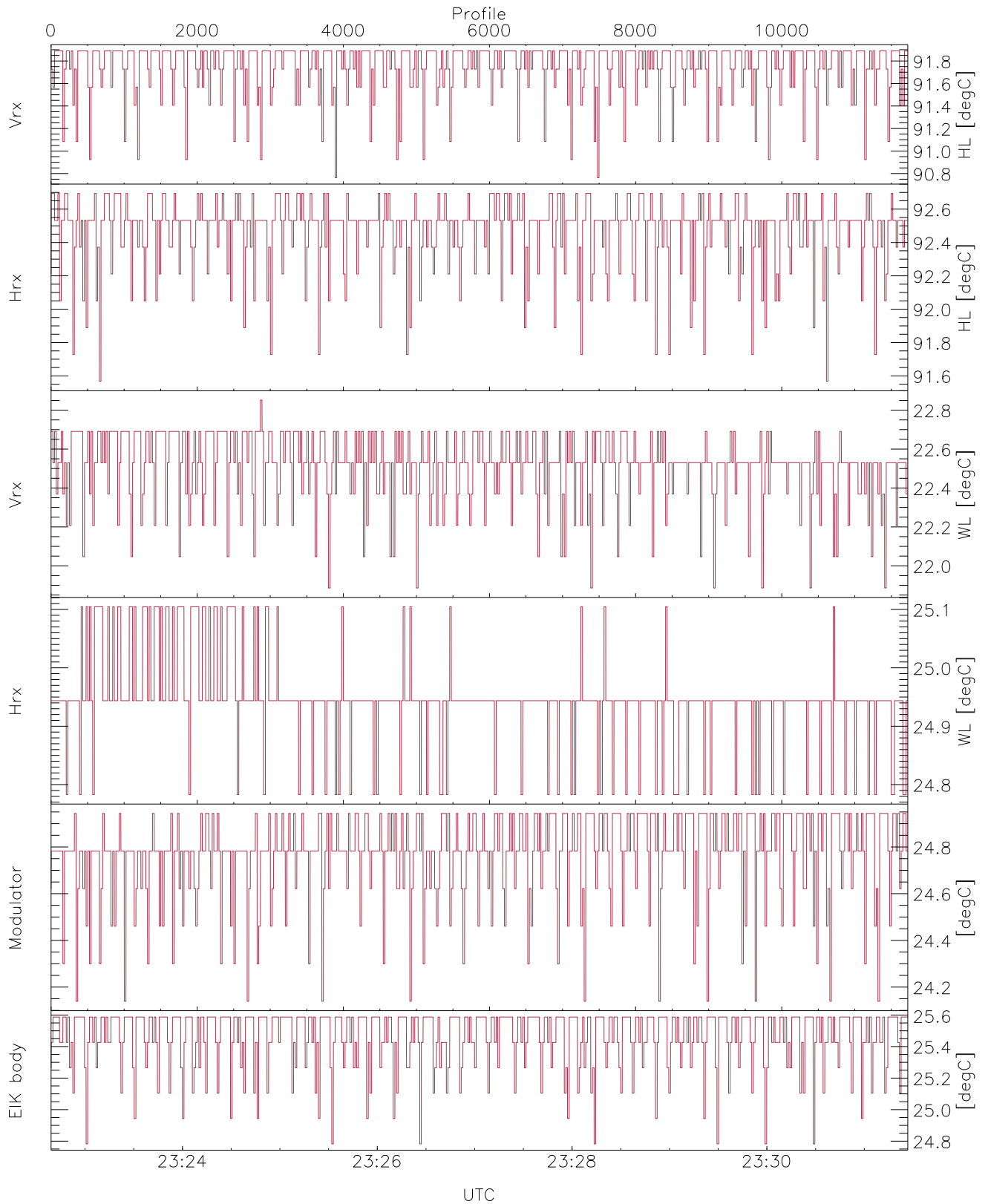


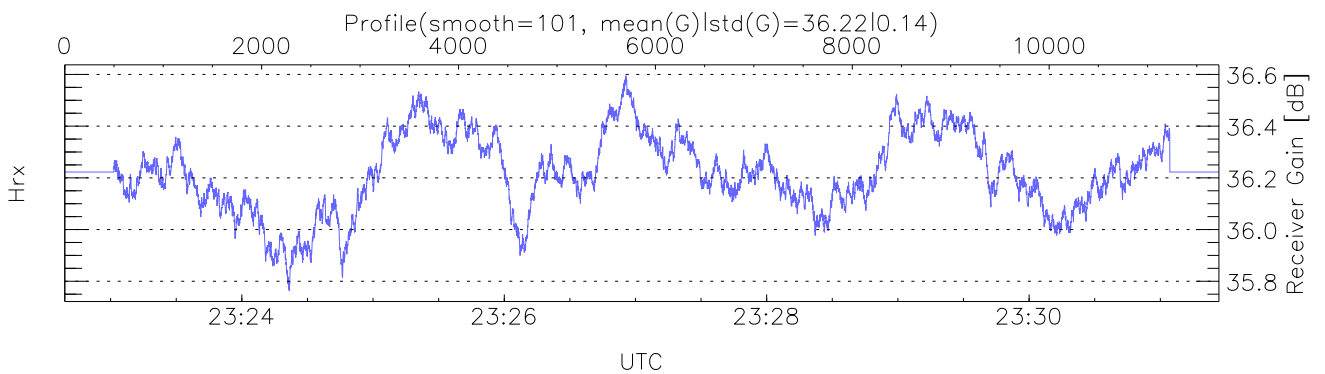
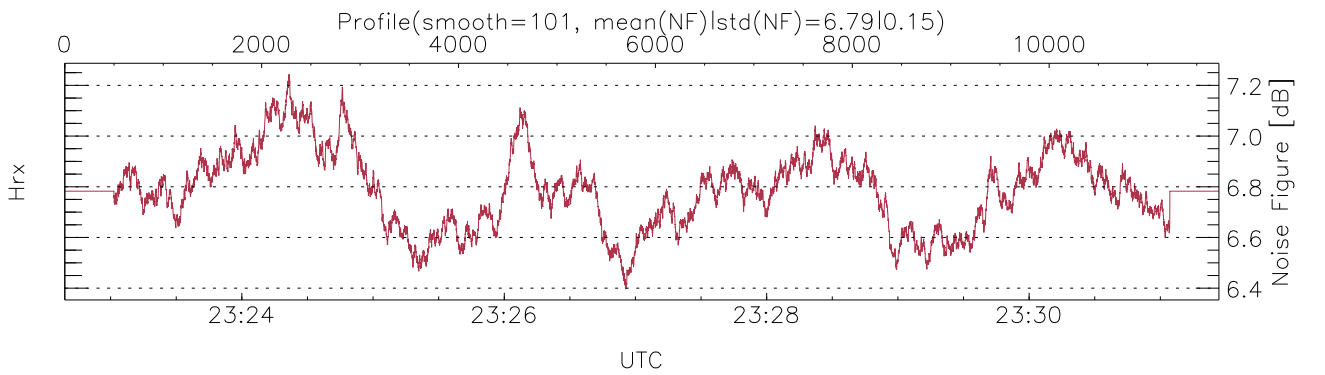
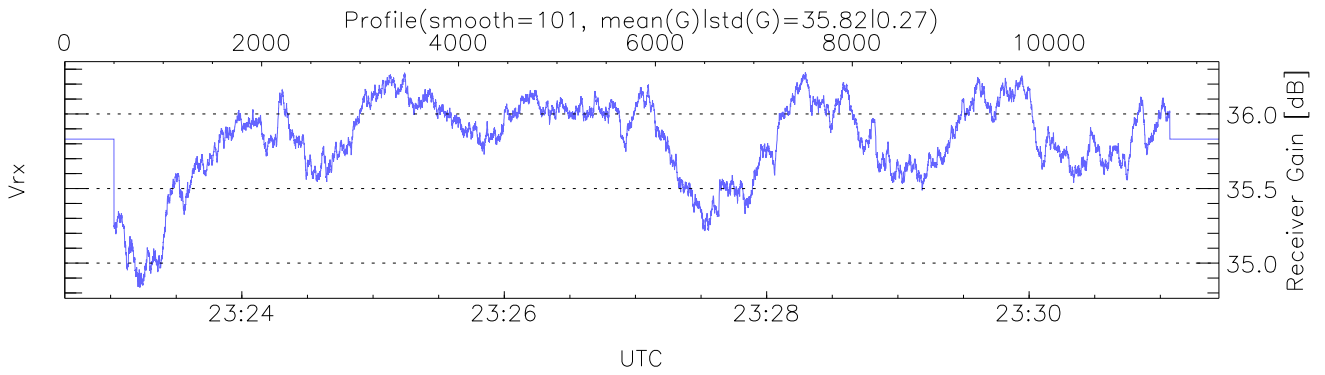
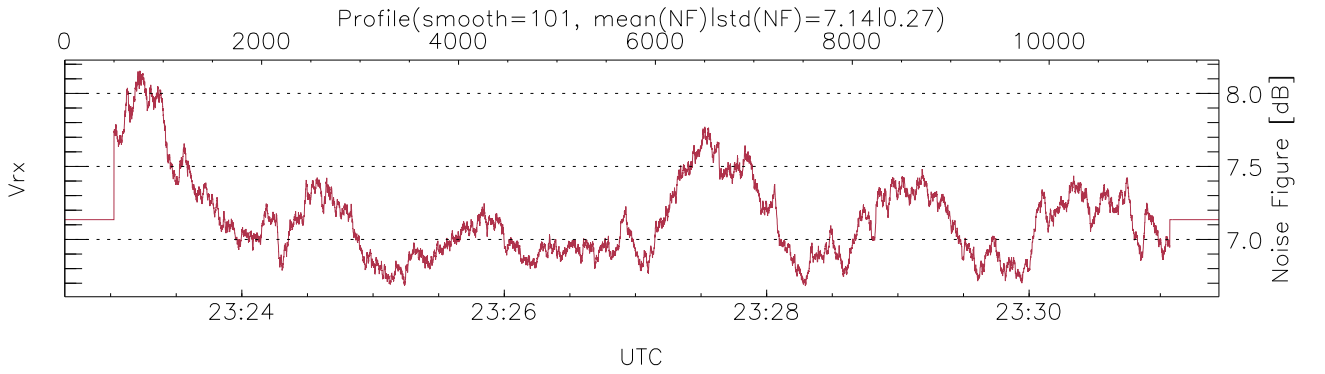
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 23:22:39-23:31:27, TimeCor: 0.00s, Dur: 527.76s
