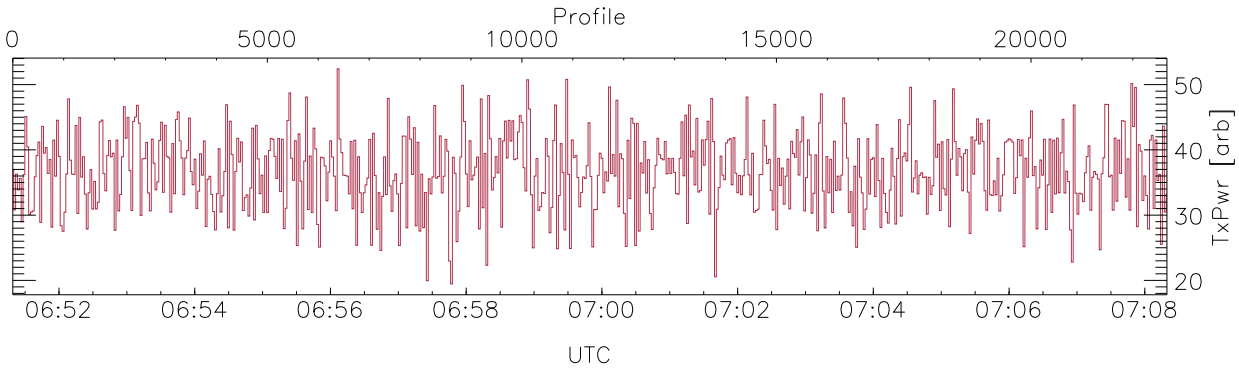
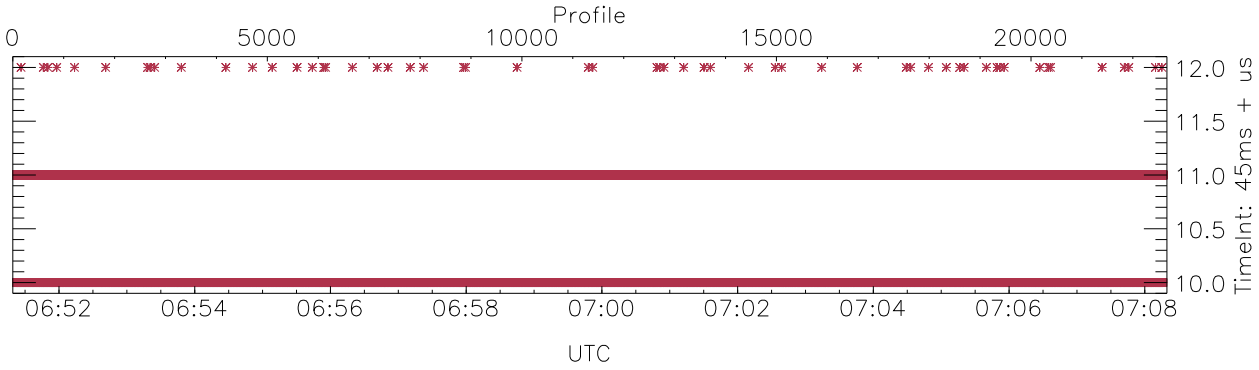
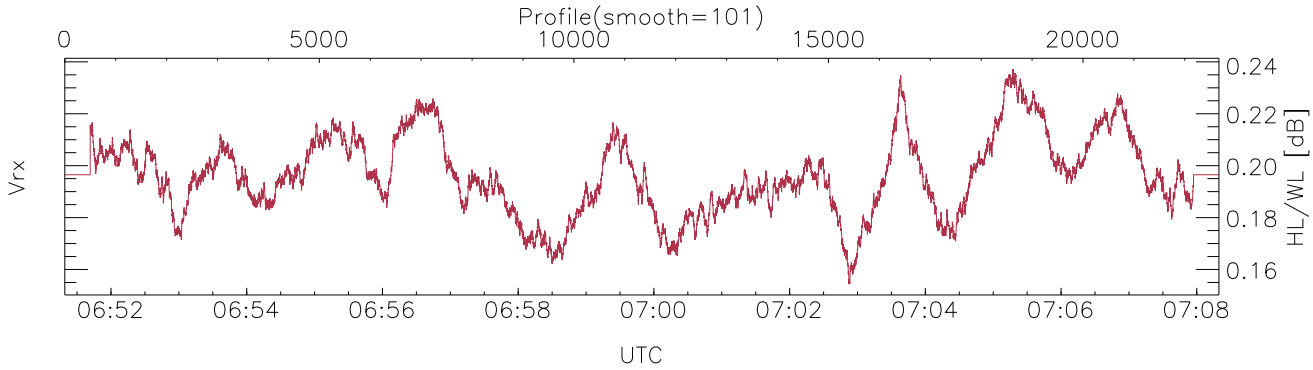
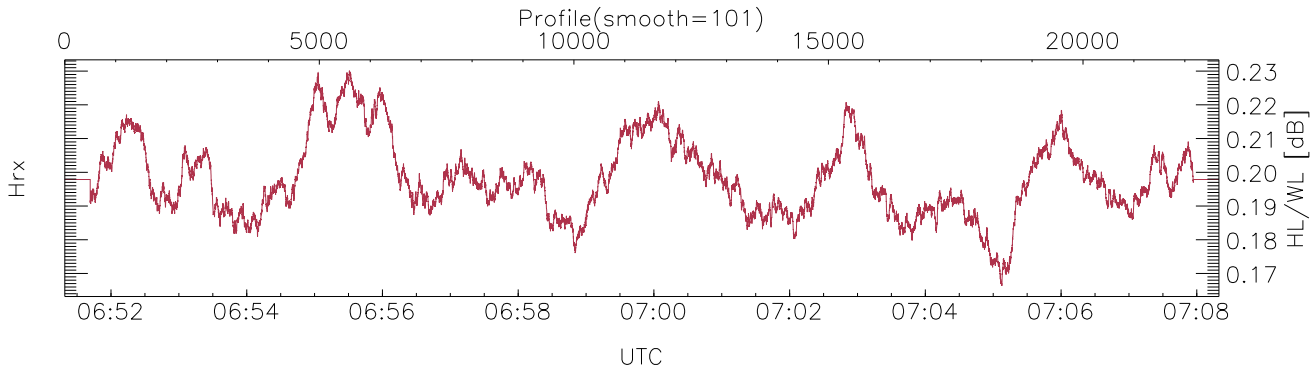


