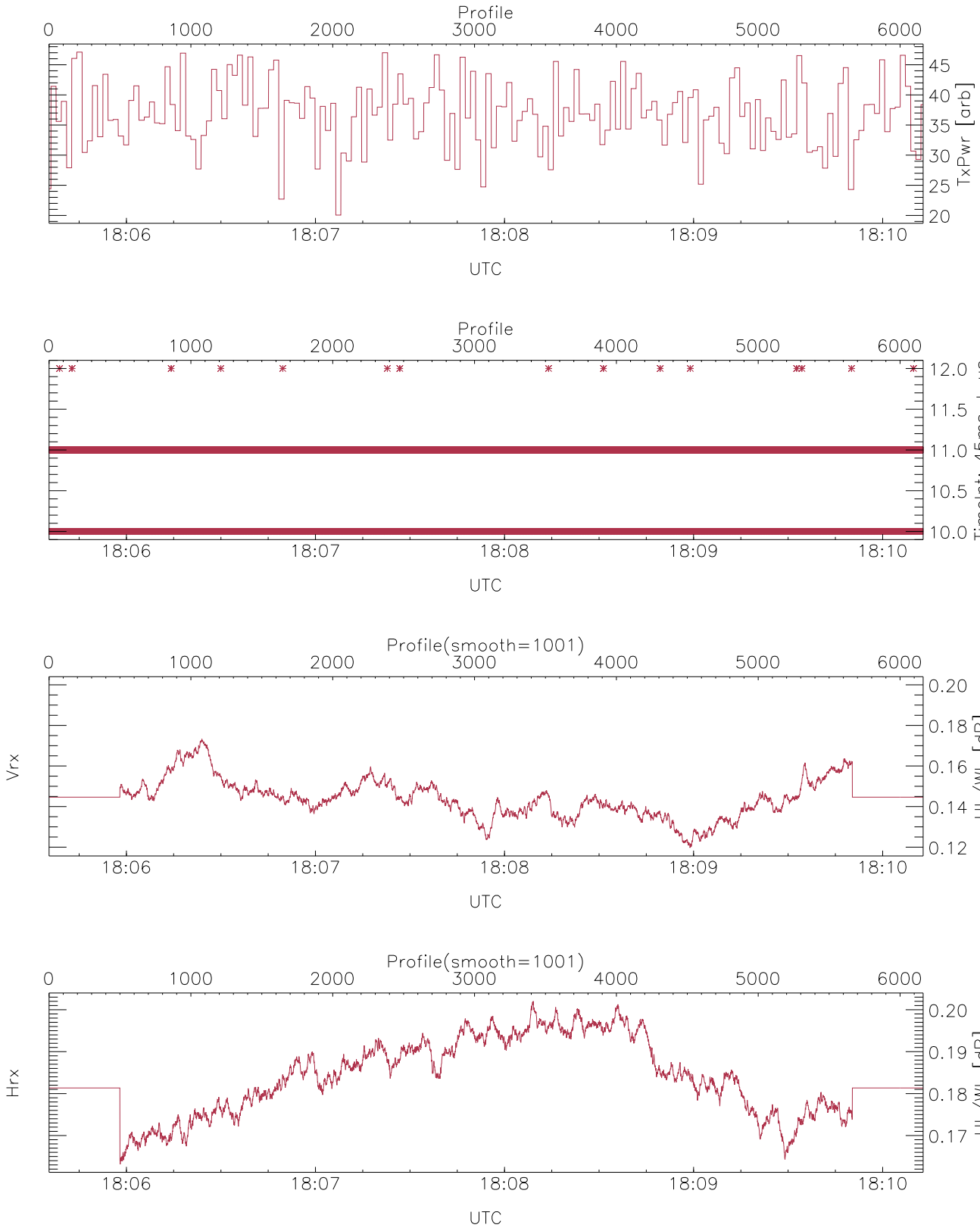
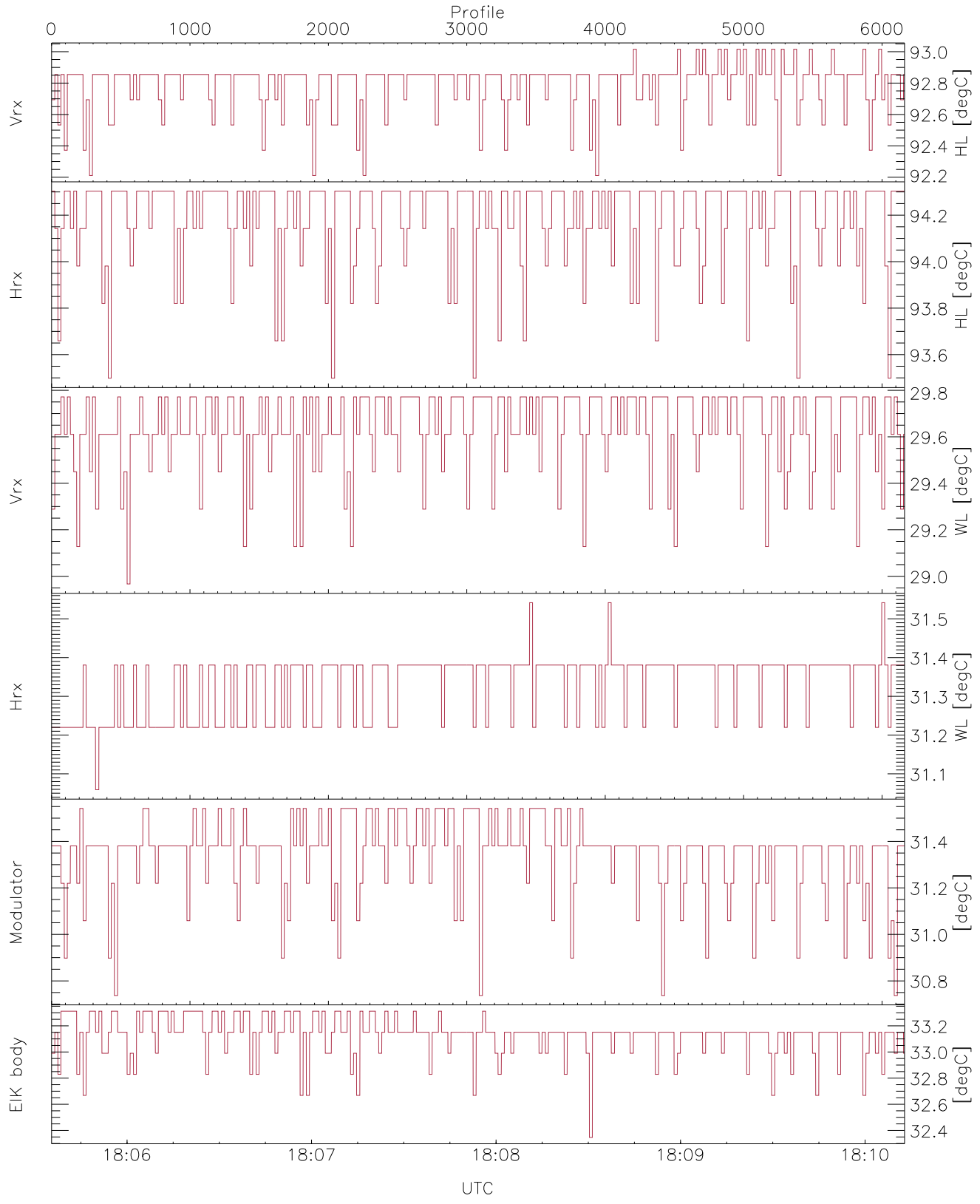