 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): 11726/11726, 0-11725/23:22:39-23:31:27
 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|sidelup|error): 1



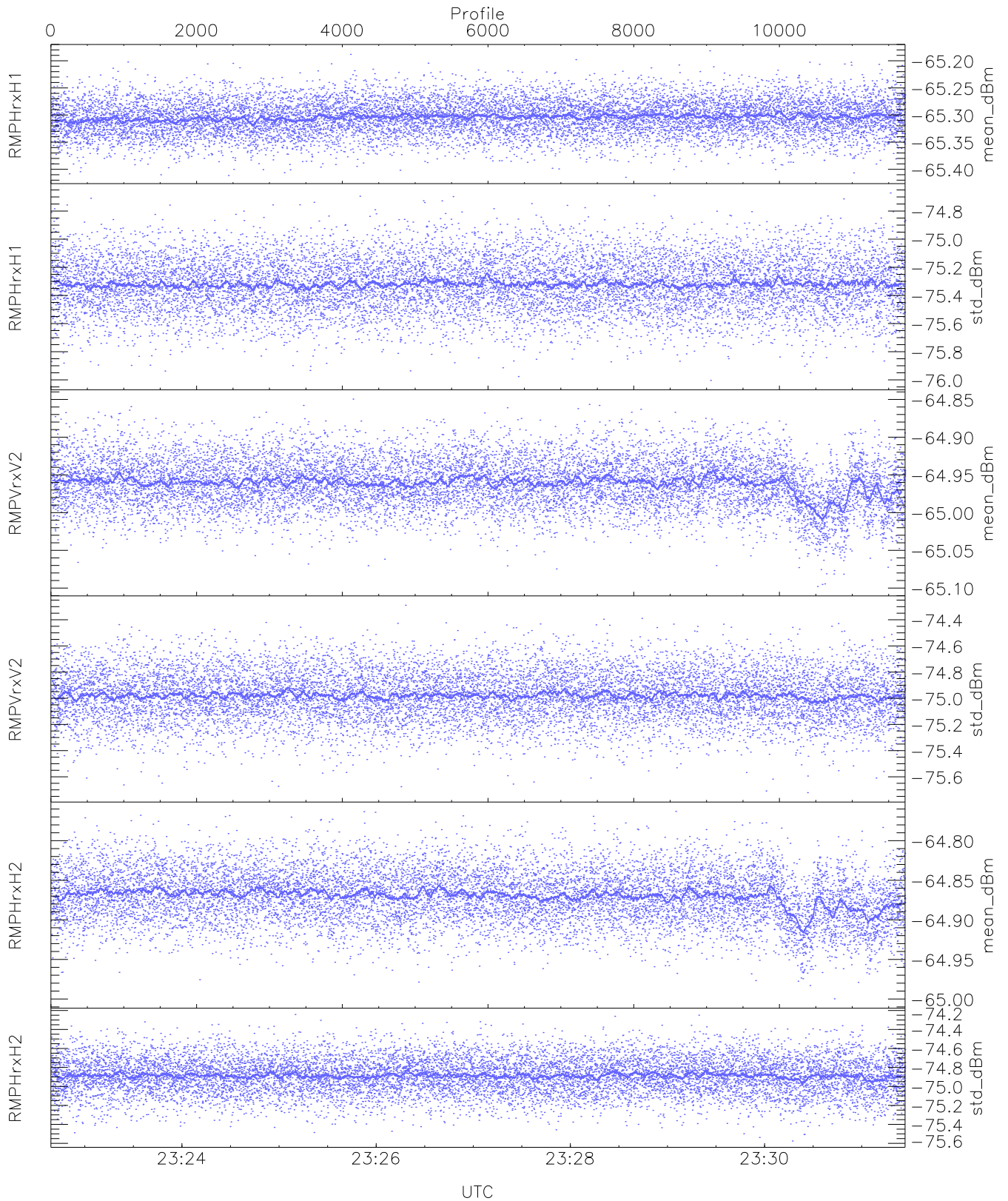
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

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



