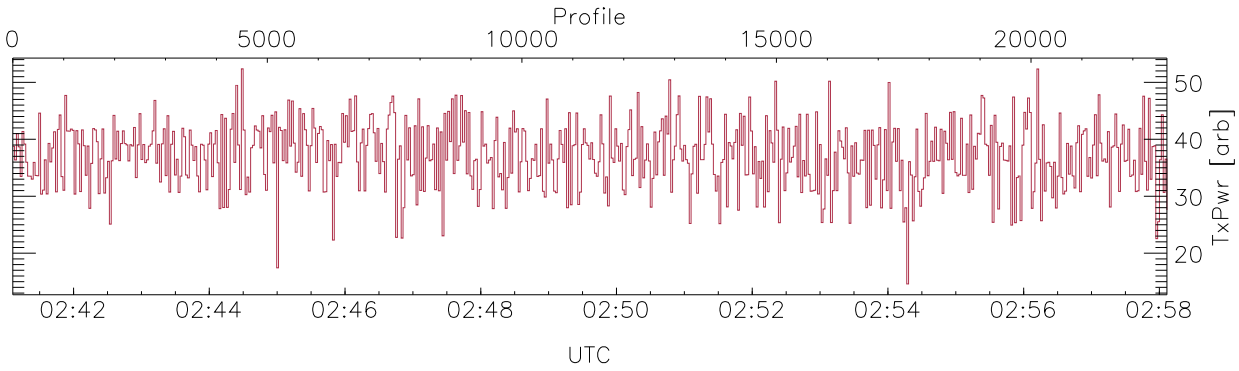
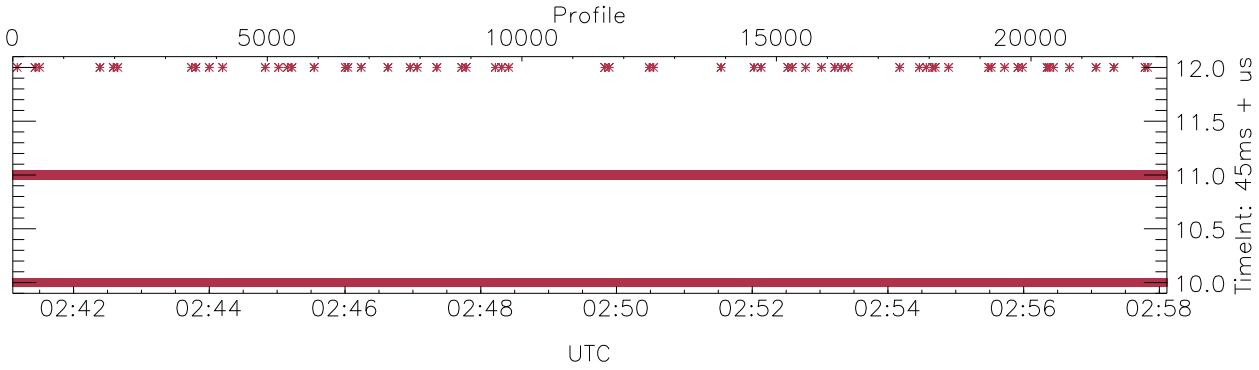
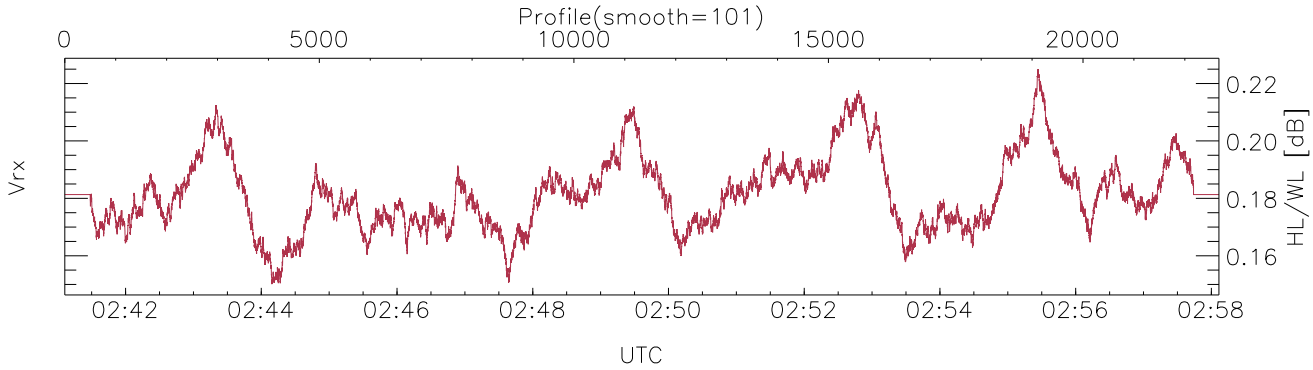
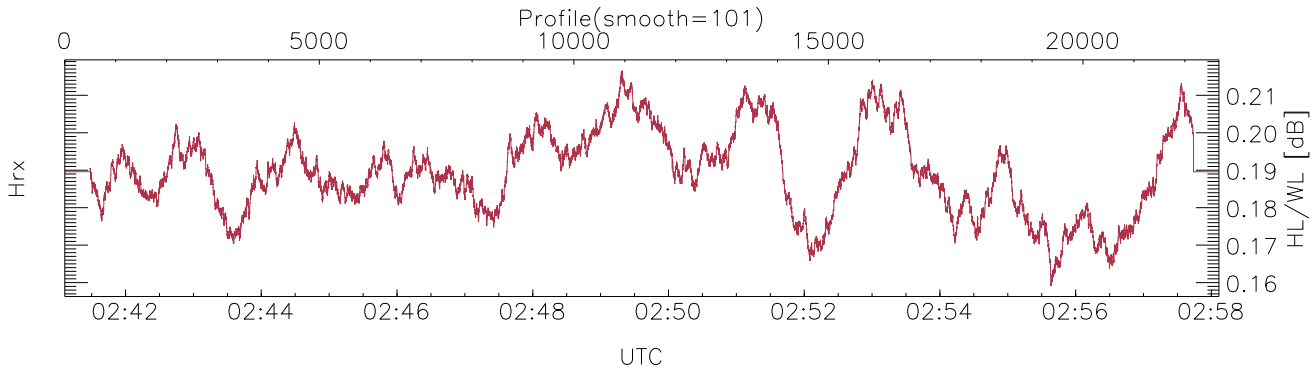


