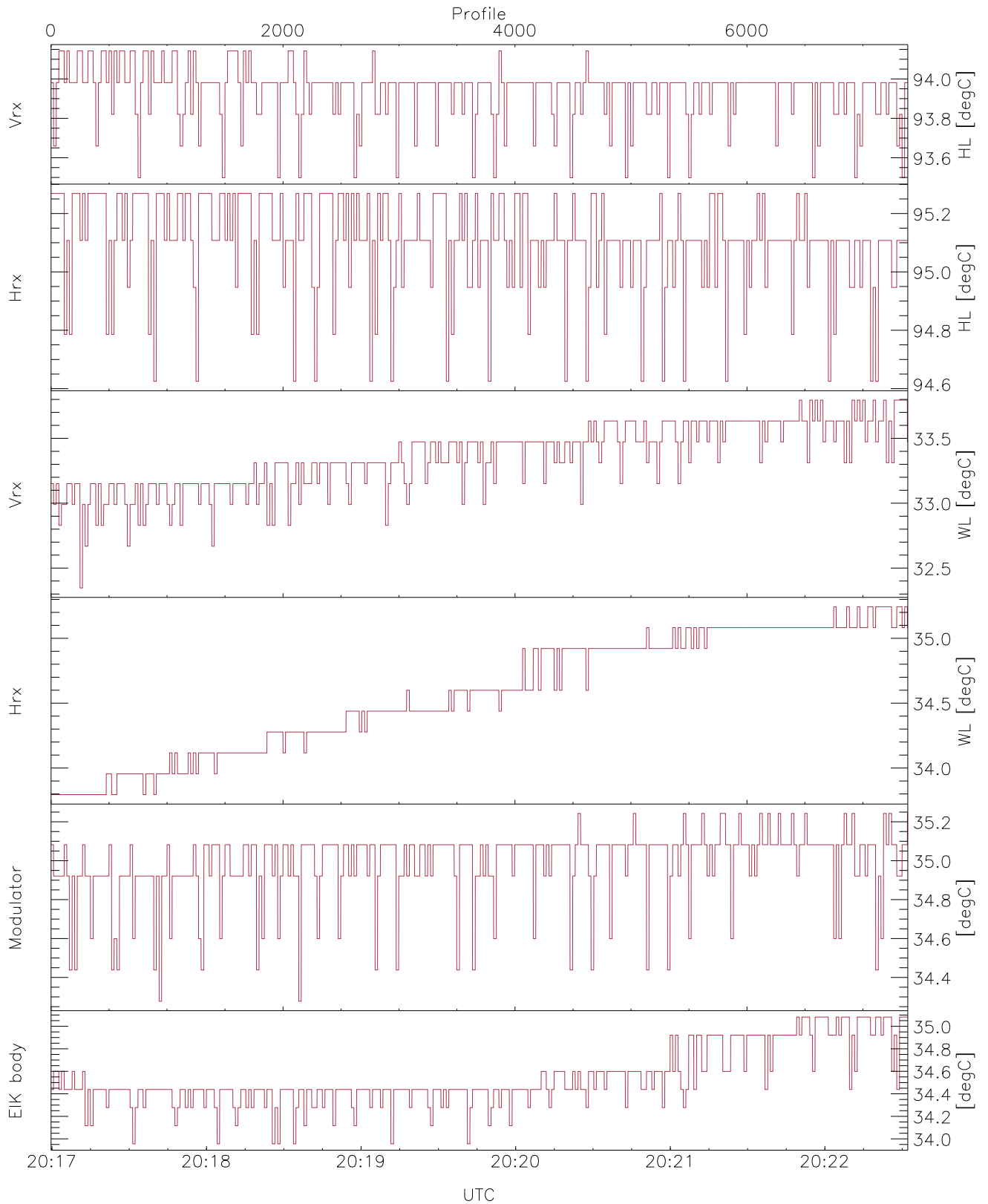


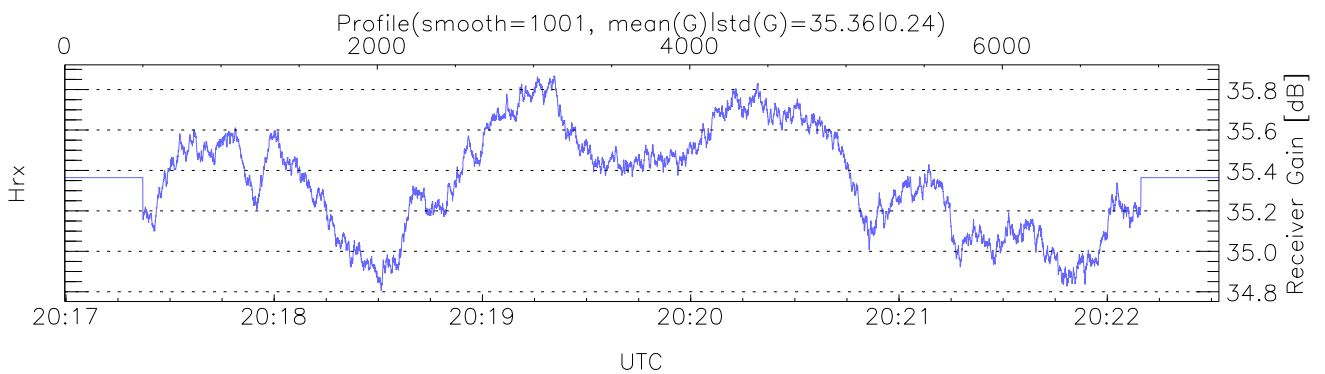
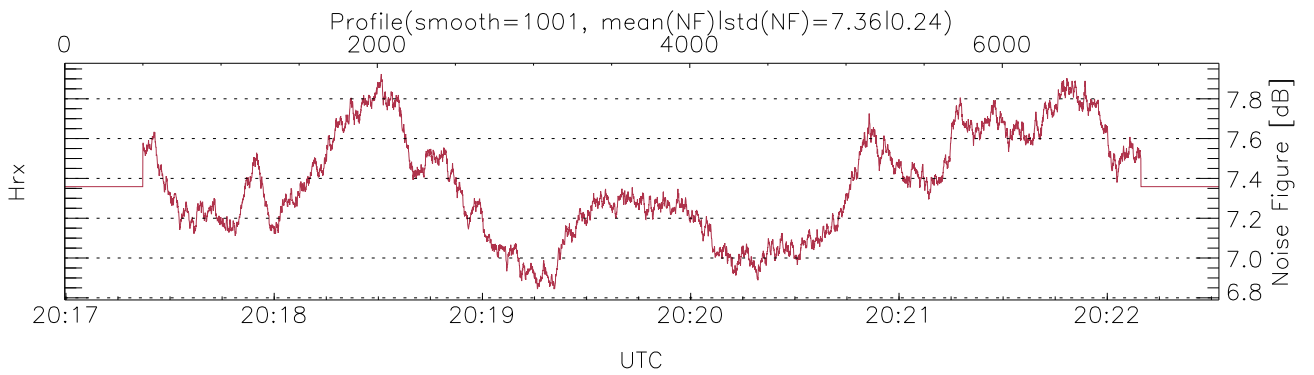
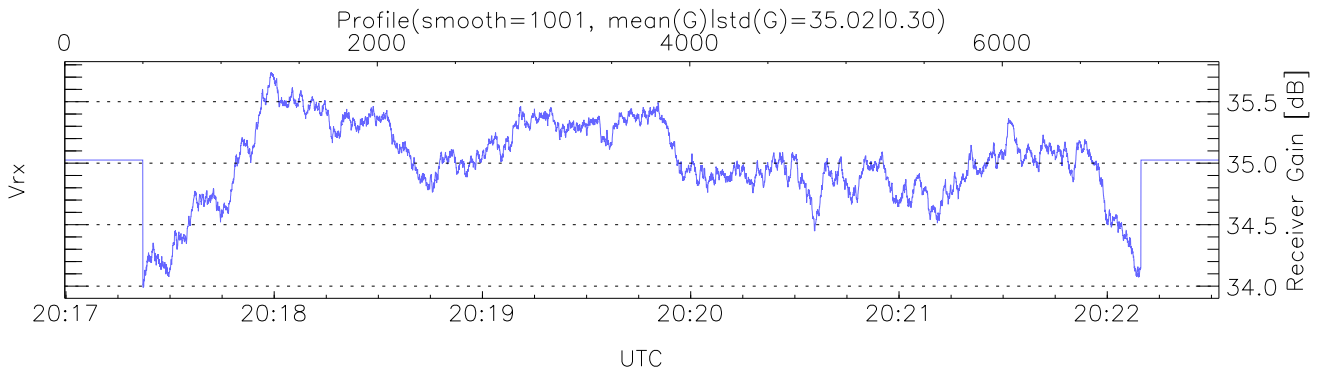
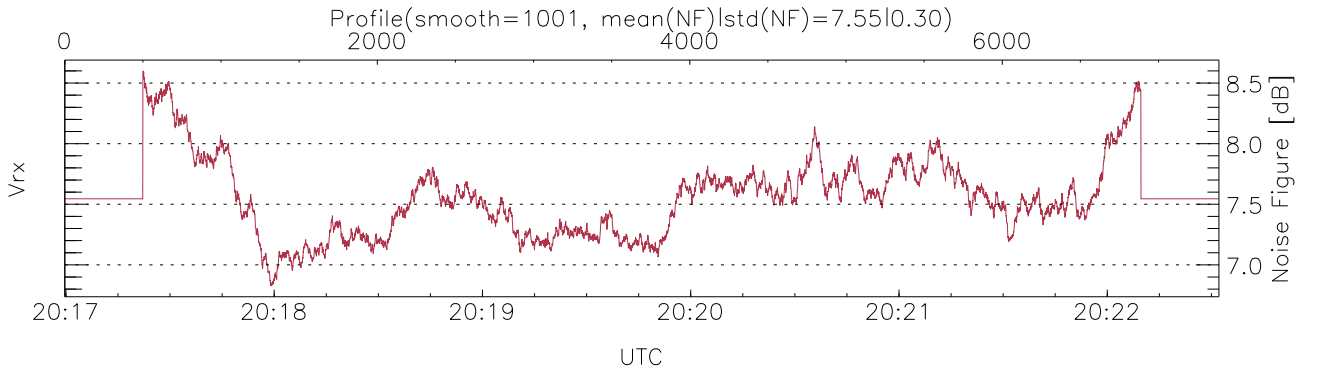
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 20:17:00-20:22:32, TimeCor: 0.00s, Dur: 332.50s  
 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): 7388/7388, 0-7387/20:17:00-20:22:32  
 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