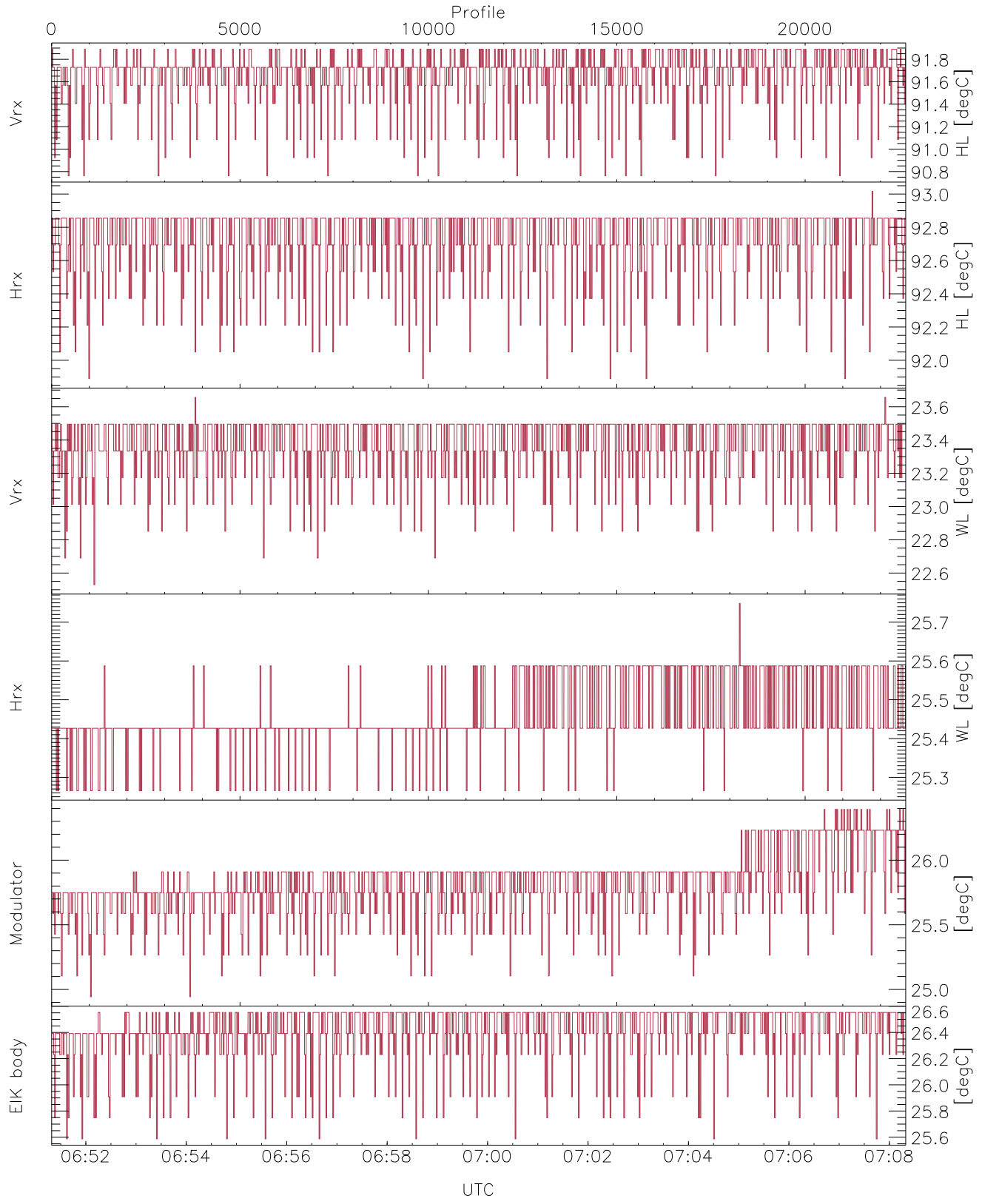






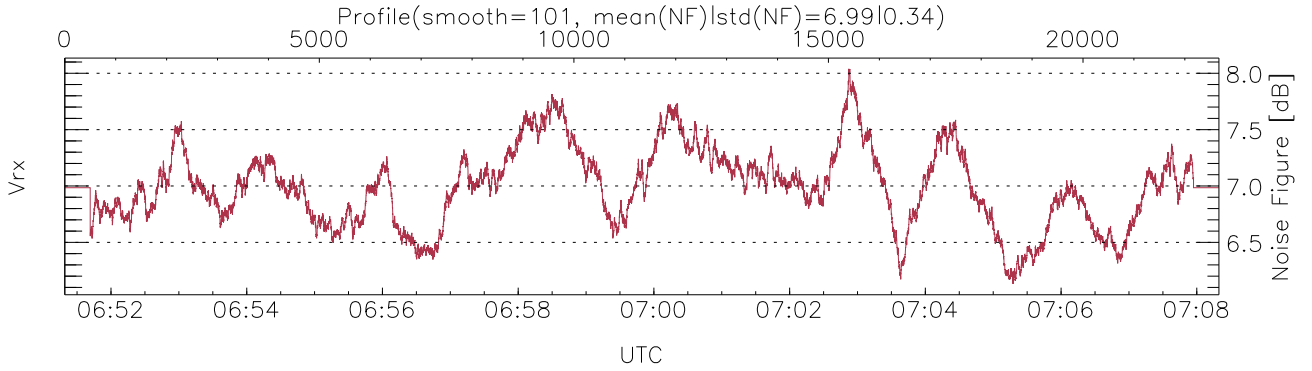
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

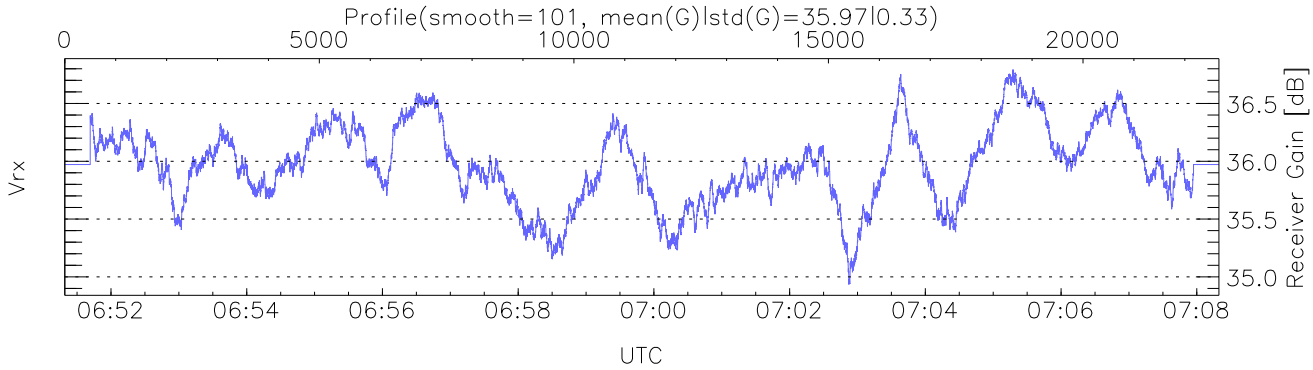
UTC: 06:51:19-07:08:20, TimeCor: 0.00s, Dur: 1020.45s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
NumRec(r/t): 22672/22672, 0-22671/06:51:19-07:08:20
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: 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

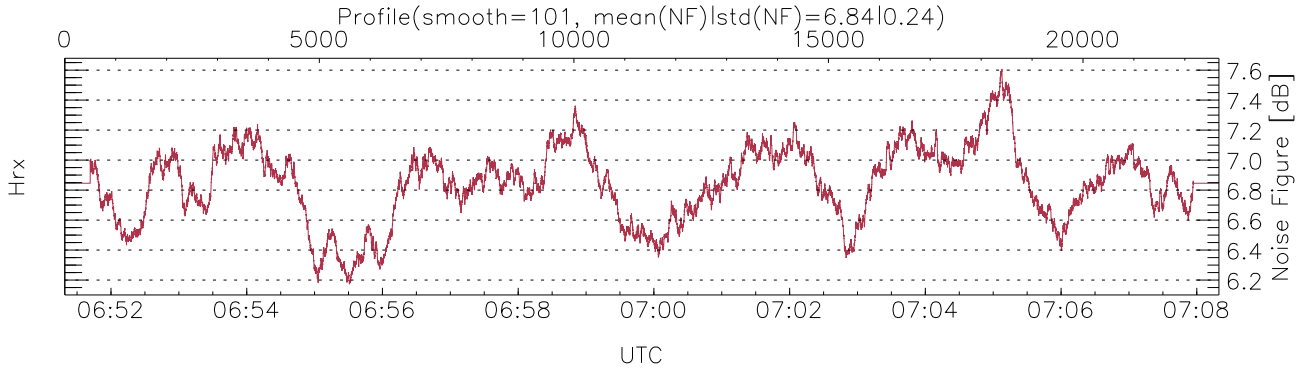


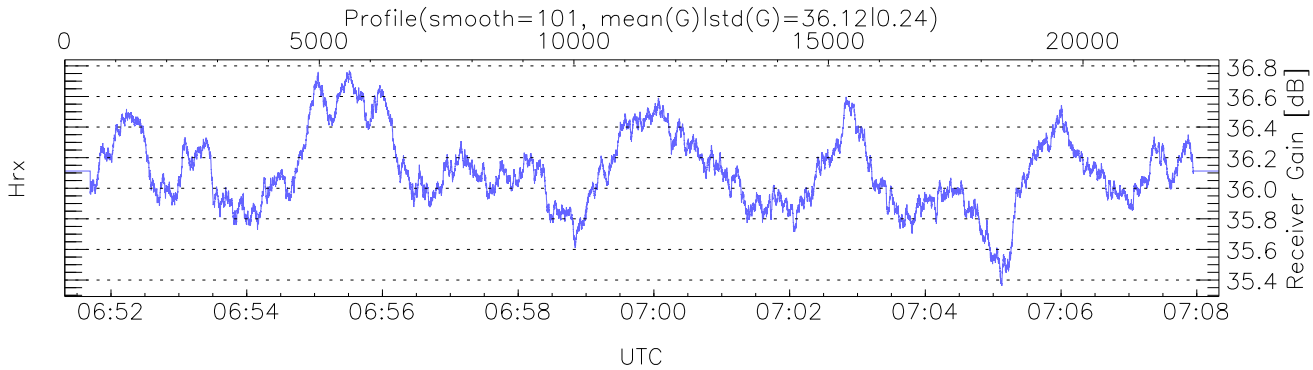
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,22,25,24,25
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,23,25,26,26
LOalarm(20,240,2817,14861 MHz): 0,0,44,0
EIK/Modulator Faults: None



