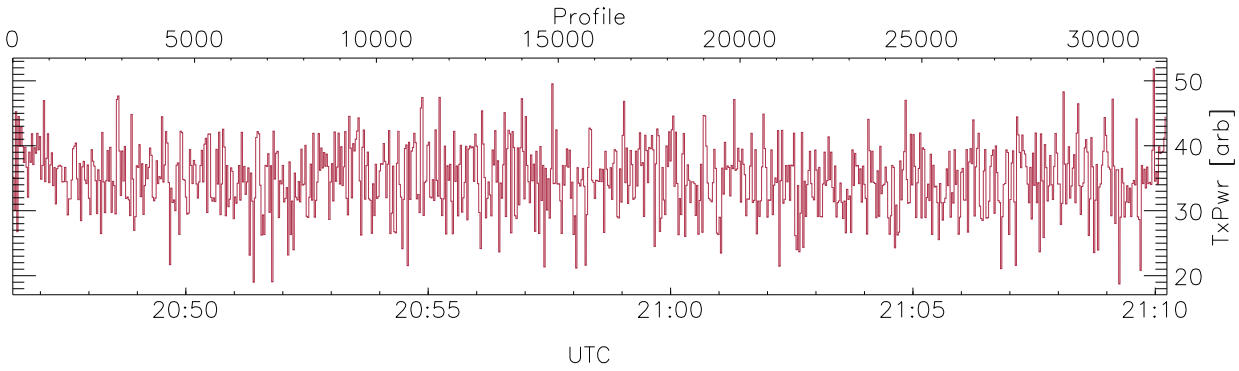
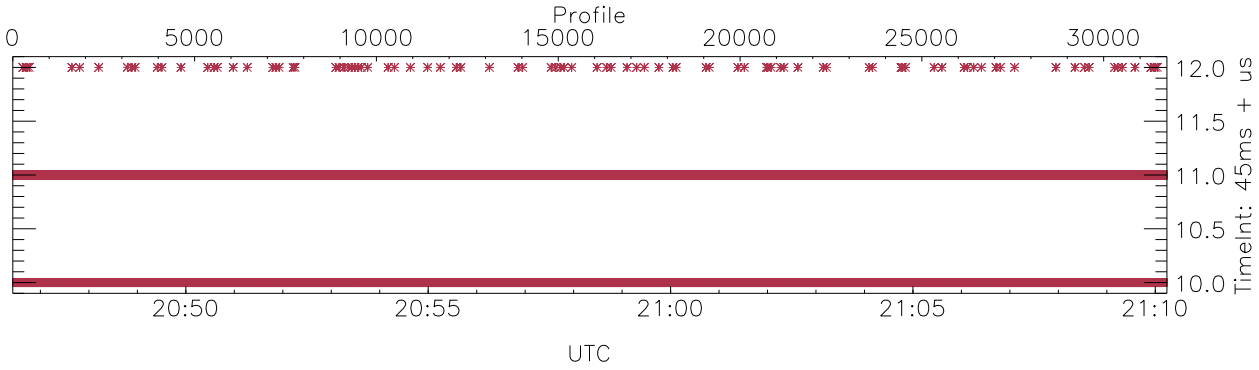
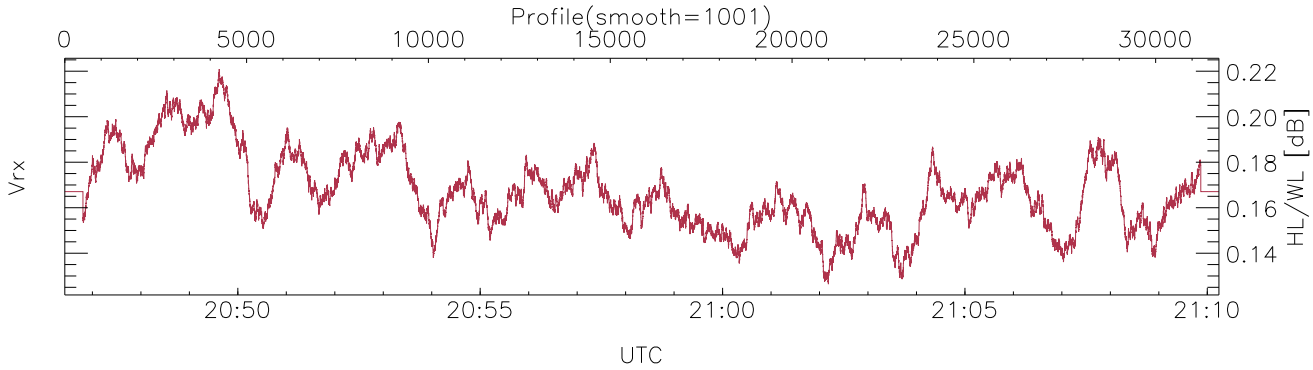
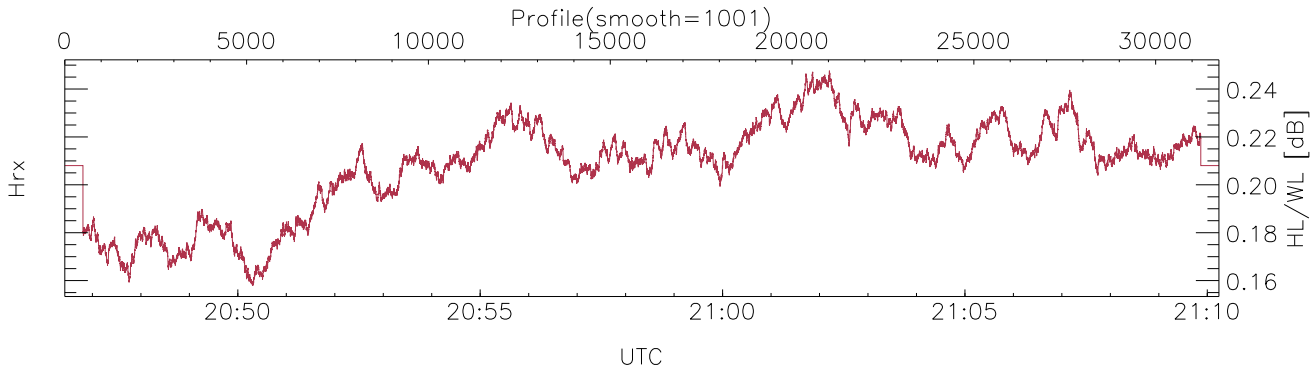


