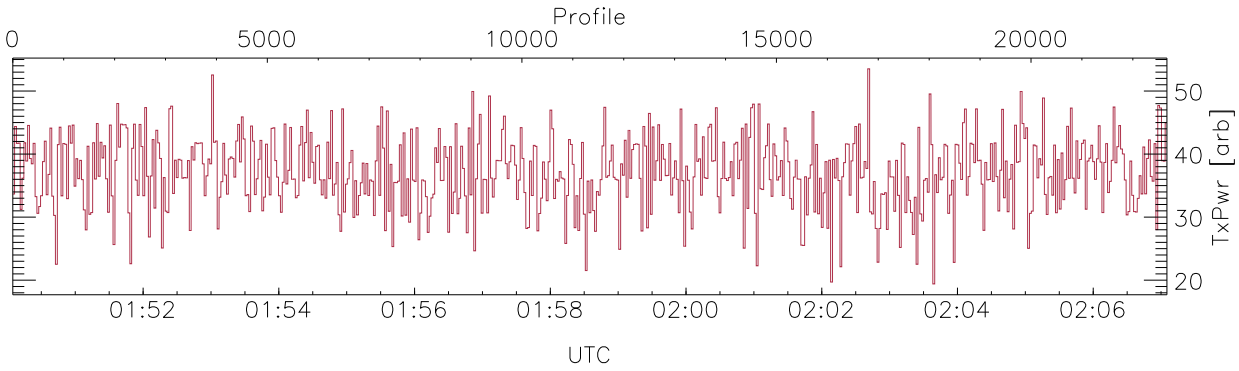
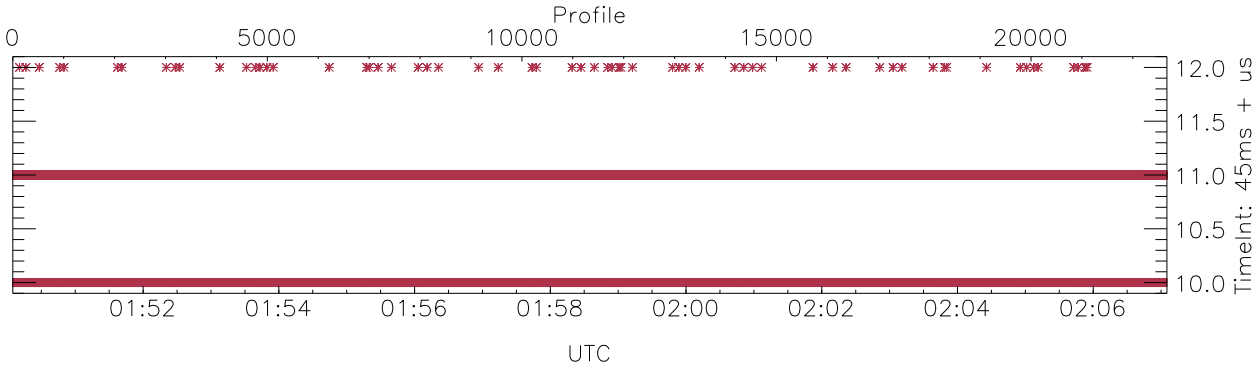
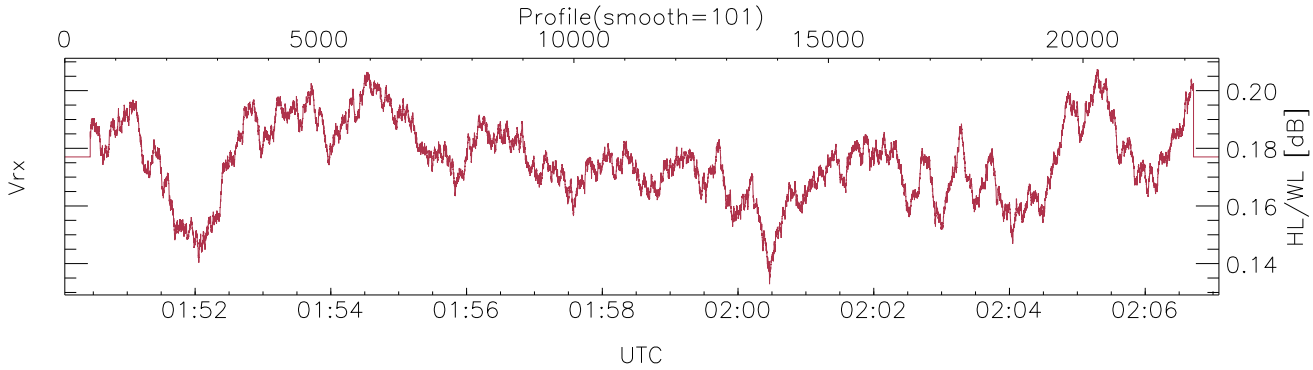
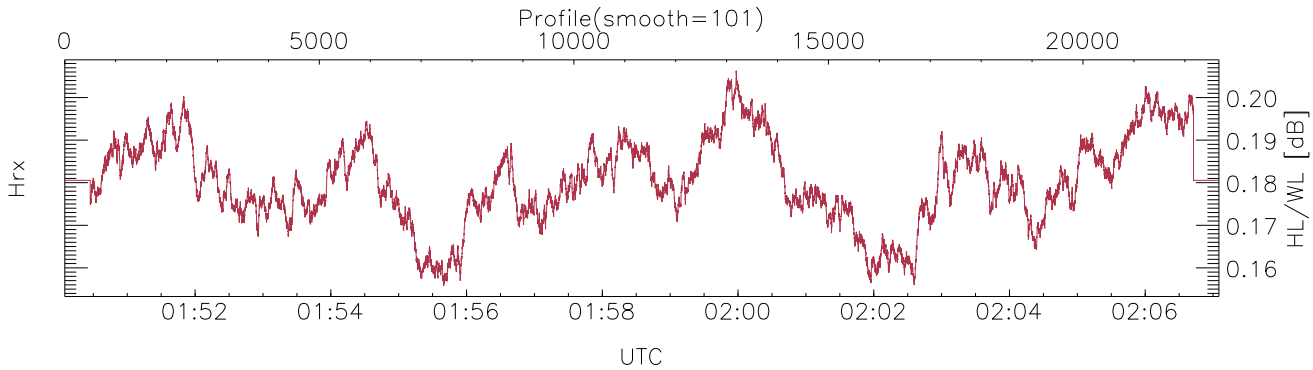


