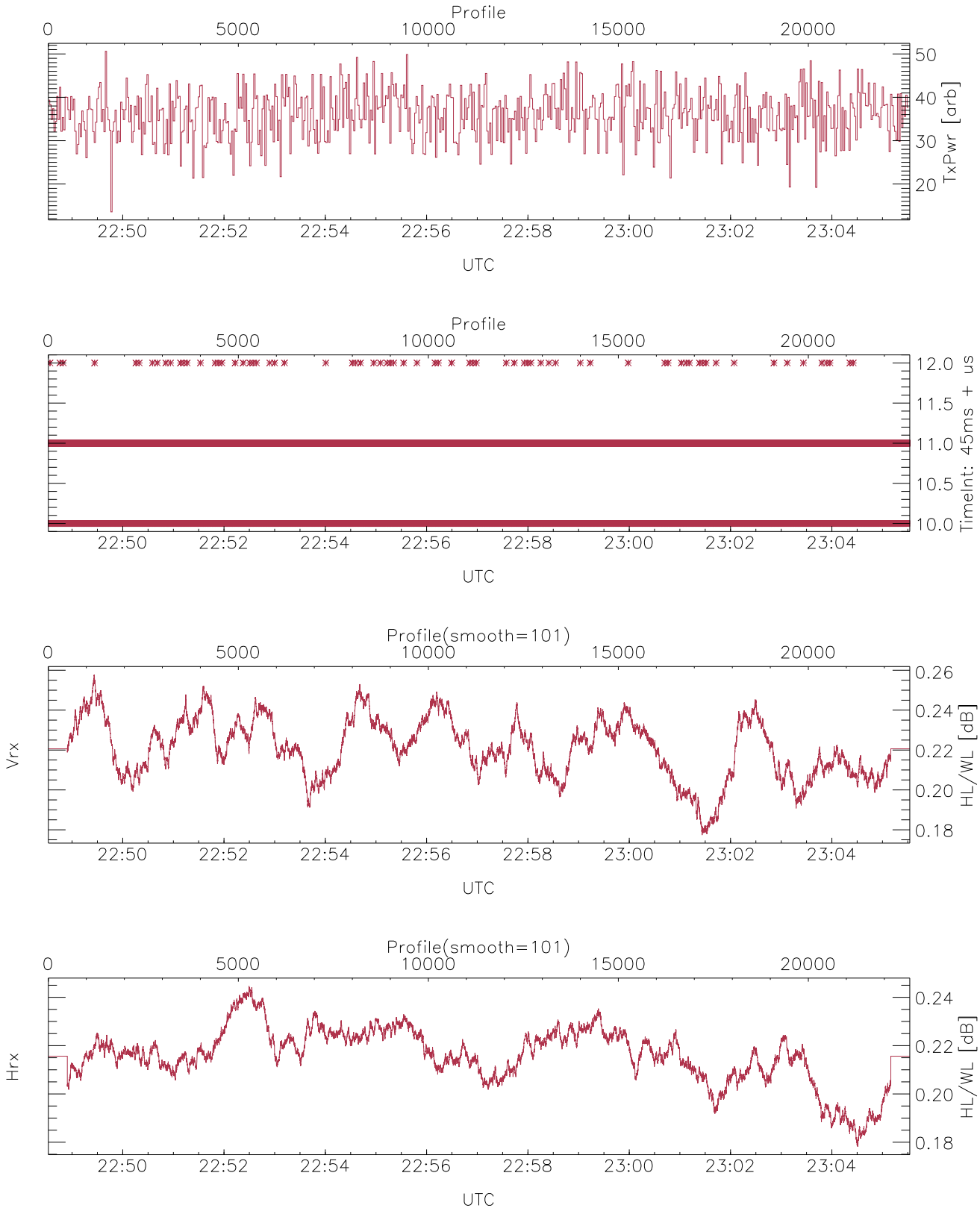
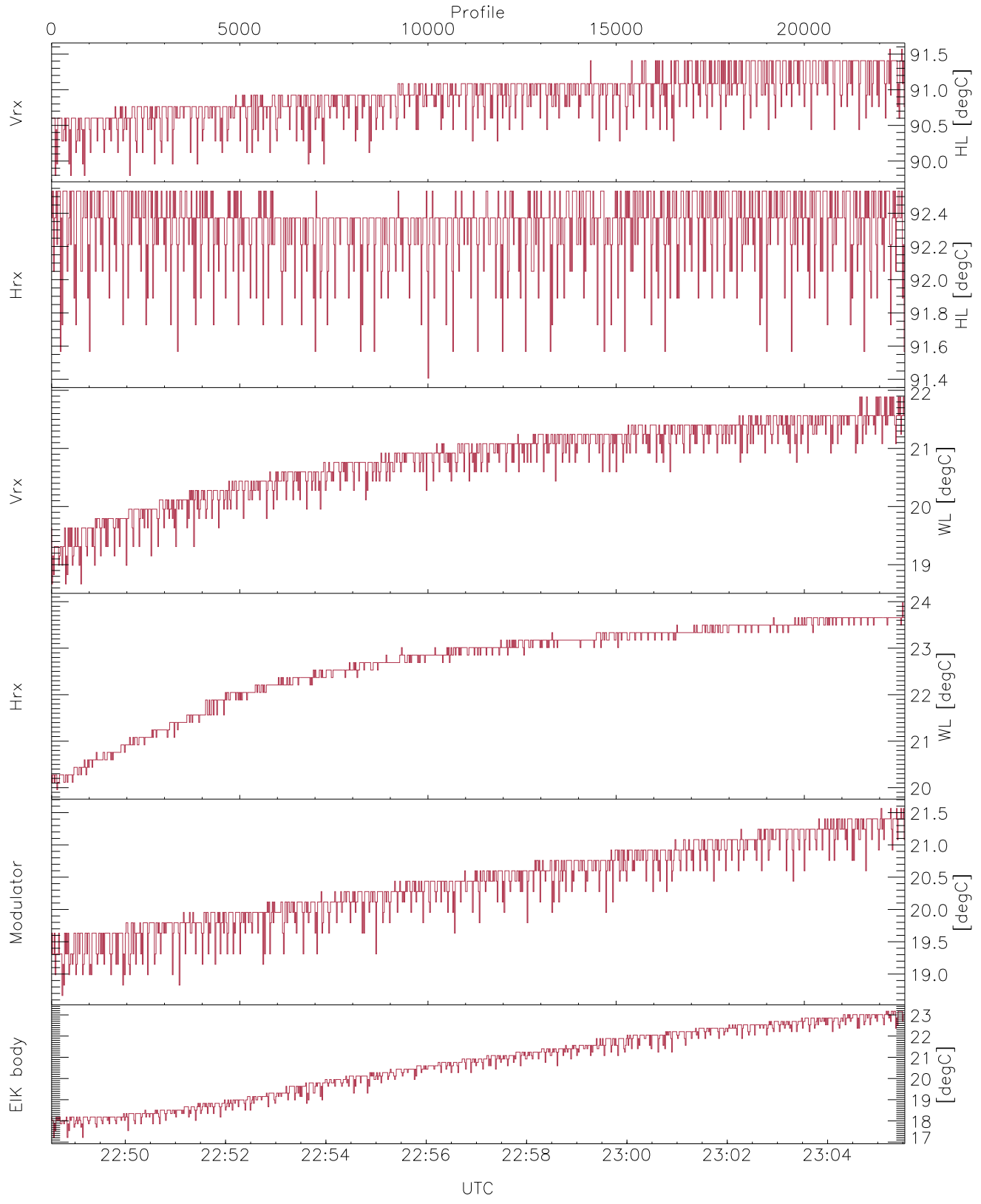


