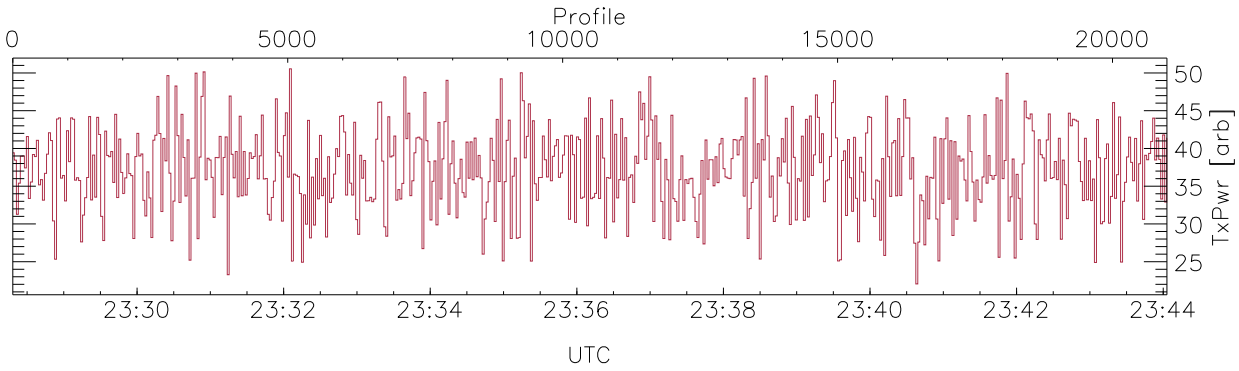
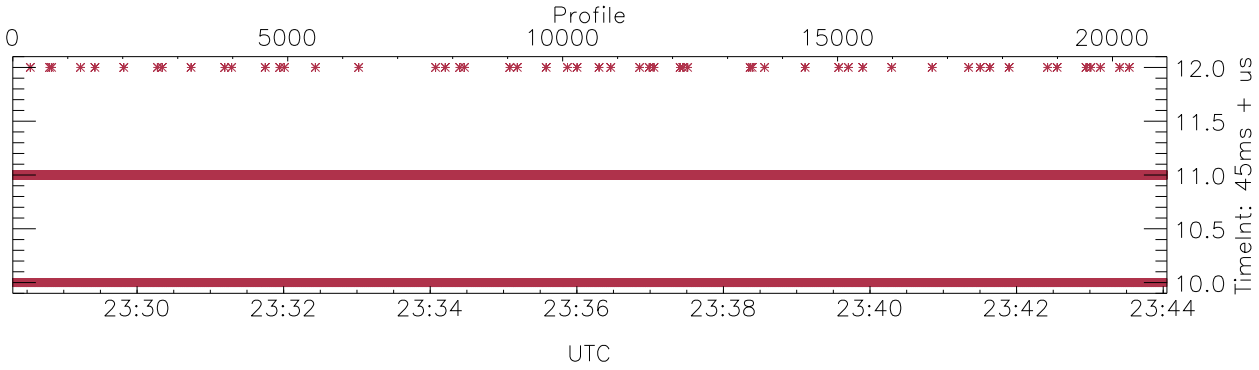
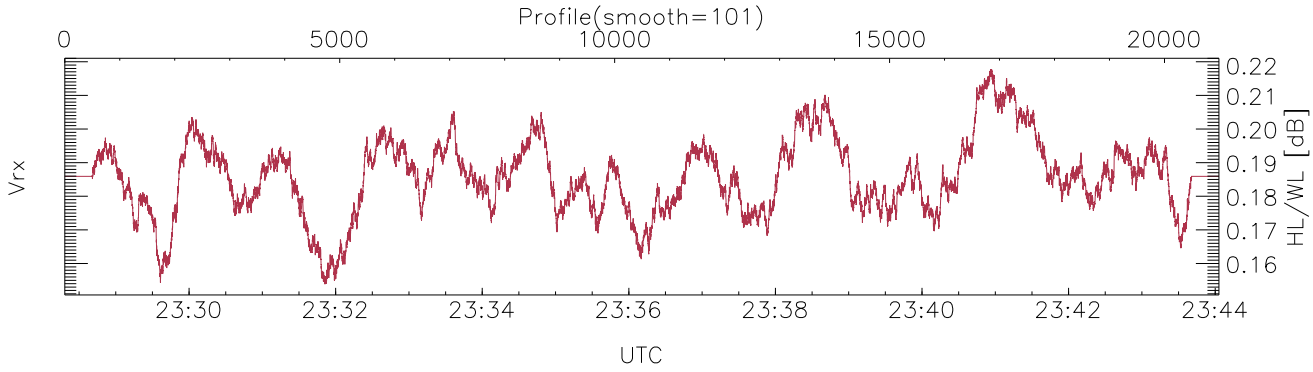
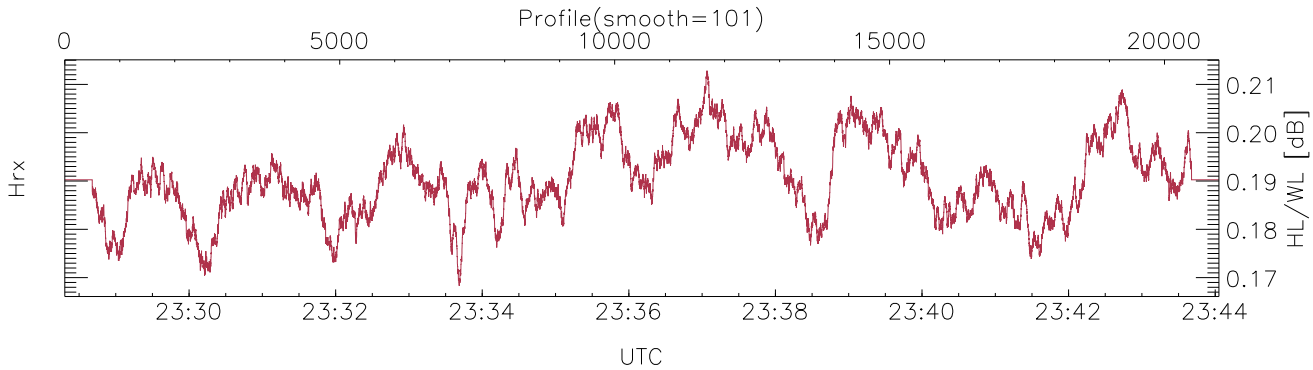


