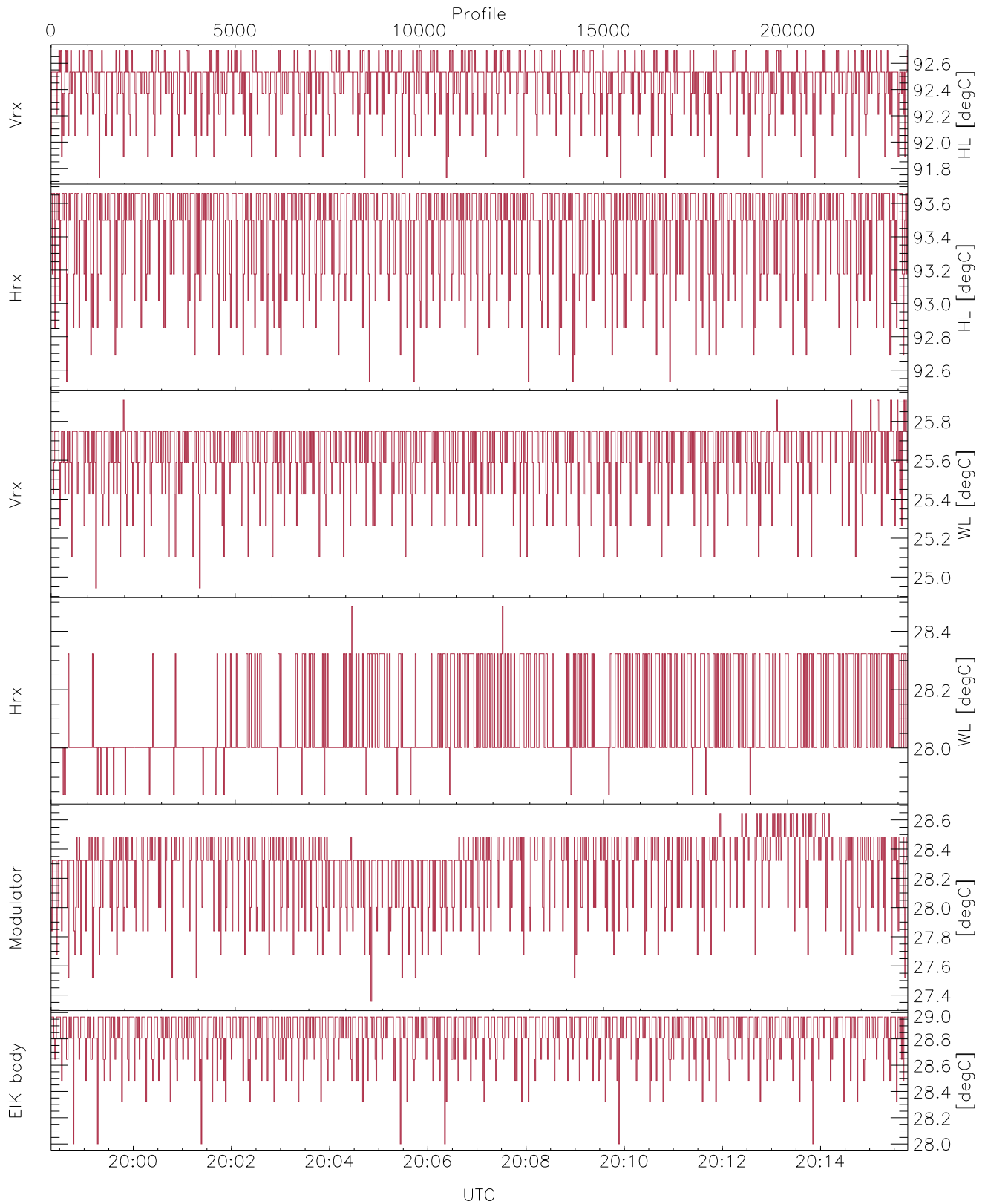


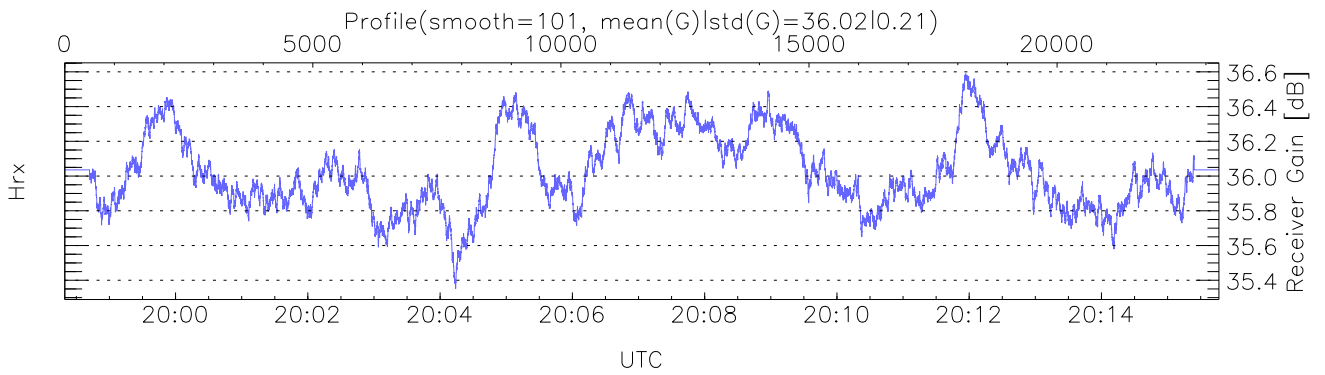
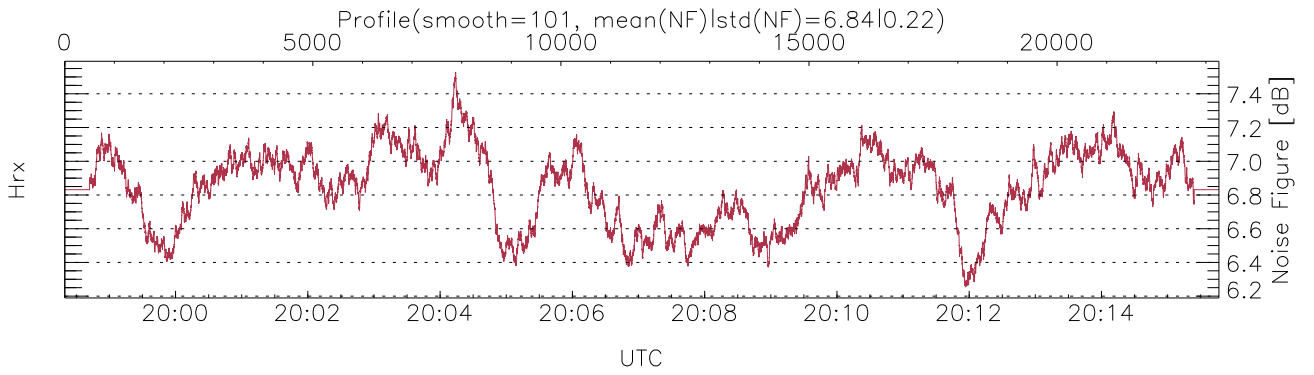
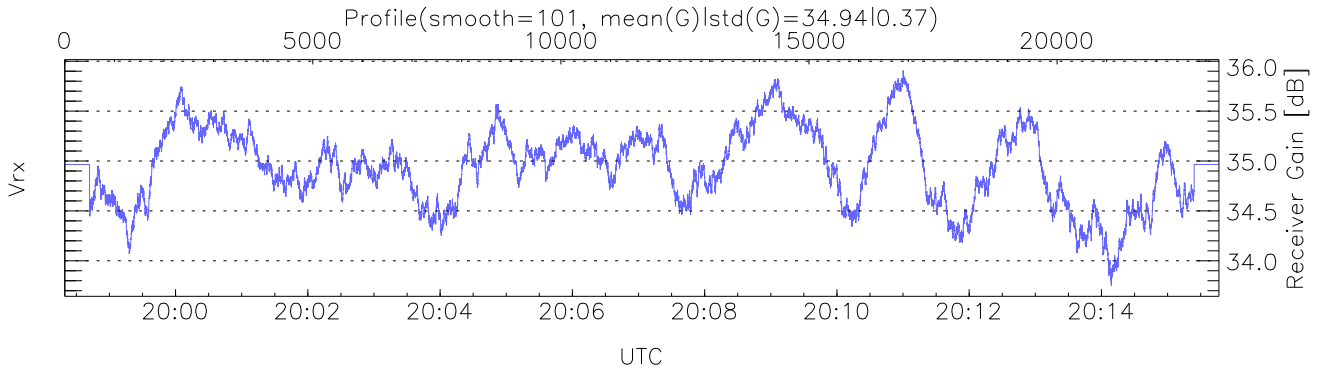
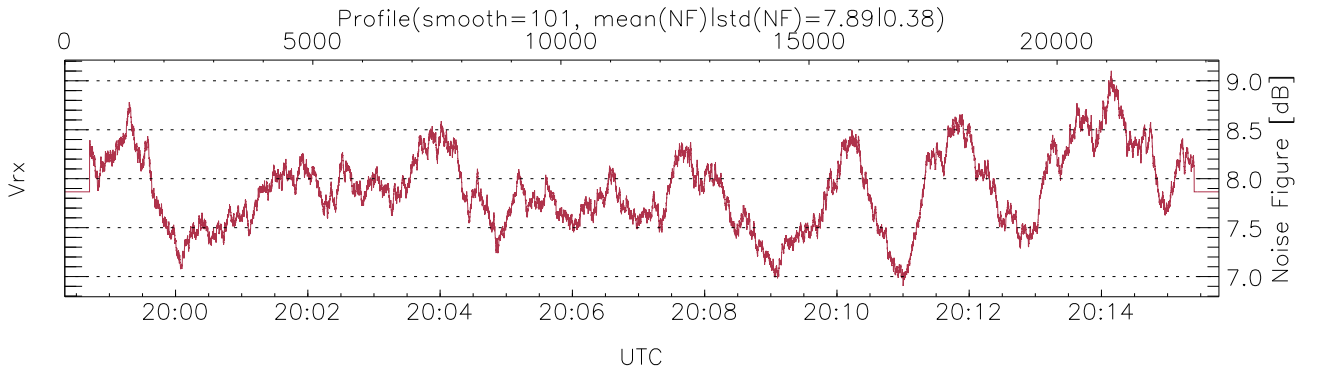
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 19:58:19-20:15:47, TimeCor: 0.00s, Dur: 1047.10s  
 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): 23264/23264, 0-23263/19:58:19-20:15:47  
 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