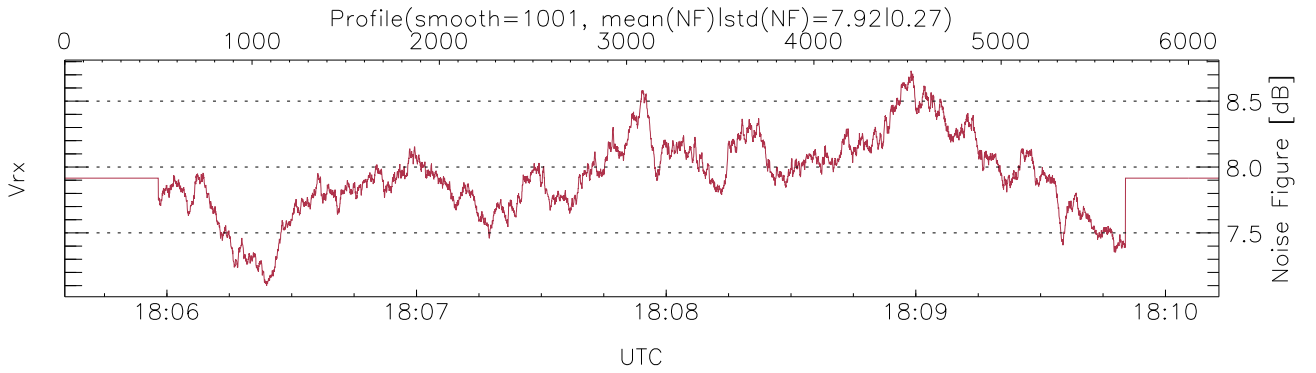
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

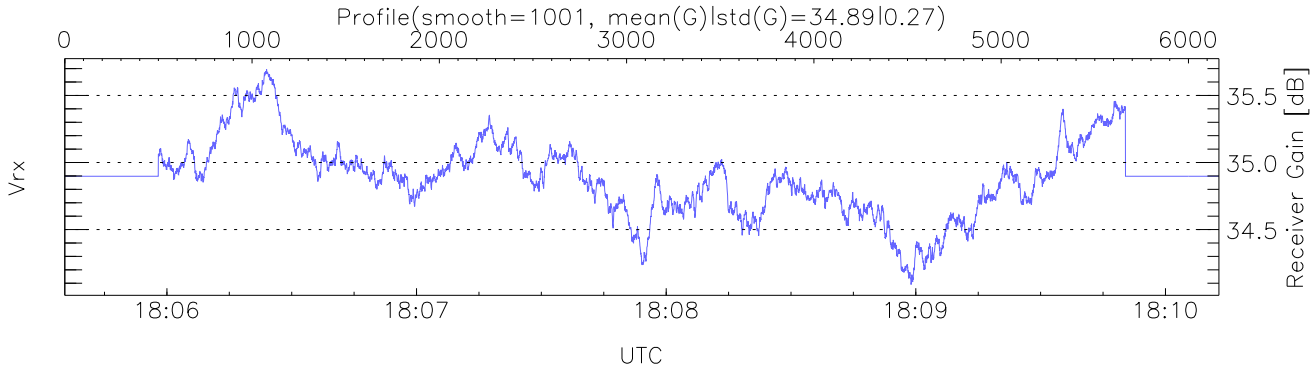
UTC: 18:05:35-18:10:13, TimeCor: 0.00s, Dur: 277.40s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
NumRec(r/t): 6164/6164, 0-6163/18:05:35-18:10:13
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: H1 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): 3

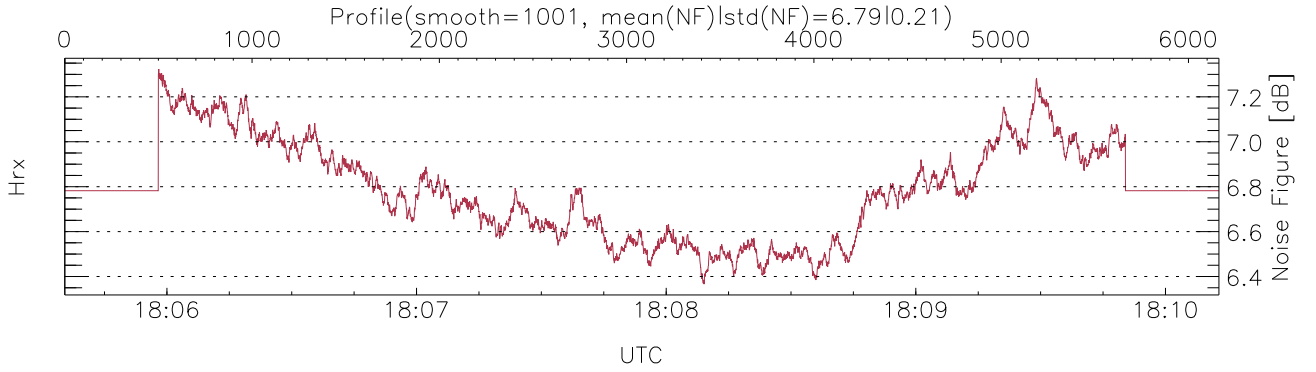


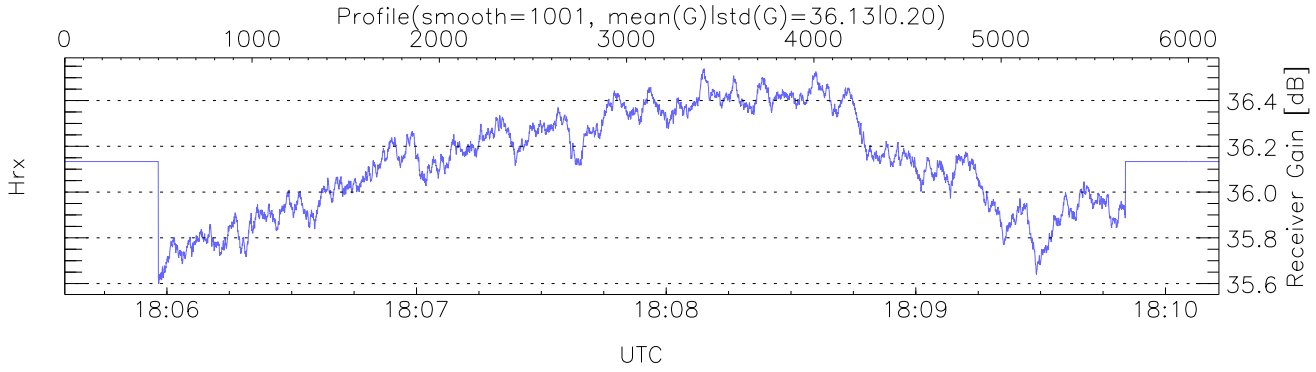
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,28,31,30,32
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,29,31,31,33
LOalarm(20,240,2817,14861 MHz): None
EIK/Modulator Faults: None



