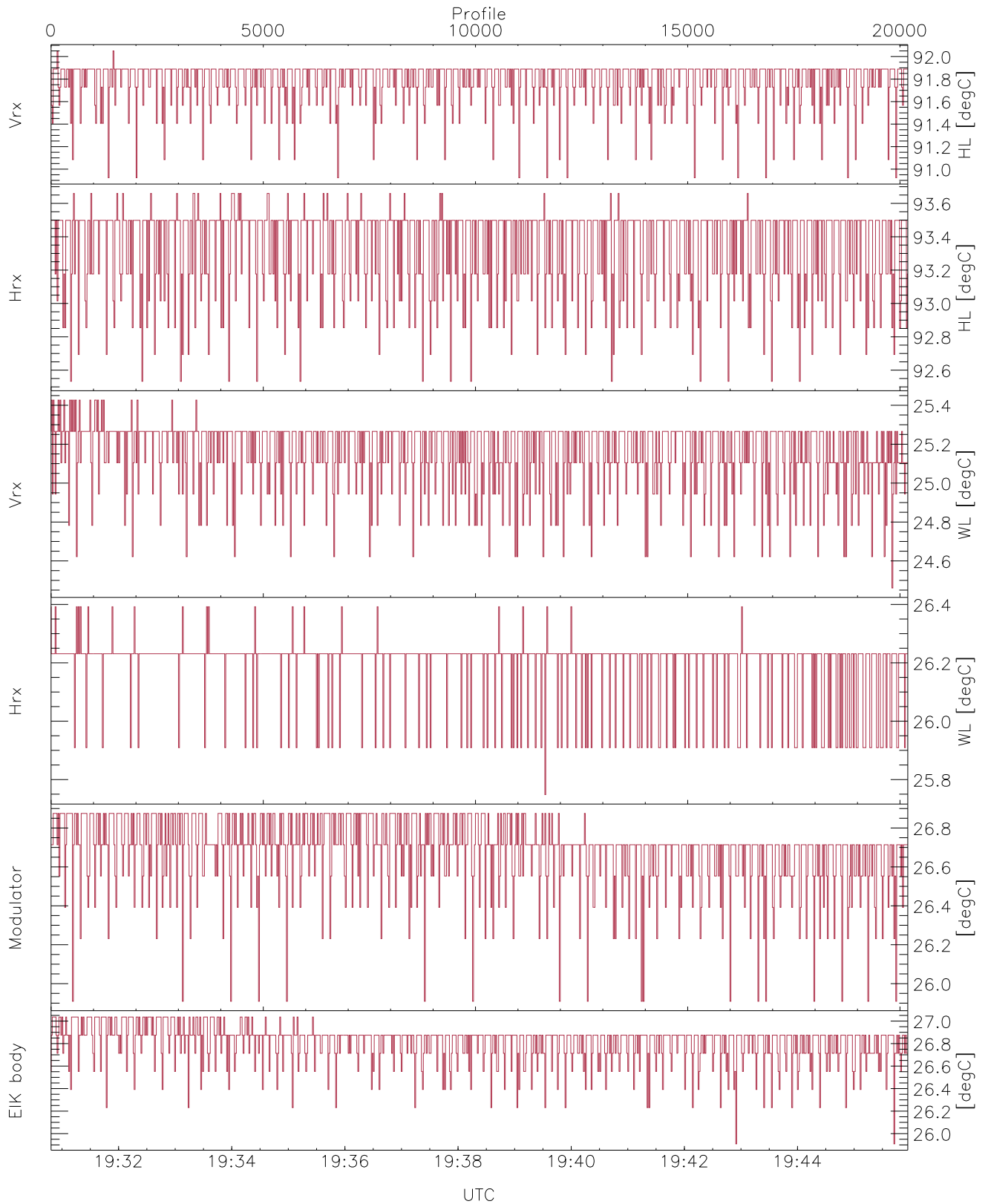


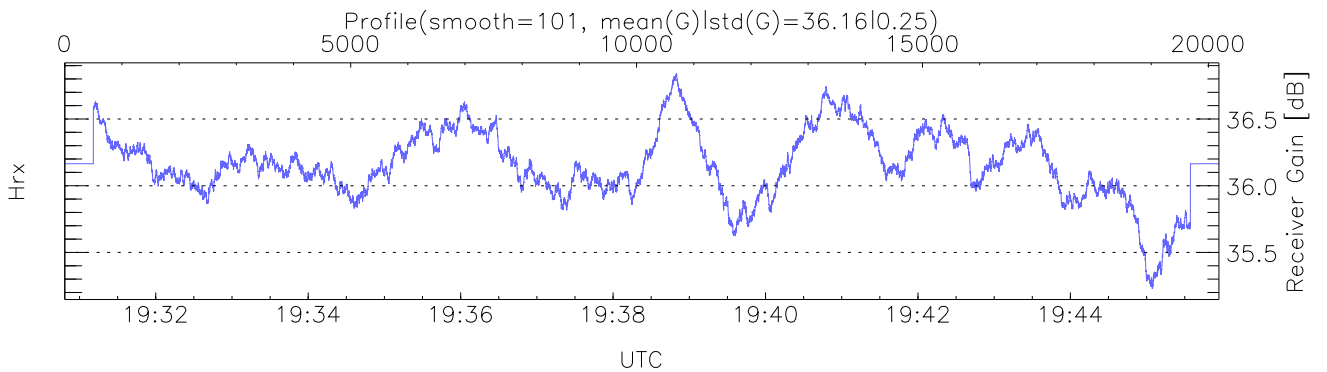
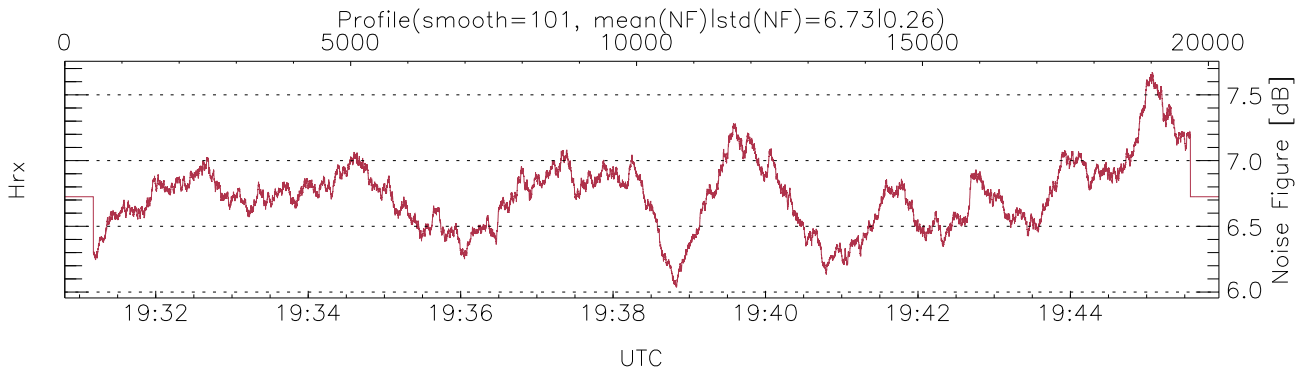
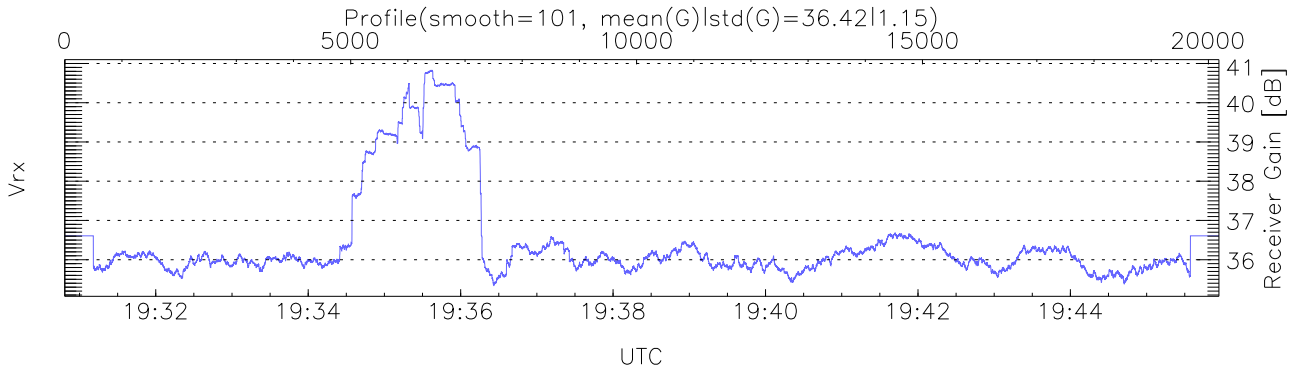
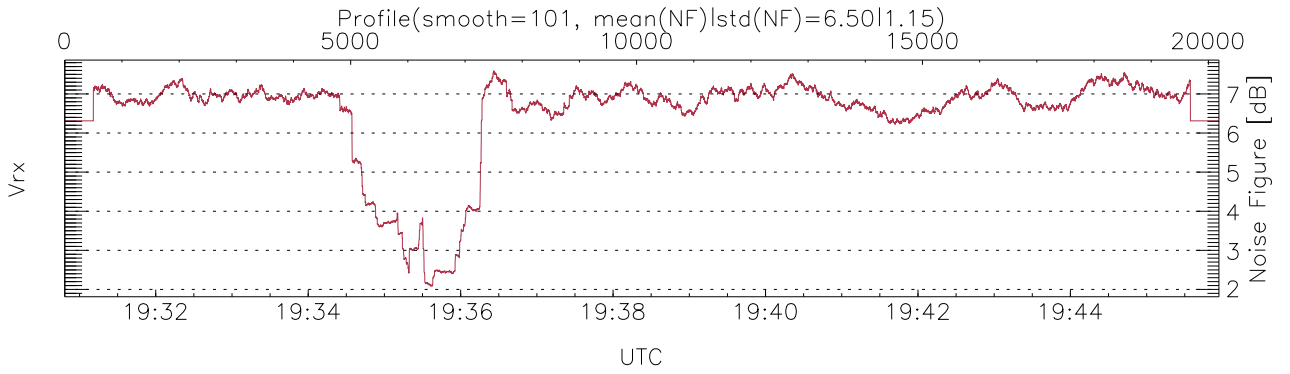
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 19:30:48-19:45:57, TimeCor: 0.00s, Dur: 908.55s  
 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): 20186/20186, 0-20185/19:30:48-19:45:57  
