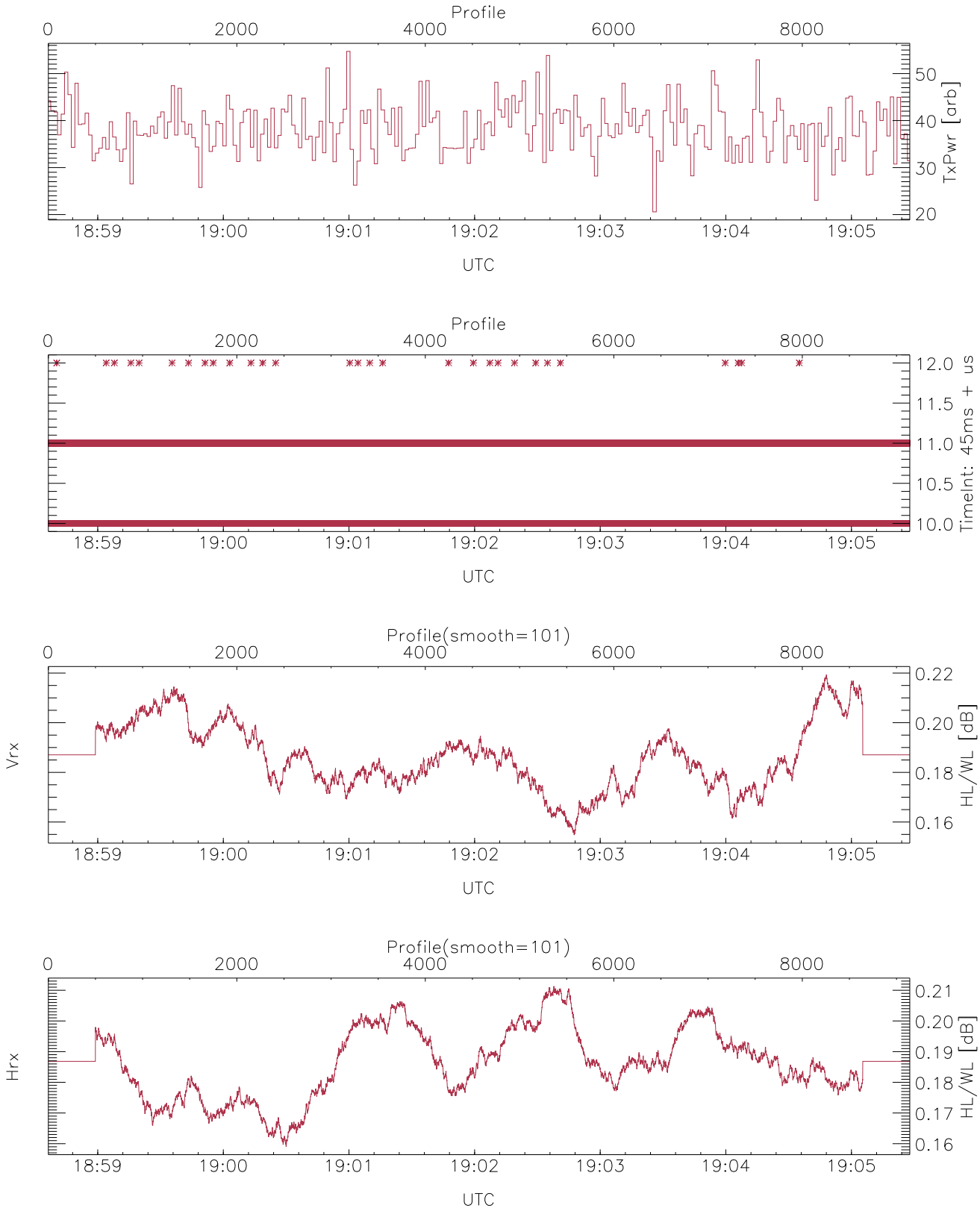
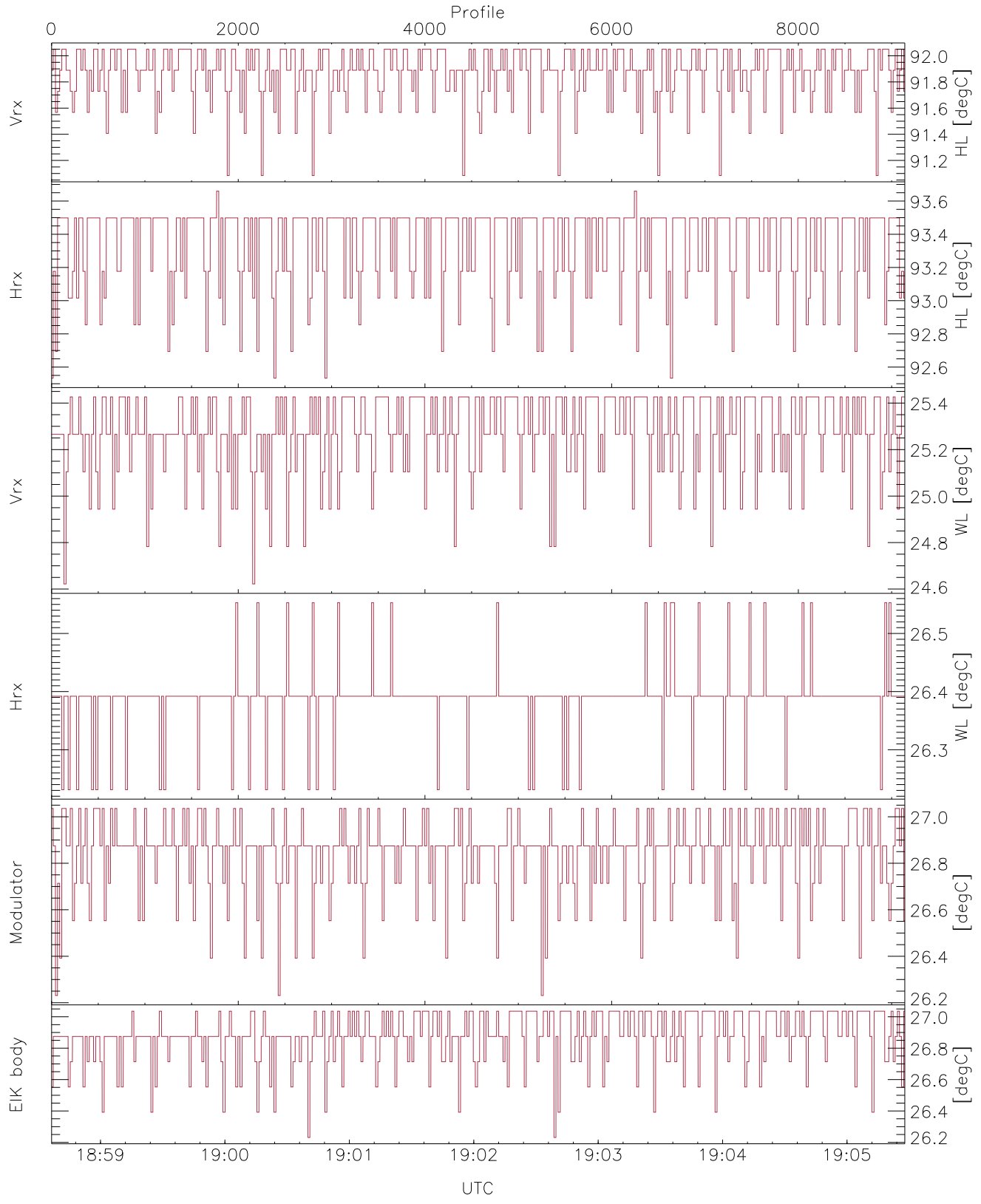


