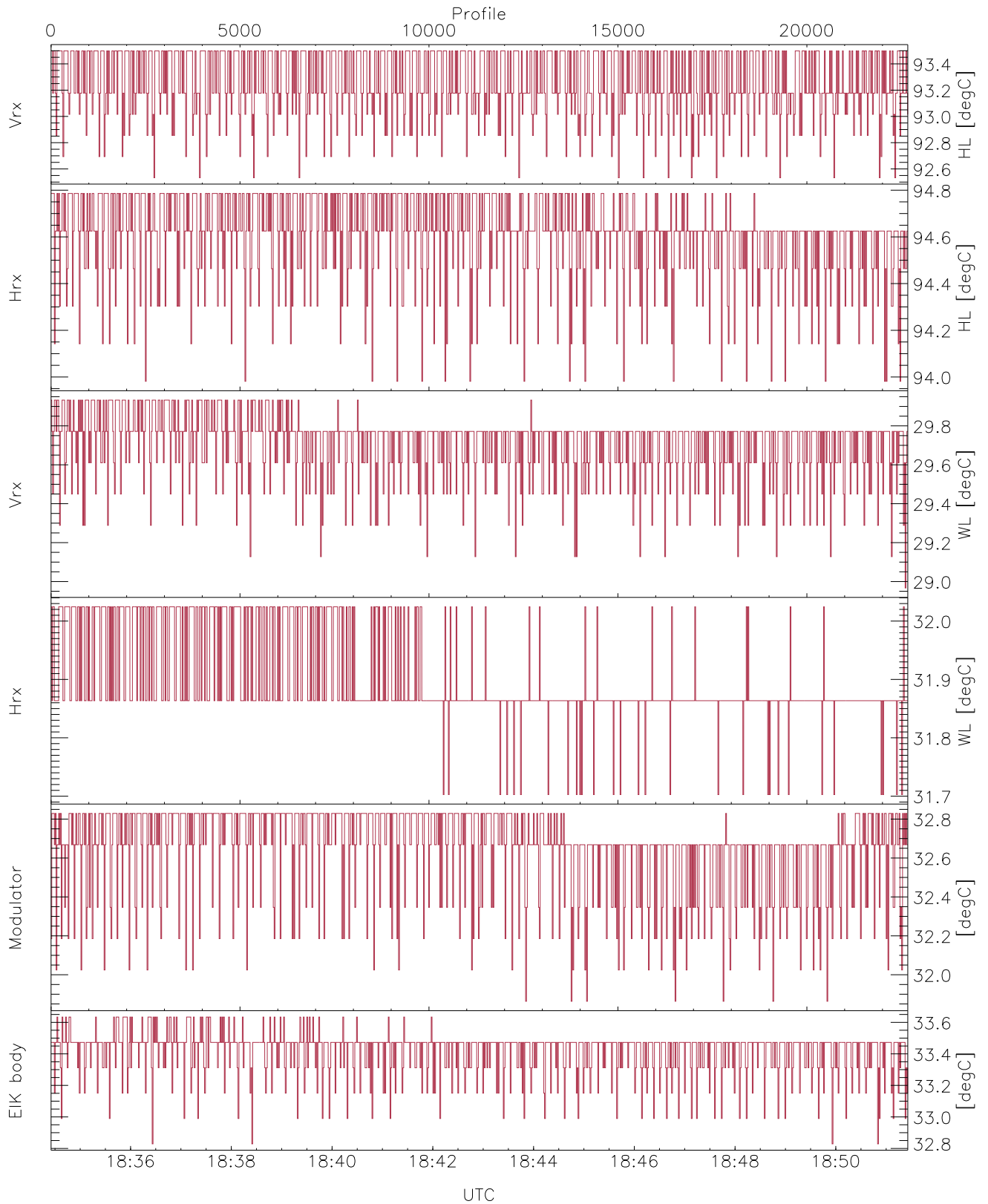


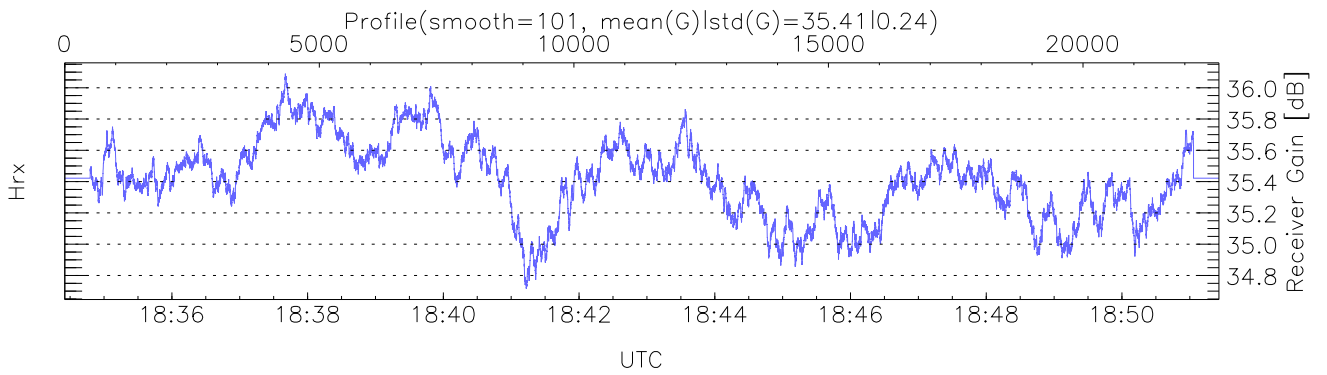
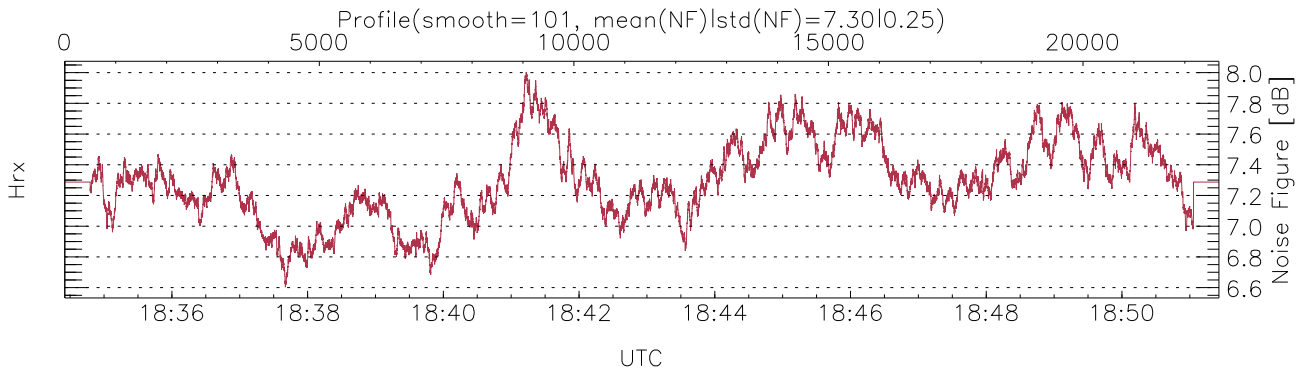
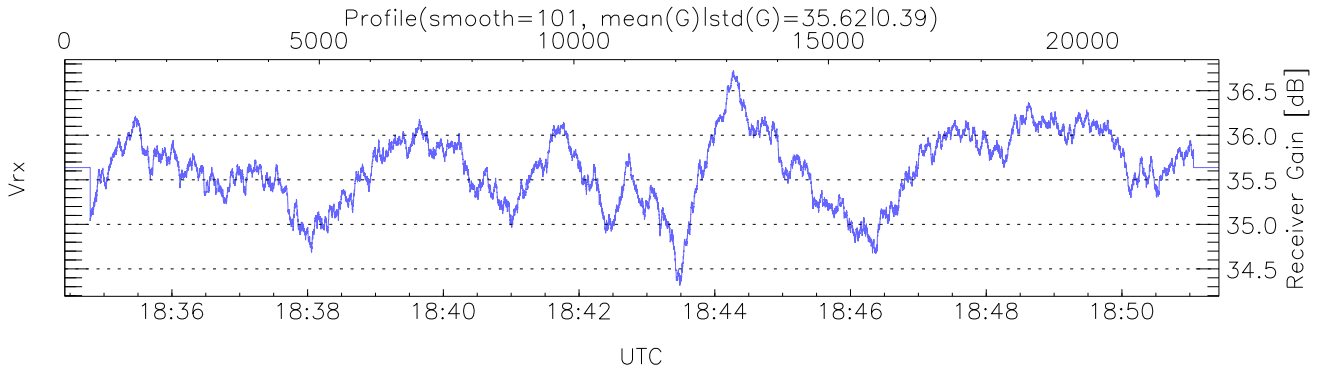
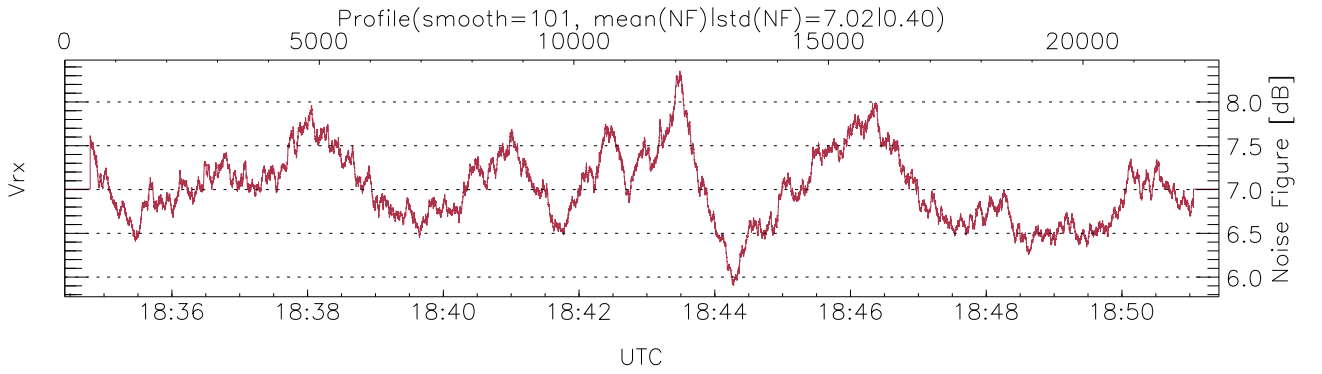
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 18:34:25-18:51:26, TimeCor: 0.00s, Dur: 1020.45s  
 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): 22672/22672, 0-22671/18:34:25-18:51:26  
 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



