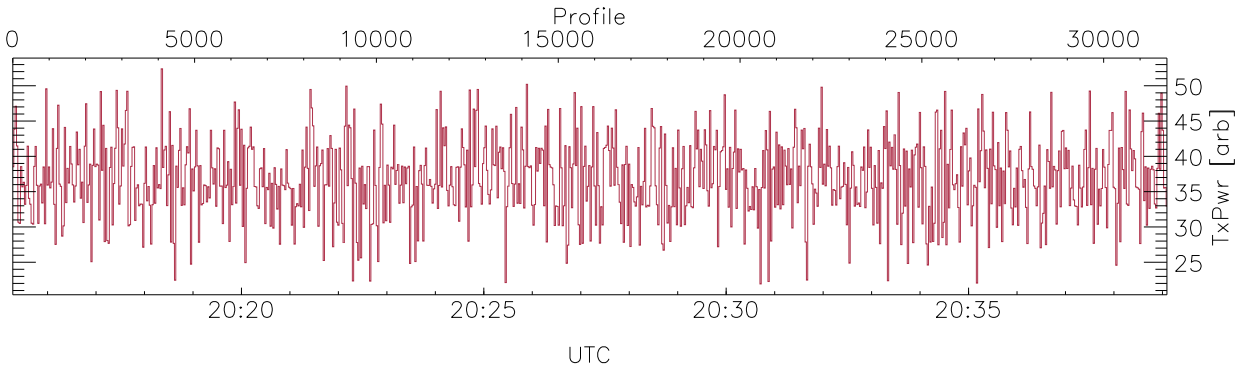
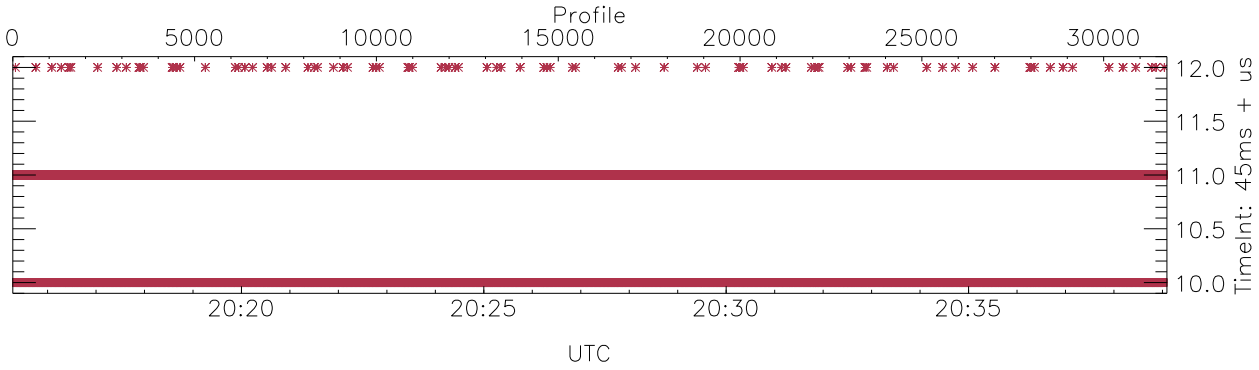
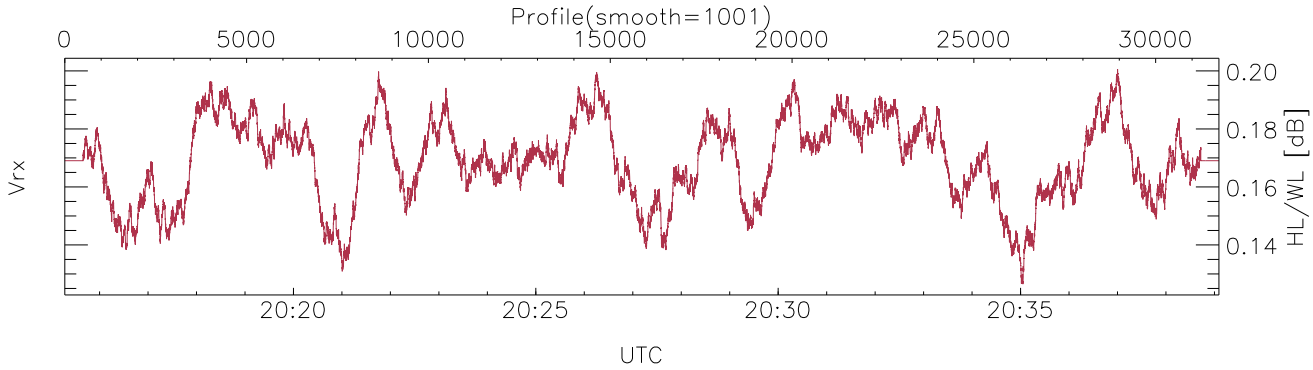
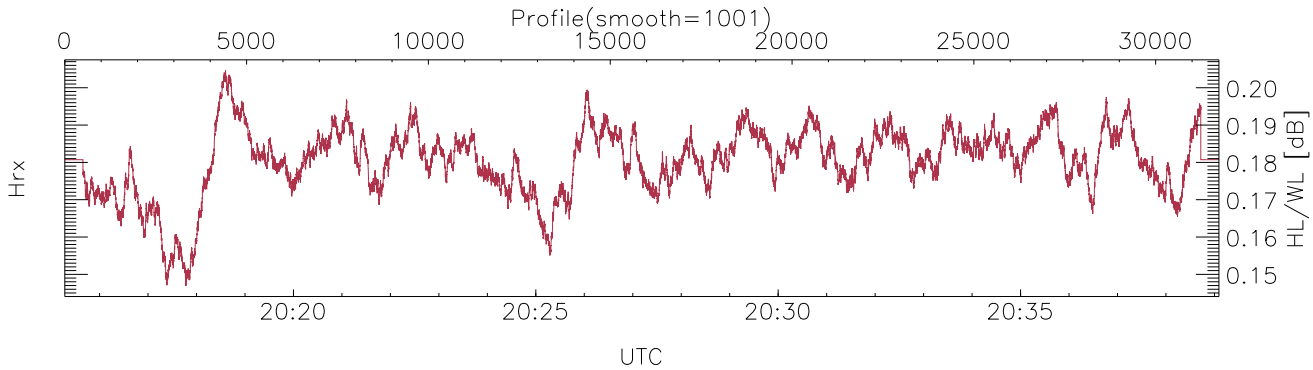