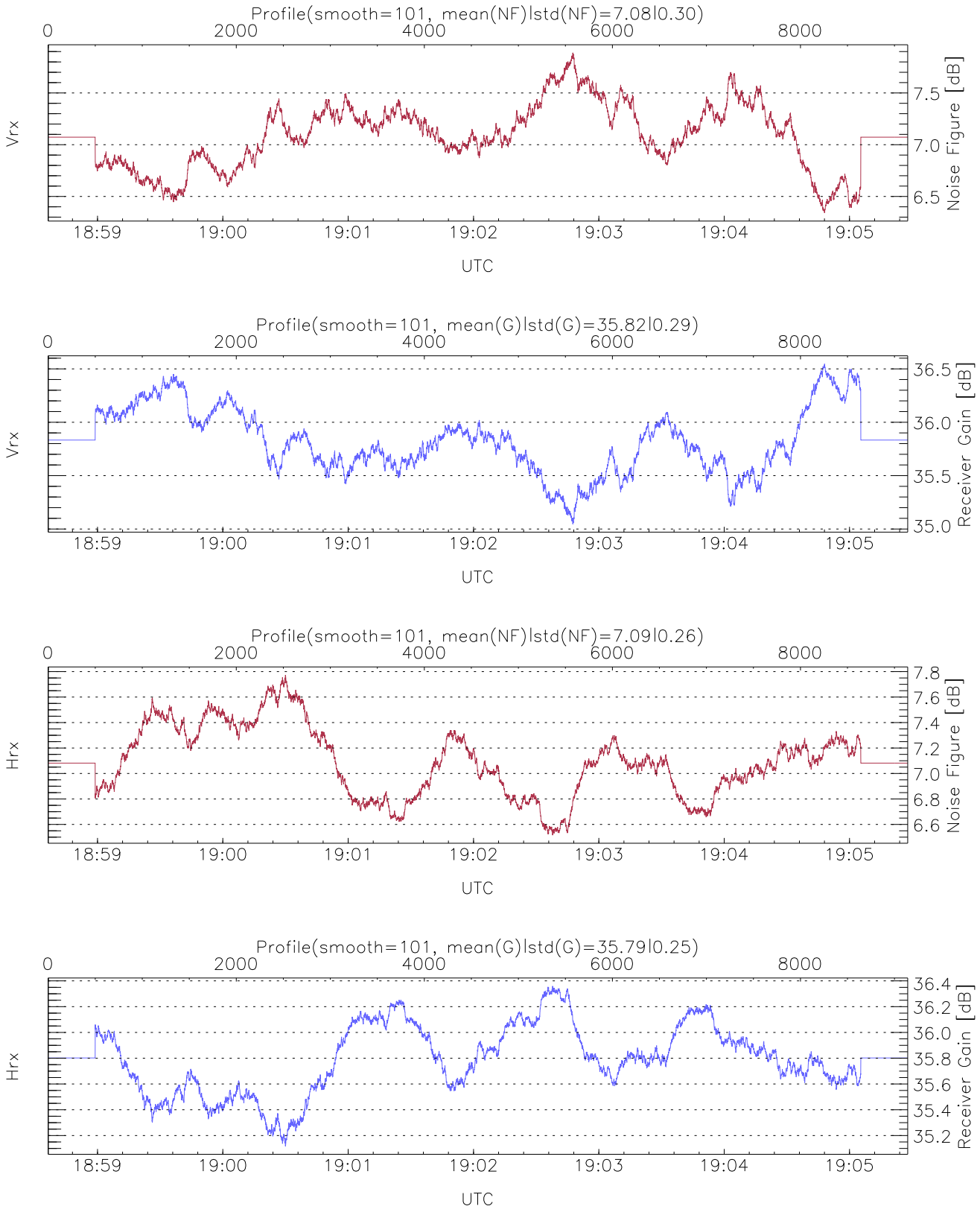
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 18:58:36-19:05:28, TimeCor: 0.00s, Dur: 411.45s
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): 9142/9142, 0-9141/18:58:36-19:05:28
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



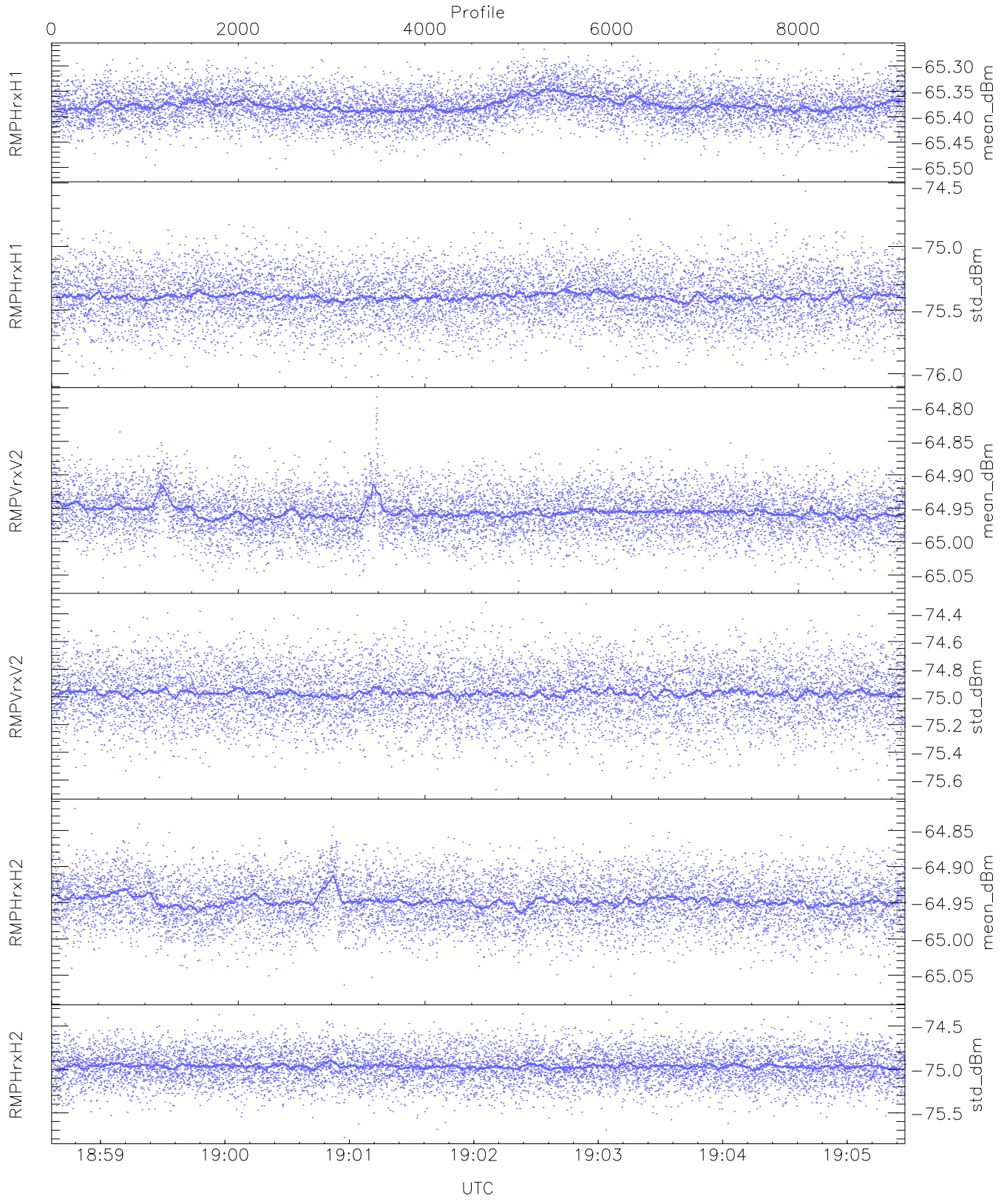
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,24,26,26,26
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,25,26,27,27
LOalarm(20,240,2817,14861 MHz): None
EIK Faults(# prof affected):
DeckF,OverDuty (22,22)



