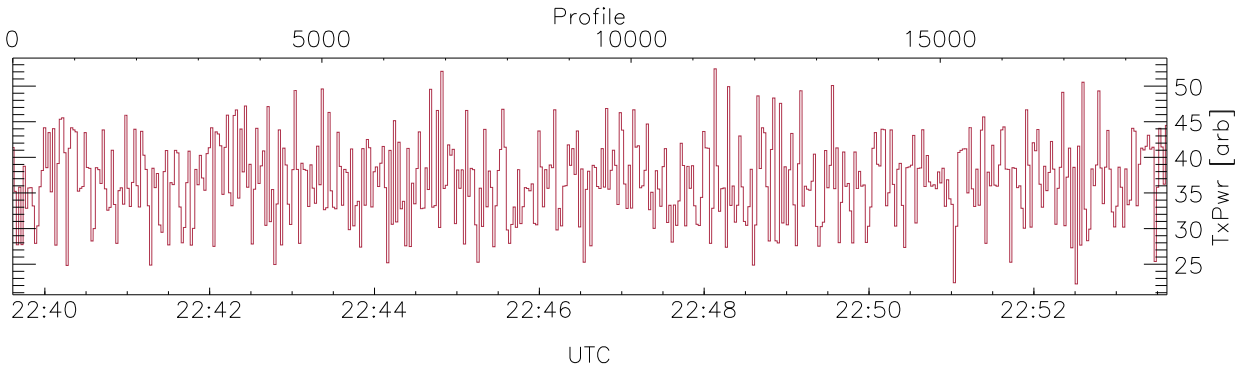
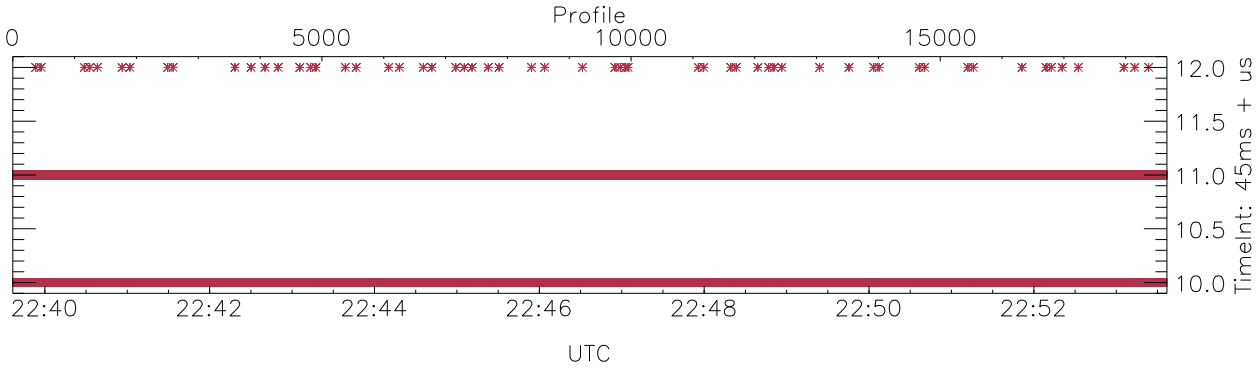
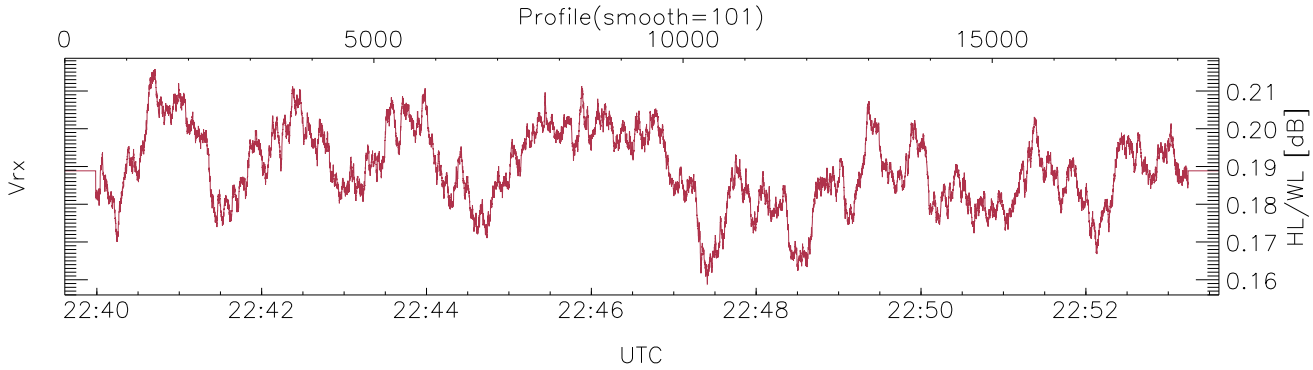
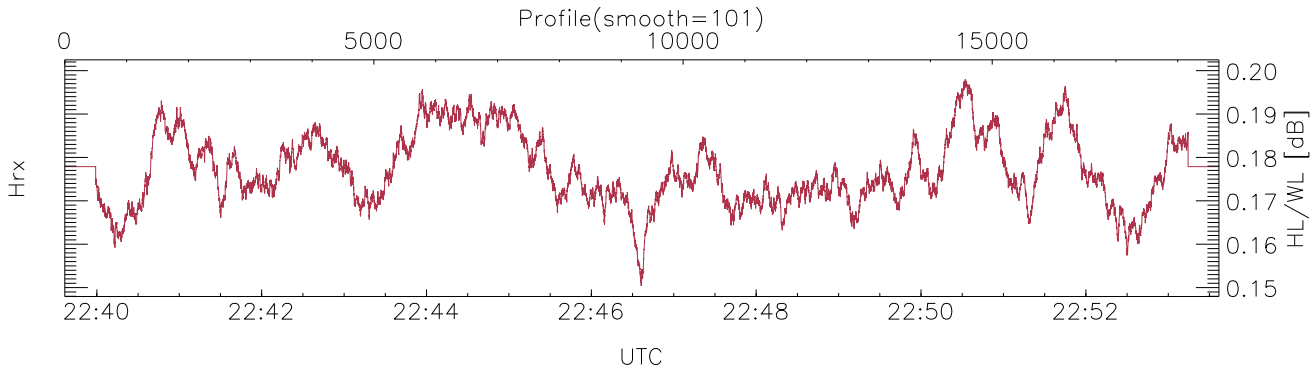


