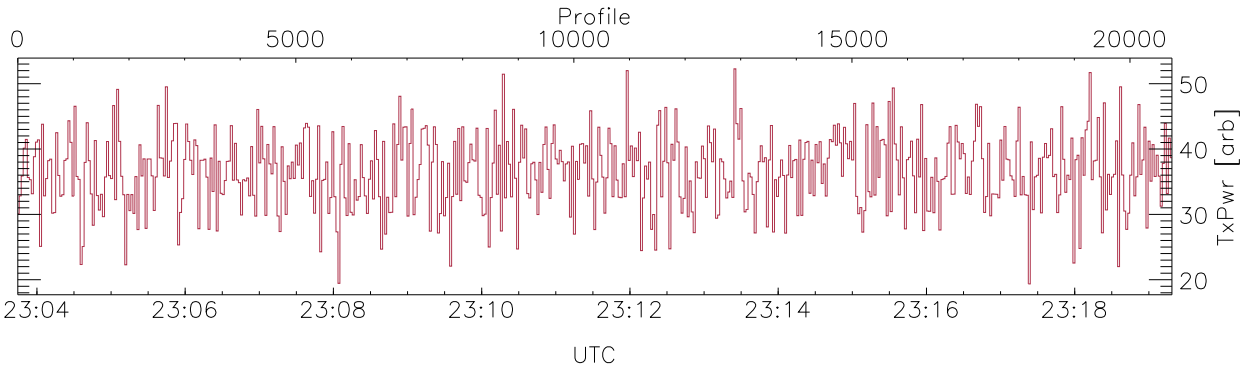
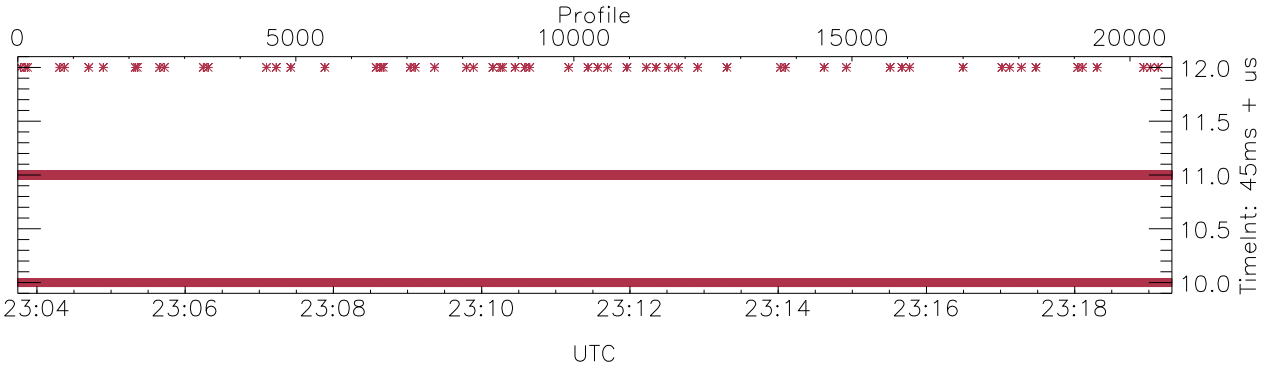
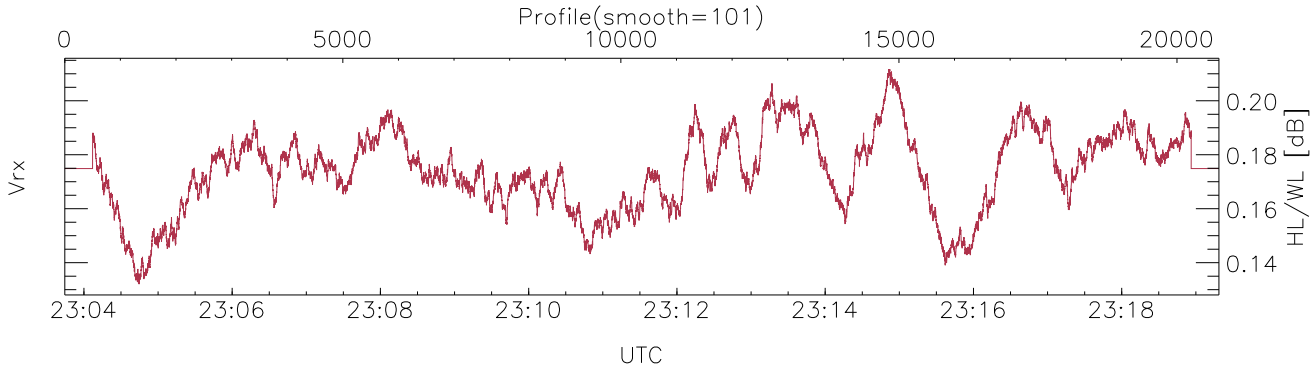
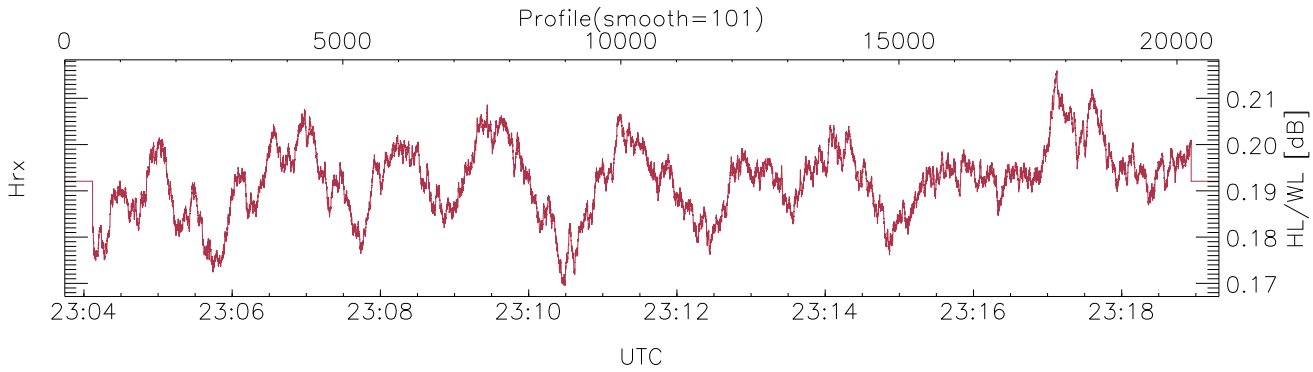


