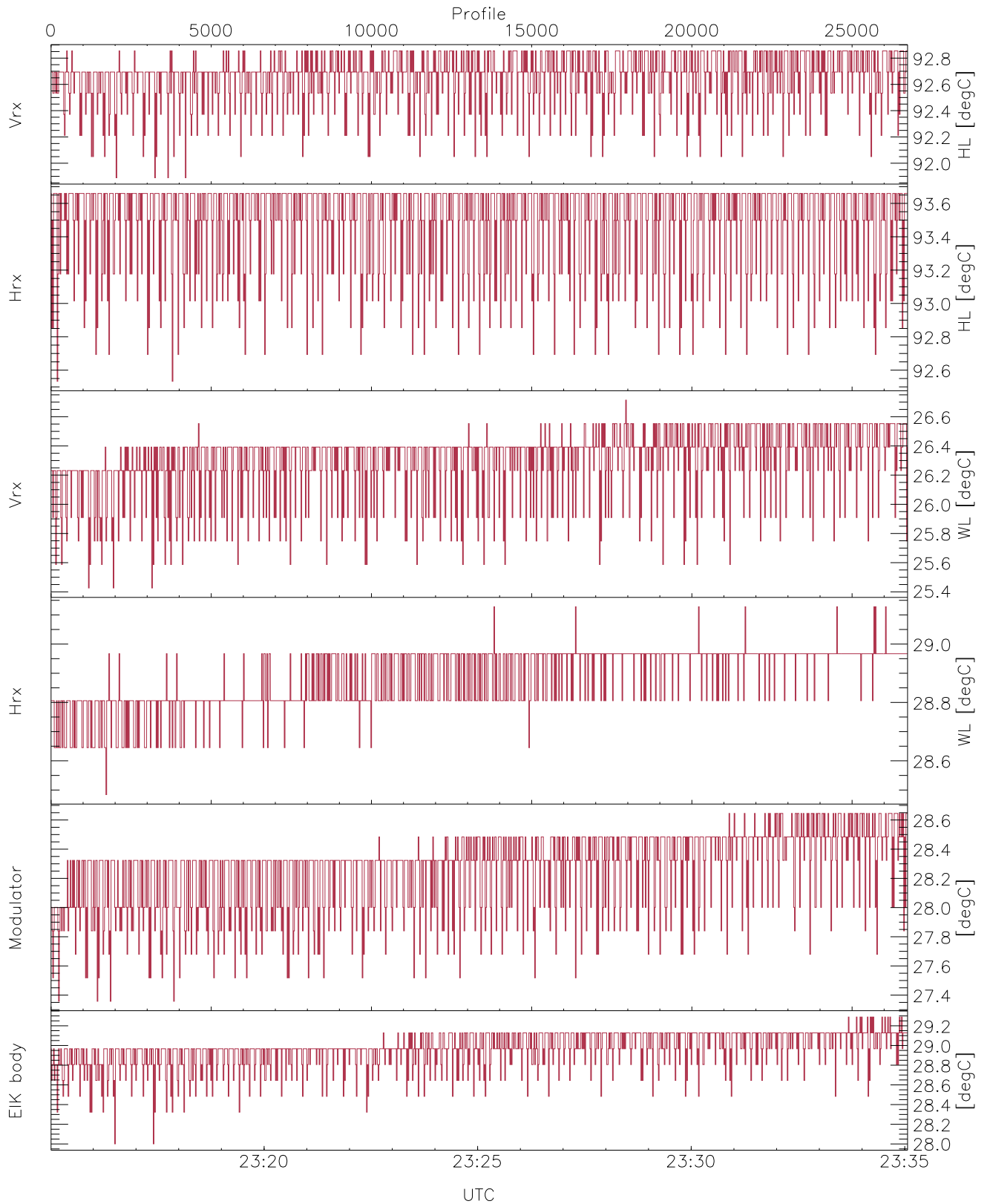


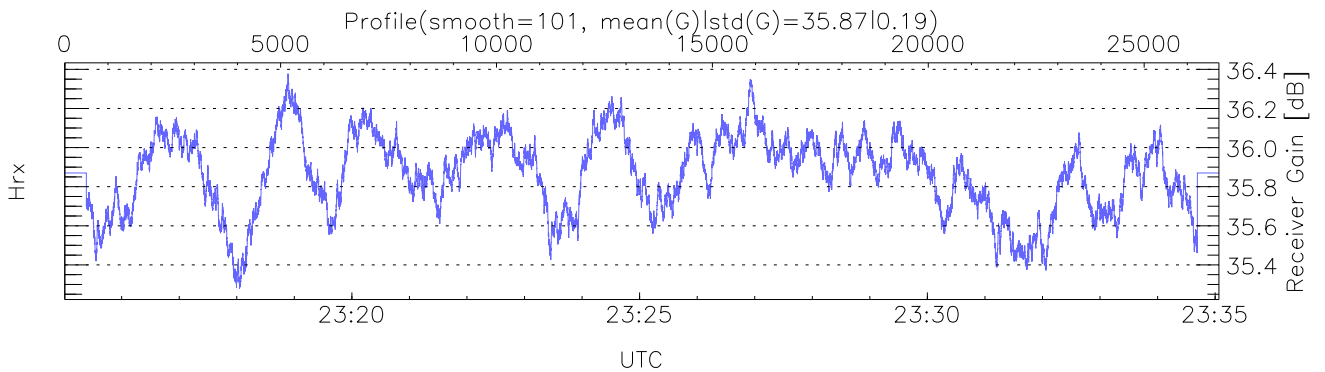
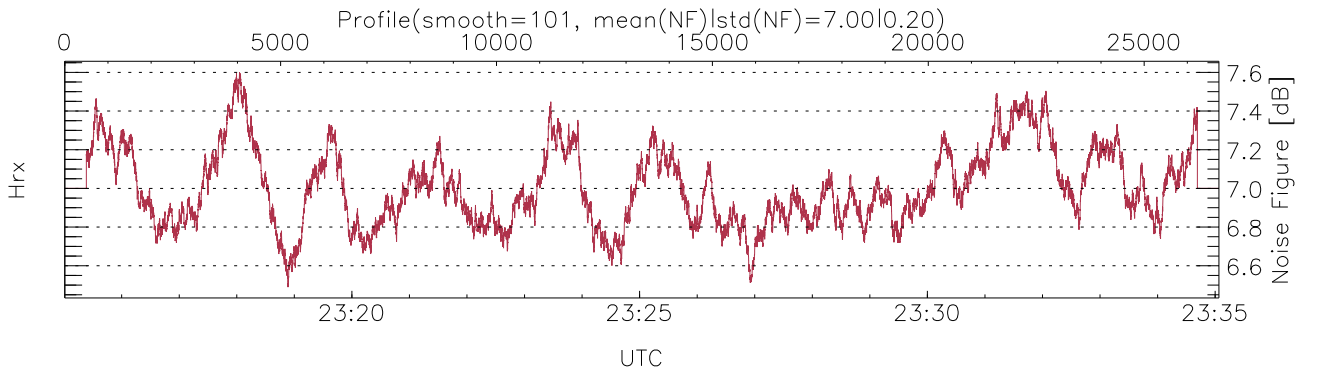
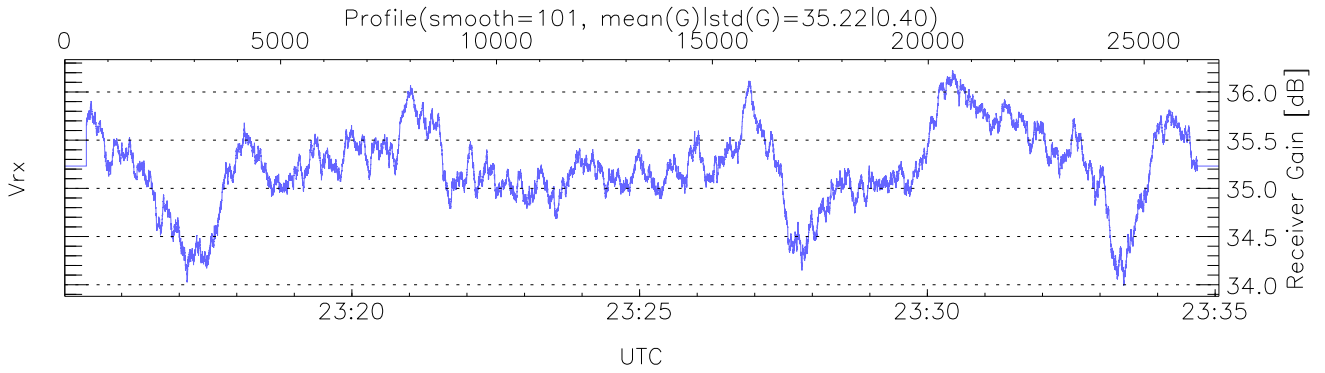
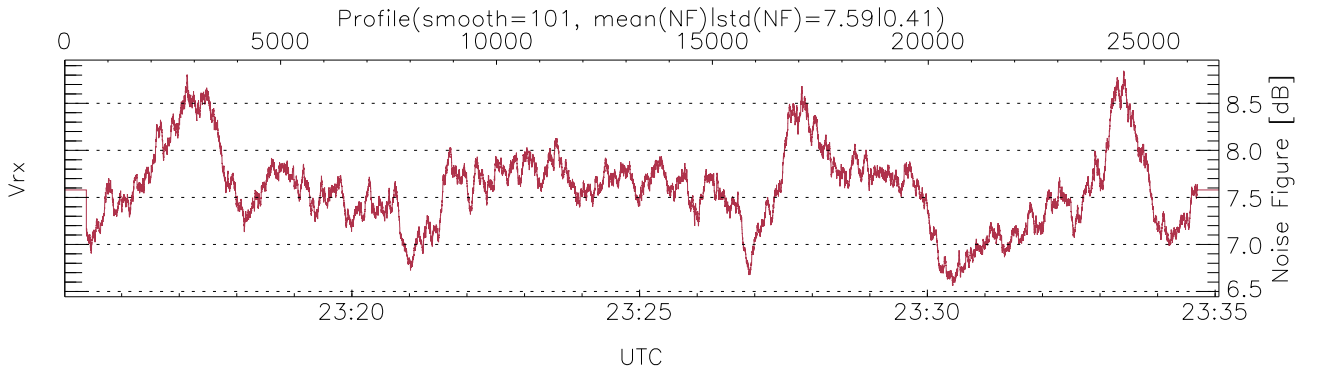
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 23:15:01-23:35:04, TimeCor: 0.00s, Dur: 1203.29s
 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): 26734/26734, 0-26733/23:15:01-23:35:04
 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



