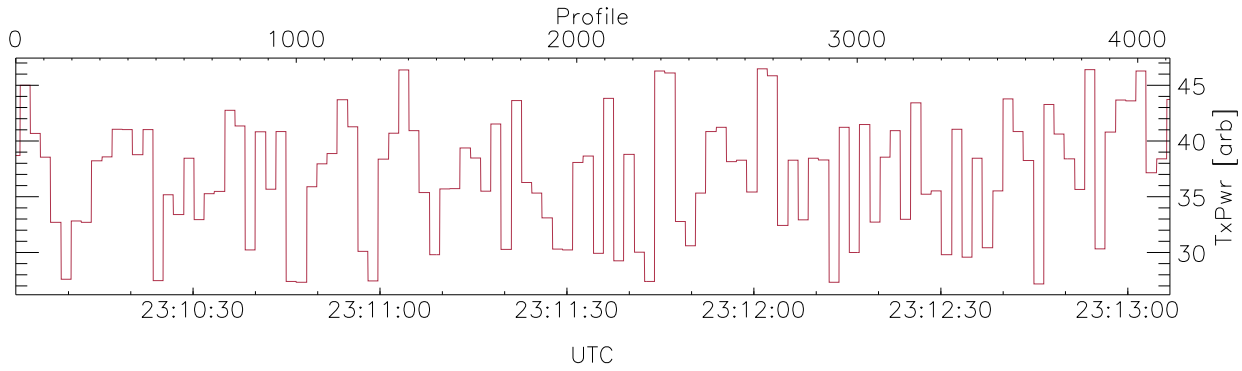
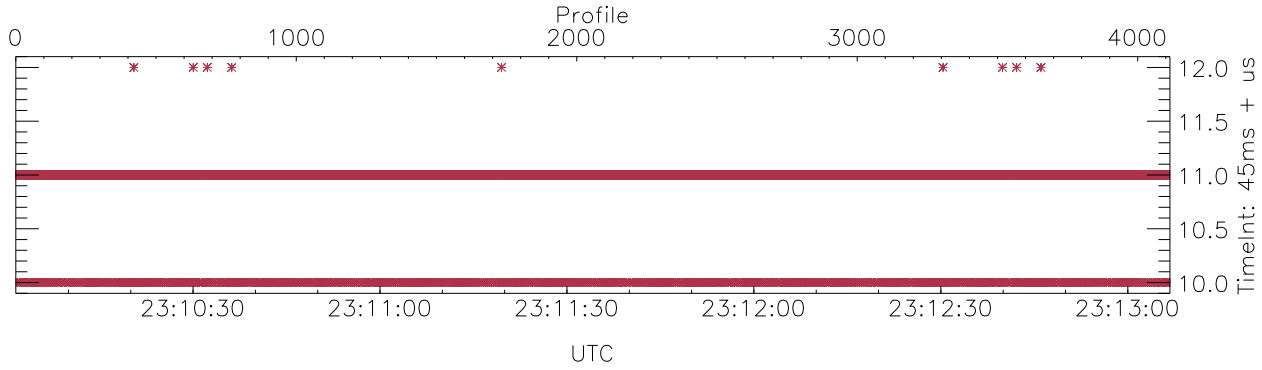
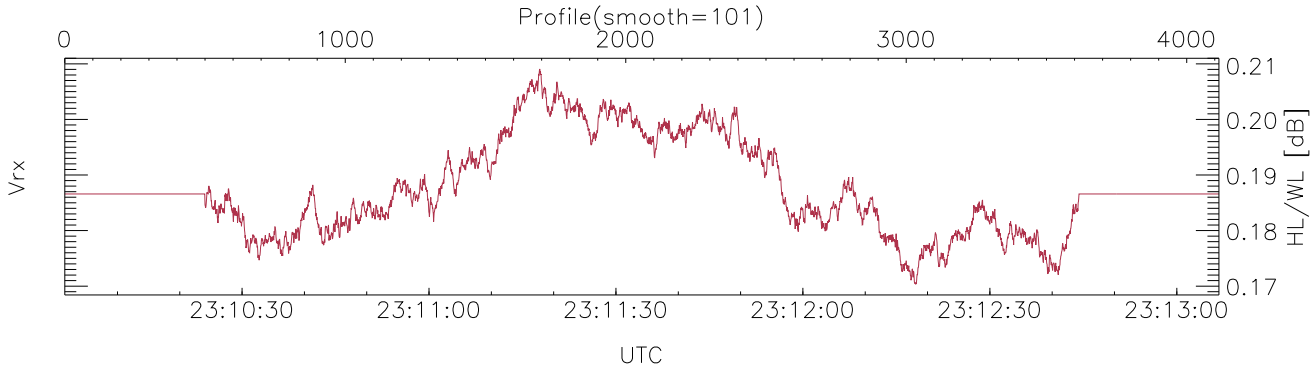
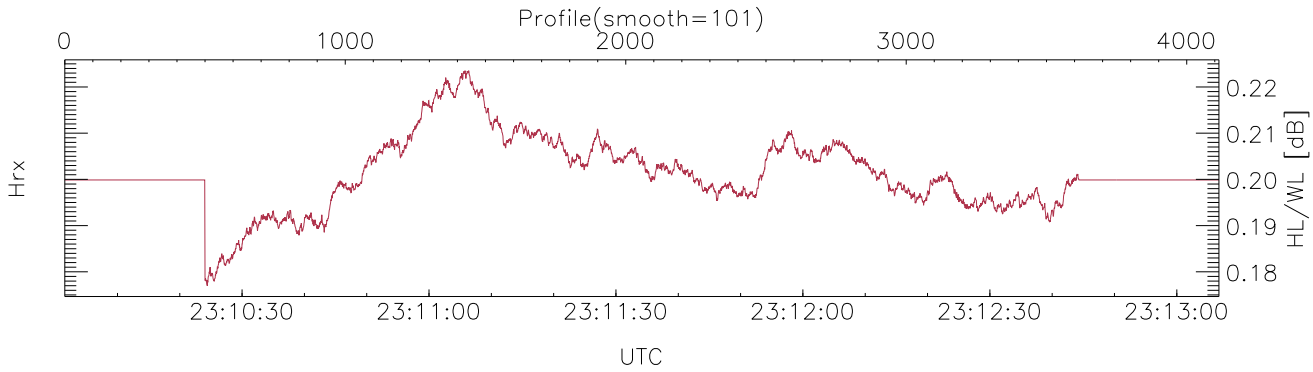


