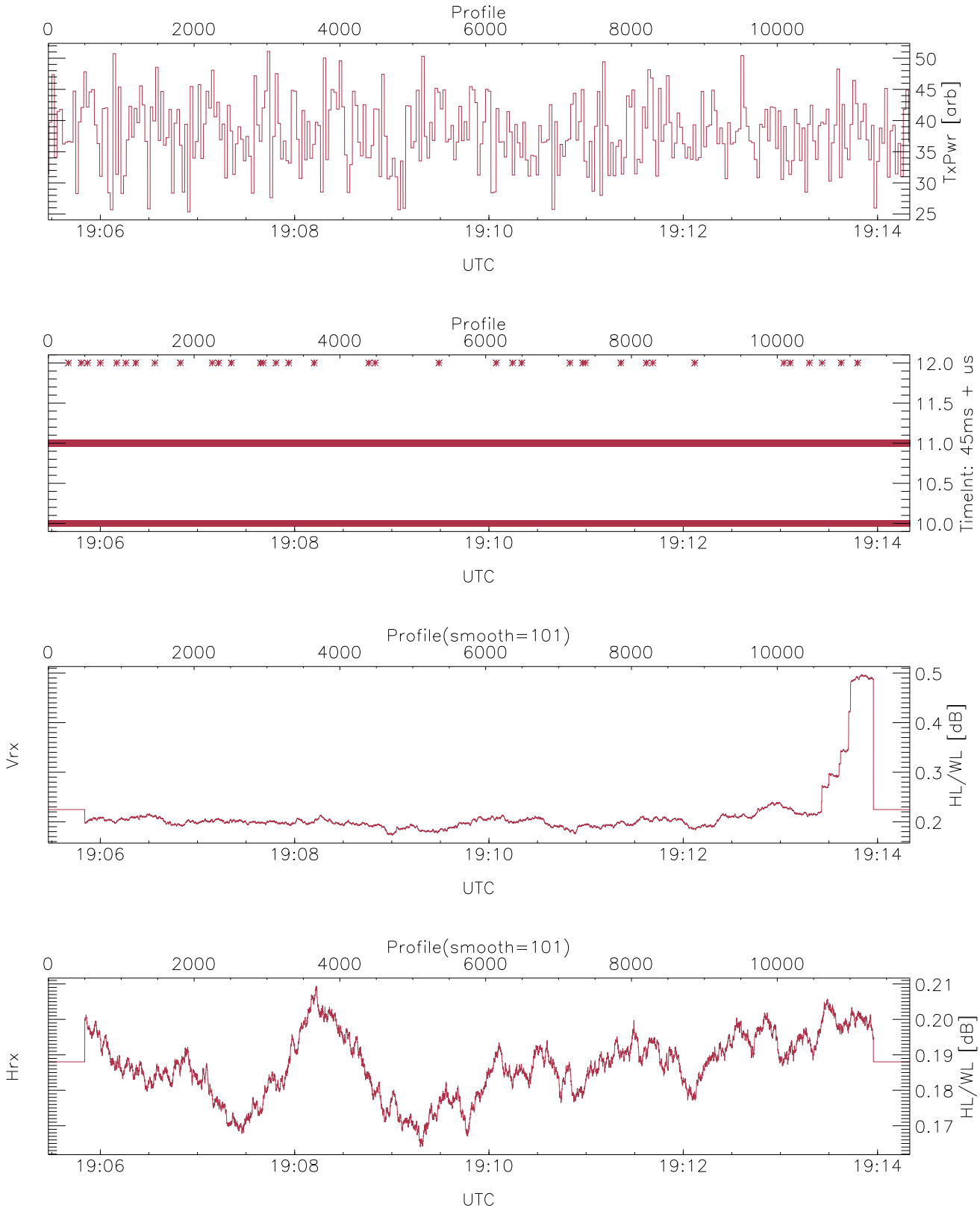
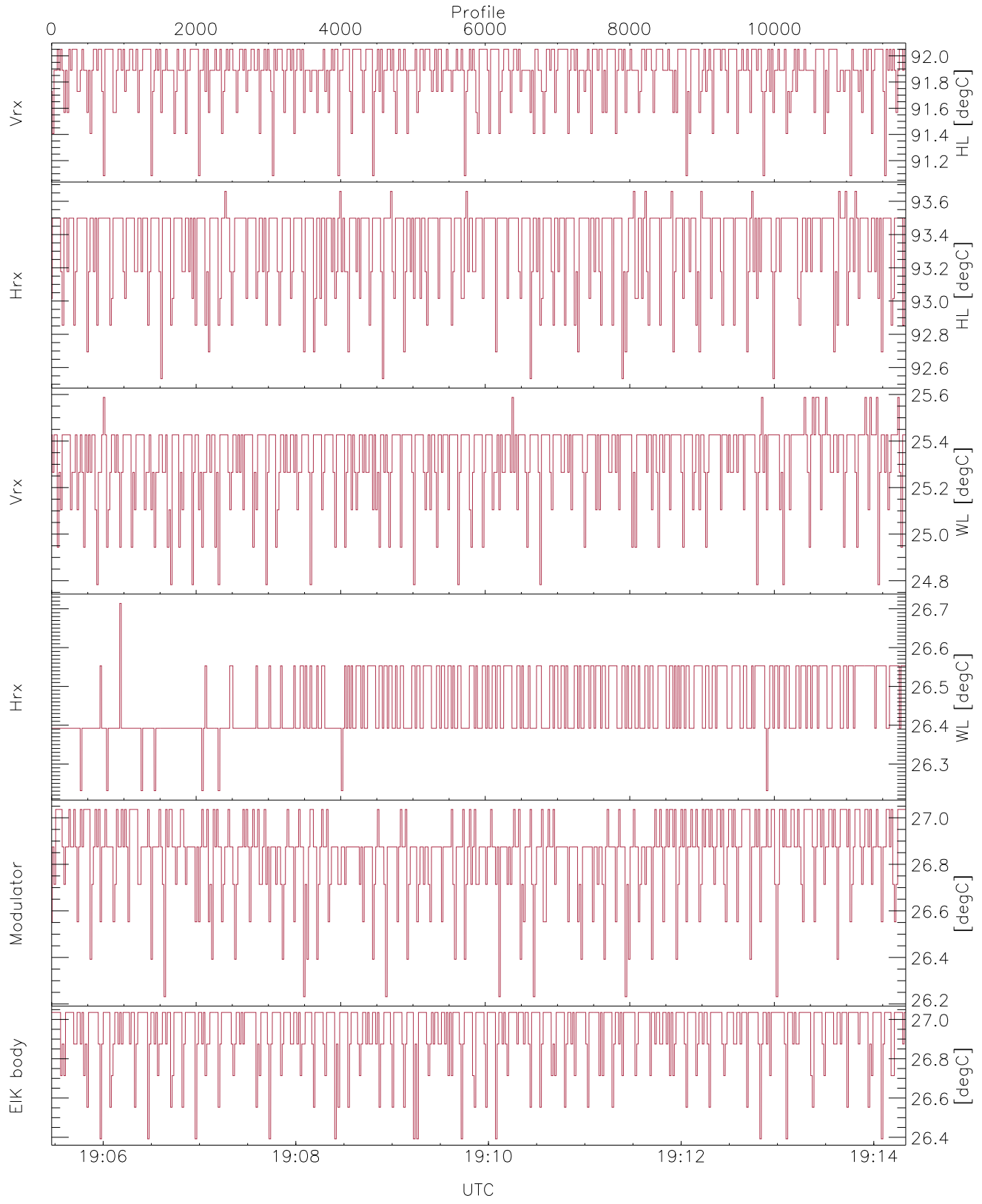