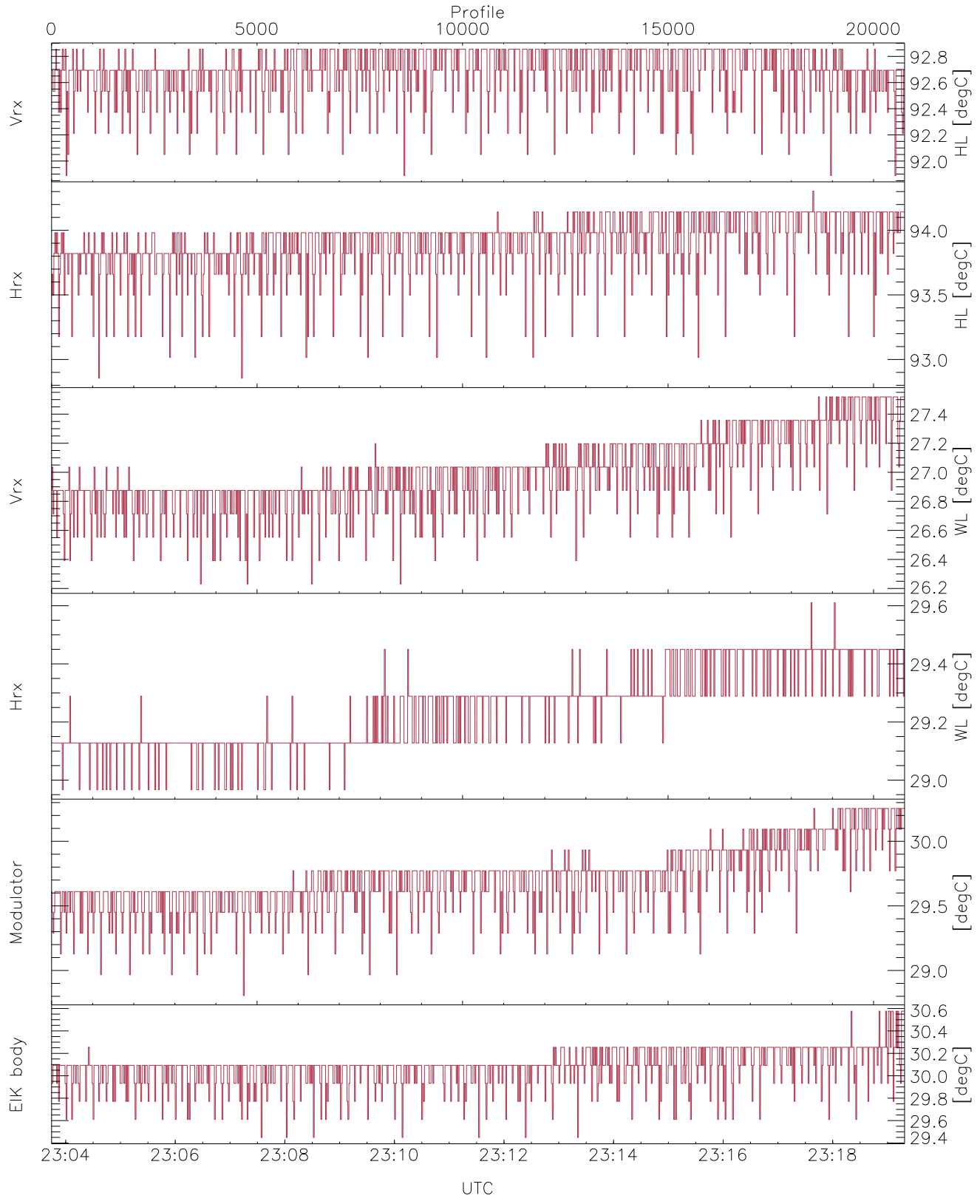






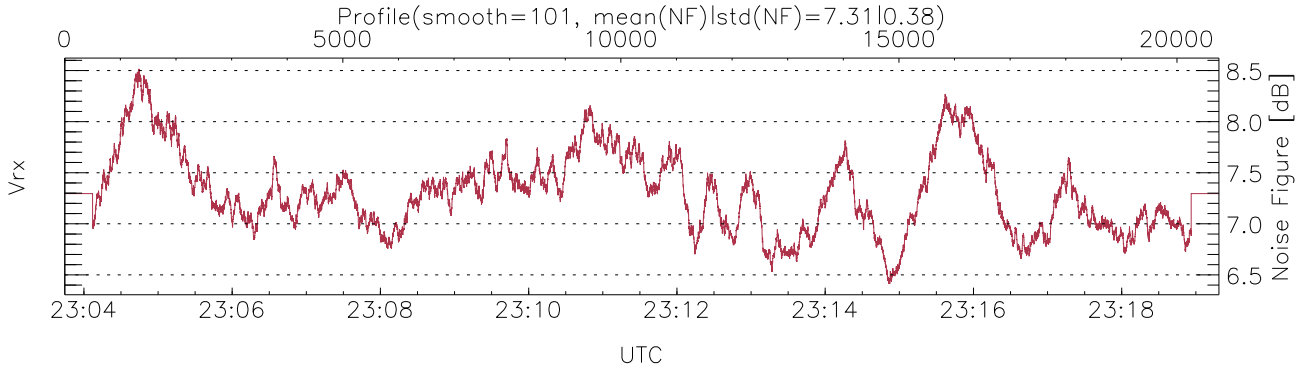
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

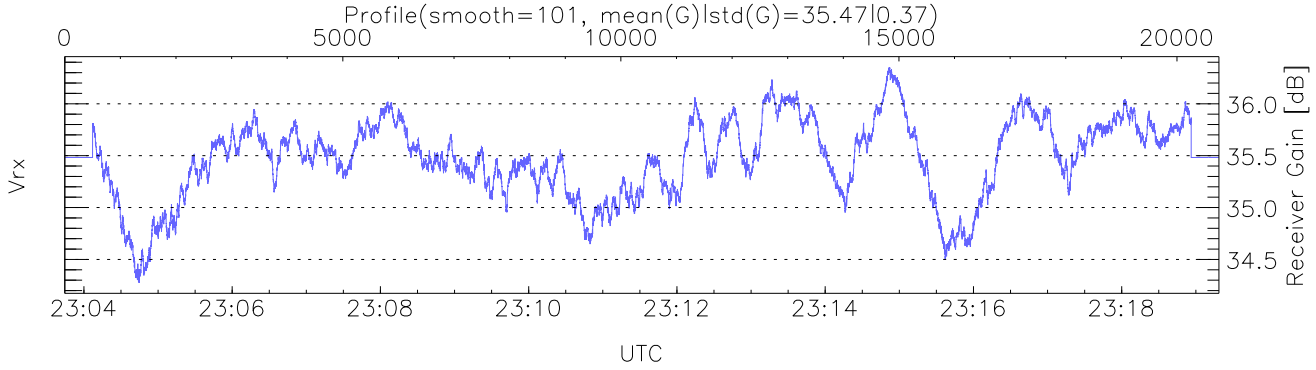
UTC: 23:03:45-23:19:19, TimeCor: 0.00s, Dur: 934.21s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
NumRec(r/t): 20756/20756, 0-20755/23:03:45-23:19:19
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: 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

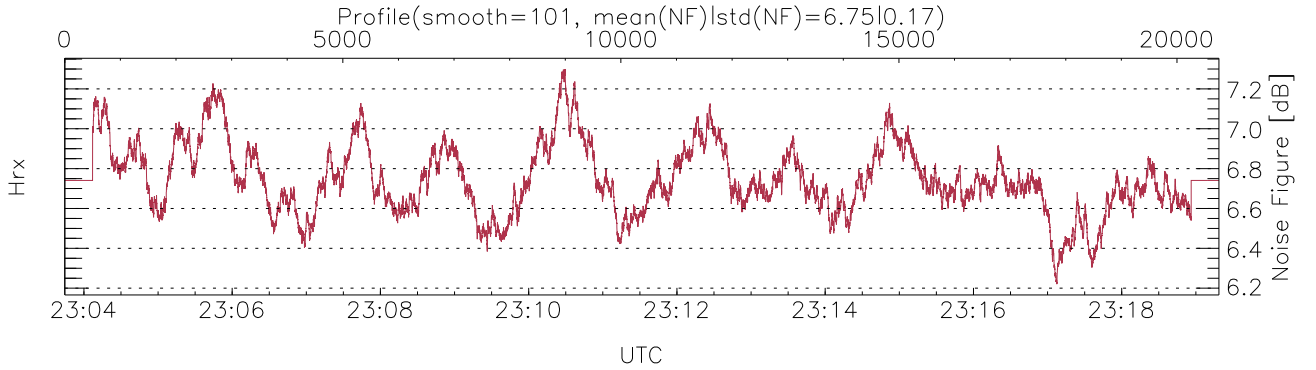


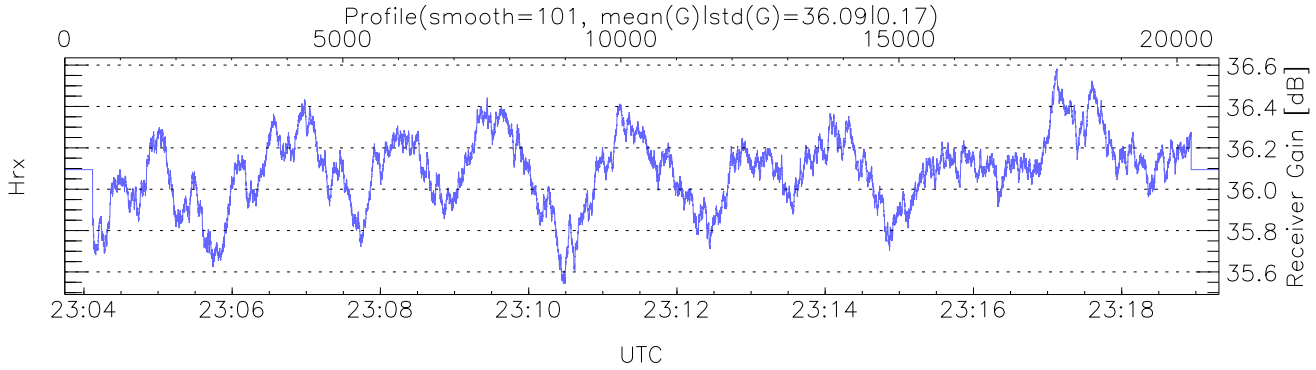
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,26,28,28,29
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,27,29,30,30
LOalarm(20,240,2817,14861 MHz): 0,0,46,0
EIK Faults(# prof affected):
BodyCurr,DeckF,OverDuty (24,24,24)