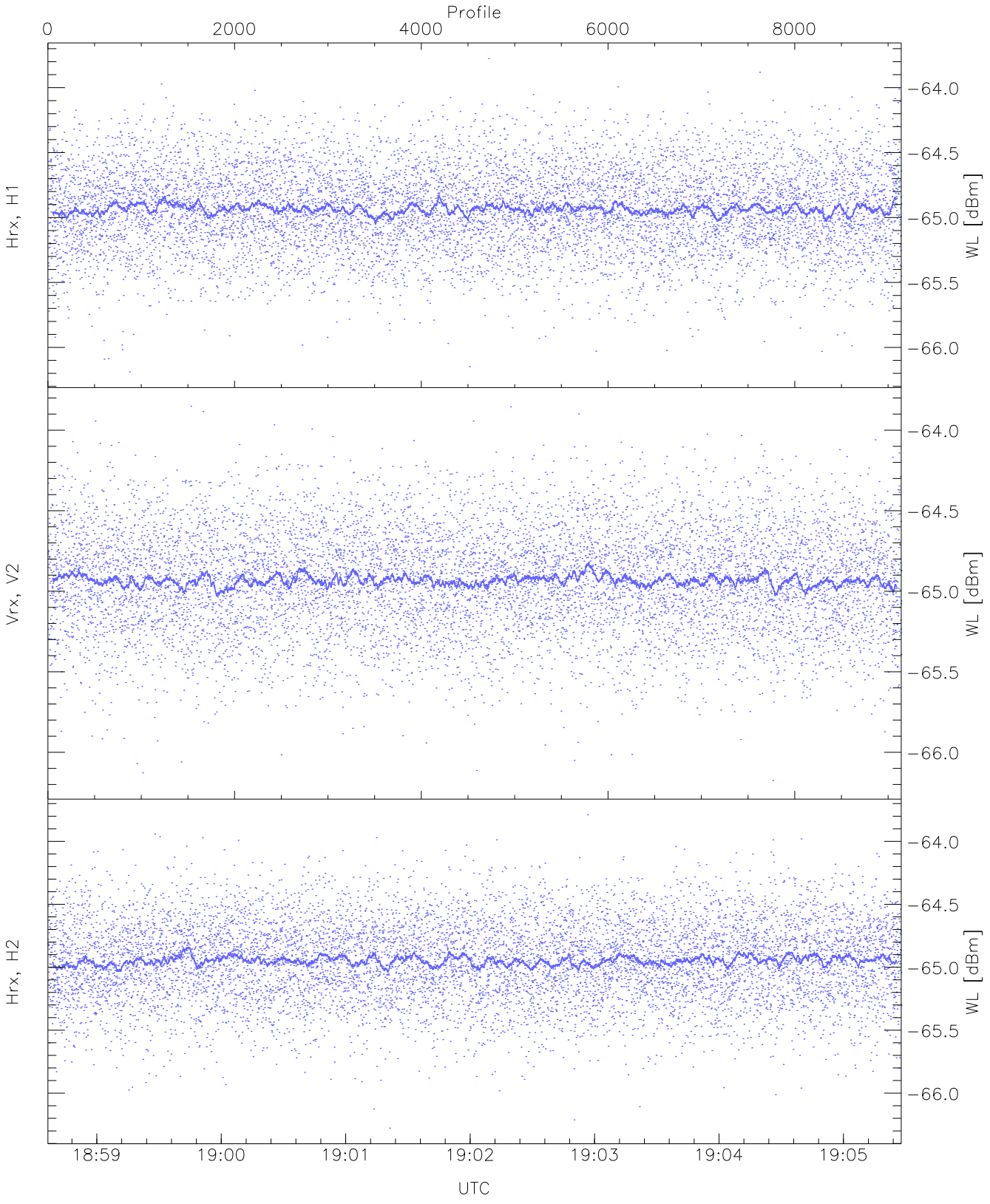
WCR3 CPP Receivers Gain and Noise Figure

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



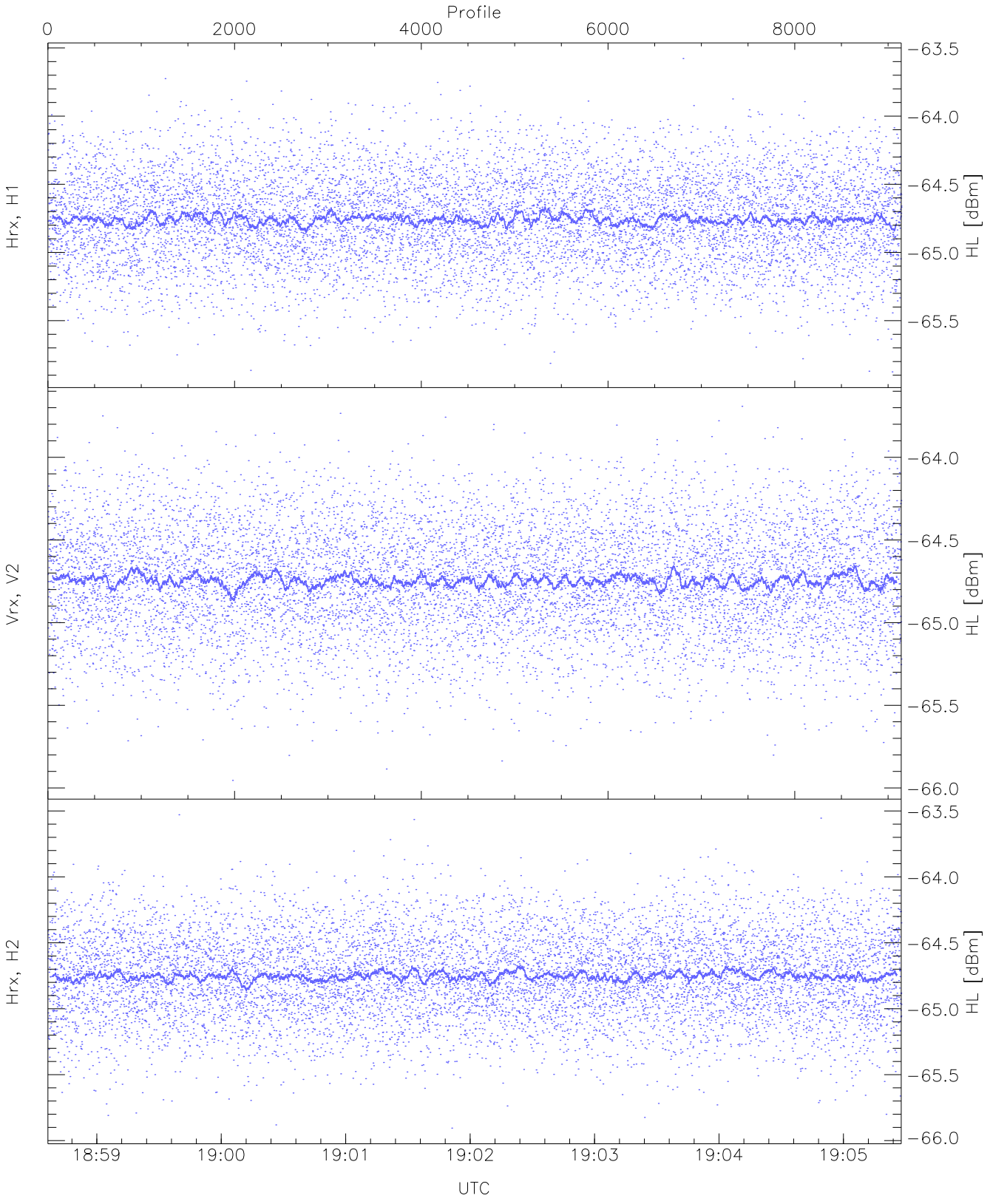
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.52	-65.27	-65.38	-65.38	-86.75
RMPHrxH1(std_dBm)	-76.04	-74.57	-75.39	-75.39	-89.17
RMPVrxV2(mean_dBm)	-65.06	-64.78	-64.96	-64.96	-86.45
RMPVrxV2(std_dBm)	-75.67	-74.32	-74.97	-74.97	-88.77
RMPHrxH2(mean_dBm)	-65.08	-64.82	-64.95	-64.95	-86.49
RMPHrxH2(std_dBm)	-75.78	-74.33	-74.96	-74.97	-88.76