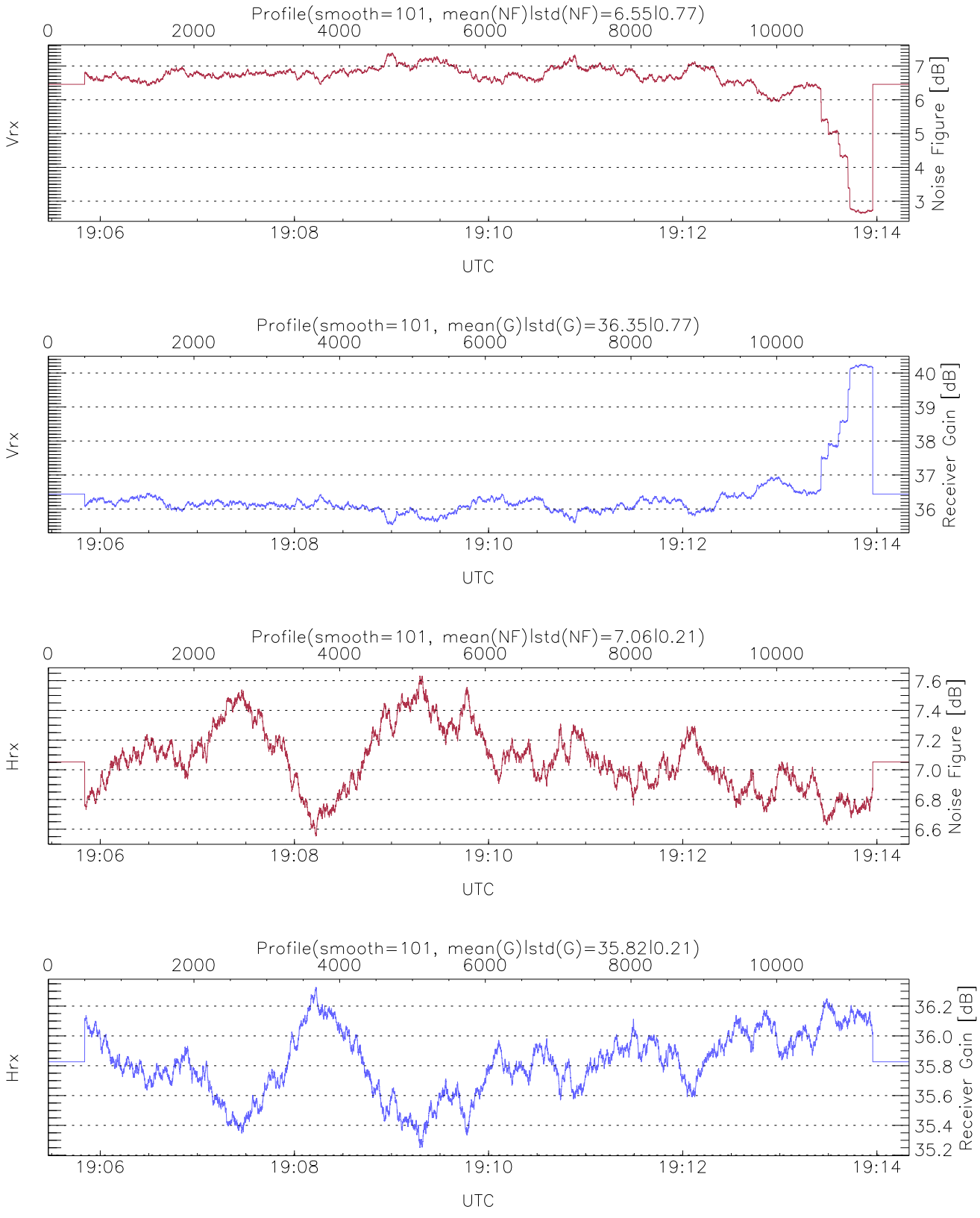
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 19:05:28-19:14:20, TimeCor: 0.00s, Dur: 531.99s
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): 11820/11820, 0-11819/19:05:28-19:14:20
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



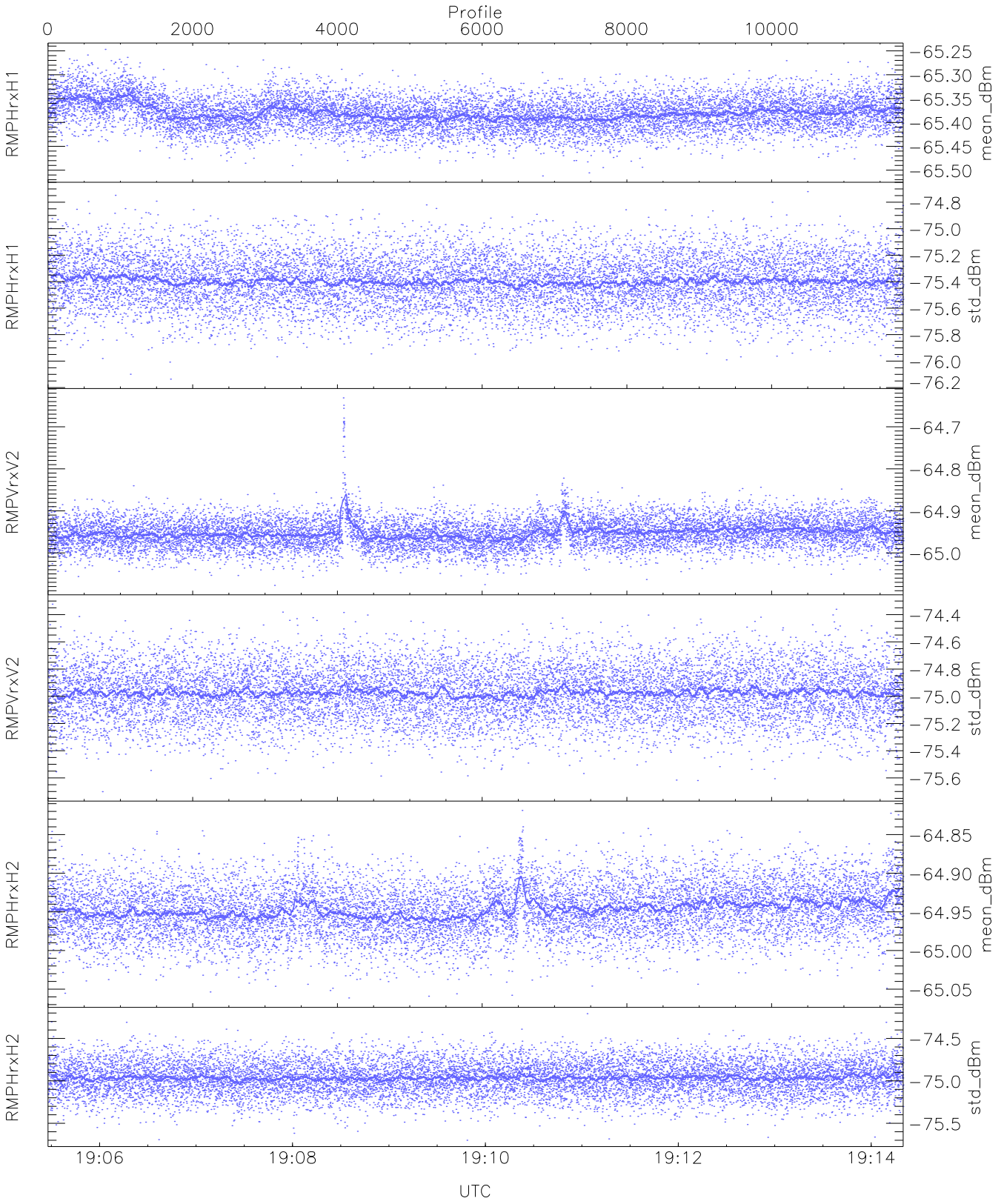
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