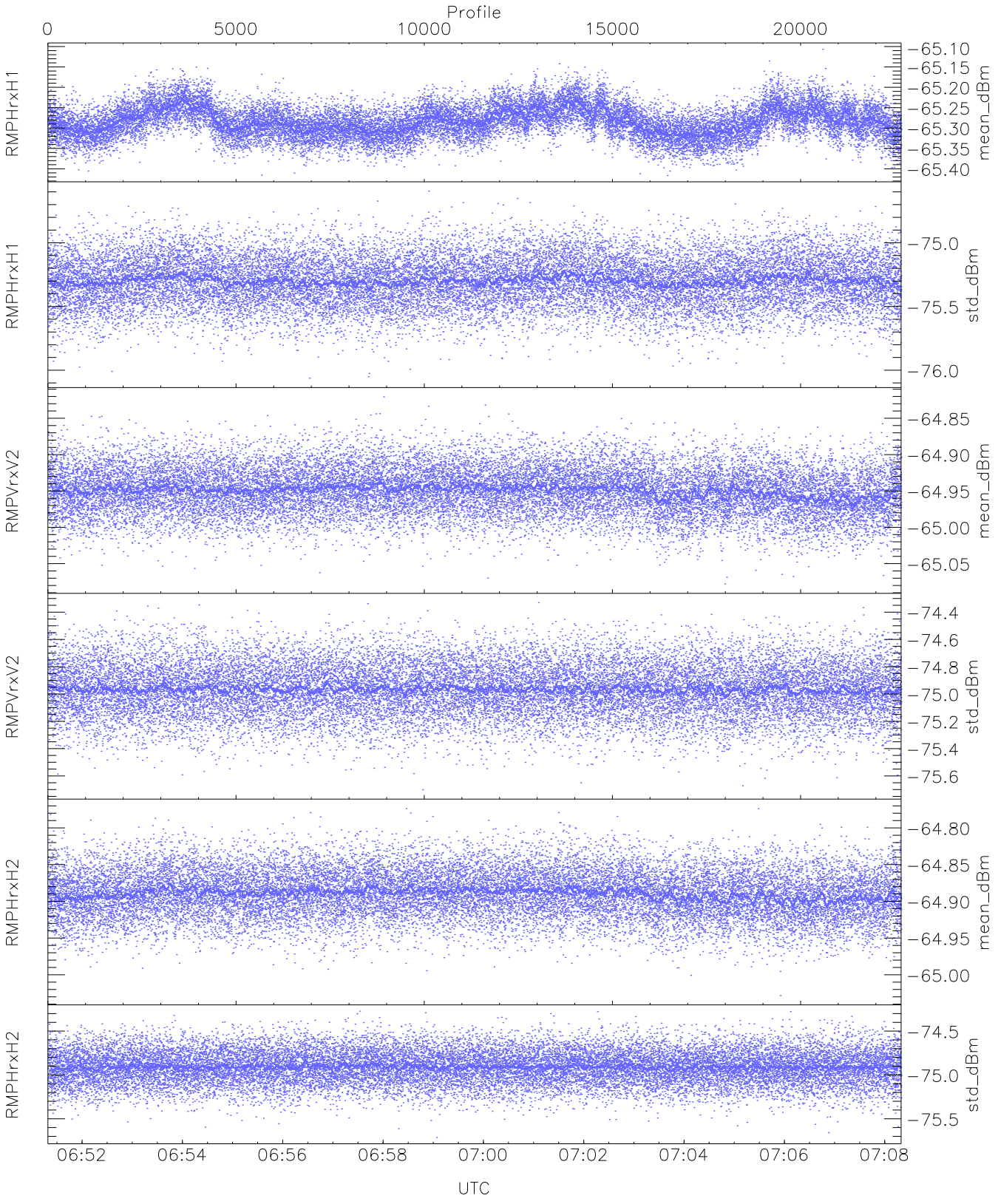






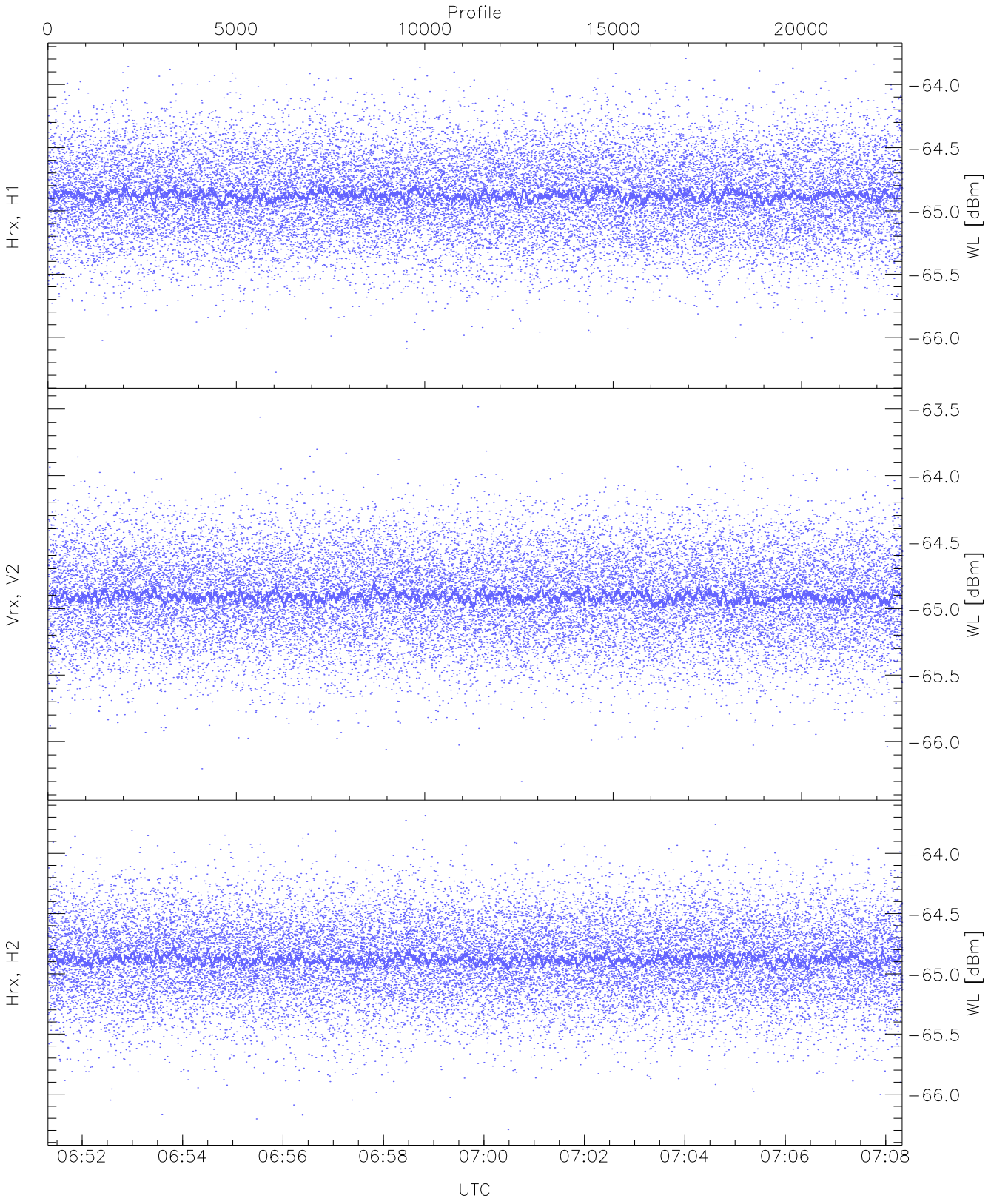
WCR3 CPP Receivers Gain and Noise Figure