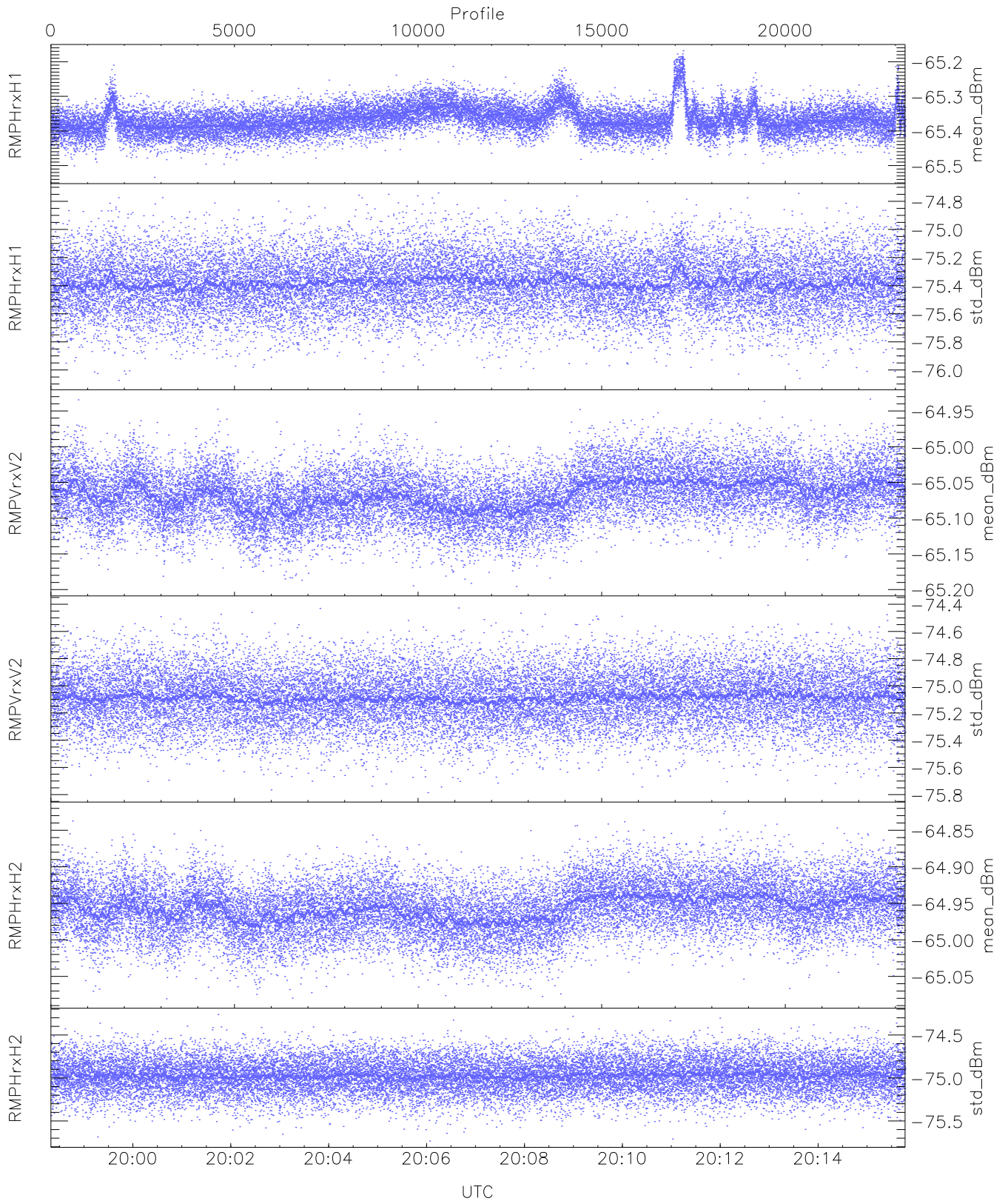
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,24,27,27,28  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,25,28,28,28  
LOalarm(20,240,2817,14861 MHz): 0,0,22,0  
EIK/Modulator Faults: None