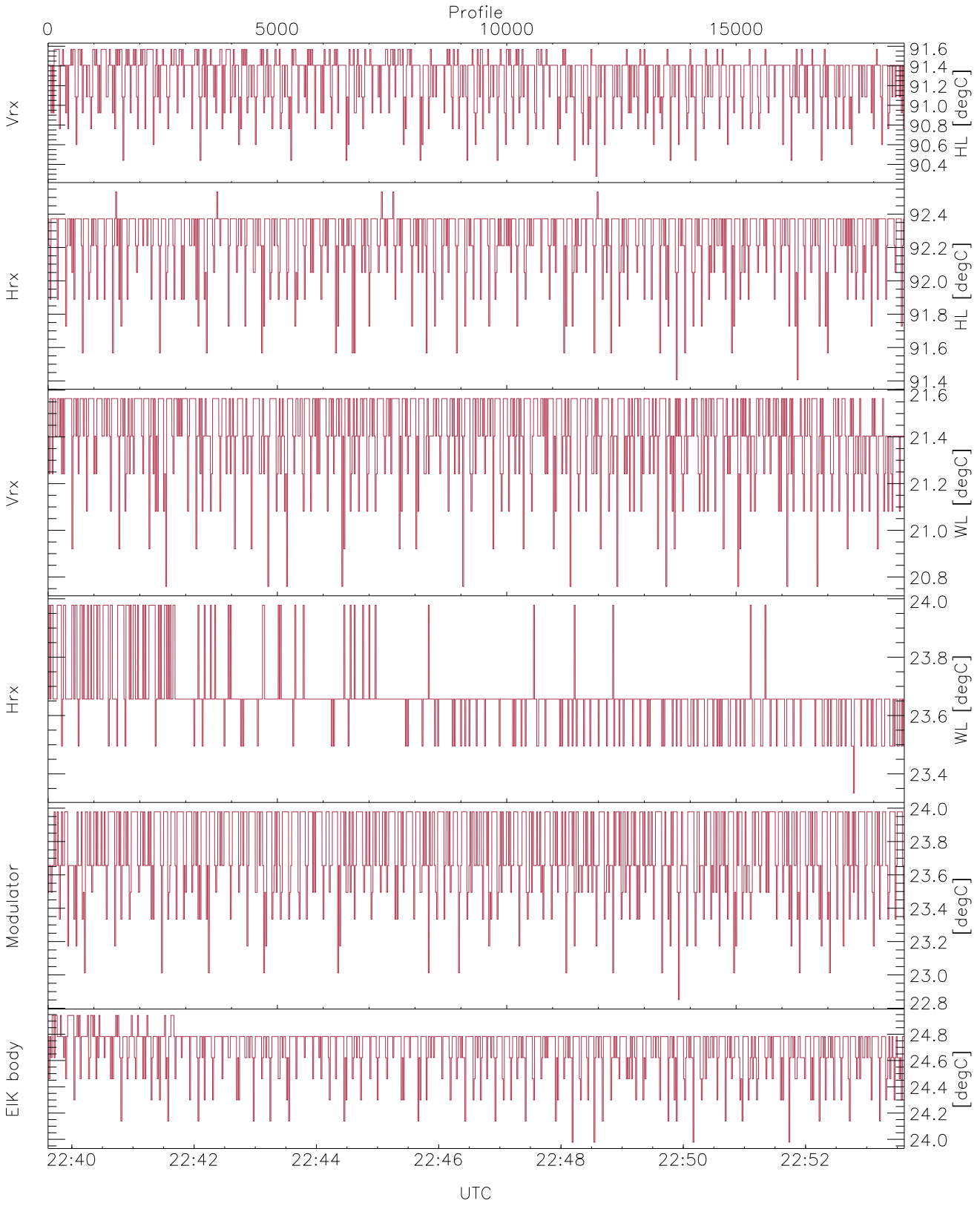






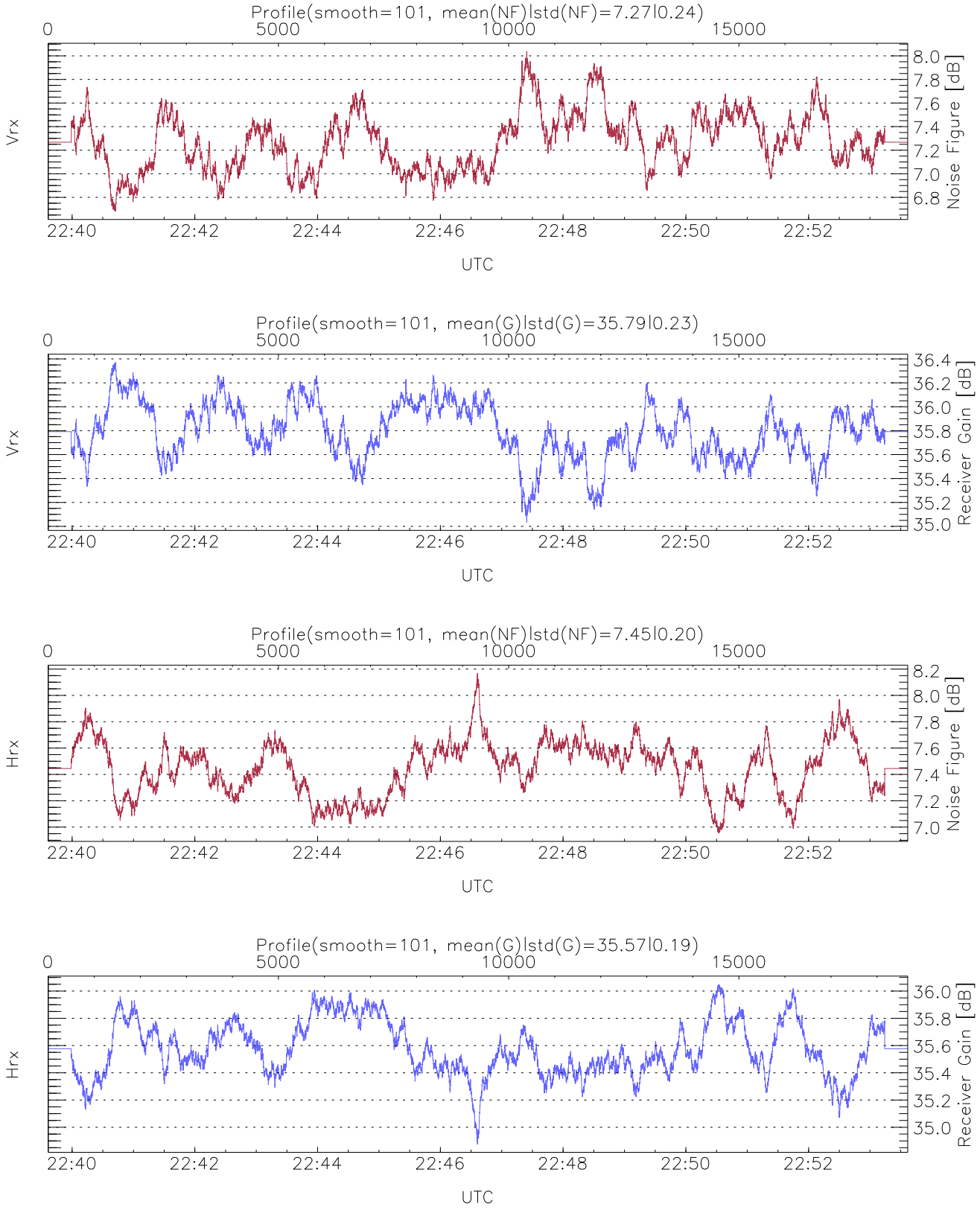
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 22:39:37-22:53:37, TimeCor: 0.00s, Dur: 840.22s
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): 18668/18668, 0-18667/22:39:37-22:53:37
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



