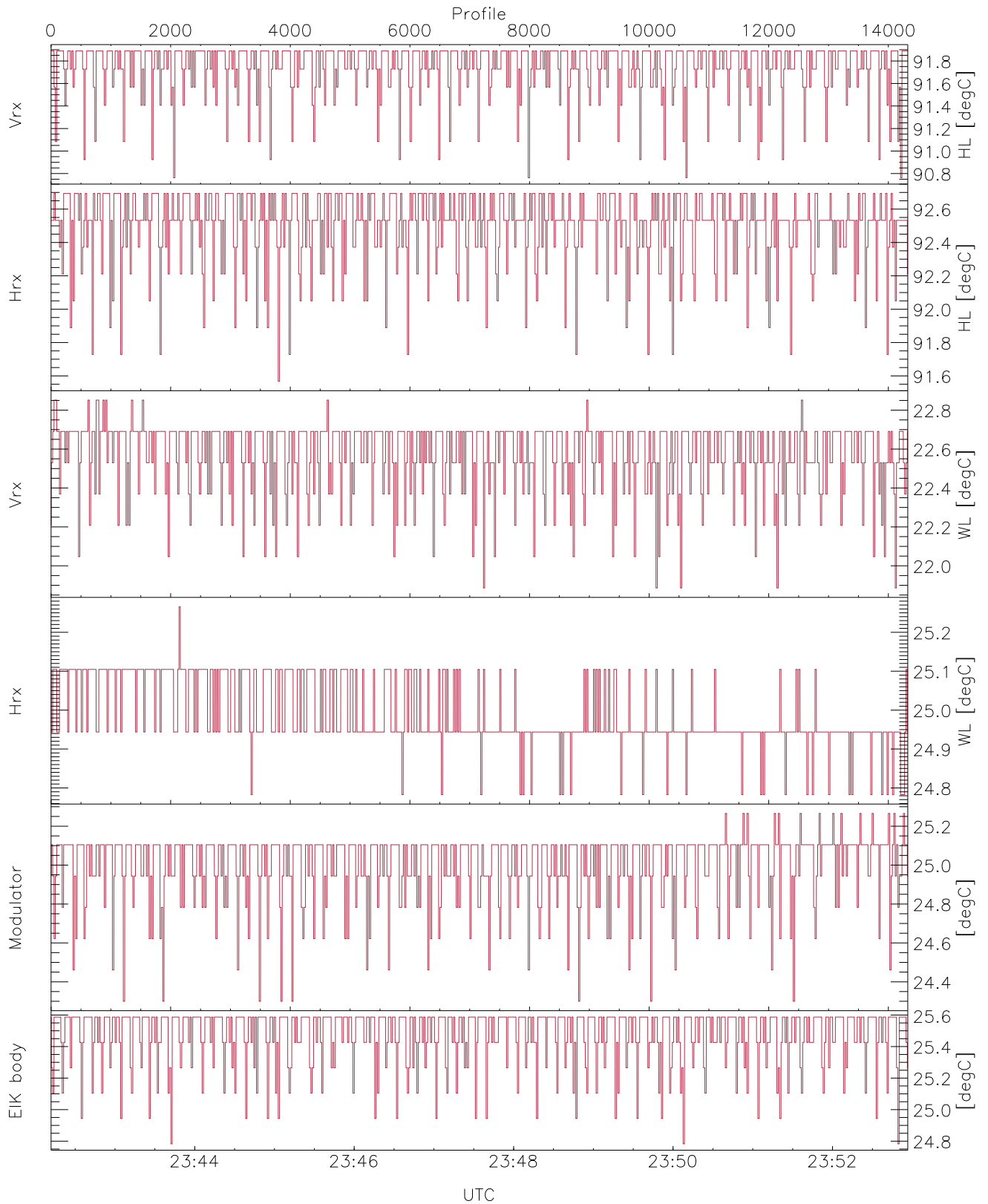


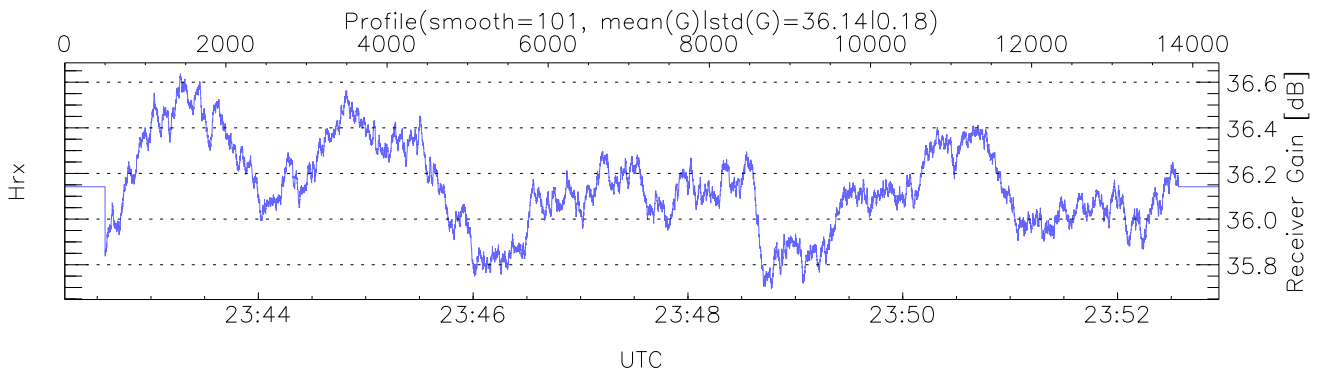
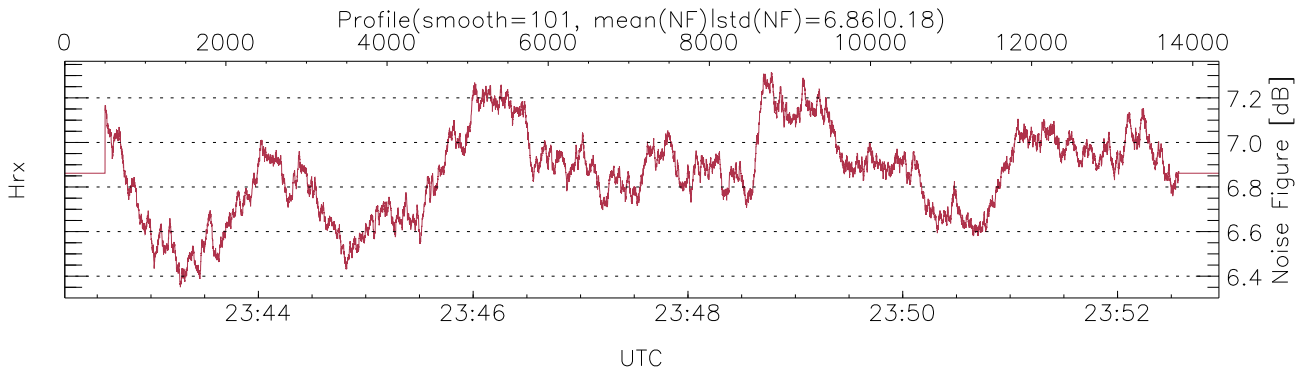
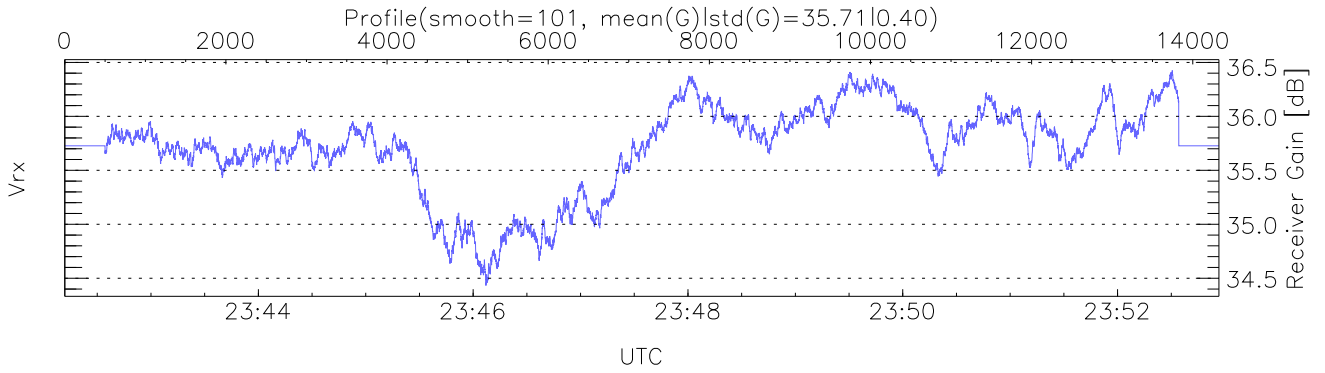
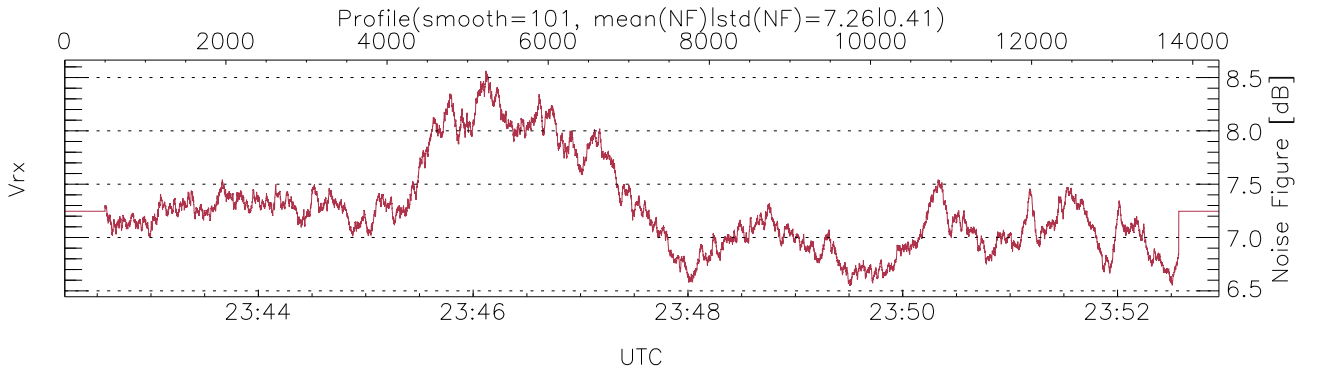
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 23:42:12-23:52:57, TimeCor: 0.00s, Dur: 644.79s
 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): 14326/14326, 0-14325/23:42:12-23:52:57
 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



