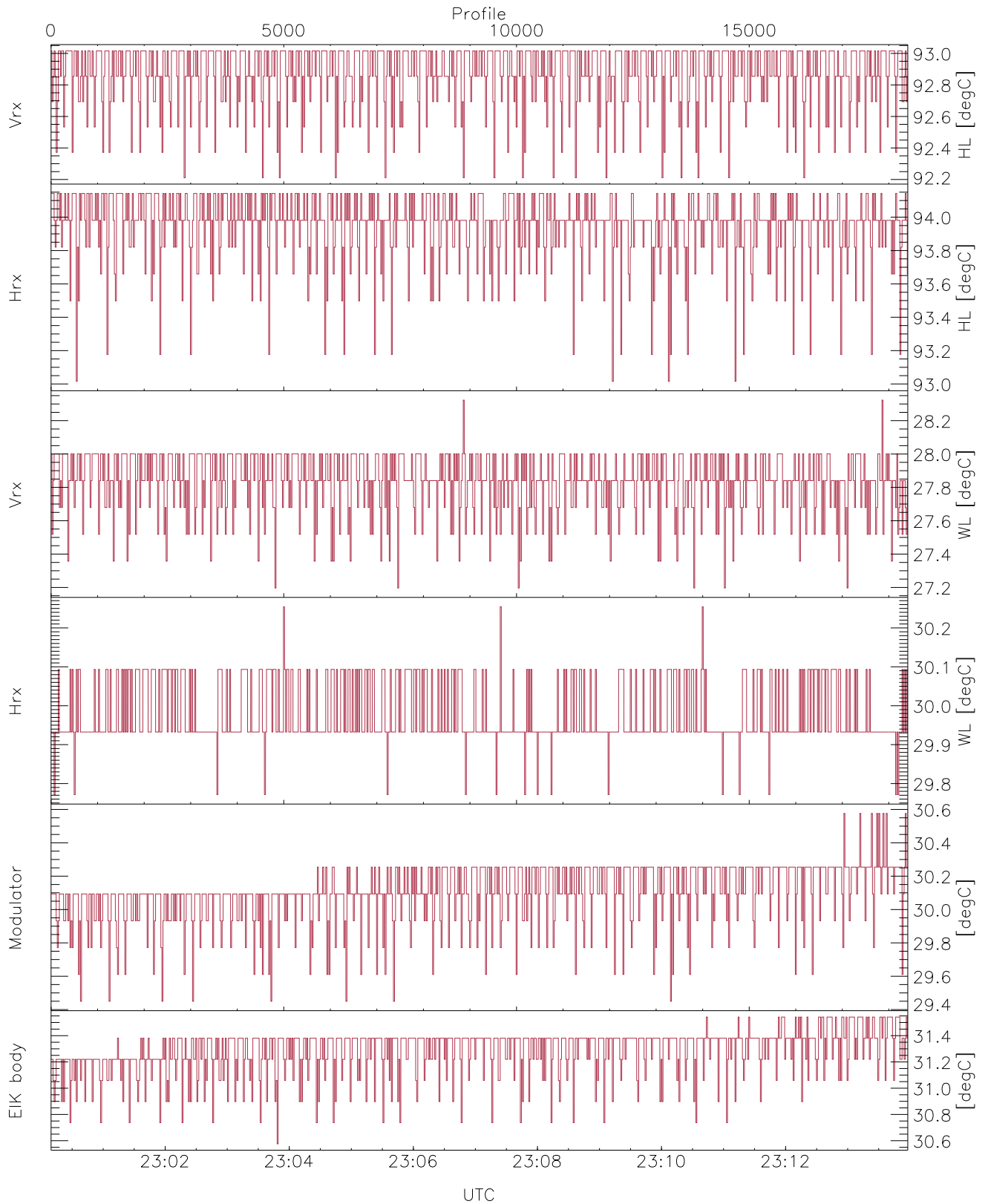


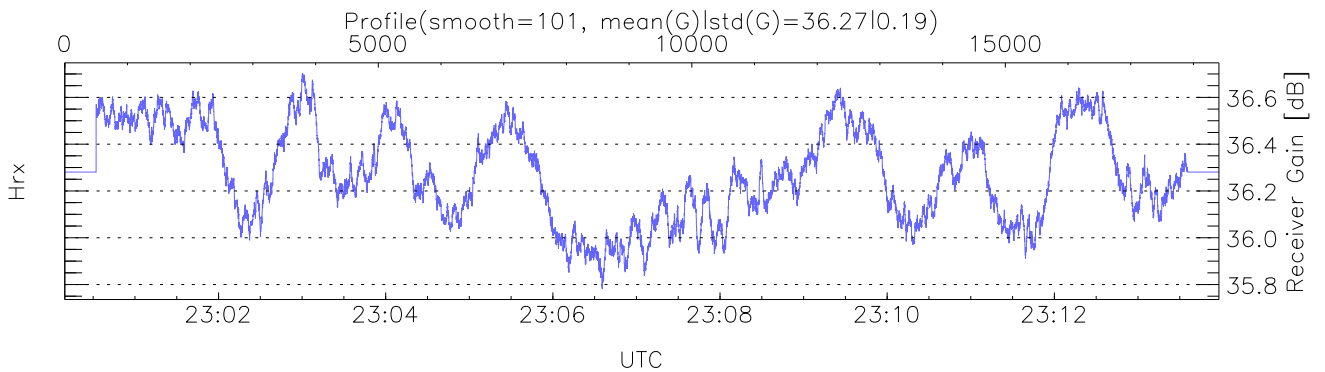
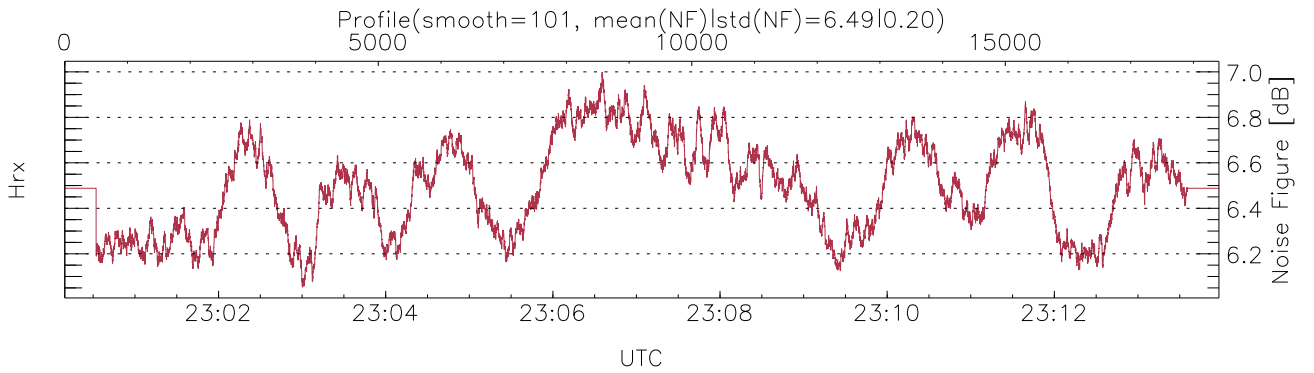
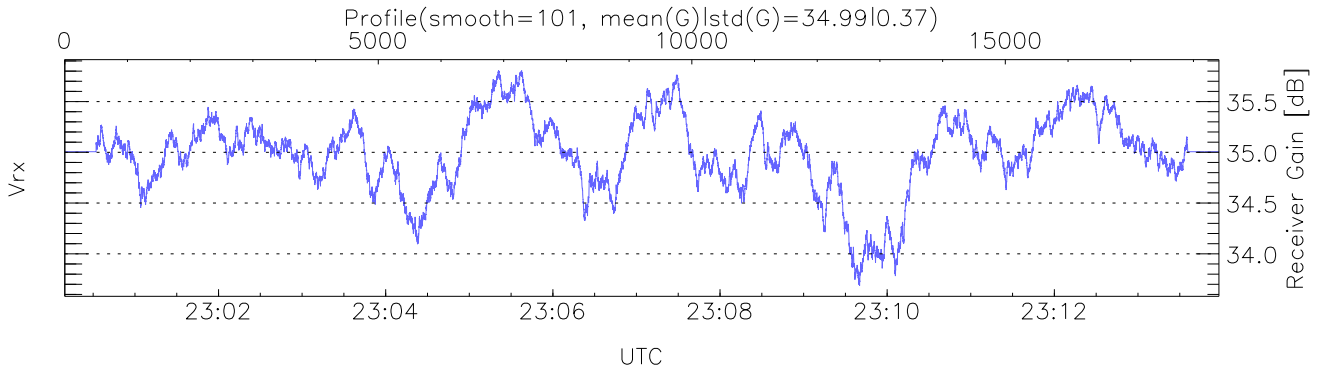
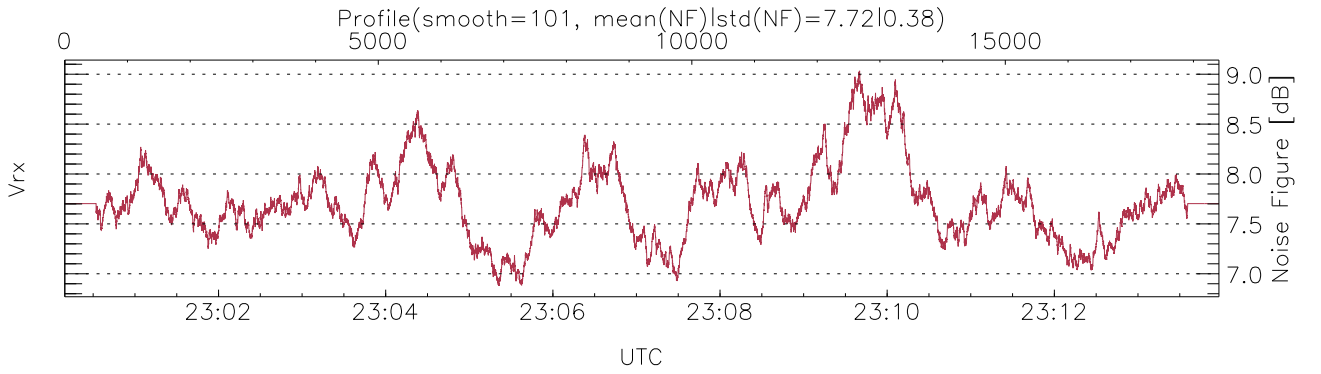
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 23:00:10-23:13:58, TimeCor: 0.00s, Dur: 828.52s
 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): 18408/18408, 0-18407/23:00:10-23:13:58
 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 20.0 KHz, IGS: 50us
 Range(min,max,rqs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