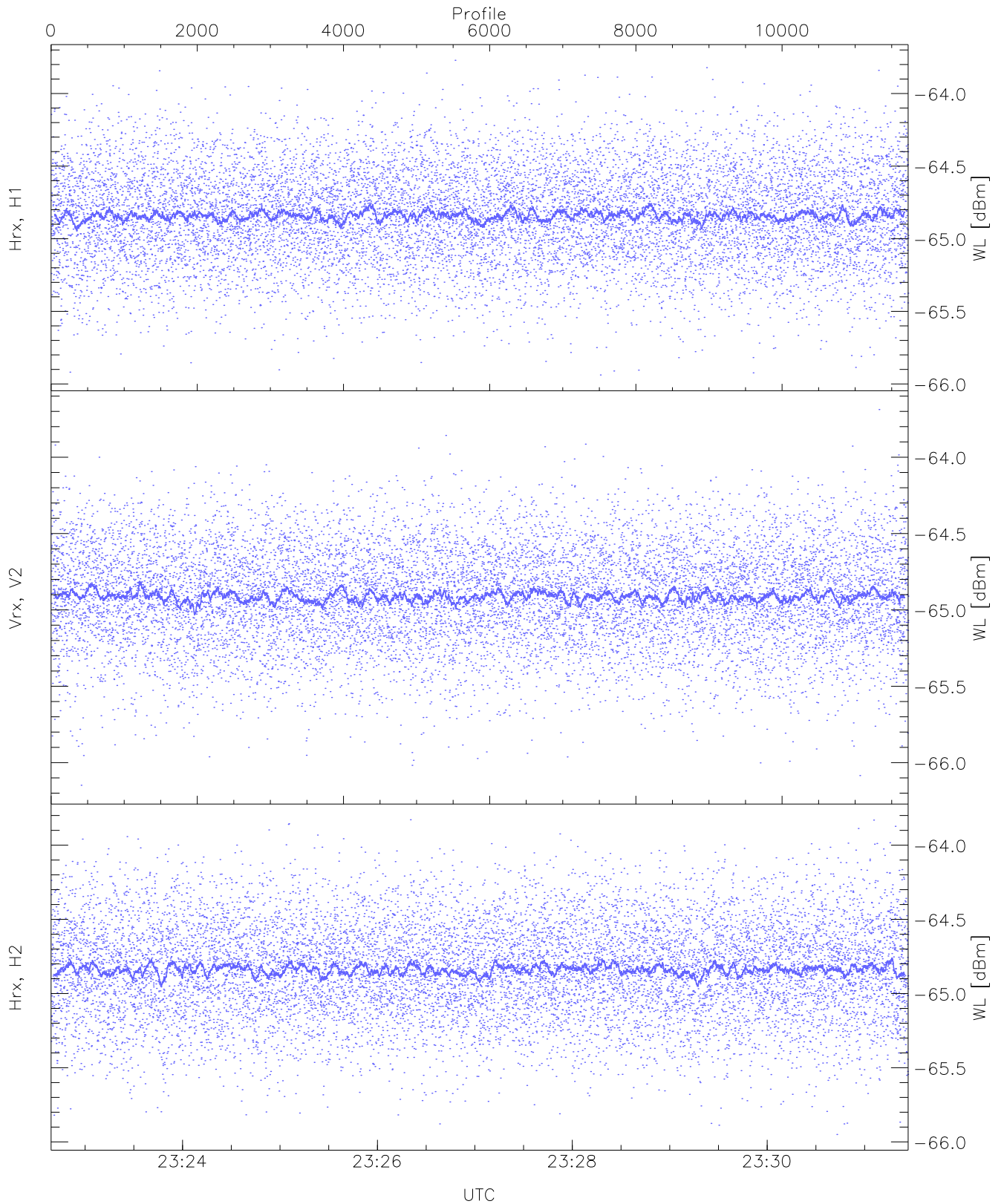
WCR3 CPP Receivers Gain and Noise Figure

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



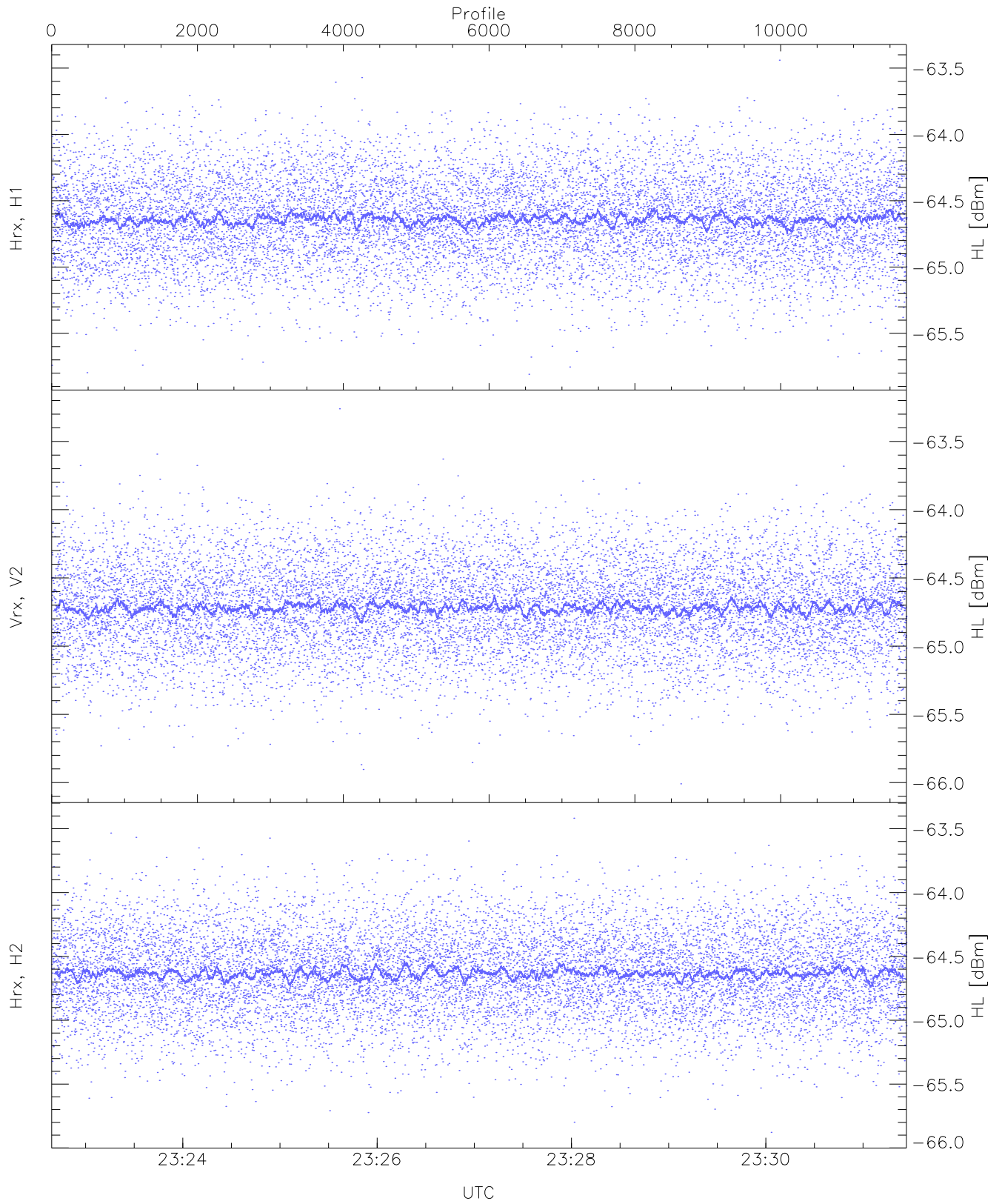
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.41	-65.18	-65.30	-65.30	-86.87
RMPHrxH1 (std_dBm)	-76.00	-74.67	-75.32	-75.32	-89.12
