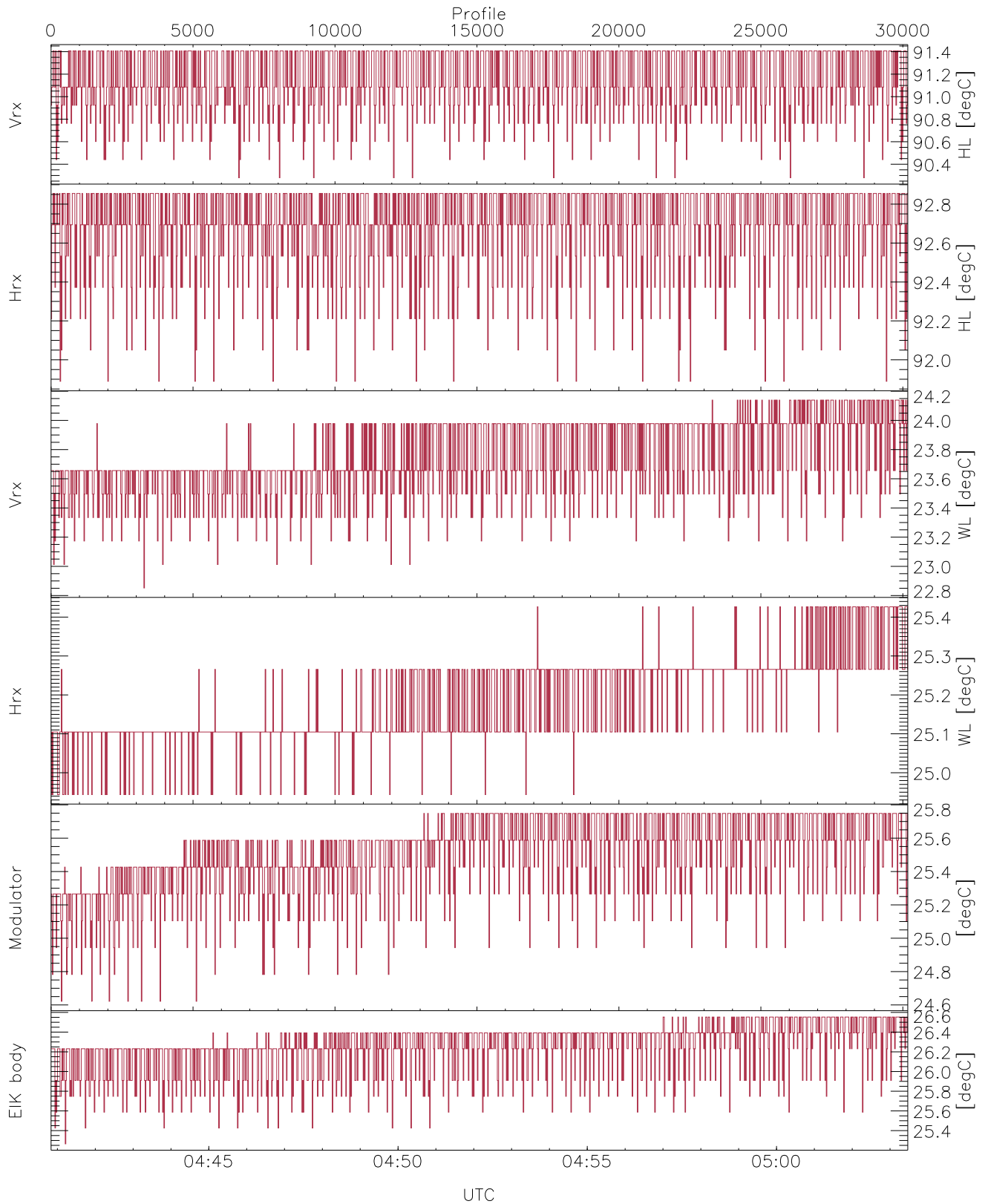


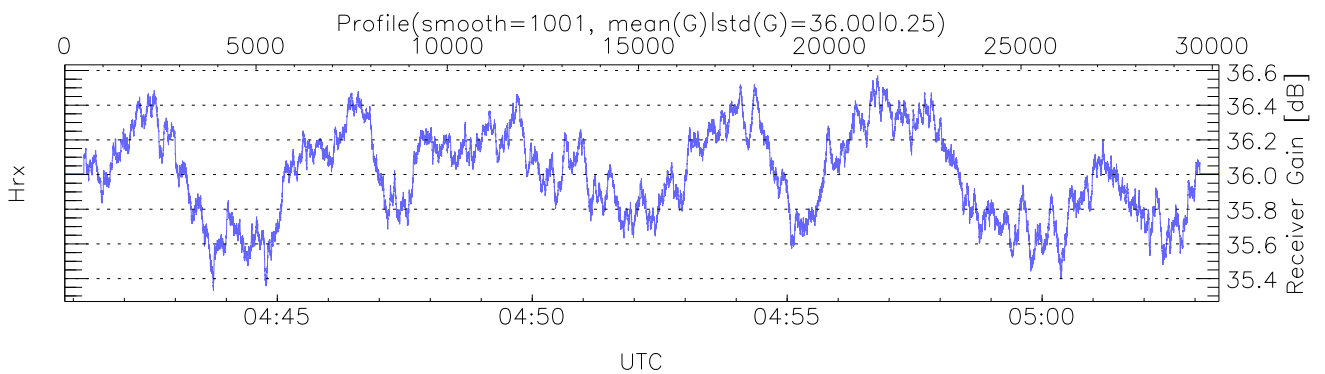
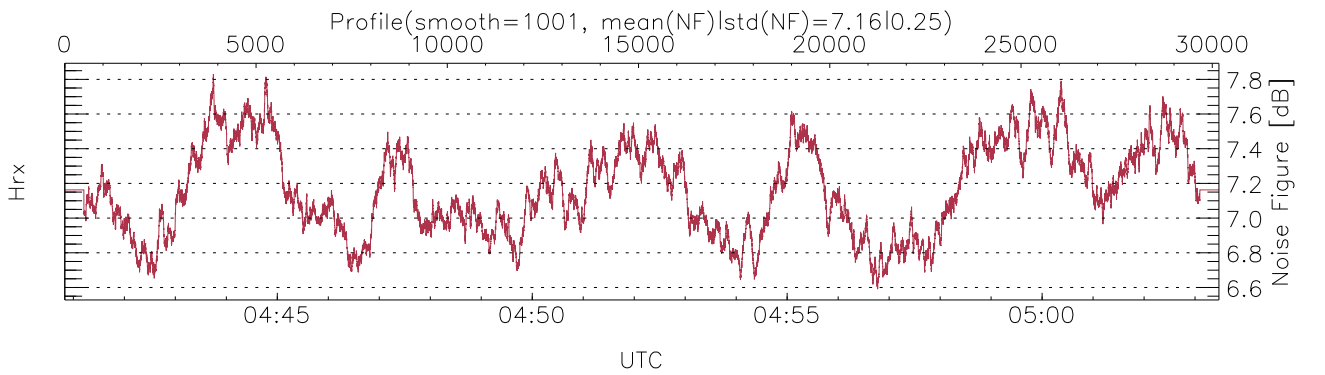
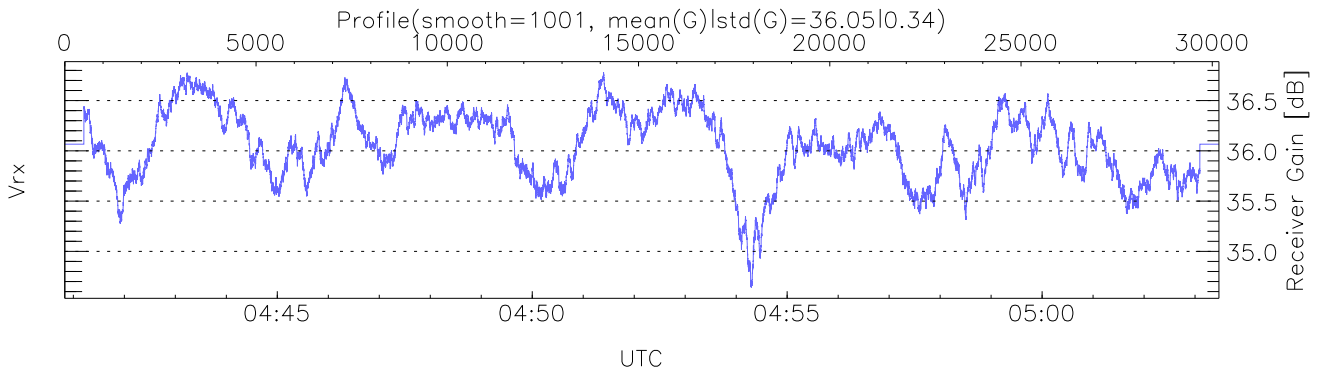
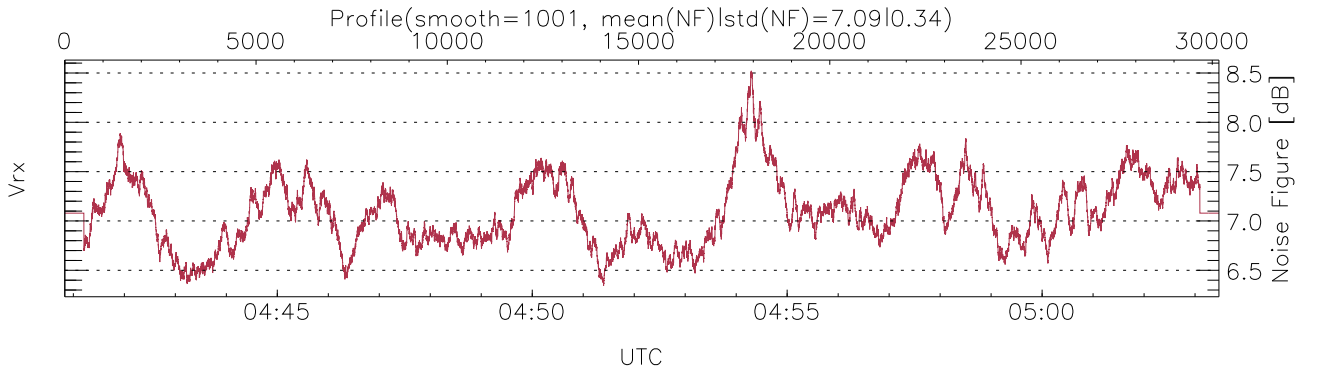
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 04:40:50-05:03:28, TimeCor: 0.00s, Dur: 1358.21s  
 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): 30176/30176, 0-30175/04:40:50-05:03:28  
 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