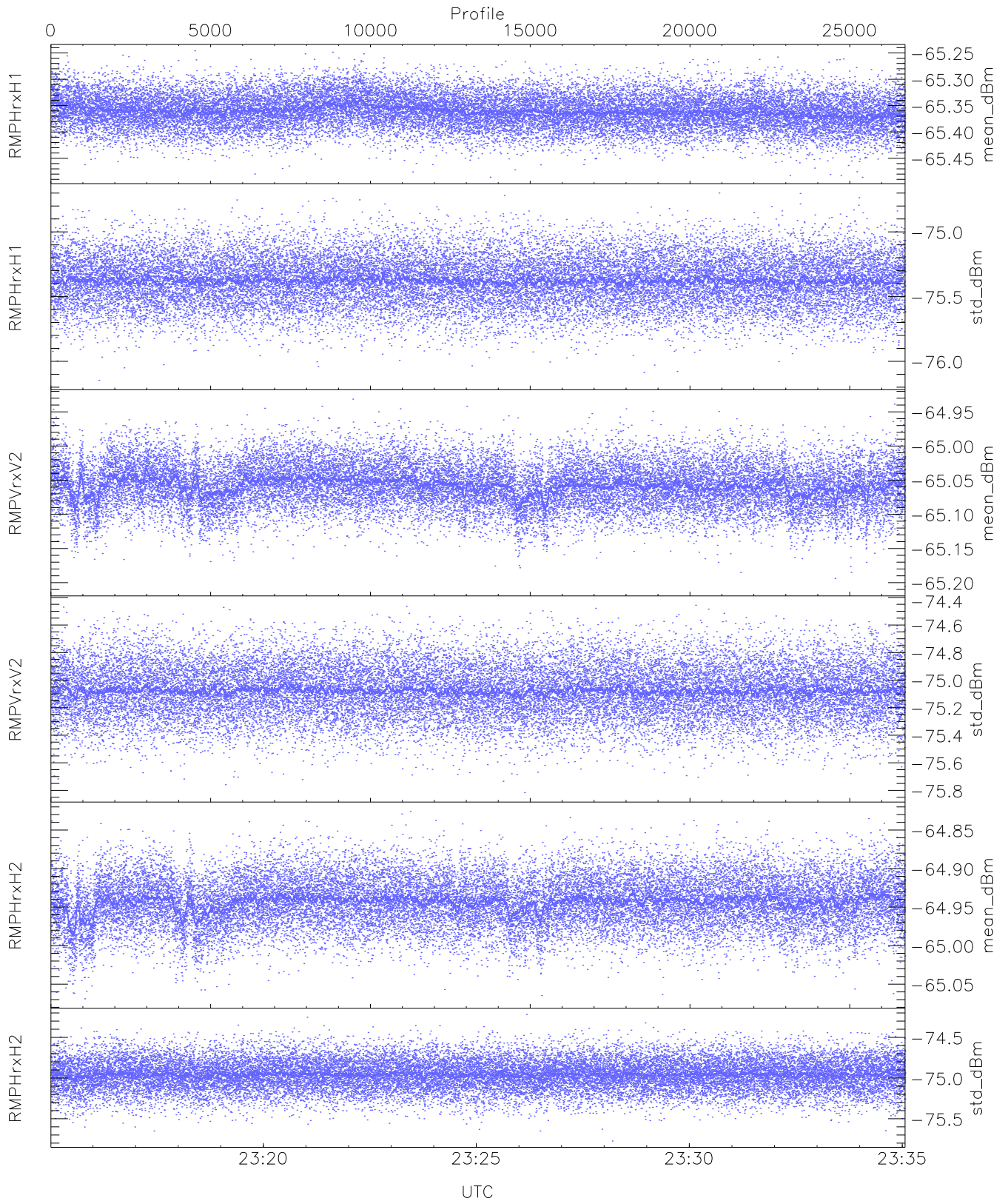
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,25,28,27,28`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,26,29,28,29`
`LOalarm(20,240,2817,14861 MHz): 0,0,24,0`
`EIK/Modulator Faults: None`



