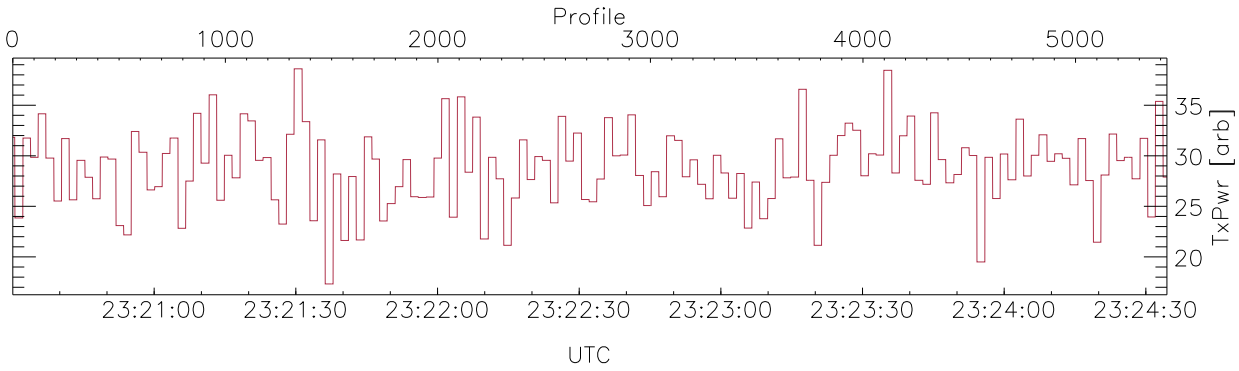
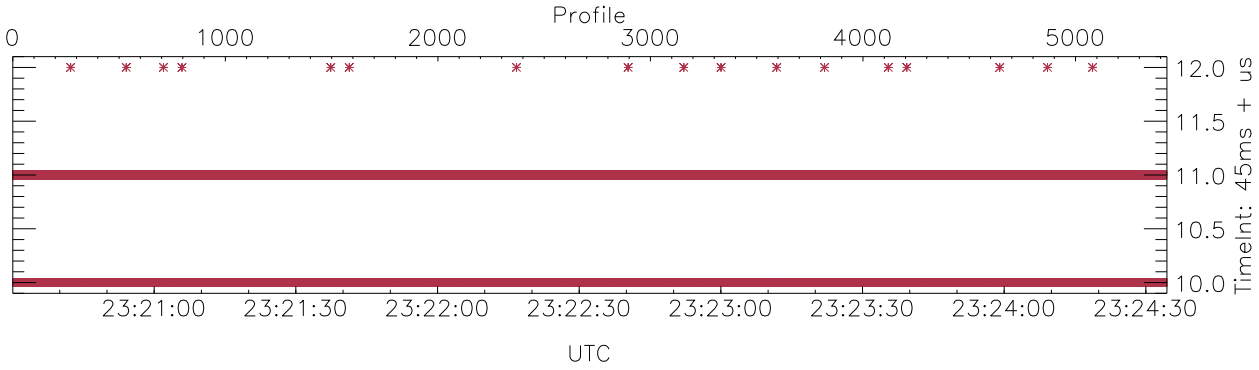
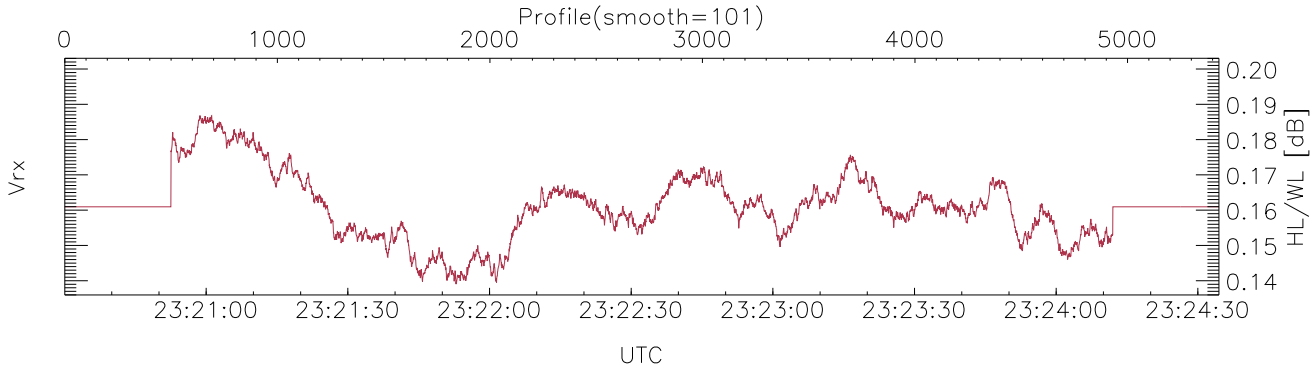
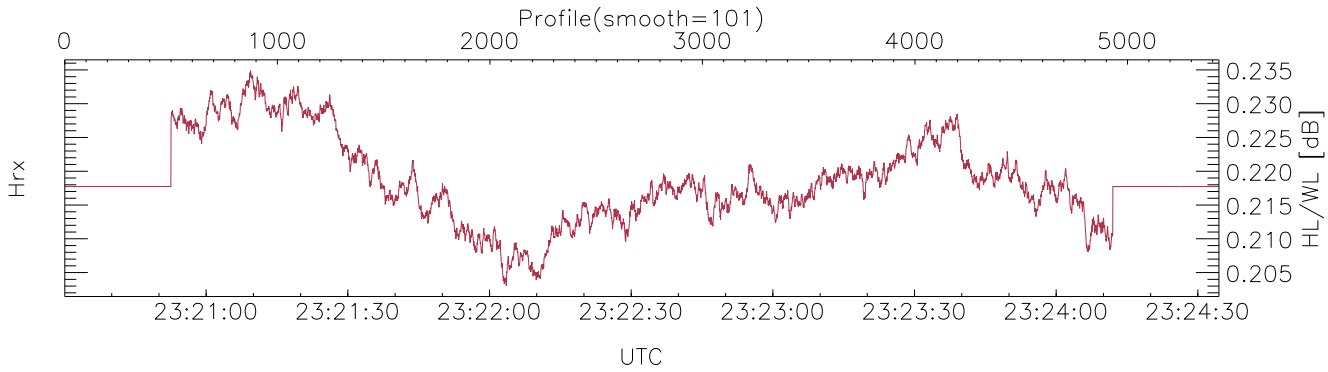


