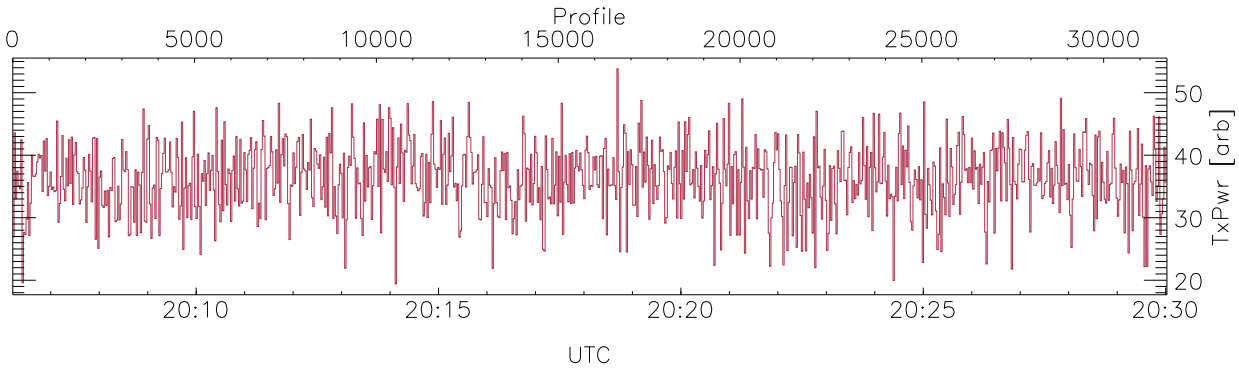
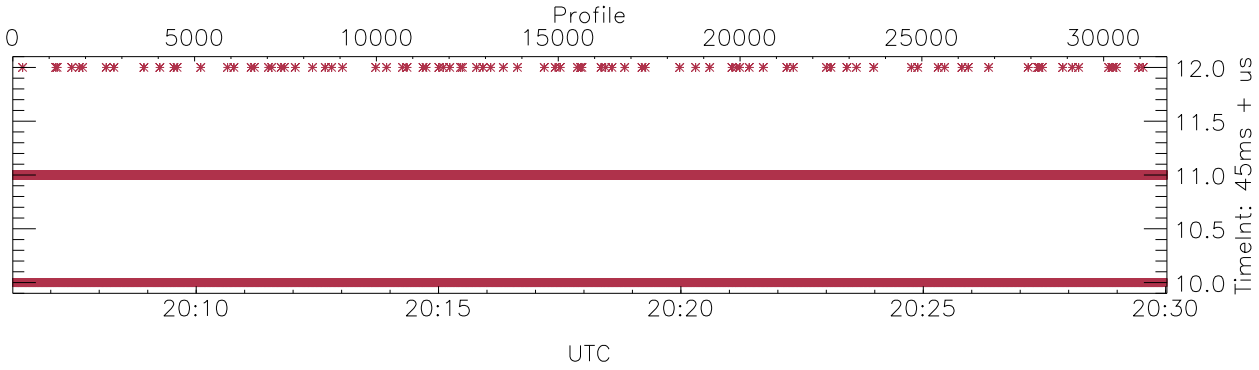
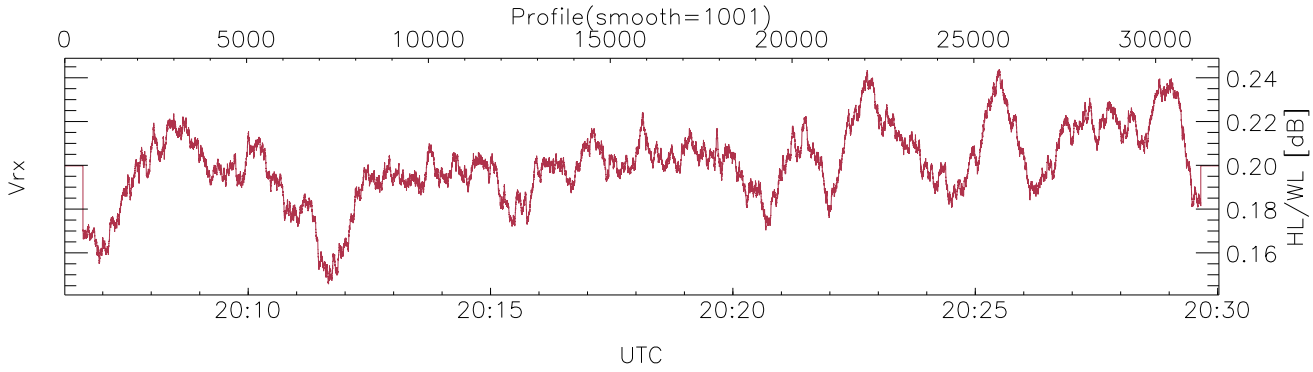
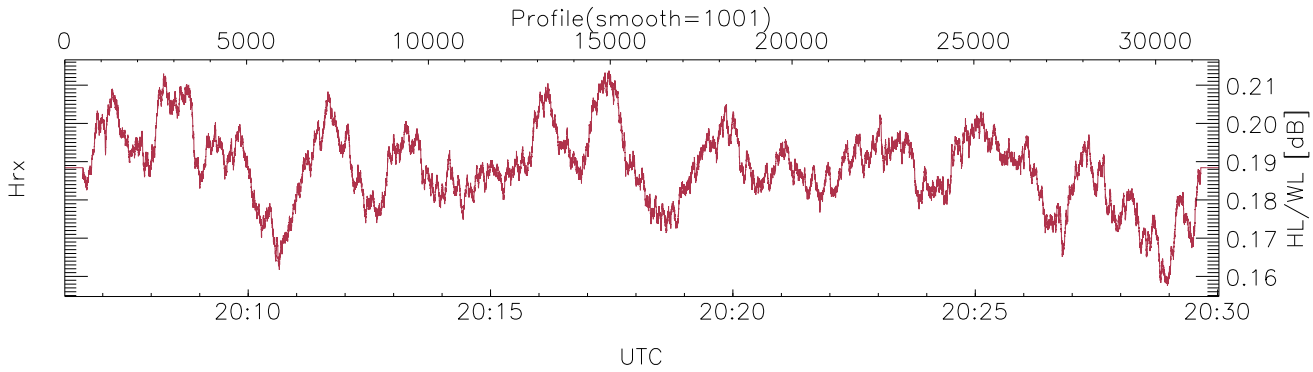