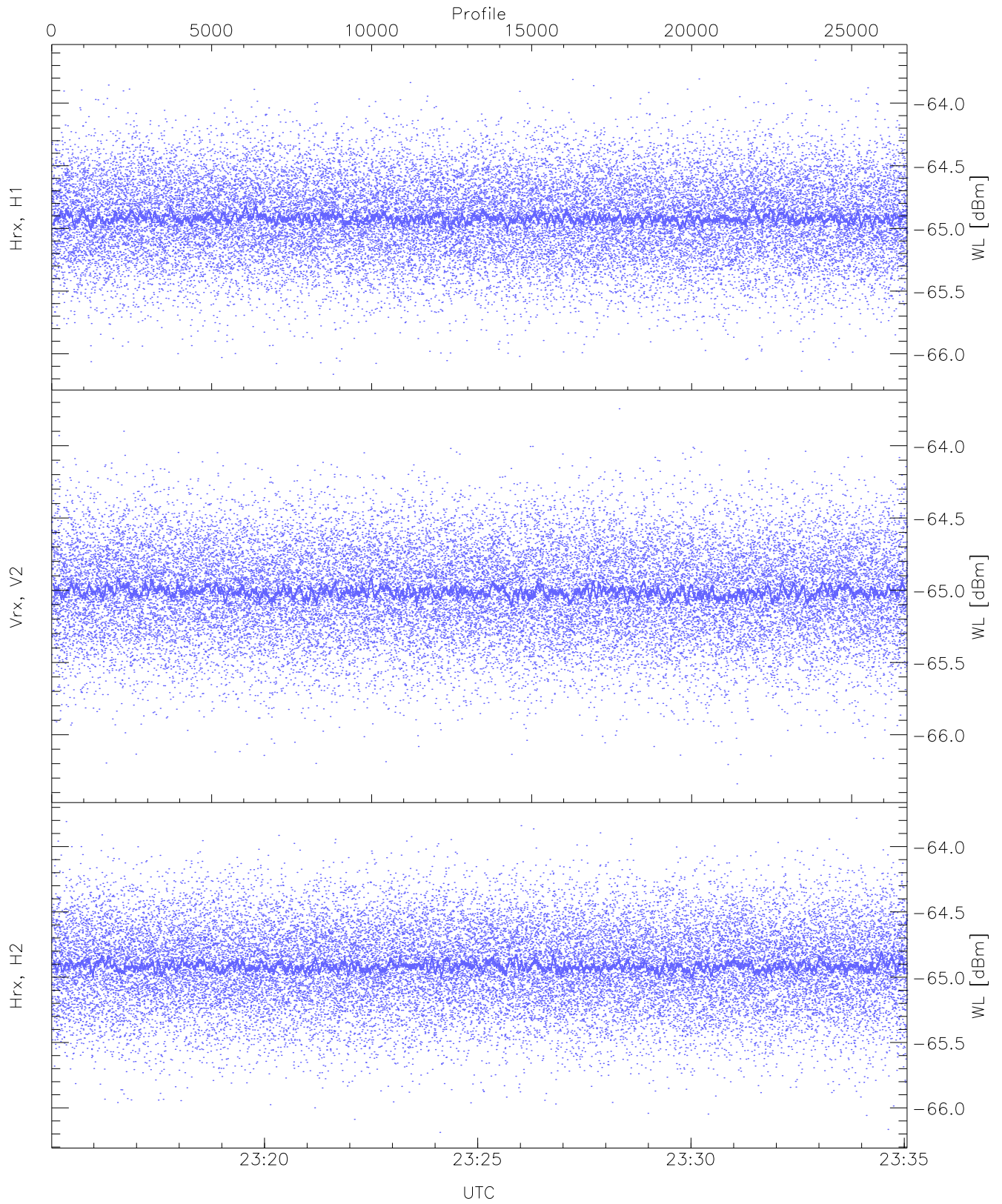
WCR3 CPP Receivers Gain and Noise Figure

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



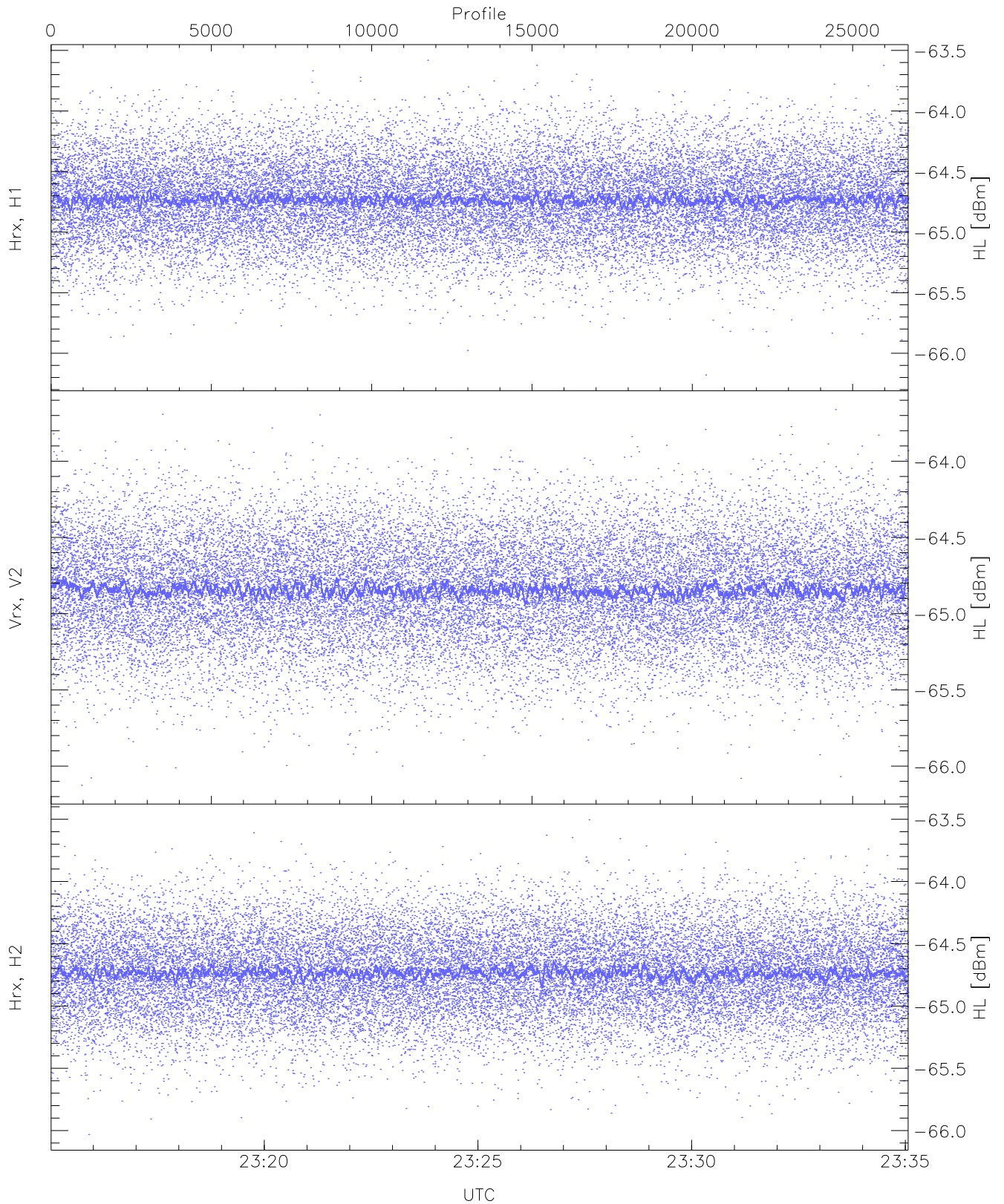
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.49	-65.25	-65.36	-65.36	-86.89
RMPHrxH1 (std_dBm)	-76.15	-74.70	-75.38	-75.38	-89.19
RMPVrxV2 (mean_dBm)	-65.21	-64.93	-65.06	-65.06	-86.46
RMPVrxV2 (std_dBm)	-75.82	-74.46	-75.08	-75.08	-88.85
RMPHrxH2 (mean_dBm)	-65.07	-64.83	-64.94	-64.94	-86.41
RMPHrxH2 (std_dBm)	-75.77	-74.22	-74.96	-74.96	-88.77