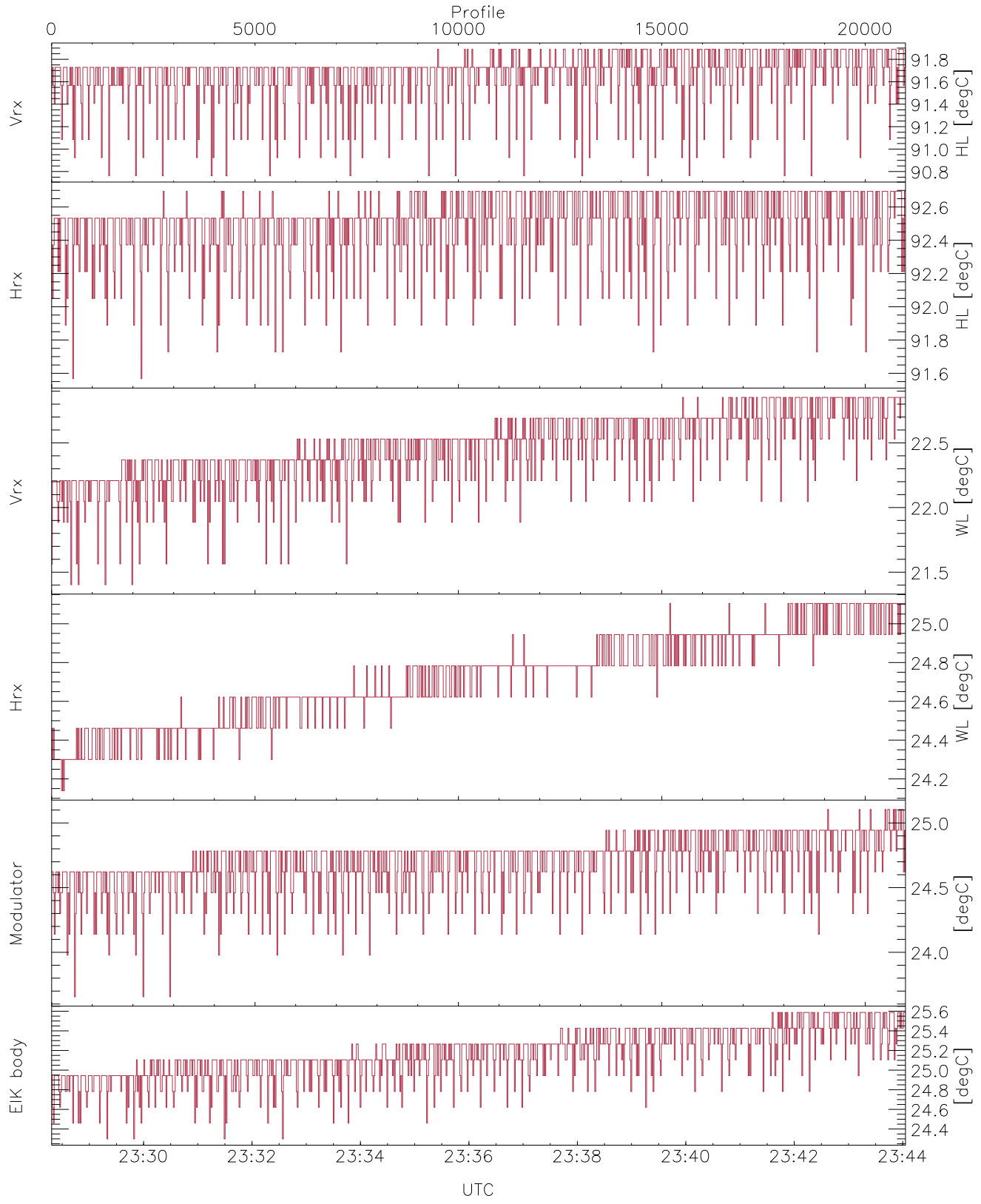






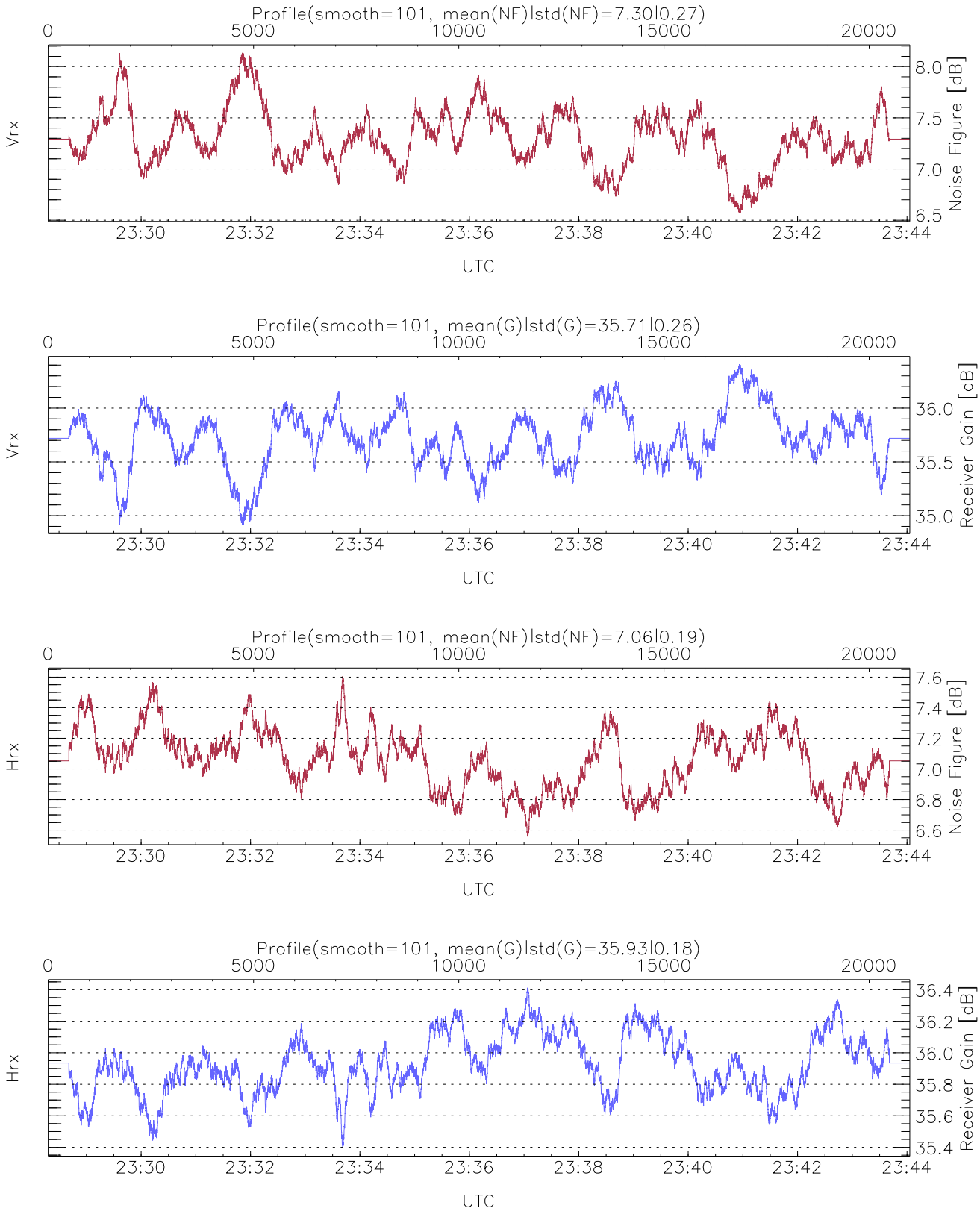
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 23:28:18-23:44:03, TimeCor: 0.00s, Dur: 944.83s
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): 20992/20992, 0-20991/23:28:18-23:44:03
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



