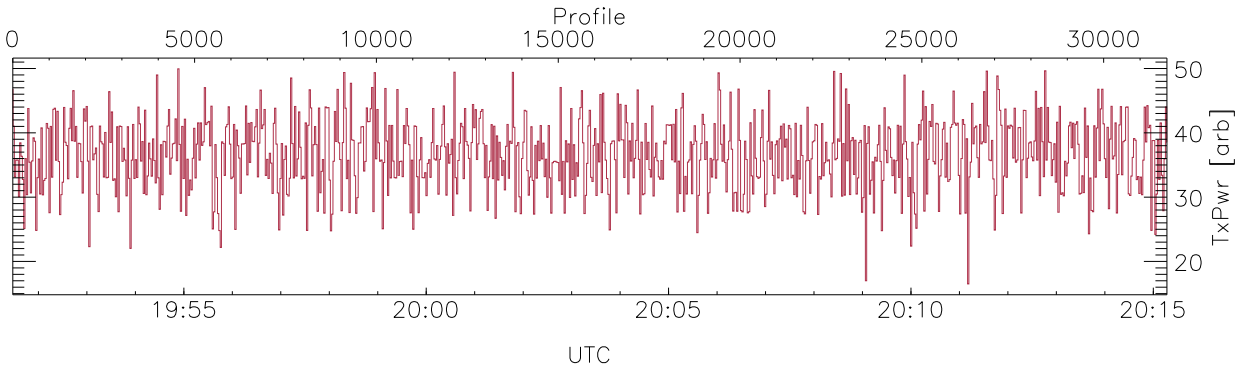
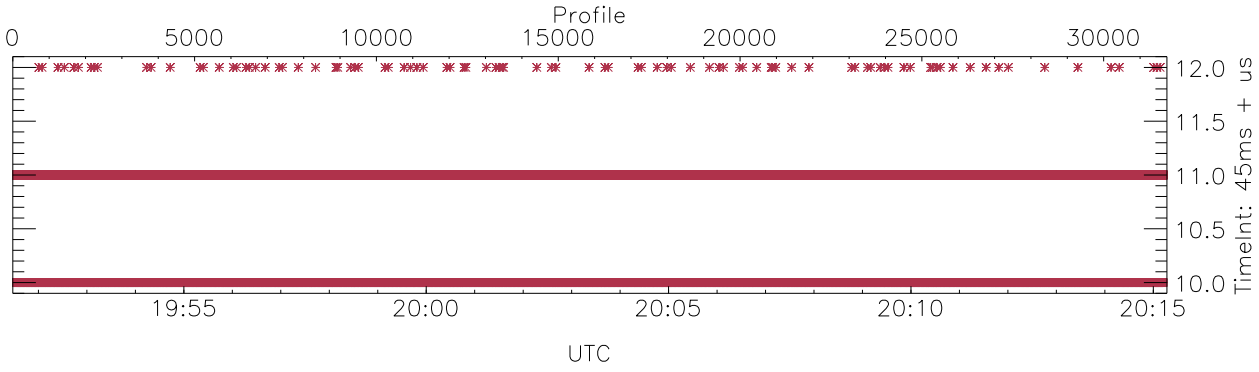
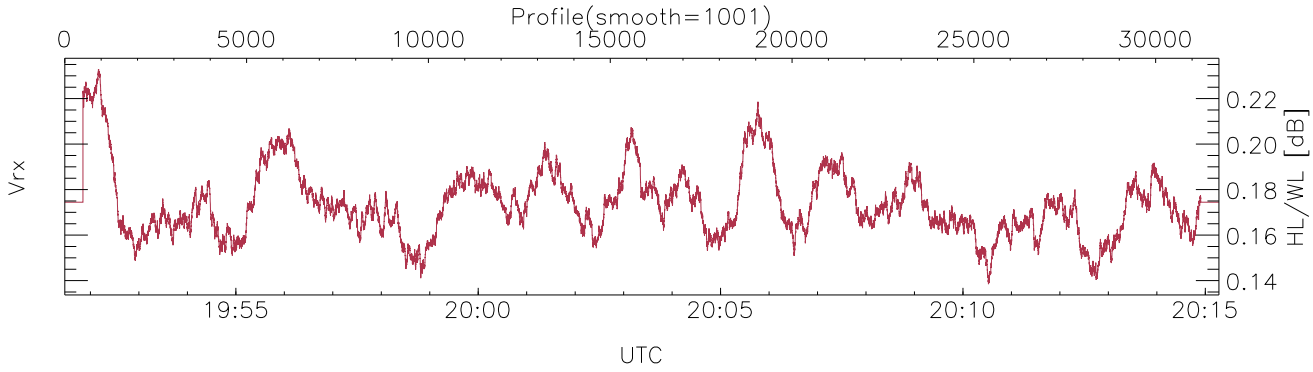
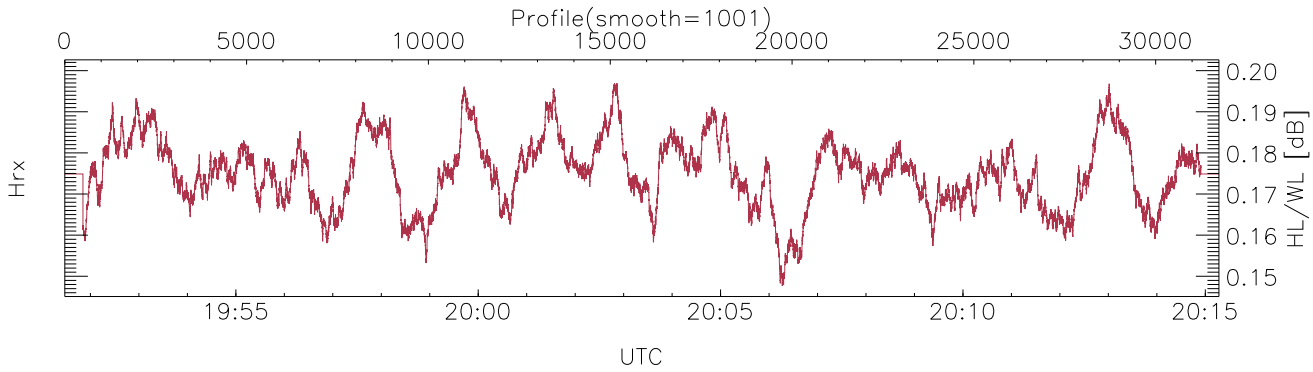