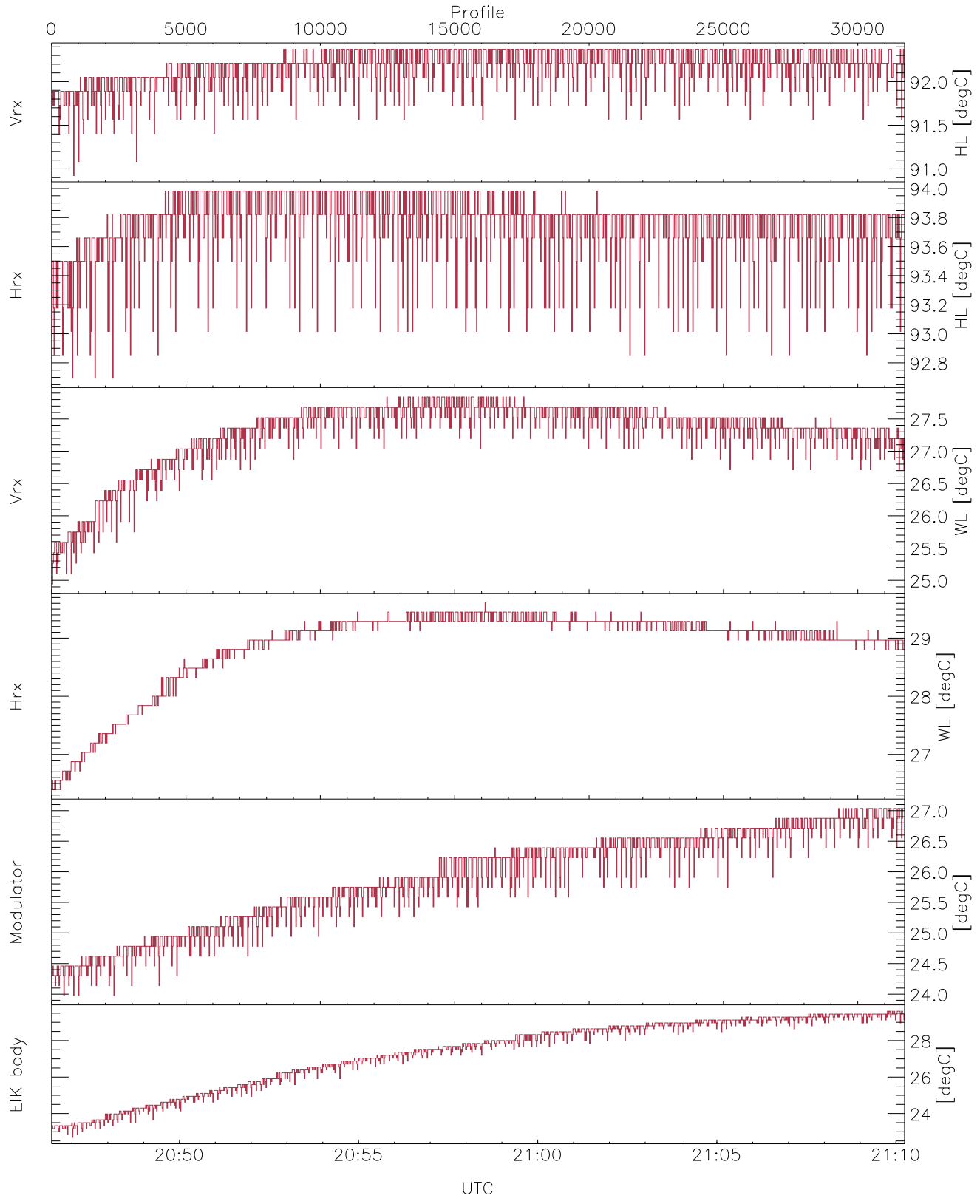






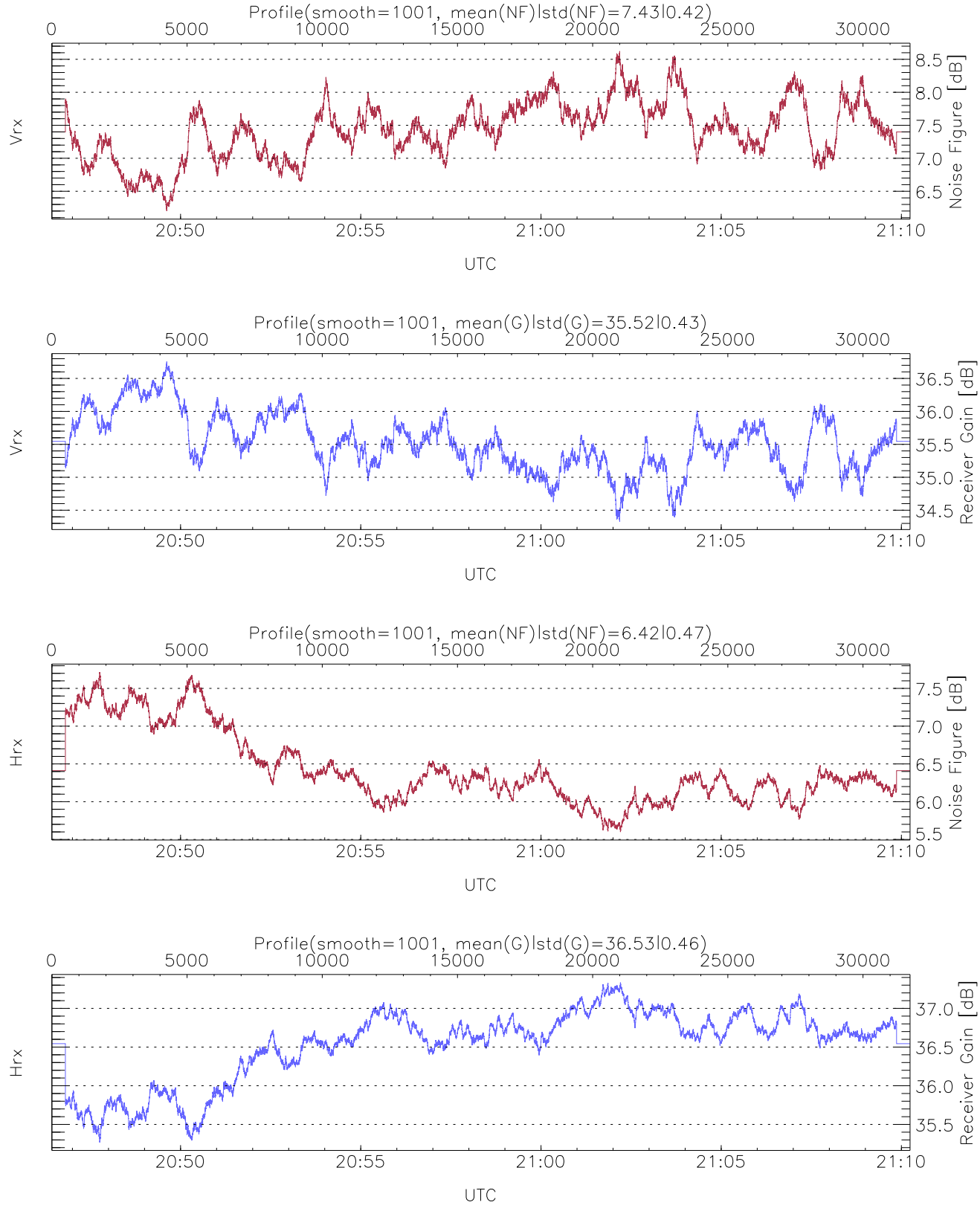
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 20:46:26-21:10:14, 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, 0-31740/20:46:26-21:10:14
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