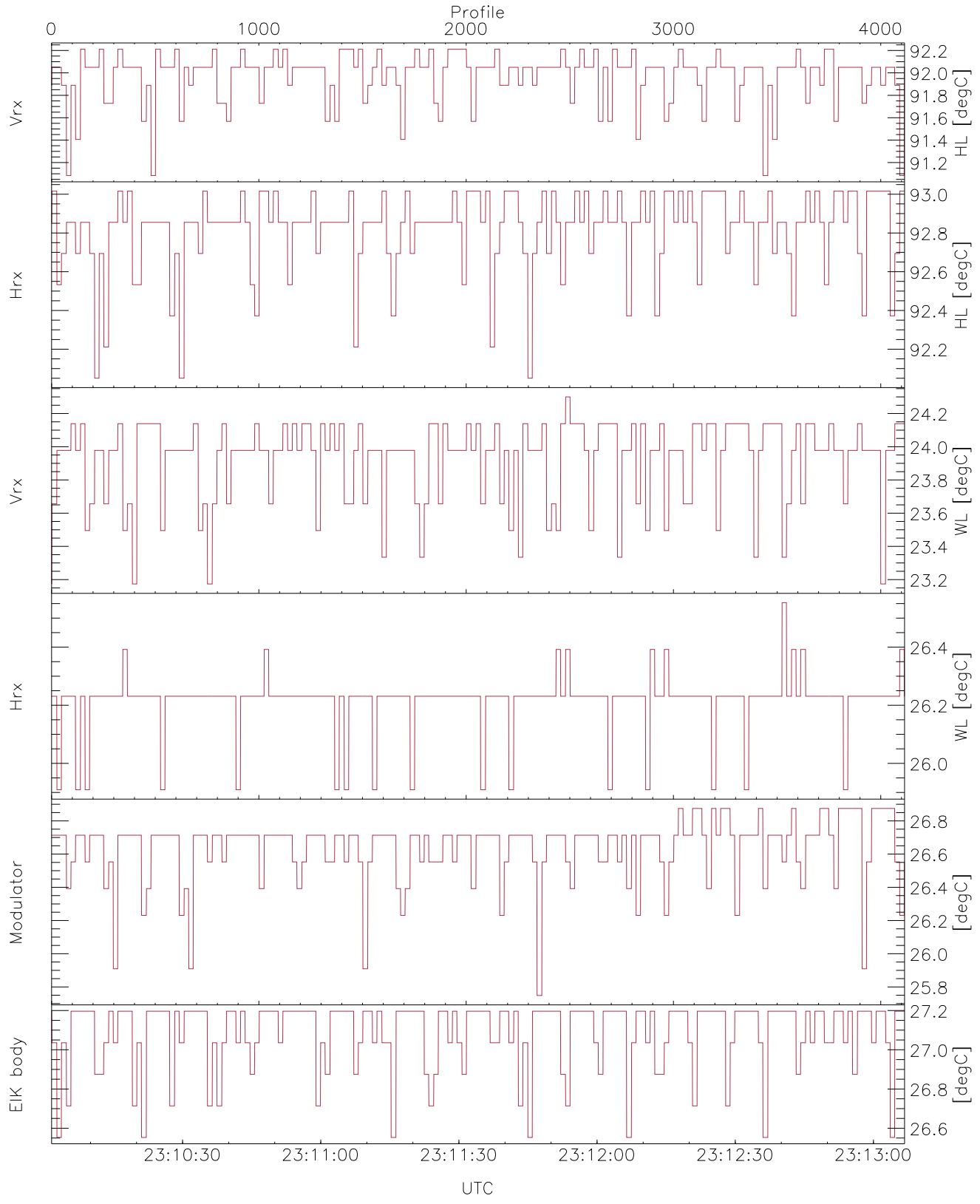






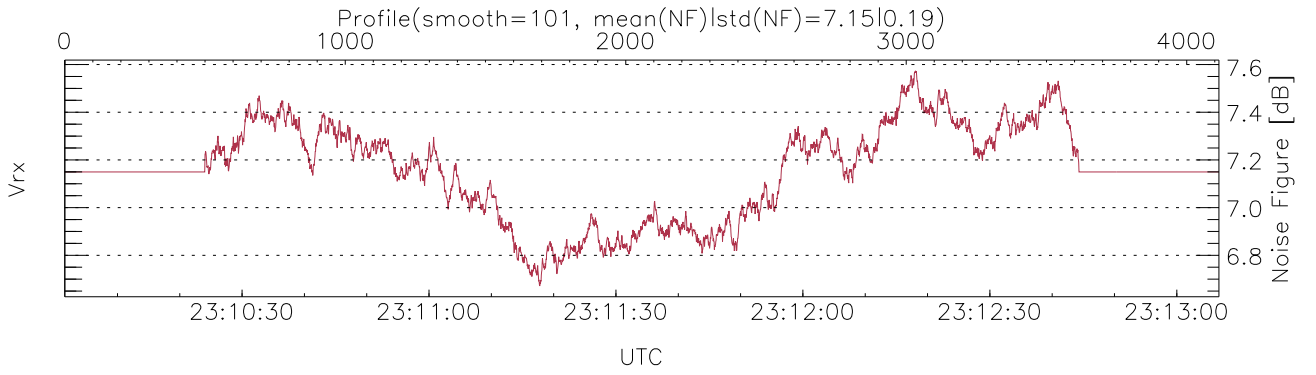
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

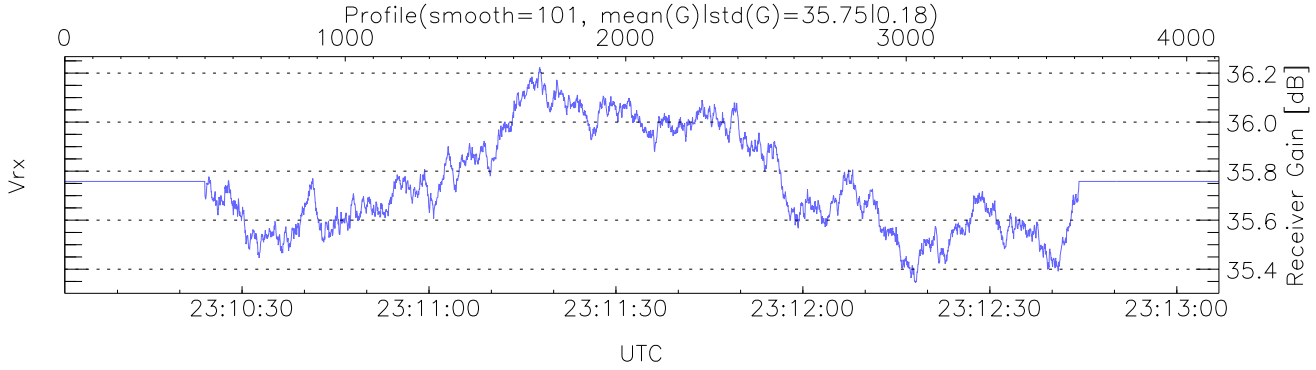
UTC: 23:10:02-23:13:07, TimeCor: 0.00s, Dur: 185.22s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
NumRec(r/t): 4116/4116, 0-4115/23:10:02-23:13:07
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: H1 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

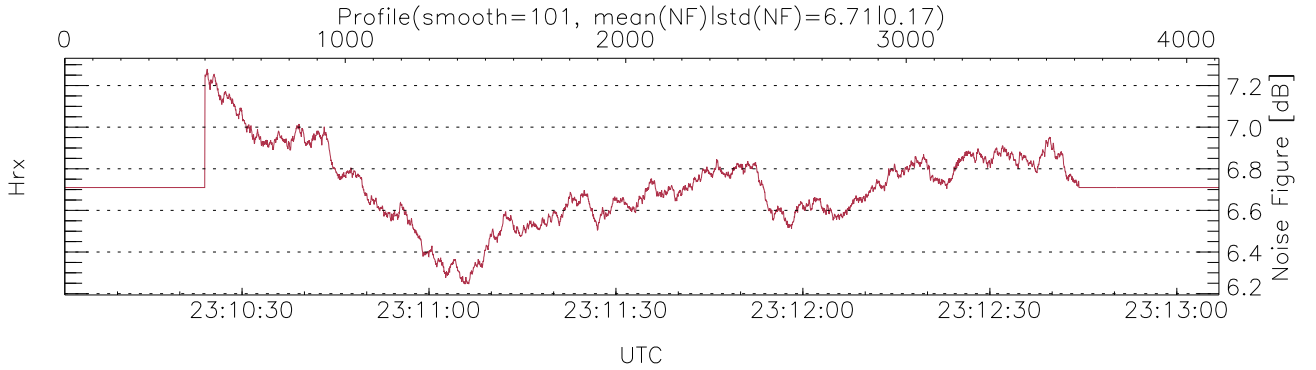


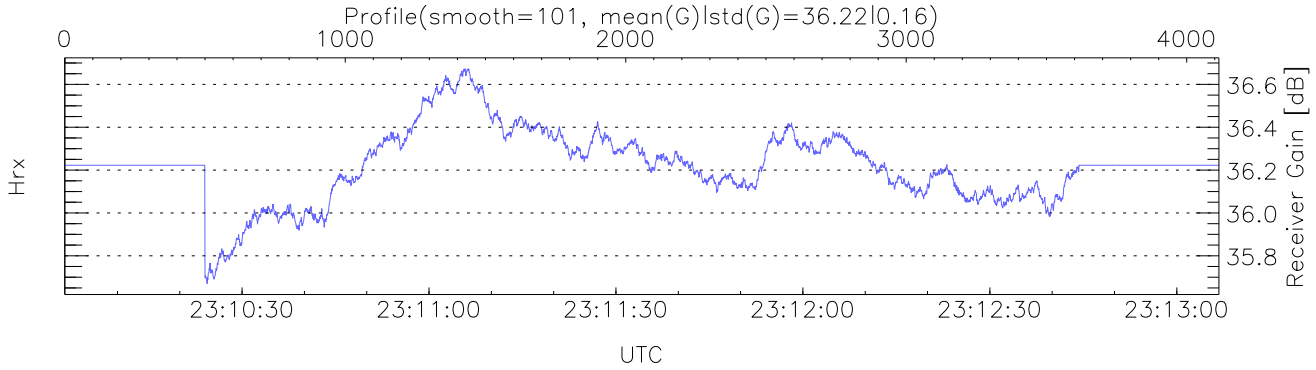
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,23,25,25,26
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,24,26,26,27
LOalarm(20,240,2817,14861 MHz): None
EIK/Modulator Faults: None



