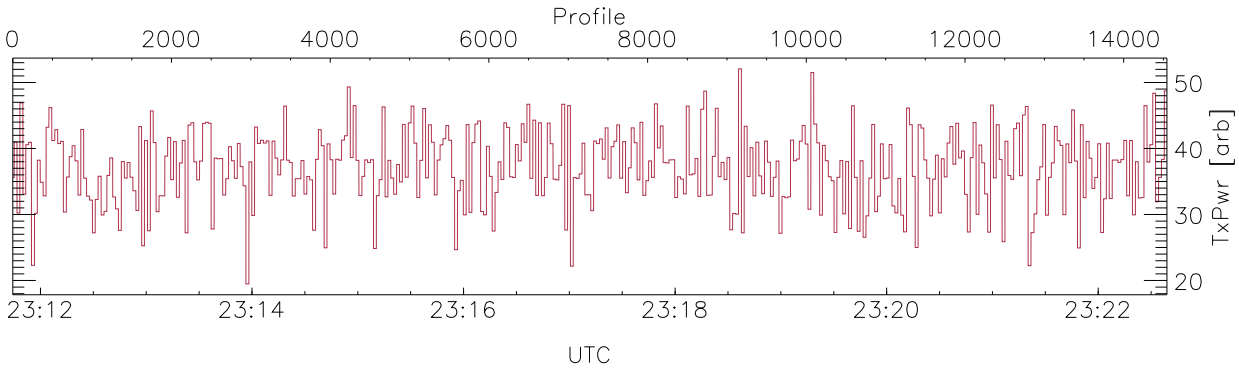
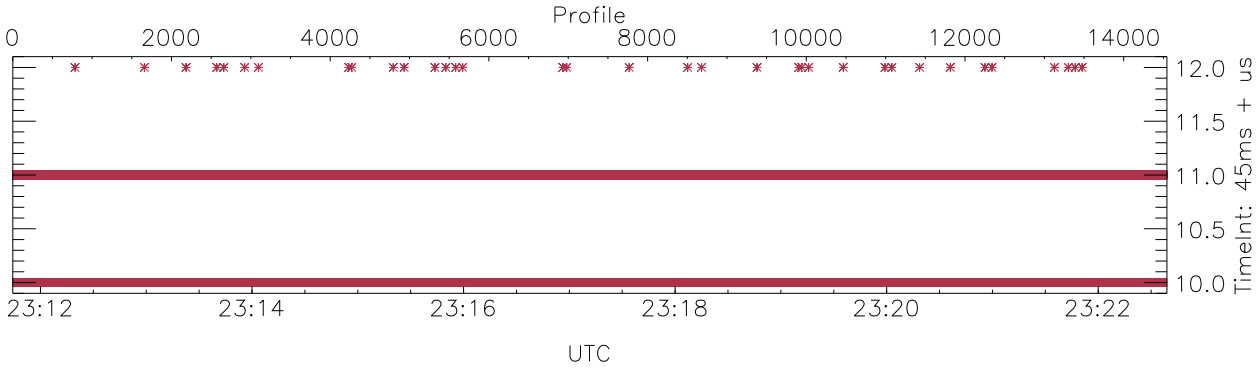
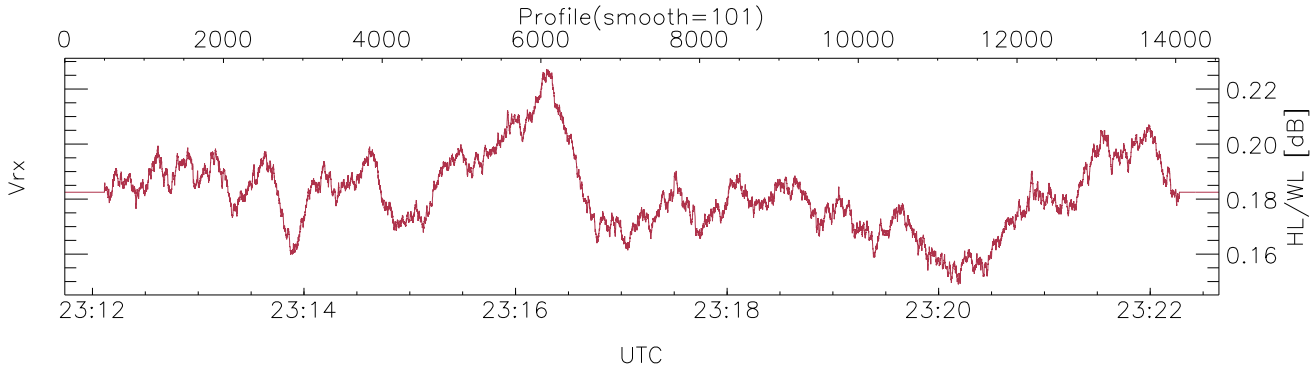
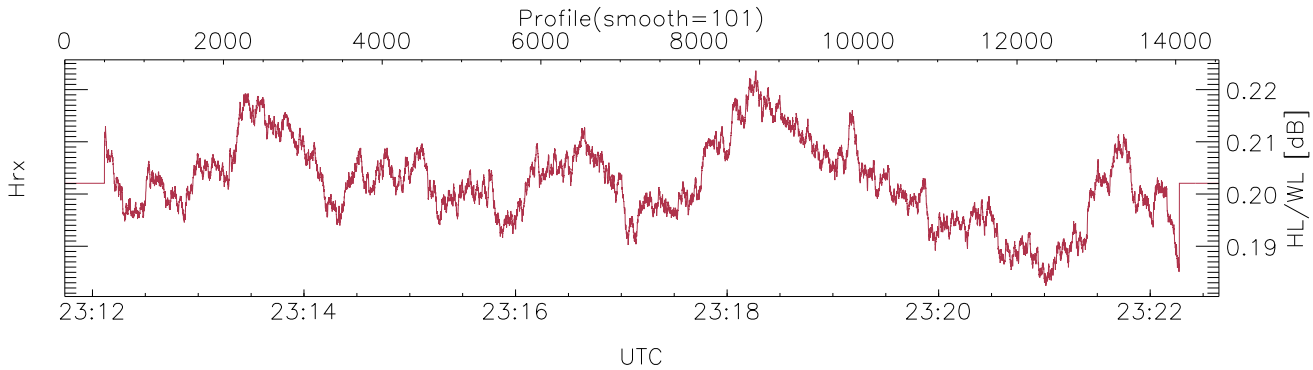