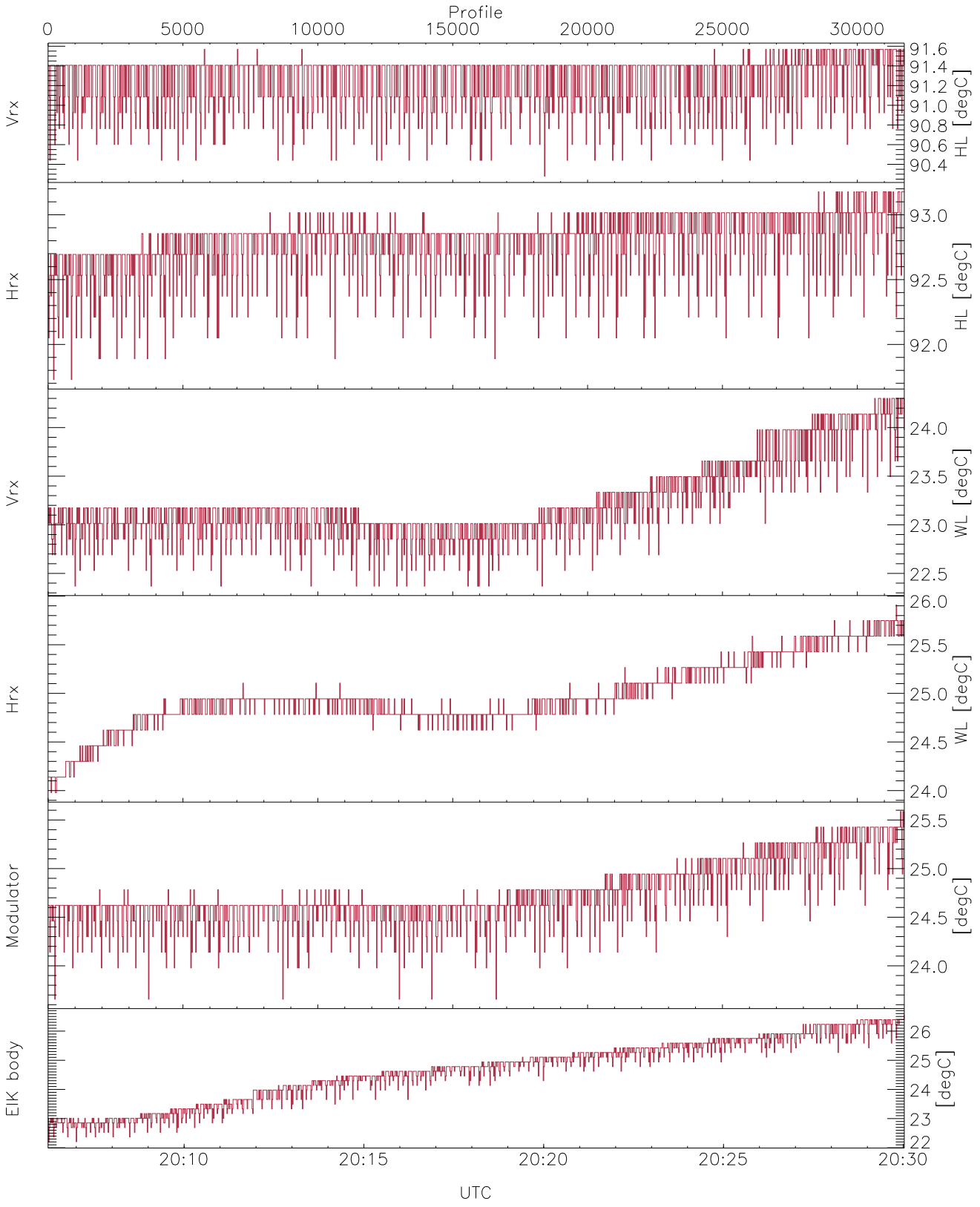






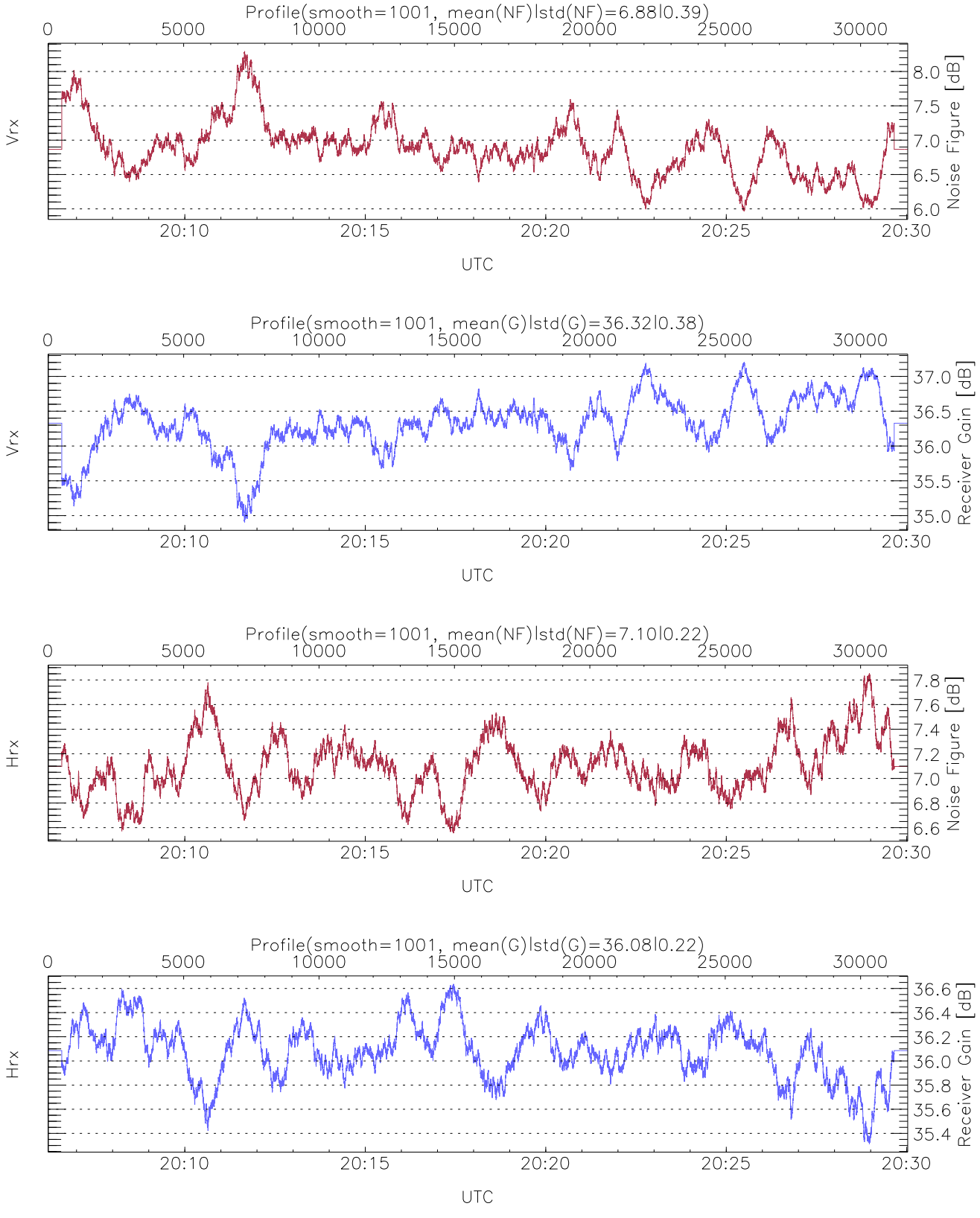
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 20:06:13-20:30:02, TimeCor: 0.00s, Dur: 1428.66s
TimeFlg: 2, 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, 0-31740/20:06:13-20:30:02
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|sideluperror): 1