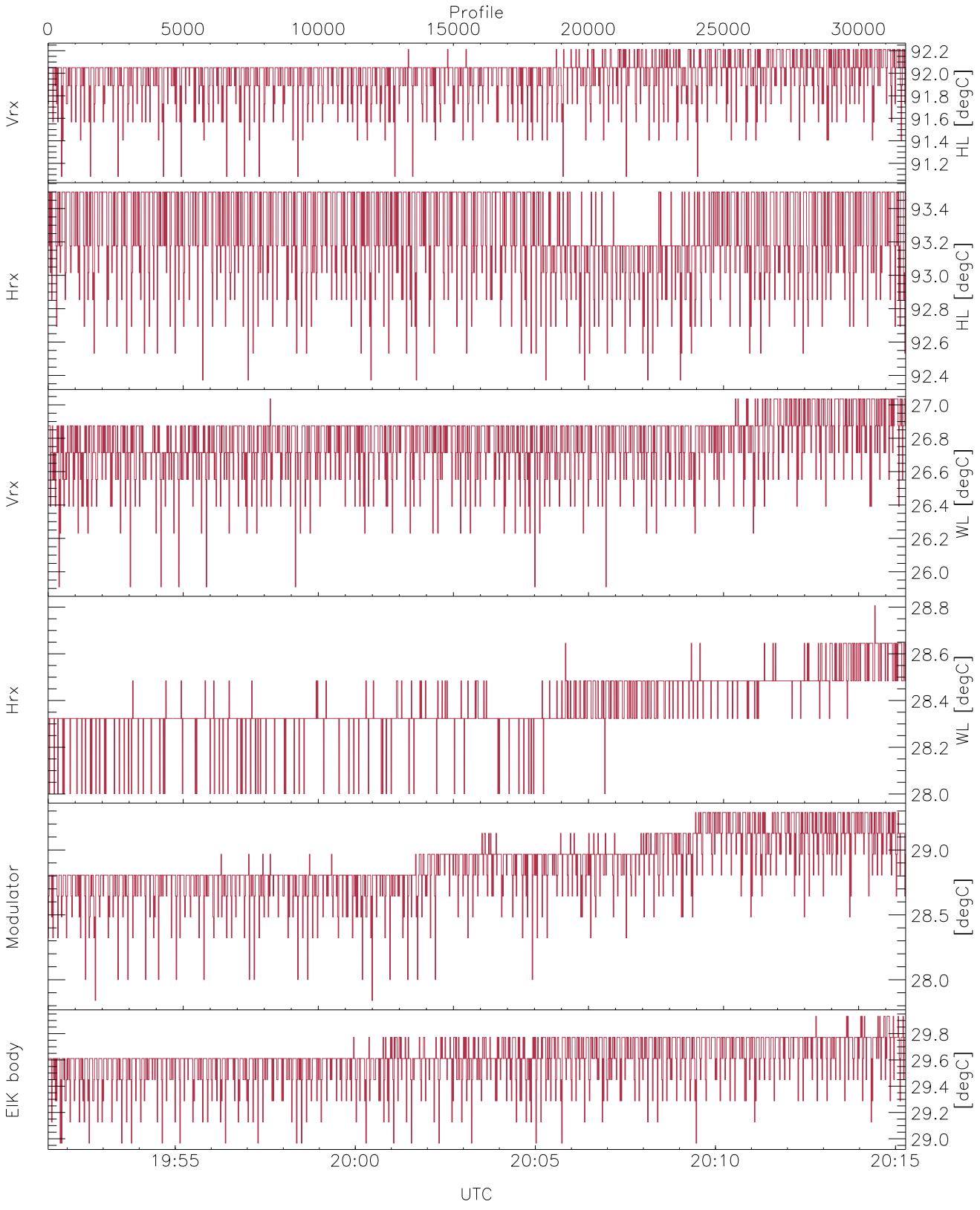






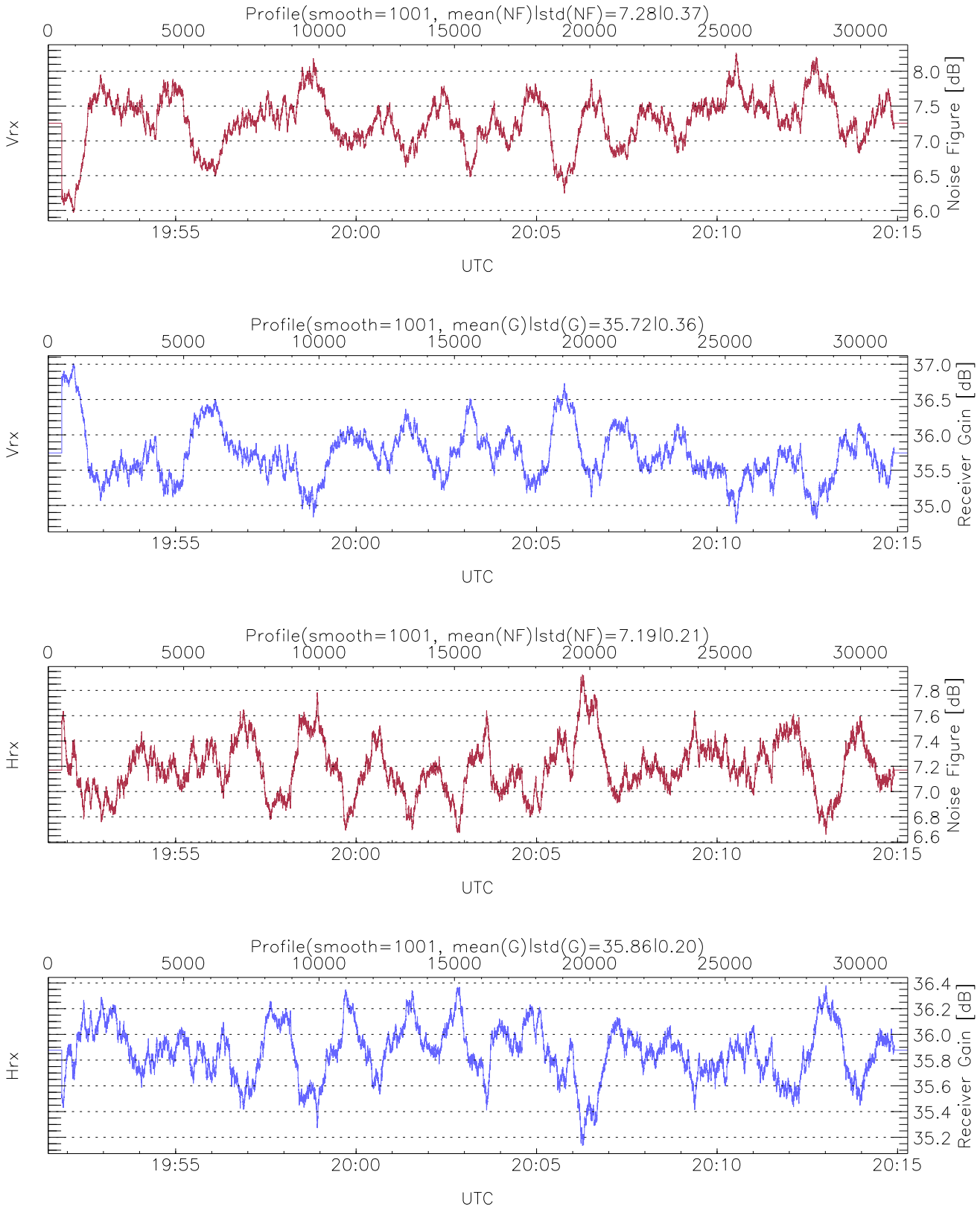
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 19:51:28-20:15:17, TimeCor: 0.00s, Dur: 1428.66s
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): 31741/31741, 0-31740/19:51:28-20:15:17
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,rgs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7
Mirror(-9|0|1|2,3,9x = no mirror|sideluplerror): 1