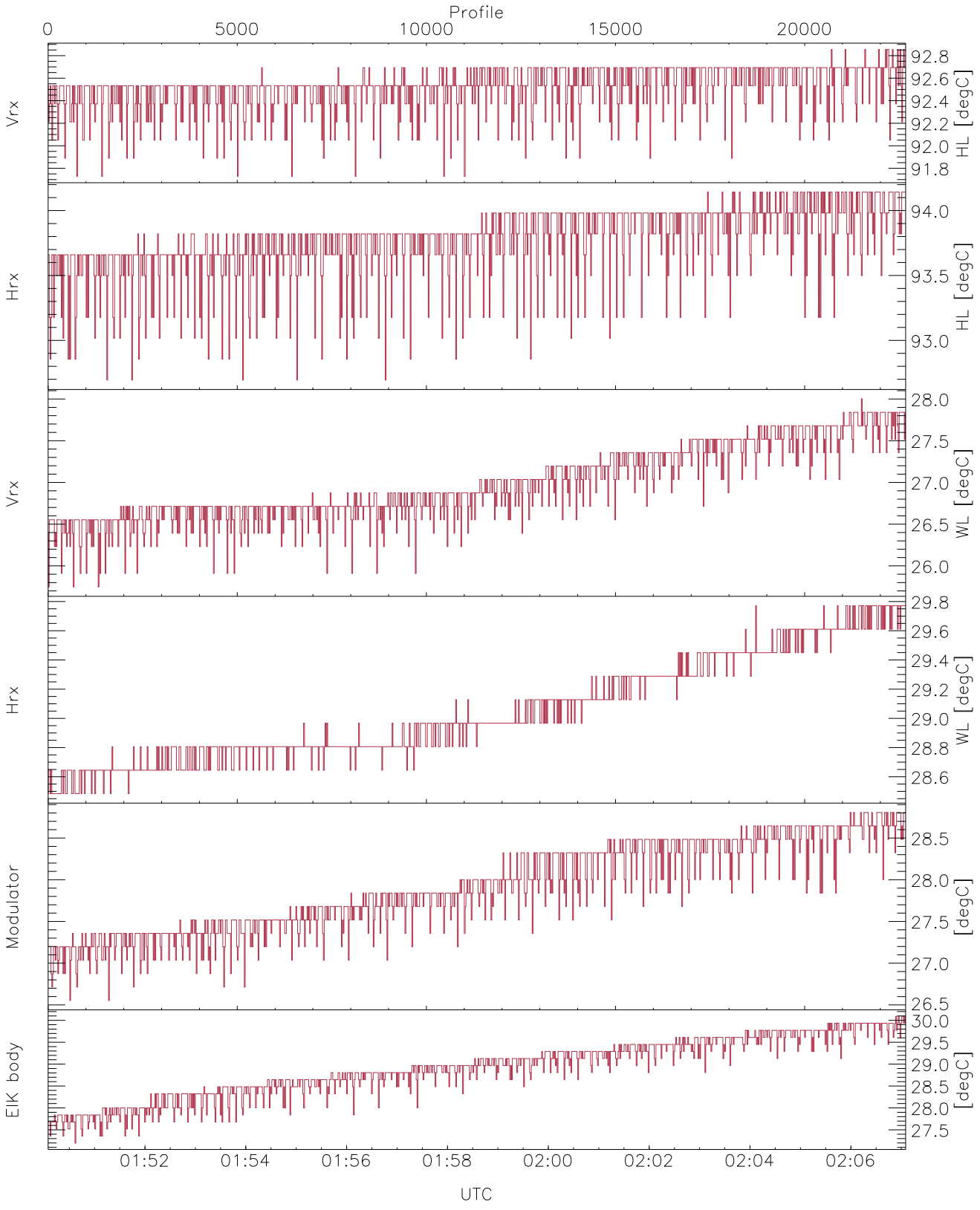






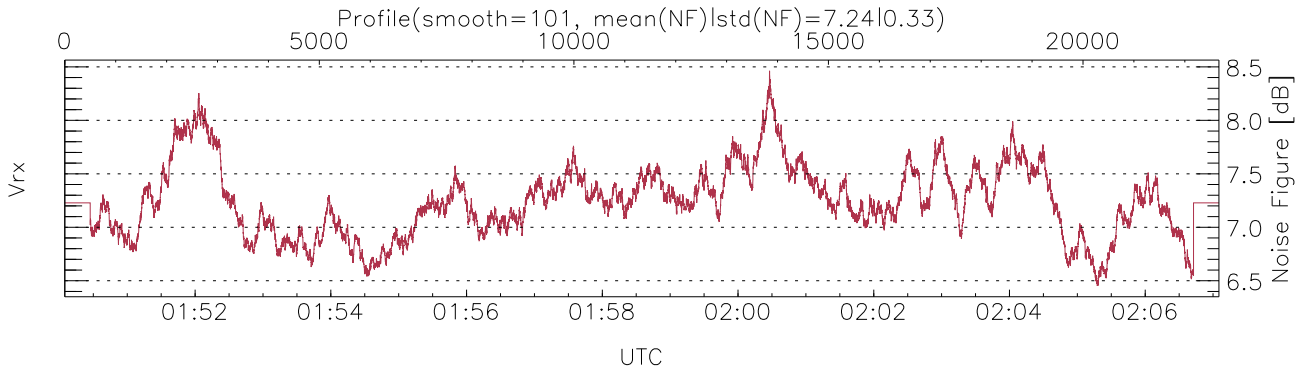
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

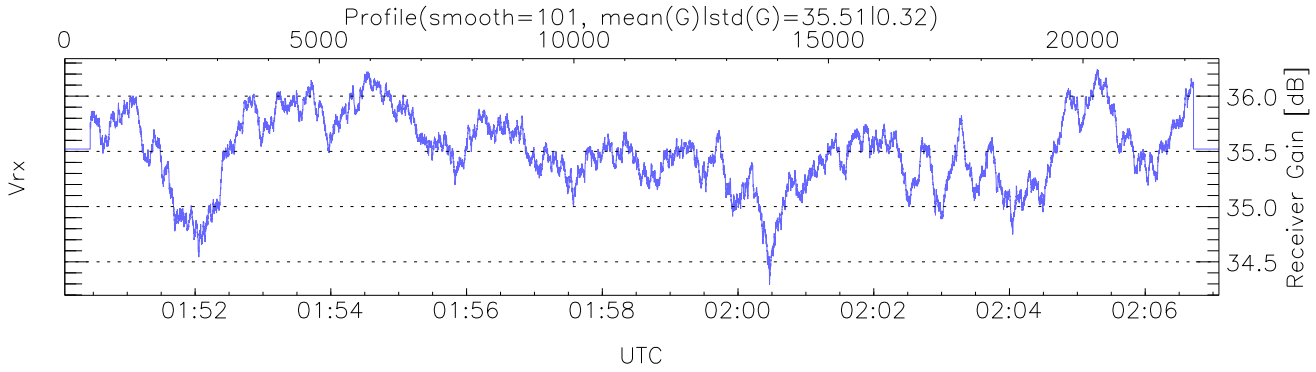
UTC: 01:50:05-02:07:05, TimeCor: 0.00s, Dur: 1020.45s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
NumRec(r/t): 22672/22672, 0-22671/01:50:05-02:07:05
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: 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

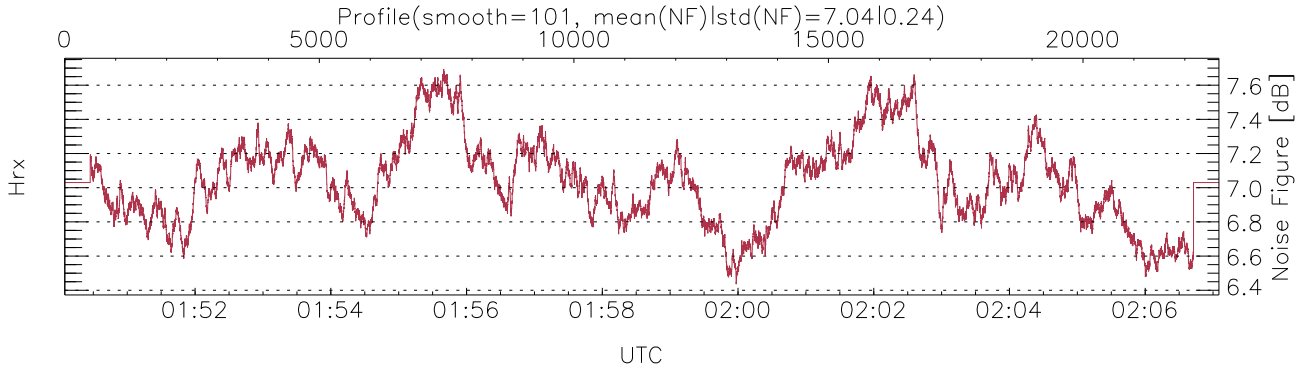


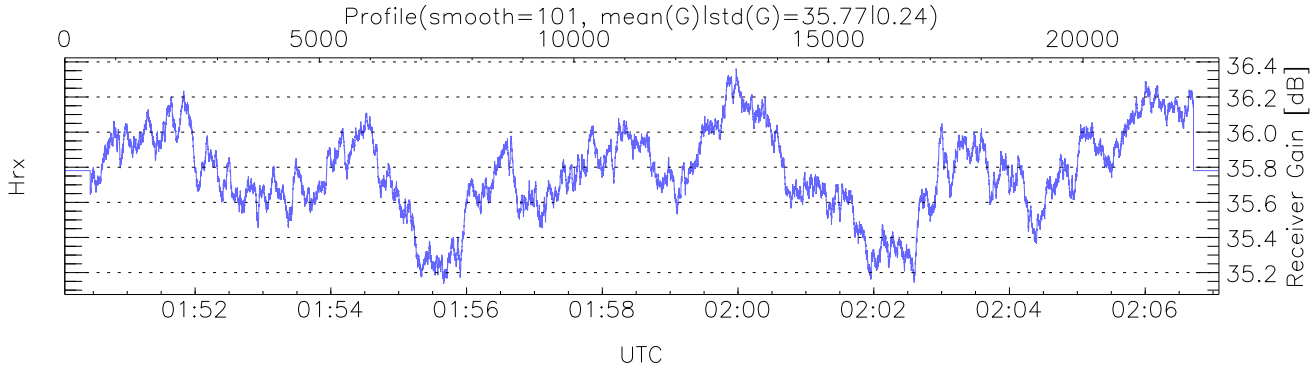
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,25,28,26,27
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,28,29,28,30
LOalarm(20,240,2817,14861 MHz): 0,0,24,0
EIK Faults(# prof affected):
CollT,BodyCurr,DeckF,OverDuty,HVPS (22,22,22,22,22)