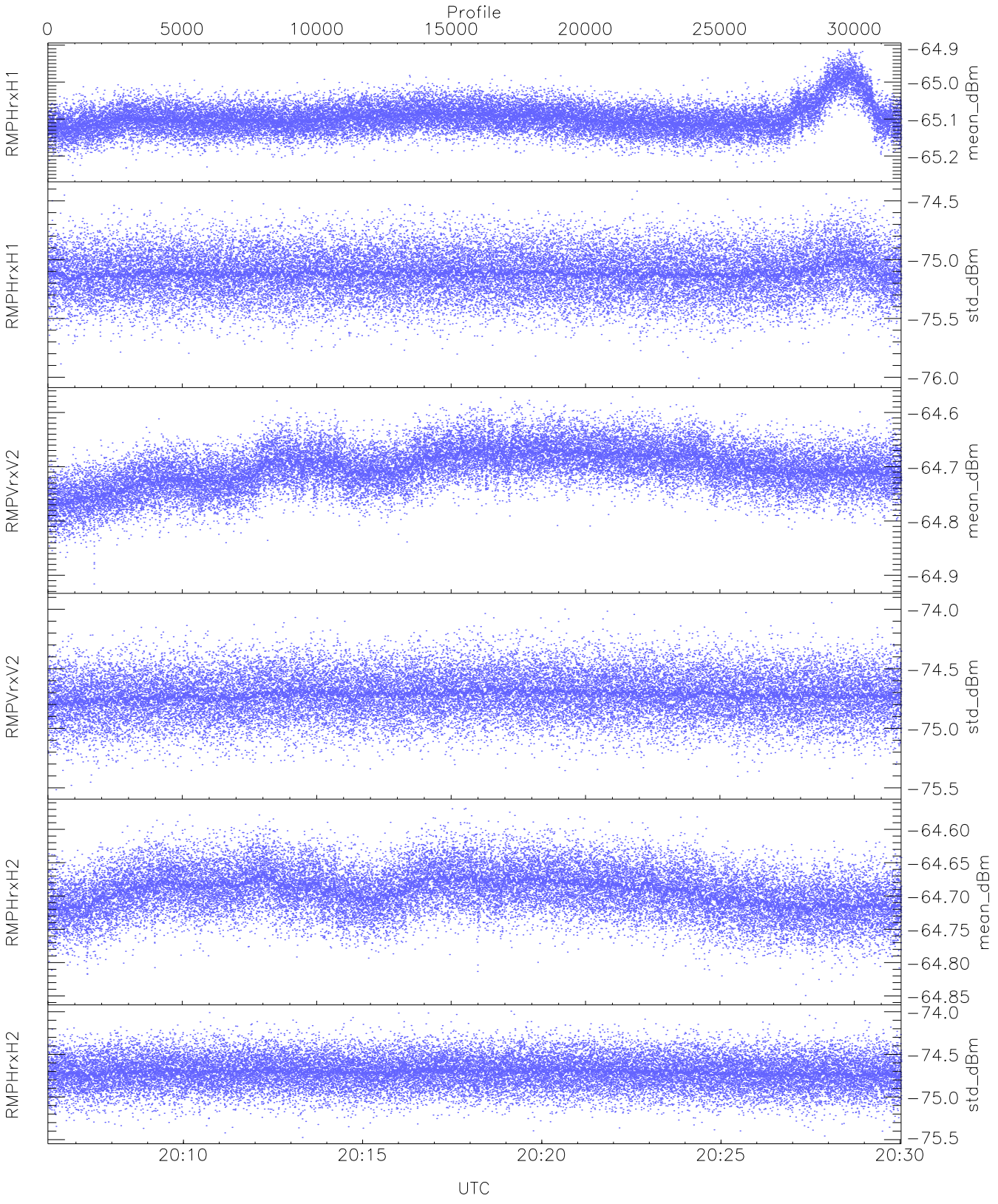
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,22,23,23,22
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,24,25,25,26
LOalarm(20,240,2817,14861 MHz): 0,0,22,0
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,Fault2,DeckF,OverDuty,HVPS,Fault1 (142,142,142,72,166,142,142,72)



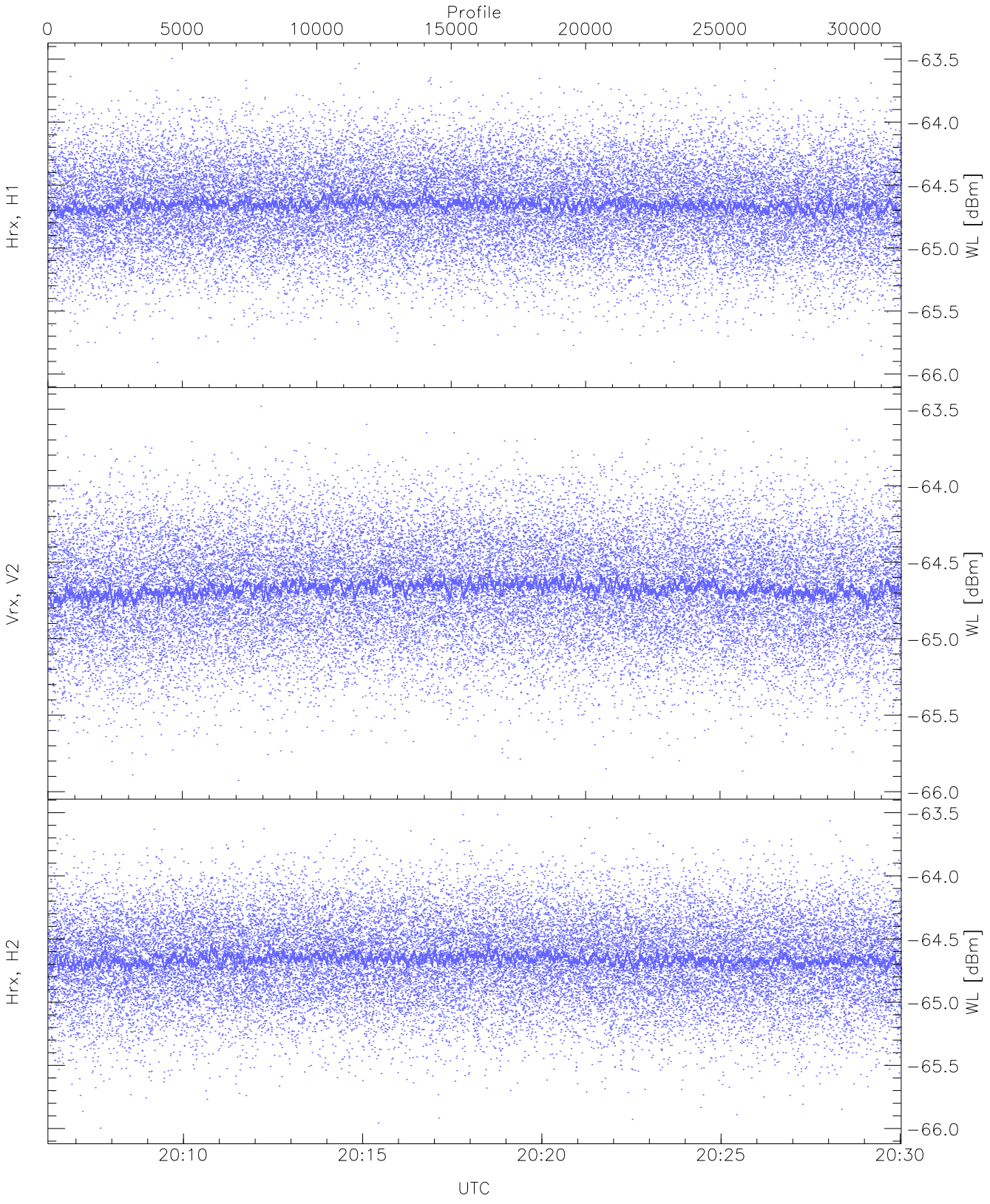
WCR3 CPP Receivers Gain and Noise Figure