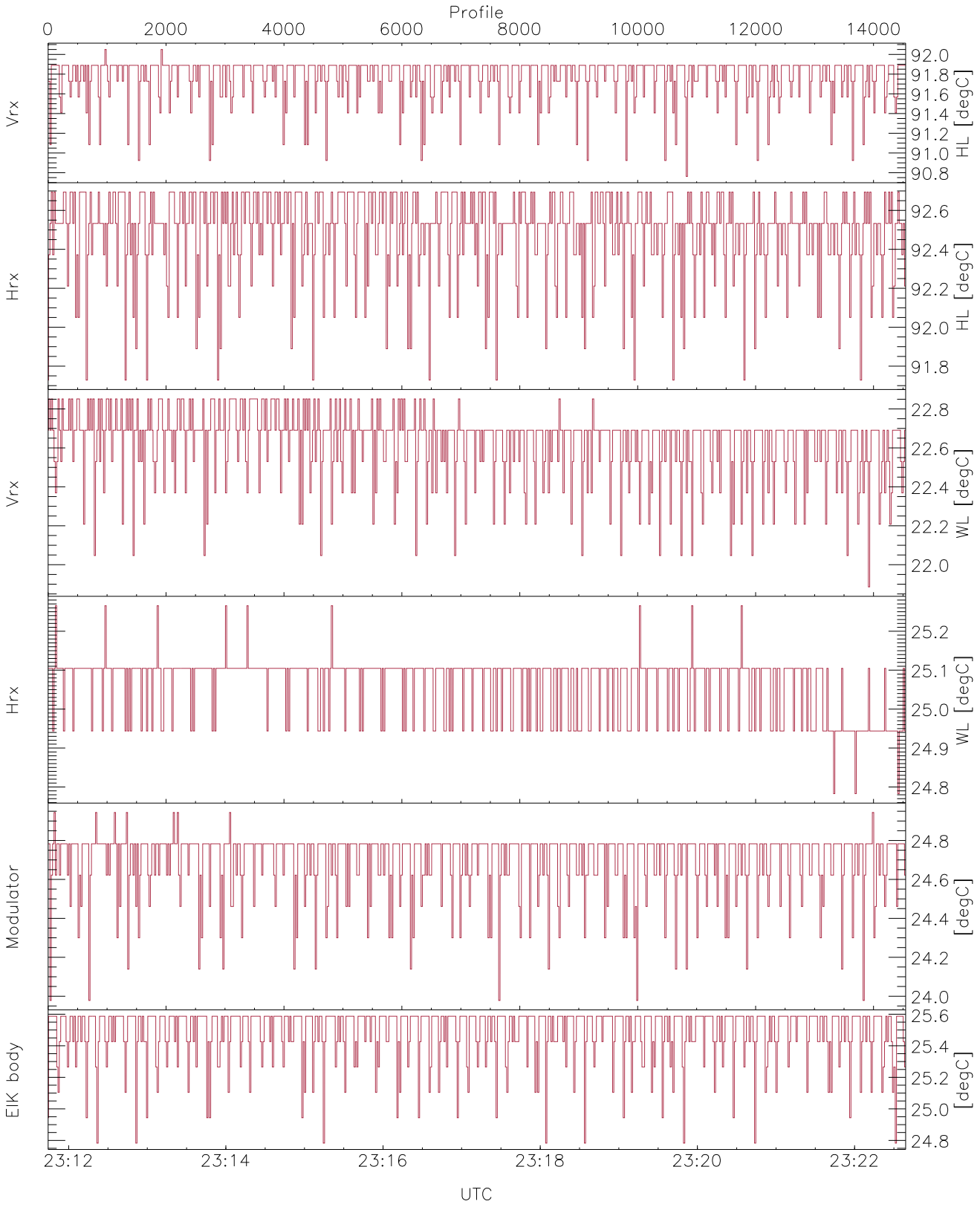






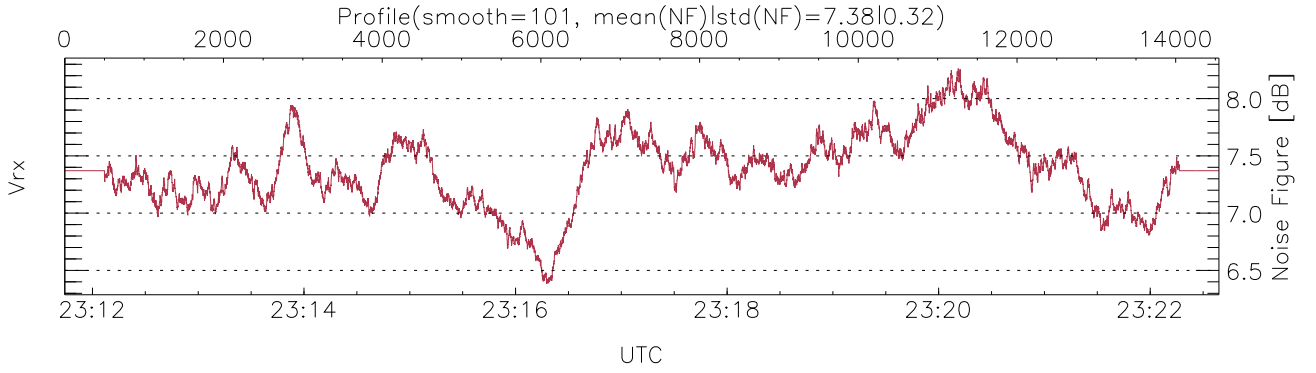
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

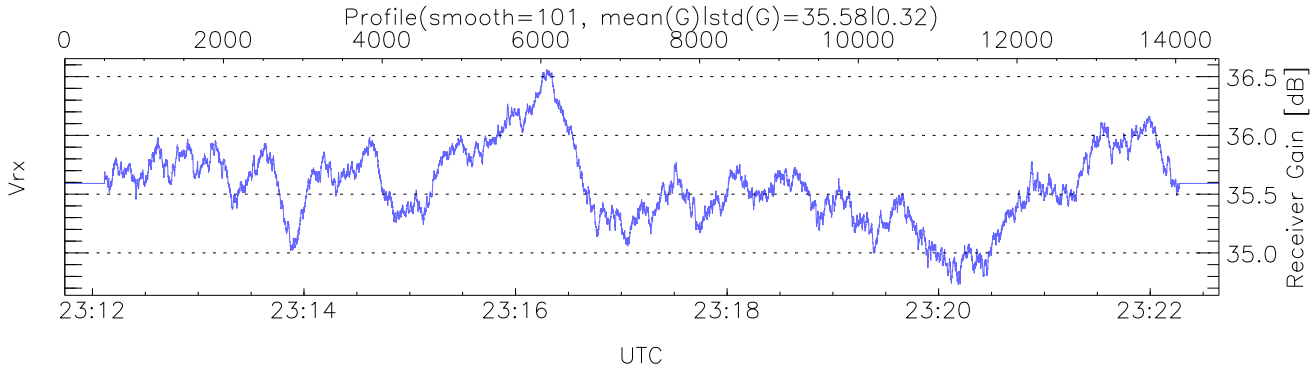
UTC: 23:11:44-23:22:39, TimeCor: 0.00s, Dur: 654.69s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
NumRec(r/t): 14546/14546, 0-14545/23:11:44-23:22:39
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: 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

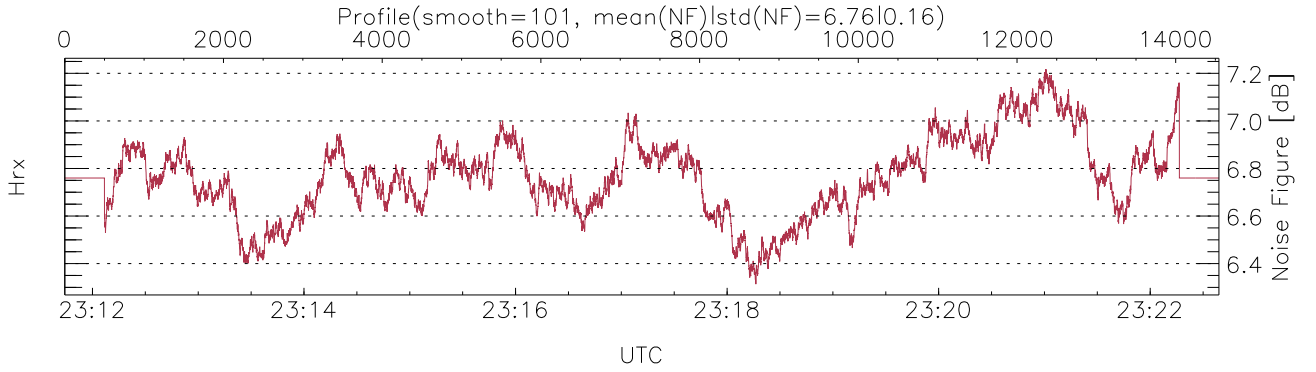


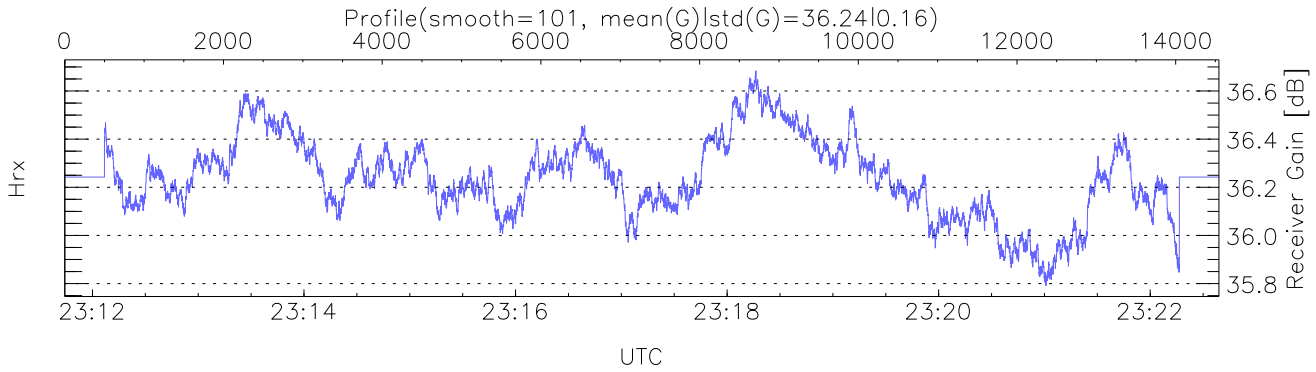
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,21,24,23,24
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,92,22,25,24,25
LOalarm(20,240,2817,14861 MHz): 0,0,44,0
EIK Faults(# prof affected):
BodyCurr,DeckF,OverDuty,HVPS (24,24,24,24)