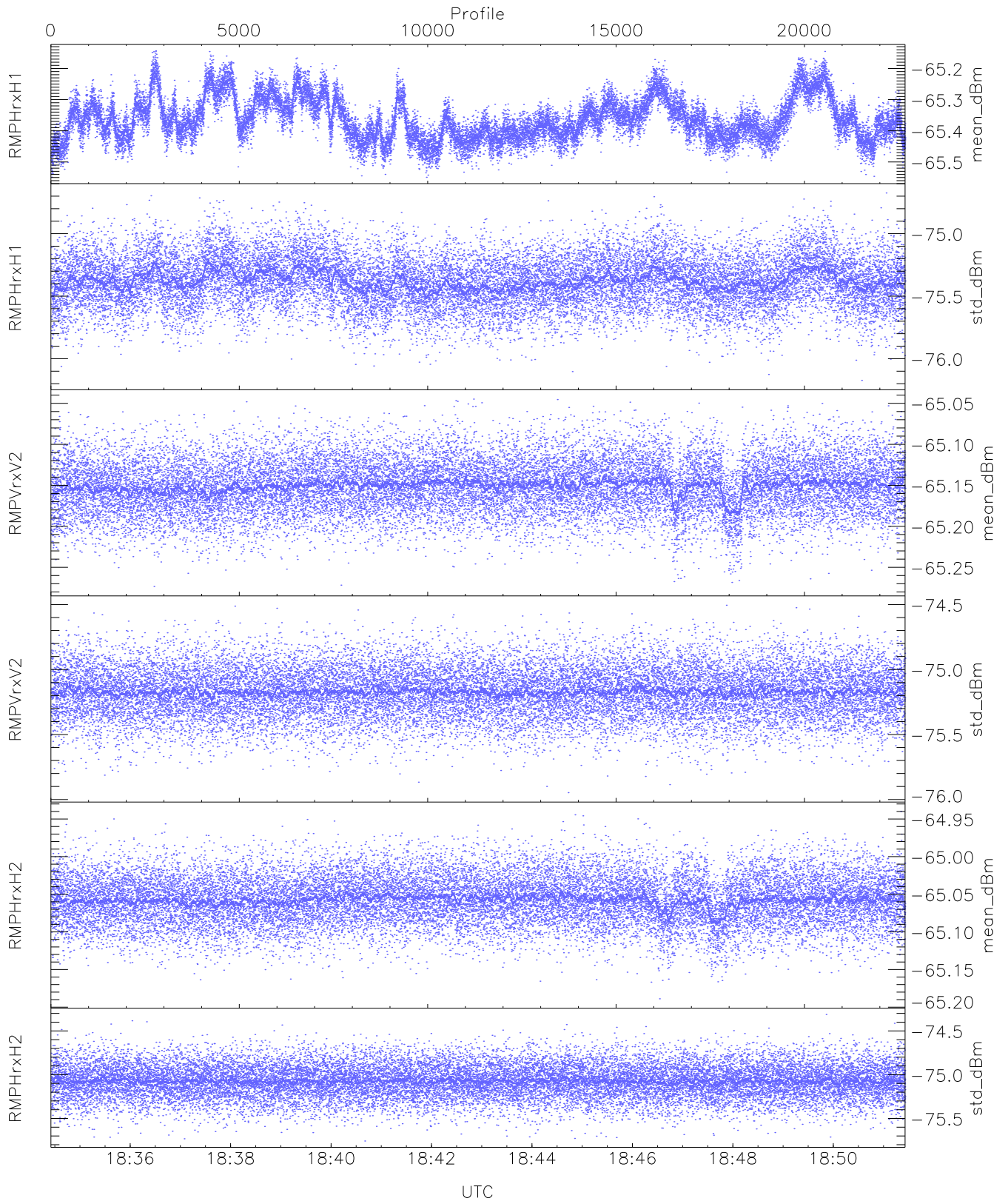
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,28,31,31,32`  
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,29,32,32,33`  
`LOalarm(20,240,2817,14861 MHz): 0,0,22,0`  
`EIK Faults(# prof affected):`  
`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (22,22,66,66,44,66)`