 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



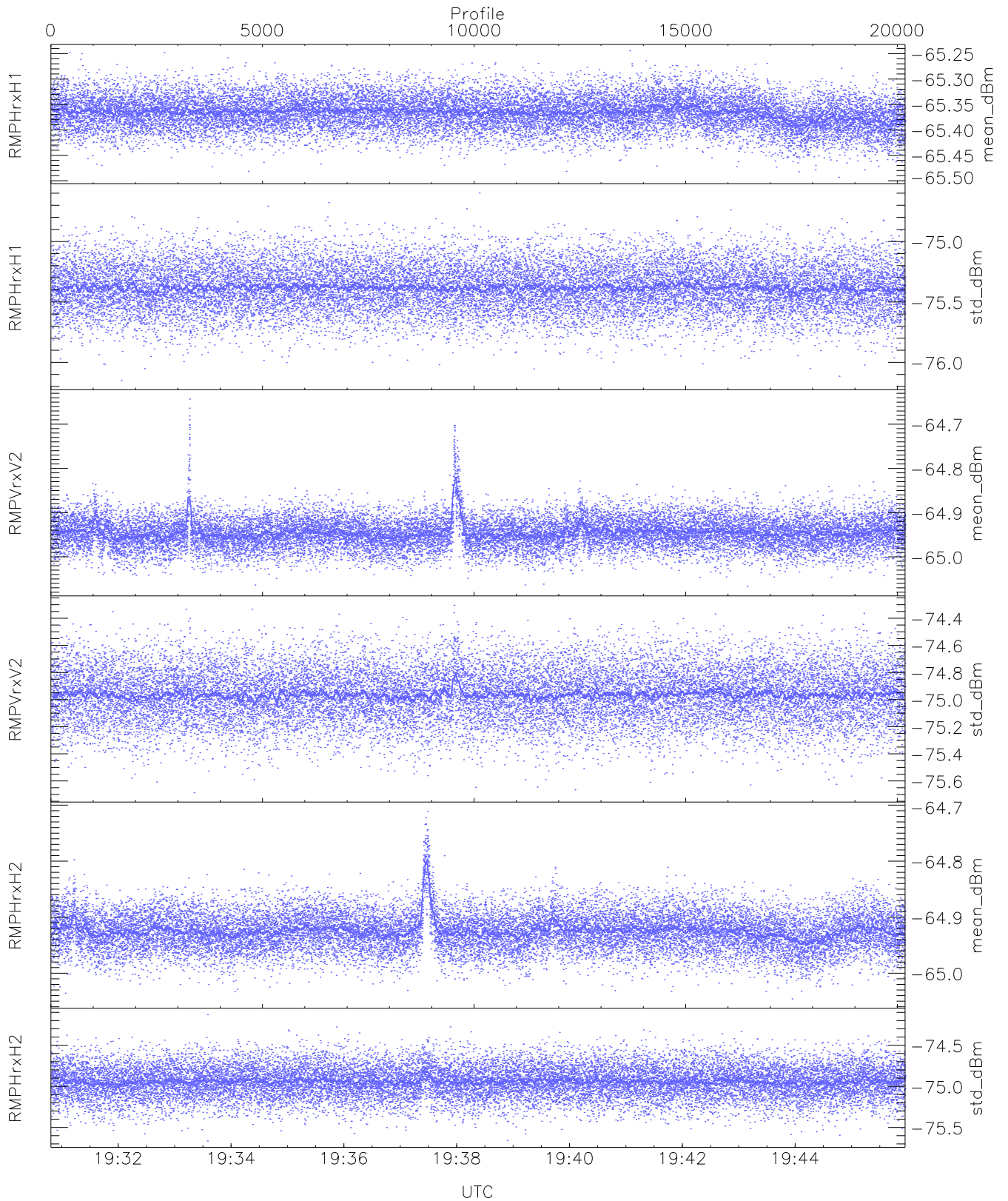
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,24,25,25,25`  
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,25,26,26,27`  
`LOalarm(20,240,2817,14861 MHz): 0,0,22,0`  
`EIK/Modulator Faults: None`