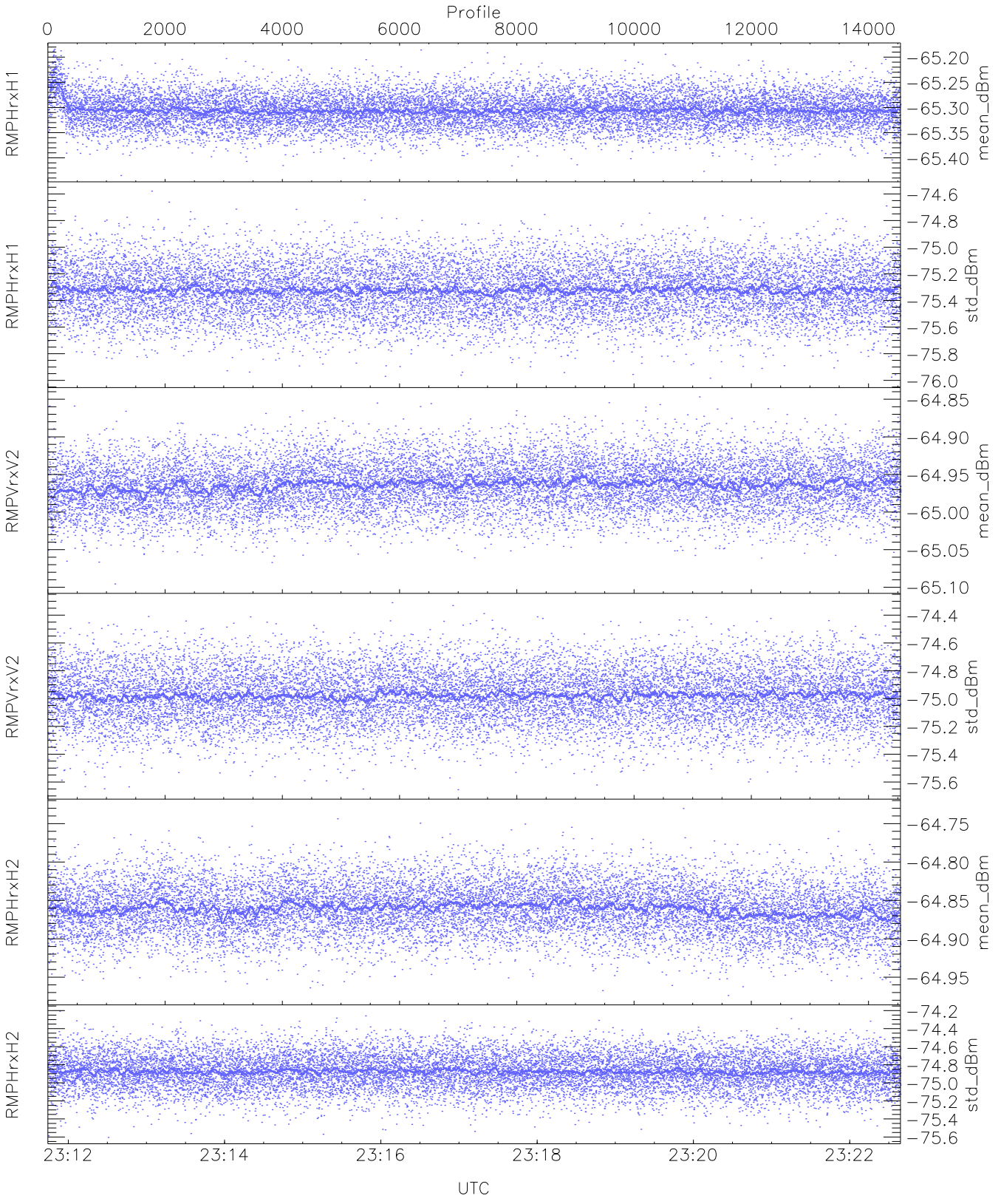






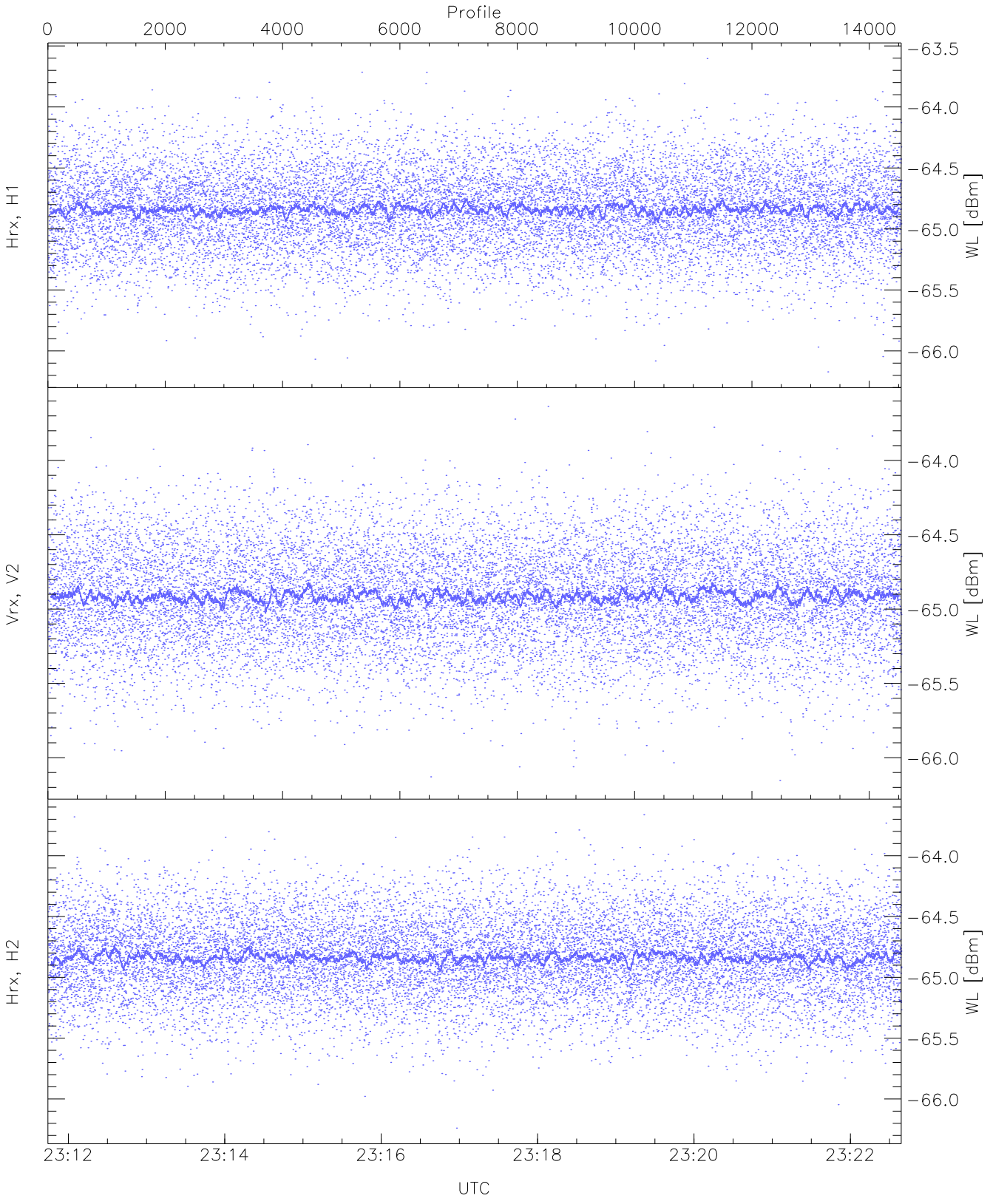
WCR3 CPP Receivers Gain and Noise Figure

