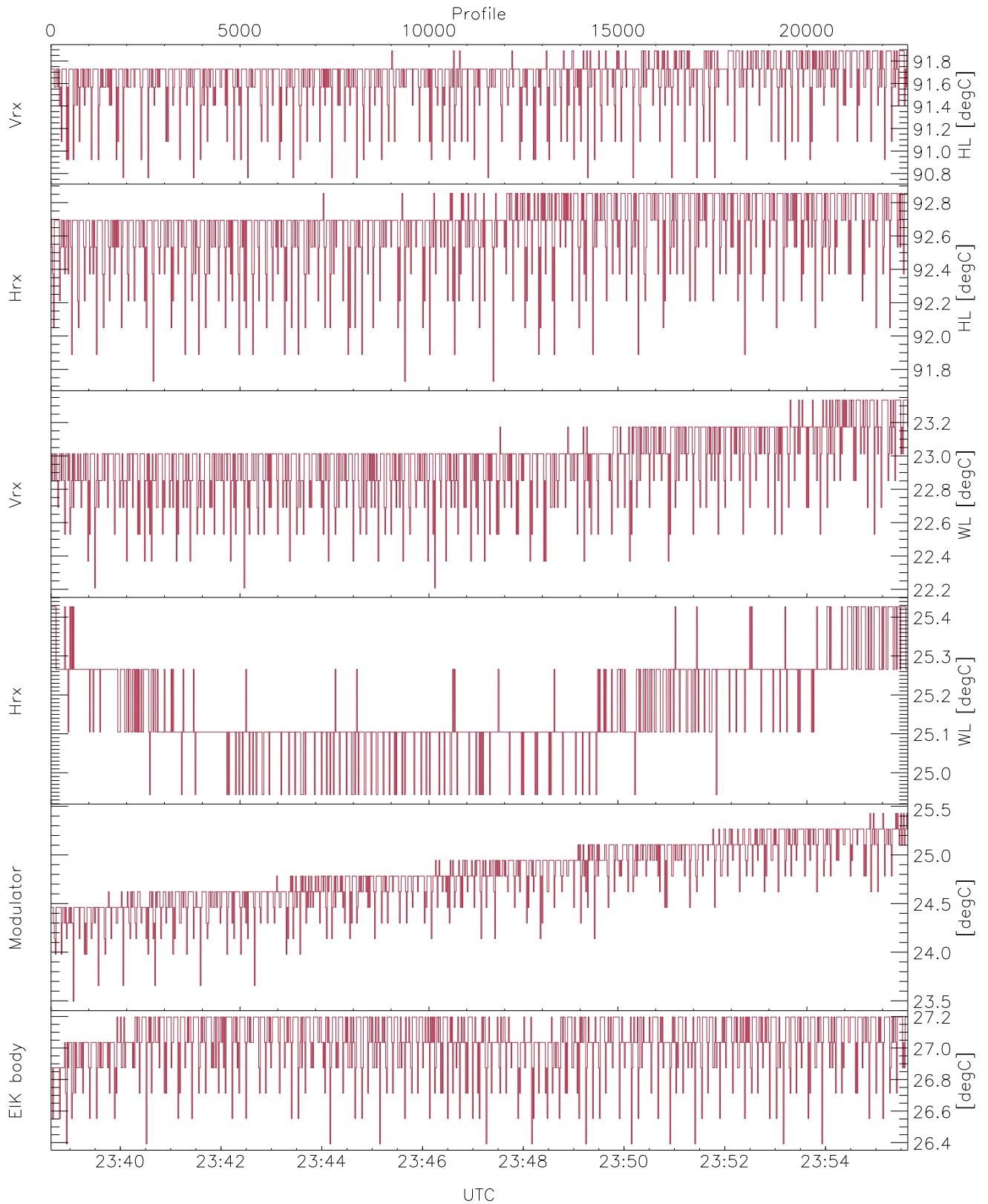


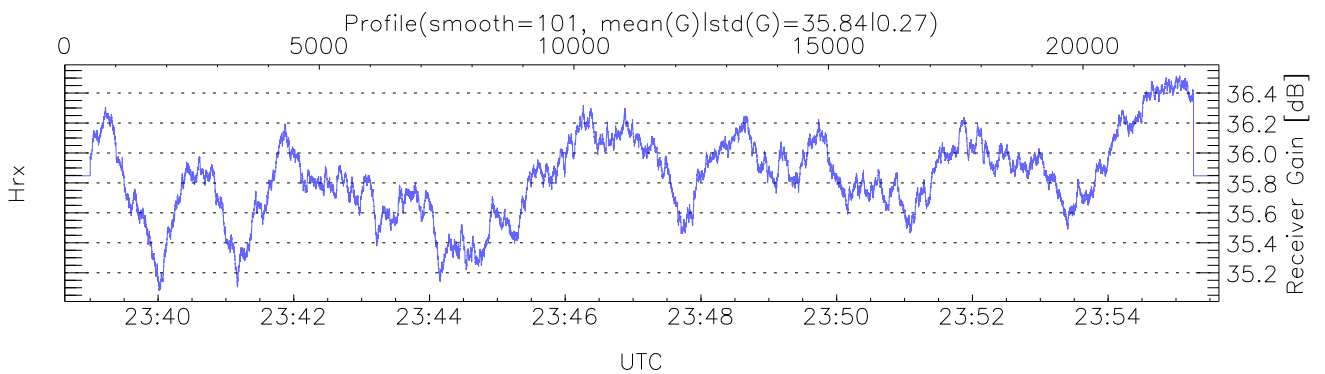
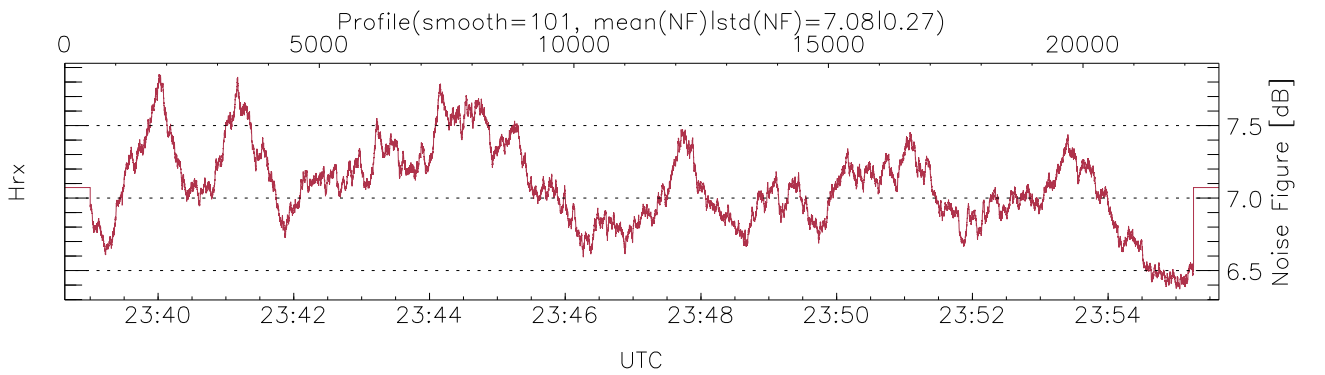
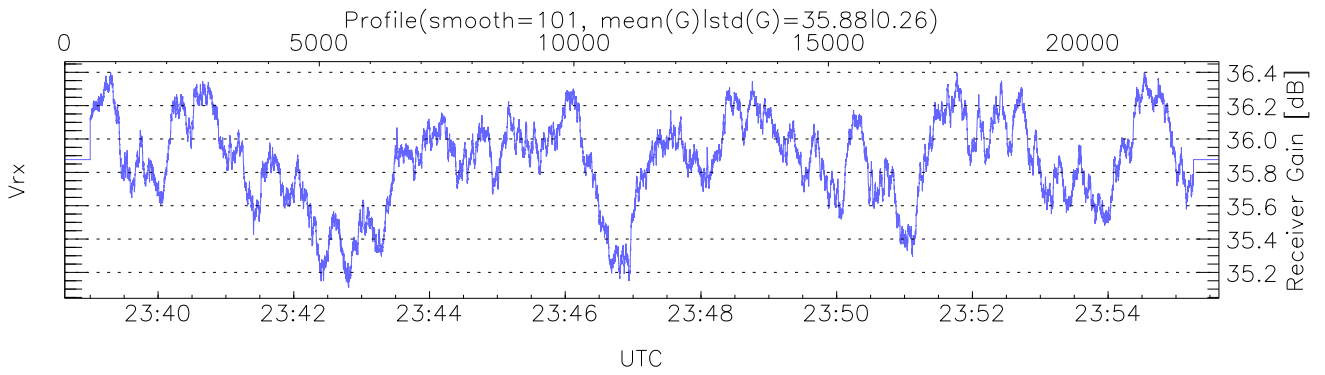
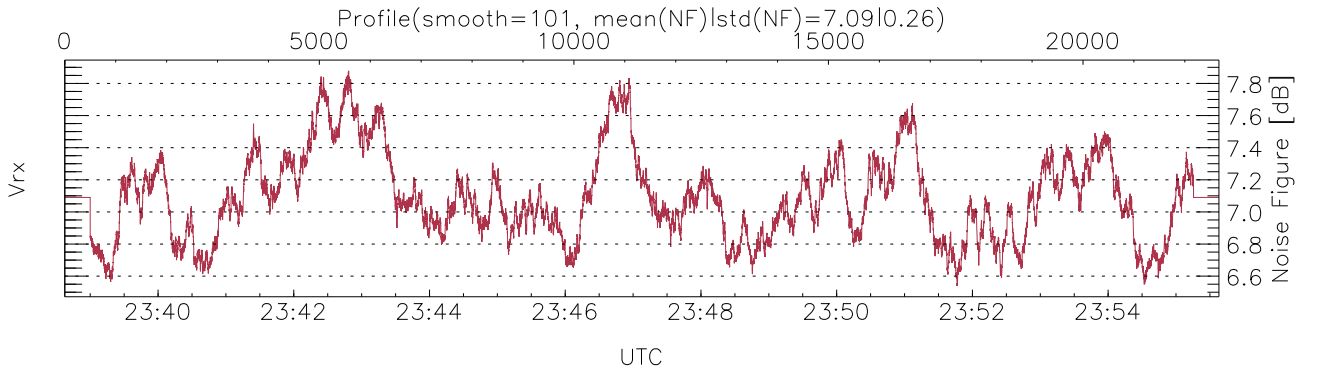
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 23:38:38-23:55:38, TimeCor: 0.00s, Dur: 1020.45s
 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): 22672/22672, 0-22671/23:38:38-23:55:38
 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,rqs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