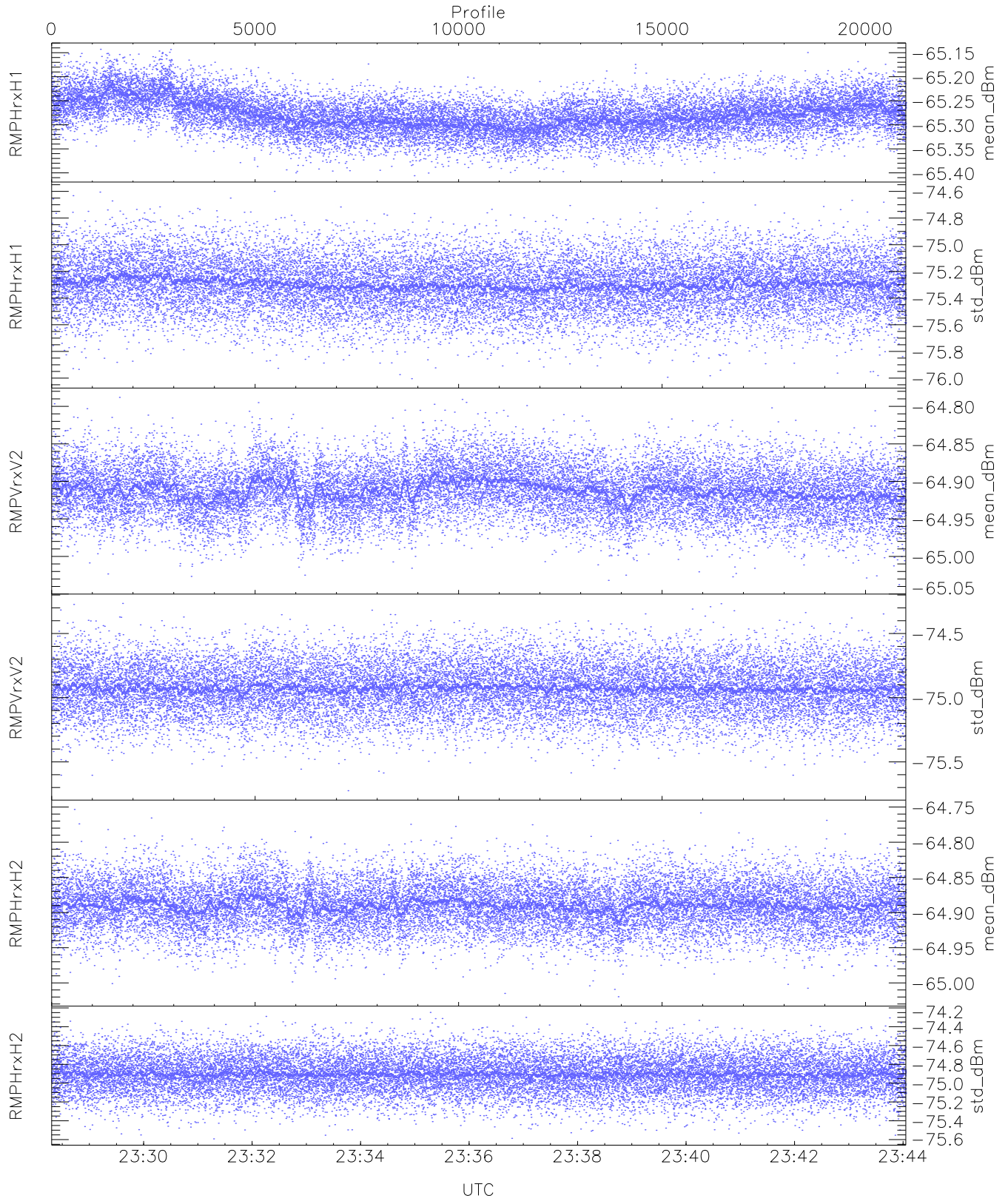
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,21,24,23,24
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,22,25,25,25
LOalarm(20,240,2817,14861 MHz): 0,0,46,0
EIK/Modulator Faults: None



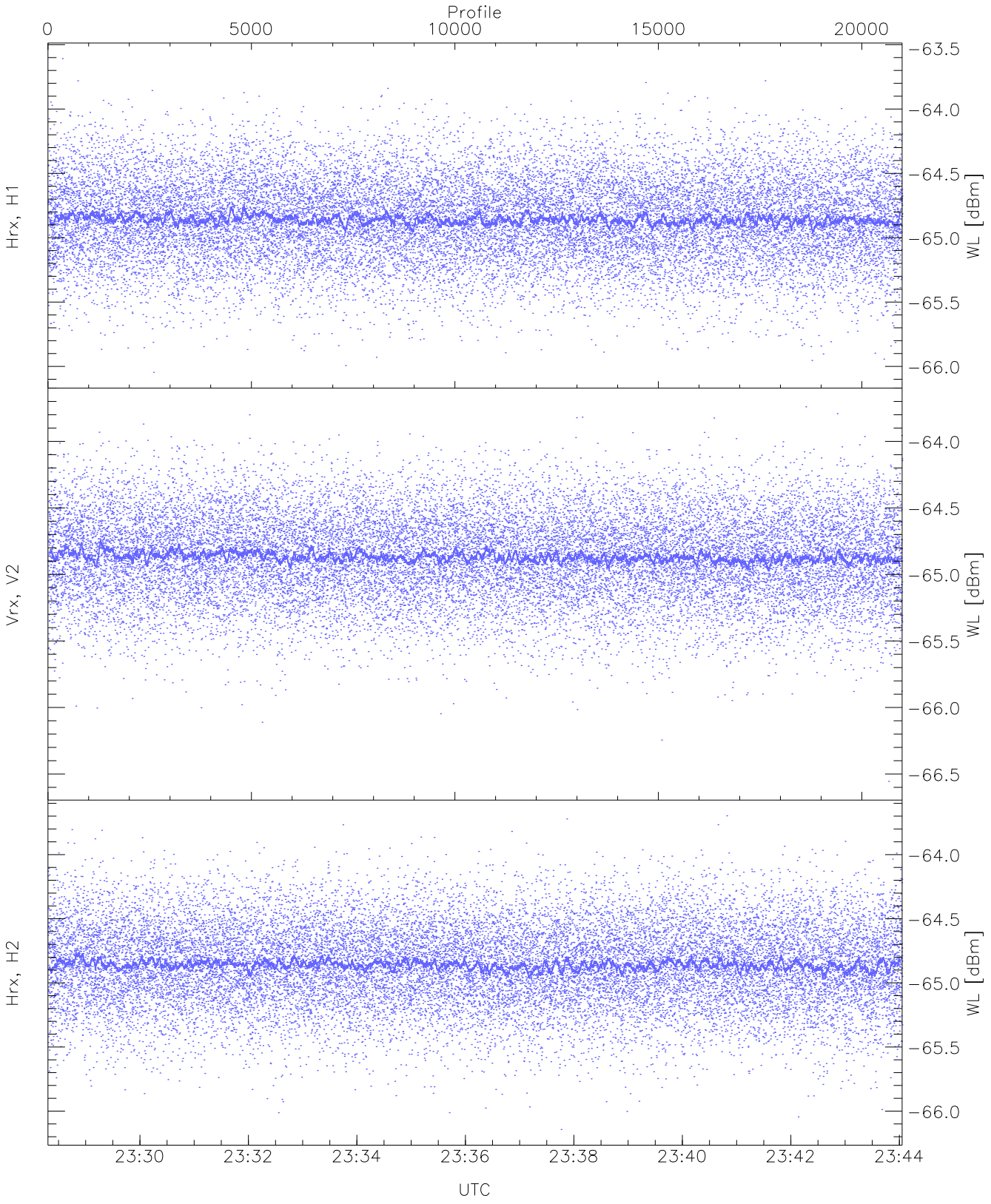
WCR3 CPP Receivers Gain and Noise Figure