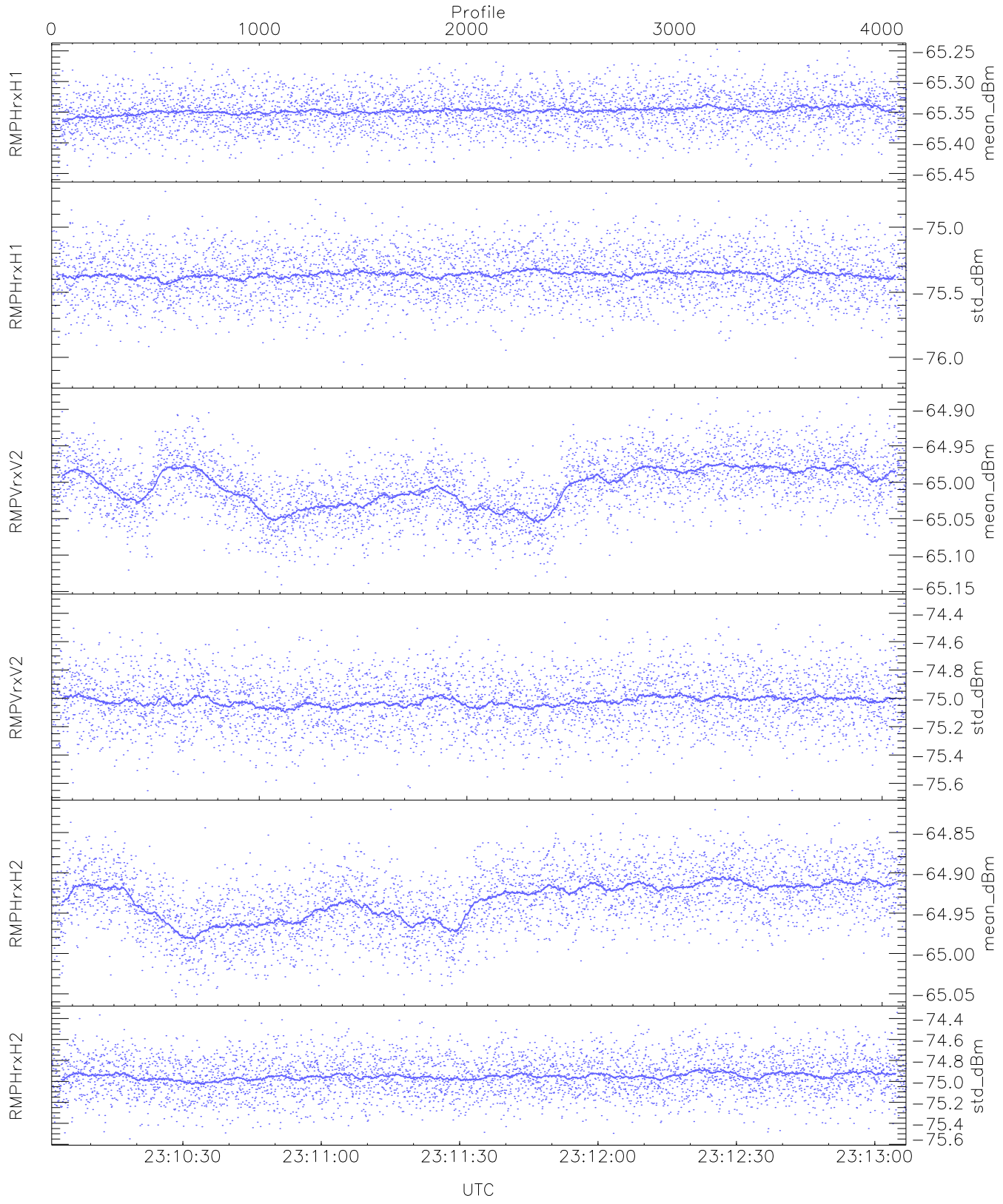






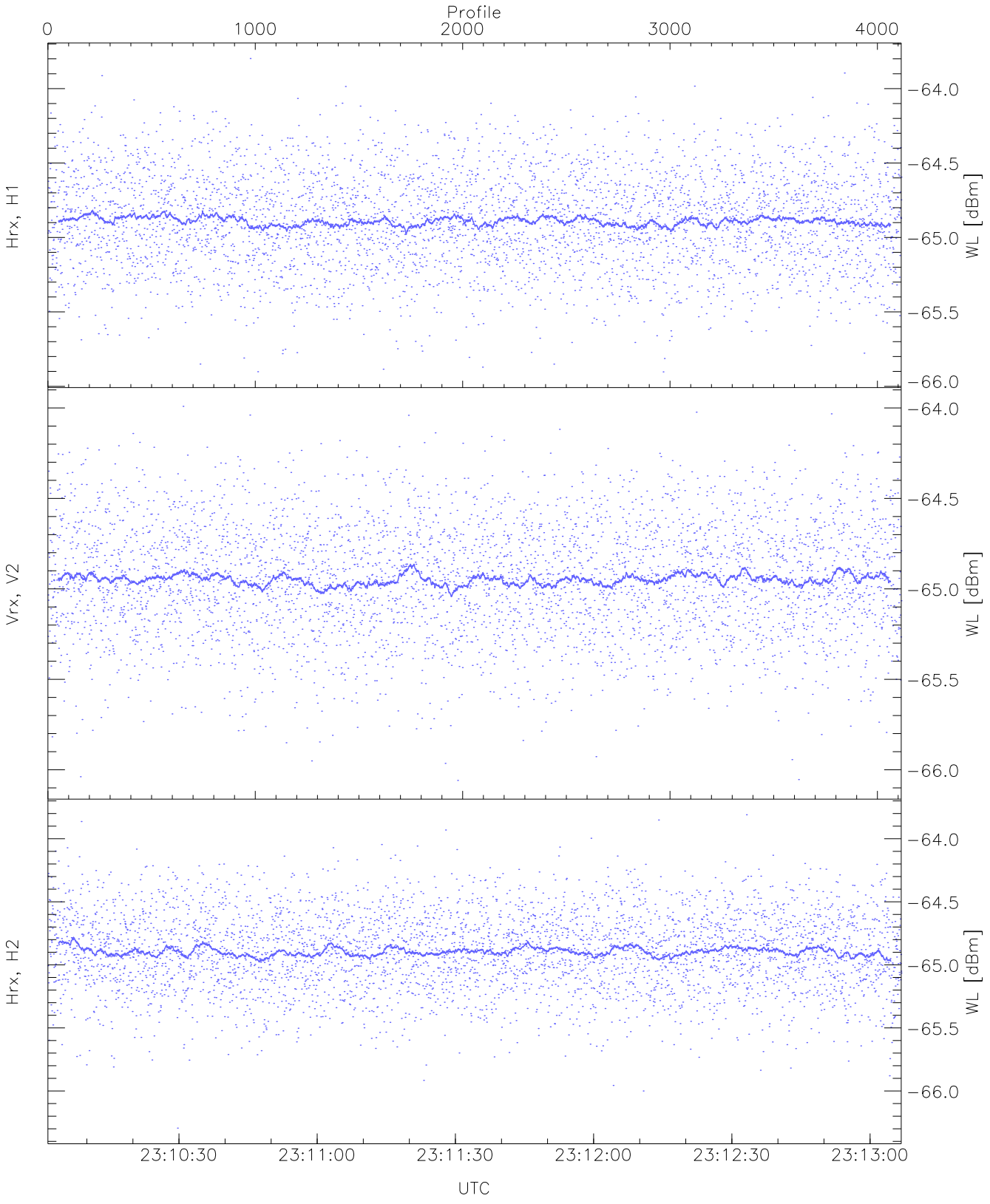
WCR3 CPP Receivers Gain and Noise Figure

