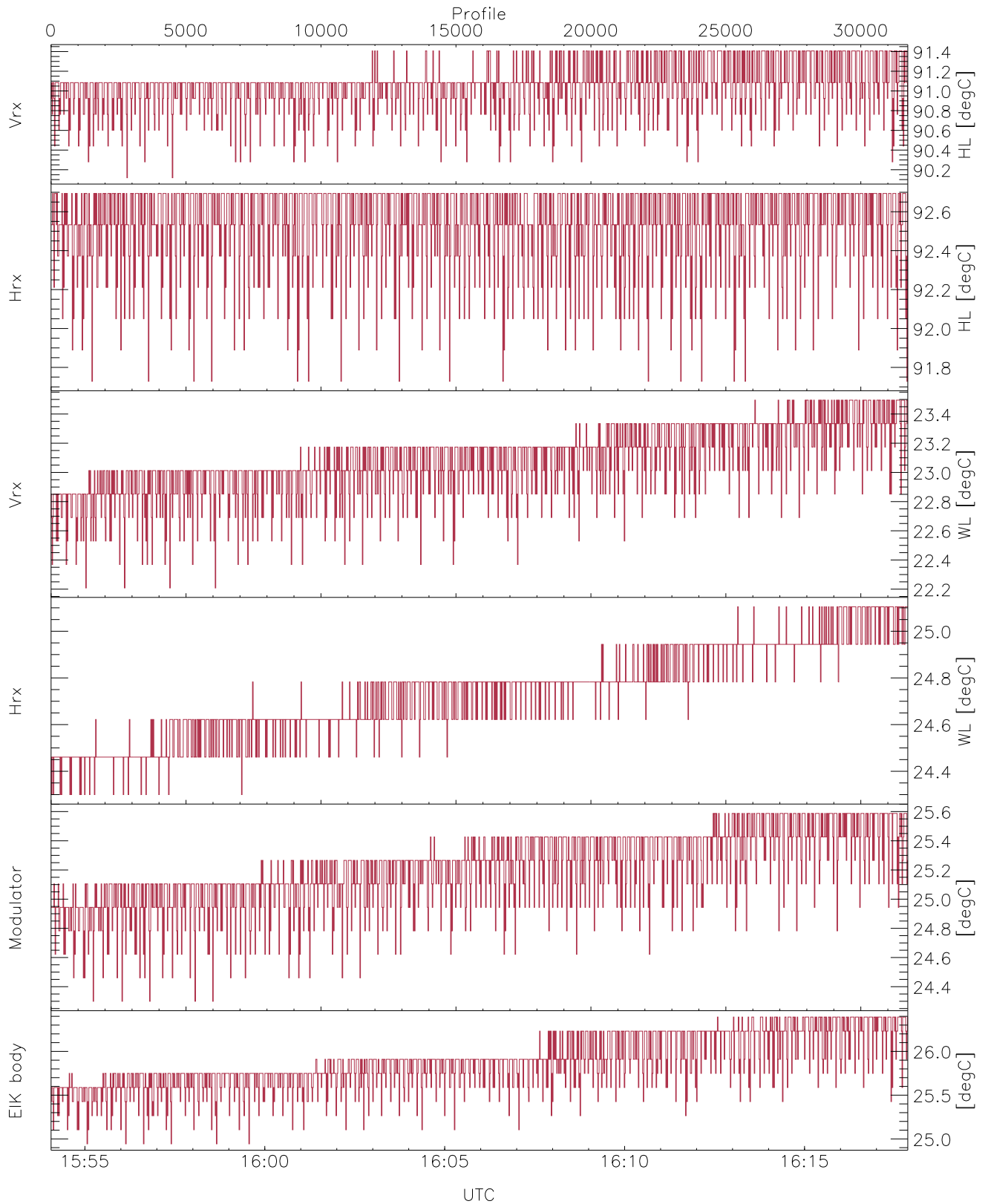


WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

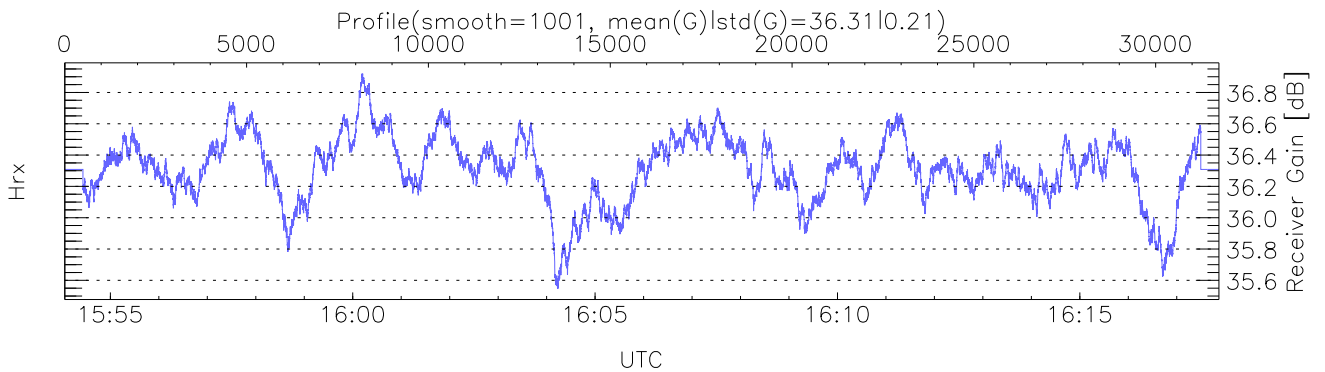
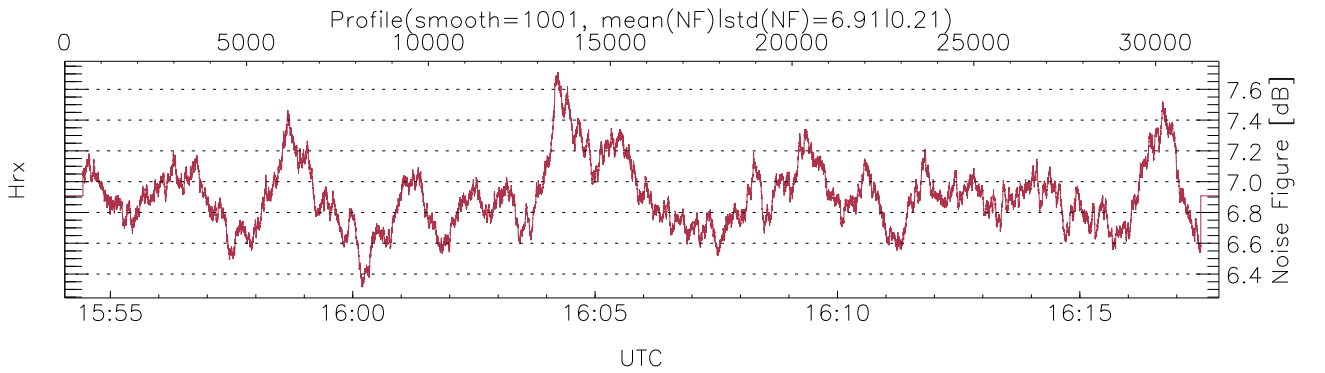
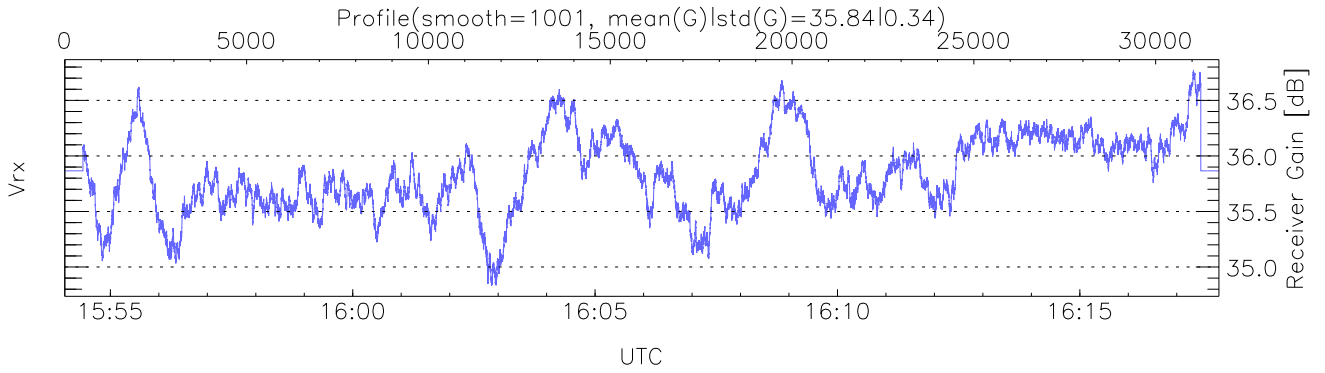
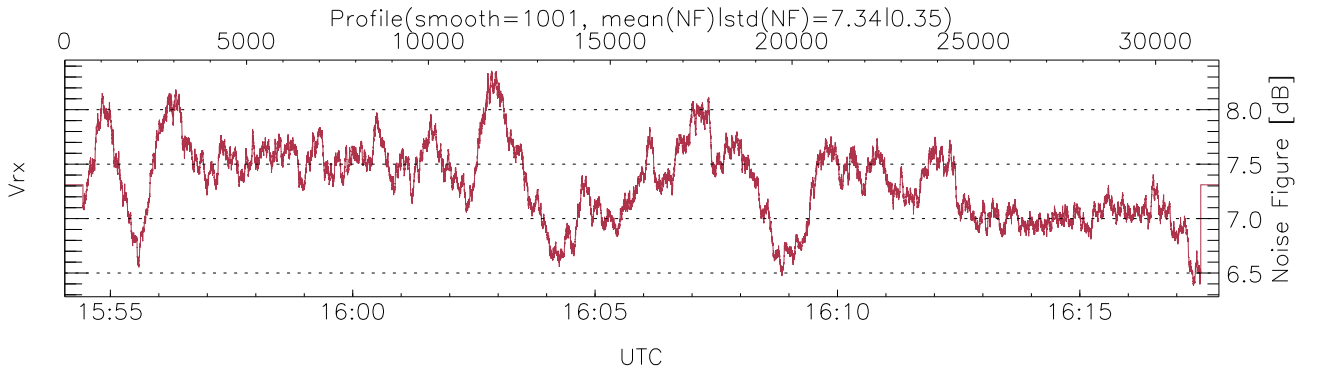
UTC: 15:54:04-16:17:52, TimeCor: 0.00s, Dur: 1428.66s  
 TimeFlg: 1, TFPstatus constant.  
 TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2  
 NumRec(r/t): 31741/31741, 0-31740/15:54:04-16:17:52  
 AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100  