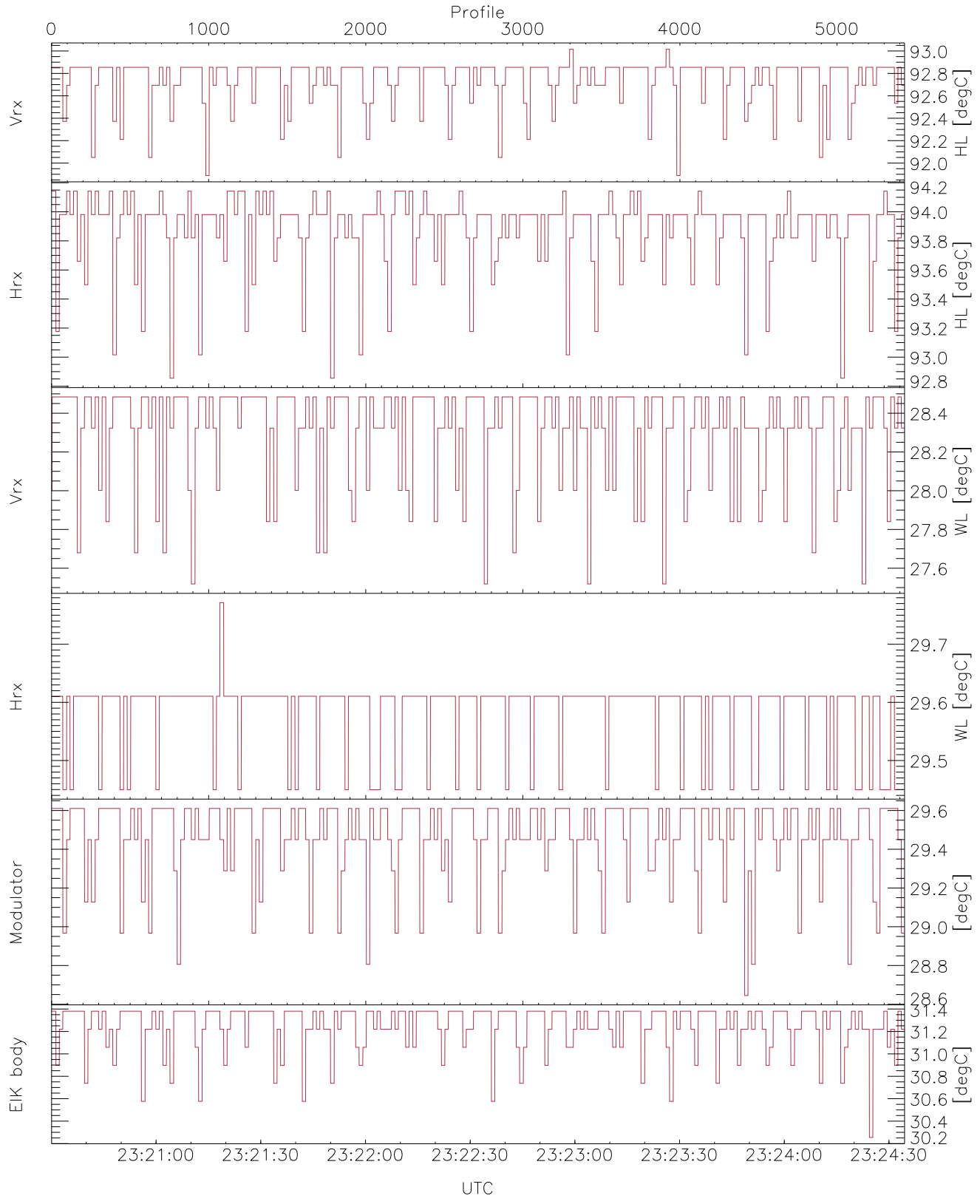






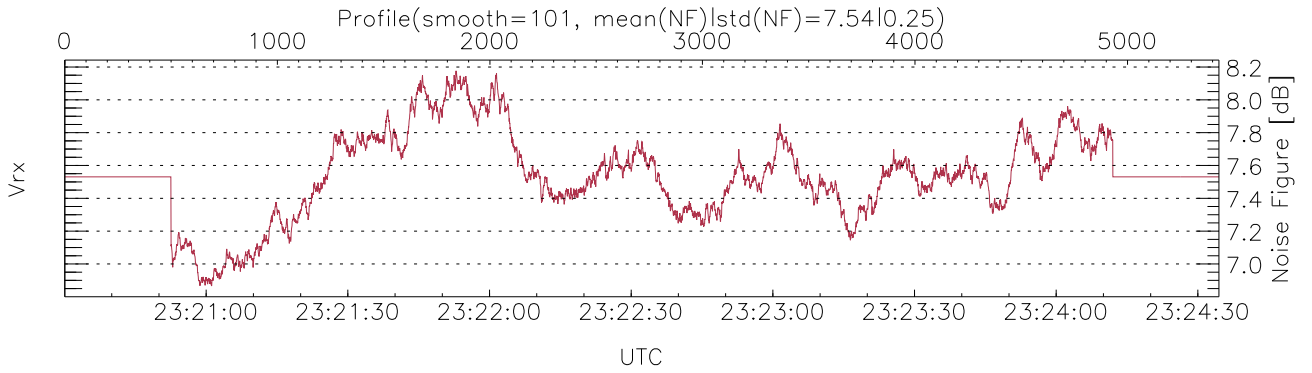
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

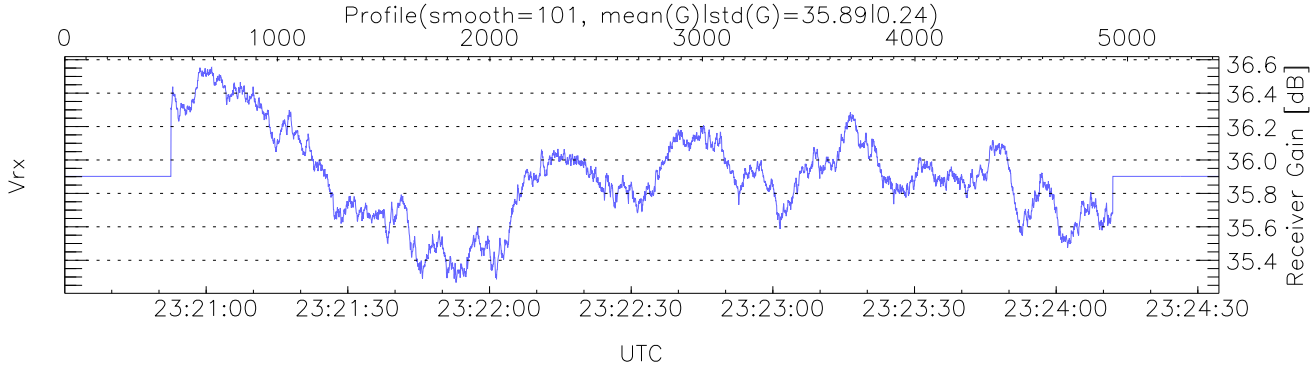
UTC: 23:20:30-23:24:34, TimeCor: 0.00s, Dur: 244.41s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
NumRec(r/t): 5431/5431, 0-5430/23:20:30-23:24:34
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: H1 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

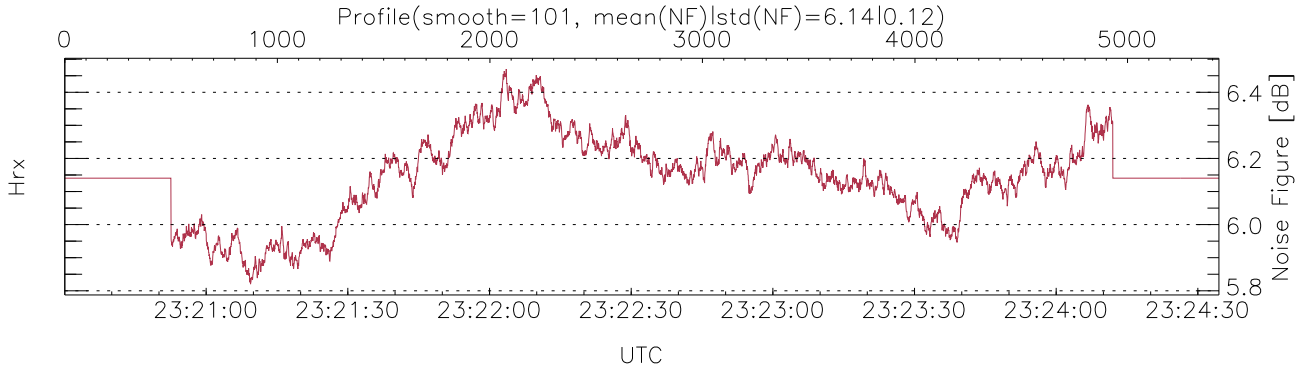


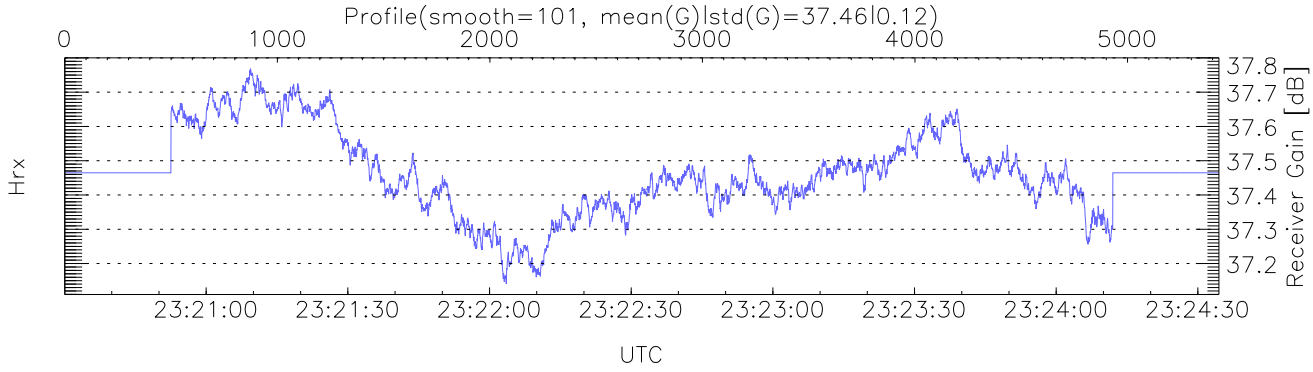
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,27,29,28,30
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,28,29,29,31
LOalarm(20,240,2817,14861 MHz): None
EIK/Modulator Faults: None