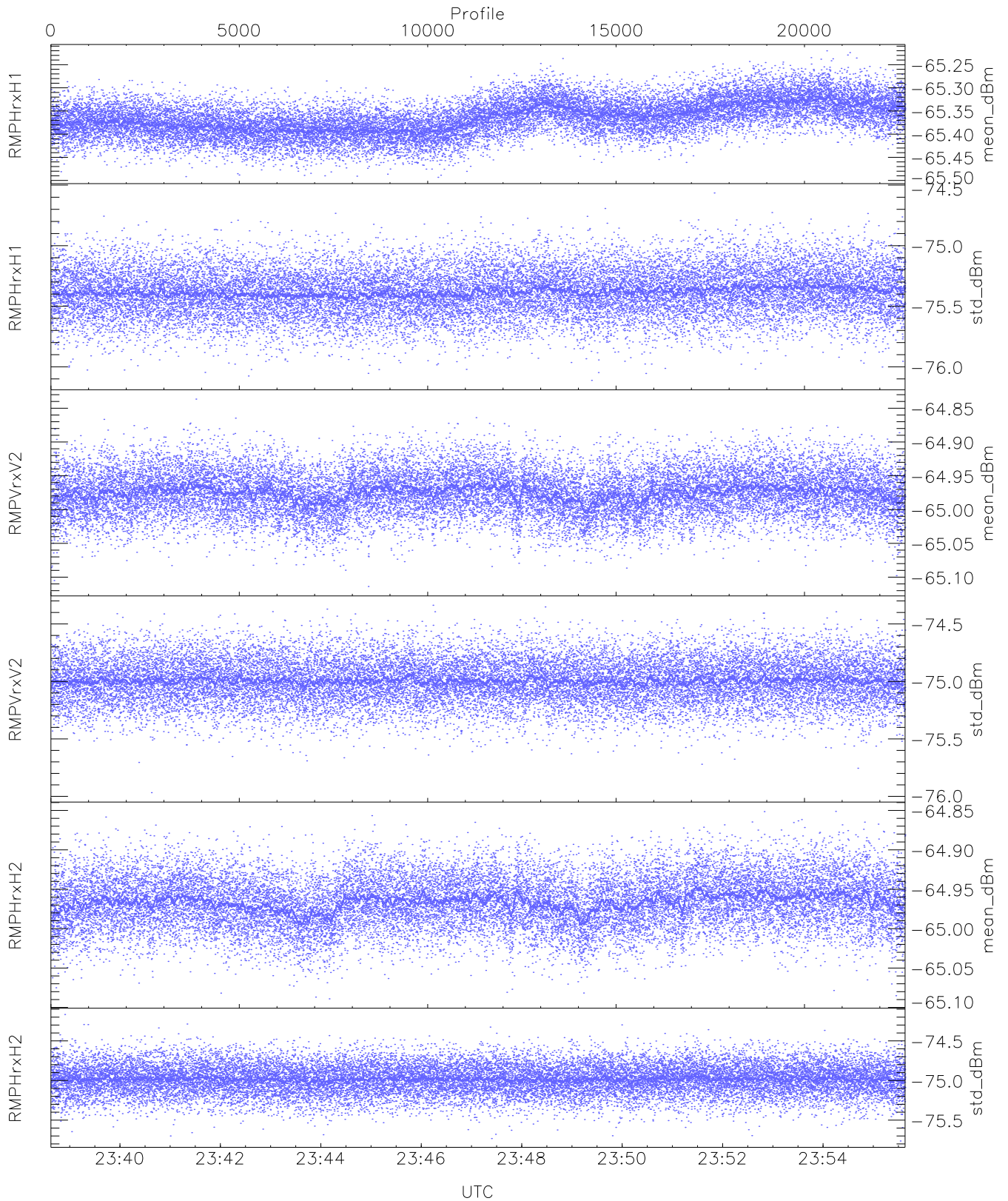
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,22,24,23,26`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,23,25,25,27`
`LOalarm(20,240,2817,14861 MHz): 0,0,46,0`
`EIK/Modulator Faults: None`



