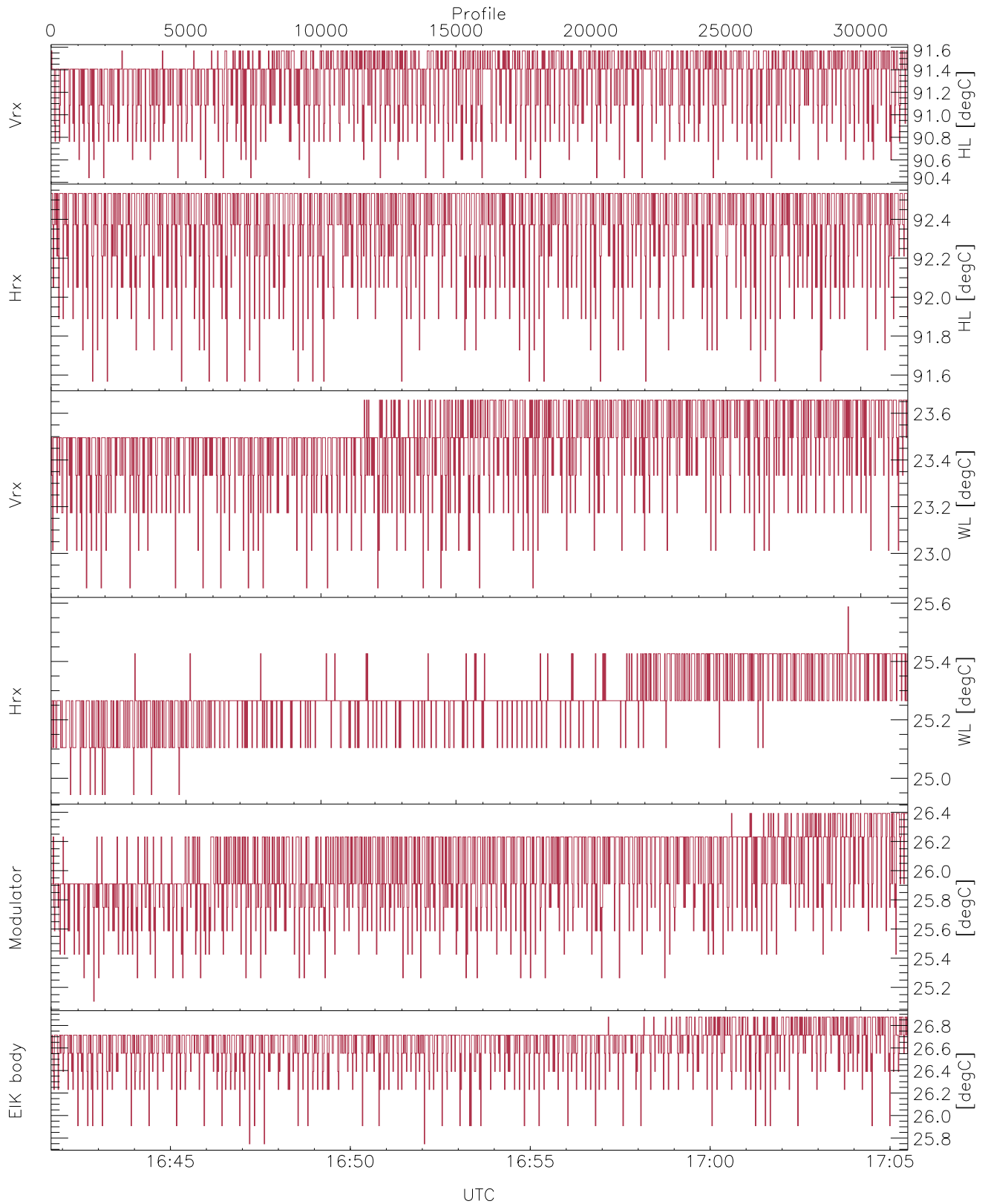


WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

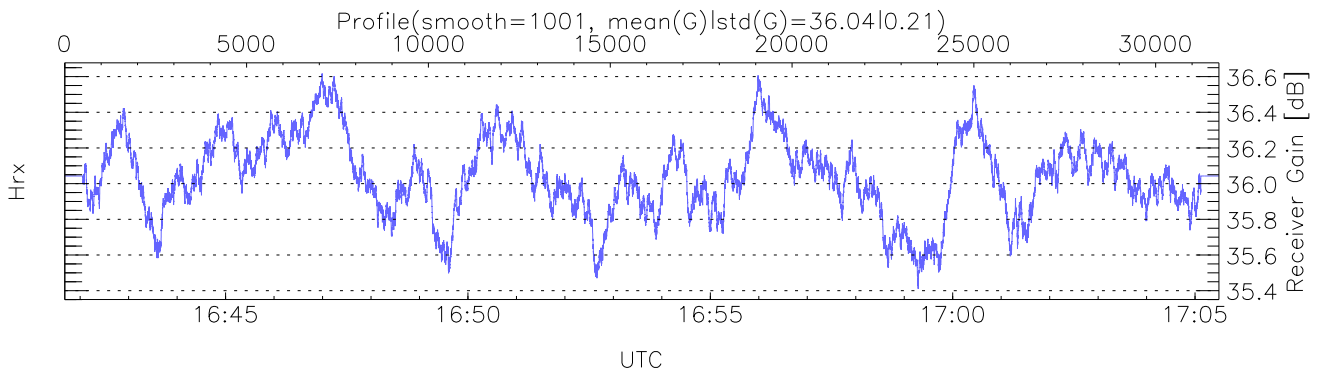
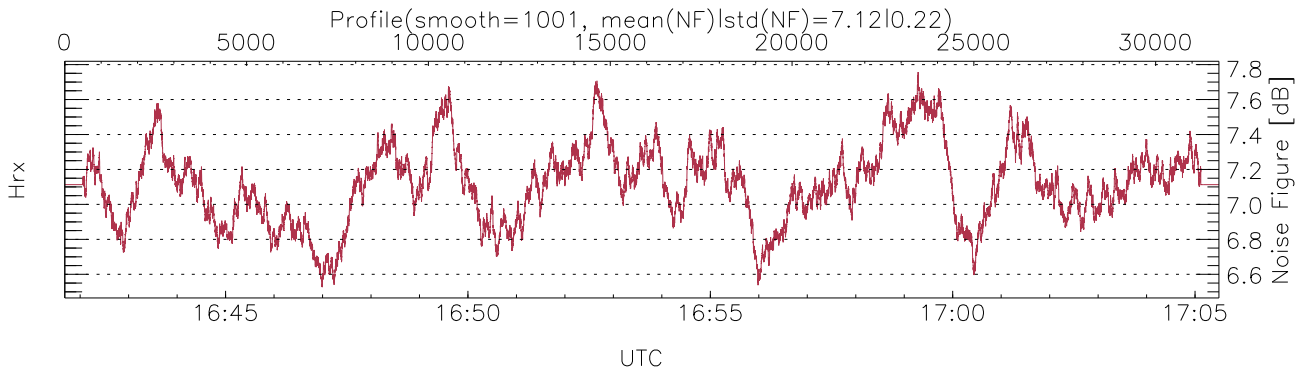
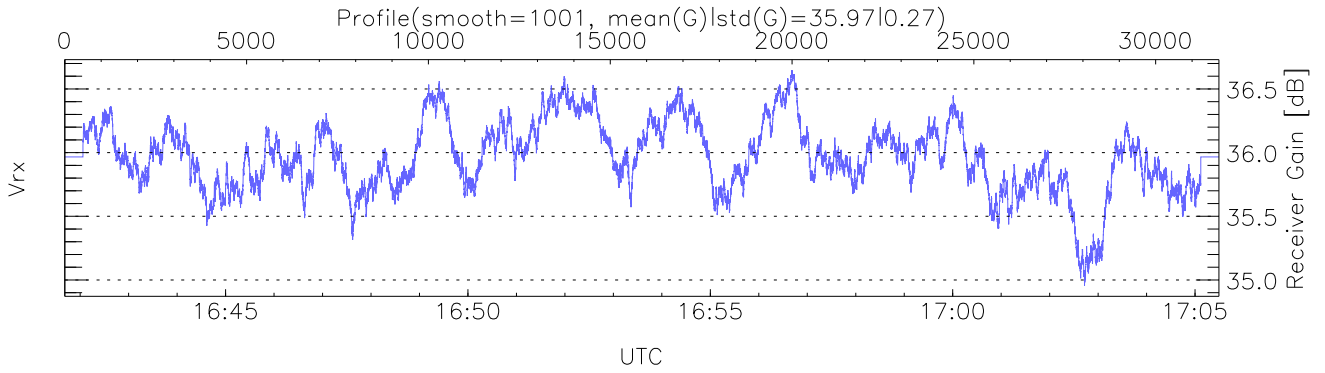
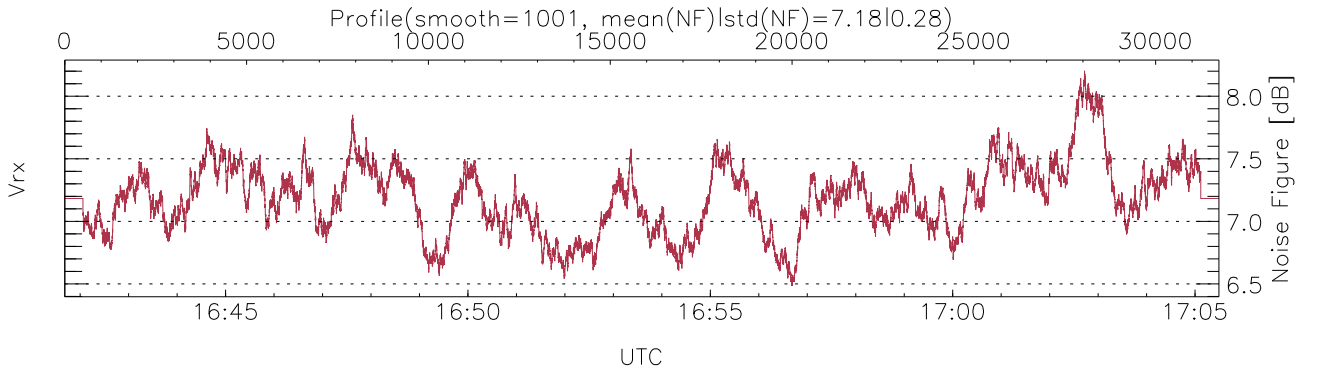
UTC: 16:41:41-17:05:30, TimeCor: 0.00s, Dur: 1428.61s  
 TimeFlg: 1, TFPstatus constant.  
 TimeInt/PPS(min,max,mn,std): 7.3,45.0,45.0,0.2 ms / 137.0,22.2,22.2  
 NumRec(r/t): 31741/31741, 0-31740/16:41:41-17:05:30  
 AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100  
 Pulse: 250ns, 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

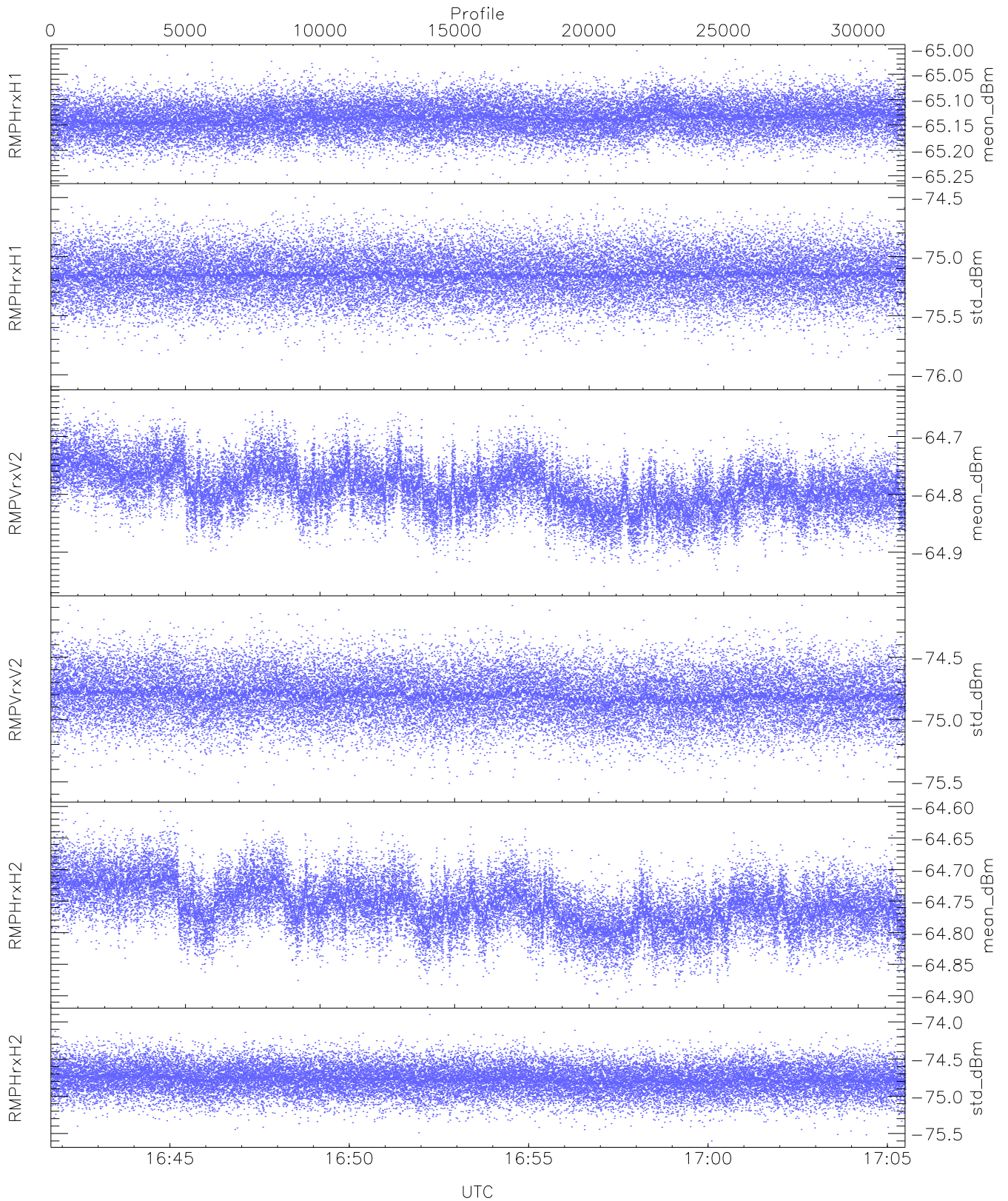
```

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,22,24,25,25
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,23,25,26,26
LOalarm(20,240,2817,14861 MHz): 0,0,46,0
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,Fault2,DeckF,OverDuty,HVPS,Fault1 (88,88,88,66,88,88,88,66)
    
```