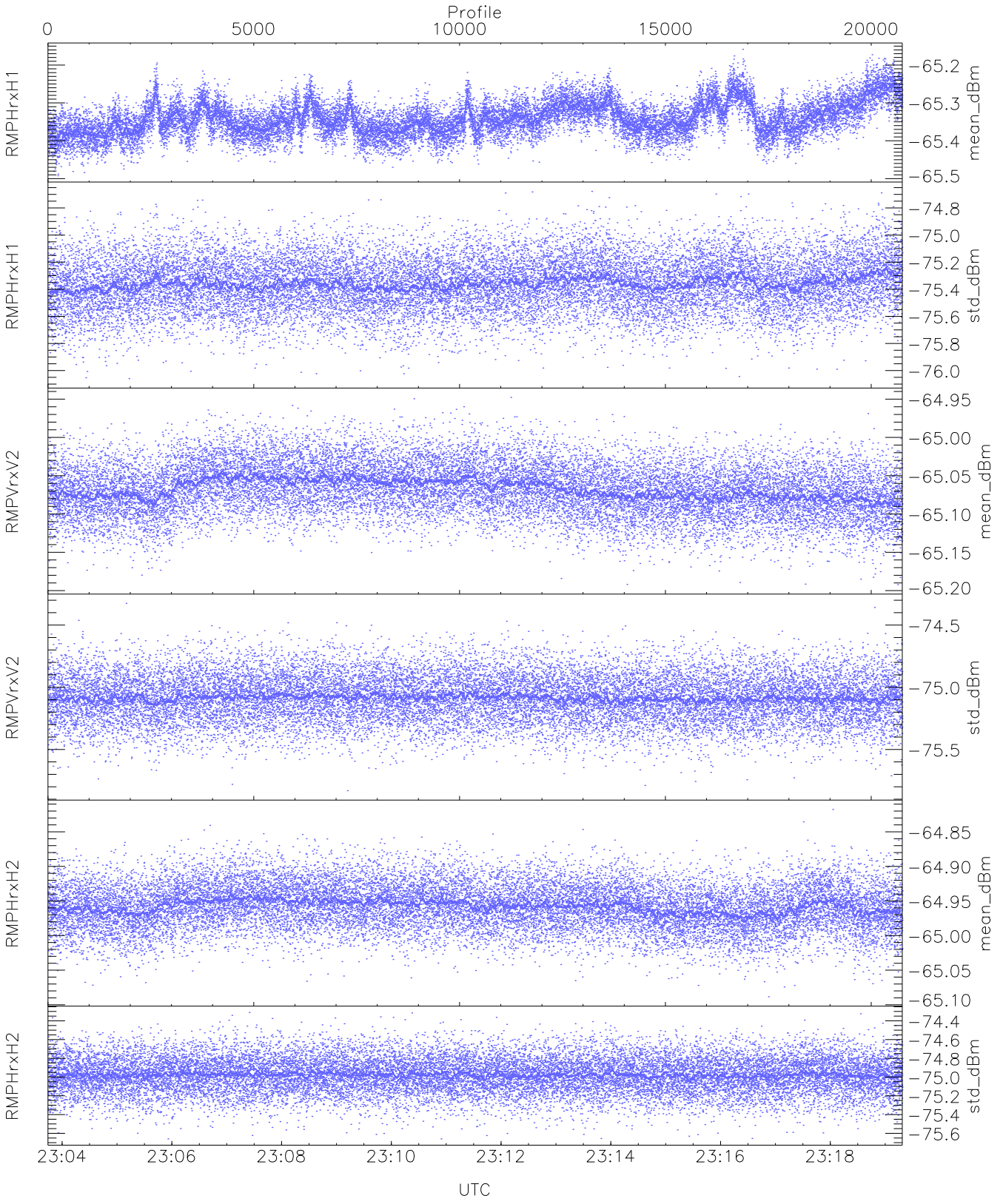






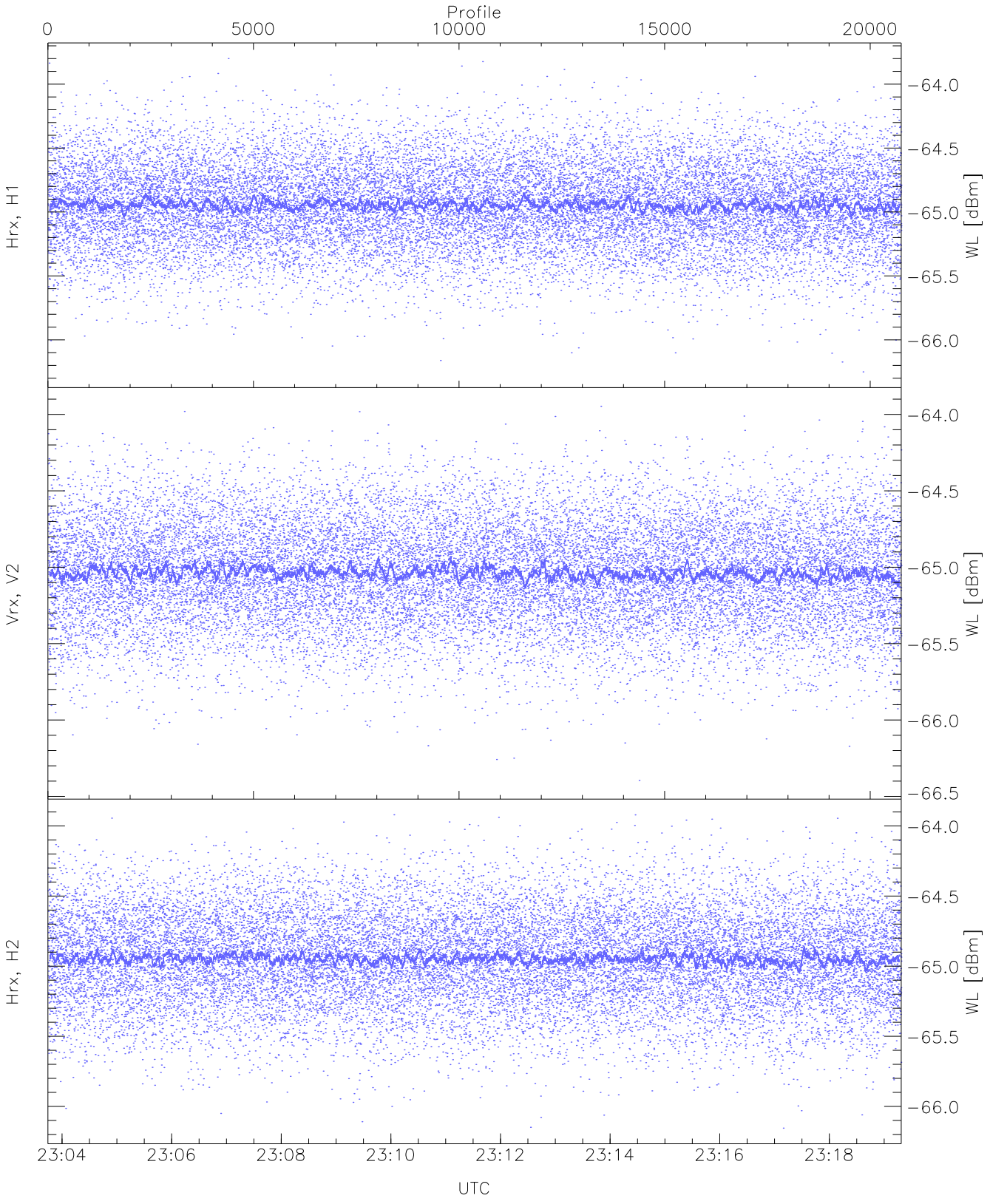
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 24 pixs, 6 gates, 24 profs, 1 prod(s)