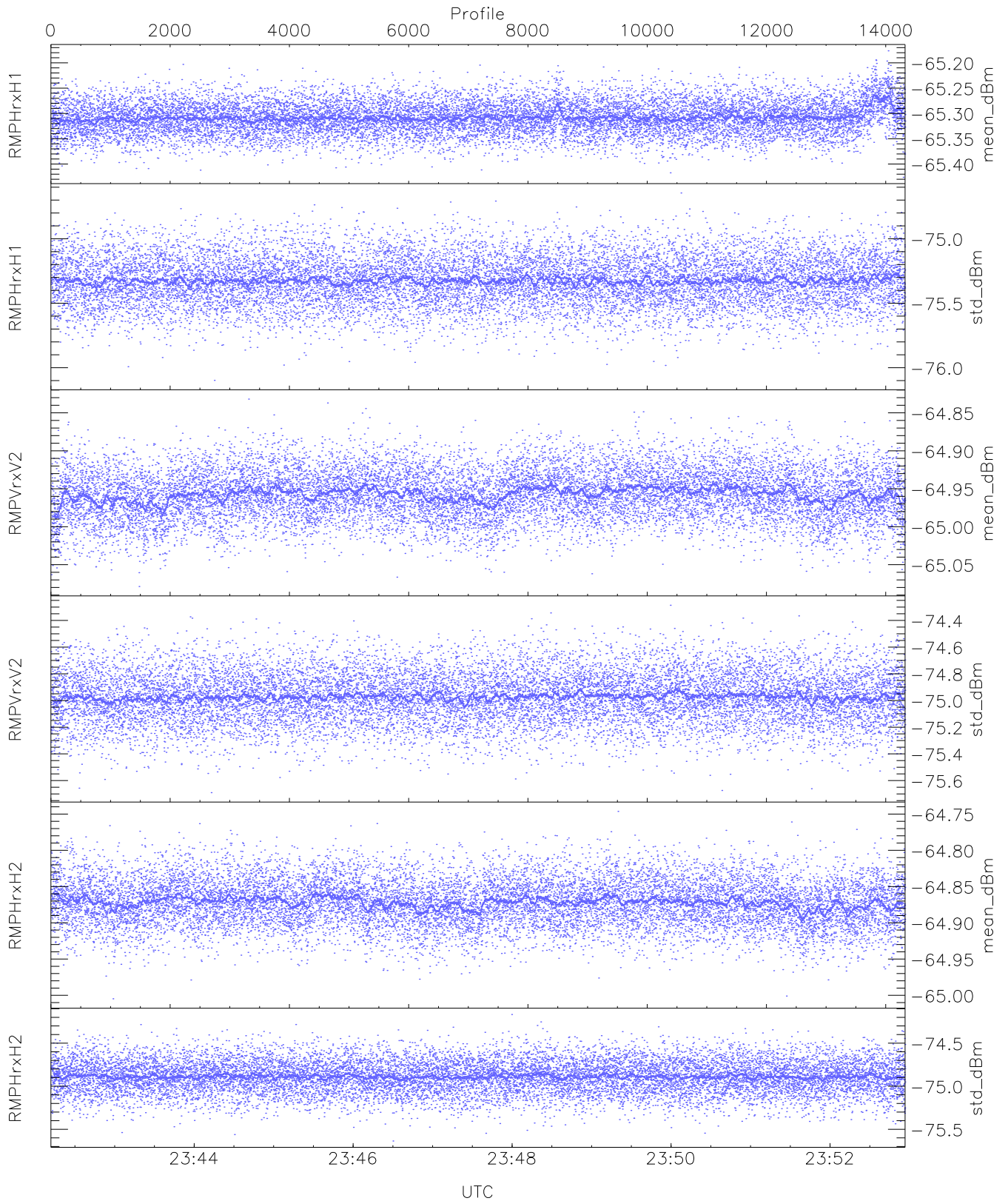
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