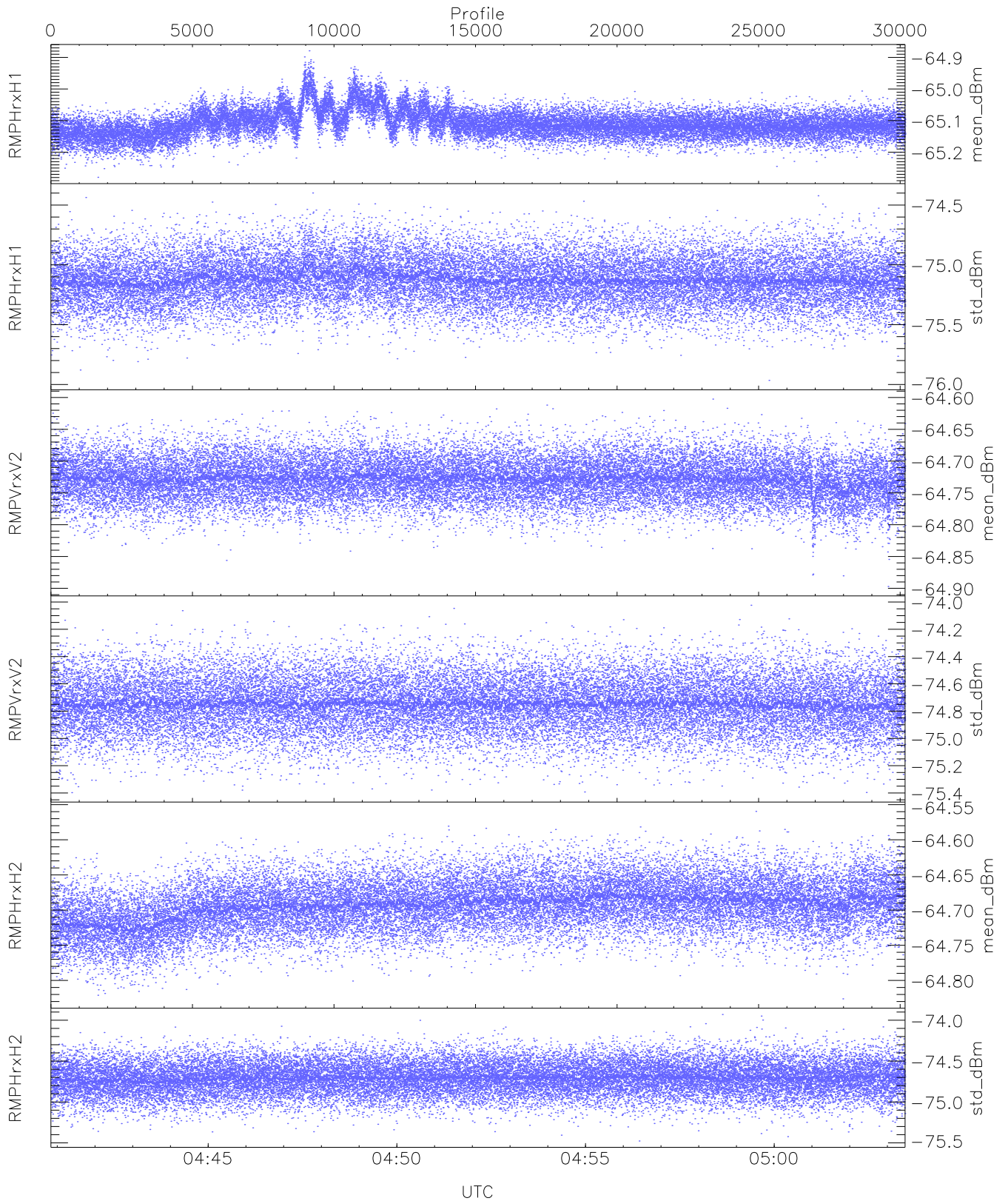
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,22,24,24,25`  
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,24,25,25,26`  
`LOalarm(20,240,2817,14861 MHz): 0,0,68,0`  
`EIK Faults(# prof affected):`  
`DeckT,CollT,BodyCurr,Fault2,DeckF,OverDuty,HVPS,Fault1 (90,90,90,44,90,90,90,44)`



