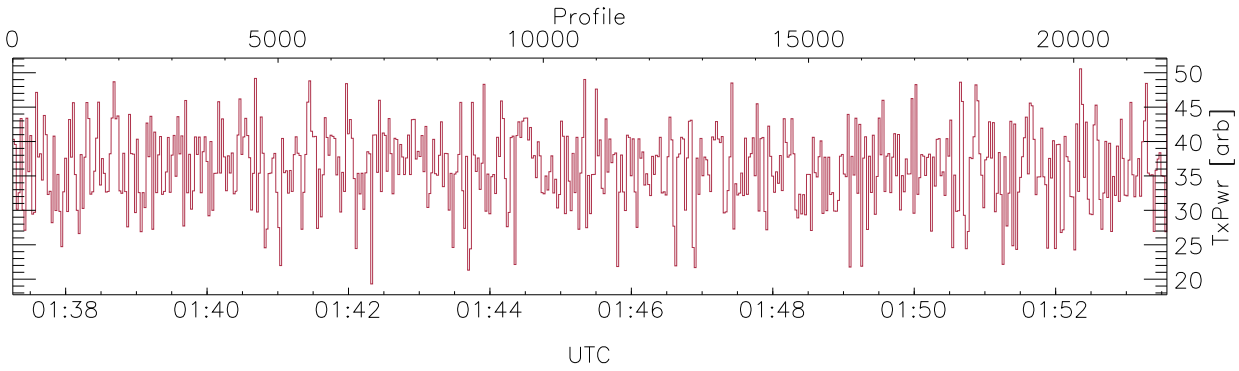
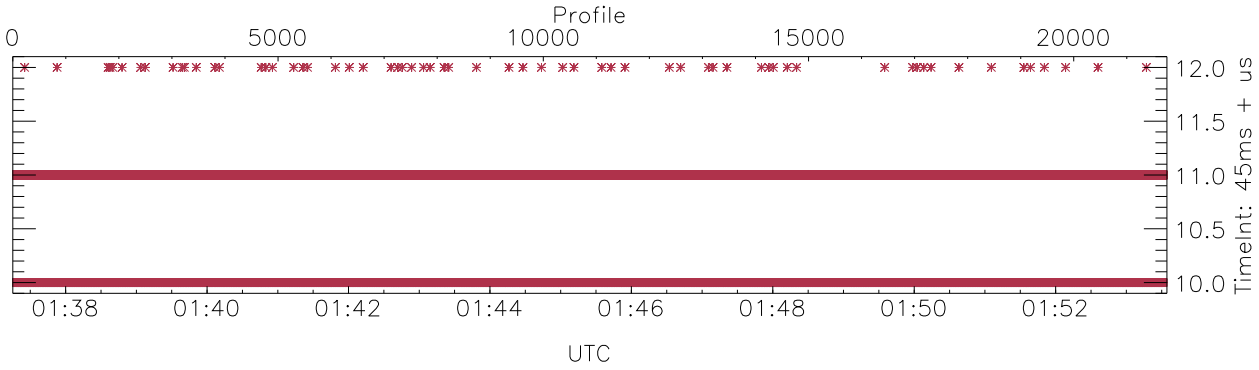
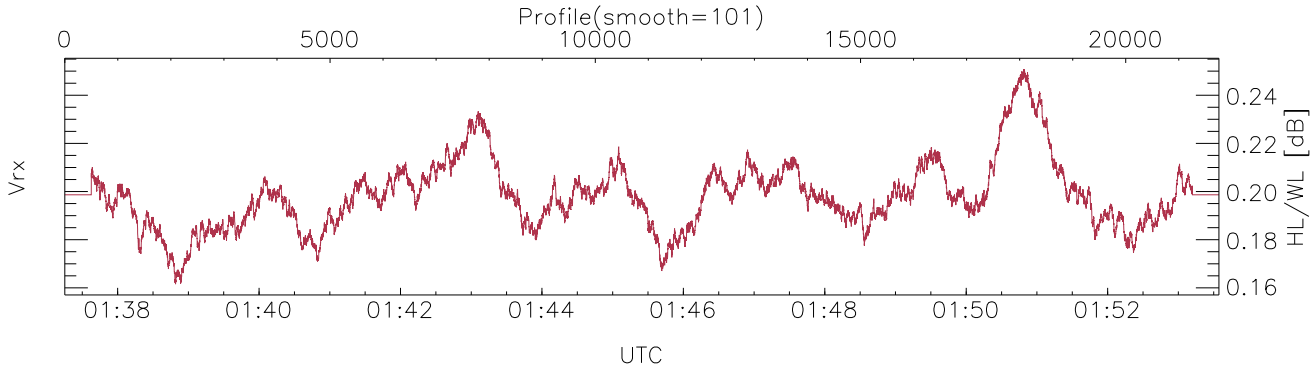
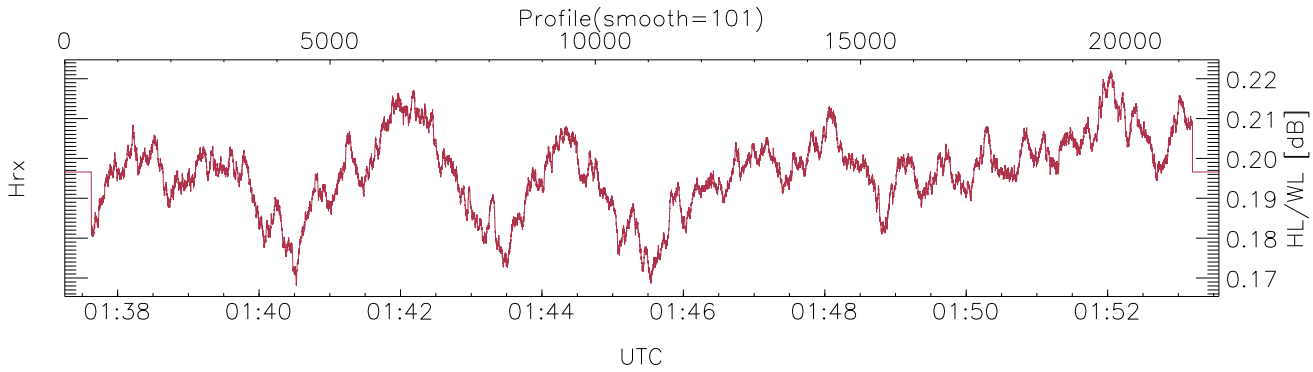