 Pulse: 250ns, 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,x = no mirror|sidelup|error): 1



WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

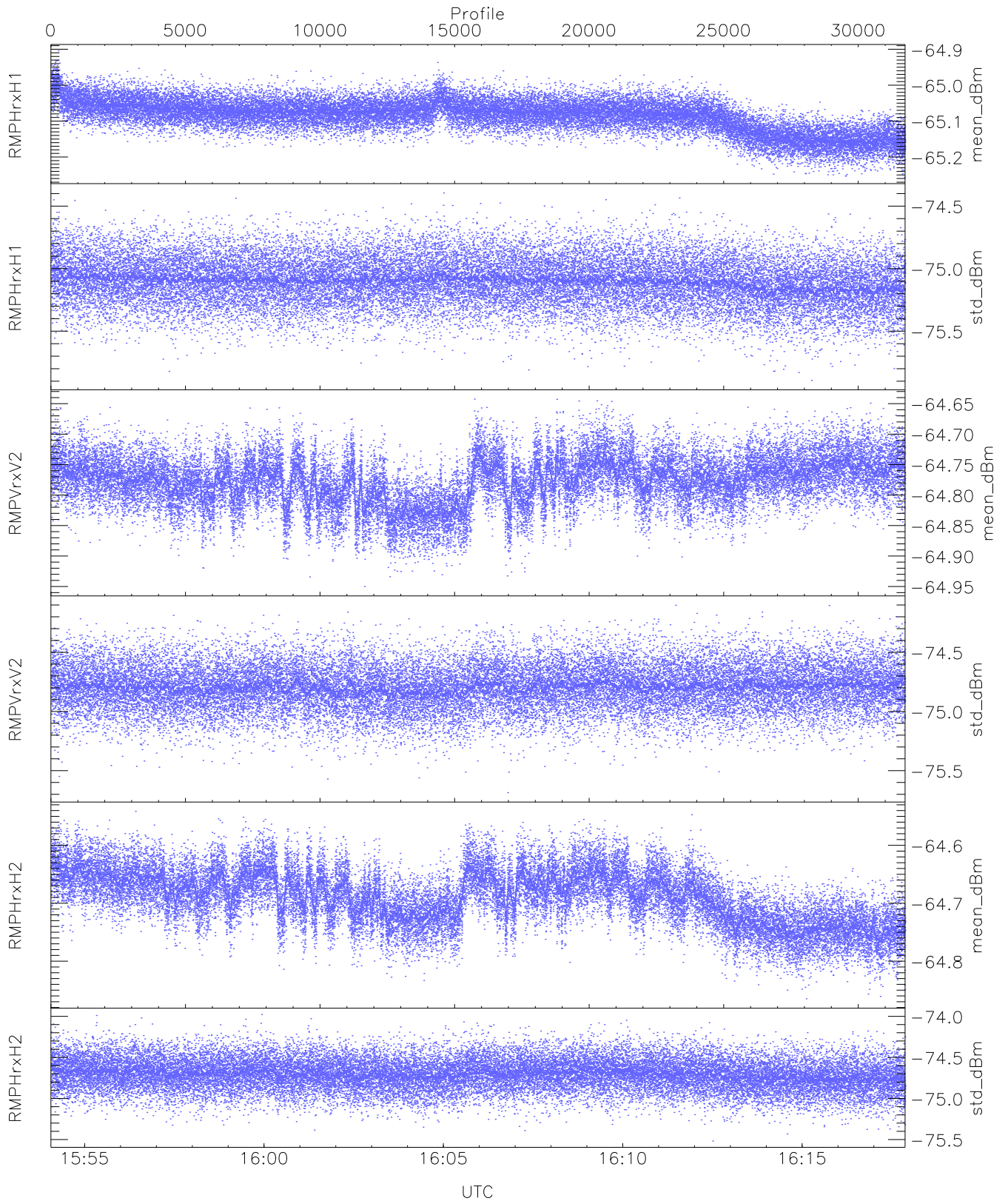
```

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,22,24,24,24
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,23,25,25,26
LOalarm(20,240,2817,14861 MHz): 0,0,90,0
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,Fault2,DeckF,OverDuty,HVPS,Fault1 (68,68,92,68,92,68,68,68)
    
```