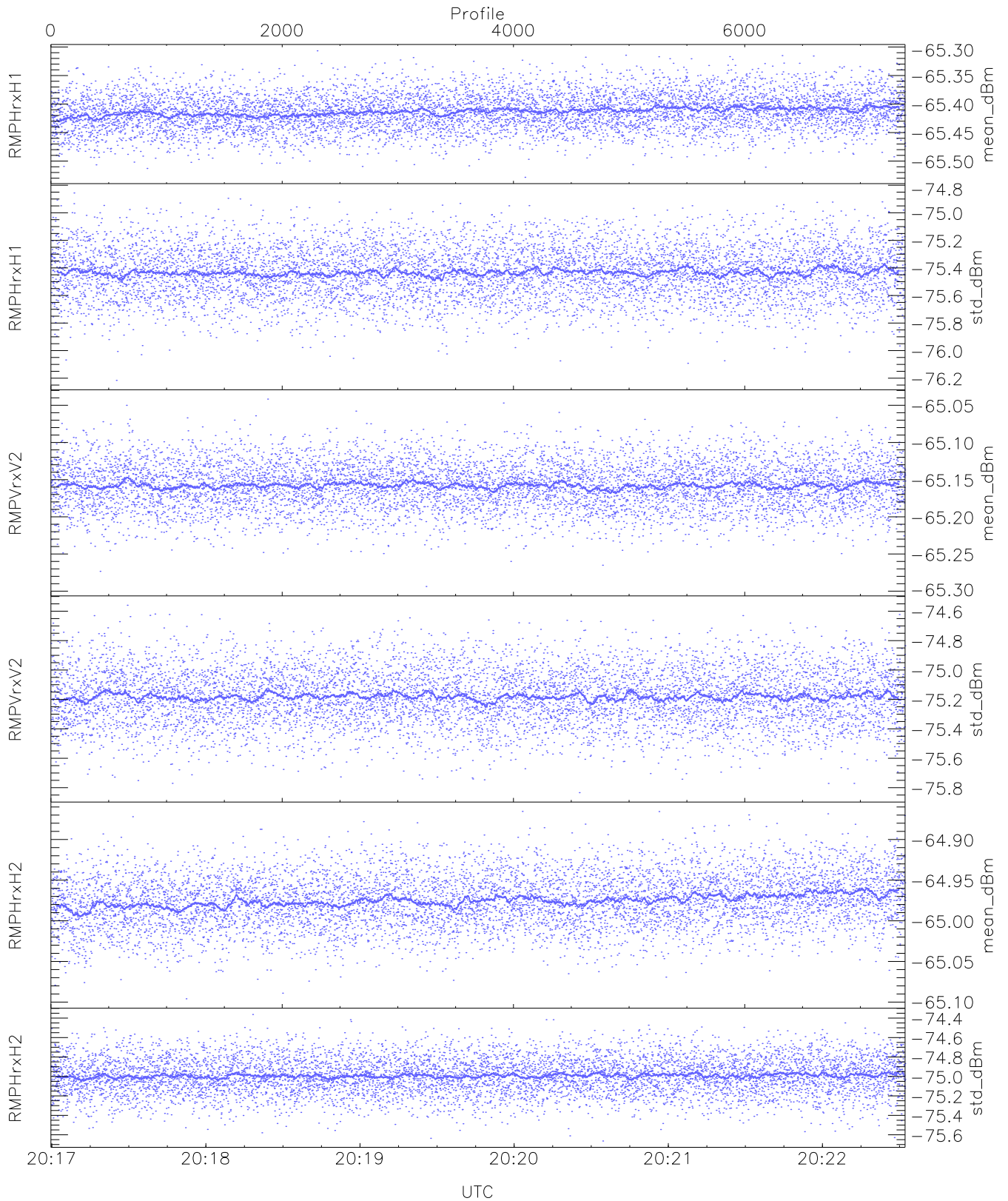
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,32,33,34,33  
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,95,33,35,35,35  
 LOalarm(20,240,2817,14861 MHz): None  
 EIK/Modulator Faults: None