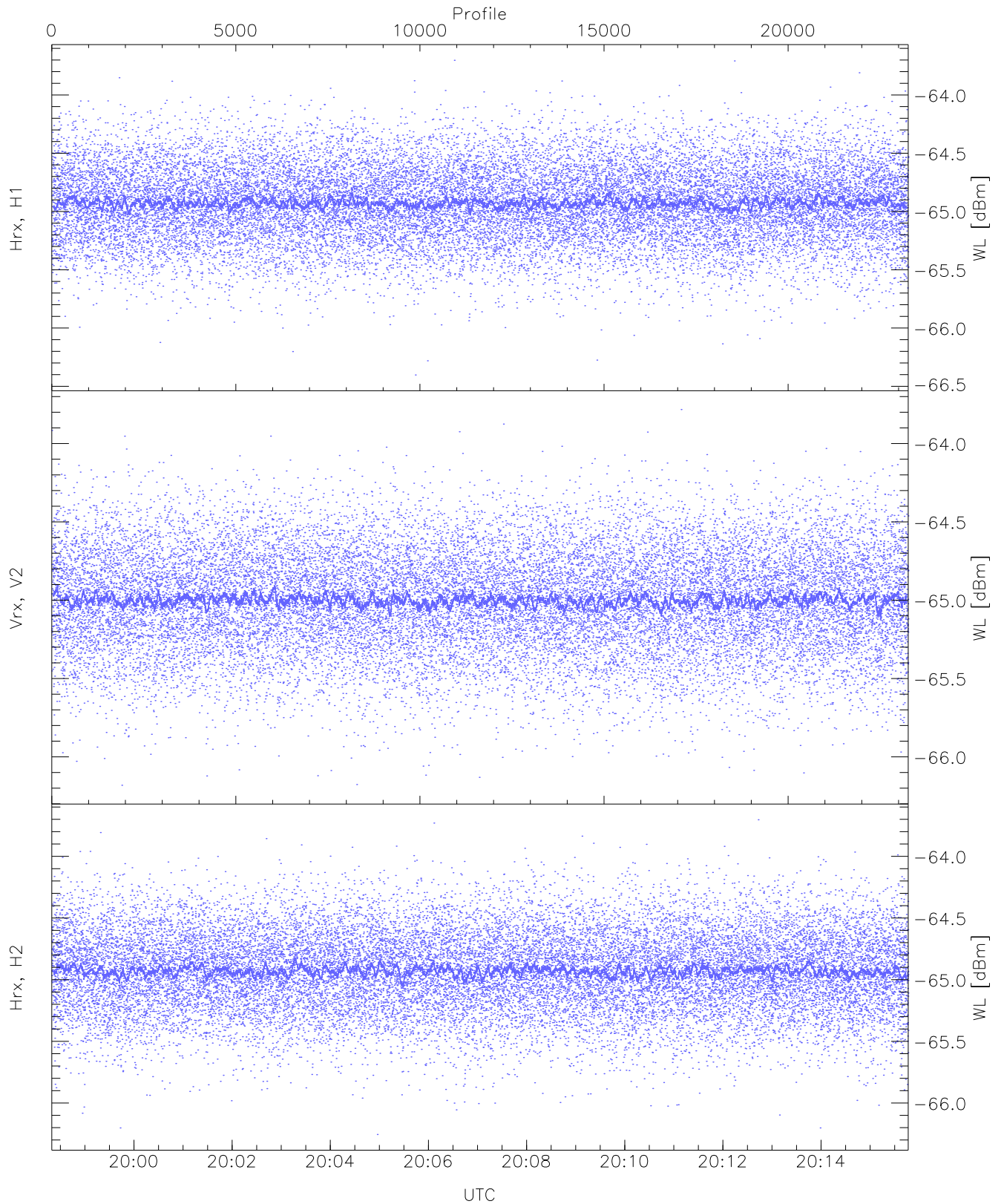
### WCR3 CPP Receivers Gain and Noise Figure

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



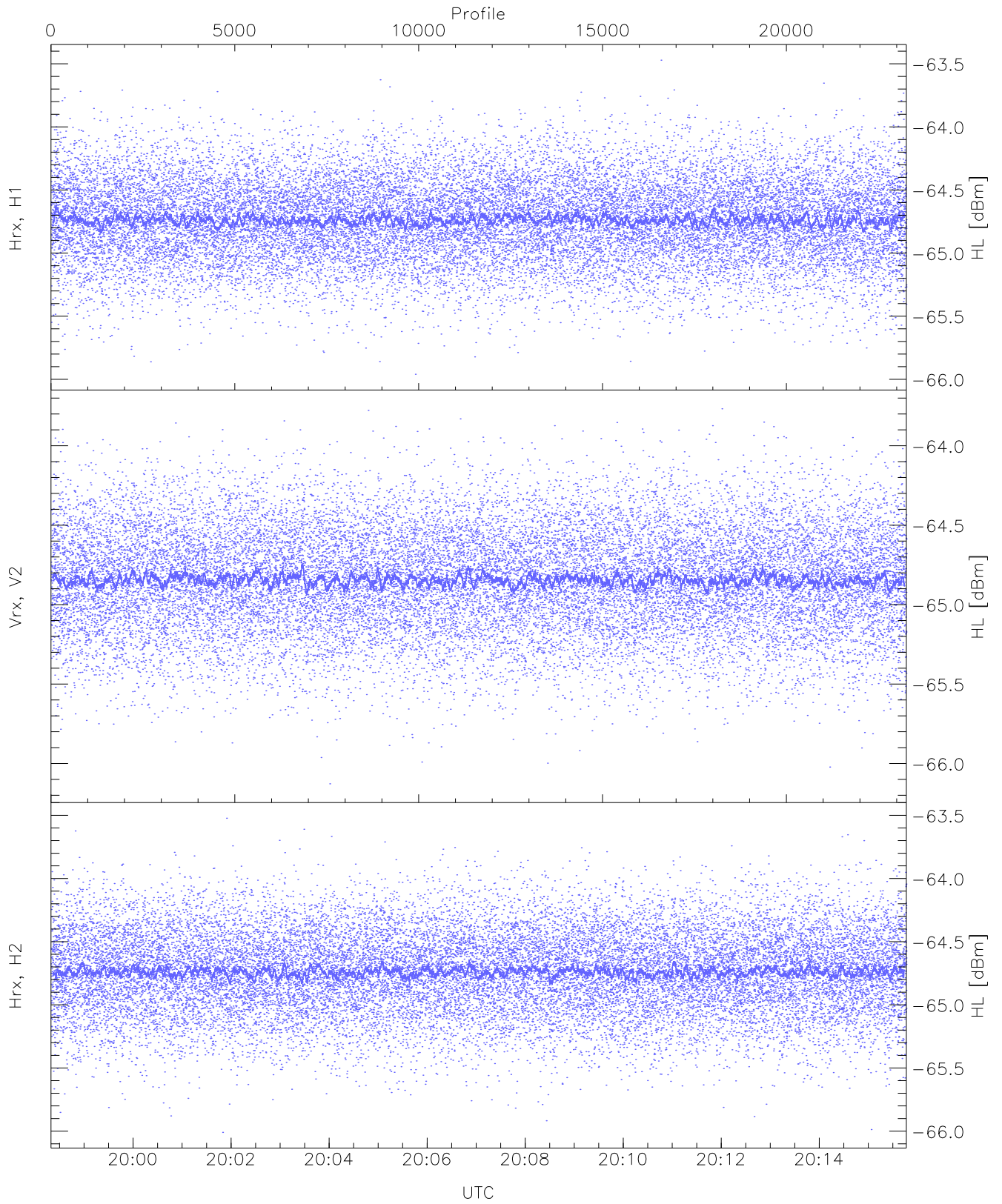
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.53	-65.17	-65.37	-65.37	-85.80
RMPHrxH1(std_dBm)	-76.07	-74.74	-75.38	-75.38	-89.13
RMPVrxV2(mean_dBm)	-65.20	-64.93	-65.07	-65.07	-86.16
RMPVrxV2(std_dBm)	-75.79	-74.41	-75.09	-75.09	-88.89
RMPHrxH2(mean_dBm)	-65.08	-64.82	-64.96	-64.96	-86.14
RMPHrxH2(std_dBm)	-75.73	-74.26	-74.97	-74.97	-88.77