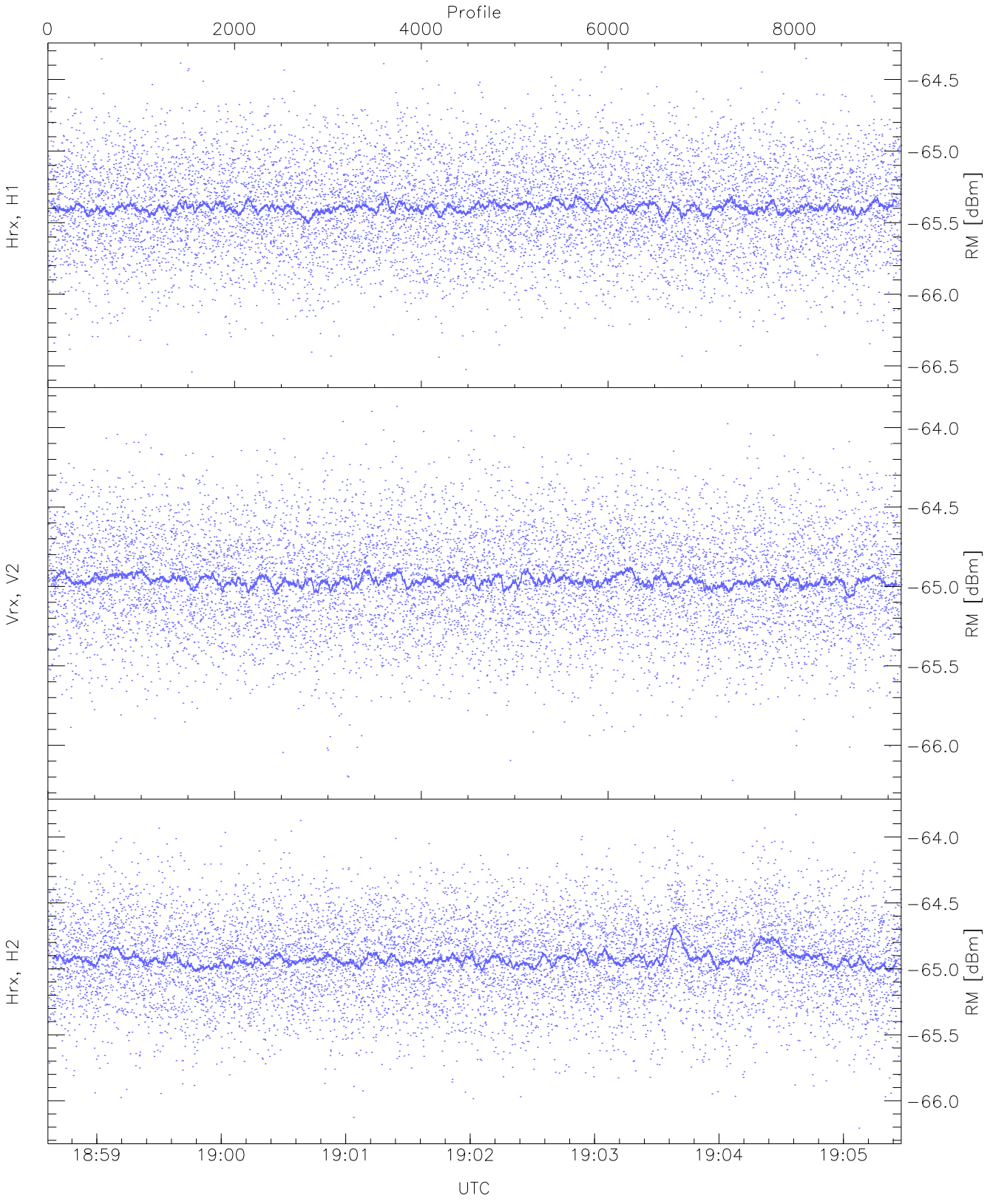
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.19	-63.78	-64.93	-64.94	-76.47
Vrx, V2(WL [dBm])	-66.17	-63.85	-64.92	-64.93	-76.45
Hrx, H2(WL [dBm])	-66.28	-63.79	-64.94	-64.94	-76.43