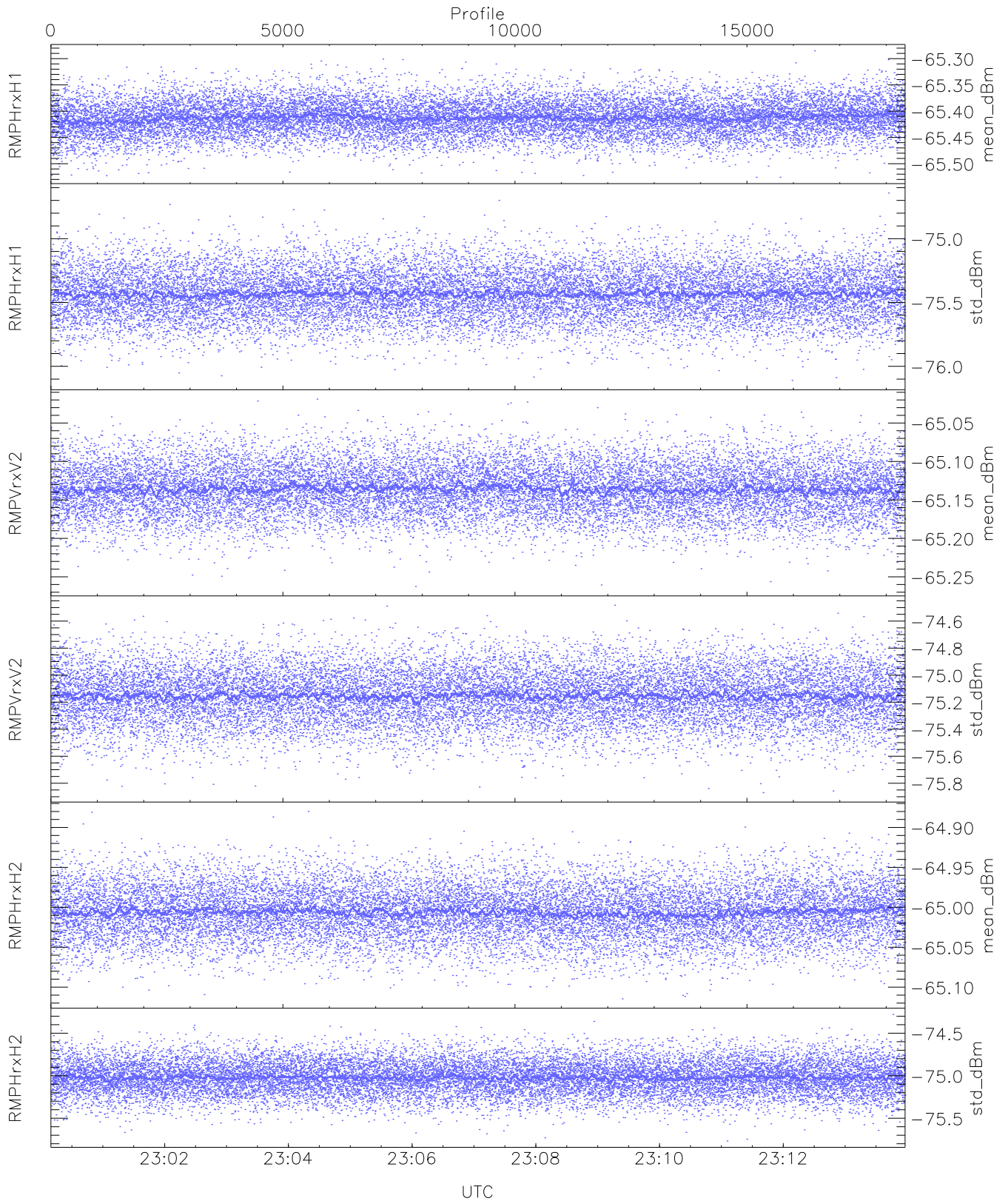
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,27,29,29,30
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,28,30,30,31
LOalarm(20,240,2817,14861 MHz): 0,0,24,0
EIK/Modulator Faults: None