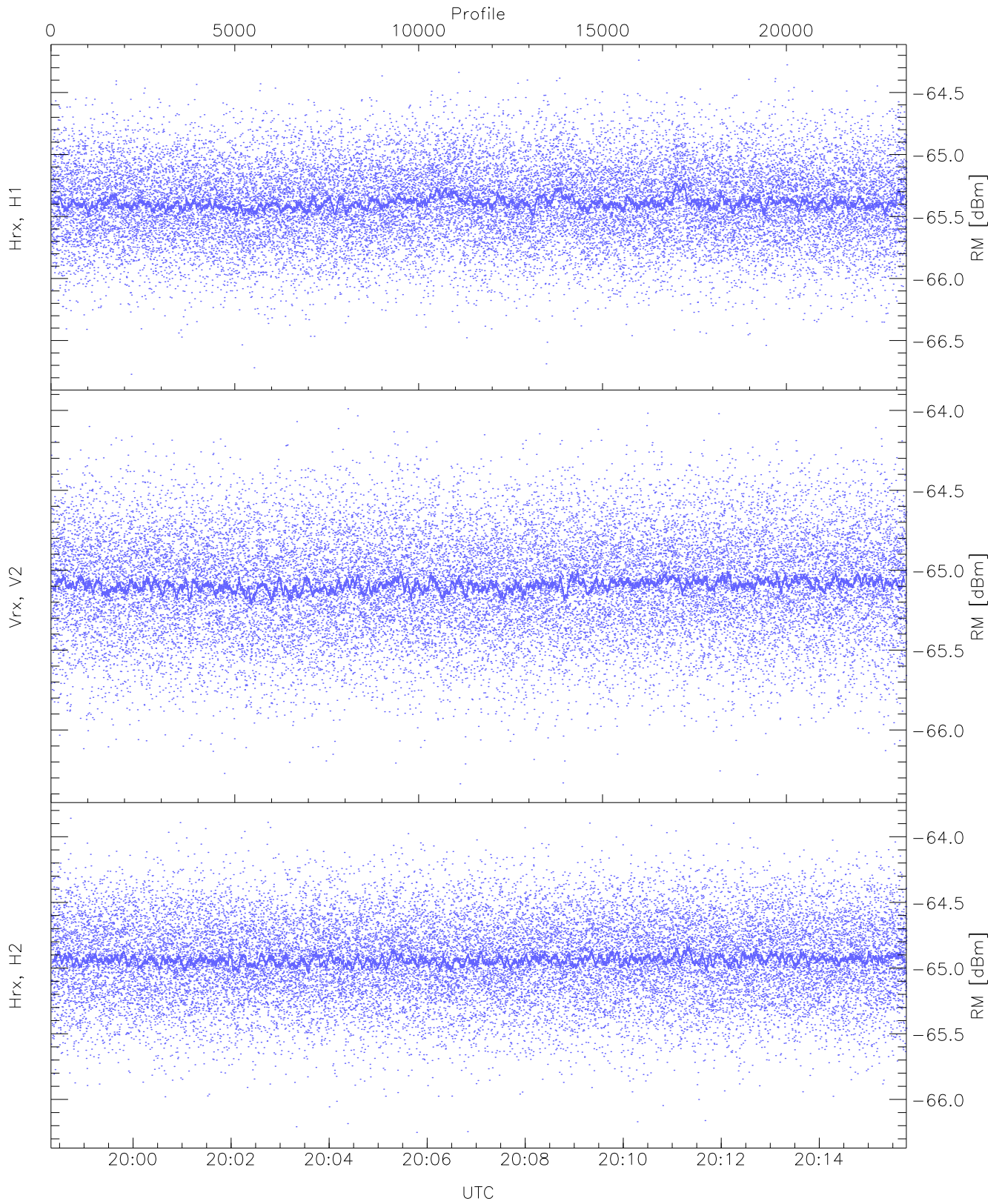
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.40	-63.70	-64.92	-64.93	-76.40
Vrx, V2 (WL [dBm])	-66.18	-63.78	-64.99	-65.00	-76.52
Hrx, H2 (WL [dBm])	-66.26	-63.70	-64.92	-64.93	-76.42