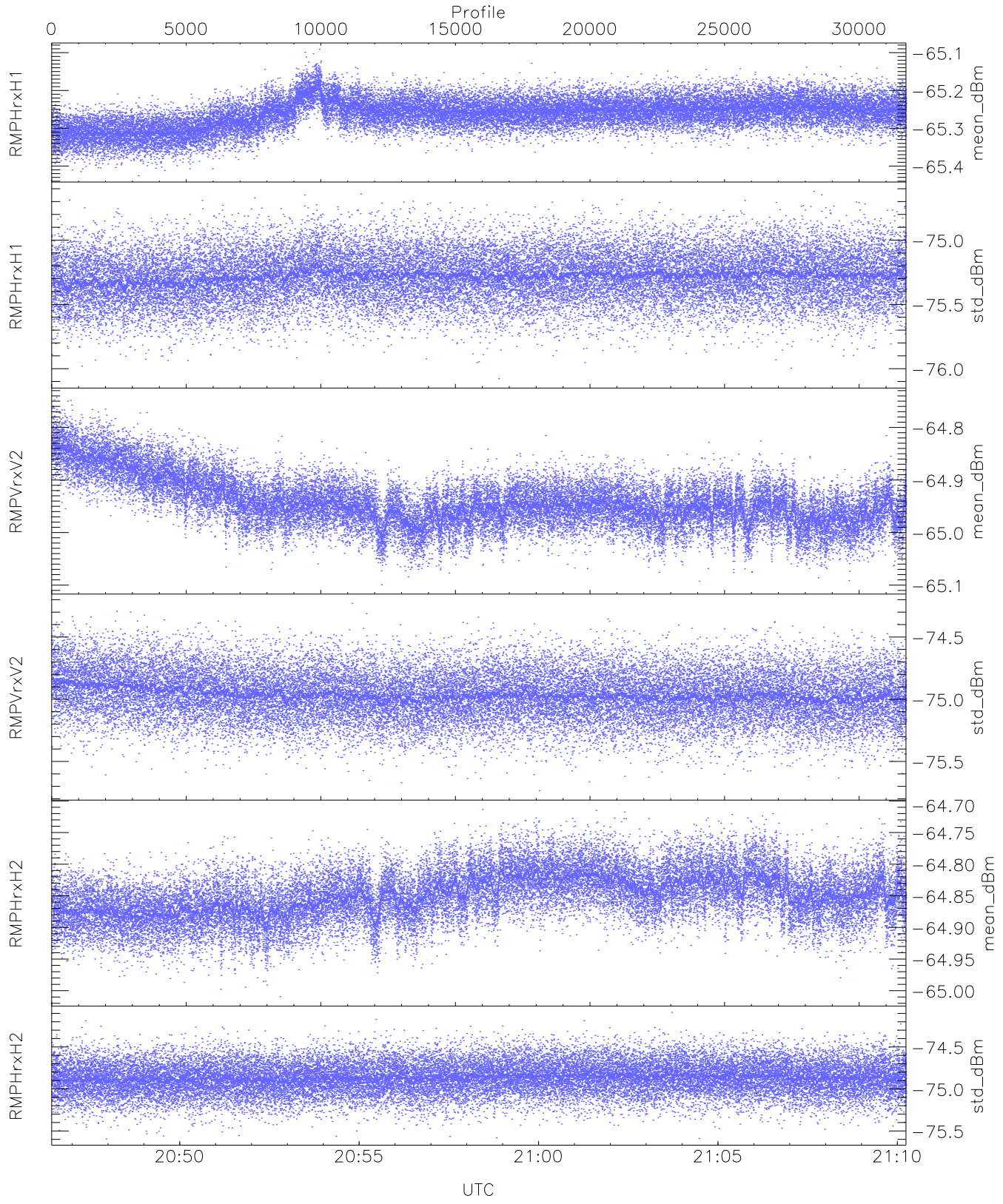
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,24,26,23,22
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,27,29,27,29
LOalarm(20,240,2817,14861 MHz): 0,0,66,0
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (46,46,94,94,70,46)



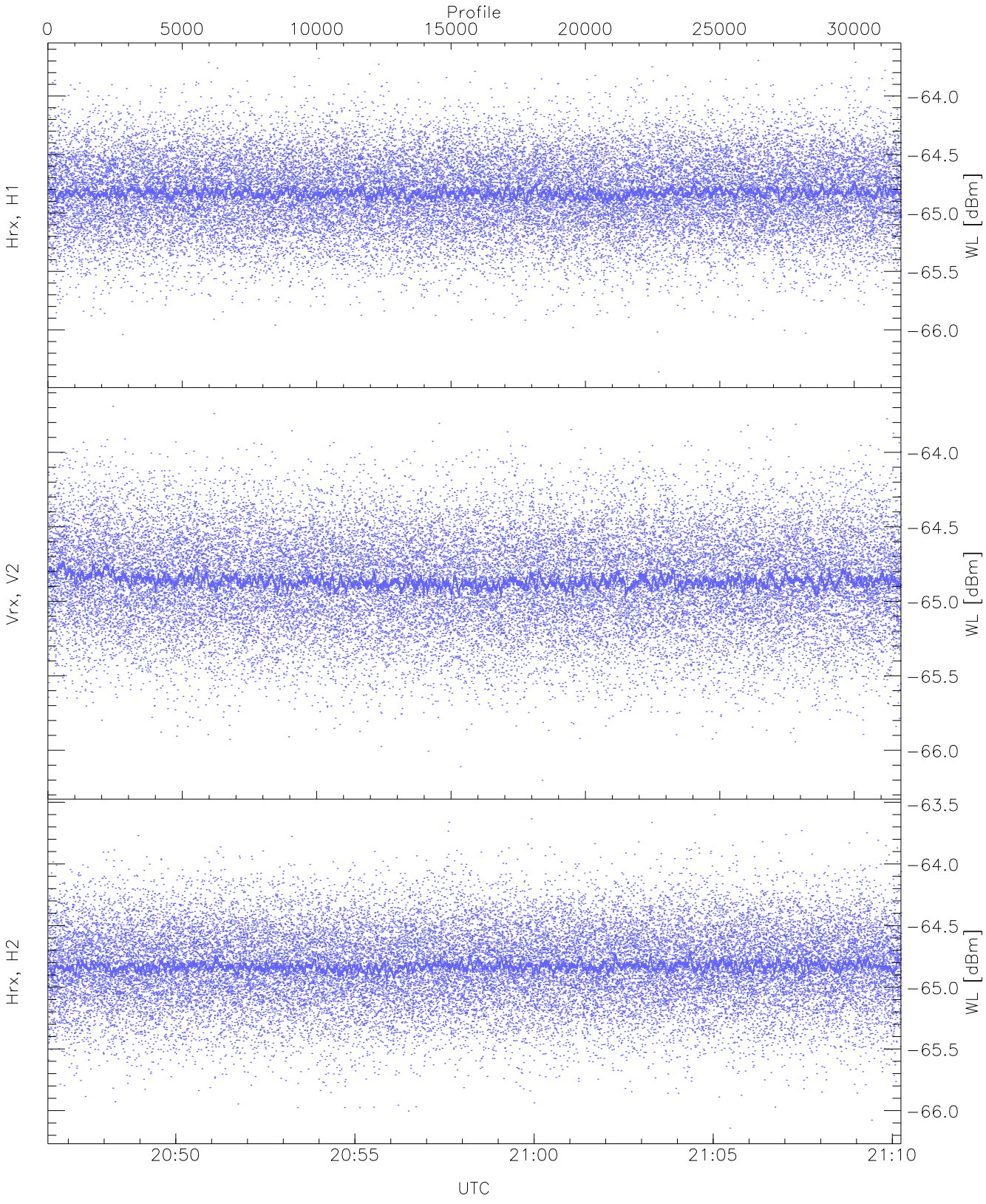
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 15 pixs, 1 gates, 15 profs, 1 prod(s)