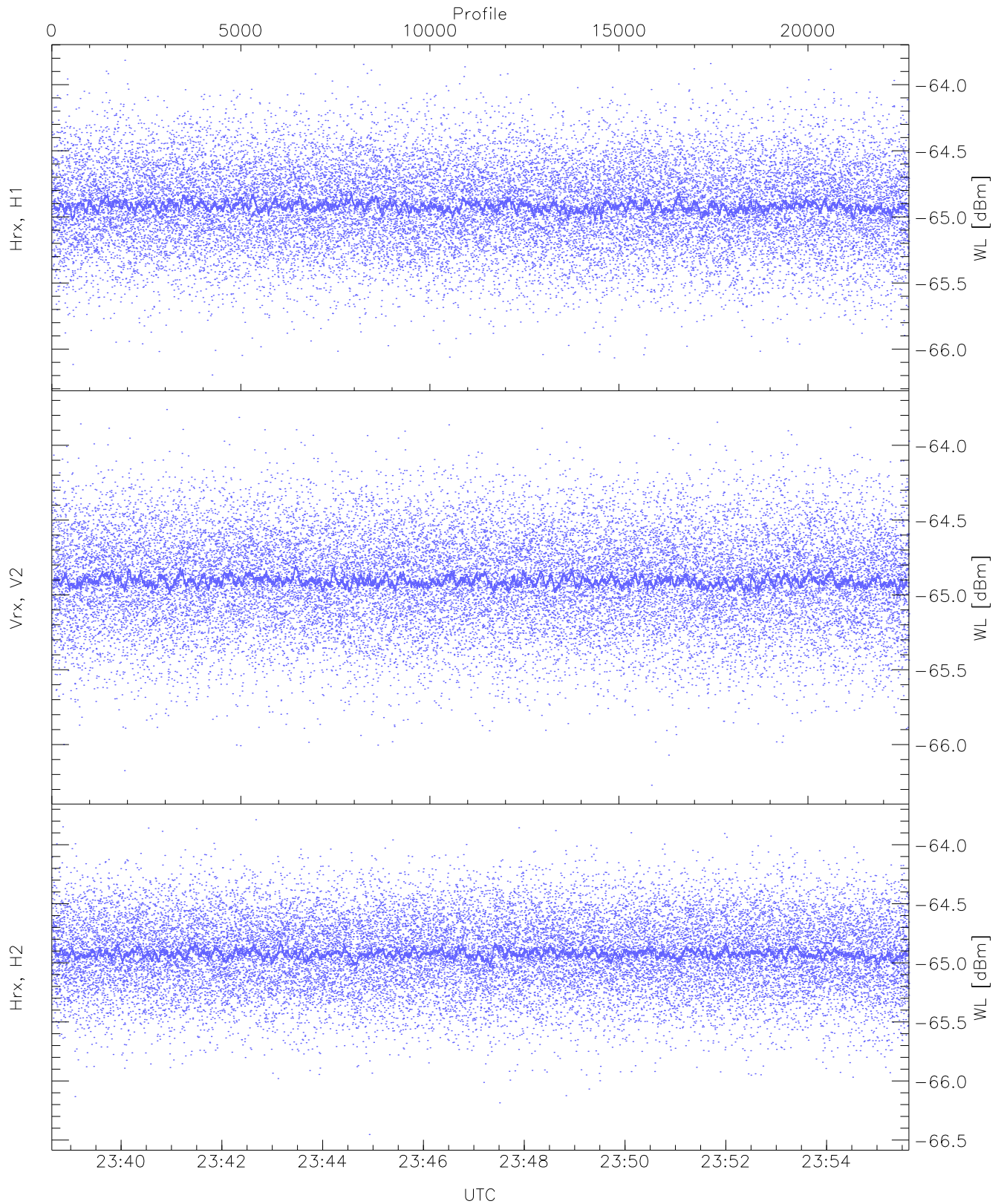
WCR3 CPP Receivers Gain and Noise Figure

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



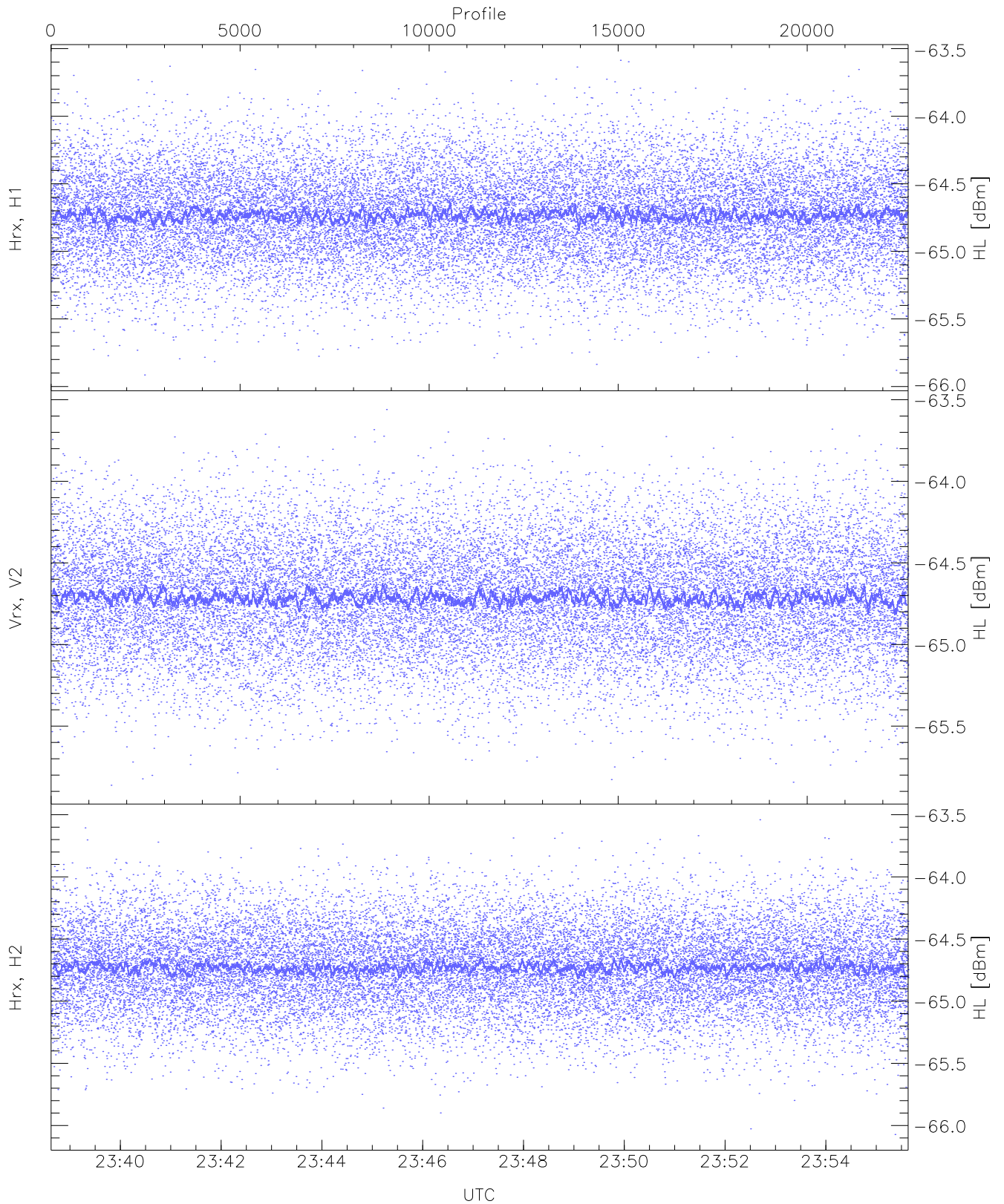
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.49	-65.22	-65.37	-65.37	-85.96
RMPHrxH1 (std_dBm)	-76.11	-74.57	-75.38	-75.38	-89.10
RMPVrxV2 (mean_dBm)	-65.11	-64.84	-64.98	-64.98	-86.35
RMPVrxV2 (std_dBm)	-75.97	-74.34	-74.99	-75.00	-88.79
RMPHrxH2 (mean_dBm)	-65.09	-64.85	-64.97	-64.97	-86.41
RMPHrxH2 (std_dBm)	-75.76	-74.17	-74.98	-74.98	-88.78