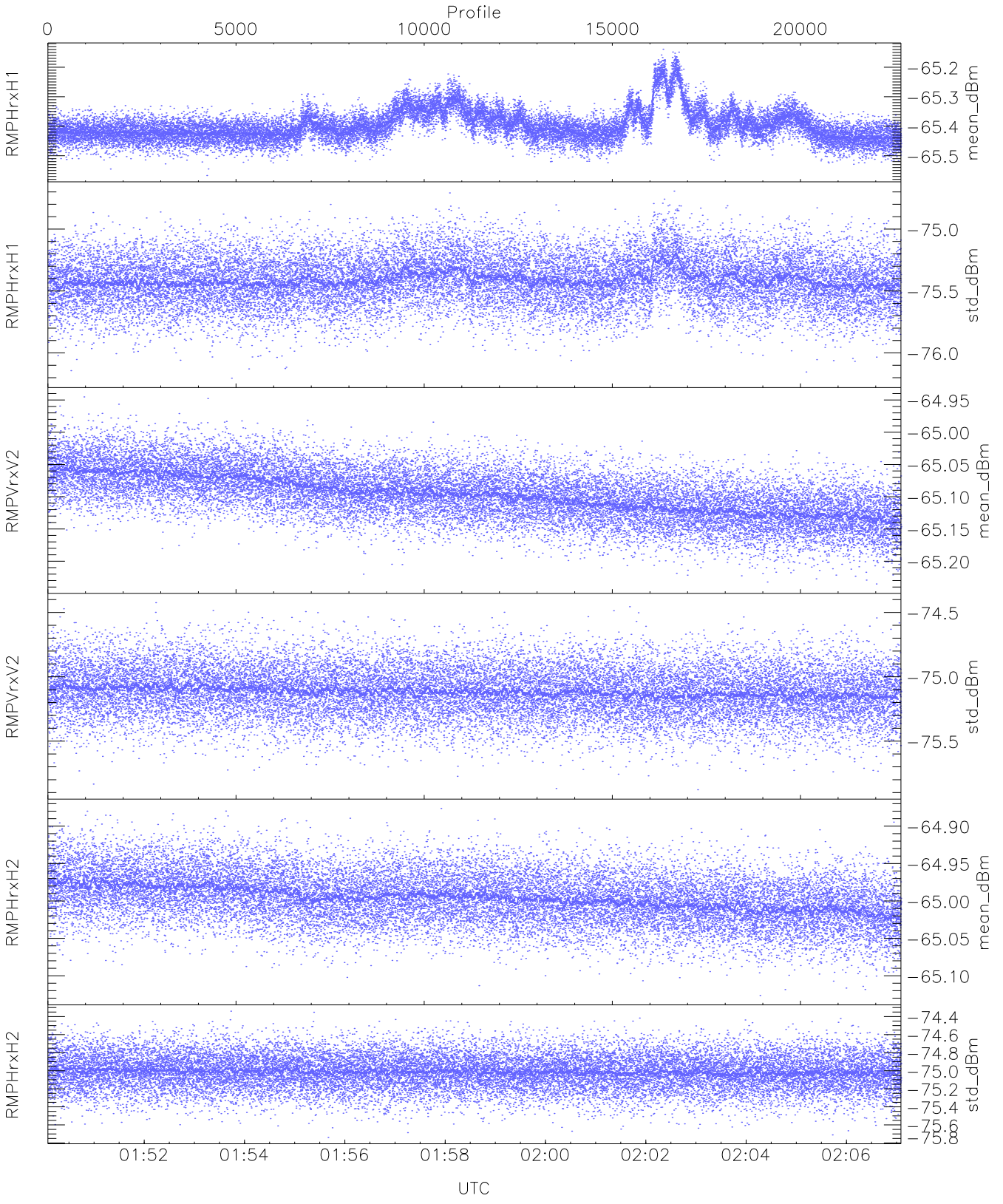






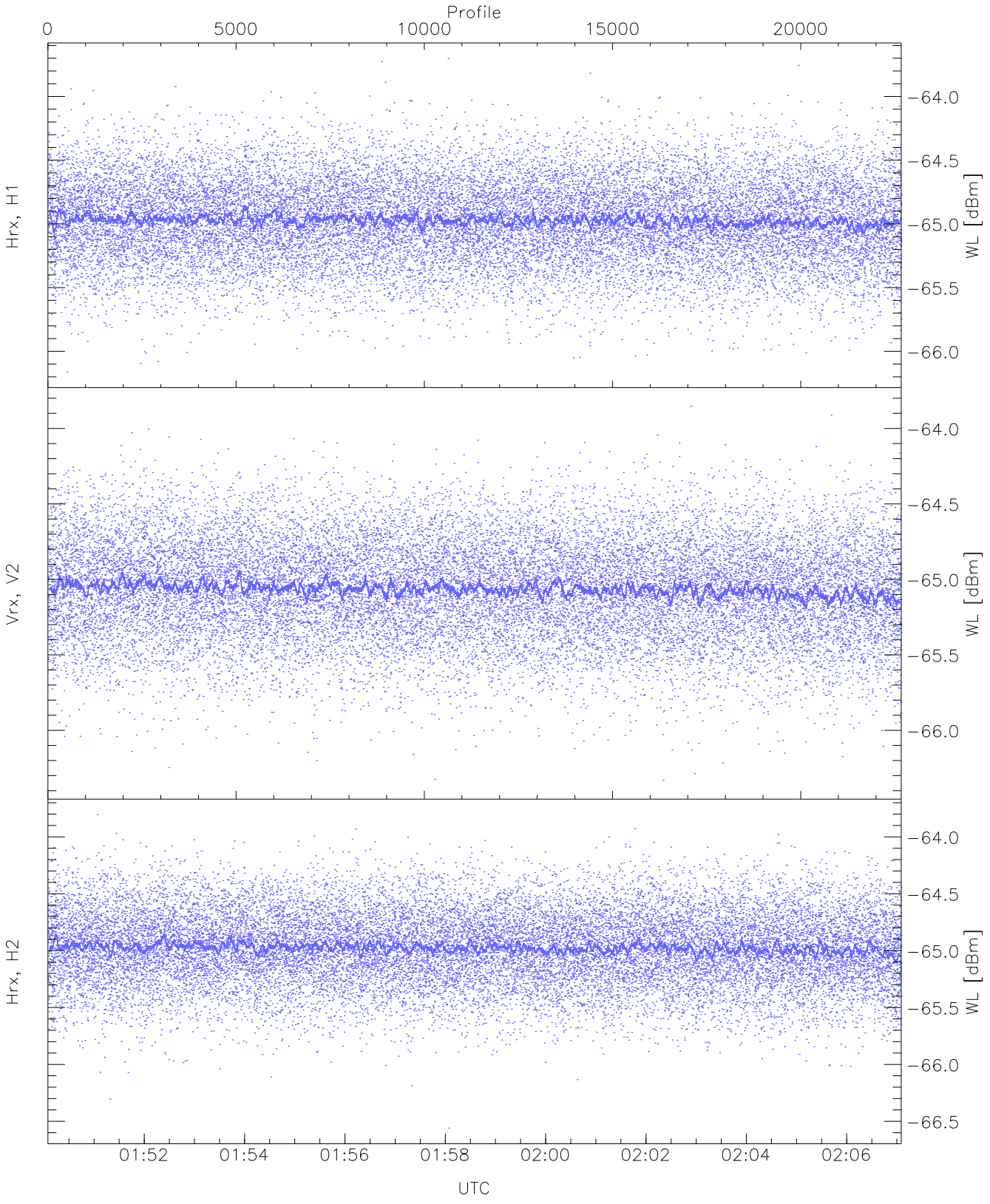
WCR3 CPP Receivers Gain and Noise Figure