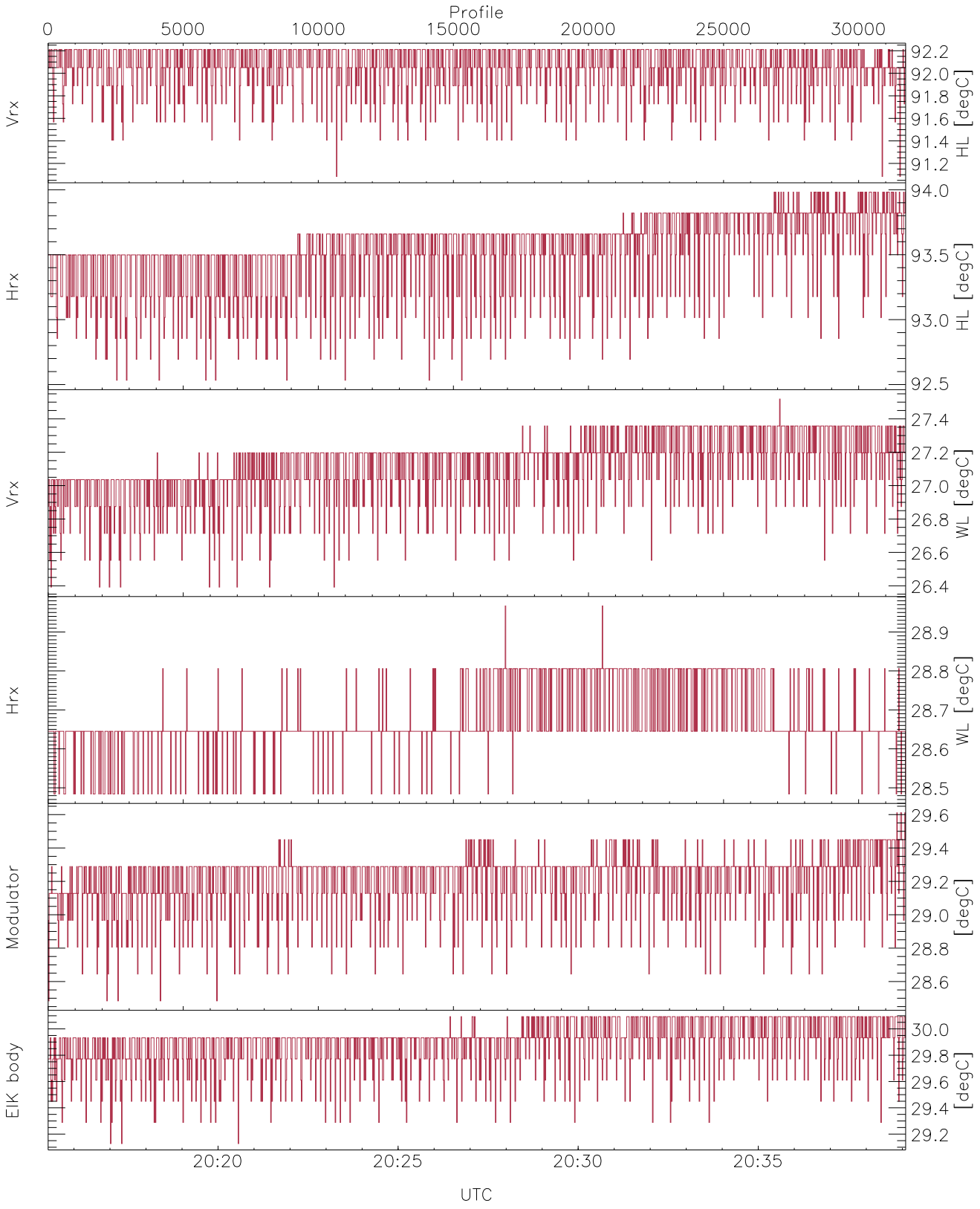






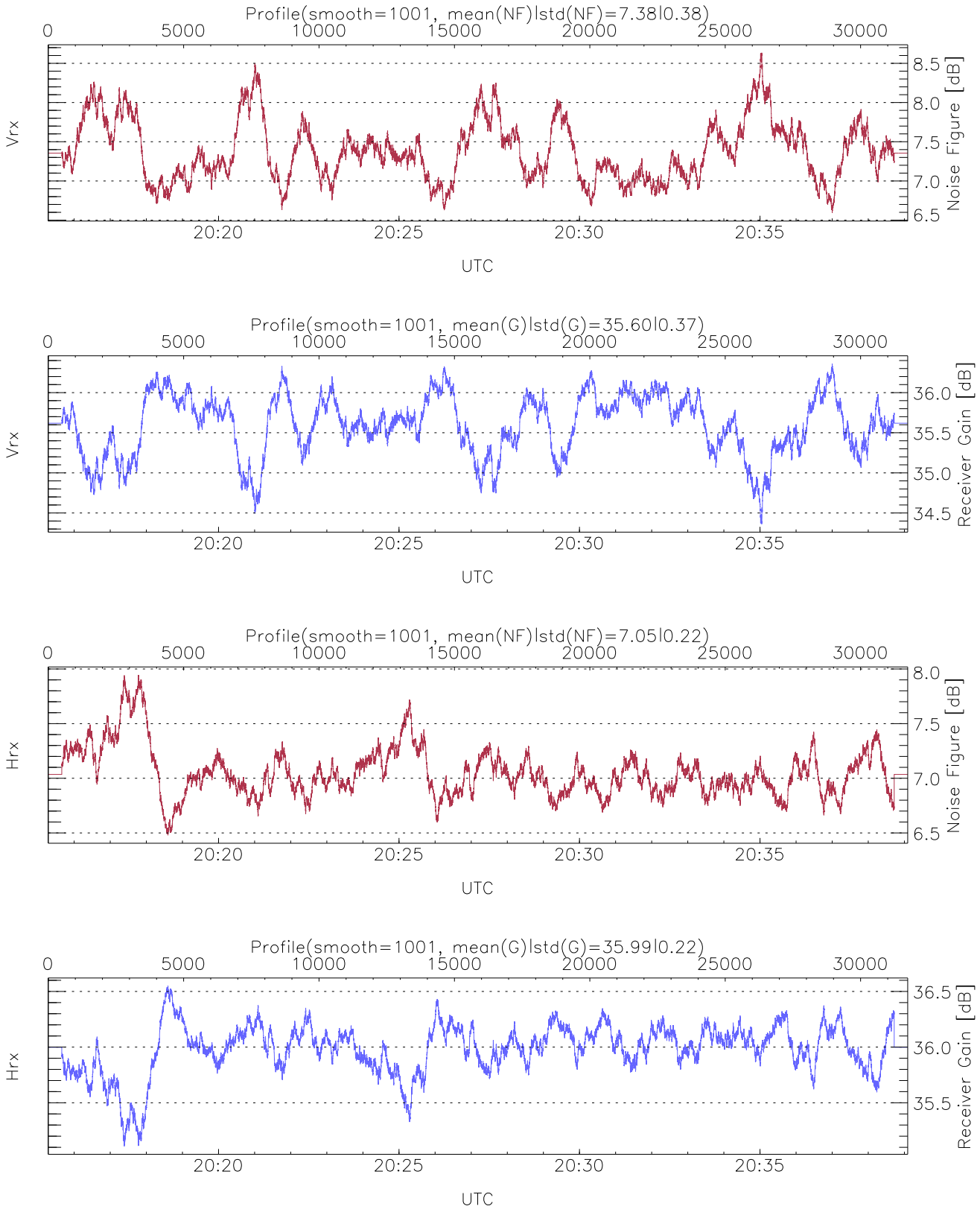
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 20:15:17-20:39:06, 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, 0-31740/20:15:17-20:39:06
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