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



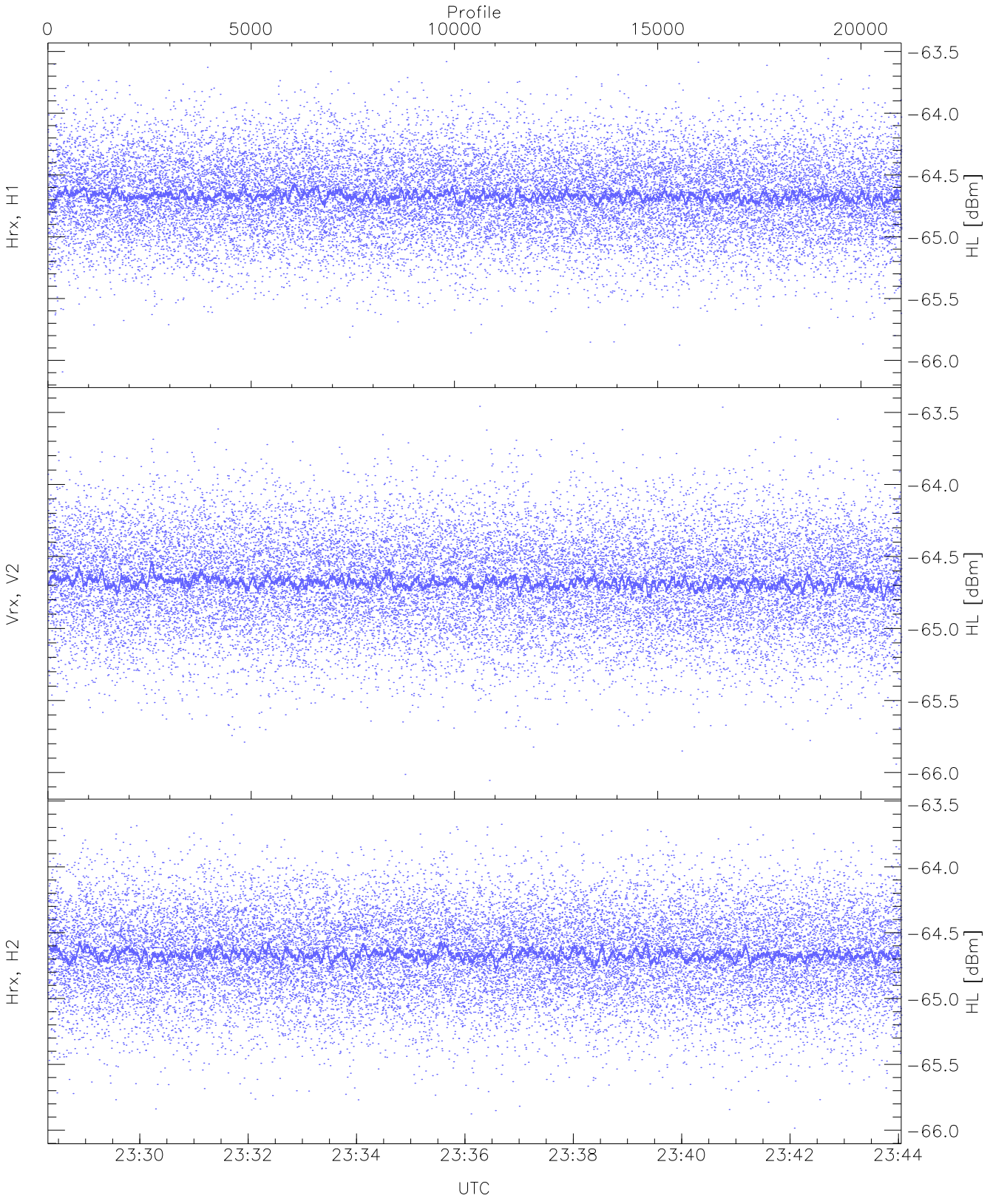
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.41	-65.14	-65.28	-65.28	-85.97
RMPHrxH1(std_dBm)	-76.00	-74.60	-75.29	-75.30	-89.06
RMPVrxV2(mean_dBm)	-65.04	-64.79	-64.91	-64.91	-86.35
RMPVrxV2(std_dBm)	-75.72	-74.27	-74.93	-74.93	-88.70
RMPHrxH2(mean_dBm)	-65.02	-64.75	-64.89	-64.89	-86.43
RMPHrxH2(std_dBm)	-75.59	-74.25	-74.90	-74.91	-88.69



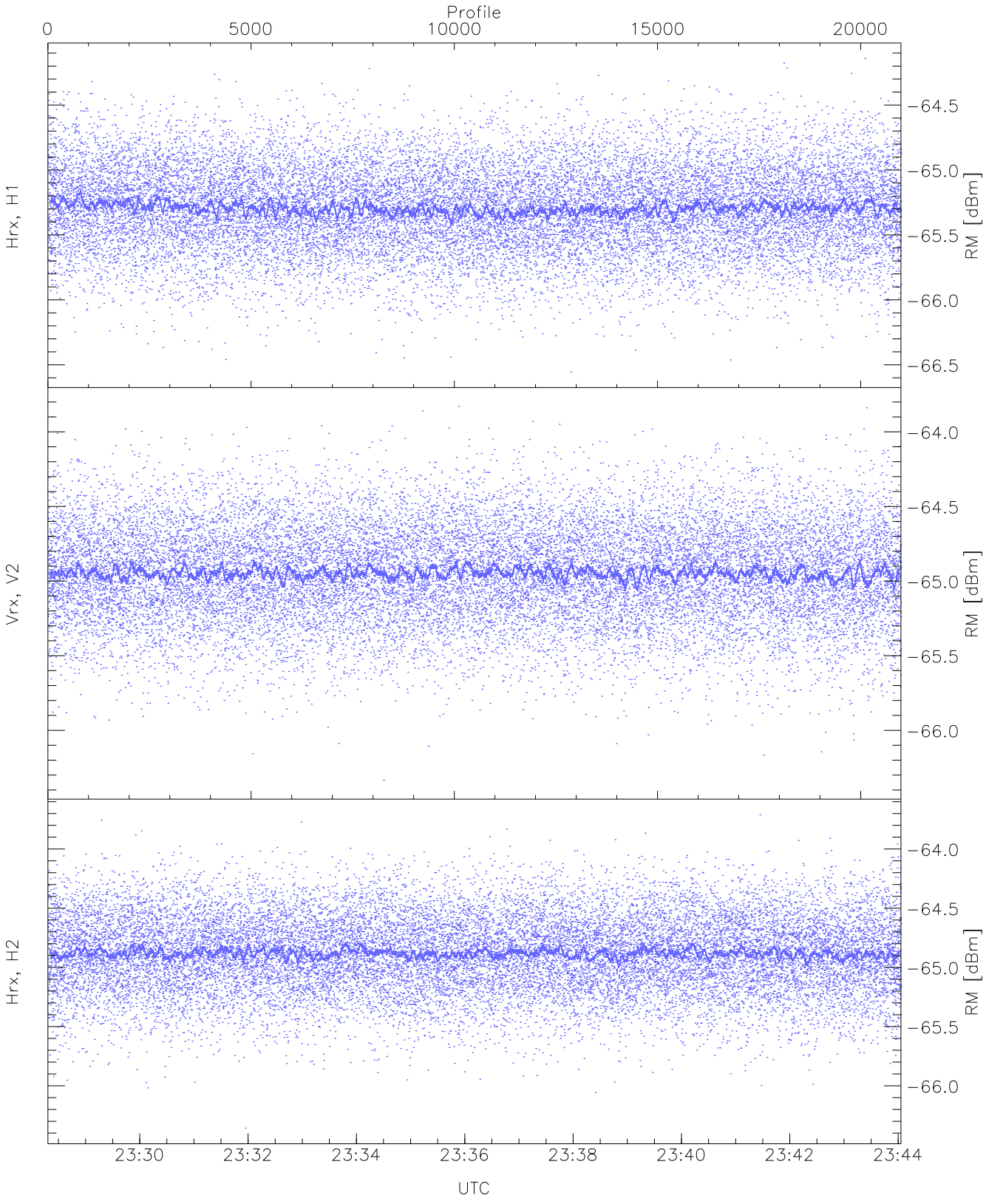
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.05	-63.61	-64.85	-64.86	-76.33
Vrx, V2(WL [dBm])	-66.56	-63.74	-64.86	-64.87	-76.34
Hrx, H2(WL [dBm])	-66.14	-63.70	-64.85	-64.86	-76.35