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



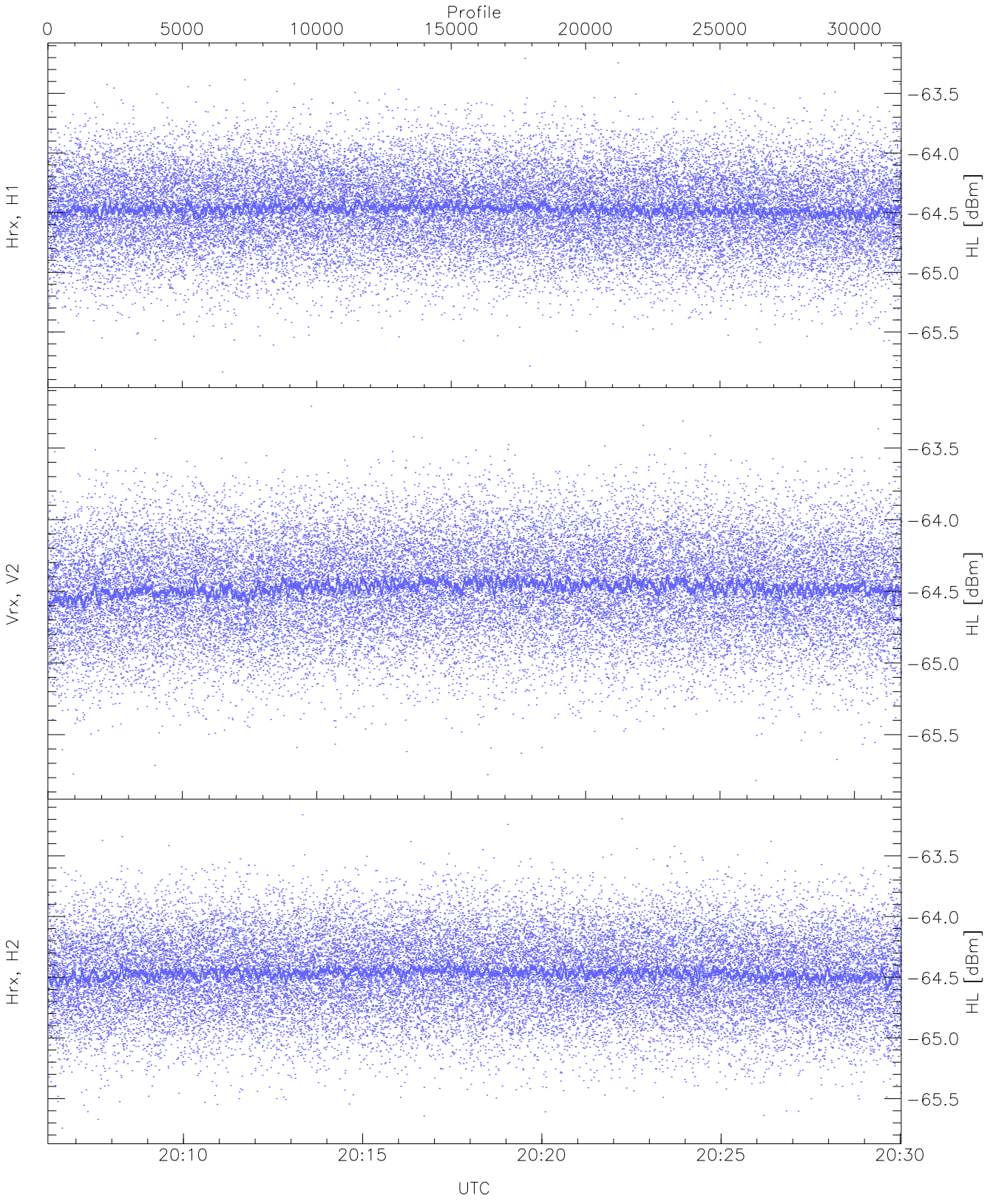
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.25	-64.91	-65.10	-65.10	-85.47
RMPHrxH1(std_dBm)	-76.01	-74.42	-75.11	-75.11	-88.83
RMPVrxV2(mean_dBm)	-64.92	-64.57	-64.70	-64.70	-85.11
RMPVrxV2(std_dBm)	-75.52	-73.94	-74.72	-74.72	-88.47
RMPHrxH2(mean_dBm)	-64.85	-64.57	-64.69	-64.69	-85.76
RMPHrxH2(std_dBm)	-75.47	-73.99	-74.71	-74.71	-88.49



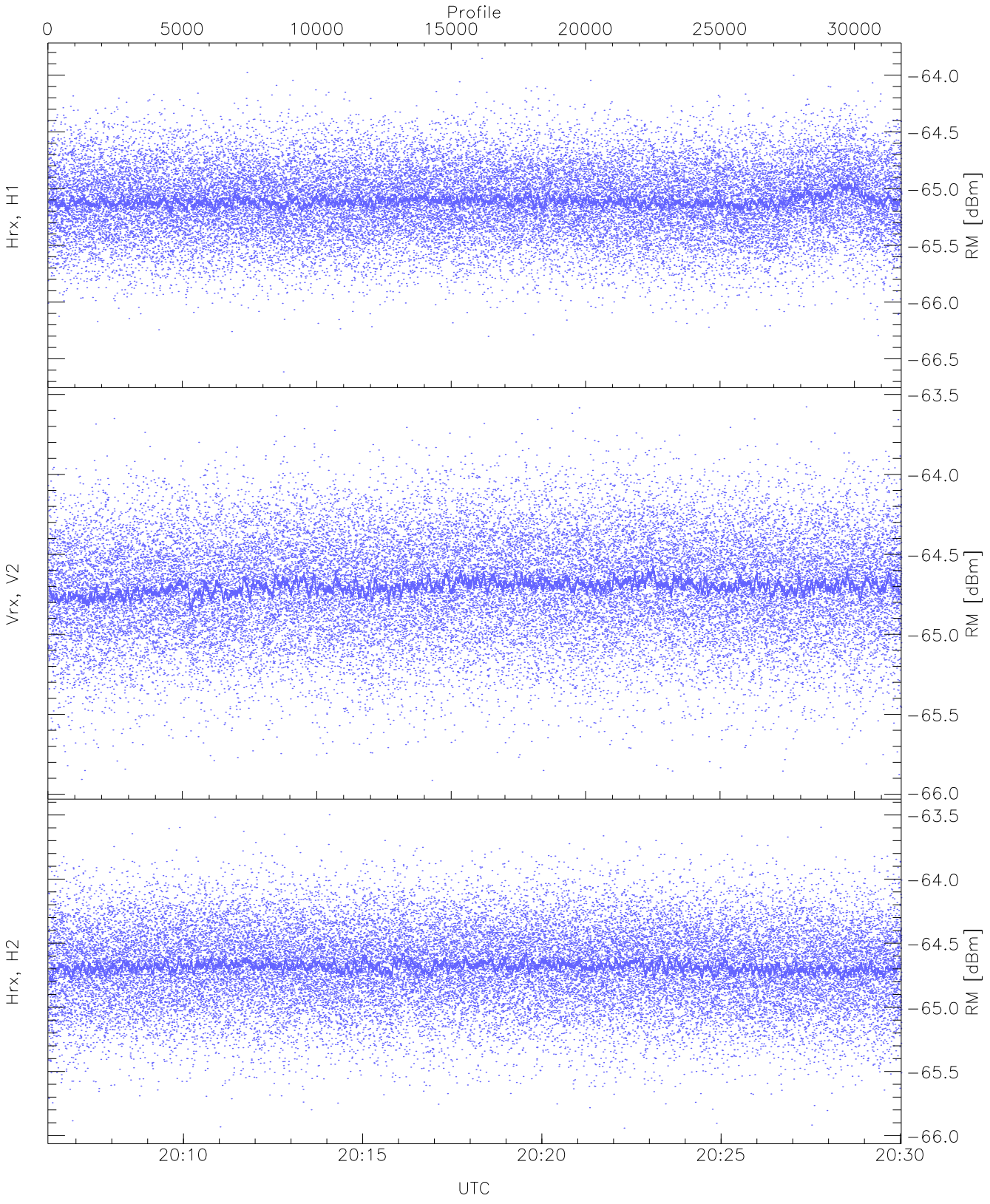
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-65.98	-63.50	-64.65	-64.66	-76.12
Vrx, V2(WL [dBm])	-65.93	-63.48	-64.67	-64.67	-76.16
Hrx, H2(WL [dBm])	-66.00	-63.52	-64.65	-64.66	-76.15