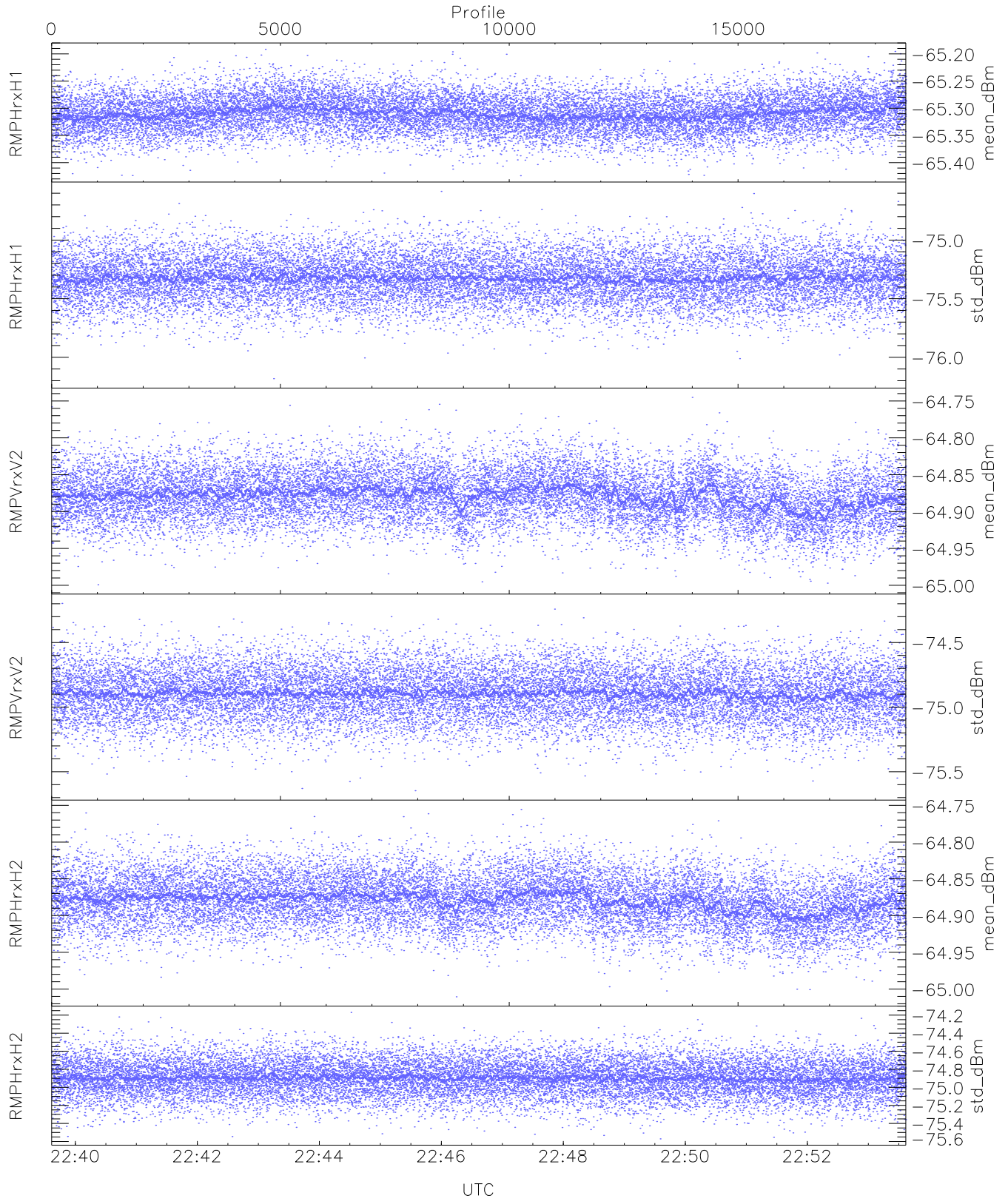
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,20,23,22,23
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,21,23,23,24
LOalarm(20,240,2817,14861 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (22,22,22,22,22,22)



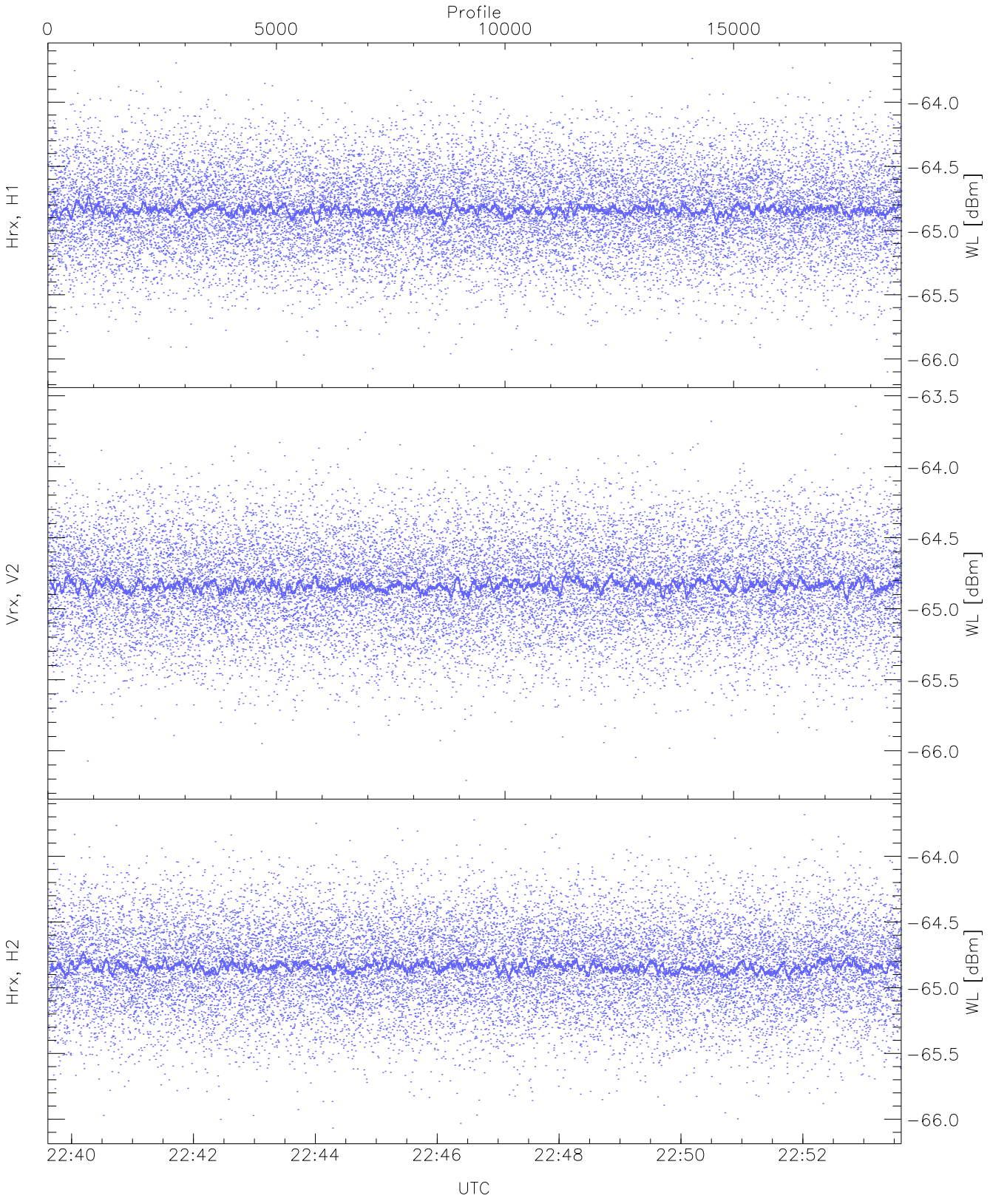
WCR3 CPP Receivers Gain and Noise Figure