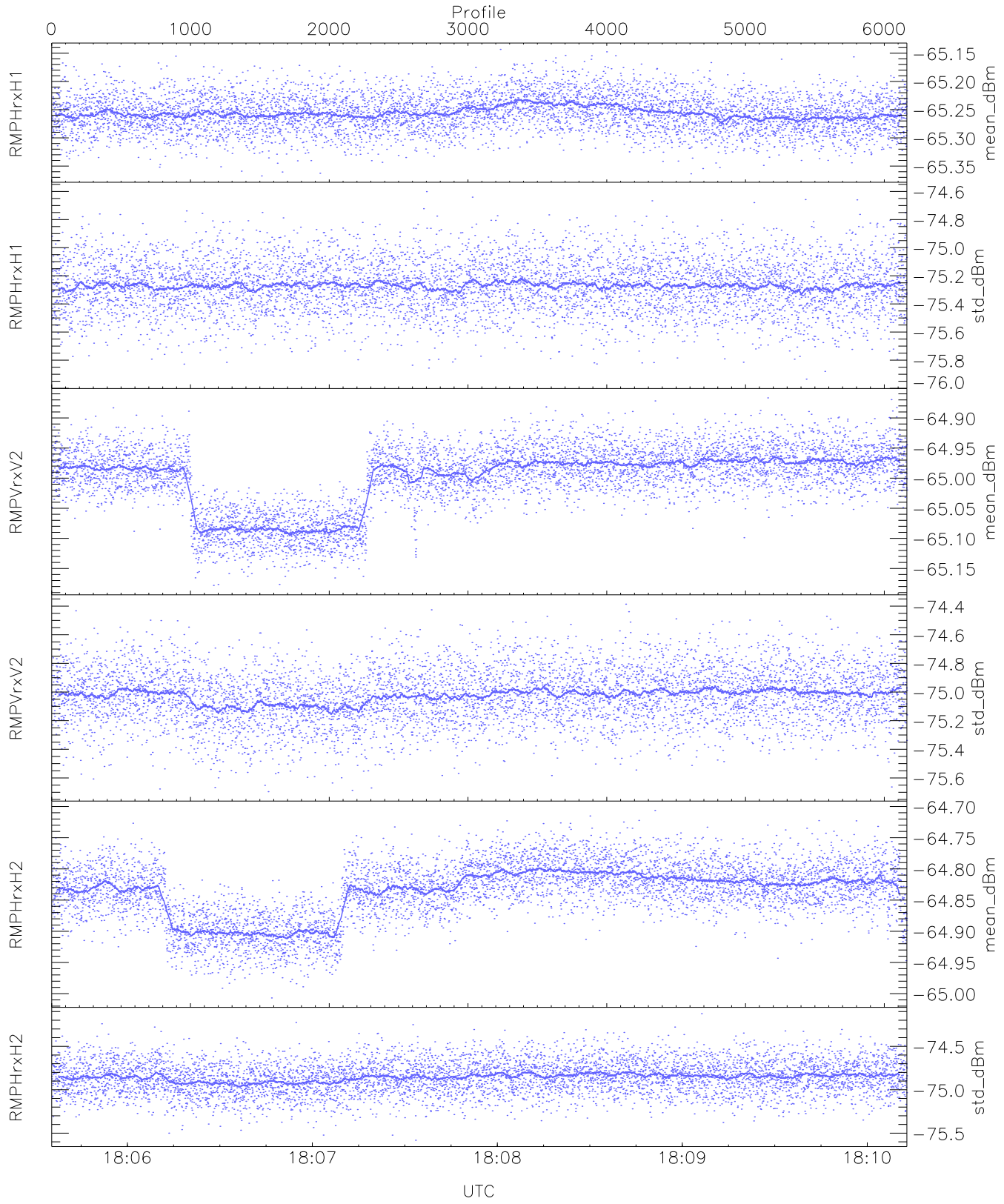






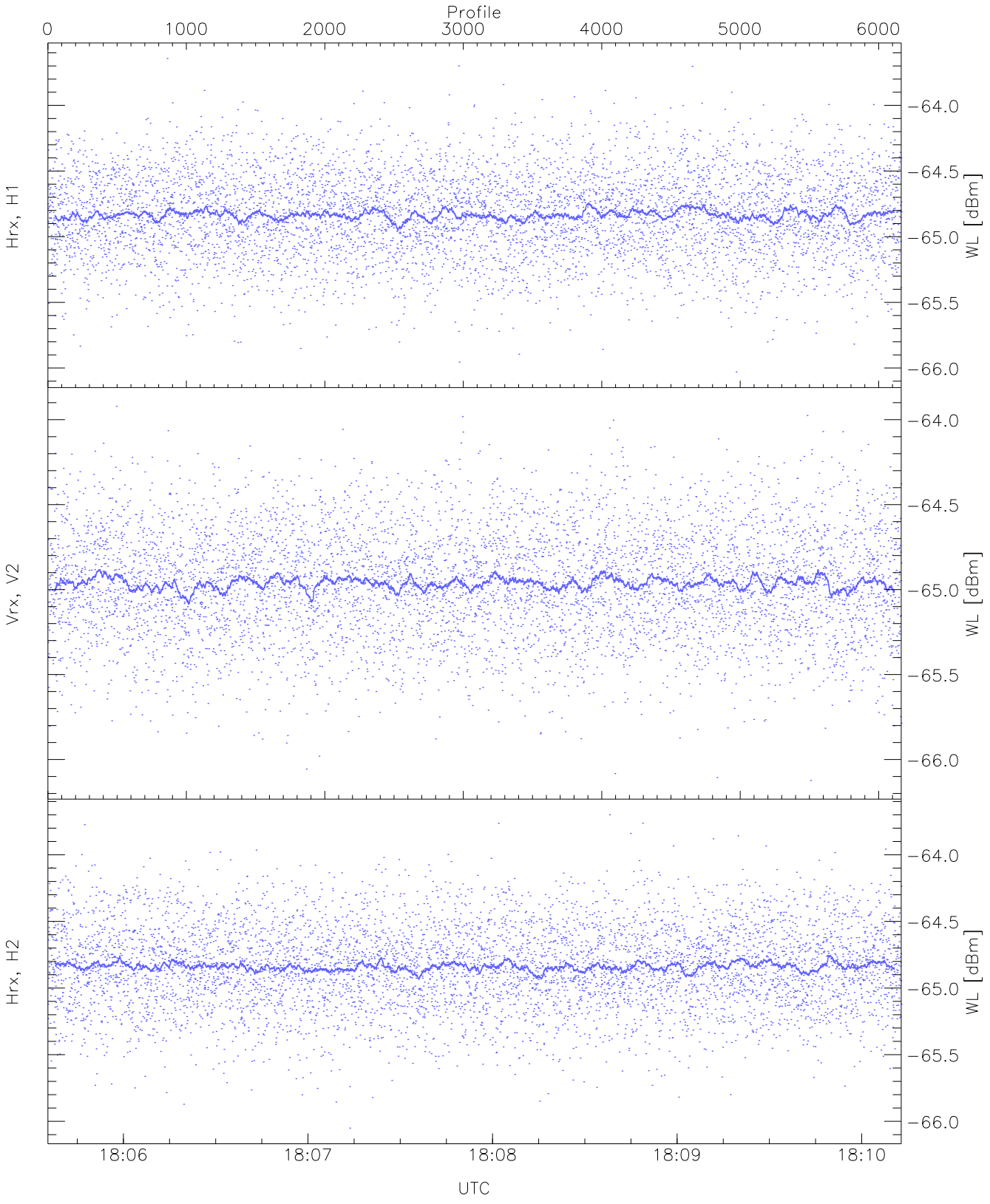
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 539 pixs, 1 gates, 539 profs, 1 prod(s)