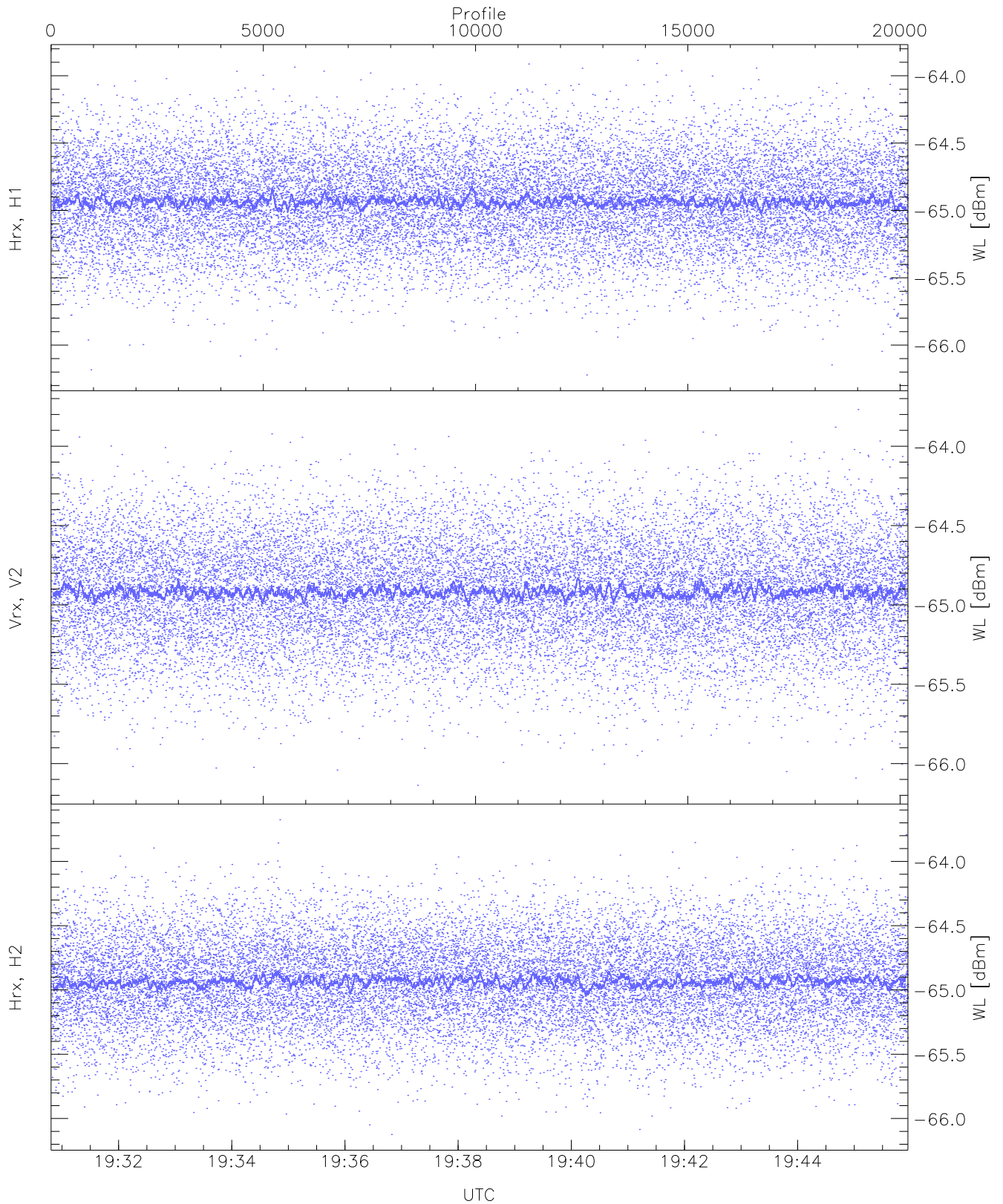
### WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 0 pixs, 0 gates, 0 profs, 0 prod(s)