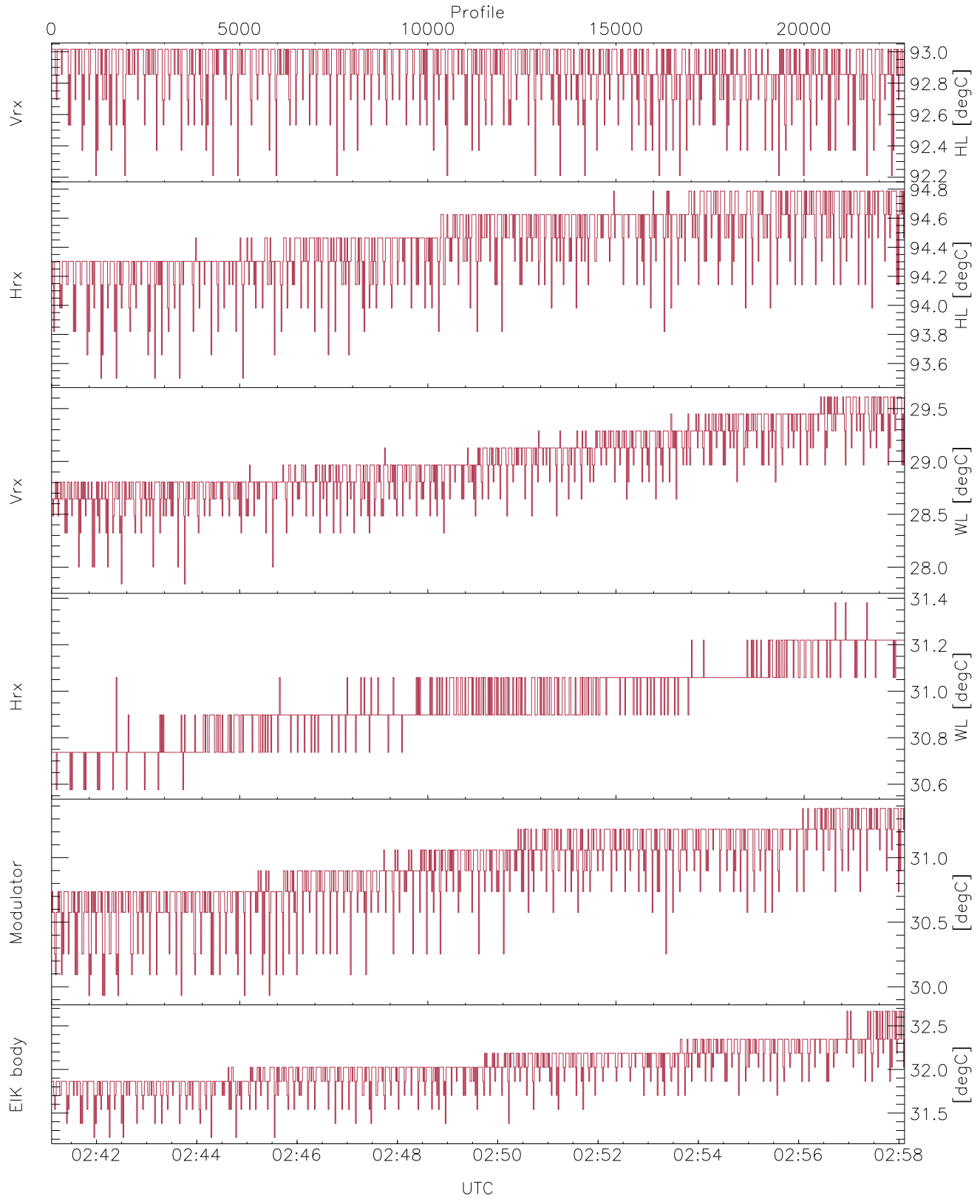






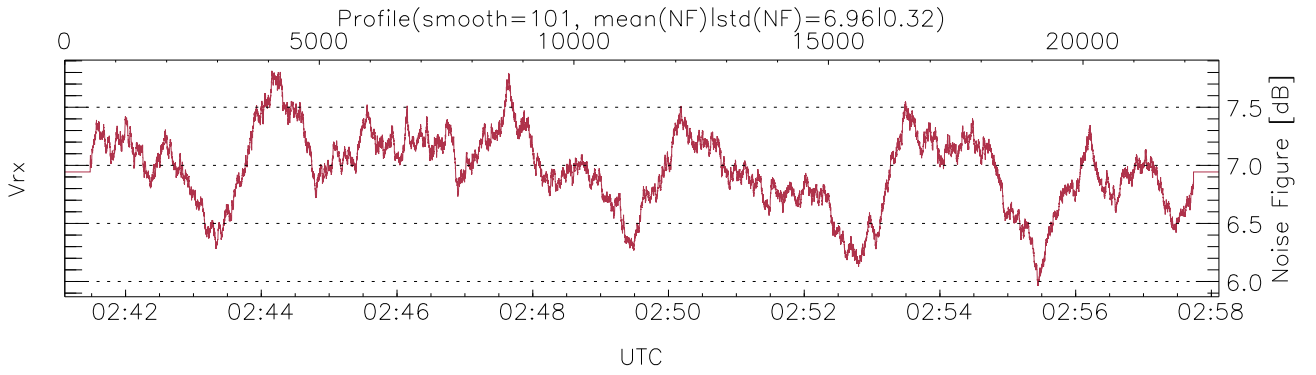
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

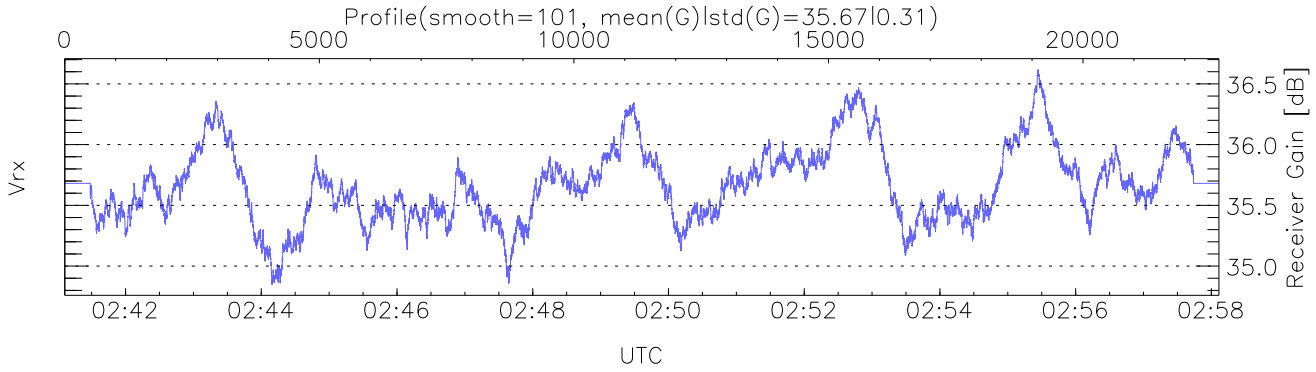
UTC: 02:41:06-02:58:07, TimeCor: 0.00s, Dur: 1020.45s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
NumRec(r/t): 22672/22672, 0-22671/02:41:06-02:58:07
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: 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

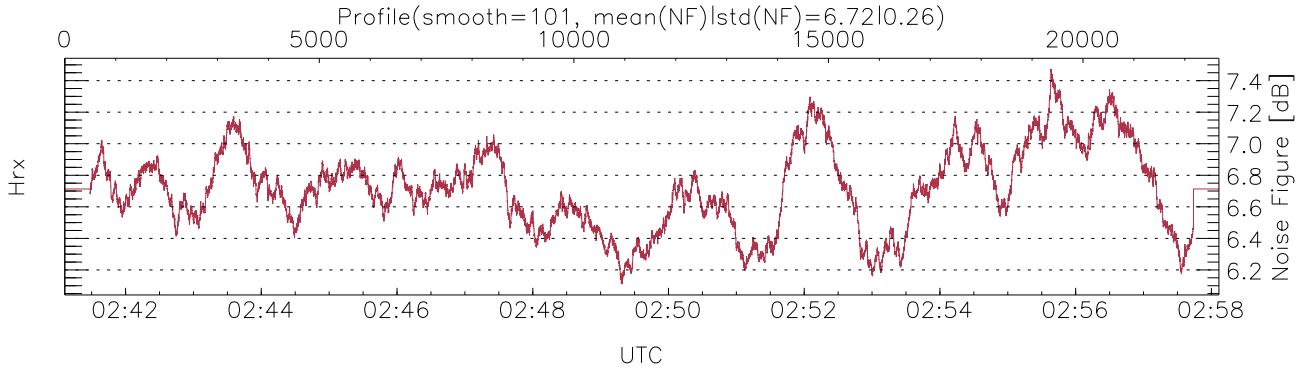


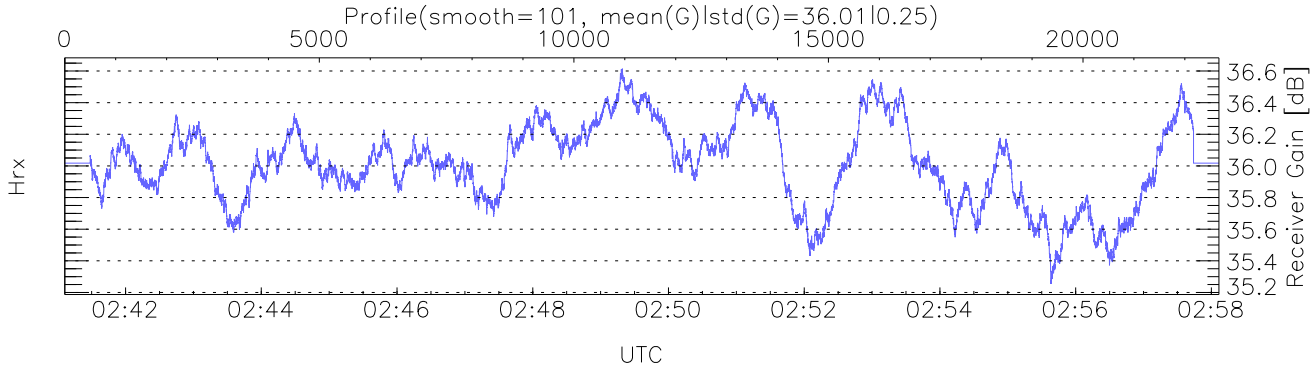
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,27,30,29,31
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,29,31,31,32
LOalarm(20,240,2817,14861 MHz): 0,0,67,0
EIK Faults(# prof affected):
BodyCurr,DeckF,OverDuty,HVPS (44,44,44,22)