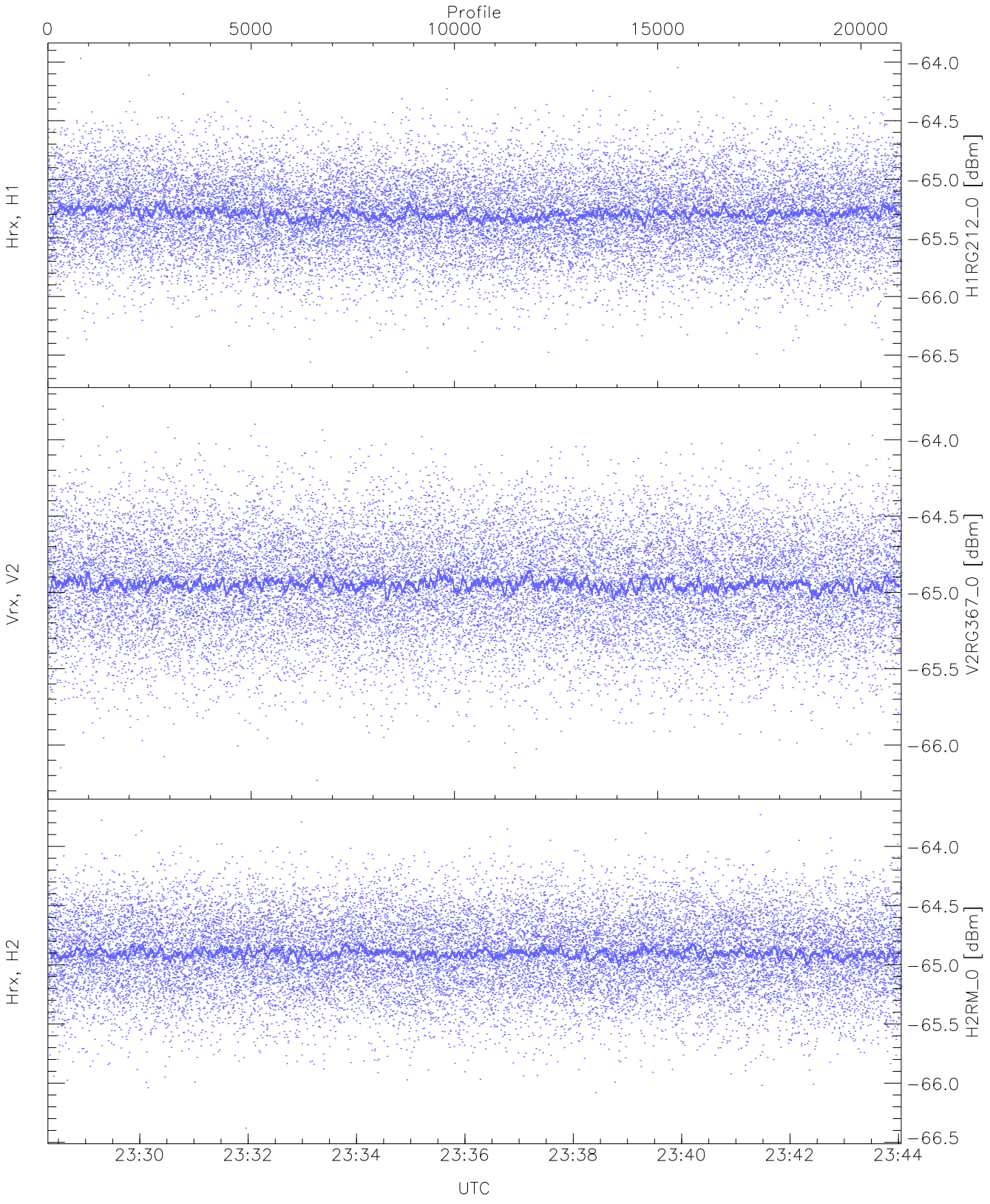
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-66.09	-63.56	-64.66	-64.67	-76.20
Vrx, V2(HL [dBm])	-66.05	-63.46	-64.67	-64.68	-76.17
Hrx, H2(HL [dBm])	-65.98	-63.60	-64.66	-64.67	-76.16



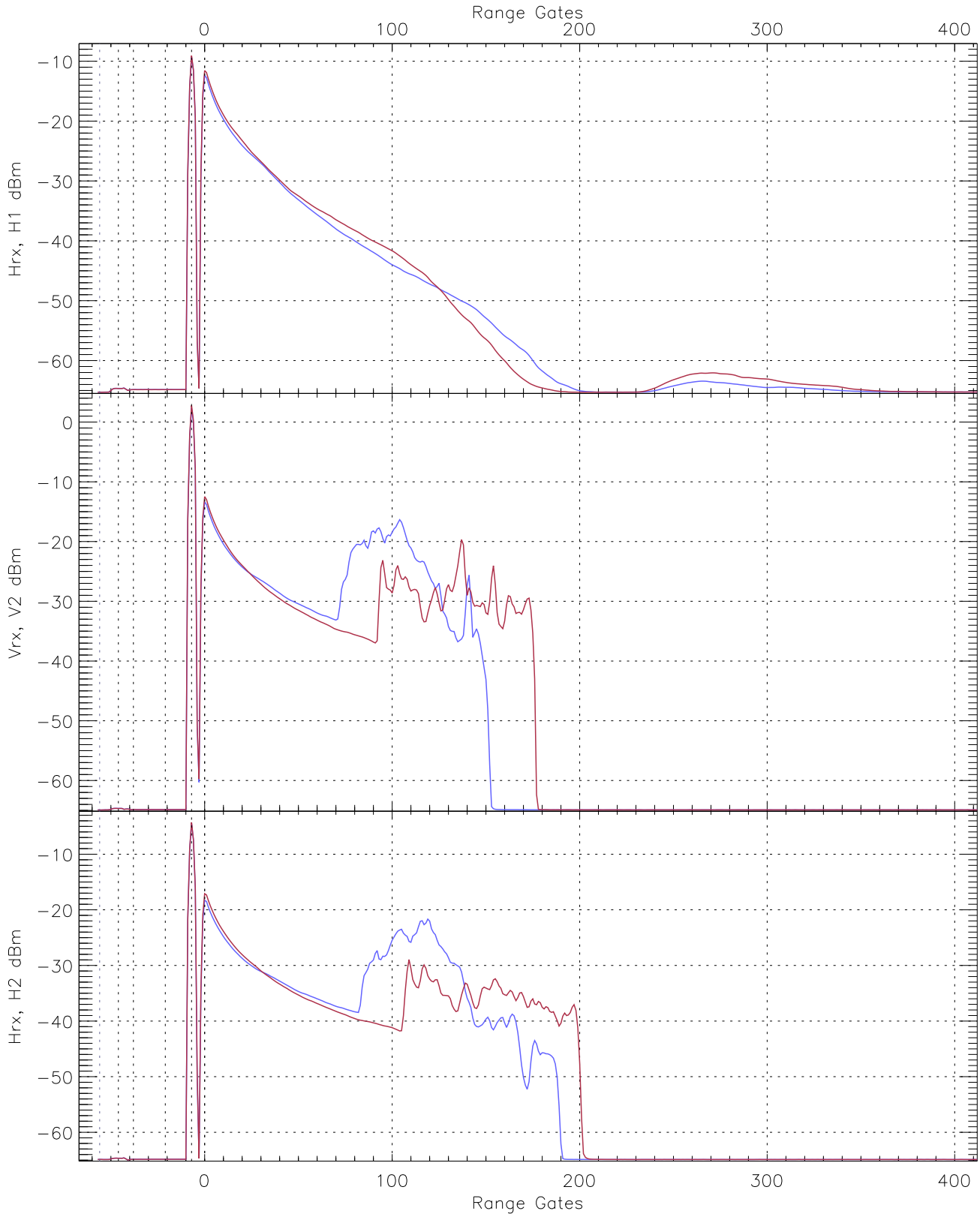
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.55	-64.14	-65.29	-65.29	-76.75
Vrx, V2(RM [dBm])	-66.34	-63.83	-64.94	-64.95	-76.45
Hrx, H2(RM [dBm])	-66.36	-63.71	-64.87	-64.88	-76.39