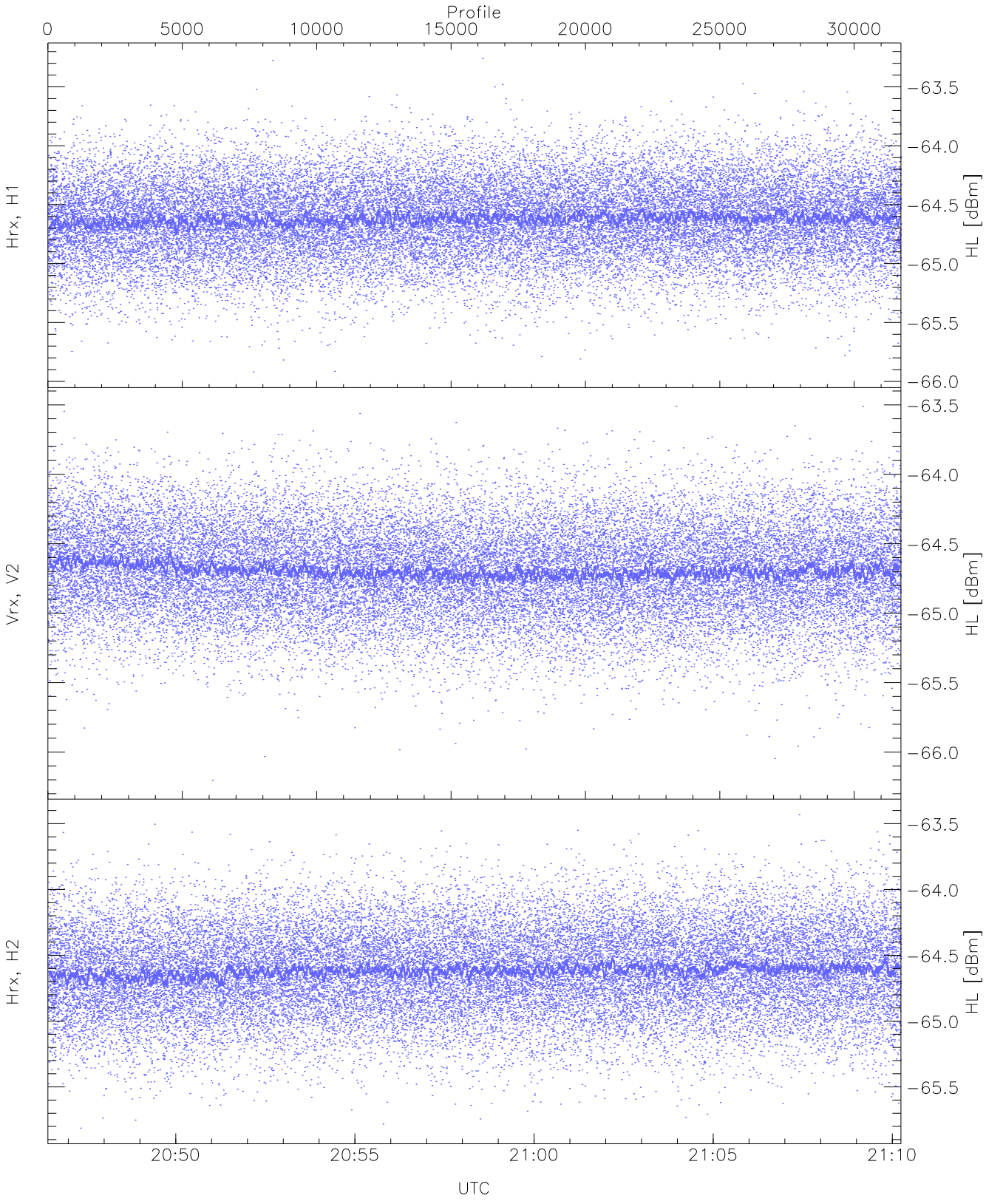
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.43	-65.09	-65.26	-65.26	-85.56
RMPHrxH1(std_dBm)	-76.08	-74.62	-75.28	-75.28	-89.03
RMPVrxV2(mean_dBm)	-65.10	-64.74	-64.94	-64.95	-84.50
RMPVrxV2(std_dBm)	-75.74	-74.23	-74.96	-74.97	-88.63
RMPHrxH2(mean_dBm)	-65.01	-64.71	-64.85	-64.85	-85.34
RMPHrxH2(std_dBm)	-75.59	-74.09	-74.86	-74.87	-88.63



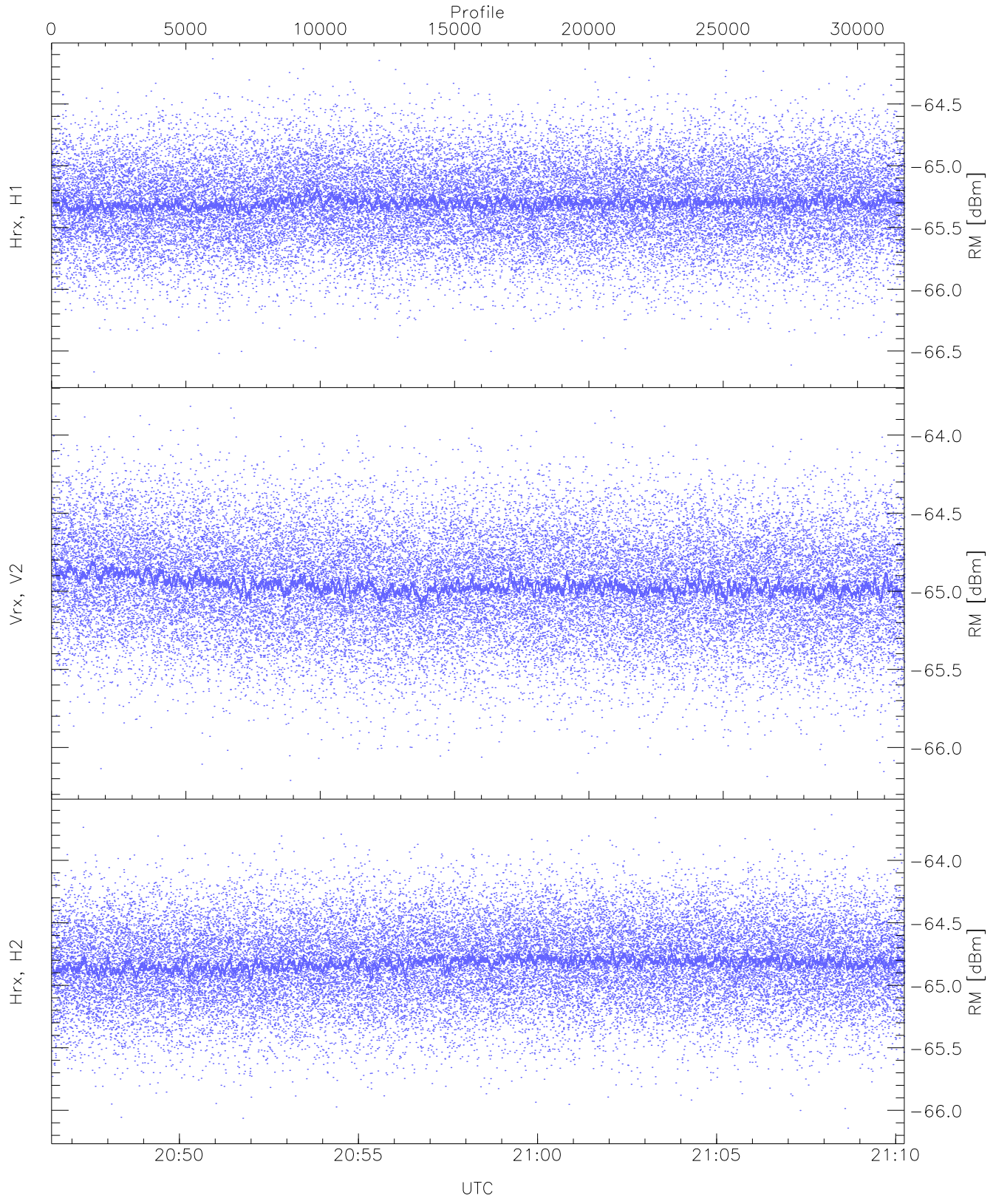
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.36	-63.68	-64.82	-64.83	-76.32
Vrx, V2(WL [dBm])	-66.20	-63.69	-64.86	-64.87	-76.37
Hrx, H2(WL [dBm])	-66.14	-63.60	-64.82	-64.83	-76.34