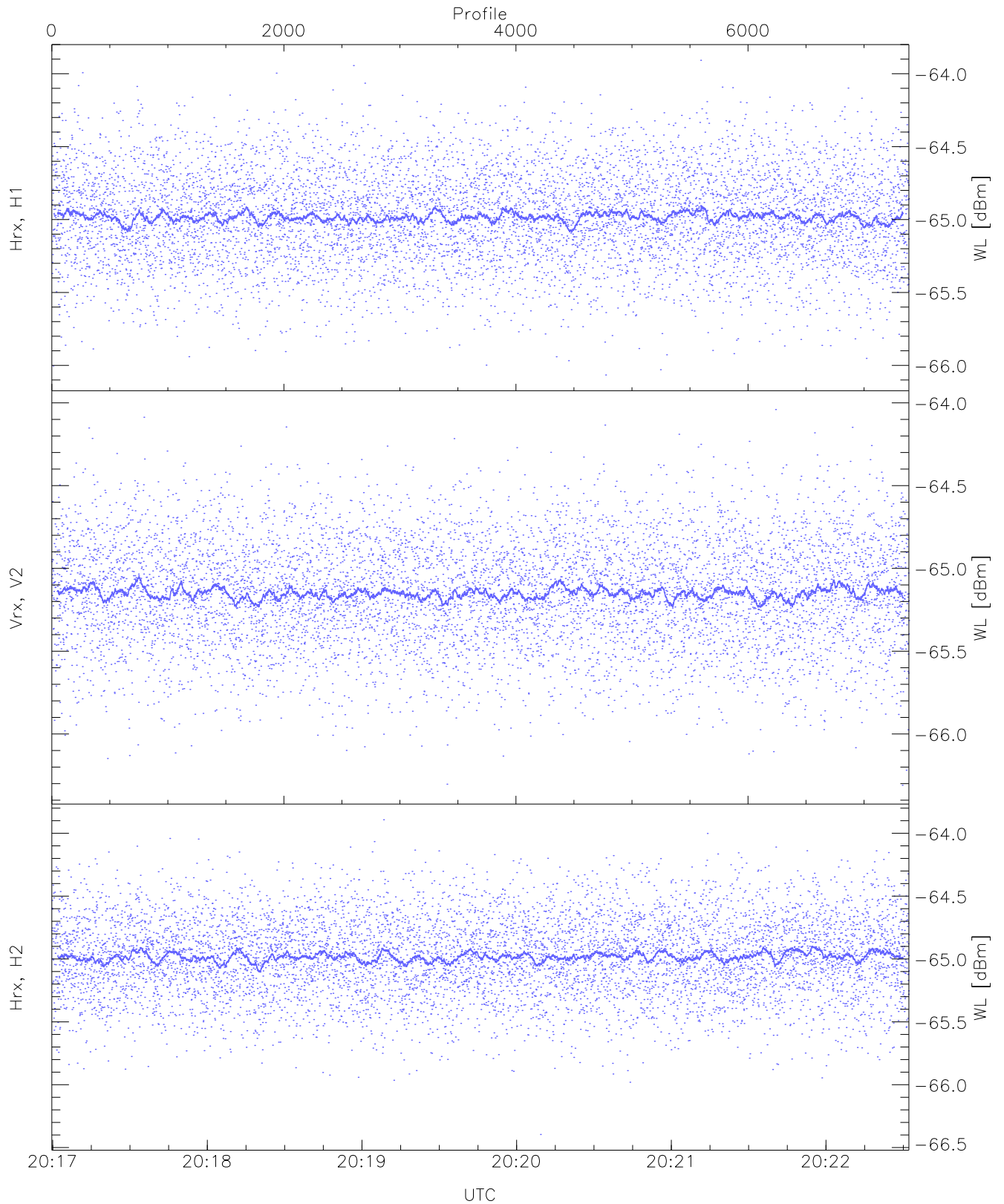
### WCR3 CPP Receivers Gain and Noise Figure

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



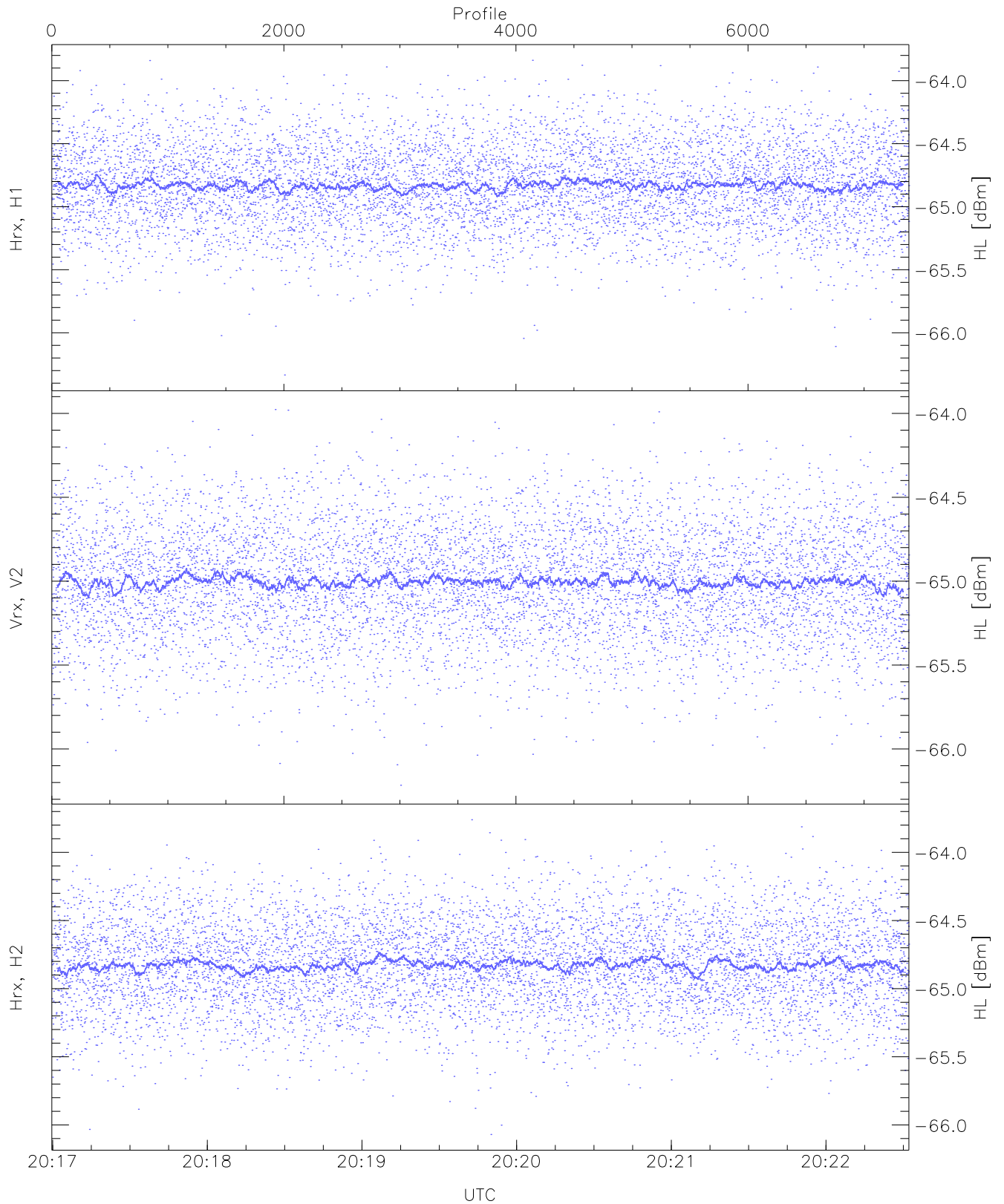
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.53	-65.31	-65.41	-65.41	-86.96
RMPHrxH1(std_dBm)	-76.22	-74.86	-75.43	-75.43	-89.23
RMPVrxV2(mean_dBm)	-65.29	-65.04	-65.16	-65.16	-86.76
RMPVrxV2(std_dBm)	-75.83	-74.56	-75.18	-75.18	-88.97
RMPHrxH2(mean_dBm)	-65.10	-64.87	-64.98	-64.98	-86.44
RMPHrxH2(std_dBm)	-75.66	-74.36	-74.99	-74.99	-88.82