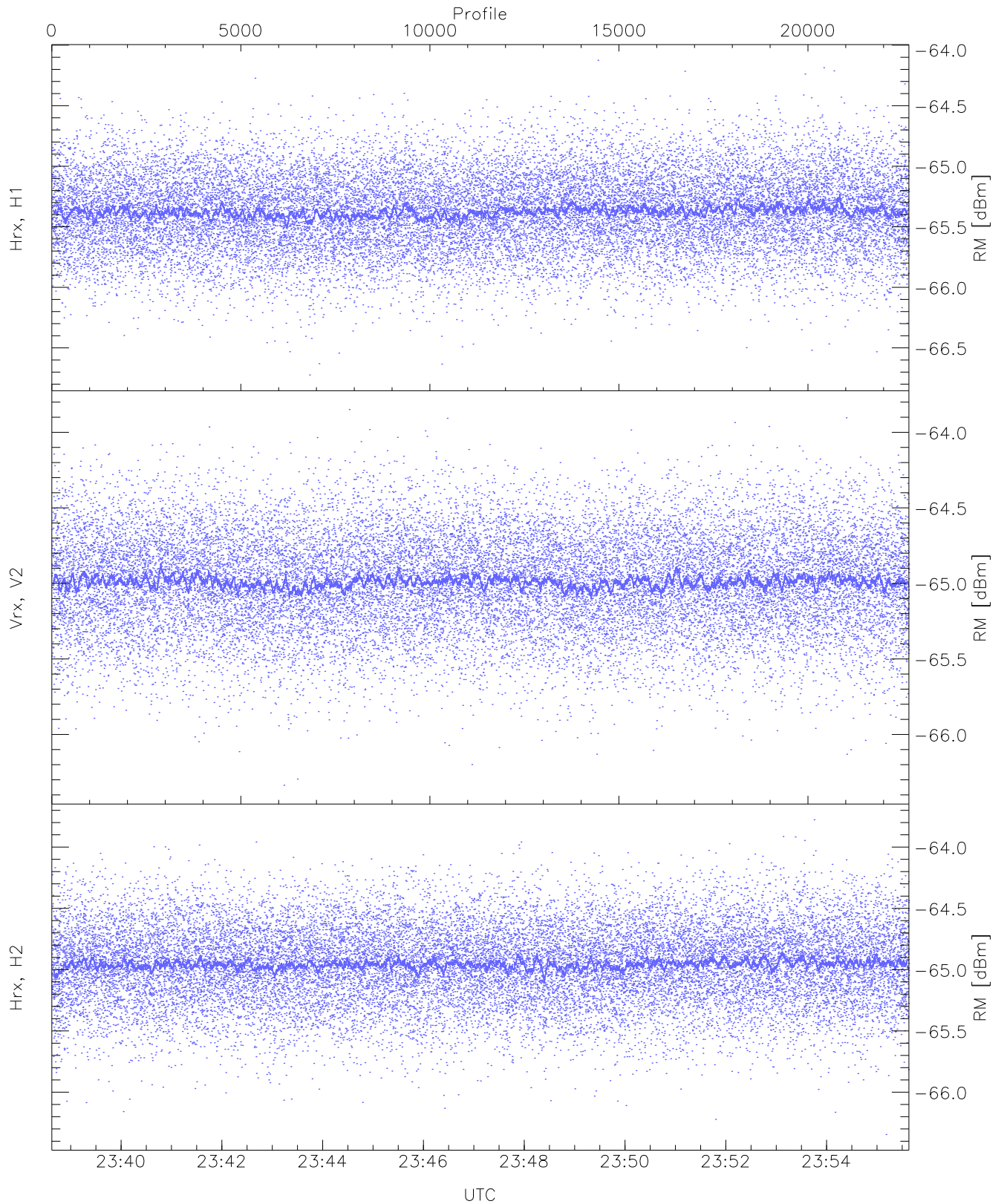
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.20	-63.82	-64.91	-64.92	-76.40
Vrx, V2 (WL [dBm])	-66.27	-63.76	-64.90	-64.90	-76.42
Hrx, H2 (WL [dBm])	-66.45	-63.79	-64.91	-64.92	-76.41