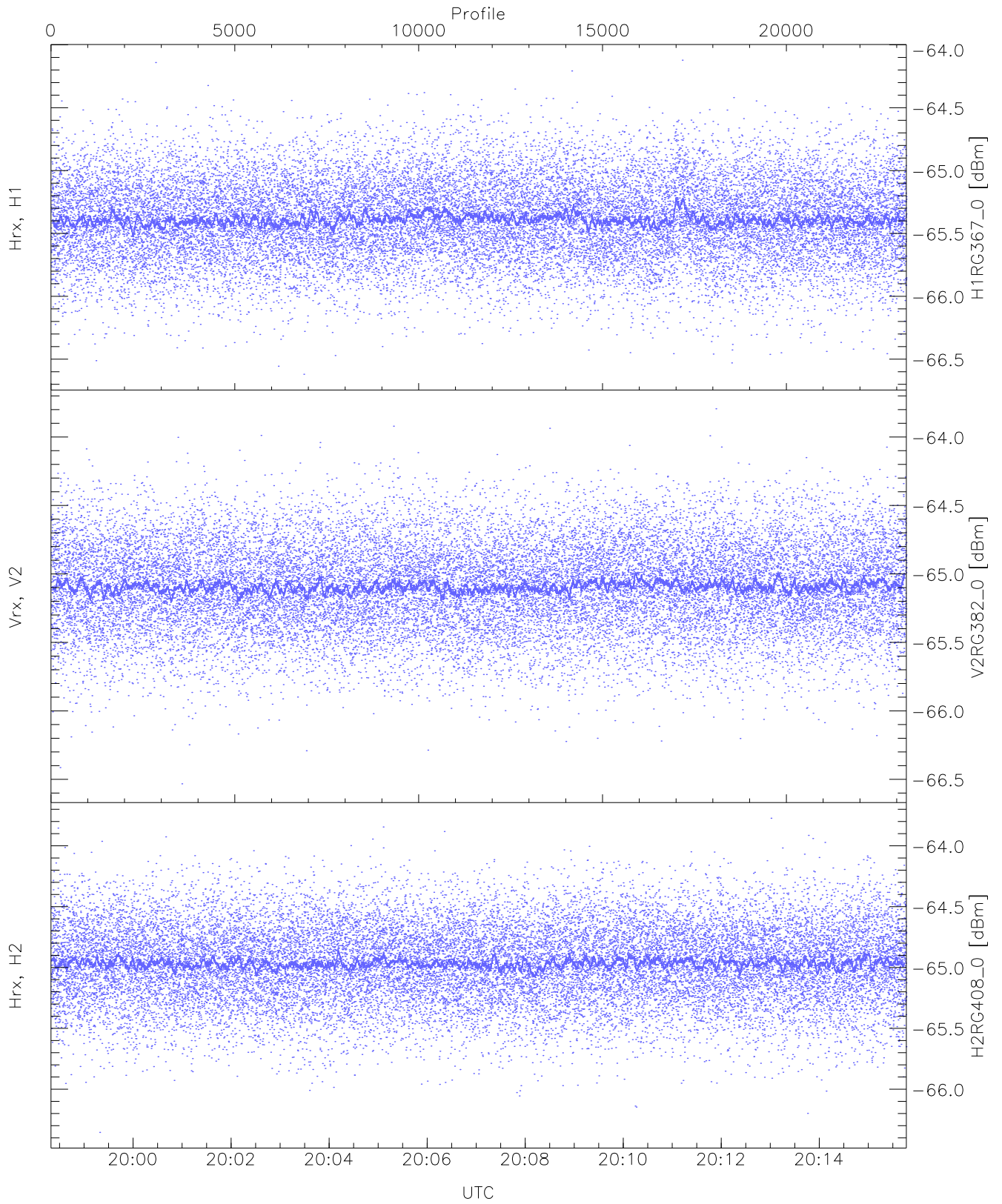
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.96	-63.47	-64.73	-64.74	-76.23
Vrx, V2 (HL [dBm])	-66.13	-63.77	-64.84	-64.84	-76.37
Hrx, H2 (HL [dBm])	-66.01	-63.52	-64.73	-64.74	-76.22



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

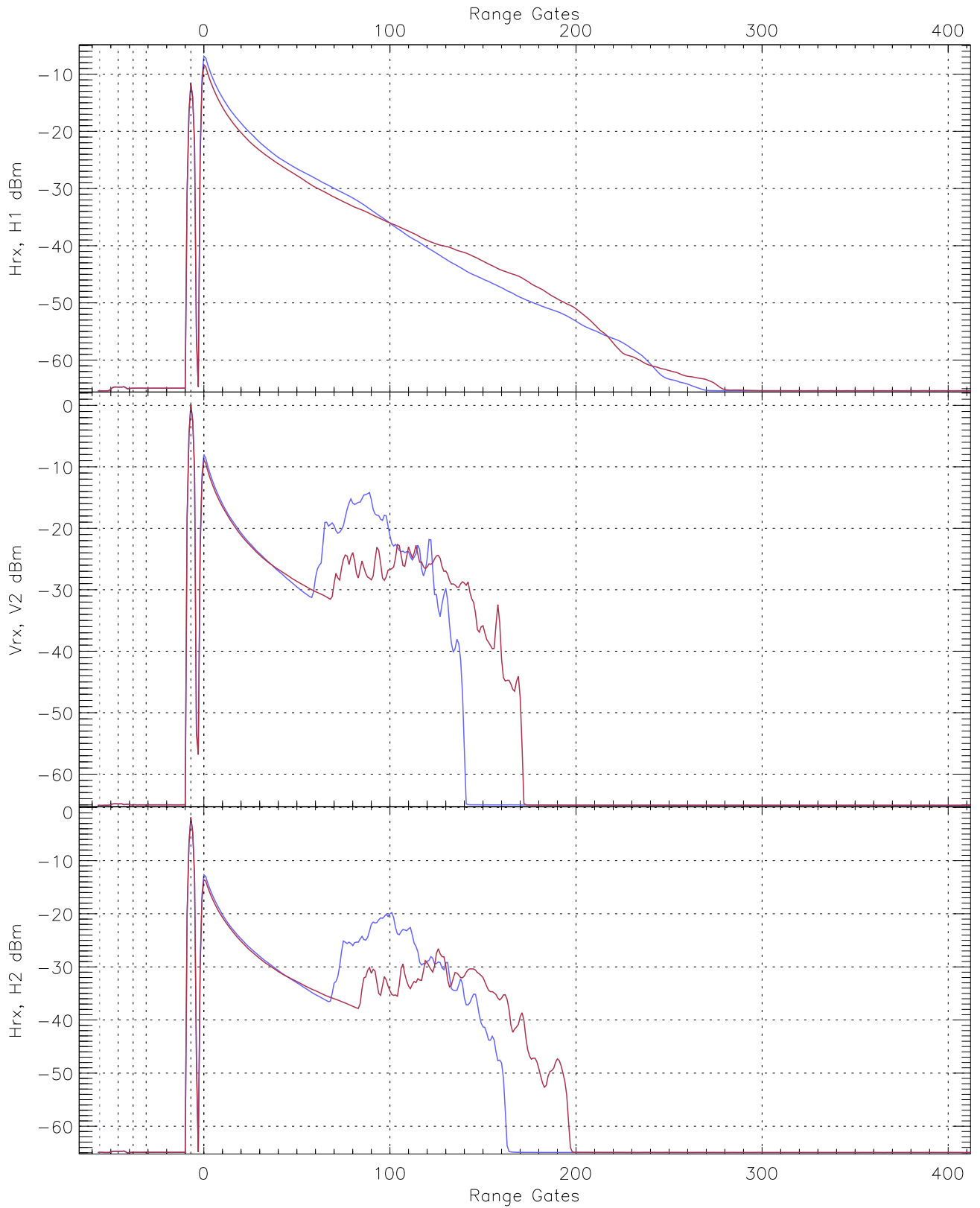
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.77	-64.24	-65.38	-65.39	-76.87
Vrx, V2 (RM [dBm])	-66.34	-63.99	-65.08	-65.09	-76.56
Hrx, H2 (RM [dBm])	-66.25	-63.86	-64.93	-64.94	-76.44