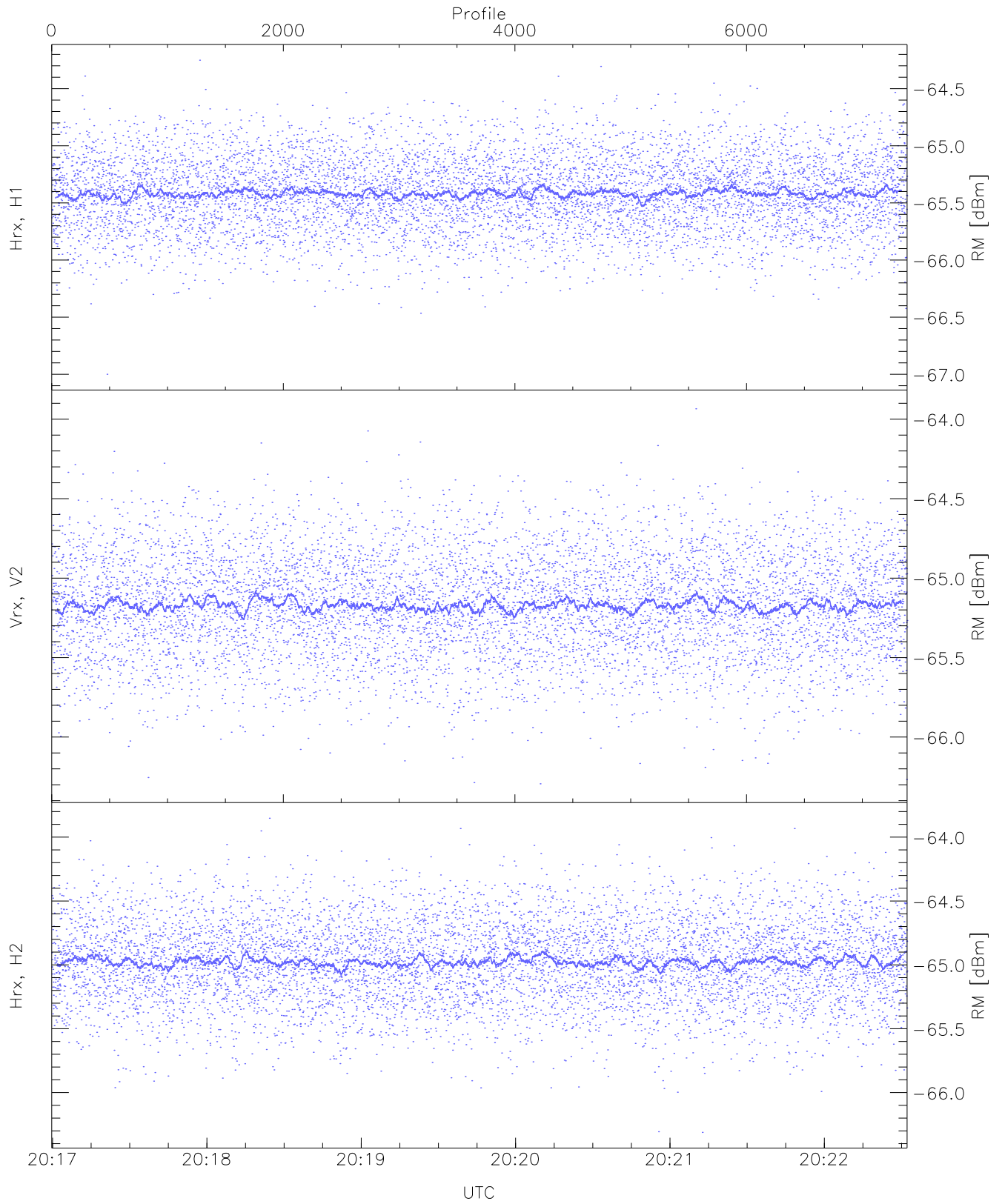
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.07	-63.91	-64.97	-64.98	-76.49
Vrx, V2(WL [dBm])	-66.31	-64.04	-65.14	-65.15	-76.65
Hrx, H2(WL [dBm])	-66.40	-63.89	-64.97	-64.98	-76.52