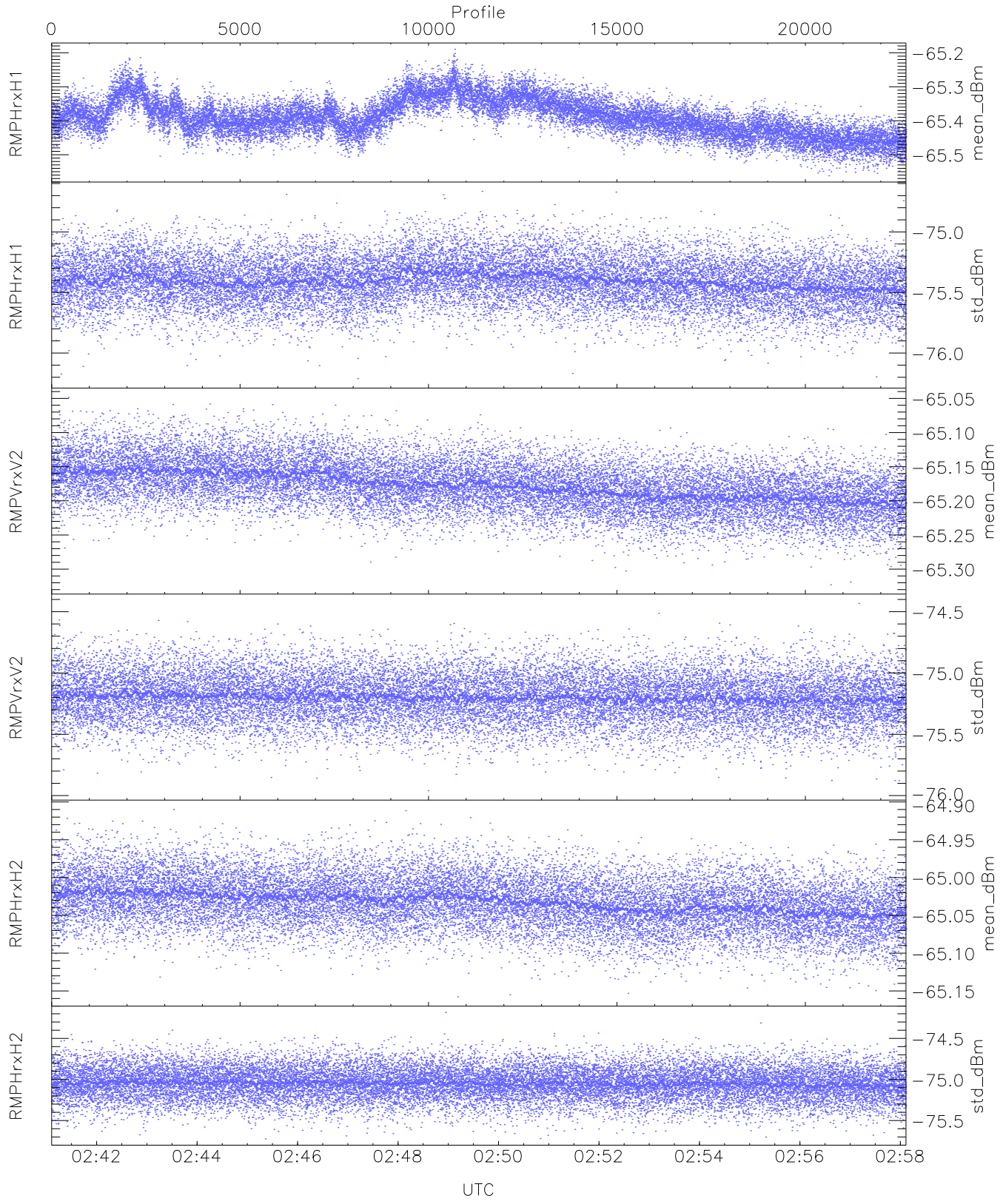






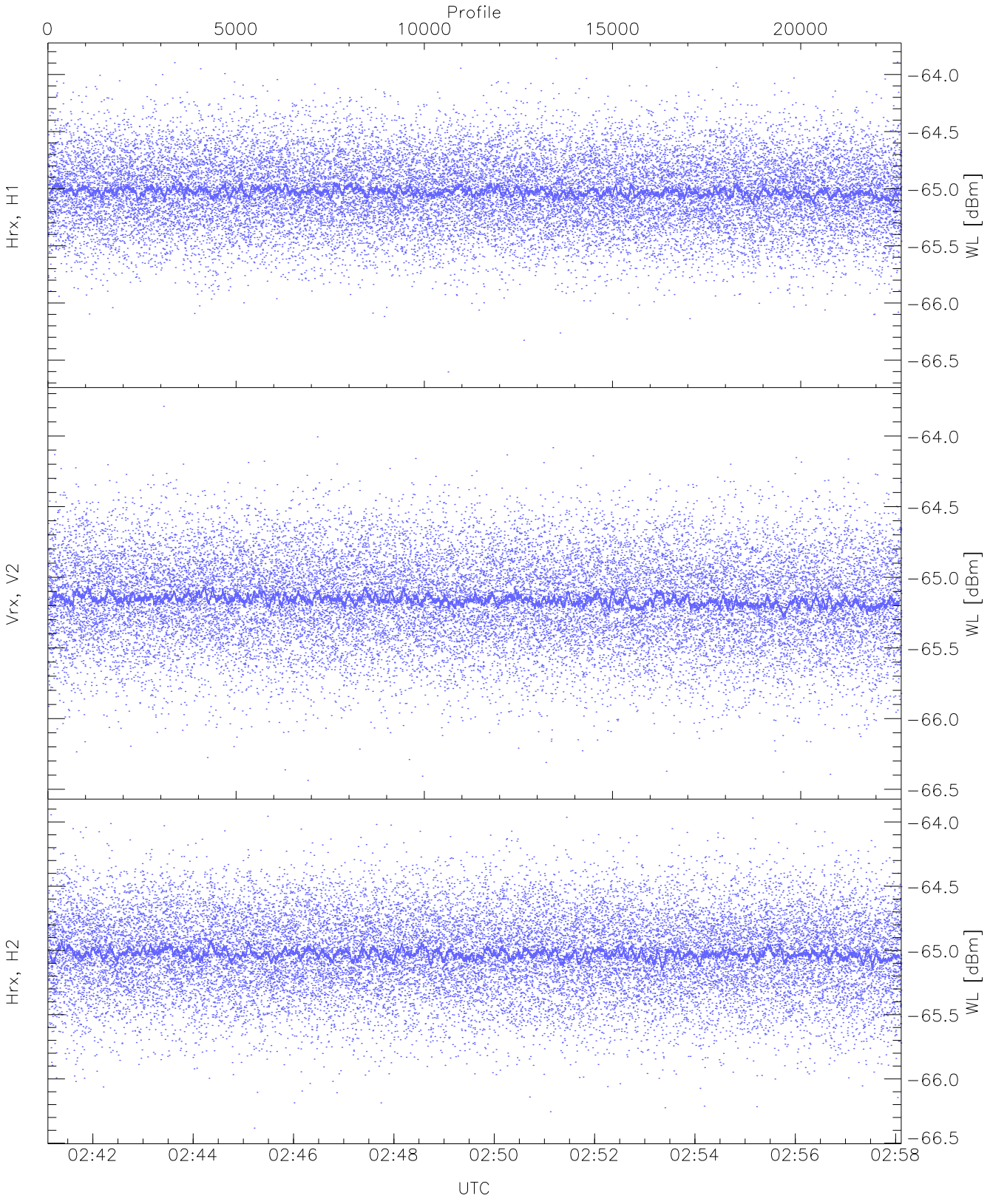
WCR3 CPP Receivers Gain and Noise Figure