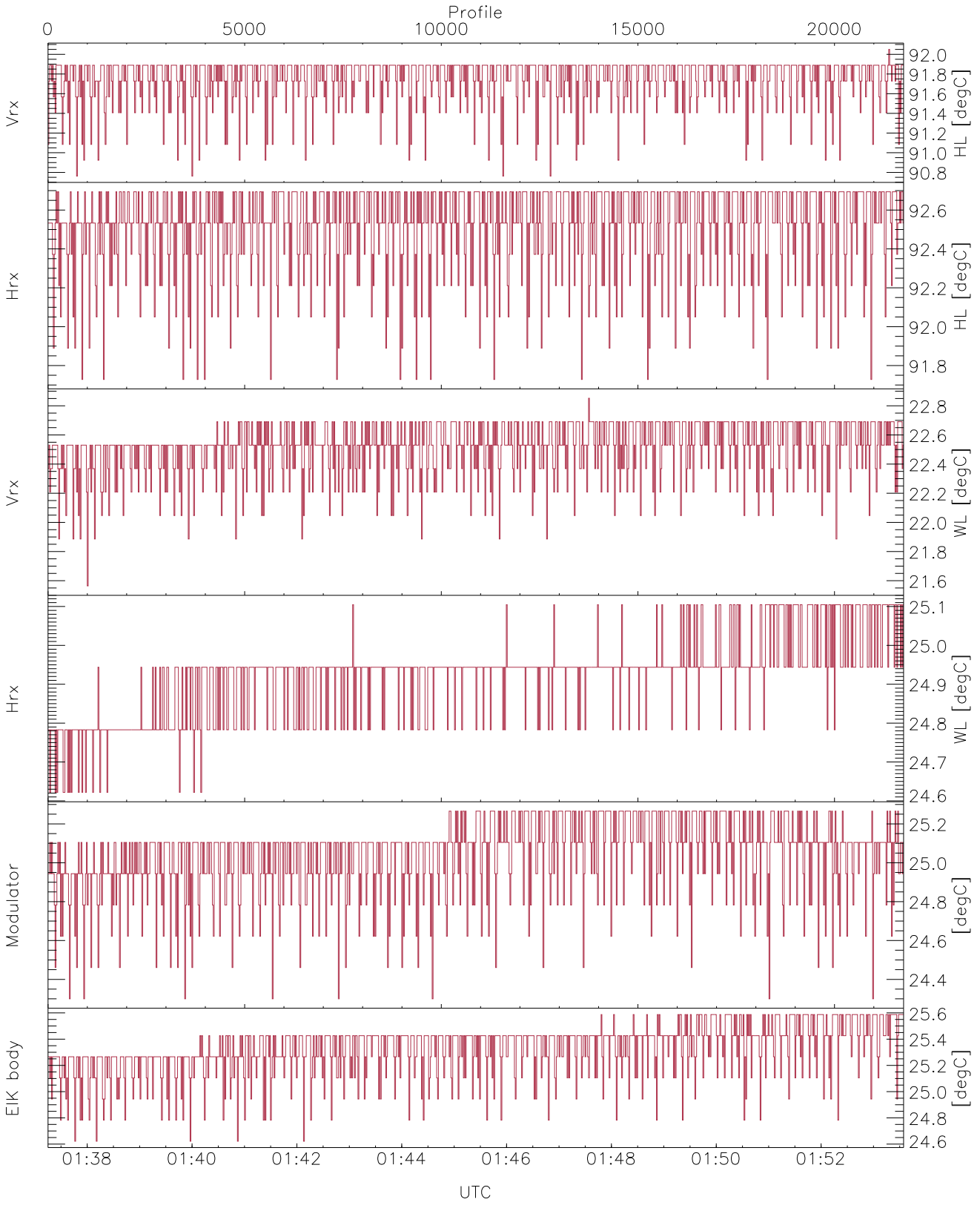






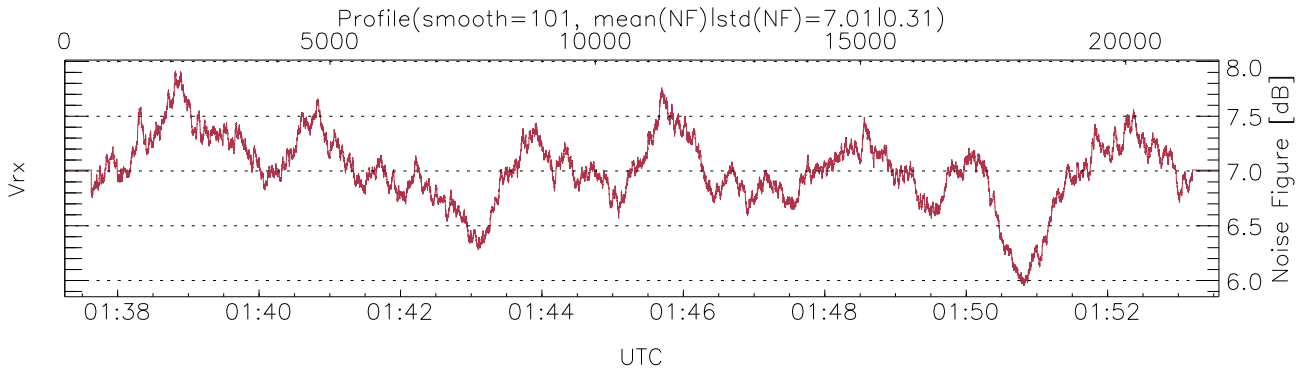
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

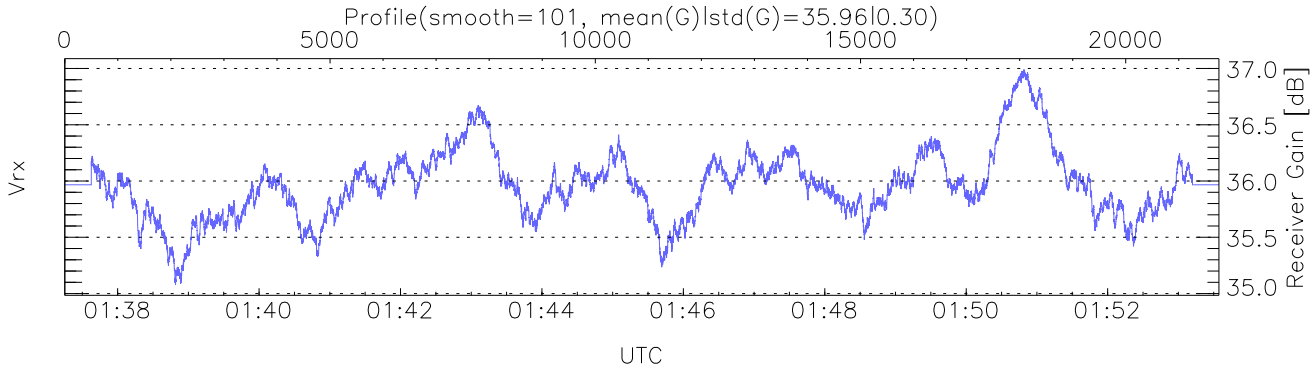
UTC: 01:37:15-01:53:34, TimeCor: 0.00s, Dur: 979.31s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
NumRec(r/t): 21758/21758, 0-21757/01:37:15-01:53:34
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: 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

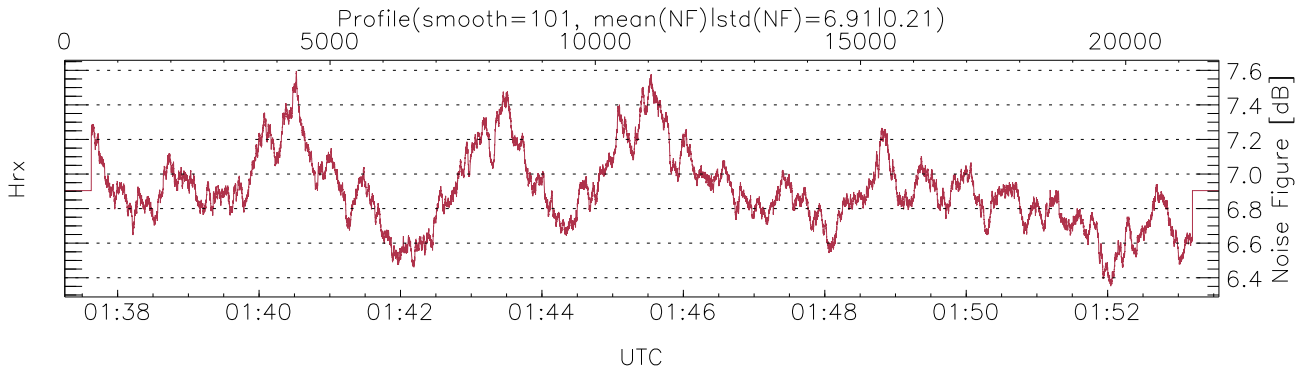


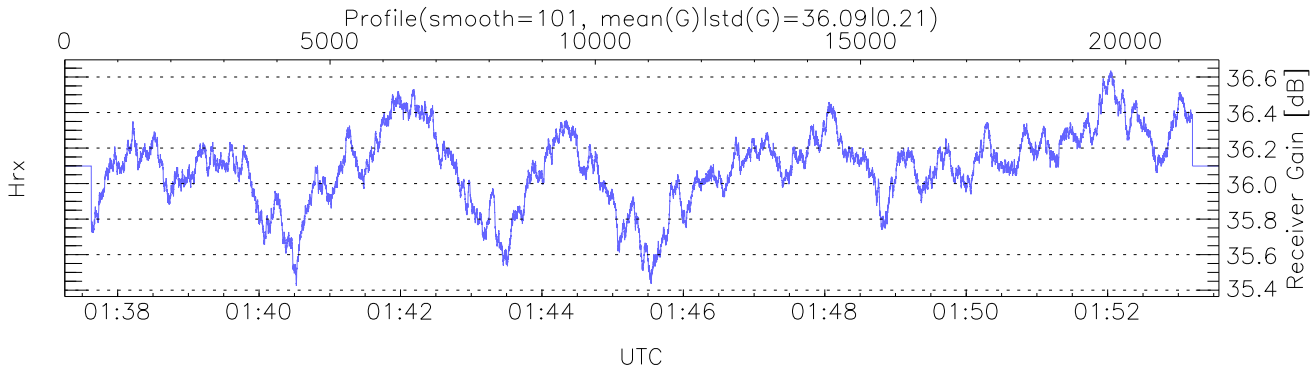
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,21,24,24,24
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,92,22,25,25,25
LOalarm(20,240,2817,14861 MHz): 0,0,22,0
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (24,24,24,24,24,24)