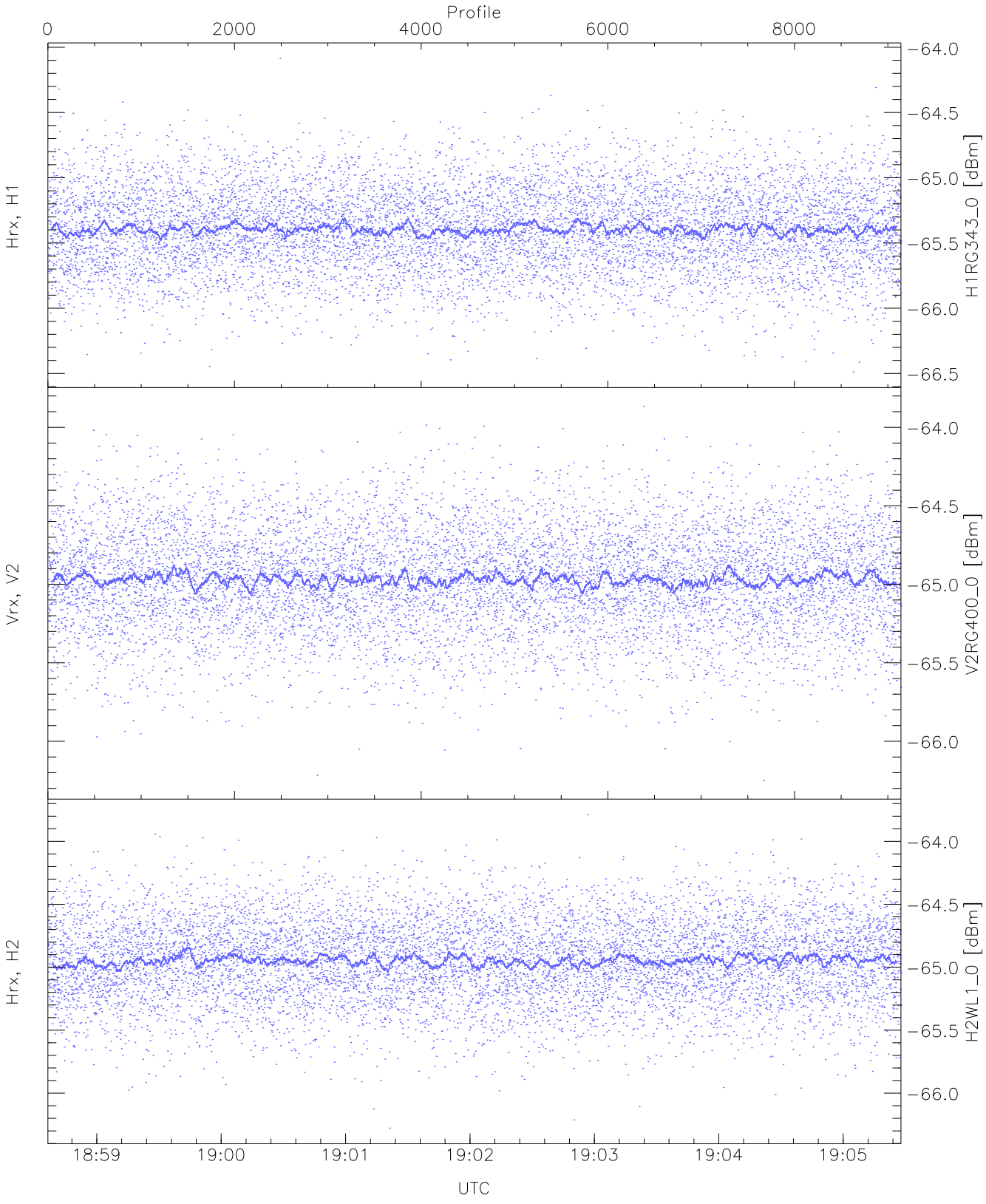
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.88	-63.58	-64.75	-64.76	-76.22
Vrx, V2(HL [dBm])	-65.95	-63.69	-64.74	-64.75	-76.24
Hrx, H2(HL [dBm])	-65.91	-63.53	-64.74	-64.75	-76.25



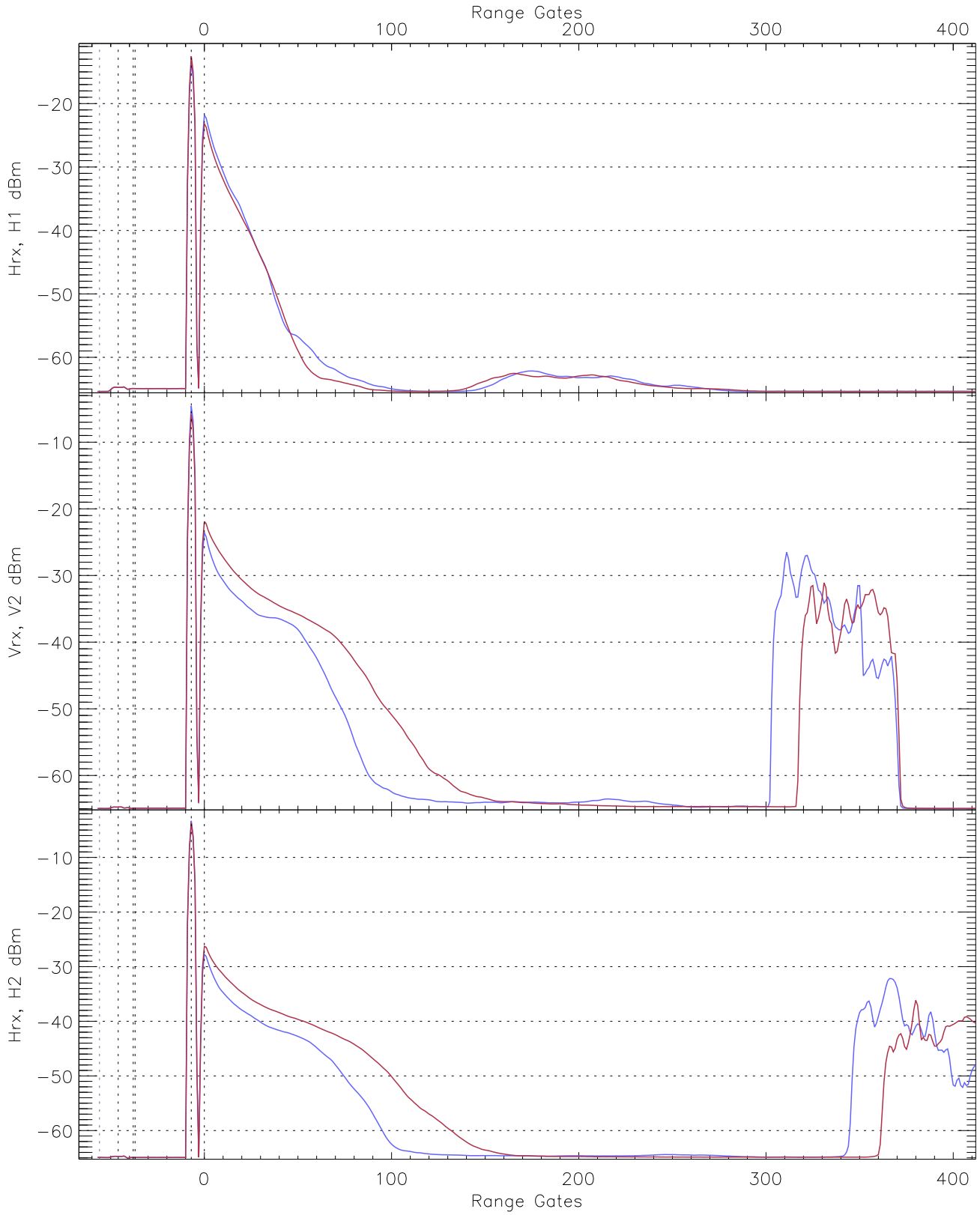
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.54	-64.35	-65.39	-65.39	-76.89
Vrx, V2(RM [dBm])	-66.22	-63.87	-64.96	-64.96	-76.48
Hrx, H2(RM [dBm])	-66.21	-63.83	-64.92	-64.92	-76.37