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



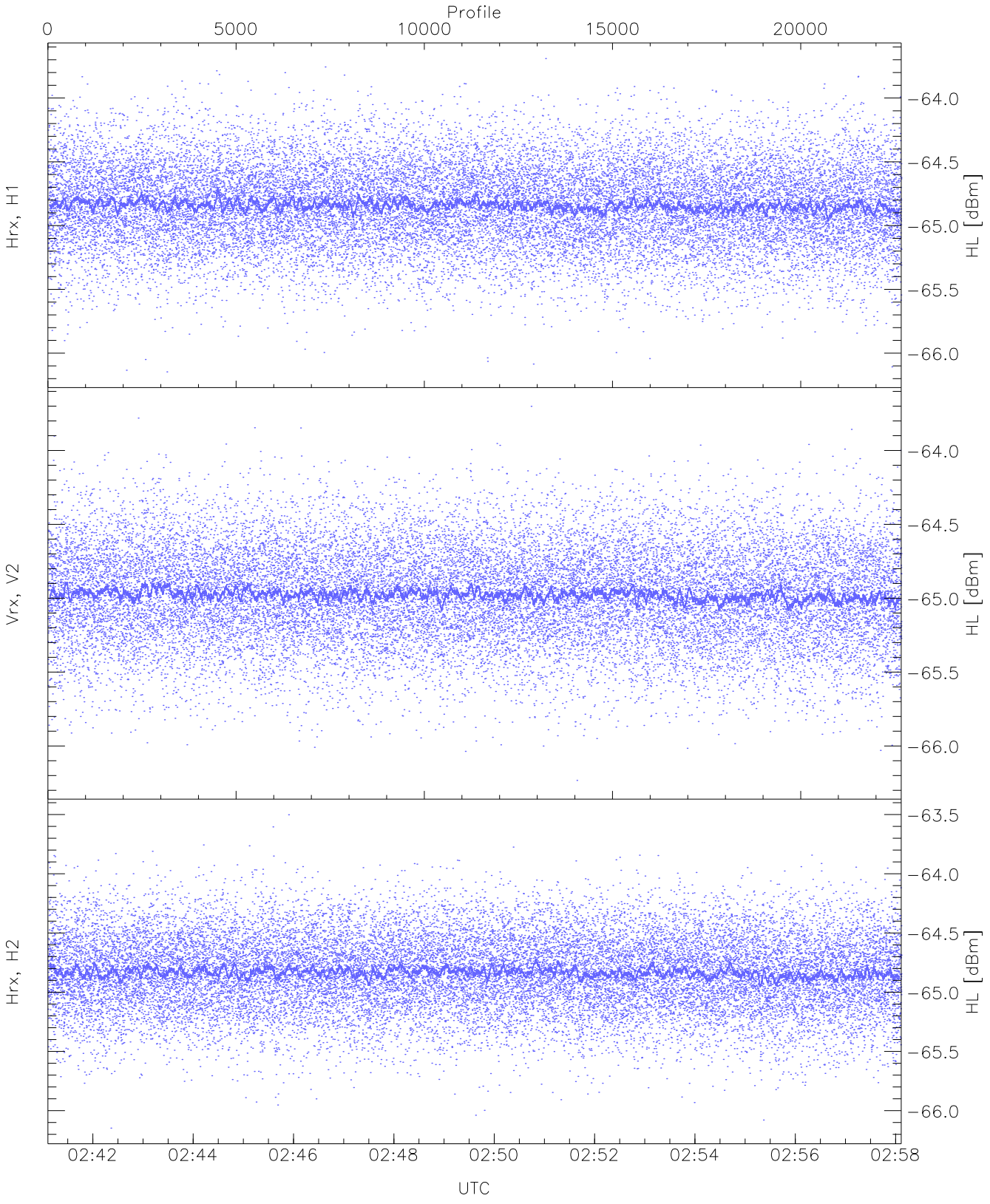
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.56	-65.19	-65.39	-65.39	-84.45
RMPHrxH1(std_dBm)	-76.21	-74.67	-75.40	-75.41	-89.11
RMPVrxV2(mean_dBm)	-65.32	-65.05	-65.18	-65.18	-86.19
RMPVrxV2(std_dBm)	-75.96	-74.43	-75.20	-75.20	-88.95
RMPHrxH2(mean_dBm)	-65.16	-64.91	-65.03	-65.03	-86.38
RMPHrxH2(std_dBm)	-75.72	-74.18	-75.05	-75.05	-88.82



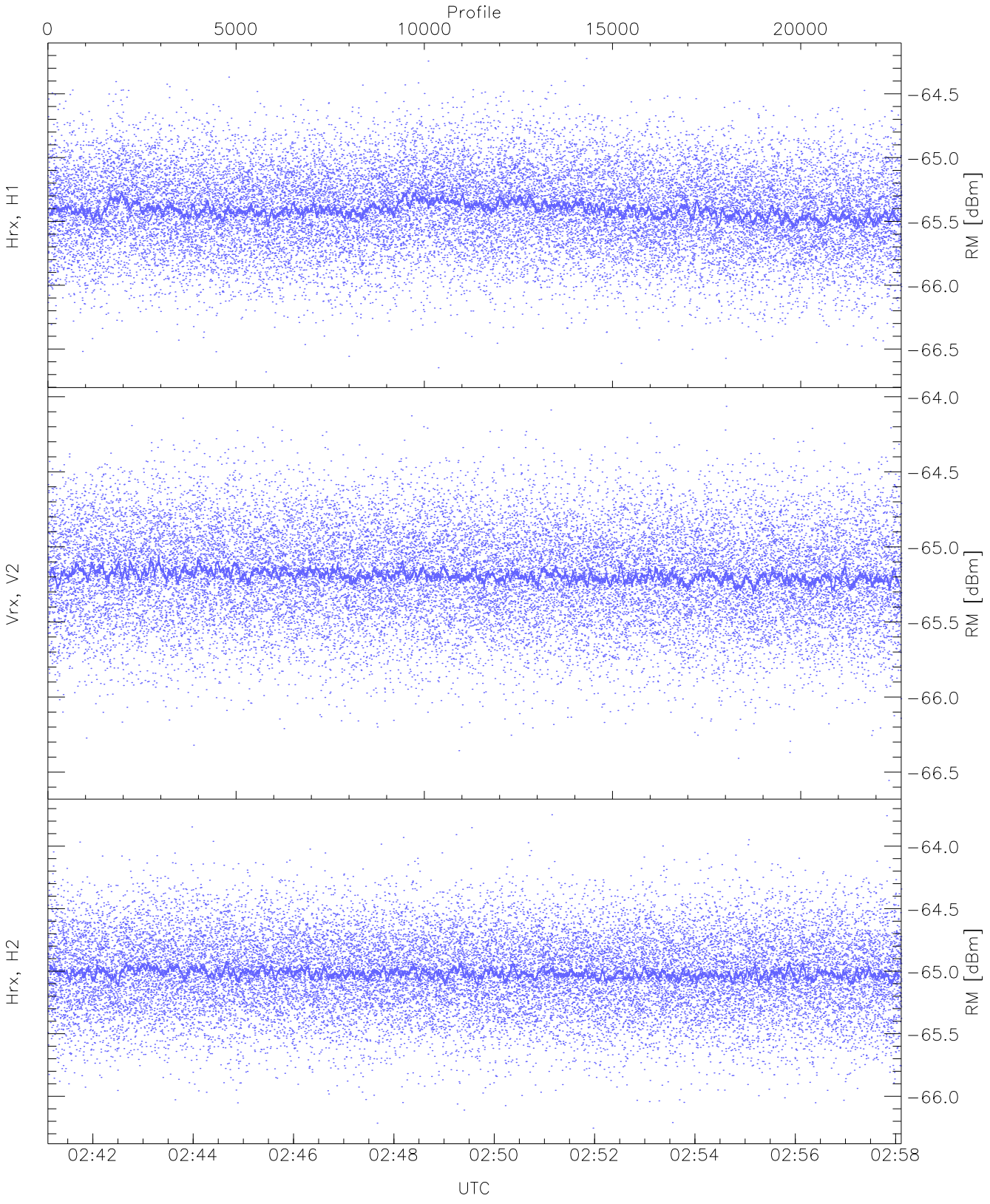
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.60	-63.86	-65.02	-65.03	-76.51
Vrx, V2(WL [dBm])	-66.44	-63.79	-65.15	-65.16	-76.67
Hrx, H2(WL [dBm])	-66.38	-63.94	-65.02	-65.03	-76.55