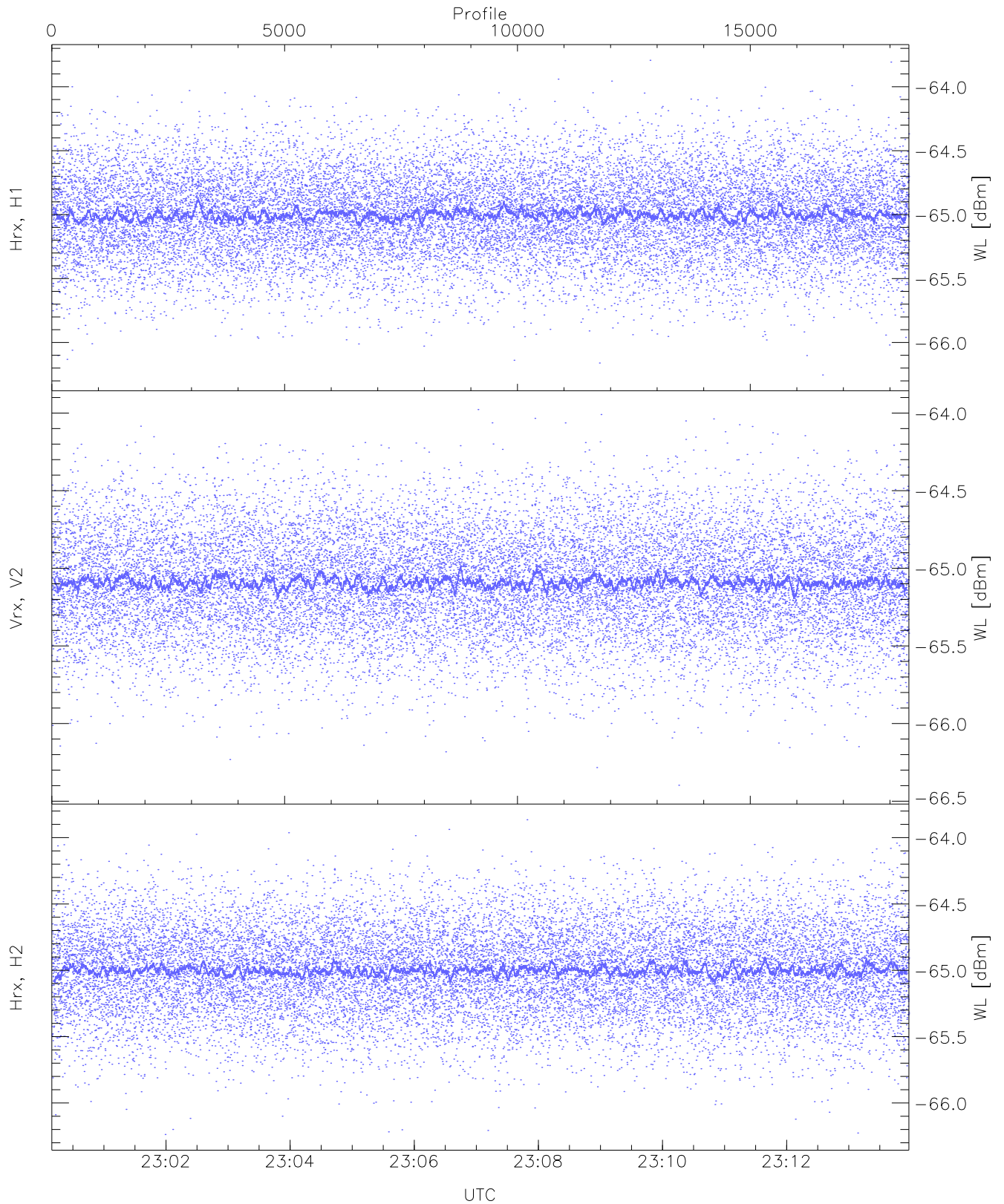
WCR3 CPP Receivers Gain and Noise Figure

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



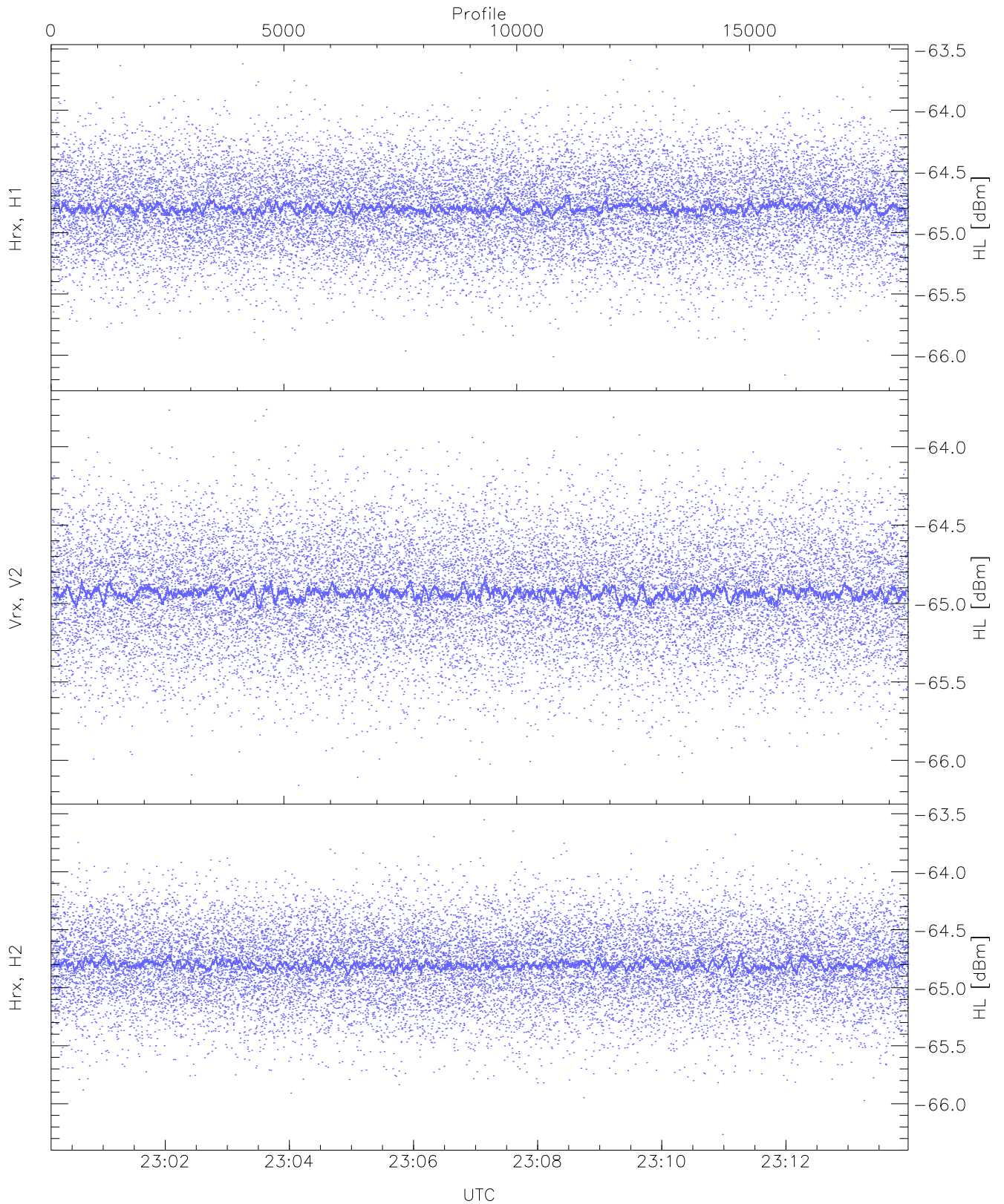
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.53	-65.29	-65.41	-65.41	-86.97
RMPHrxH1(std_dBm)	-76.11	-74.64	-75.43	-75.43	-89.24
RMPVrxV2(mean_dBm)	-65.26	-65.02	-65.14	-65.14	-86.70
RMPVrxV2(std_dBm)	-75.87	-74.48	-75.15	-75.15	-88.94
RMPHrxH2(mean_dBm)	-65.11	-64.88	-65.01	-65.01	-86.63
RMPHrxH2(std_dBm)	-75.77	-74.28	-75.02	-75.02	-88.82