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



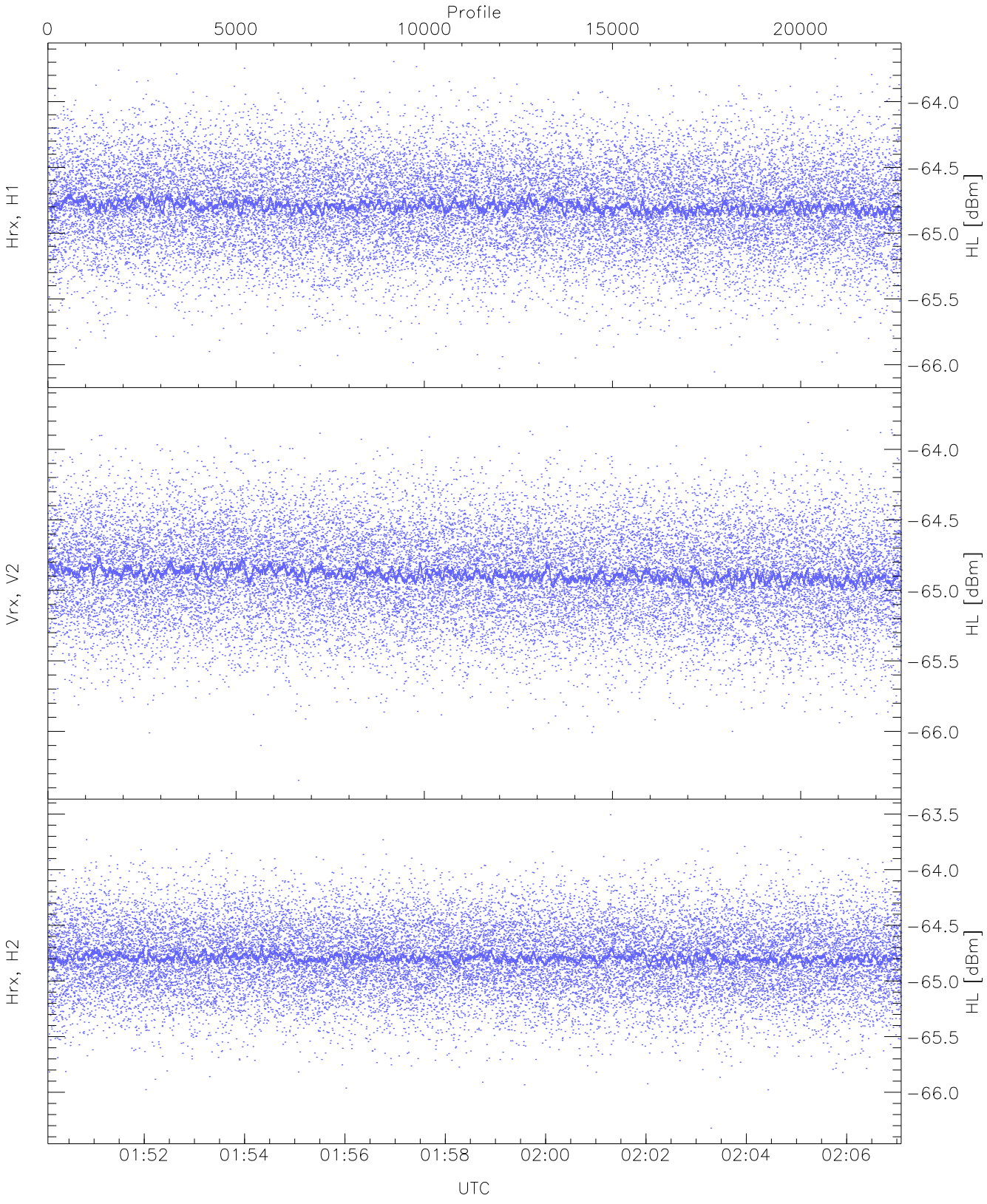
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.57	-65.14	-65.40	-65.40	-84.49
RMPHrxH1(std_dBm)	-76.20	-74.69	-75.41	-75.41	-89.07
RMPVrxV2(mean_dBm)	-65.24	-64.95	-65.10	-65.10	-85.58
RMPVrxV2(std_dBm)	-75.88	-74.42	-75.11	-75.12	-88.89
RMPHrxH2(mean_dBm)	-65.13	-64.88	-65.00	-65.00	-86.26
RMPHrxH2(std_dBm)	-75.74	-74.34	-75.01	-75.01	-88.81



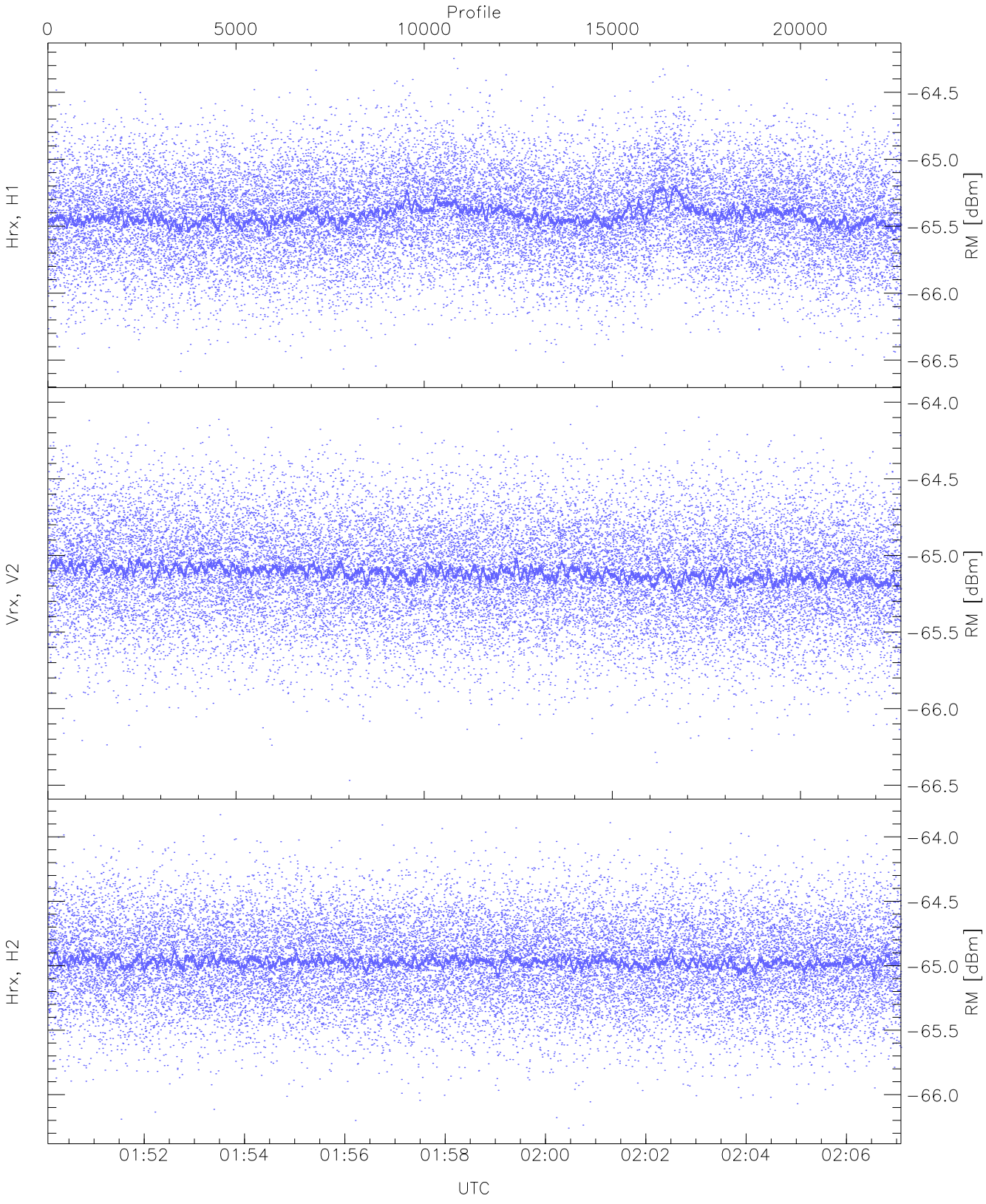
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.16	-63.70	-64.96	-64.97	-76.48
Vrx, V2(WL [dBm])	-66.33	-63.85	-65.06	-65.06	-76.55
Hrx, H2(WL [dBm])	-66.56	-63.81	-64.97	-64.98	-76.47