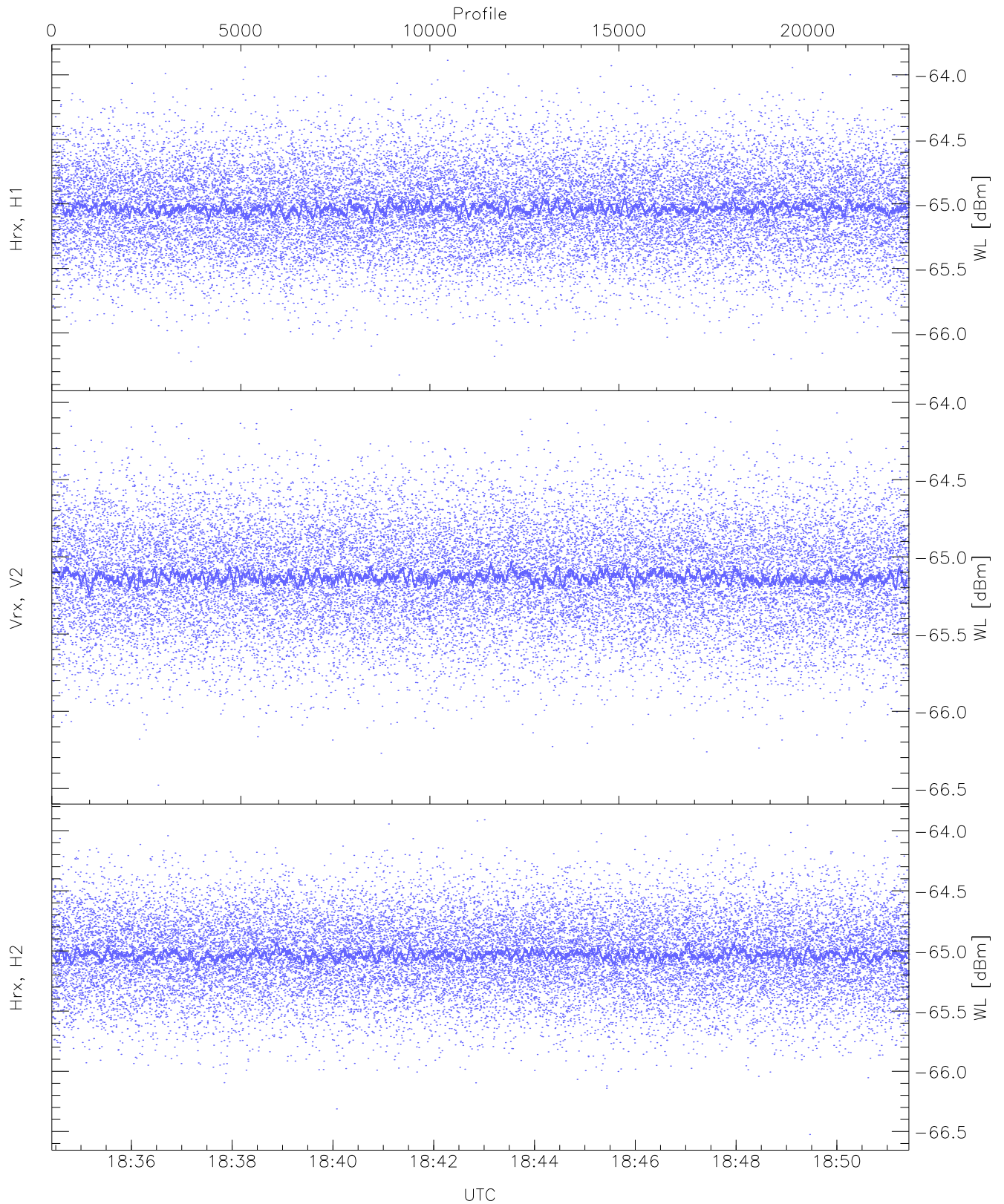
### WCR3 CPP Receivers Gain and Noise Figure

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



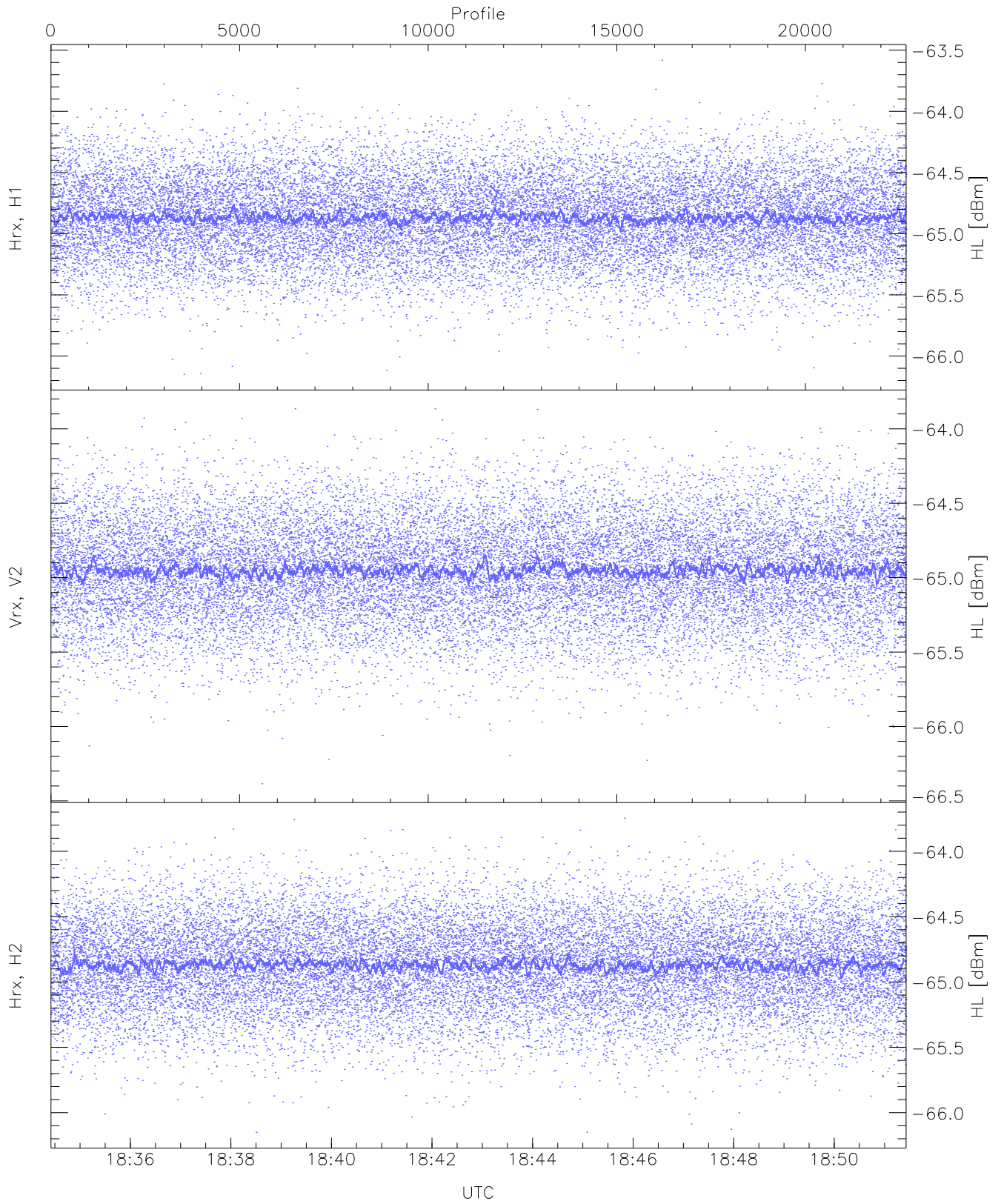
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.55	-65.14	-65.36	-65.37	-83.42
RMPHrxH1 (std_dBm)	-76.17	-74.67	-75.38	-75.38	-88.94
RMPVrxV2 (mean_dBm)	-65.27	-65.04	-65.15	-65.15	-86.63
RMPVrxV2 (std_dBm)	-75.95	-74.51	-75.17	-75.17	-88.94
RMPHrxH2 (mean_dBm)	-65.19	-64.94	-65.06	-65.06	-86.61
RMPHrxH2 (std_dBm)	-75.76	-74.31	-75.07	-75.08	-88.87