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



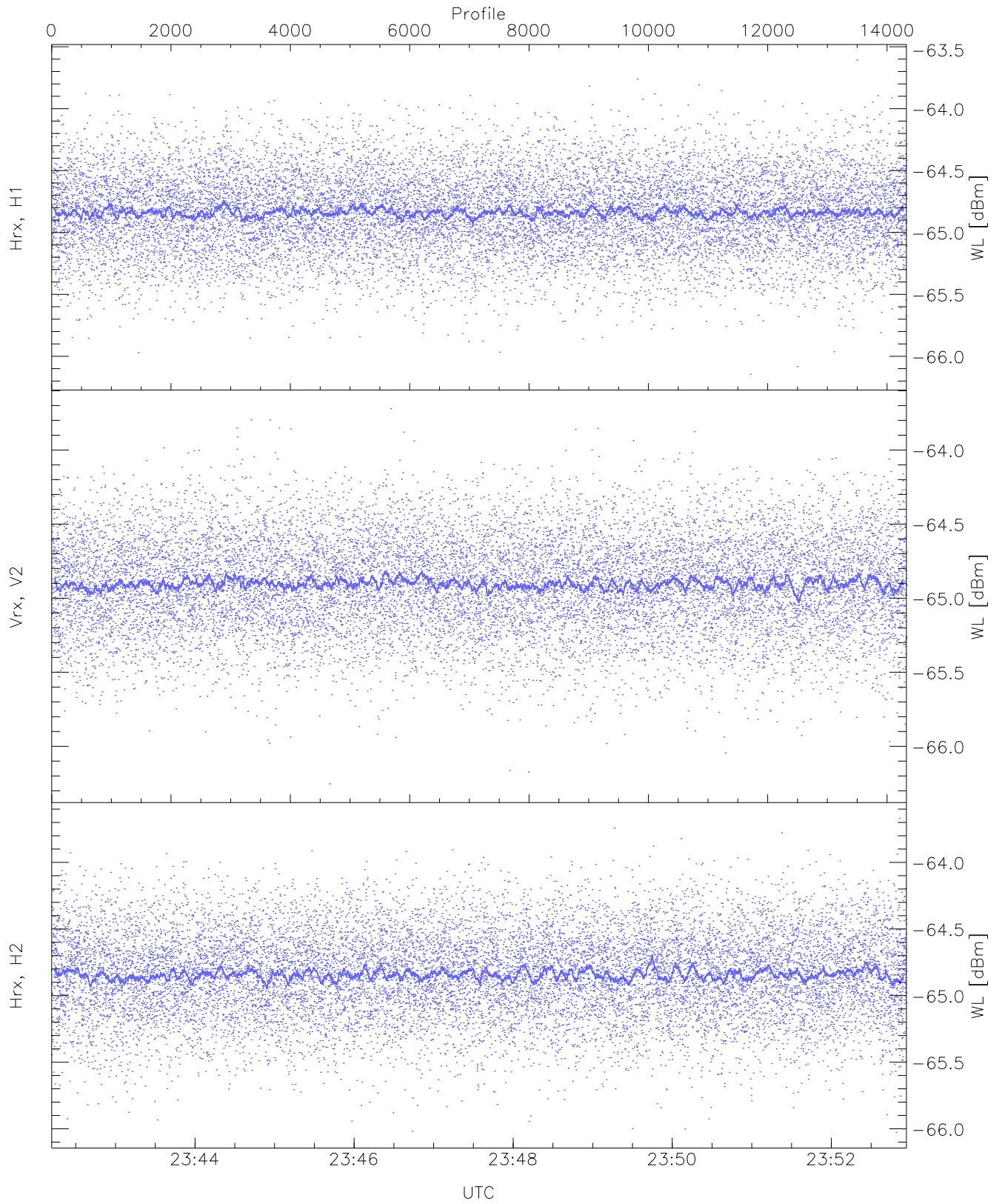
WCR3 CPP Receivers Gain and Noise Figure

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



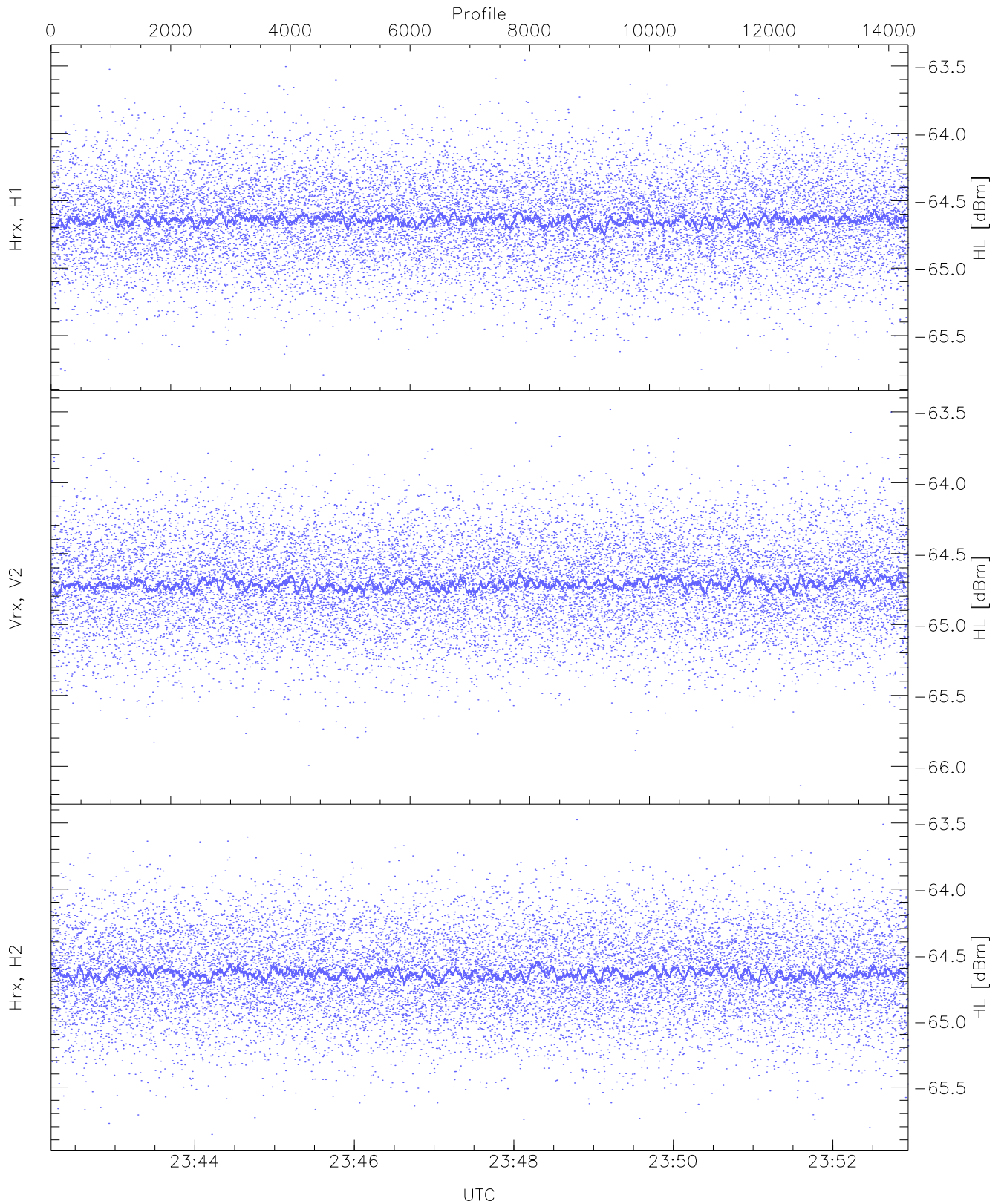
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.43	-65.18	-65.31	-65.31	-86.79
RMPHrxH1(std_dBm)	-76.10	-74.64	-75.32	-75.33	-89.13
RMPVrxV2(mean_dBm)	-65.08	-64.83	-64.96	-64.96	-86.38
RMPVrxV2(std_dBm)	-75.69	-74.29	-74.97	-74.98	-88.75
RMPHrxH2(mean_dBm)	-65.00	-64.75	-64.87	-64.87	-86.39
RMPHrxH2(std_dBm)	-75.64	-74.17	-74.89	-74.89	-88.71