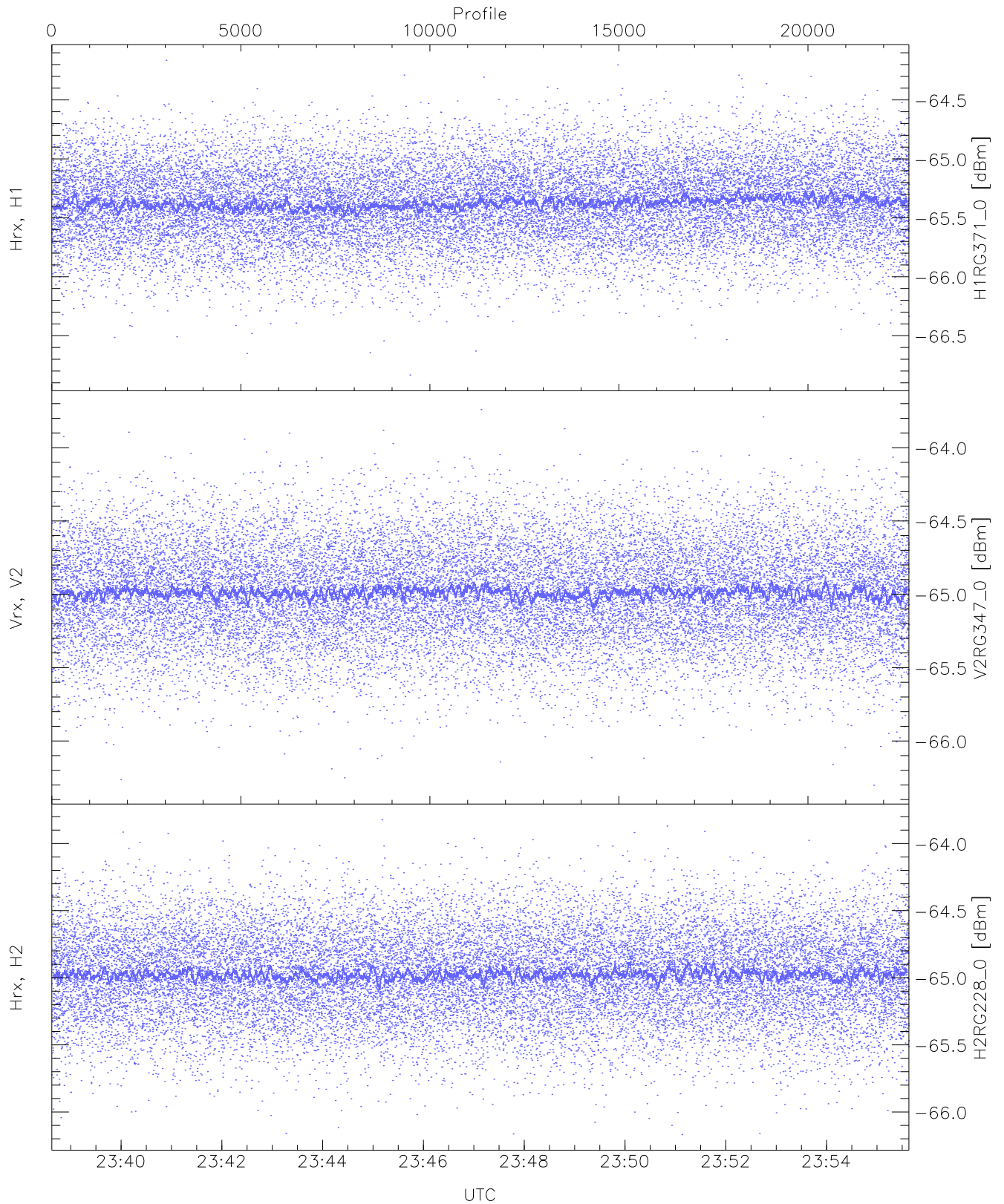
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.91	-63.59	-64.73	-64.73	-76.19
Vrx, V2 (HL [dBm])	-65.86	-63.56	-64.71	-64.71	-76.17
Hrx, H2 (HL [dBm])	-66.07	-63.54	-64.72	-64.73	-76.24



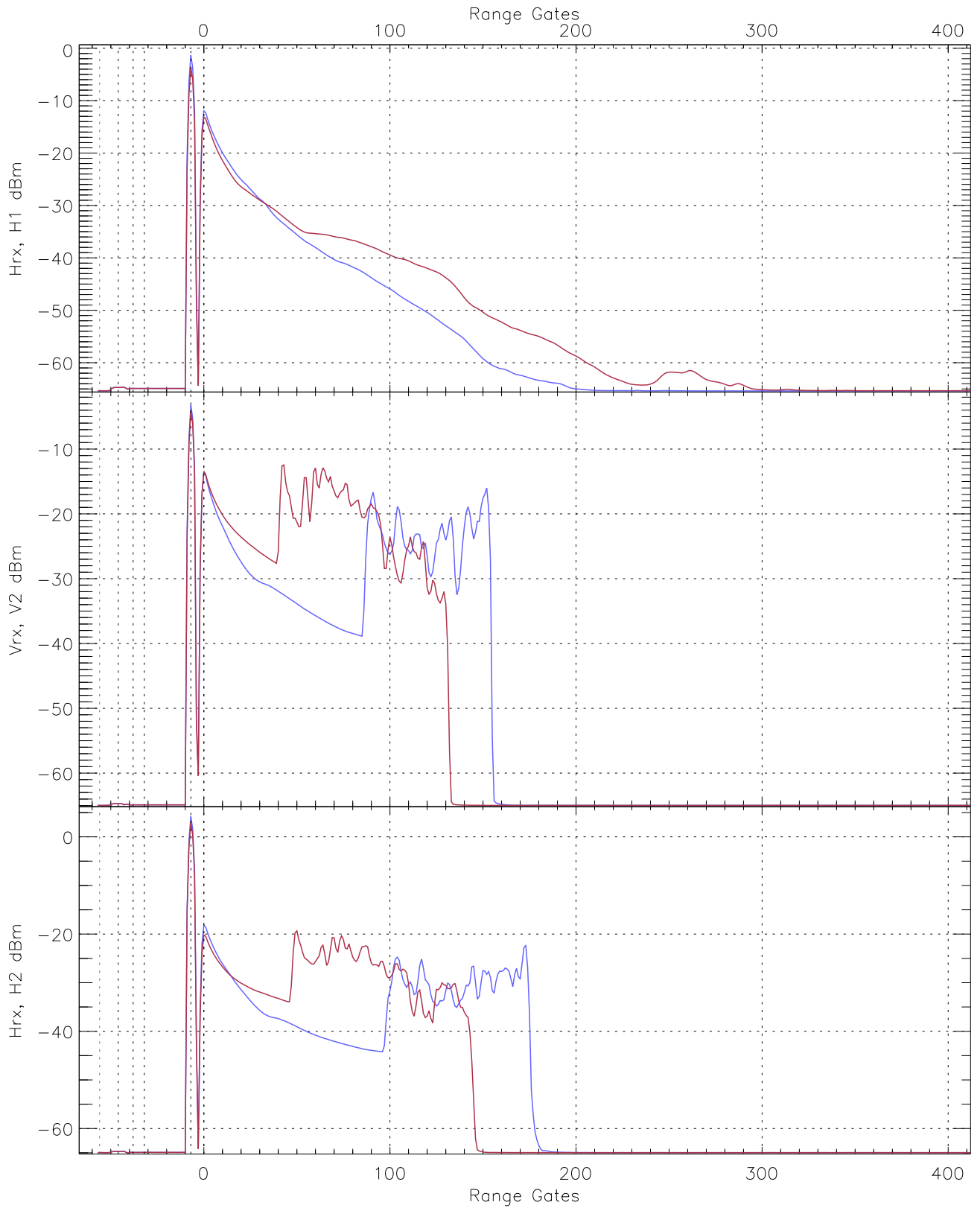
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.72	-64.13	-65.37	-65.37	-76.87
Vrx, V2 (RM [dBm])	-66.34	-63.85	-64.98	-64.99	-76.49
Hrx, H2 (RM [dBm])	-66.34	-63.78	-64.95	-64.95	-76.47