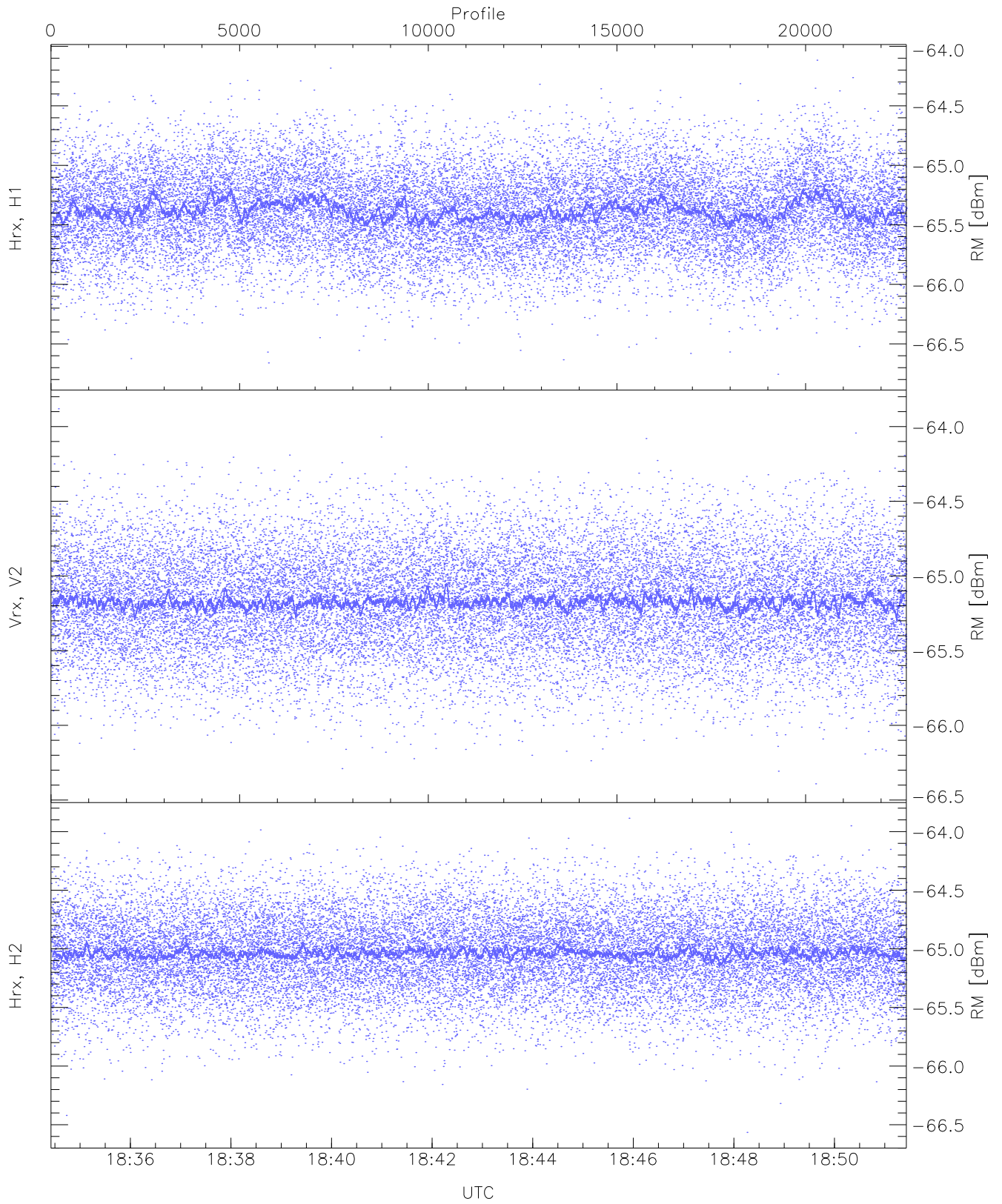
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.33	-63.89	-65.03	-65.03	-76.52
Vrx, V2 (WL [dBm])	-66.48	-64.05	-65.12	-65.13	-76.61
Hrx, H2 (WL [dBm])	-66.53	-63.91	-65.03	-65.03	-76.56