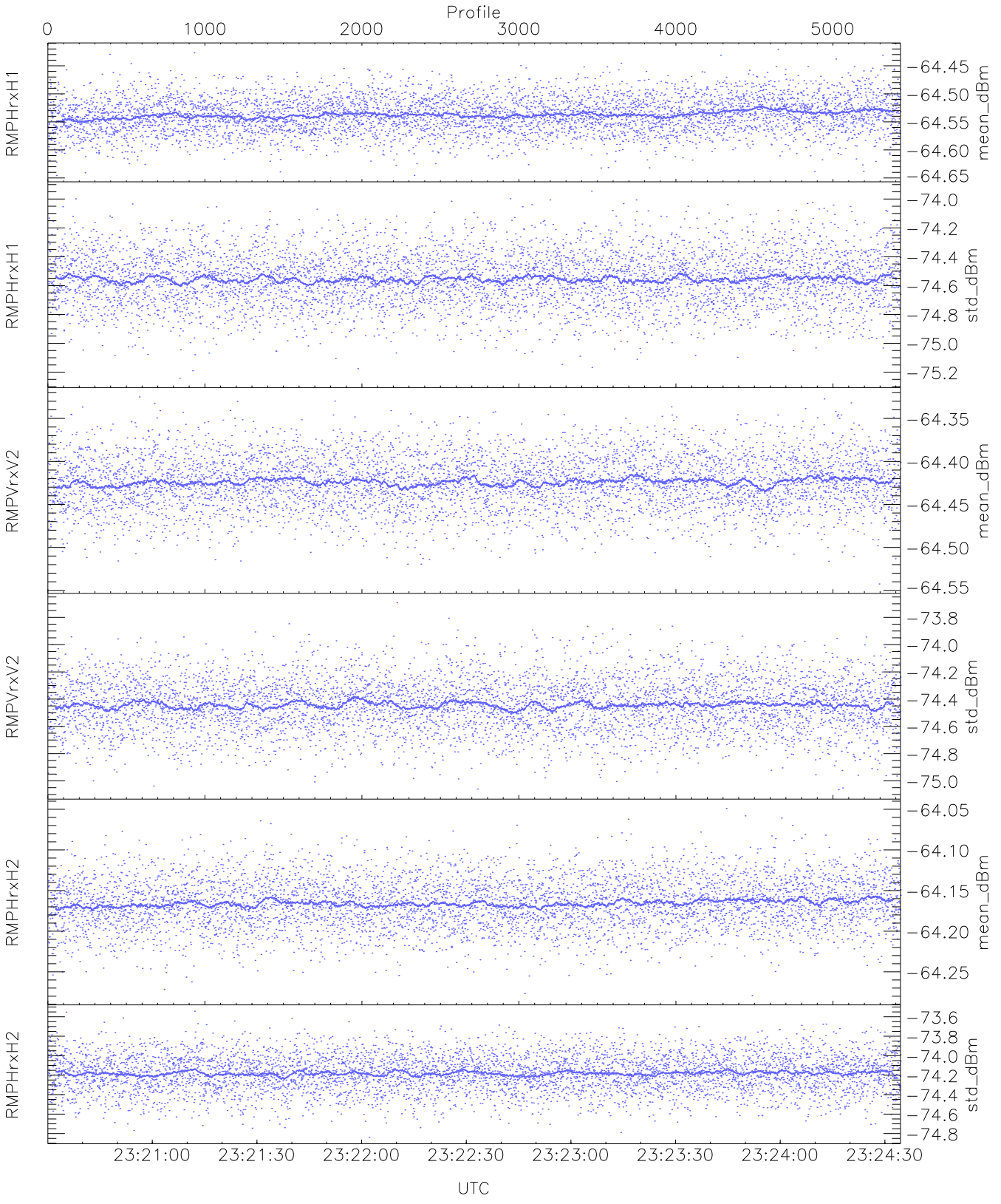






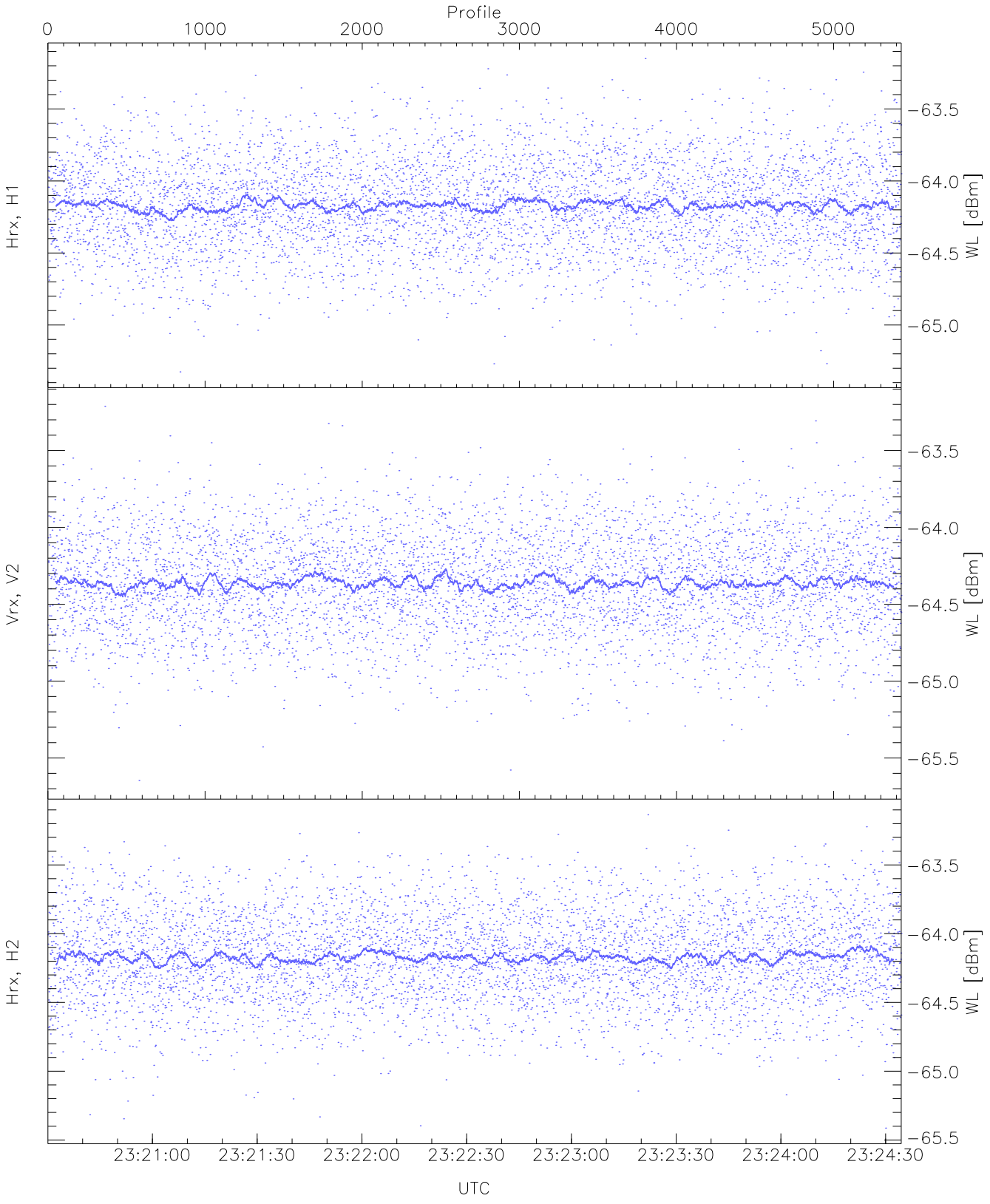
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 16 pixs, 2 gates, 16 profs, 1 prod(s)