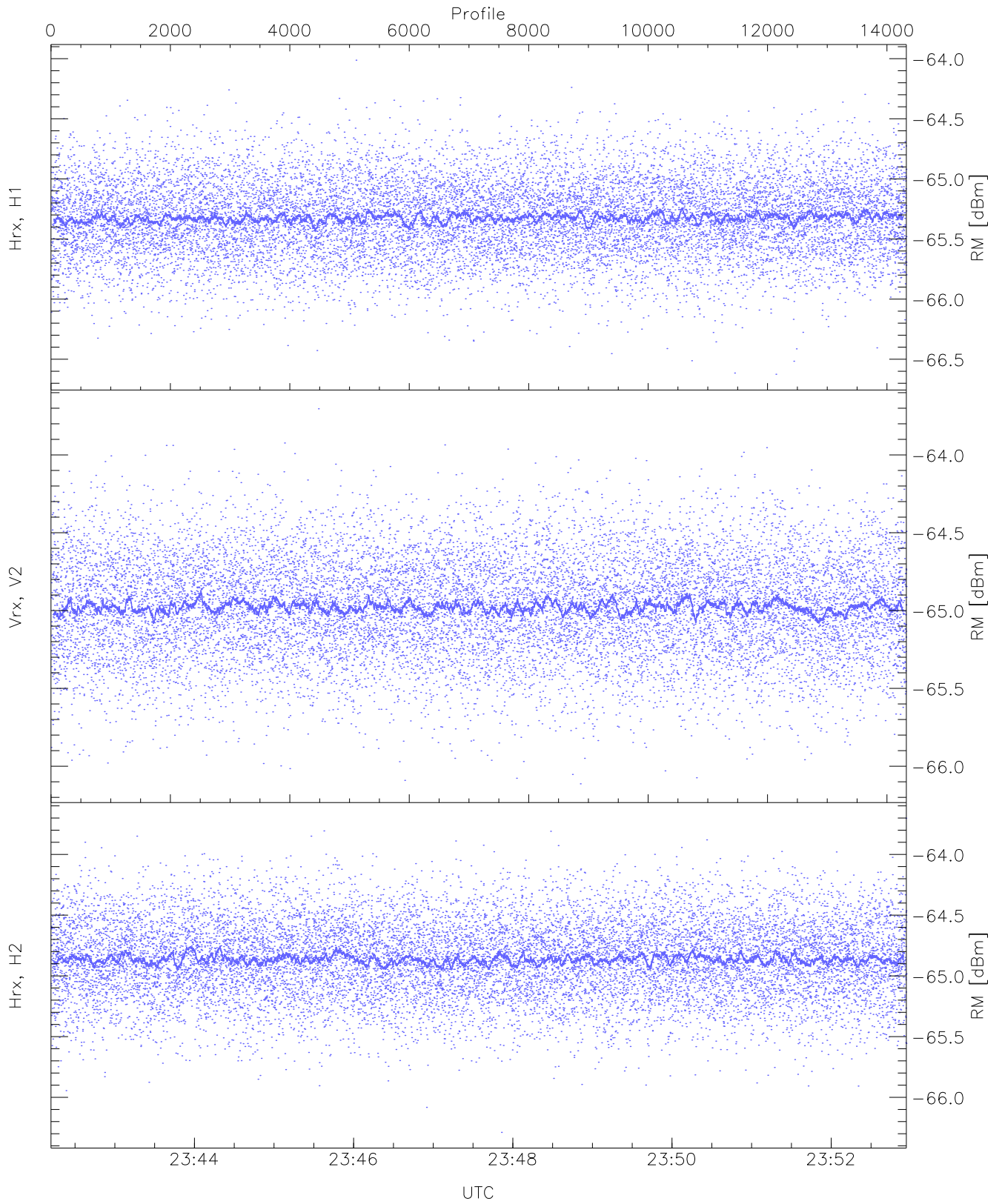
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.15	-63.61	-64.83	-64.84	-76.35
Vrx, V2(WL [dBm])	-66.25	-63.72	-64.90	-64.91	-76.43
Hrx, H2(WL [dBm])	-66.03	-63.67	-64.83	-64.84	-76.32



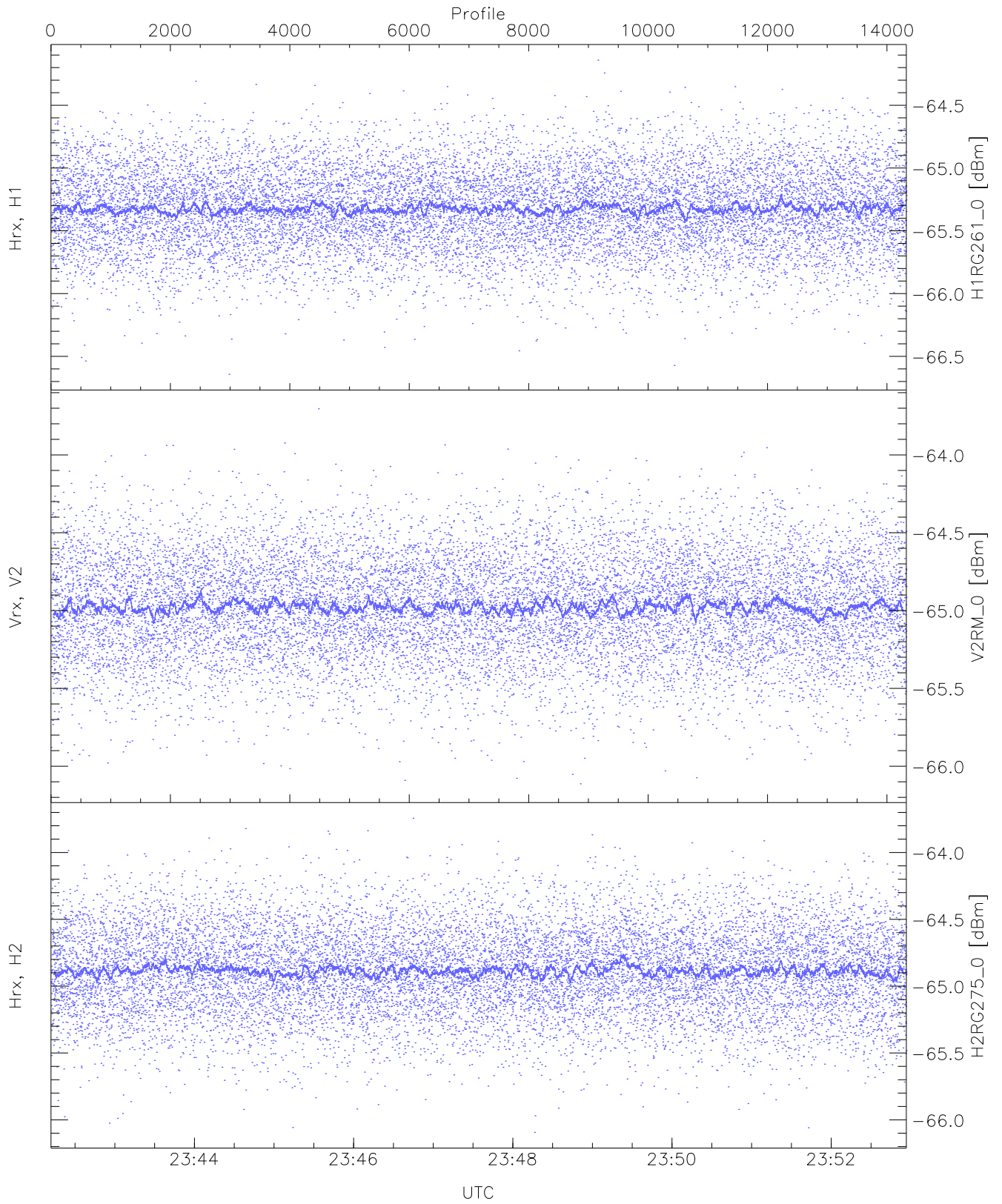
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.79	-63.46	-64.63	-64.64	-76.17
Vrx, V2 (HL [dBm])	-66.13	-63.48	-64.71	-64.72	-76.24
Hrx, H2 (HL [dBm])	-65.86	-63.48	-64.63	-64.64	-76.10