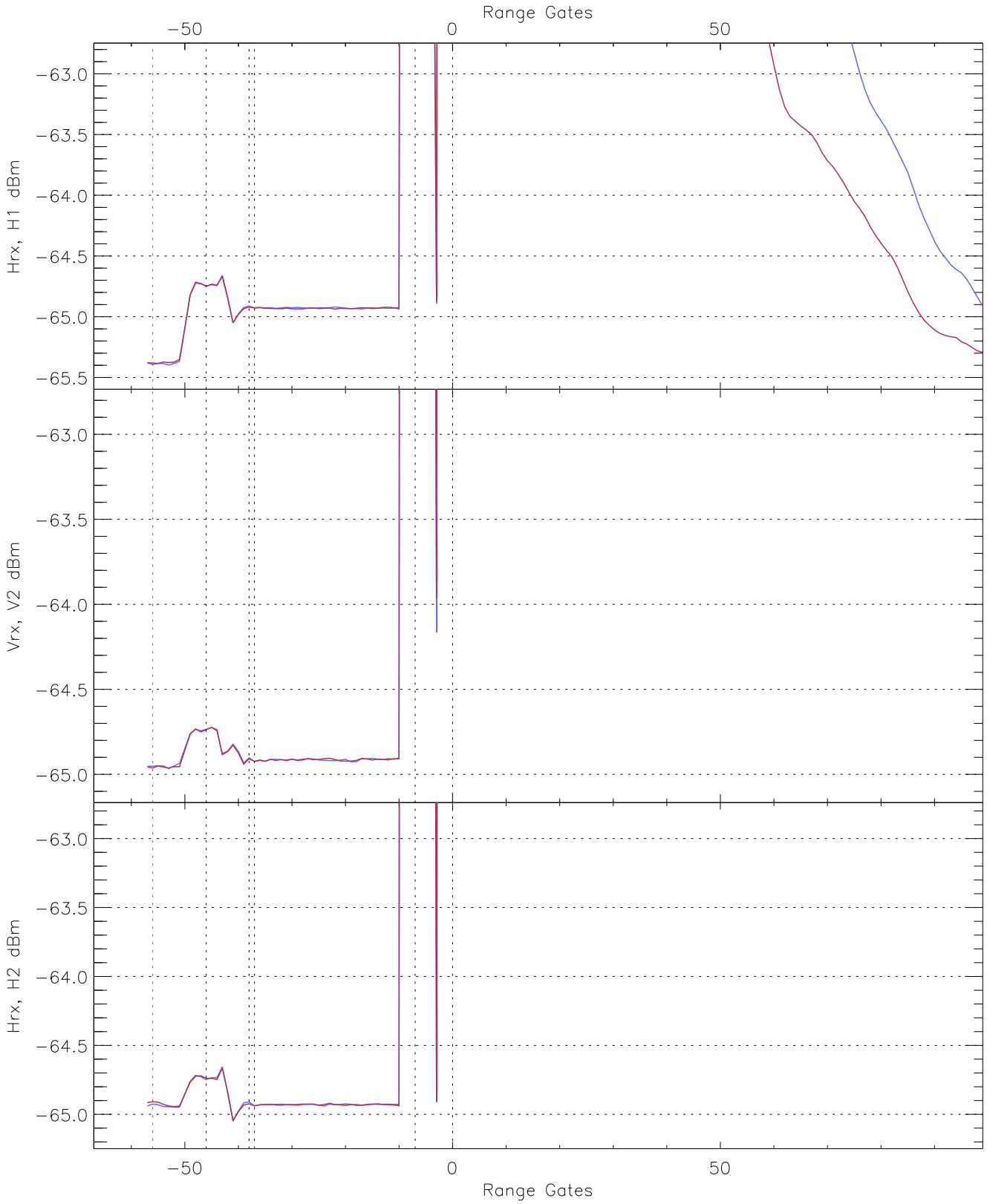


WCR3 CPP "Best" estimate Receivers Noise Power

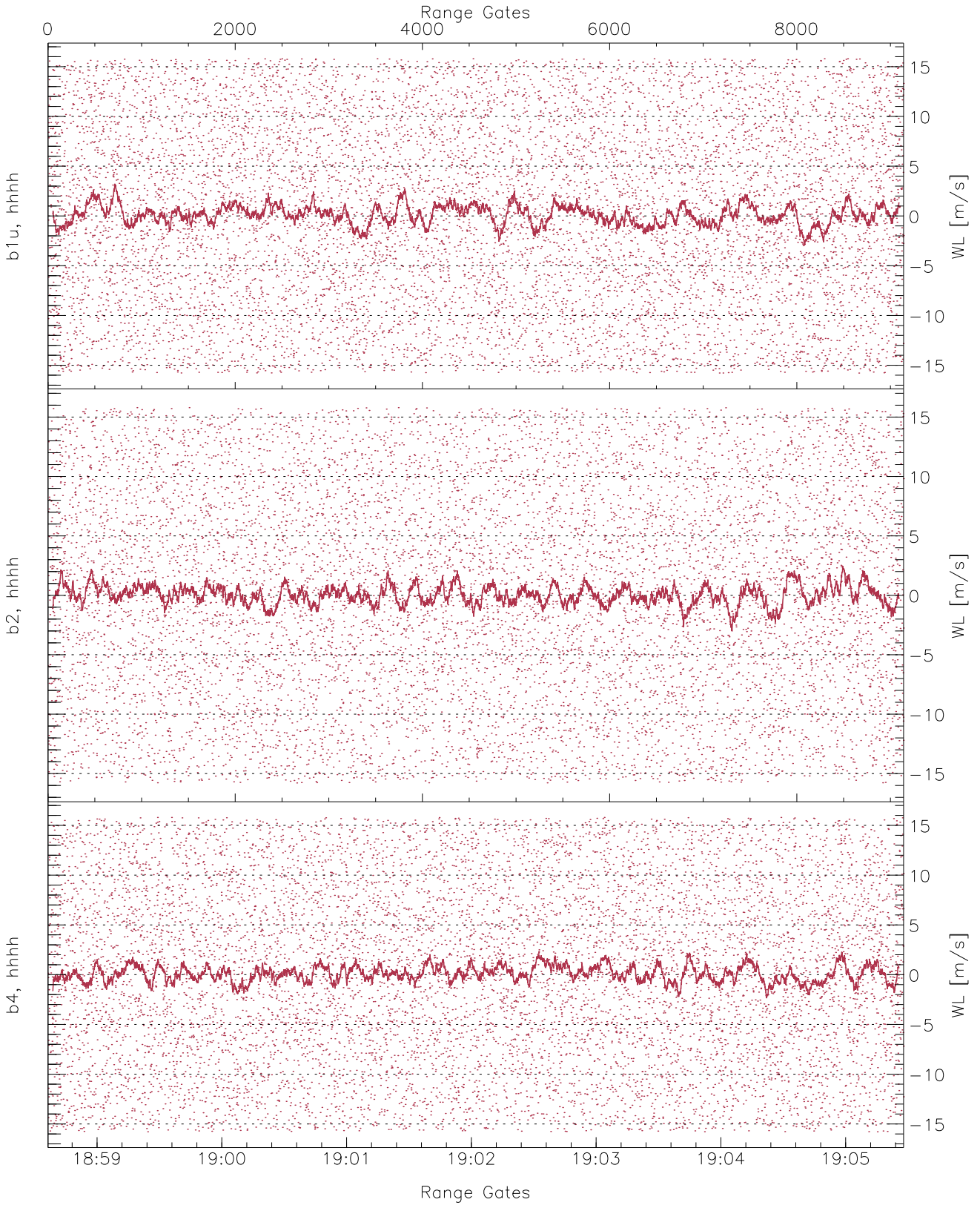
	Min	Max	Mean	Median	StDev
H1RG343_0 [dBm]	-66.49	-64.09	-65.39	-65.40	-76.92
V2RG400_0 [dBm]	-66.25	-63.87	-64.96	-64.97	-76.45
H2WL1_0 [dBm]	-66.28	-63.79	-64.94	-64.94	-76.43