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



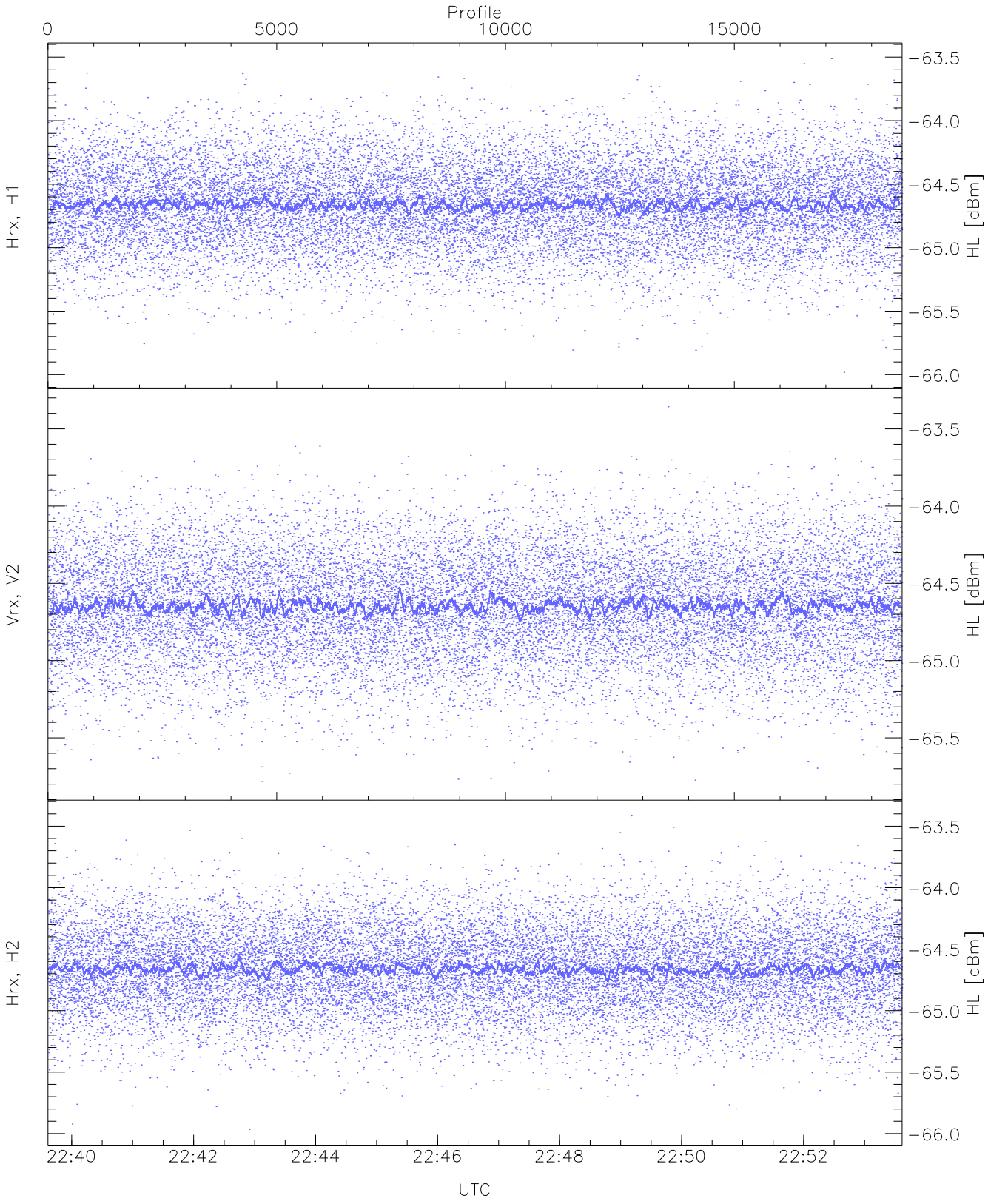
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.42	-65.19	-65.31	-65.31	-86.80
RMPHrxH1(std_dBm)	-76.18	-74.58	-75.33	-75.33	-89.14
RMPVrxV2(mean_dBm)	-65.00	-64.75	-64.88	-64.88	-86.26
RMPVrxV2(std_dBm)	-75.65	-74.20	-74.90	-74.90	-88.71
RMPHrxH2(mean_dBm)	-65.01	-64.76	-64.88	-64.88	-86.27
RMPHrxH2(std_dBm)	-75.57	-74.17	-74.90	-74.90	-88.73



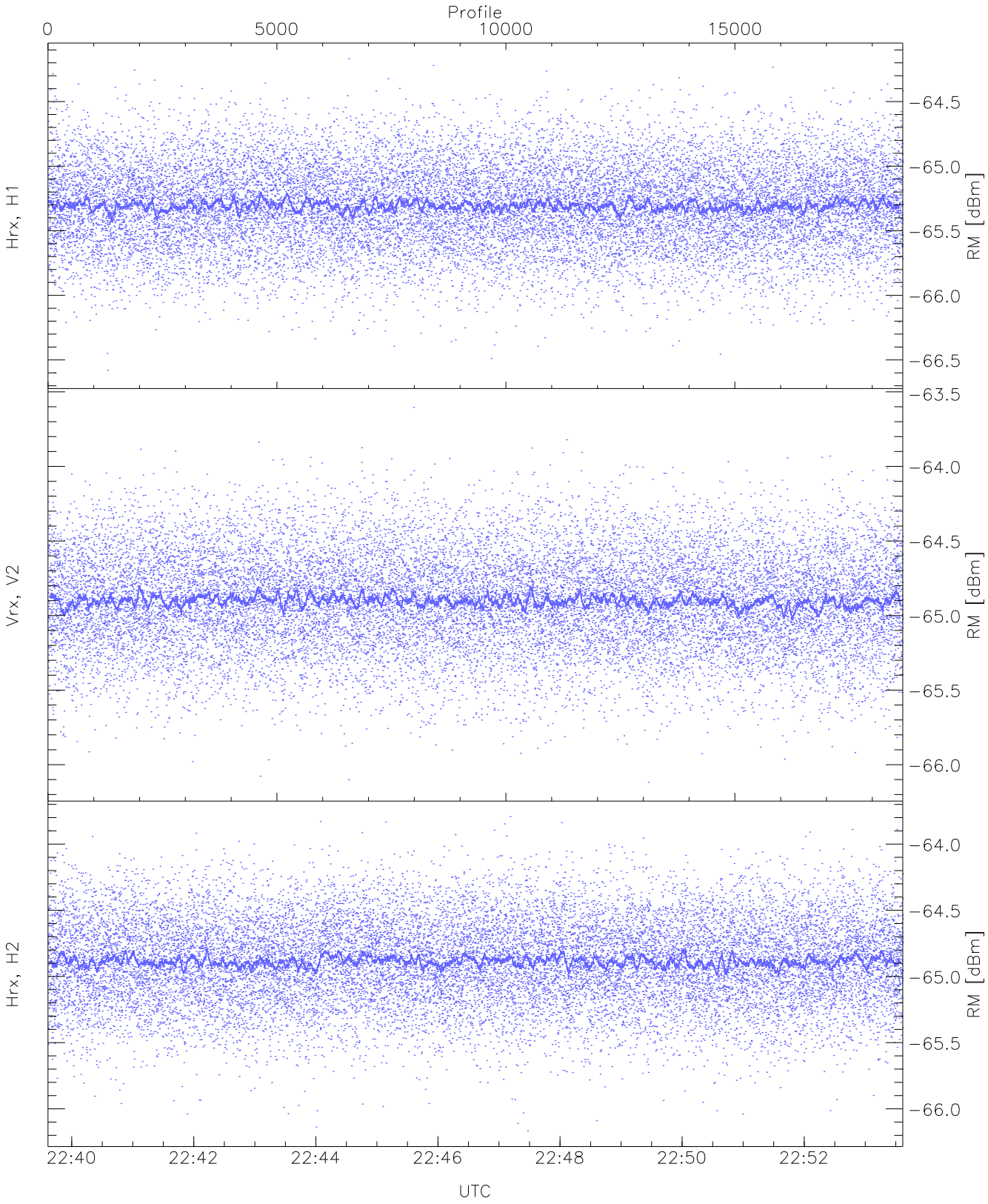
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.10	-63.66	-64.83	-64.84	-76.33
Vrx, V2(WL [dBm])	-66.21	-63.57	-64.83	-64.84	-76.32
Hrx, H2(WL [dBm])	-66.07	-63.68	-64.83	-64.84	-76.33