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): 0,0,24,0
EIK/Modulator Faults: None



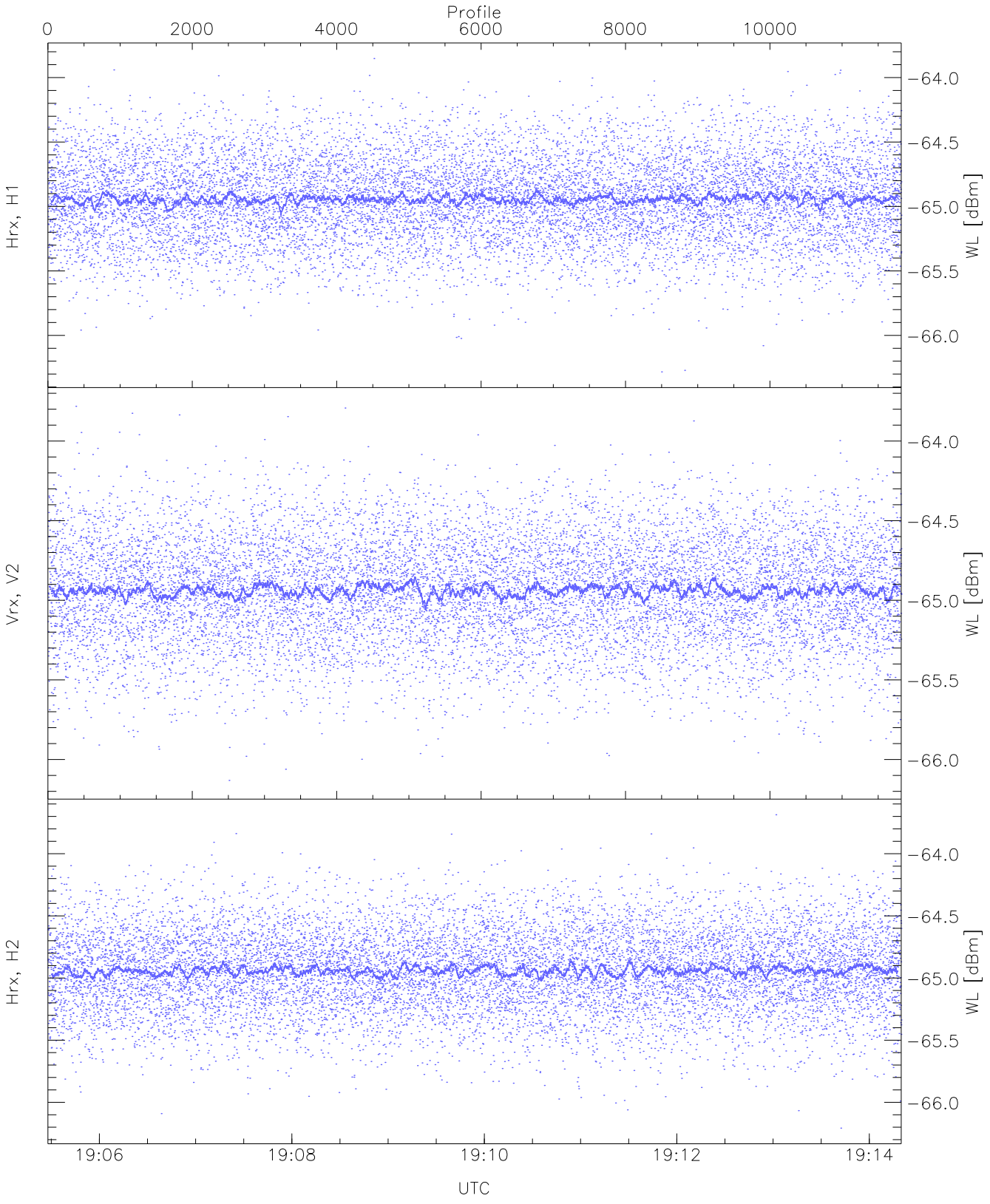
WCR3 CPP Receivers Gain and Noise Figure

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



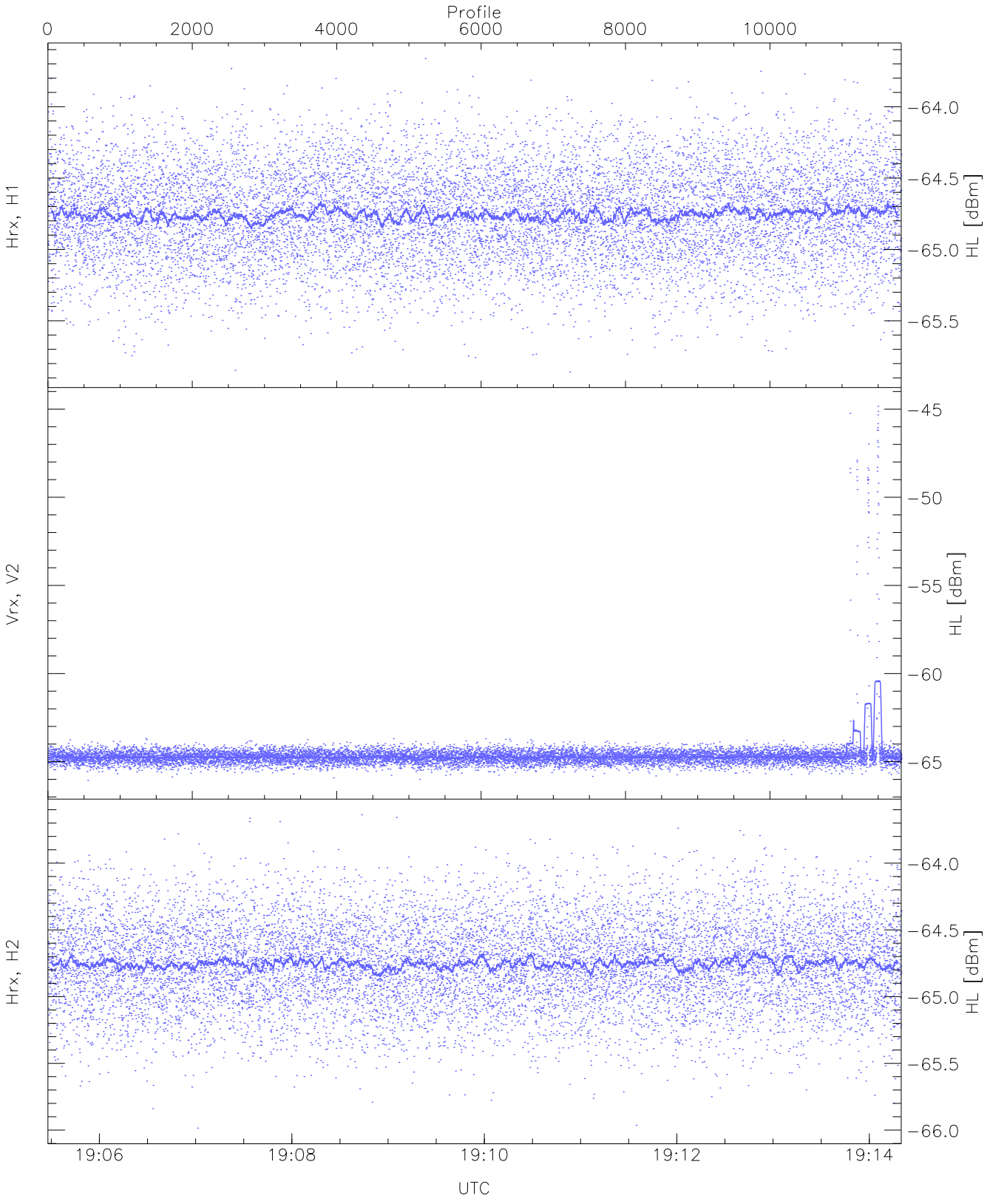
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.51	-65.25	-65.38	-65.38	-86.65
RMPHrxH1(std_dBm)	-76.14	-74.72	-75.39	-75.40	-89.19
RMPVrxV2(mean_dBm)	-65.08	-64.63	-64.95	-64.95	-86.06
RMPVrxV2(std_dBm)	-75.70	-74.32	-74.97	-74.97	-88.73
RMPHrxH2(mean_dBm)	-65.06	-64.82	-64.95	-64.95	-86.36
RMPHrxH2(std_dBm)	-75.70	-74.21	-74.96	-74.96	-88.74