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



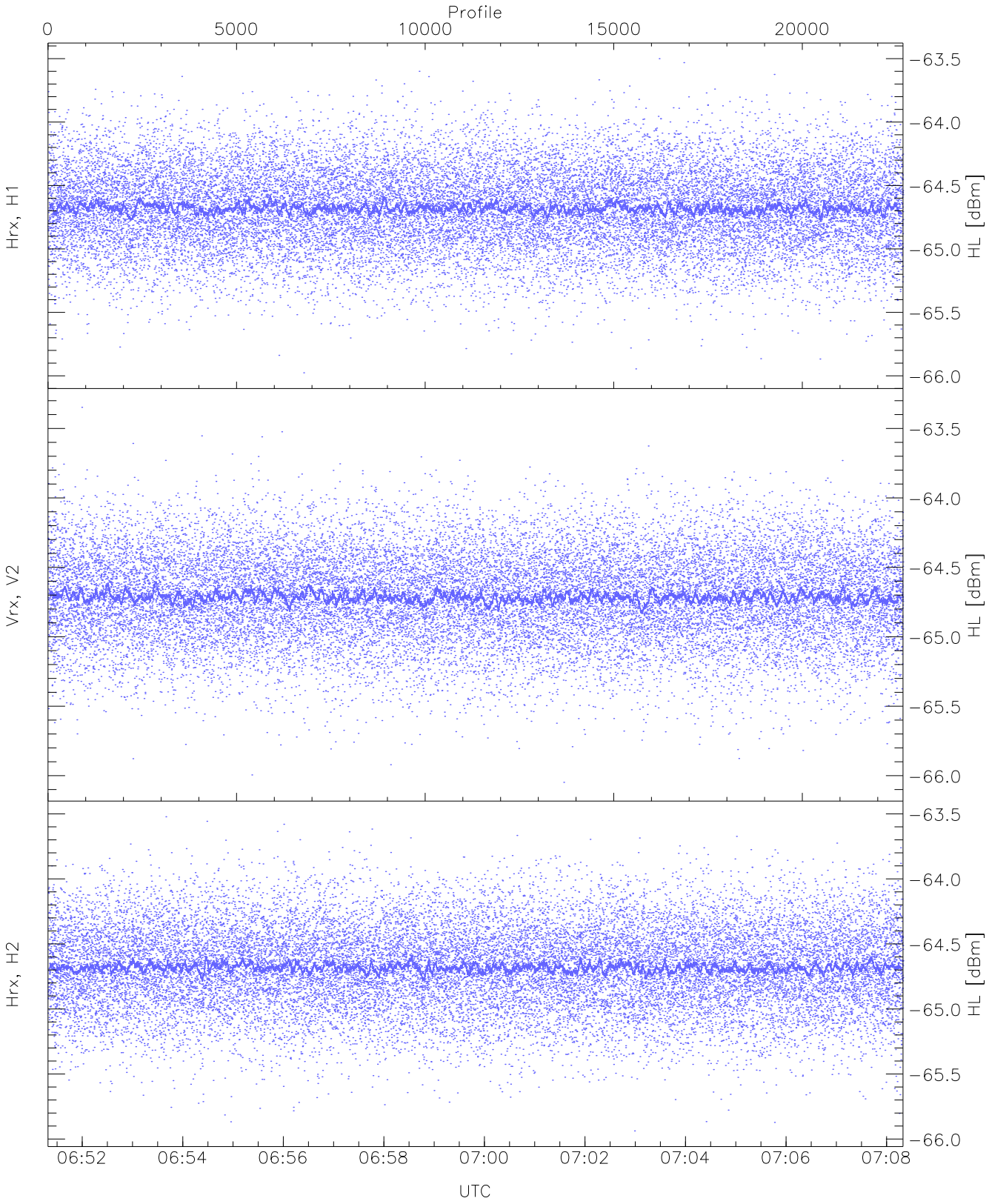
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.42	-65.11	-65.28	-65.28	-85.84
RMPHrxH1(std_dBm)	-76.06	-74.59	-75.30	-75.30	-89.03
RMPVrxV2(mean_dBm)	-65.08	-64.82	-64.95	-64.95	-86.45
RMPVrxV2(std_dBm)	-75.70	-74.33	-74.96	-74.97	-88.77
RMPHrxH2(mean_dBm)	-65.03	-64.77	-64.89	-64.89	-86.43
RMPHrxH2(std_dBm)	-75.71	-74.27	-74.91	-74.91	-88.71



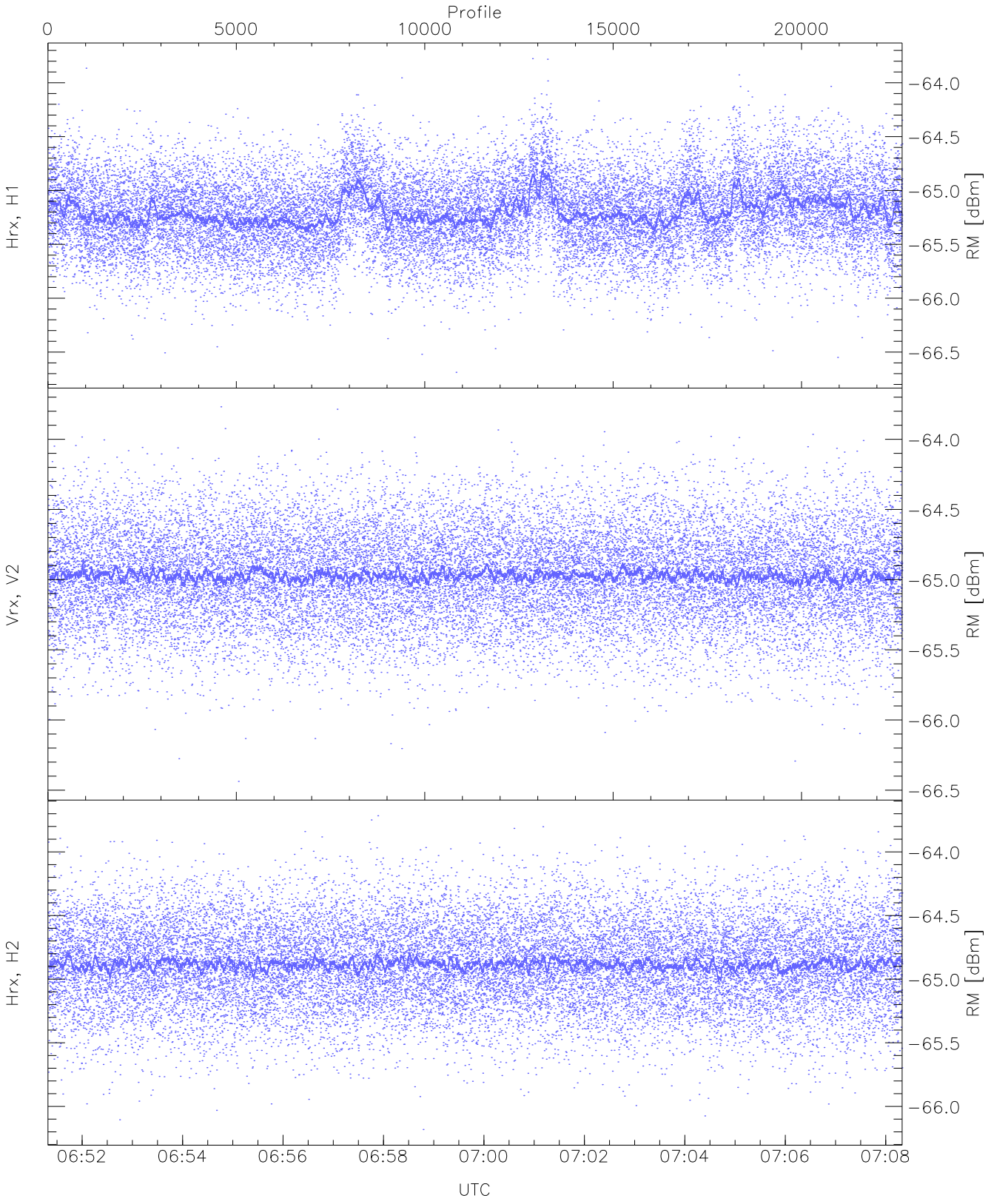
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.28	-63.80	-64.87	-64.88	-76.37
Vrx, V2(WL [dBm])	-66.30	-63.48	-64.90	-64.91	-76.37
Hrx, H2(WL [dBm])	-66.29	-63.69	-64.87	-64.88	-76.33