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



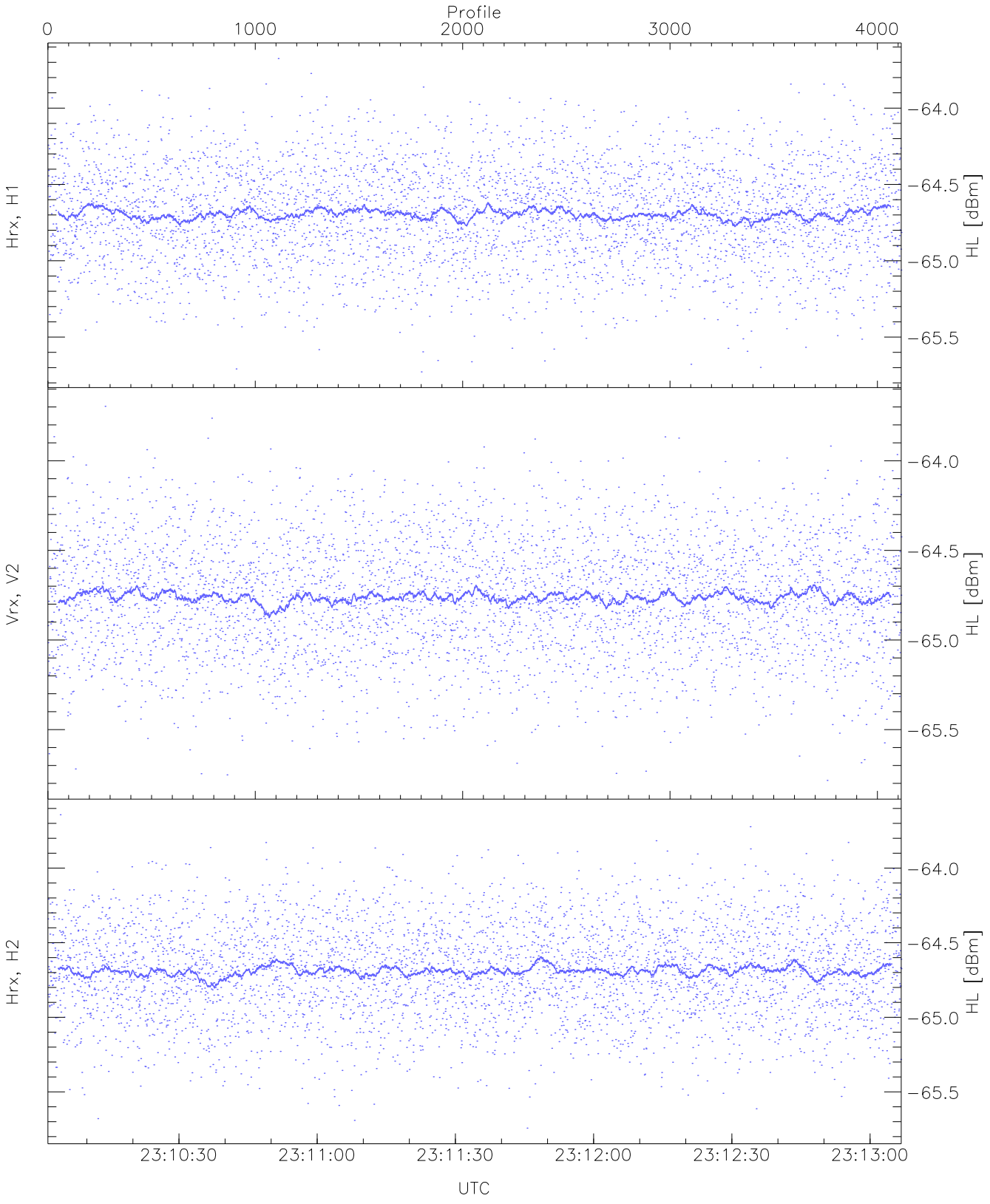
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.45	-65.25	-65.35	-65.35	-86.96
RMPHrxH1(std_dBm)	-76.16	-74.72	-75.36	-75.37	-89.15
RMPVrxV2(mean_dBm)	-65.14	-64.88	-65.01	-65.00	-85.50
RMPVrxV2(std_dBm)	-75.65	-74.33	-75.02	-75.02	-88.80
RMPHrxH2(mean_dBm)	-65.05	-64.82	-64.93	-64.93	-85.60
RMPHrxH2(std_dBm)	-75.55	-74.34	-74.95	-74.96	-88.74



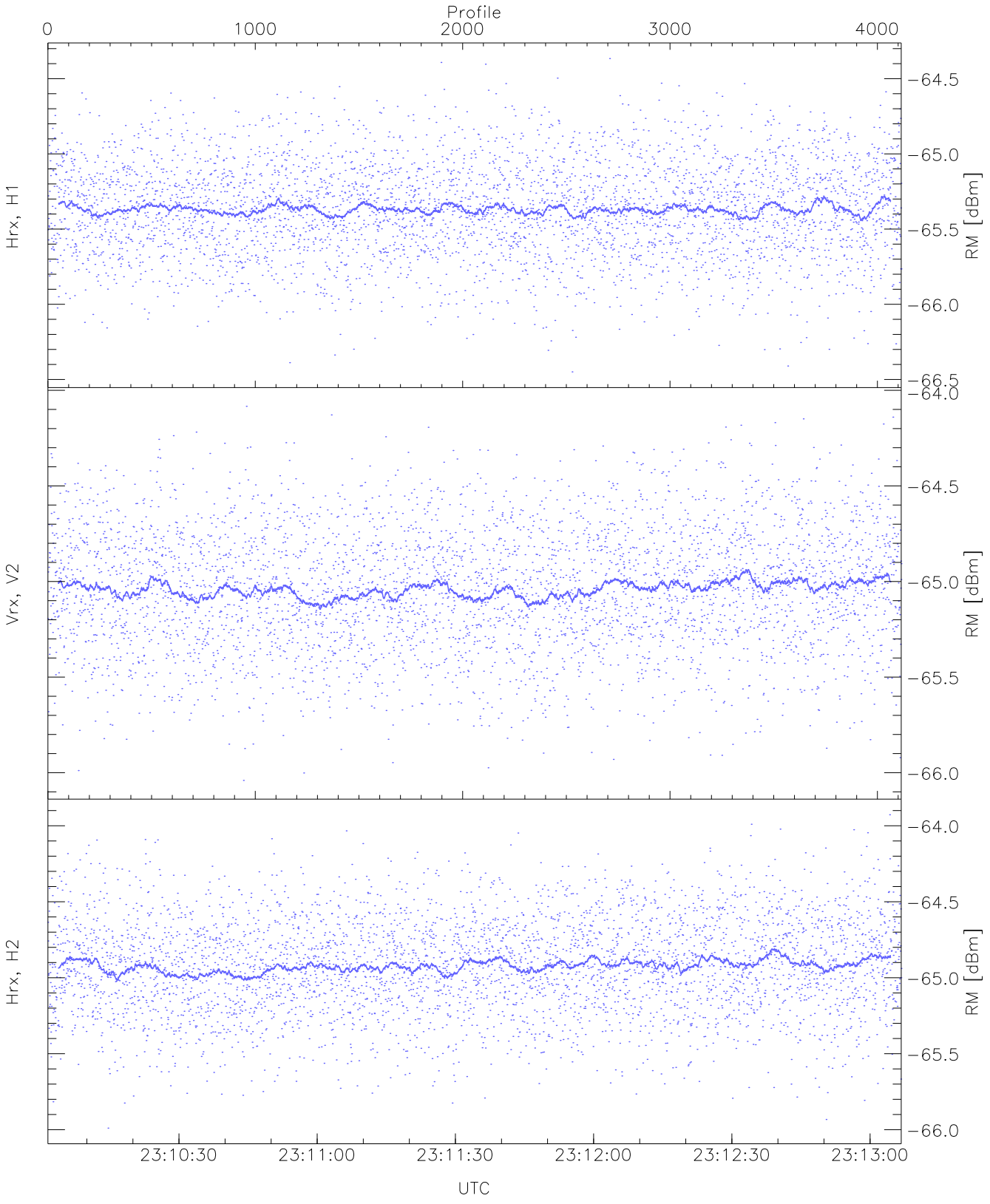
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-65.90	-63.80	-64.88	-64.89	-76.40
Vrx, V2(WL [dBm])	-66.06	-63.99	-64.94	-64.95	-76.50
Hrx, H2(WL [dBm])	-66.29	-63.81	-64.89	-64.90	-76.47