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



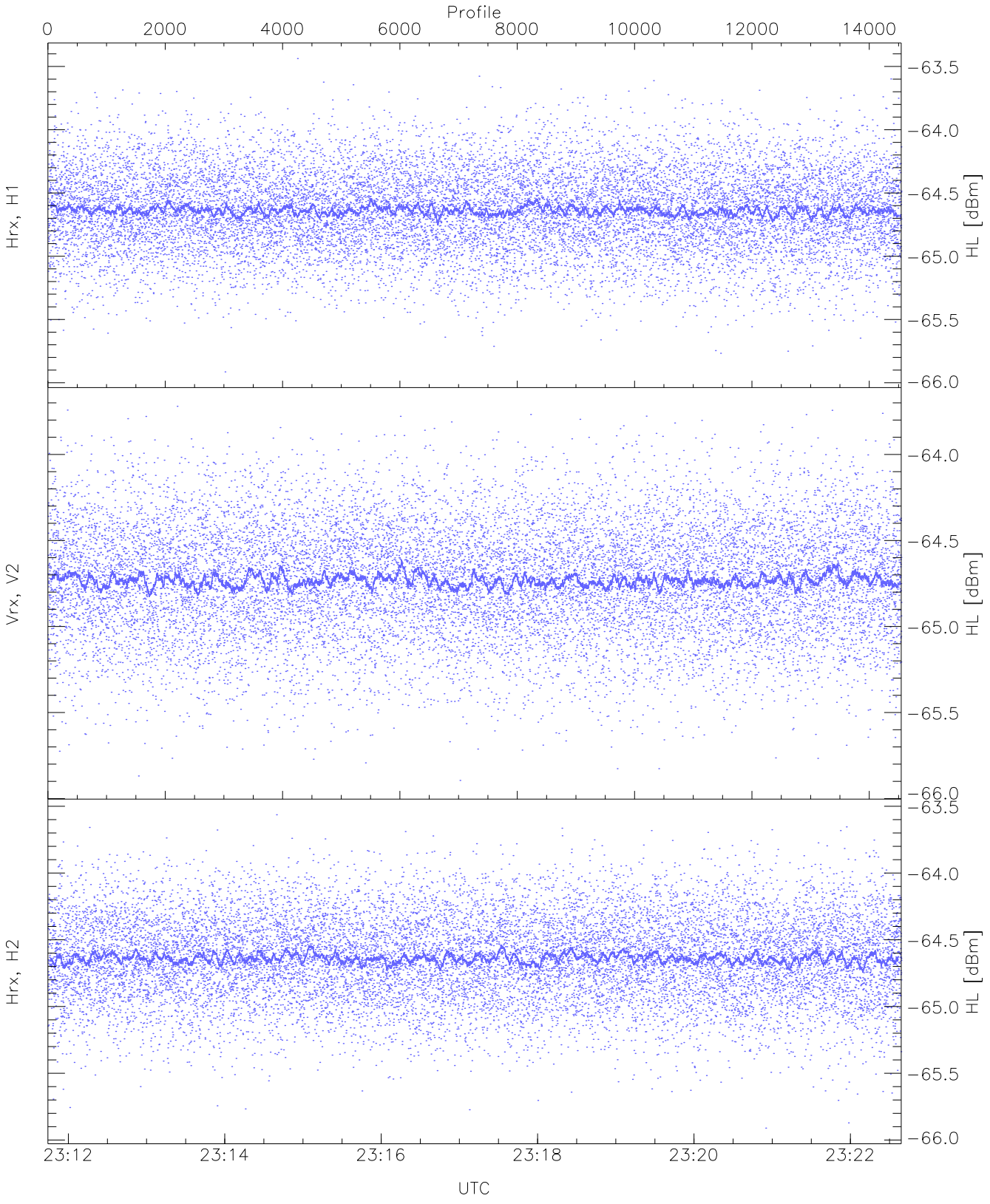
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.44	-65.18	-65.31	-65.31	-86.75
RMPHrxH1(std_dBm)	-75.98	-74.58	-75.32	-75.32	-89.10
RMPVrxV2(mean_dBm)	-65.10	-64.85	-64.96	-64.96	-86.47
RMPVrxV2(std_dBm)	-75.66	-74.31	-74.98	-74.98	-88.76
RMPHrxH2(mean_dBm)	-64.97	-64.73	-64.86	-64.86	-86.39
RMPHrxH2(std_dBm)	-75.61	-74.21	-74.88	-74.88	-88.67



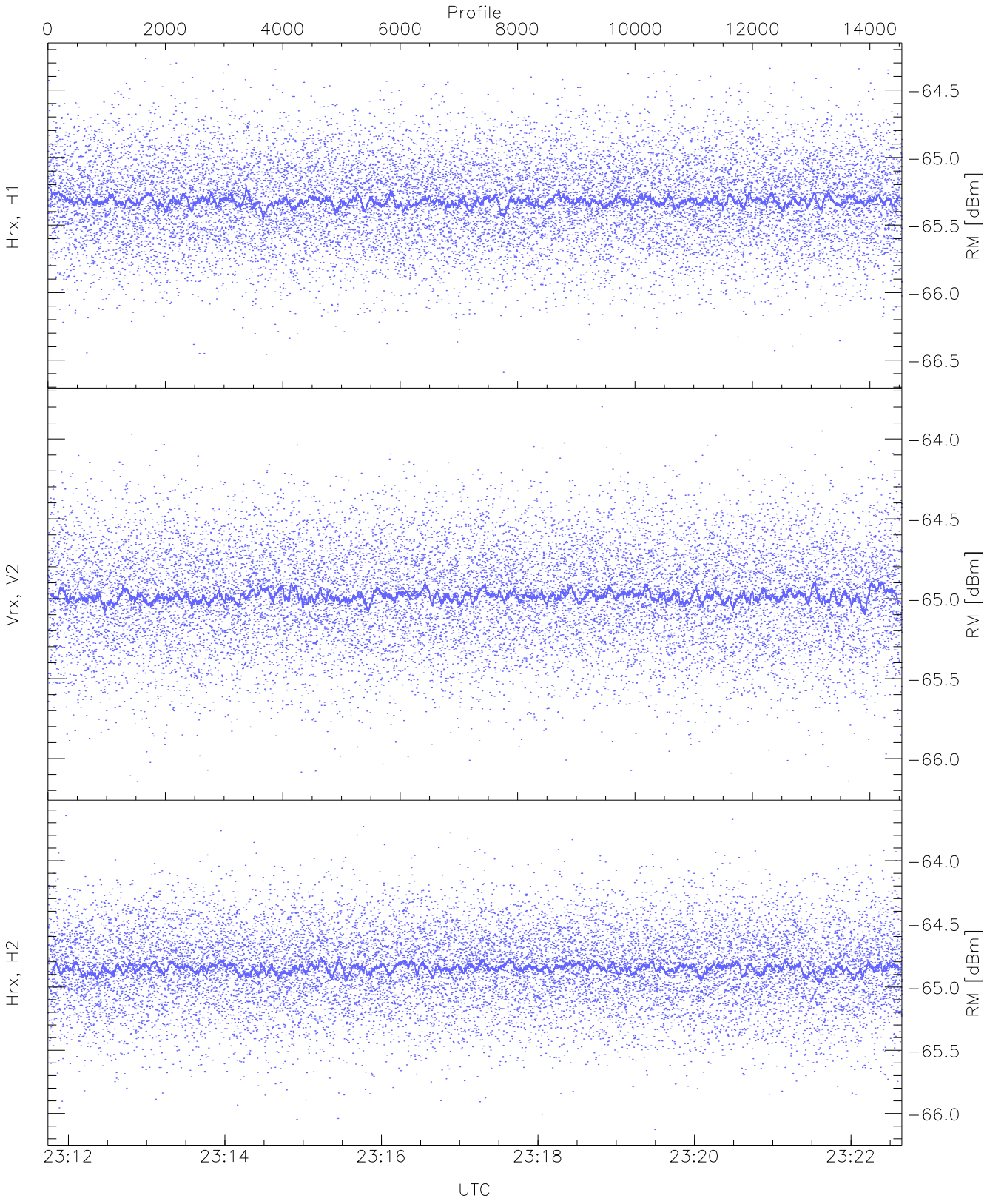
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.17	-63.60	-64.83	-64.84	-76.28
Vrx, V2(WL [dBm])	-66.15	-63.64	-64.91	-64.91	-76.36
Hrx, H2(WL [dBm])	-66.24	-63.66	-64.83	-64.84	-76.33