RMPVrxV2 (mean_dBm)	-65.10	-64.85	-64.96	-64.96	-86.32
RMPVrxV2 (std_dBm)	-75.72	-74.29	-74.98	-74.98	-88.78
RMPHrxH2 (mean_dBm)	-65.00	-64.76	-64.87	-64.87	-86.20
RMPHrxH2 (std_dBm)	-75.58	-74.24	-74.88	-74.89	-88.68



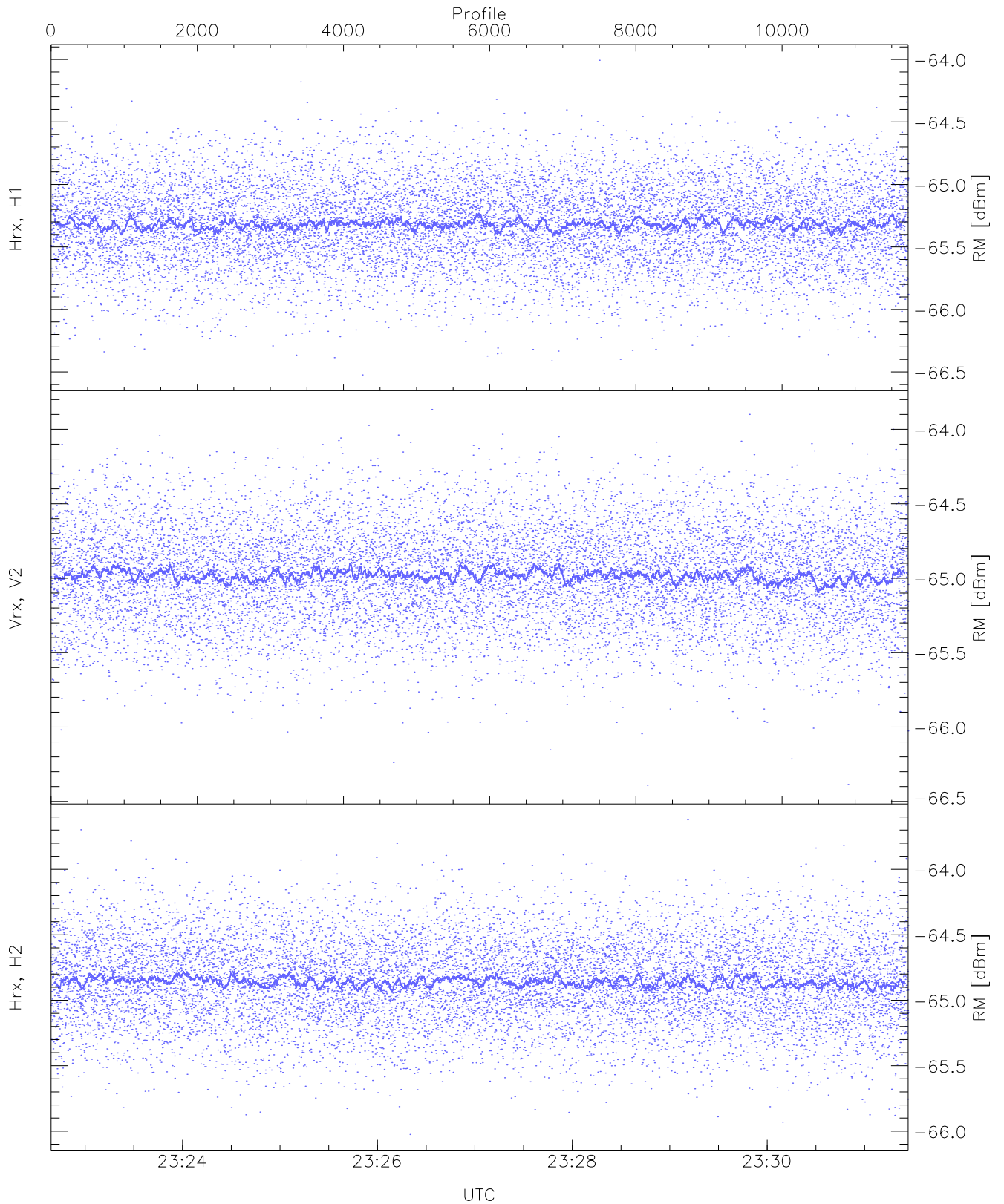
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.94	-63.77	-64.83	-64.84	-76.32