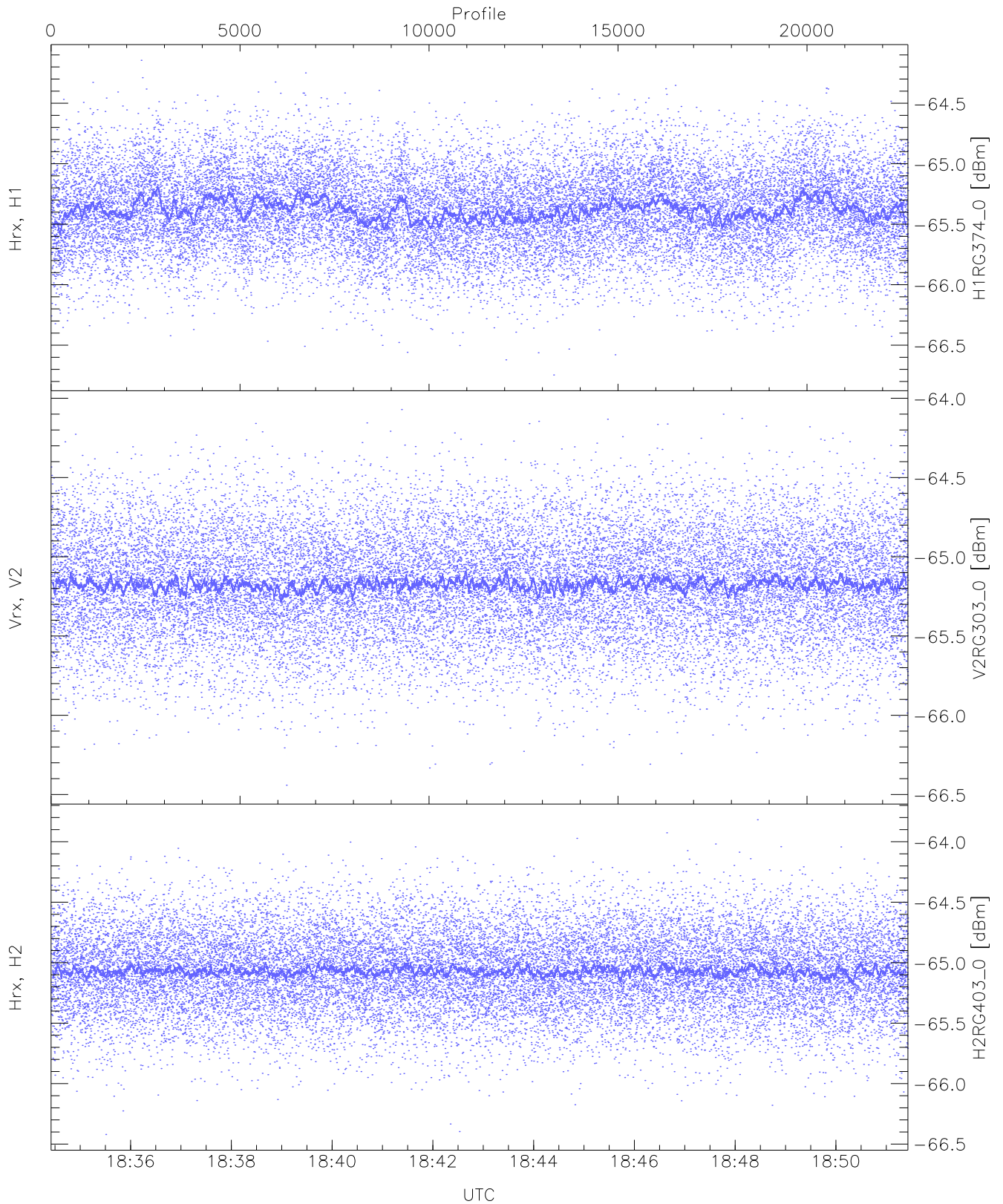
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.15	-63.58	-64.86	-64.87	-76.31
Vrx, V2 (HL [dBm])	-66.39	-63.87	-64.95	-64.95	-76.44
Hrx, H2 (HL [dBm])	-66.15	-63.75	-64.86	-64.87	-76.37



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

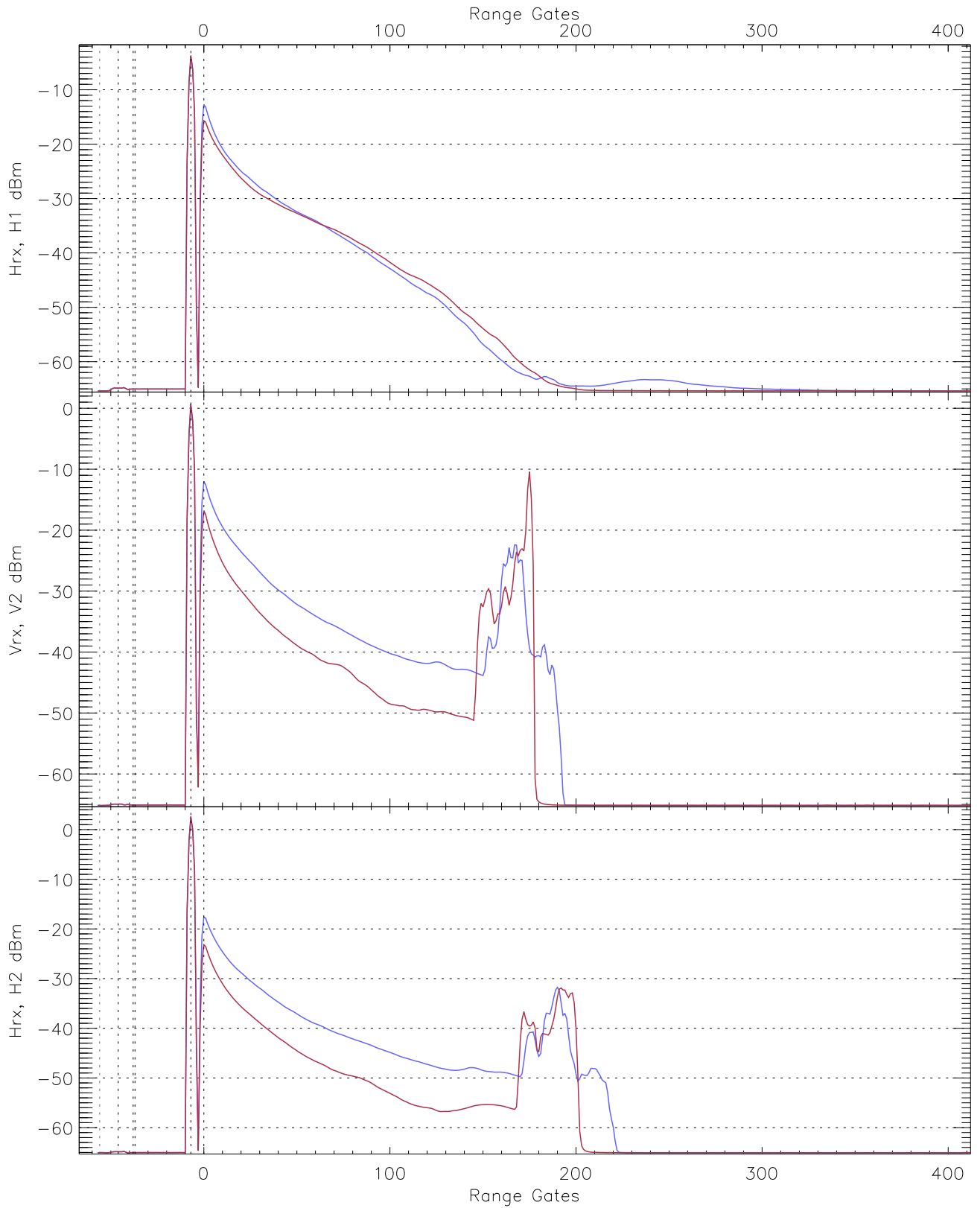
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.76	-64.12	-65.37	-65.38	-76.77
Vrx, V2 (RM [dBm])	-66.39	-63.88	-65.17	-65.17	-76.67
Hrx, H2 (RM [dBm])	-66.57	-63.89	-65.03	-65.04	-76.54