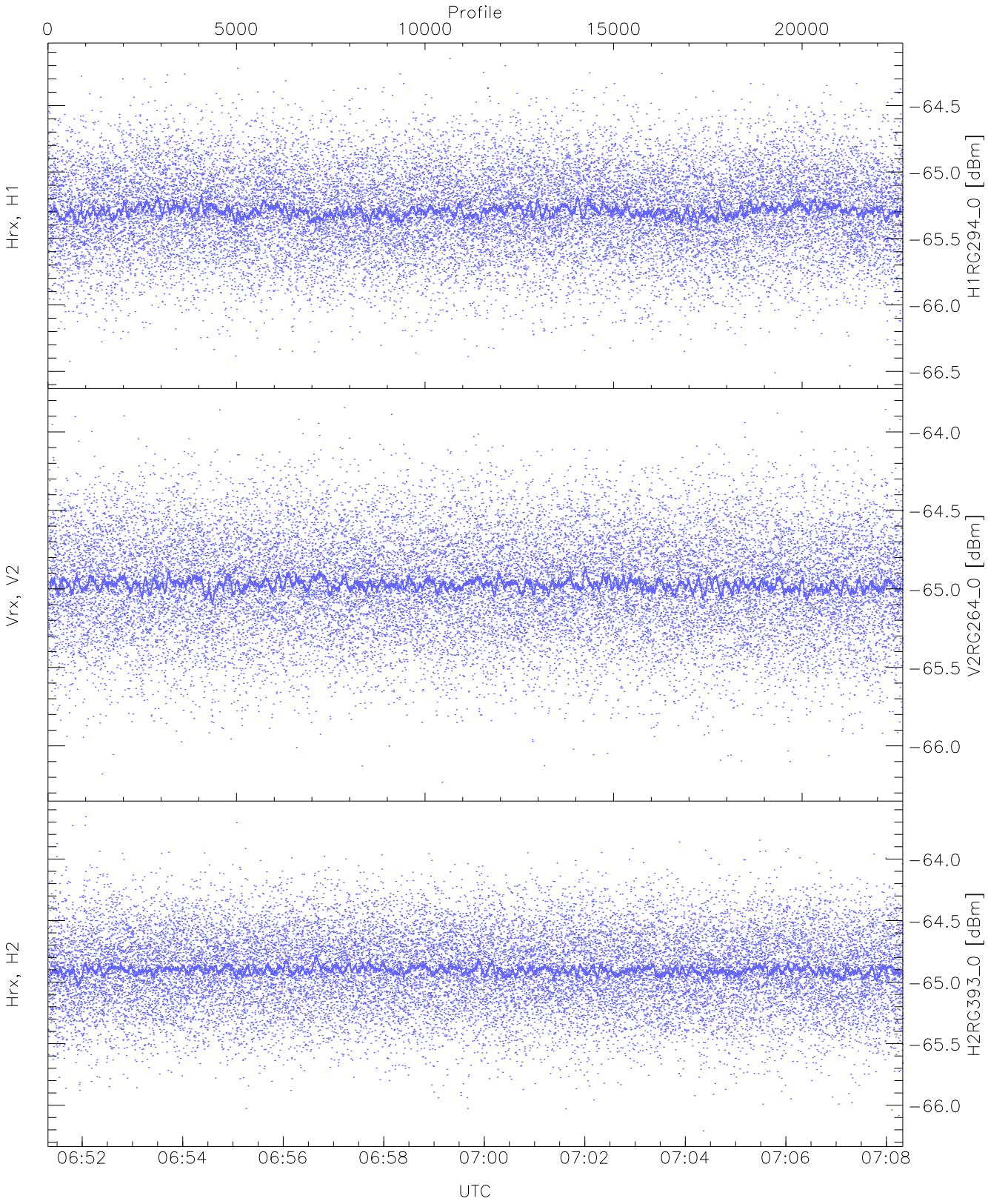
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.98	-63.50	-64.67	-64.68	-76.19
Vrx, V2(HL [dBm])	-66.05	-63.35	-64.71	-64.71	-76.19
Hrx, H2(HL [dBm])	-65.94	-63.52	-64.67	-64.68	-76.16



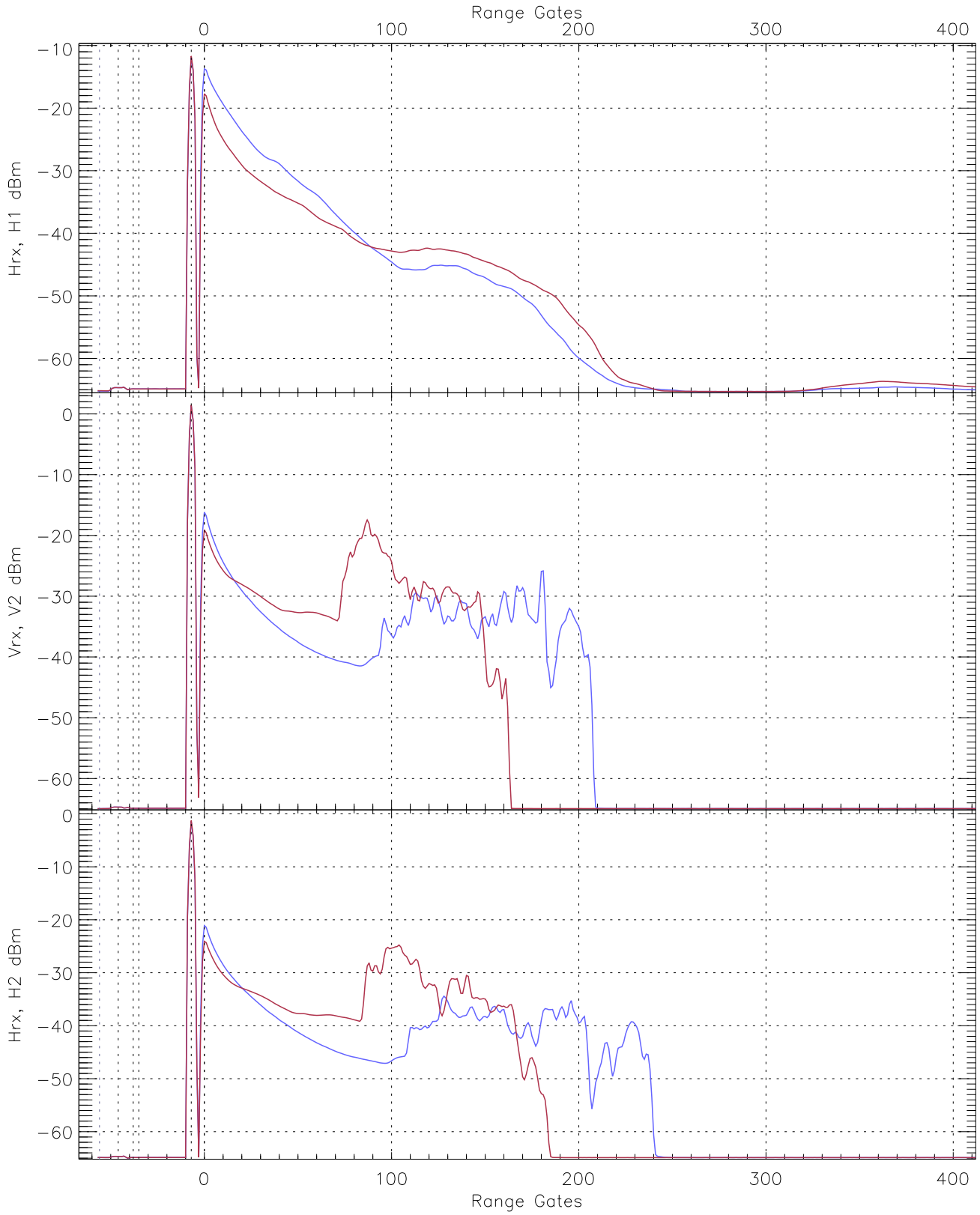
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.69	-63.78	-65.19	-65.20	-76.41
Vrx, V2(RM [dBm])	-66.44	-63.77	-64.96	-64.97	-76.47
Hrx, H2(RM [dBm])	-66.18	-63.72	-64.88	-64.89	-76.34