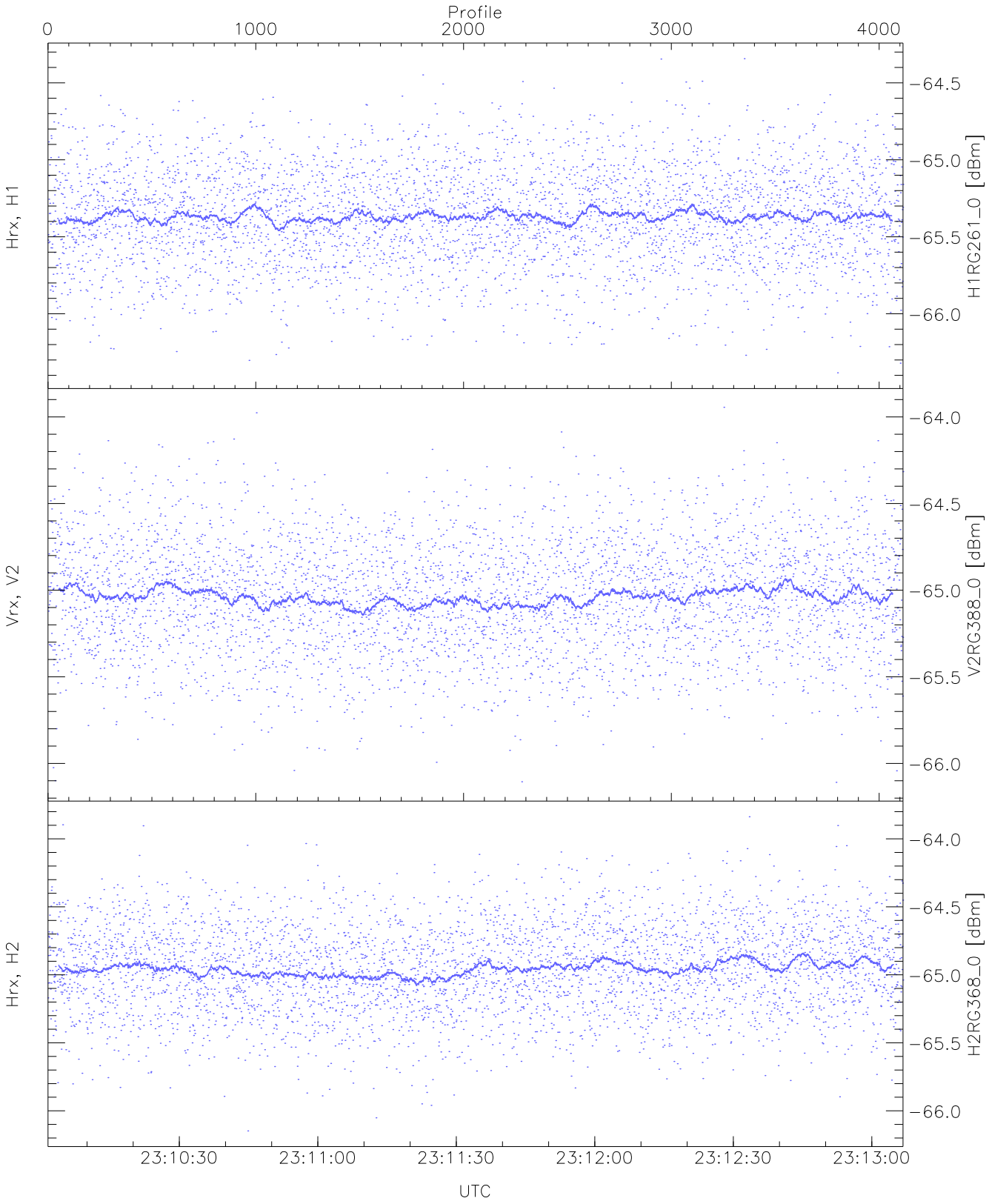
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.73	-63.68	-64.69	-64.69	-76.27
Vrx, V2(HL [dBm])	-65.78	-63.70	-64.75	-64.76	-76.27
Hrx, H2(HL [dBm])	-65.74	-63.64	-64.68	-64.68	-76.30



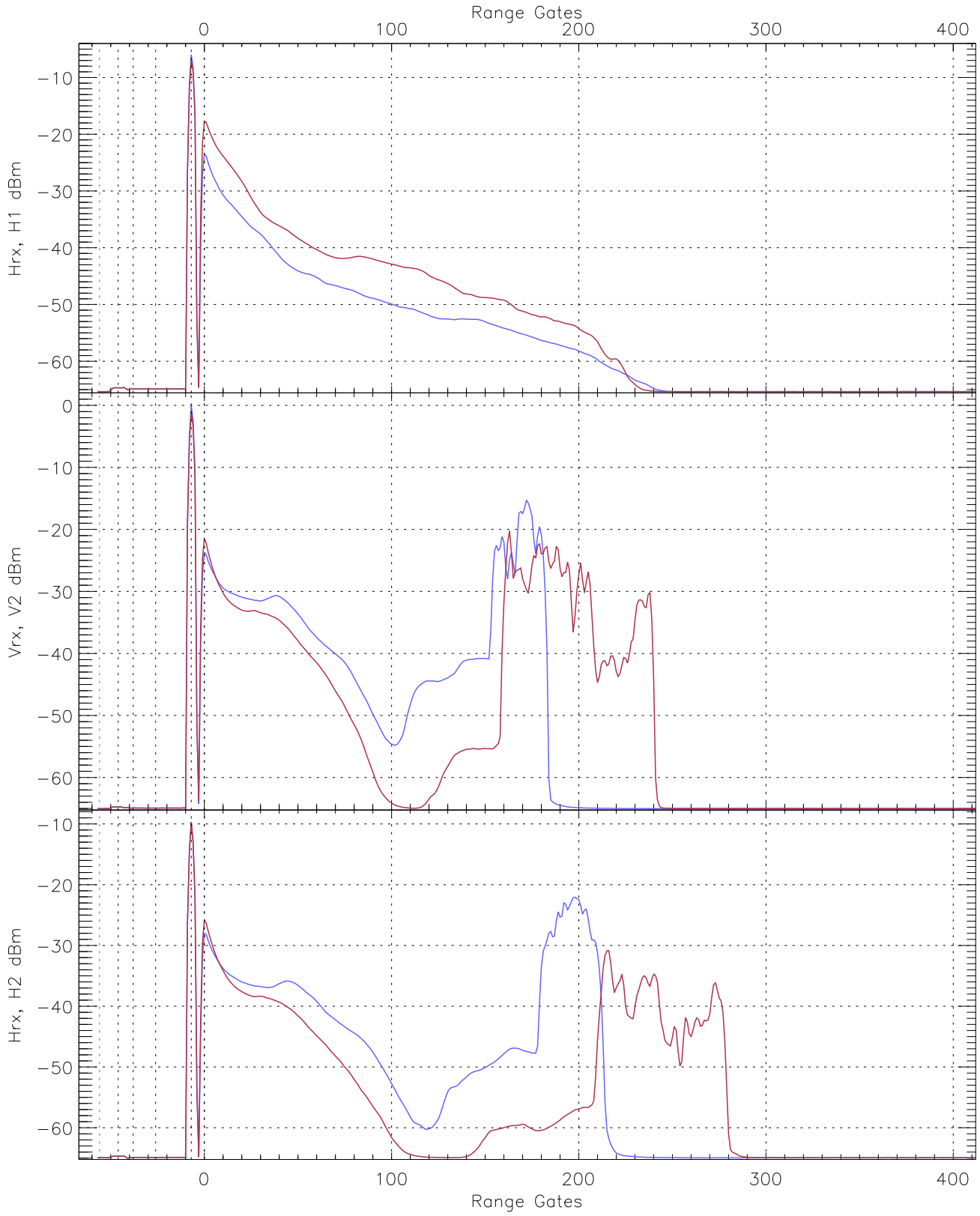
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.45	-64.37	-65.36	-65.37	-76.90
Vrx, V2(RM [dBm])	-66.04	-64.08	-65.03	-65.04	-76.55
Hrx, H2(RM [dBm])	-65.99	-63.93	-64.91	-64.92	-76.45