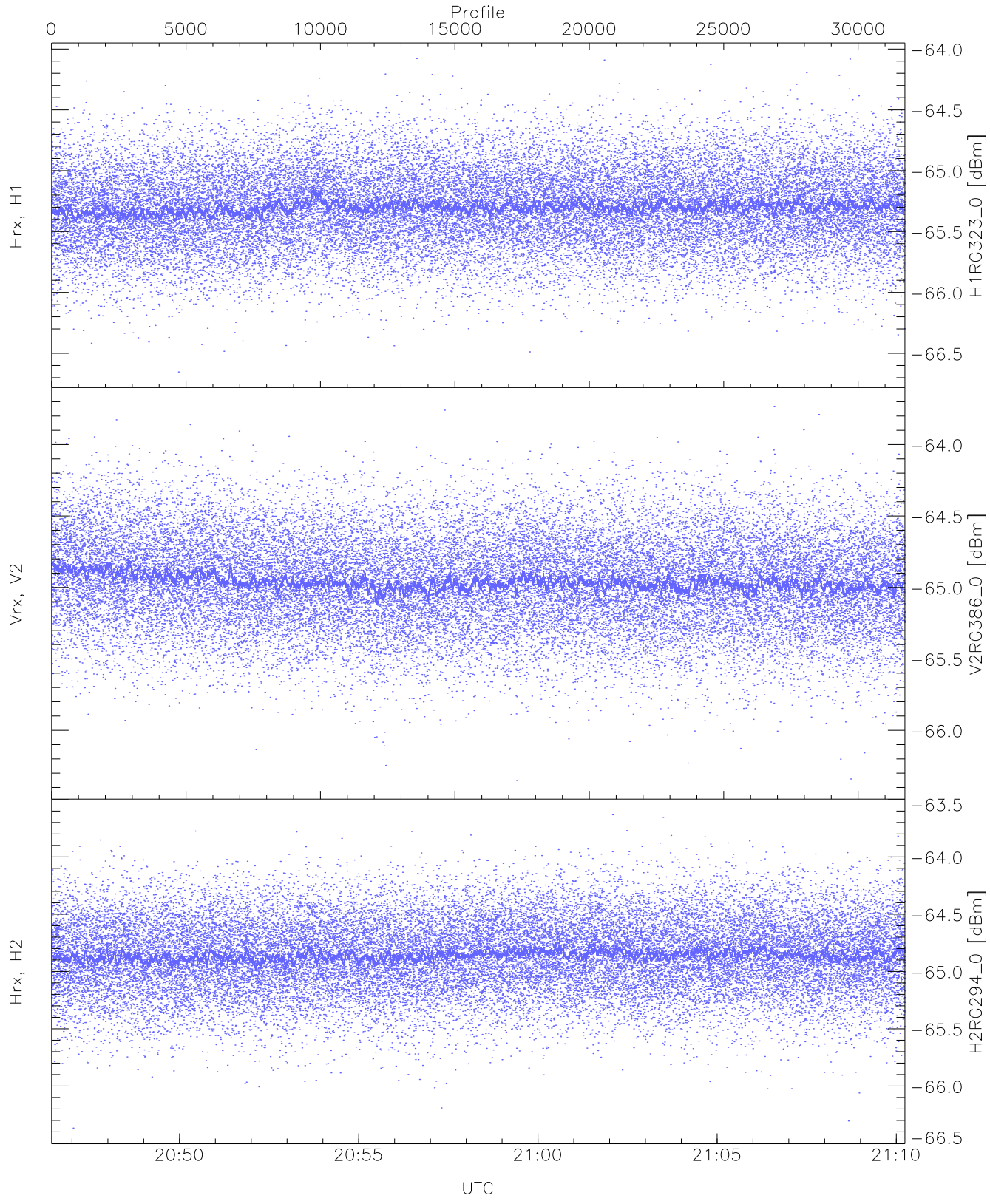
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.92	-63.26	-64.62	-64.62	-76.09
Vrx, V2(HL [dBm])	-66.20	-63.51	-64.69	-64.70	-76.18
Hrx, H2(HL [dBm])	-65.81	-63.43	-64.61	-64.62	-76.09



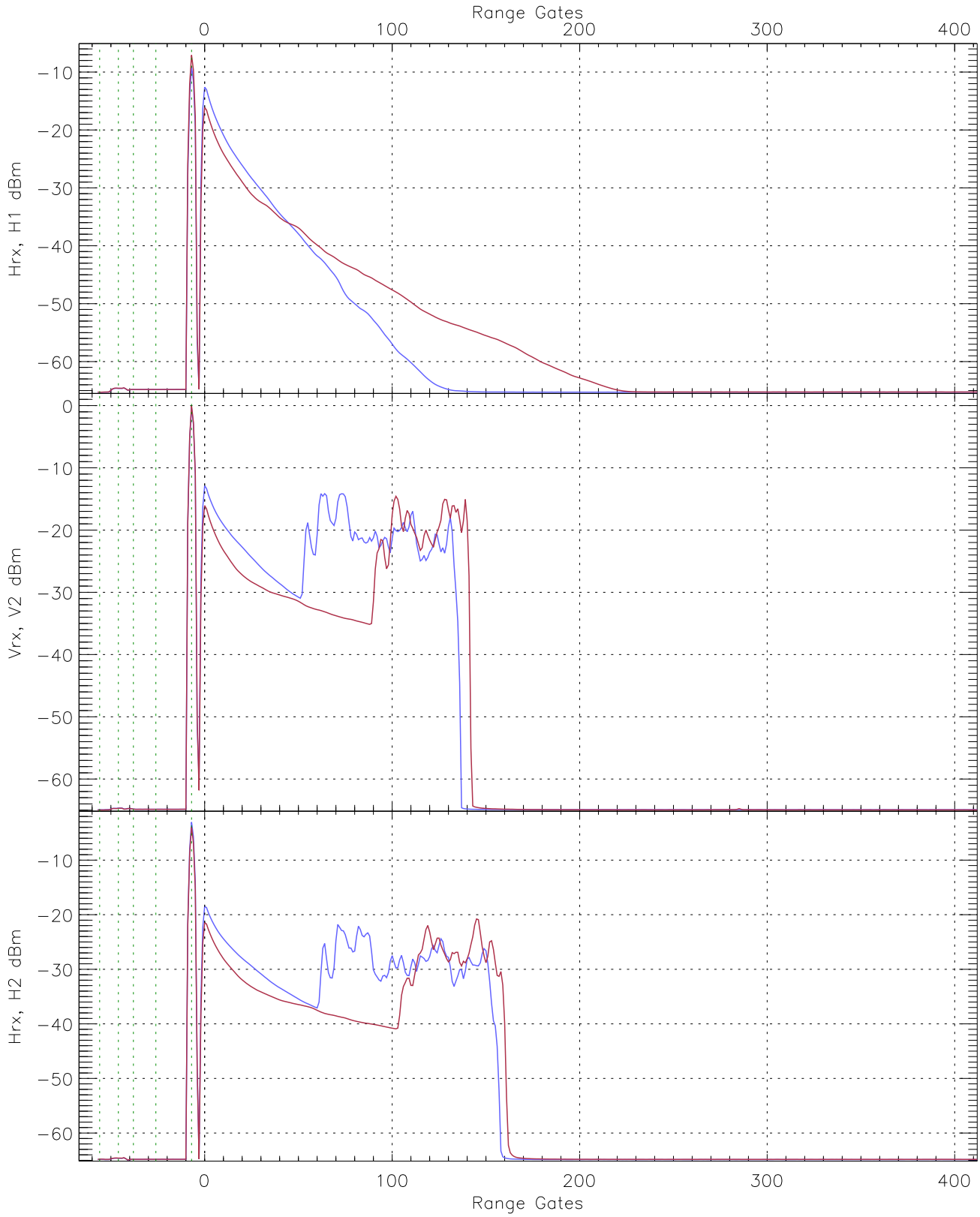
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.67	-64.13	-65.30	-65.30	-76.80
Vrx, V2(RM [dBm])	-66.21	-63.82	-64.96	-64.96	-76.47
Hrx, H2(RM [dBm])	-66.14	-63.64	-64.82	-64.83	-76.33