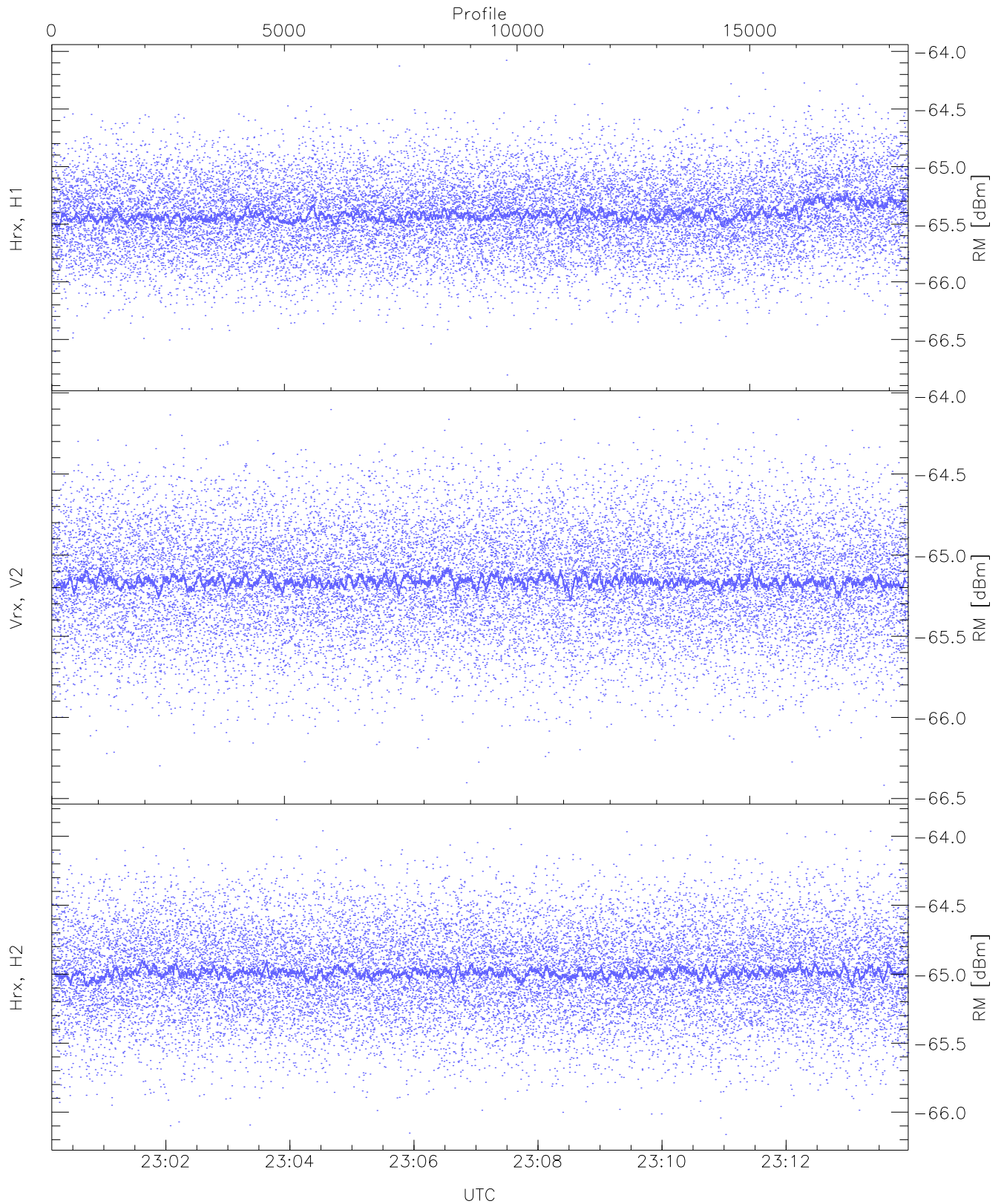
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.25	-63.79	-65.00	-65.00	-76.51
Vrx, V2 (WL [dBm])	-66.40	-63.98	-65.08	-65.09	-76.64
Hrx, H2 (WL [dBm])	-66.24	-63.87	-64.99	-65.00	-76.54



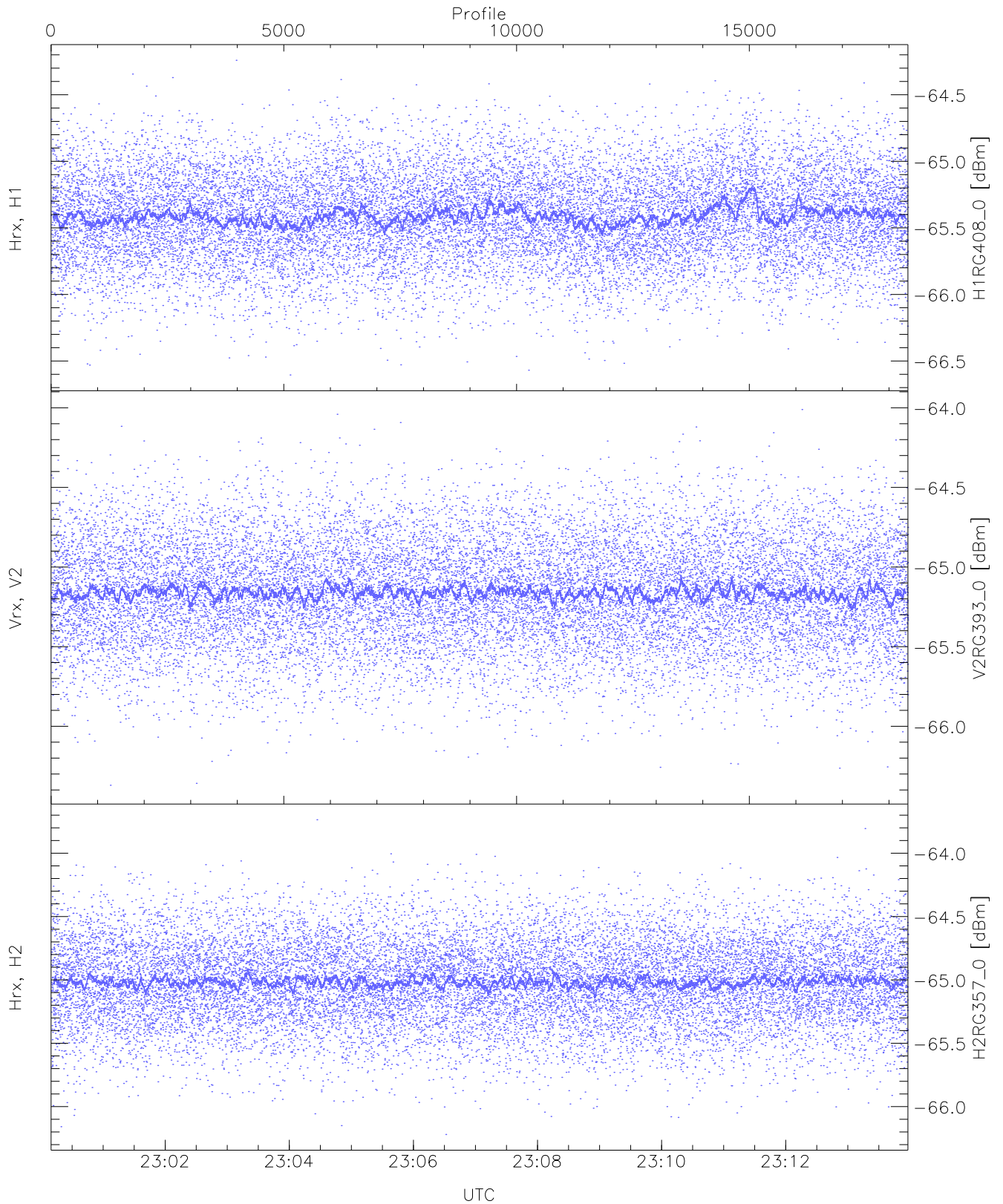
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.16	-63.59	-64.79	-64.80	-76.29
Vrx, V2 (HL [dBm])	-66.16	-63.76	-64.93	-64.94	-76.39
Hrx, H2 (HL [dBm])	-66.26	-63.55	-64.79	-64.80	-76.31