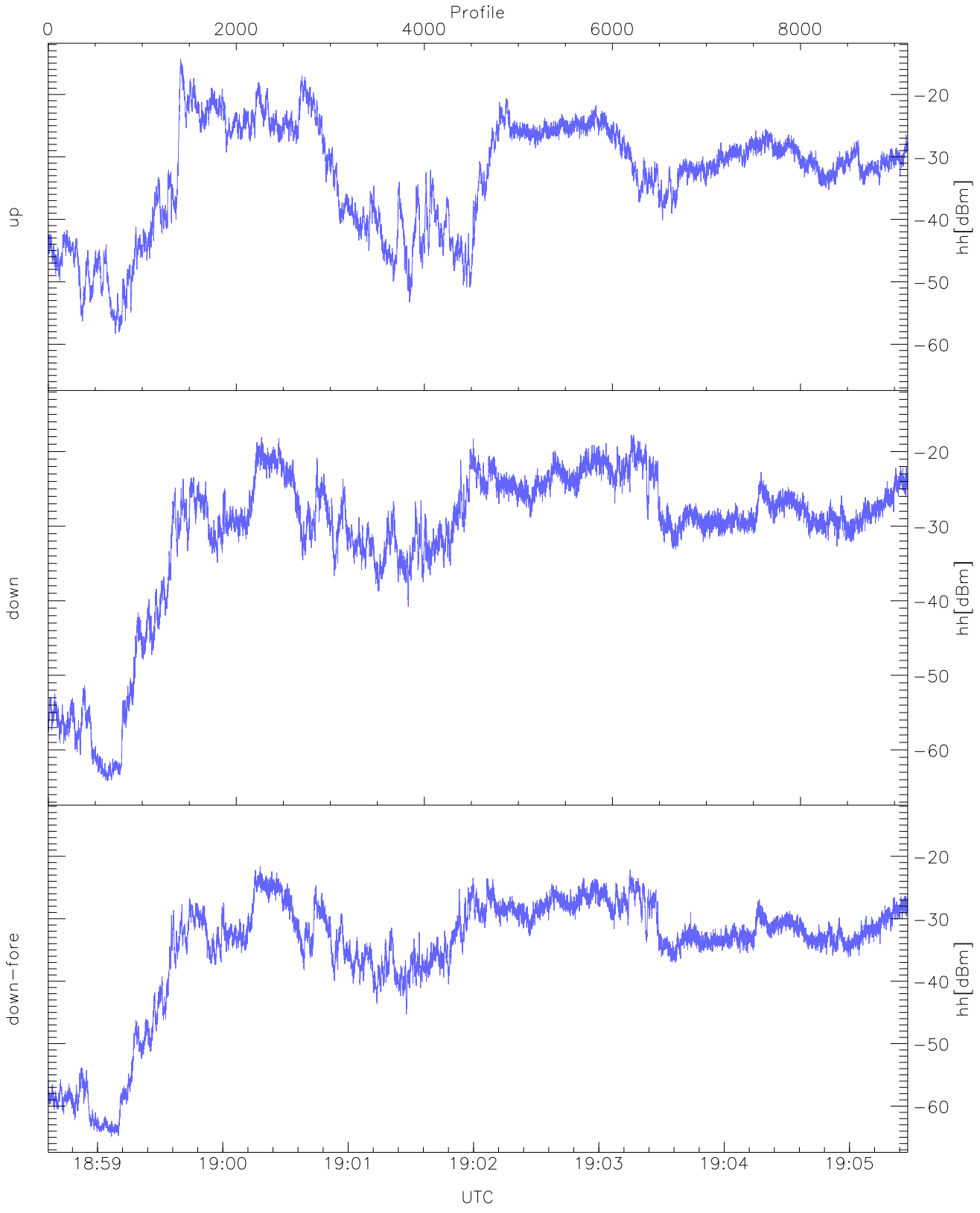
WCR3 CPP Averaged Received power for all recorded gates
blue: 185836-190202, 4572 profiles averaged
red: 190202-190528, 4571 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 185836-190202, 4572 profiles averaged
red: 190202-190528, 4571 profiles averaged