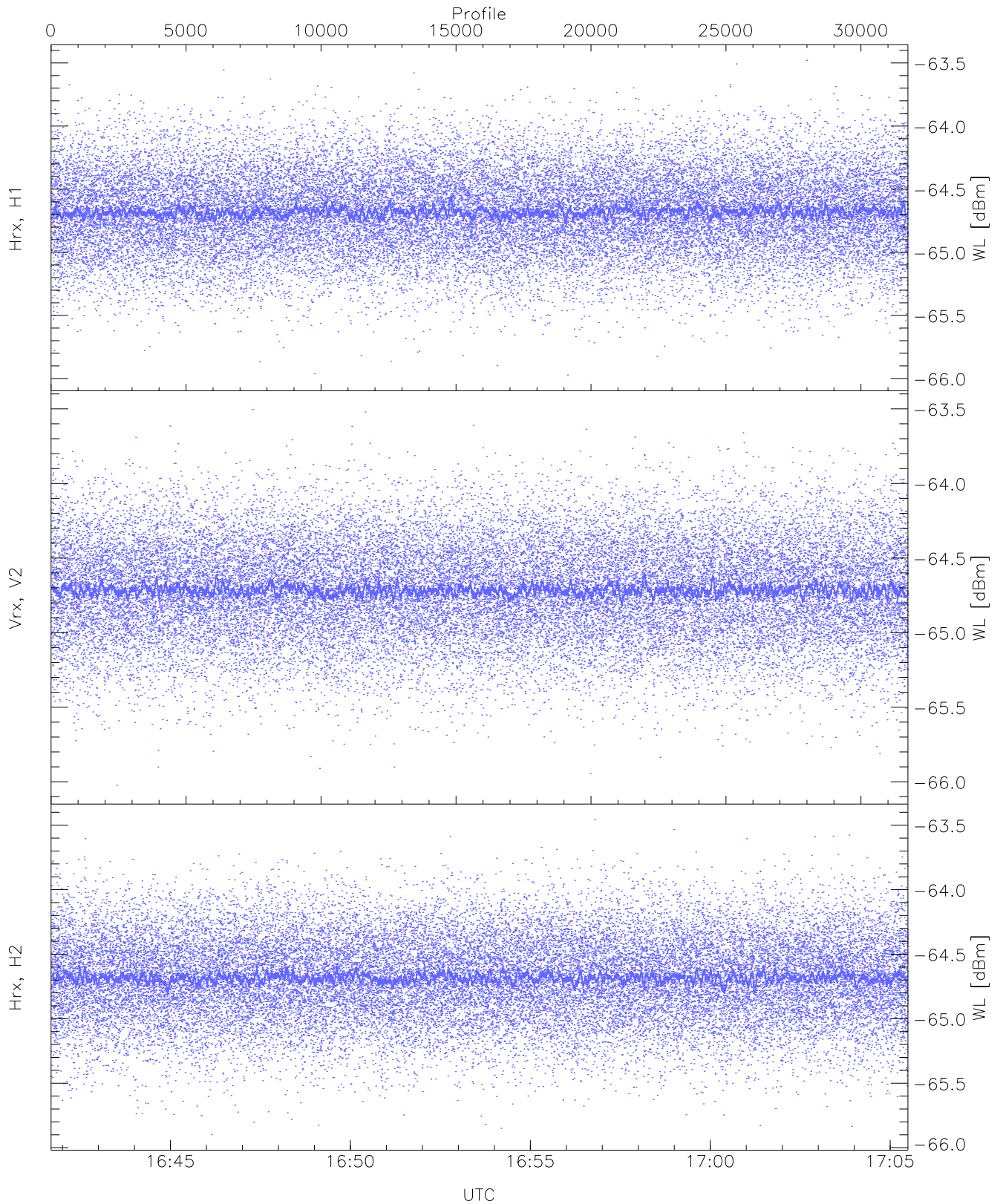
### WCR3 CPP Receivers Gain and Noise Figure

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



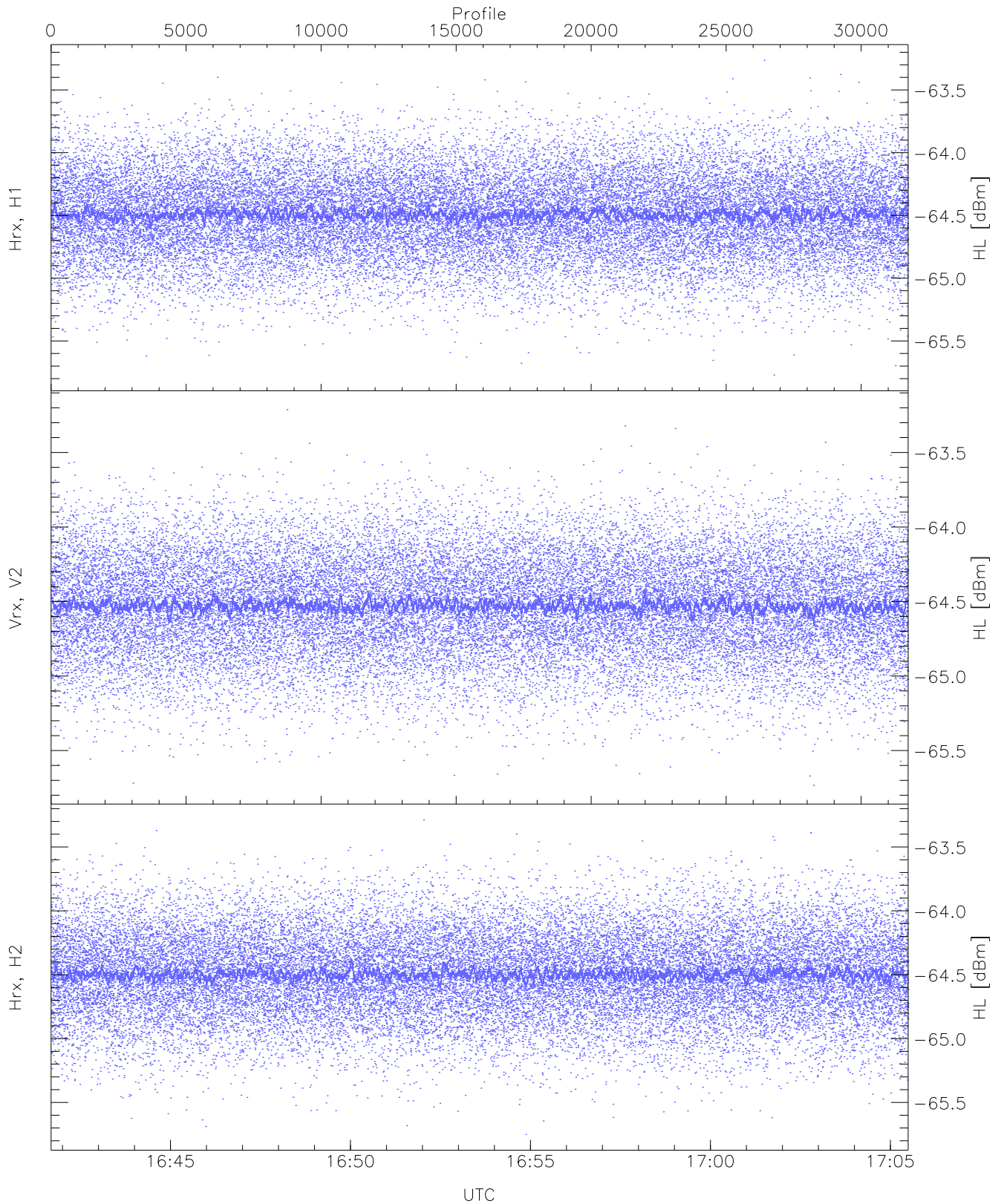
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.25	-65.00	-65.14	-65.14	-86.67
RMPHrxH1(std_dBm)	-76.05	-74.46	-75.15	-75.15	-88.93
RMPVrxV2(mean_dBm)	-64.96	-64.64	-64.79	-64.79	-85.00
RMPVrxV2(std_dBm)	-75.59	-74.08	-74.81	-74.81	-88.55
RMPHrxH2(mean_dBm)	-64.90	-64.61	-64.76	-64.76	-85.19
RMPHrxH2(std_dBm)	-75.60	-73.90	-74.77	-74.77	-88.54