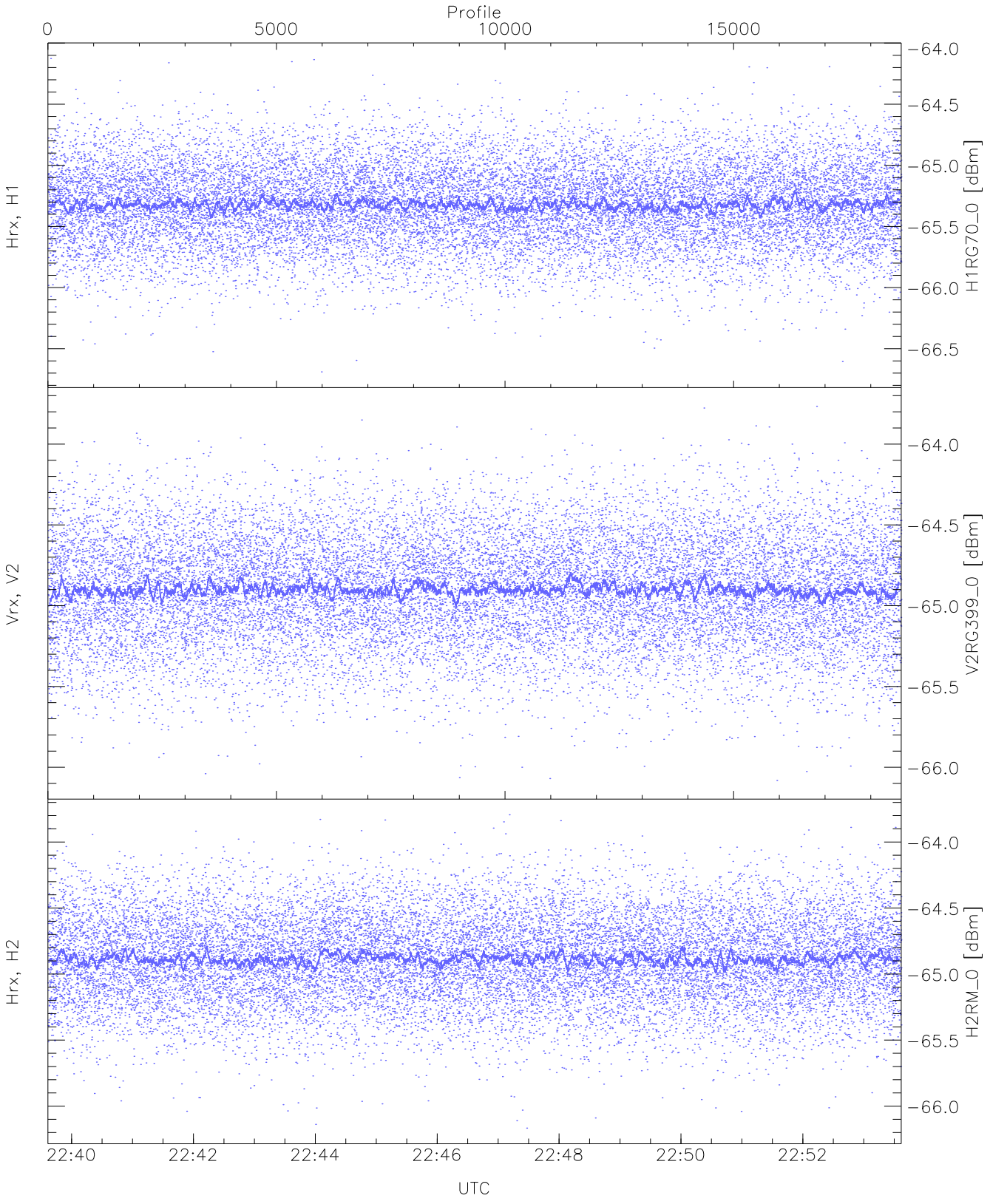
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.98	-63.51	-64.65	-64.66	-76.18
Vrx, V2(HL [dBm])	-65.78	-63.36	-64.64	-64.65	-76.12
Hrx, H2(HL [dBm])	-65.97	-63.42	-64.65	-64.66	-76.15



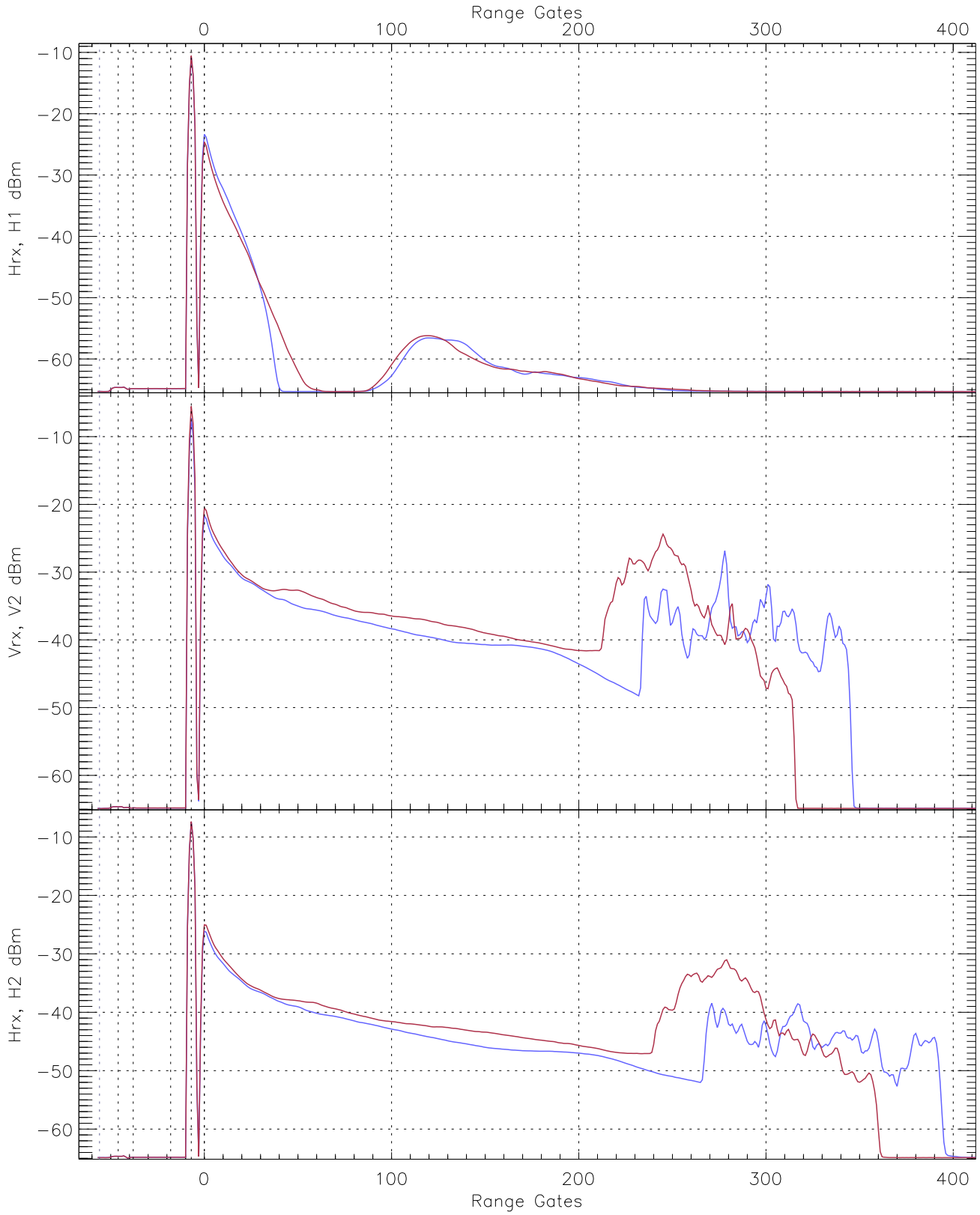
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.60	-64.17	-65.30	-65.31	-76.78
Vrx, V2(RM [dBm])	-66.12	-63.60	-64.89	-64.90	-76.40
Hrx, H2(RM [dBm])	-66.17	-63.79	-64.88	-64.89	-76.37