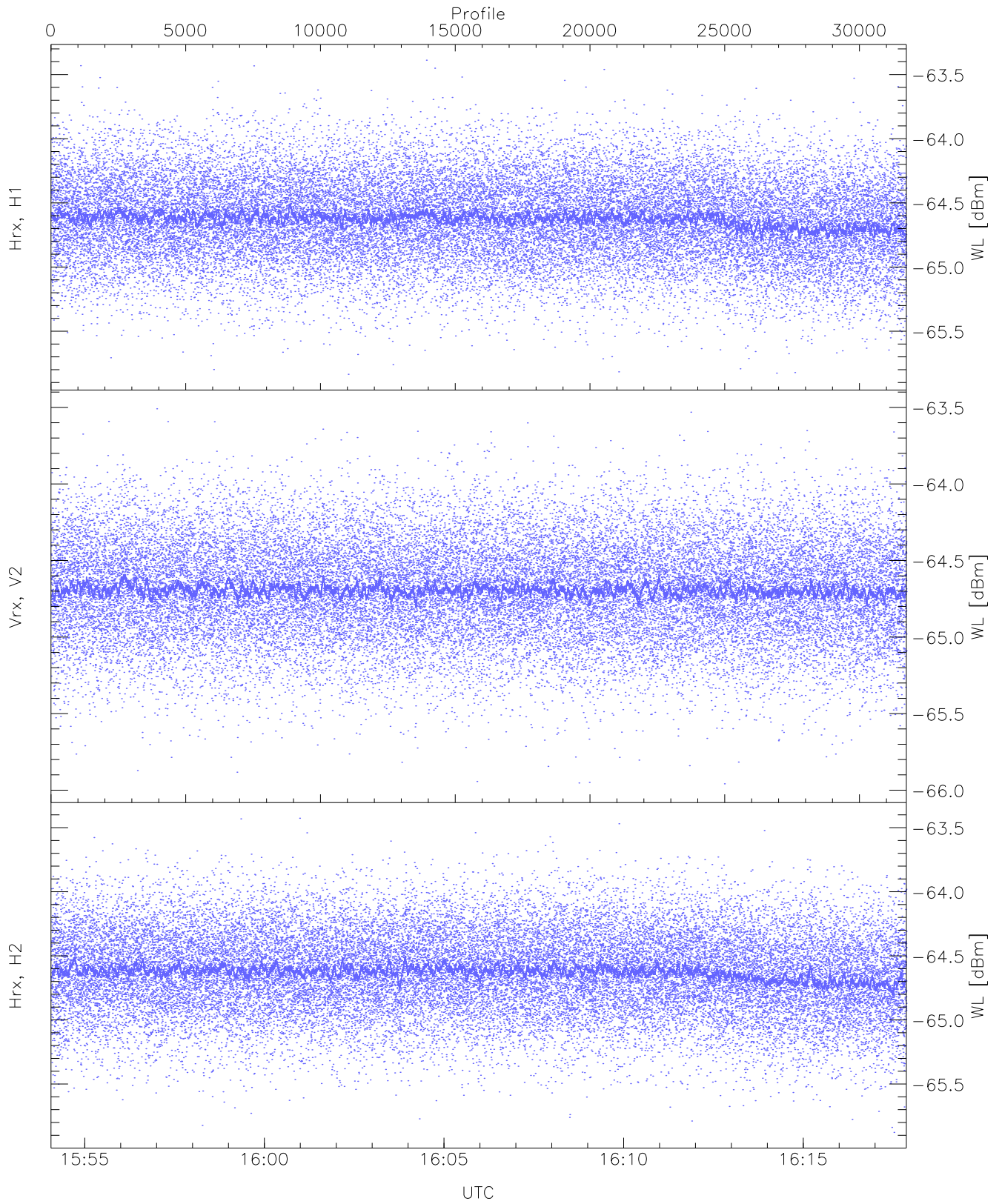
### WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 2 pixs, 1 gates, 2 profs, 1 prod(s)



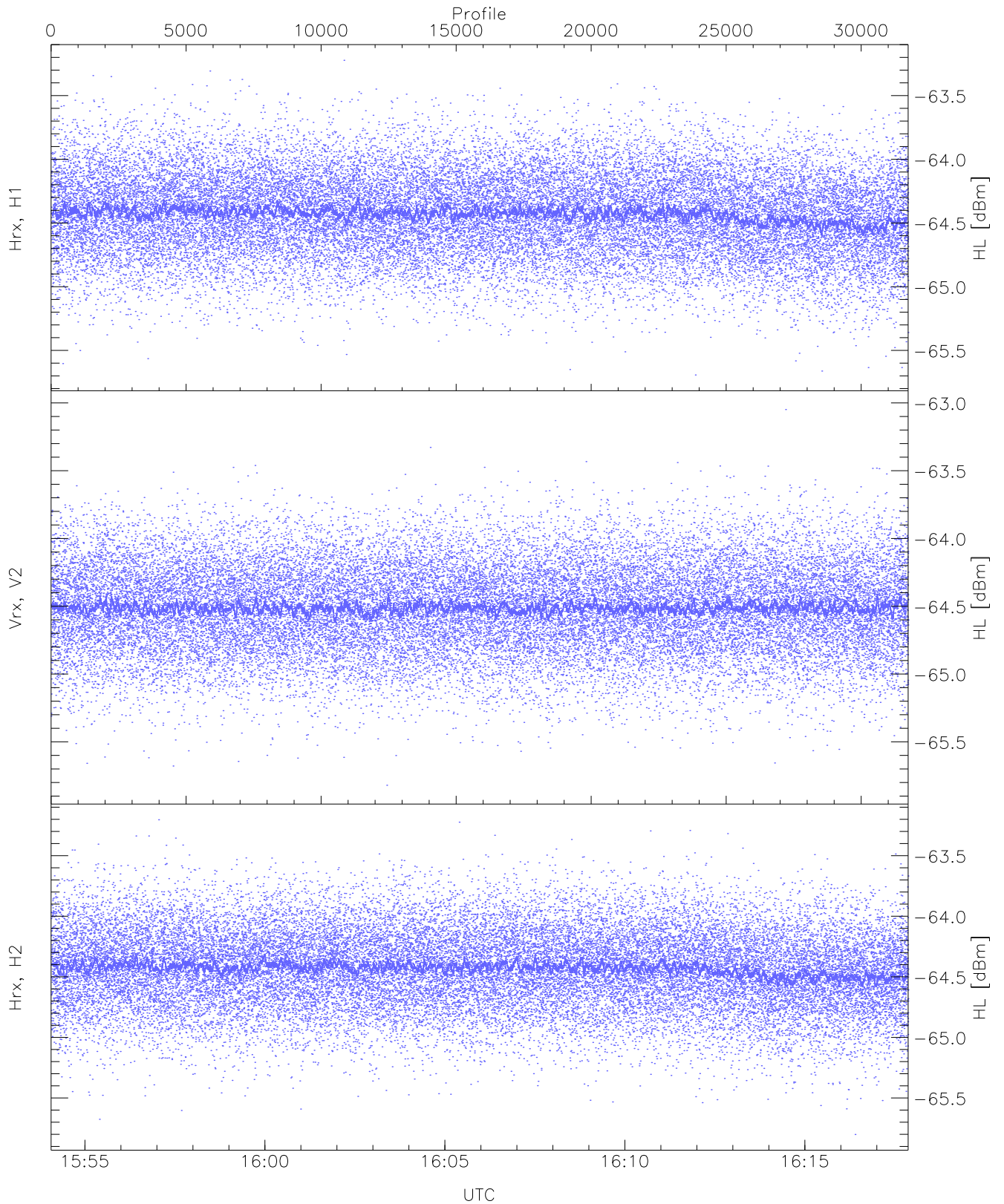
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.26	-64.90	-65.09	-65.08	-84.89
RMPHrxH1(std_dBm)	-75.89	-74.40	-75.10	-75.10	-88.84
RMPVrxV2(mean_dBm)	-64.95	-64.64	-64.78	-64.77	-85.00
RMPVrxV2(std_dBm)	-75.69	-74.10	-74.79	-74.80	-88.54
RMPHrxH2(mean_dBm)	-64.86	-64.54	-64.69	-64.69	-84.25
RMPHrxH2(std_dBm)	-75.52	-73.98	-74.70	-74.71	-88.43