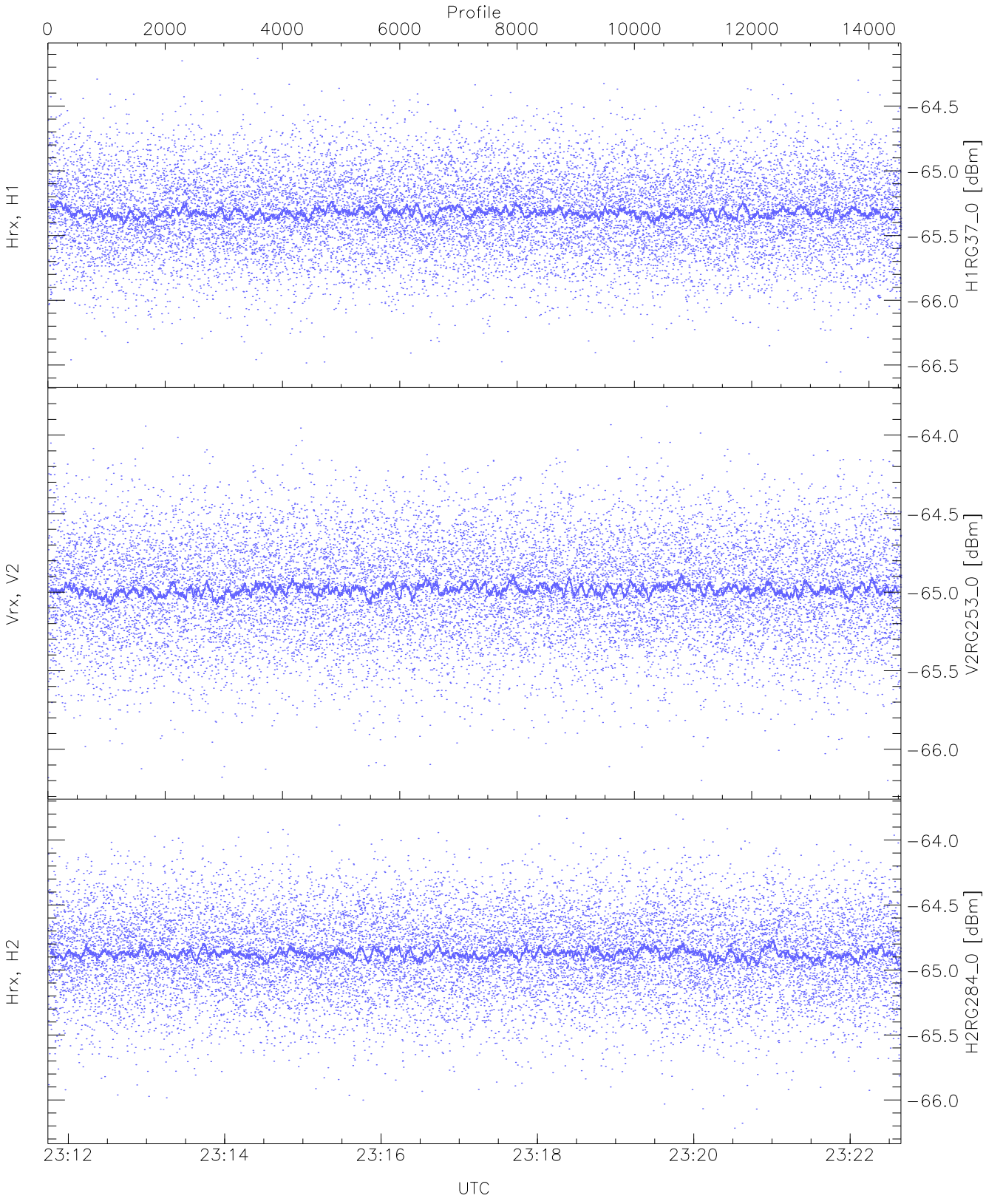
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.91	-63.44	-64.63	-64.64	-76.13
Vrx, V2(HL [dBm])	-65.89	-63.72	-64.72	-64.73	-76.21
Hrx, H2(HL [dBm])	-65.91	-63.56	-64.63	-64.64	-76.16



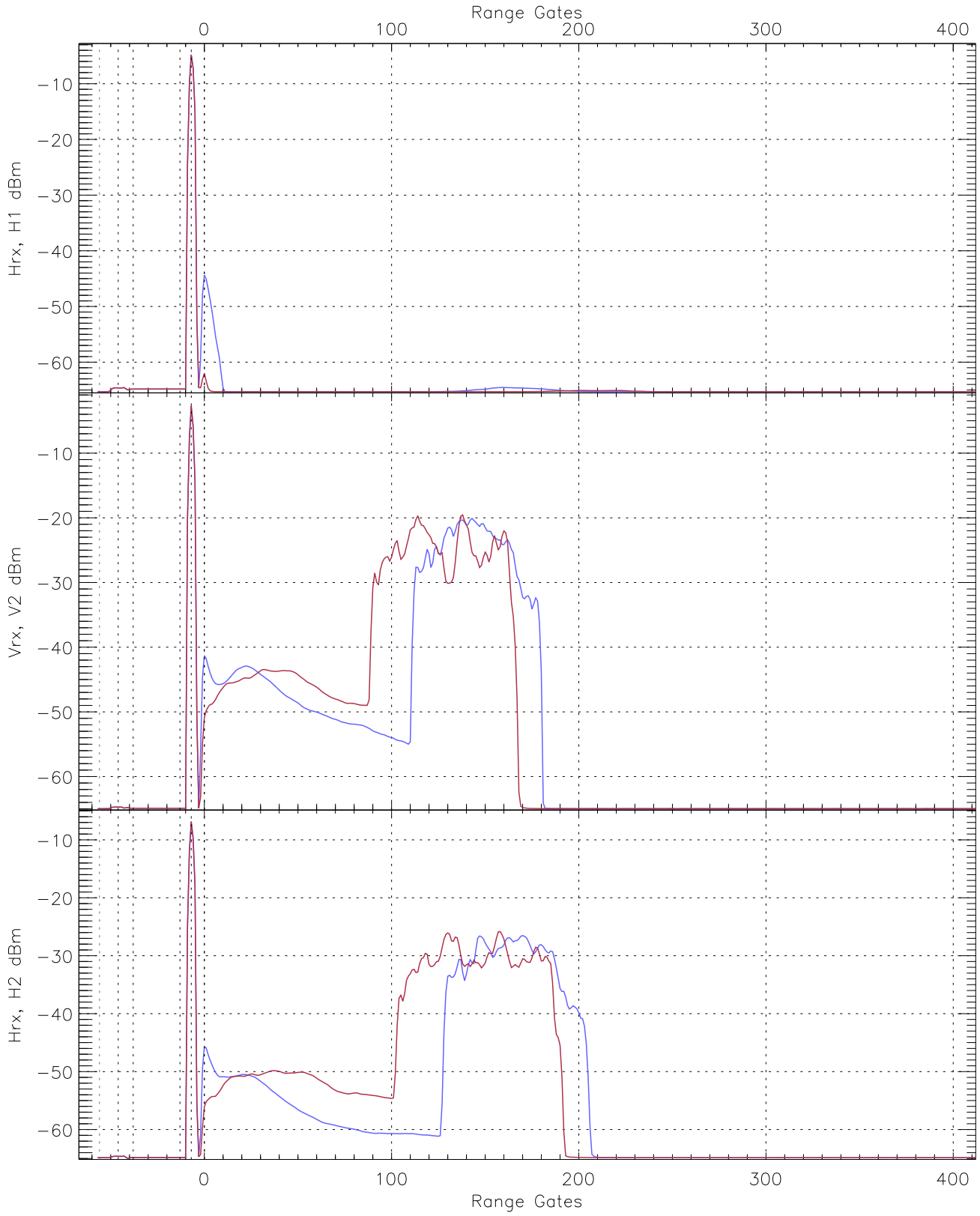
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.59	-64.27	-65.31	-65.32	-76.81
Vrx, V2(RM [dBm])	-66.14	-63.80	-64.98	-64.98	-76.49
Hrx, H2(RM [dBm])	-66.13	-63.64	-64.84	-64.85	-76.34