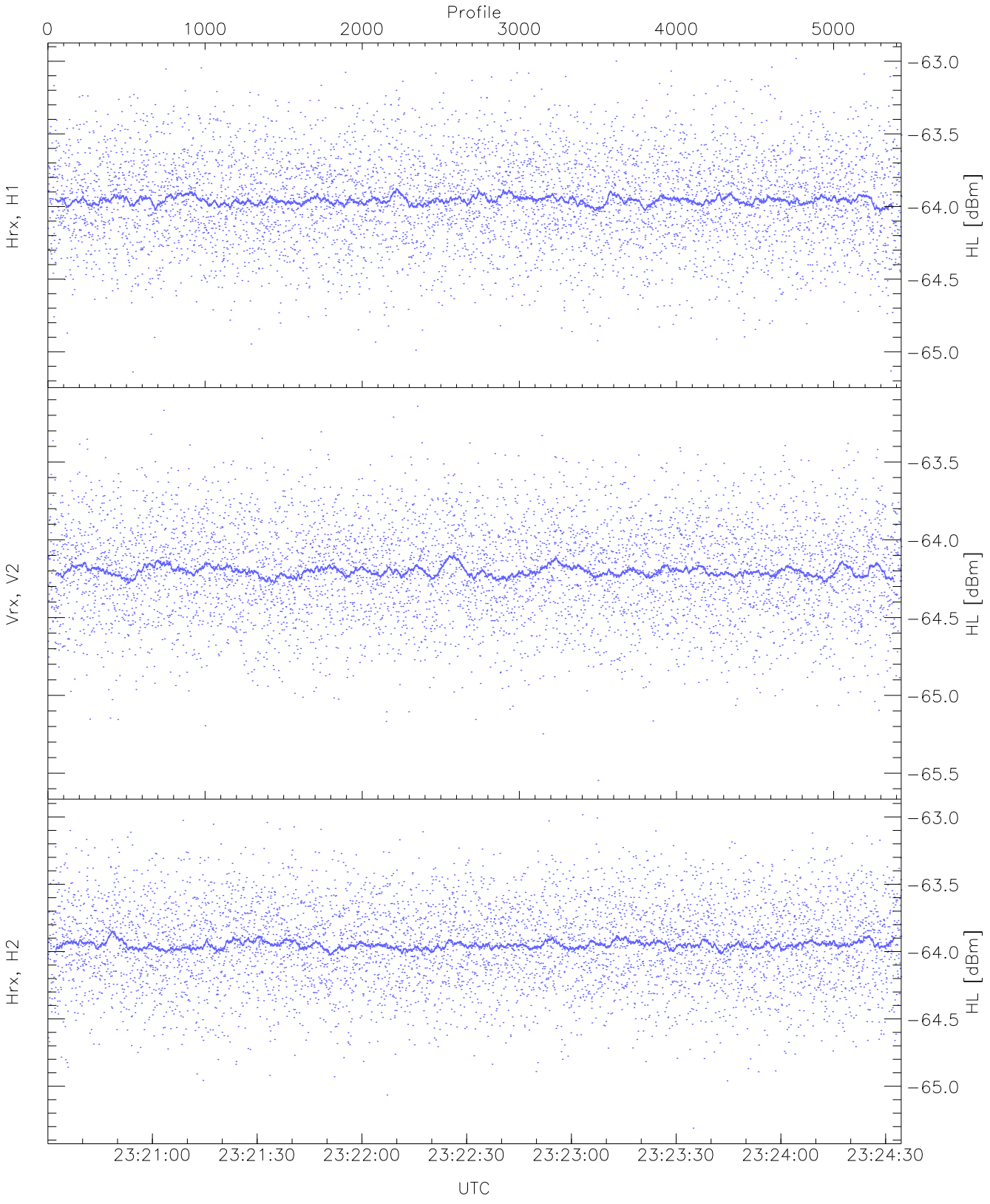
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-64.65	-64.42	-64.54	-64.54	-86.05
RMPHrxH1(std_dBm)	-75.24	-73.95	-74.55	-74.56	-88.33
RMPVrxV2(mean_dBm)	-64.54	-64.32	-64.42	-64.42	-86.02
RMPVrxV2(std_dBm)	-75.07	-73.69	-74.44	-74.44	-88.14
RMPHrxH2(mean_dBm)	-64.28	-64.05	-64.17	-64.17	-85.84
RMPHrxH2(std_dBm)	-74.84	-73.54	-74.18	-74.18	-87.95



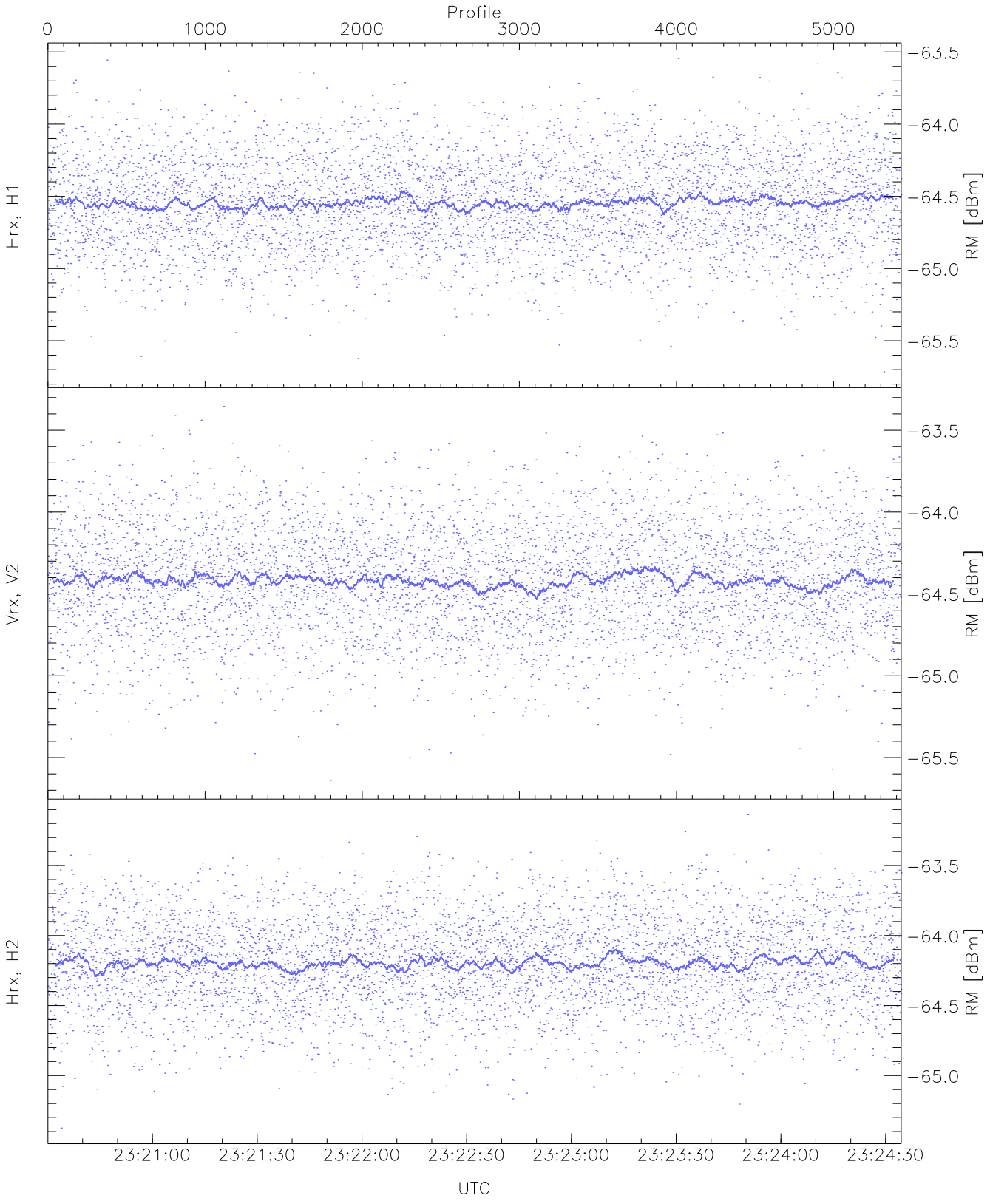
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-65.33	-63.15	-64.16	-64.17	-75.73
Vrx, V2(WL [dBm])	-65.65	-63.21	-64.35	-64.36	-75.90
Hrx, H2(WL [dBm])	-65.41	-63.14	-64.16	-64.17	-75.64