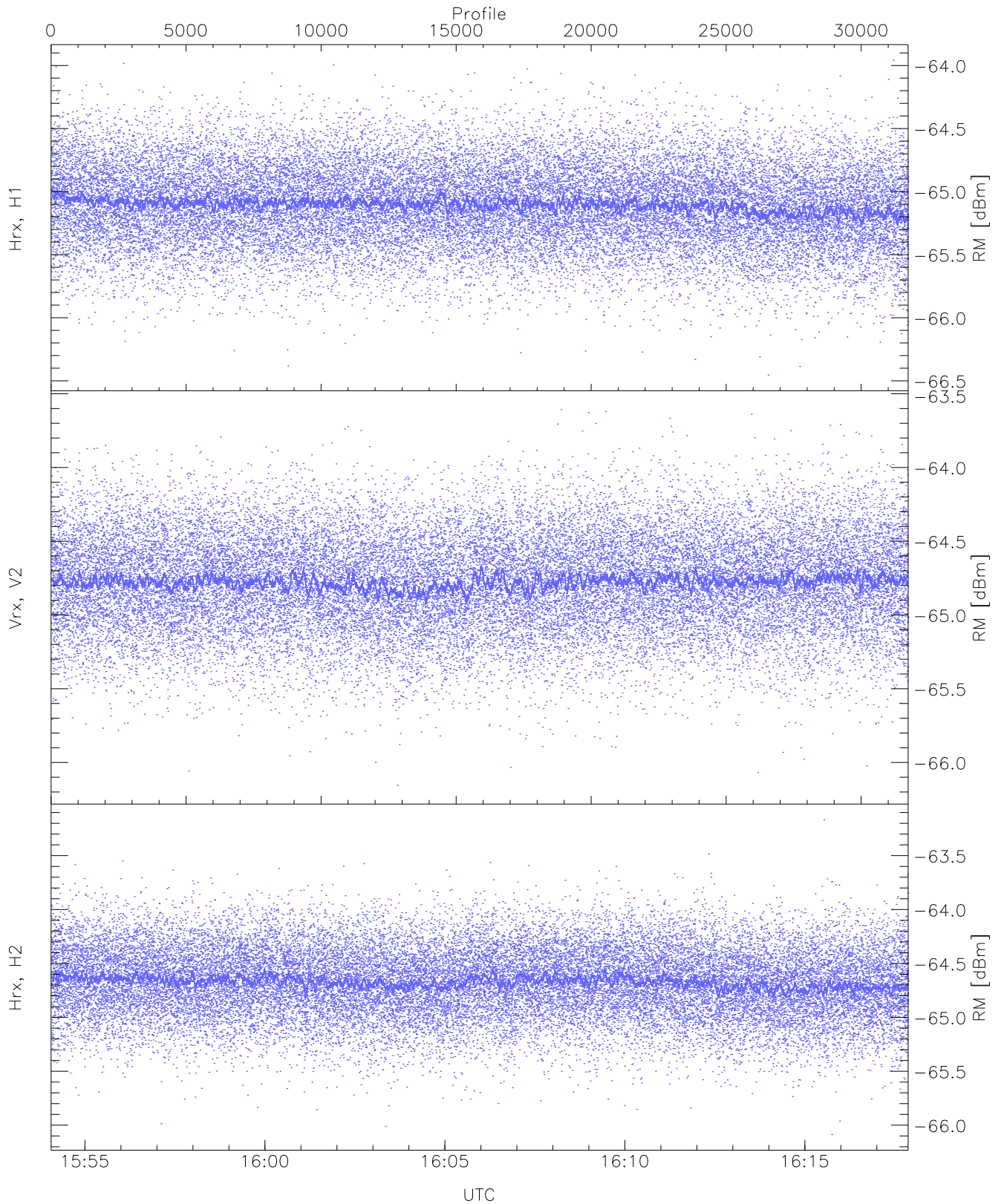
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.84	-63.39	-64.62	-64.63	-76.11
Vrx, V2 (WL [dBm])	-65.96	-63.51	-64.69	-64.69	-76.22
Hrx, H2 (WL [dBm])	-65.88	-63.43	-64.62	-64.63	-76.10