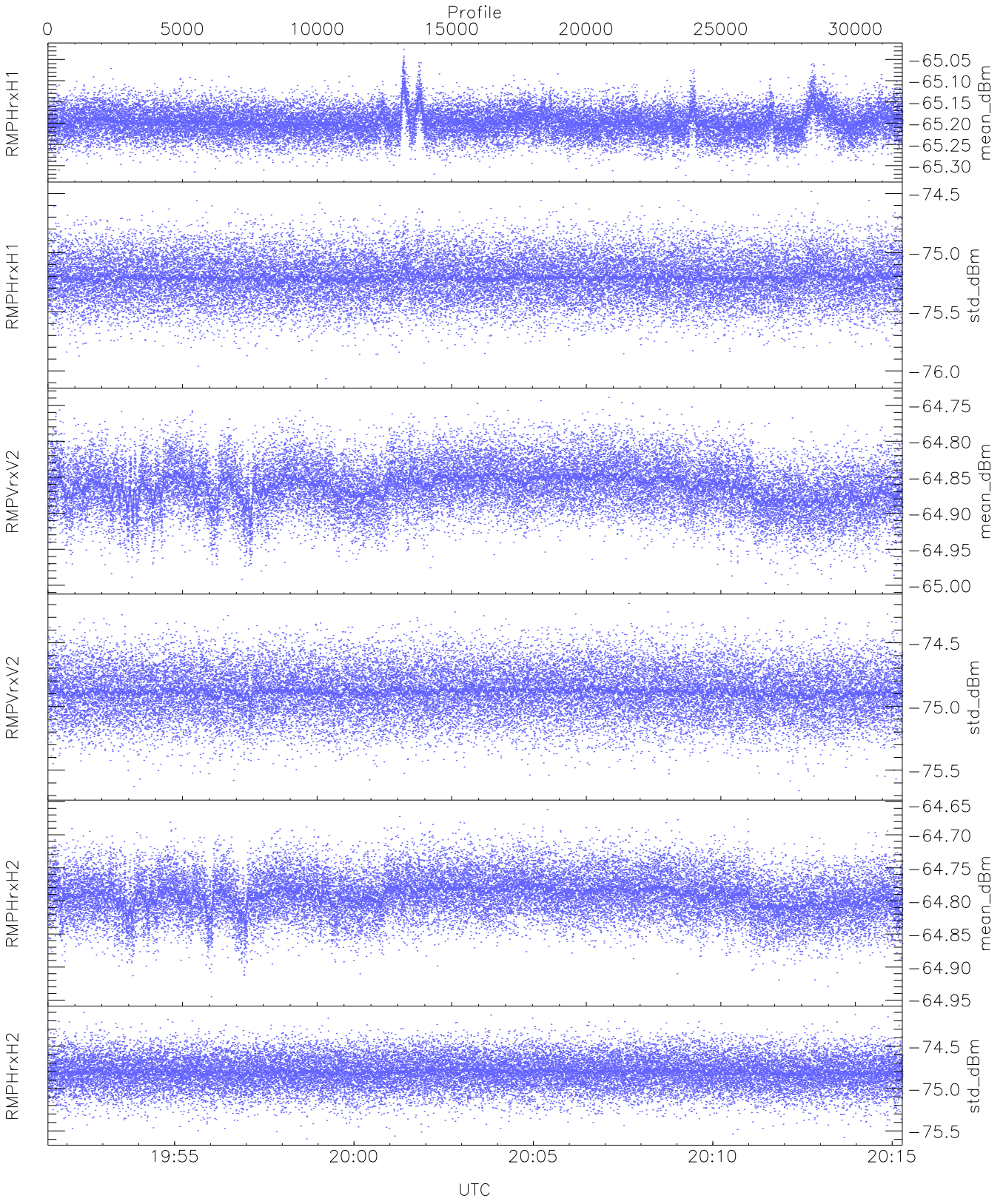
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,25,28,27,28
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,27,28,29,29
LOalarm(20,240,2817,14861 MHz): 0,0,24,0
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (23,23,45,45,23,23)



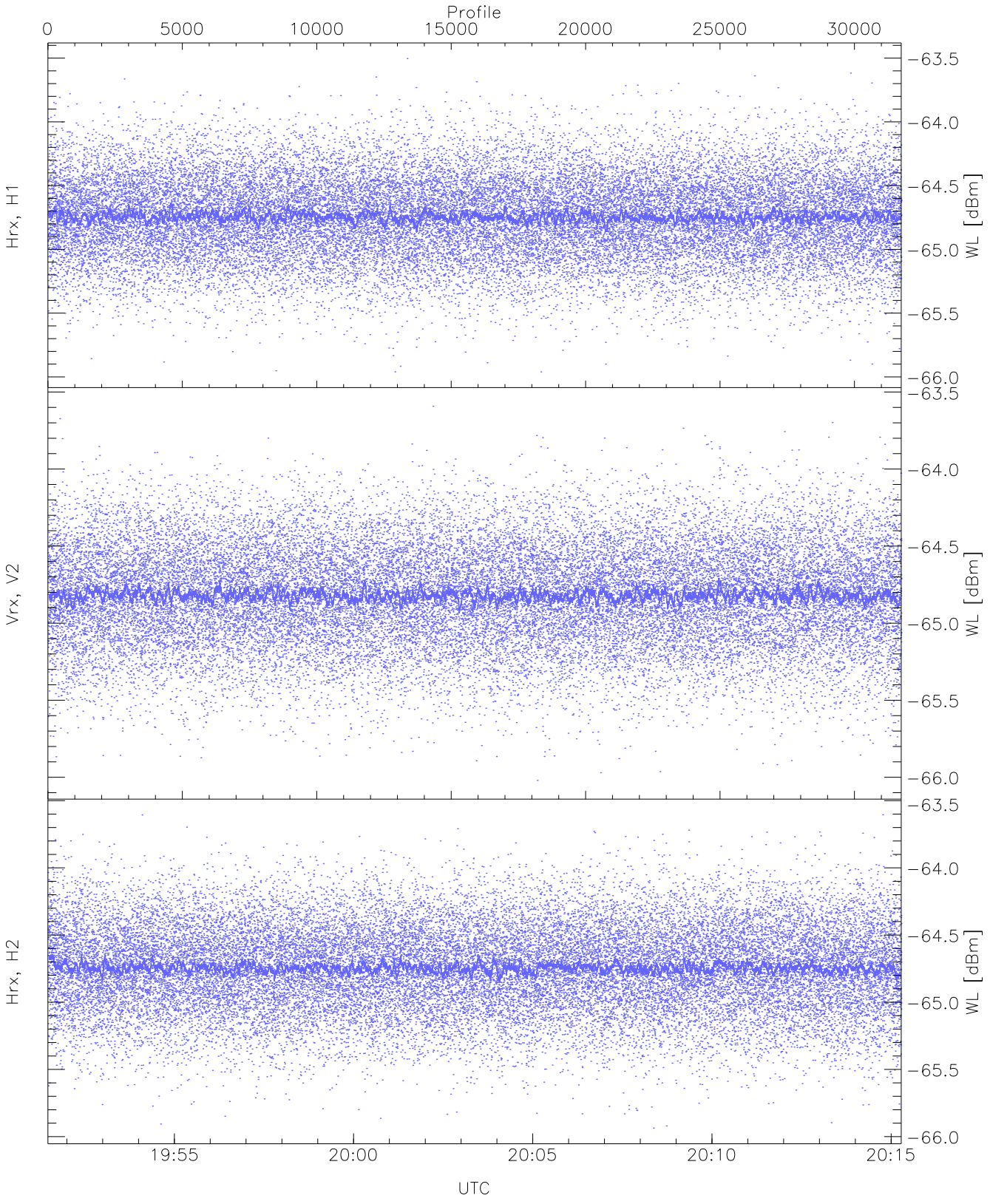
WCR3 CPP Receivers Gain and Noise Figure