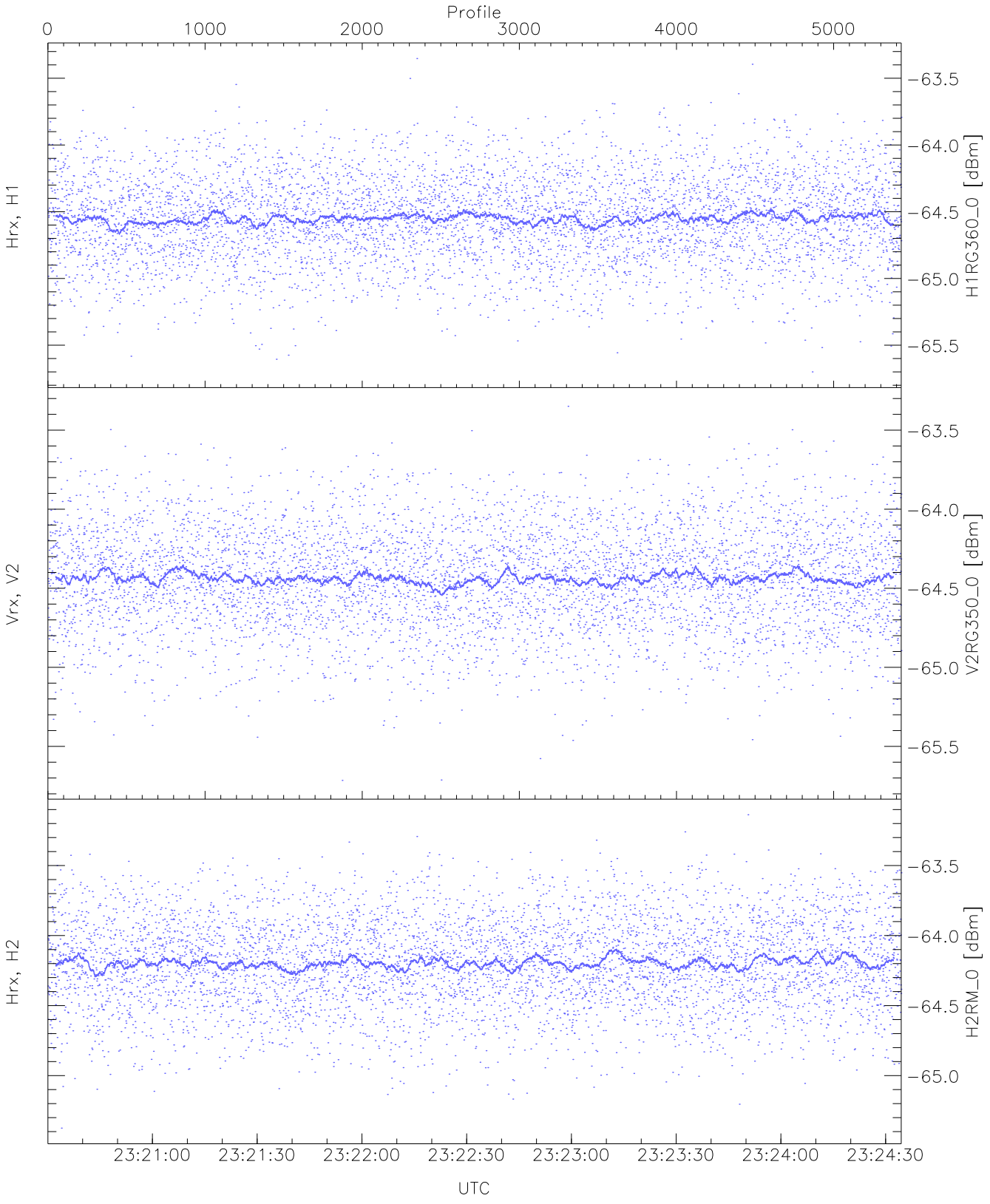
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.14	-62.98	-63.95	-63.96	-75.45
Vrx, V2(HL [dBm])	-65.55	-63.14	-64.19	-64.20	-75.80
Hrx, H2(HL [dBm])	-65.31	-62.98	-63.94	-63.95	-75.40



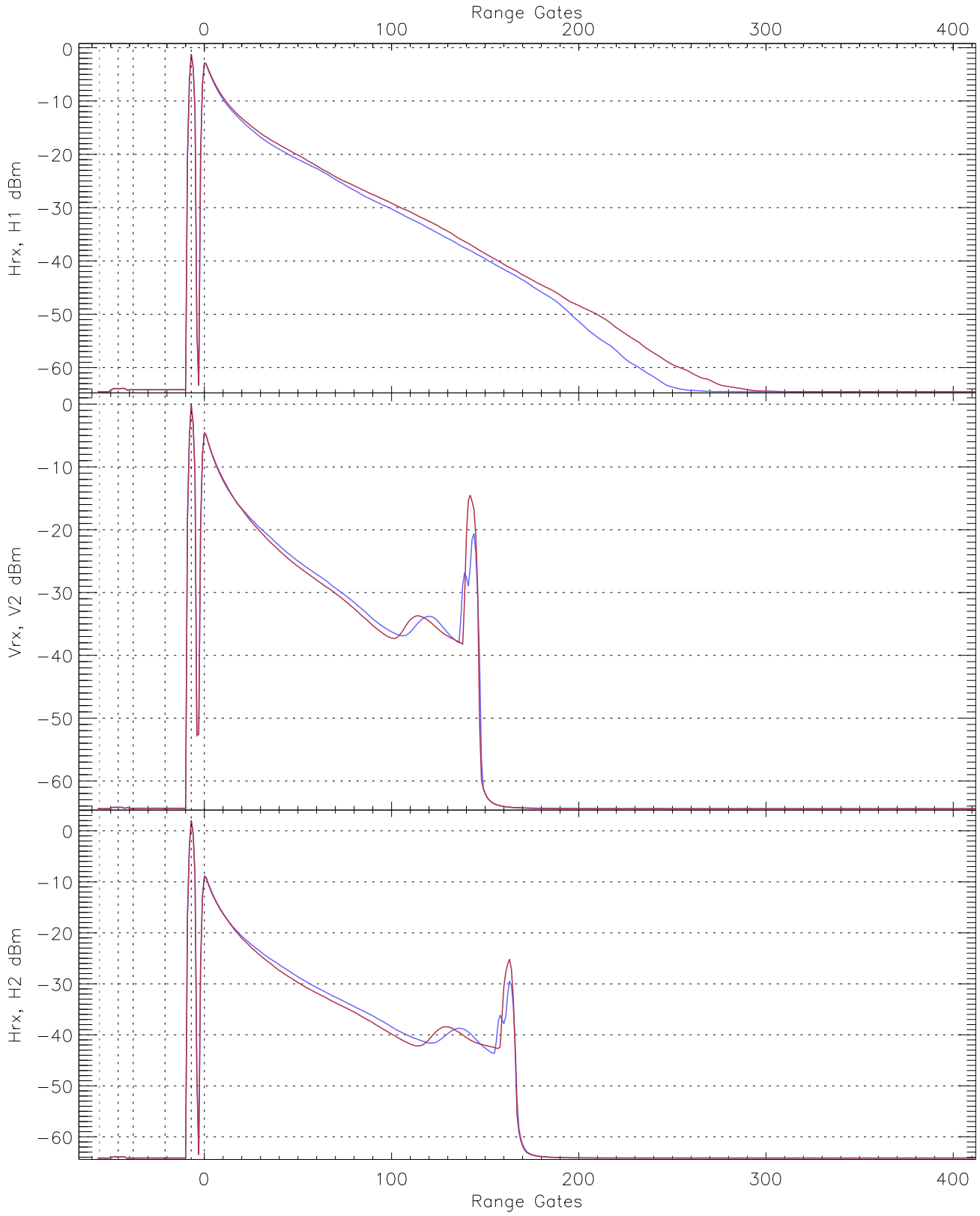
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-65.72	-63.55	-64.54	-64.54	-76.12
Vrx, V2(RM [dBm])	-65.64	-63.35	-64.41	-64.41	-75.87
Hrx, H2(RM [dBm])	-65.37	-63.14	-64.19	-64.19	-75.75