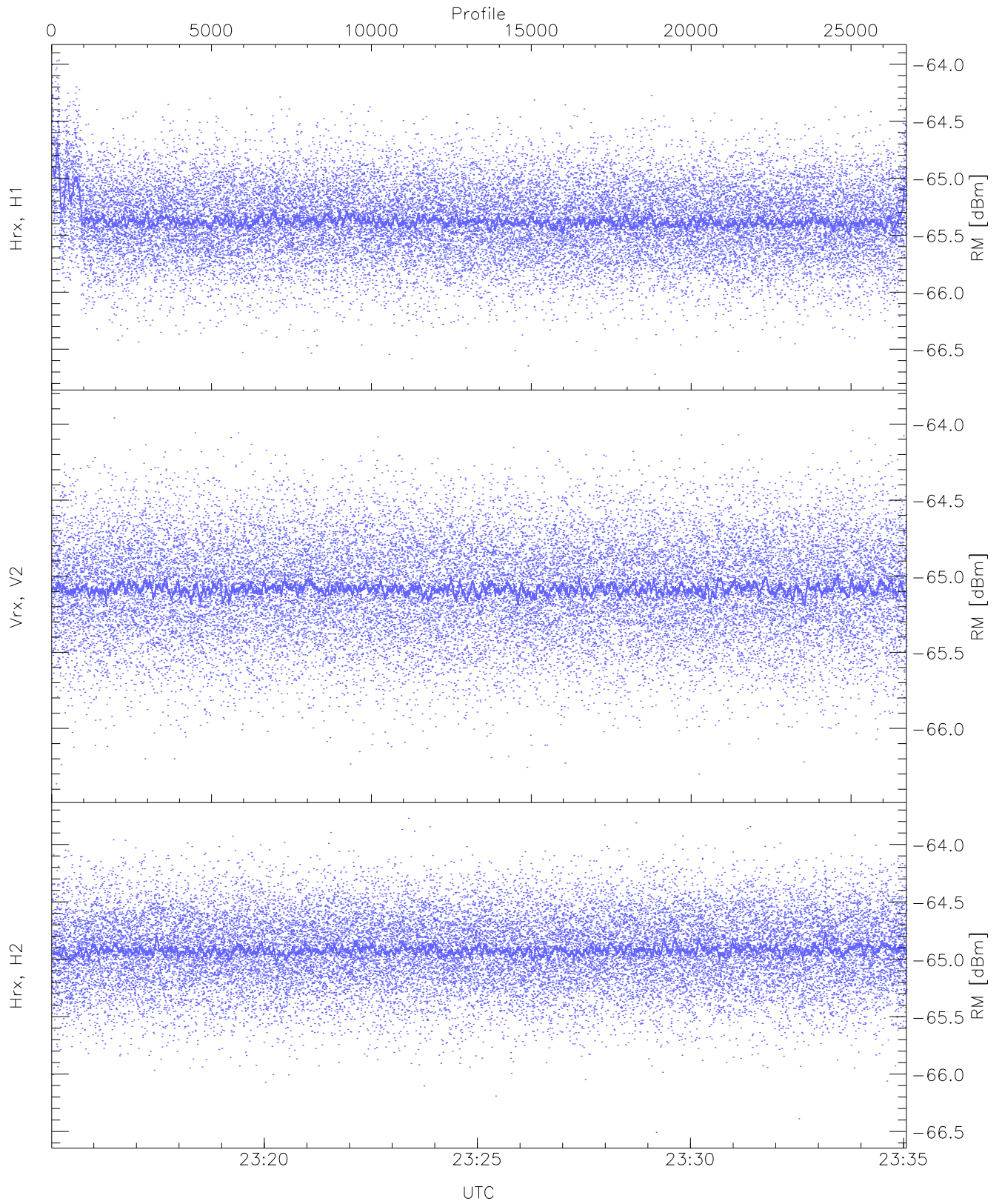
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.16	-63.66	-64.91	-64.92	-76.35
Vrx, V2 (WL [dBm])	-66.34	-63.74	-65.00	-65.01	-76.52
Hrx, H2 (WL [dBm])	-66.19	-63.78	-64.91	-64.91	-76.42