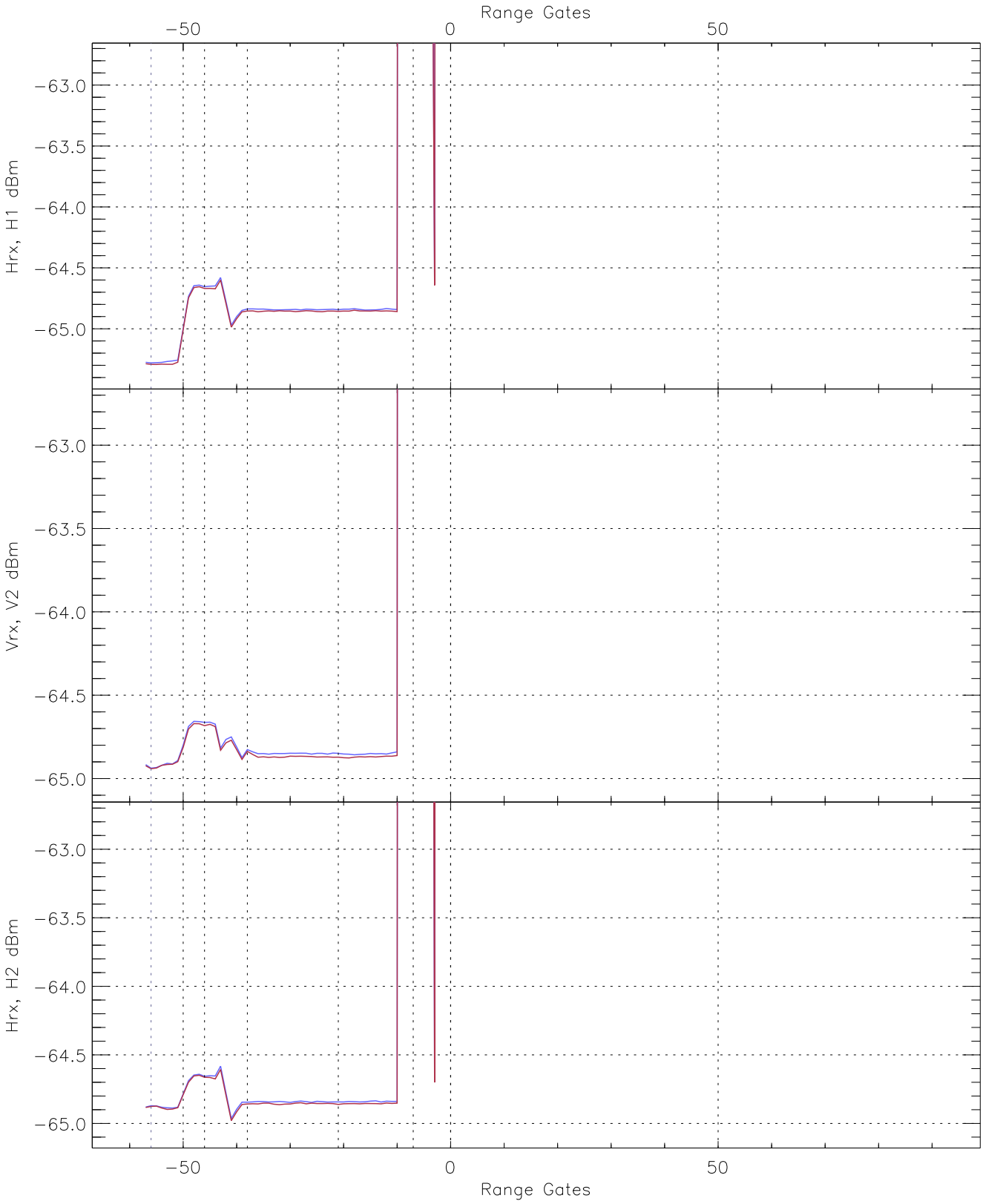


WCR3 CPP "Best" estimate Receivers Noise Power

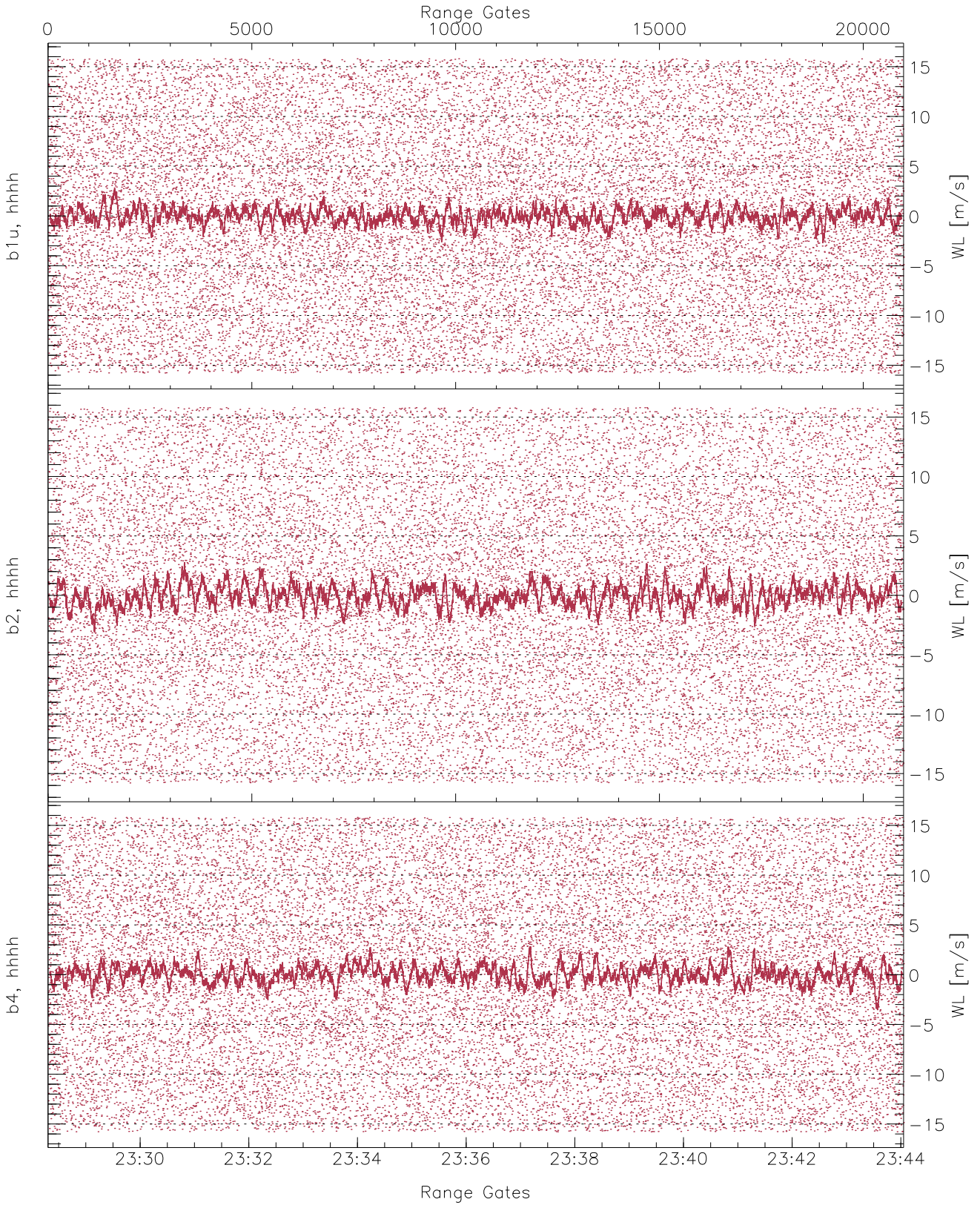
	Min	Max	Mean	Median	StDev
H1RG212_0 [dBm]	-66.64	-63.97	-65.29	-65.29	-76.77
V2RG367_0 [dBm]	-66.23	-63.78	-64.94	-64.95	-76.48
H2RM_0 [dBm]	-66.38	-63.73	-64.90	-64.90	-76.41