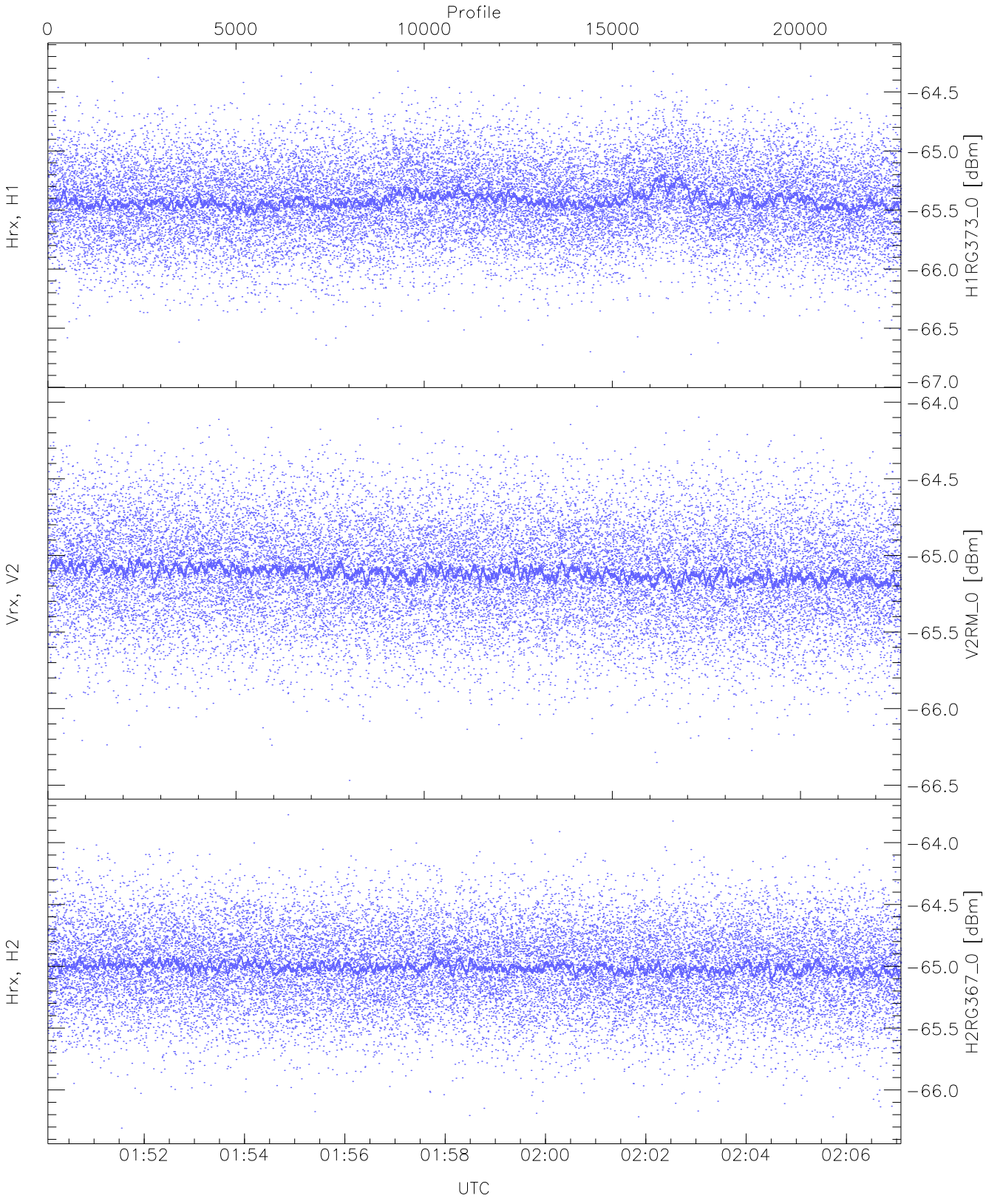
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-66.06	-63.67	-64.79	-64.79	-76.29
Vrx, V2(HL [dBm])	-66.35	-63.69	-64.88	-64.89	-76.37
Hrx, H2(HL [dBm])	-66.32	-63.51	-64.78	-64.79	-76.30



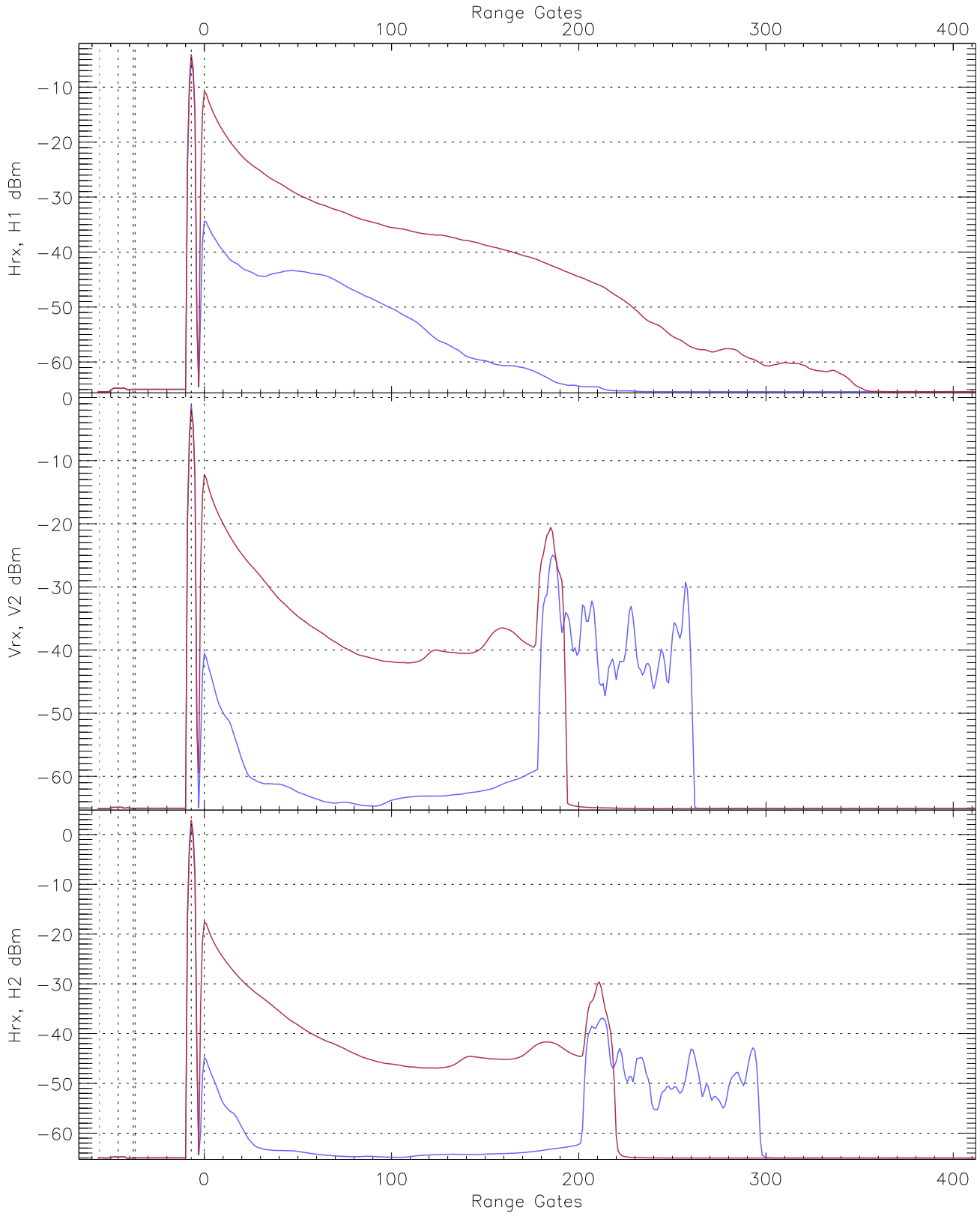
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.59	-64.25	-65.41	-65.42	-76.89
Vrx, V2(RM [dBm])	-66.47	-64.03	-65.11	-65.12	-76.63
Hrx, H2(RM [dBm])	-66.26	-63.83	-64.96	-64.97	-76.46