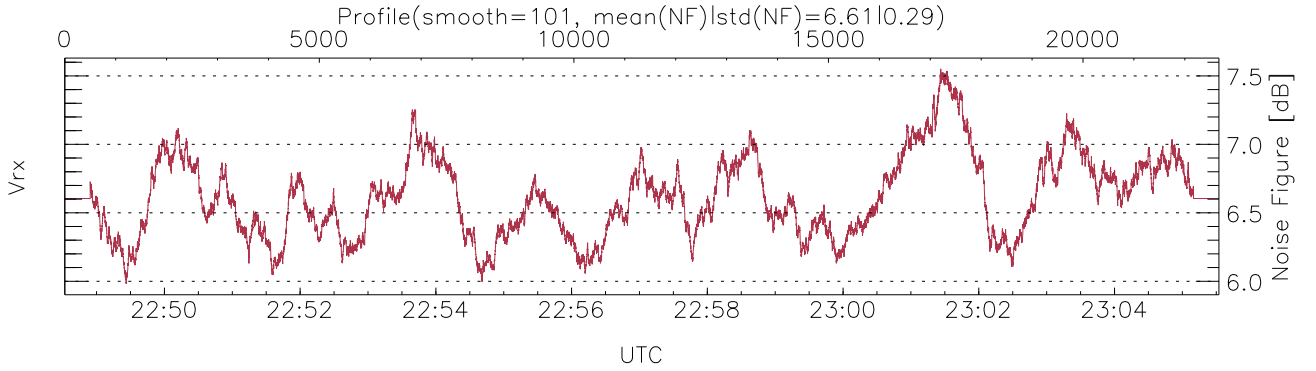
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

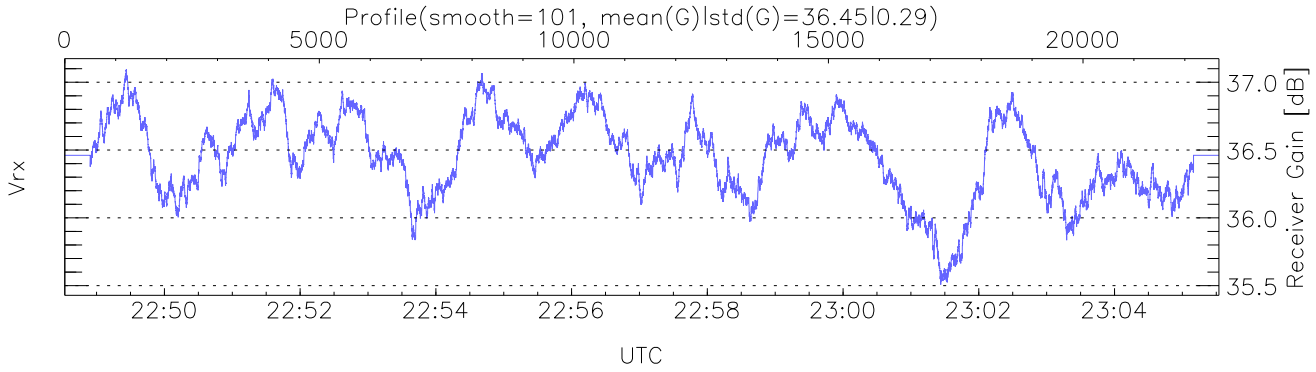
UTC: 22:48:32-23:05:32, TimeCor: 0.00s, Dur: 1020.45s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
NumRec(r/t): 22672/22672, 0-22671/22:48:32-23:05:32
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: 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

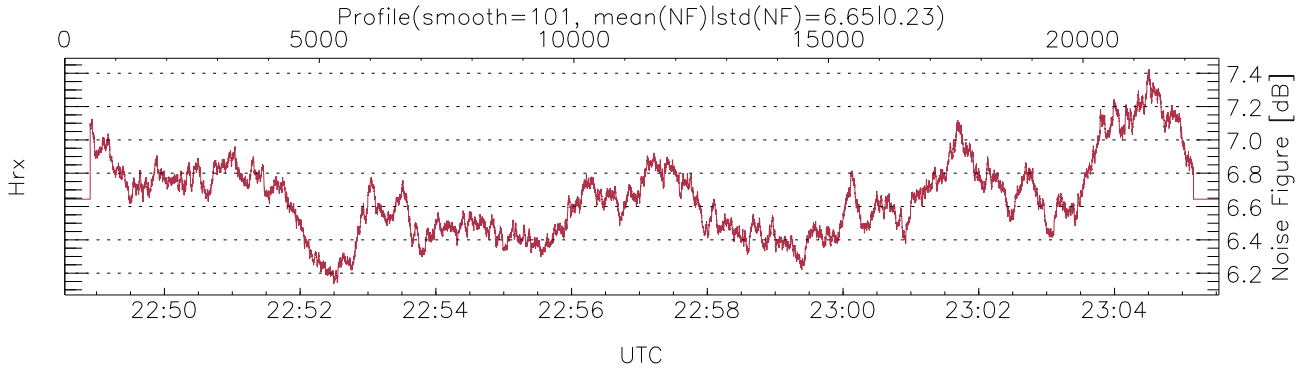


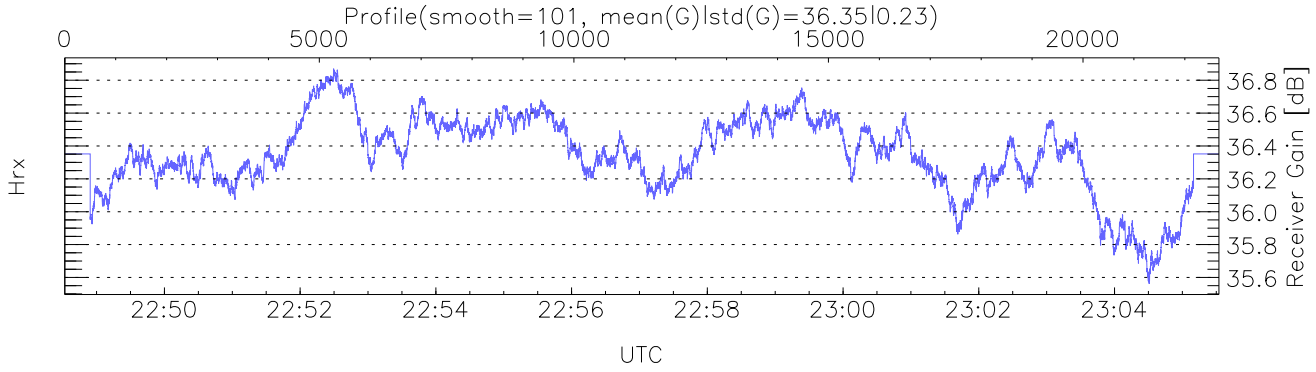
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 89,91,18,19,18,17
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,21,23,21,23
LOalarm(20,240,2817,14861 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (68,92,92,92,92,92)