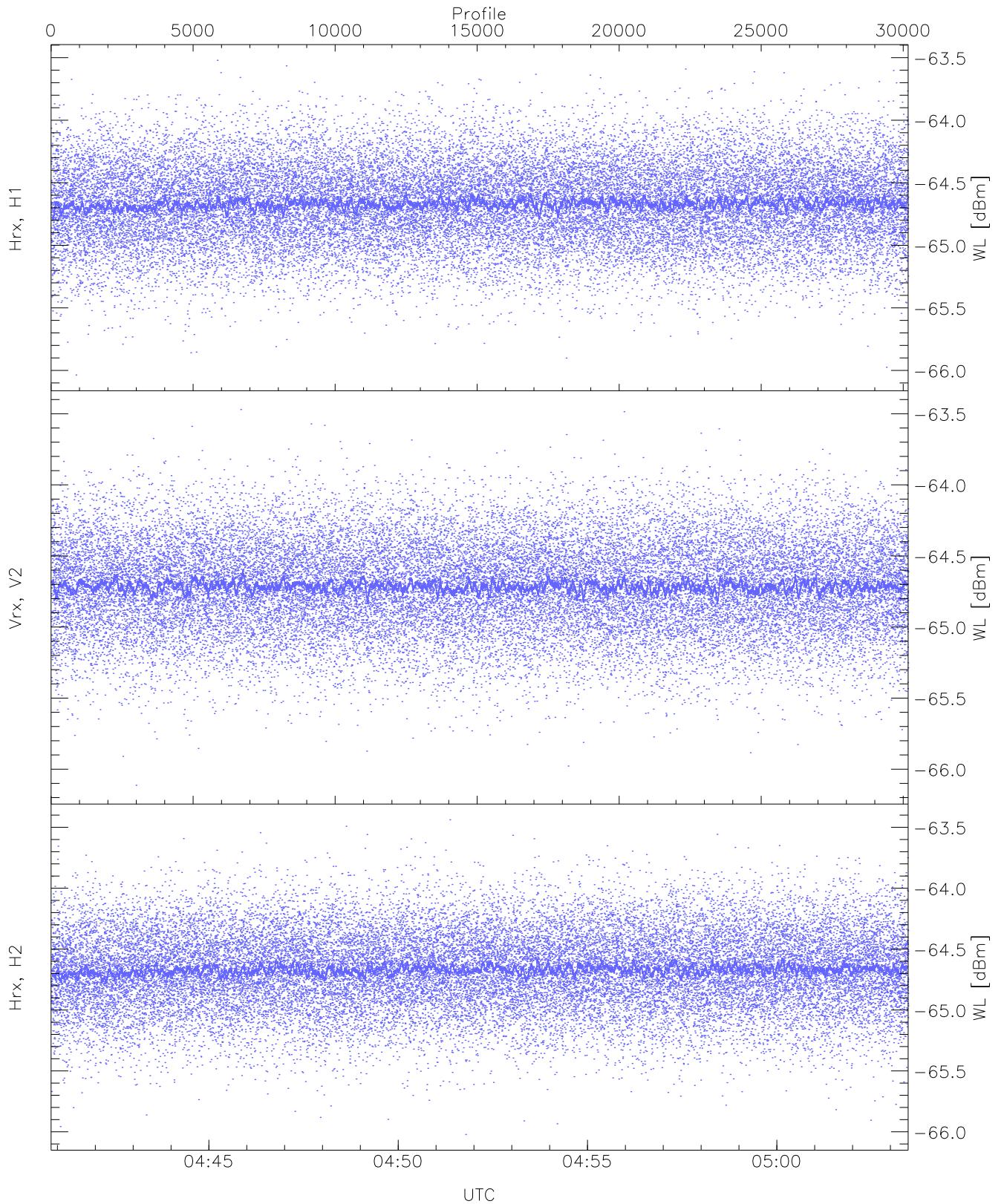
### WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 3 pixs, 2 gates, 3 profs, 1 prod(s)



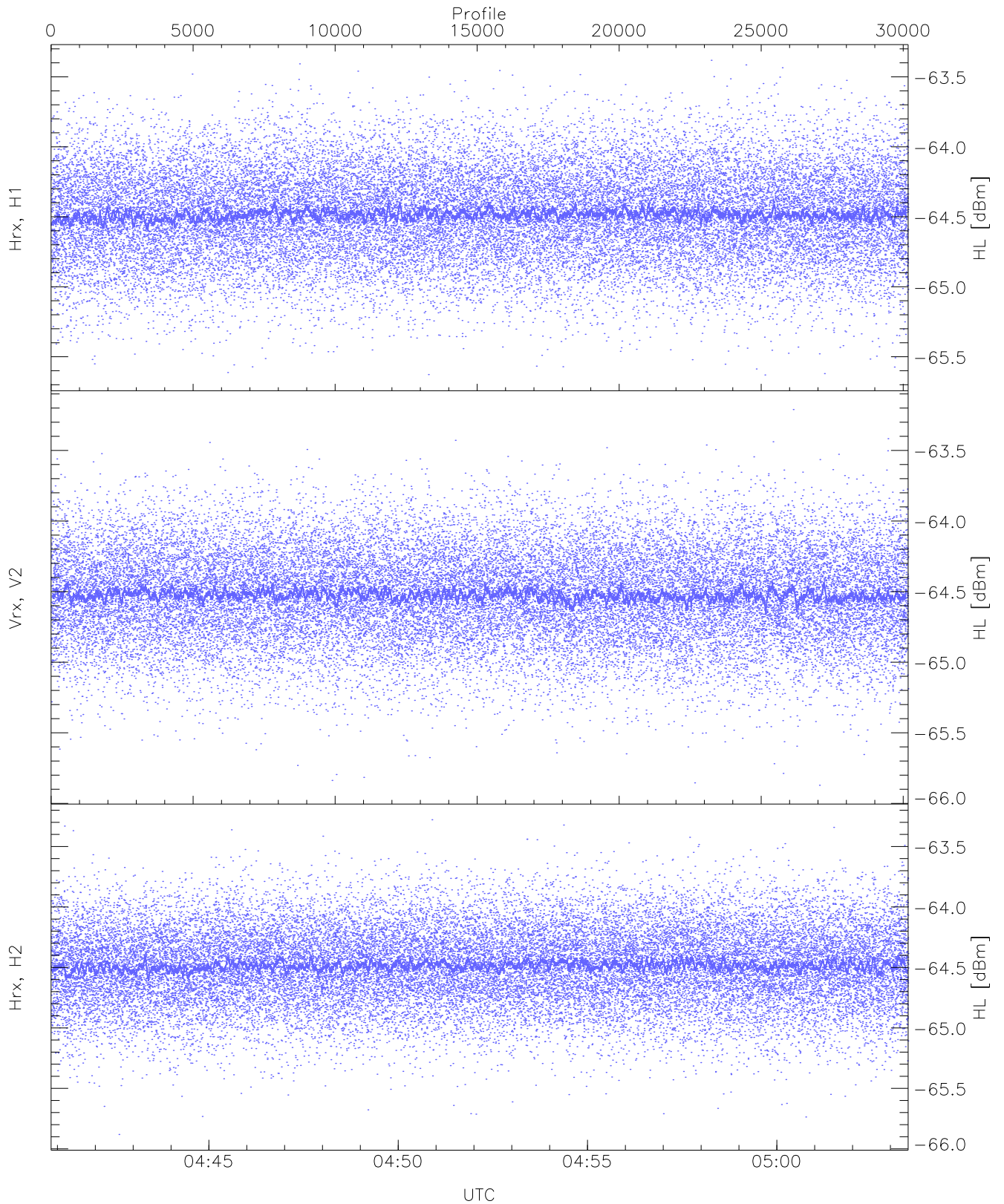
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.28	-64.88	-65.11	-65.11	-85.24
RMPHrxH1 (std_dBm)	-75.97	-74.40	-75.12	-75.13	-88.86
RMPVrxV2 (mean_dBm)	-64.90	-64.60	-64.73	-64.73	-86.24
RMPVrxV2 (std_dBm)	-75.40	-74.02	-74.75	-74.75	-88.53
RMPHrxH2 (mean_dBm)	-64.83	-64.56	-64.69	-64.69	-85.88
RMPHrxH2 (std_dBm)	-75.48	-73.93	-74.71	-74.71	-88.51