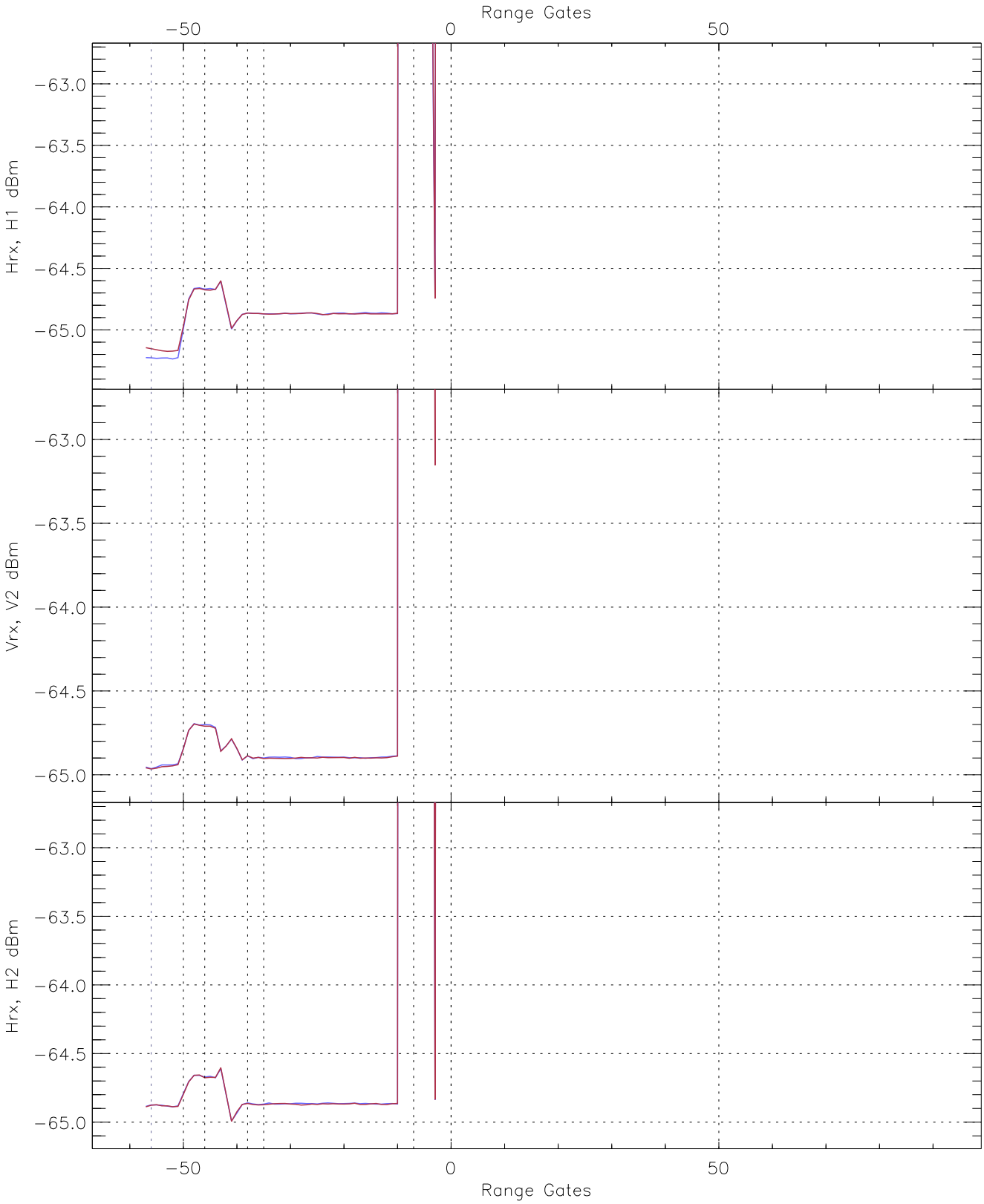


WCR3 CPP "Best" estimate Receivers Noise Power

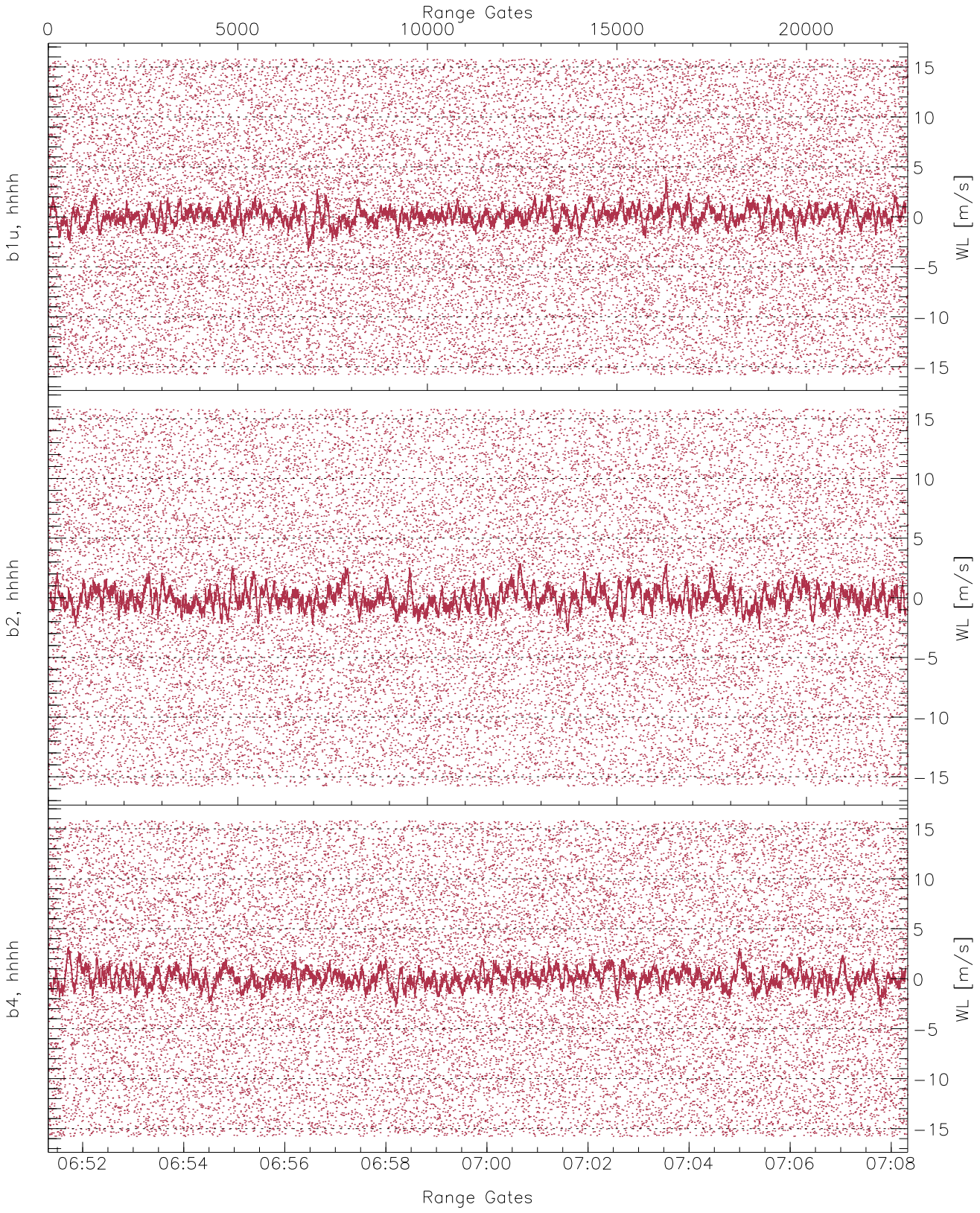
	Min	Max	Mean	Median	StDev
H1RG294_0 [dBm]	-66.51	-64.15	-65.29	-65.29	-76.79
V2RG264_0 [dBm]	-66.23	-63.84	-64.96	-64.97	-76.45
H2RG393_0 [dBm]	-66.21	-63.66	-64.89	-64.90	-76.39