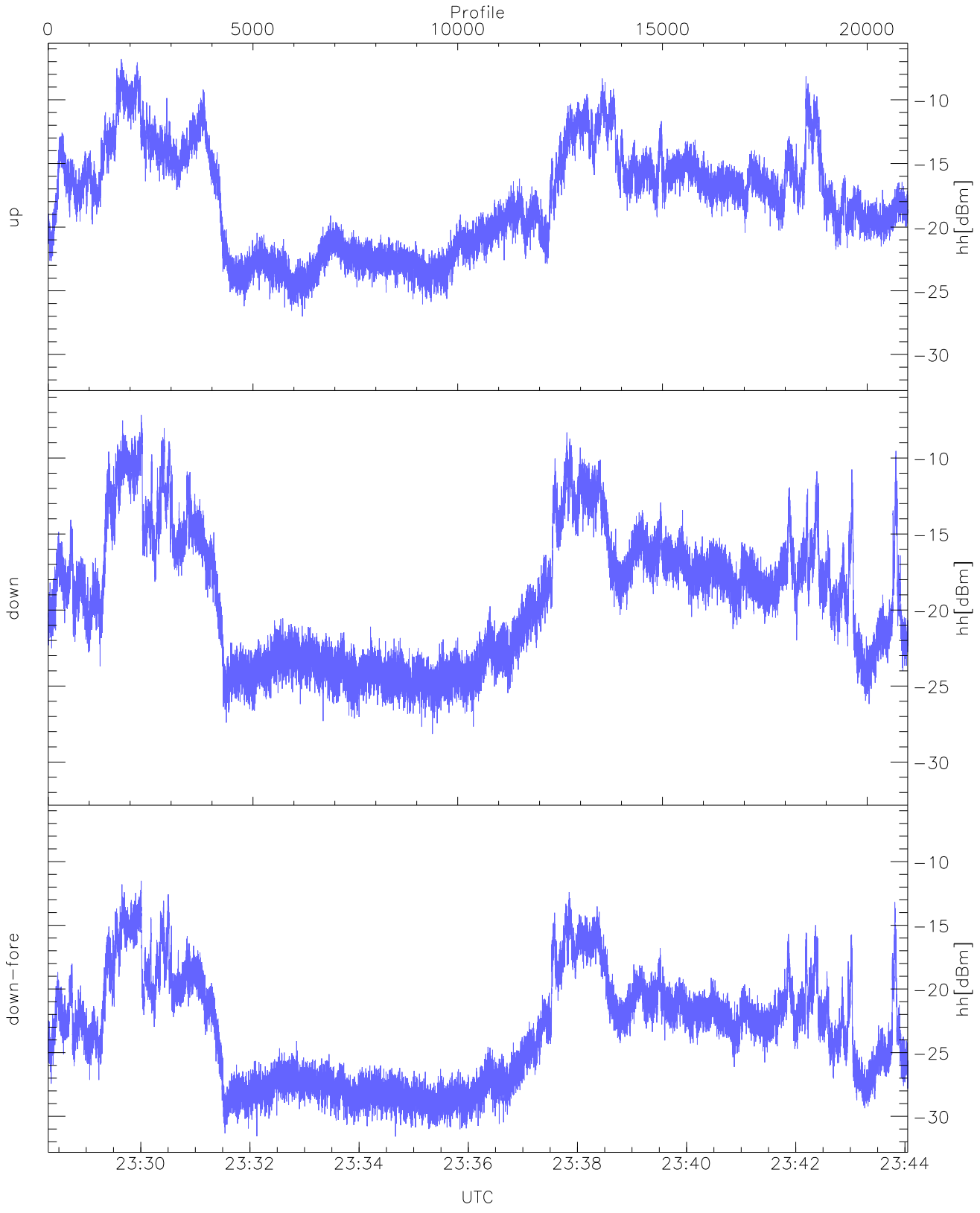
WCR3 CPP Averaged Received power for all recorded gates
blue: 232818-233611, 10497 profiles averaged
red: 233611-234403, 10496 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 232818-233611, 10497 profiles averaged
red: 233611-234403, 10496 profiles averaged