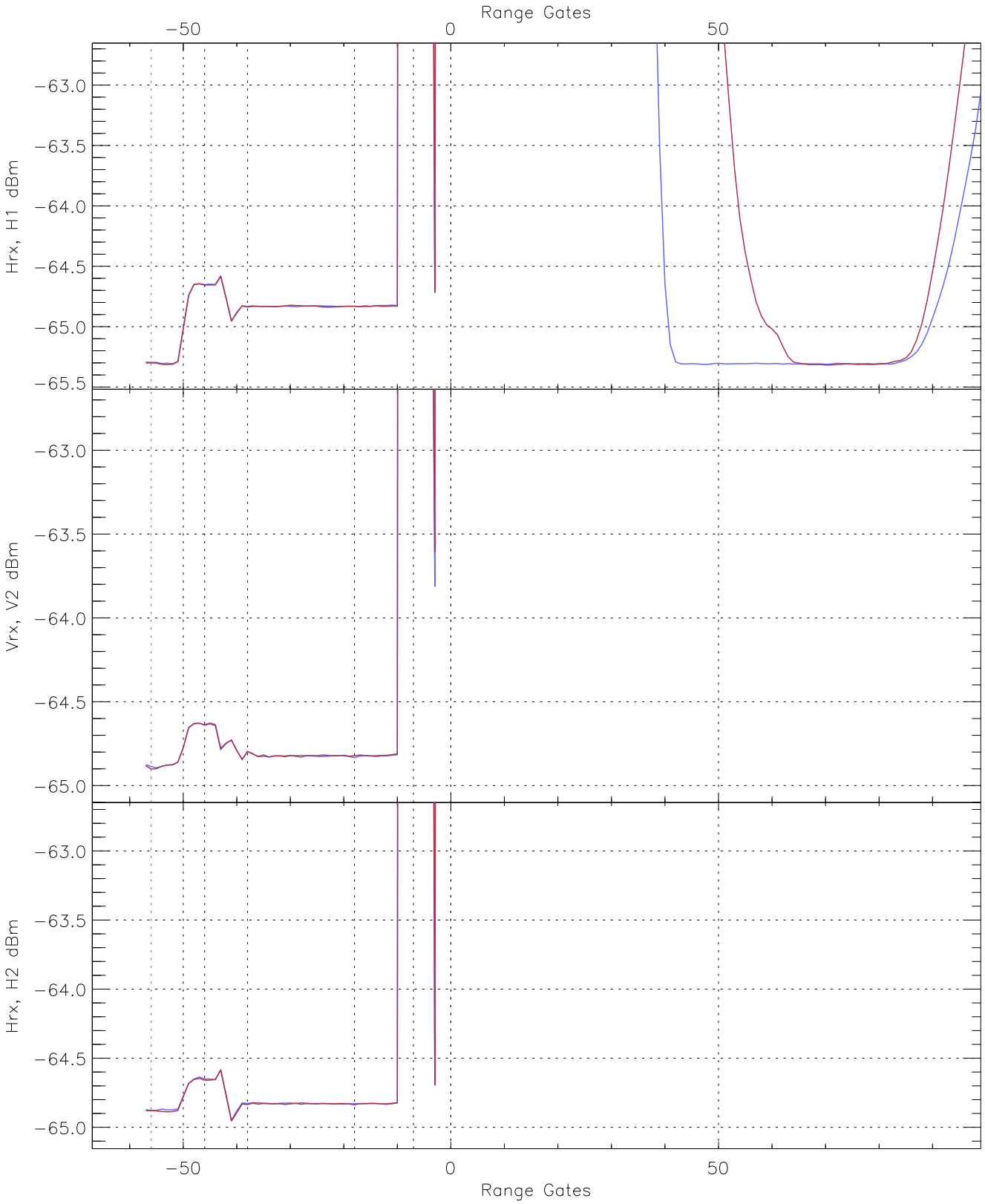


WCR3 CPP "Best" estimate Receivers Noise Power

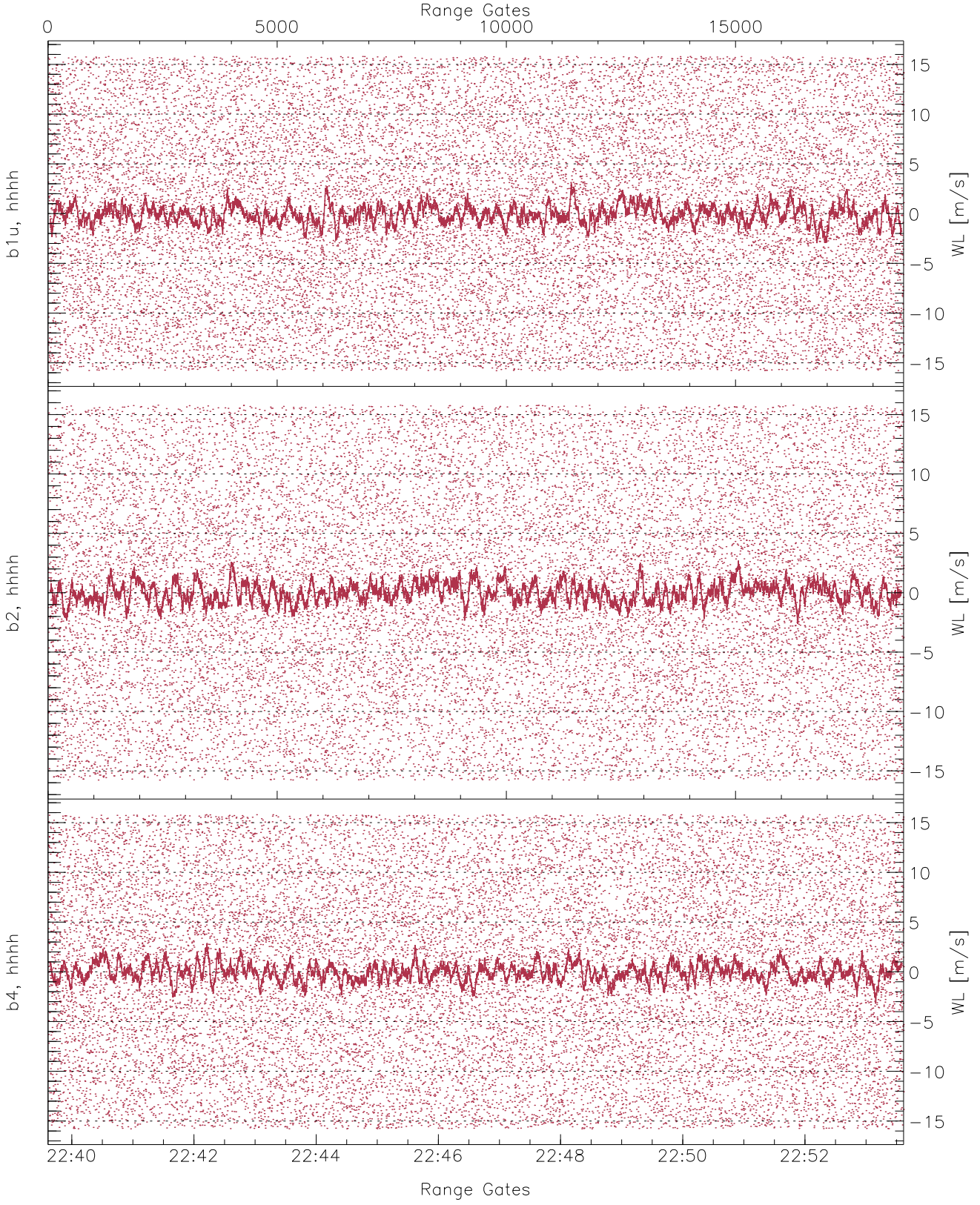
	Min	Max	Mean	Median	StDev
H1RG70_0 [dBm]	-66.69	-64.13	-65.31	-65.32	-76.81
V2RG399_0 [dBm]	-66.08	-63.77	-64.89	-64.90	-76.42
H2RM_0 [dBm]	-66.17	-63.79	-64.88	-64.89	-76.37