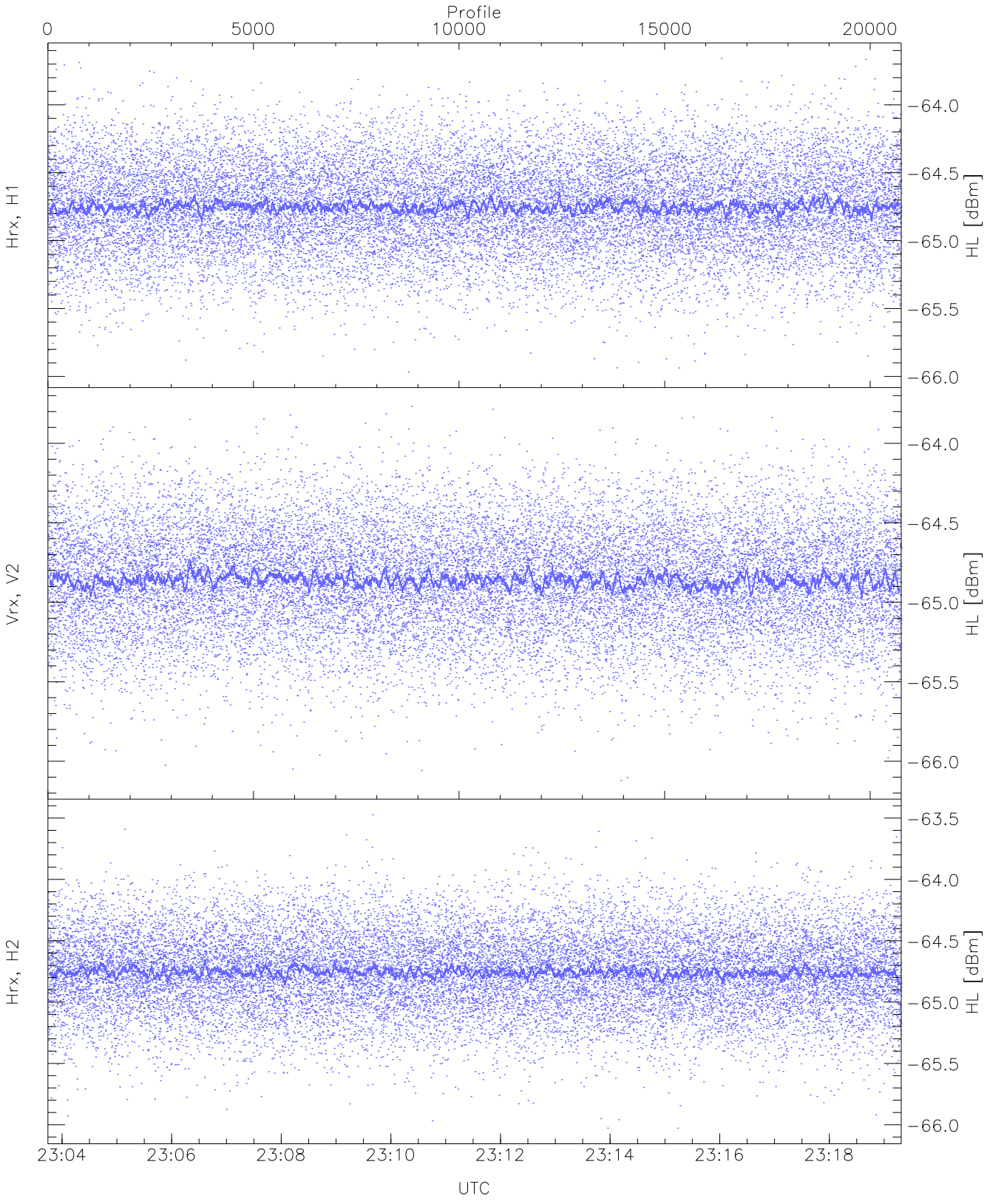
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.49	-65.16	-65.34	-65.34	-85.17
RMPHrxH1(std_dBm)	-76.06	-74.68	-75.36	-75.36	-89.07
RMPVrxV2(mean_dBm)	-65.19	-64.95	-65.07	-65.07	-86.38
RMPVrxV2(std_dBm)	-75.83	-74.33	-75.08	-75.09	-88.90
RMPHrxH2(mean_dBm)	-65.09	-64.82	-64.96	-64.96	-86.40
RMPHrxH2(std_dBm)	-75.66	-74.31	-74.98	-74.98	-88.78



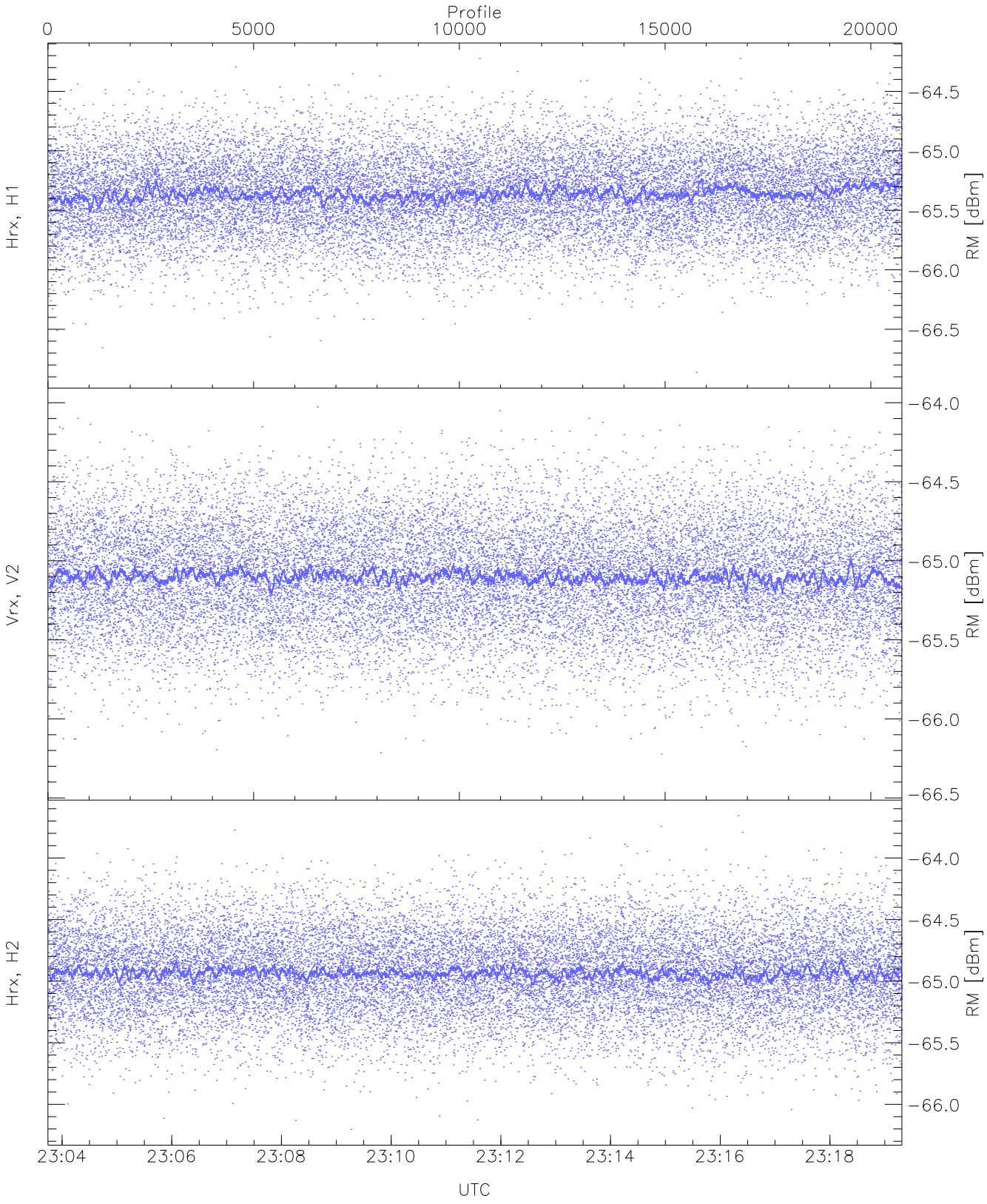
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.25	-63.80	-64.94	-64.95	-76.46
Vrx, V2(WL [dBm])	-66.40	-63.95	-65.03	-65.04	-76.50
Hrx, H2(WL [dBm])	-66.16	-63.92	-64.94	-64.94	-76.45