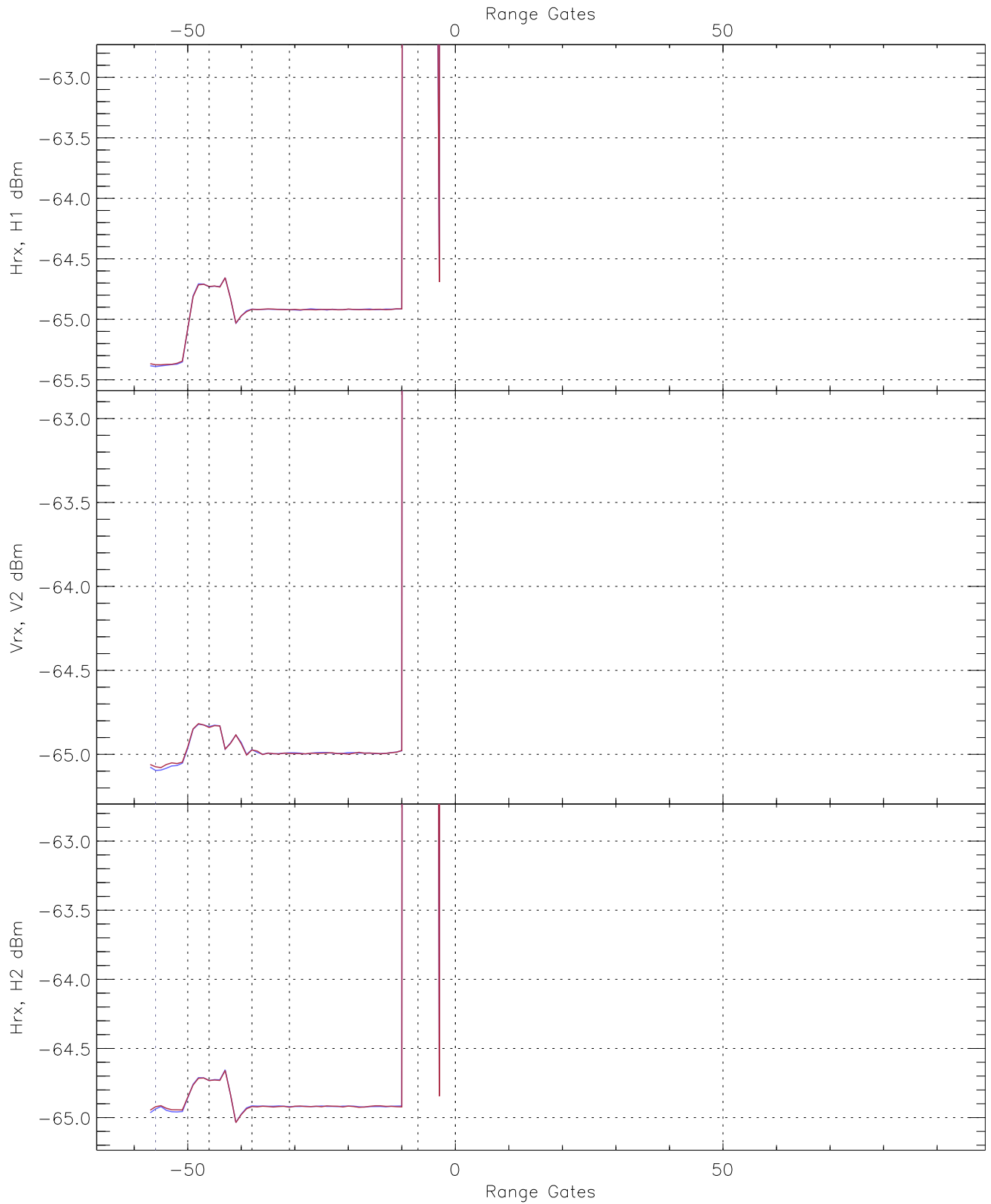
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG367_0 [dBm]	-66.62	-64.12	-65.38	-65.39	-76.87
V2RG382_0 [dBm]	-66.53	-63.79	-65.08	-65.09	-76.57
H2RG408_0 [dBm]	-66.35	-63.77	-64.96	-64.96	-76.46