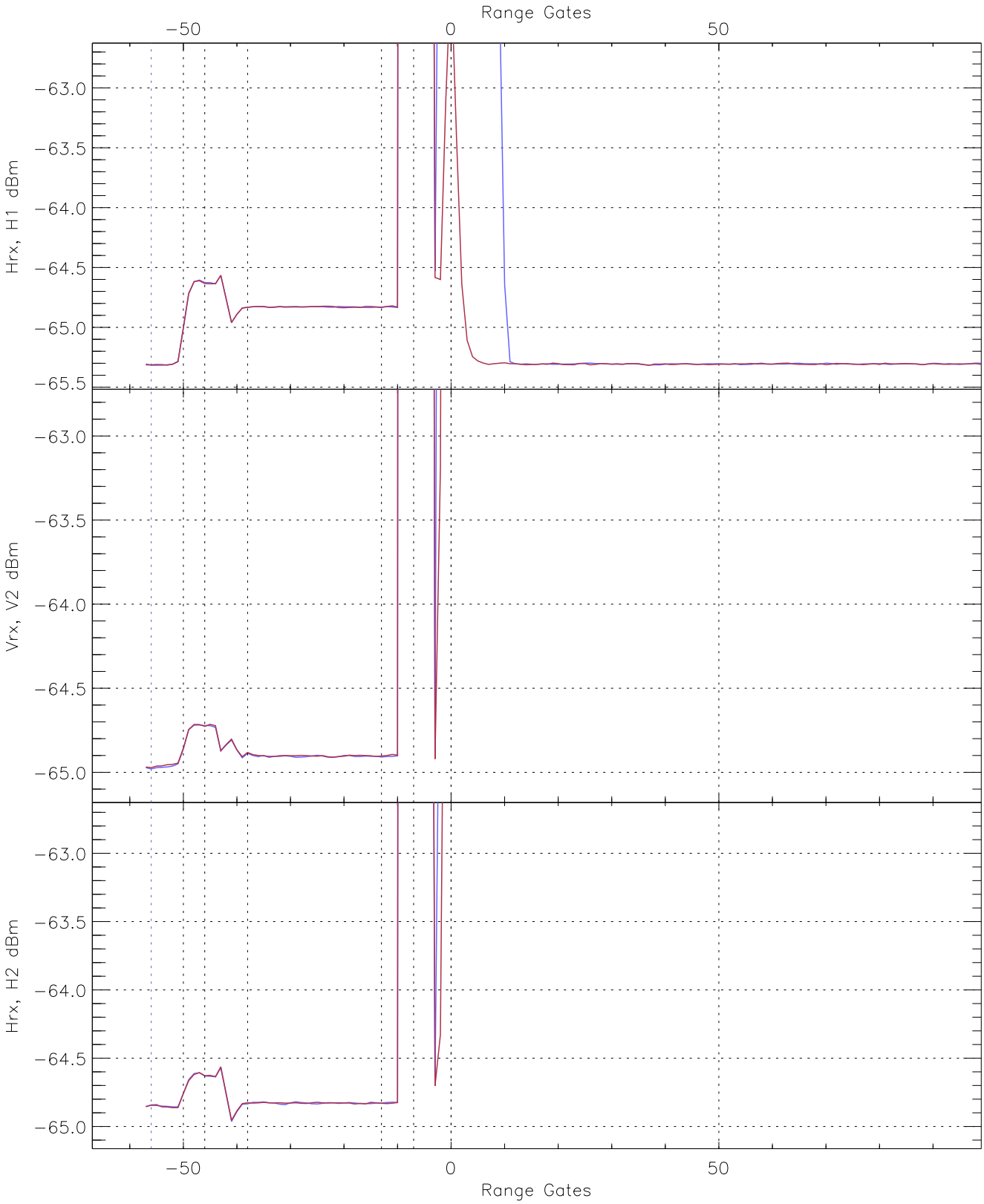


WCR3 CPP "Best" estimate Receivers Noise Power

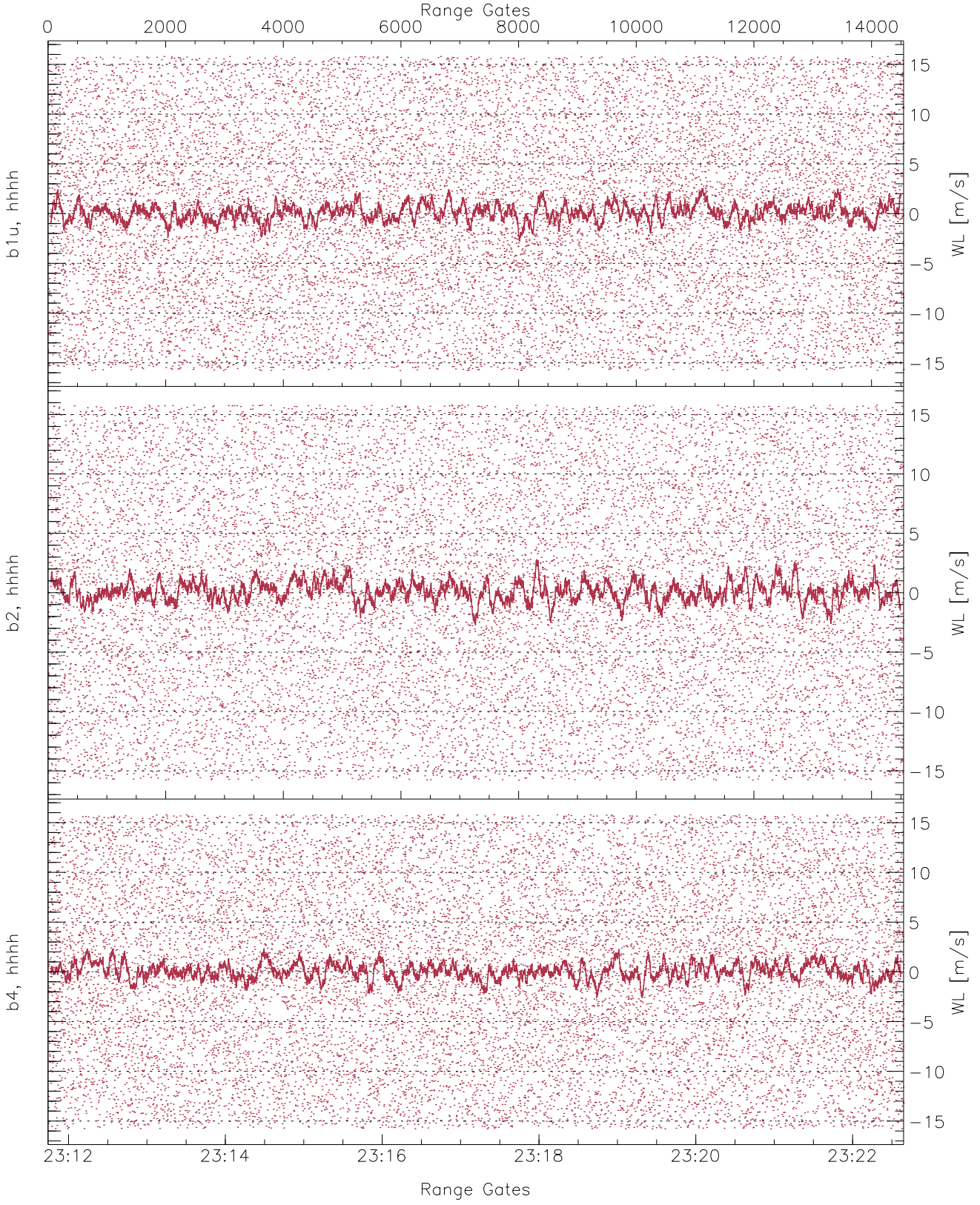
	Min	Max	Mean	Median	StDev
H1RG37_0 [dBm]	-66.55	-64.13	-65.32	-65.32	-76.80
V2RG253_0 [dBm]	-66.20	-63.82	-64.98	-64.98	-76.50
H2RG284_0 [dBm]	-66.22	-63.81	-64.87	-64.87	-76.35