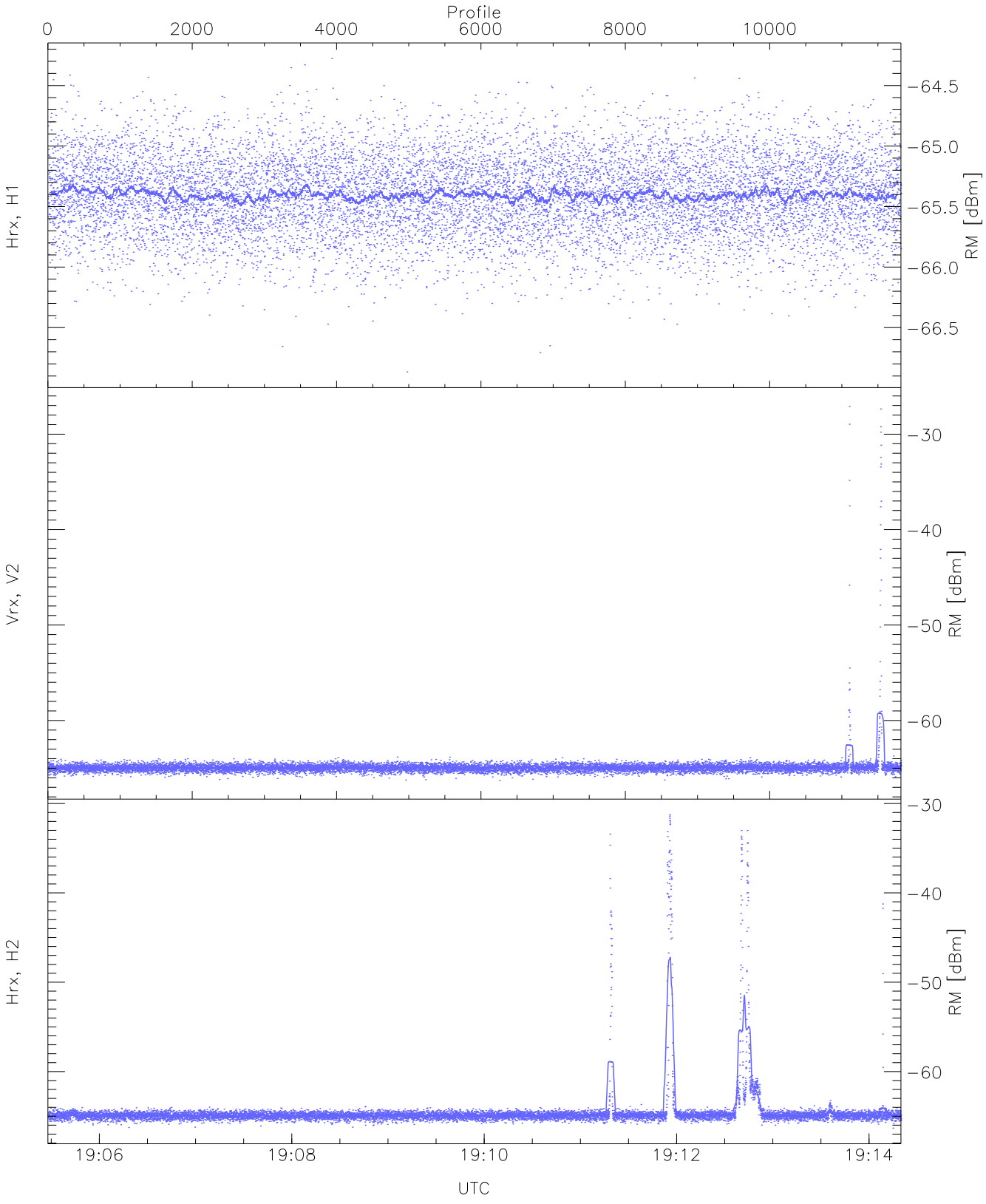
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.28	-63.85	-64.94	-64.94	-76.45
Vrx, V2(WL [dBm])	-66.13	-63.78	-64.93	-64.93	-76.44
Hrx, H2(WL [dBm])	-66.21	-63.69	-64.93	-64.94	-76.43