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



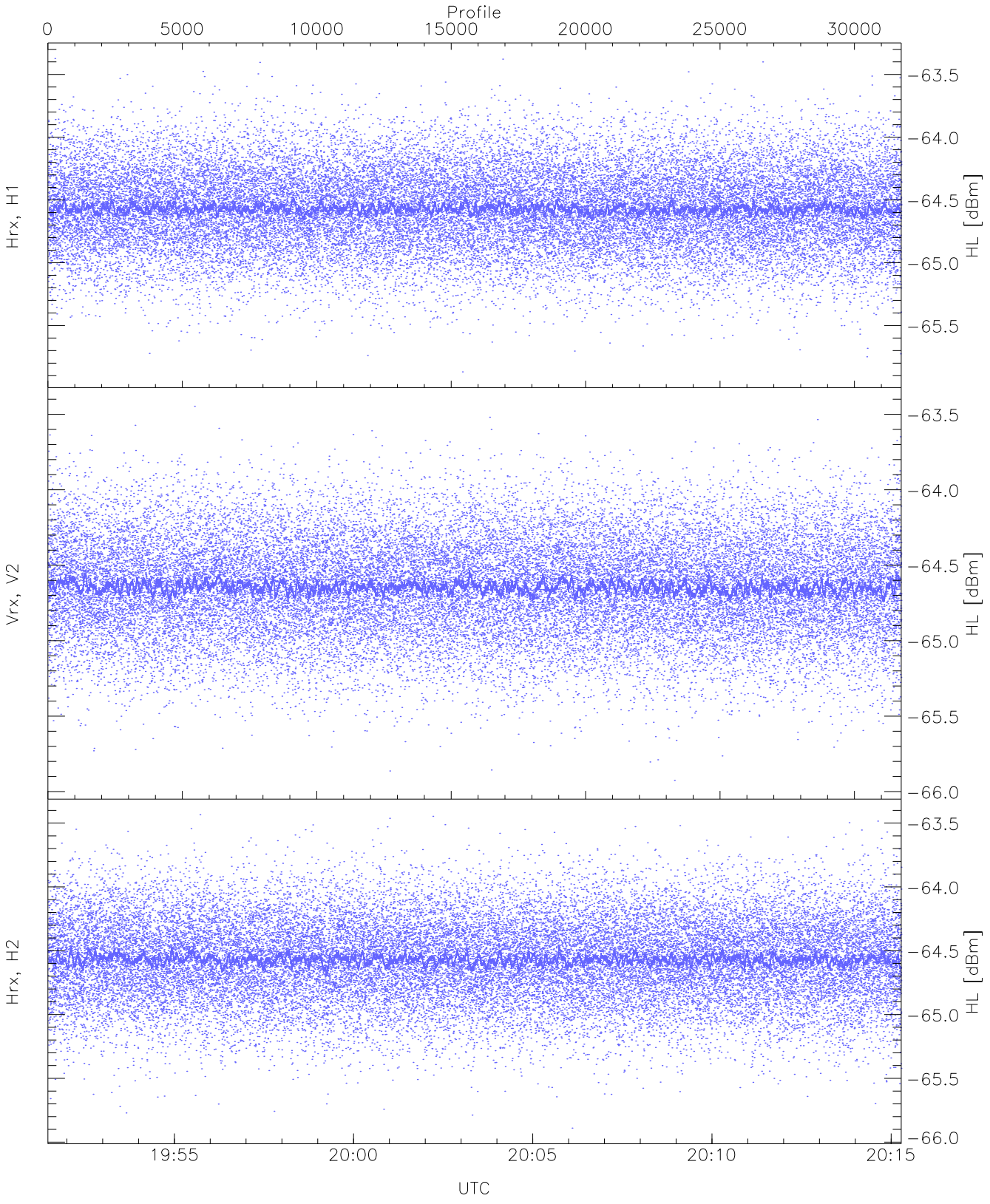
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.32	-65.03	-65.20	-65.20	-86.46
RMPHrxH1(std_dBm)	-76.07	-74.48	-75.21	-75.21	-89.01
RMPVrxV2(mean_dBm)	-65.00	-64.74	-64.86	-64.86	-86.01
RMPVrxV2(std_dBm)	-75.66	-74.19	-74.88	-74.89	-88.64
RMPHrxH2(mean_dBm)	-64.94	-64.66	-64.79	-64.79	-86.10
RMPHrxH2(std_dBm)	-75.59	-74.10	-74.81	-74.81	-88.59



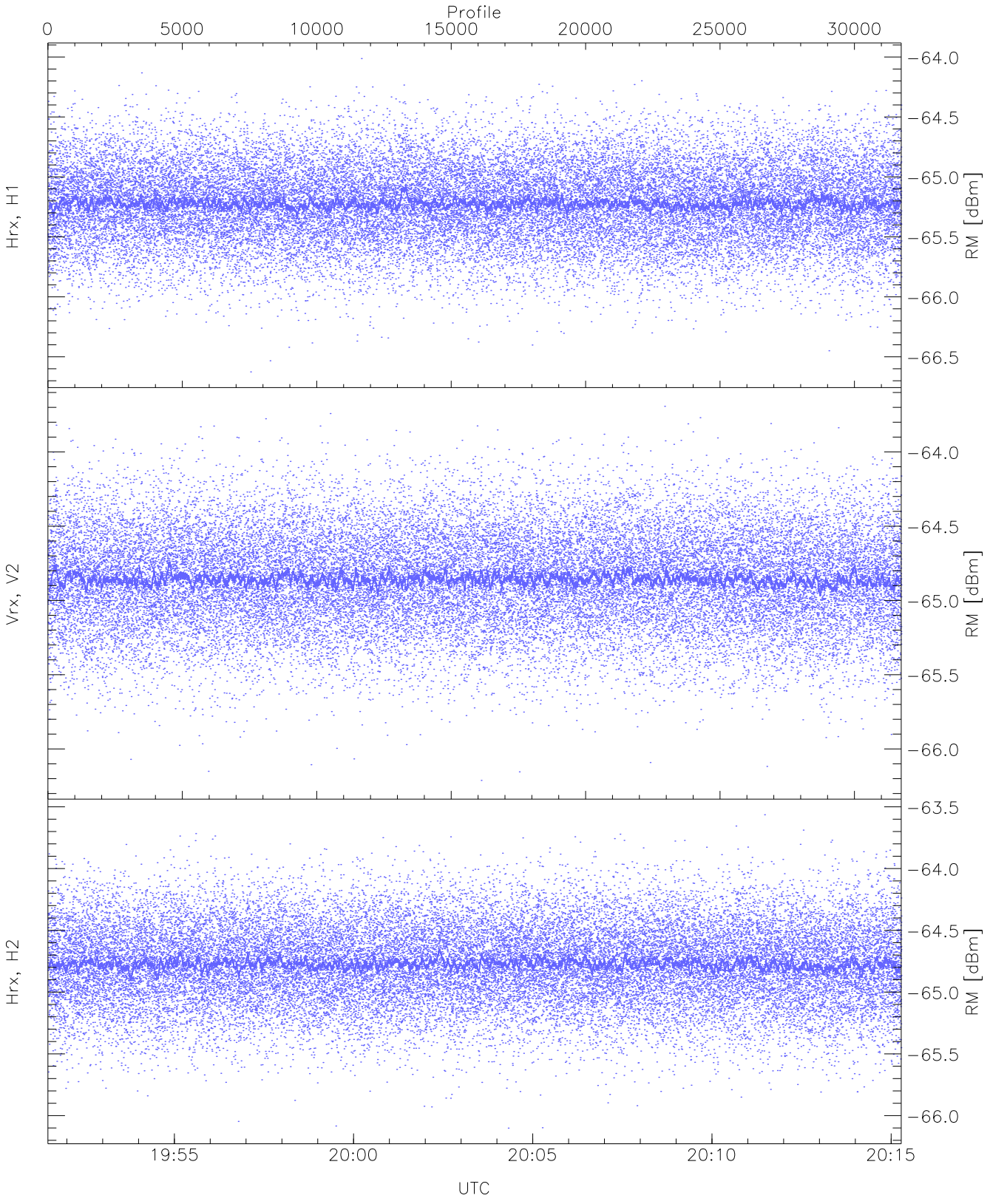
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-65.96	-63.50	-64.74	-64.74	-76.27
Vrx, V2(WL [dBm])	-66.02	-63.59	-64.81	-64.82	-76.33
Hrx, H2(WL [dBm])	-65.94	-63.60	-64.74	-64.75	-76.27