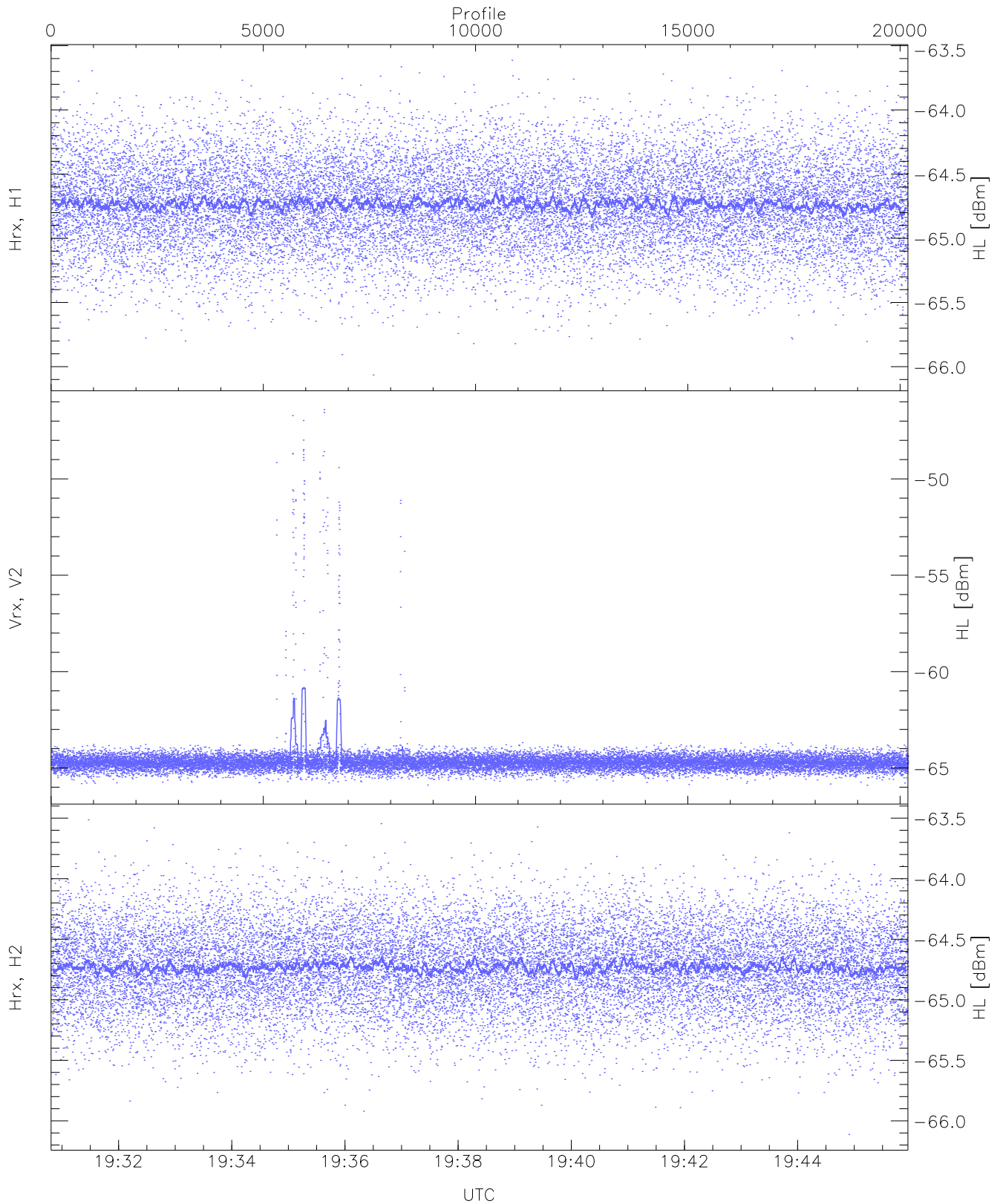
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.49	-65.24	-65.37	-65.37	-86.86
RMPHrxH1(std_dBm)	-76.15	-74.60	-75.38	-75.38	-89.15
RMPVrxV2(mean_dBm)	-65.07	-64.64	-64.95	-64.95	-86.01
RMPVrxV2(std_dBm)	-75.69	-74.30	-74.96	-74.96	-88.74
RMPHrxH2(mean_dBm)	-65.05	-64.71	-64.92	-64.93	-86.16
RMPHrxH2(std_dBm)	-75.66	-74.13	-74.94	-74.94	-88.73



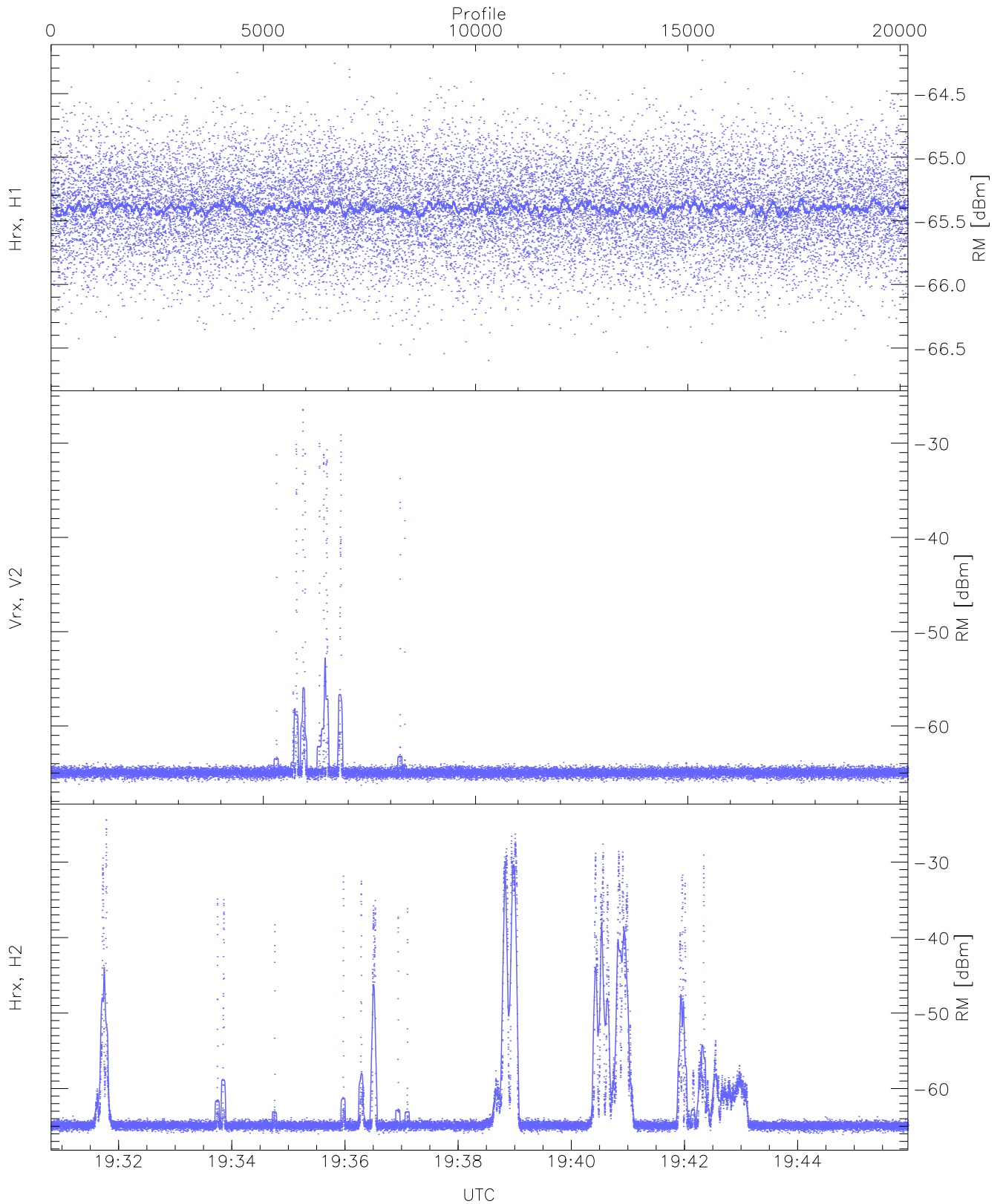
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.22	-63.89	-64.93	-64.93	-76.49
Vrx, V2 (WL [dBm])	-66.14	-63.77	-64.91	-64.92	-76.43
Hrx, H2 (WL [dBm])	-66.12	-63.68	-64.93	-64.93	-76.42