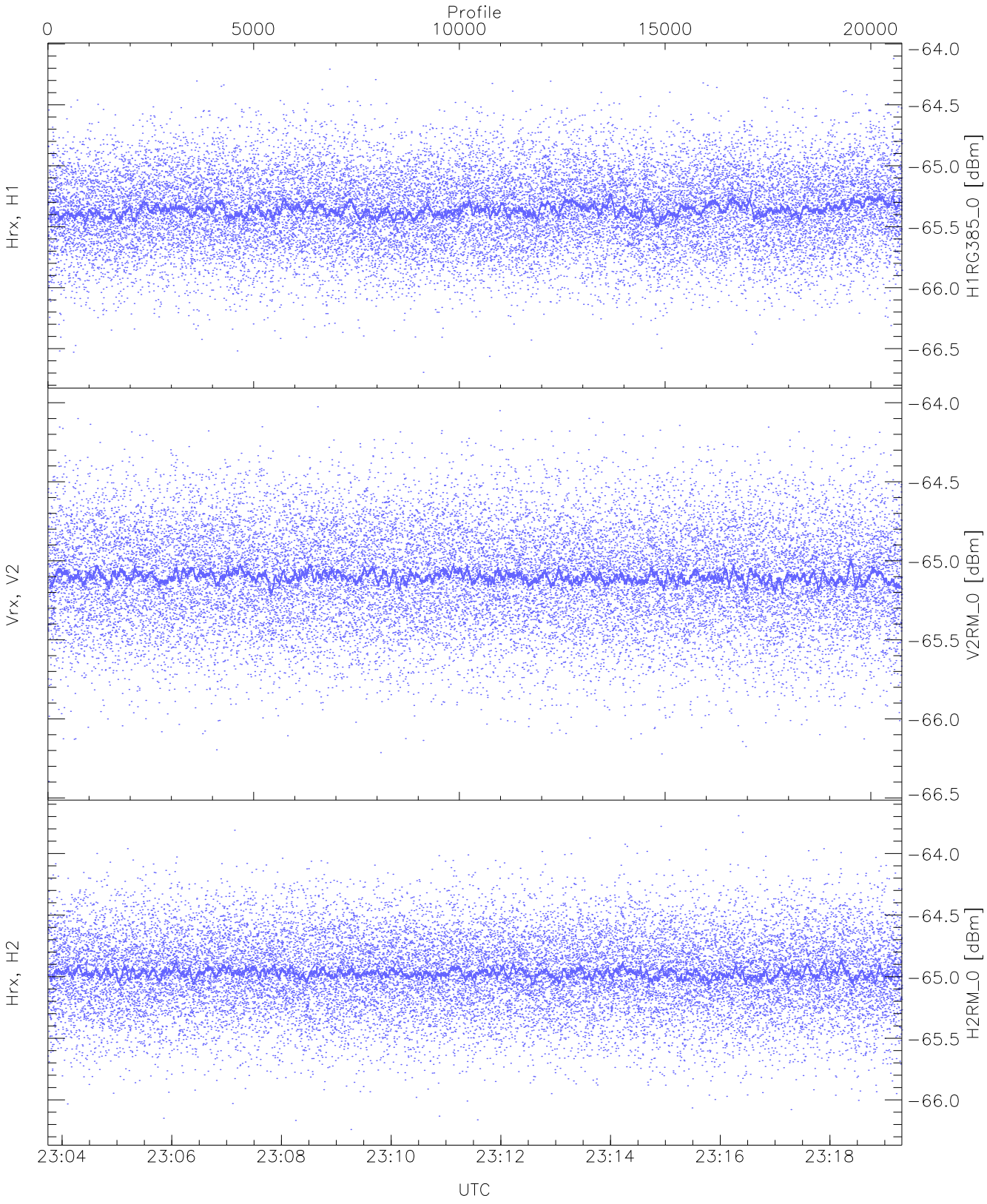
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.97	-63.66	-64.74	-64.75	-76.22
Vrx, V2(HL [dBm])	-66.12	-63.77	-64.85	-64.86	-76.35
Hrx, H2(HL [dBm])	-66.03	-63.47	-64.75	-64.75	-76.28



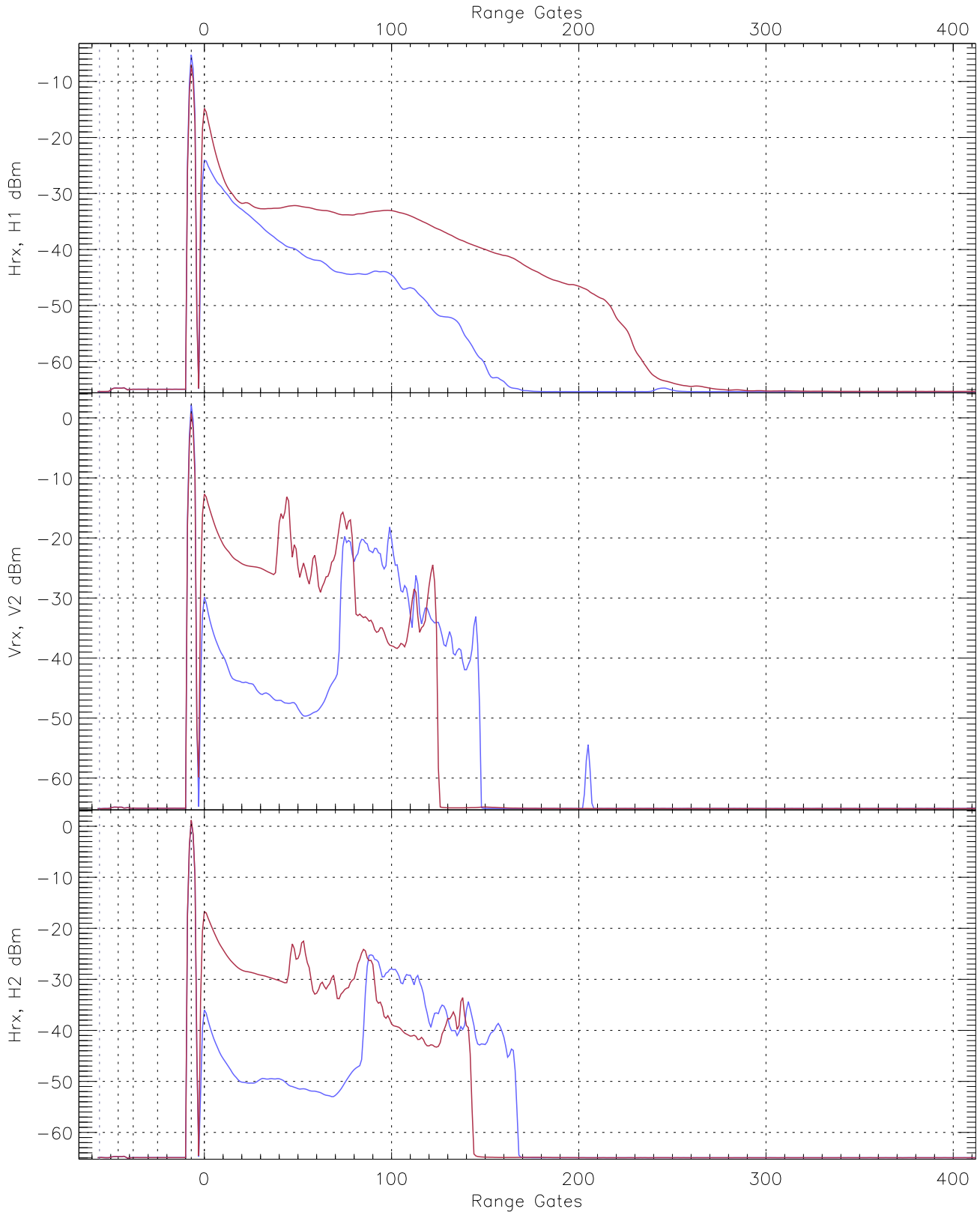
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.86	-64.22	-65.35	-65.36	-76.87
Vrx, V2(RM [dBm])	-66.40	-64.03	-65.09	-65.10	-76.64
Hrx, H2(RM [dBm])	-66.20	-63.66	-64.93	-64.94	-76.41