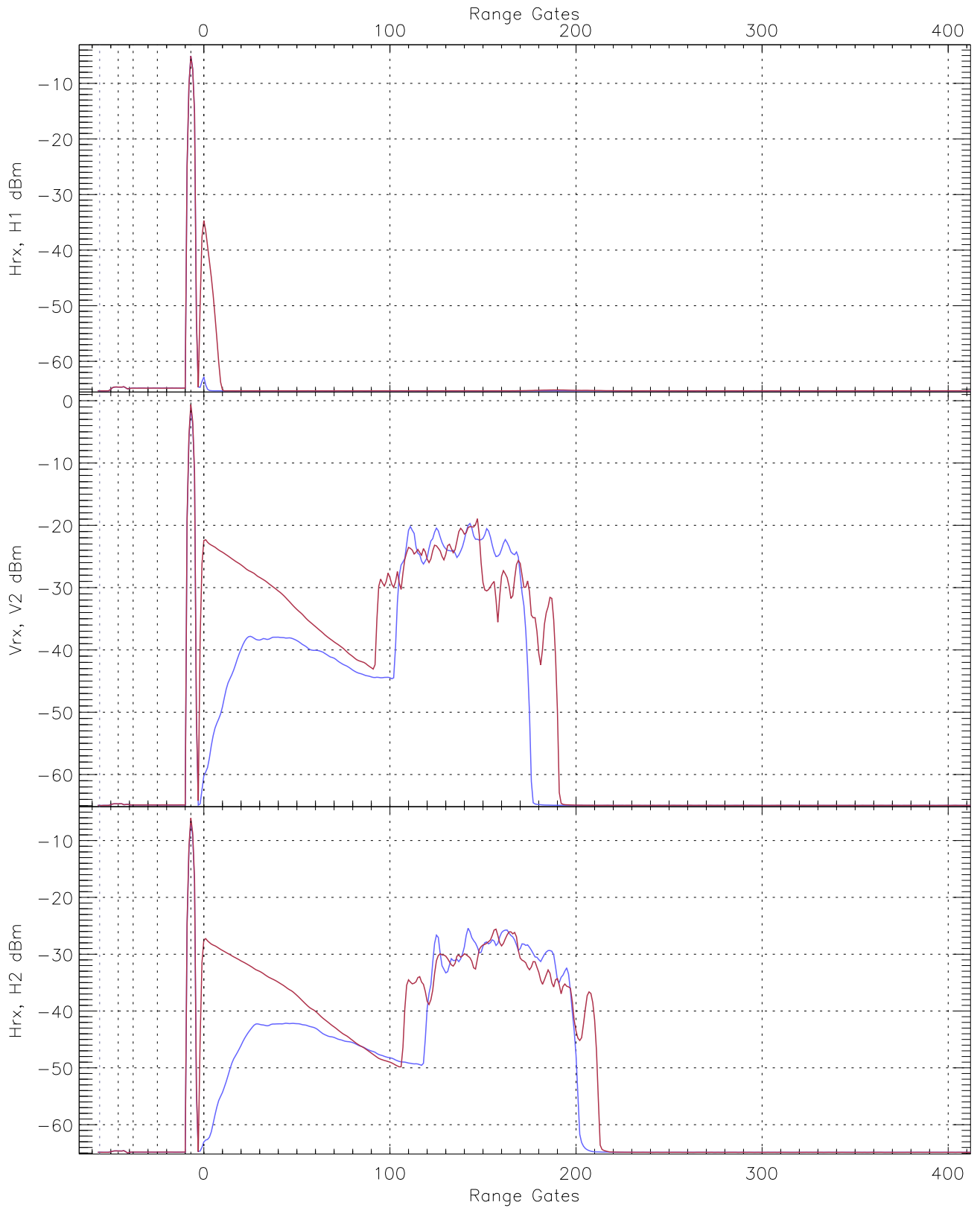
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.63	-64.01	-65.32	-65.33	-76.83
Vrx, V2 (RM [dBm])	-66.11	-63.70	-64.97	-64.98	-76.47
Hrx, H2 (RM [dBm])	-66.29	-63.70	-64.86	-64.86	-76.39