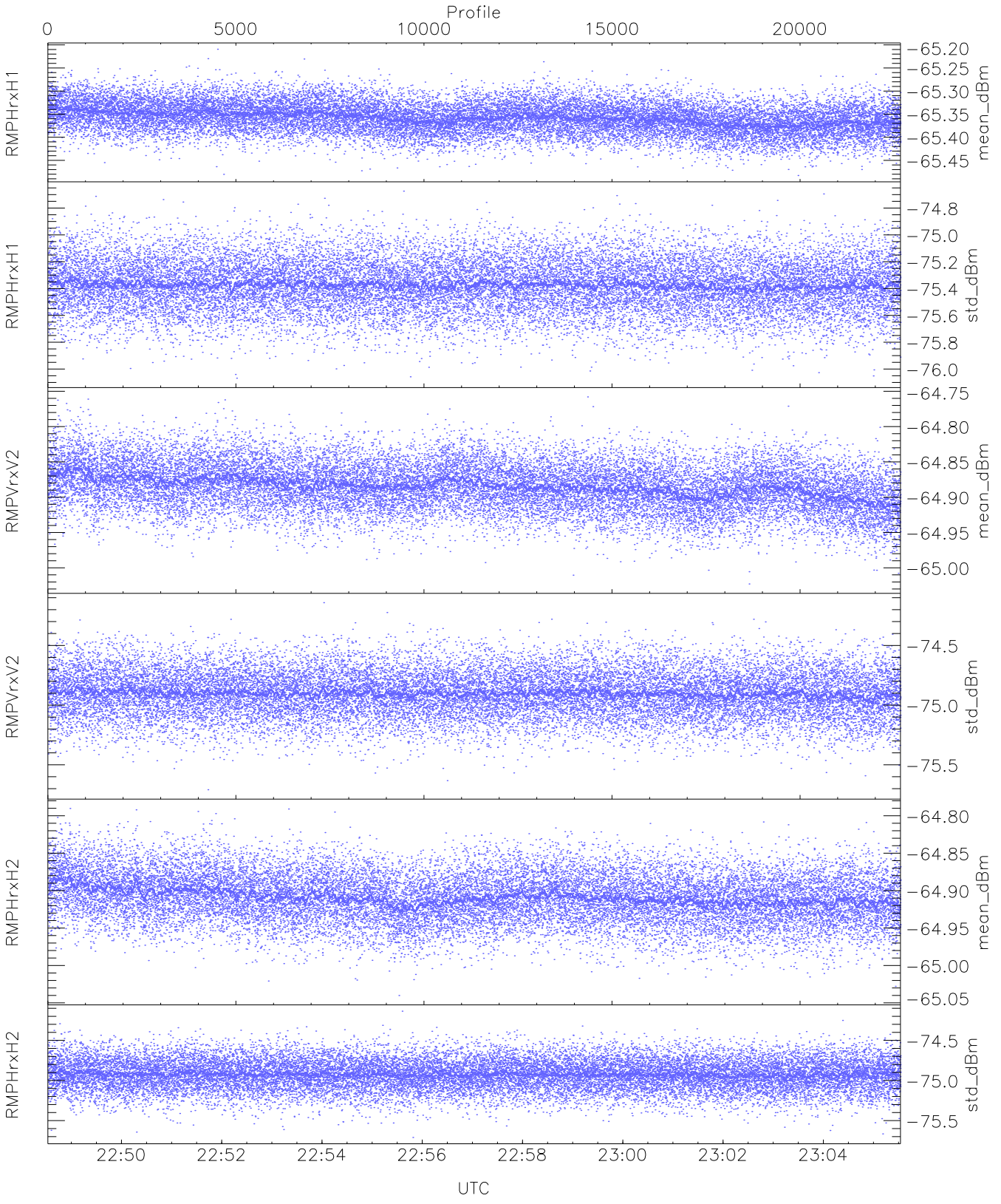






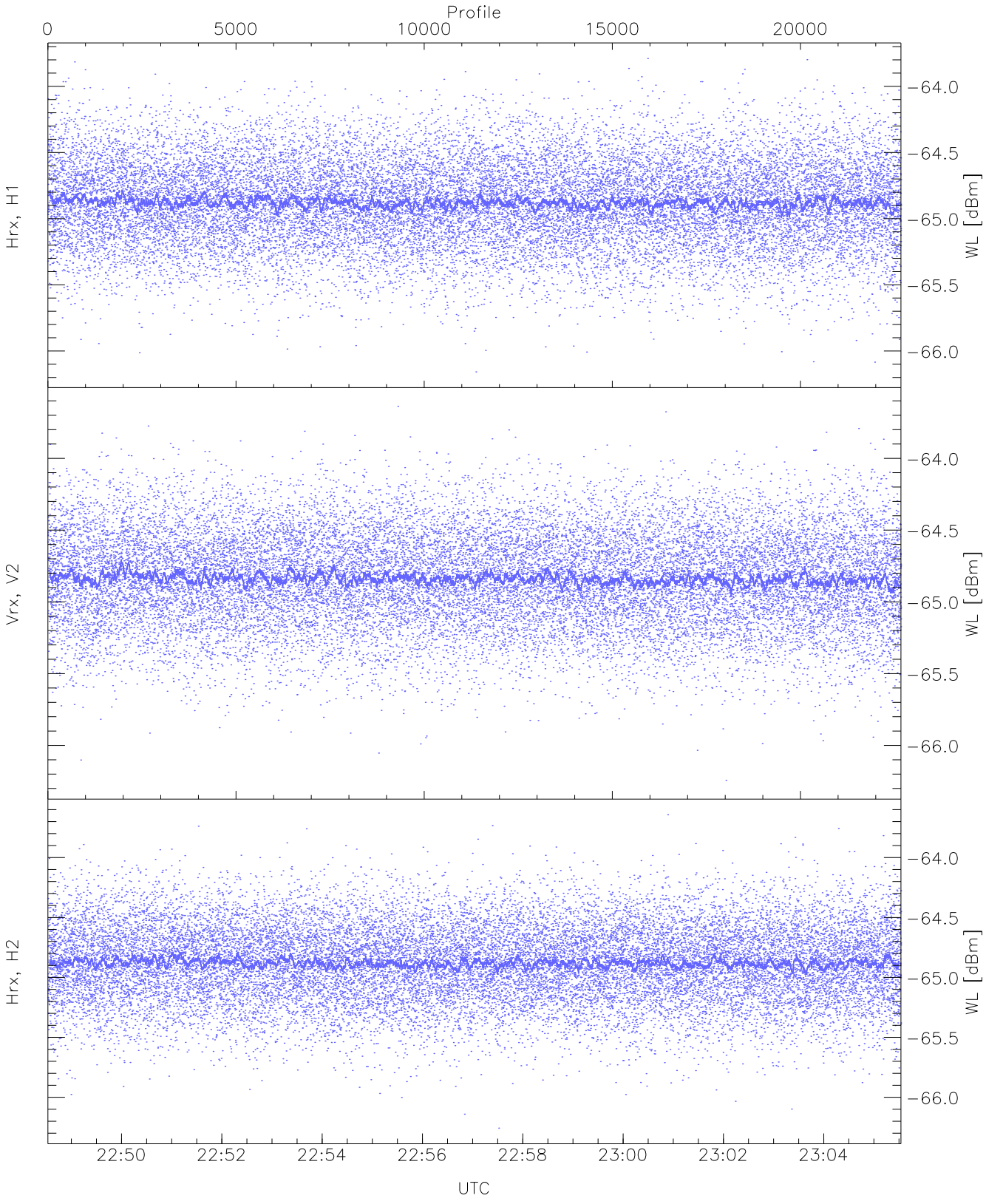
WCR3 CPP Receivers Gain and Noise Figure