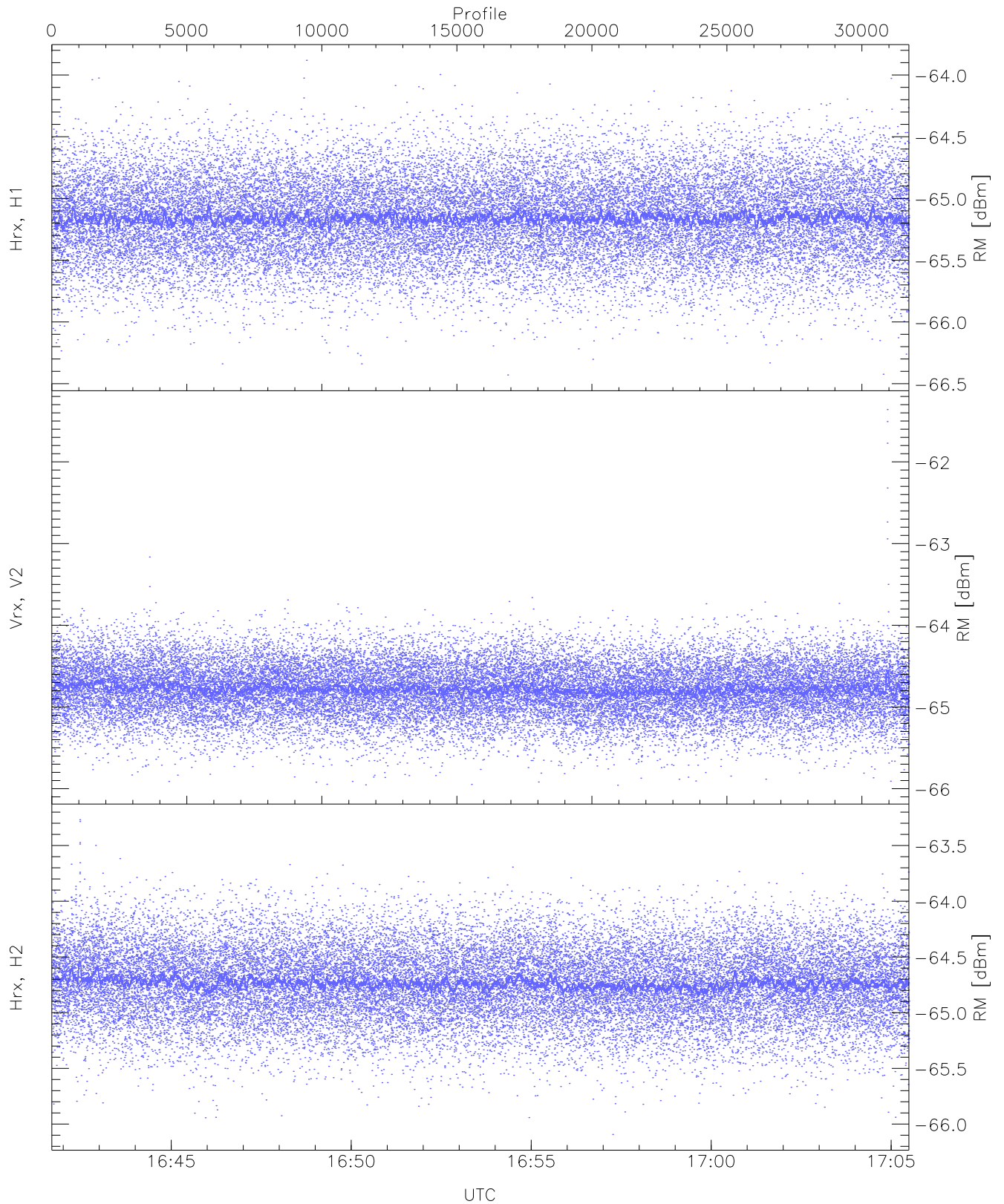
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.97	-63.48	-64.67	-64.68	-76.19
Vrx, V2 (WL [dBm])	-66.02	-63.50	-64.71	-64.72	-76.21
Hrx, H2 (WL [dBm])	-65.90	-63.46	-64.68	-64.68	-76.18