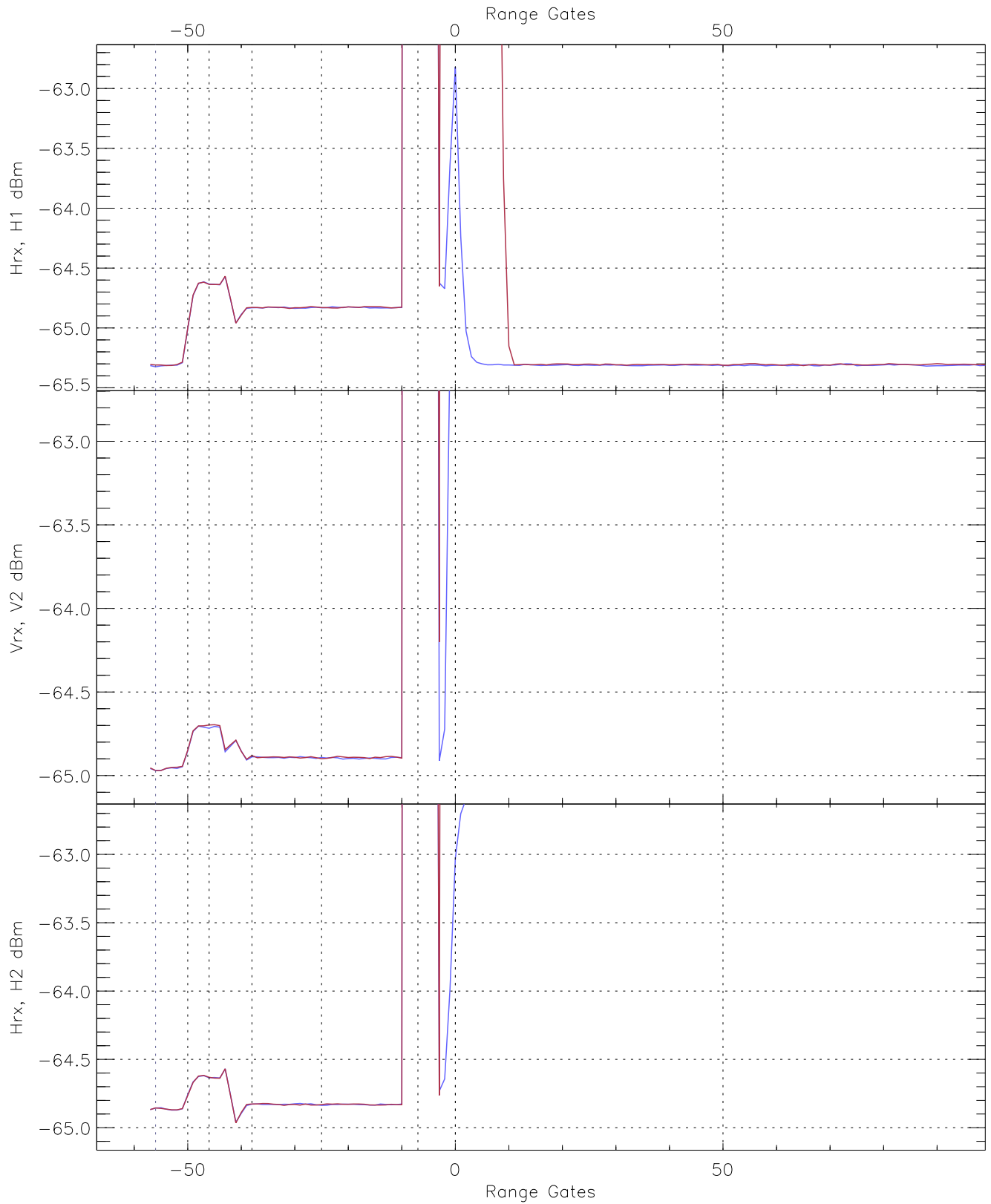


WCR3 CPP "Best" estimate Receivers Noise Power

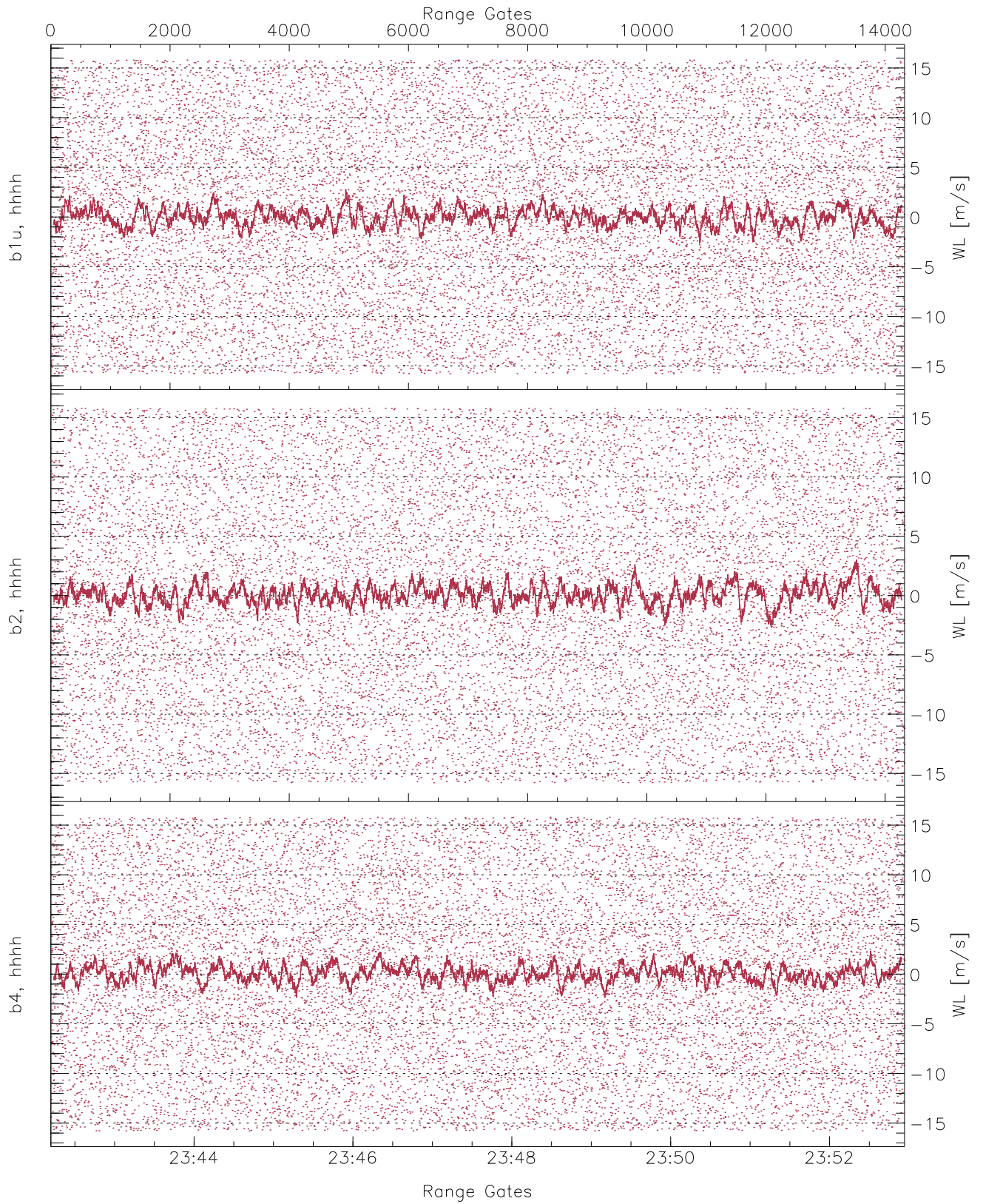
	Min	Max	Mean	Median	StDev
H1RG261_0 [dBm]	-66.64	-64.14	-65.32	-65.32	-76.84
V2RM_0 [dBm]	-66.11	-63.70	-64.97	-64.98	-76.47
H2RG275_0 [dBm]	-66.09	-63.74	-64.88	-64.89	-76.41