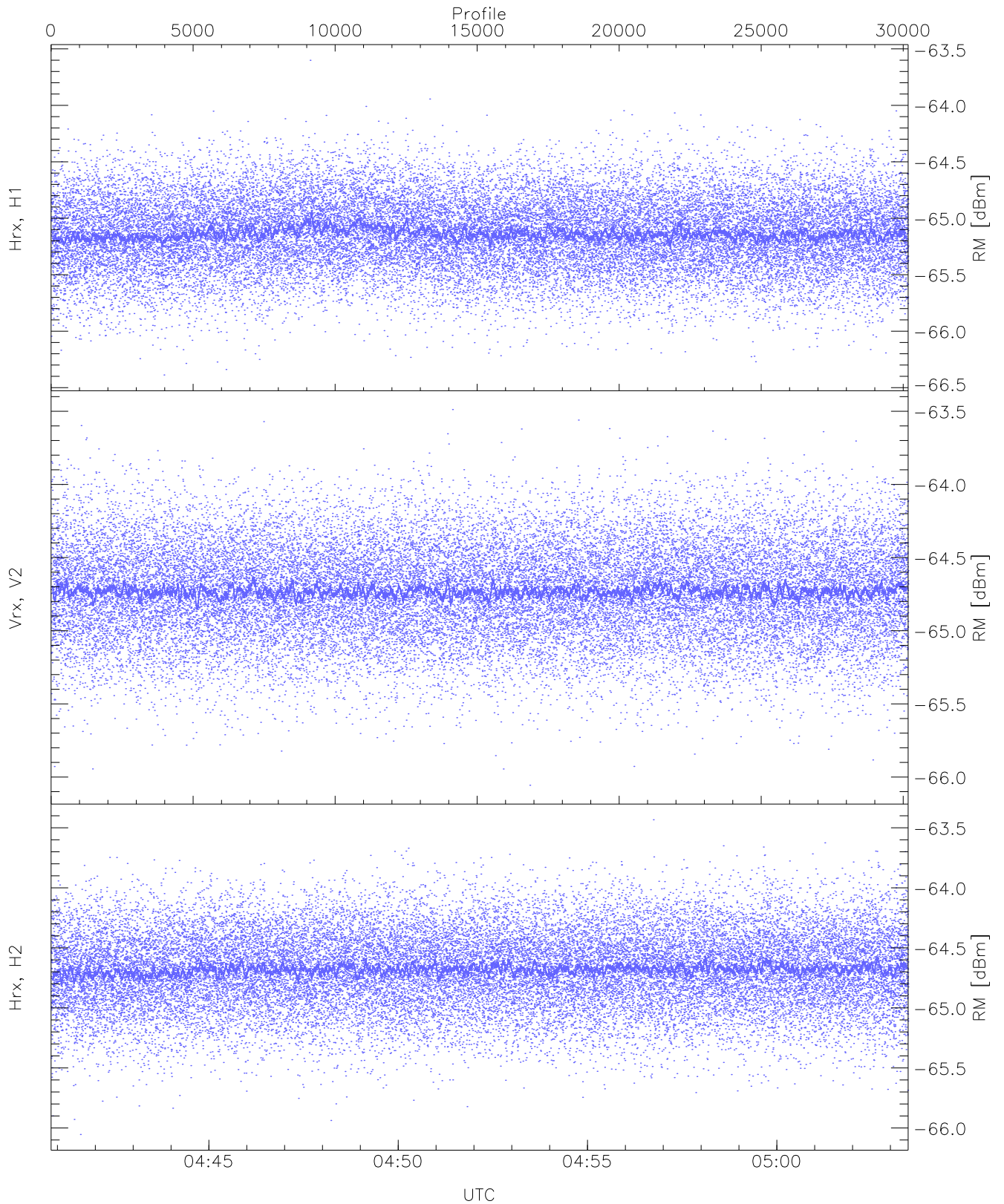
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.04	-63.52	-64.66	-64.67	-76.13
Vrx, V2 (WL [dBm])	-66.11	-63.47	-64.71	-64.71	-76.22
Hrx, H2 (WL [dBm])	-66.02	-63.44	-64.66	-64.67	-76.15