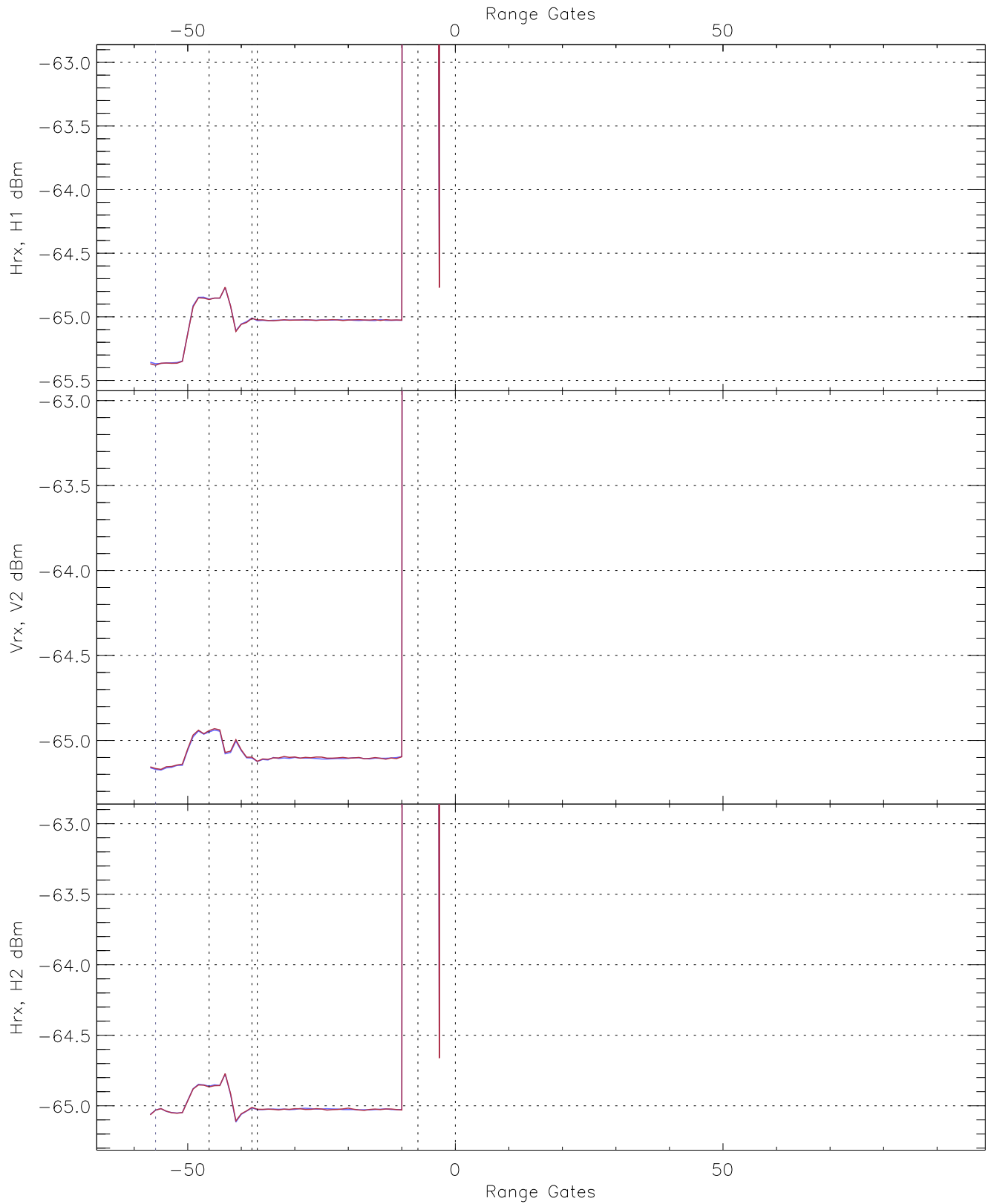
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG374_0 [dBm]	-66.75	-64.15	-65.37	-65.38	-76.78
V2RG303_0 [dBm]	-66.44	-64.07	-65.17	-65.17	-76.67
H2RG403_0 [dBm]	-66.42	-63.82	-65.06	-65.07	-76.56