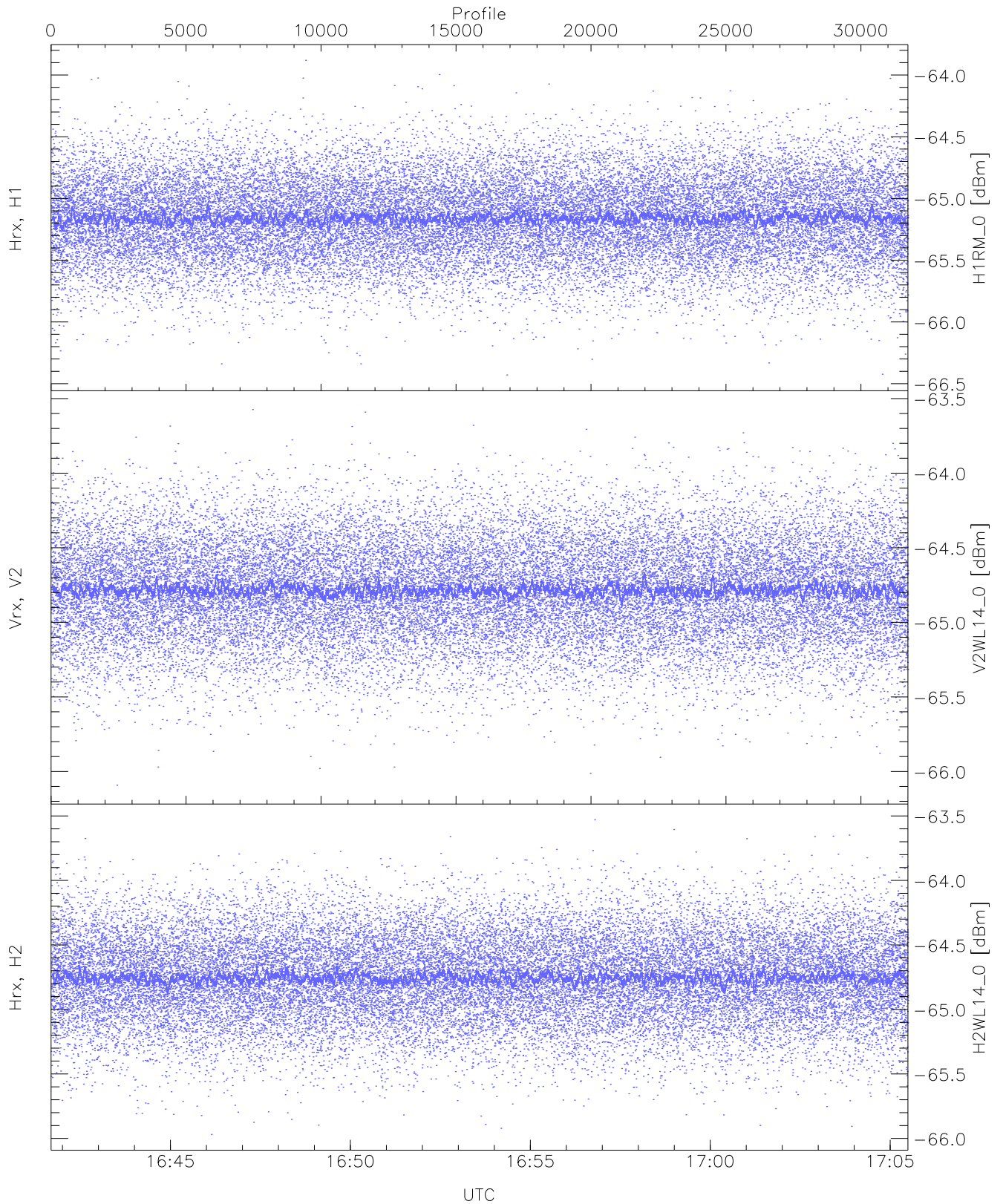
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.77	-63.26	-64.49	-64.49	-75.98
Vrx, V2 (HL [dBm])	-65.73	-63.21	-64.52	-64.53	-76.01
Hrx, H2 (HL [dBm])	-65.75	-63.29	-64.49	-64.50	-76.00



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

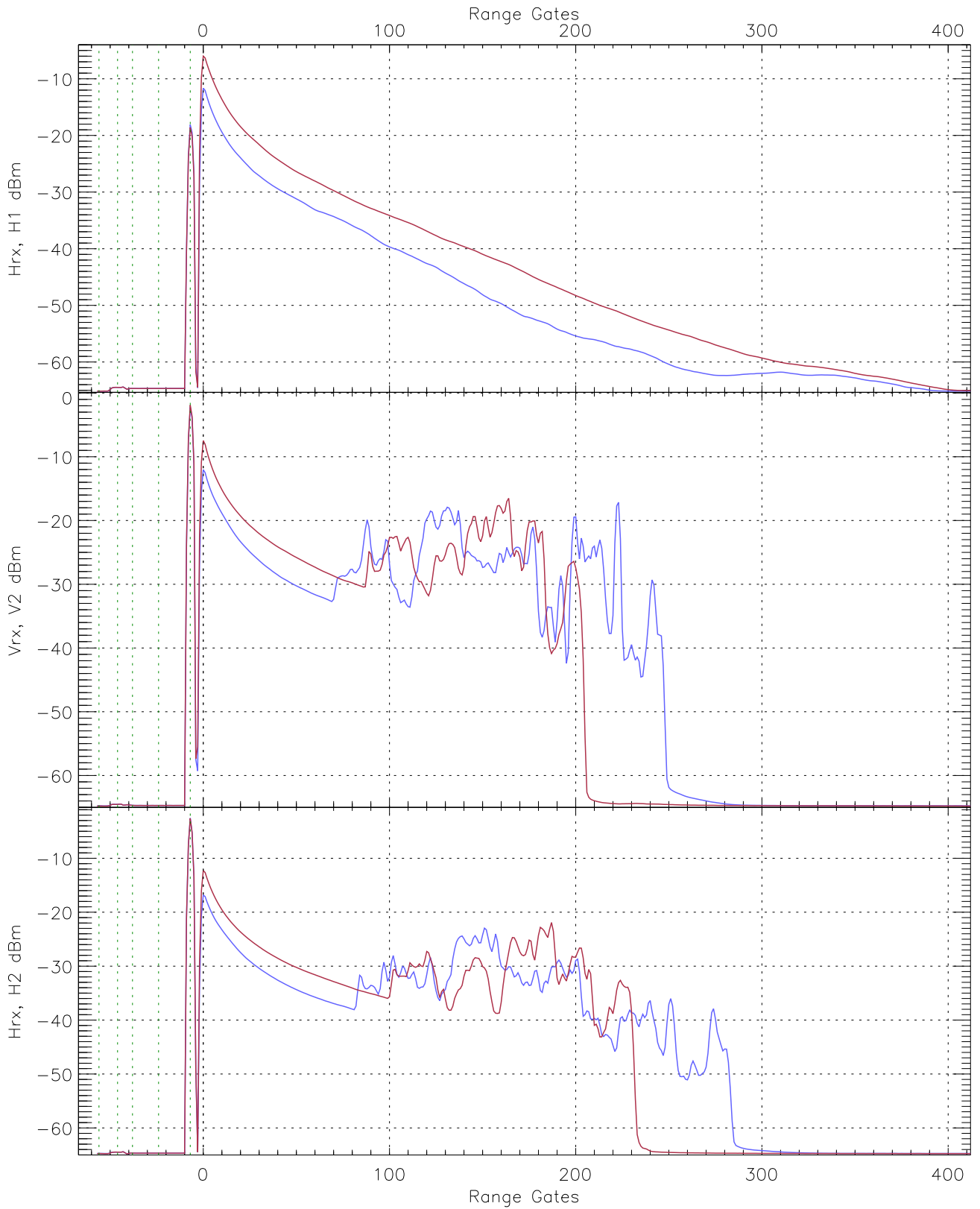
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.43	-63.88	-65.15	-65.16	-76.65
Vrx, V2 (RM [dBm])	-65.96	-61.36	-64.78	-64.79	-76.18
Hrx, H2 (RM [dBm])	-66.09	-63.27	-64.73	-64.74	-76.18