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



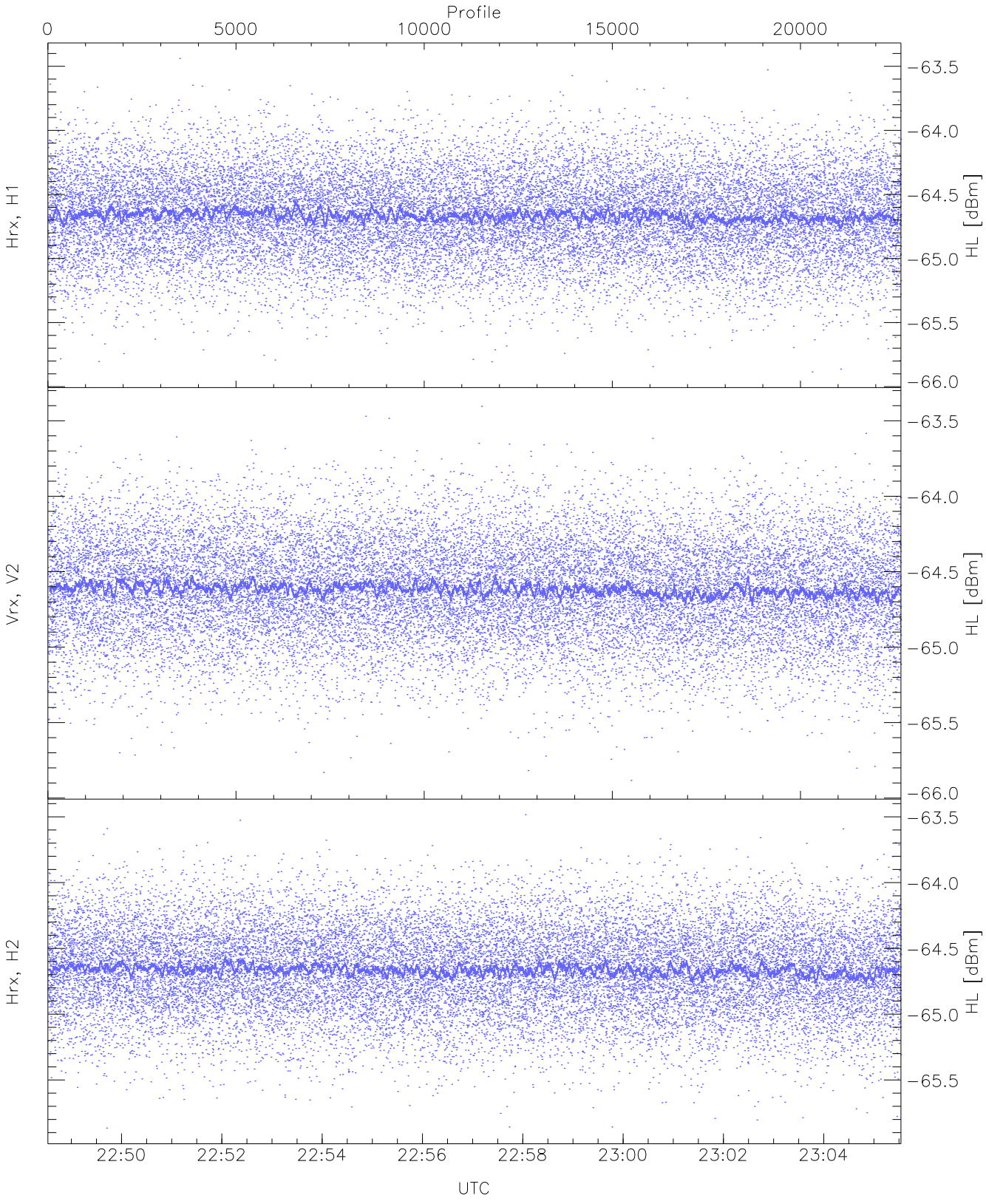
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.48	-65.21	-65.36	-65.36	-86.70
RMPHrxH1(std_dBm)	-76.07	-74.67	-75.37	-75.38	-89.18
RMPVrxV2(mean_dBm)	-65.02	-64.76	-64.89	-64.89	-86.21
RMPVrxV2(std_dBm)	-75.71	-74.14	-74.90	-74.90	-88.69
RMPHrxH2(mean_dBm)	-65.04	-64.79	-64.91	-64.91	-86.33
RMPHrxH2(std_dBm)	-75.71	-74.14	-74.92	-74.93	-88.74



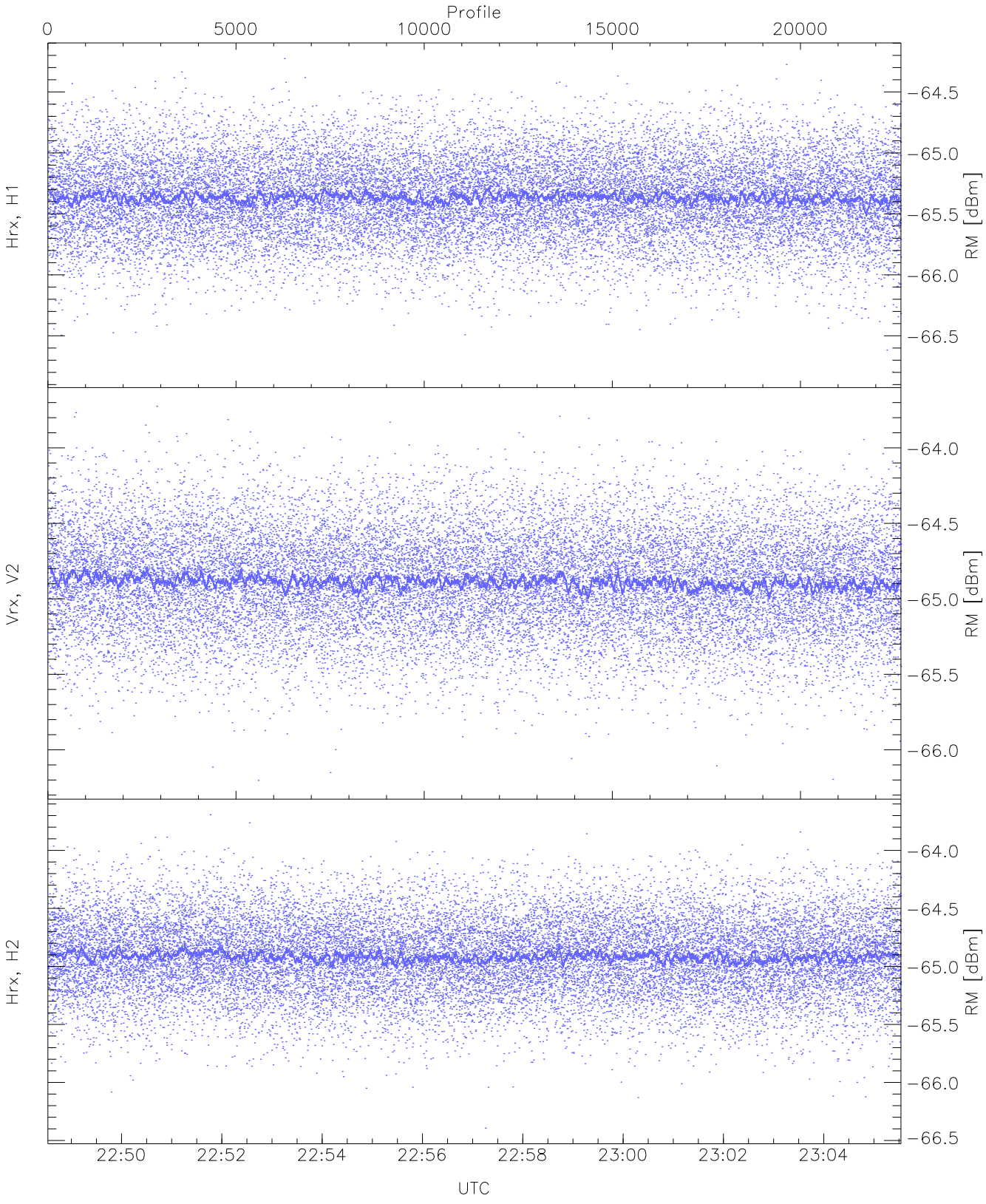
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.16	-63.79	-64.87	-64.88	-76.40
Vrx, V2(WL [dBm])	-66.24	-63.64	-64.83	-64.84	-76.27
Hrx, H2(WL [dBm])	-66.26	-63.64	-64.87	-64.88	-76.39