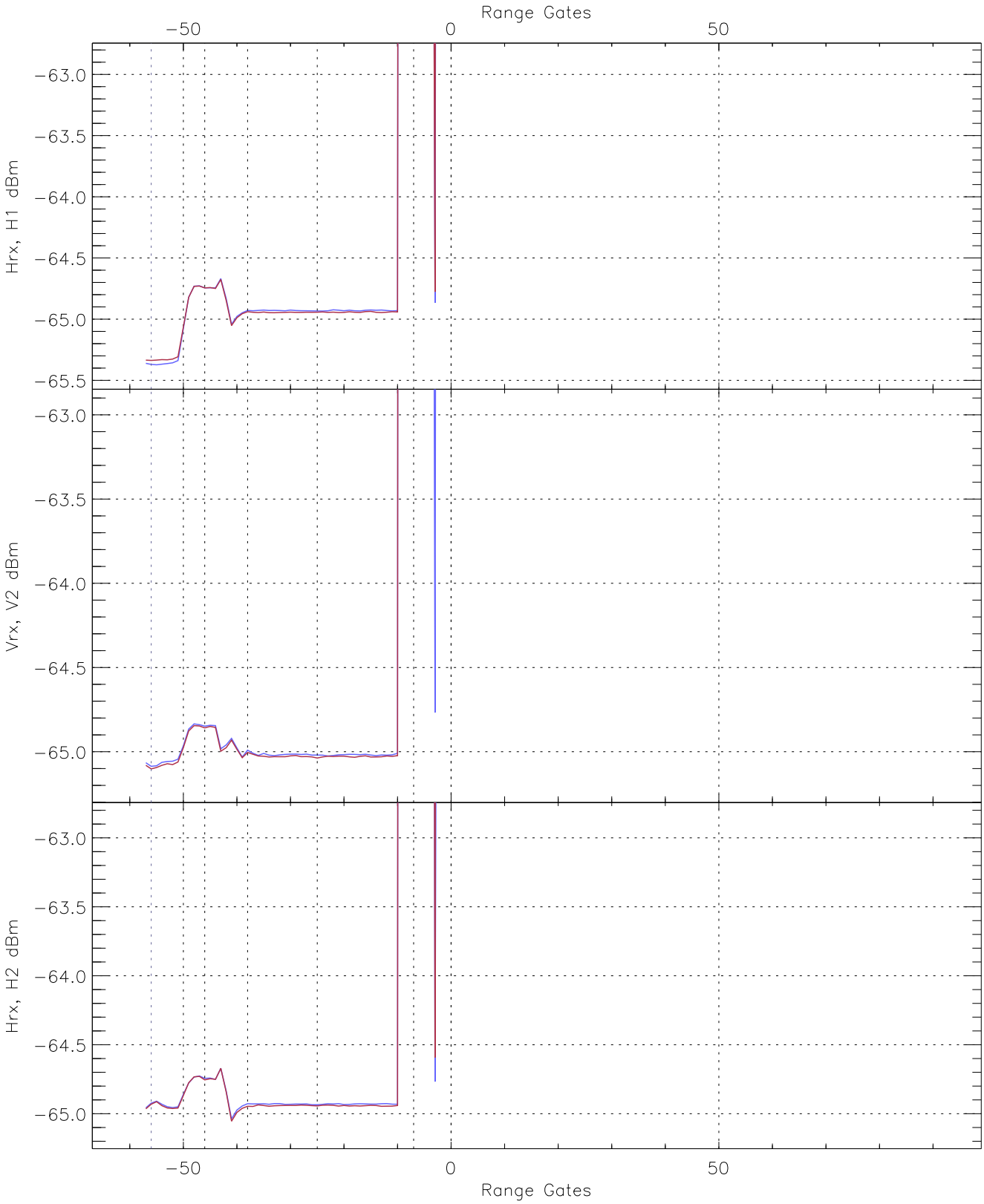


WCR3 CPP "Best" estimate Receivers Noise Power

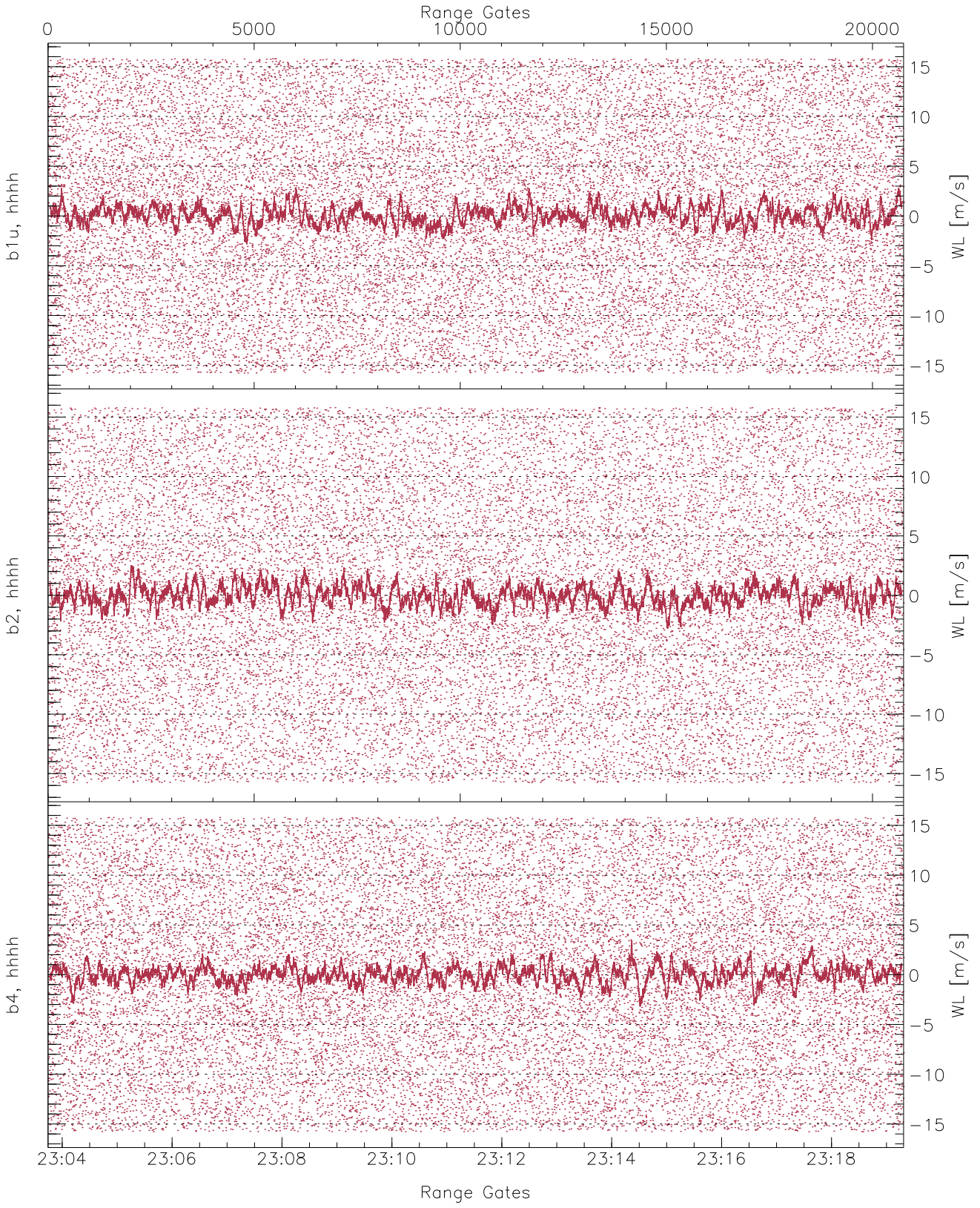
	Min	Max	Mean	Median	StDev
H1RG385_0 [dBm]	-66.69	-64.12	-65.35	-65.36	-76.82
V2RM_0 [dBm]	-66.40	-64.03	-65.09	-65.10	-76.64
H2RM_0 [dBm]	-66.24	-63.69	-64.96	-64.97	-76.45