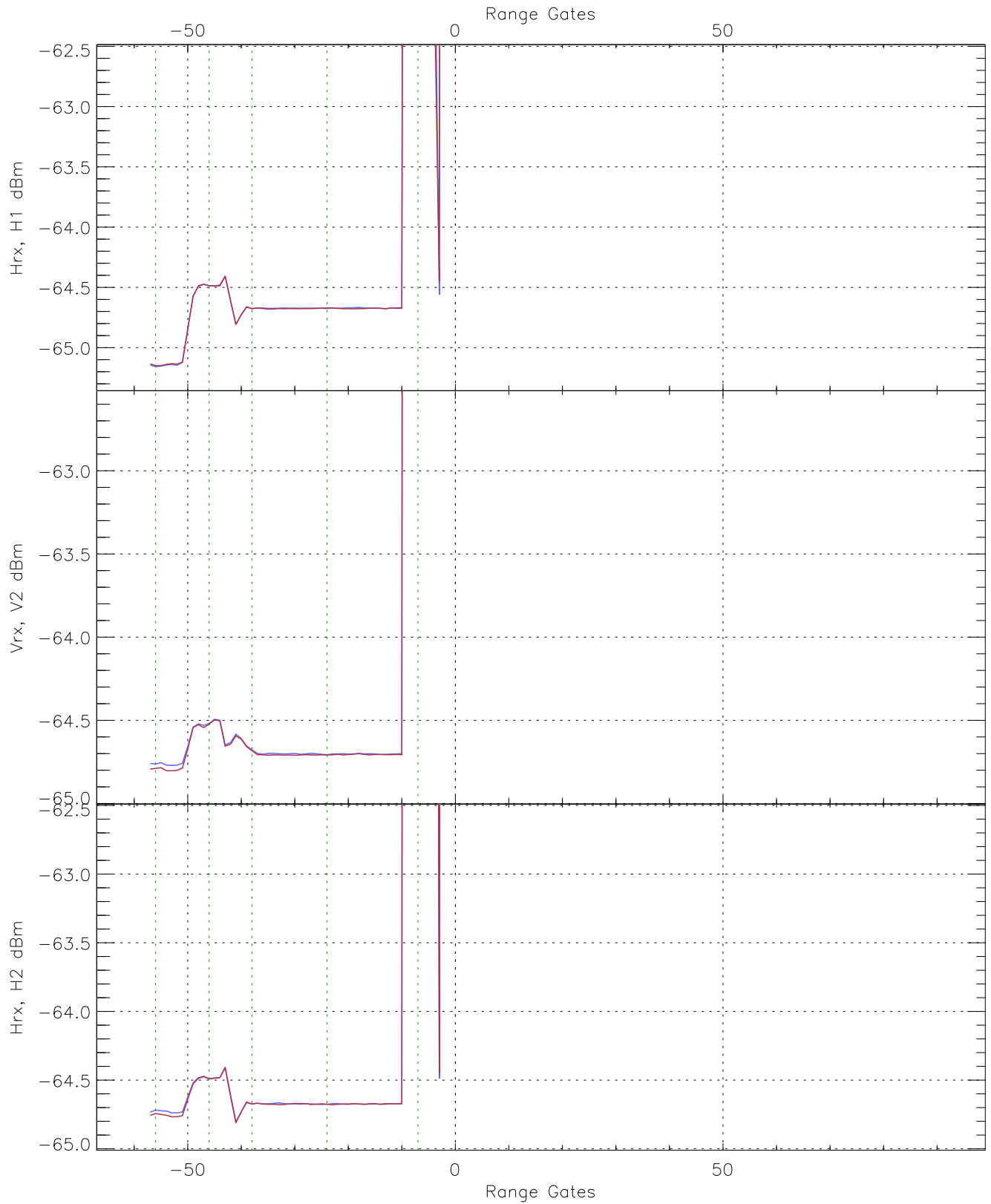
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-66.43	-63.88	-65.15	-65.16	-76.65
V2WL14_0 [dBm]	-66.09	-63.57	-64.78	-64.79	-76.28
H2WL14_0 [dBm]	-65.97	-63.53	-64.75	-64.76	-76.26