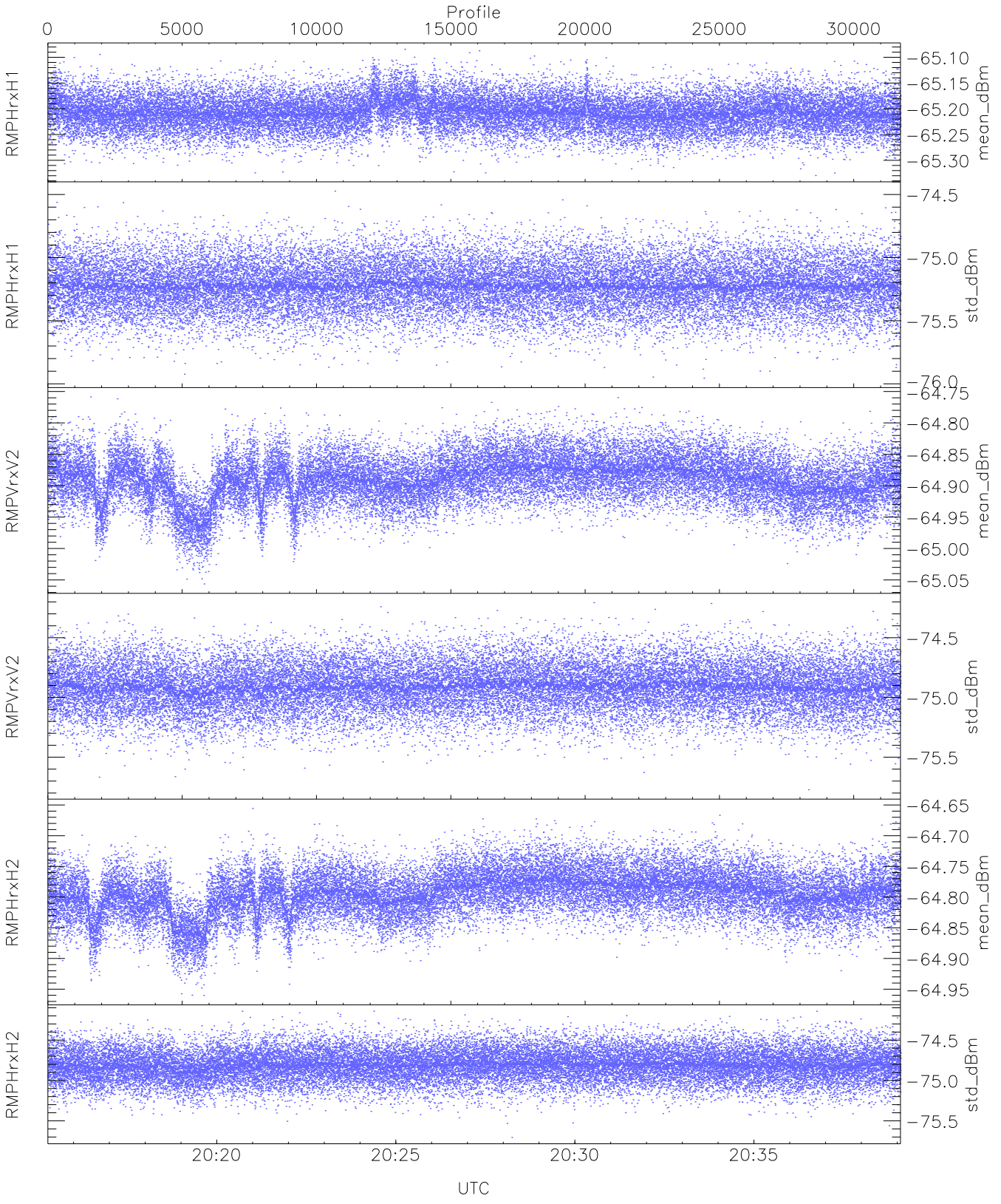
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,26,28,28,29
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,27,28,29,30
LOalarm(20,240,2817,14861 MHz): 0,0,46,0
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,Fault2,DeckF,OverDuty,HVPS,Fault1 (68,68,68,68,90,68,68,68)



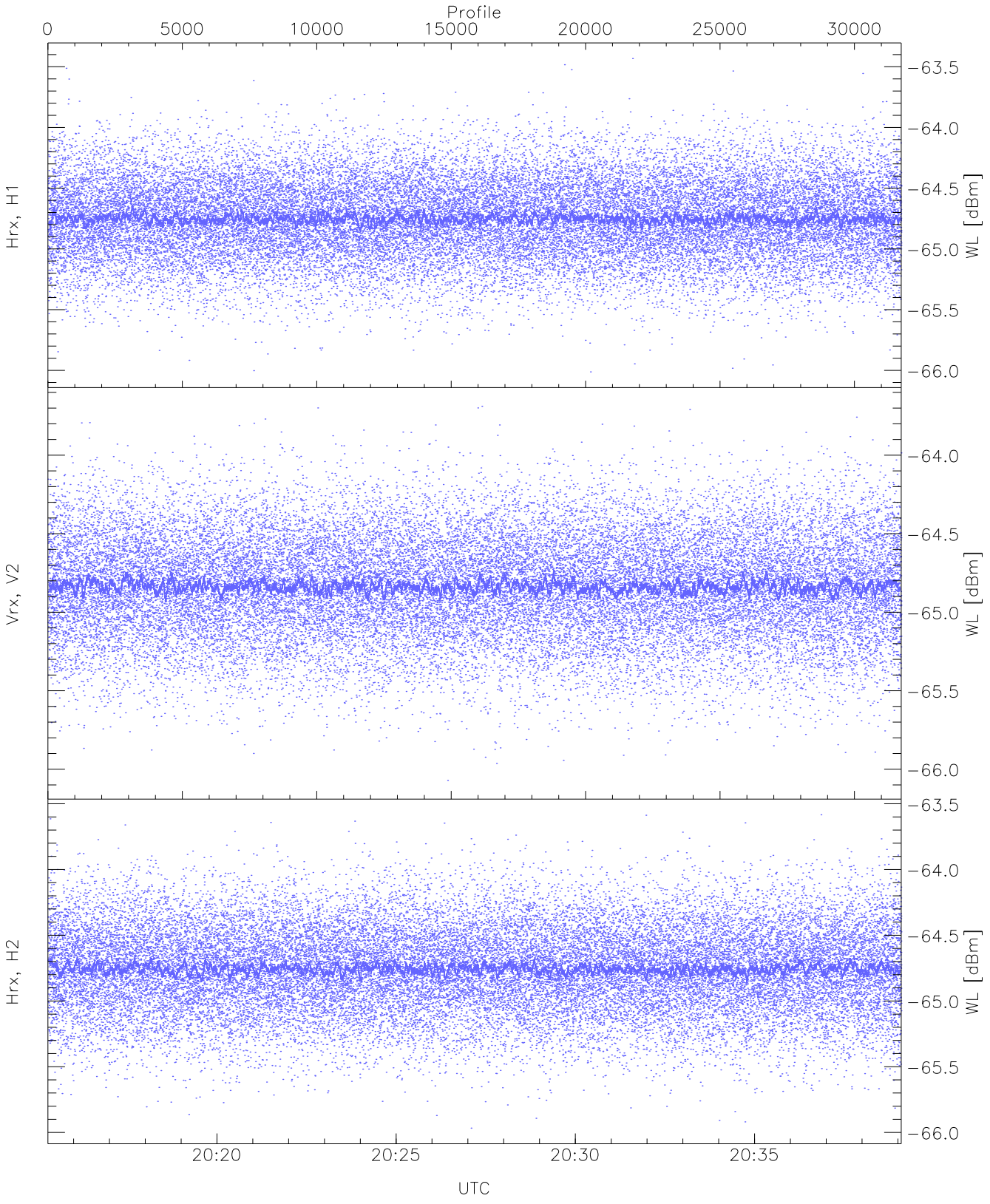
WCR3 CPP Receivers Gain and Noise Figure