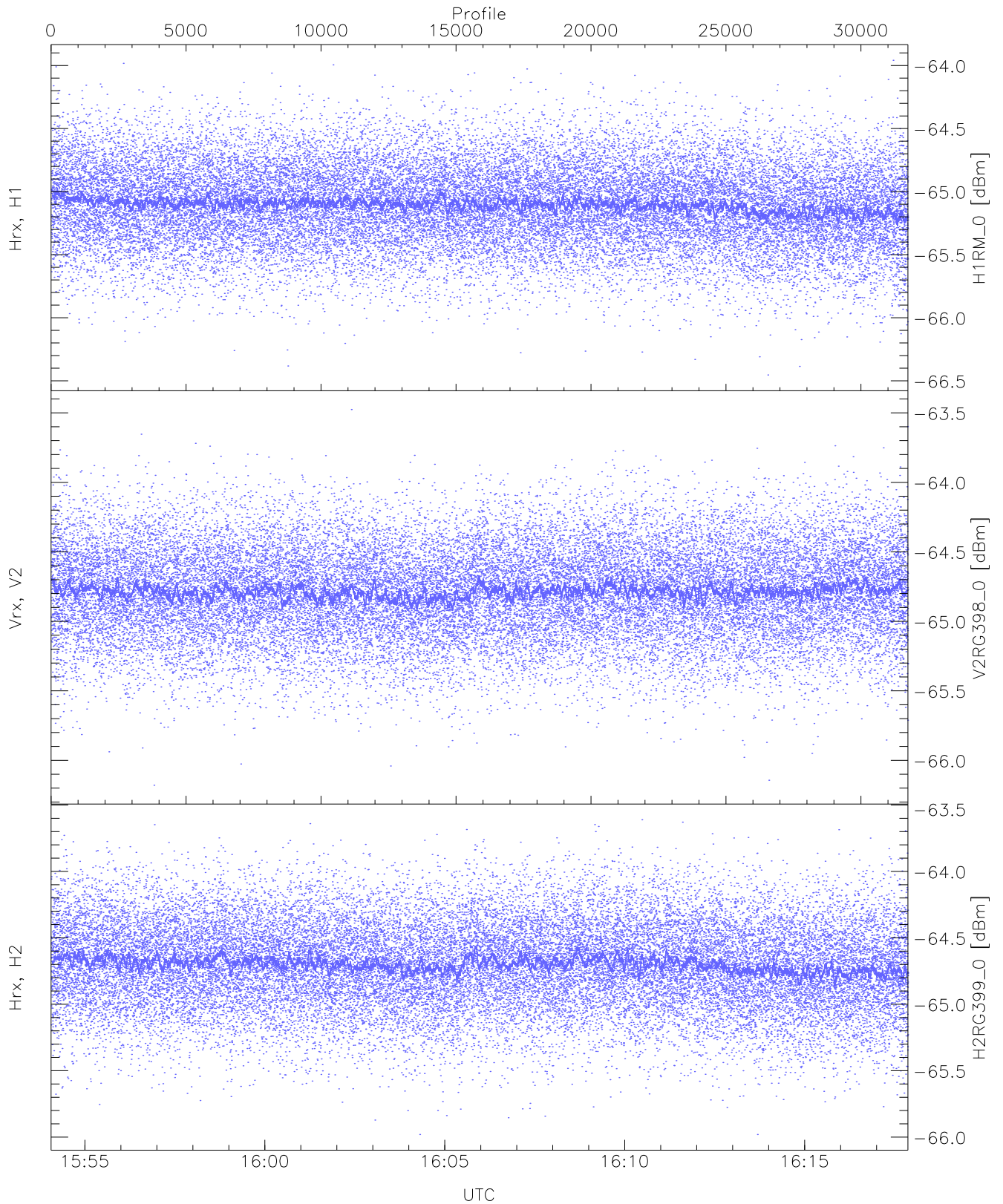
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.69	-63.22	-64.42	-64.43	-75.91
Vrx, V2 (HL [dBm])	-65.82	-63.05	-64.50	-64.51	-76.00
Hrx, H2 (HL [dBm])	-65.80	-63.20	-64.43	-64.43	-75.91



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

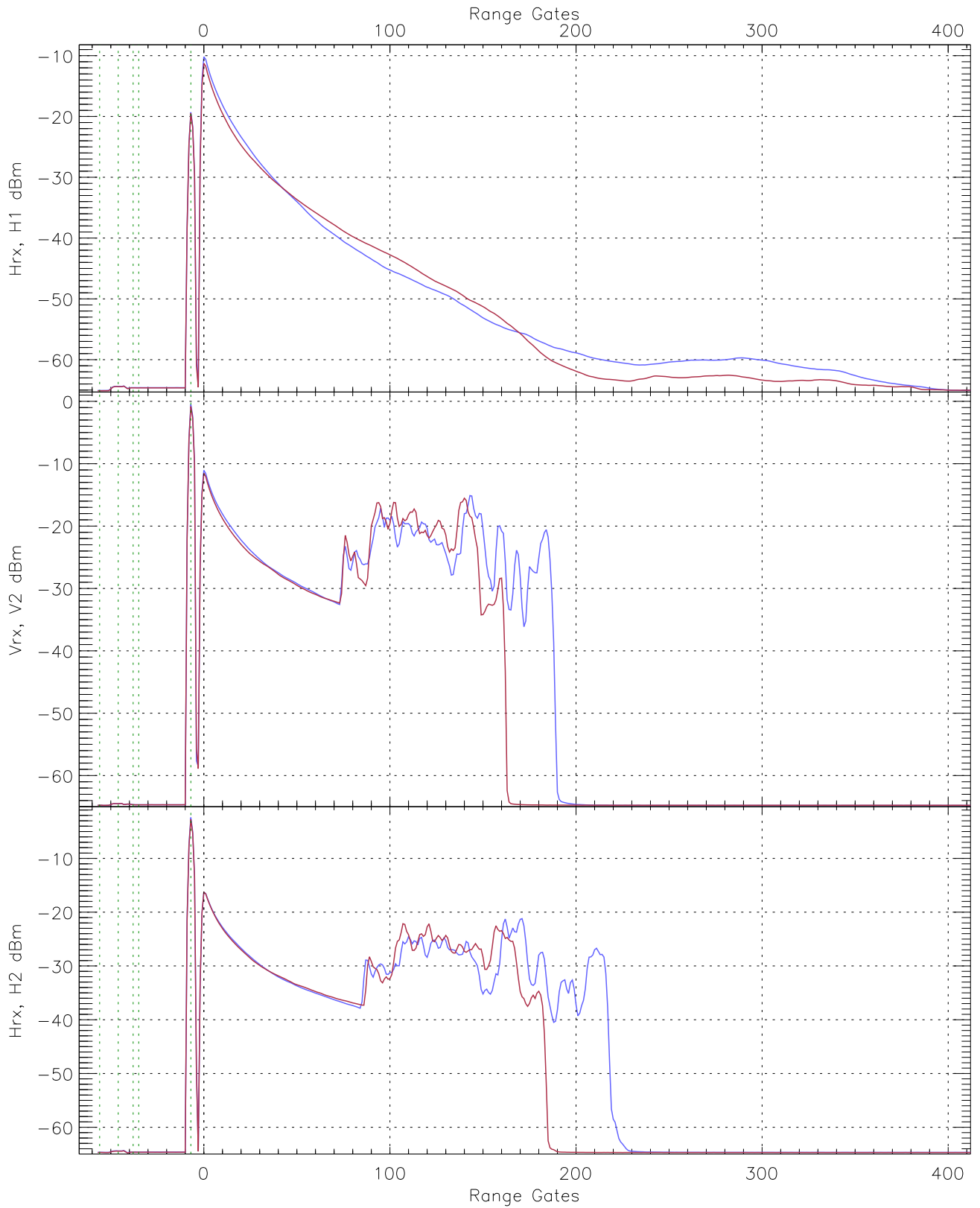
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.45	-63.96	-65.10	-65.11	-76.61
Vrx, V2 (RM [dBm])	-66.15	-63.61	-64.77	-64.78	-76.26
Hrx, H2 (RM [dBm])	-66.09	-63.17	-64.67	-64.67	-76.15