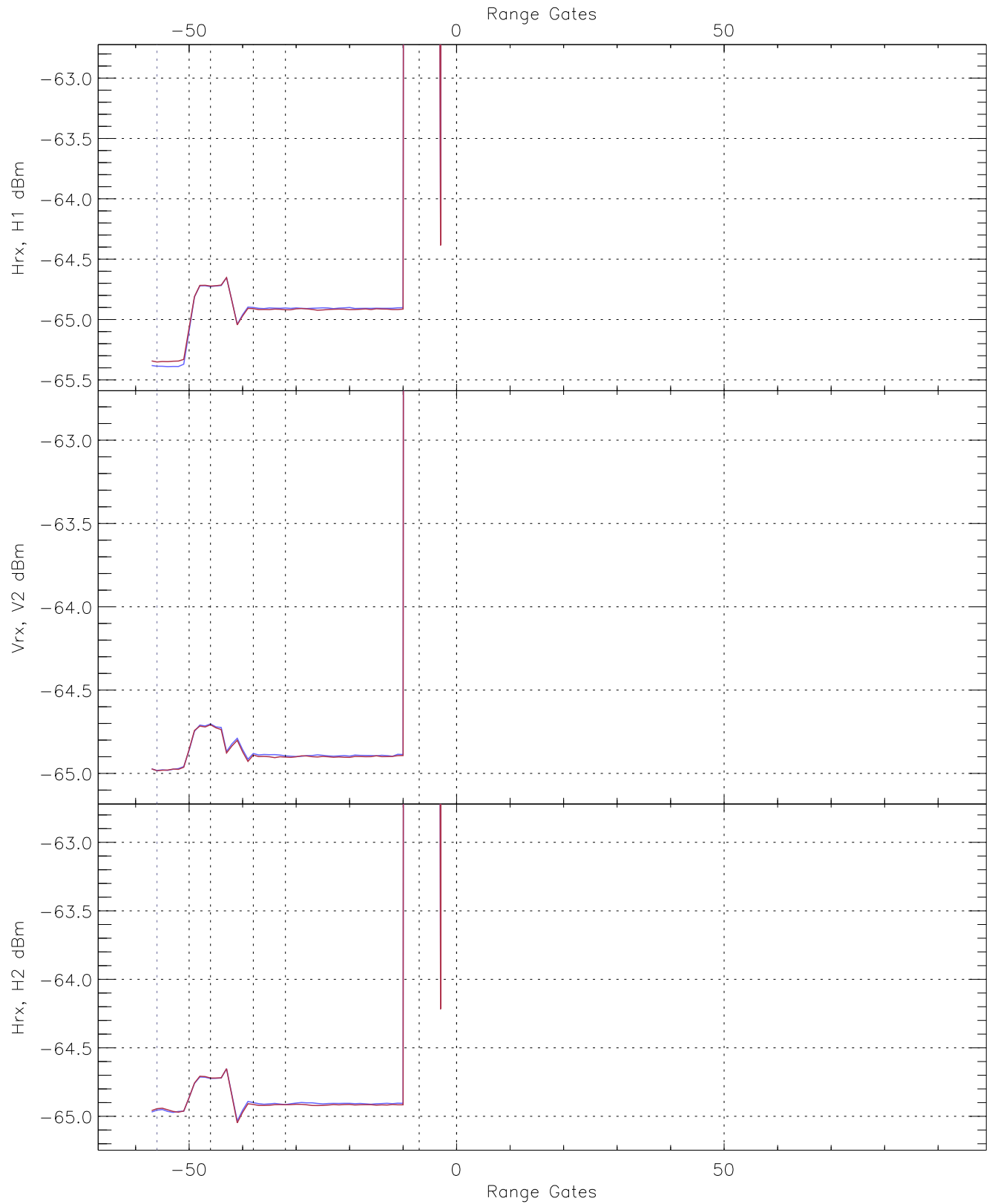


WCR3 CPP "Best" estimate Receivers Noise Power

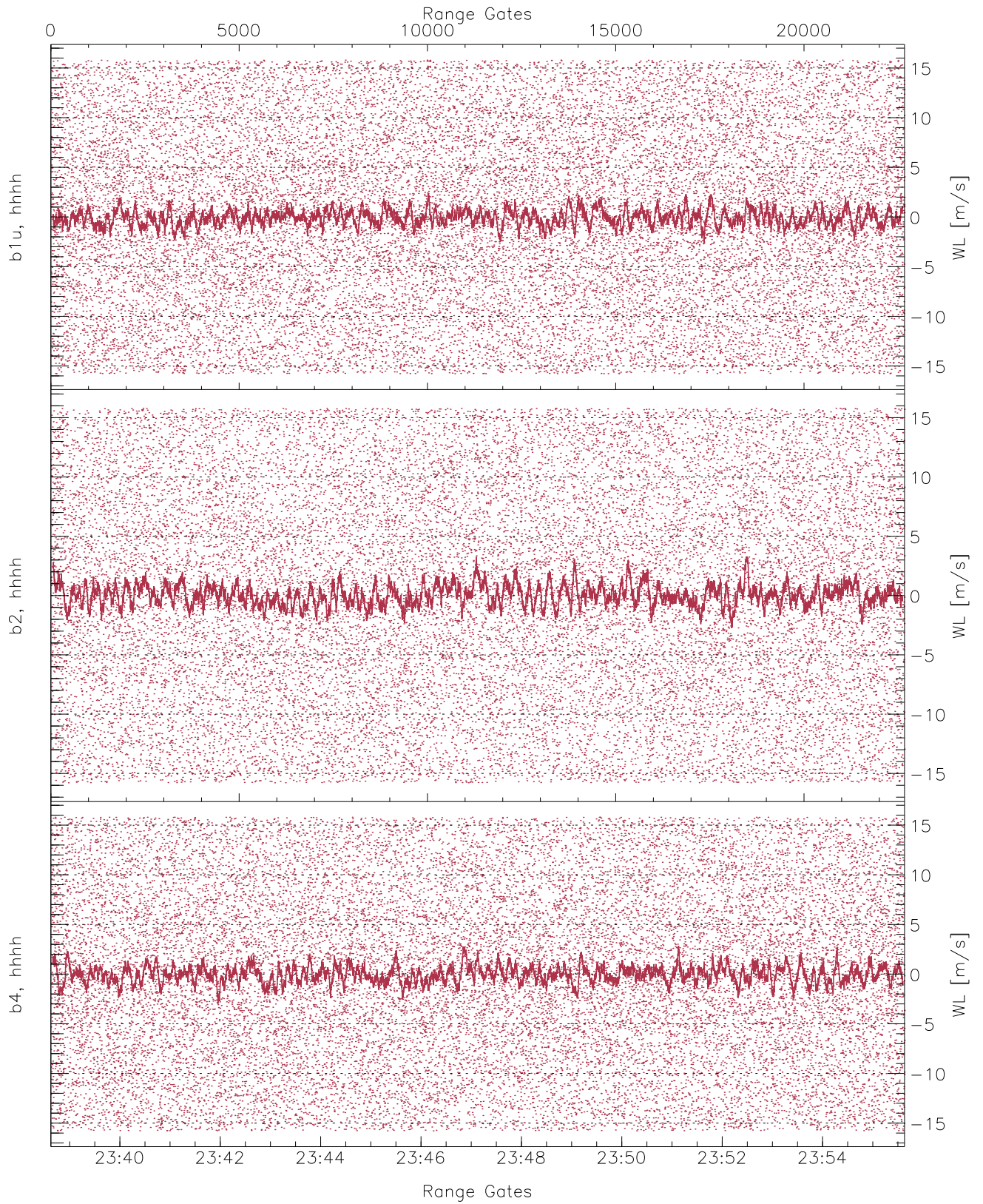
	Min	Max	Mean	Median	StDev
H1RG371_0 [dBm]	-66.83	-64.16	-65.37	-65.38	-76.86
V2RG347_0 [dBm]	-66.30	-63.74	-64.98	-64.99	-76.48
H2RG228_0 [dBm]	-66.17	-63.82	-64.97	-64.98	-76.47