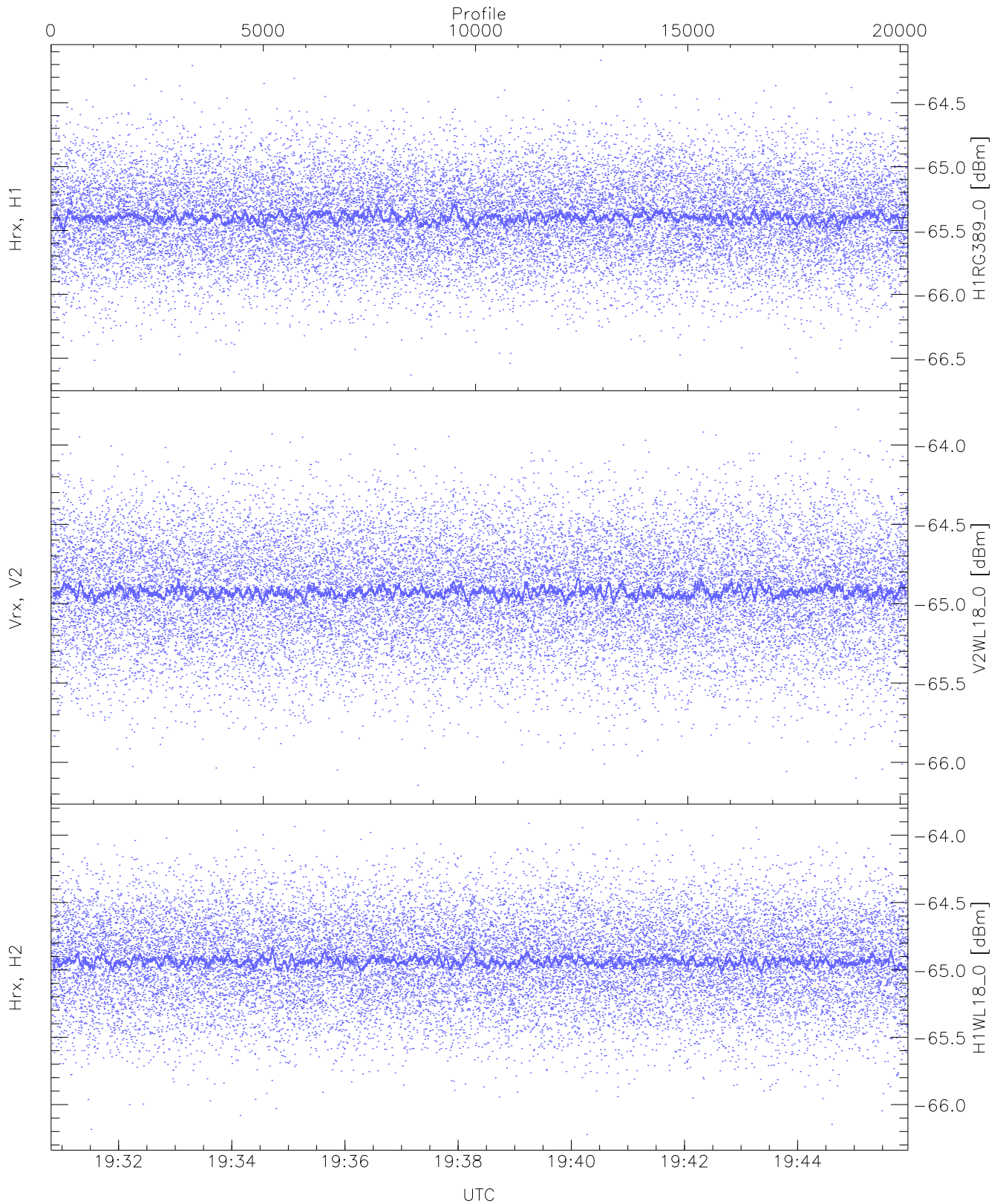
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.06	-63.61	-64.73	-64.74	-76.21
Vrx, V2 (HL [dBm])	-65.90	-46.40	-64.28	-64.73	-62.43
Hrx, H2 (HL [dBm])	-66.11	-63.51	-64.72	-64.73	-76.23



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

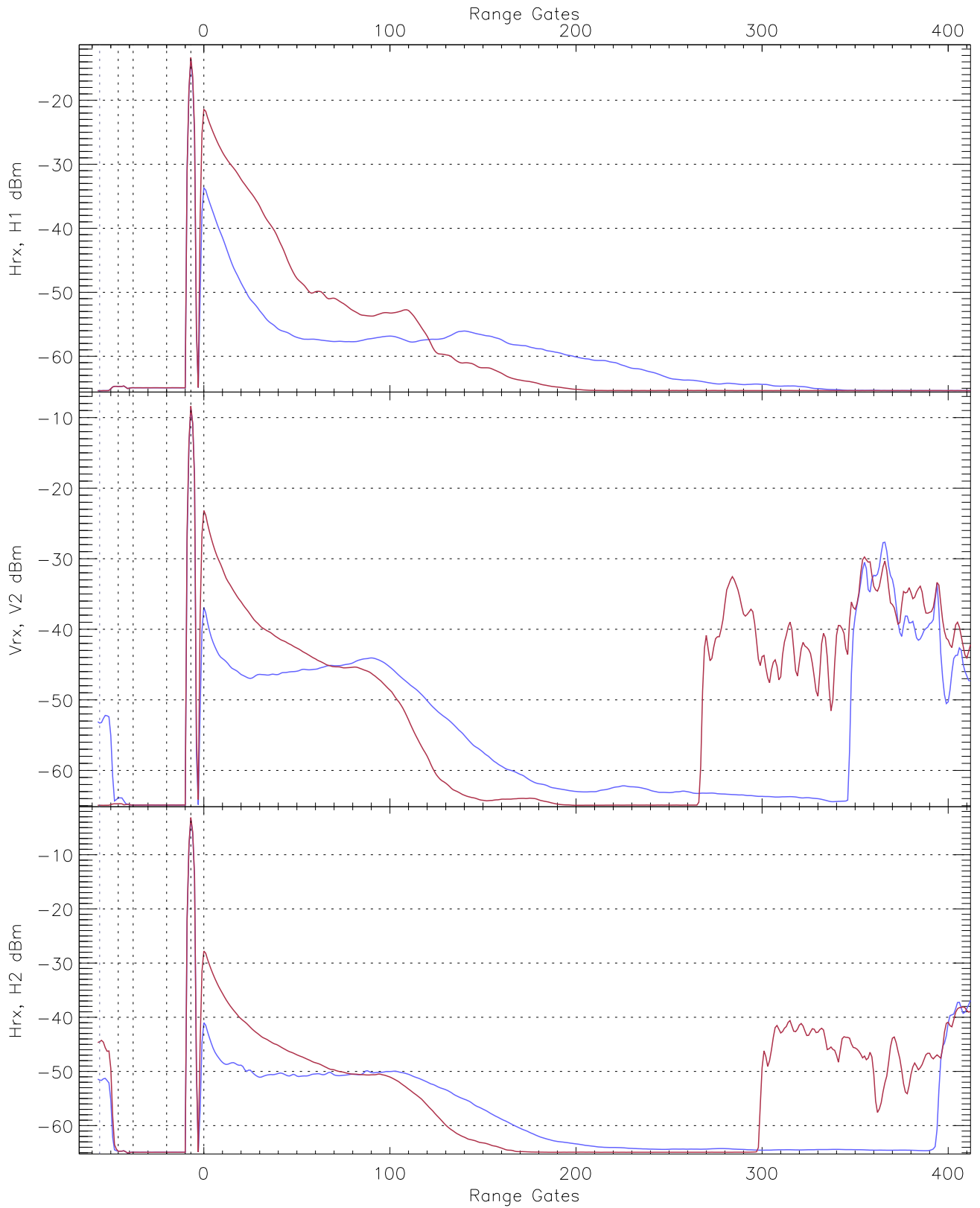
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.71	-64.24	-65.39	-65.40	-76.90
Vrx, V2 (RM [dBm])	-66.29	-26.43	-56.01	-64.94	-43.71
Hrx, H2 (RM [dBm])	-66.08	-24.40	-46.75	-64.79	-38.64



