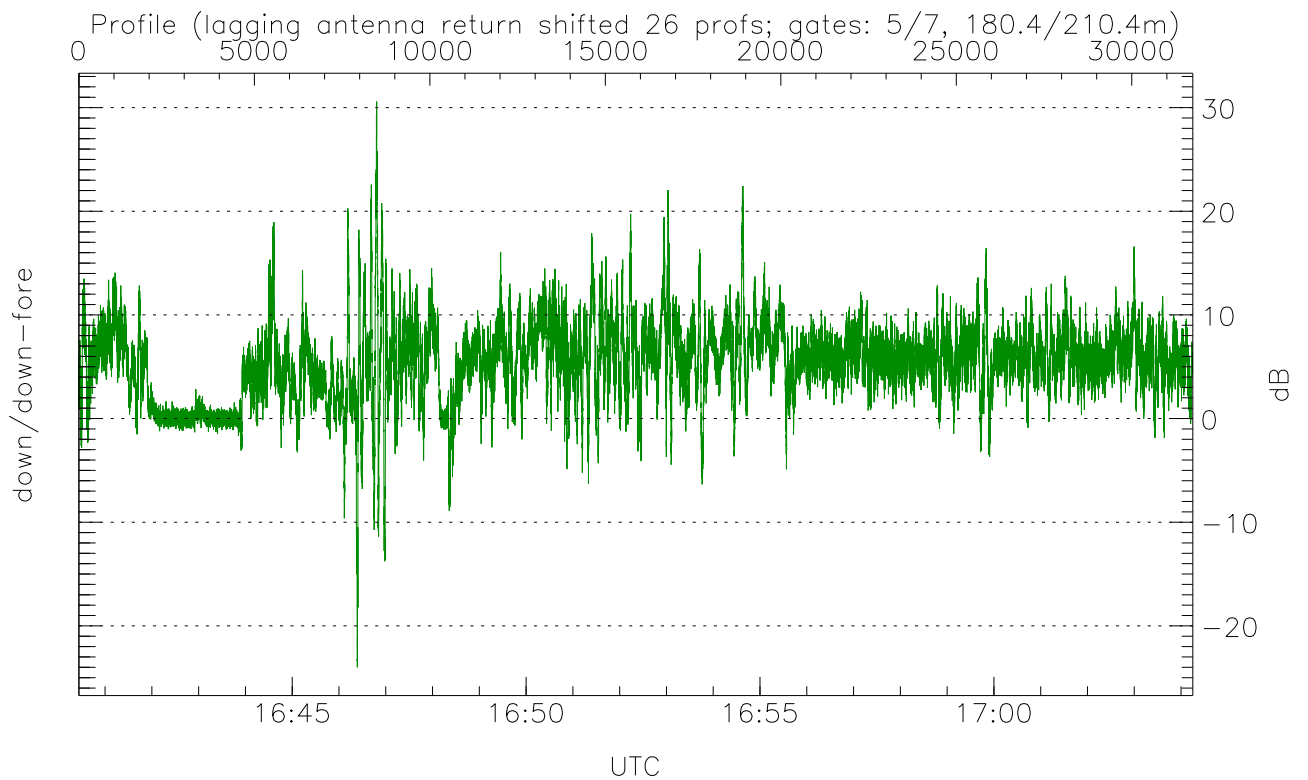
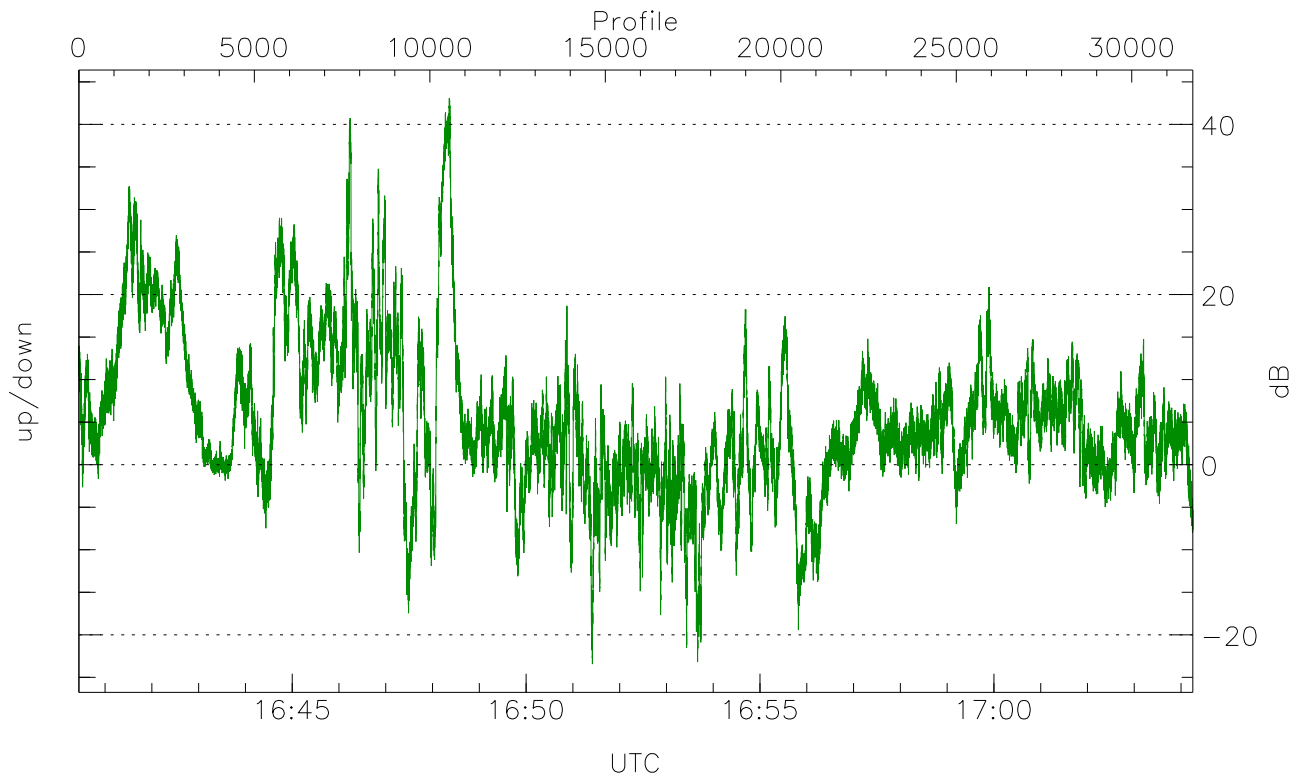