Vrx, V2 (WL [dBm])	-66.15	-63.69	-64.90	-64.91	-76.42
Hrx, H2 (WL [dBm])	-65.95	-63.83	-64.83	-64.84	-76.31



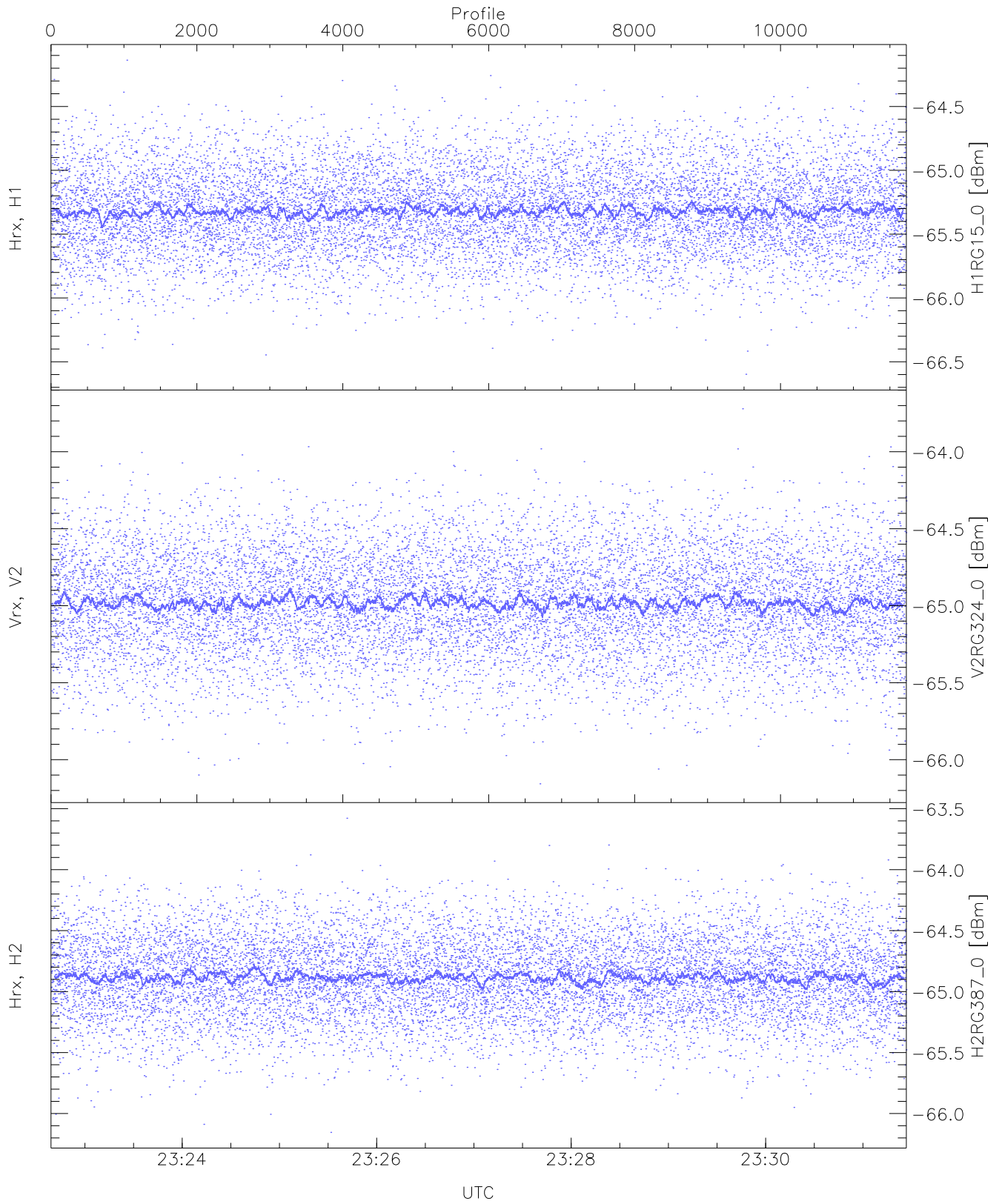
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.81	-63.44	-64.63	-64.64	-76.16
Vrx, V2 (HL [dBm])	-66.01	-63.26	-64.71	-64.72	-76.23