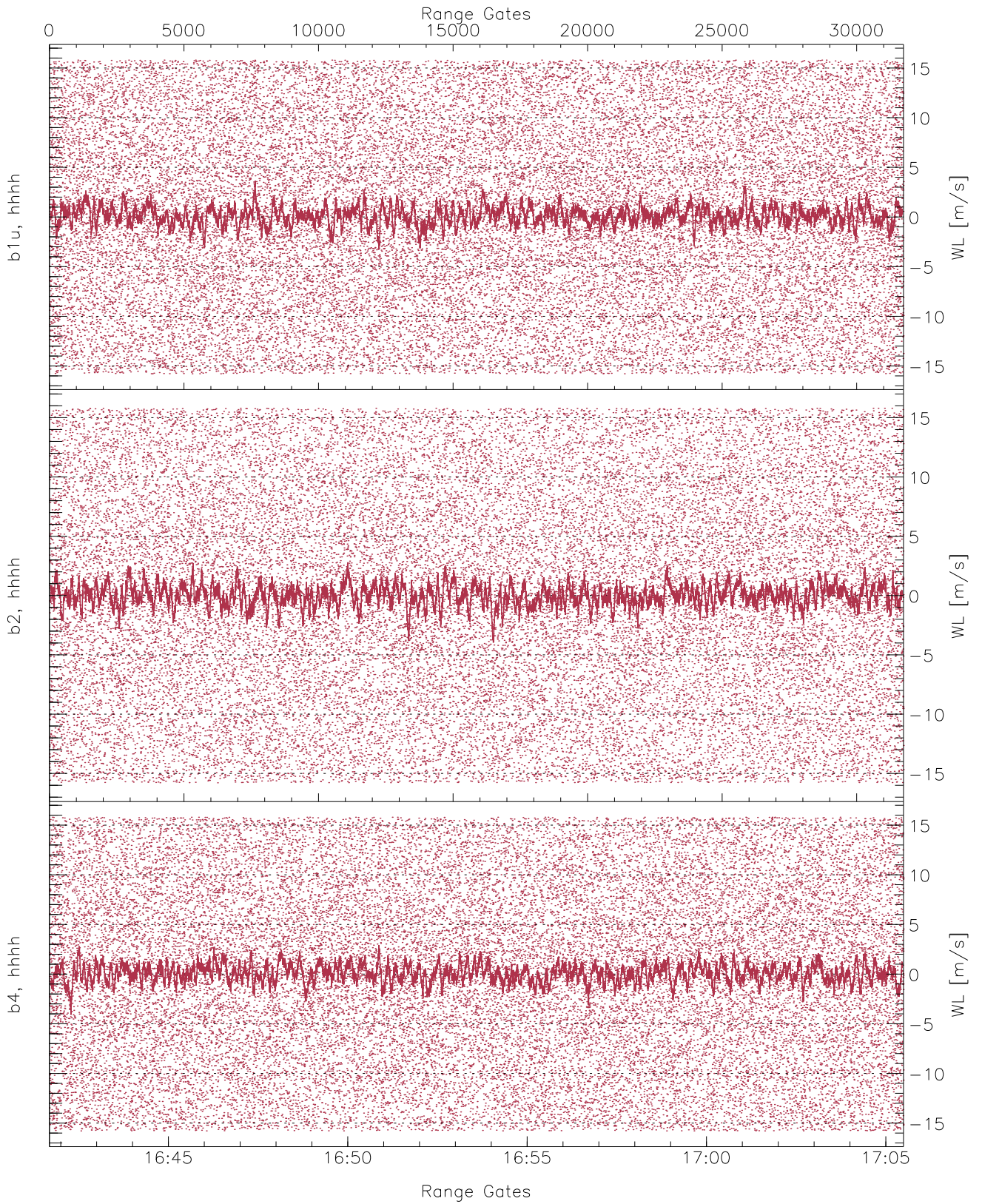




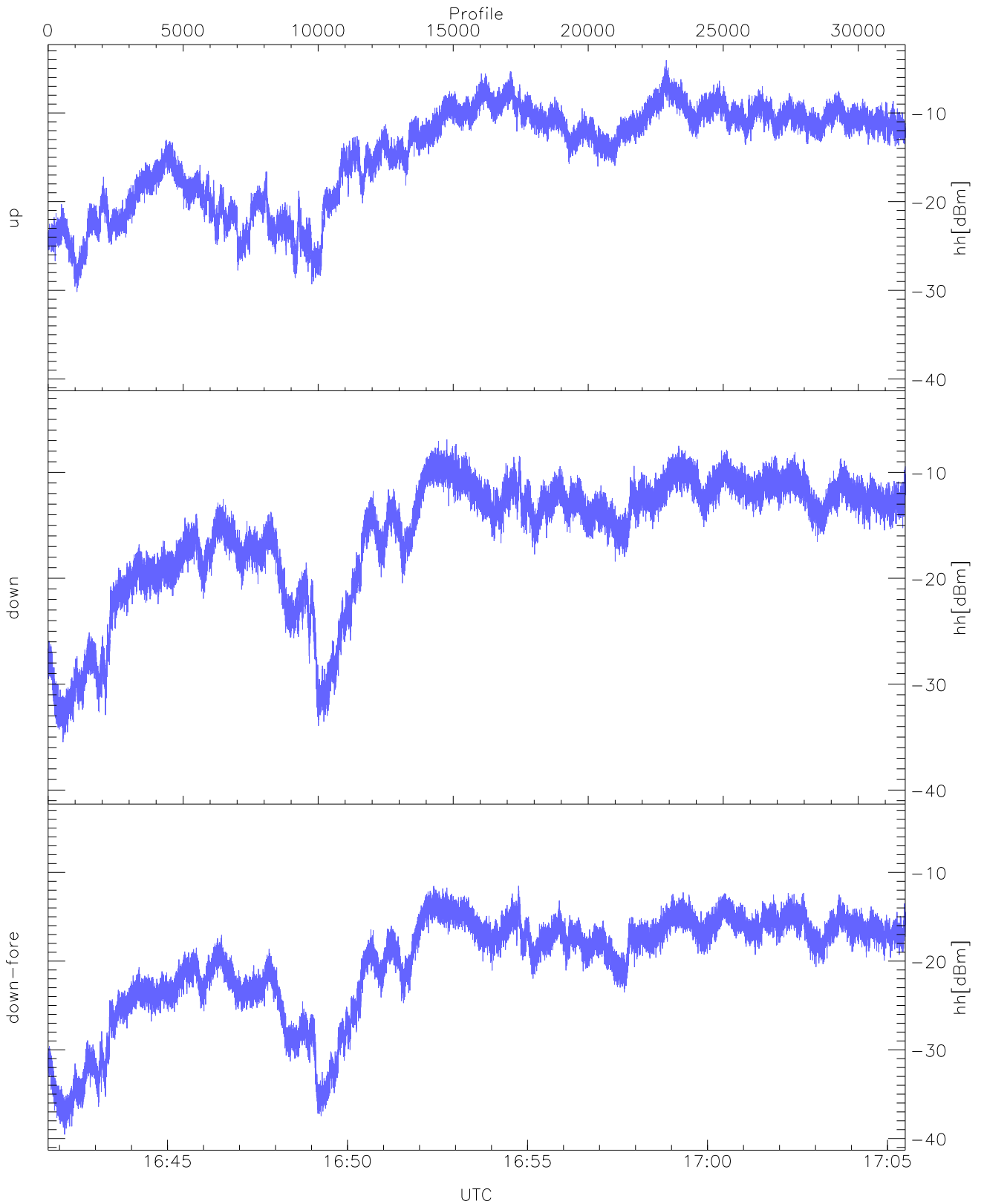
WCR3 CPP Averaged Received power for all recorded gates  
blue: 164141-165335, 15871 profiles averaged  
red: 165335-170530, 15871 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 164141-165335, 15871 profiles averaged  
red: 165335-170530, 15871 profiles averaged

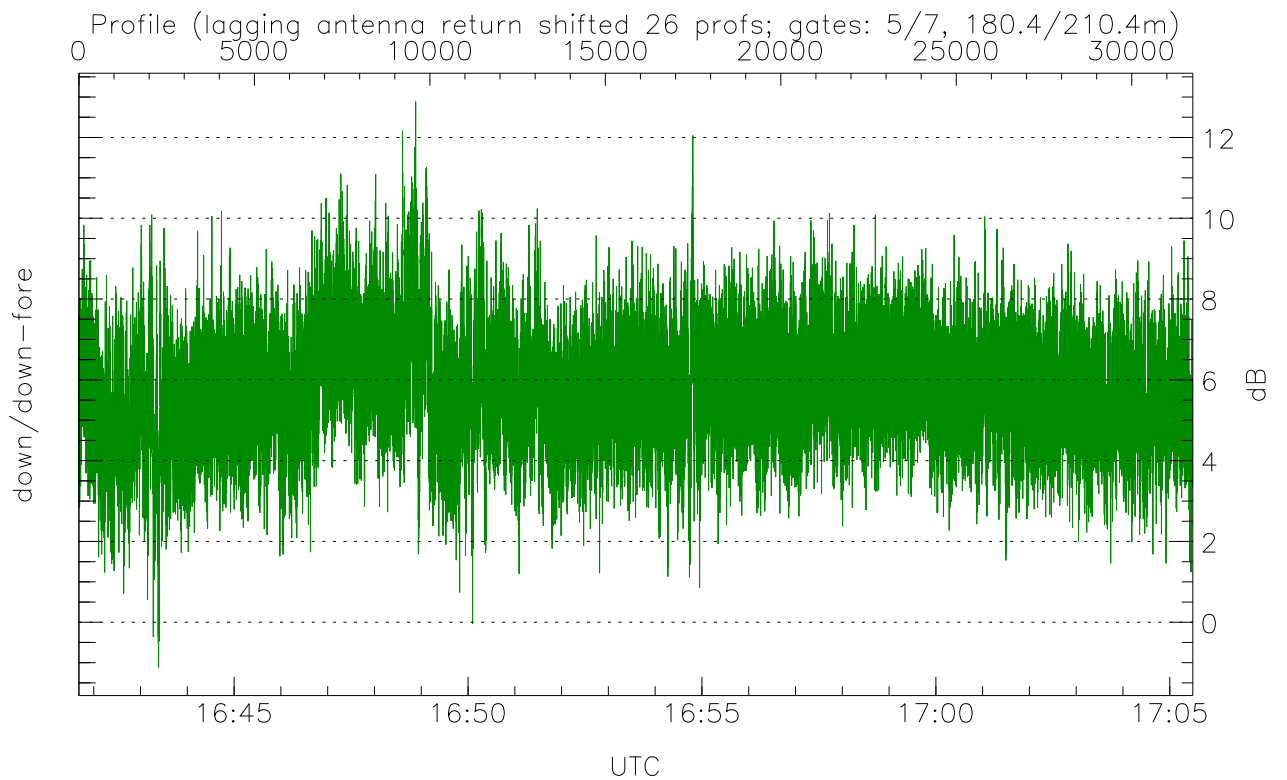
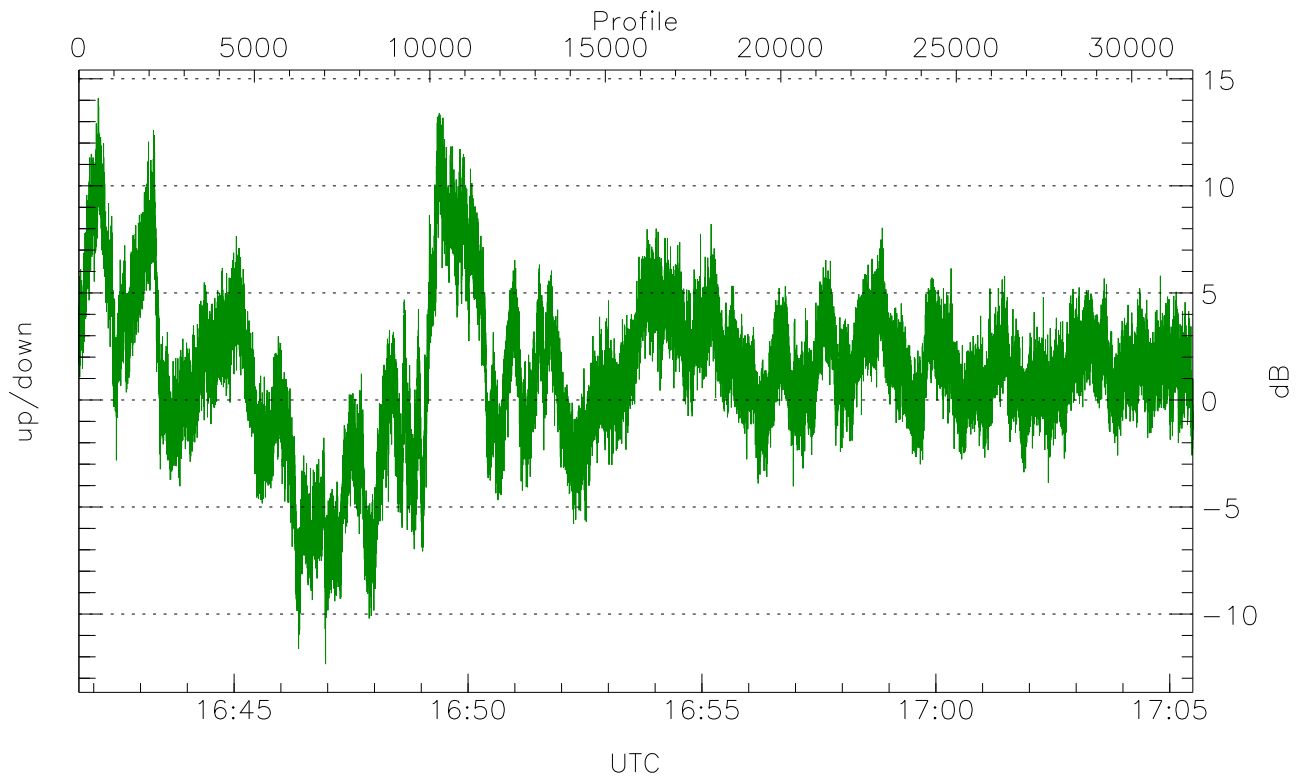