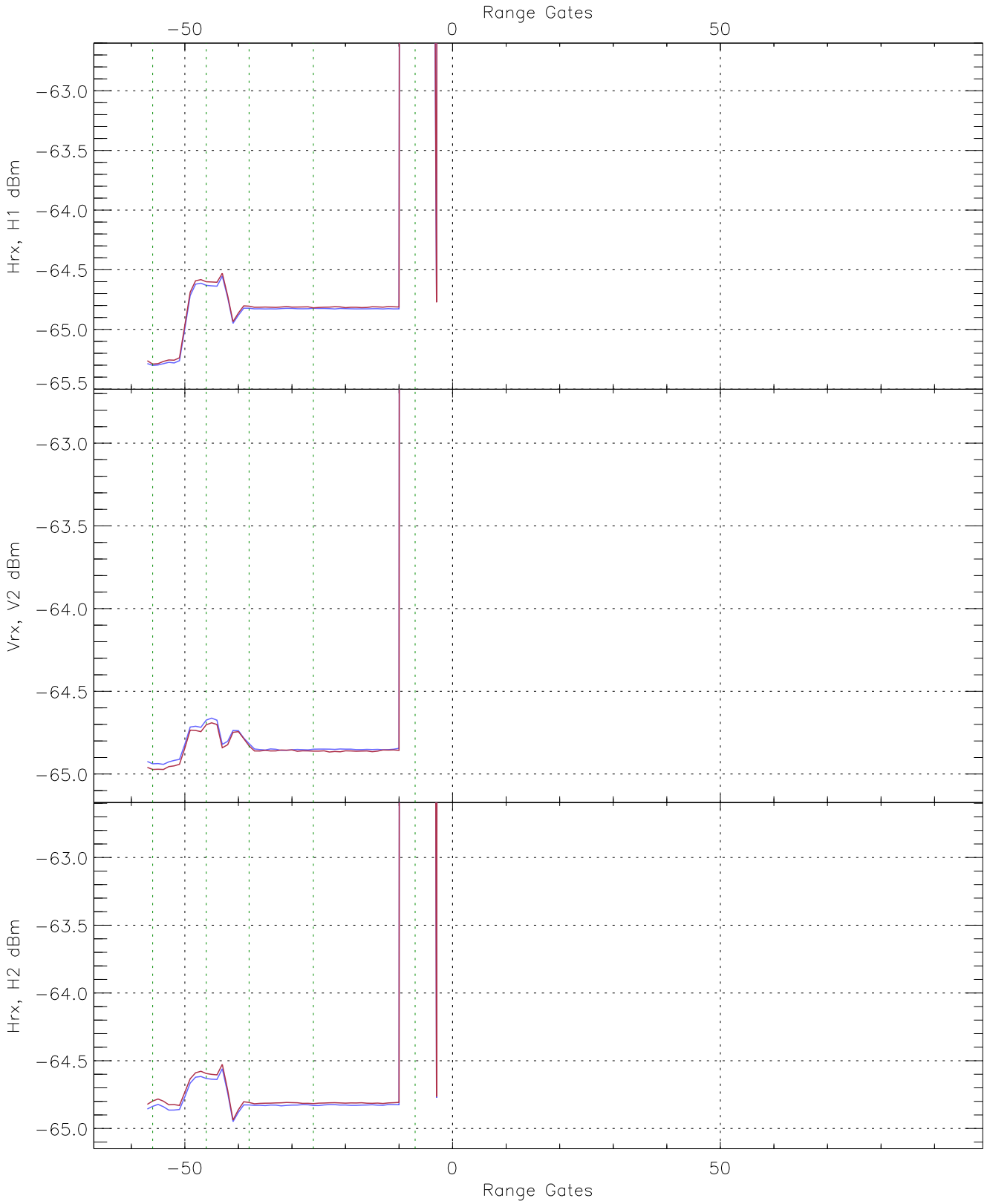


WCR3 CPP "Best" estimate Receivers Noise Power

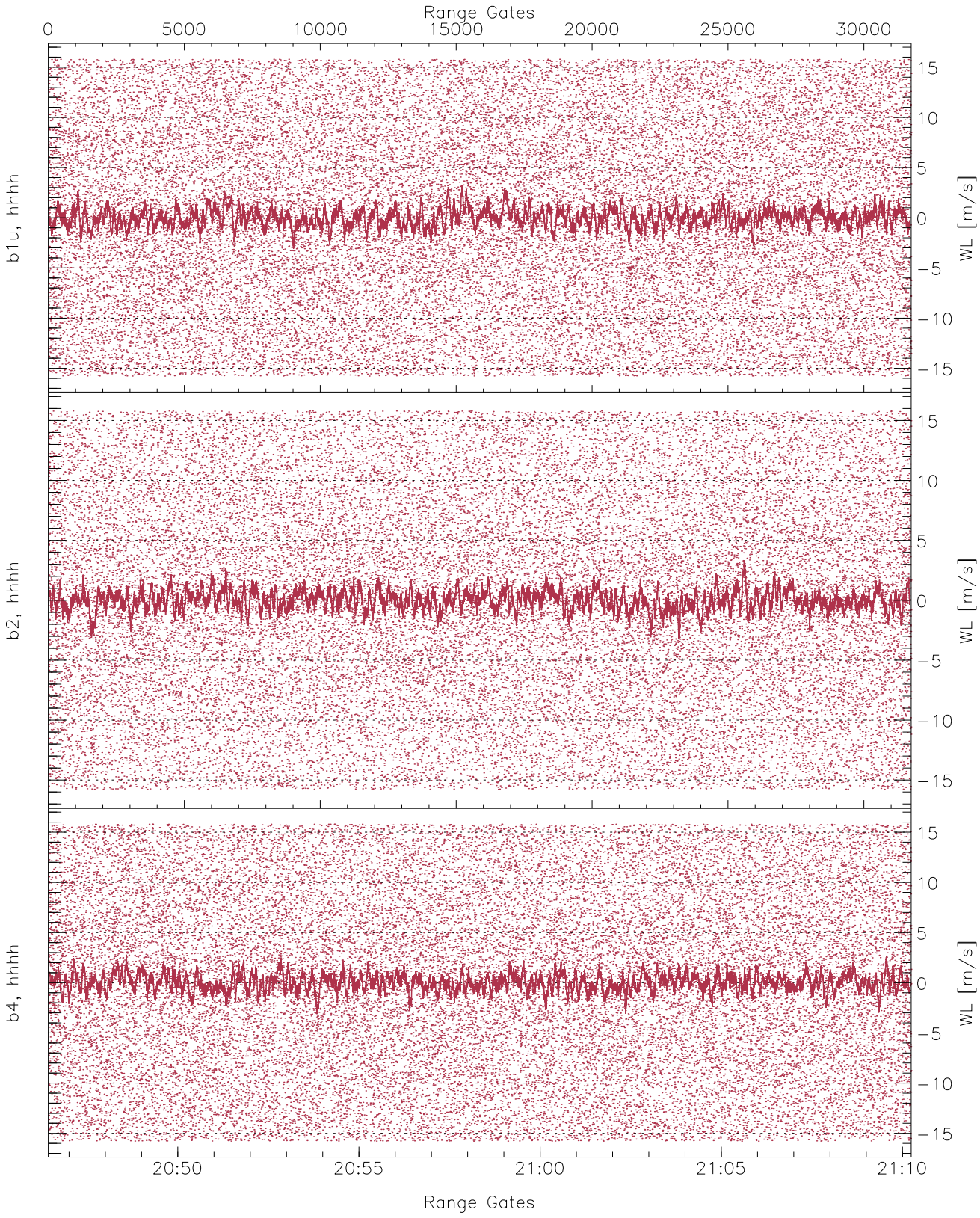
	Min	Max	Mean	Median	StDev
H1RG323_0 [dBm]	-66.65	-64.08	-65.30	-65.30	-76.79
V2RG386_0 [dBm]	-66.35	-63.73	-64.96	-64.96	-76.45
H2RG294_0 [dBm]	-66.37	-63.63	-64.85	-64.86	-76.33