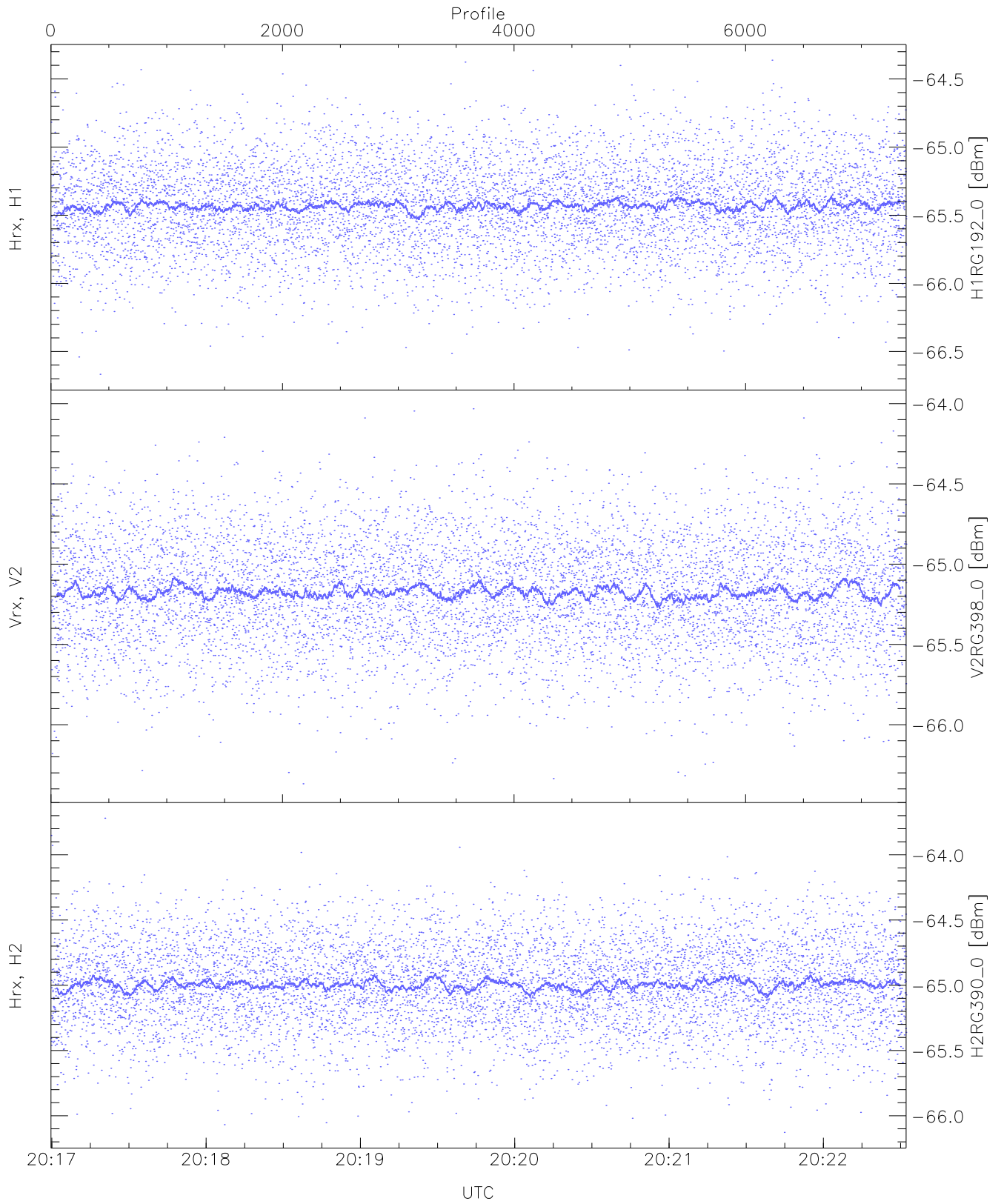
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.34	-63.84	-64.82	-64.83	-76.30
Vrx, V2 (HL [dBm])	-66.22	-63.98	-65.00	-65.01	-76.50
Hrx, H2 (HL [dBm])	-66.07	-63.76	-64.82	-64.83	-76.36



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

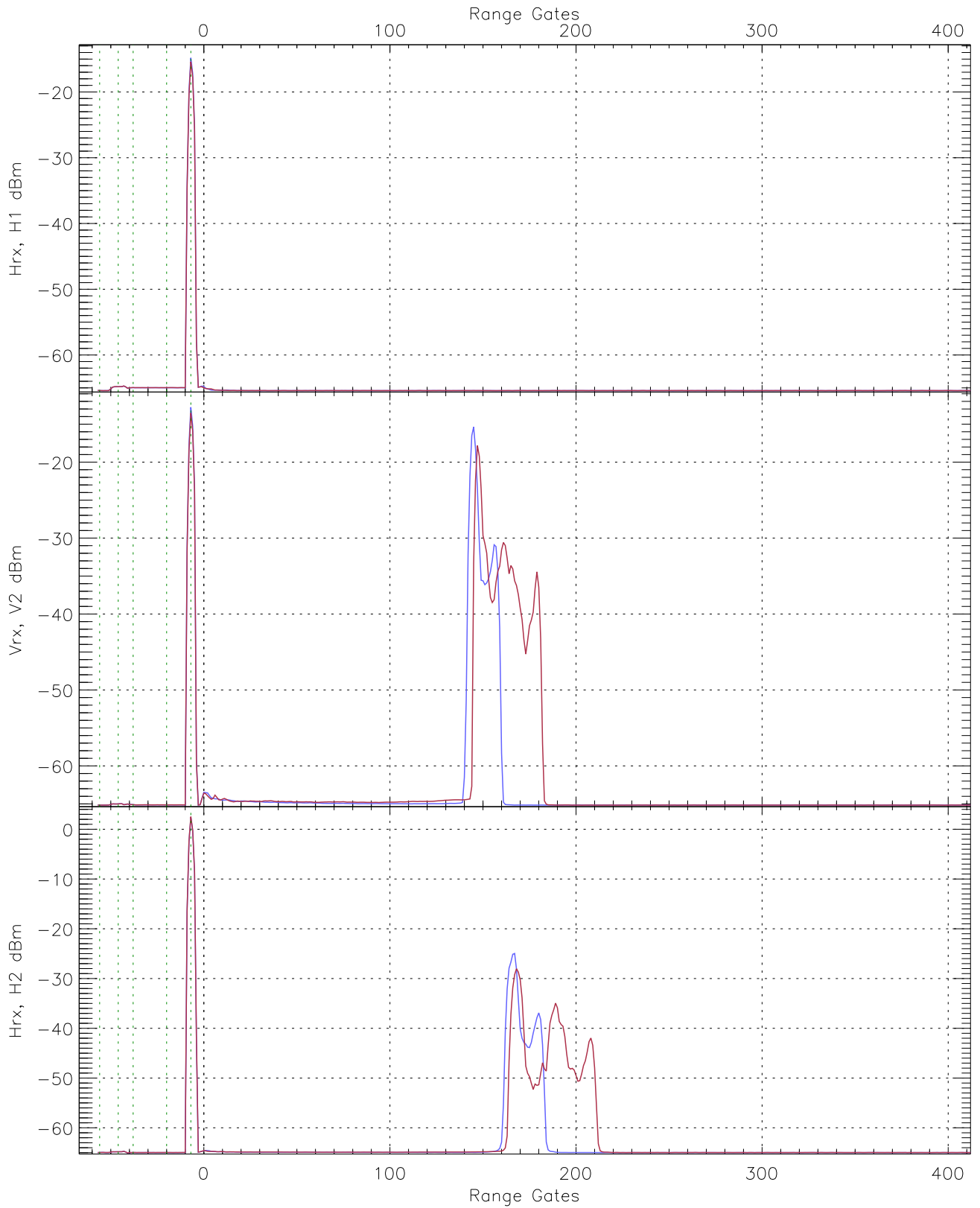
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-67.00	-64.25	-65.41	-65.42	-76.90
Vrx, V2 (RM [dBm])	-66.29	-63.93	-65.16	-65.17	-76.71
Hrx, H2 (RM [dBm])	-66.31	-63.85	-64.97	-64.98	-76.49