Hrx, H2 (HL [dBm])	-65.88	-63.42	-64.63	-64.63	-76.13



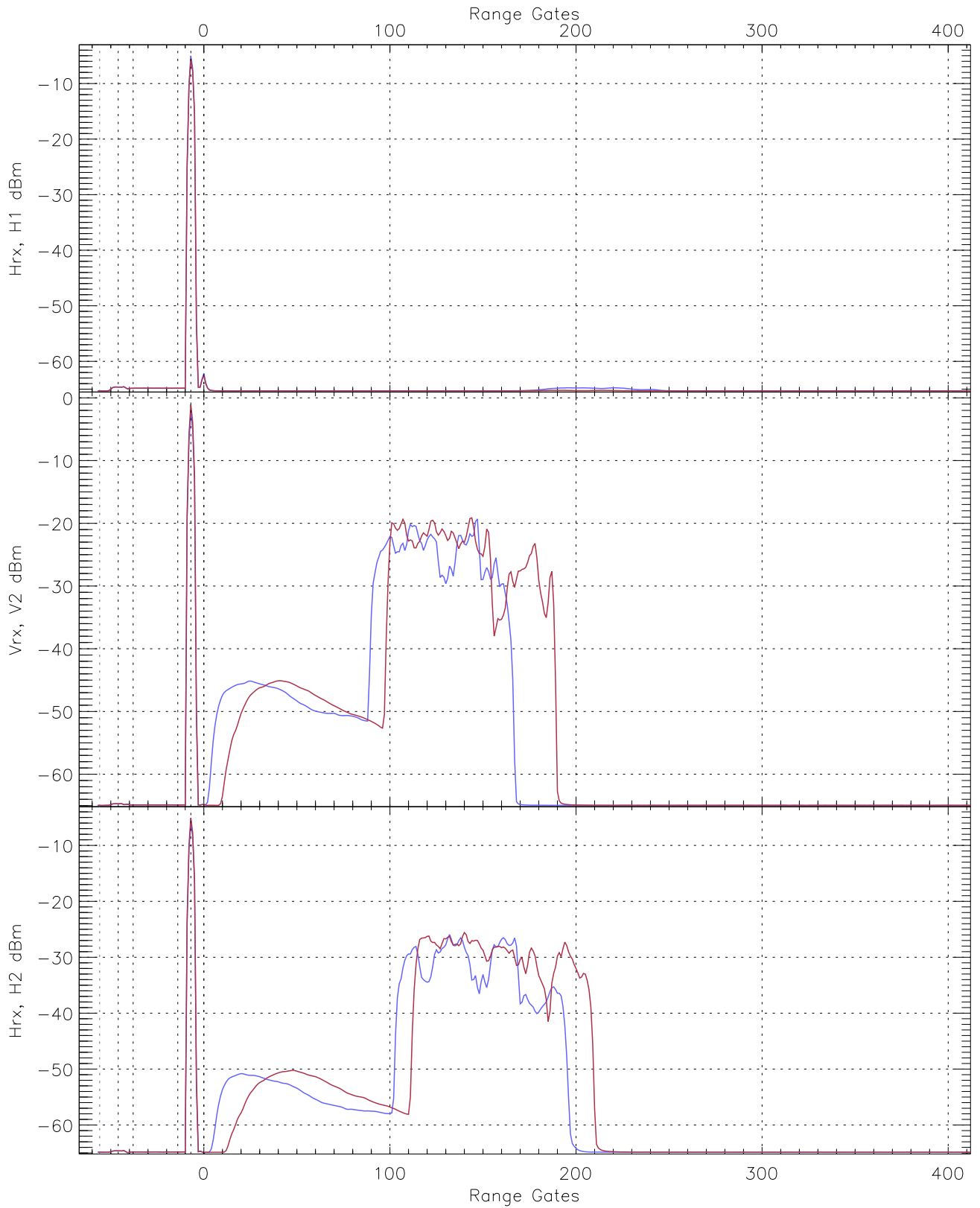
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.52	-64.01	-65.31	-65.32	-76.77
Vrx, V2 (RM [dBm])	-66.39	-63.87	-64.97	-64.98	-76.49
Hrx, H2 (RM [dBm])	-66.03	-63.62	-64.85	-64.86	-76.39

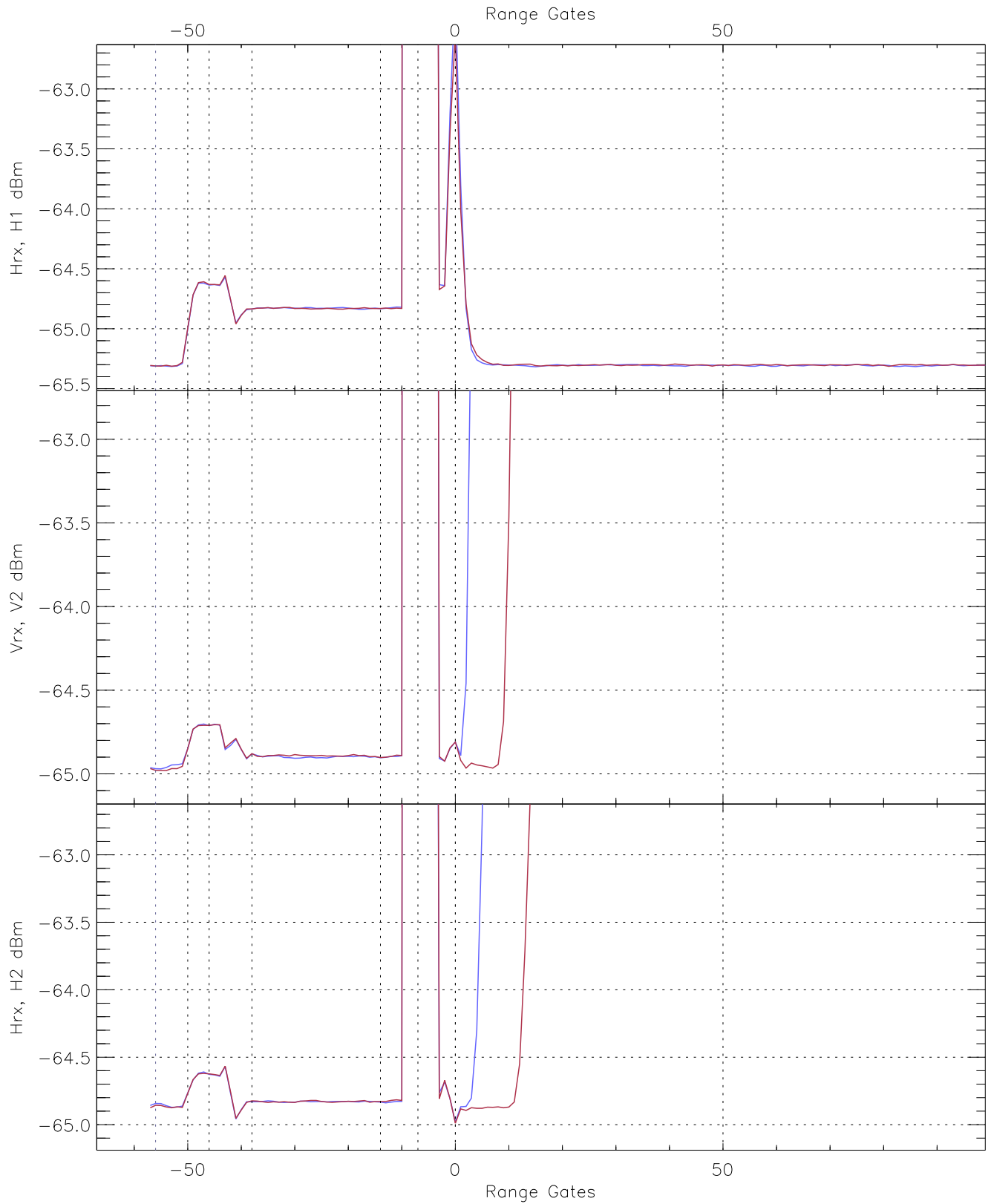