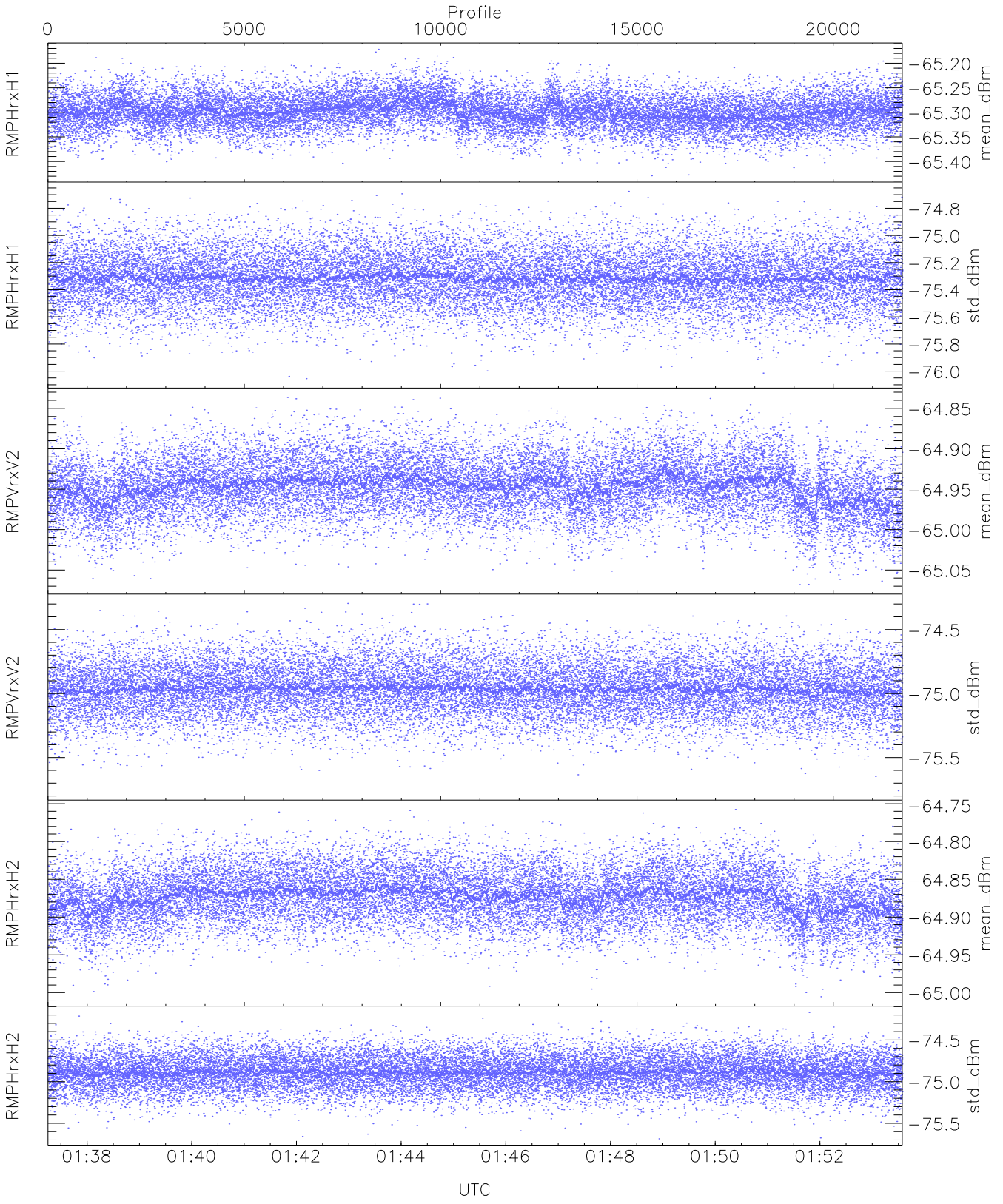






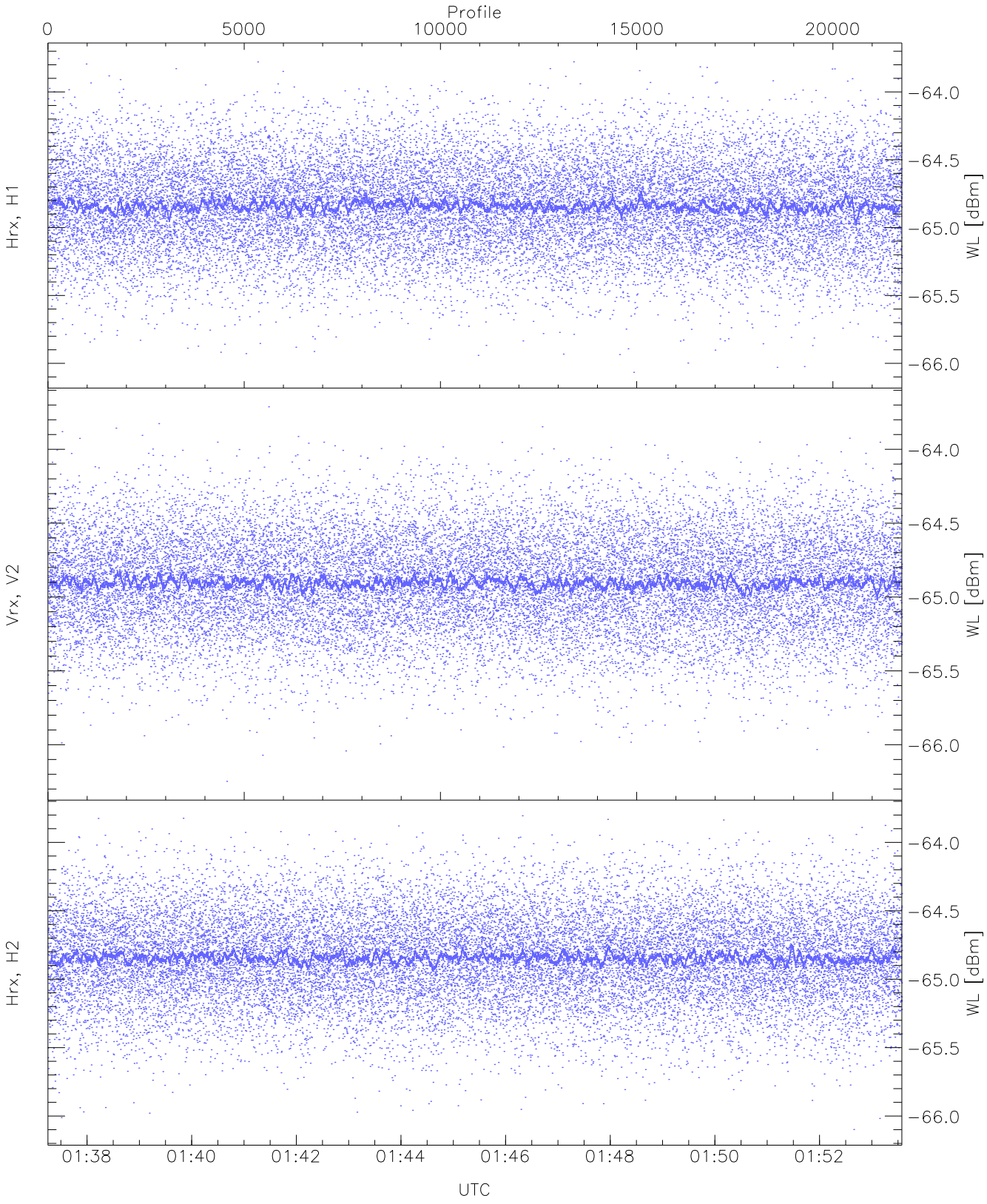
WCR3 CPP Receivers Gain and Noise Figure