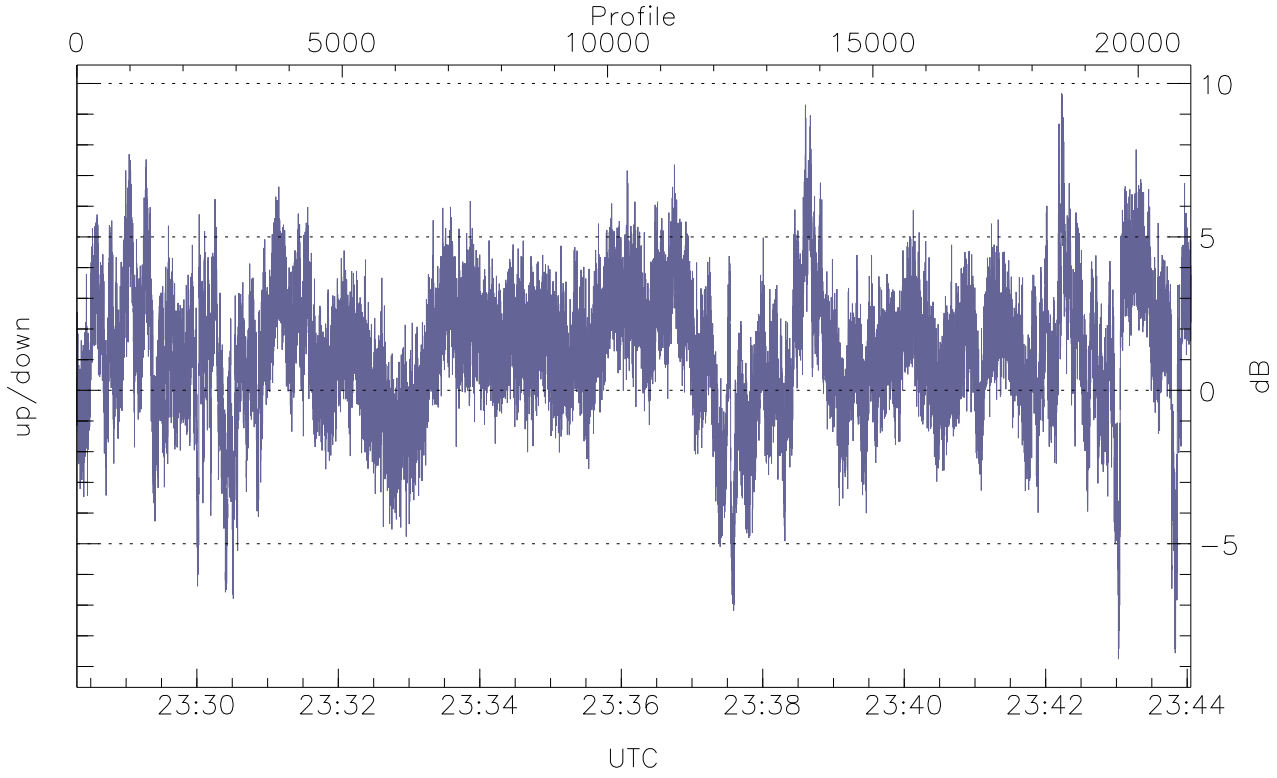


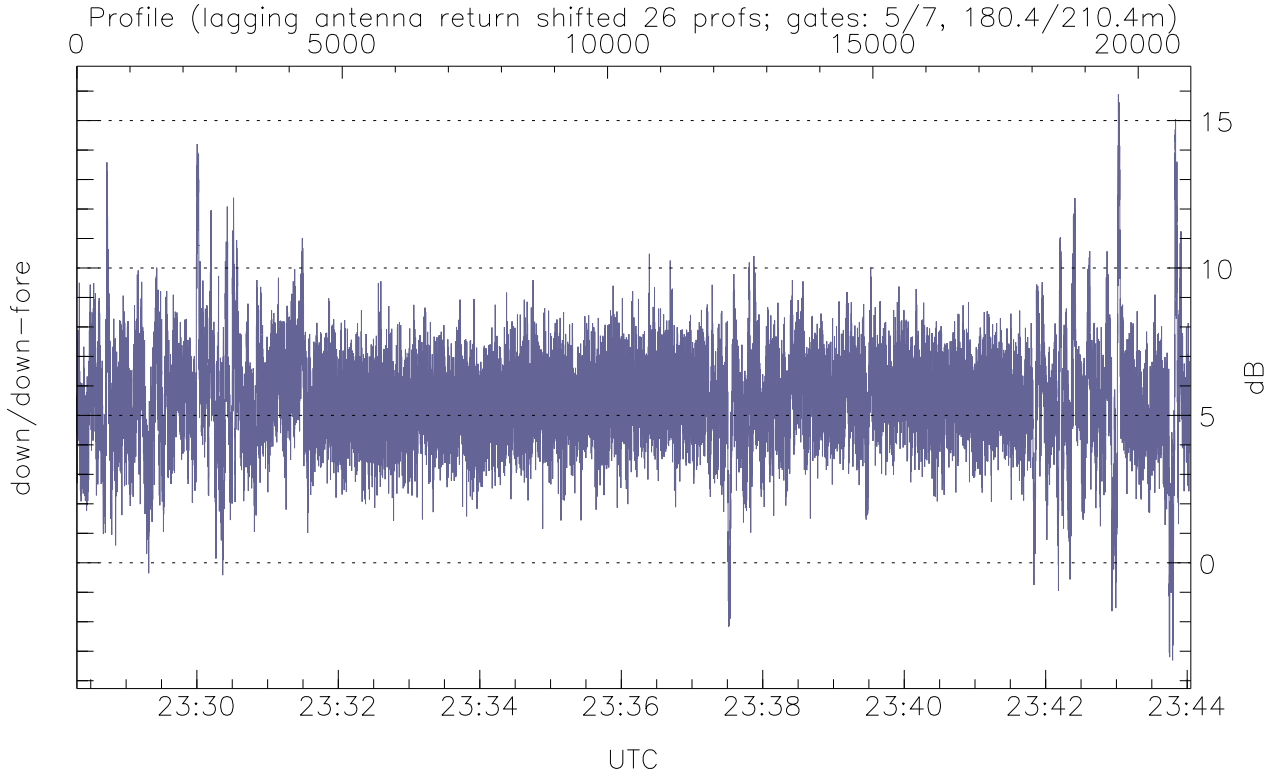
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

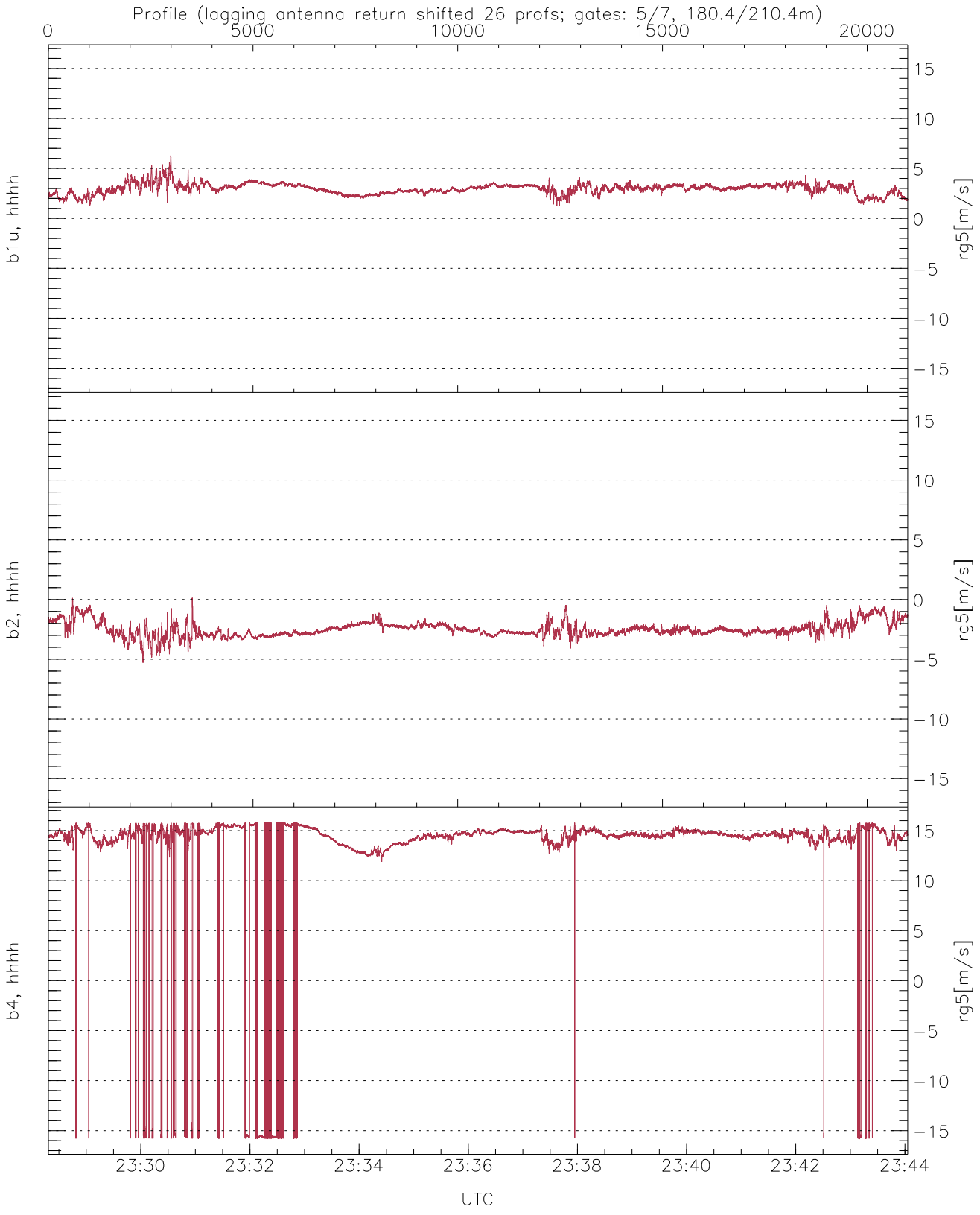
	Min	Max	Mean
up(hh[dBm])	-27.02	-6.80	-16.07
down(hh[dBm])	-28.15	-7.17	-17.02
down-fore(hh[dBm])	-31.59	-11.51	-21.33





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

	Min	Max	Mean
up/down(dB)	-8.76	9.68	1.28
down/down-fore(dB)	-3.31	15.88	5.55



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	1.24	6.29	2.96	0.53
b2, hhhh(rg5[m/s])	-5.30	0.14	-2.49	0.61
b4, hhhh(rg5[m/s])	-15.79	15.79	13.07	6.58