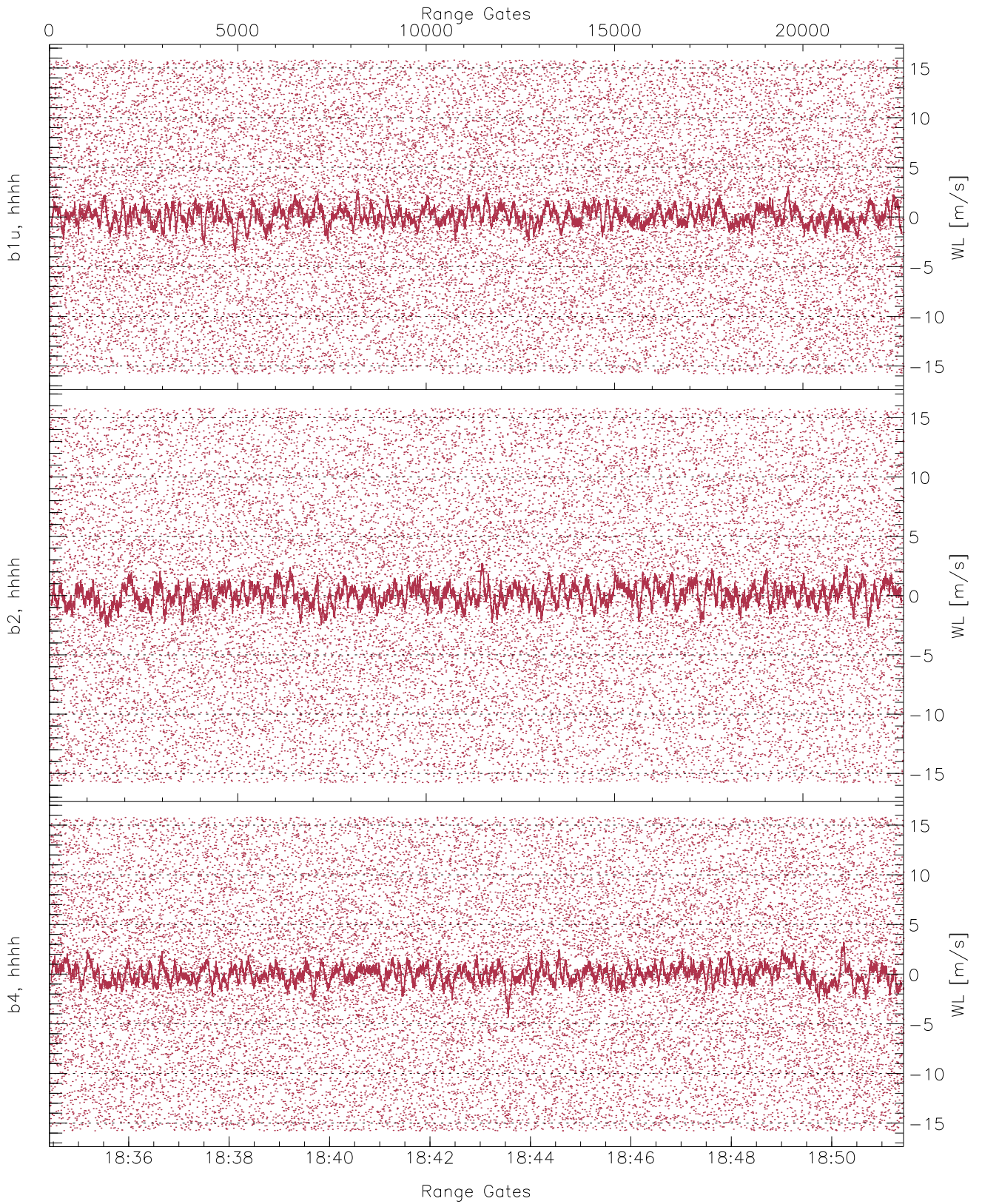




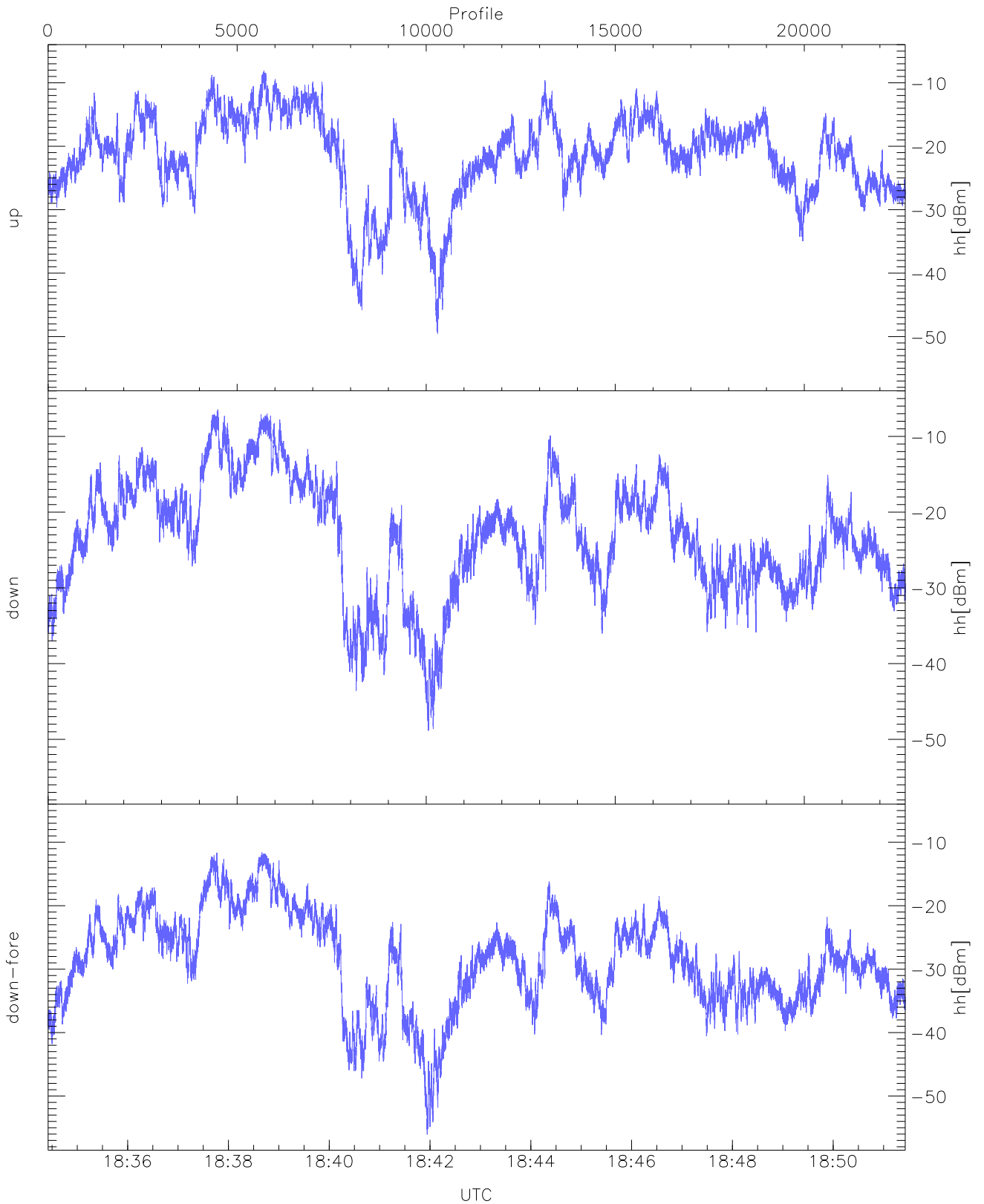
WCR3 CPP Averaged Received power for all recorded gates  
blue: 183425-184256, 11337 profiles averaged  
red: 184256-185126, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 183425-184256, 11337 profiles averaged  
red: 184256-185126, 11336 profiles averaged

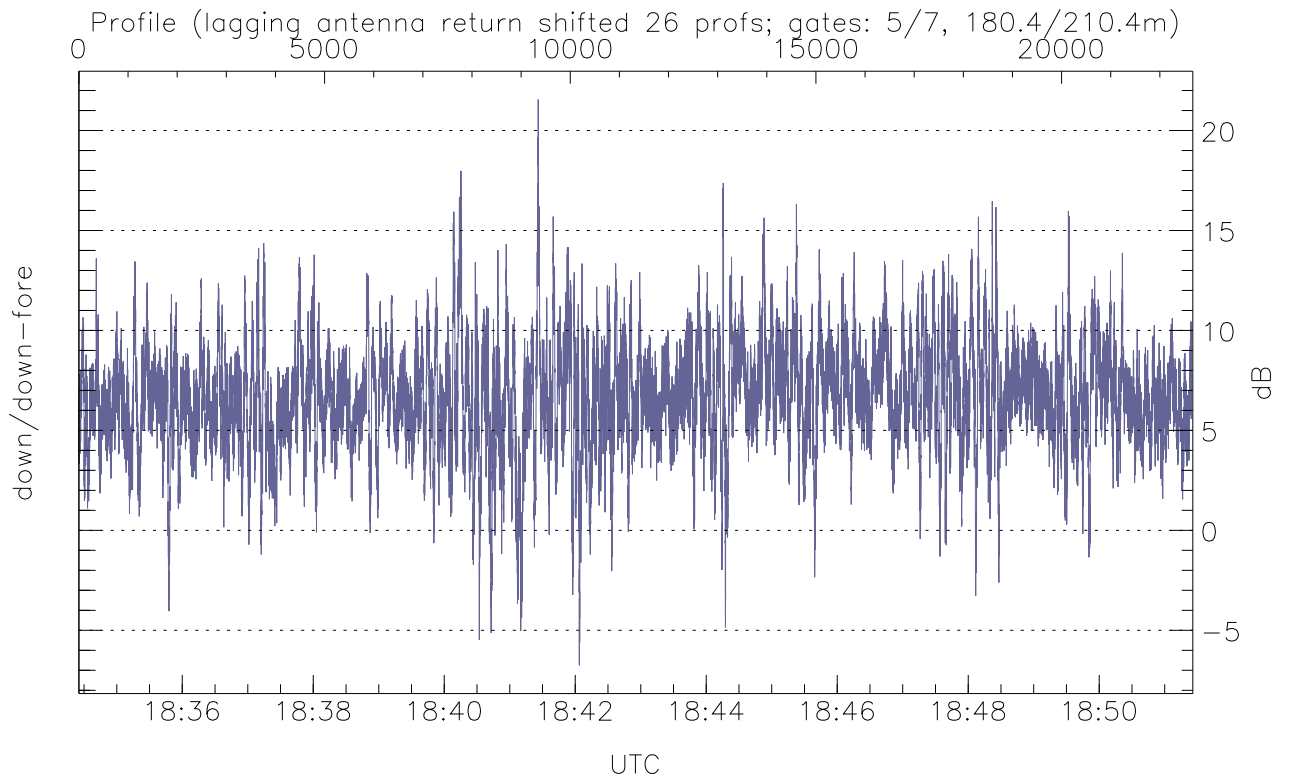
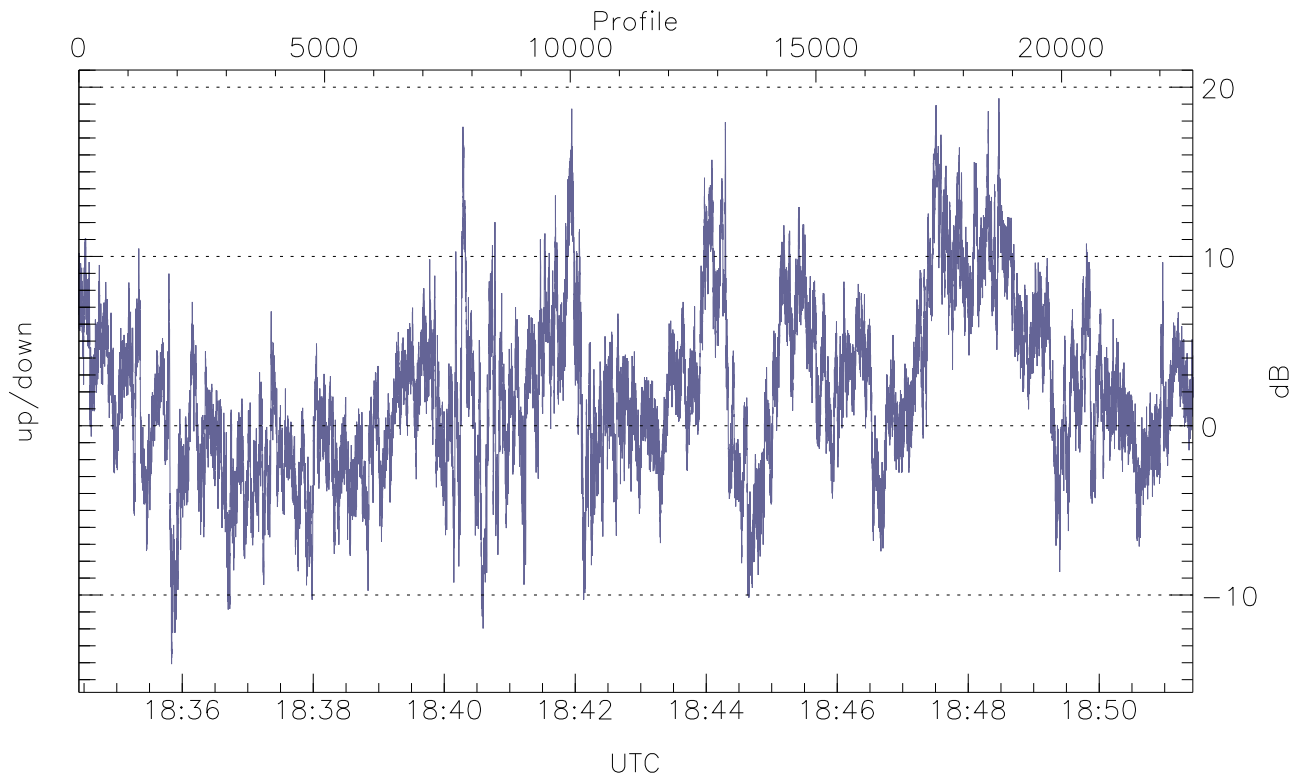