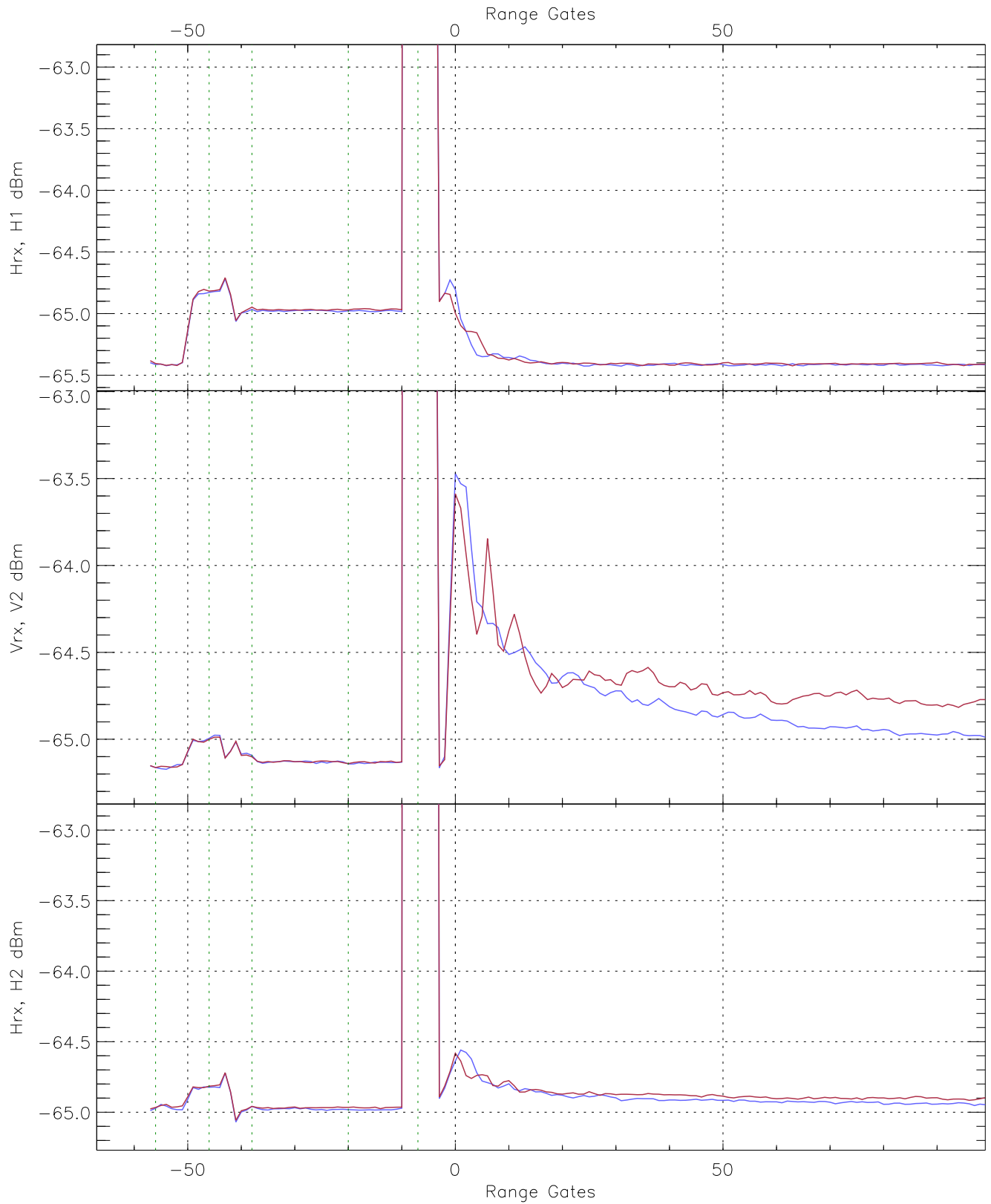
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG192_0 [dBm]	-66.67	-64.36	-65.42	-65.42	-76.95
V2RG398_0 [dBm]	-66.37	-64.03	-65.17	-65.17	-76.63
H2RG390_0 [dBm]	-66.13	-63.72	-64.99	-65.00	-76.52