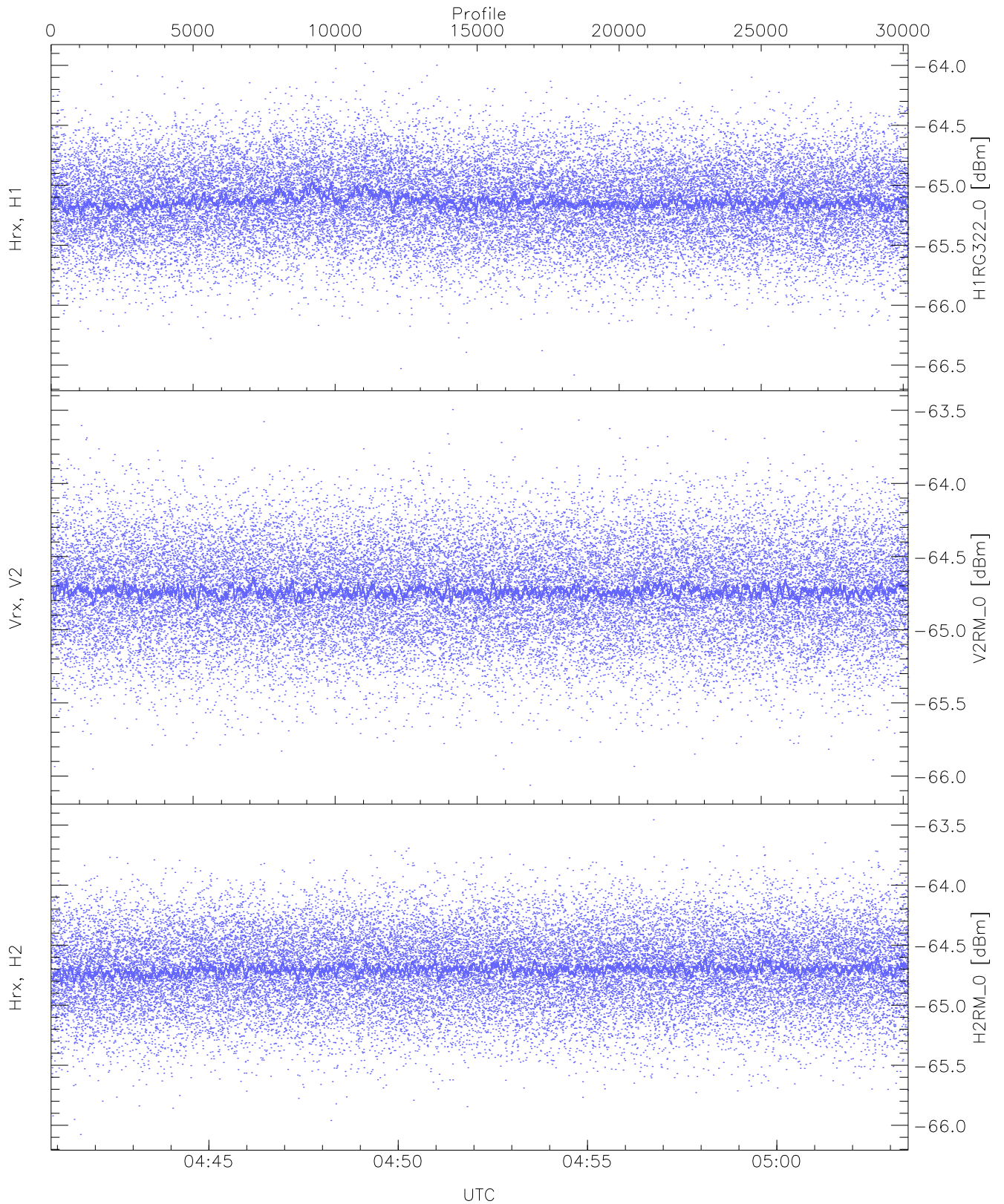
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.63	-63.38	-64.48	-64.48	-76.01
Vrx, V2 (HL [dBm])	-65.87	-63.21	-64.52	-64.52	-76.02
Hrx, H2 (HL [dBm])	-65.88	-63.28	-64.48	-64.49	-76.00



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

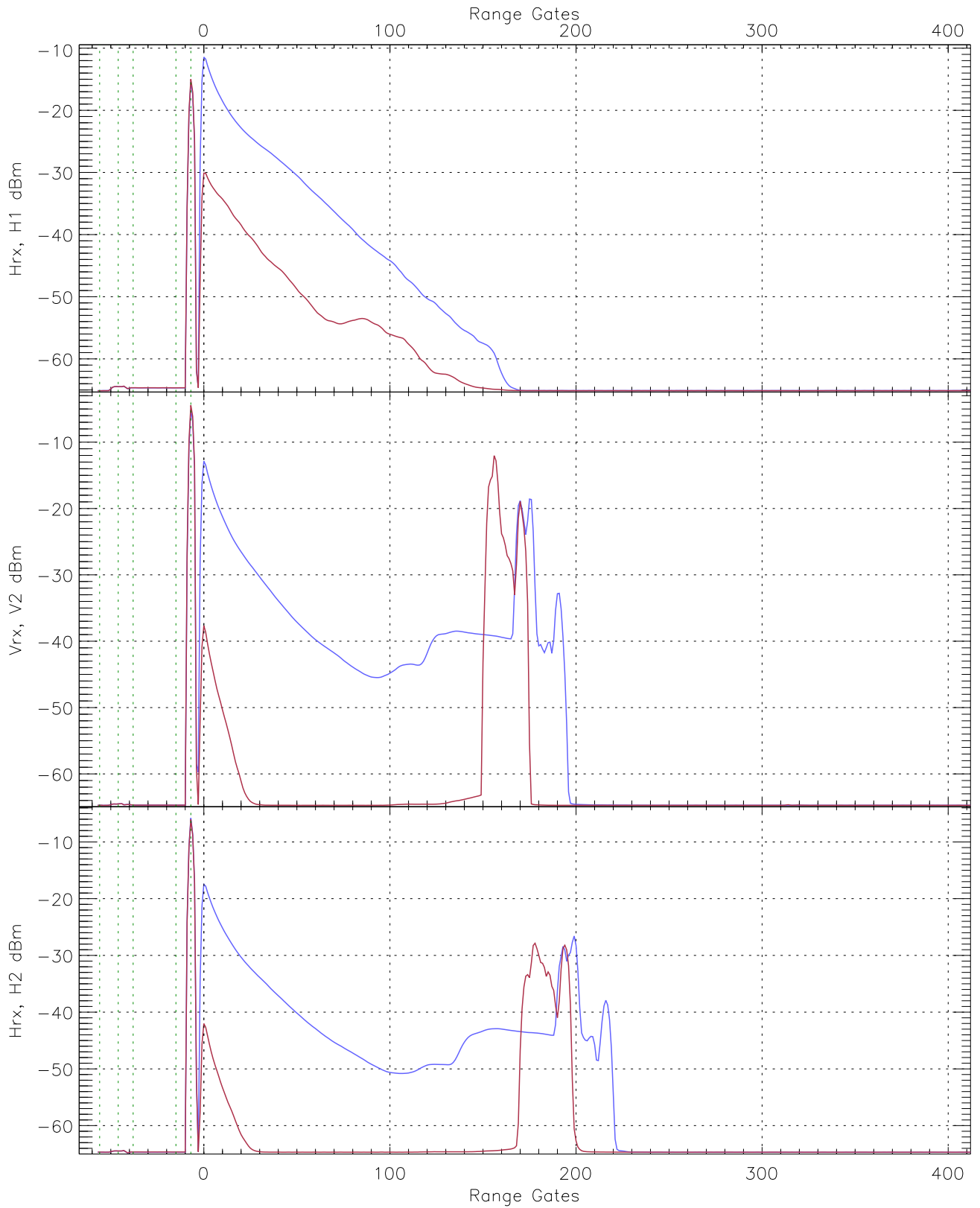
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.39	-63.60	-65.13	-65.14	-76.60
Vrx, V2 (RM [dBm])	-66.06	-63.49	-64.72	-64.73	-76.21
Hrx, H2 (RM [dBm])	-66.05	-63.43	-64.67	-64.68	-76.19