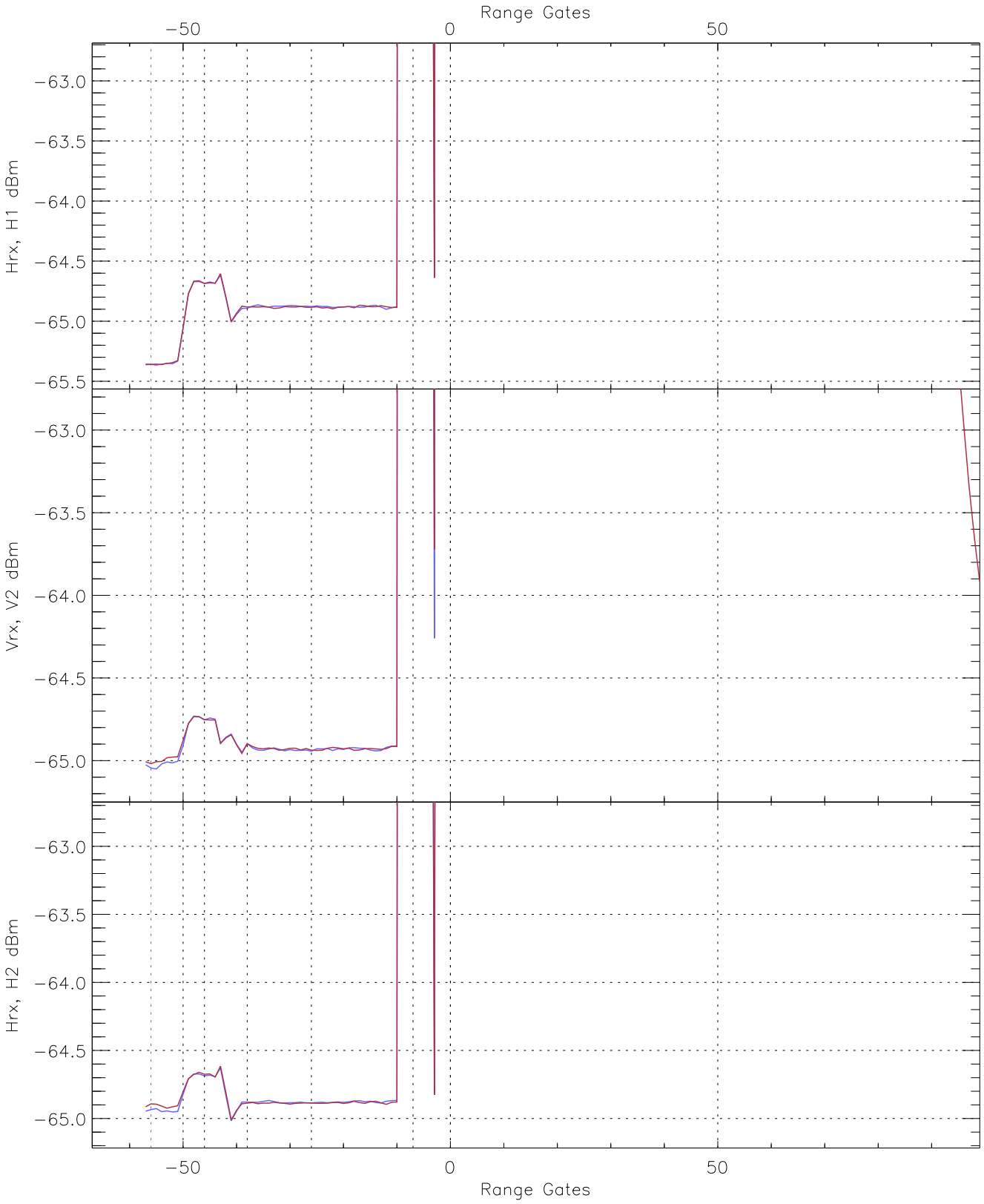


WCR3 CPP "Best" estimate Receivers Noise Power

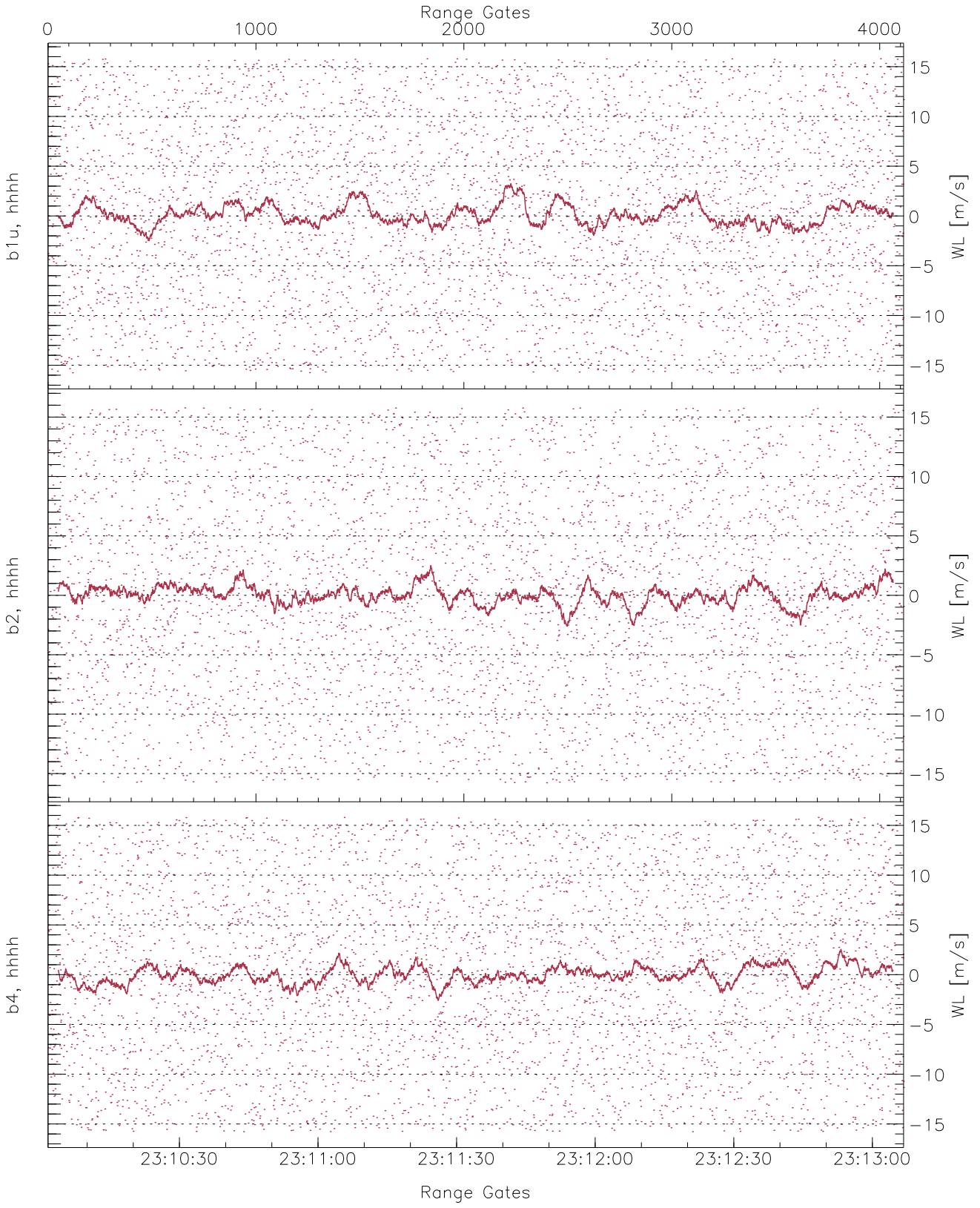
	Min	Max	Mean	Median	StDev
H1RG261_0 [dBm]	-66.38	-64.34	-65.36	-65.37	-76.90
V2RG388_0 [dBm]	-66.11	-63.94	-65.03	-65.03	-76.50
H2RG368_0 [dBm]	-66.15	-63.84	-64.95	-64.96	-76.43