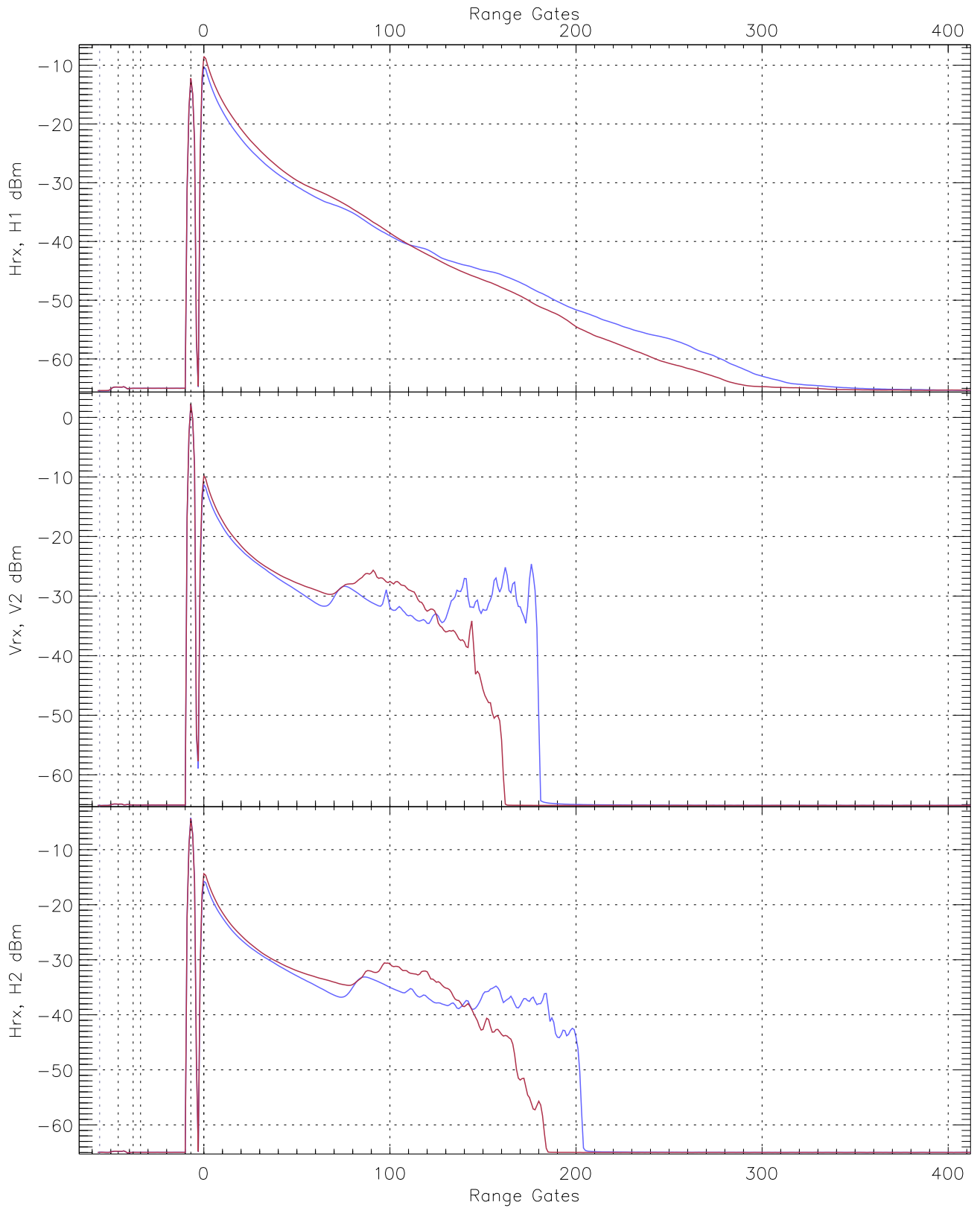
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.81	-64.08	-65.41	-65.41	-76.86
Vrx, V2 (RM [dBm])	-66.42	-64.10	-65.15	-65.16	-76.68
Hrx, H2 (RM [dBm])	-66.16	-63.88	-64.98	-64.99	-76.49