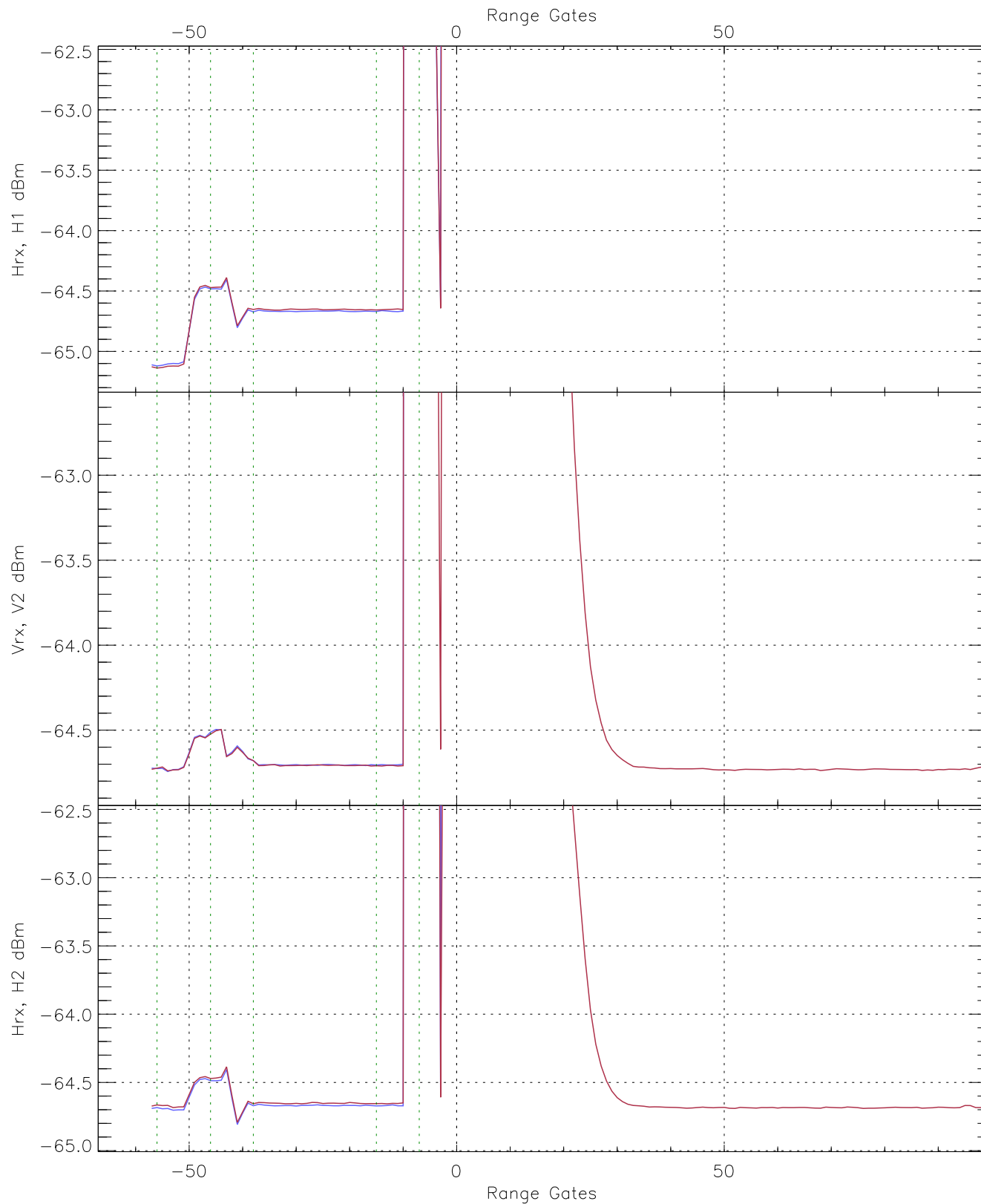
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG322_0 [dBm]	-66.58	-63.96	-65.13	-65.14	-76.61
V2RM_0 [dBm]	-66.06	-63.49	-64.73	-64.74	-76.22
H2RM_0 [dBm]	-66.08	-63.46	-64.70	-64.70	-76.22