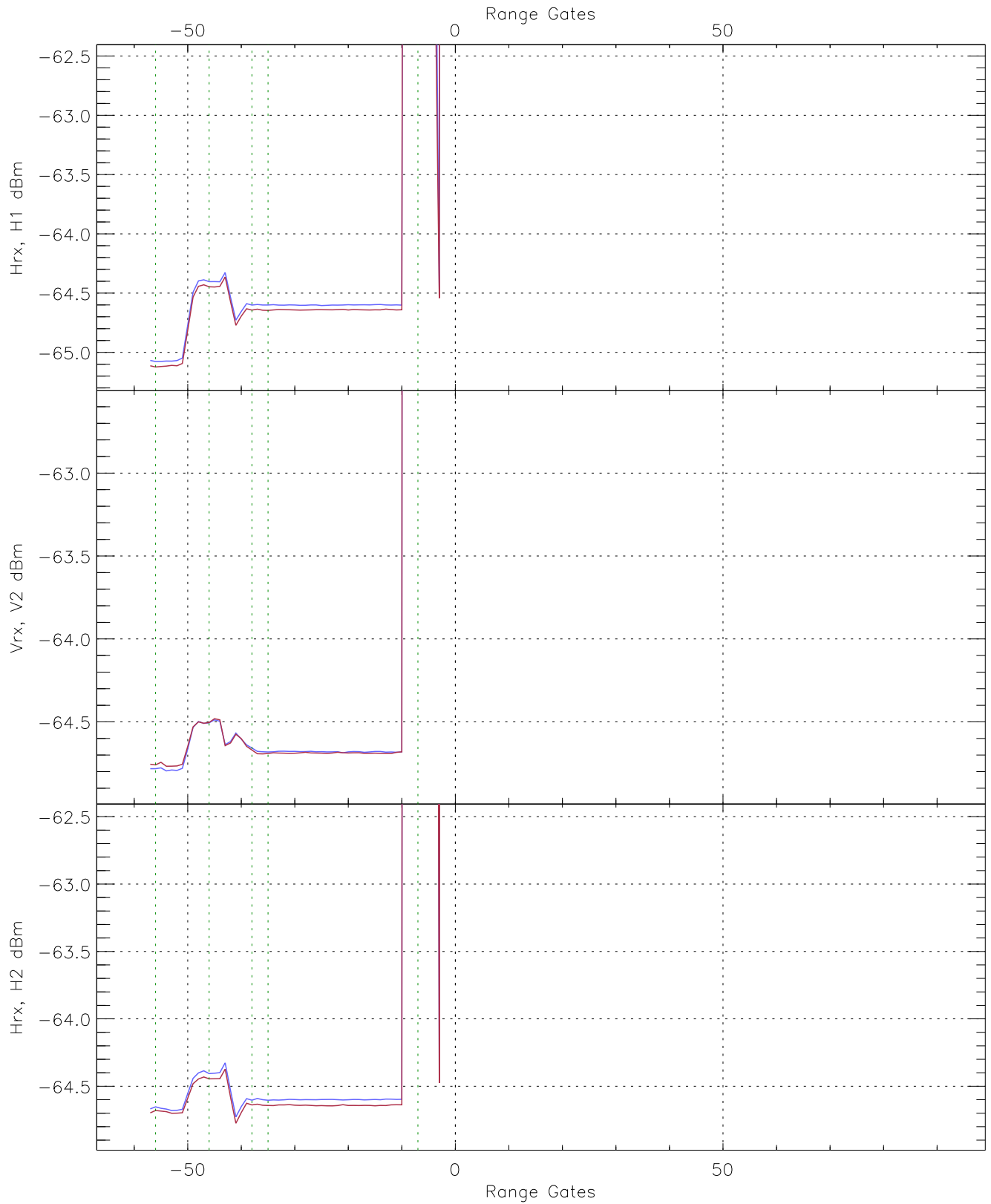
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-66.45	-63.96	-65.10	-65.11	-76.61
V2RG398_0 [dBm]	-66.18	-63.48	-64.78	-64.79	-76.24
H2RG399_0 [dBm]	-65.98	-63.61	-64.69	-64.70	-76.17