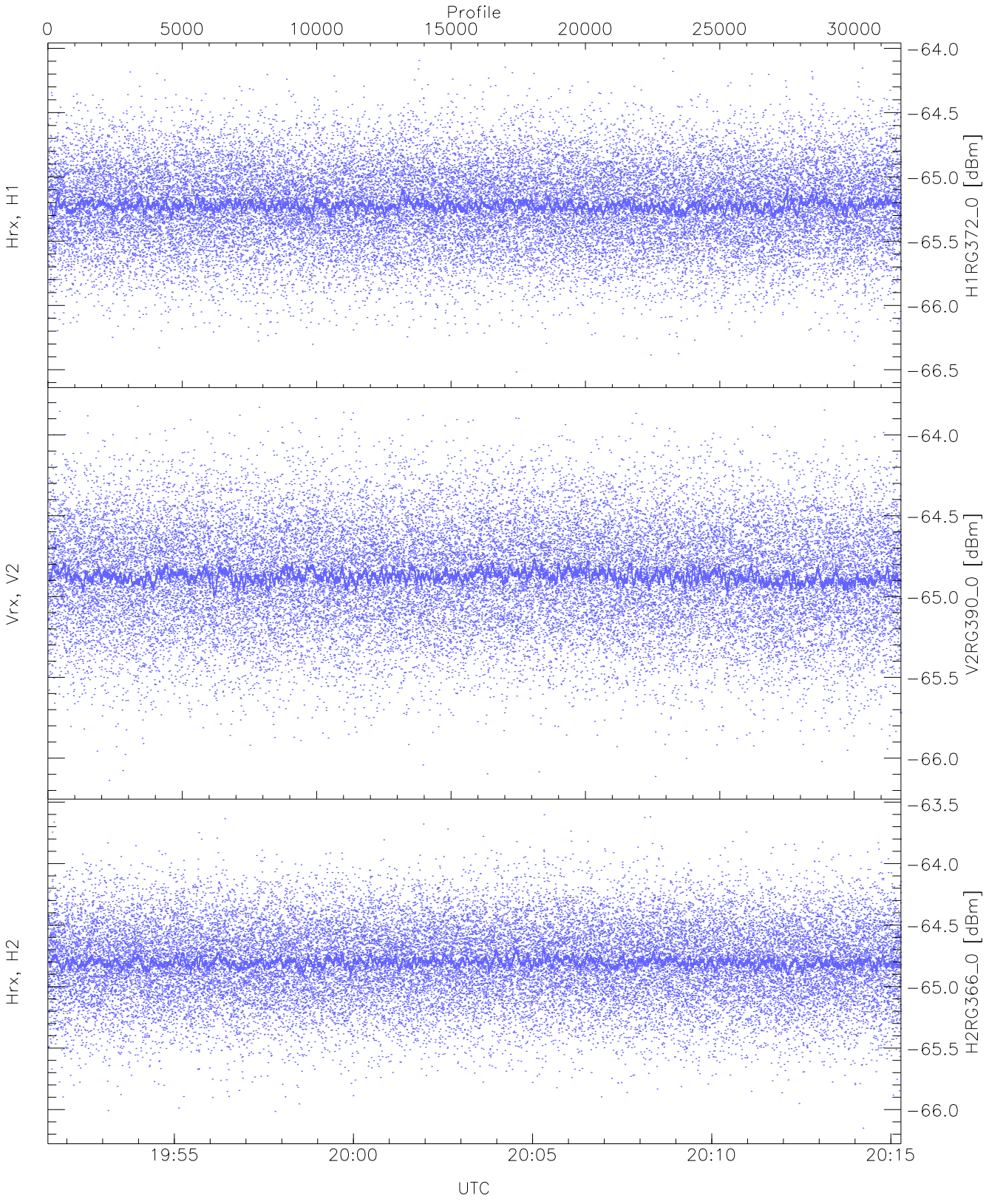
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.87	-63.37	-64.56	-64.57	-76.06
Vrx, V2(HL [dBm])	-65.93	-63.45	-64.64	-64.64	-76.15
Hrx, H2(HL [dBm])	-65.89	-63.43	-64.56	-64.57	-76.05



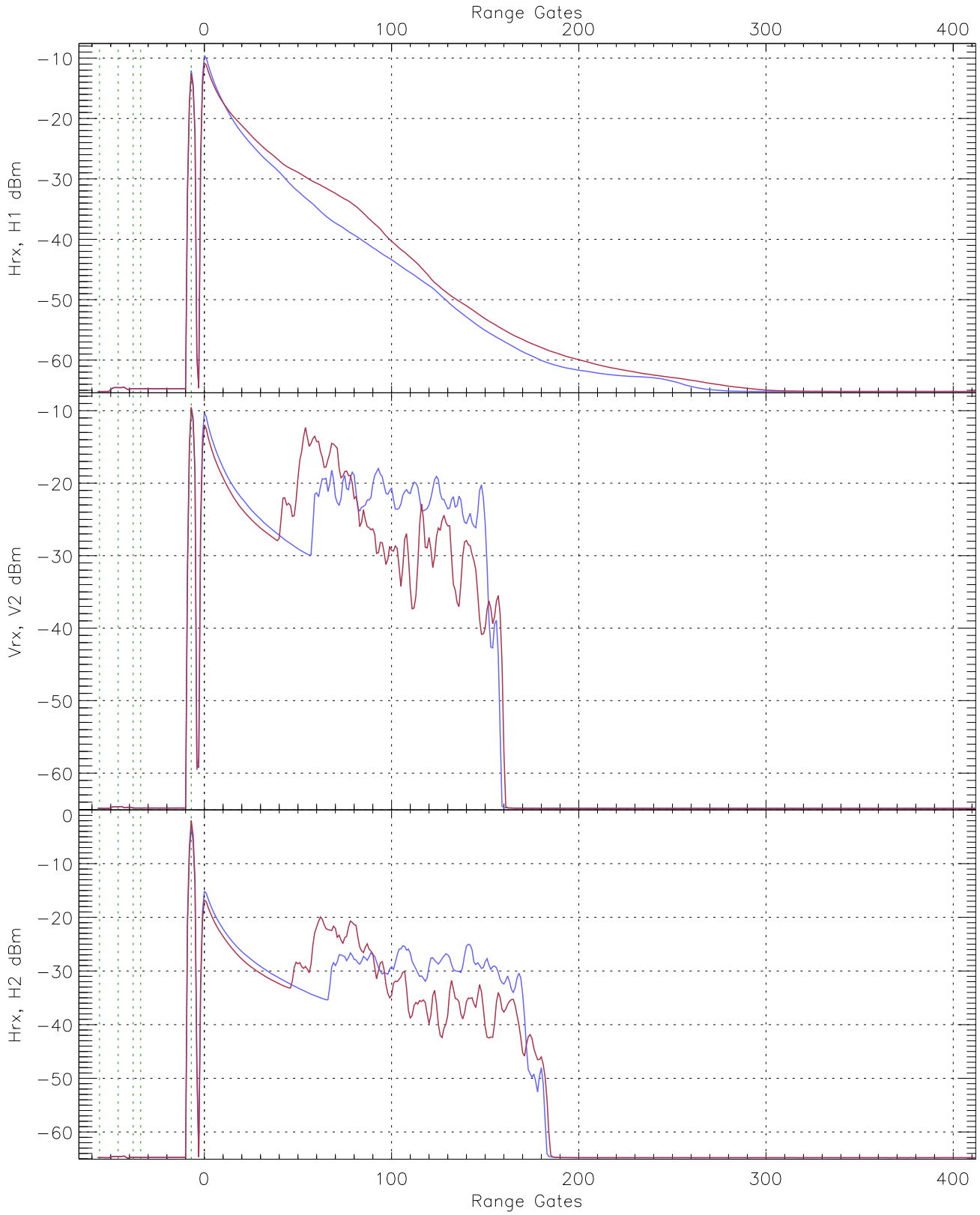
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.63	-64.01	-65.22	-65.22	-76.70
Vrx, V2(RM [dBm])	-66.21	-63.69	-64.85	-64.86	-76.38
Hrx, H2(RM [dBm])	-66.10	-63.56	-64.77	-64.78	-76.26