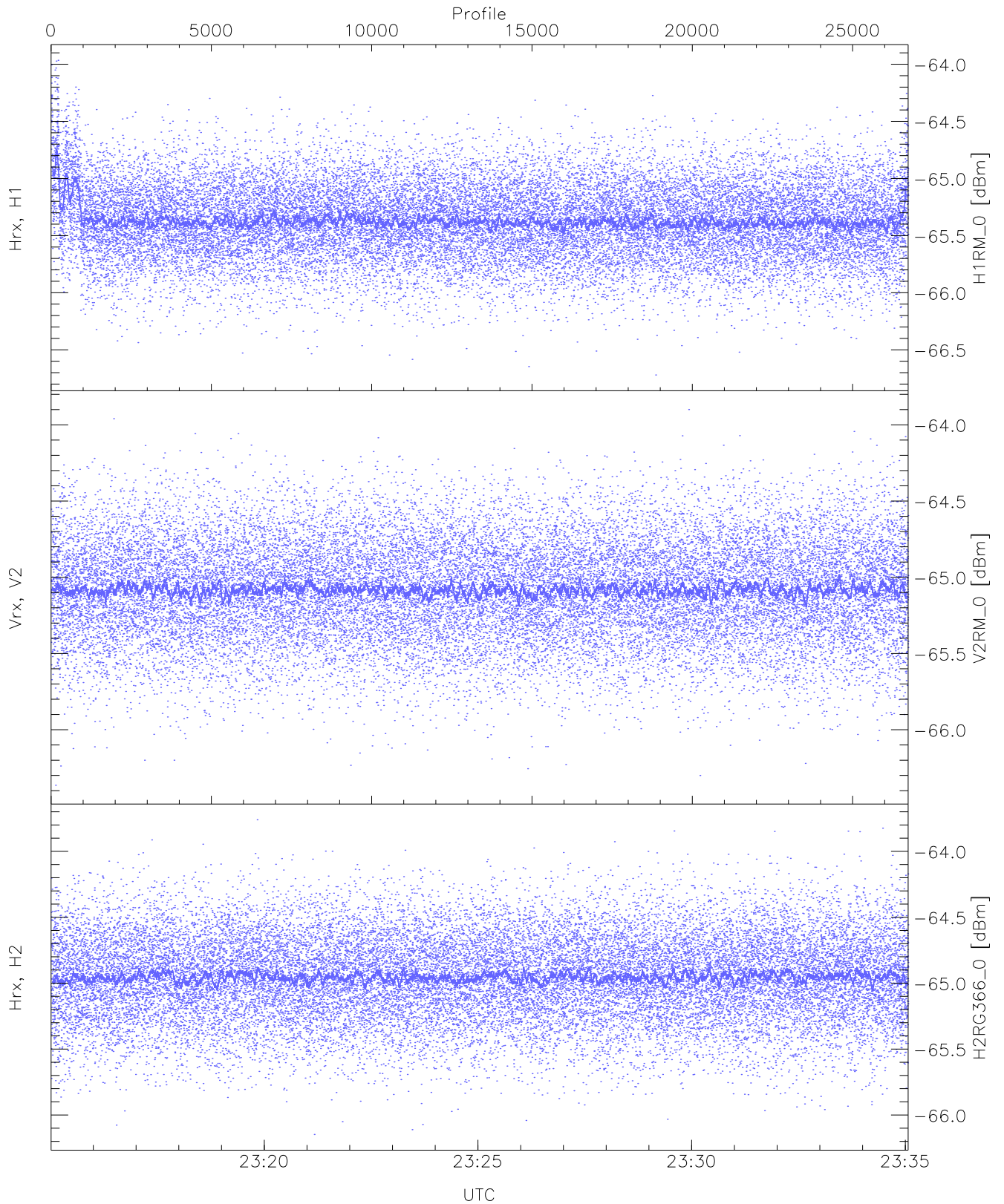
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.18	-63.58	-64.73	-64.73	-76.23
Vrx, V2 (HL [dBm])	-66.13	-63.66	-64.84	-64.85	-76.34
Hrx, H2 (HL [dBm])	-66.03	-63.50	-64.73	-64.74	-76.25



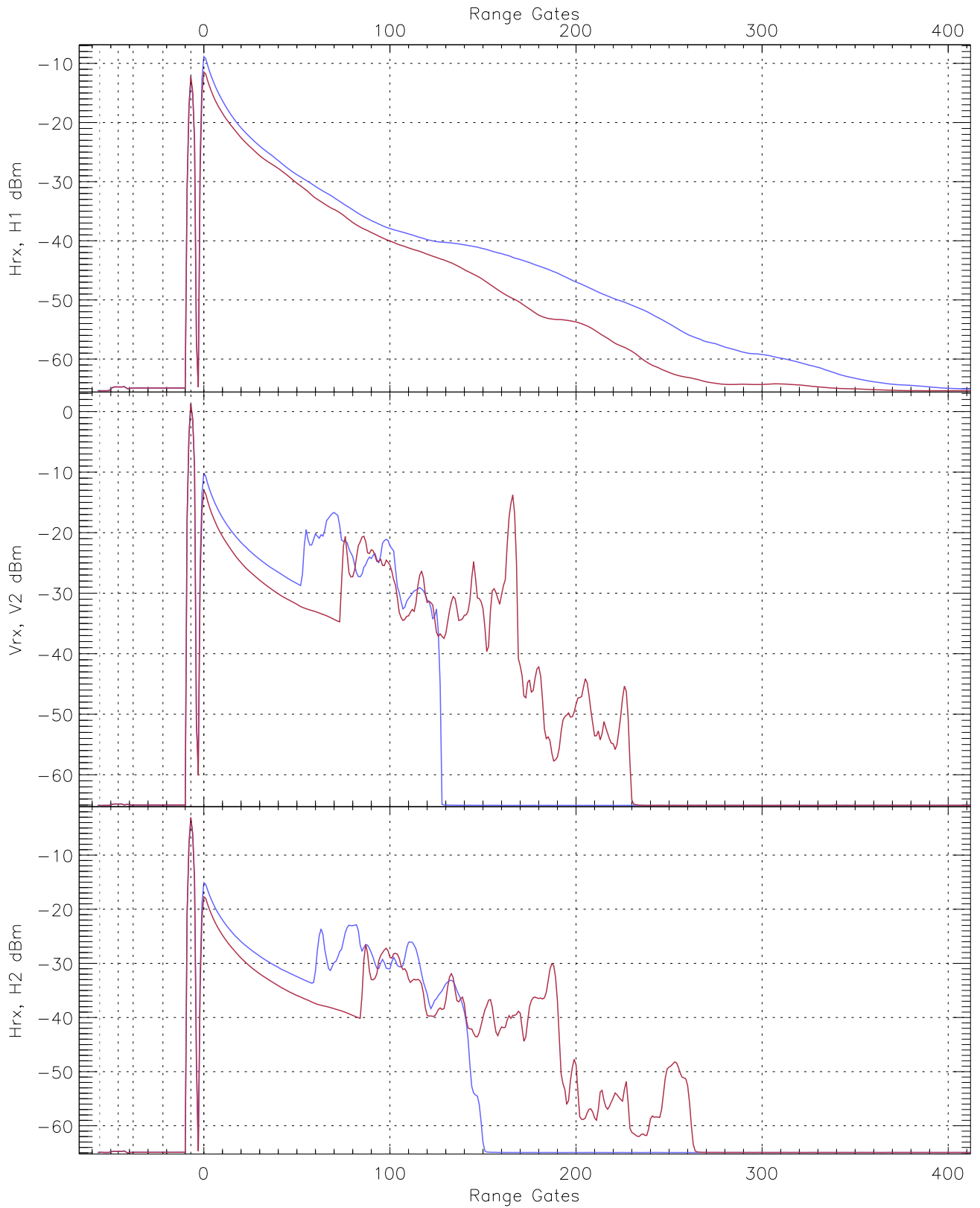
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.72	-63.97	-65.36	-65.37	-76.70
Vrx, V2 (RM [dBm])	-66.36	-63.90	-65.08	-65.08	-76.57
Hrx, H2 (RM [dBm])	-66.51	-63.77	-64.91	-64.92	-76.40