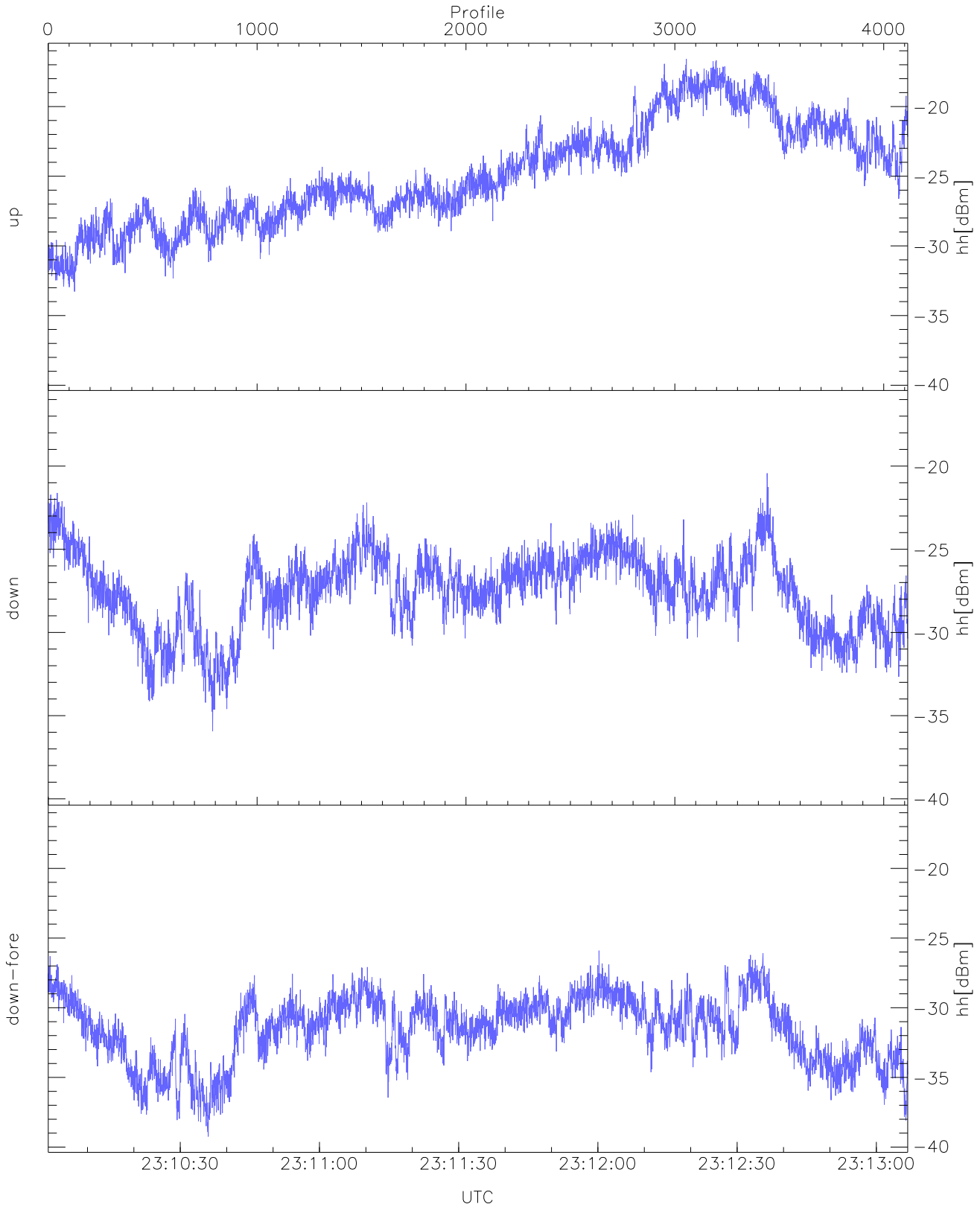
WCR3 CPP Averaged Received power for all recorded gates
blue: 231002-231134, 2059 profiles averaged
red: 231134-231307, 2058 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 231002-231134, 2059 profiles averaged
red: 231134-231307, 2058 profiles averaged