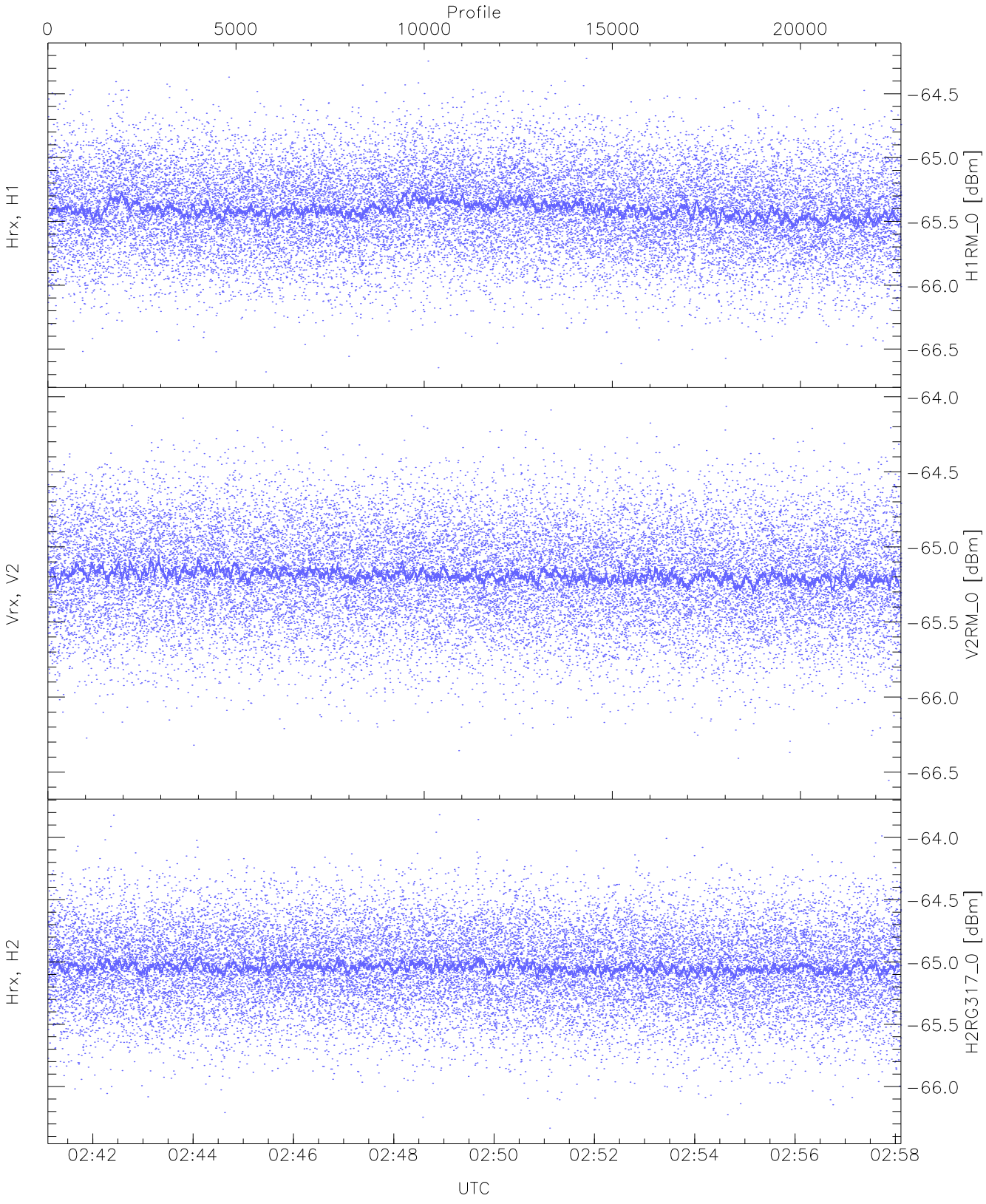
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-66.15	-63.69	-64.83	-64.84	-76.34
Vrx, V2(HL [dBm])	-66.23	-63.70	-64.97	-64.98	-76.47
Hrx, H2(HL [dBm])	-66.15	-63.50	-64.83	-64.84	-76.35



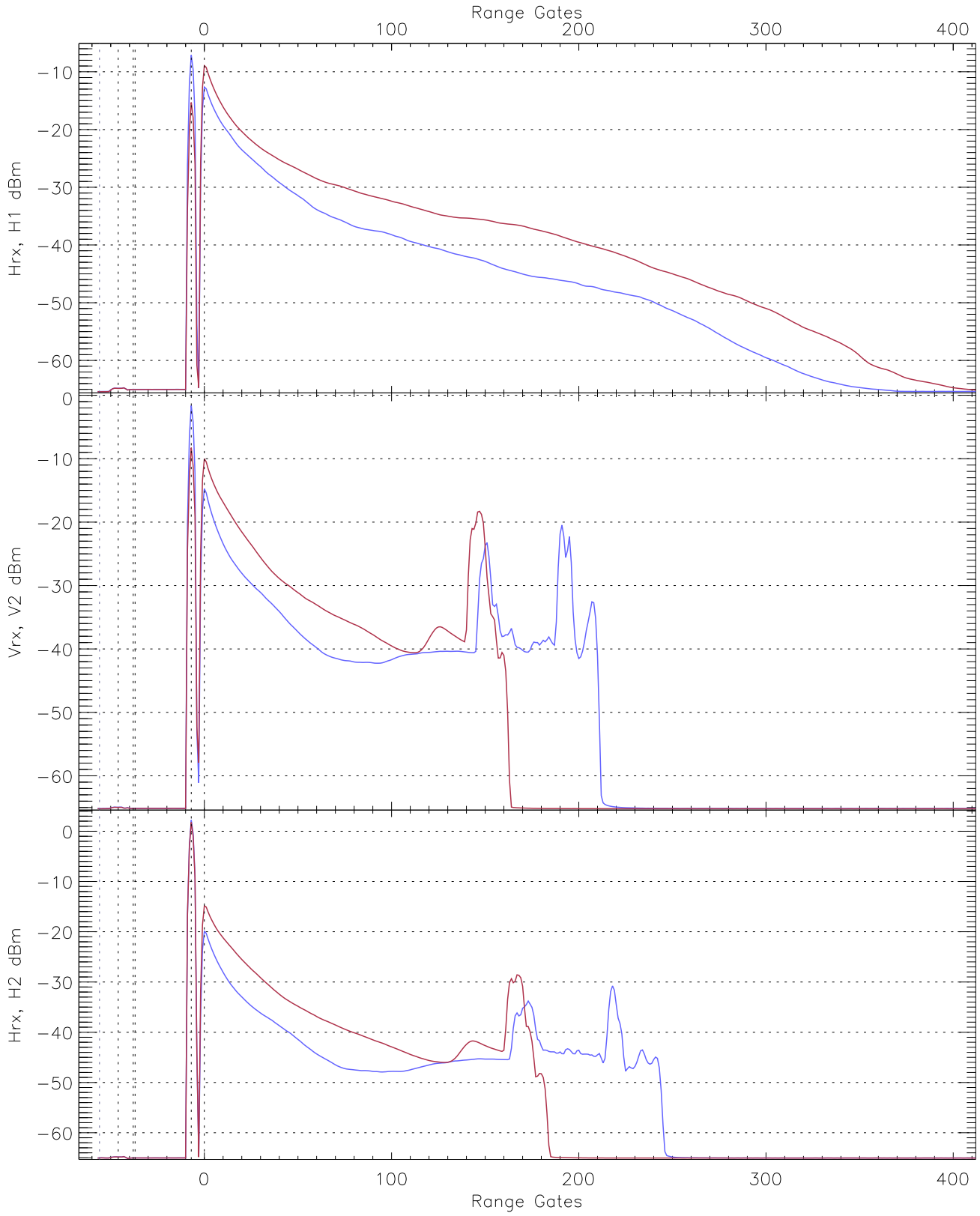
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.68	-64.22	-65.40	-65.41	-76.87
Vrx, V2(RM [dBm])	-66.56	-64.06	-65.18	-65.19	-76.68
Hrx, H2(RM [dBm])	-66.25	-63.75	-65.01	-65.02	-76.52