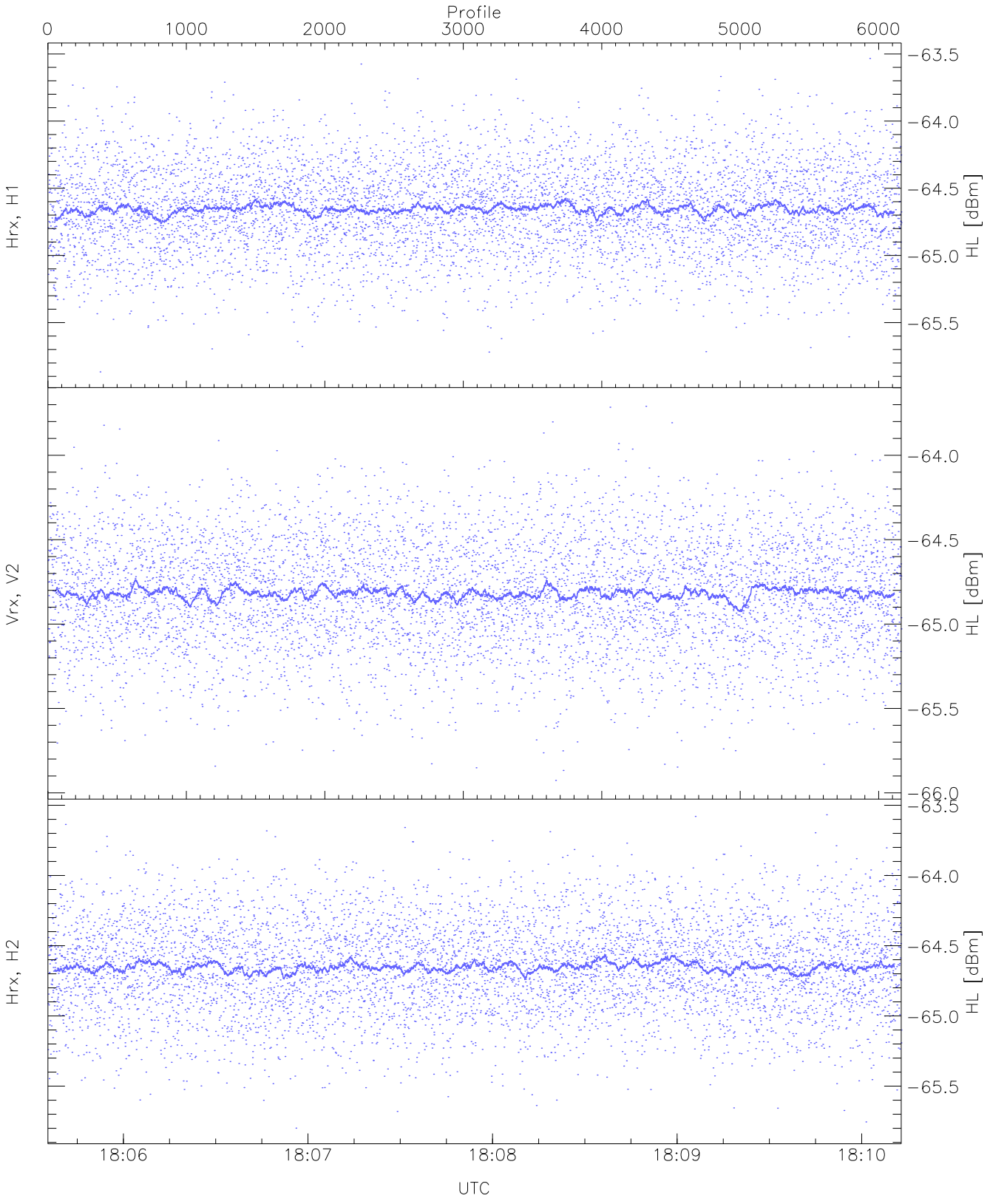
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.37	-65.14	-65.26	-65.26	-86.67
RMPHrxH1(std_dBm)	-75.94	-74.60	-75.27	-75.27	-89.09
RMPVrxV2(mean_dBm)	-65.18	-64.87	-65.00	-64.99	-84.13
RMPVrxV2(std_dBm)	-75.70	-74.39	-75.02	-75.02	-88.77
RMPHrxH2(mean_dBm)	-65.01	-64.71	-64.84	-64.83	-84.57
RMPHrxH2(std_dBm)	-75.58	-74.12	-74.85	-74.86	-88.61



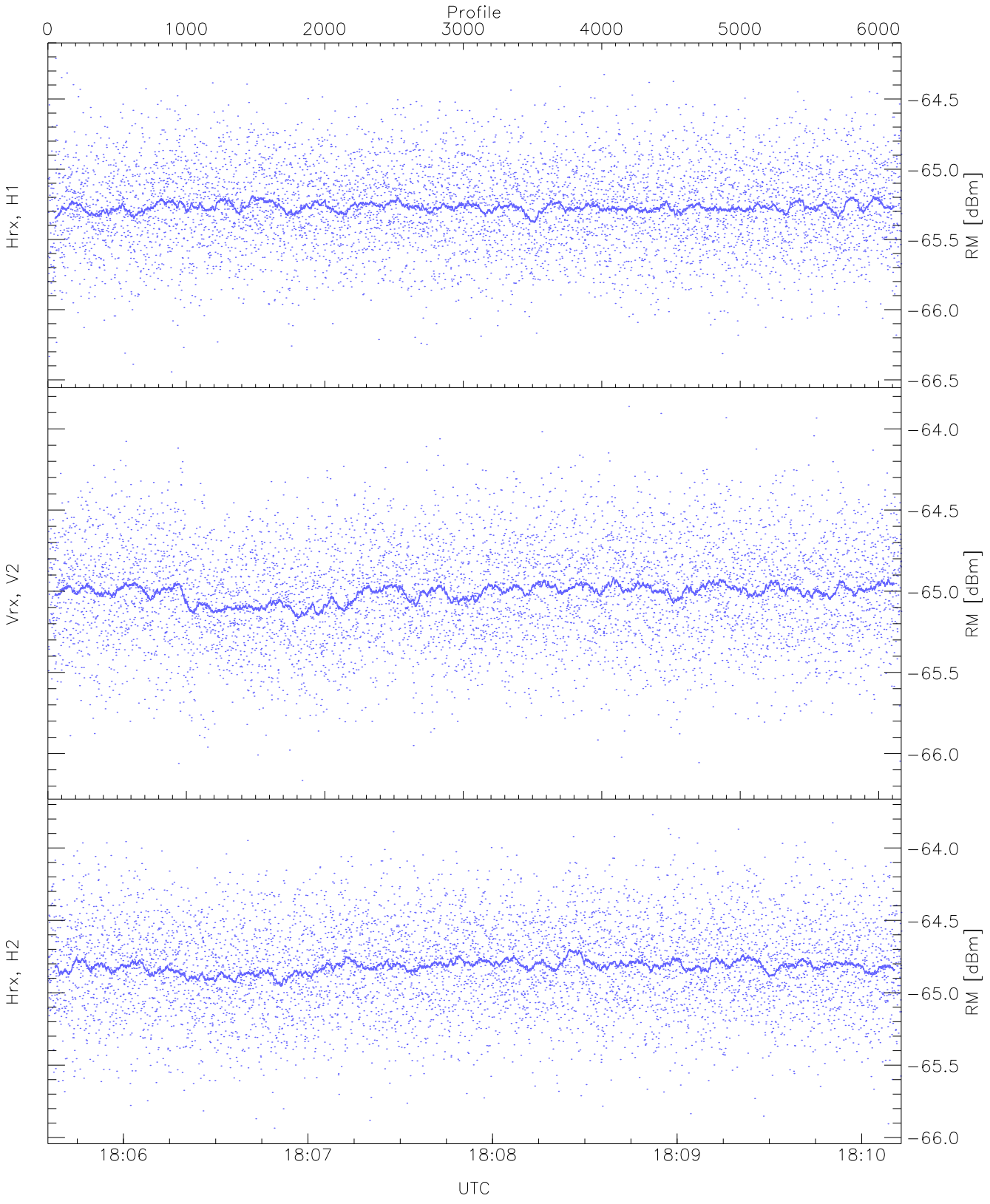
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.03	-63.64	-64.83	-64.83	-76.31
Vrx, V2(WL [dBm])	-66.12	-63.92	-64.95	-64.96	-76.46
Hrx, H2(WL [dBm])	-66.05	-63.70	-64.83	-64.84	-76.39