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



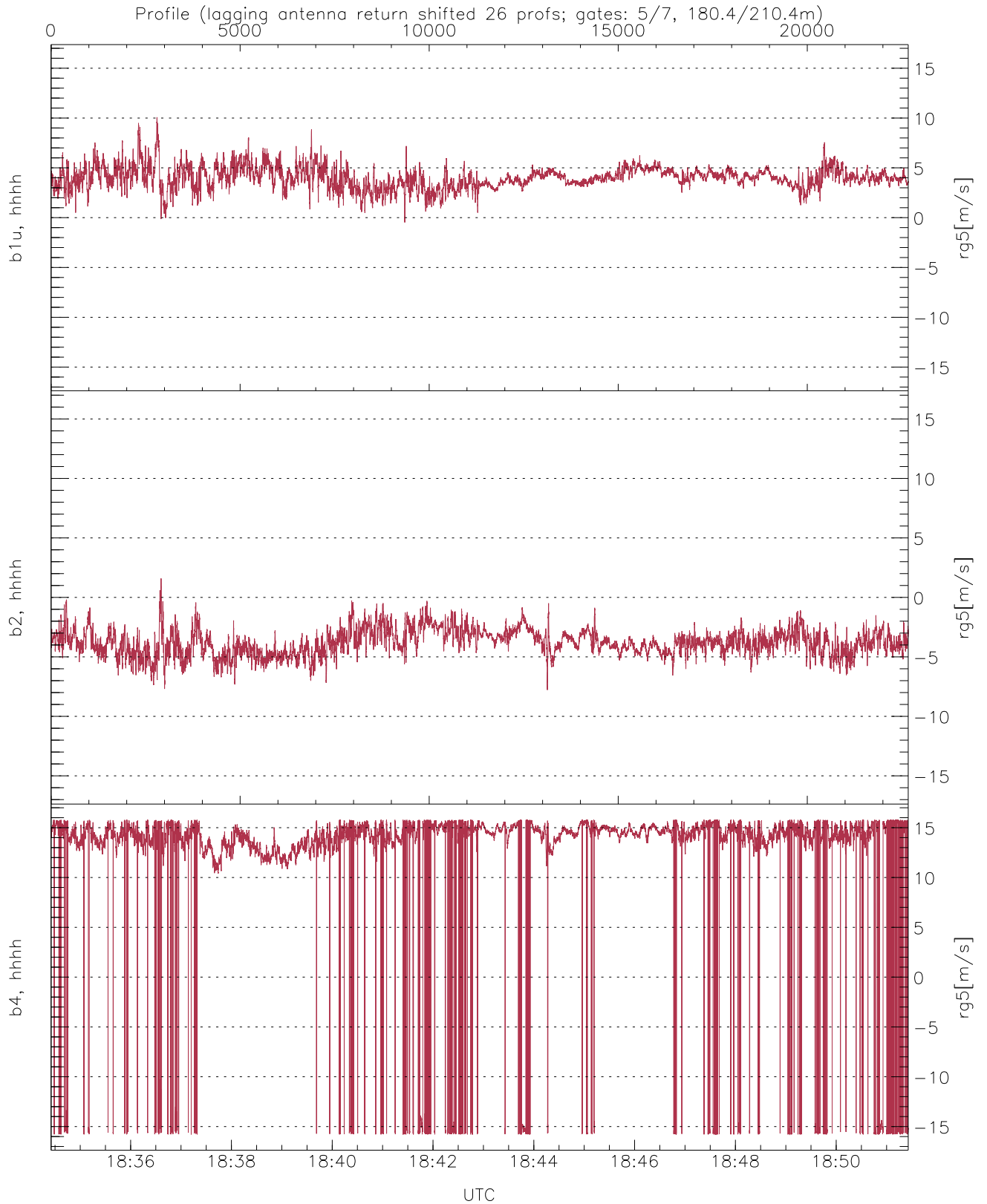
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-49.52	-8.11	-18.22
down(hh[dBm])	-48.85	-6.45	-18.21
down-fore(hh[dBm])	-56.06	-11.61	-23.50



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

	Min	Max	Mean
up/down (dB)	-14.08	19.34	1.89
down/down-fore (dB)	-6.75	21.55	6.67



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-0.48	10.04	4.00	1.08
b2, hhhh(rg5[m/s])	-7.78	1.60	-3.79	1.08
b4, hhhh(rg5[m/s])	-15.79	15.79	11.57	8.60