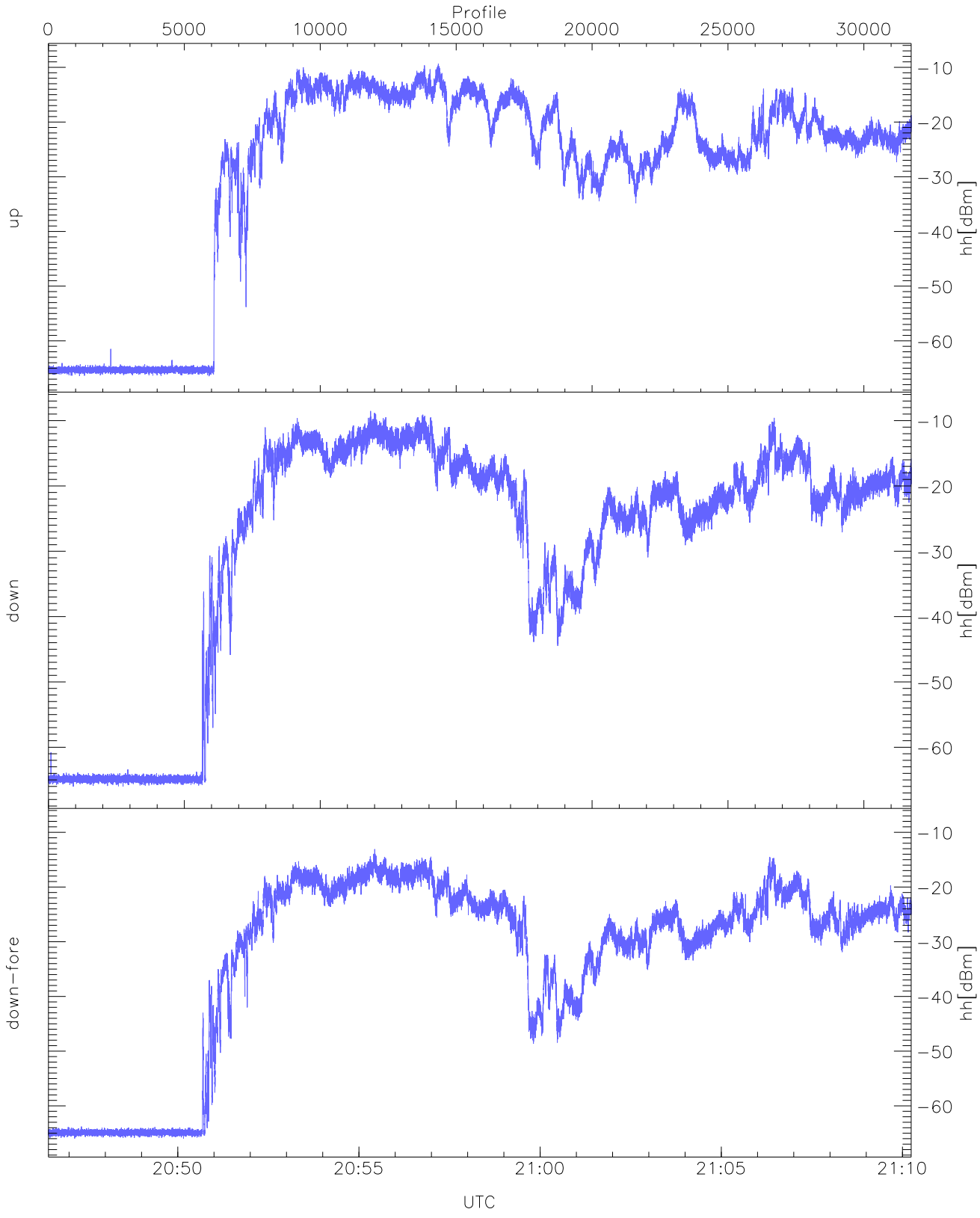
WCR3 CPP Averaged Received power for all recorded gates
blue: 204626-205820, 15871 profiles averaged
red: 205820-211014, 15871 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 204626−205820, 15871 profiles averaged
red: 205820−211014, 15871 profiles averaged