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



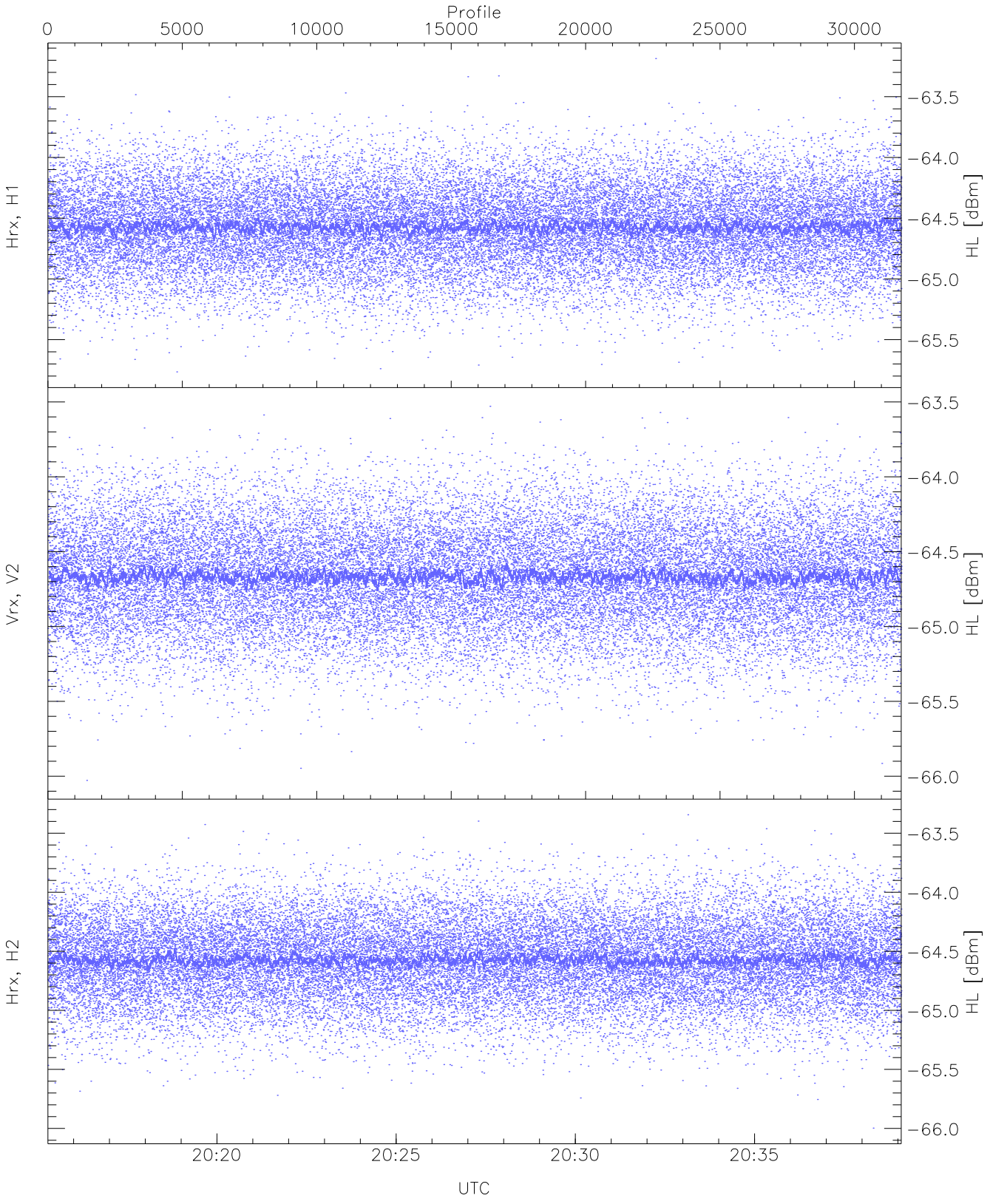
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.33	-65.08	-65.21	-65.21	-86.67
RMPHrxH1(std_dBm)	-75.96	-74.47	-75.22	-75.22	-89.00
RMPVrxV2(mean_dBm)	-65.06	-64.76	-64.89	-64.89	-85.64
RMPVrxV2(std_dBm)	-75.77	-74.21	-74.91	-74.91	-88.67
RMPHrxH2(mean_dBm)	-64.96	-64.66	-64.80	-64.79	-85.61
RMPHrxH2(std_dBm)	-75.71	-74.14	-74.81	-74.81	-88.59



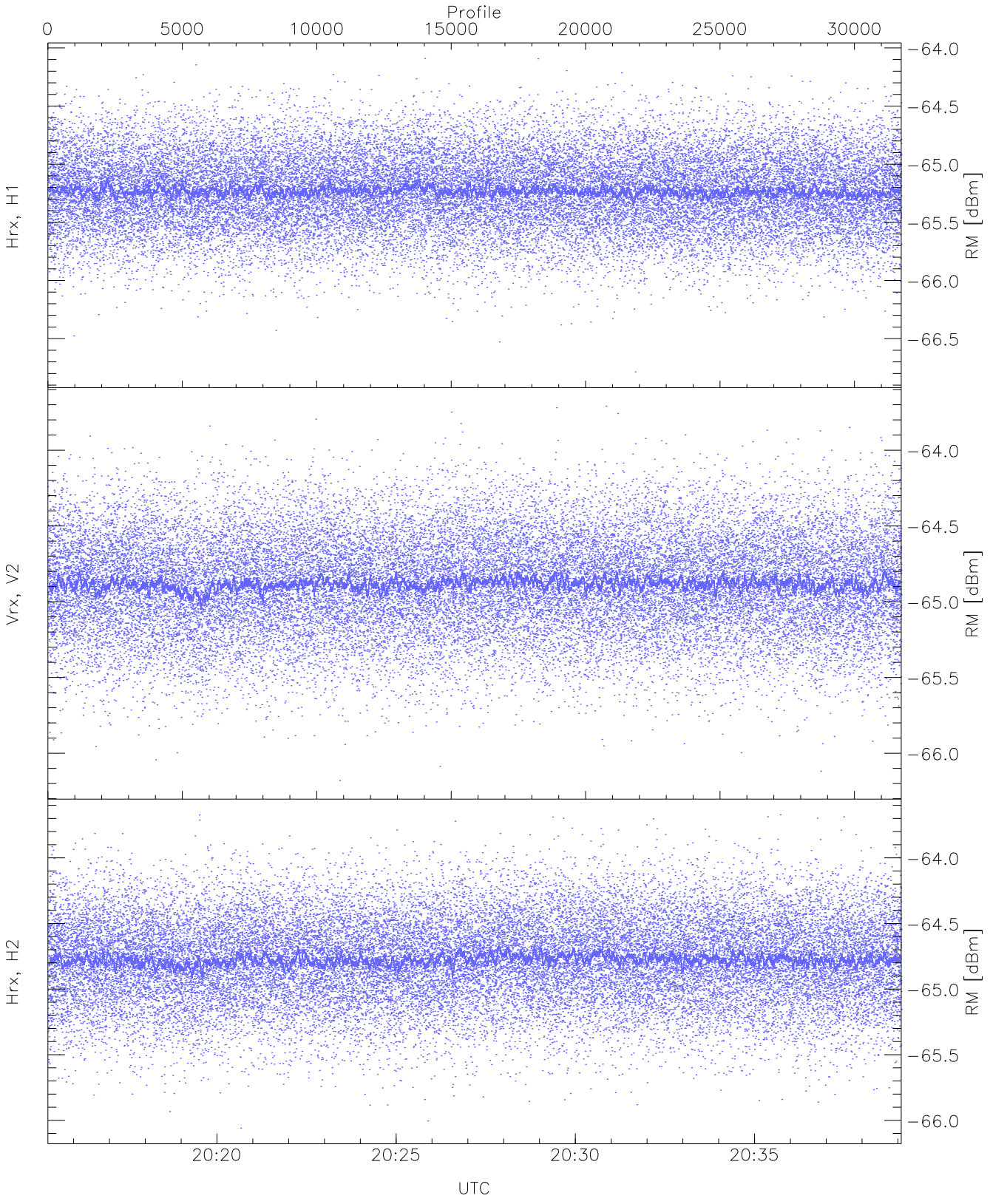
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.01	-63.43	-64.74	-64.75	-76.26
Vrx, V2(WL [dBm])	-66.07	-63.69	-64.83	-64.84	-76.36
Hrx, H2(WL [dBm])	-65.97	-63.58	-64.75	-64.76	-76.24