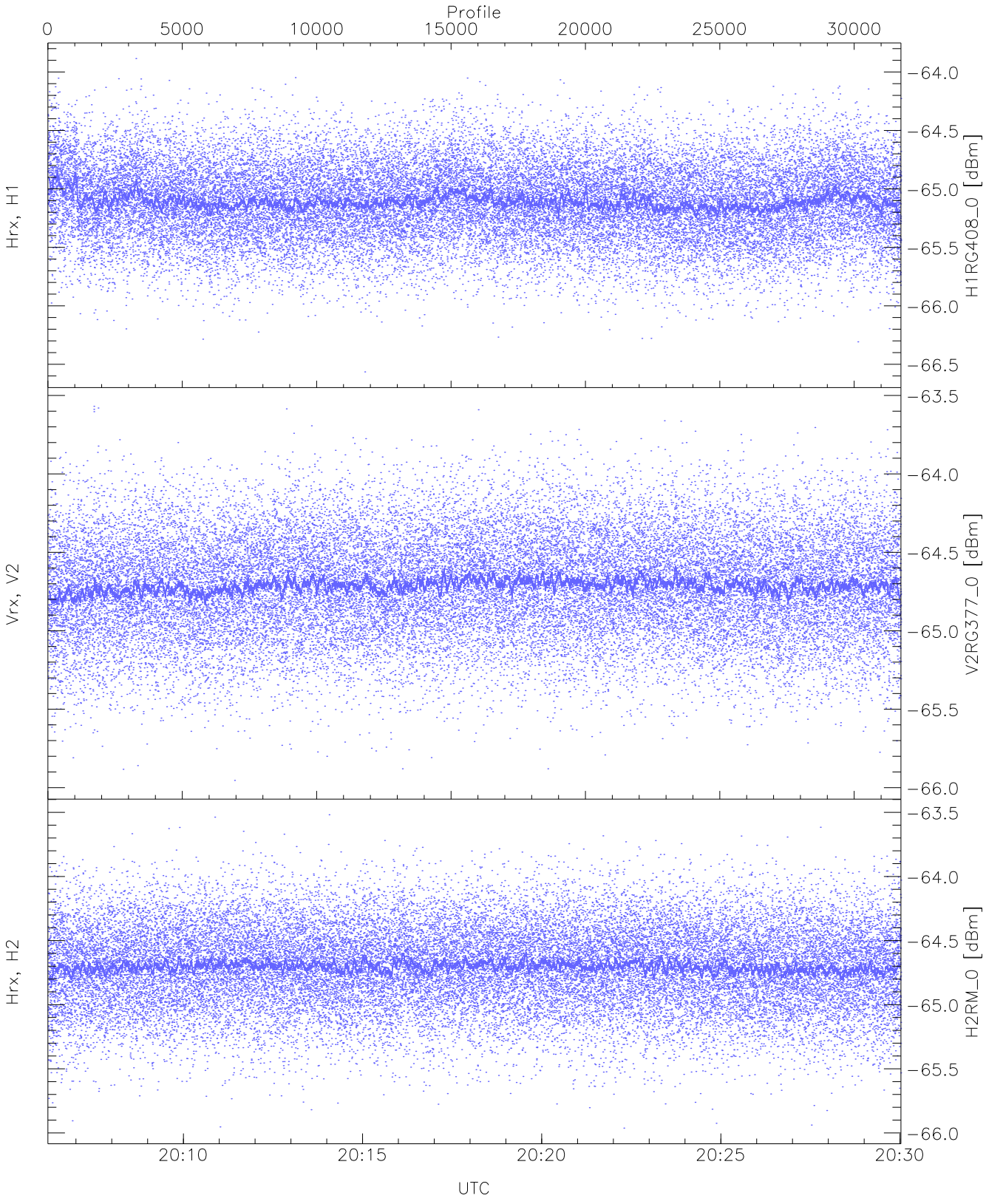
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.84	-63.21	-64.47	-64.47	-75.99
Vrx, V2(HL [dBm])	-65.82	-63.21	-64.47	-64.47	-75.97
Hrx, H2(HL [dBm])	-65.74	-63.16	-64.46	-64.47	-75.93



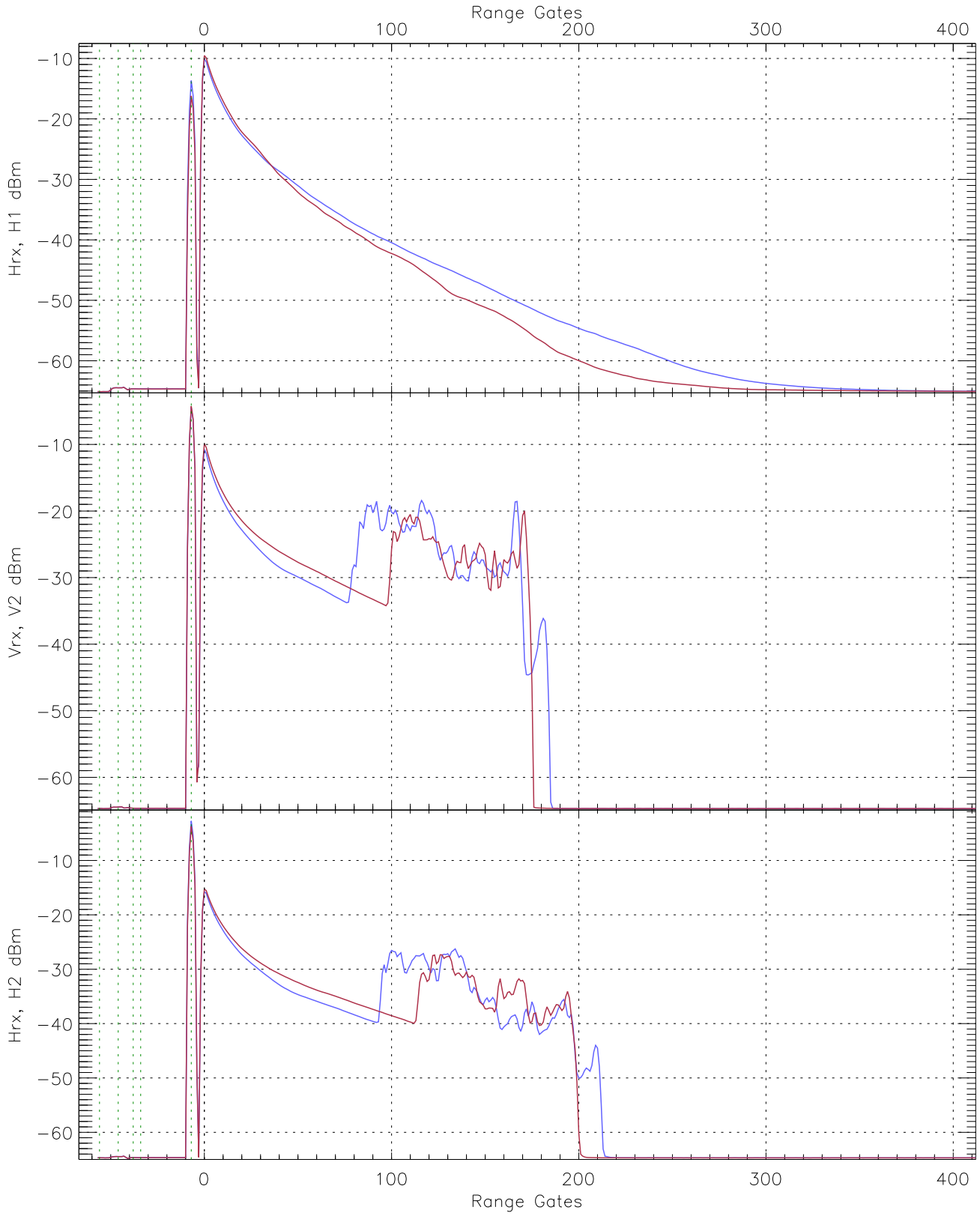
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.62	-63.85	-65.10	-65.11	-76.59
Vrx, V2(RM [dBm])	-65.91	-63.57	-64.69	-64.70	-76.20
Hrx, H2(RM [dBm])	-65.94	-63.50	-64.68	-64.68	-76.18