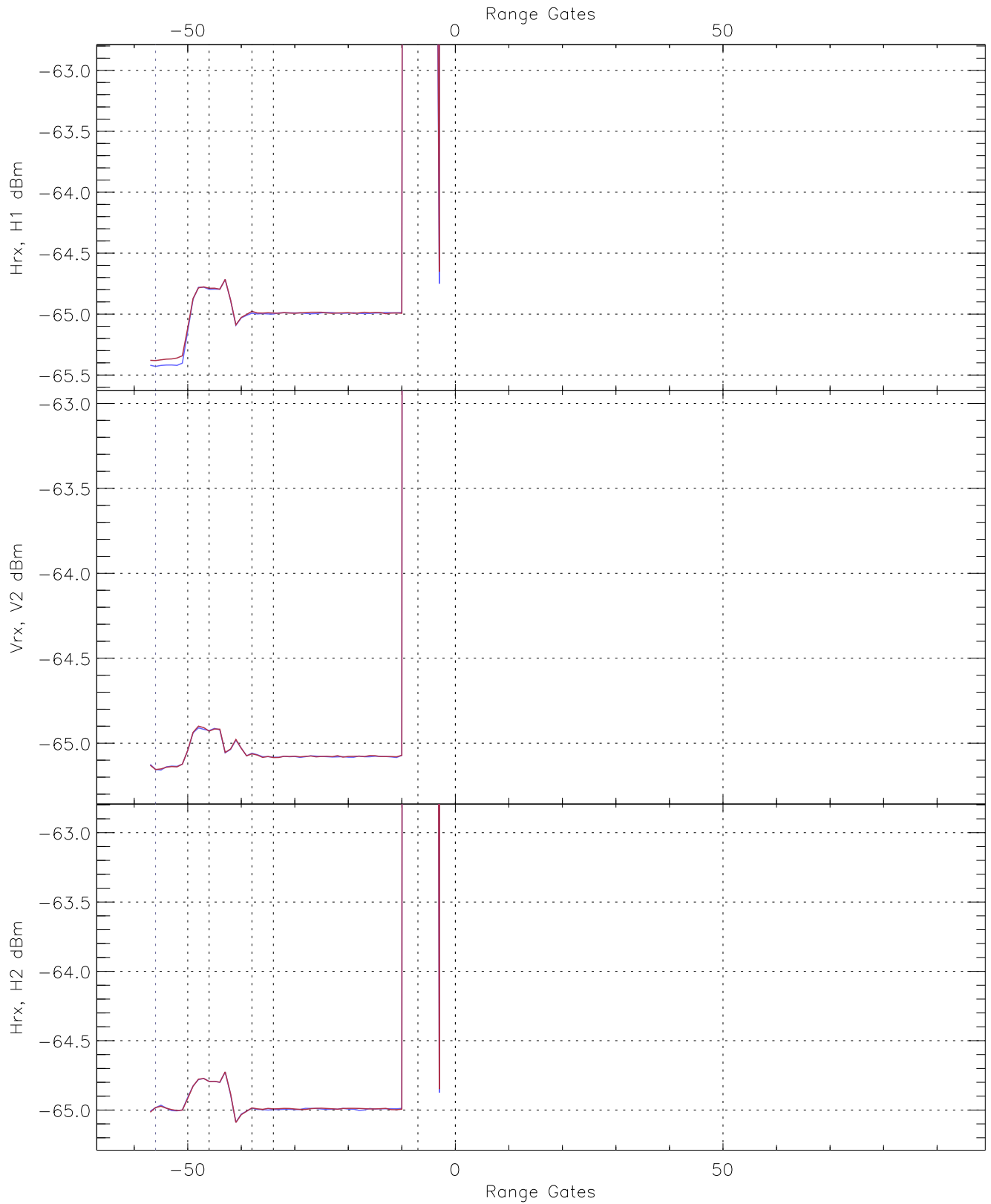


WCR3 CPP "Best" estimate Receivers Noise Power

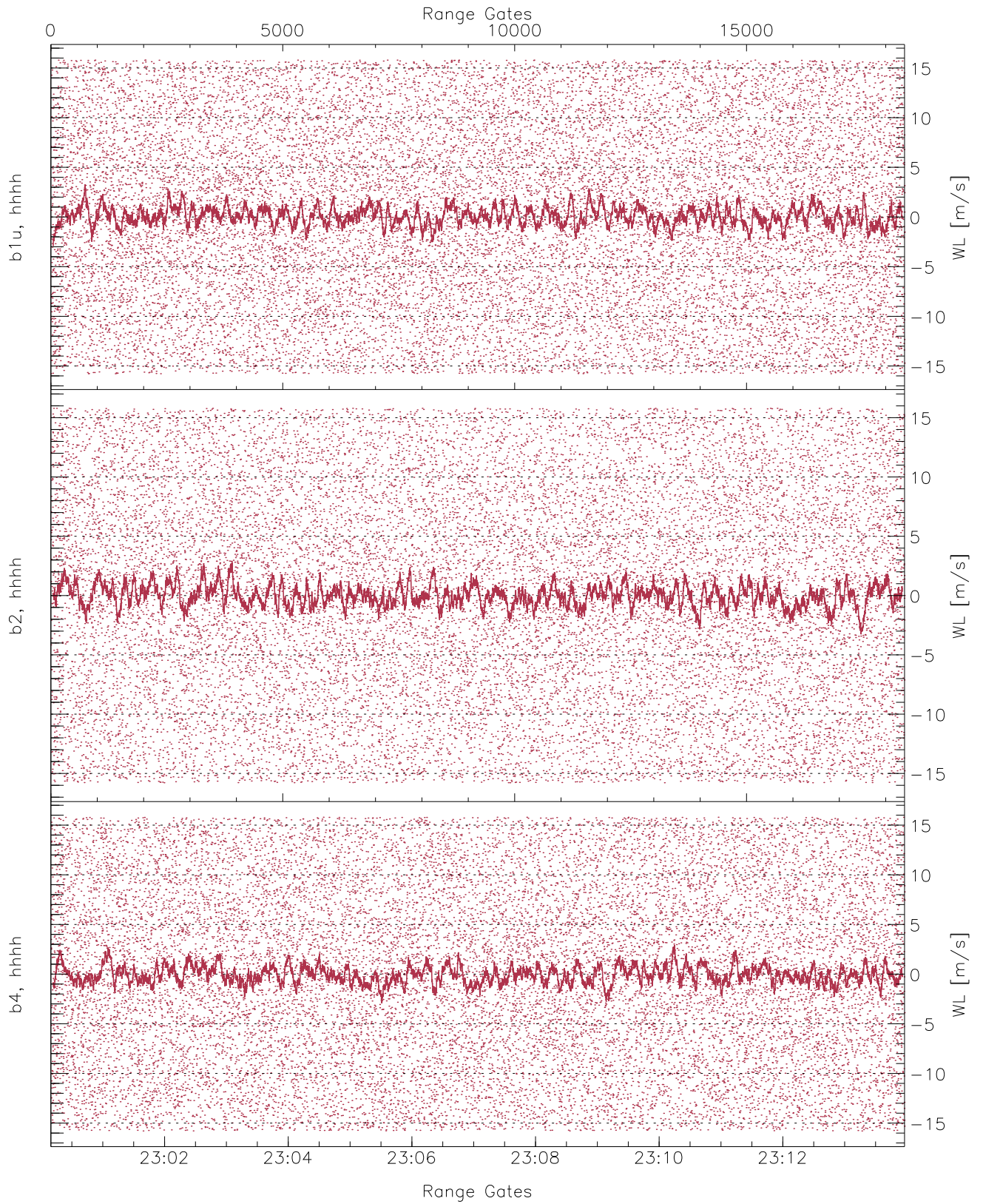
	Min	Max	Mean	Median	StDev
H1RG408_0 [dBm]	-66.61	-64.24	-65.41	-65.41	-76.84
V2RG393_0 [dBm]	-66.37	-64.01	-65.15	-65.16	-76.69
H2RG357_0 [dBm]	-66.22	-63.74	-65.01	-65.02	-76.55