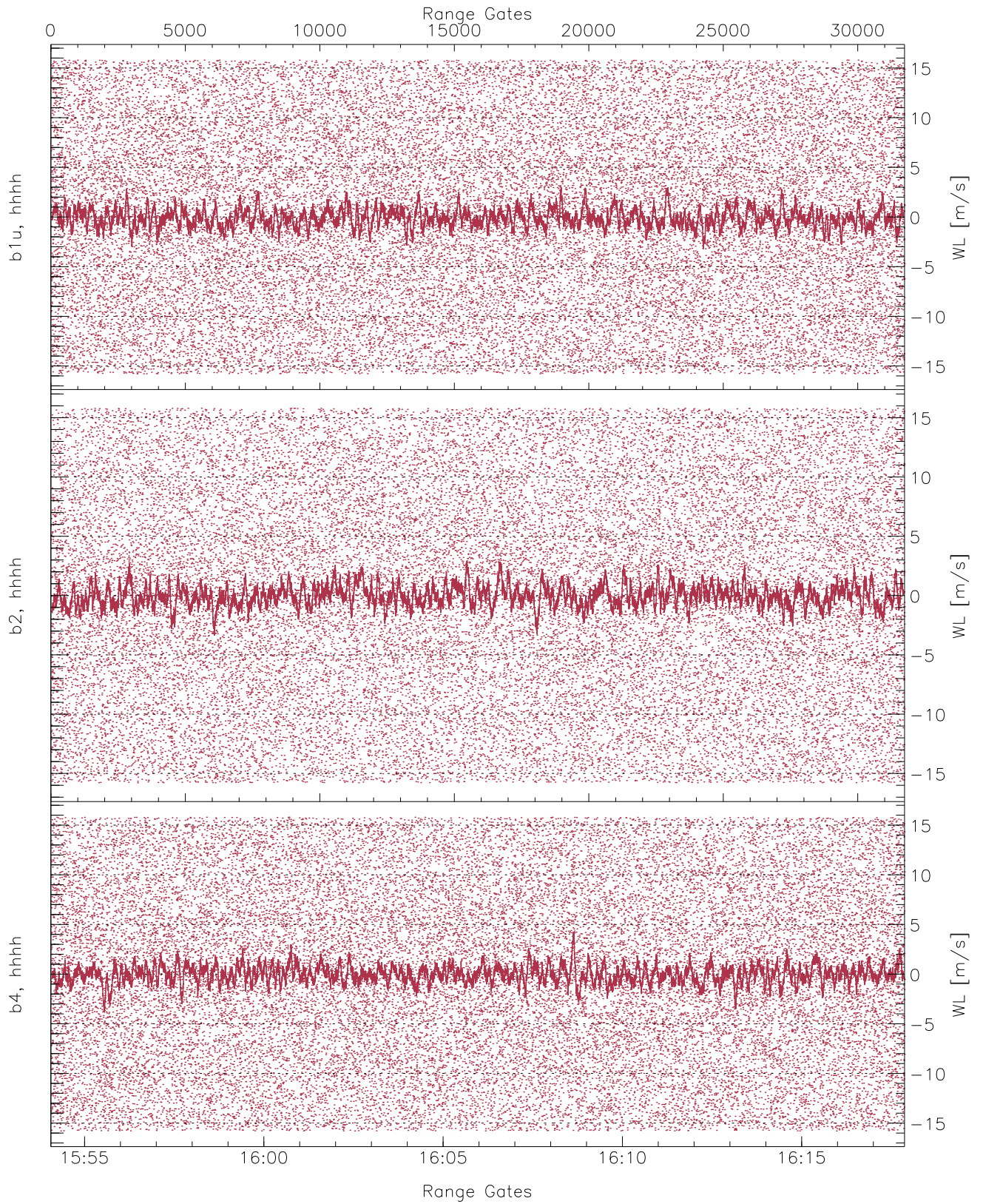




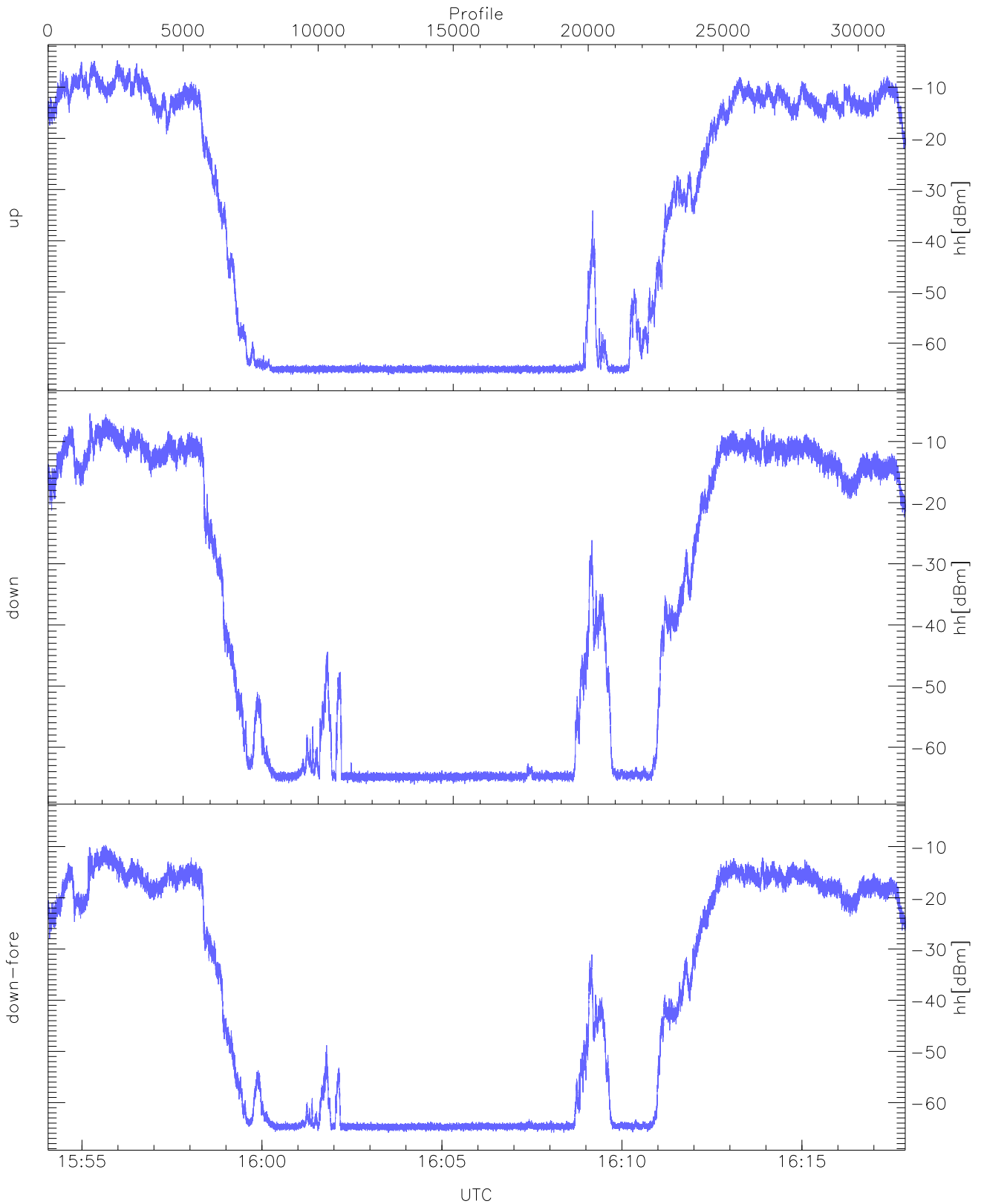
WCR3 CPP Averaged Received power for all recorded gates  
blue: 155404-160558, 15871 profiles averaged  
red: 160558-161752, 15871 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 155404-160558, 15871 profiles averaged  
red: 160558-161752, 15871 profiles averaged

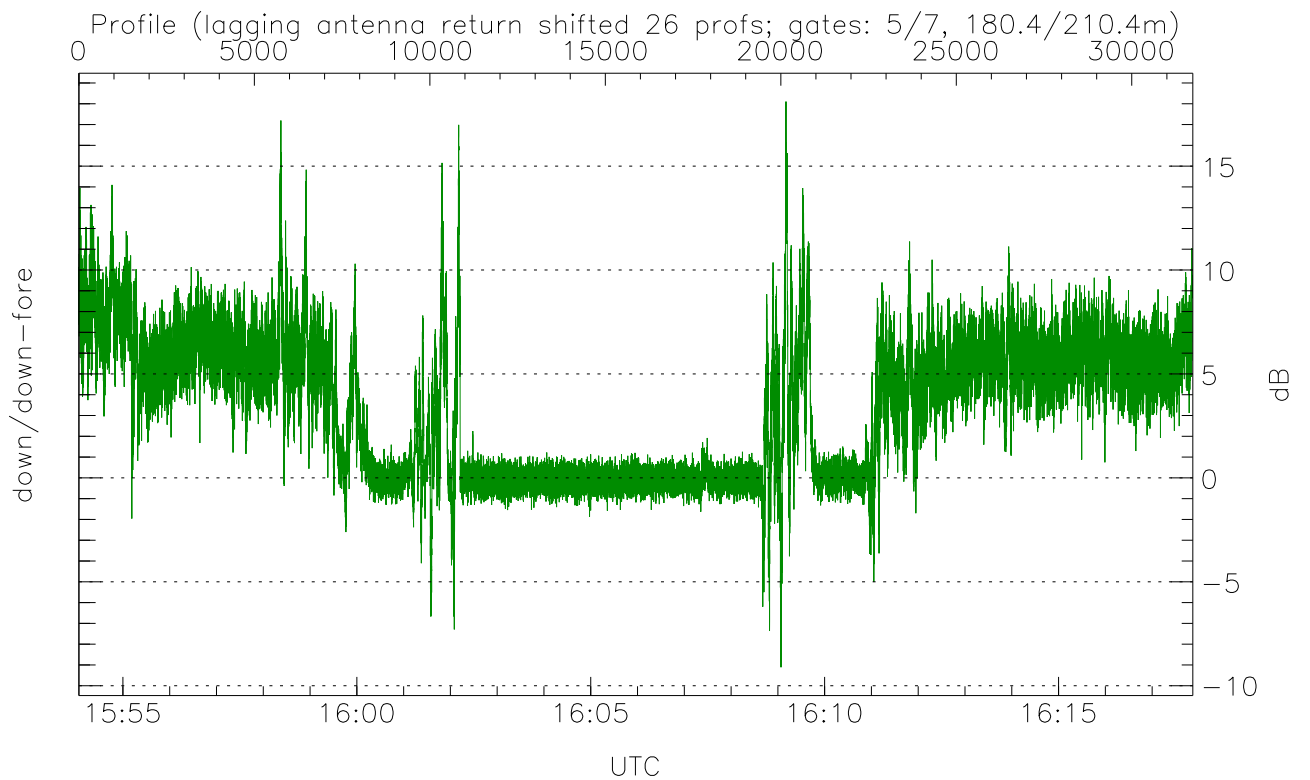
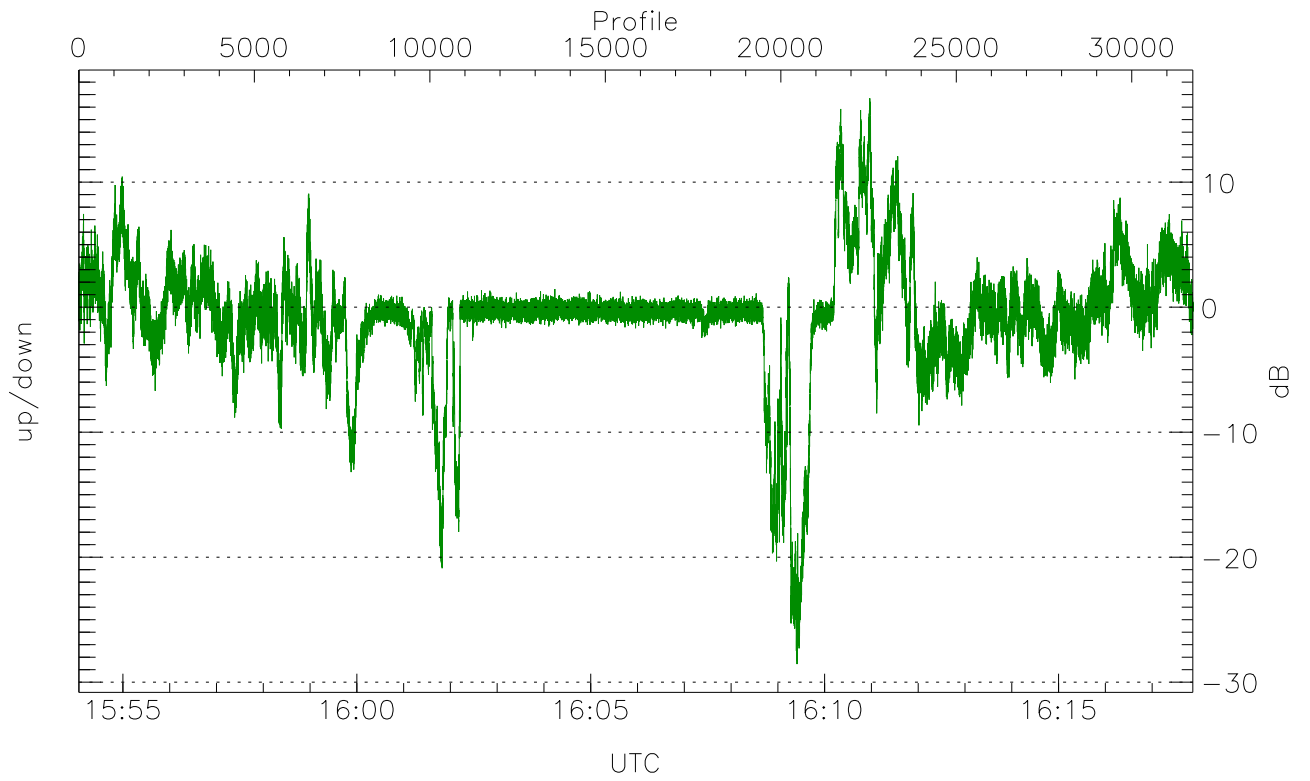