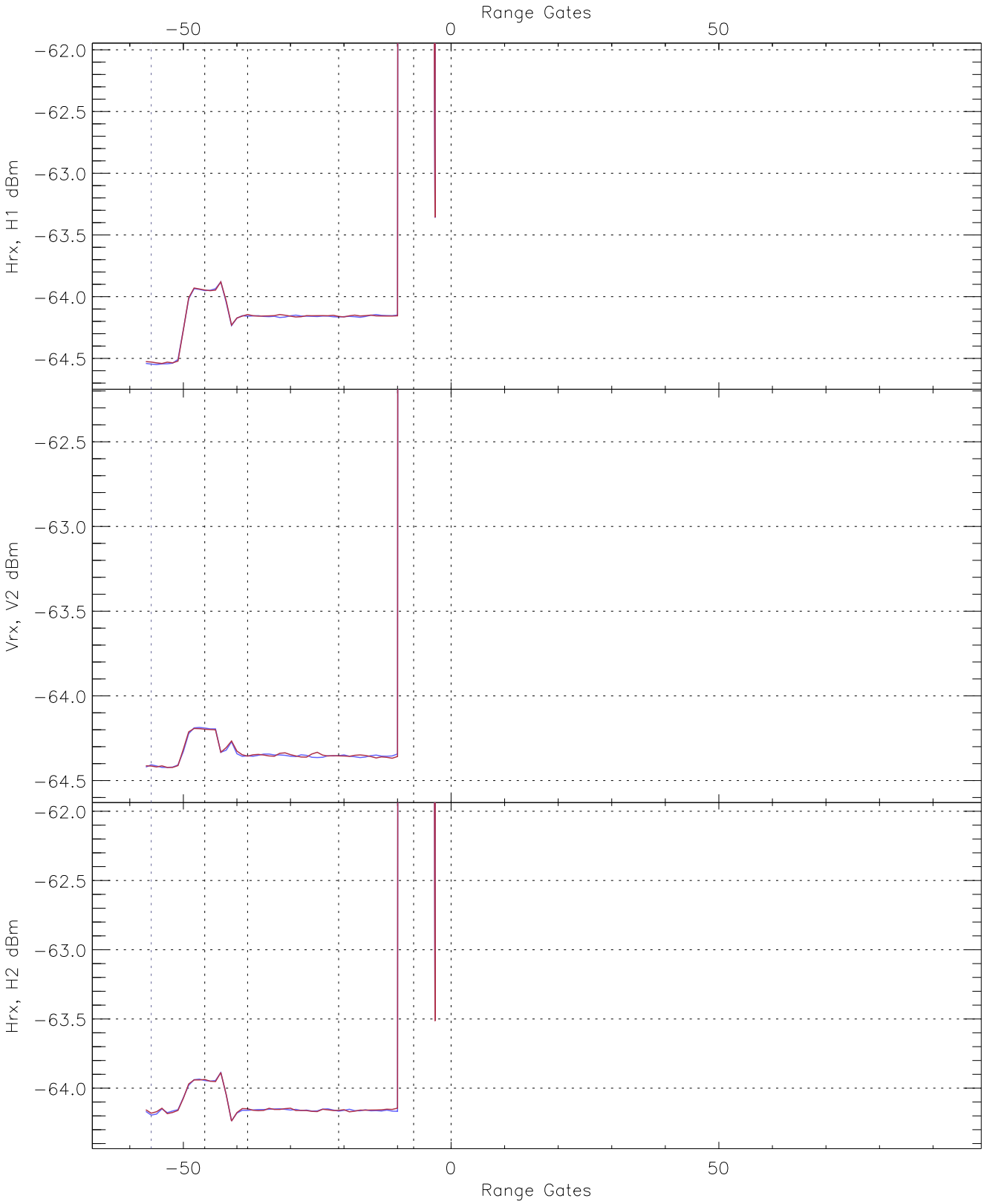


WCR3 CPP "Best" estimate Receivers Noise Power

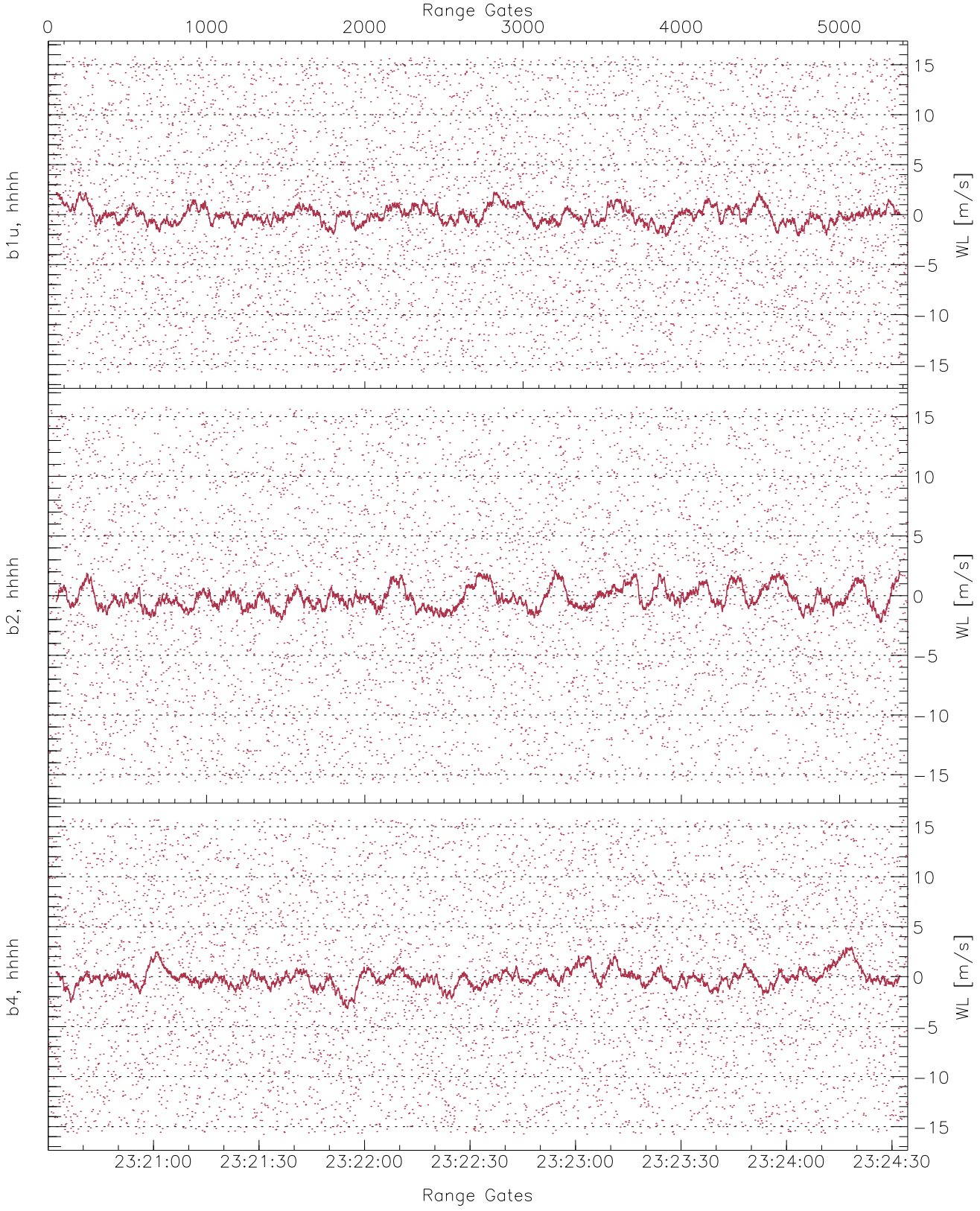
	Min	Max	Mean	Median	StDev
H1RG360_0 [dBm]	-65.70	-63.35	-64.54	-64.55	-76.06
V2RG350_0 [dBm]	-65.72	-63.35	-64.43	-64.43	-75.98
H2RM_0 [dBm]	-65.37	-63.14	-64.19	-64.19	-75.75