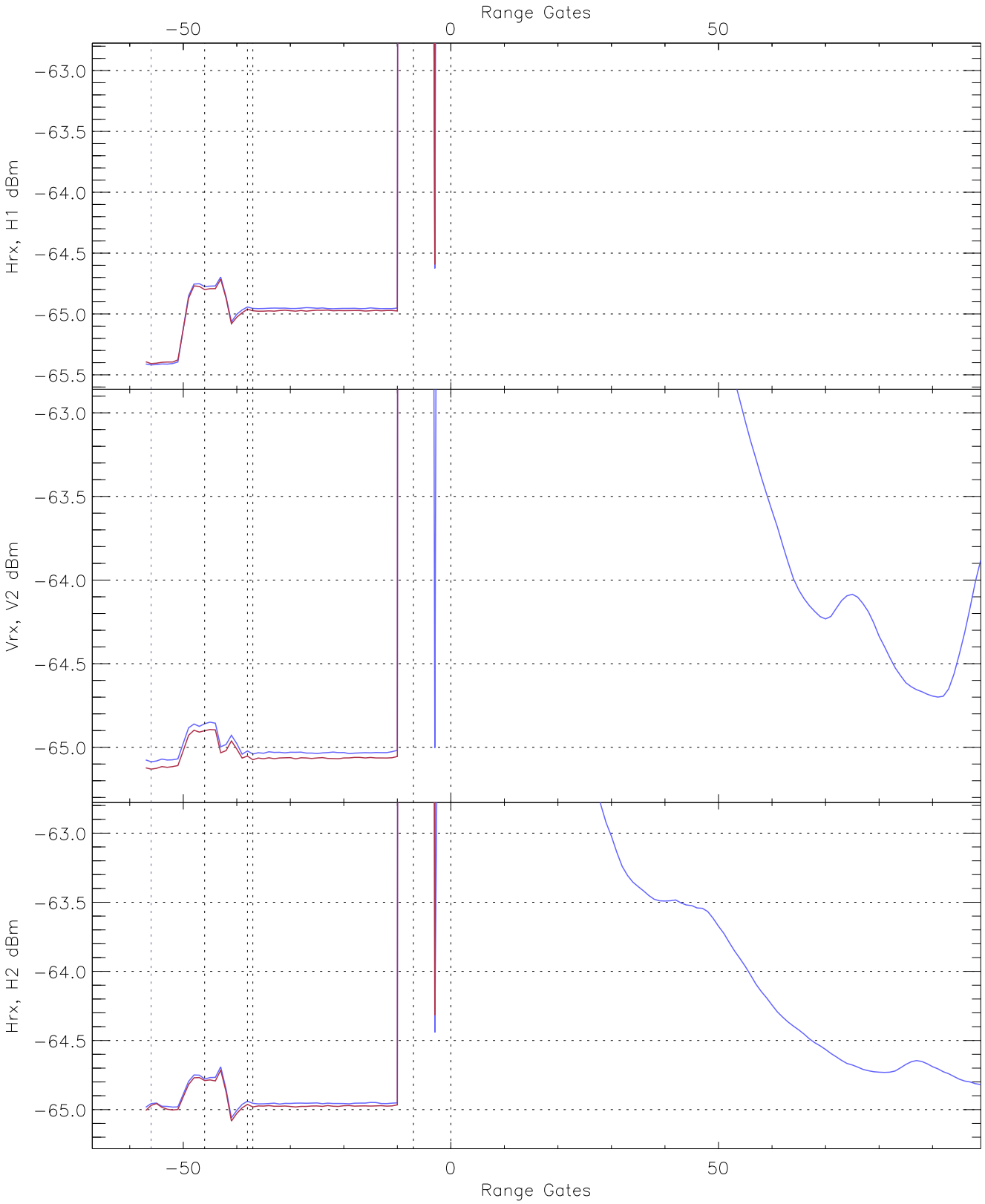


WCR3 CPP "Best" estimate Receivers Noise Power

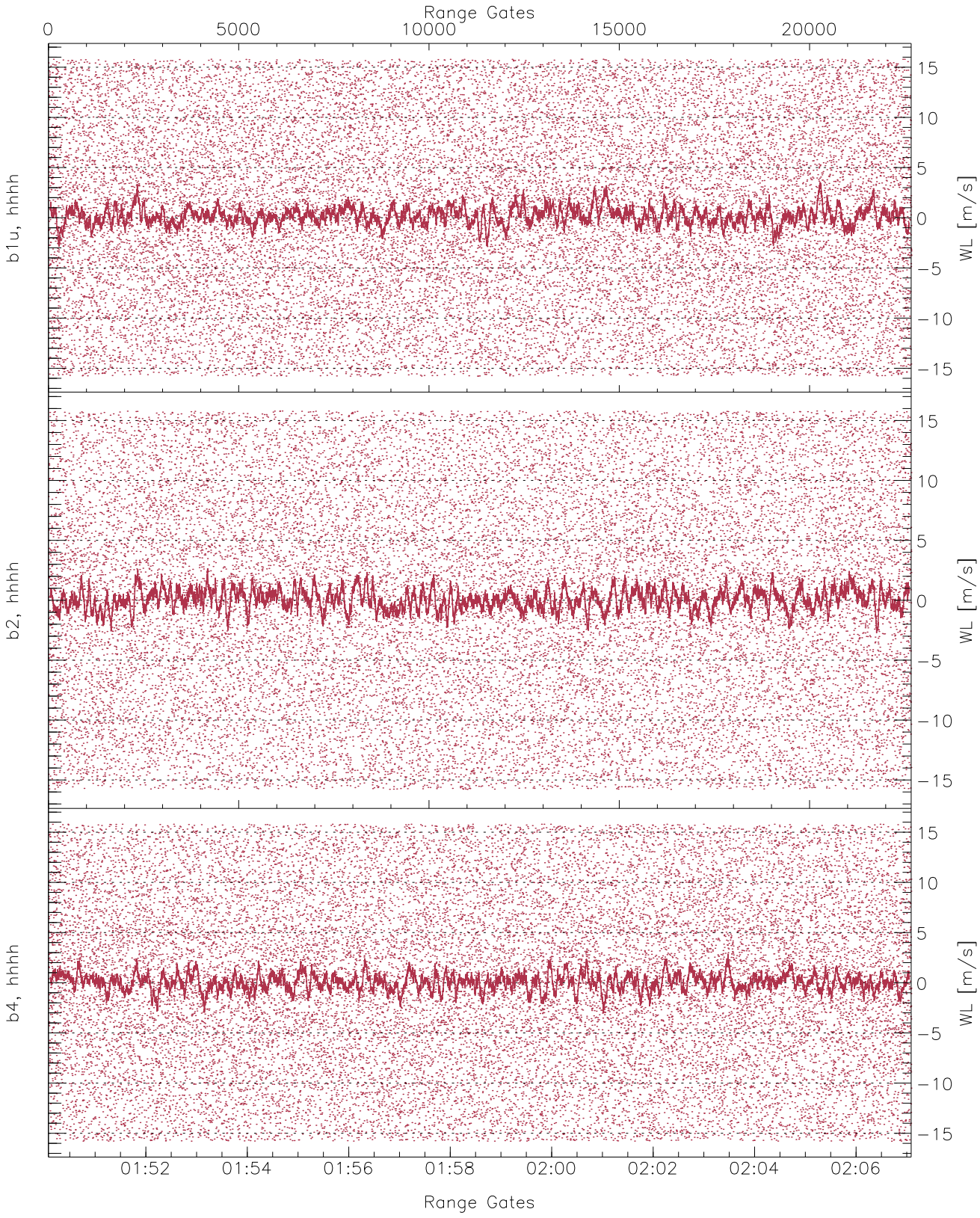
	Min	Max	Mean	Median	StDev
H1RG373_0 [dBm]	-66.87	-64.22	-65.41	-65.42	-76.87
V2RM_0 [dBm]	-66.47	-64.03	-65.11	-65.12	-76.63
H2RG367_0 [dBm]	-66.31	-63.77	-65.00	-65.01	-76.49