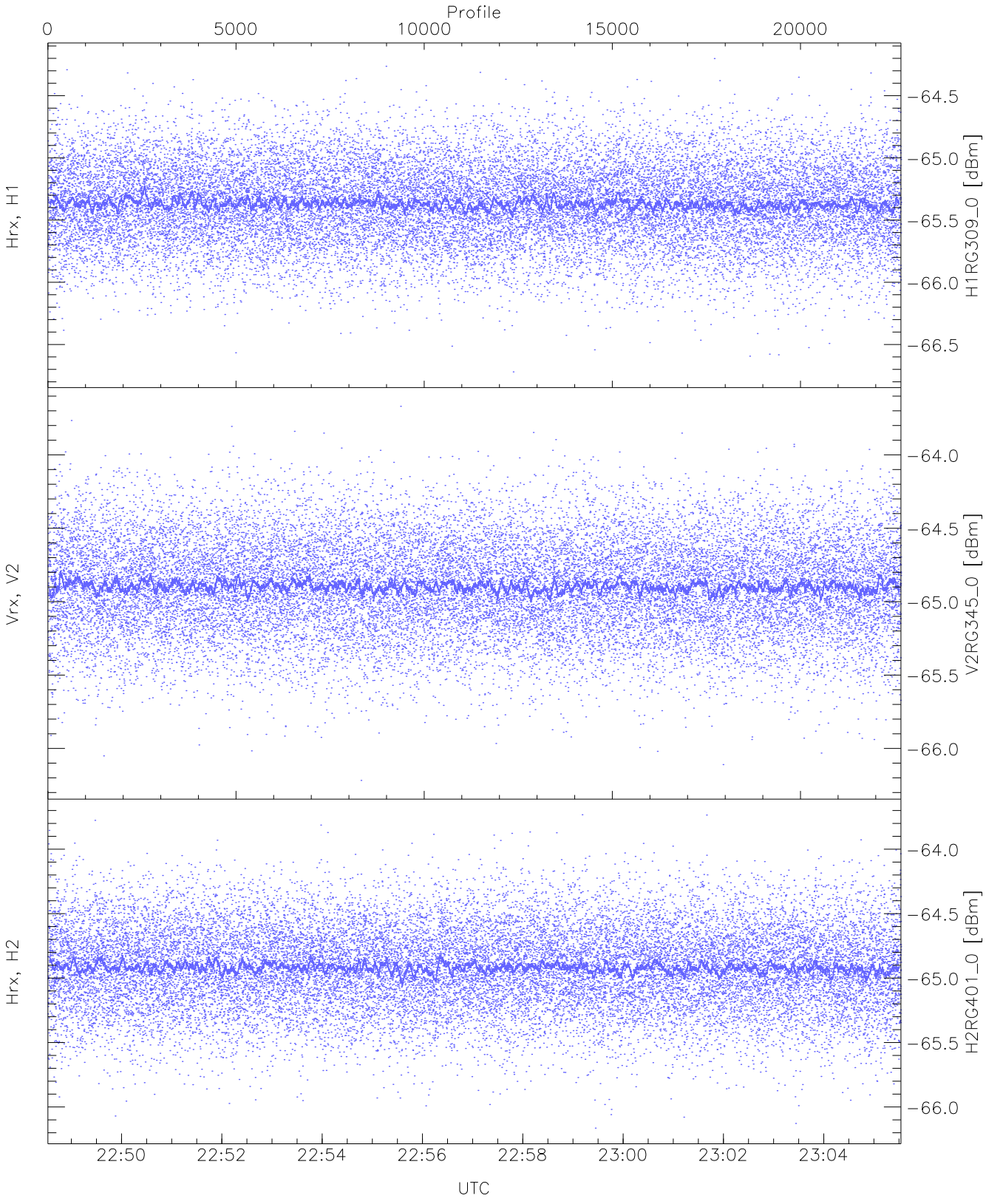
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.89	-63.44	-64.66	-64.67	-76.13
Vrx, V2(HL [dBm])	-65.88	-63.40	-64.61	-64.62	-76.16
Hrx, H2(HL [dBm])	-65.87	-63.48	-64.66	-64.66	-76.16



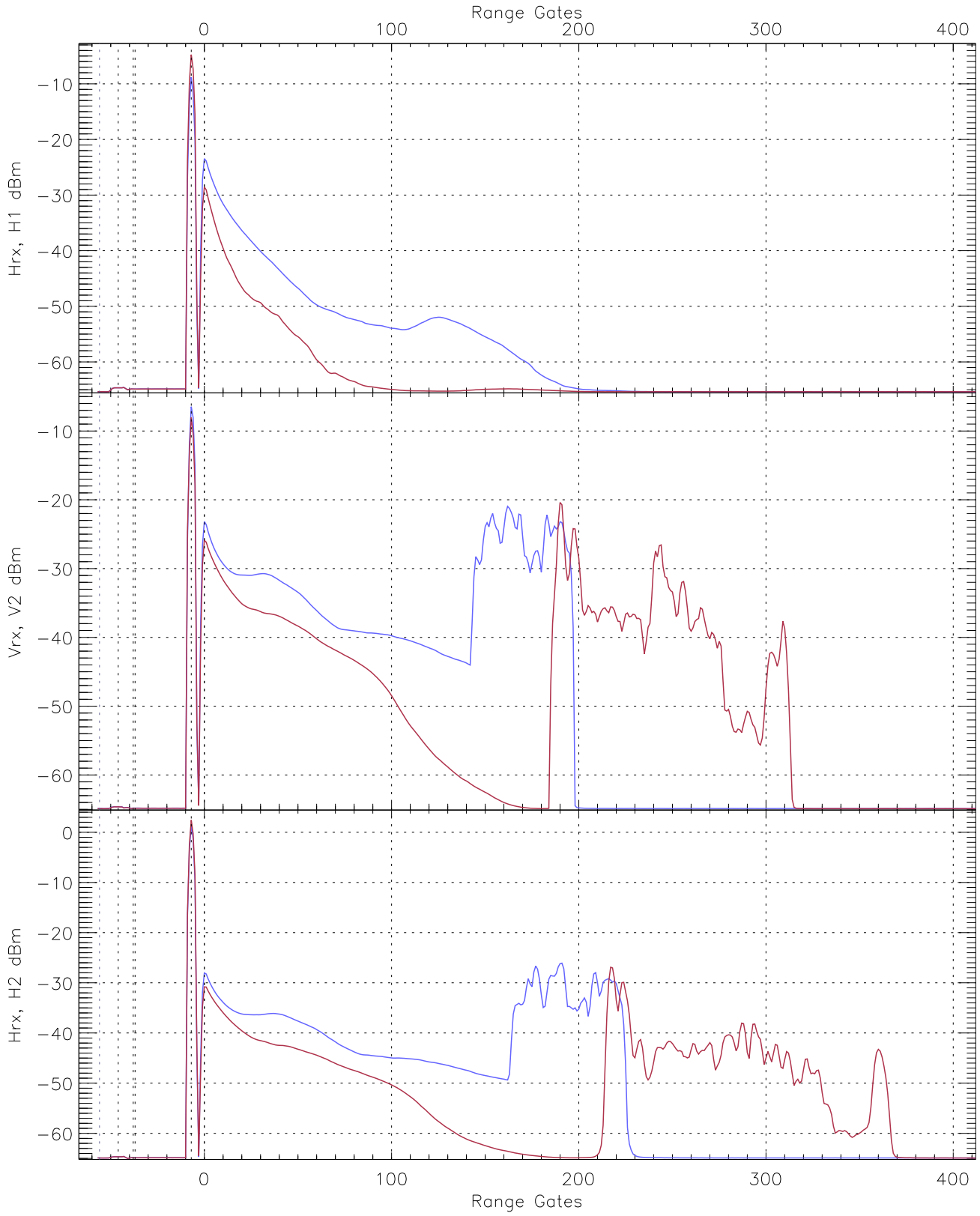
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.80	-64.23	-65.36	-65.37	-76.88
Vrx, V2(RM [dBm])	-66.20	-63.72	-64.88	-64.89	-76.38
Hrx, H2(RM [dBm])	-66.39	-63.69	-64.91	-64.92	-76.37