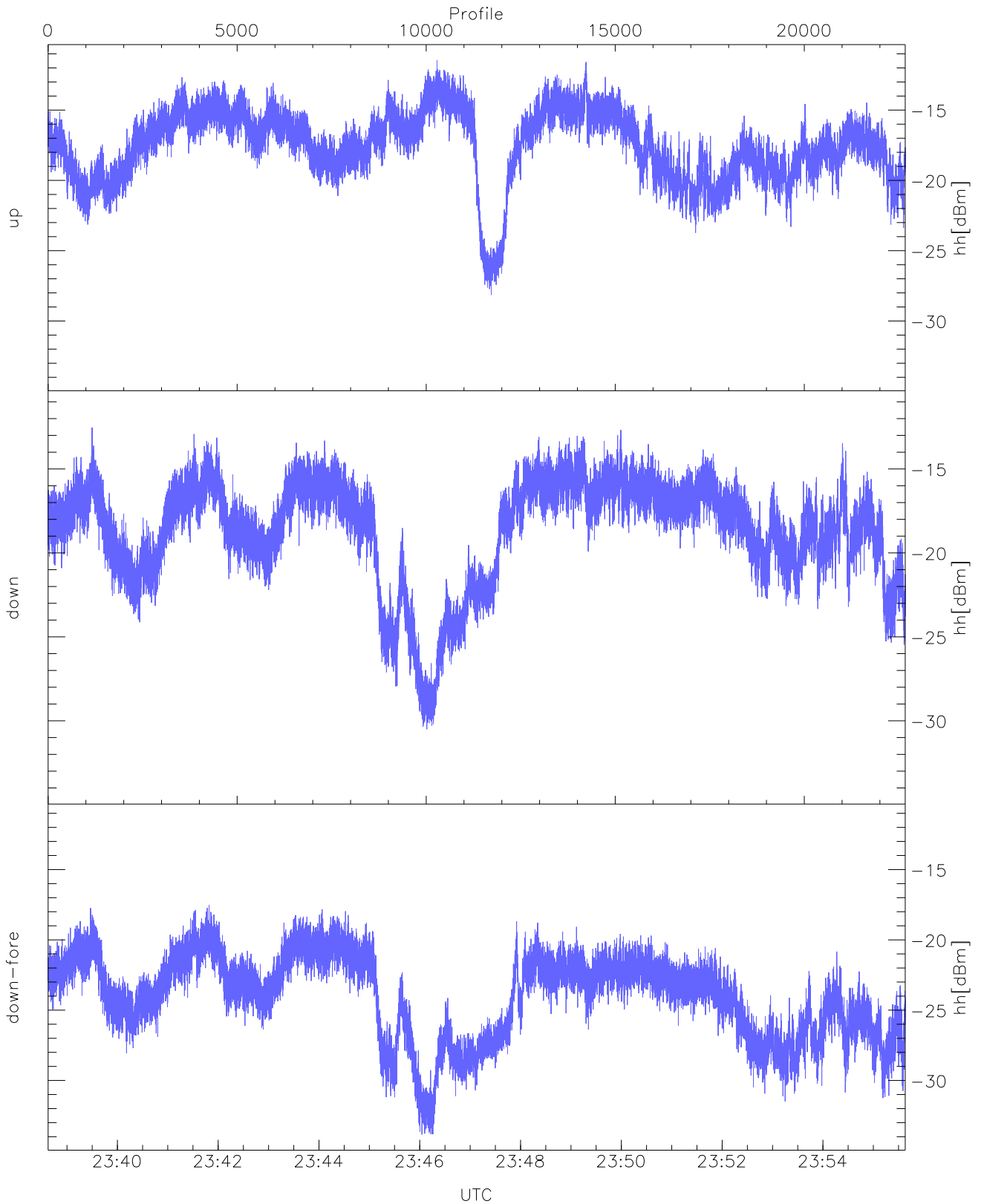
WCR3 CPP Averaged Received power for all recorded gates
blue: 233838-234708, 11337 profiles averaged
red: 234708-235538, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 233838-234708, 11337 profiles averaged
red: 234708-235538, 11336 profiles averaged

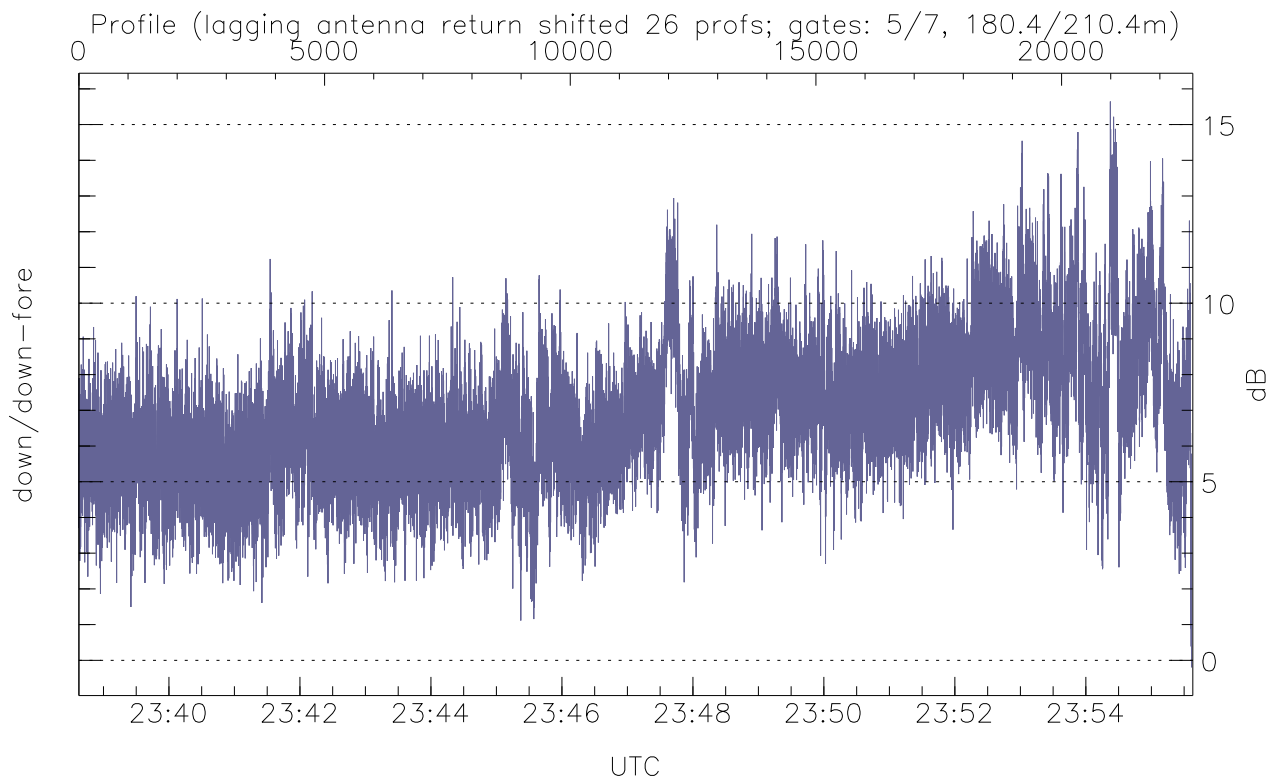
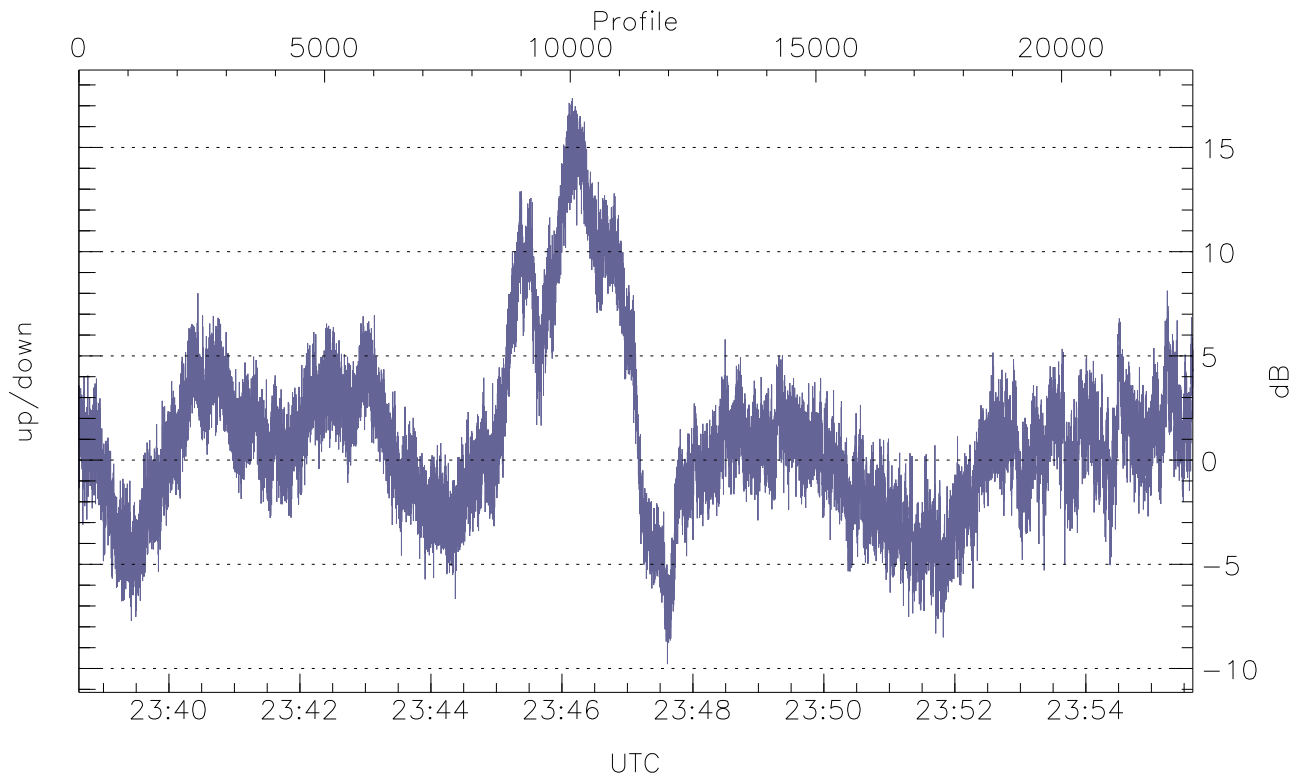