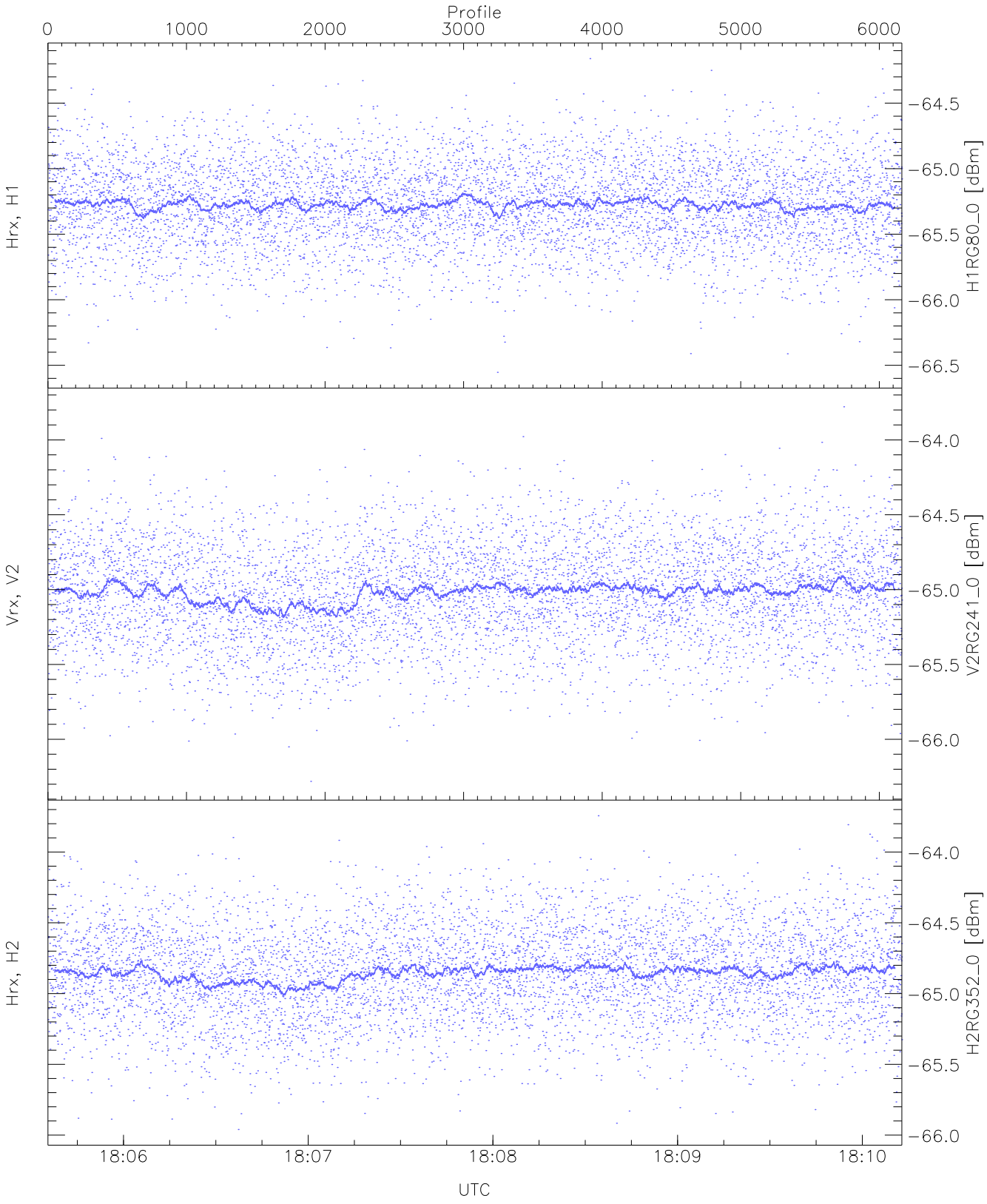
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.87	-63.53	-64.65	-64.65	-76.10
Vrx, V2(HL [dBm])	-65.93	-63.71	-64.81	-64.82	-76.35
Hrx, H2(HL [dBm])	-65.80	-63.57	-64.64	-64.65	-76.11



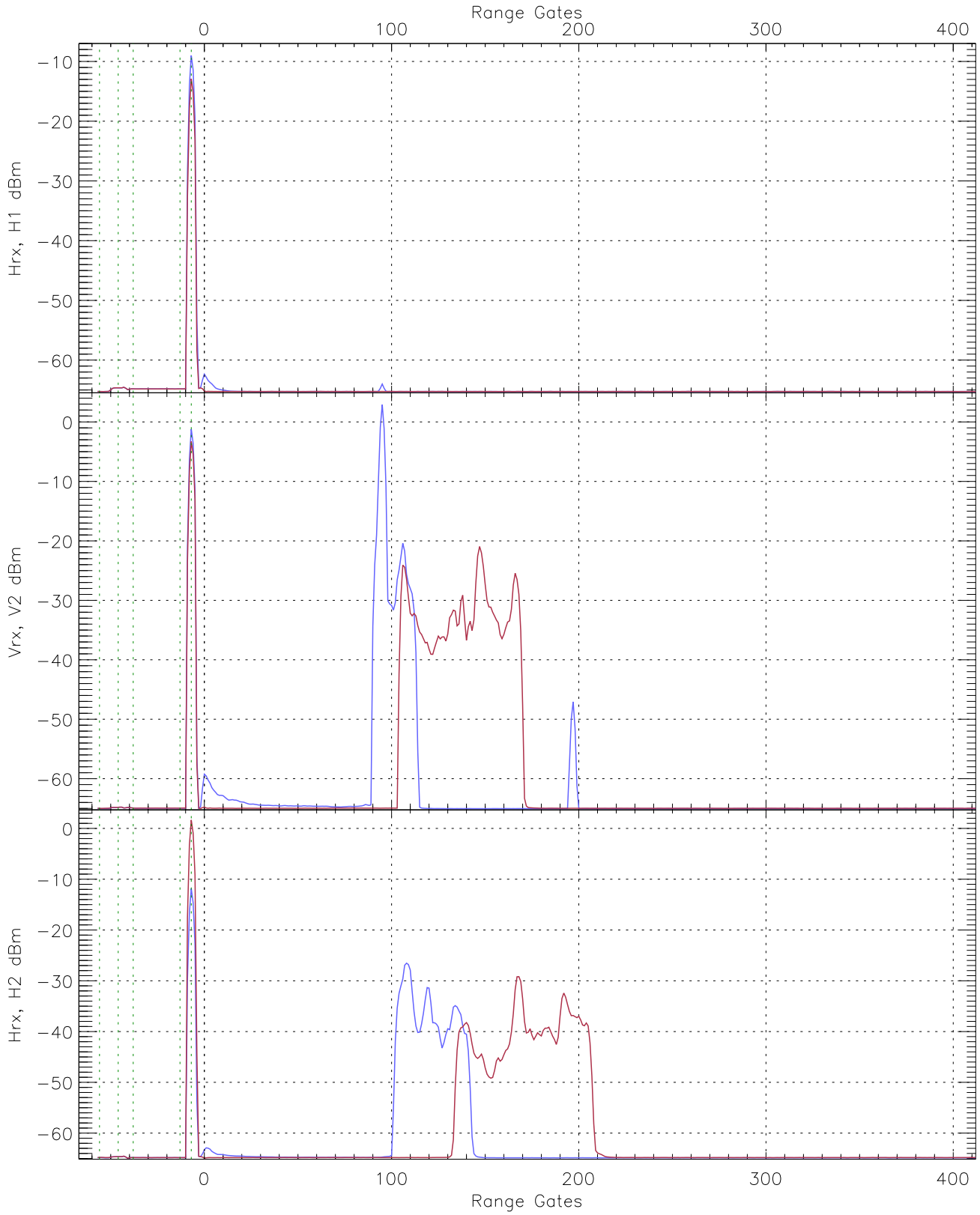
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.44	-64.21	-65.26	-65.27	-76.82
Vrx, V2(RM [dBm])	-66.17	-63.86	-65.00	-65.01	-76.46
Hrx, H2(RM [dBm])	-65.93	-63.77	-64.81	-64.82	-76.24