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



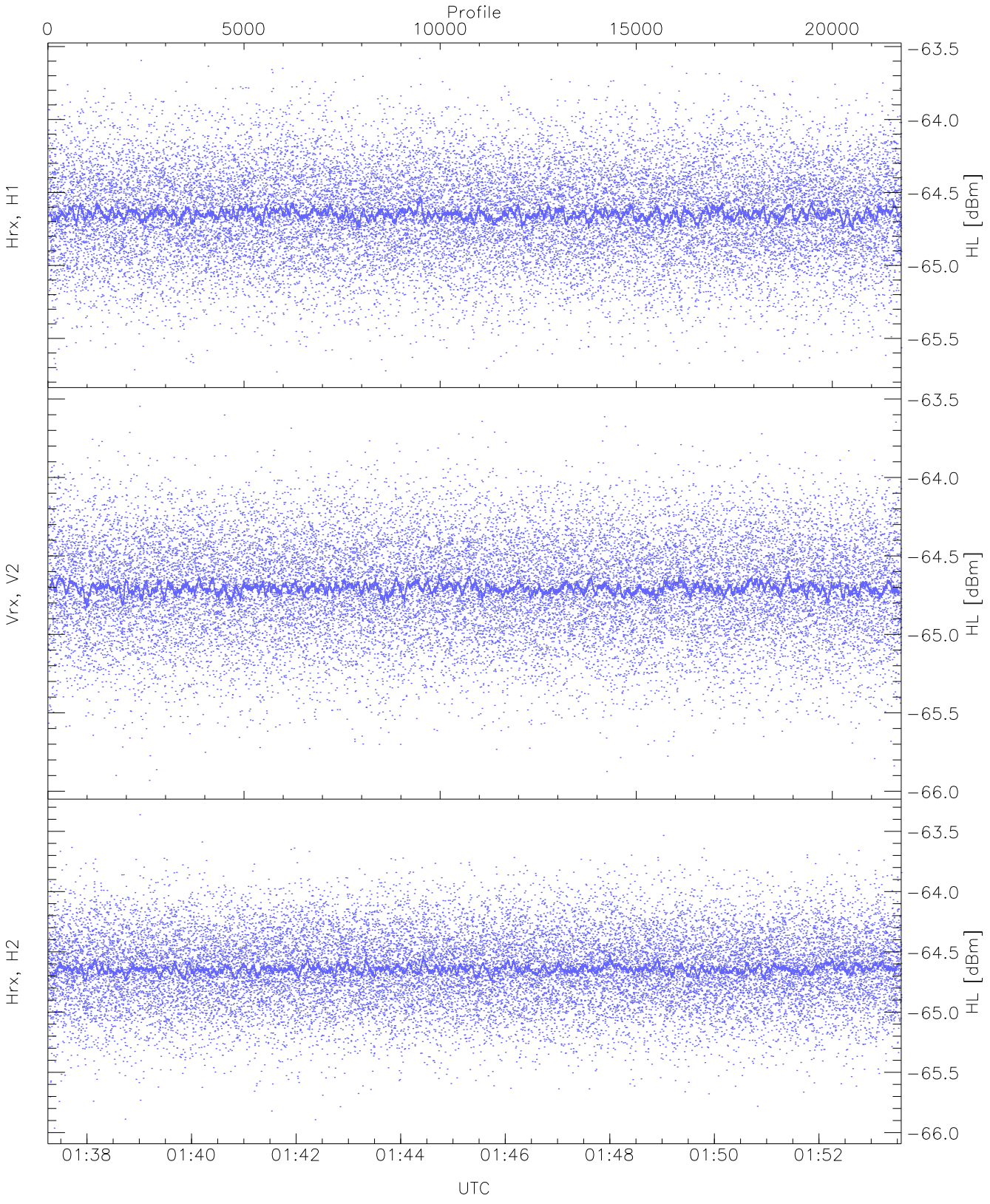
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.43	-65.17	-65.30	-65.30	-86.70
RMPHrxH1(std_dBm)	-76.06	-74.68	-75.31	-75.32	-89.15
RMPVrxV2(mean_dBm)	-65.07	-64.84	-64.95	-64.95	-86.26
RMPVrxV2(std_dBm)	-75.76	-74.30	-74.96	-74.97	-88.74
RMPHrxH2(mean_dBm)	-65.01	-64.76	-64.87	-64.87	-86.23
RMPHrxH2(std_dBm)	-75.69	-74.17	-74.89	-74.89	-88.67



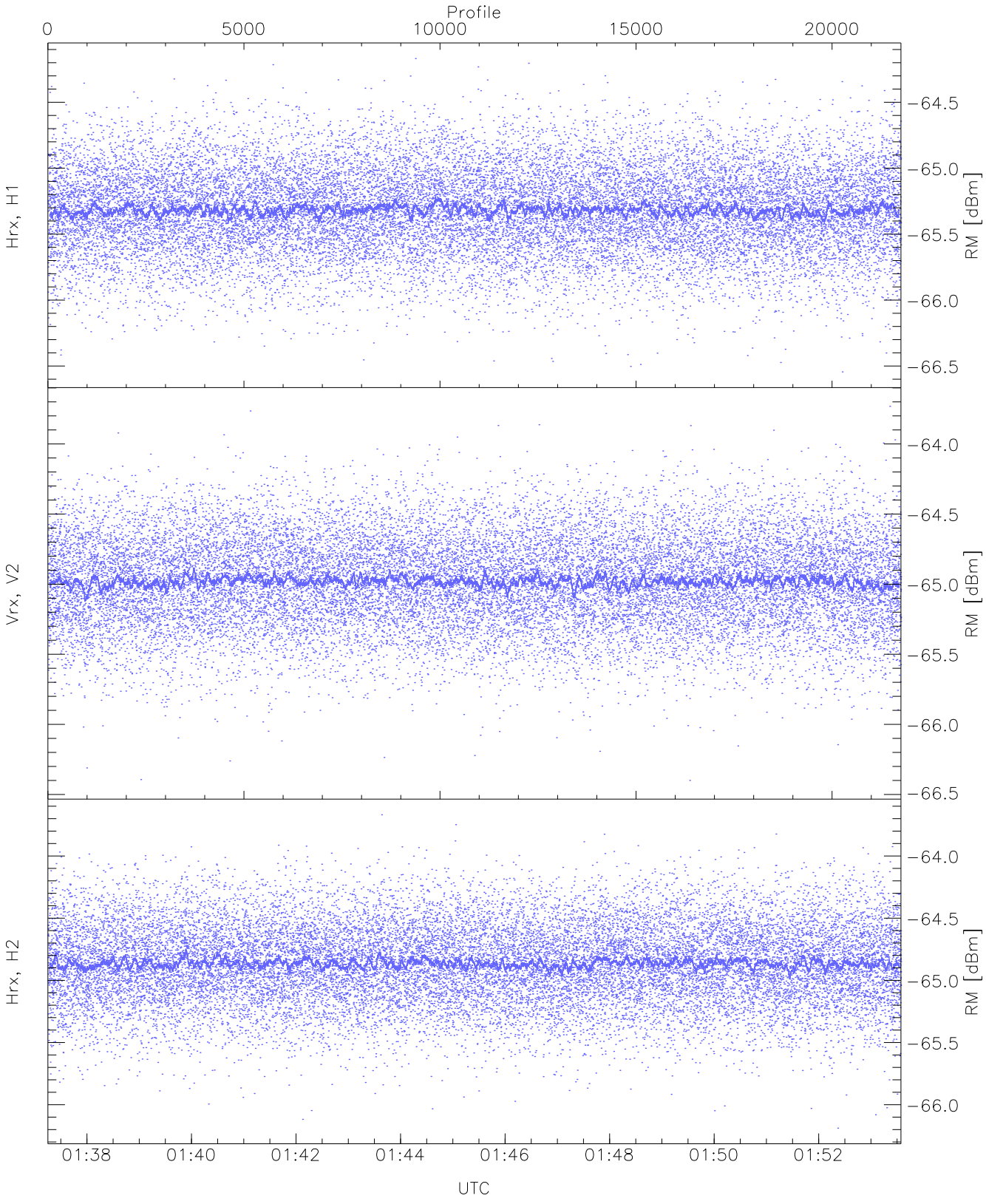
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.07	-63.75	-64.83	-64.84	-76.33
Vrx, V2(WL [dBm])	-66.25	-63.71	-64.90	-64.90	-76.42
Hrx, H2(WL [dBm])	-66.10	-63.81	-64.84	-64.84	-76.34