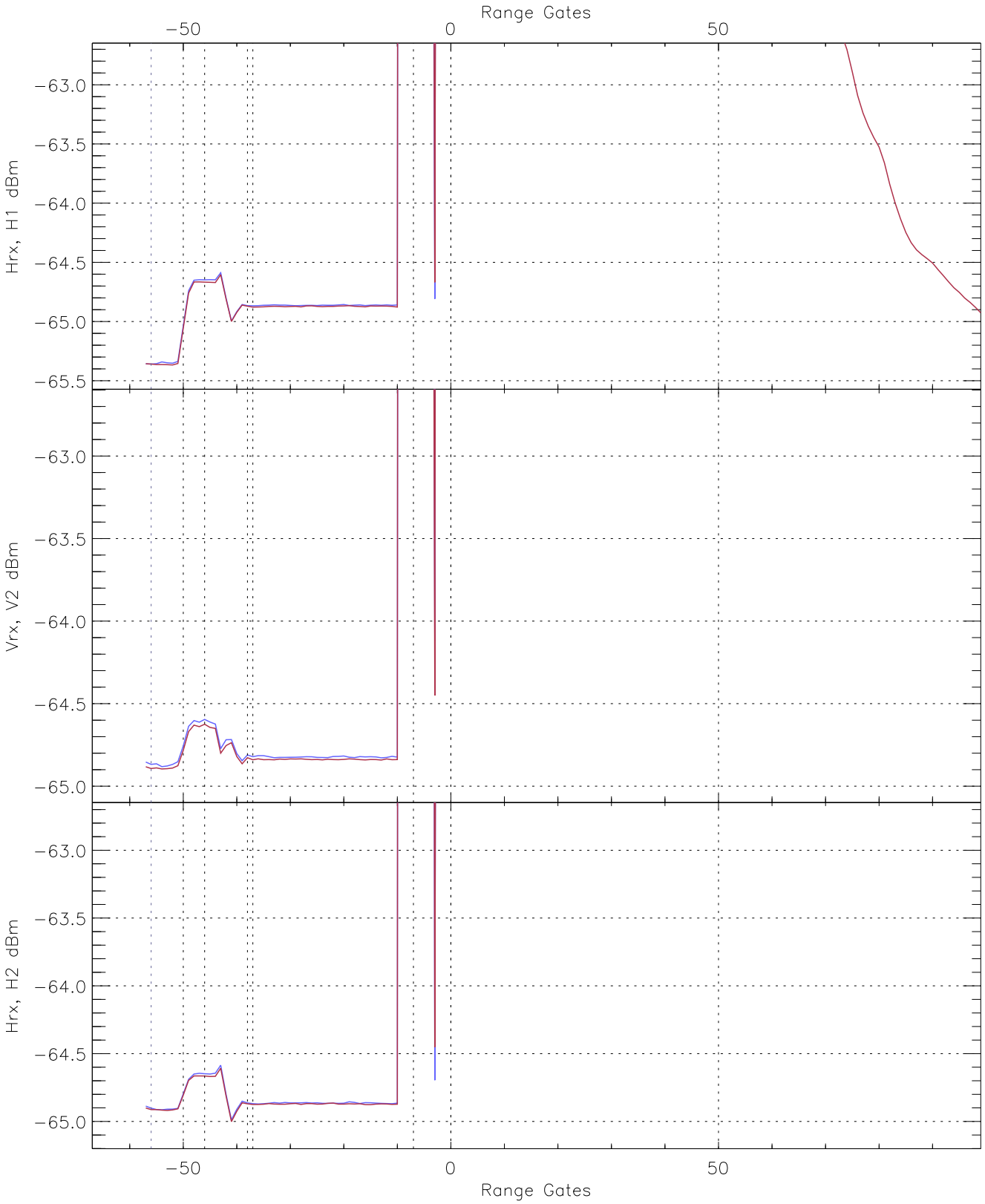


WCR3 CPP "Best" estimate Receivers Noise Power

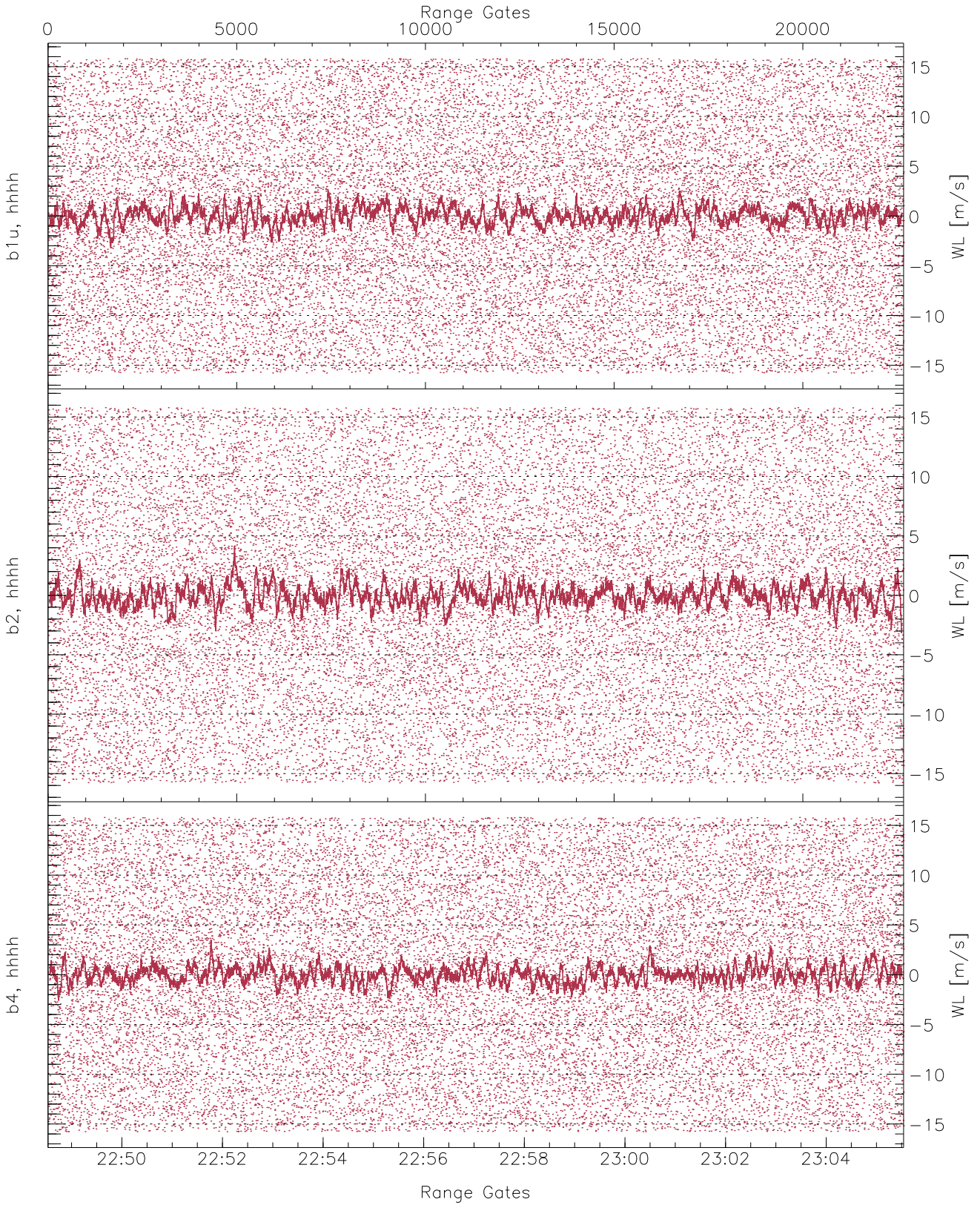
	Min	Max	Mean	Median	StDev
H1RG309_0 [dBm]	-66.72	-64.20	-65.36	-65.37	-76.87
V2RG345_0 [dBm]	-66.22	-63.67	-64.89	-64.90	-76.43
H2RG401_0 [dBm]	-66.16	-63.73	-64.91	-64.92	-76.43