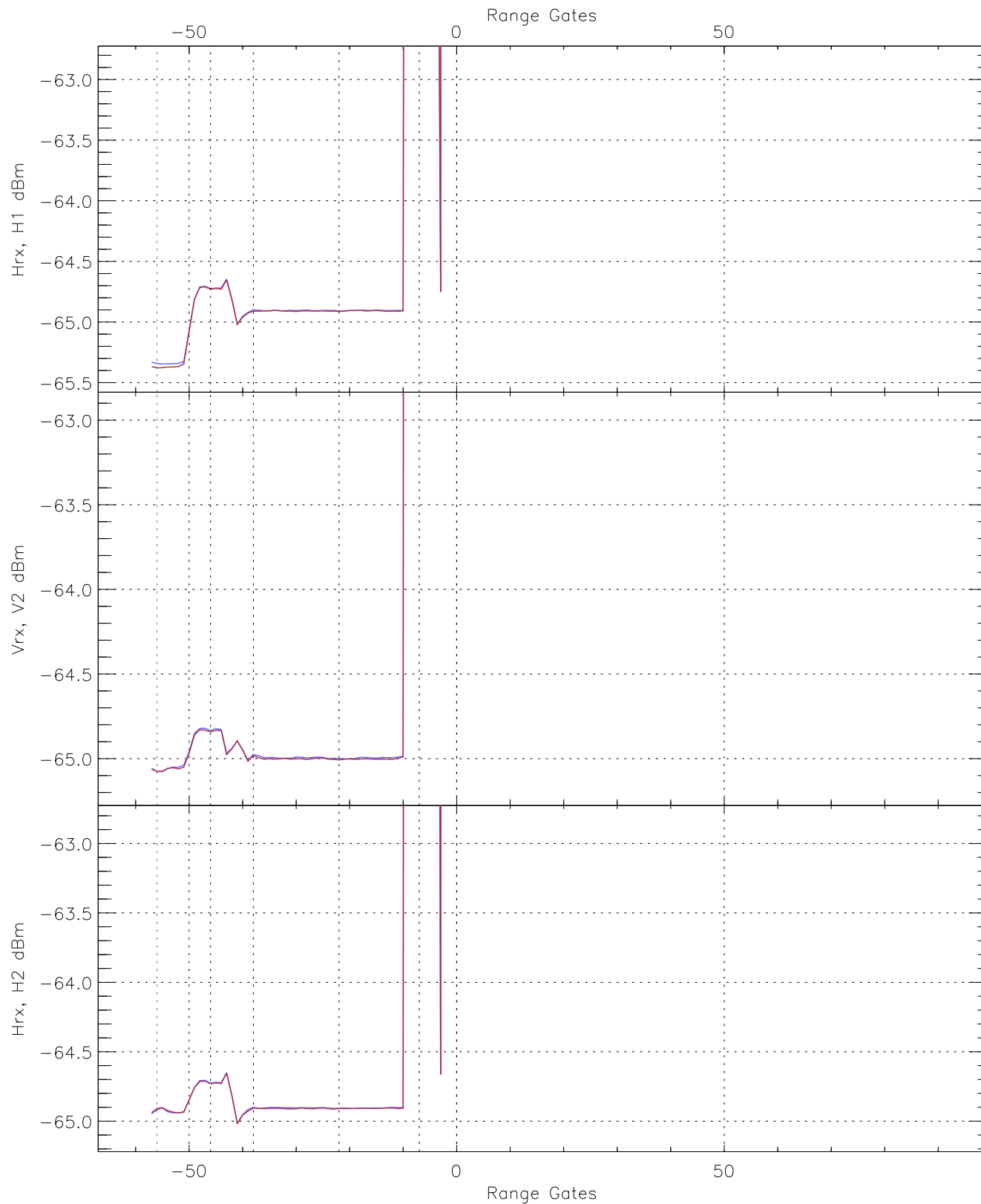


WCR3 CPP "Best" estimate Receivers Noise Power

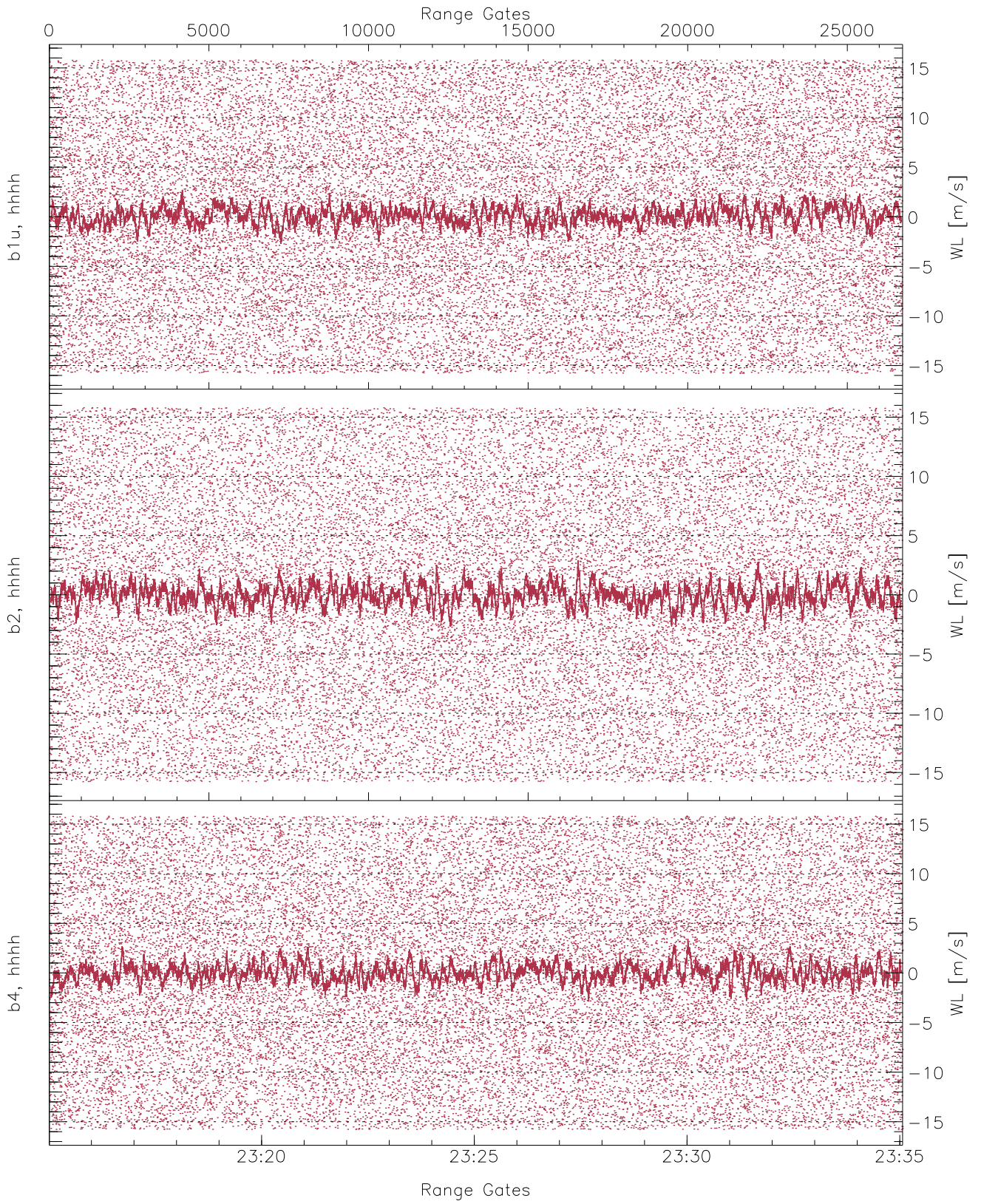
	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-66.72	-63.97	-65.36	-65.37	-76.70
V2RM_0 [dBm]	-66.36	-63.90	-65.08	-65.08	-76.57
H2RG366_0 [dBm]	-66.15	-63.76	-64.95	-64.96	-76.48