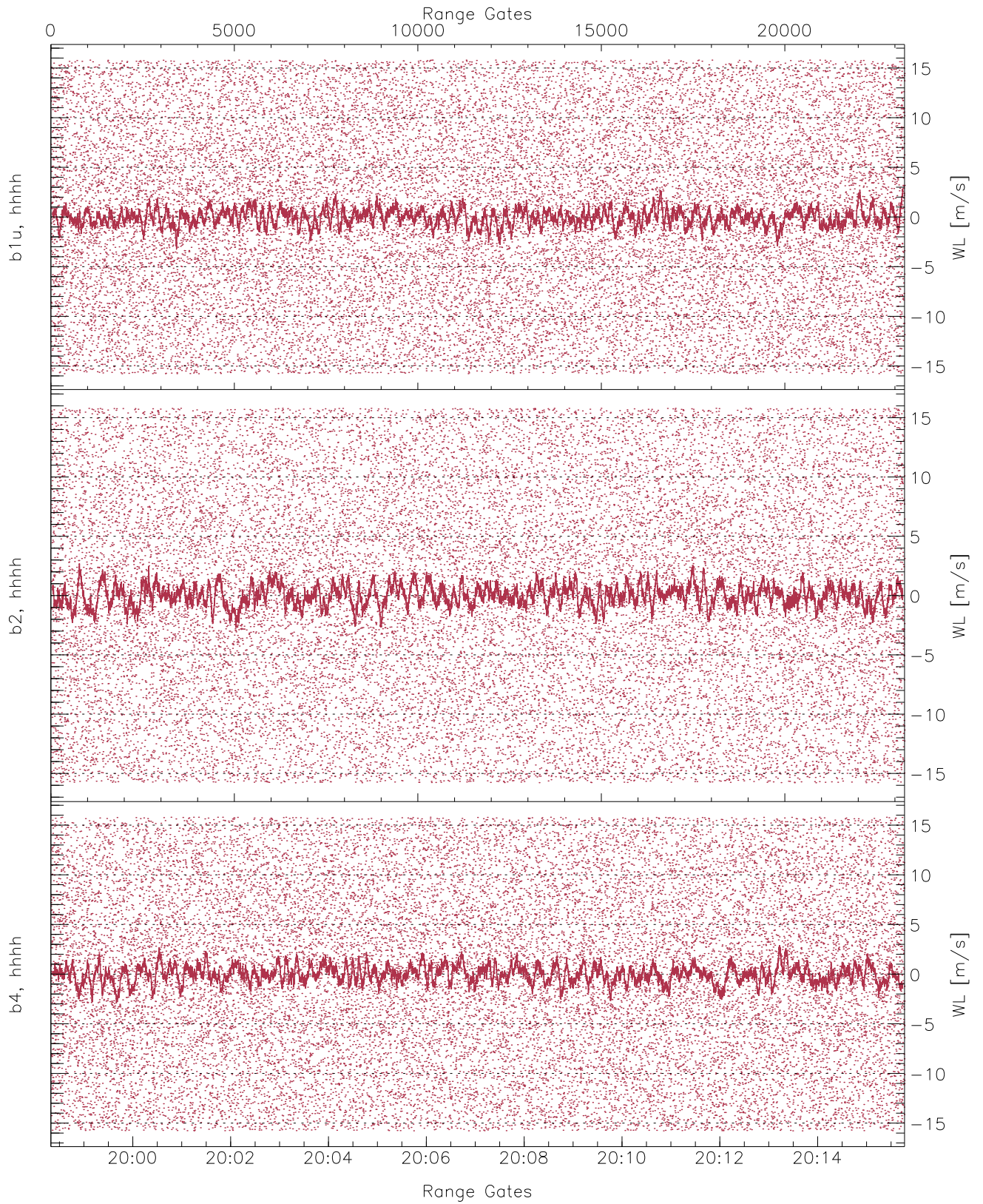




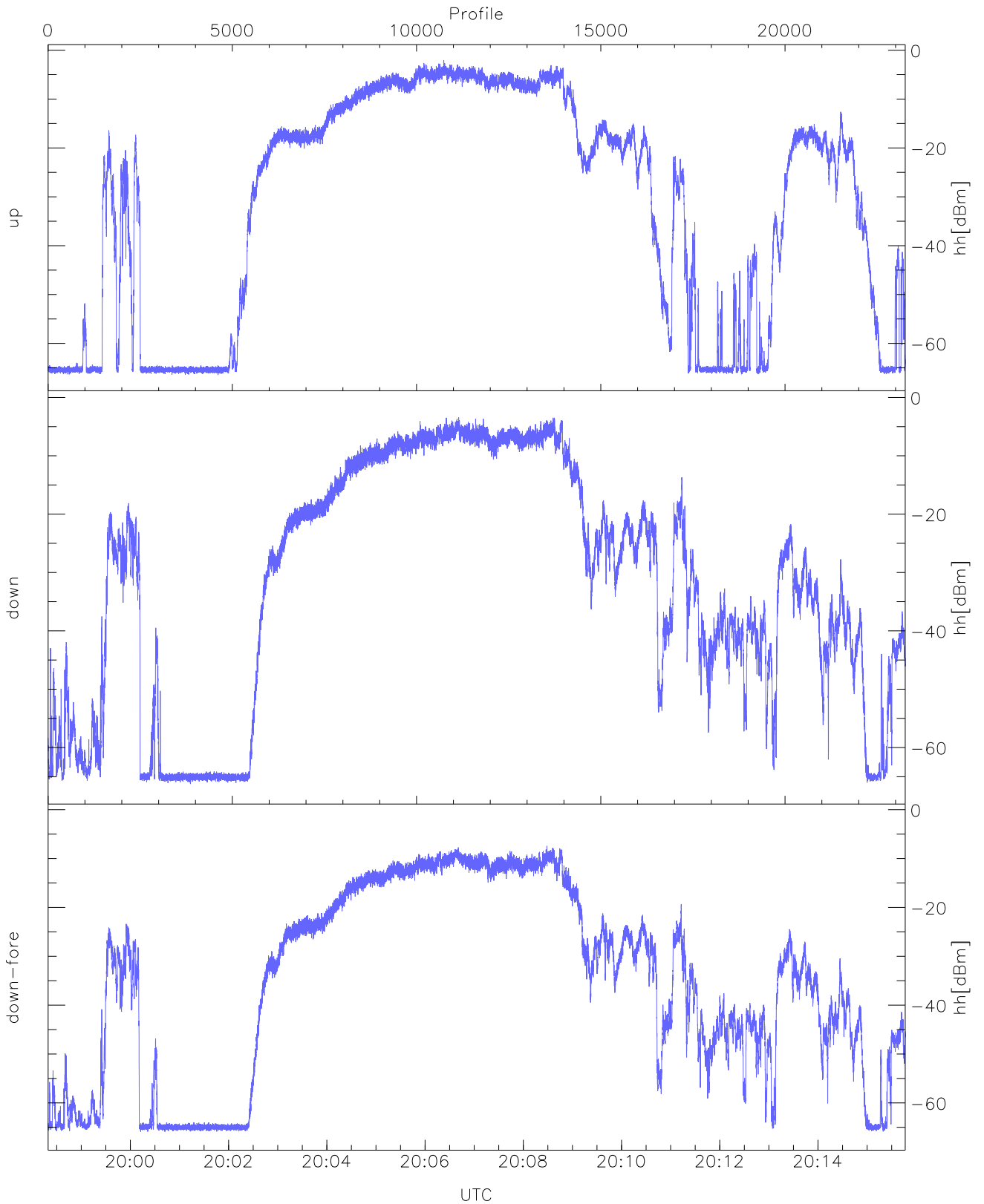
WCR3 CPP Averaged Received power for all recorded gates  
blue: 195819-200703, 11633 profiles averaged  
red: 200703-201547, 11632 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 195819-200703, 11633 profiles averaged  
red: 200703-201547, 11632 profiles averaged

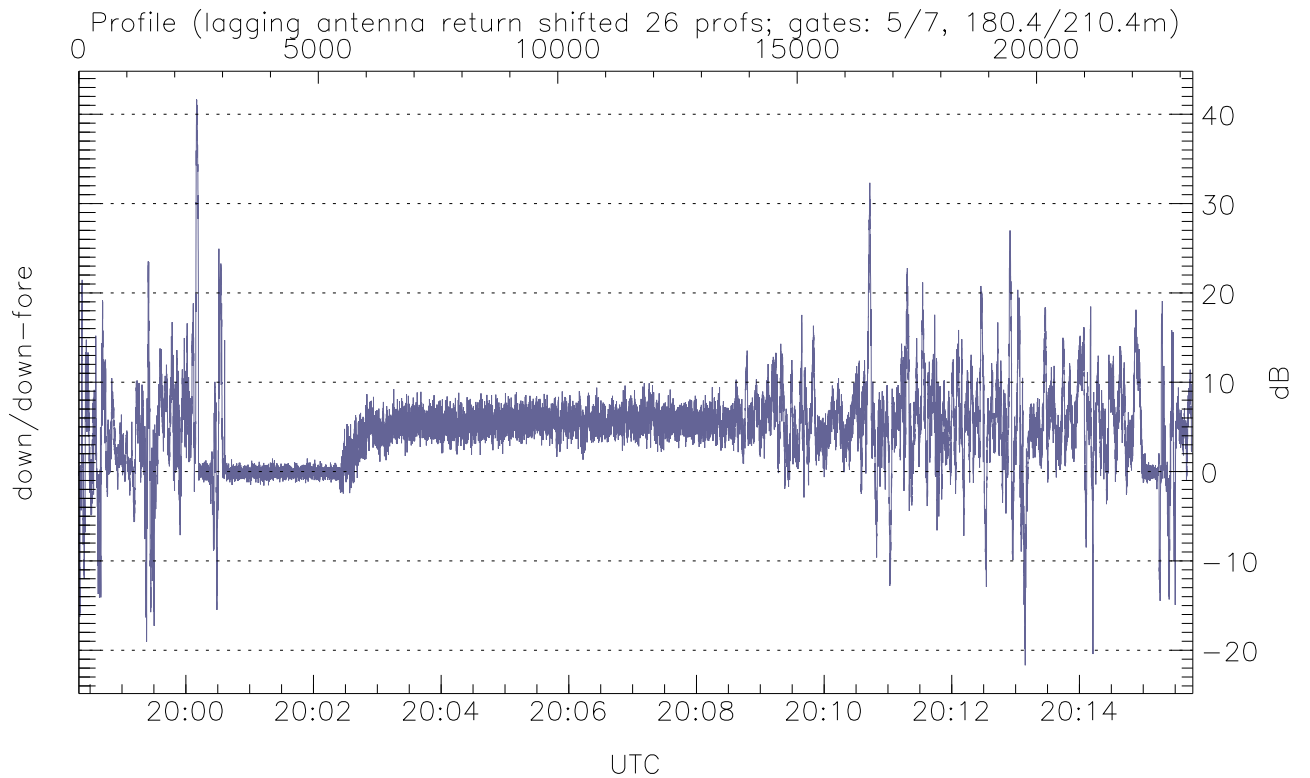
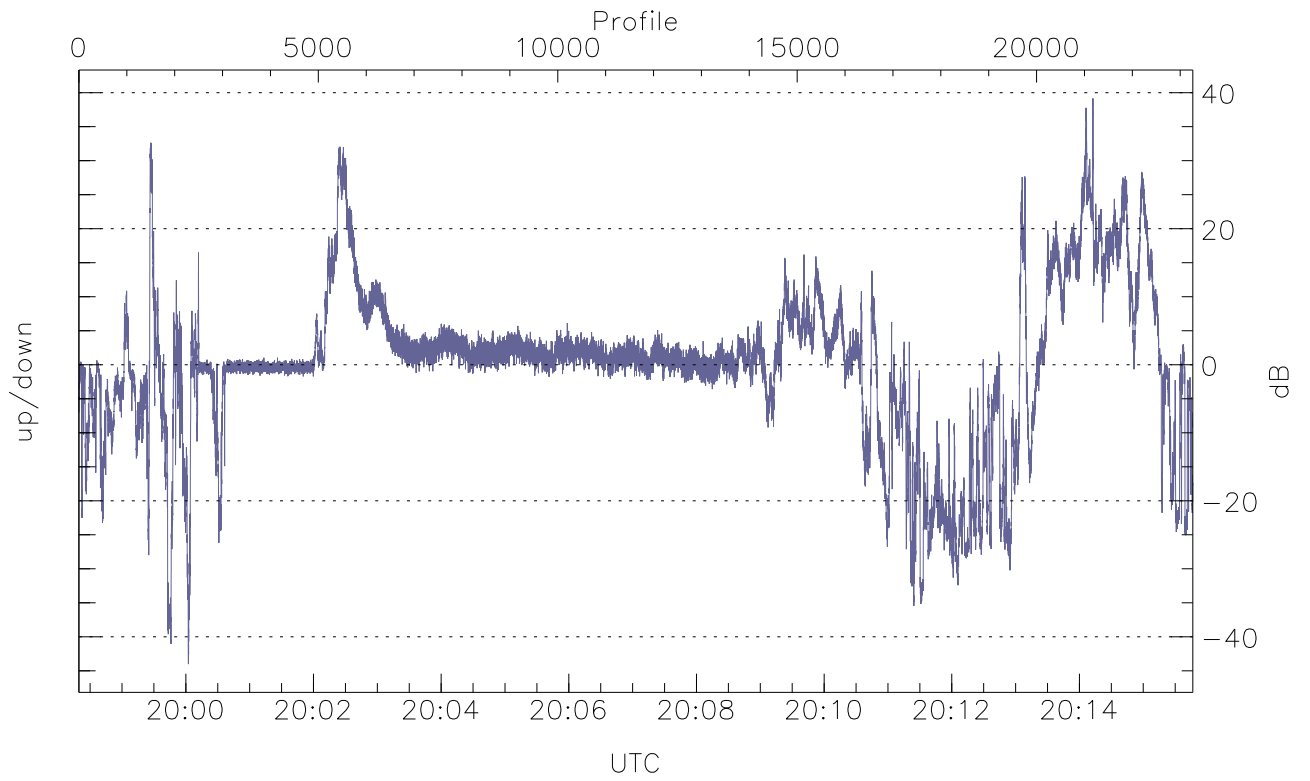