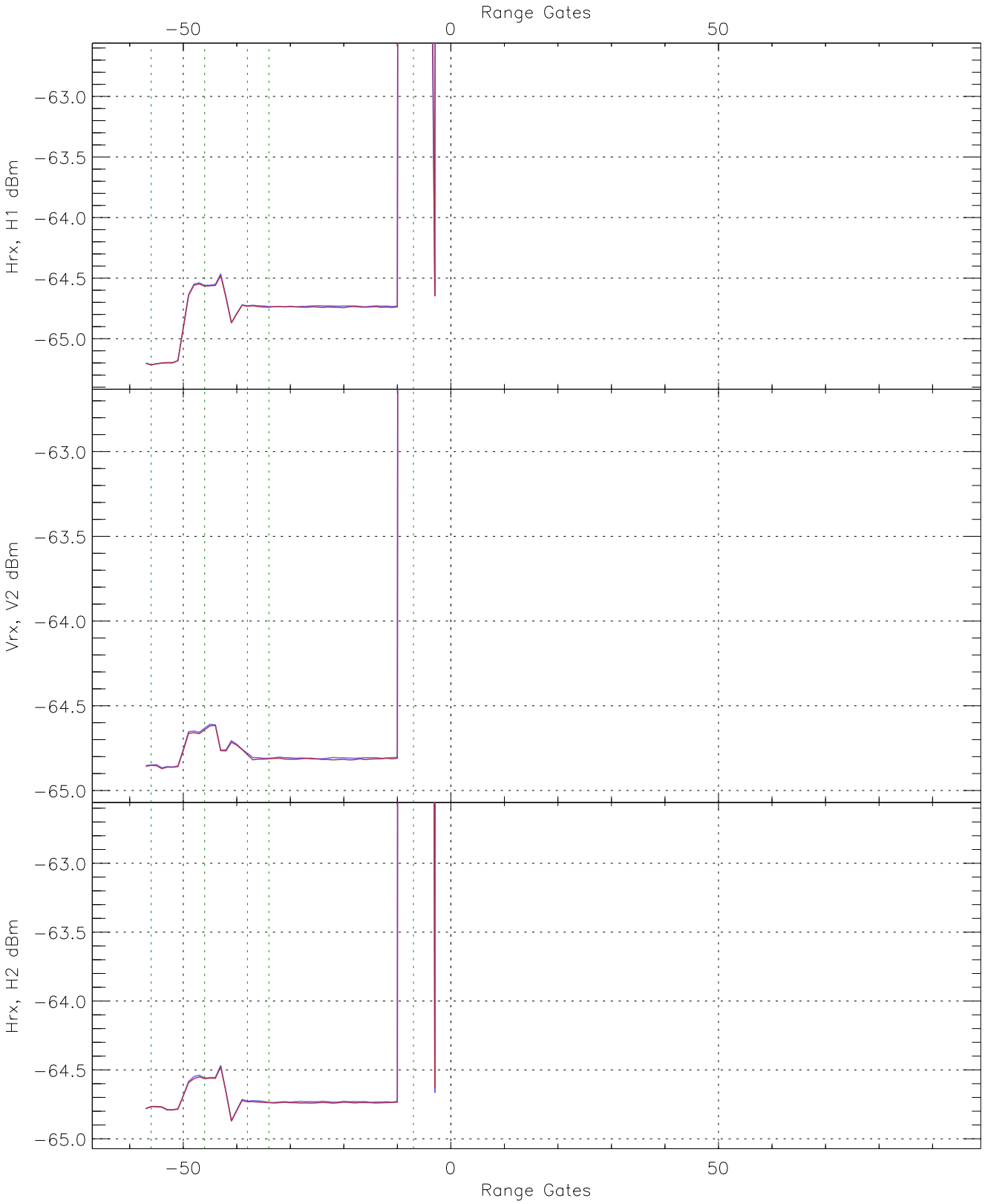


WCR3 CPP "Best" estimate Receivers Noise Power

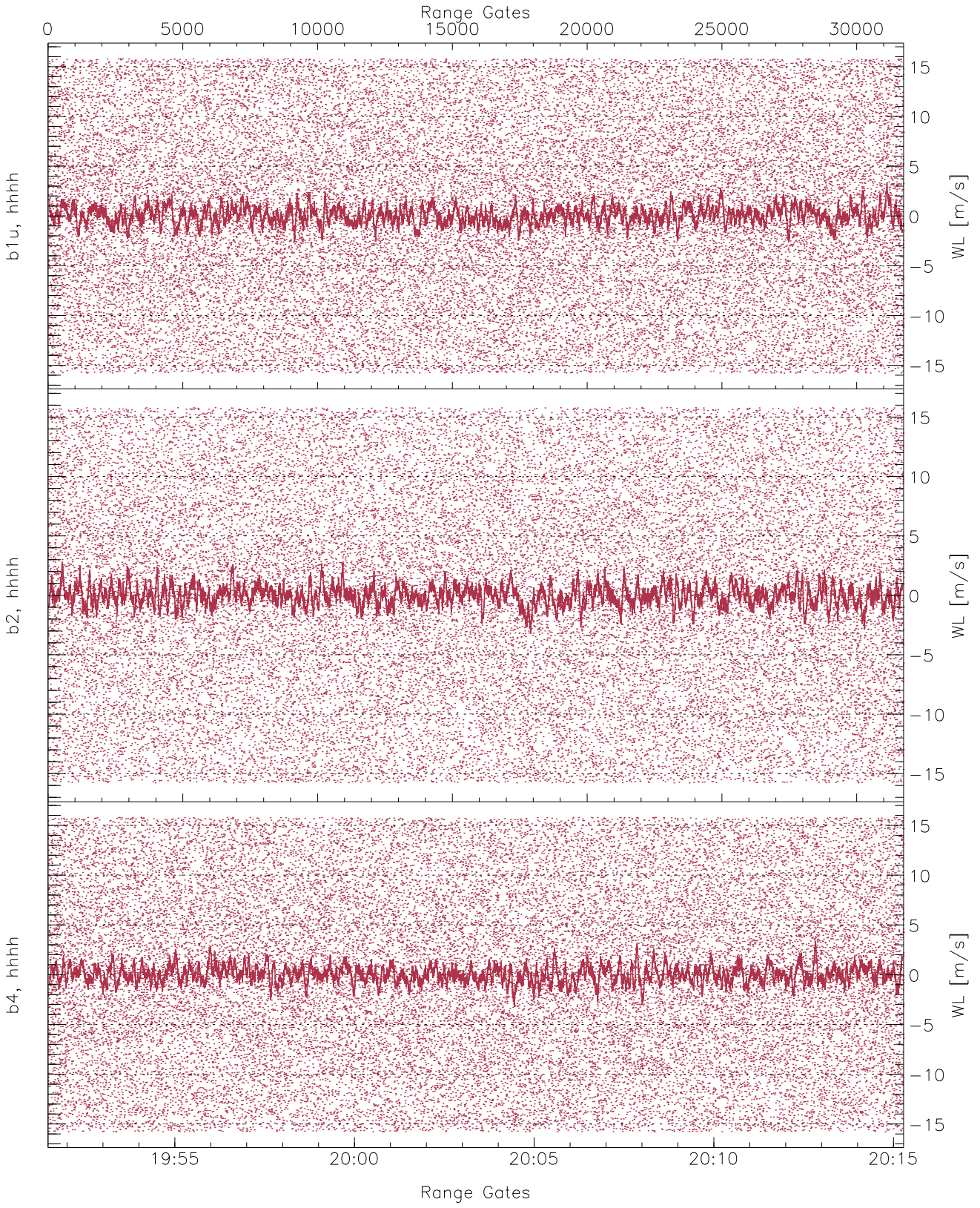
	Min	Max	Mean	Median	StDev
H1RG372_0 [dBm]	-66.52	-64.08	-65.22	-65.22	-76.73
V2RG390_0 [dBm]	-66.14	-63.82	-64.87	-64.87	-76.37
H2RG366_0 [dBm]	-66.15	-63.60	-64.80	-64.80	-76.29