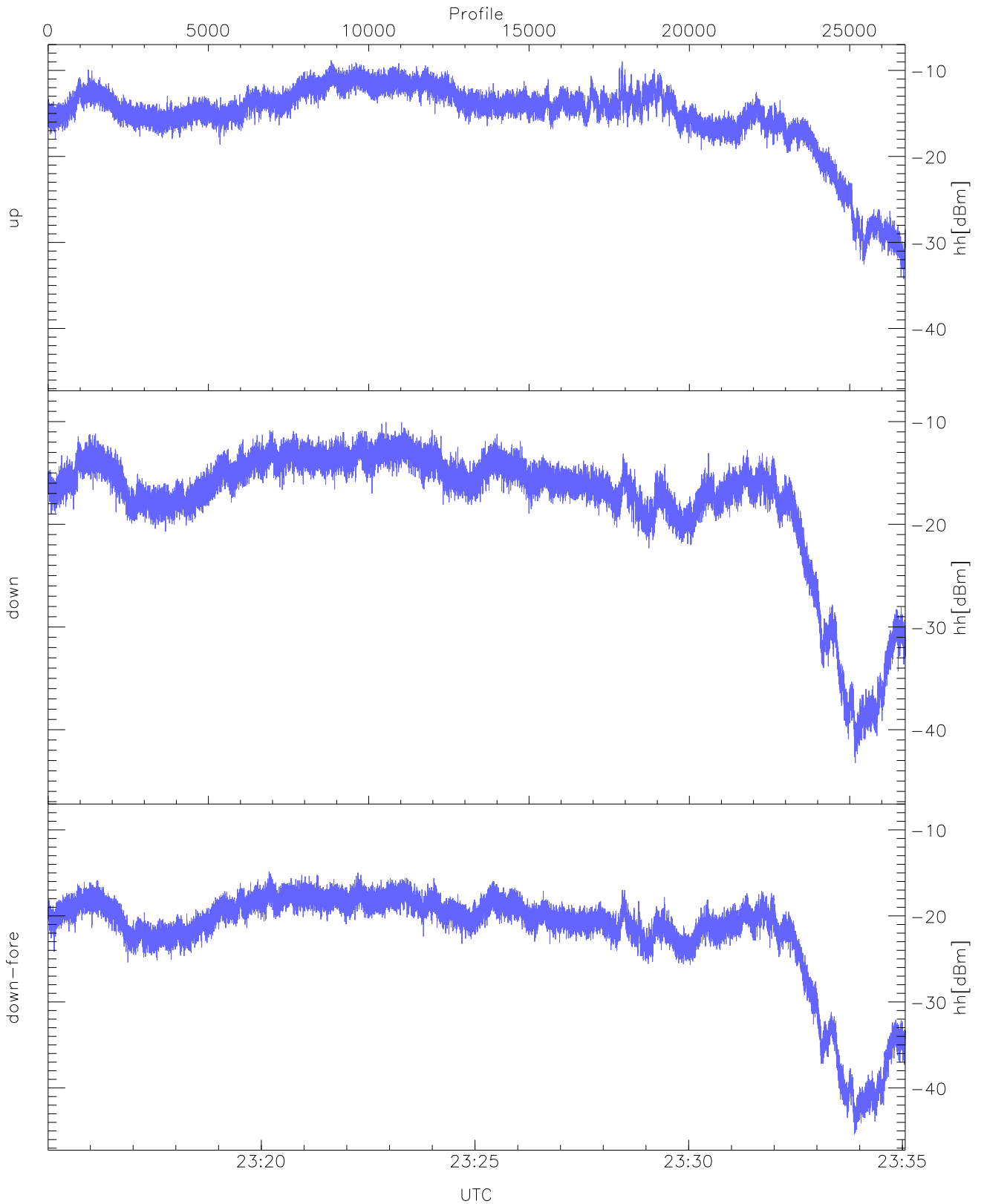
WCR3 CPP Averaged Received power for all recorded gates
blue: 231501-232502, 13368 profiles averaged
red: 232502-233504, 13367 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 231501-232502, 13368 profiles averaged
red: 232502-233504, 13367 profiles averaged

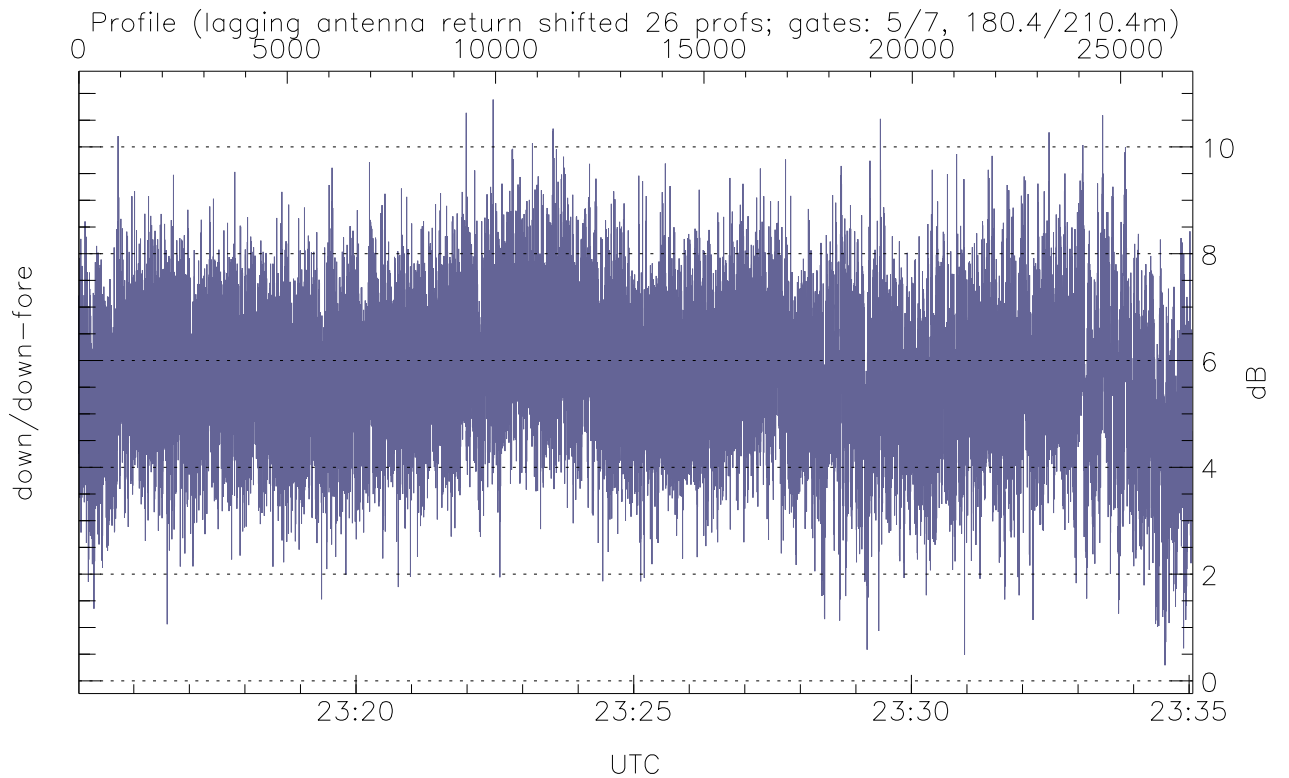
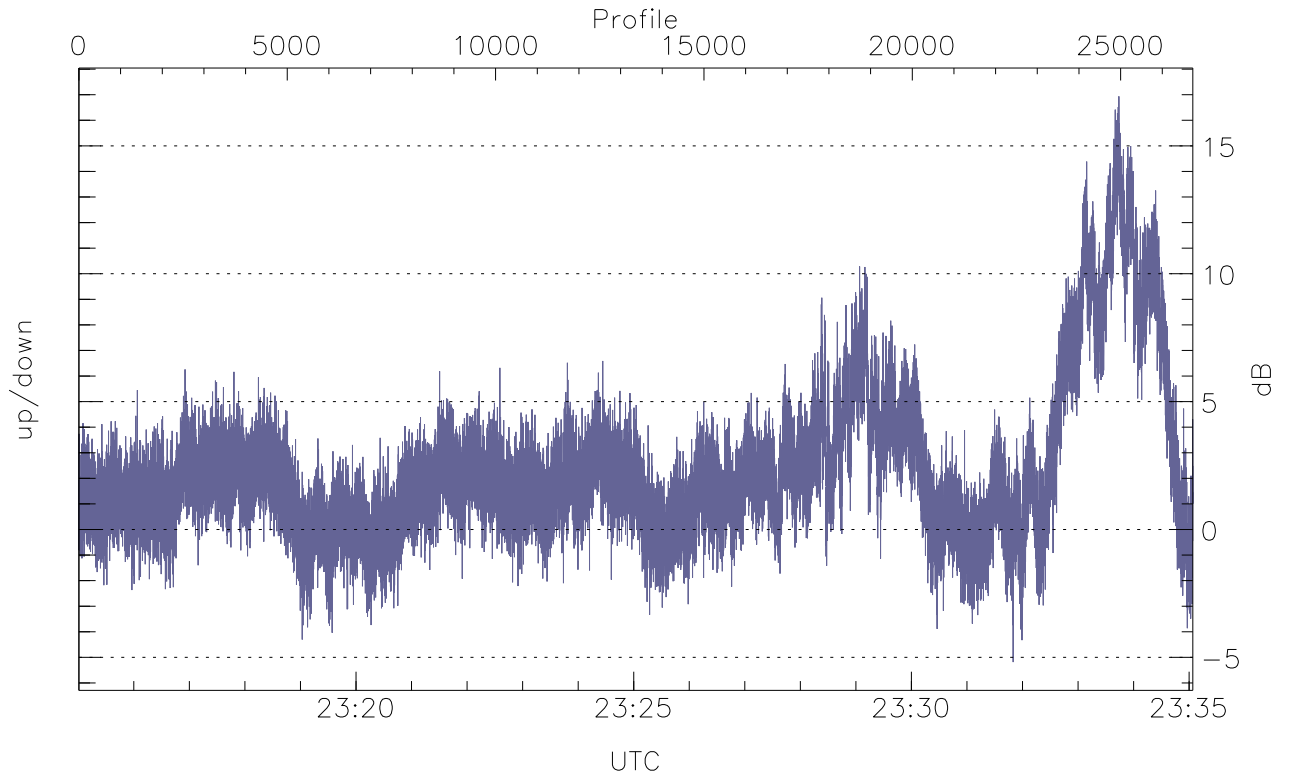