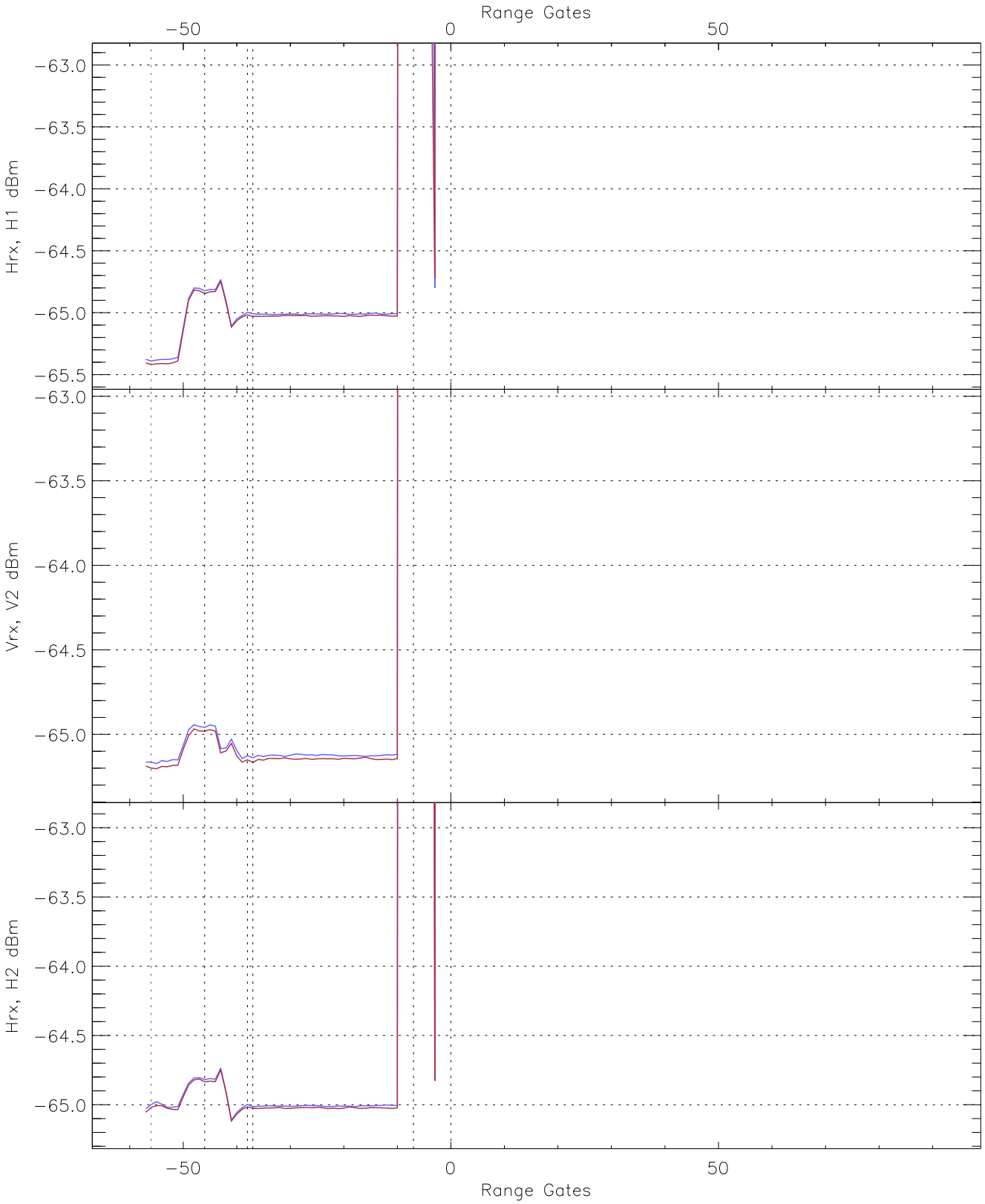


WCR3 CPP "Best" estimate Receivers Noise Power

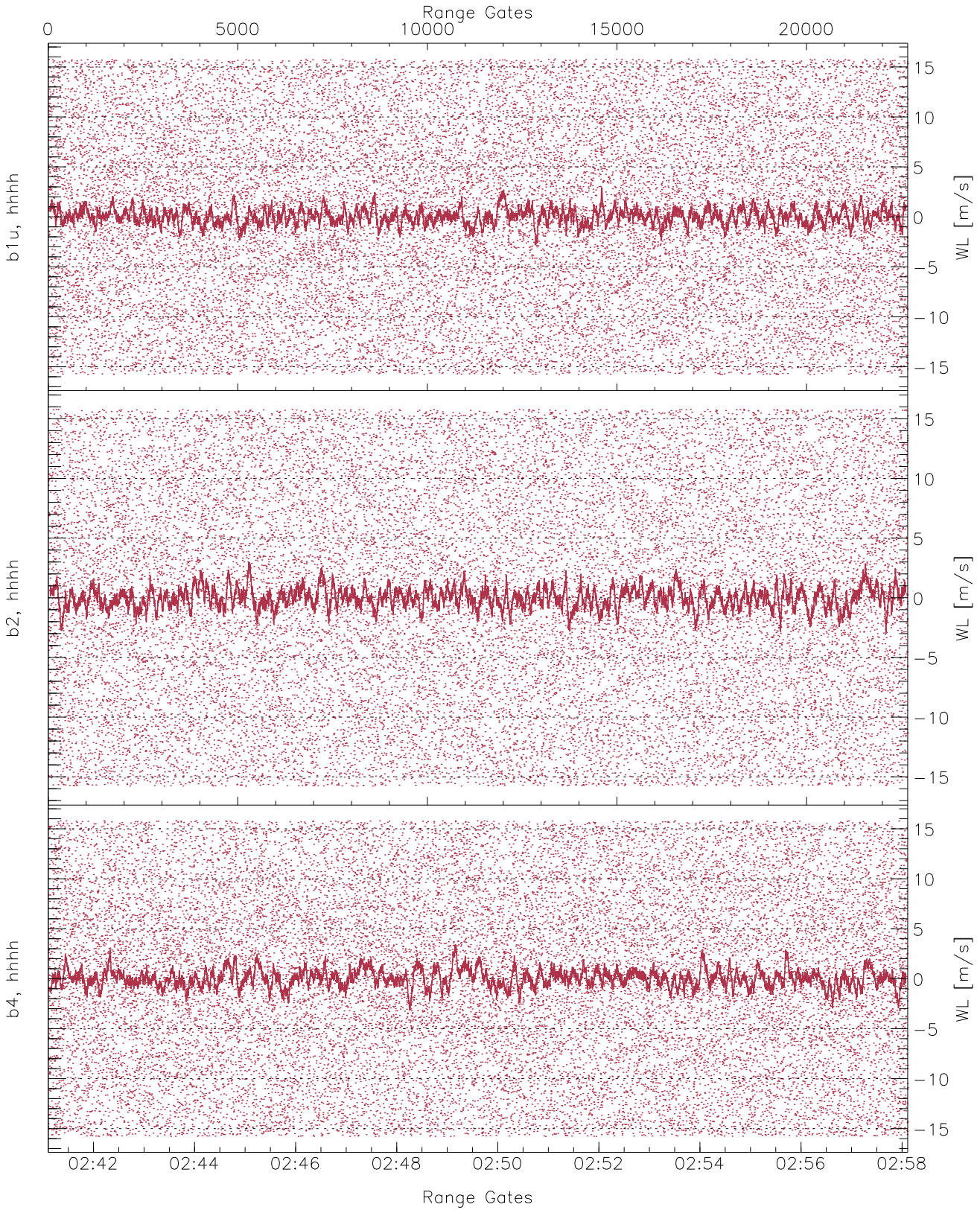
	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-66.68	-64.22	-65.40	-65.41	-76.87
V2RM_0 [dBm]	-66.56	-64.06	-65.18	-65.19	-76.68
H2RG317_0 [dBm]	-66.33	-63.82	-65.04	-65.04	-76.55