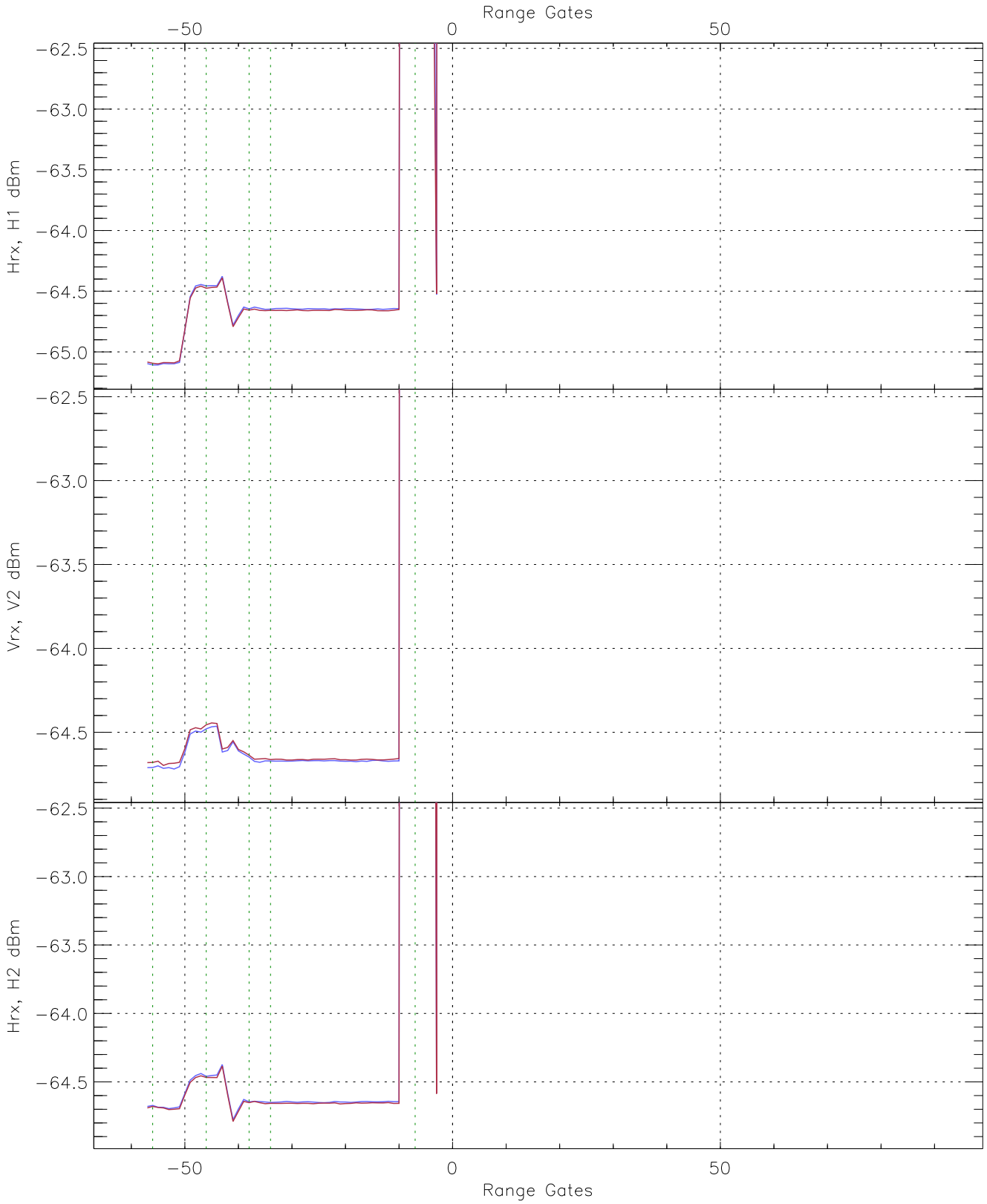


WCR3 CPP "Best" estimate Receivers Noise Power

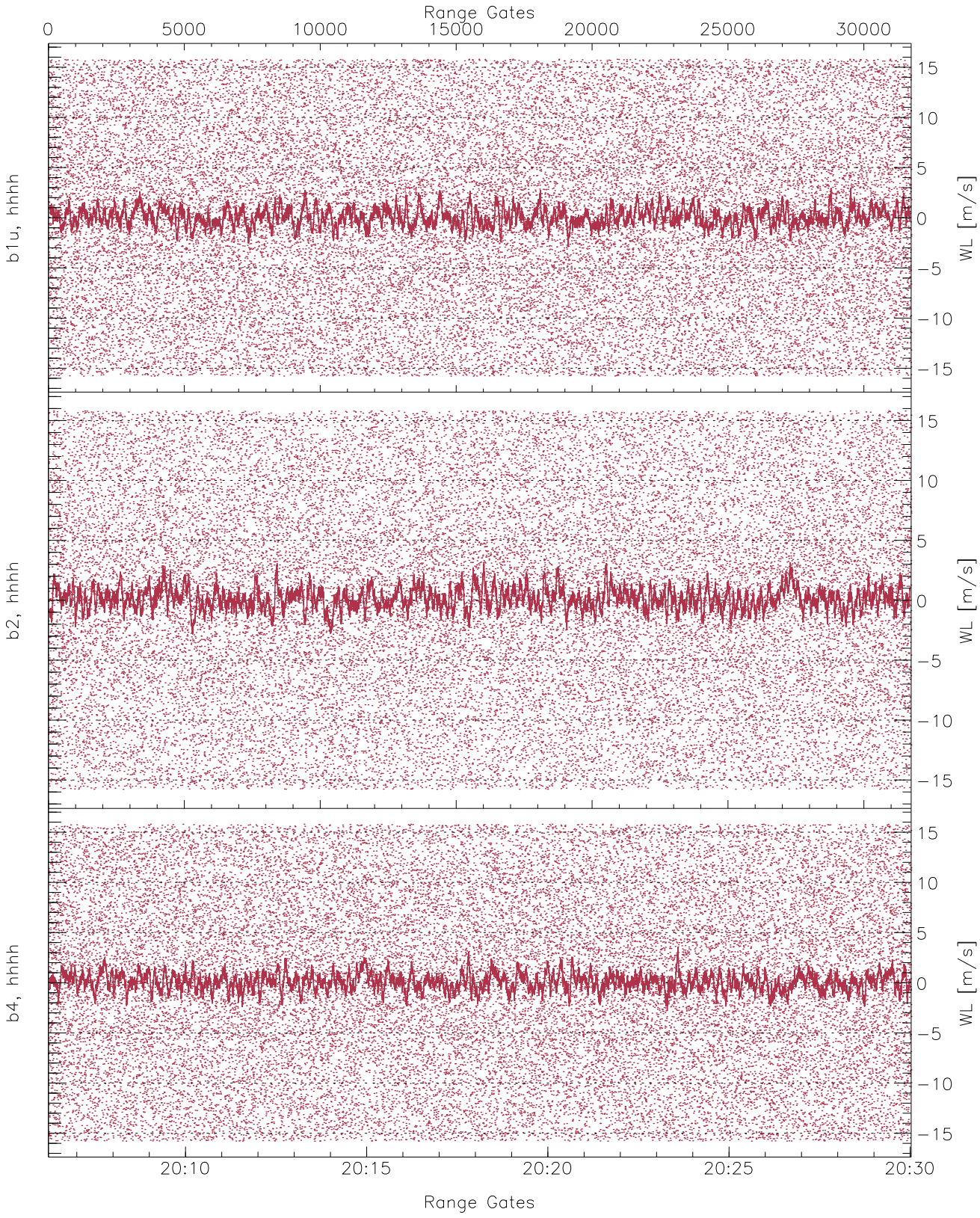
	Min	Max	Mean	Median	StDev
H1RG408_0 [dBm]	-66.57	-63.89	-65.10	-65.11	-76.54
V2RG377_0 [dBm]	-65.95	-63.57	-64.71	-64.71	-76.21
H2RM_0 [dBm]	-65.96	-63.52	-64.70	-64.70	-76.20