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



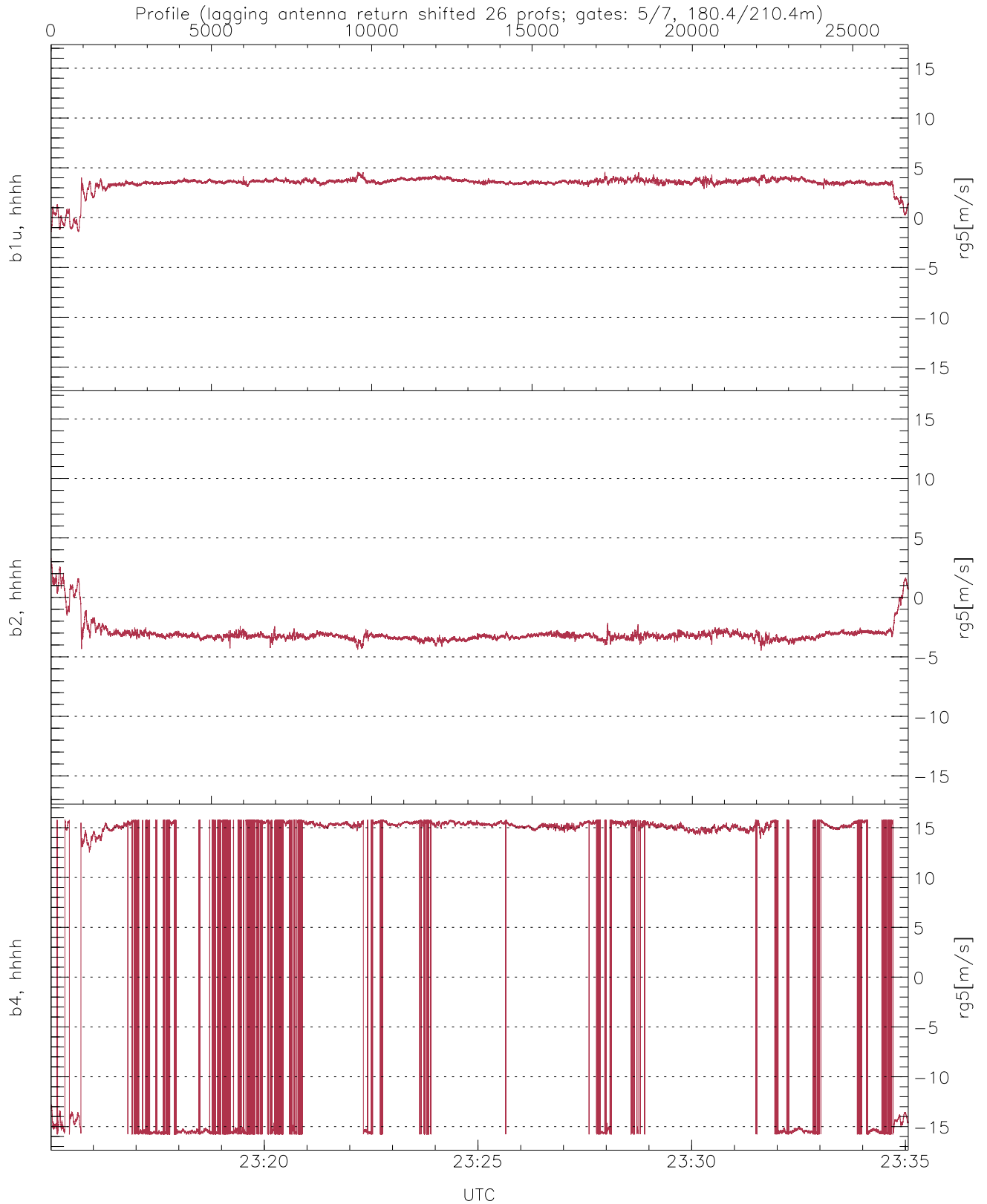
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-34.27	-8.83	-14.05
down(hh[dBm])	-43.25	-10.05	-15.67
down-fore(hh[dBm])	-45.41	-14.82	-20.11



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

	Min	Max	Mean
up/down (dB)	-5.18	16.94	2.41
down/down-fore (dB)	0.29	10.89	5.70



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-1.42	4.59	3.44	0.80
b2, hhhh(rg5[m/s])	-4.47	3.28	-3.04	0.91
b4, hhhh(rg5[m/s])	-15.79	15.79	6.78	13.69