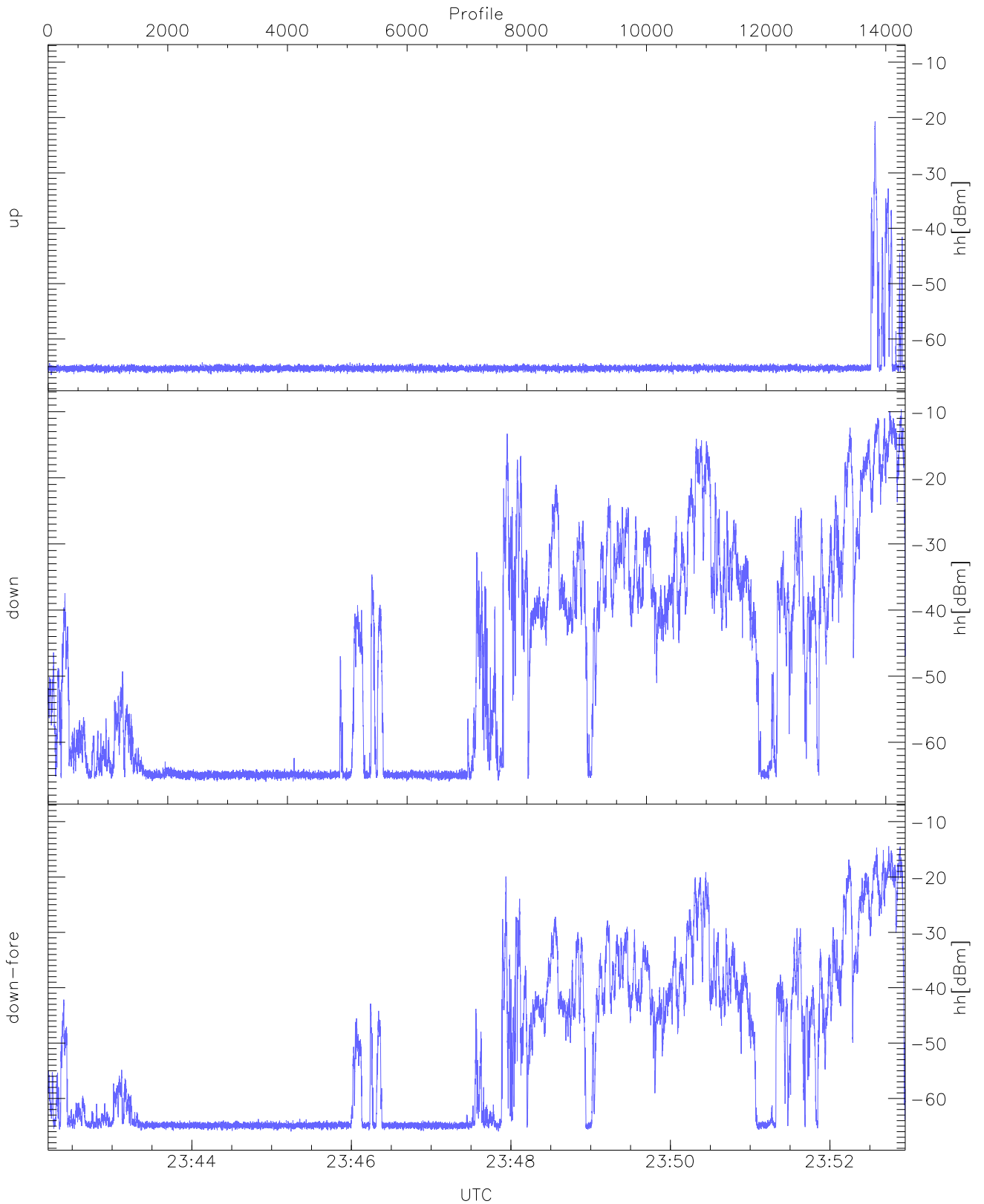
WCR3 CPP Averaged Received power for all recorded gates
blue: 234212-234734, 7164 profiles averaged
red: 234734-235257, 7163 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 234212-234734, 7164 profiles averaged
red: 234734-235257, 7163 profiles averaged

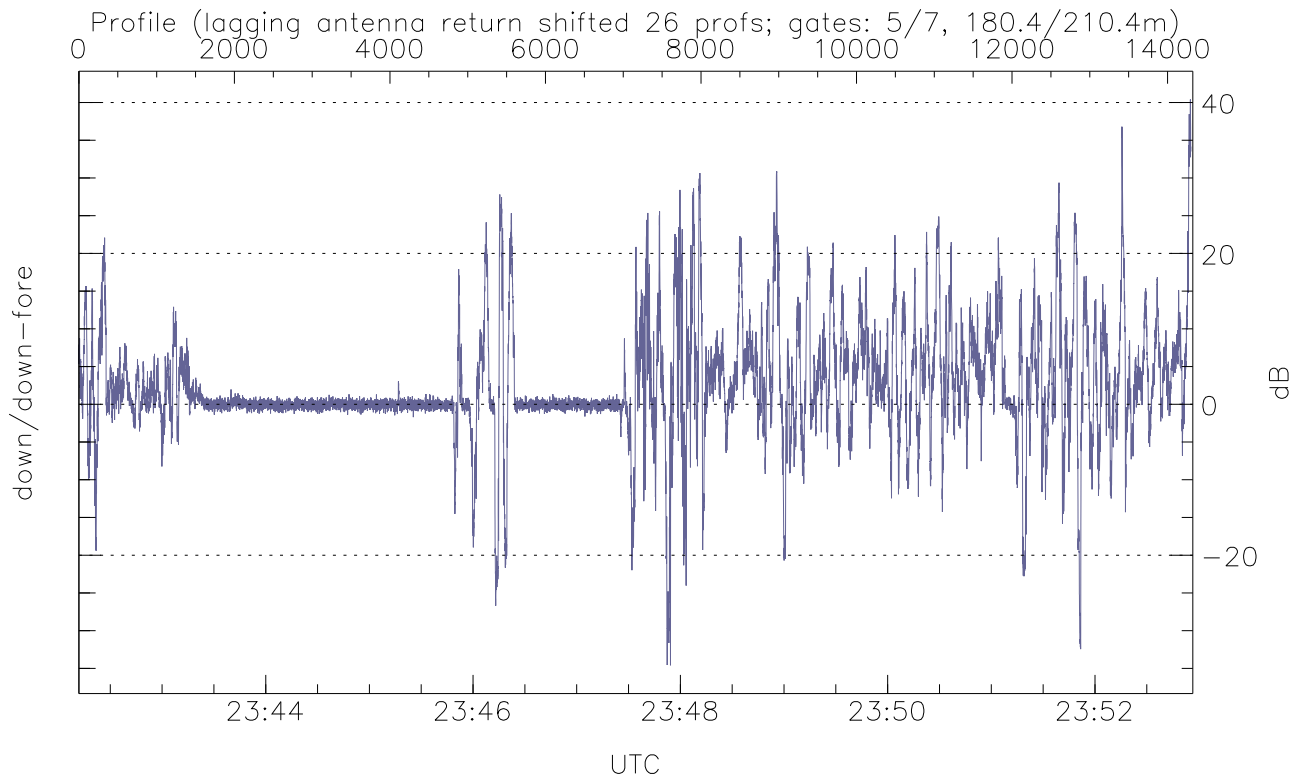
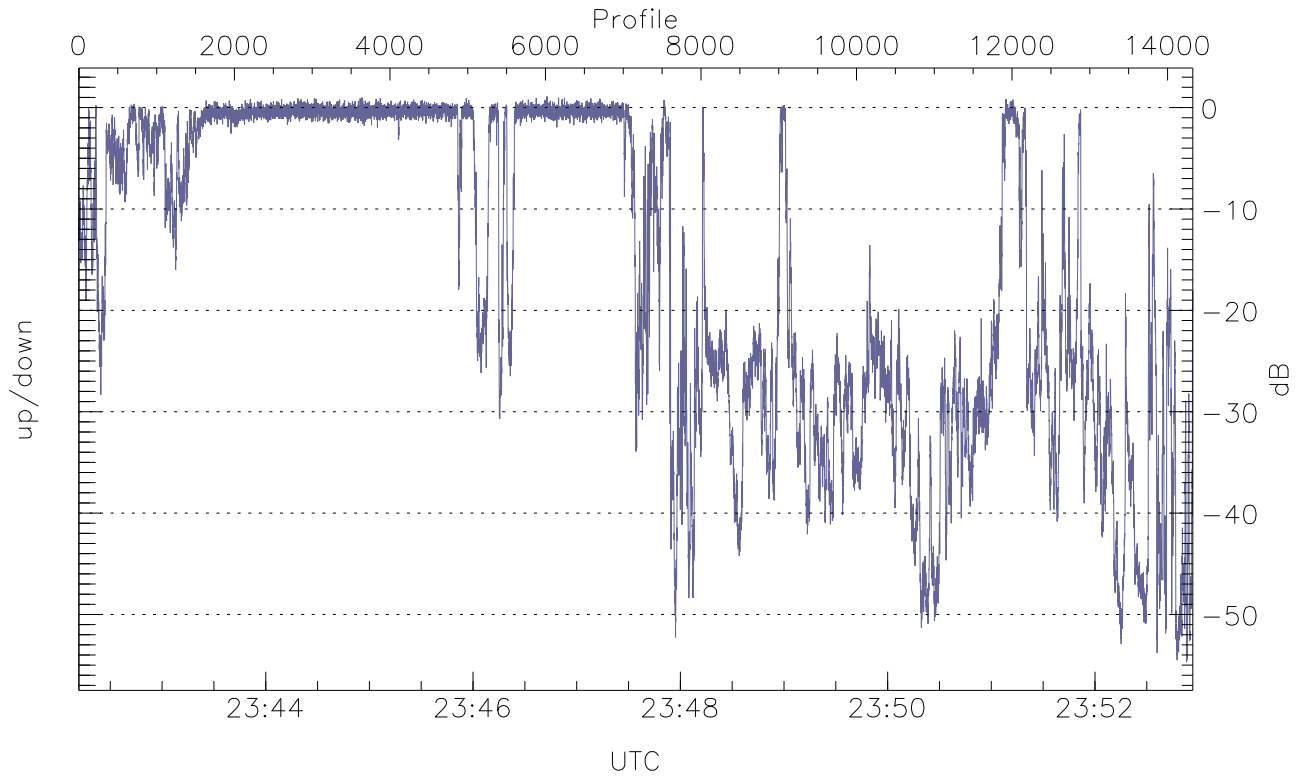