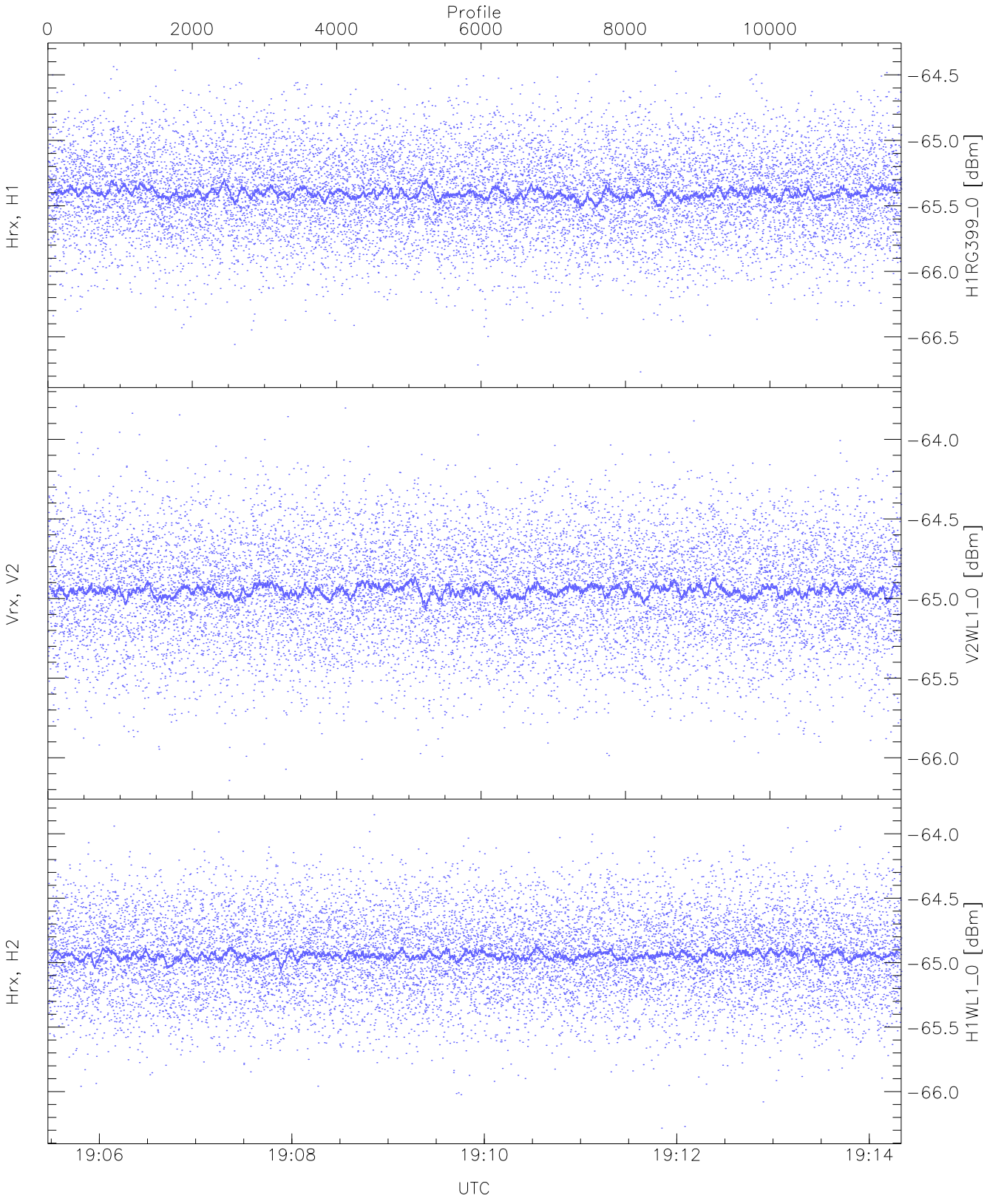
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.86	-63.66	-64.75	-64.75	-76.29
Vrx, V2(HL [dBm])	-66.06	-44.84	-63.99	-64.73	-59.87
Hrx, H2(HL [dBm])	-65.99	-63.64	-64.75	-64.75	-76.29



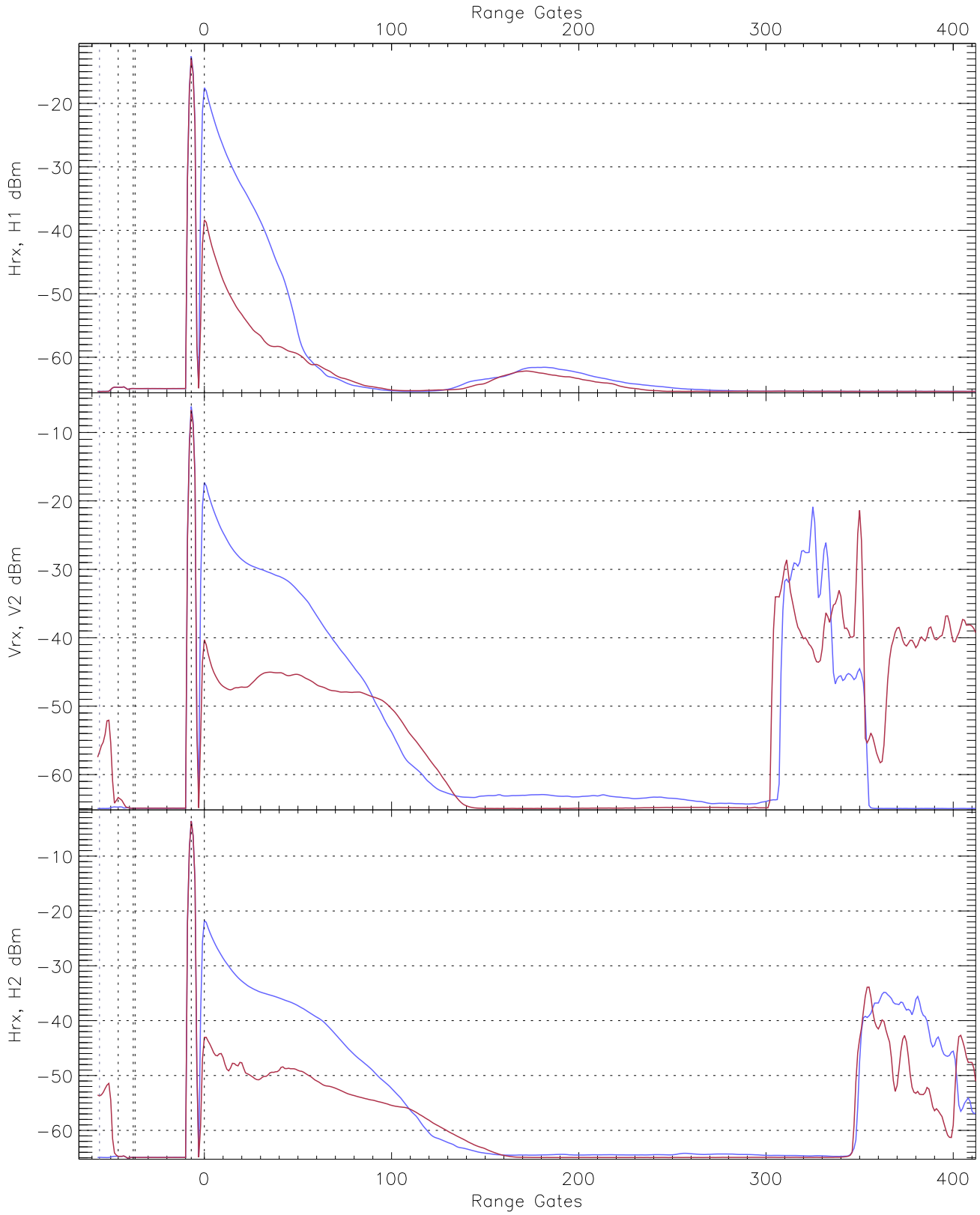
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.87	-64.28	-65.40	-65.40	-76.91
Vrx, V2(RM [dBm])	-66.28	-27.08	-59.08	-64.95	-44.81
Hrx, H2(RM [dBm])	-66.33	-31.26	-56.41	-64.91	-45.97