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



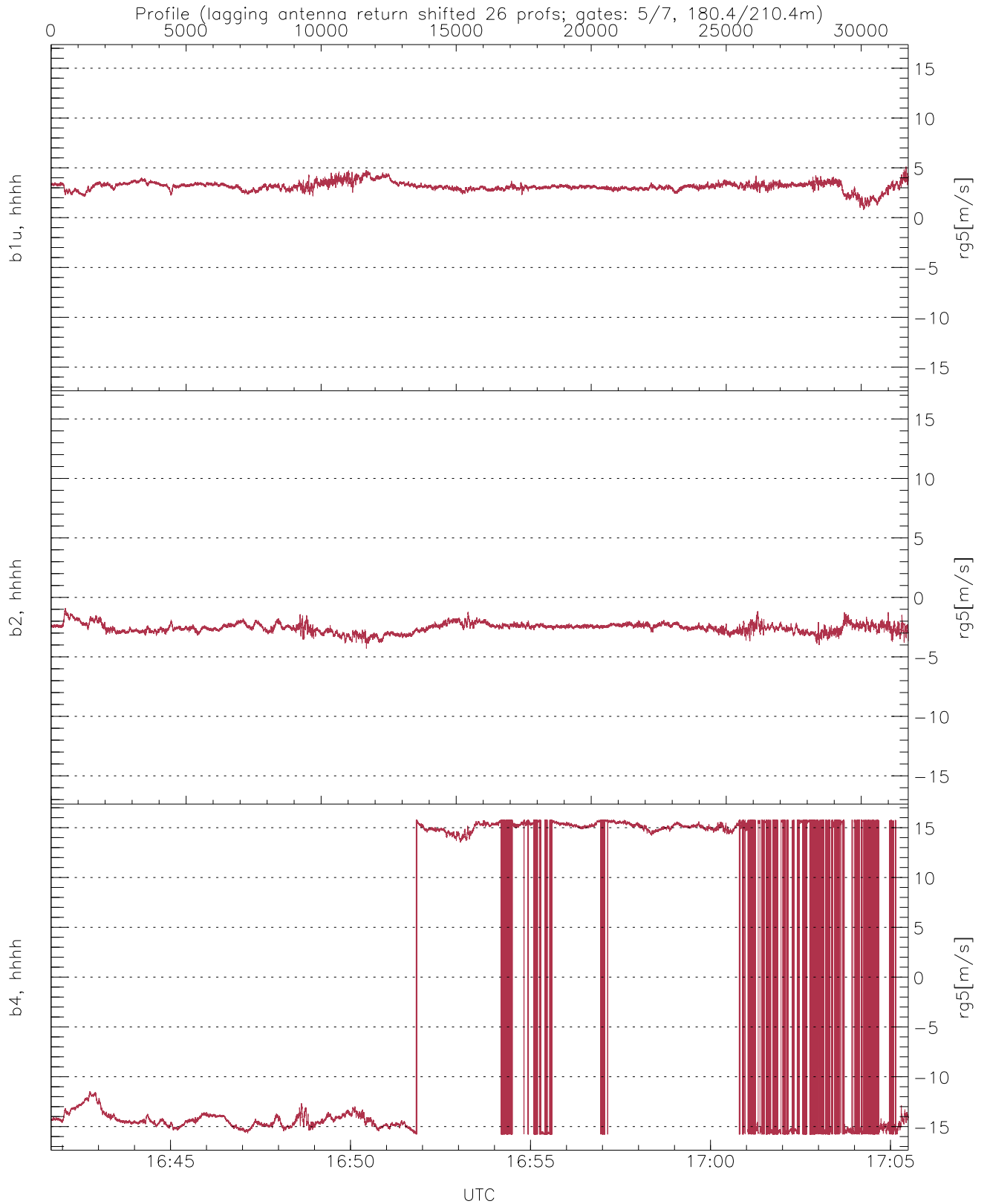
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-30.17	-4.06	-12.11
down(hh[dBm])	-35.48	-6.88	-13.51
down-fore(hh[dBm])	-39.55	-11.52	-17.92



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

	Min	Max	Mean
up/down (dB)	-12.34	14.09	1.34
down/down-fore (dB)	-1.11	12.89	5.78



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	0.79	5.12	3.14	0.46
b2, hhhh(rg5[m/s])	-4.30	-0.90	-2.56	0.40
b4, hhhh(rg5[m/s])	-15.79	15.79	-1.85	14.76