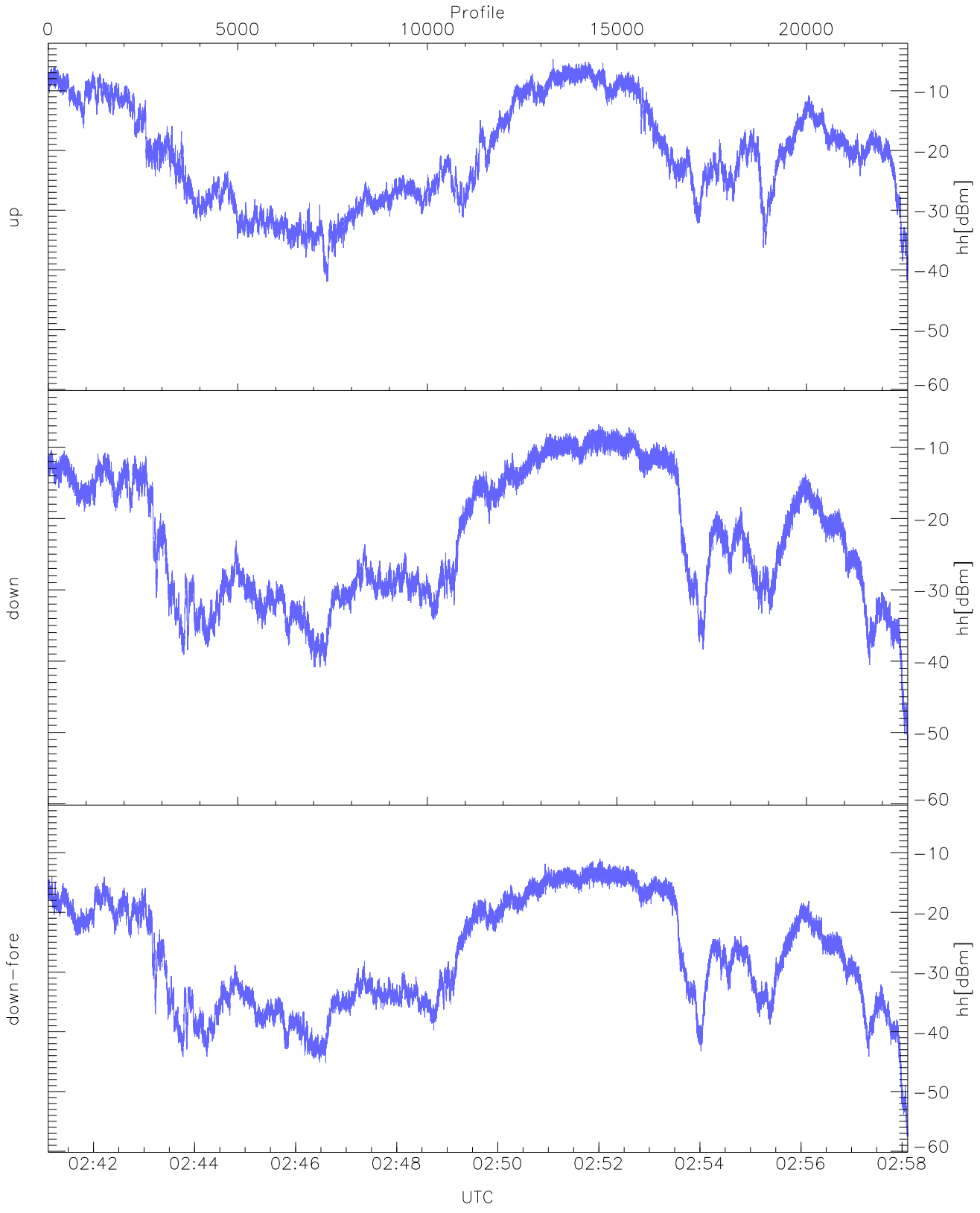
WCR3 CPP Averaged Received power for all recorded gates
blue: 024106-024936, 11337 profiles averaged
red: 024936-025807, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 024106-024936, 11337 profiles averaged
red: 024936-025807, 11336 profiles averaged