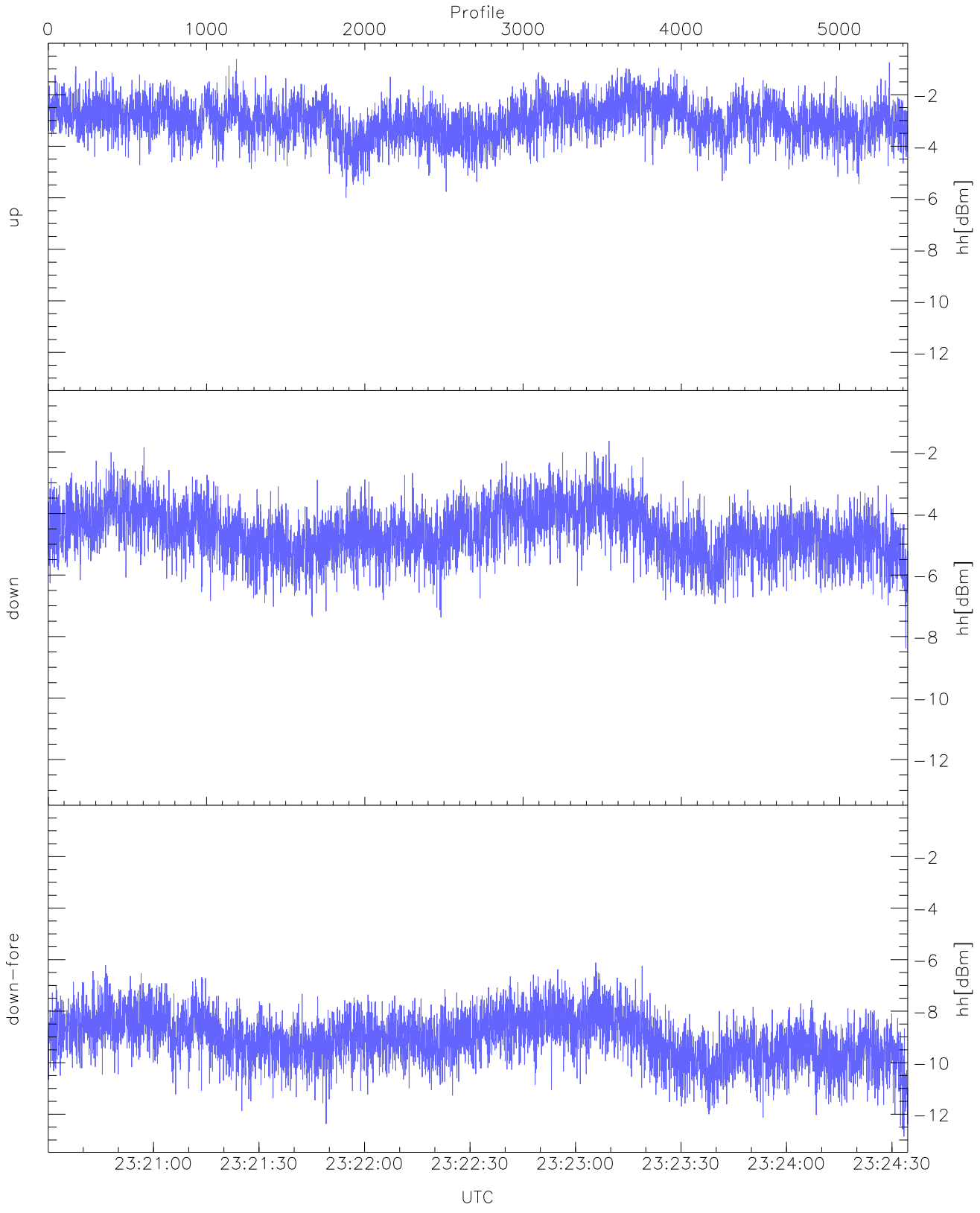
WCR3 CPP Averaged Received power for all recorded gates
blue: 232030-232232, 2716 profiles averaged
red: 232232-232434, 2716 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 232030-232232, 2716 profiles averaged
red: 232232-232434, 2716 profiles averaged