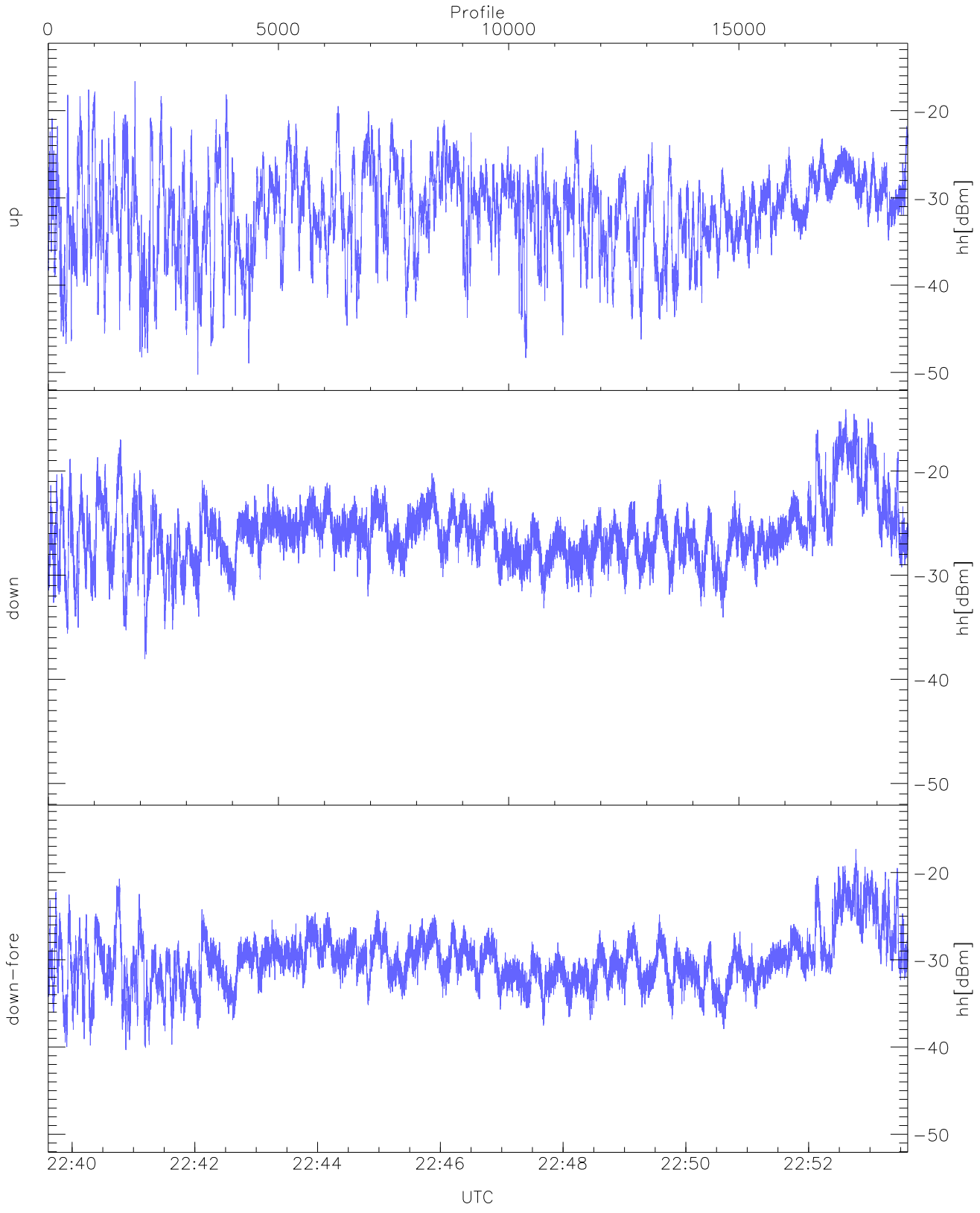
WCR3 CPP Averaged Received power for all recorded gates
blue: 223937-224637, 9335 profiles averaged
red: 224637-225337, 9334 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 223937-224637, 9335 profiles averaged
red: 224637-225337, 9334 profiles averaged