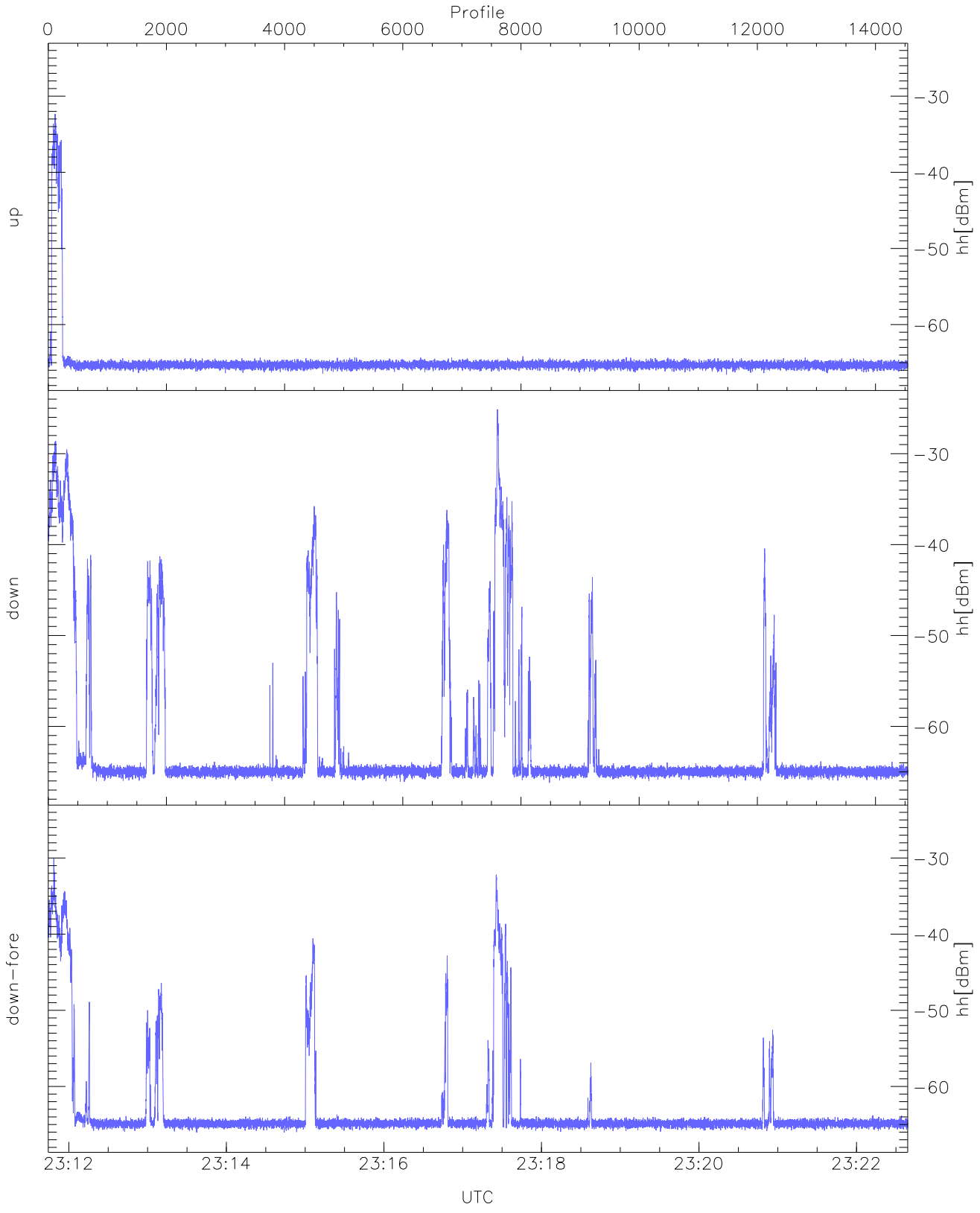
WCR3 CPP Averaged Received power for all recorded gates
blue: 231144-231712, 7274 profiles averaged
red: 231712-232239, 7273 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 231144-231712, 7274 profiles averaged
red: 231712-232239, 7273 profiles averaged