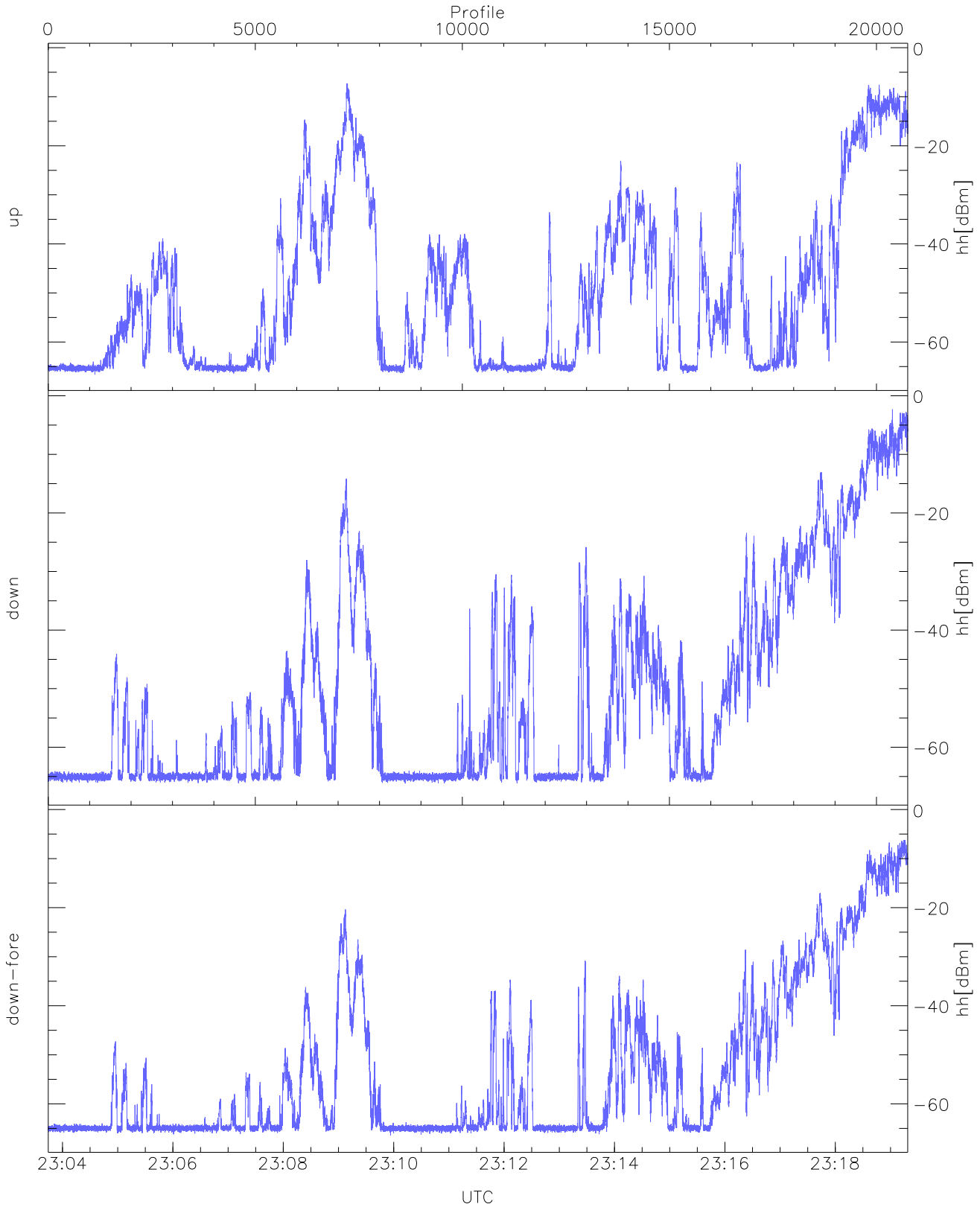
WCR3 CPP Averaged Received power for all recorded gates
blue: 230345-231132, 10379 profiles averaged
red: 231132-231919, 10378 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 230345-231132, 10379 profiles averaged
red: 231132-231919, 10378 profiles averaged