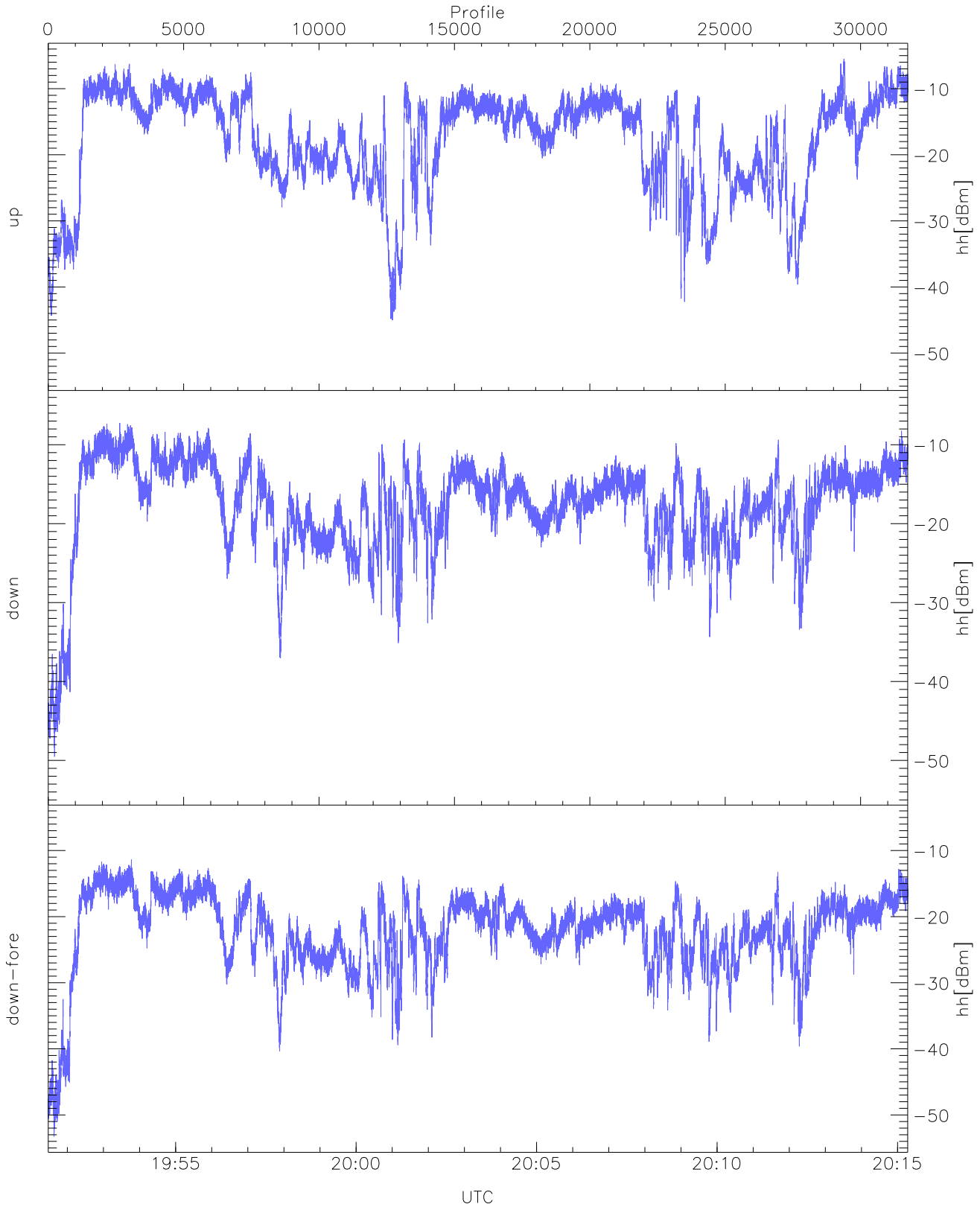
WCR3 CPP Averaged Received power for all recorded gates
blue: 195128-200323, 15871 profiles averaged
red: 200323-201517, 15871 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 195128-200323, 15871 profiles averaged
red: 200323-201517, 15871 profiles averaged