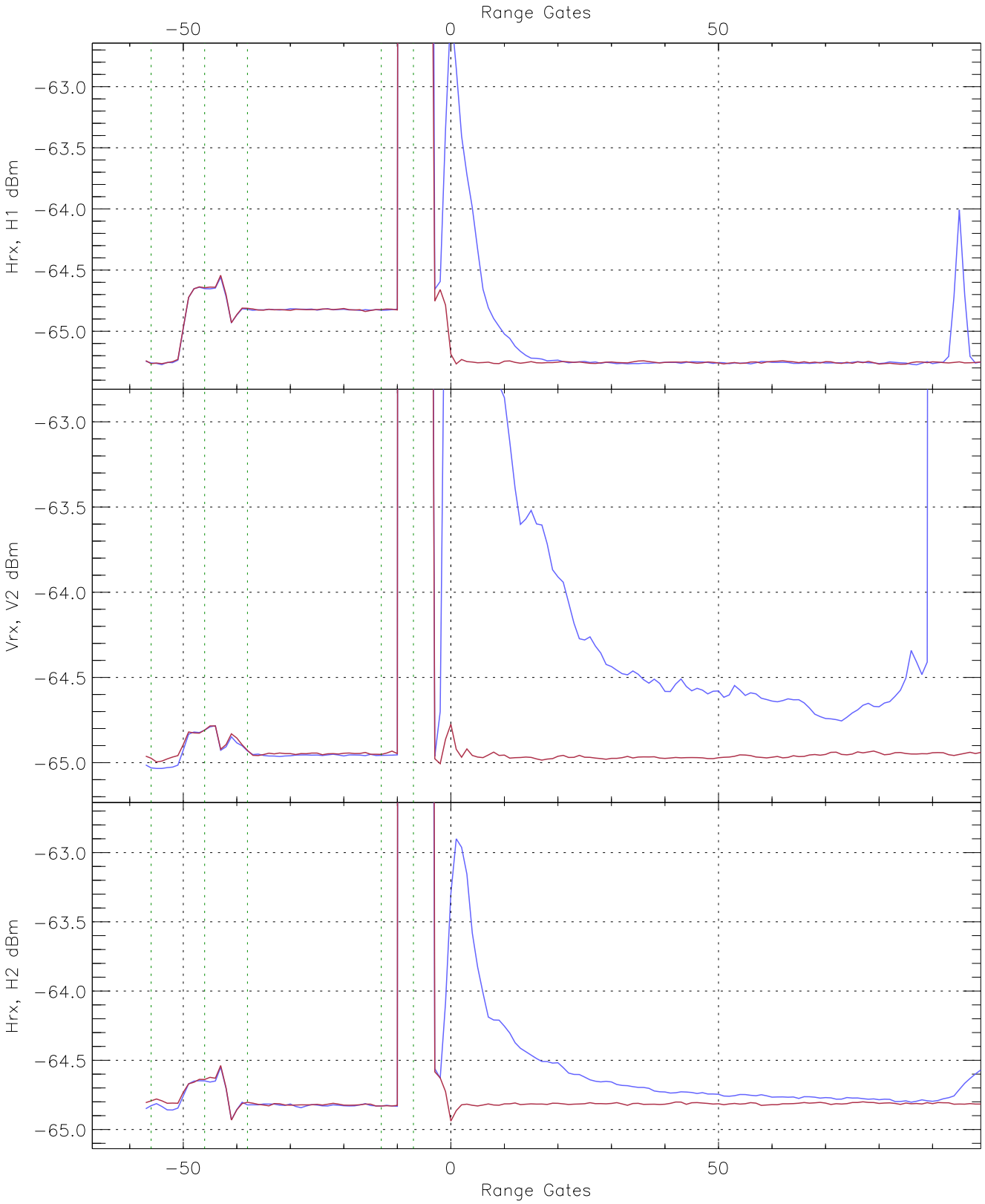


WCR3 CPP "Best" estimate Receivers Noise Power

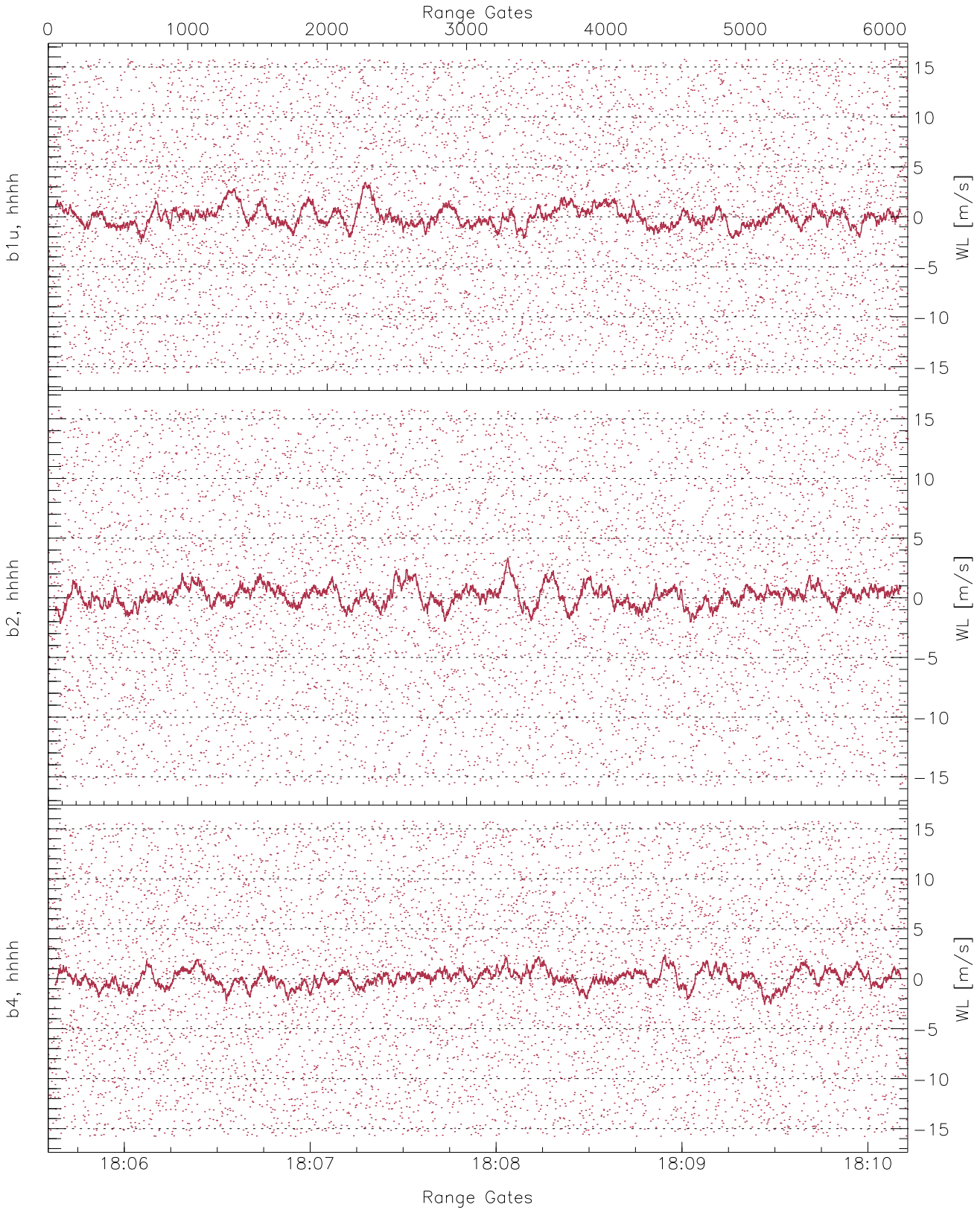
	Min	Max	Mean	Median	StDev
H1RG80_0 [dBm]	-66.55	-64.16	-65.27	-65.27	-76.78
V2RG241_0 [dBm]	-66.28	-63.78	-65.01	-65.02	-76.47
H2RG352_0 [dBm]	-65.96	-63.74	-64.85	-64.85	-76.33