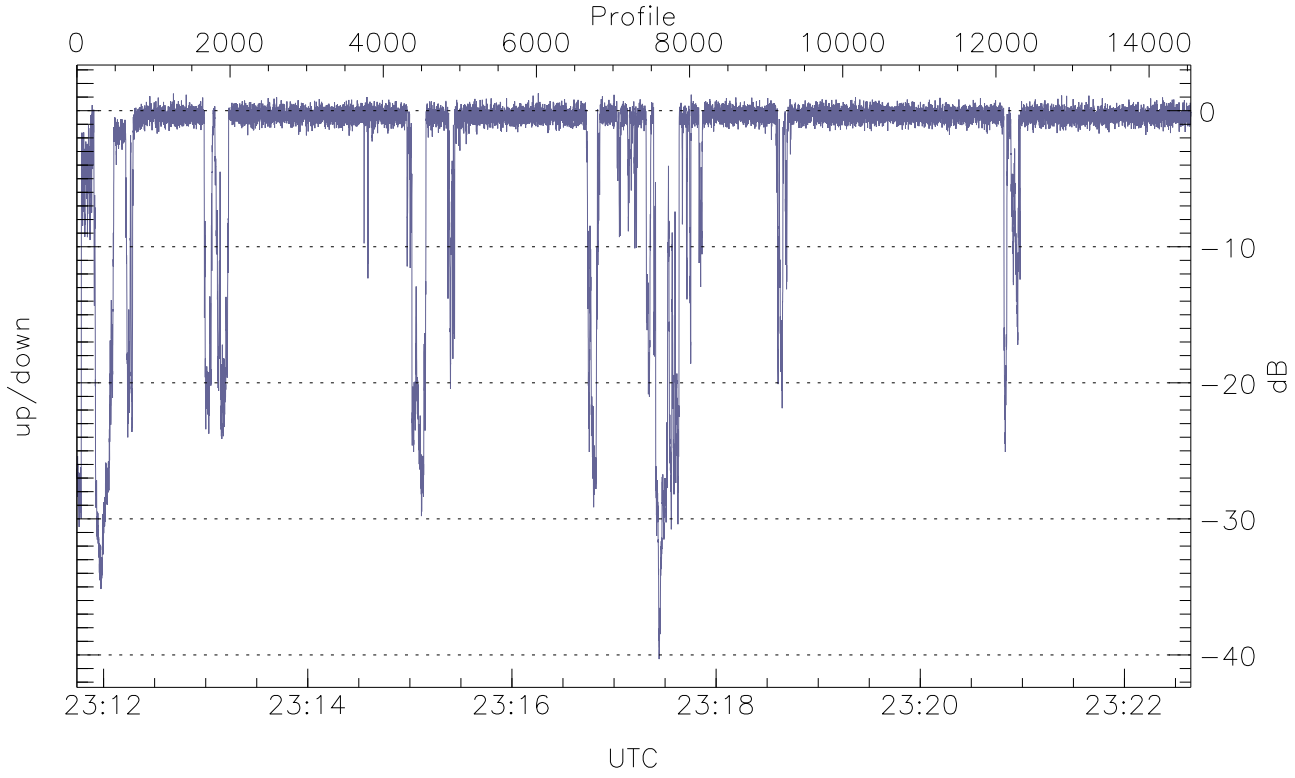


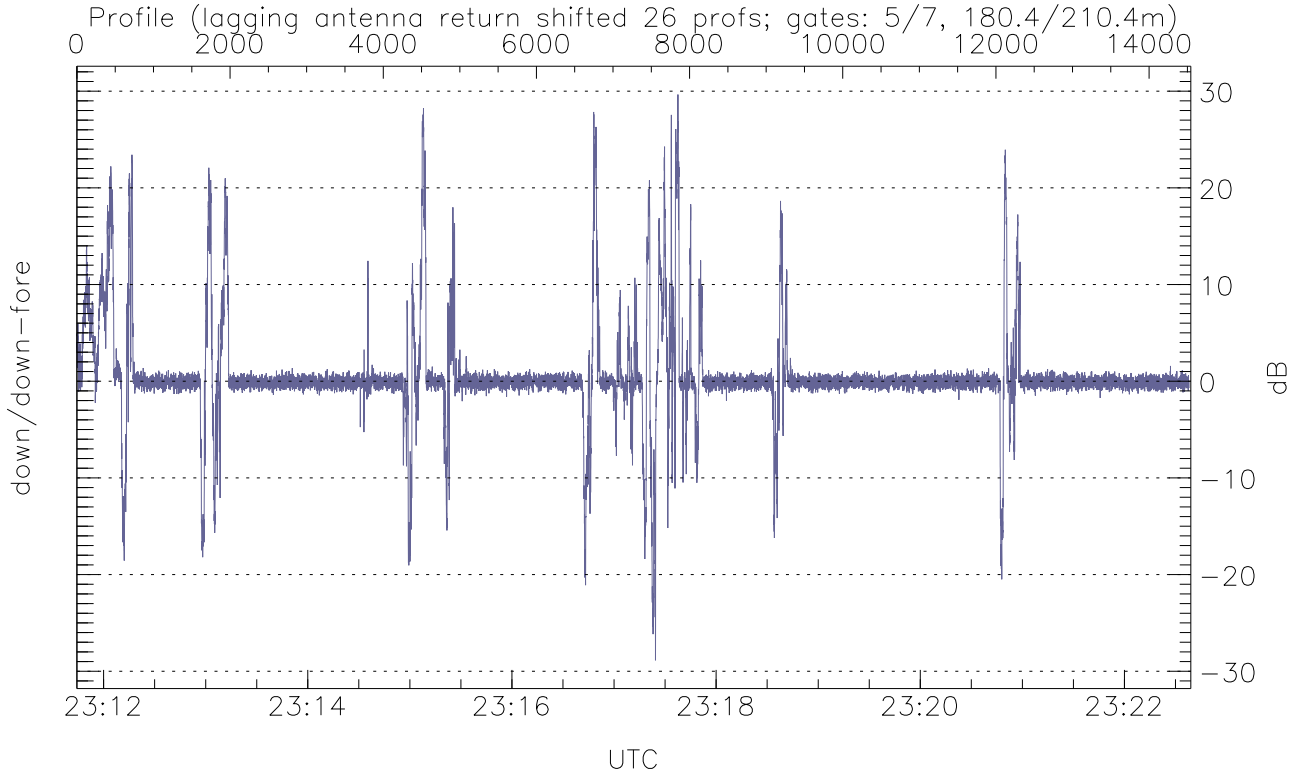
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

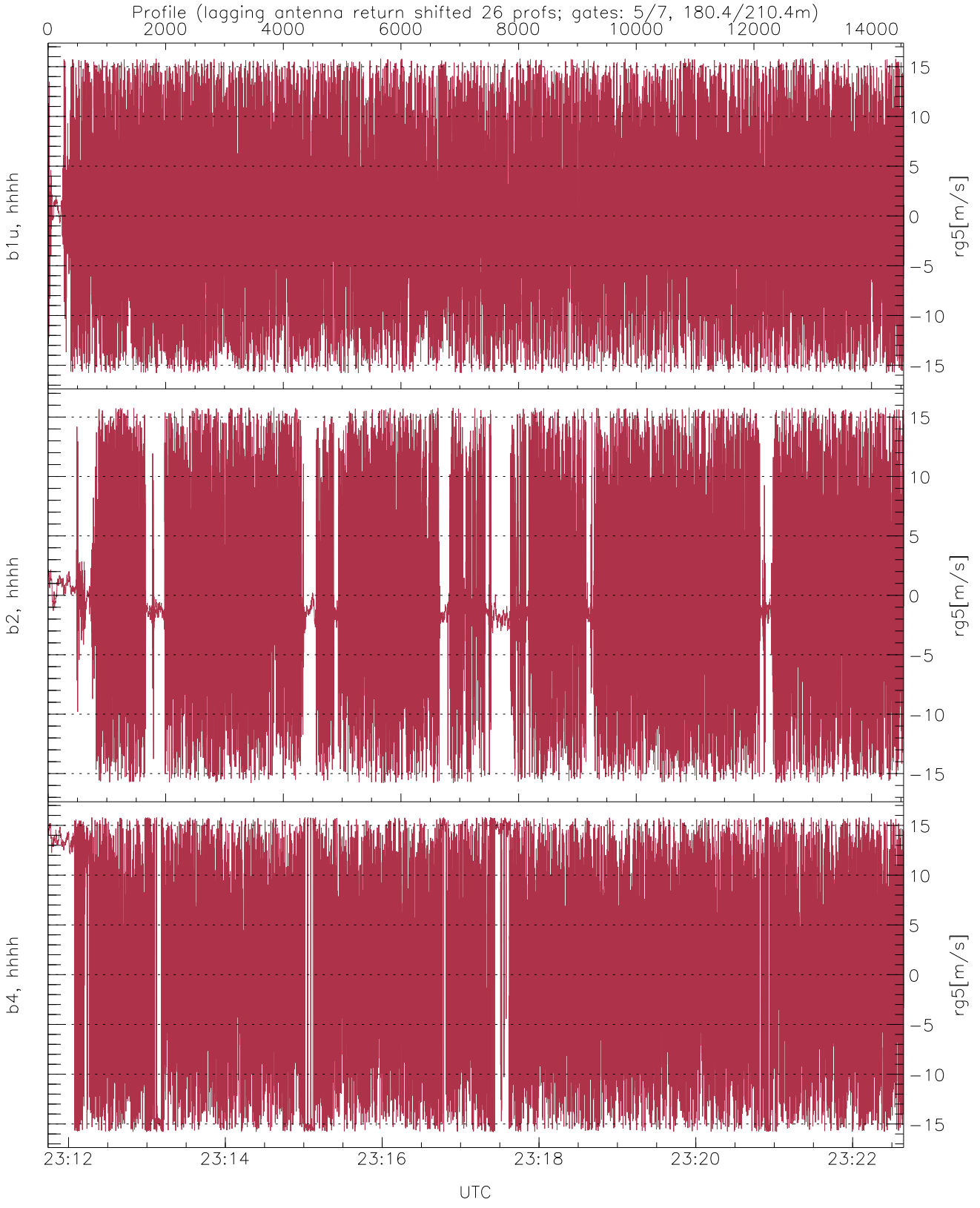
	Min	Max	Mean
up(hh[dBm])	-66.58	-32.36	-55.72
down(hh[dBm])	-66.19	-25.12	-46.61
down-fore(hh[dBm])	-66.05	-30.03	-51.29





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

	Min	Max	Mean
up/down(dB)	-40.30	1.28	-2.84
down/down-fore(dB)	-28.86	29.65	0.55



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	0.00	8.38
b2, hhhh(rg5[m/s])	-15.78	15.79	-0.06	8.00
b4, hhhh(rg5[m/s])	-15.79	15.79	0.65	9.48