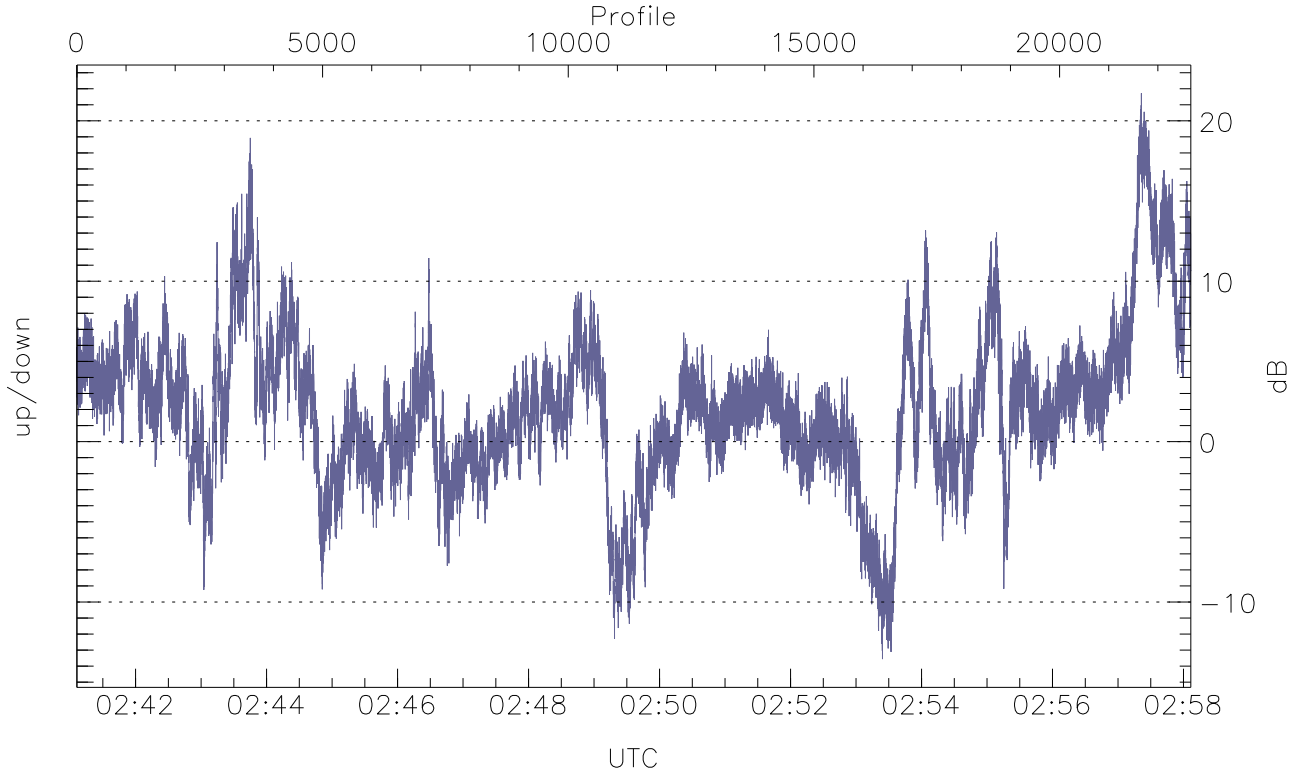


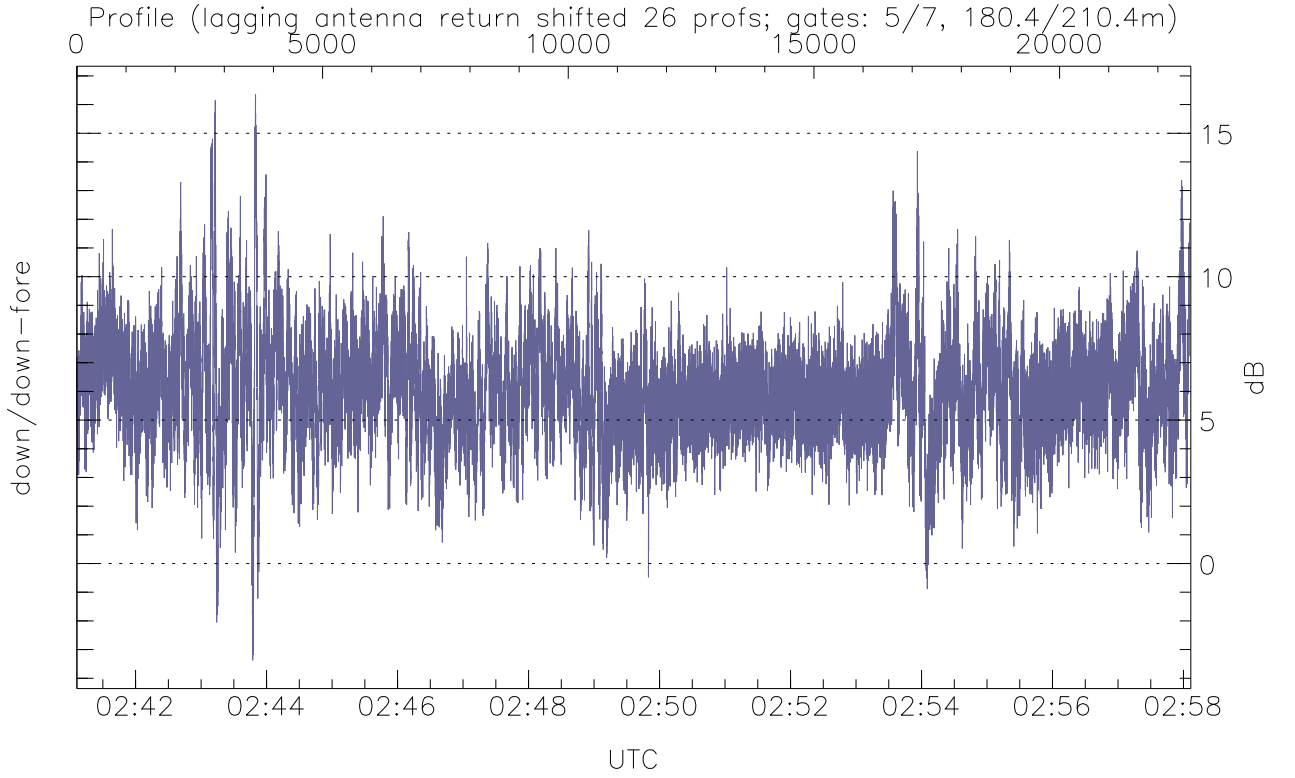
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

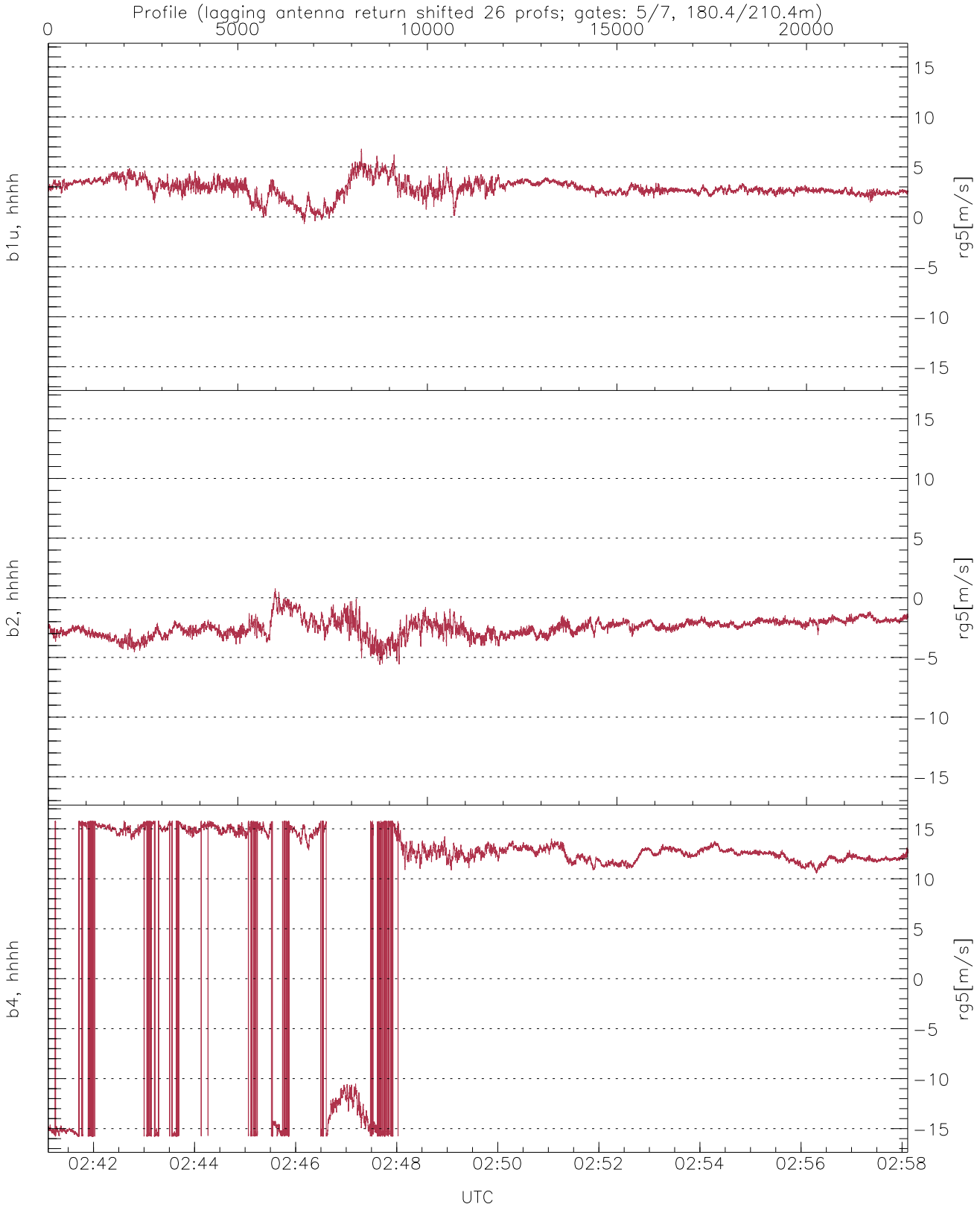
	Min	Max	Mean
up(hh[dBm])	-41.98	-4.69	-14.26
down(hh[dBm])	-52.01	-6.78	-15.93
down-fore(hh[dBm])	-57.54	-11.05	-20.43





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

	Min	Max	Mean
up/down(dB)	-13.56	21.72	2.07
down/down-fore(dB)	-3.37	16.35	6.05



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-0.69	6.81	2.84	0.88
b2, hhhh(rg5[m/s])	-5.63	0.77	-2.49	0.75
b4, hhhh(rg5[m/s])	-15.79	15.79	9.20	9.81