WCR3 CPP "Best" estimate Receivers Noise Power

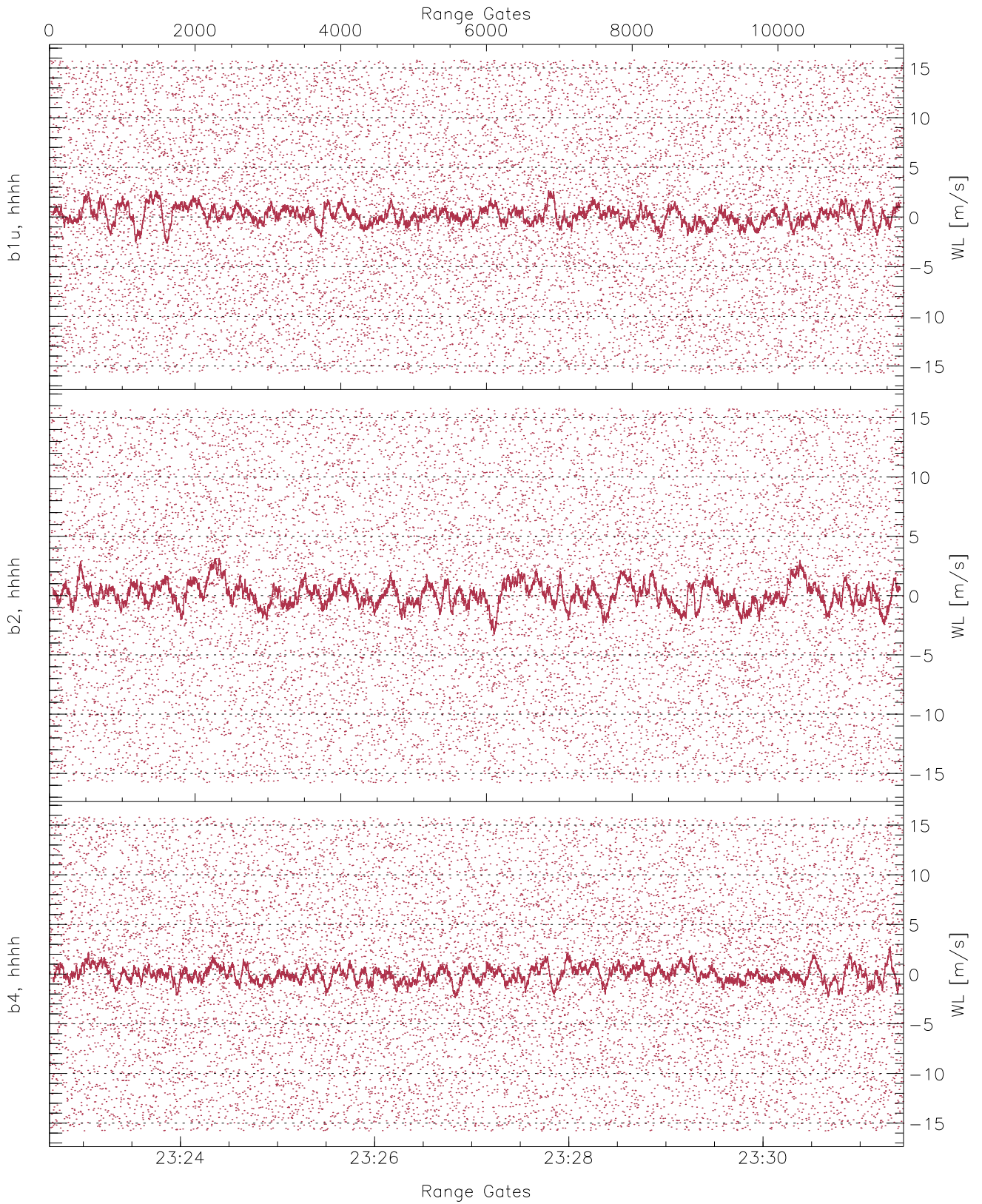
	Min	Max	Mean	Median	StDev
H1RG15_0 [dBm]	-66.60	-64.14	-65.31	-65.32	-76.81
V2RG324_0 [dBm]	-66.16	-63.72	-64.97	-64.98	-76.51
H2RG387_0 [dBm]	-66.15	-63.58	-64.88	-64.89	-76.40



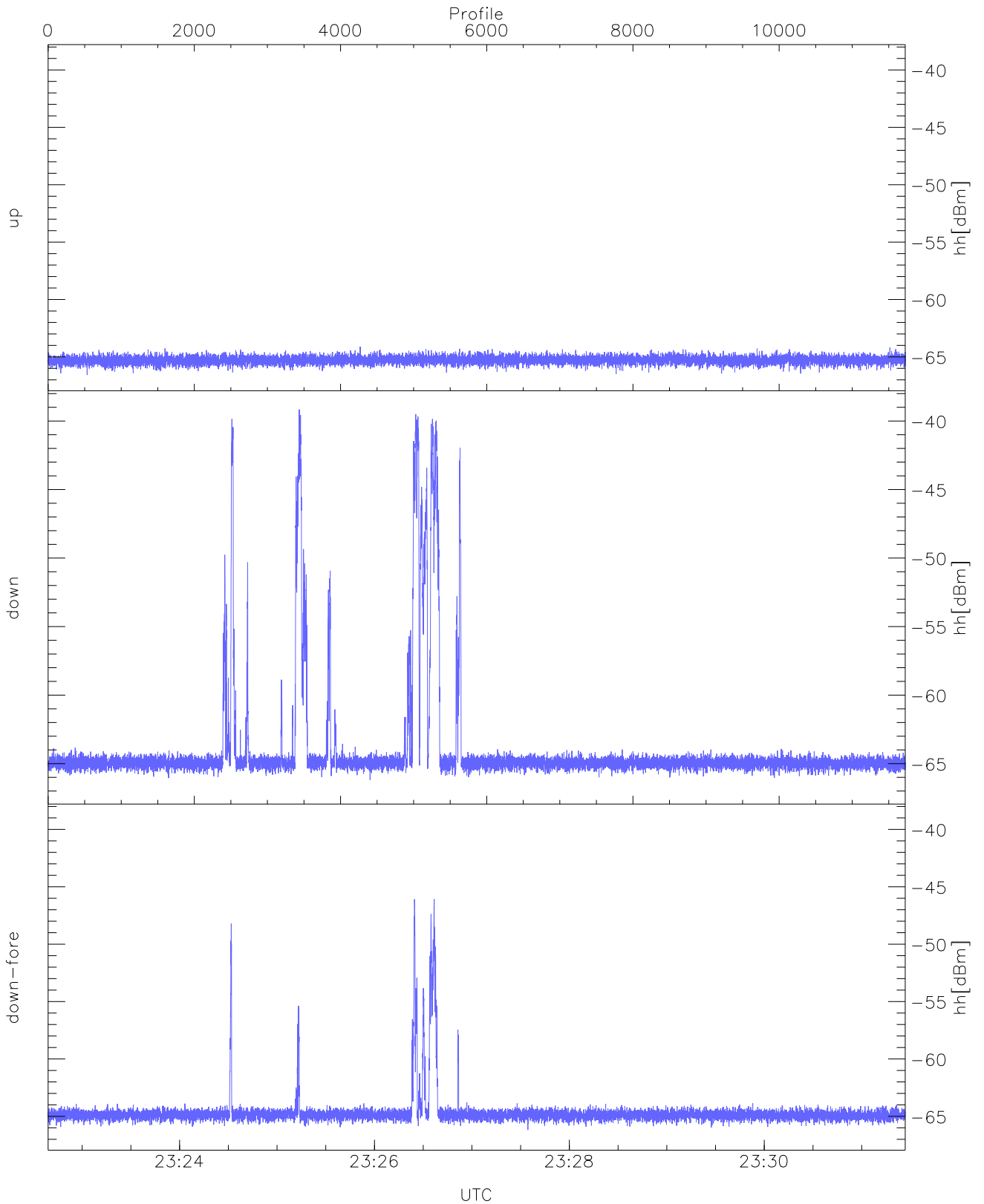