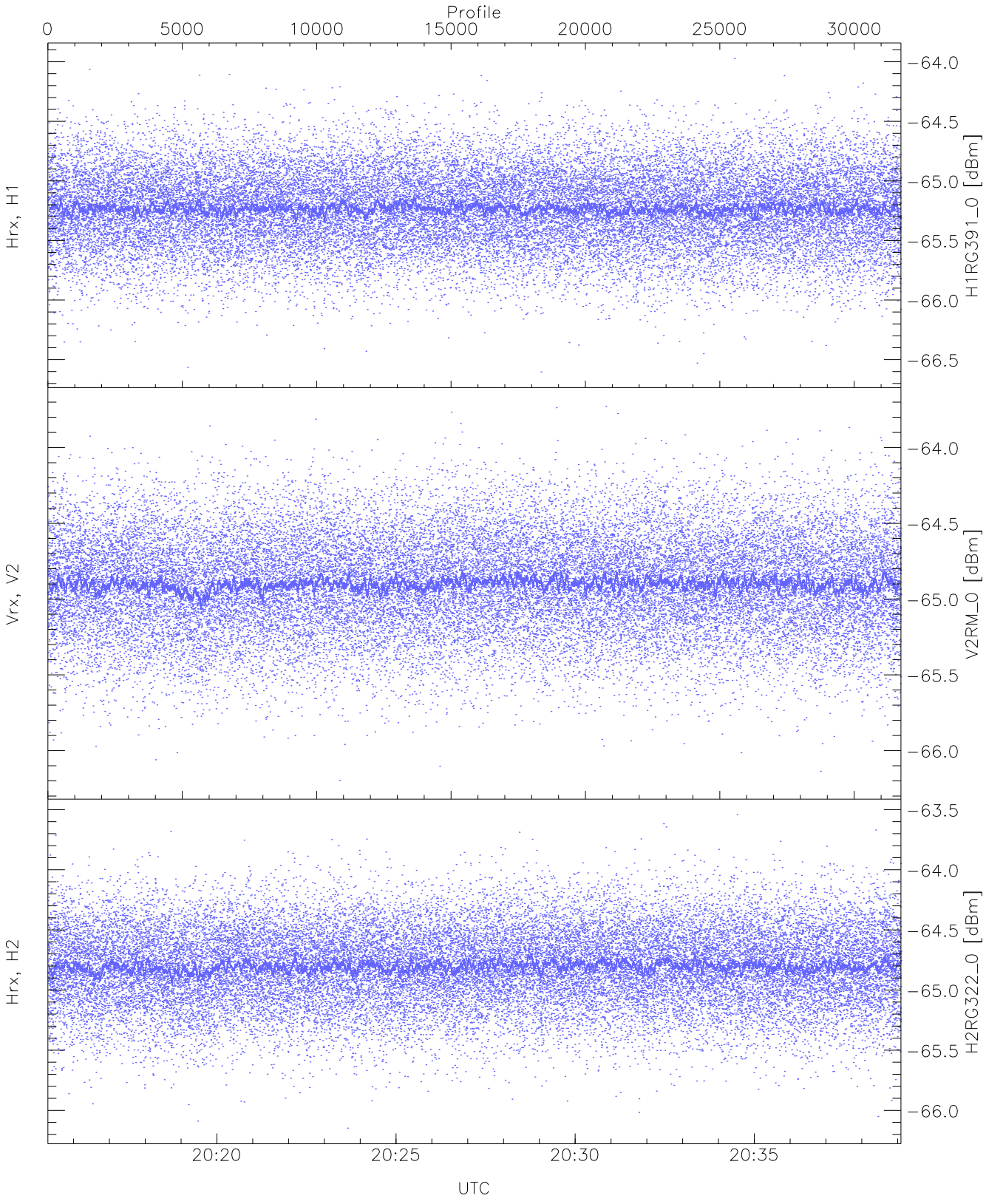
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.77	-63.19	-64.57	-64.57	-76.07
Vrx, V2(HL [dBm])	-66.03	-63.53	-64.66	-64.67	-76.16
Hrx, H2(HL [dBm])	-66.00	-63.34	-64.57	-64.57	-76.07



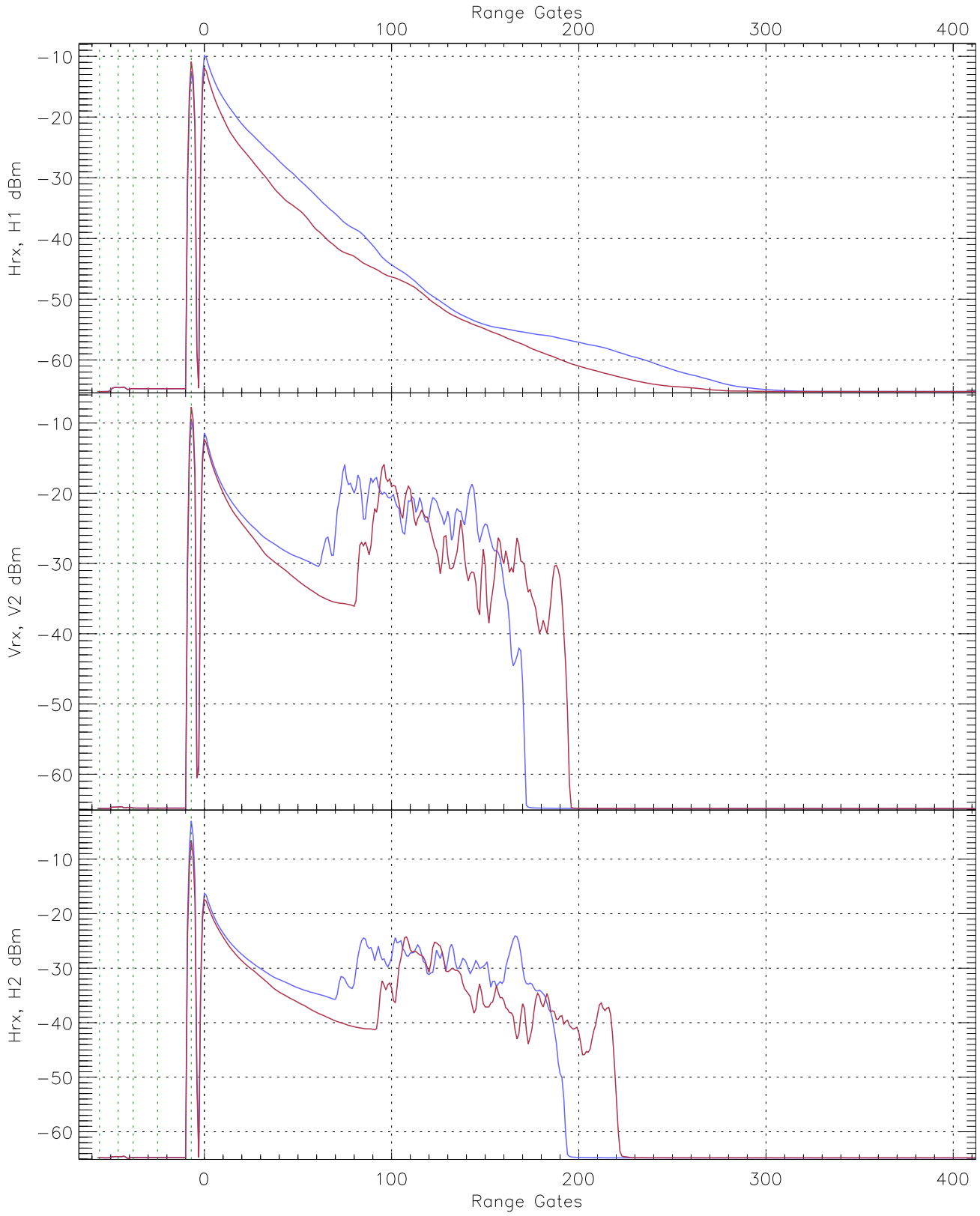
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.79	-64.09	-65.23	-65.23	-76.73
Vrx, V2(RM [dBm])	-66.18	-63.71	-64.88	-64.88	-76.42
Hrx, H2(RM [dBm])	-66.06	-63.67	-64.77	-64.77	-76.28