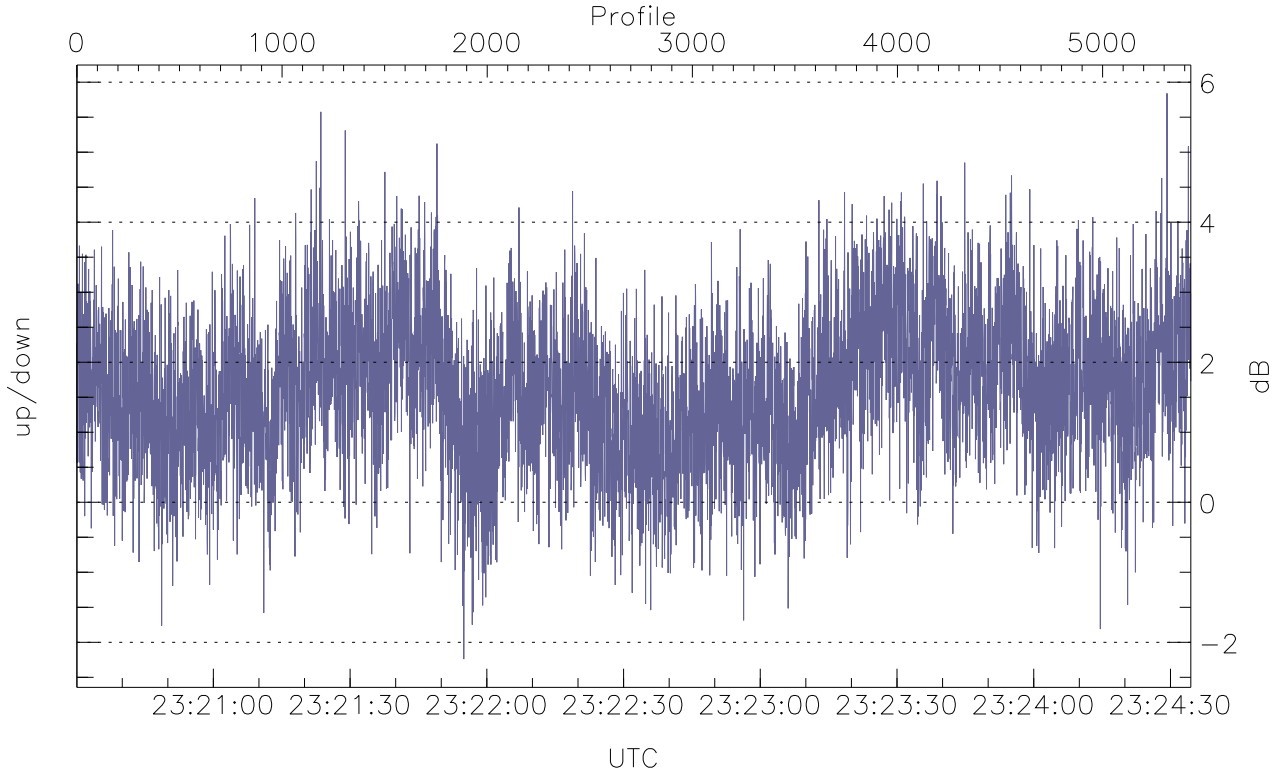


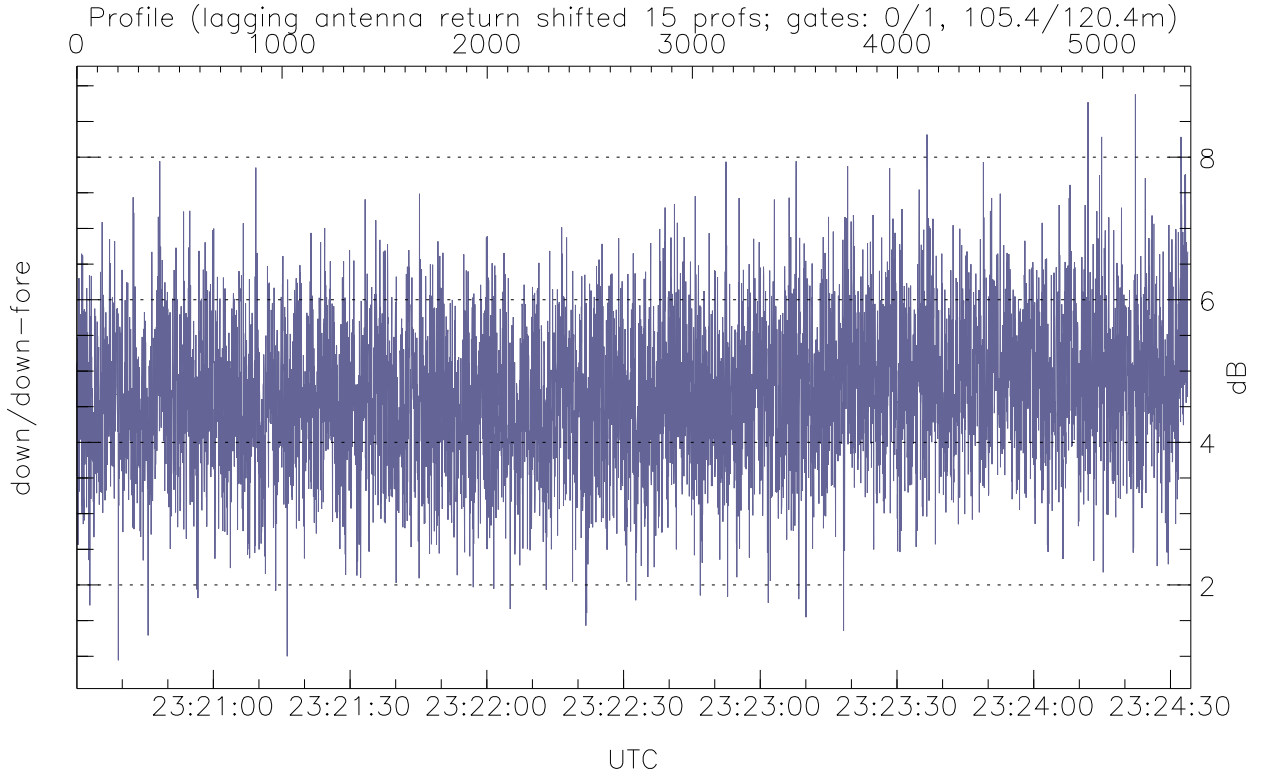
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



WCR3 CPP Received Power Products for Range gate 0 (105.4 m)

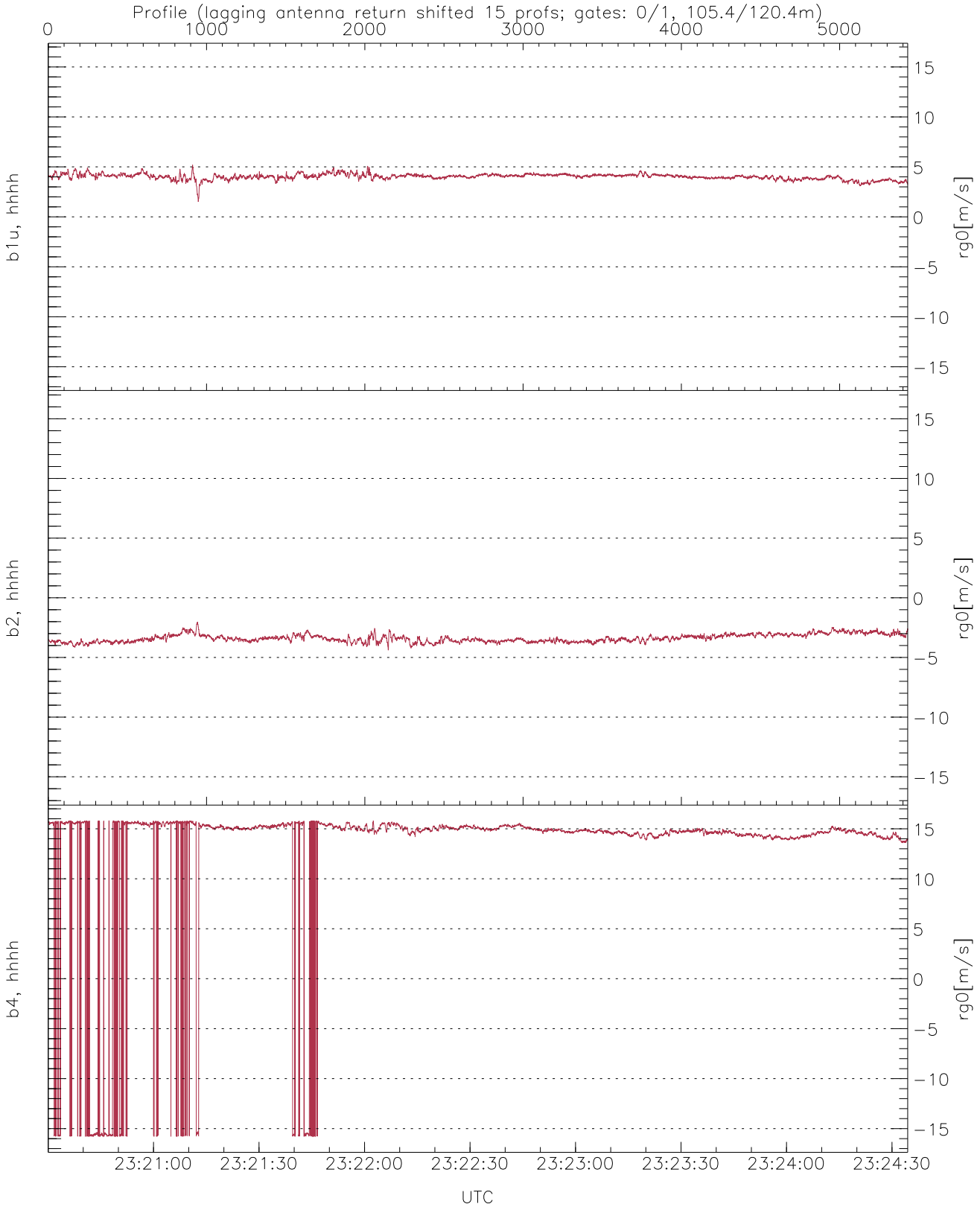
	Min	Max	Mean
up(hh[dBm])	-5.99	-0.61	-2.93
down(hh[dBm])	-8.38	-1.64	-4.53
down-fore(hh[dBm])	-12.87	-6.12	-8.96





WCR3 Beam pairs Received Power Ratio(s); RangeGate: 0 (105 m)

	Min	Max	Mean
up/down(dB)	-2.24	5.84	1.63
down/down-fore(dB)	0.94	8.88	4.70



WCR3 CPP Doppler Velocity Products at 105.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg0[m/s])	1.51	5.19	4.01	0.29
b2, hhhh(rg0[m/s])	-4.39	-2.02	-3.39	0.32
b4, hhhh(rg0[m/s])	-15.79	15.79	13.07	7.32