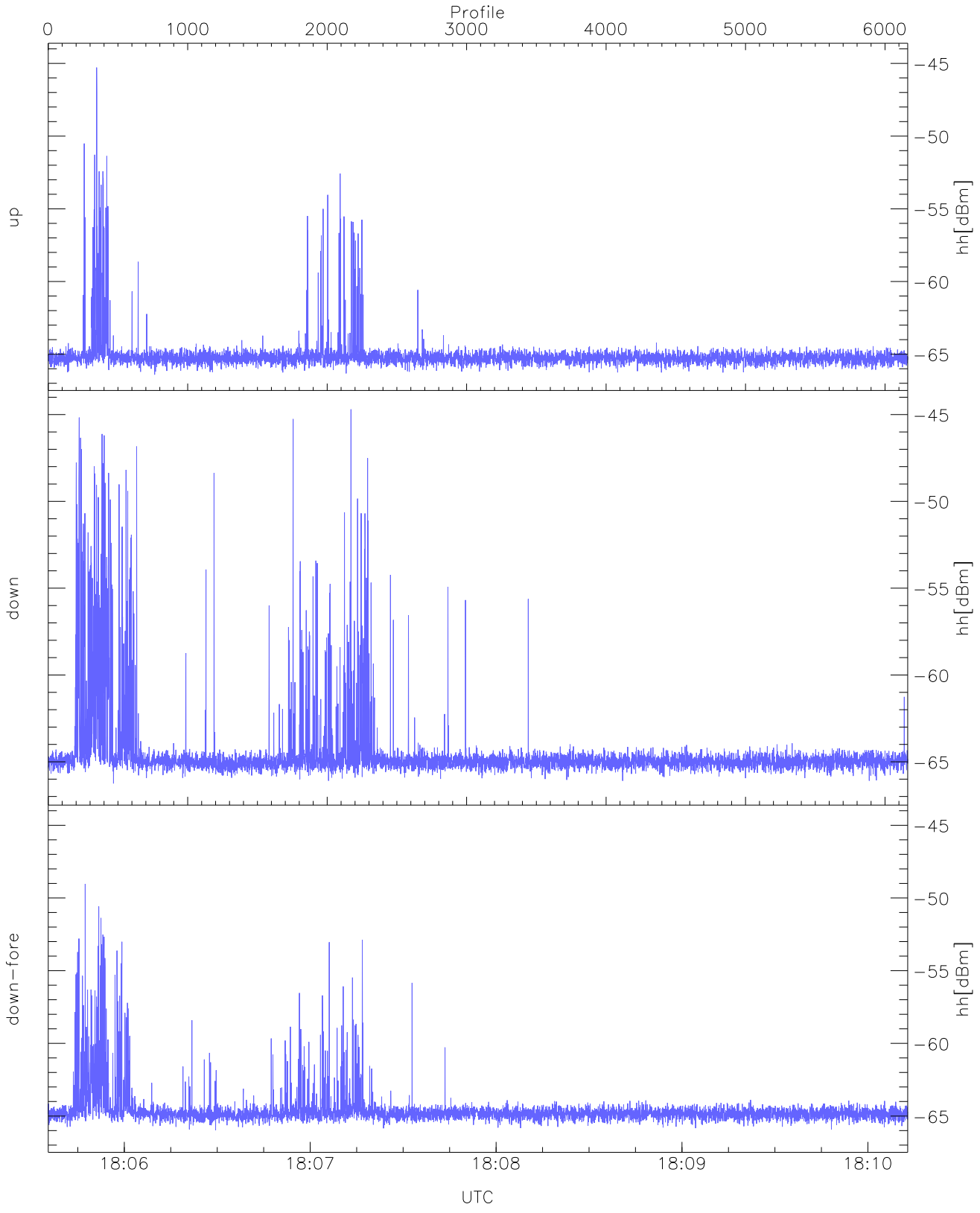
WCR3 CPP Averaged Received power for all recorded gates
blue: 180535-180754, 3083 profiles averaged
red: 180754-181013, 3082 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 180535-180754, 3083 profiles averaged
red: 180754-181013, 3082 profiles averaged