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



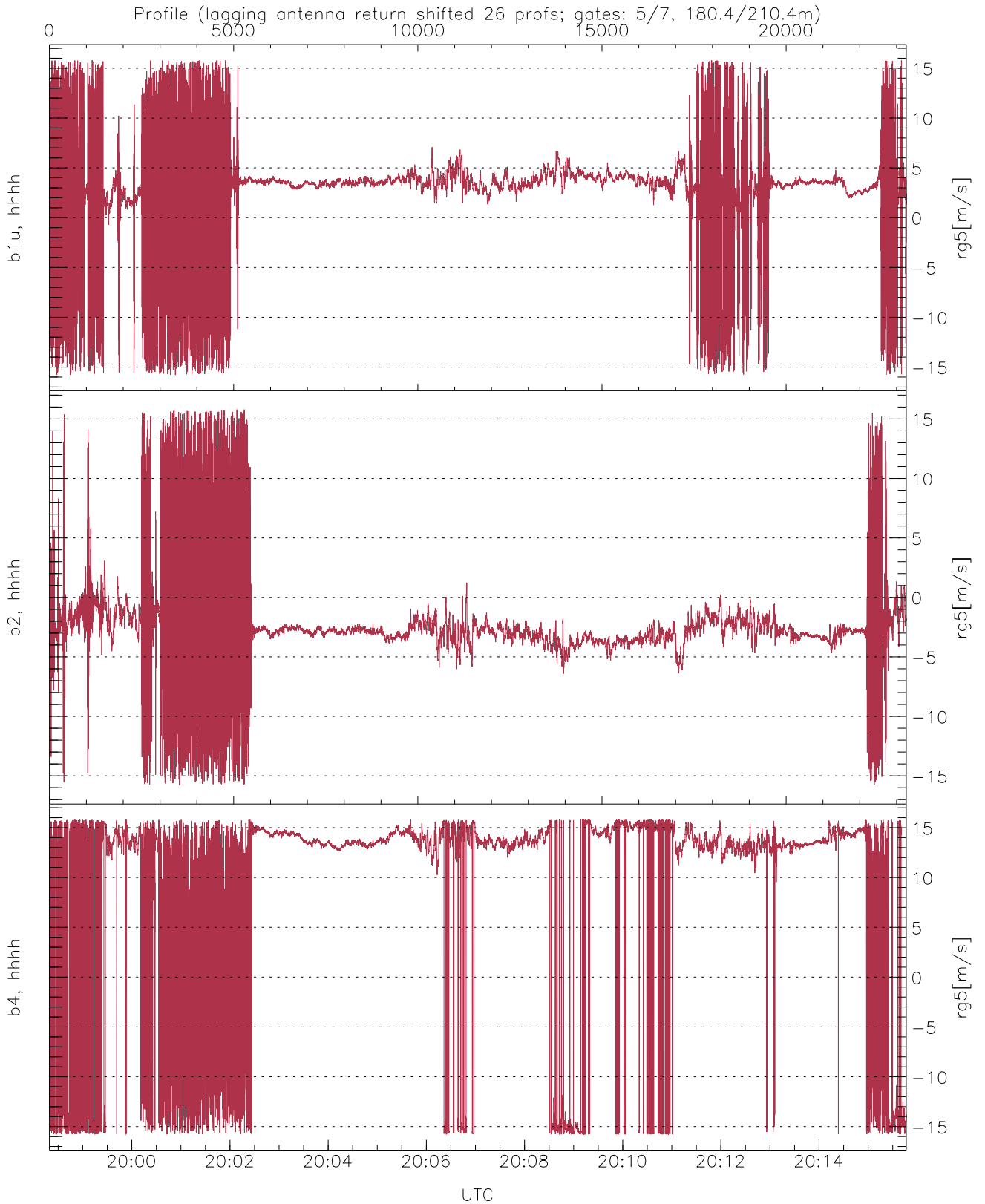
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.47	-2.07	-11.60
down(hh[dBm])	-66.24	-3.43	-12.87
down-fore(hh[dBm])	-65.91	-7.43	-17.12



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

	Min	Max	Mean
up/down (dB)	-44.01	39.17	0.11
down/down-fore (dB)	-21.68	41.65	4.57



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.79	15.79	2.66	4.53
b2, hhhh(rg5[m/s])	-15.79	15.79	-2.36	3.44
b4, hhhh(rg5[m/s])	-15.79	15.79	8.65	10.26