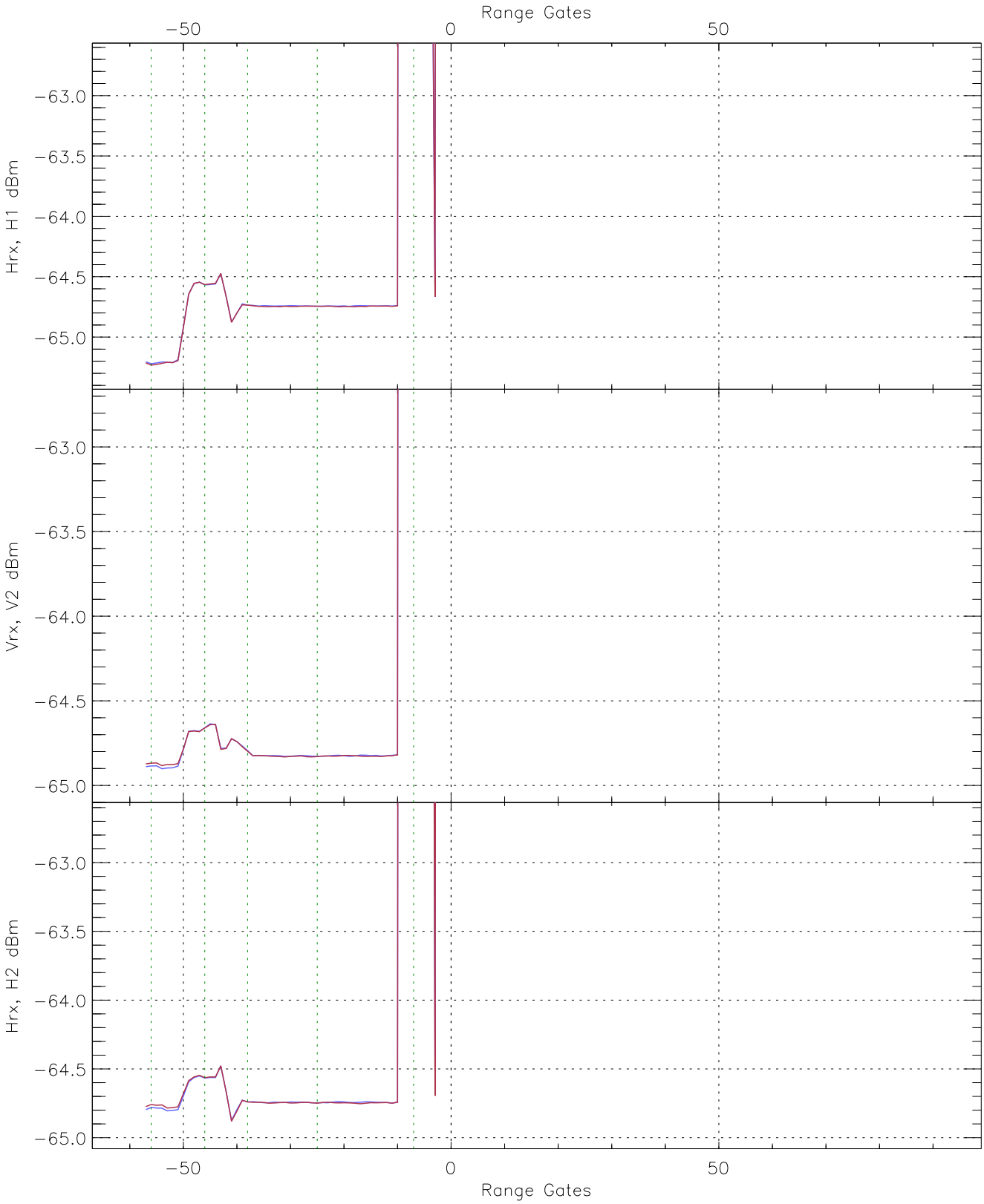


WCR3 CPP "Best" estimate Receivers Noise Power

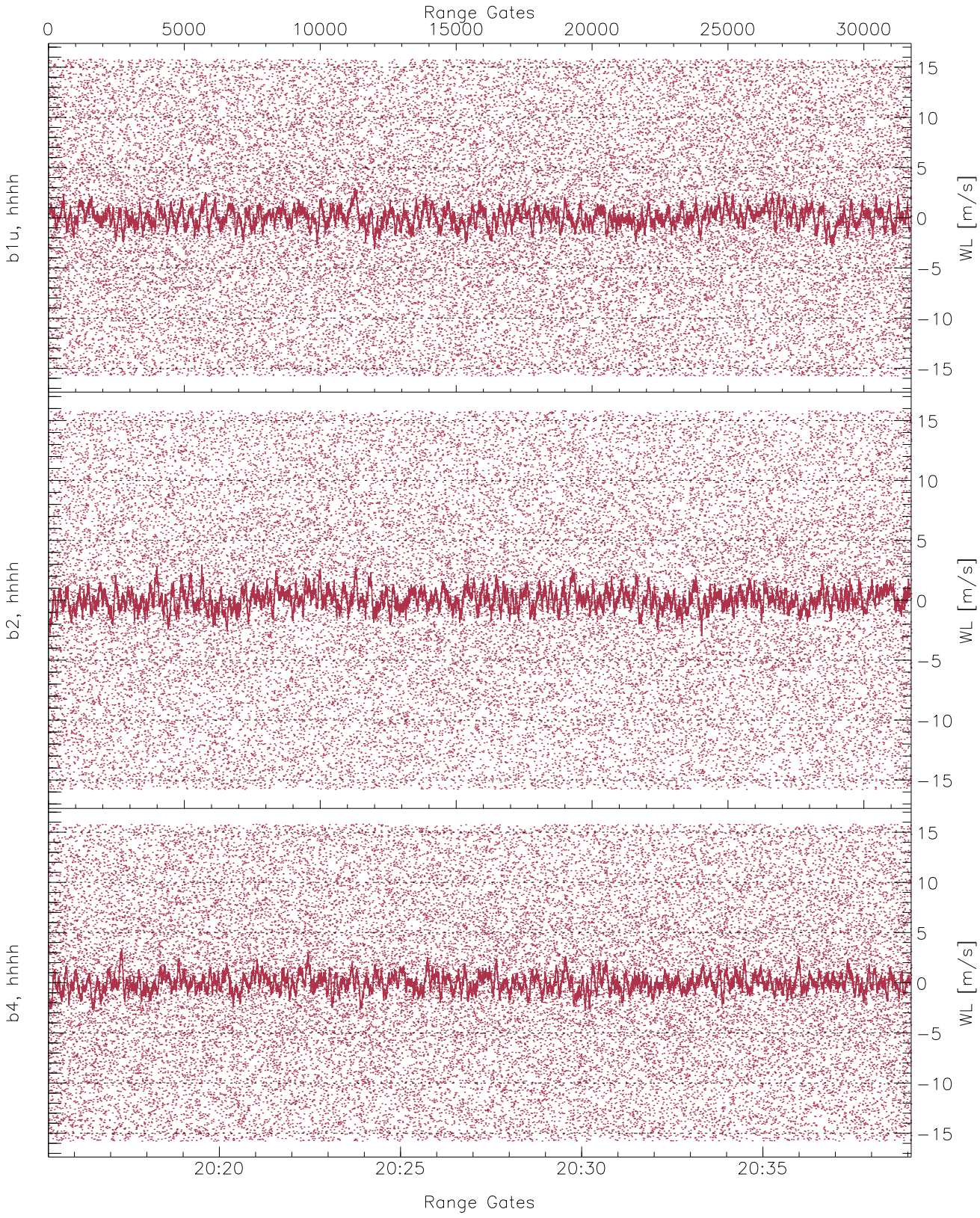
	Min	Max	Mean	Median	StDev
H1RG391_0 [dBm]	-66.60	-63.97	-65.23	-65.23	-76.71
V2RM_0 [dBm]	-66.20	-63.73	-64.89	-64.90	-76.43
H2RG322_0 [dBm]	-66.15	-63.54	-64.80	-64.81	-76.31