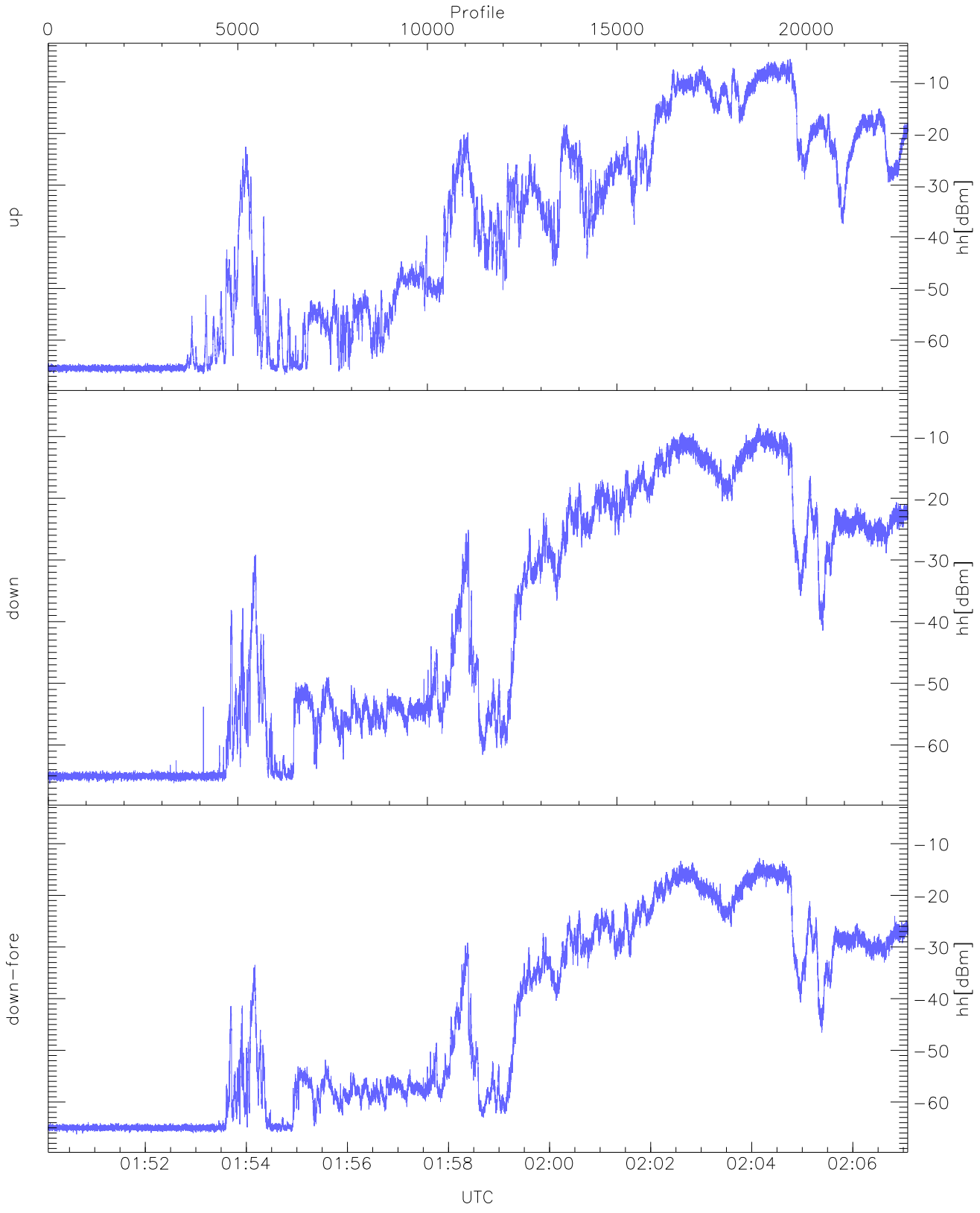
WCR3 CPP Averaged Received power for all recorded gates
blue: 015005-015835, 11337 profiles averaged
red: 015835-020705, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 015005-015835, 11337 profiles averaged
red: 015835-020705, 11336 profiles averaged