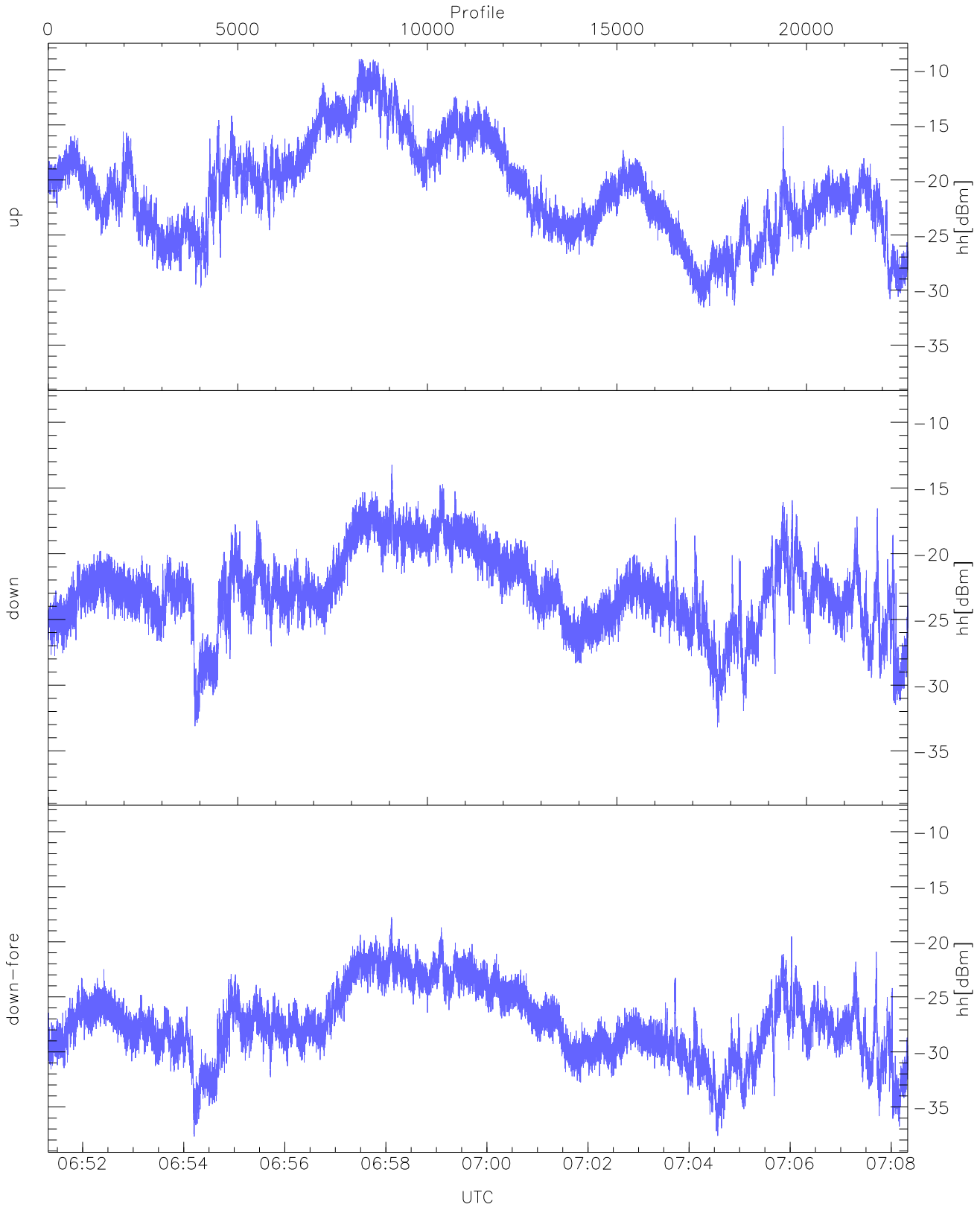
WCR3 CPP Averaged Received power for all recorded gates
blue: 065119-065949, 11337 profiles averaged
red: 065949-070820, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 065119-065949, 11337 profiles averaged
red: 065949-070820, 11336 profiles averaged