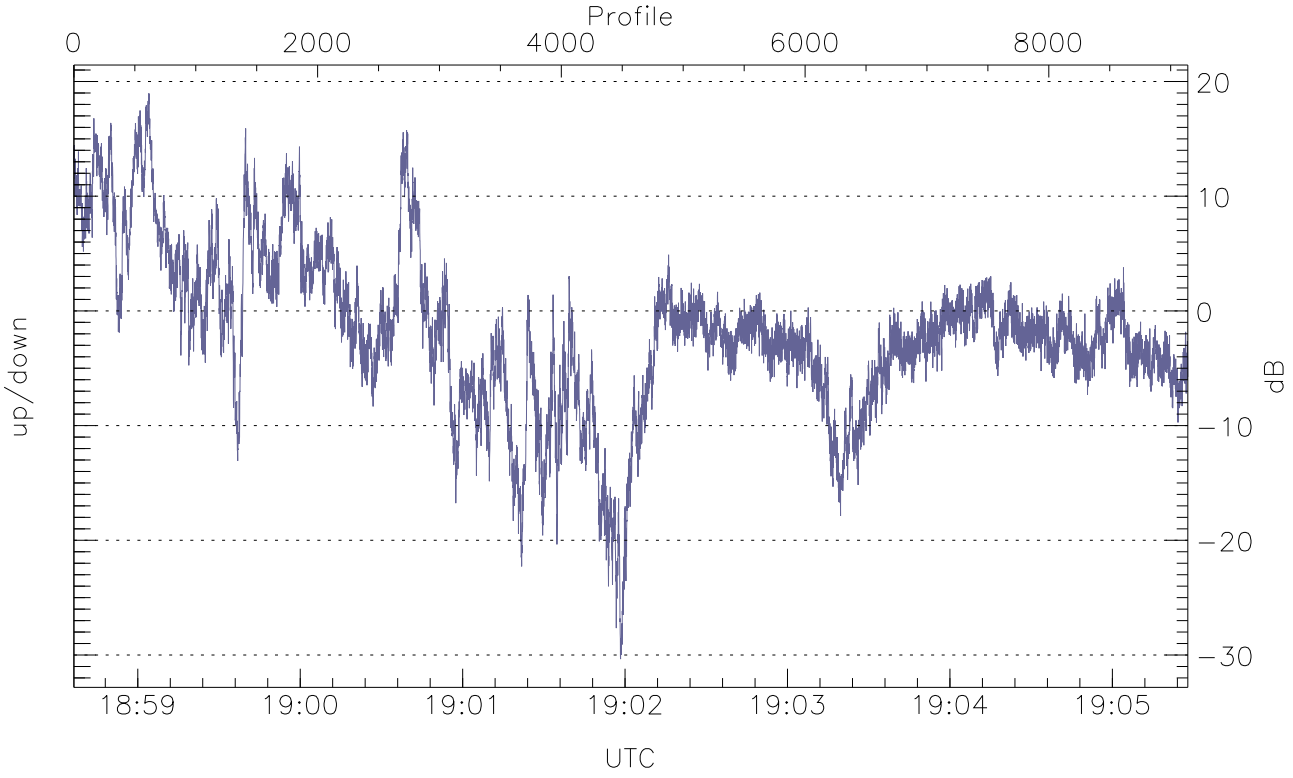


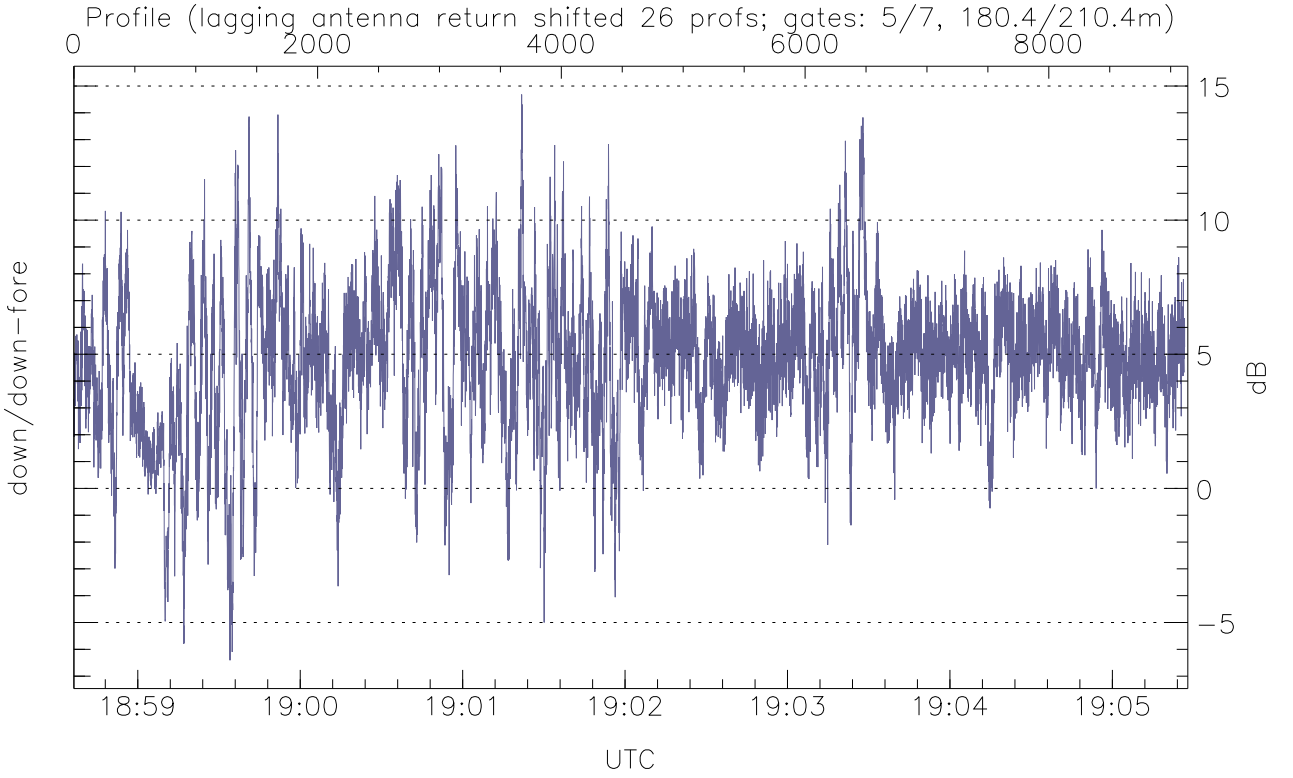
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

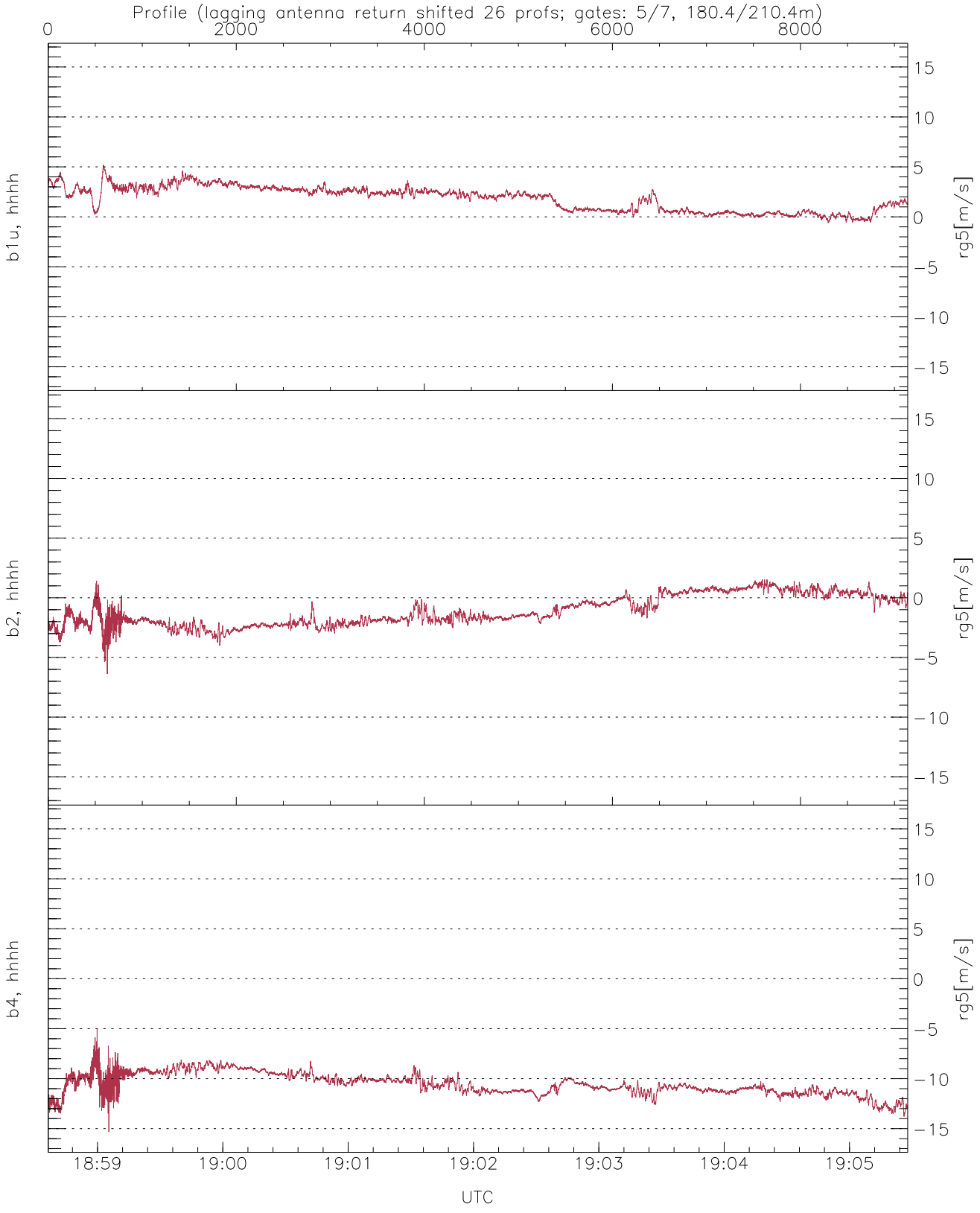
	Min	Max	Mean
up(hh[dBm])	-58.29	-14.33	-27.40
down(hh[dBm])	-64.16	-17.75	-26.28
down-fore(hh[dBm])	-64.88	-21.63	-30.36





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

	Min	Max	Mean
up/down(dB)	-30.35	18.97	-1.87
down/down-fore(dB)	-6.41	14.68	4.81



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-0.61	5.20	1.81	1.21
b2, hhhh(rg5[m/s])	-6.38	1.53	-1.11	1.26
b4, hhhh(rg5[m/s])	-15.33	-5.07	-10.58	1.09