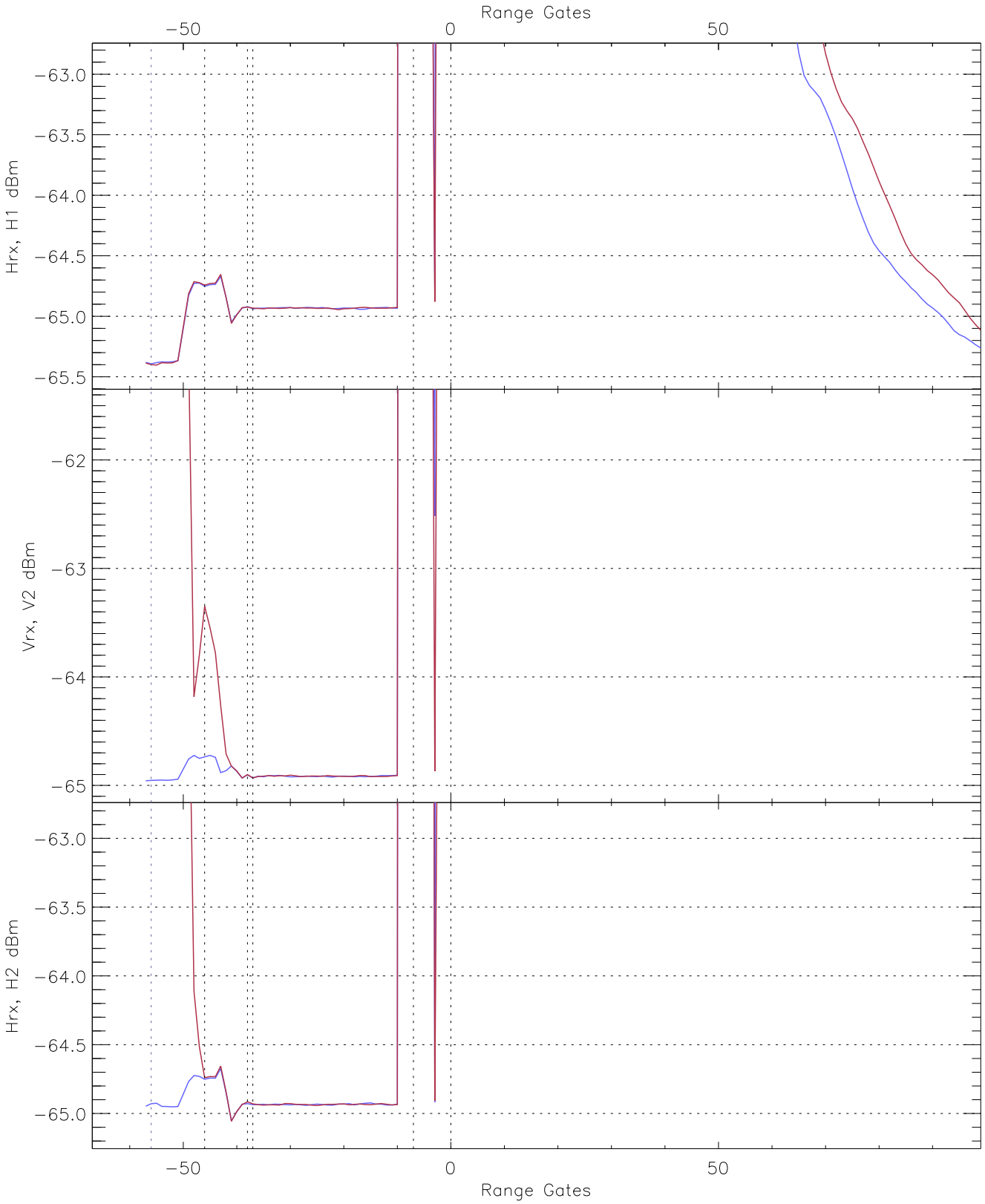


WCR3 CPP "Best" estimate Receivers Noise Power

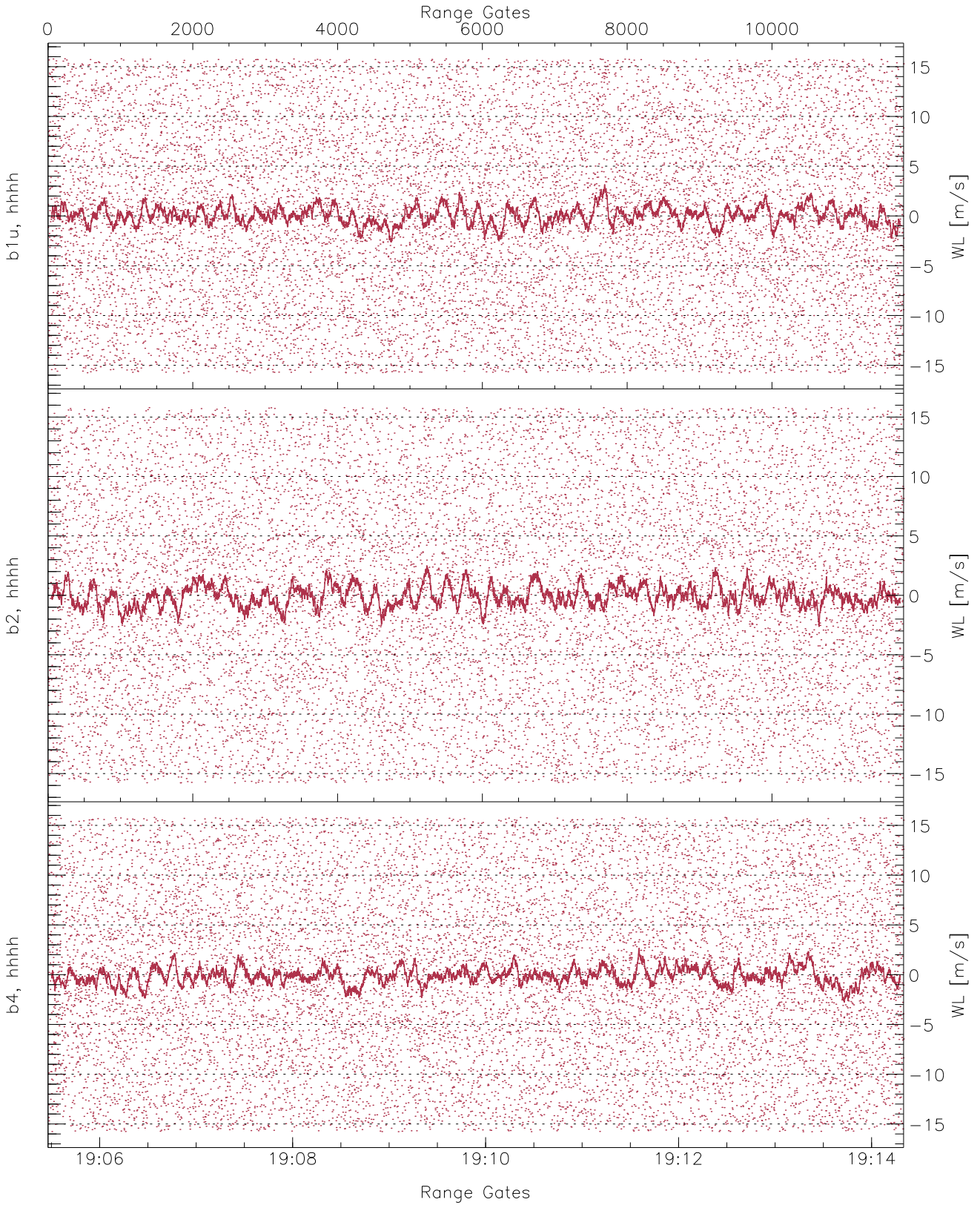
	Min	Max	Mean	Median	StDev
H1RG399_0 [dBm]	-66.77	-64.38	-65.40	-65.40	-76.90
V2WL1_0 [dBm]	-66.14	-63.79	-64.94	-64.95	-76.45
H1WL1_0 [dBm]	-66.28	-63.85	-64.94	-64.94	-76.45