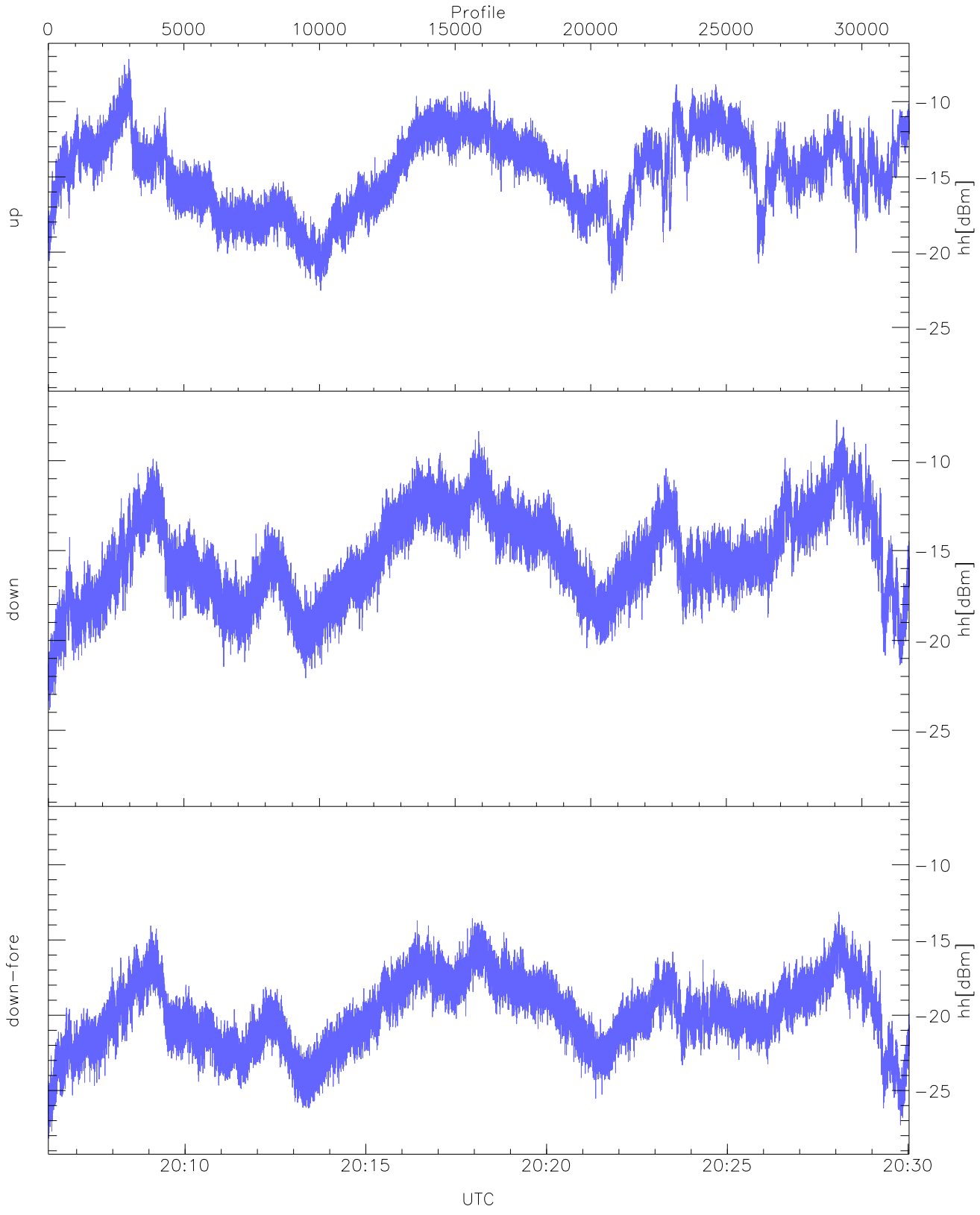
WCR3 CPP Averaged Received power for all recorded gates
blue: 200613-201807, 15871 profiles averaged
red: 201807-203002, 15871 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 200613-201807, 15871 profiles averaged
red: 201807-203002, 15871 profiles averaged