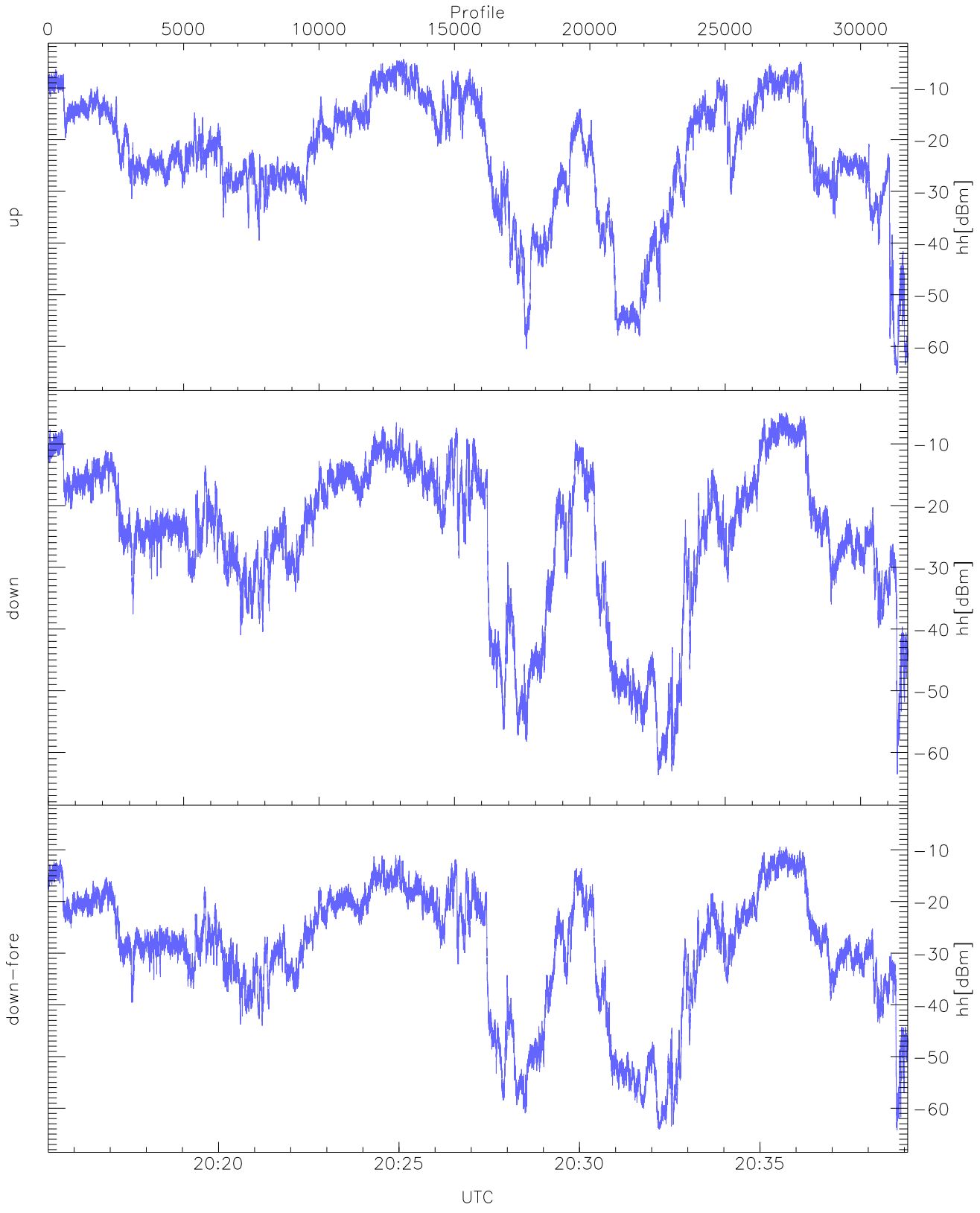
WCR3 CPP Averaged Received power for all recorded gates
blue: 201517-202711, 15871 profiles averaged
red: 202711-203906, 15871 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 201517-202711, 15871 profiles averaged
red: 202711-203906, 15871 profiles averaged