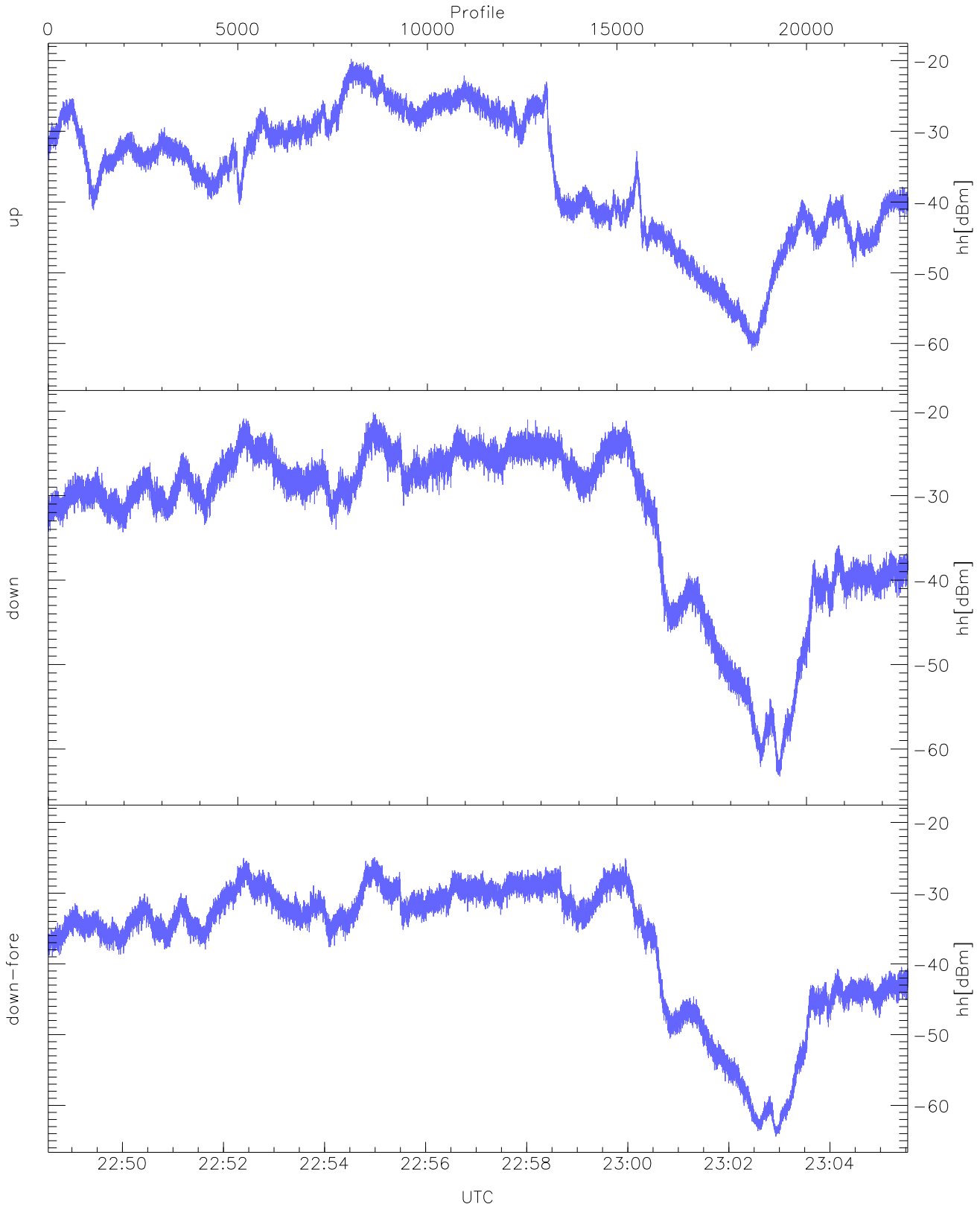
WCR3 CPP Averaged Received power for all recorded gates
blue: 224832-225702, 11337 profiles averaged
red: 225702-230532, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 224832-225702, 11337 profiles averaged
red: 225702-230532, 11336 profiles averaged