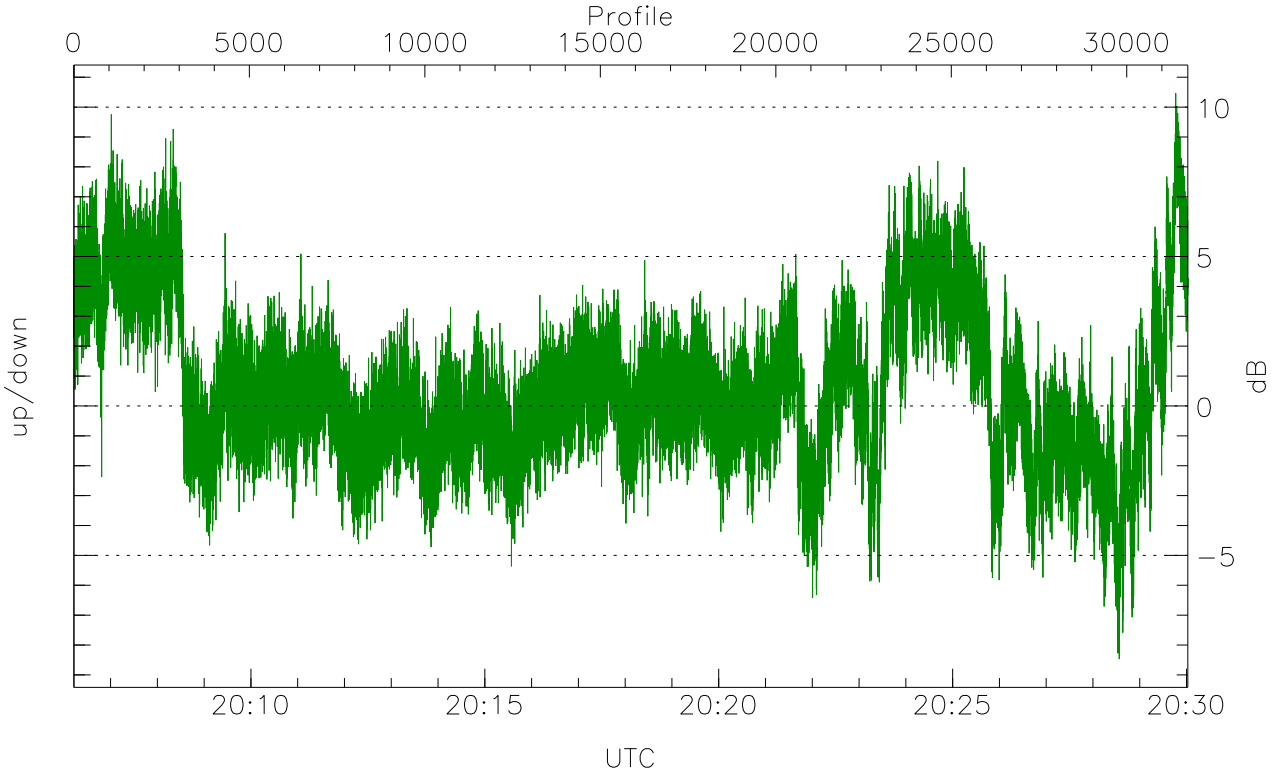


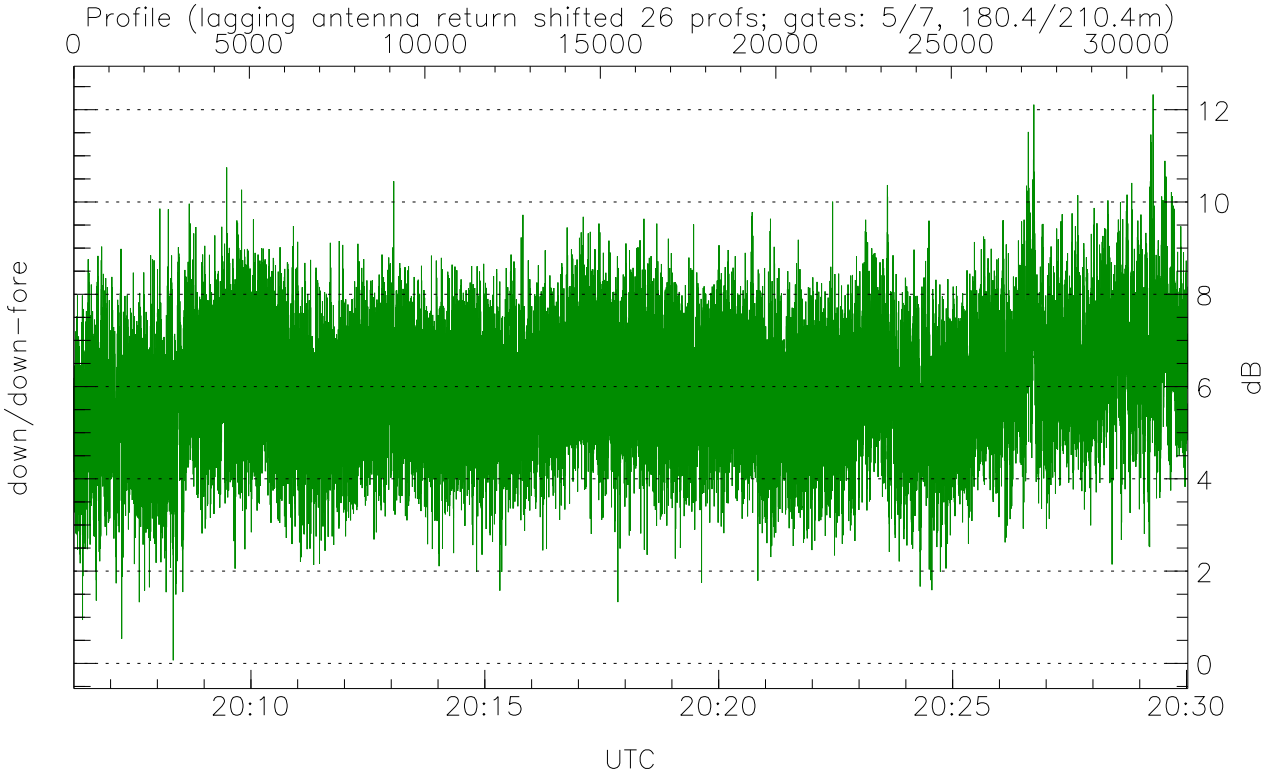
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

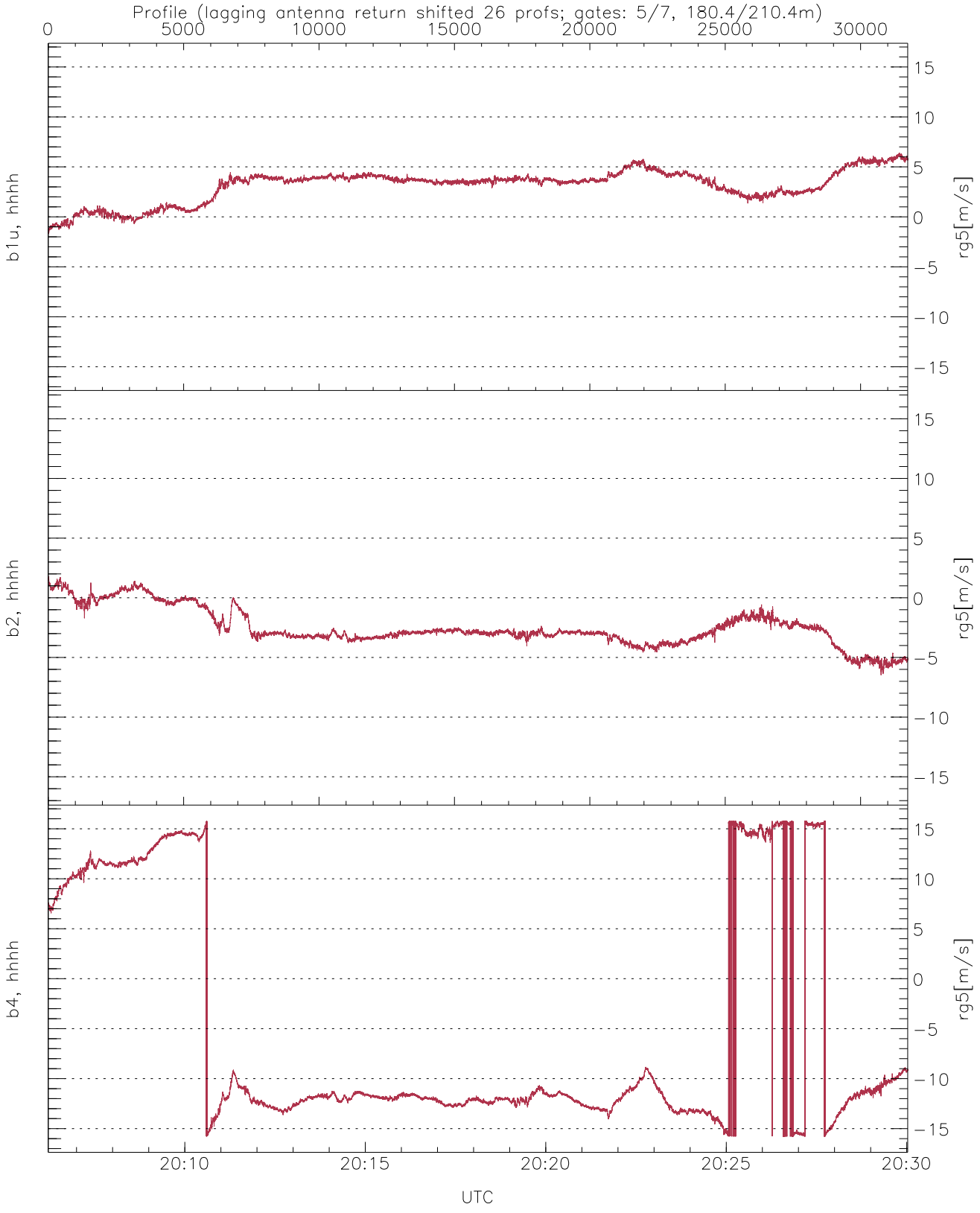
	Min	Max	Mean
up(hh[dBm])	-22.74	-7.18	-13.98
down(hh[dBm])	-23.87	-7.73	-14.62
down-fore(hh[dBm])	-28.18	-13.14	-19.32





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

	Min	Max	Mean
up/down(dB)	-8.47	10.46	0.62
down/down-fore(dB)	0.07	12.33	5.96



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-1.70	6.43	3.13	1.62
b2, hhhh(rg5[m/s])	-6.48	1.80	-2.51	1.57
b4, hhhh(rg5[m/s])	-15.79	15.79	-5.22	11.43