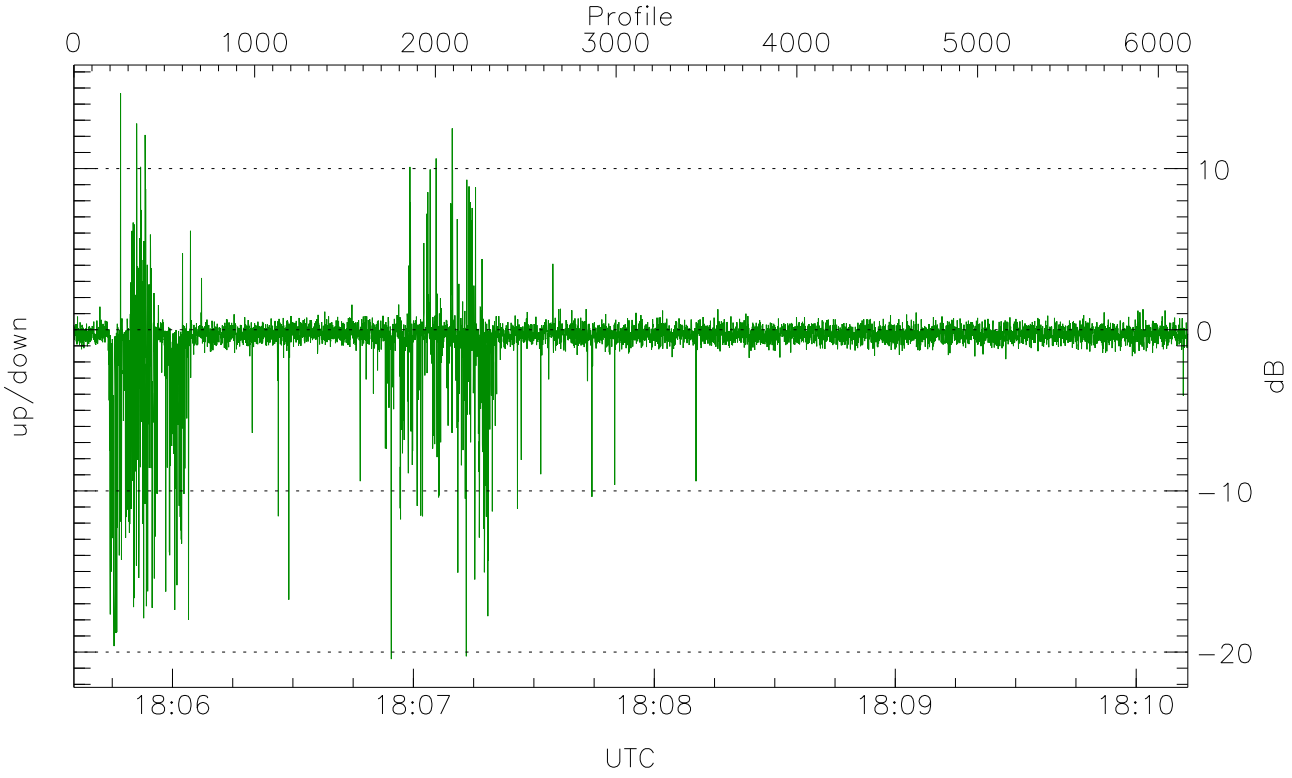


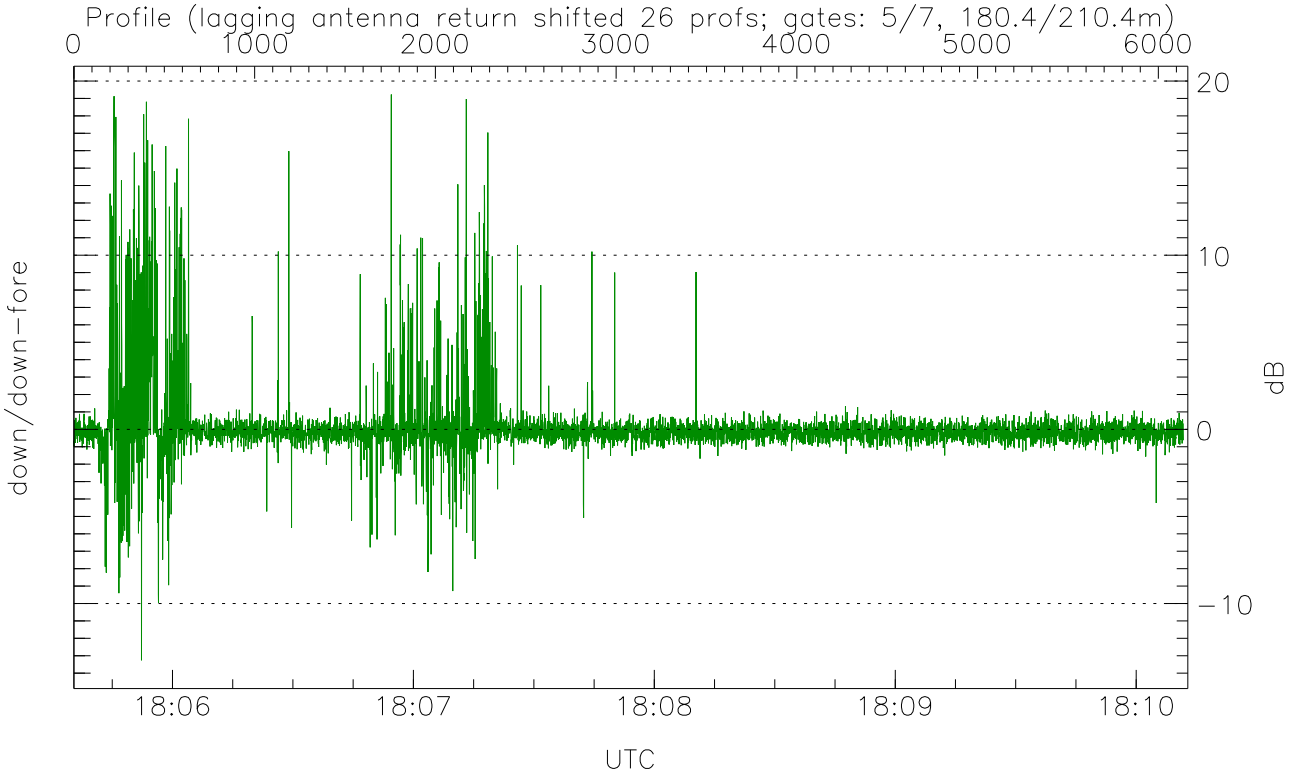
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

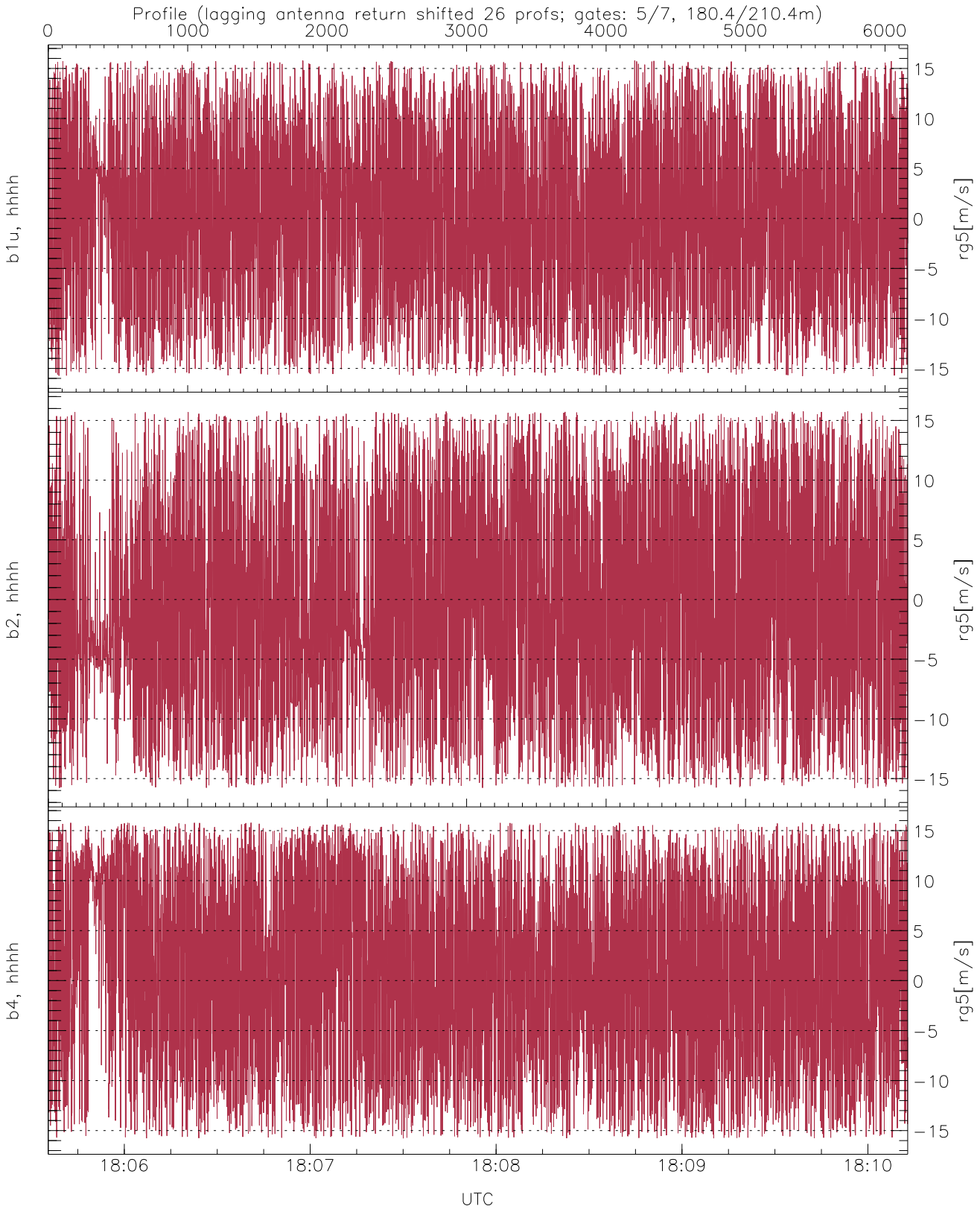
	Min	Max	Mean
up(hh[dBm])	-66.41	-45.28	-64.77
down(hh[dBm])	-66.25	-44.70	-63.19
down-fore(hh[dBm])	-65.97	-49.03	-64.30





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

	Min	Max	Mean
up/down(dB)	-20.43	14.67	-0.57
down/down-fore(dB)	-13.26	19.23	0.10



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.76	15.79	0.17	8.46
b2, hhhh(rg5[m/s])	-15.78	15.79	-0.42	8.39
b4, hhhh(rg5[m/s])	-15.78	15.79	0.89	9.00