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



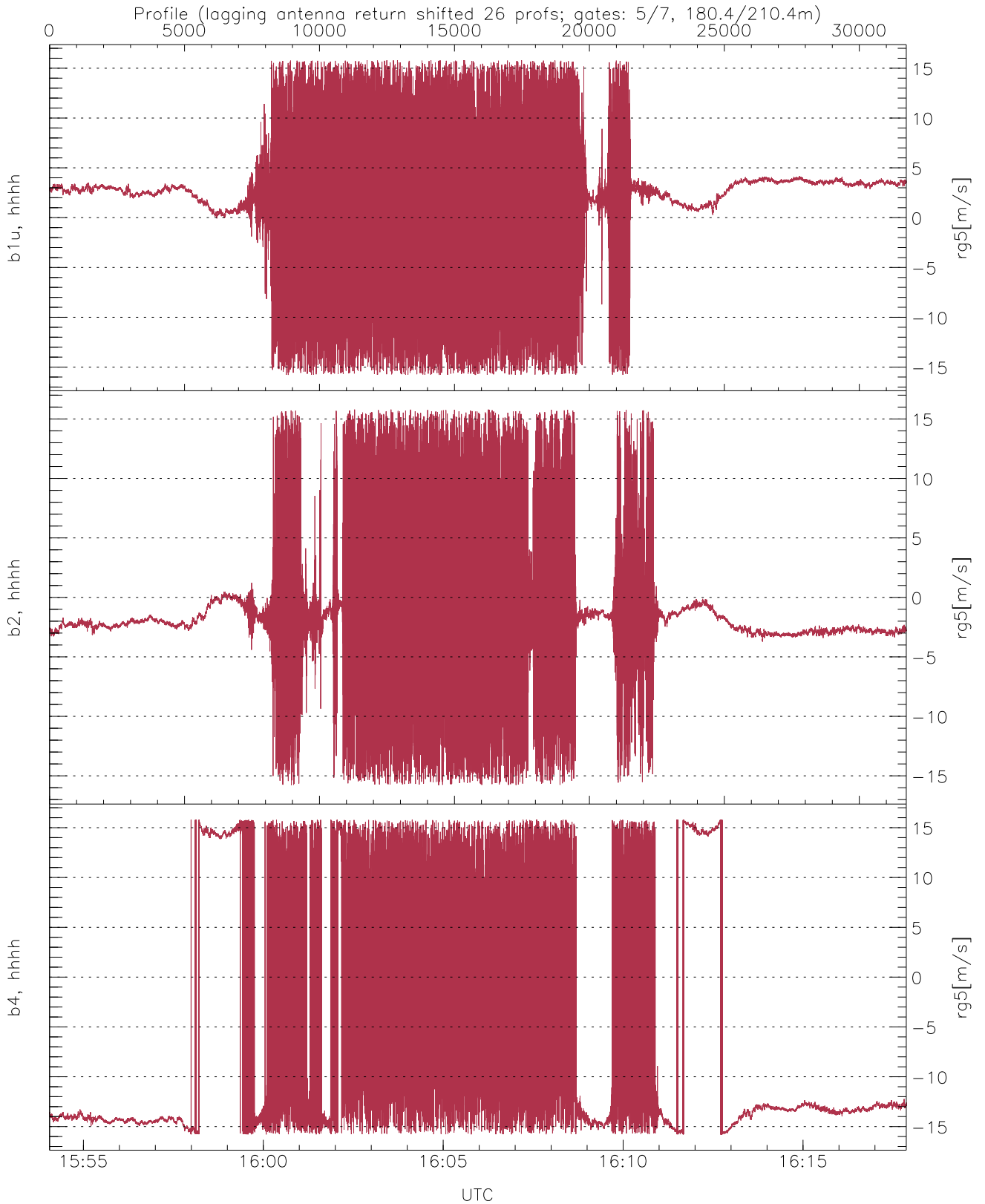
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.22	-4.76	-15.14
down(hh[dBm])	-66.12	-5.38	-15.41
down-fore(hh[dBm])	-65.88	-9.72	-19.99



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

	Min	Max	Mean
up/down (dB)	-28.55	16.71	-0.76
down/down-fore (dB)	-9.11	18.11	3.37



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	1.59	5.61
b2, hhhh(rg5[m/s])	-15.78	15.79	-1.38	5.01
b4, hhhh(rg5[m/s])	-15.79	15.79	-5.71	11.12