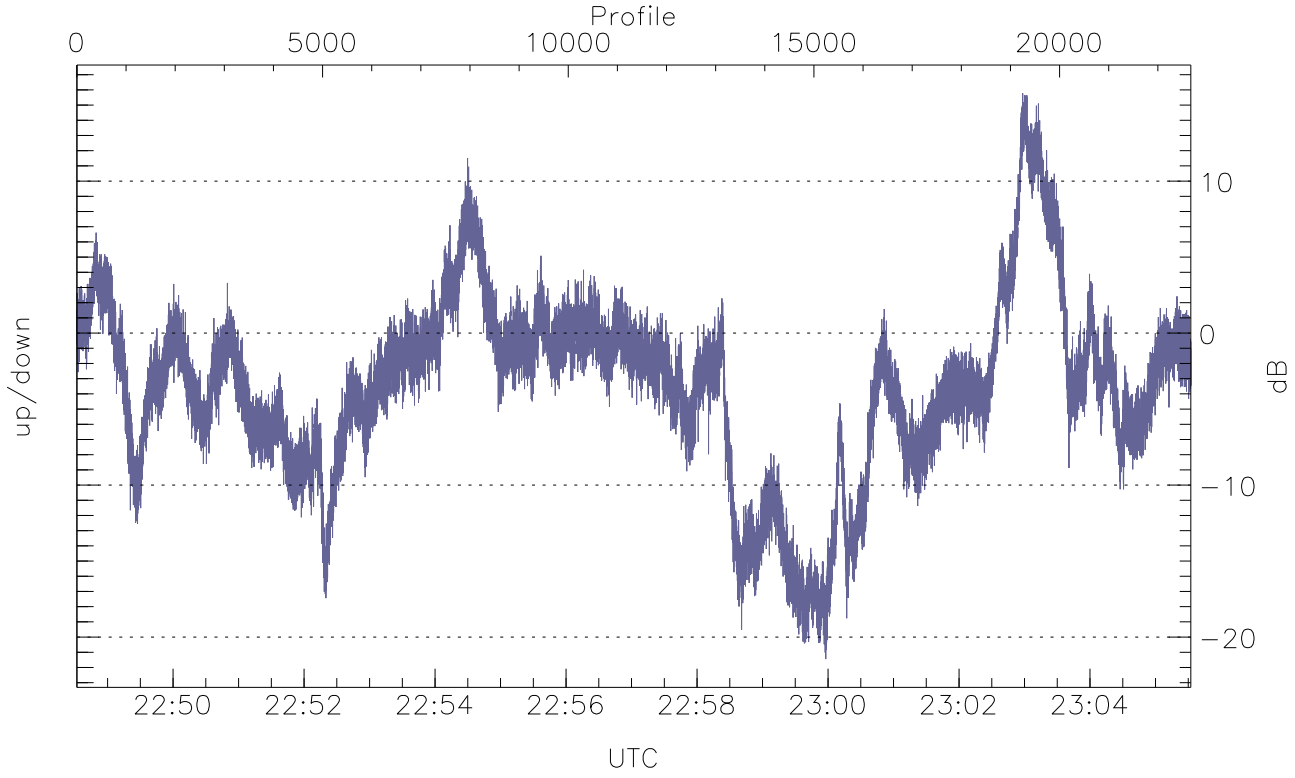


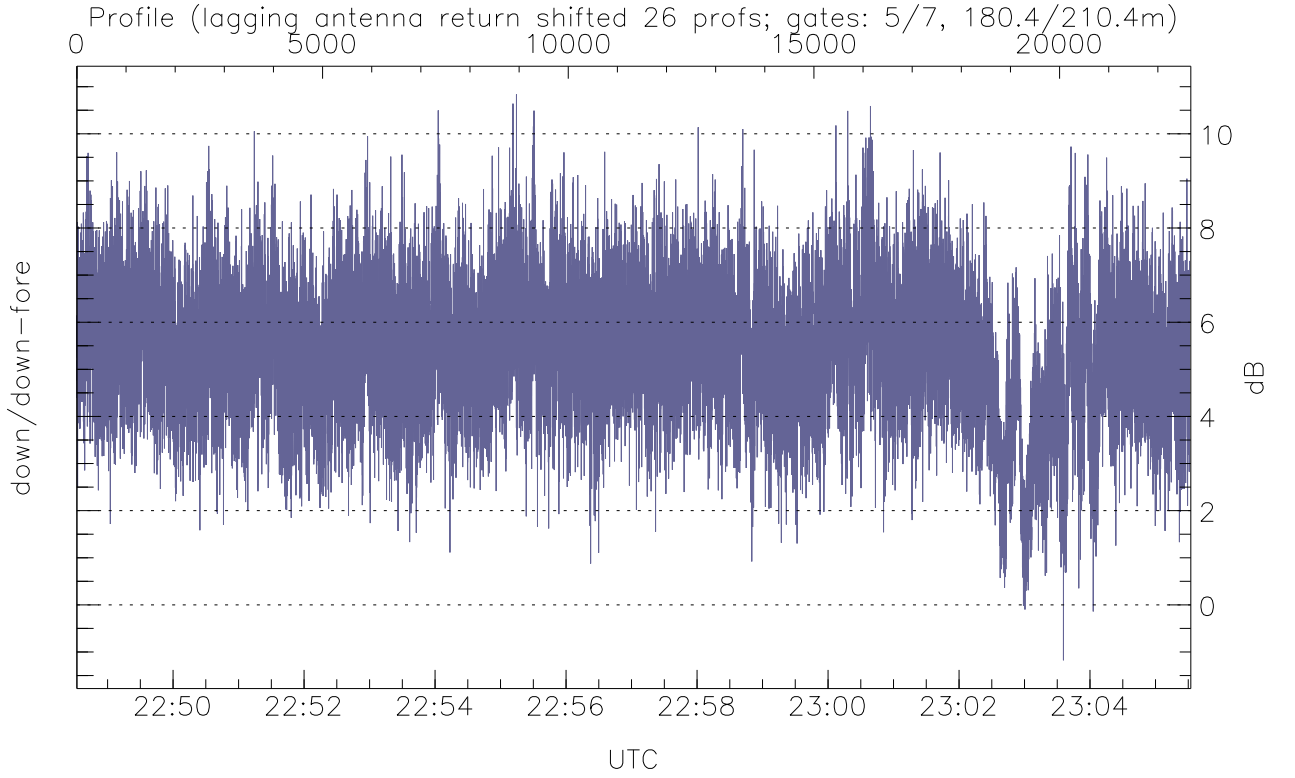
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

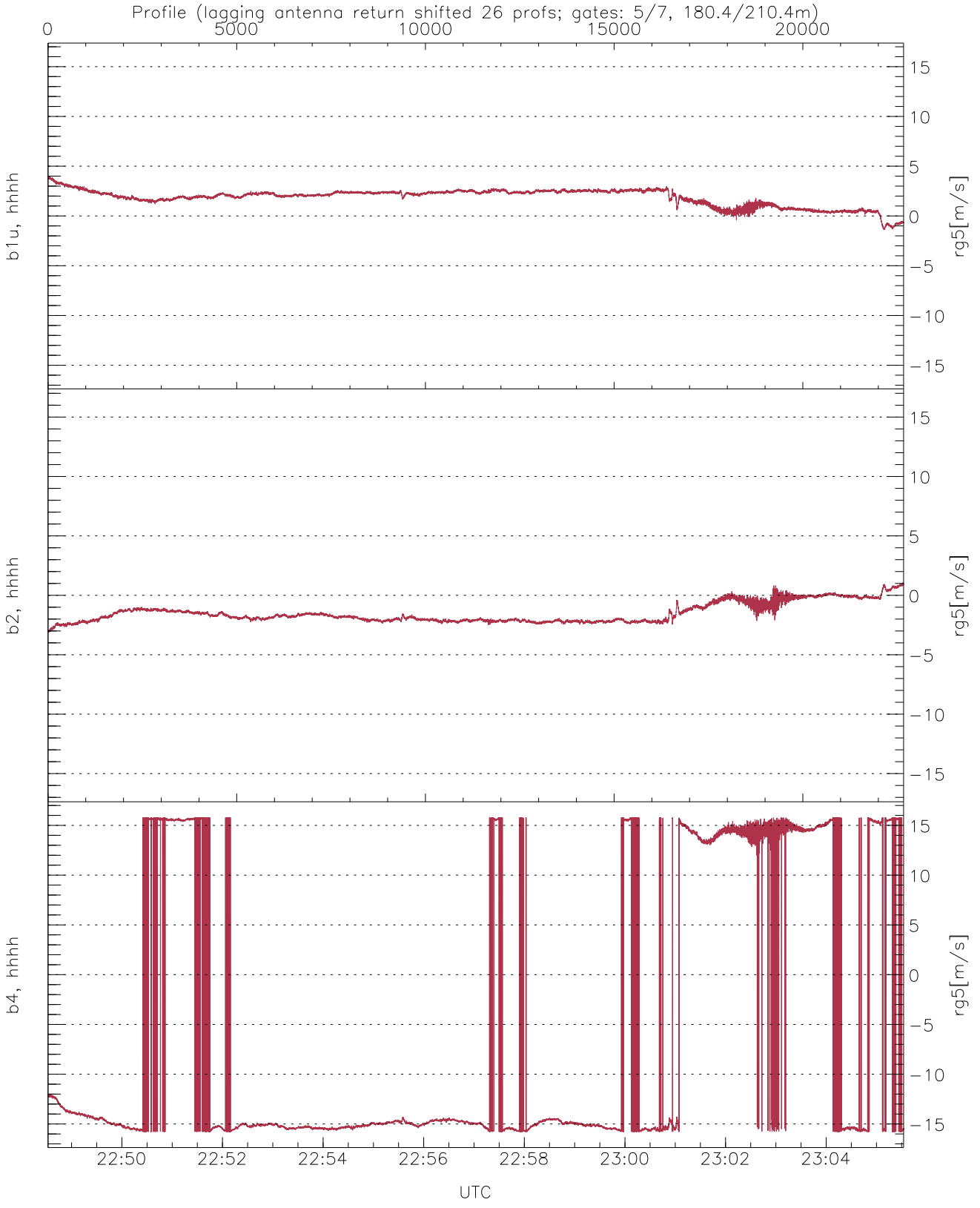
	Min	Max	Mean
up(hh[dBm])	-61.03	-19.78	-30.05
down(hh[dBm])	-63.24	-20.15	-27.85
down-fore(hh[dBm])	-64.41	-24.92	-32.33





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

	Min	Max	Mean
up/down(dB)	-21.45	15.78	-3.50
down/down-fore(dB)	-1.18	10.83	5.42



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-1.39	3.97	1.85	0.88
b2, hhhh(rg5[m/s])	-3.14	1.08	-1.50	0.83
b4, hhhh(rg5[m/s])	-15.79	15.79	-5.55	13.99