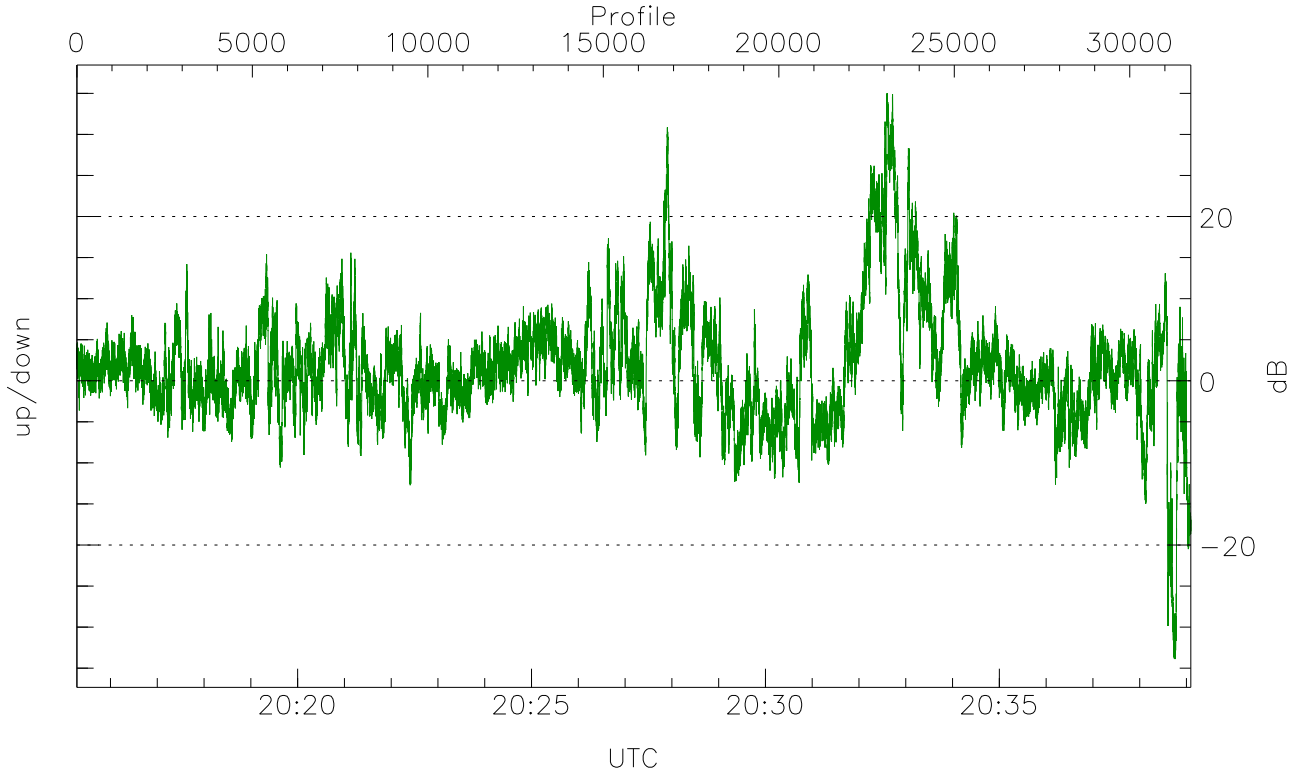


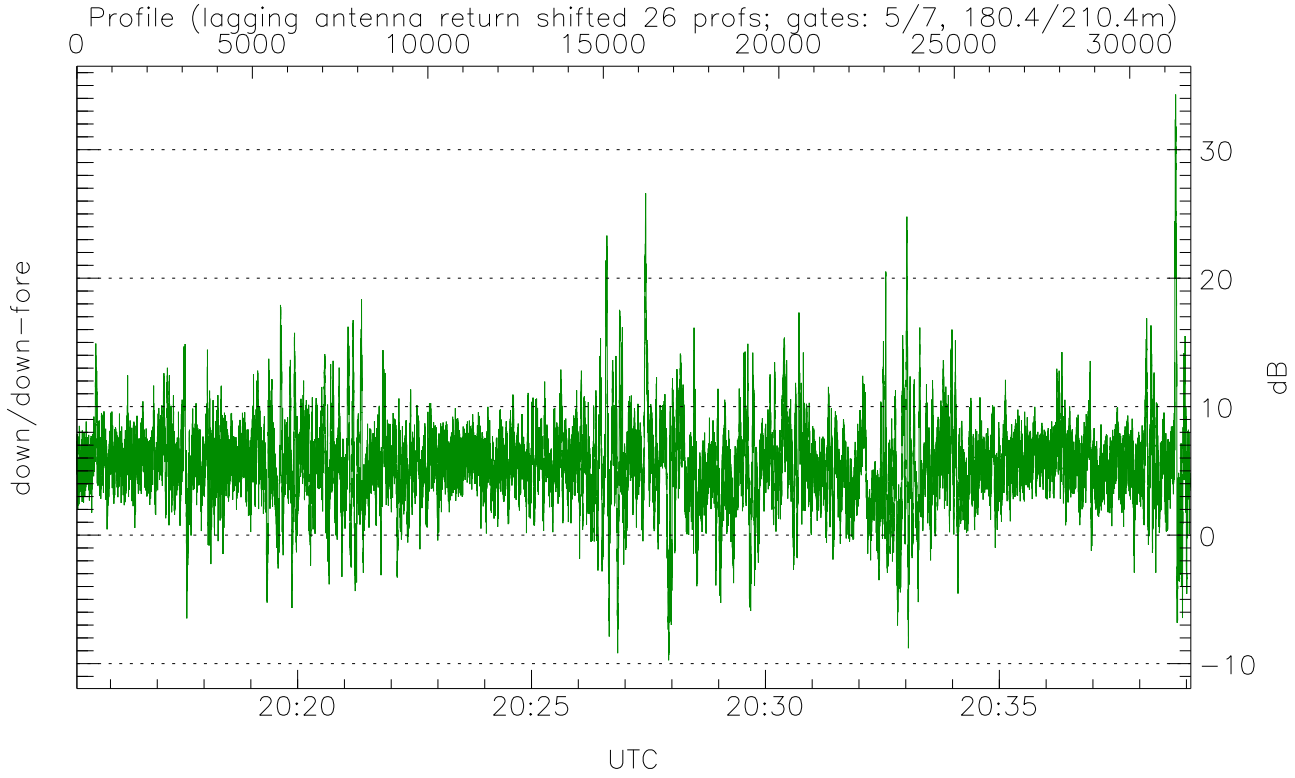
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

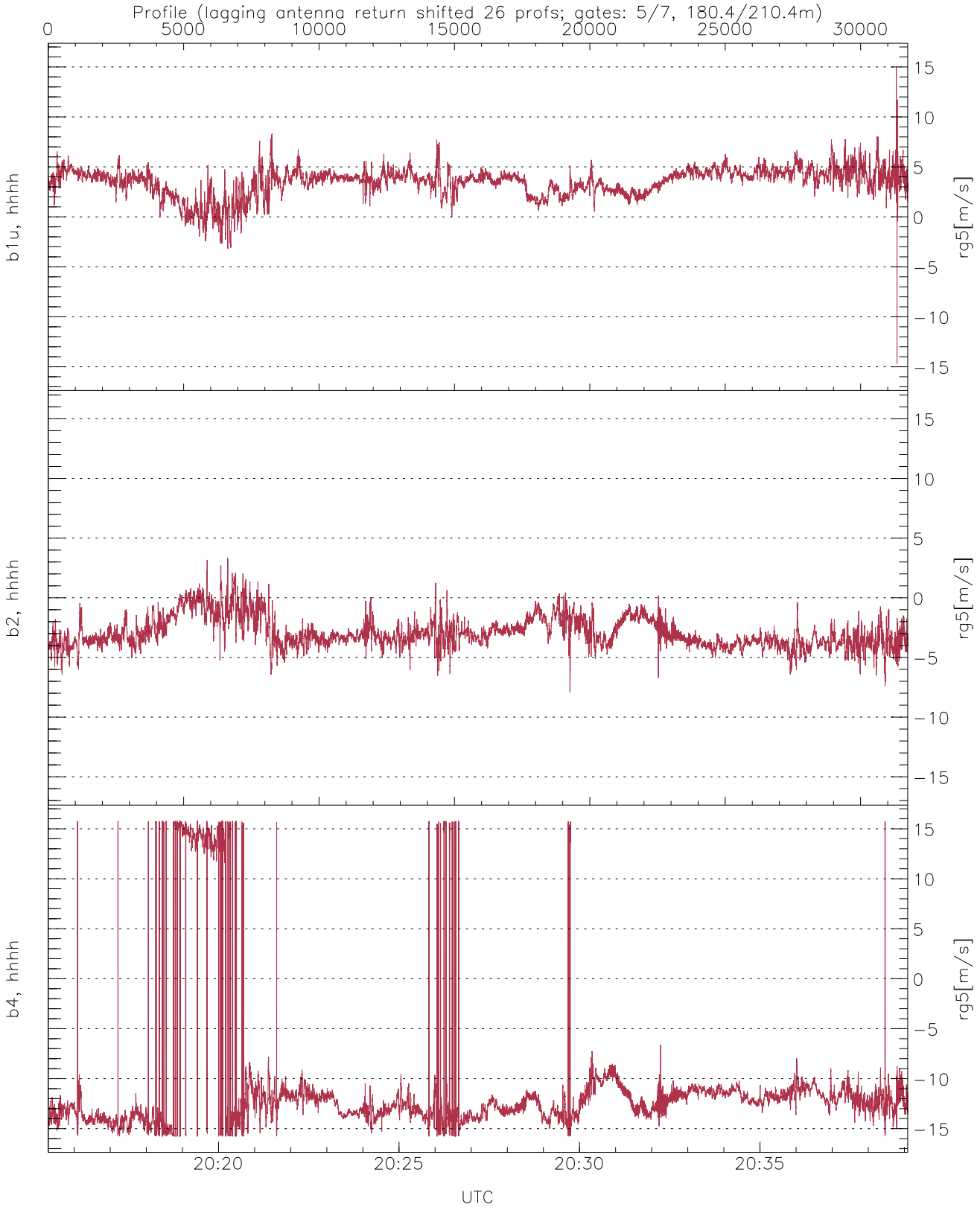
	Min	Max	Mean
up(hh[dBm])	-65.47	-4.40	-14.93
down(hh[dBm])	-63.69	-4.88	-16.31
down-fore(hh[dBm])	-64.20	-9.38	-20.77





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

	Min	Max	Mean
up/down(dB)	-33.89	35.01	1.77
down/down-fore(dB)	-9.74	34.30	5.52



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-14.70	15.03	3.49	1.38
b2, hhhh(rg5[m/s])	-7.91	3.33	-2.91	1.26
b4, hhhh(rg5[m/s])	-15.79	15.79	-10.78	6.86