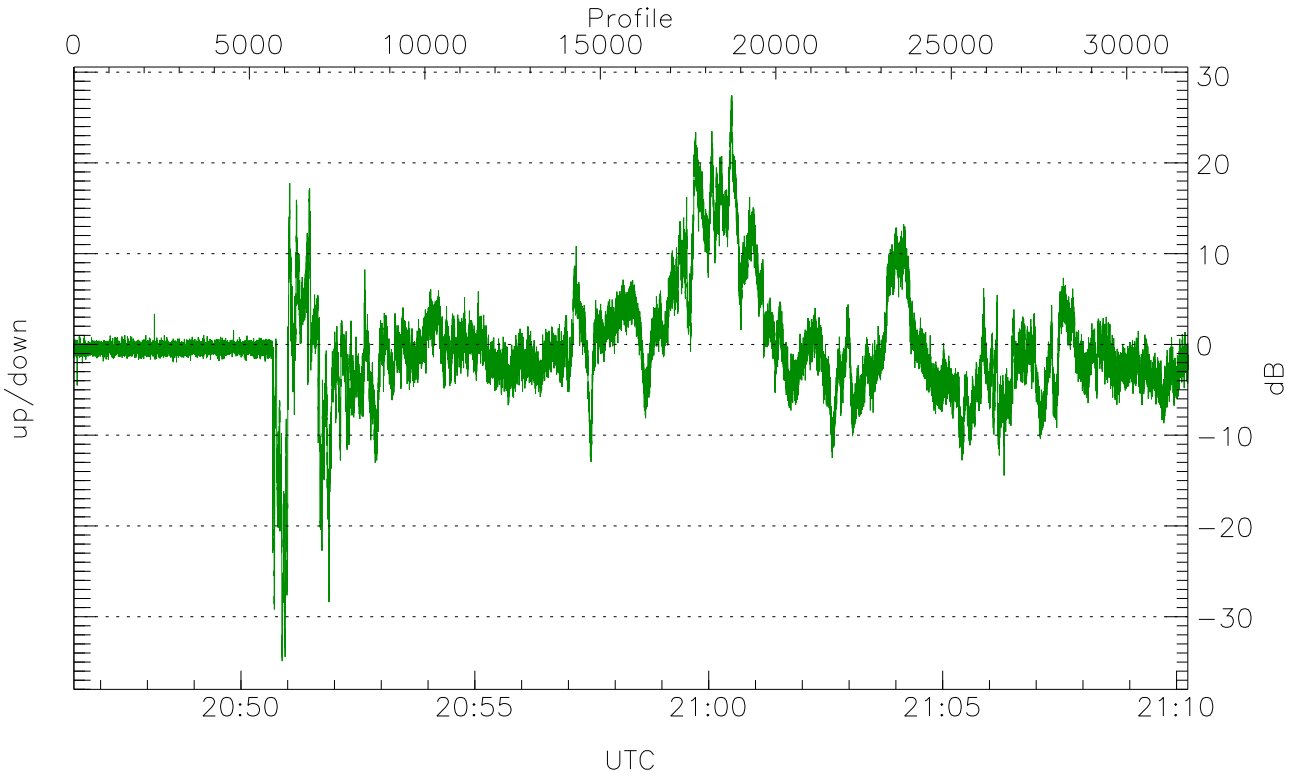


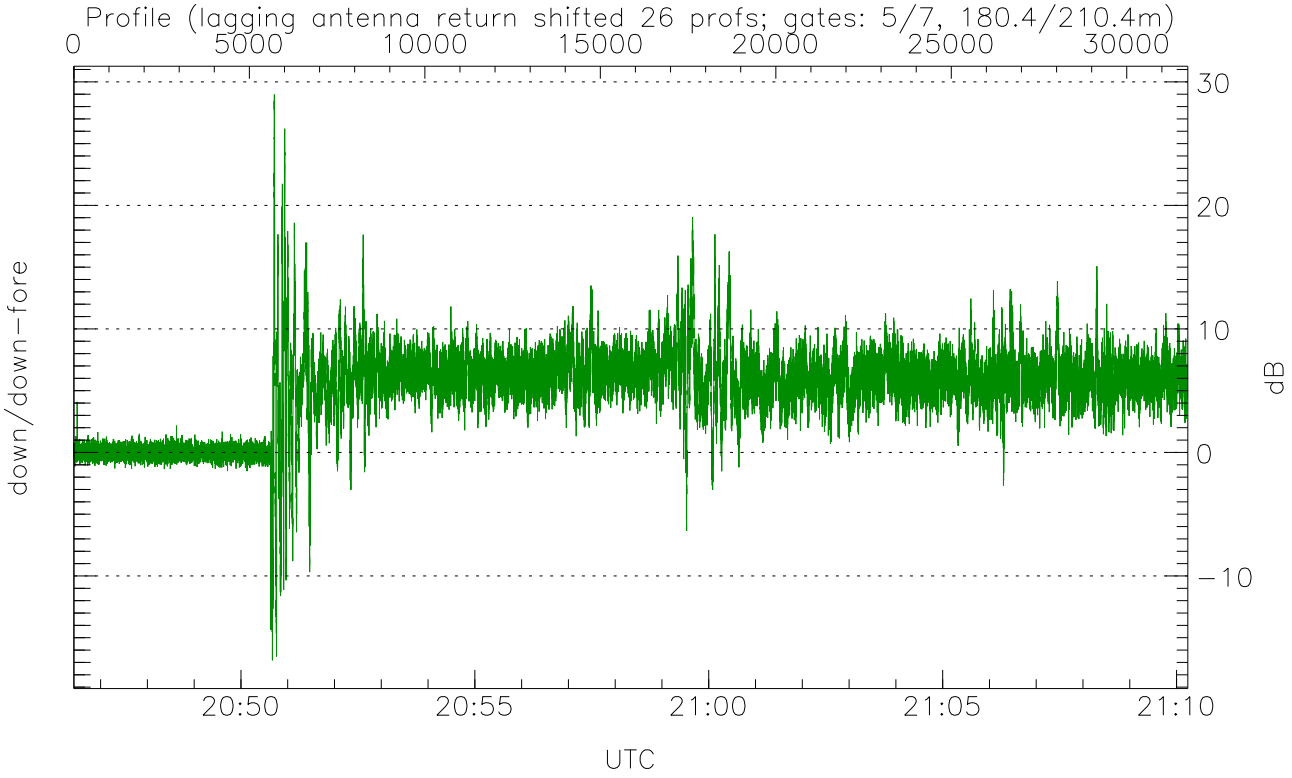
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

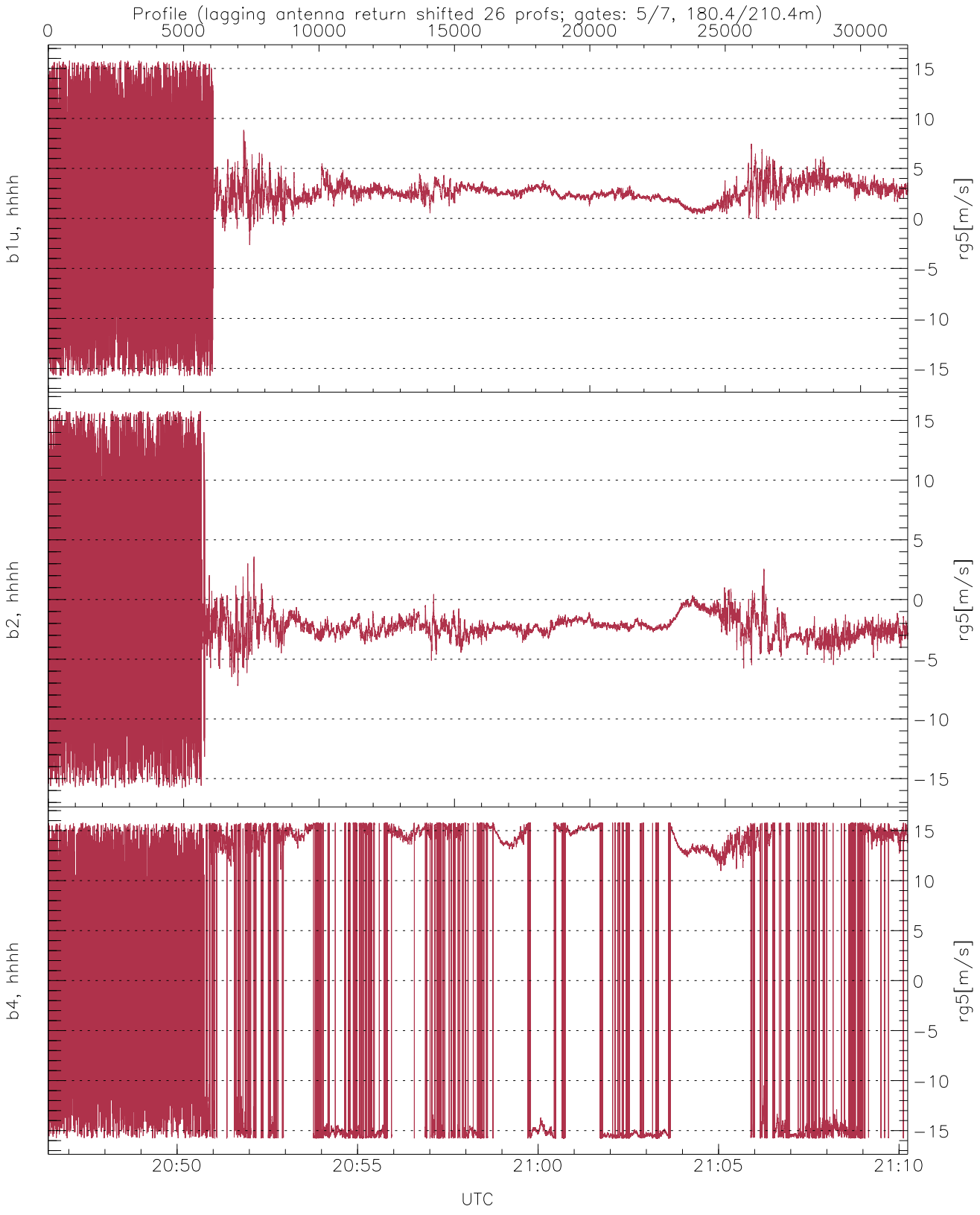
	Min	Max	Mean
up(hh[dBm])	-66.47	-9.36	-18.56
down(hh[dBm])	-66.03	-8.53	-18.01
down-fore(hh[dBm])	-65.96	-13.09	-23.17





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

	Min	Max	Mean
up/down(dB)	-34.89	27.45	-0.28
down/down-fore(dB)	-16.82	28.98	5.02



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	2.14	4.10
b2, hhhh(rg5[m/s])	-15.78	15.79	-1.88	3.78
b4, hhhh(rg5[m/s])	-15.79	15.79	2.08	13.80