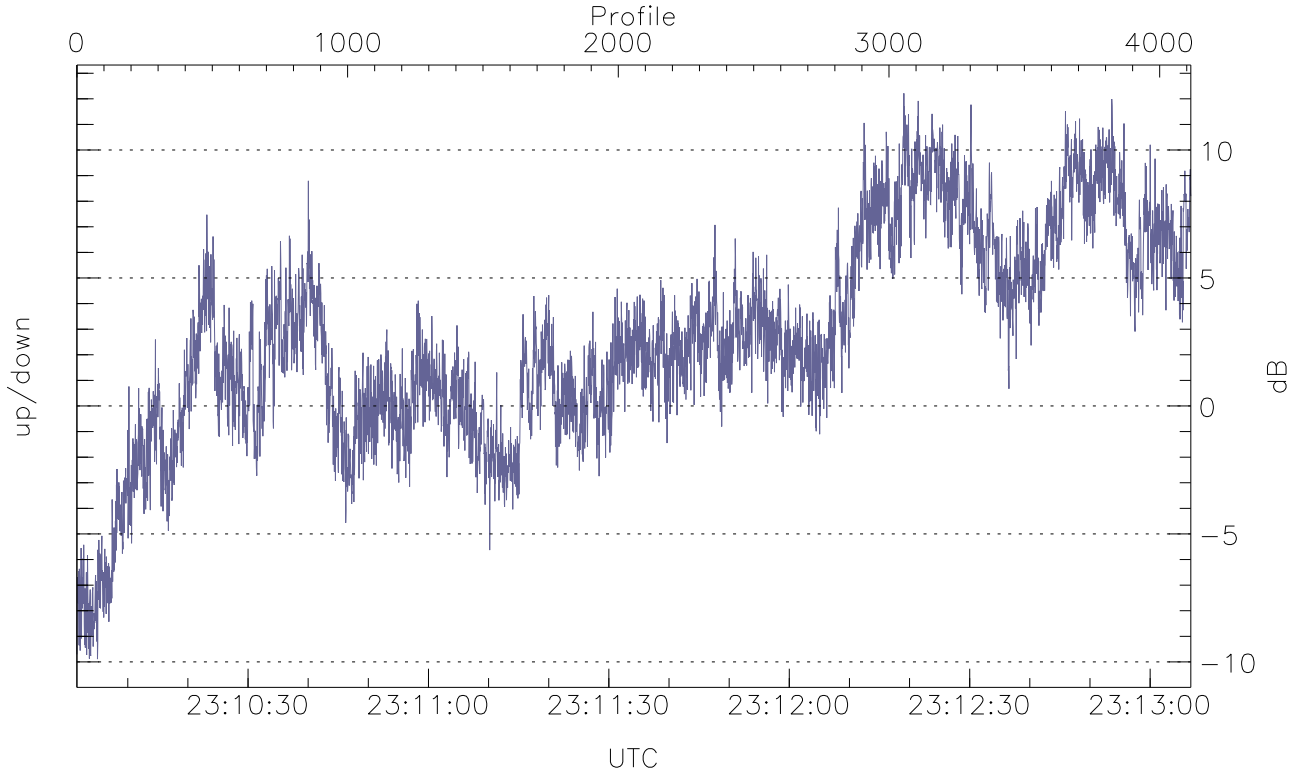


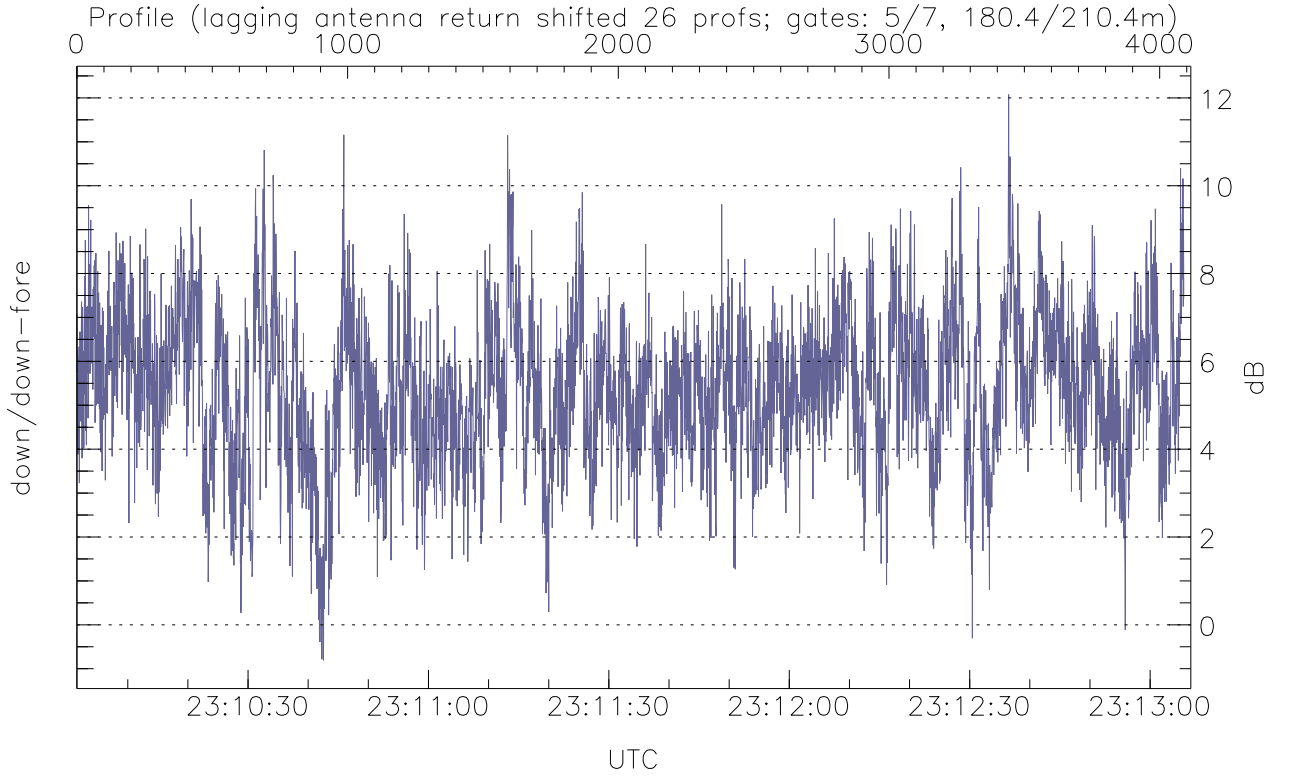
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

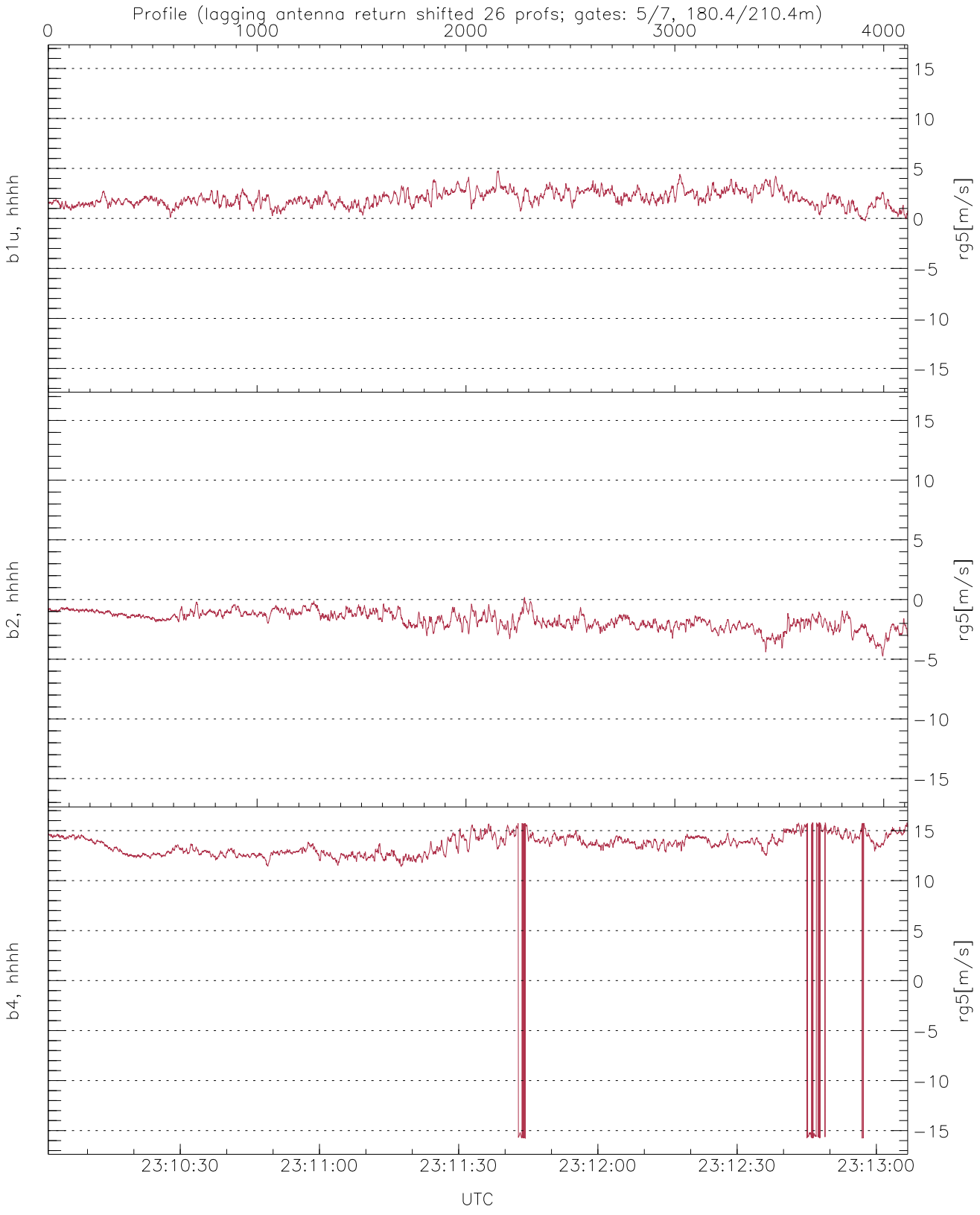
	Min	Max	Mean
up(hh[dBm])	-33.28	-16.59	-23.34
down(hh[dBm])	-35.94	-20.43	-26.96
down-fore(hh[dBm])	-39.24	-25.90	-30.97





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

	Min	Max	Mean
up/down(dB)	-9.89	12.22	2.65
down/down-fore(dB)	-0.81	12.08	5.37



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-0.27	4.79	2.00	0.77
b2, hhhh(rg5[m/s])	-4.76	0.17	-1.72	0.73
b4, hhhh(rg5[m/s])	-15.79	15.79	13.01	4.15