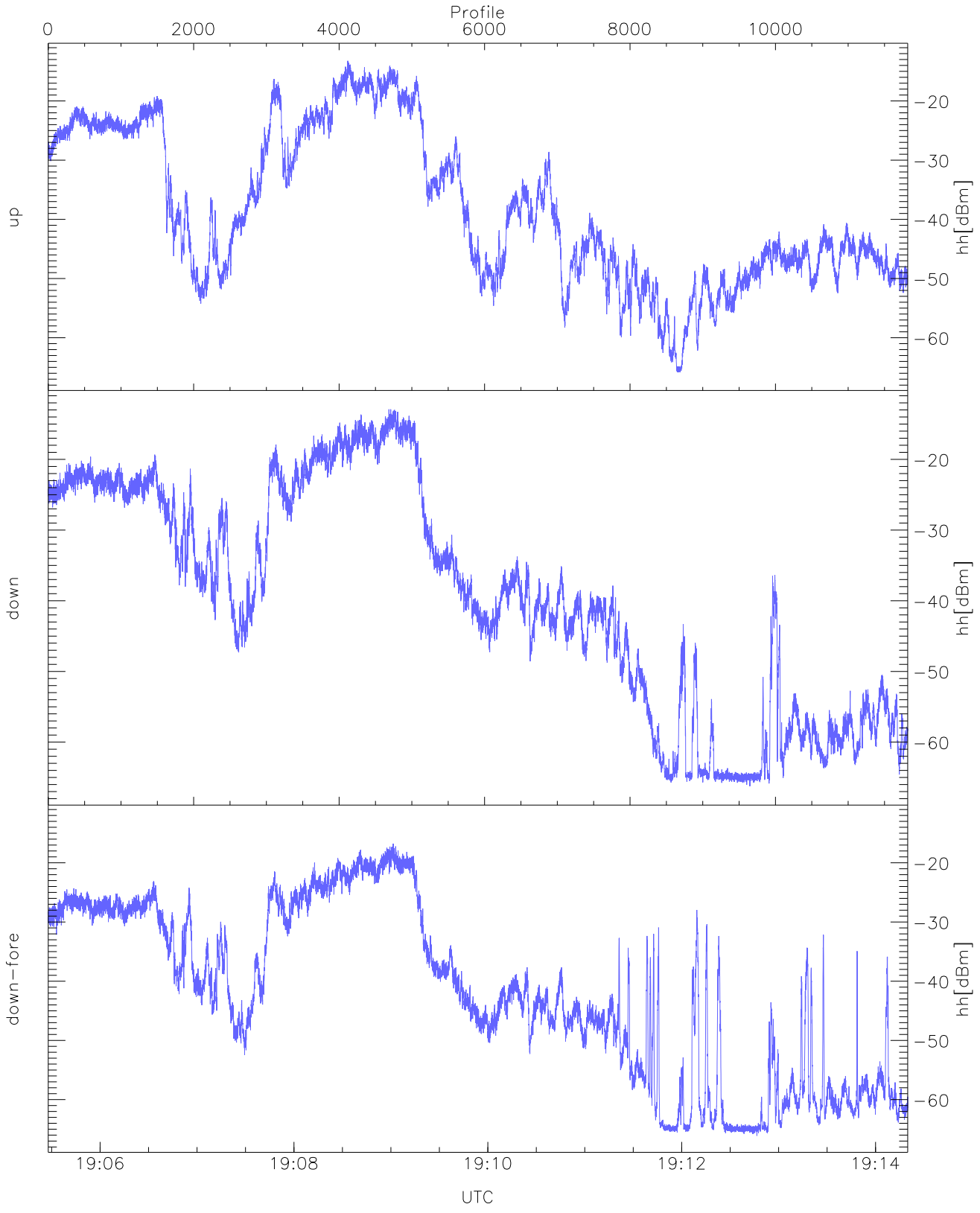
WCR3 CPP Averaged Received power for all recorded gates
blue: 190528-190954, 5911 profiles averaged
red: 190954-191420, 5910 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 190528-190954, 5911 profiles averaged
red: 190954-191420, 5910 profiles averaged