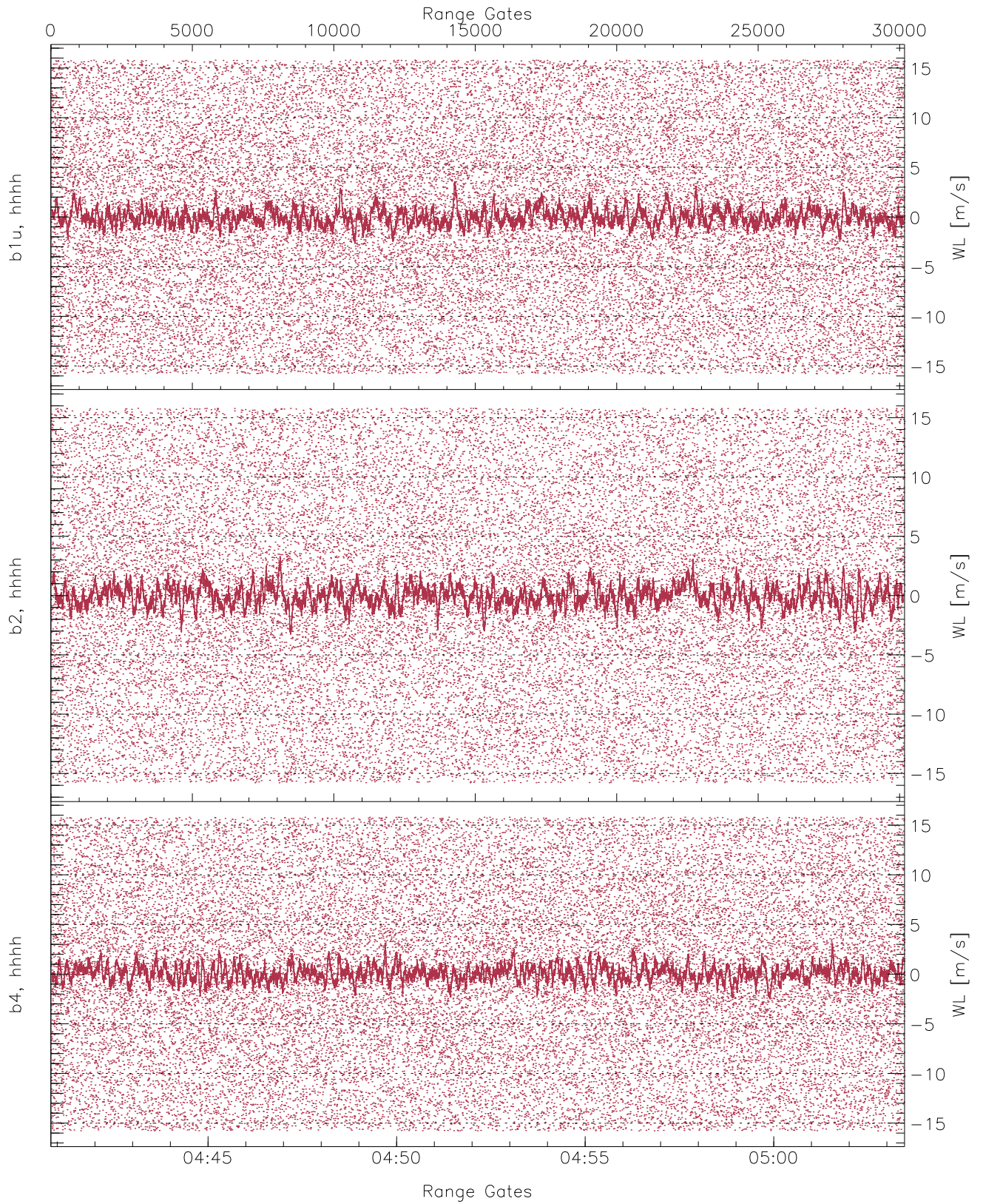




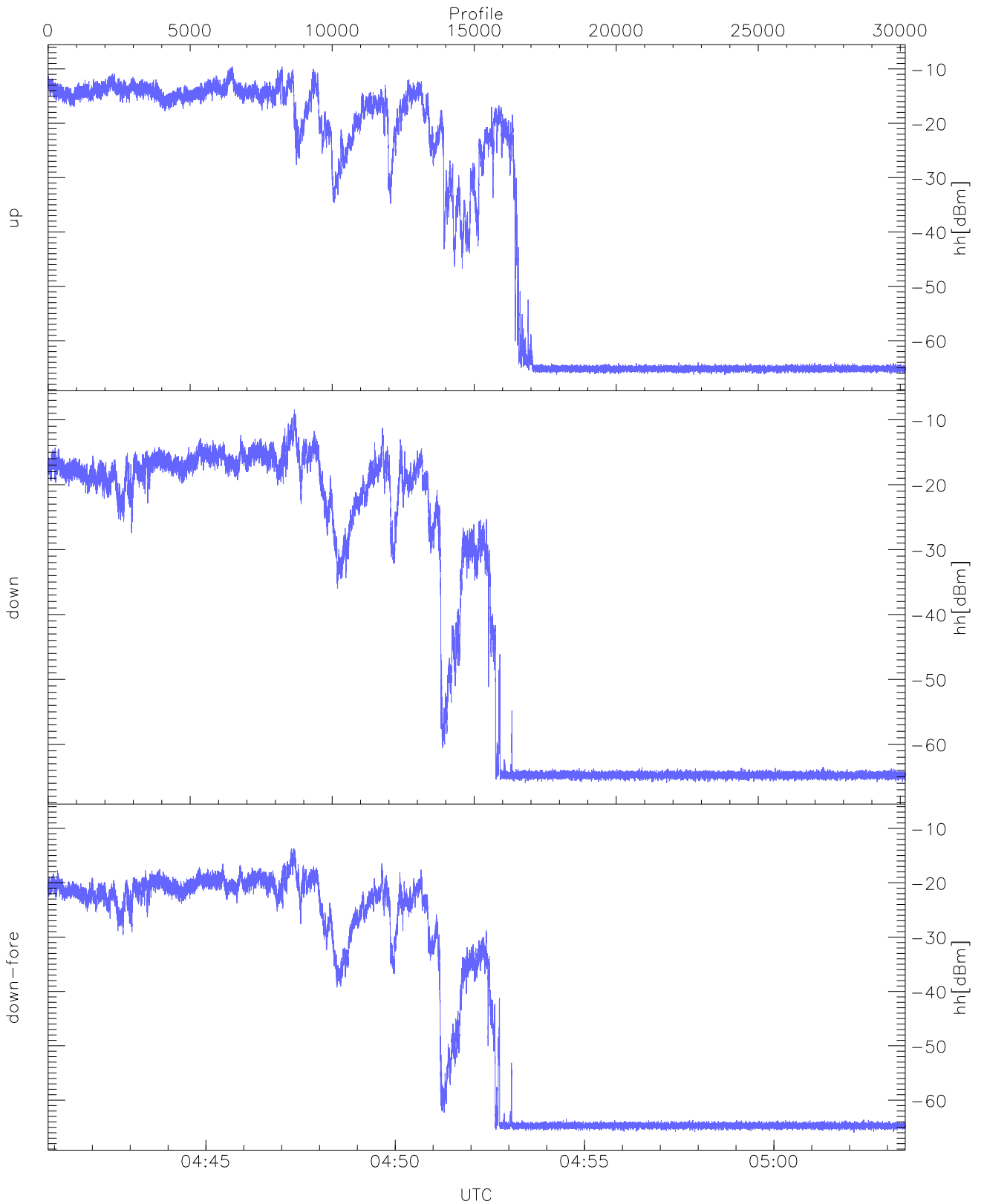
WCR3 CPP Averaged Received power for all recorded gates  
blue: 044050-045209, 15089 profiles averaged  
red: 045209-050328, 15088 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 044050-045209, 15089 profiles averaged  
red: 045209-050328, 15088 profiles averaged

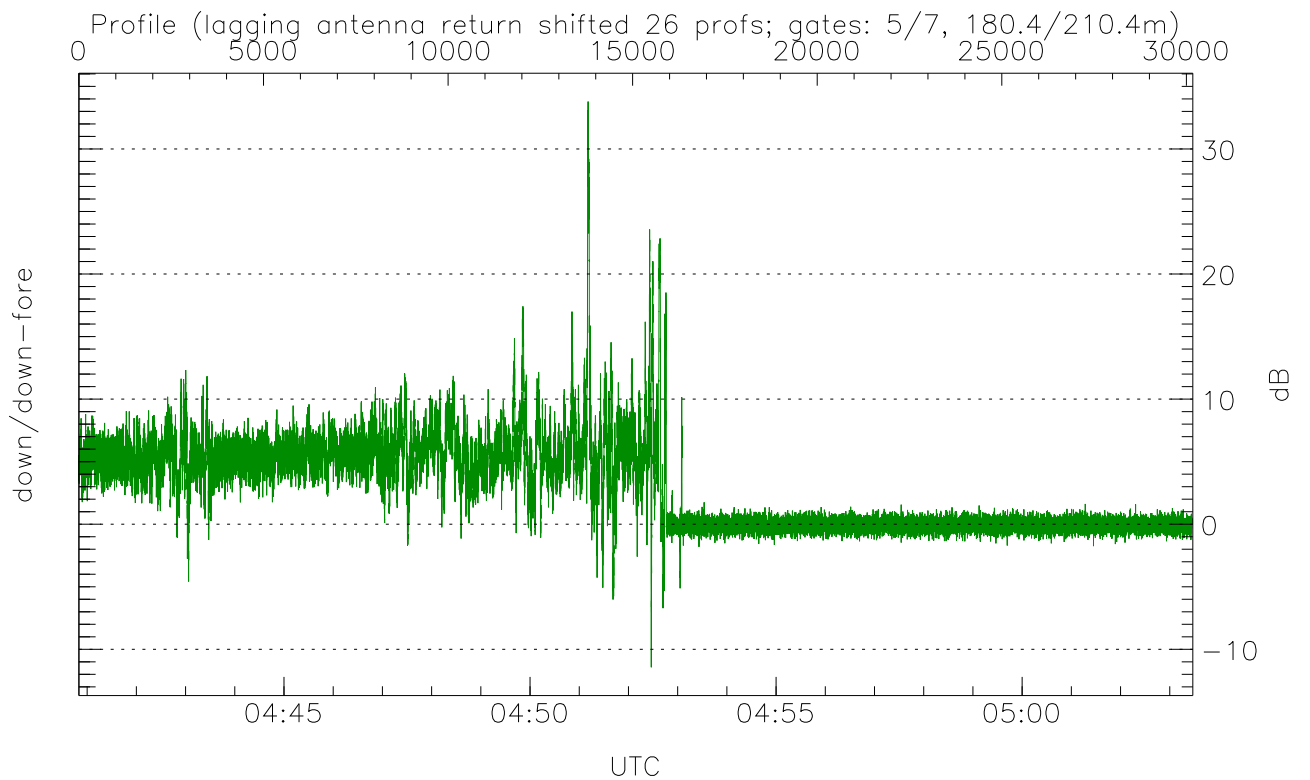
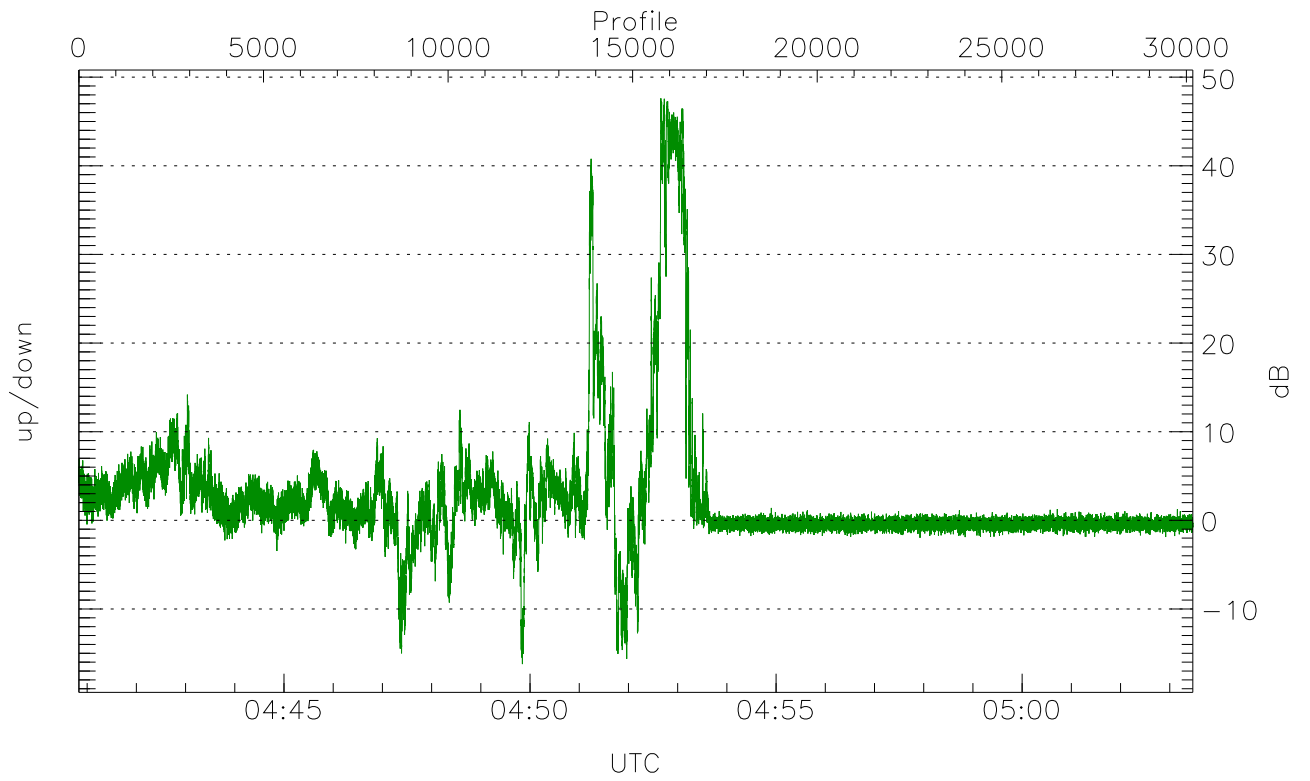