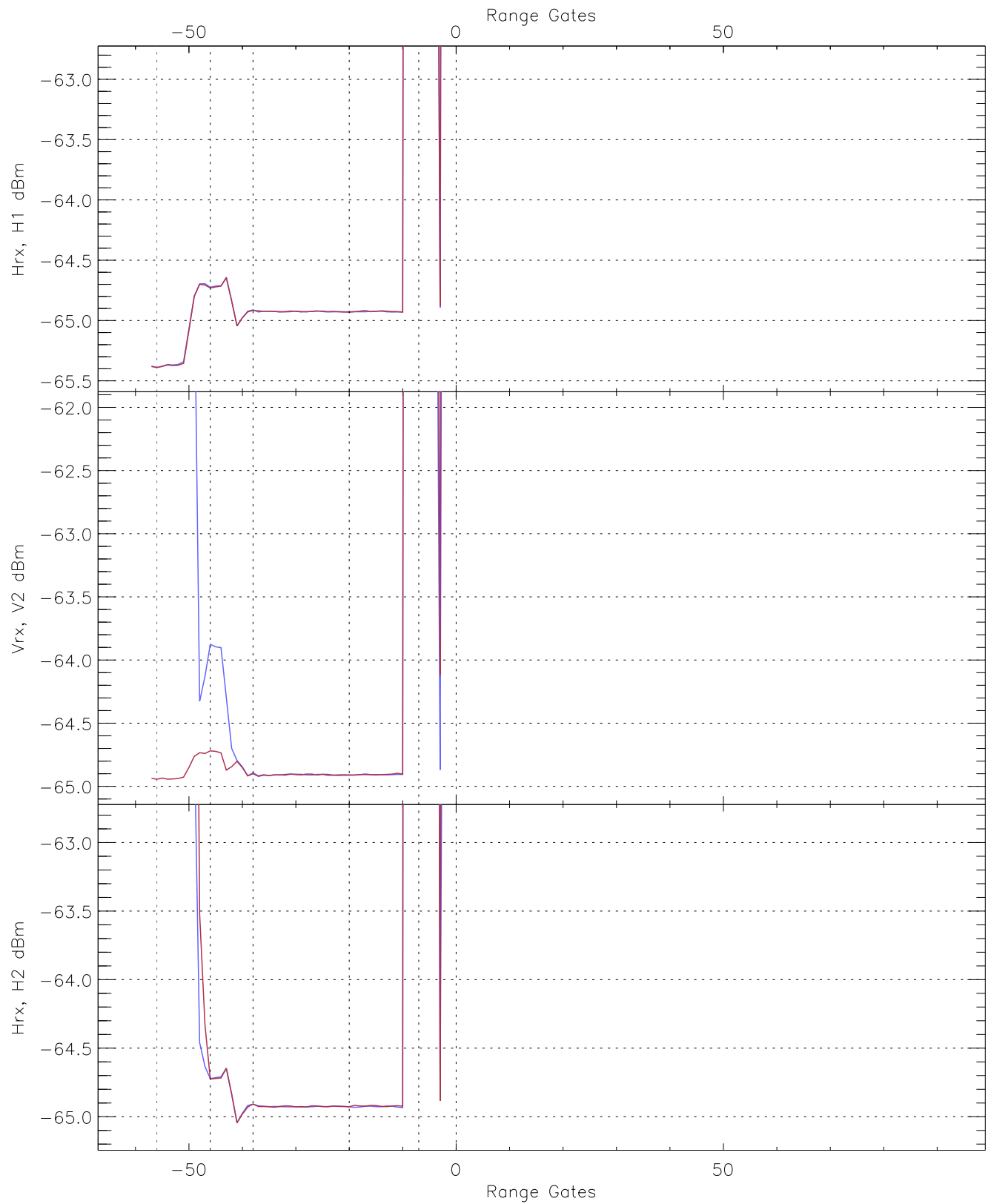
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG389_0 [dBm]	-66.63	-64.17	-65.39	-65.40	-76.92
V2WL18_0 [dBm]	-66.14	-63.78	-64.92	-64.92	-76.44
H1WL18_0 [dBm]	-66.22	-63.89	-64.93	-64.93	-76.49