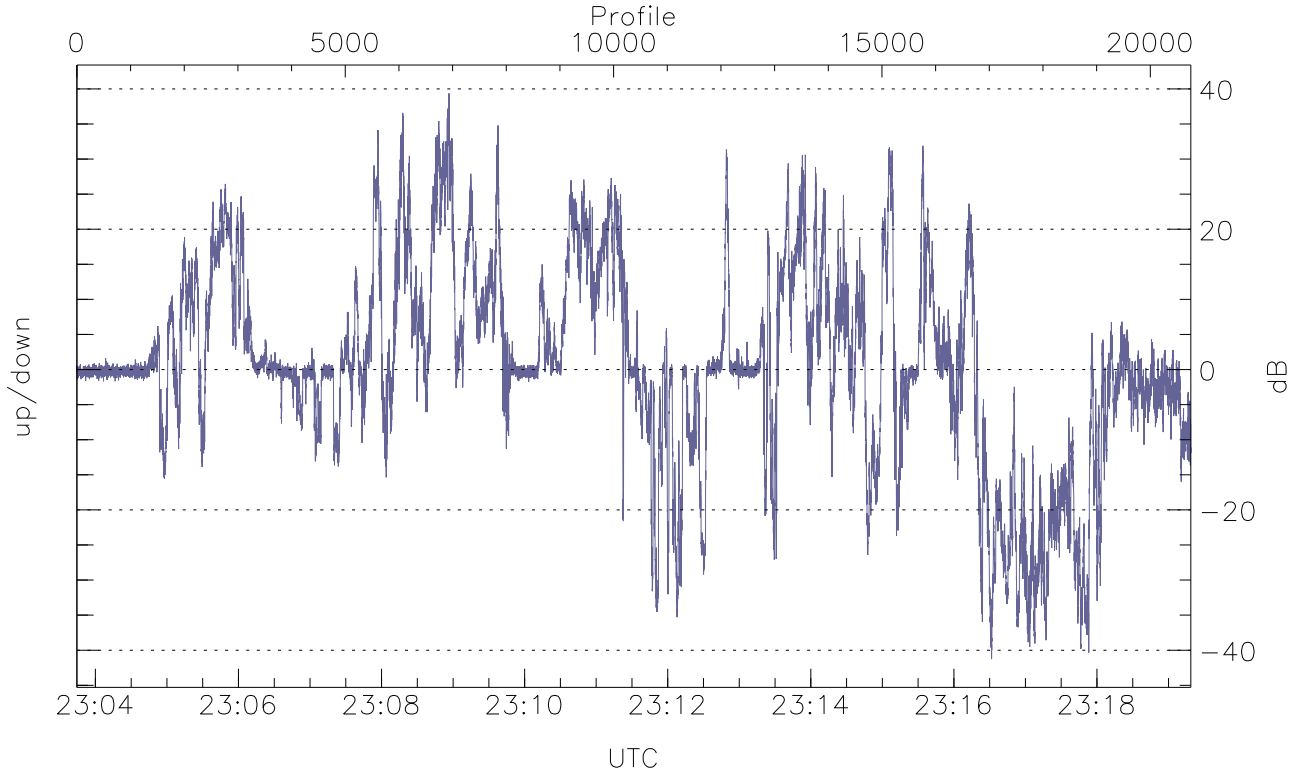


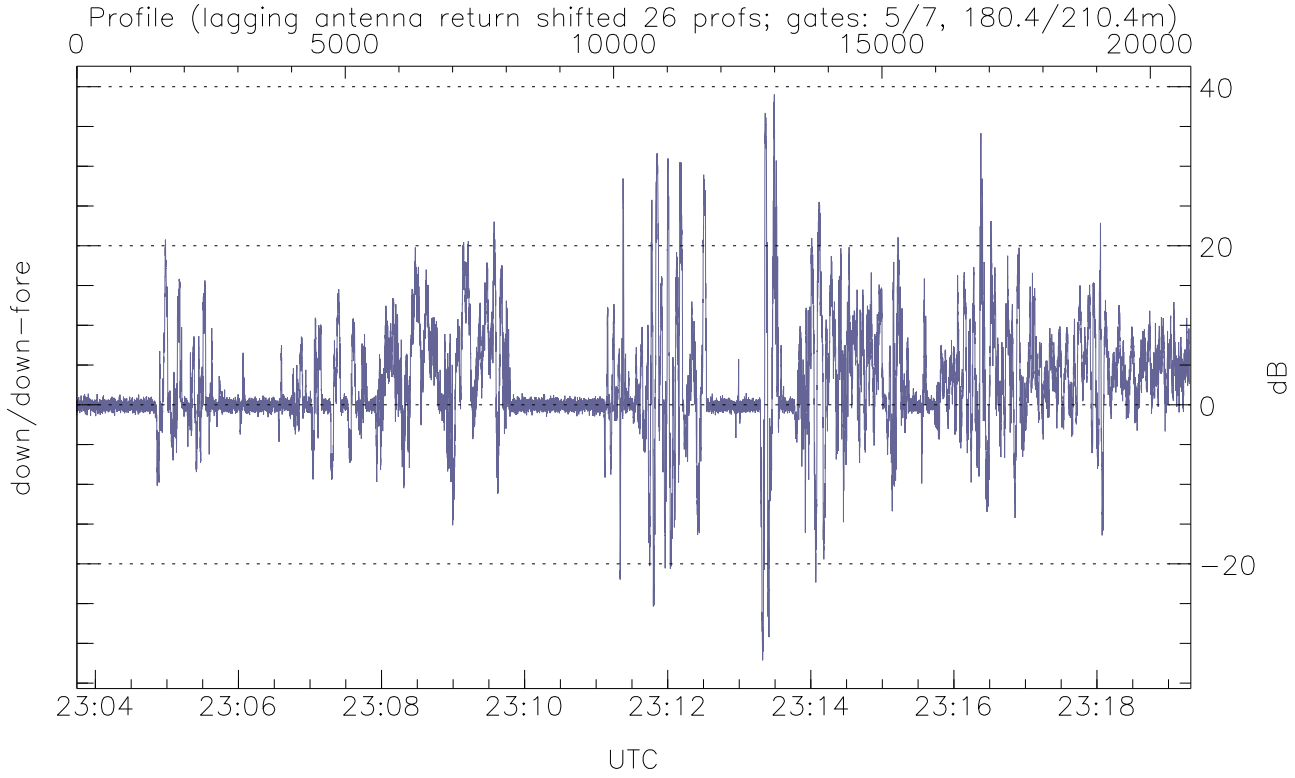
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

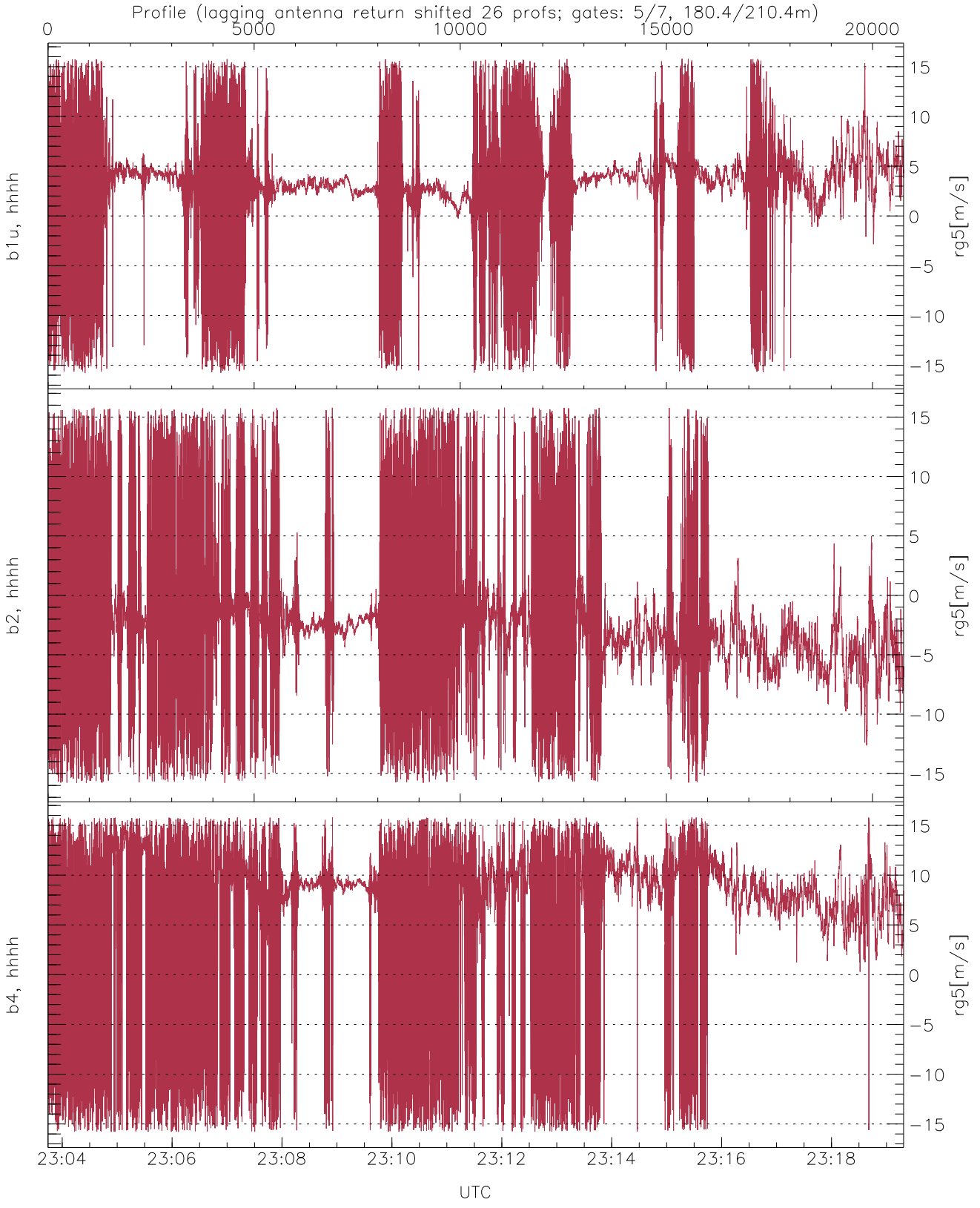
	Min	Max	Mean
up(hh[dBm])	-66.66	-7.32	-23.39
down(hh[dBm])	-66.19	-2.31	-20.29
down-fore(hh[dBm])	-66.47	-6.24	-23.60





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

	Min	Max	Mean
up/down(dB)	-41.26	39.37	0.76
down/down-fore(dB)	-32.13	39.02	2.49



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.77	15.79	2.72	4.73
b2, hhhh(rg5[m/s])	-15.78	15.79	-2.04	5.73
b4, hhhh(rg5[m/s])	-15.79	15.79	4.87	7.63