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



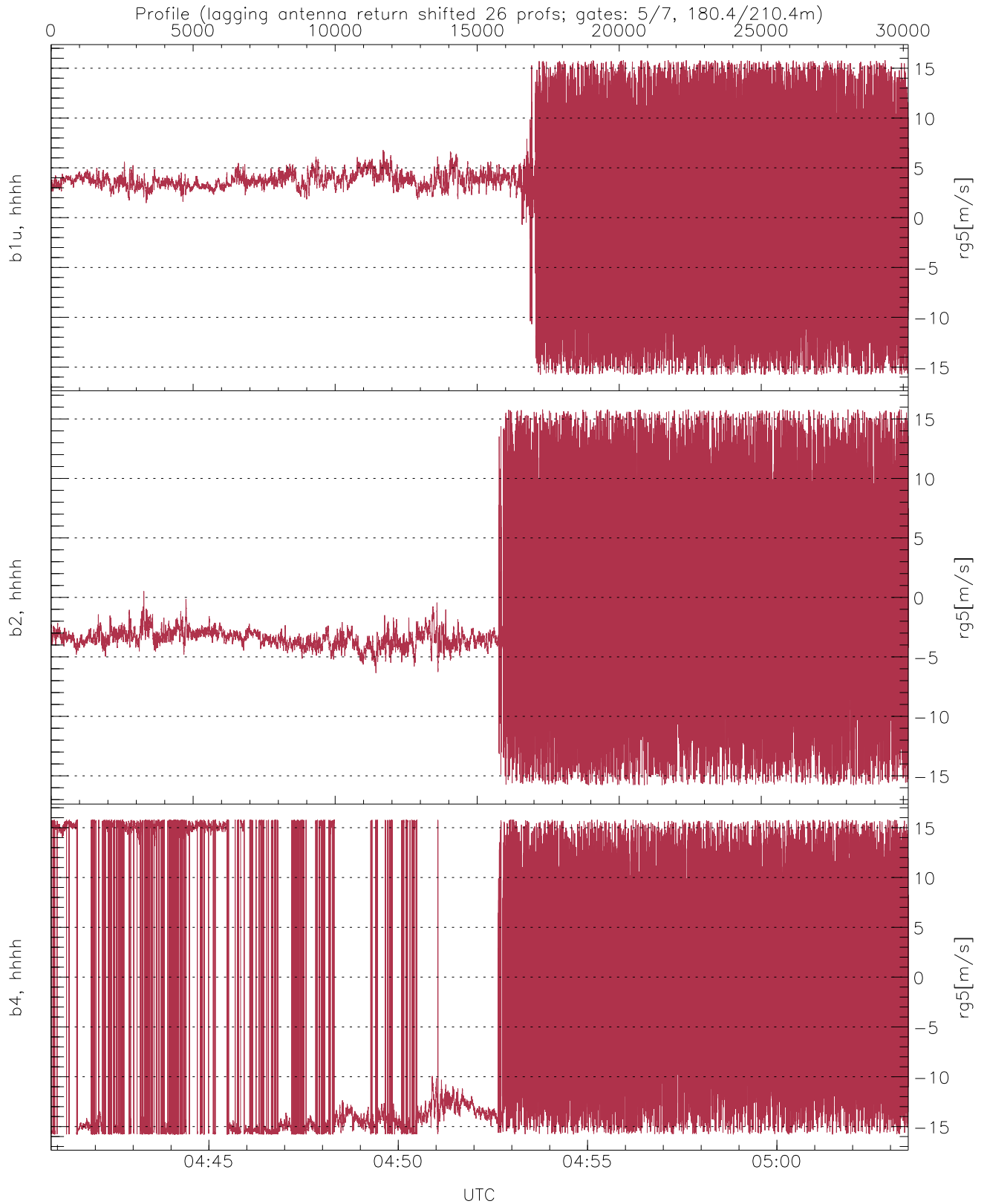
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.31	-9.49	-18.27
down(hh[dBm])	-65.96	-8.42	-20.54
down-fore(hh[dBm])	-65.97	-13.68	-24.62



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

	Min	Max	Mean
up/down (dB)	-16.22	47.61	2.39
down/down-fore (dB)	-11.44	33.79	2.99



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	2.14	6.15
b2, hhhh(rg5[m/s])	-15.79	15.79	-1.81	6.11
b4, hhhh(rg5[m/s])	-15.79	15.79	-2.86	11.93