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



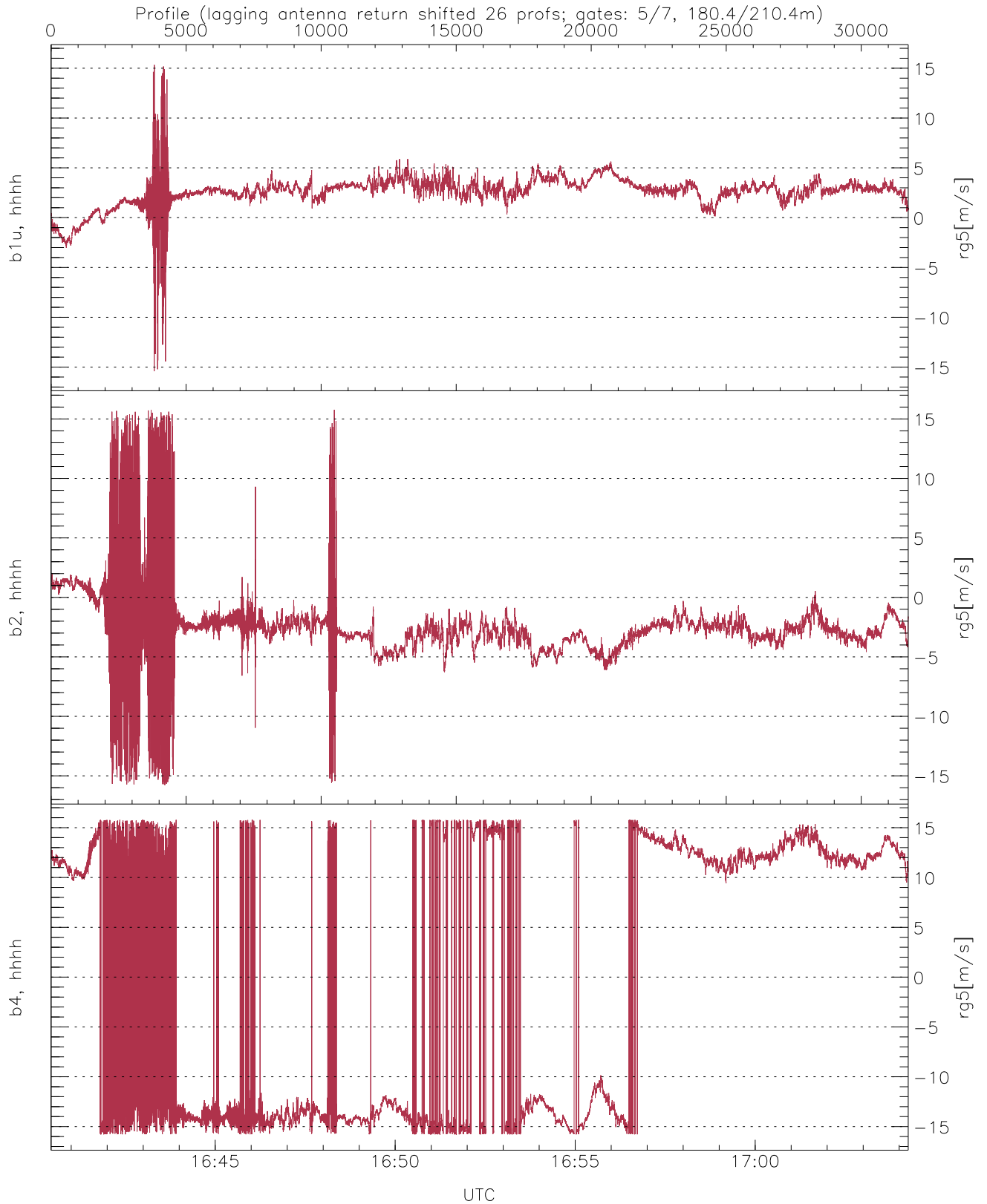
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.22	-1.99	-17.24
down(hh[dBm])	-65.59	-3.75	-18.52
down-fore(hh[dBm])	-65.69	-8.37	-23.69



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

	Min	Max	Mean
up/down (dB)	-23.44	43.07	5.35
down/down-fore (dB)	-23.99	30.59	5.42



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.41	15.33	2.61	1.42
b2, hhhh(rg5[m/s])	-15.78	15.77	-2.47	2.54
b4, hhhh(rg5[m/s])	-15.79	15.79	-0.89	13.23