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



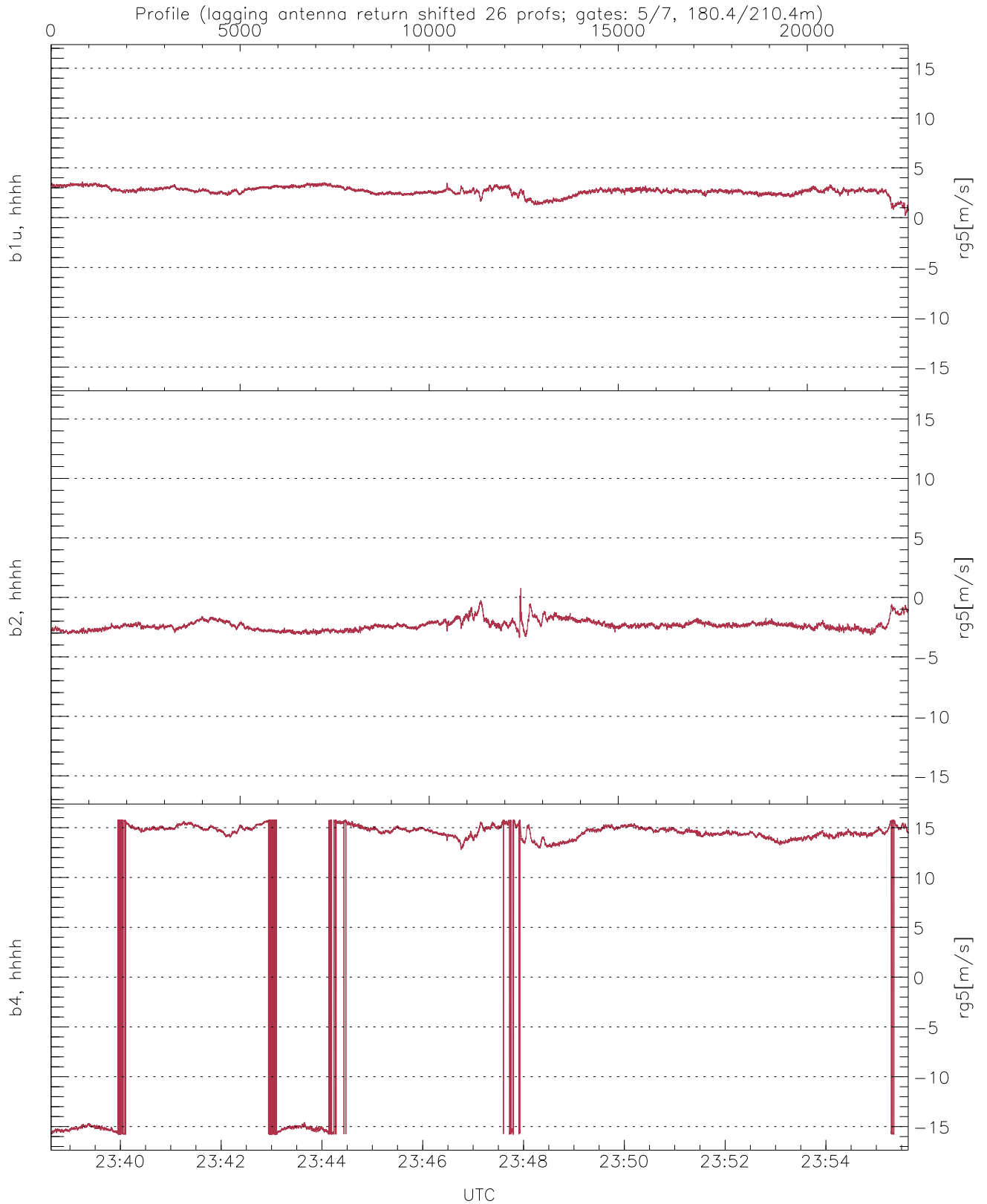
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-28.15	-11.46	-16.90
down(hh[dBm])	-30.51	-12.53	-17.82
down-fore(hh[dBm])	-33.84	-17.52	-23.18



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

	Min	Max	Mean
up/down (dB)	-9.79	17.36	1.14
down/down-fore (dB)	-0.19	15.65	6.91



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	0.18	3.62	2.66	0.44
b2, hhhh(rg5[m/s])	-3.40	0.77	-2.34	0.43
b4, hhhh(rg5[m/s])	-15.79	15.79	9.78	11.02