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



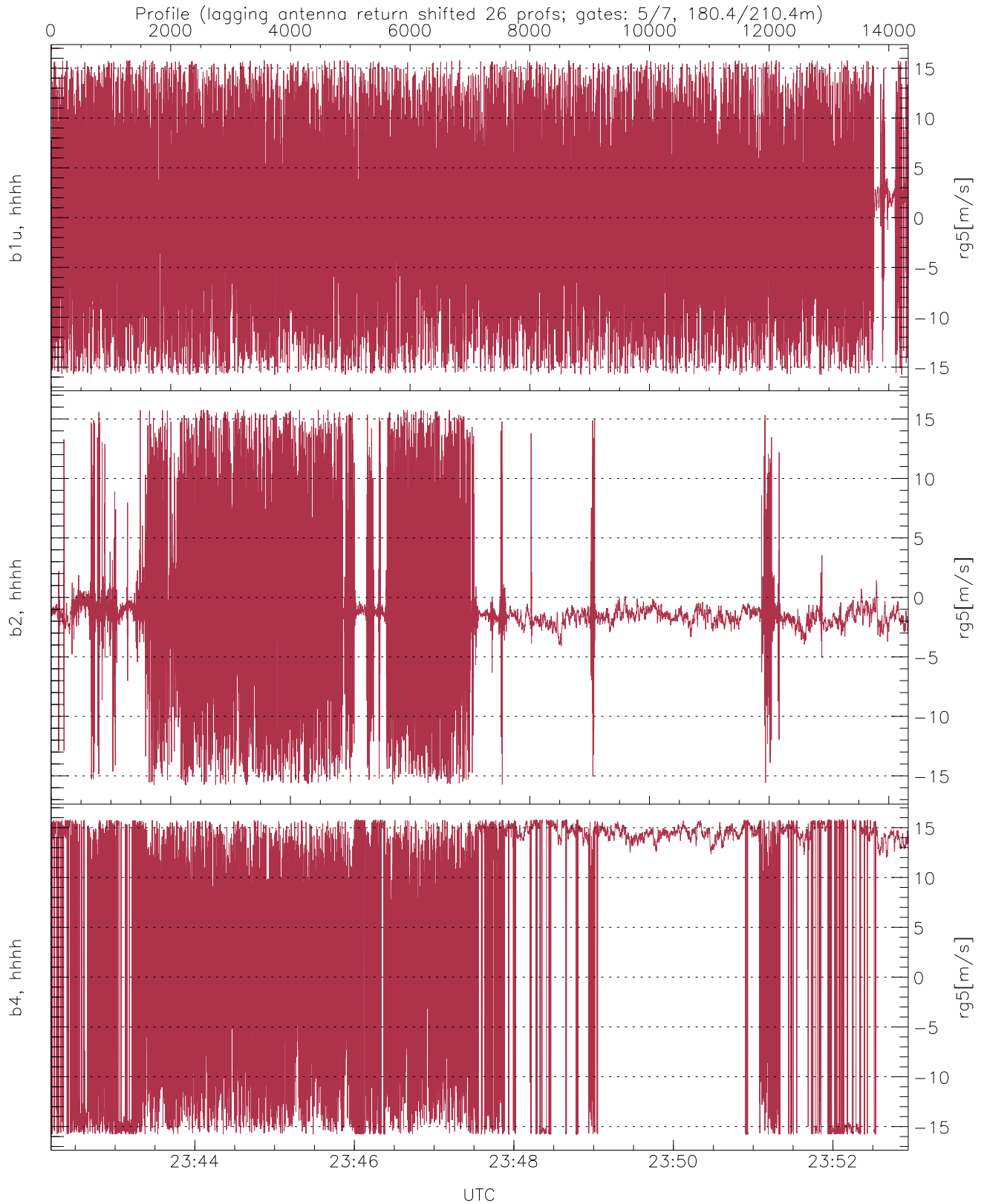
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.50	-20.72	-50.96
down(hh[dBm])	-65.98	-9.67	-26.34
down-fore(hh[dBm])	-65.96	-14.42	-31.39



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

	Min	Max	Mean
up/down (dB)	-54.70	1.11	-15.79
down/down-fore (dB)	-34.59	40.40	2.50



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	0.11	8.26
b2, hhhh(rg5[m/s])	-15.77	15.79	-0.93	5.26
b4, hhhh(rg5[m/s])	-15.79	15.79	5.00	11.50