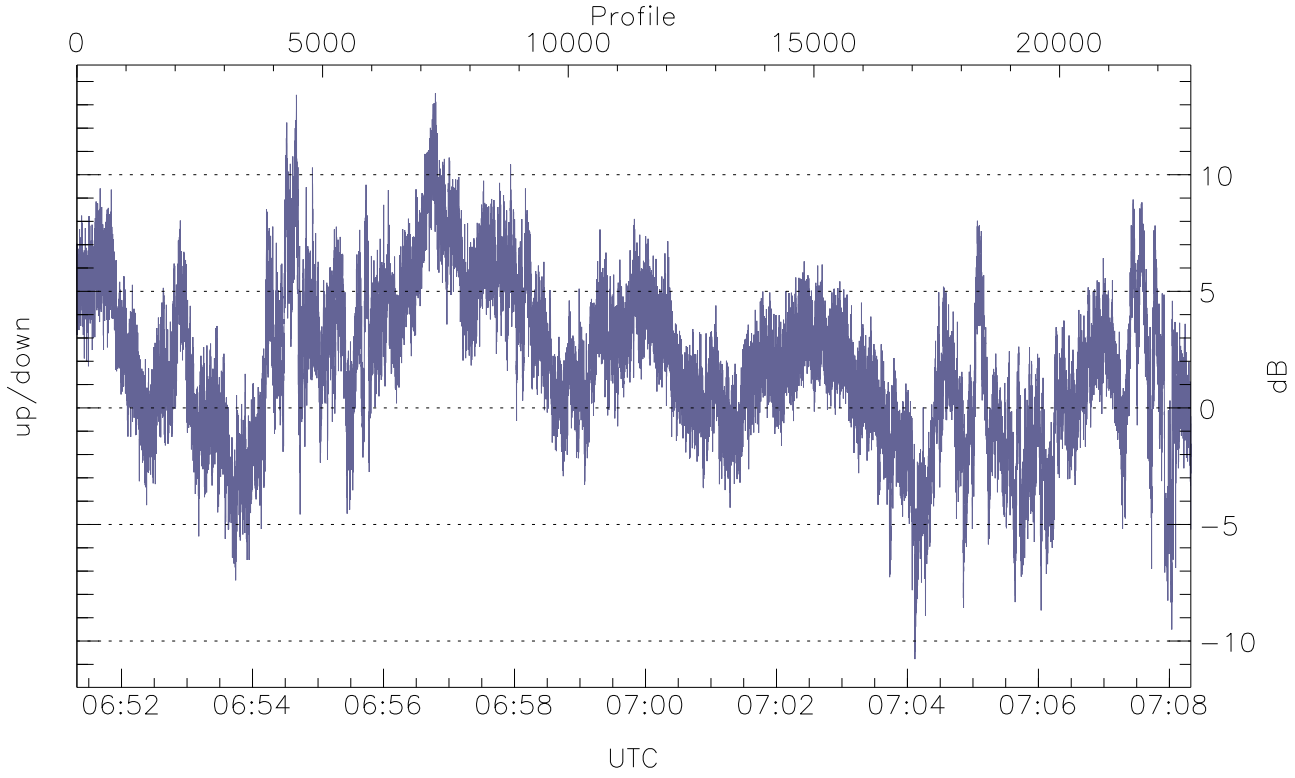


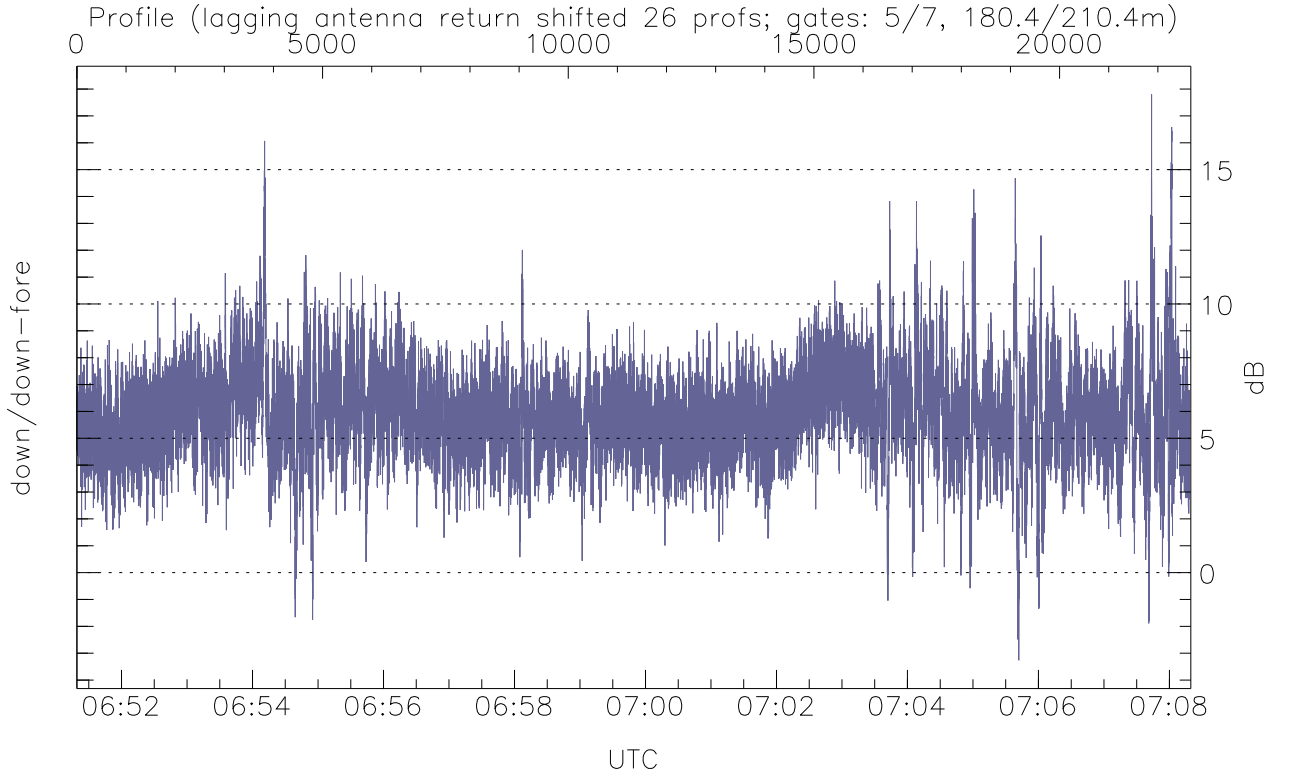
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

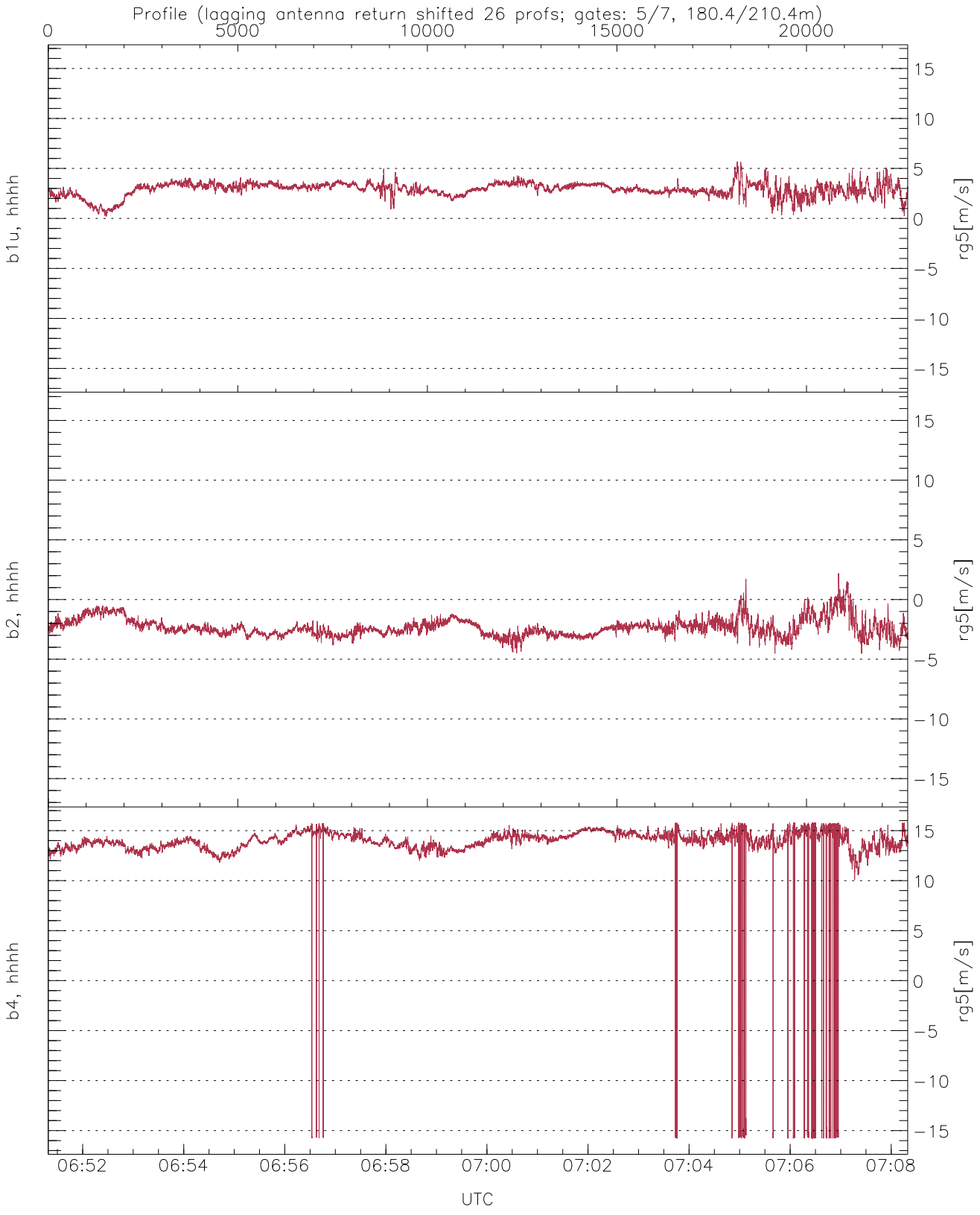
	Min	Max	Mean
up(hh[dBm])	-31.58	-9.02	-18.66
down(hh[dBm])	-33.18	-13.23	-21.84
down-fore(hh[dBm])	-37.69	-17.77	-26.28





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

	Min	Max	Mean
up/down(dB)	-10.77	13.49	1.93
down/down-fore(dB)	-3.26	17.80	5.91



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	0.19	5.69	2.89	0.69
b2, hhhh(rg5[m/s])	-4.53	2.20	-2.33	0.75
b4, hhhh(rg5[m/s])	-15.79	15.79	13.43	4.10