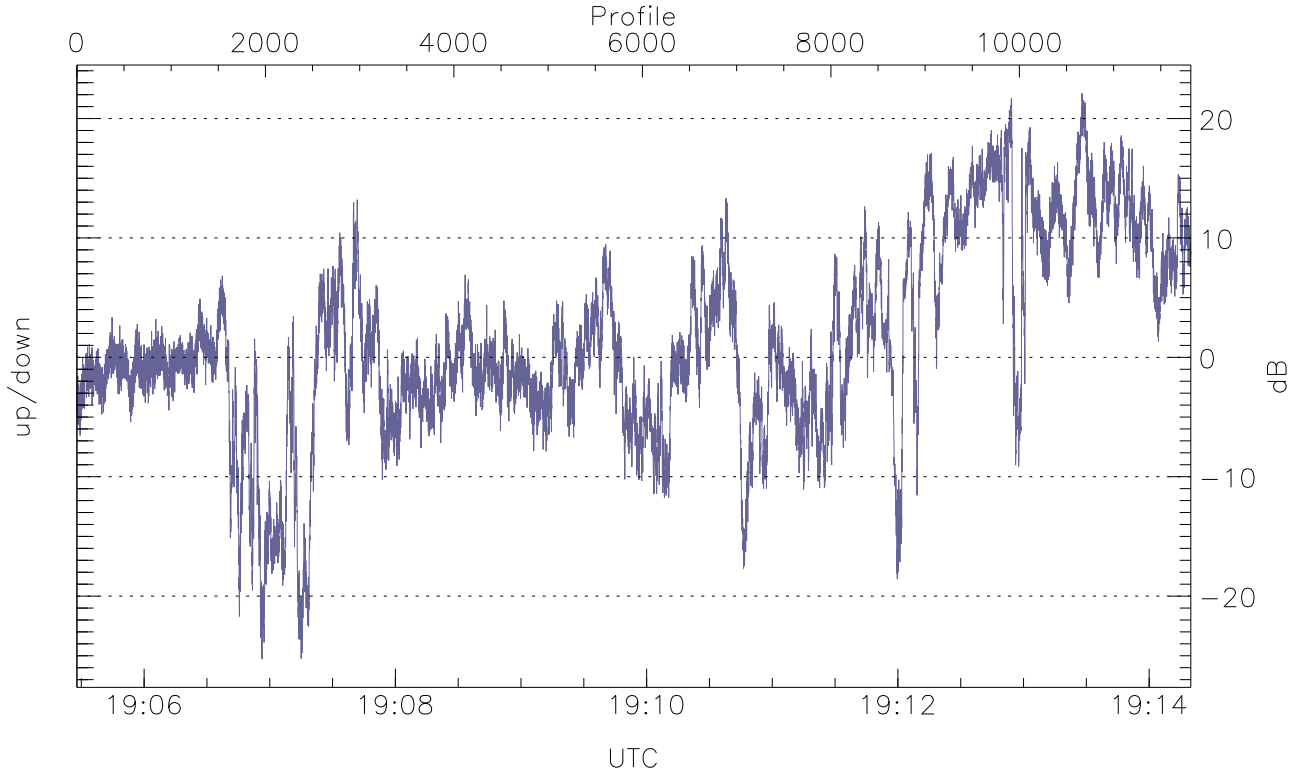


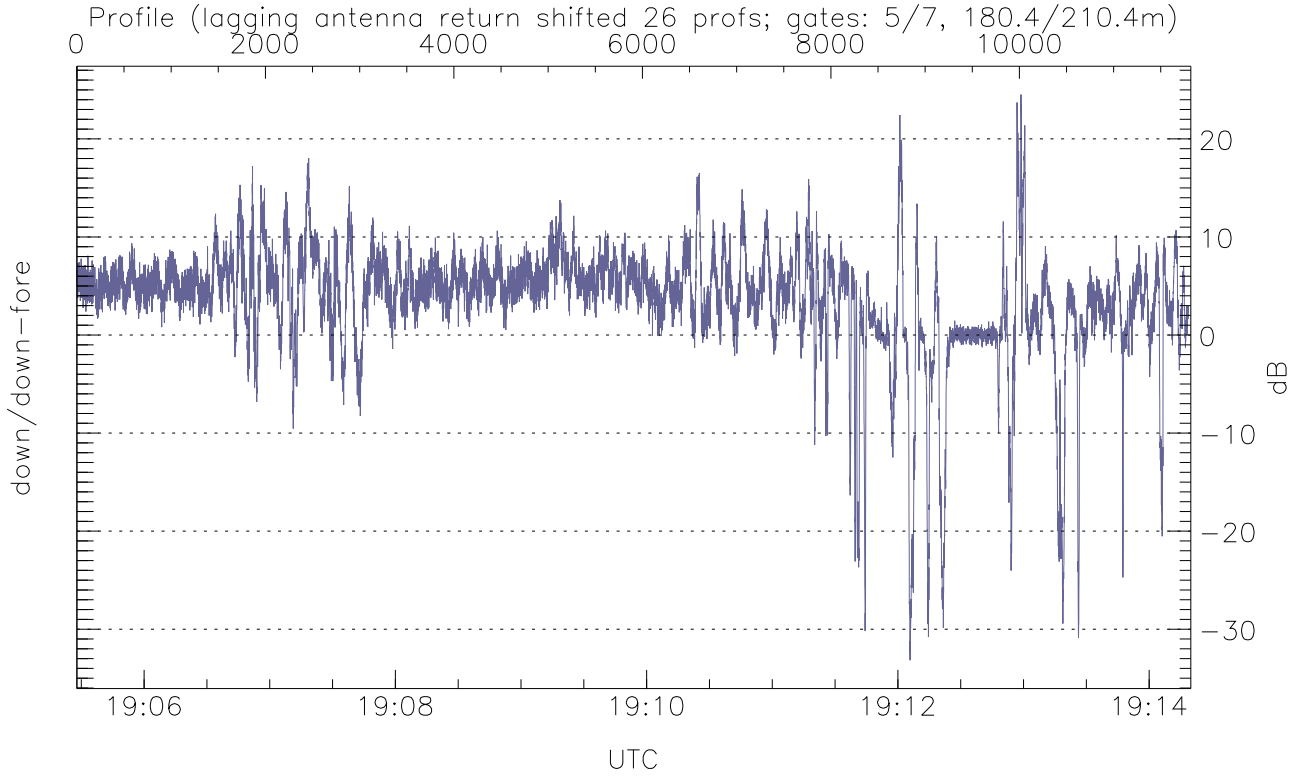
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

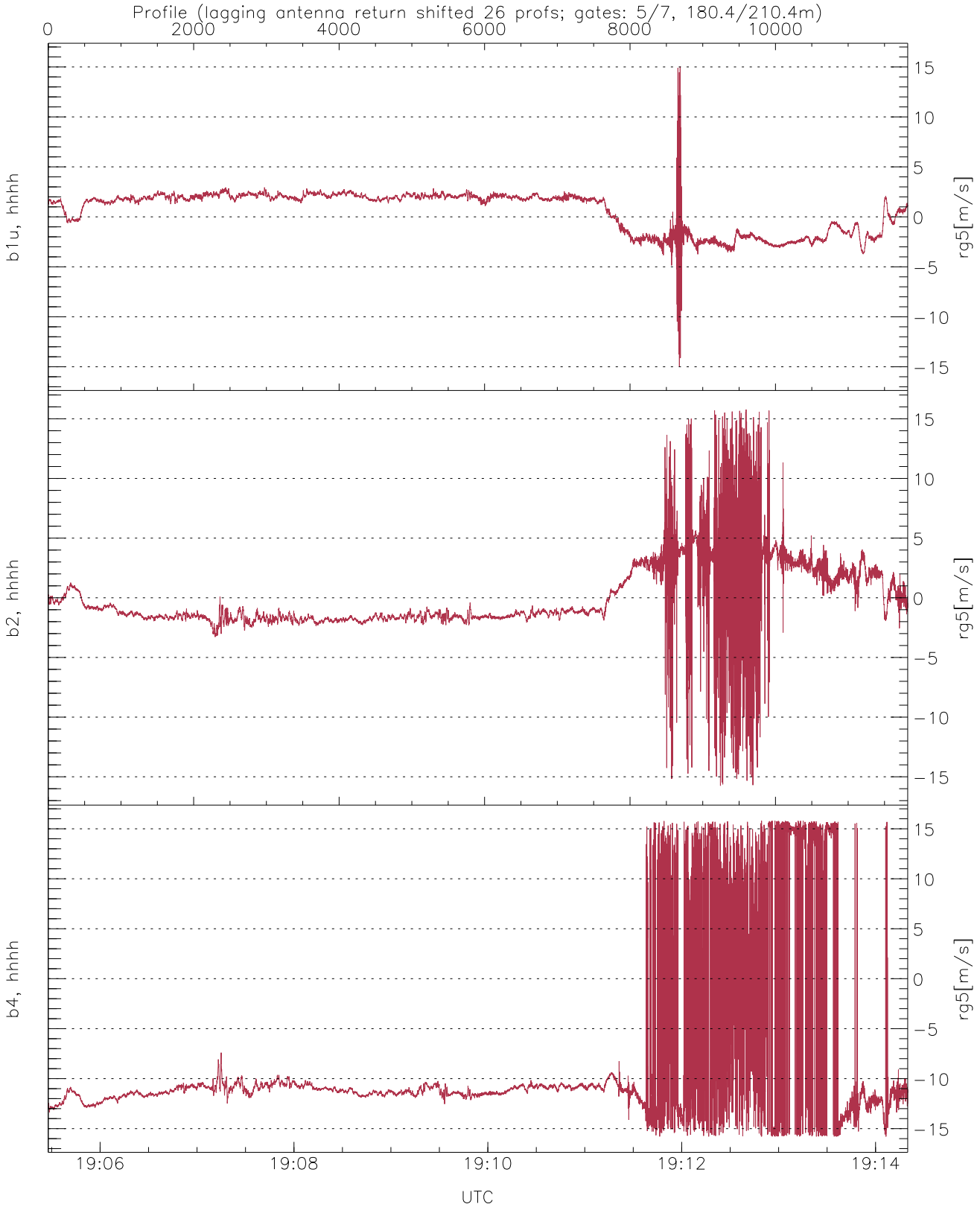
	Min	Max	Mean
up(hh[dBm])	-65.85	-13.22	-25.37
down(hh[dBm])	-66.24	-12.91	-24.40
down-fore(hh[dBm])	-66.11	-16.76	-28.47





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

	Min	Max	Mean
up/down(dB)	-25.27	22.11	1.34
down/down-fore(dB)	-33.17	24.53	3.54



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-14.95	15.06	0.59	2.01
b2, hhhh(rg5[m/s])	-15.75	15.77	-0.19	2.86
b4, hhhh(rg5[m/s])	-15.79	15.79	-8.43	7.92