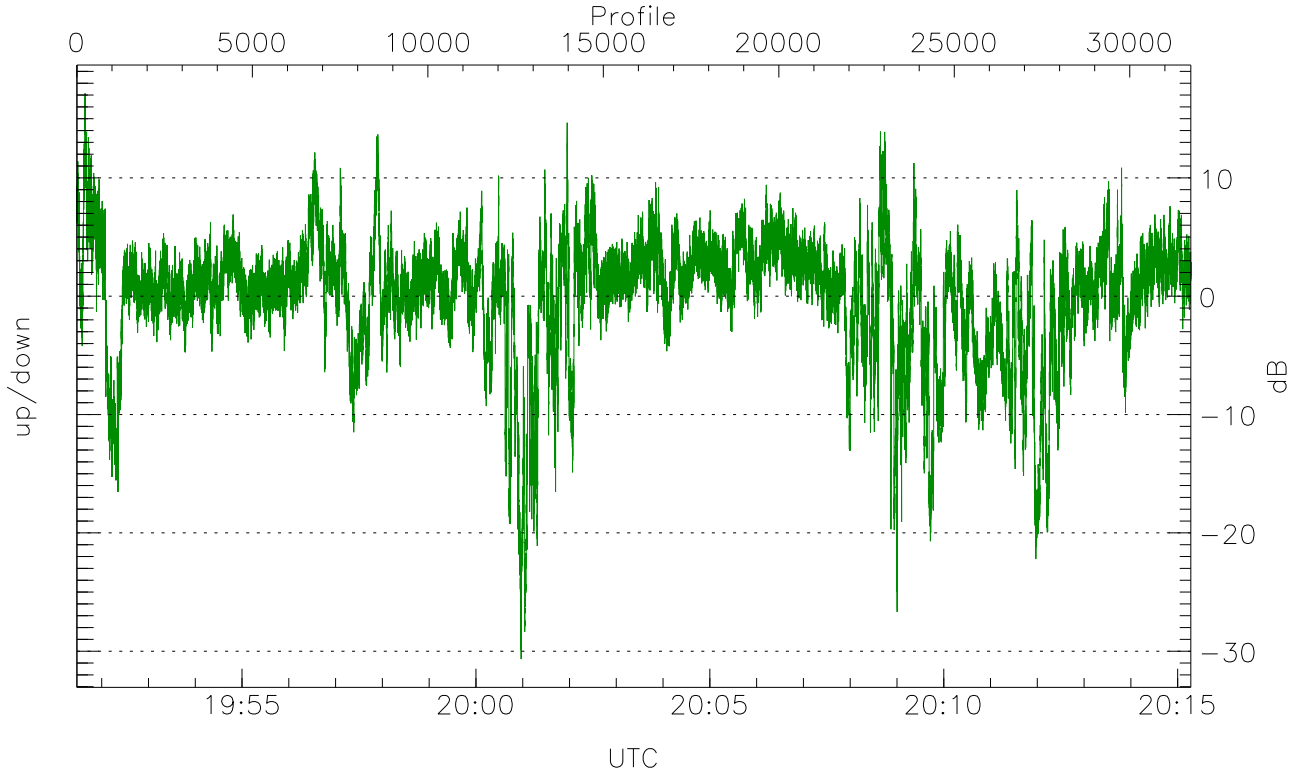


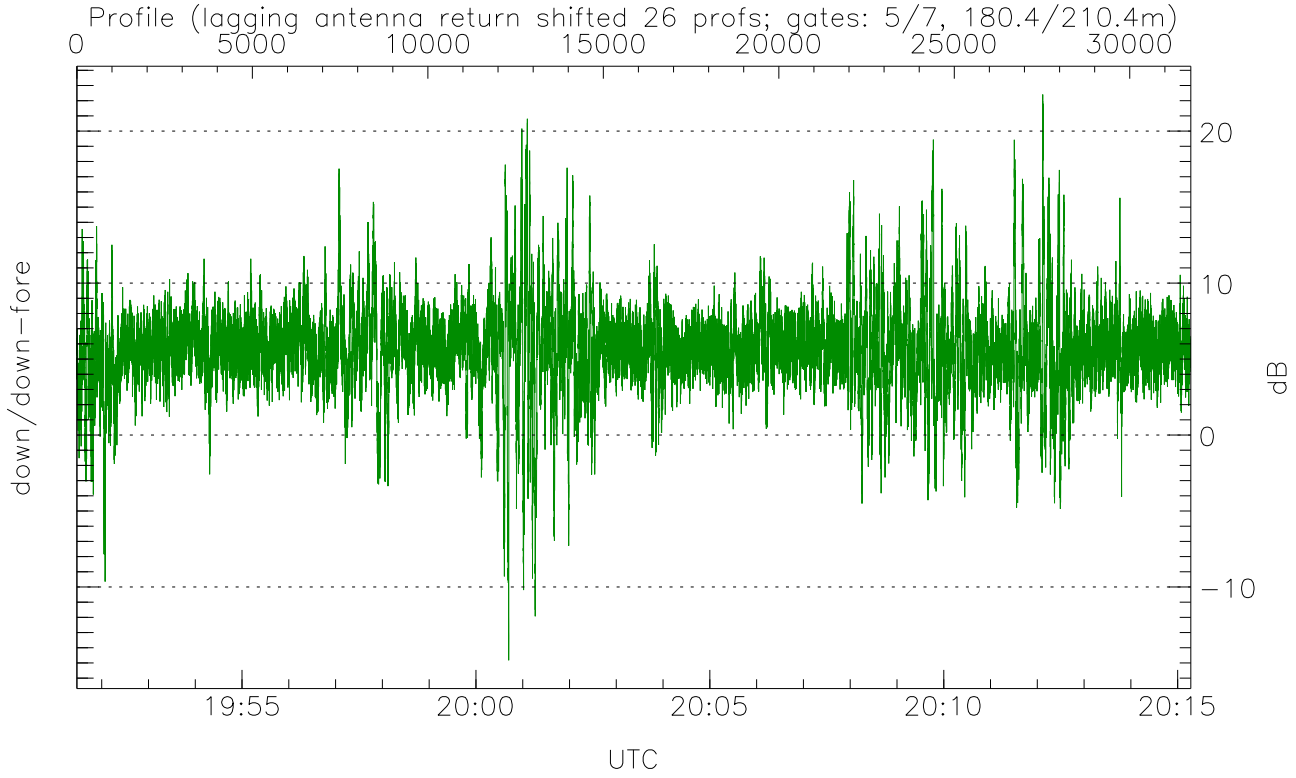
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

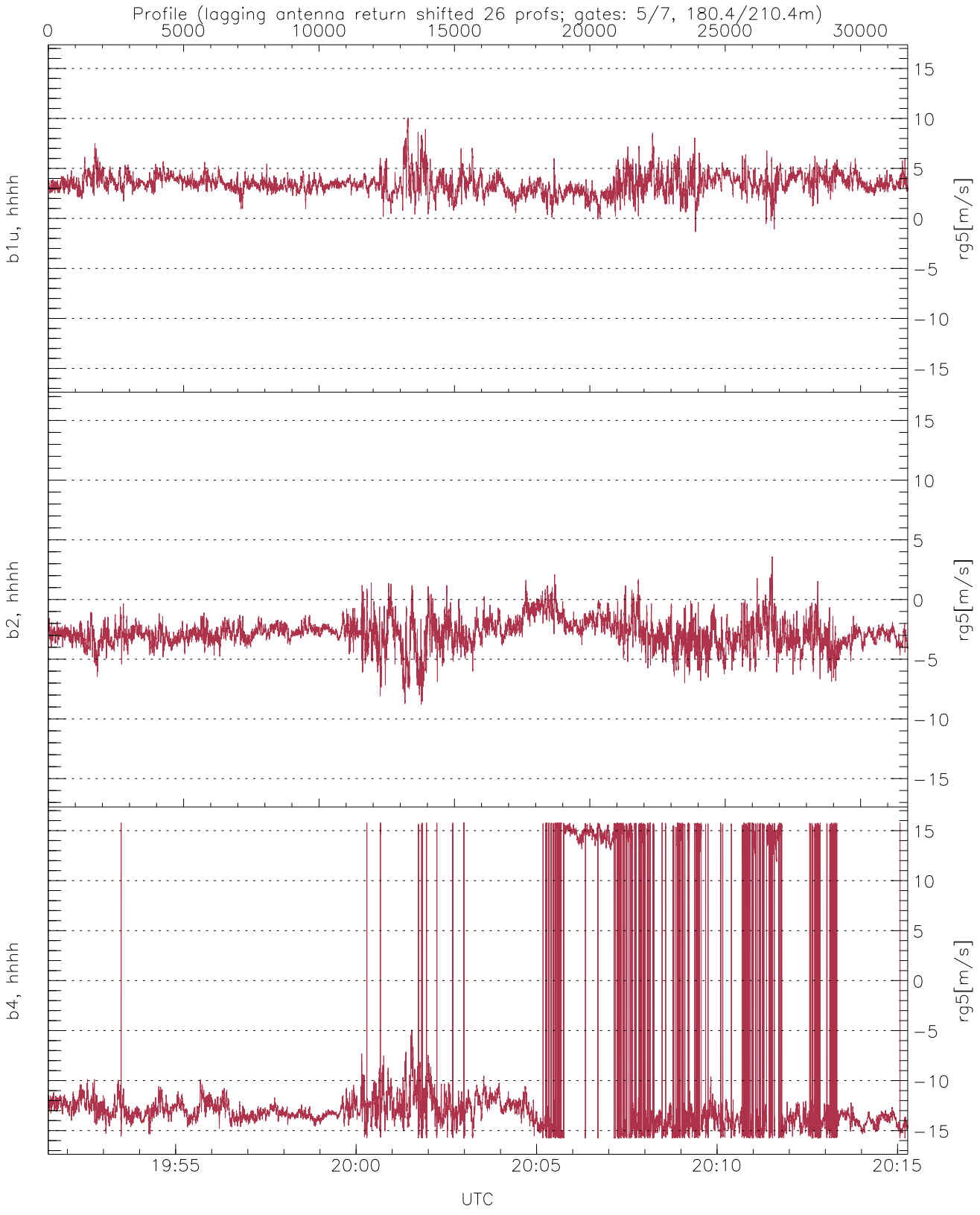
	Min	Max	Mean
up(hh[dBm])	-45.02	-5.51	-14.15
down(hh[dBm])	-49.53	-7.24	-15.33
down-fore(hh[dBm])	-53.27	-11.36	-19.77





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

	Min	Max	Mean
up/down(dB)	-30.66	17.15	-0.04
down/down-fore(dB)	-14.82	22.41	5.65



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-1.35	10.09	3.47	1.02
b2, hhhh(rg5[m/s])	-8.78	3.60	-2.80	1.22
b4, hhhh(rg5[m/s])	-15.79	15.79	-9.67	9.44