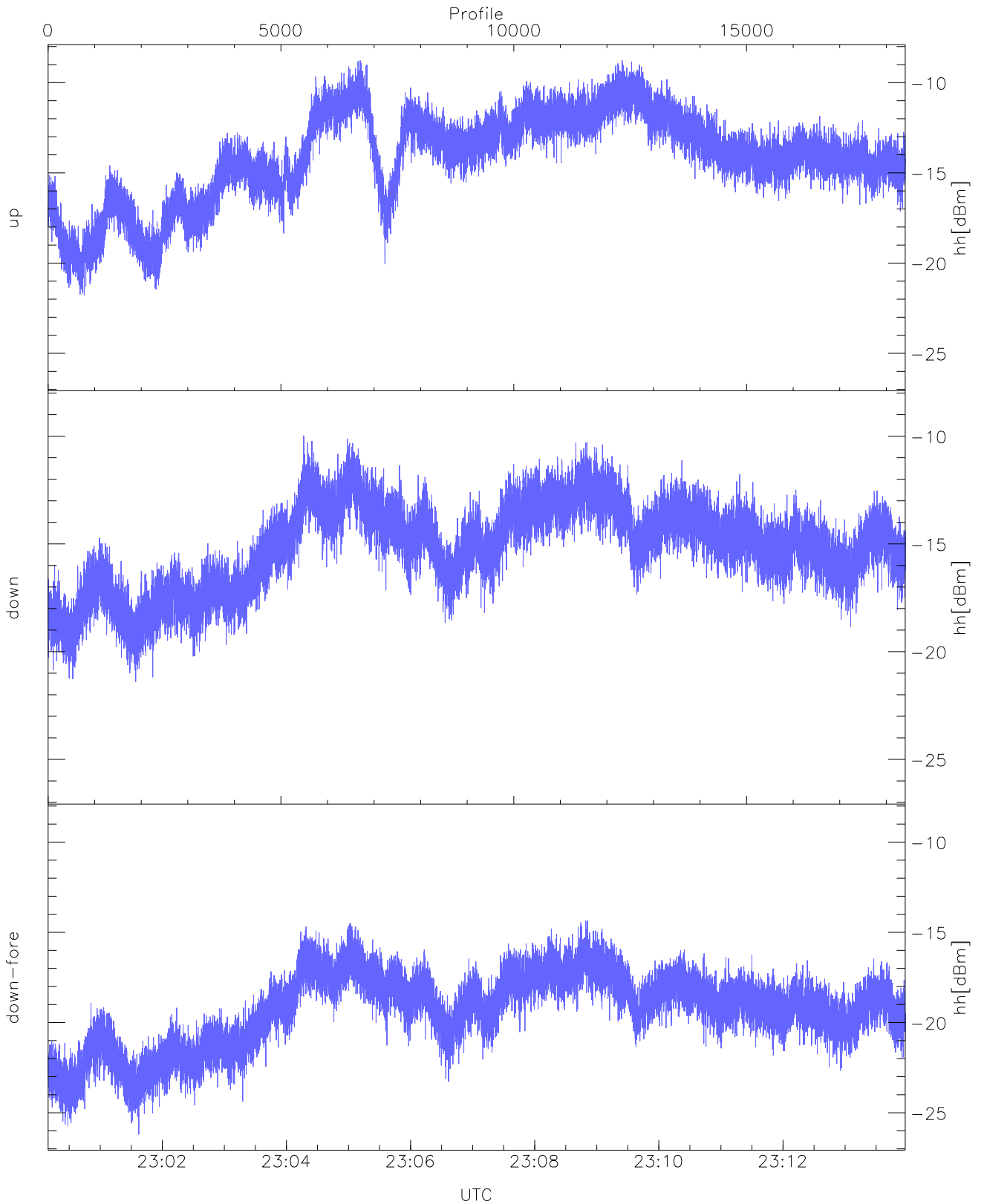
WCR3 CPP Averaged Received power for all recorded gates
blue: 230010-230704, 9205 profiles averaged
red: 230704-231358, 9204 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 230010-230704, 9205 profiles averaged
red: 230704-231358, 9204 profiles averaged

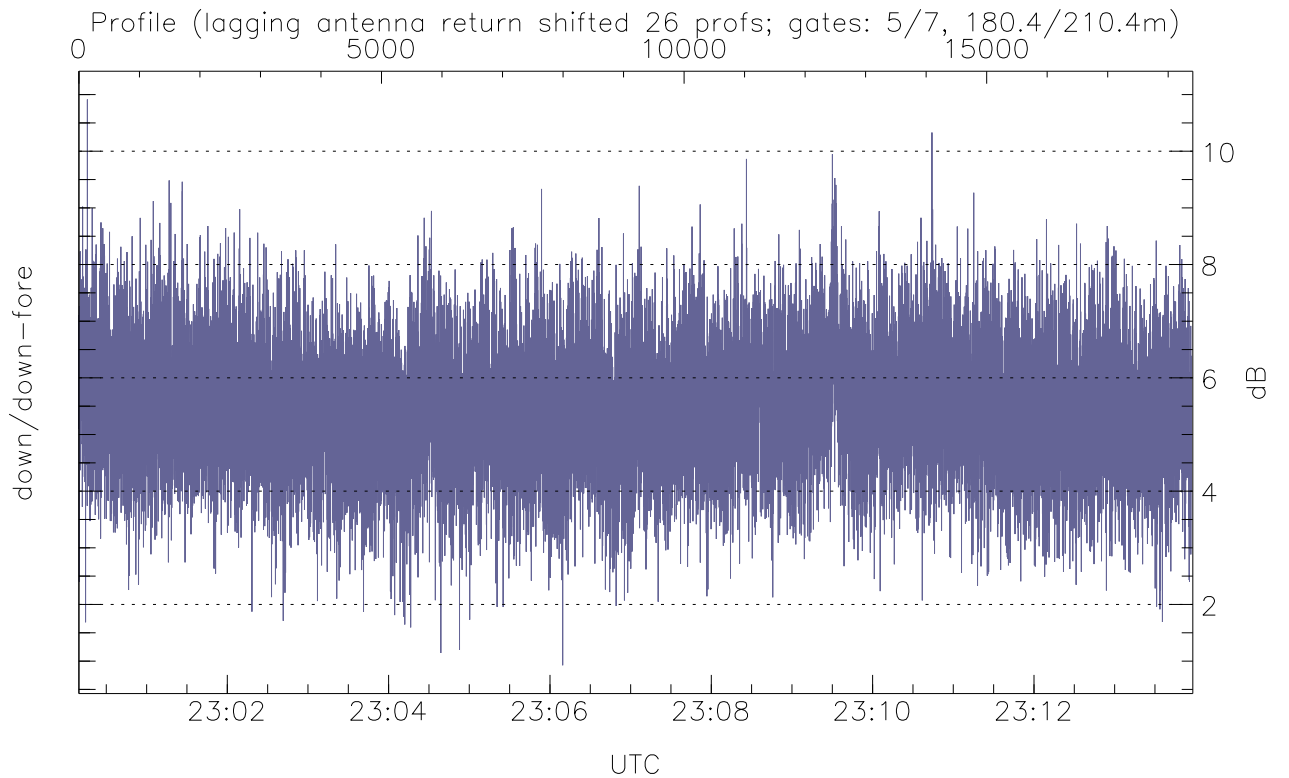
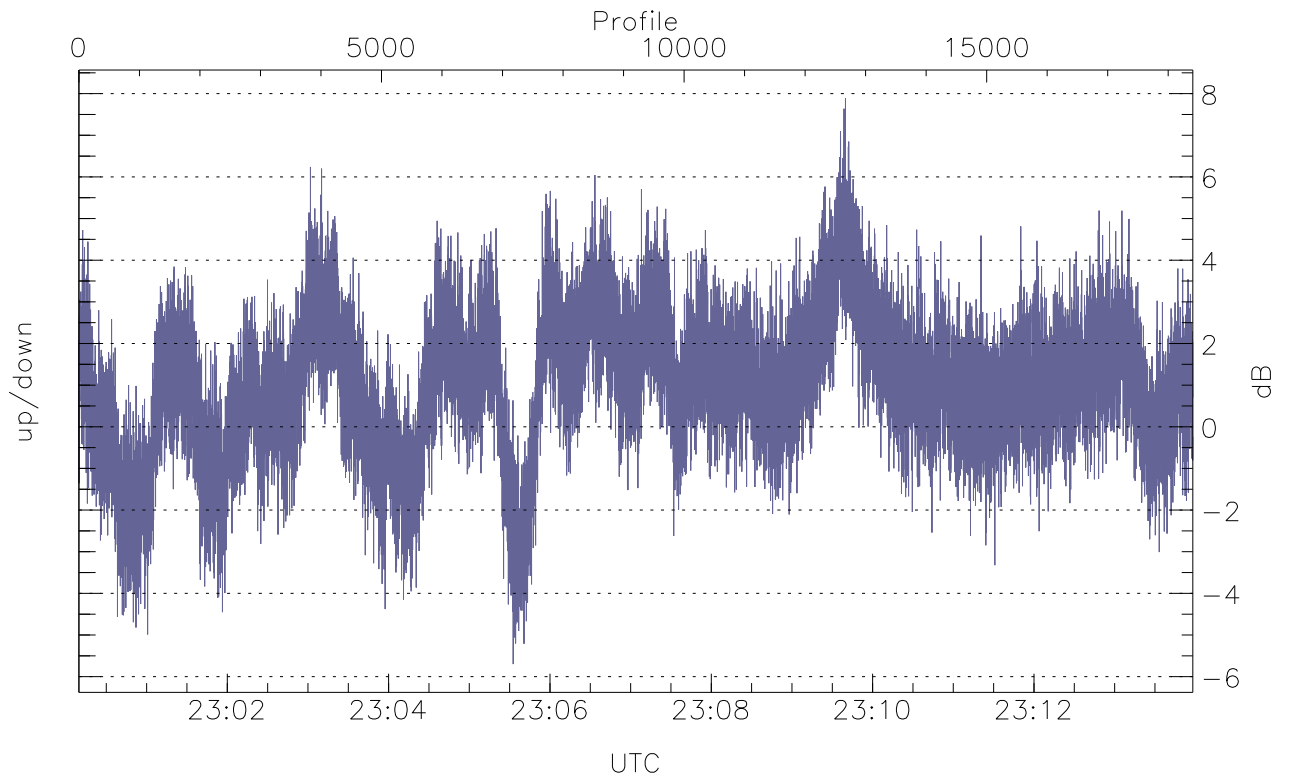