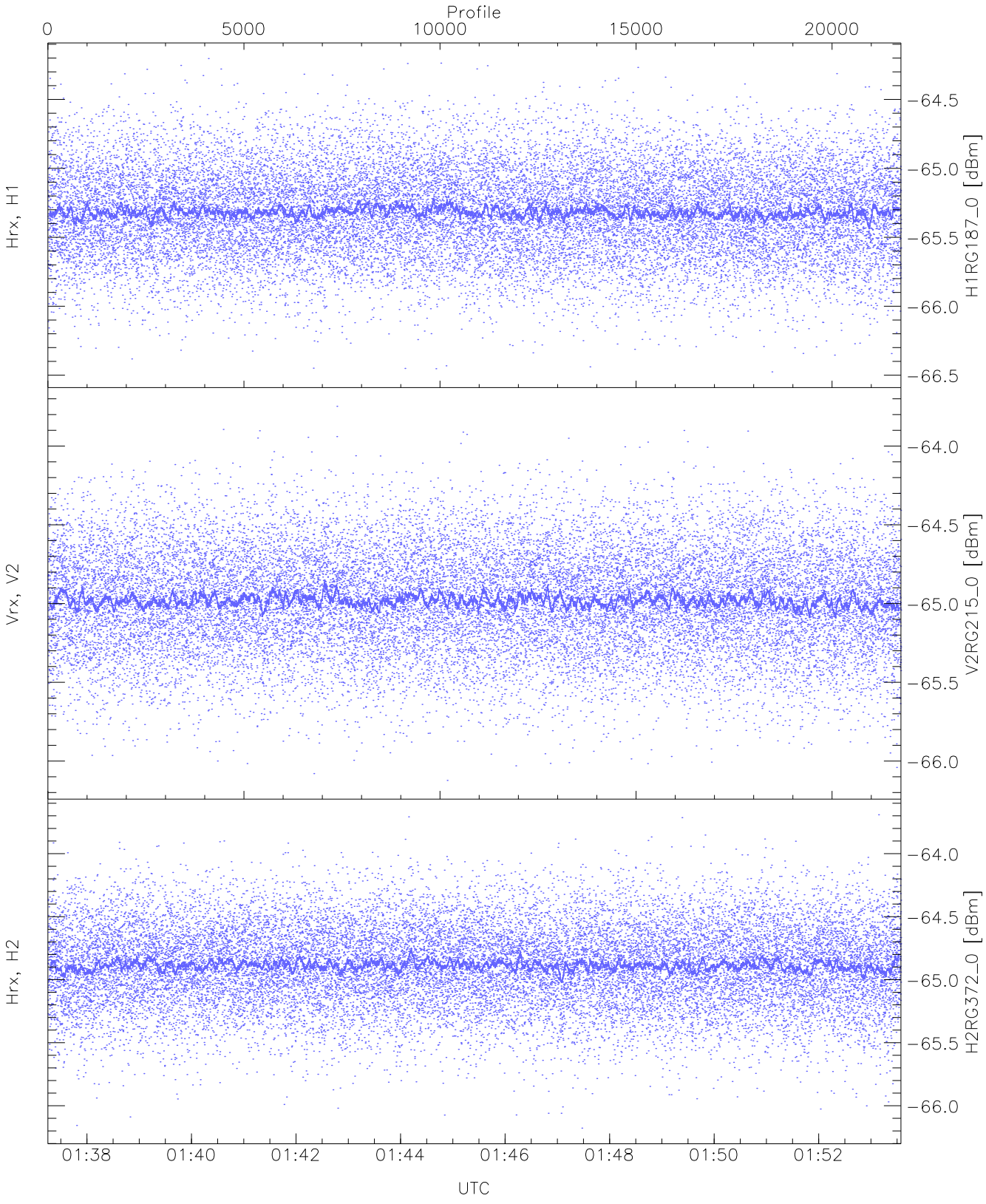
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.73	-63.58	-64.64	-64.65	-76.13
Vrx, V2(HL [dBm])	-65.93	-63.55	-64.70	-64.71	-76.20
Hrx, H2(HL [dBm])	-65.96	-63.36	-64.64	-64.64	-76.16



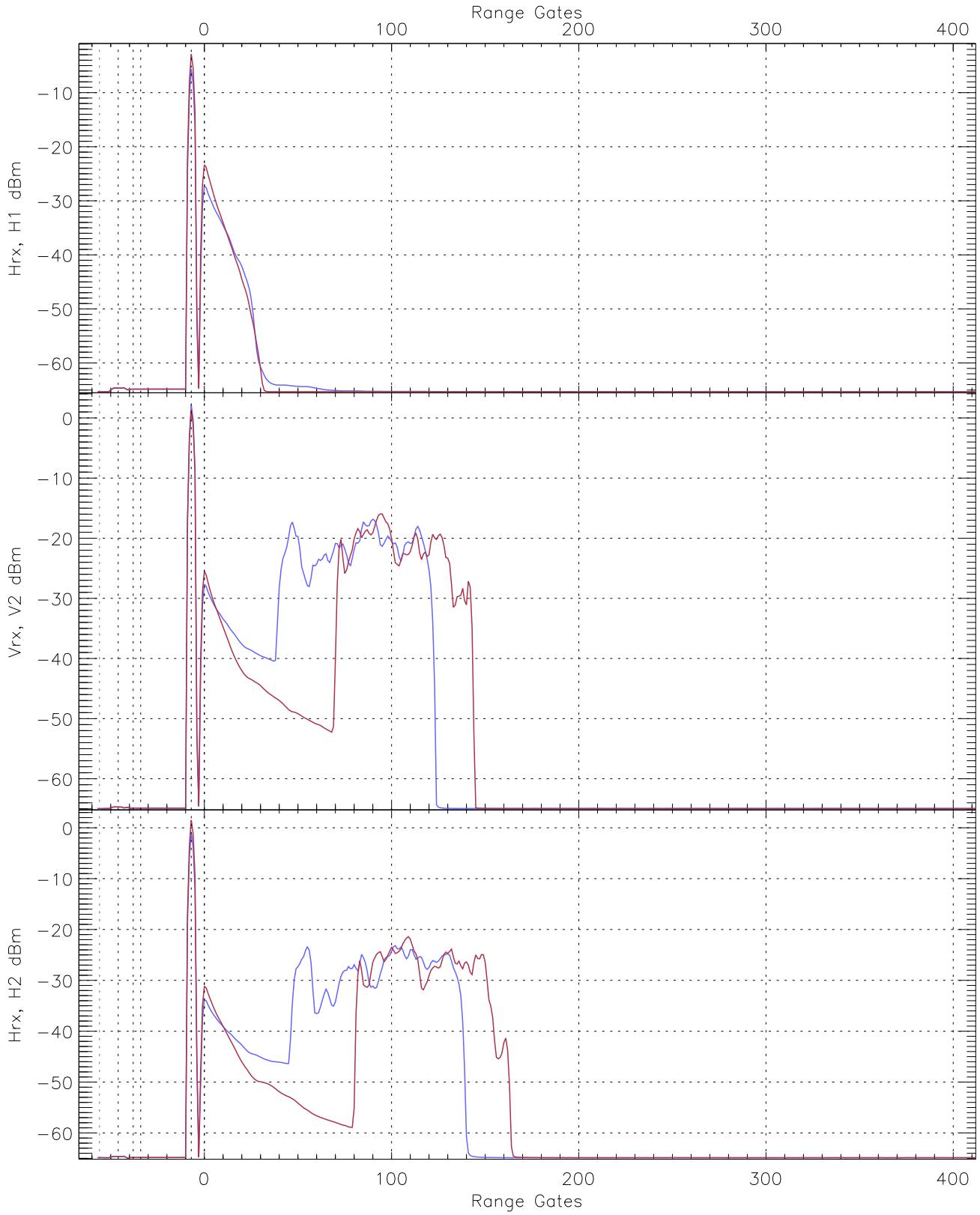
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.54	-64.17	-65.31	-65.32	-76.80
Vrx, V2(RM [dBm])	-66.40	-63.73	-64.97	-64.98	-76.47
Hrx, H2(RM [dBm])	-66.19	-63.67	-64.86	-64.87	-76.37