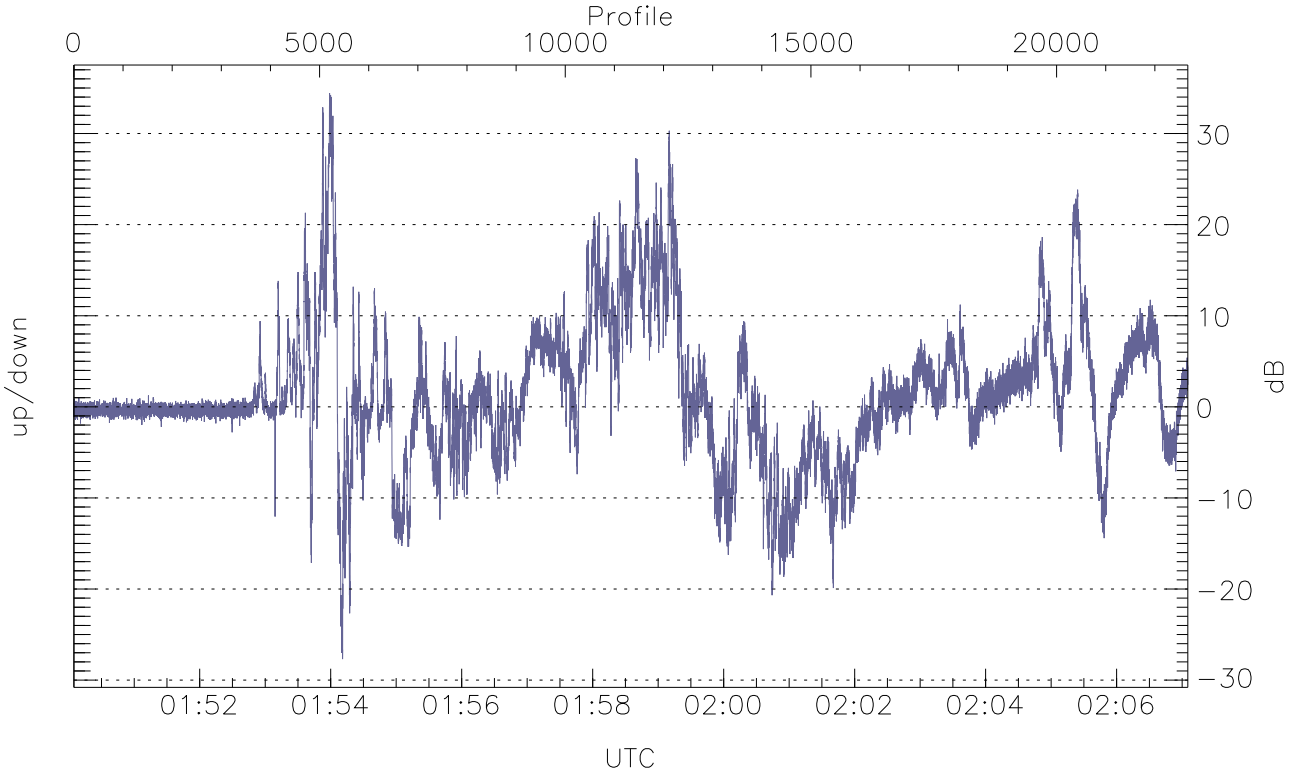


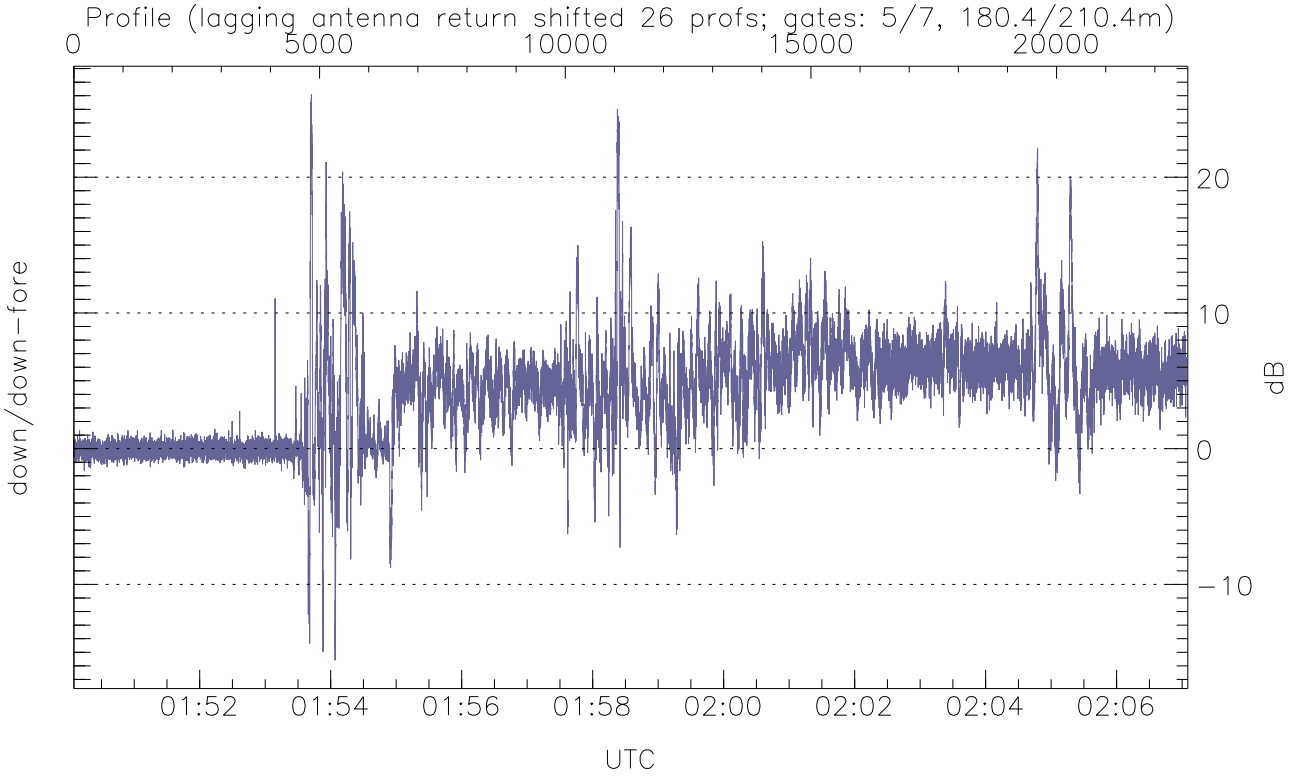
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

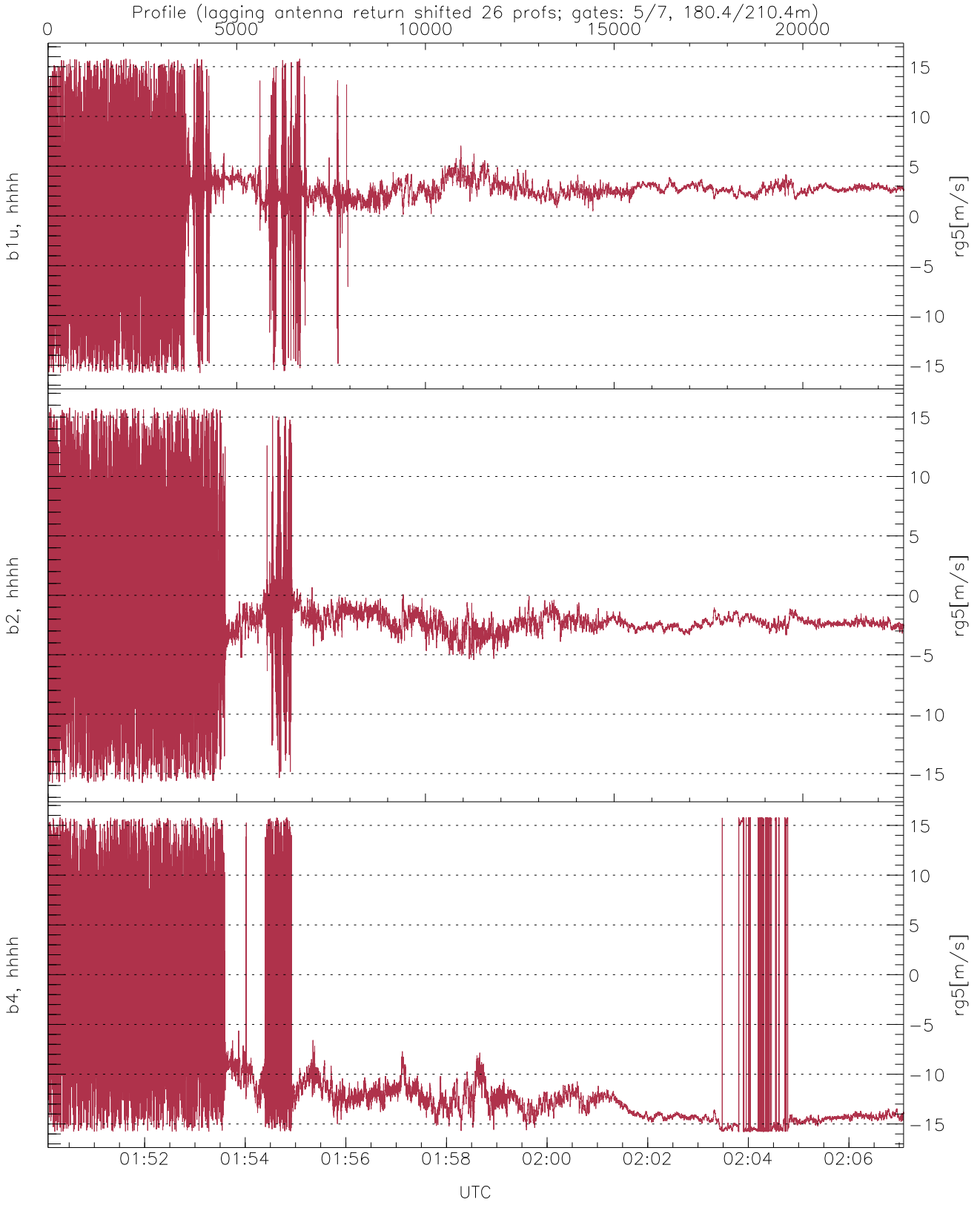
	Min	Max	Mean
up(hh[dBm])	-66.69	-5.58	-17.80
down(hh[dBm])	-66.25	-7.90	-19.71
down-fore(hh[dBm])	-66.25	-12.80	-24.59





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

	Min	Max	Mean
up/down(dB)	-27.69	34.42	1.38
down/down-fore(dB)	-15.59	26.09	4.14



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	2.18	3.93
b2, hhhh(rg5[m/s])	-15.78	15.79	-1.78	4.08
b4, hhhh(rg5[m/s])	-15.79	15.79	-9.44	7.93