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



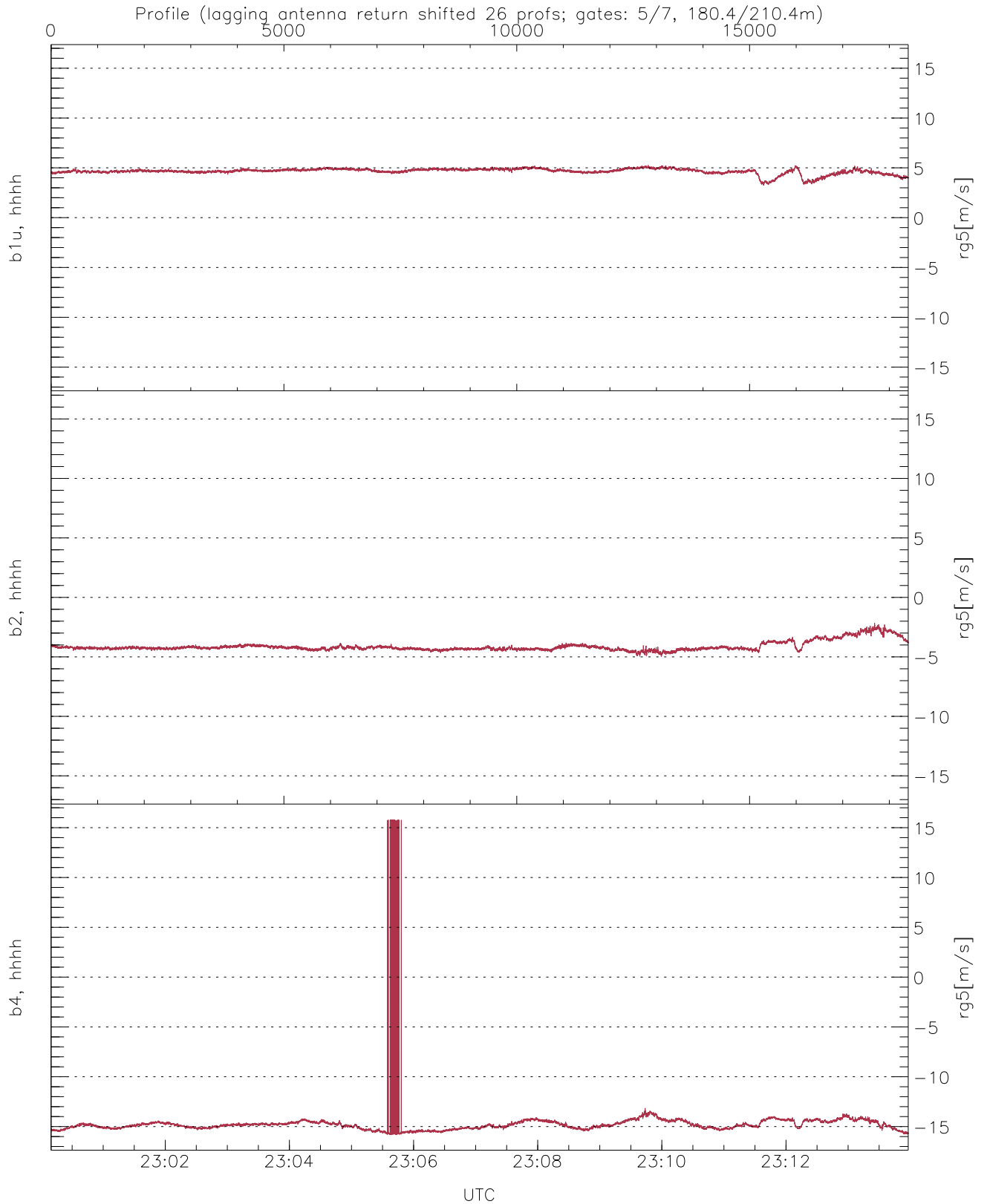
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-21.79	-8.76	-13.50
down(hh[dBm])	-21.40	-9.97	-14.71
down-fore(hh[dBm])	-26.20	-14.35	-18.85



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

	Min	Max	Mean
up/down (dB)	-5.70	7.89	1.00
down/down-fore (dB)	0.93	10.91	5.47



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	3.24	5.27	4.66	0.29
b2, hhhh(rg5[m/s])	-4.98	-2.16	-4.13	0.42
b4, hhhh(rg5[m/s])	-15.79	15.79	-14.74	1.74