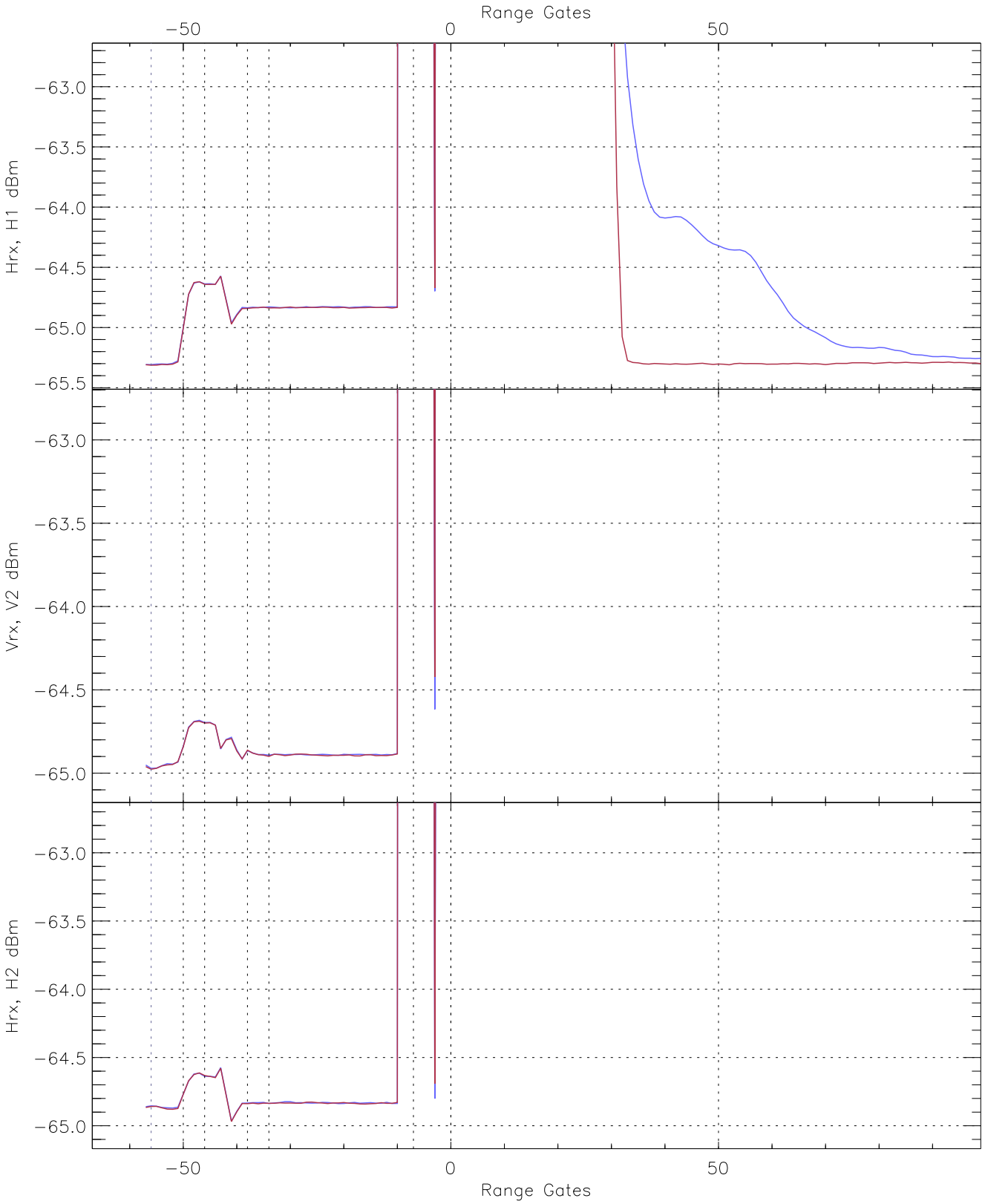


WCR3 CPP "Best" estimate Receivers Noise Power

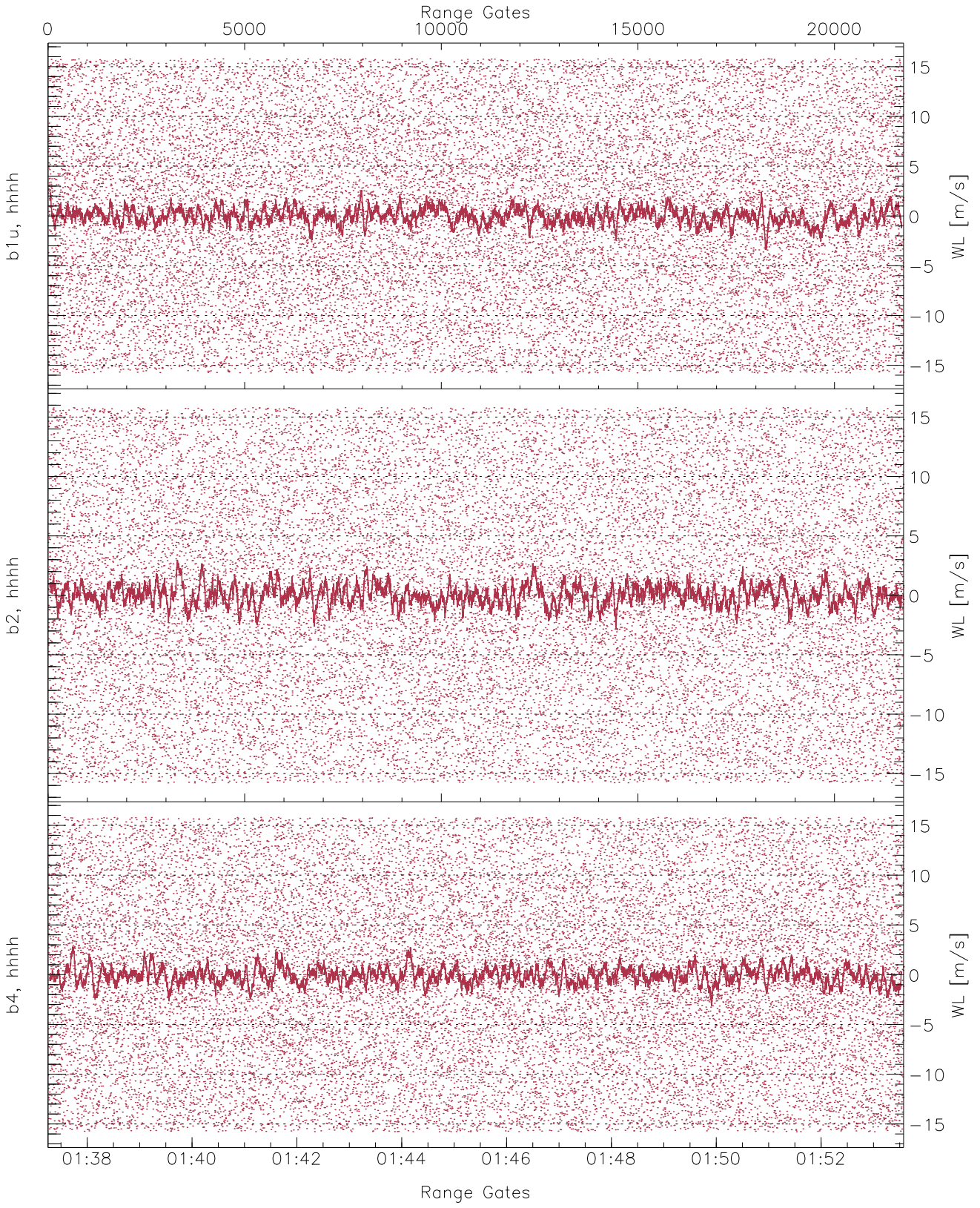
	Min	Max	Mean	Median	StDev
H1RG187_0 [dBm]	-66.48	-64.20	-65.31	-65.32	-76.82
V2RG215_0 [dBm]	-66.12	-63.75	-64.97	-64.98	-76.47
H2RG372_0 [dBm]	-66.18	-63.69	-64.88	-64.89	-76.37