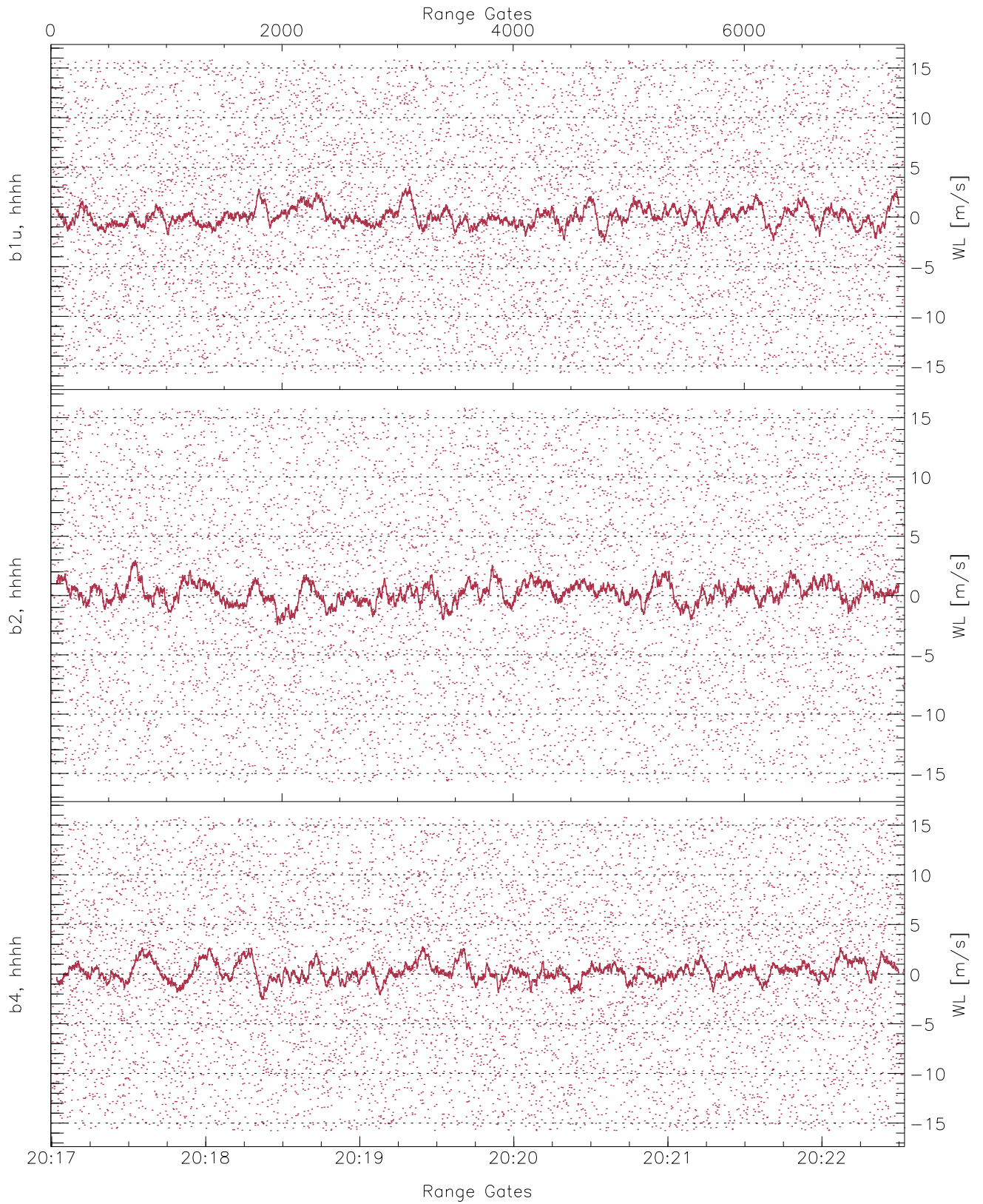




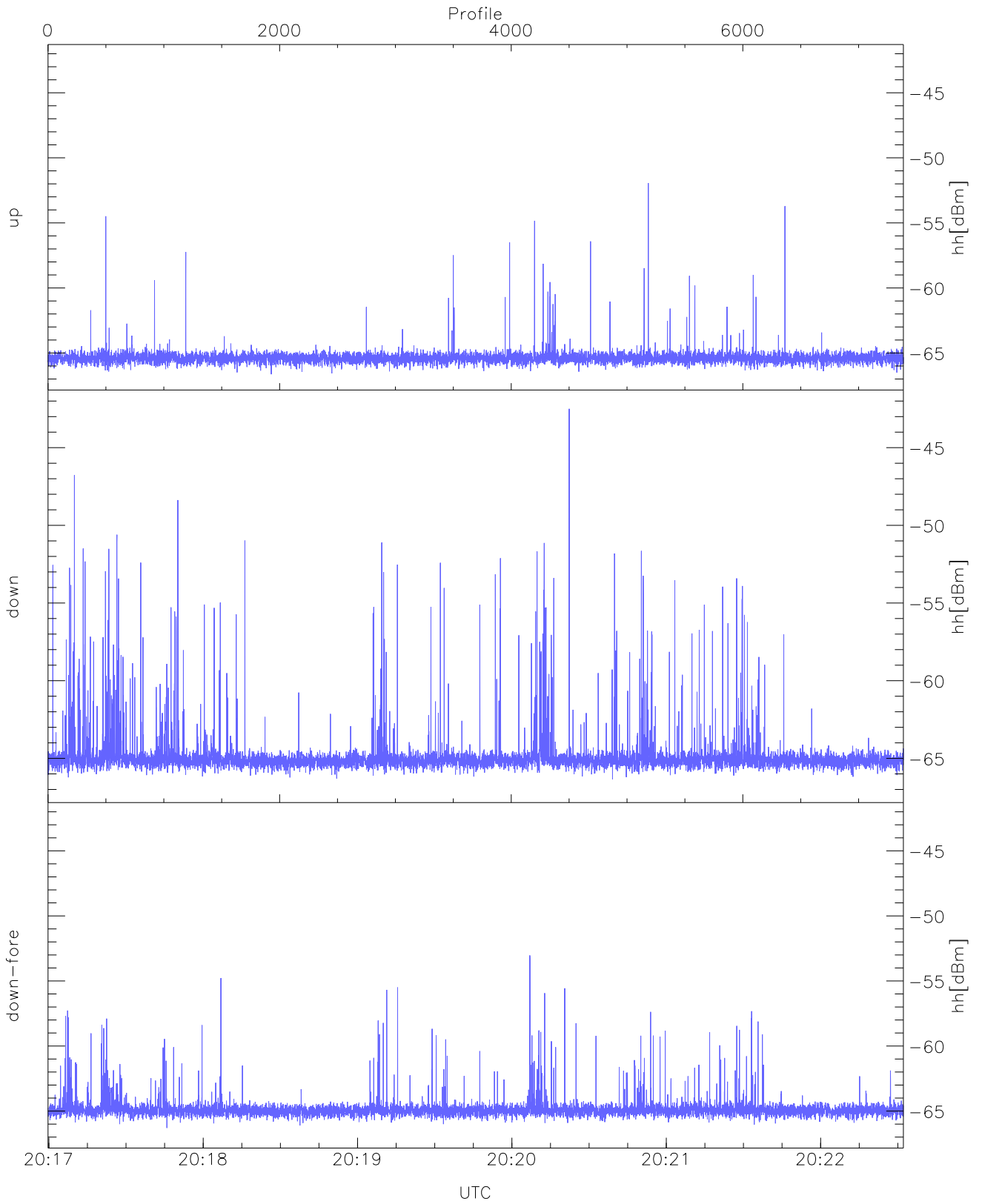
WCR3 CPP Averaged Received power for all recorded gates  
blue: 201700-201946, 3695 profiles averaged  
red: 201946-202232, 3694 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 201700-201946, 3695 profiles averaged  
red: 201946-202232, 3694 profiles averaged

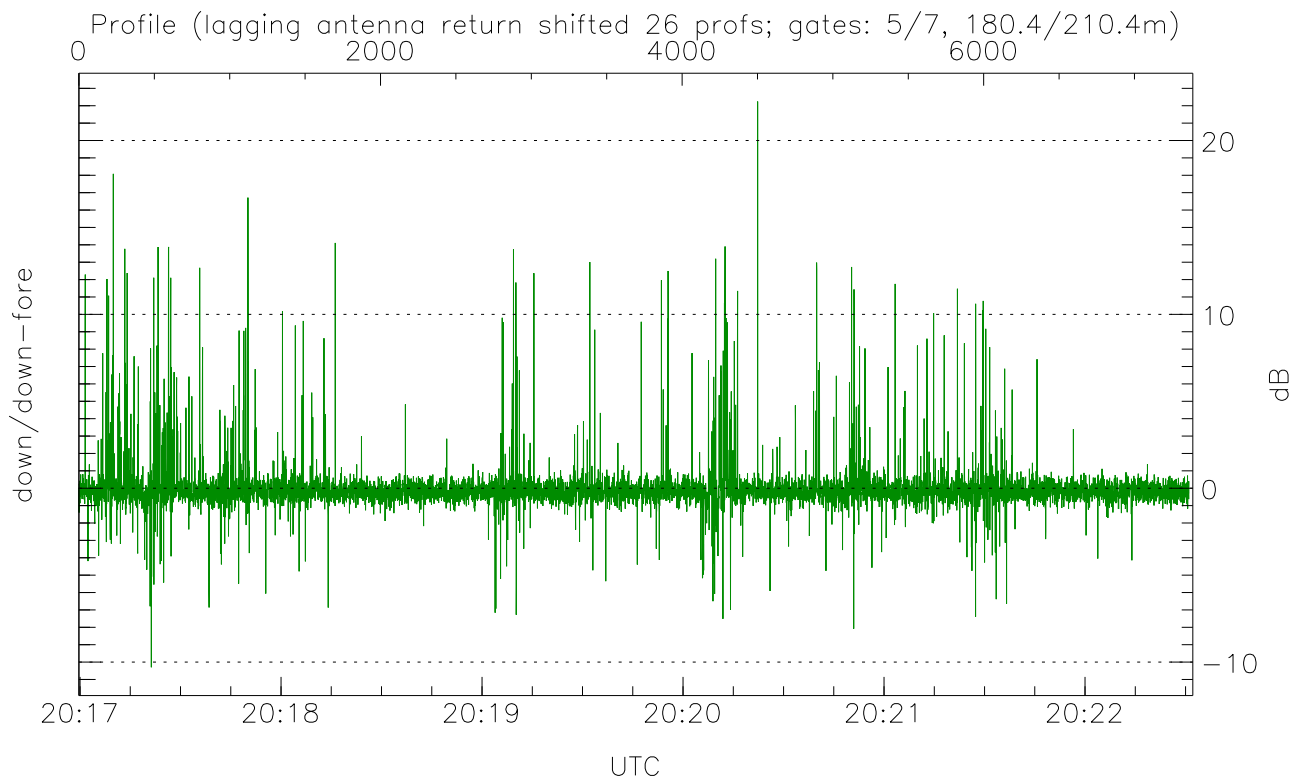
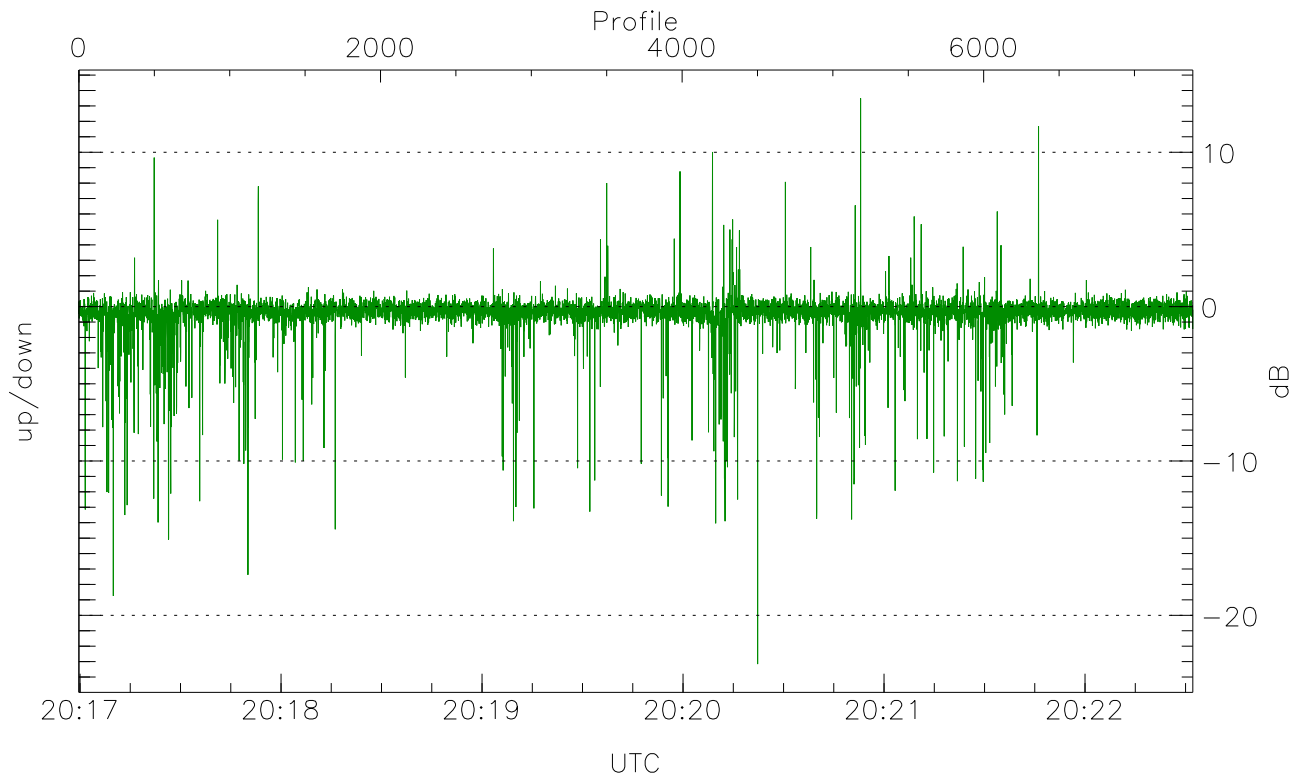