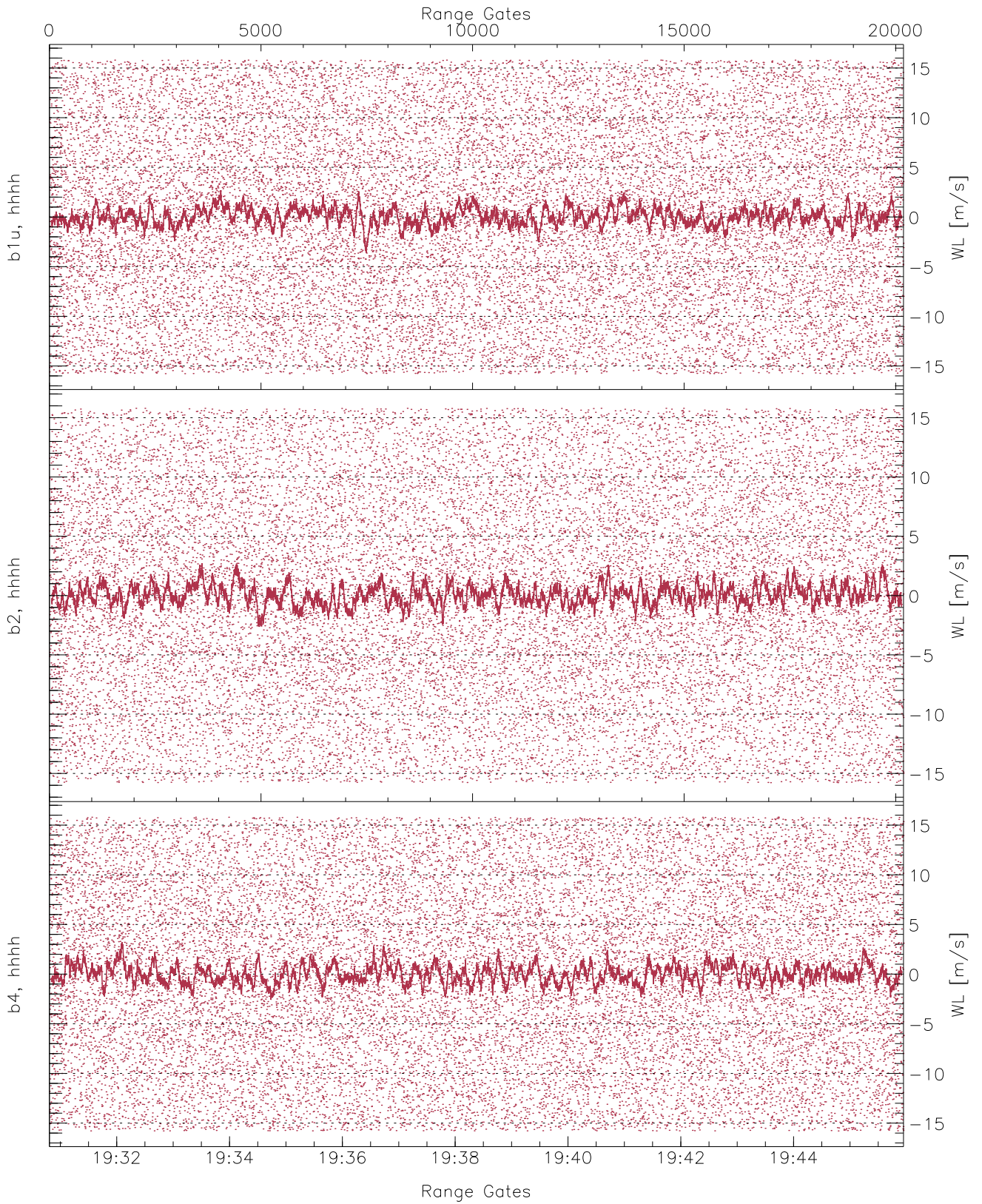




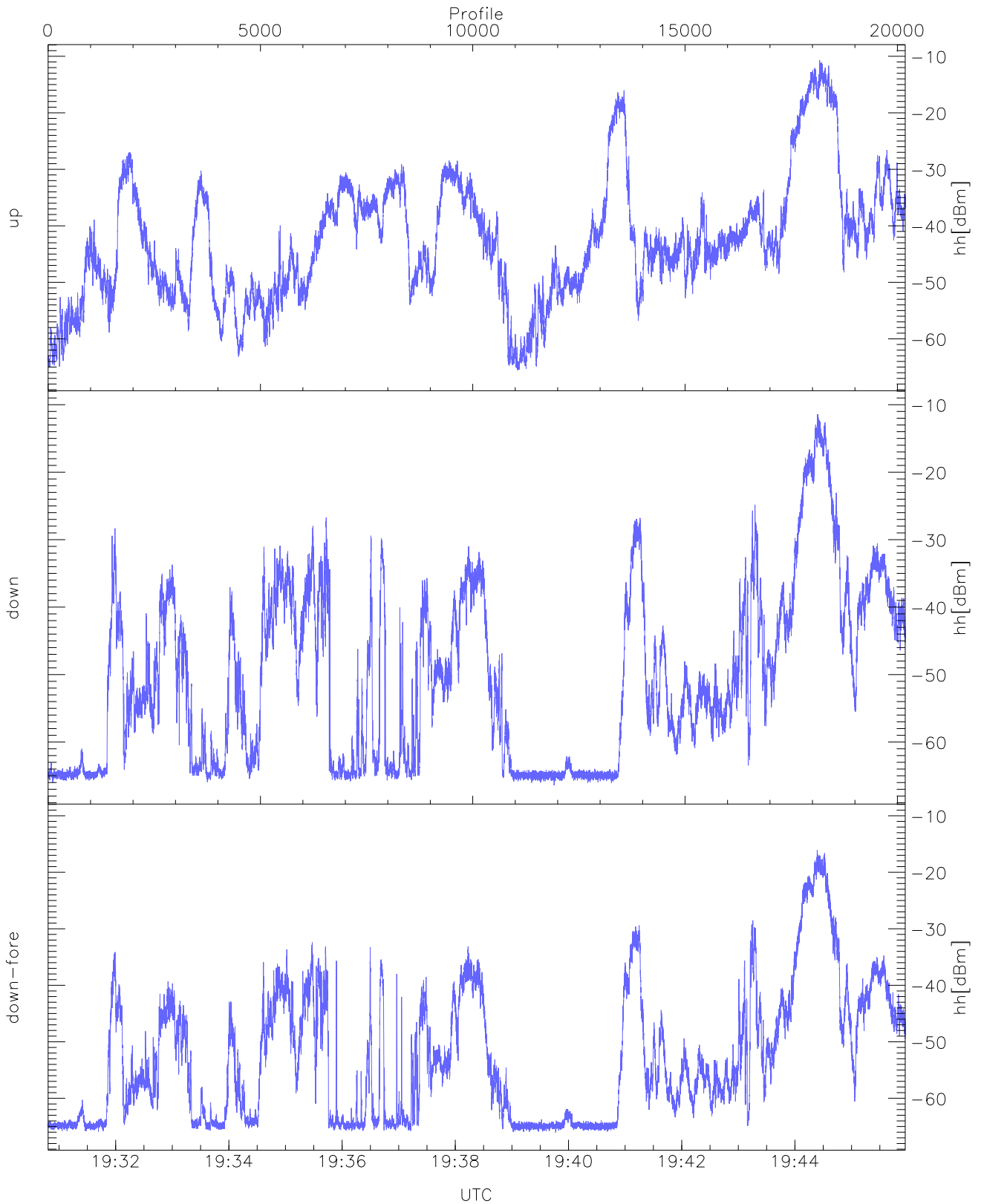
WCR3 CPP Averaged Received power for all recorded gates  
blue: 193048-193823, 10094 profiles averaged  
red: 193823-194557, 10093 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 193048-193823, 10094 profiles averaged  
red: 193823-194557, 10093 profiles averaged