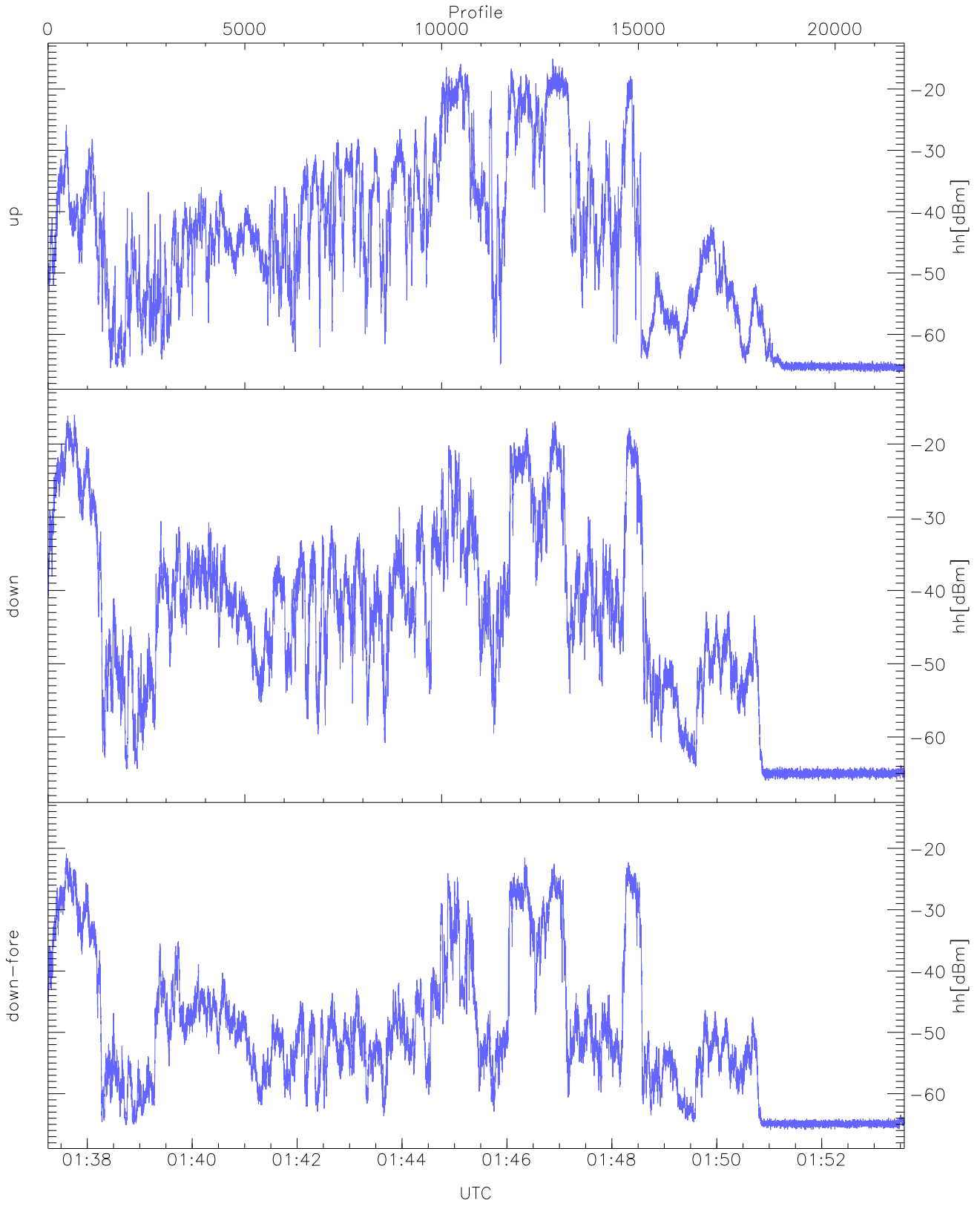
WCR3 CPP Averaged Received power for all recorded gates
blue: 013715-014525, 10880 profiles averaged
red: 014525-015334, 10879 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 013715-014525, 10880 profiles averaged
red: 014525-015334, 10879 profiles averaged