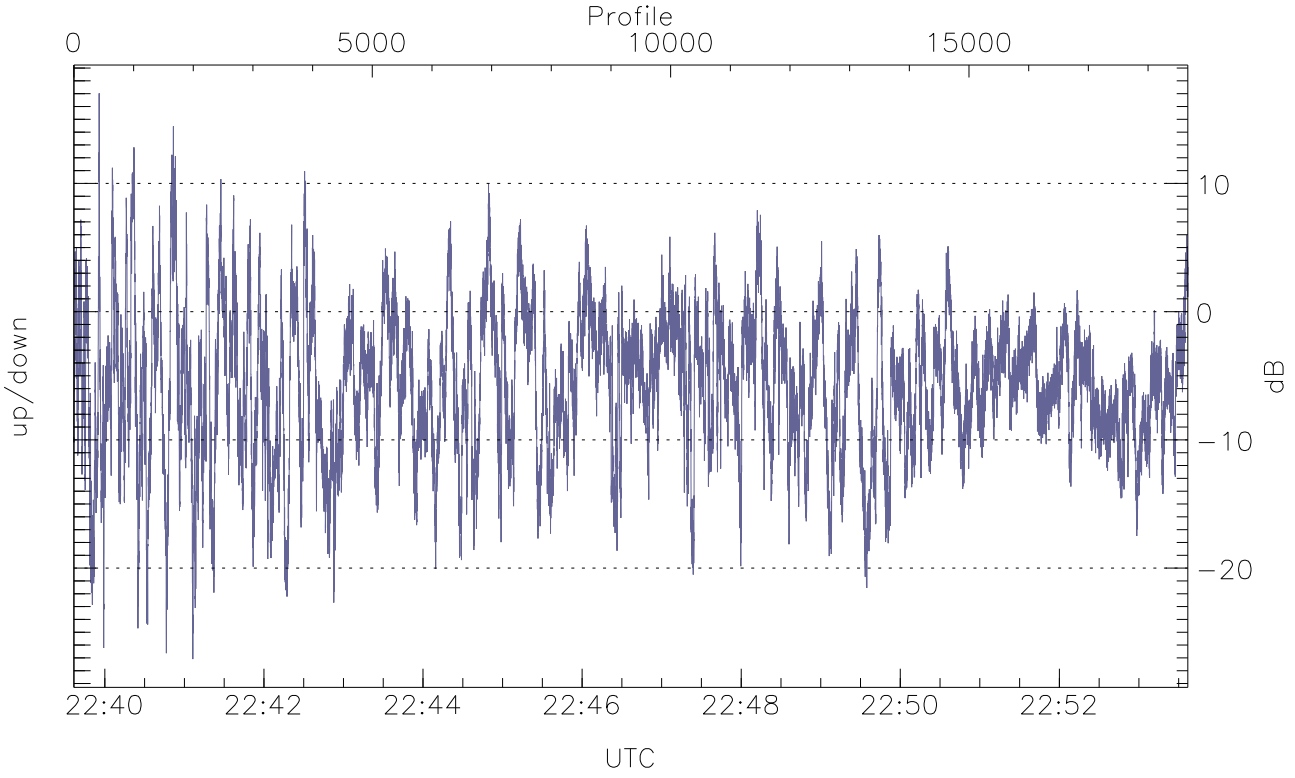


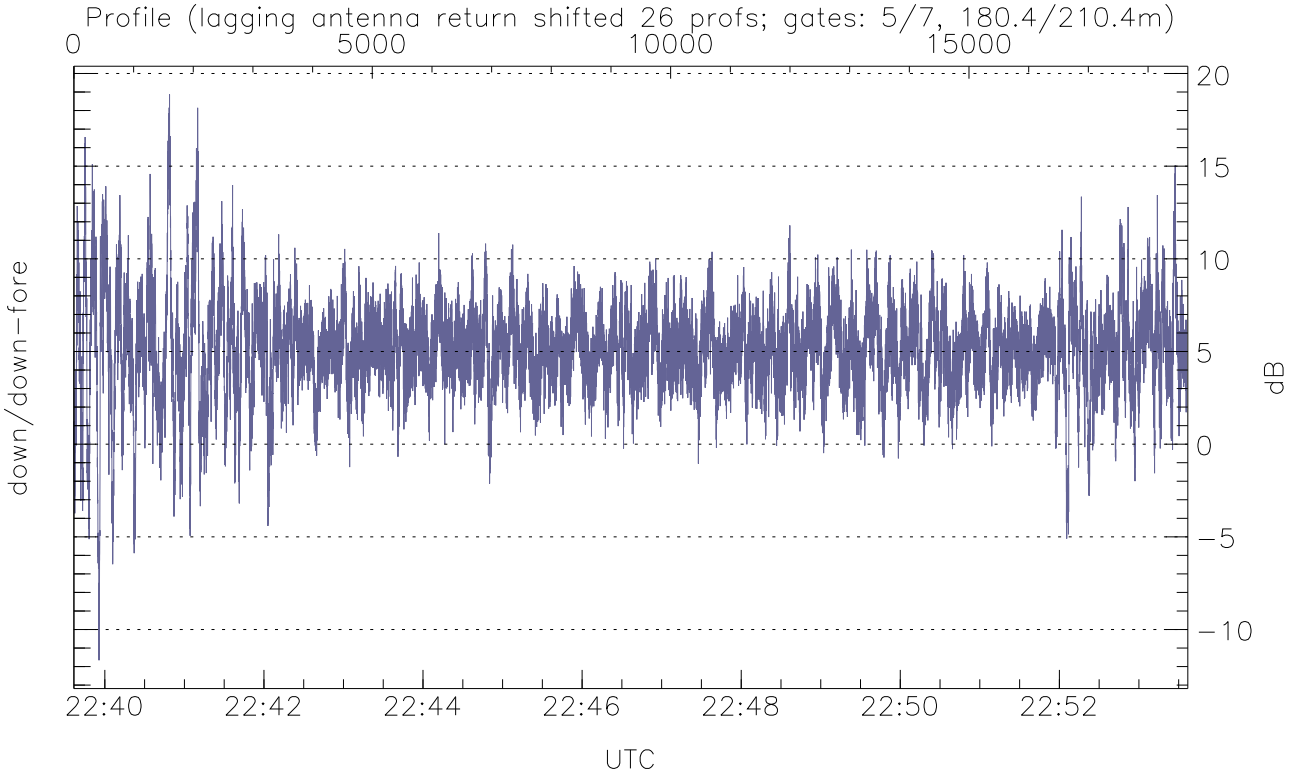
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

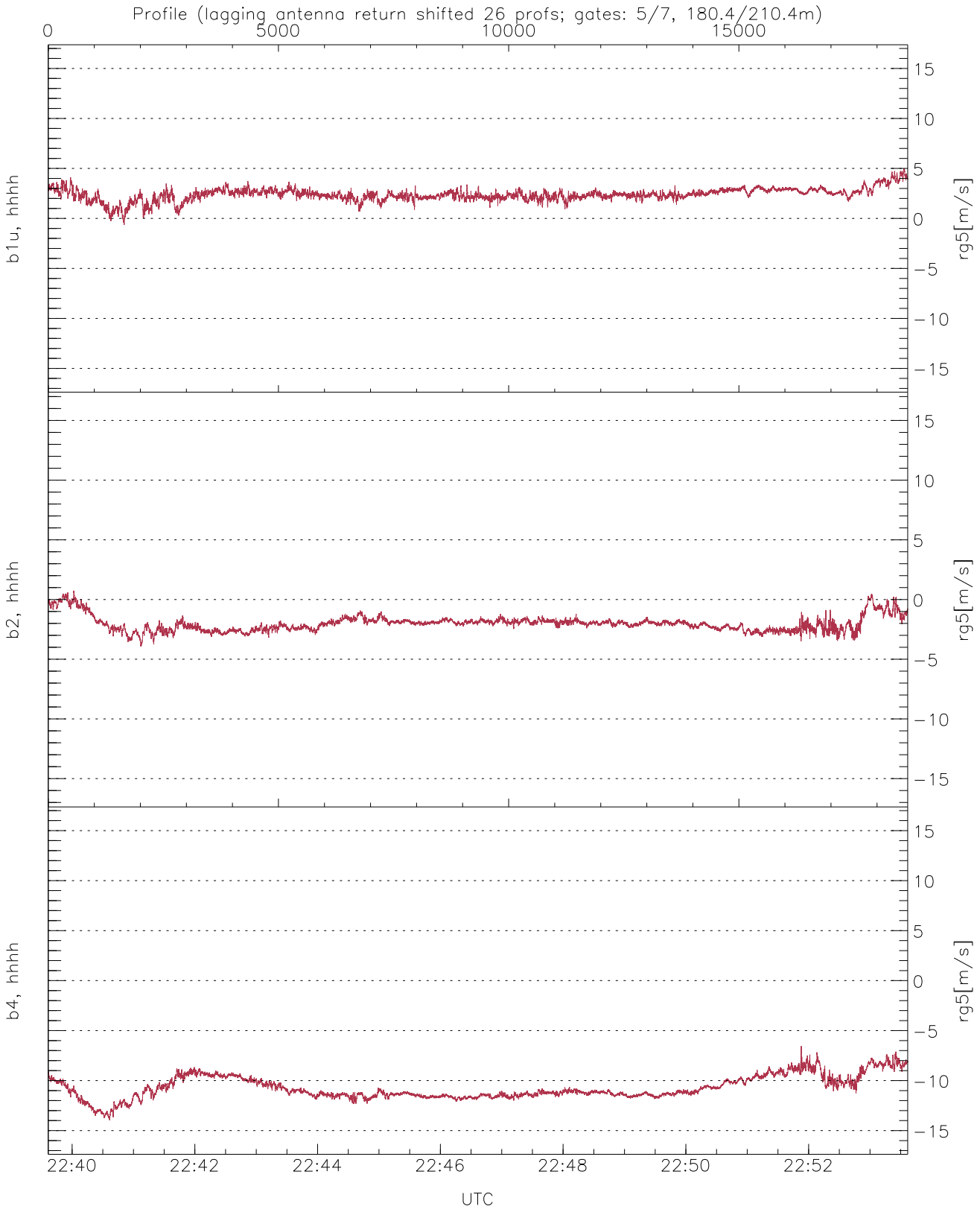
	Min	Max	Mean
up(hh[dBm])	-50.26	-16.63	-29.22
down(hh[dBm])	-38.06	-14.08	-24.78
down-fore(hh[dBm])	-40.34	-17.31	-28.89





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

	Min	Max	Mean
up/down(dB)	-27.09	17.03	-5.75
down/down-fore(dB)	-11.66	18.87	5.14



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-0.63	4.98	2.39	0.63
b2, hhhh(rg5[m/s])	-3.93	0.74	-2.01	0.66
b4, hhhh(rg5[m/s])	-13.96	-6.55	-10.72	1.15