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



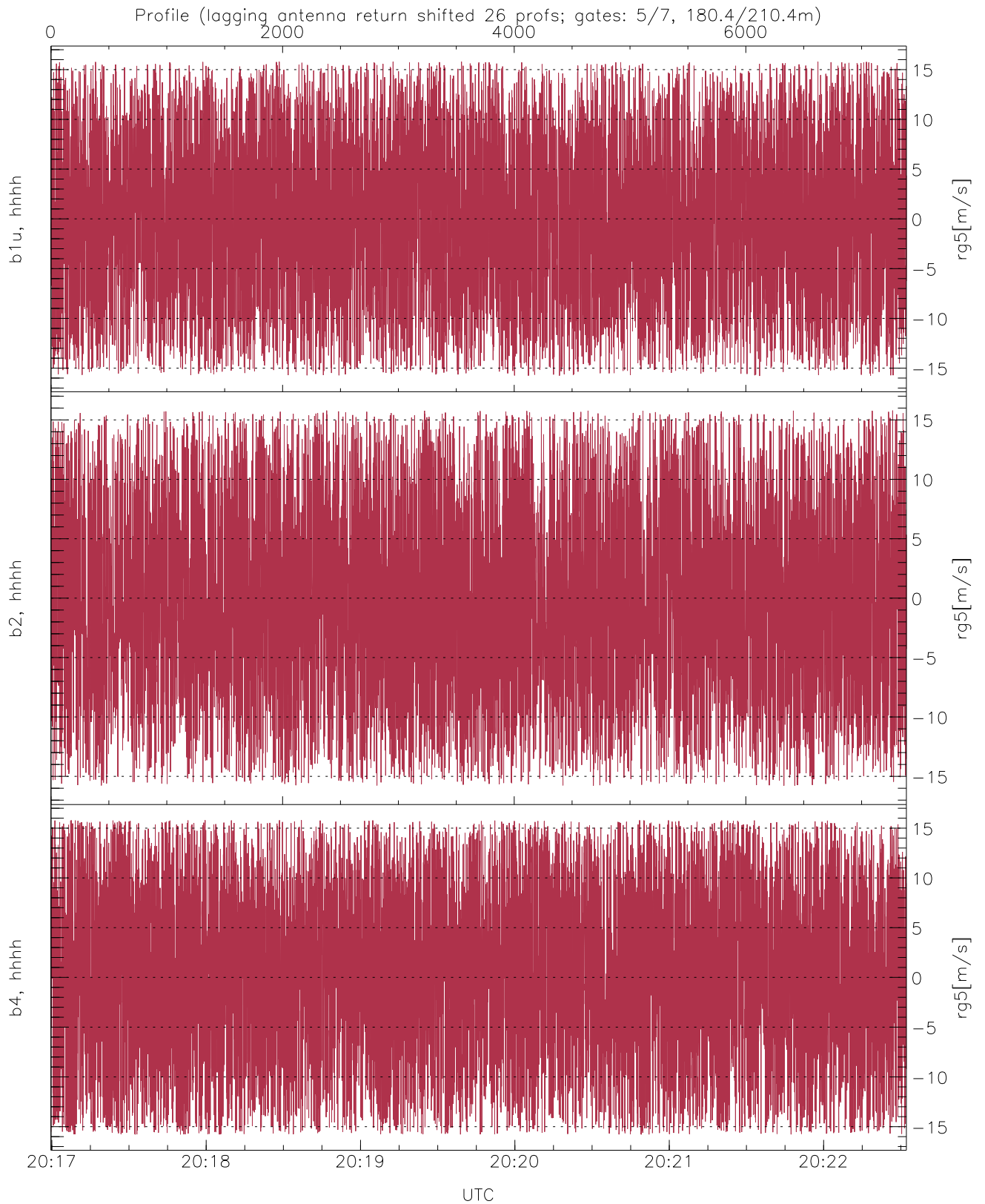
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.64	-51.94	-65.30
down(hh[dBm])	-66.35	-42.50	-64.27
down-fore(hh[dBm])	-66.30	-53.03	-64.76



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

	Min	Max	Mean
up/down (dB)	-23.16	13.49	-0.49
down/down-fore (dB)	-10.30	22.24	-0.00



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	-0.00	8.52
b2, hhhh(rg5[m/s])	-15.78	15.79	-0.39	8.30
b4, hhhh(rg5[m/s])	-15.78	15.79	0.08	9.18