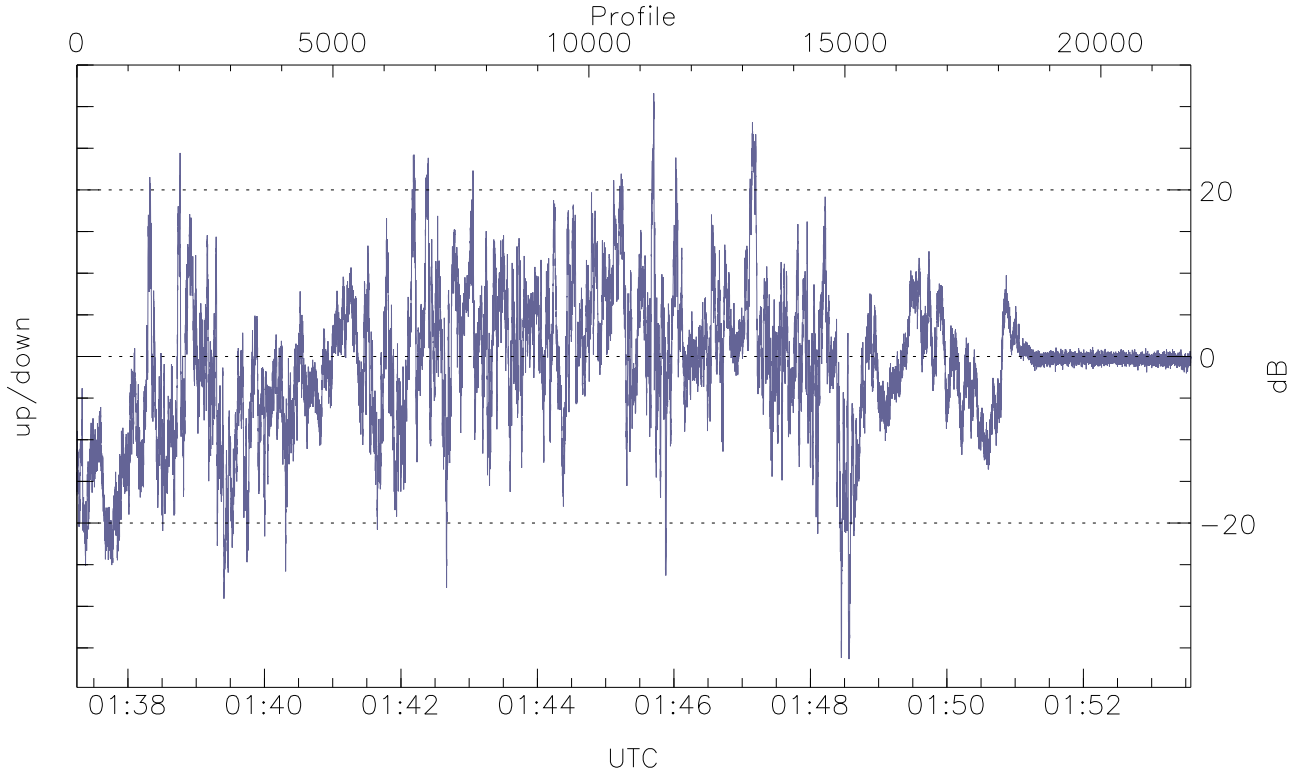


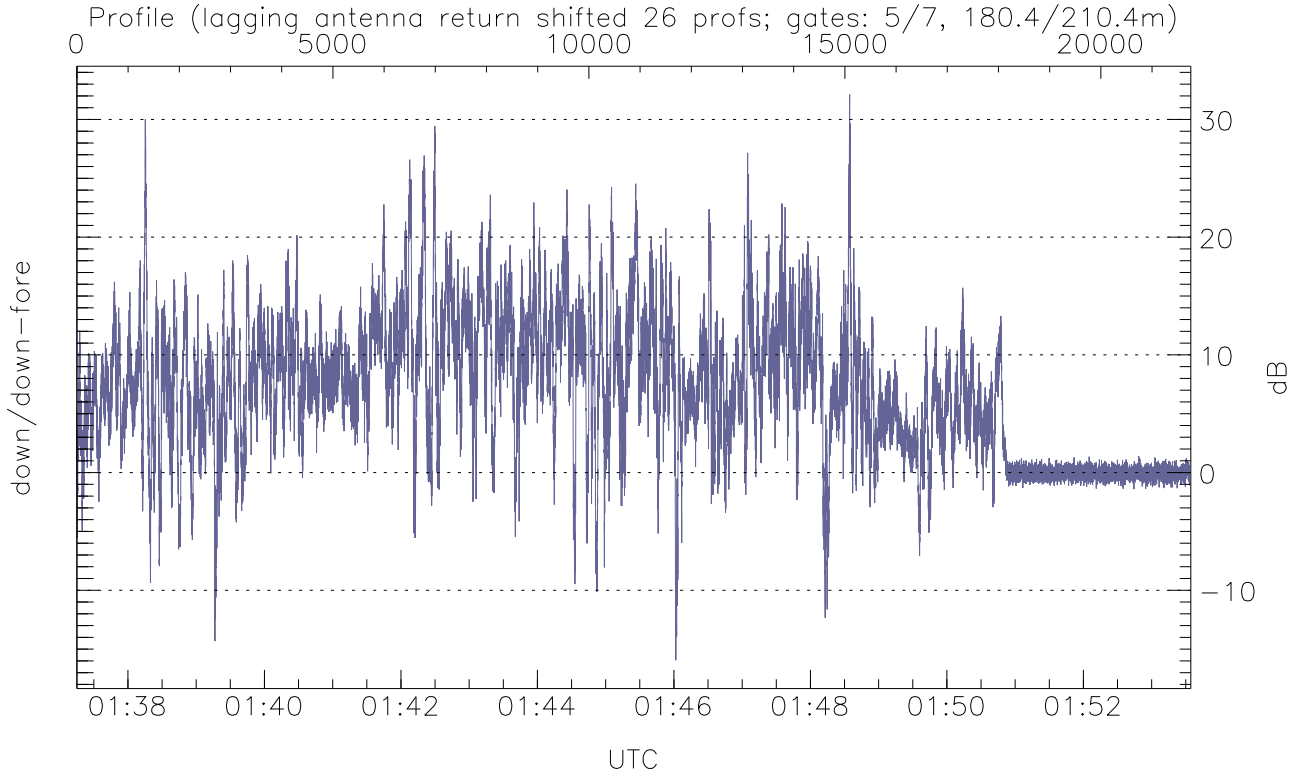
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

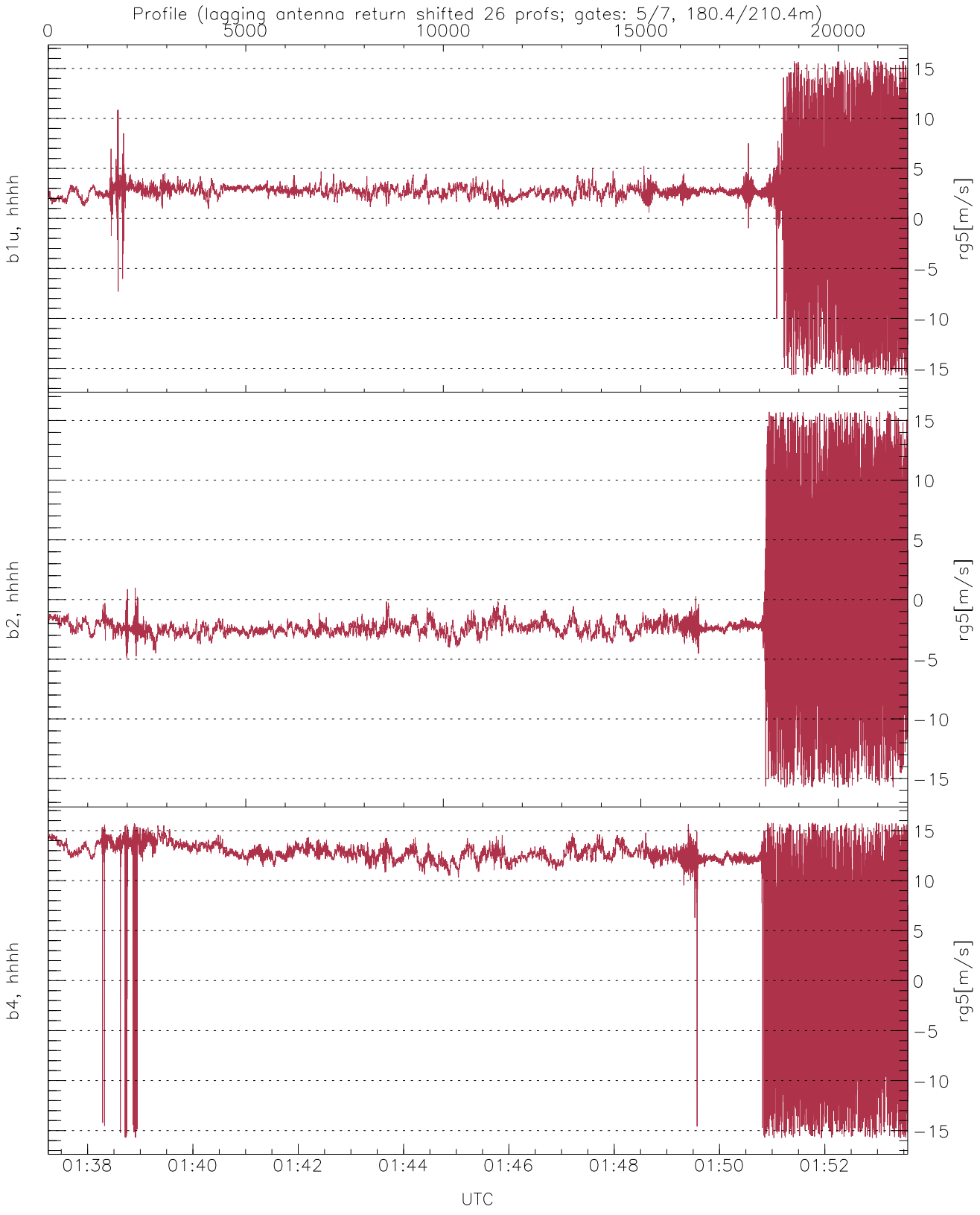
	Min	Max	Mean
up(hh[dBm])	-66.37	-15.08	-29.87
down(hh[dBm])	-65.99	-16.01	-30.78
down-fore(hh[dBm])	-65.90	-20.82	-36.02





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

	Min	Max	Mean
up/down(dB)	-36.34	31.60	-1.03
down/down-fore(dB)	-15.95	32.12	6.84



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.76	15.79	2.33	3.23
b2, hhhh(rg5[m/s])	-15.75	15.79	-1.97	3.56
b4, hhhh(rg5[m/s])	-15.75	15.79	10.63	6.07