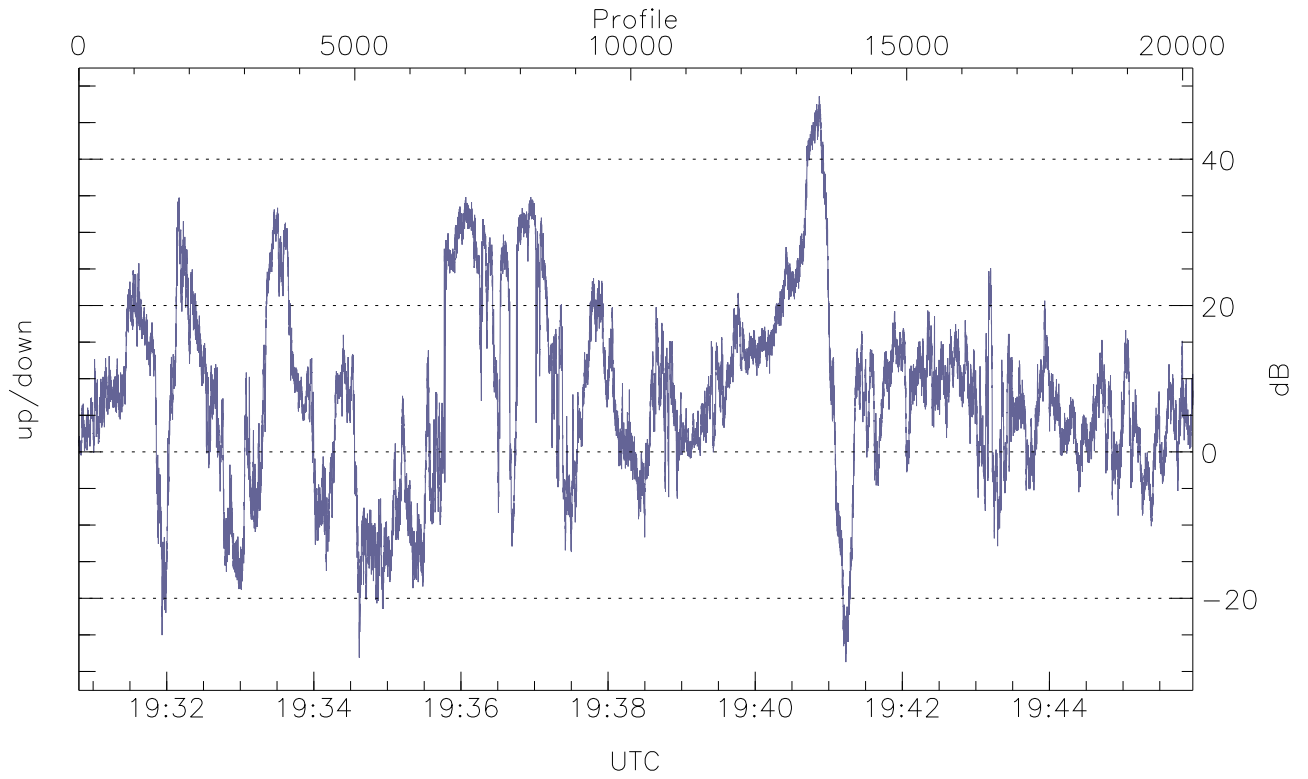


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



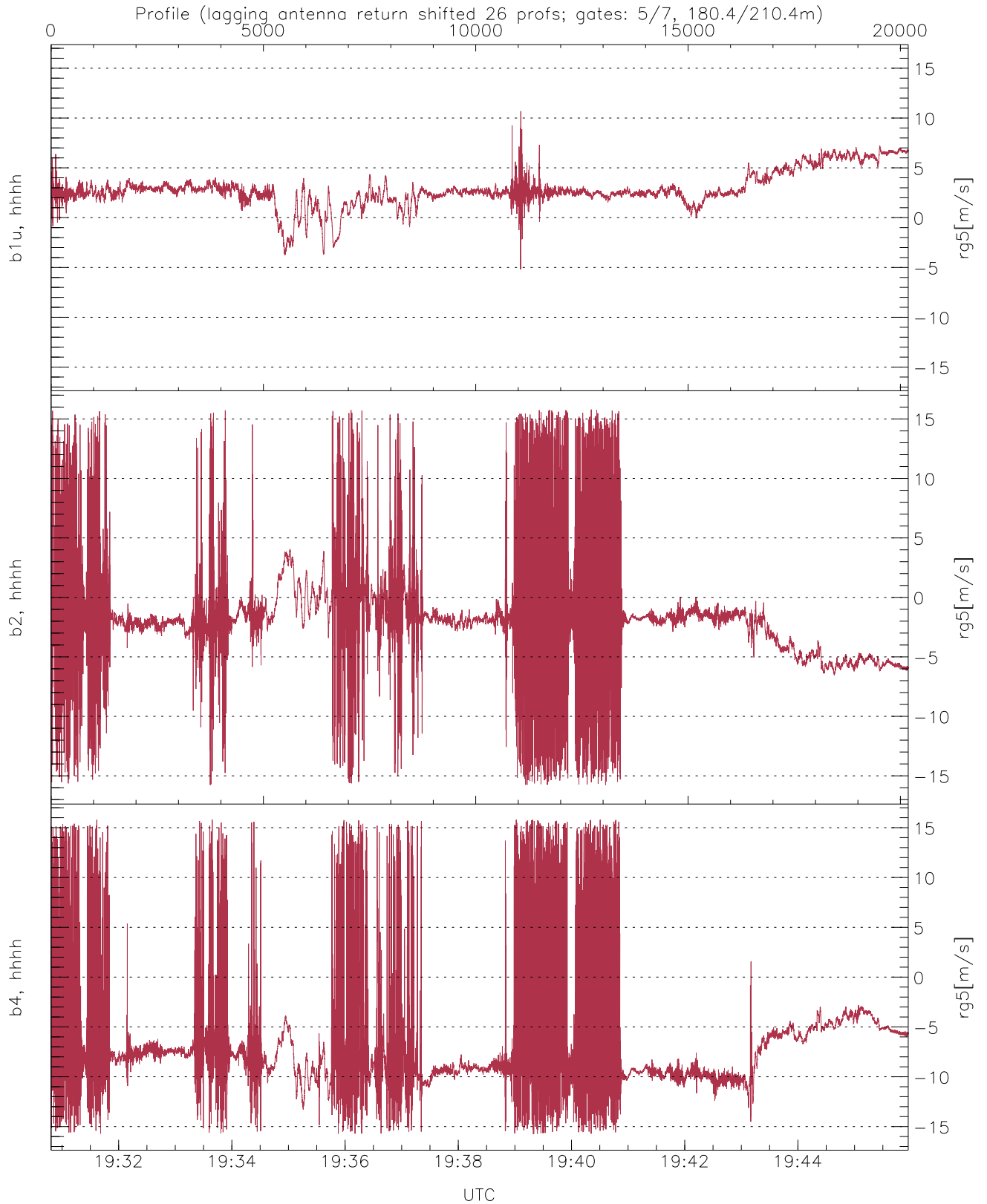
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-65.55	-10.71	-27.78
down(hh[dBm])	-66.40	-11.43	-30.86
down-fore(hh[dBm])	-66.03	-16.06	-34.91



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

	Min	Max	Mean
up/down (dB)	-28.72	48.59	7.89
down/down-fore (dB)	-29.27	34.67	3.34



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-5.19	10.69	2.81	1.77
b2, hhhh(rg5[m/s])	-15.77	15.79	-1.71	4.15
b4, hhhh(rg5[m/s])	-15.76	15.79	-6.39	5.29