WCR3 CPP Averaged Received power for all recorded gates
blue: 232239-232703, 5864 profiles averaged
red: 232703-233127, 5863 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 232239-232703, 5864 profiles averaged
red: 232703-233127, 5863 profiles averaged

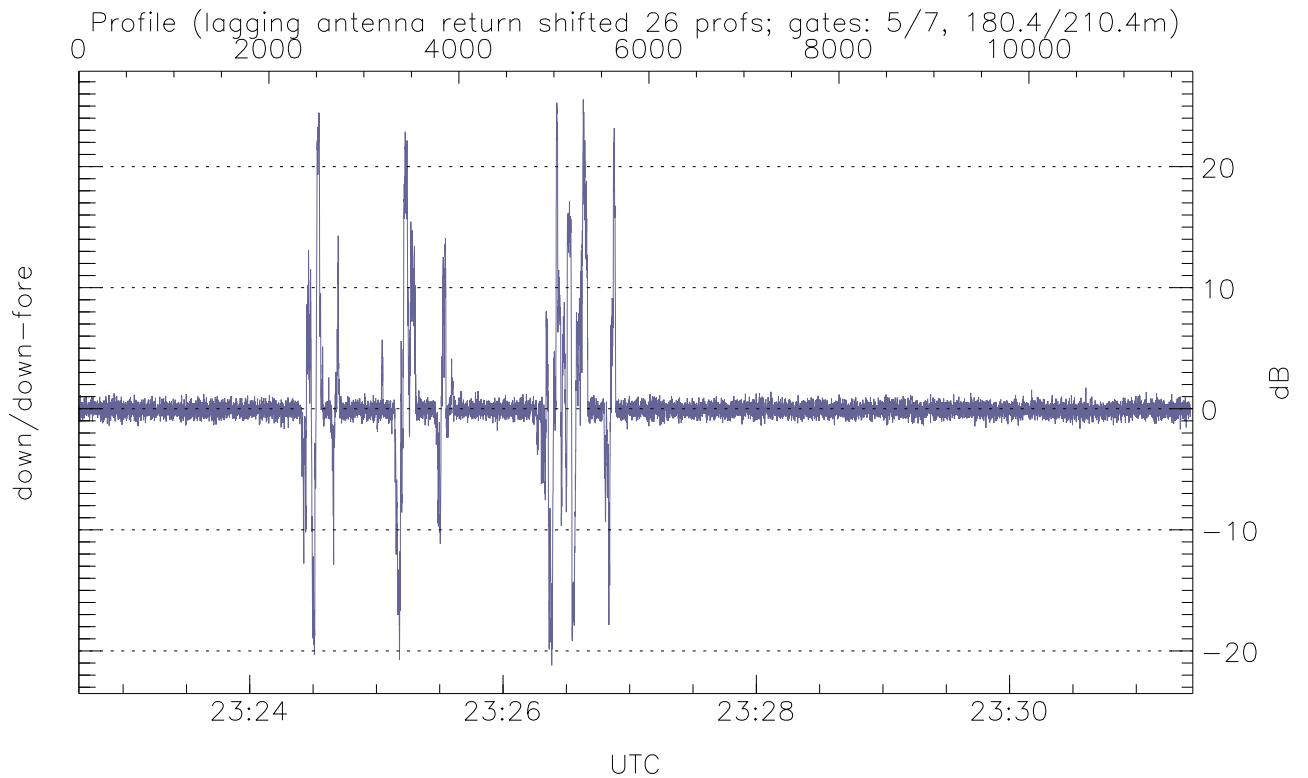
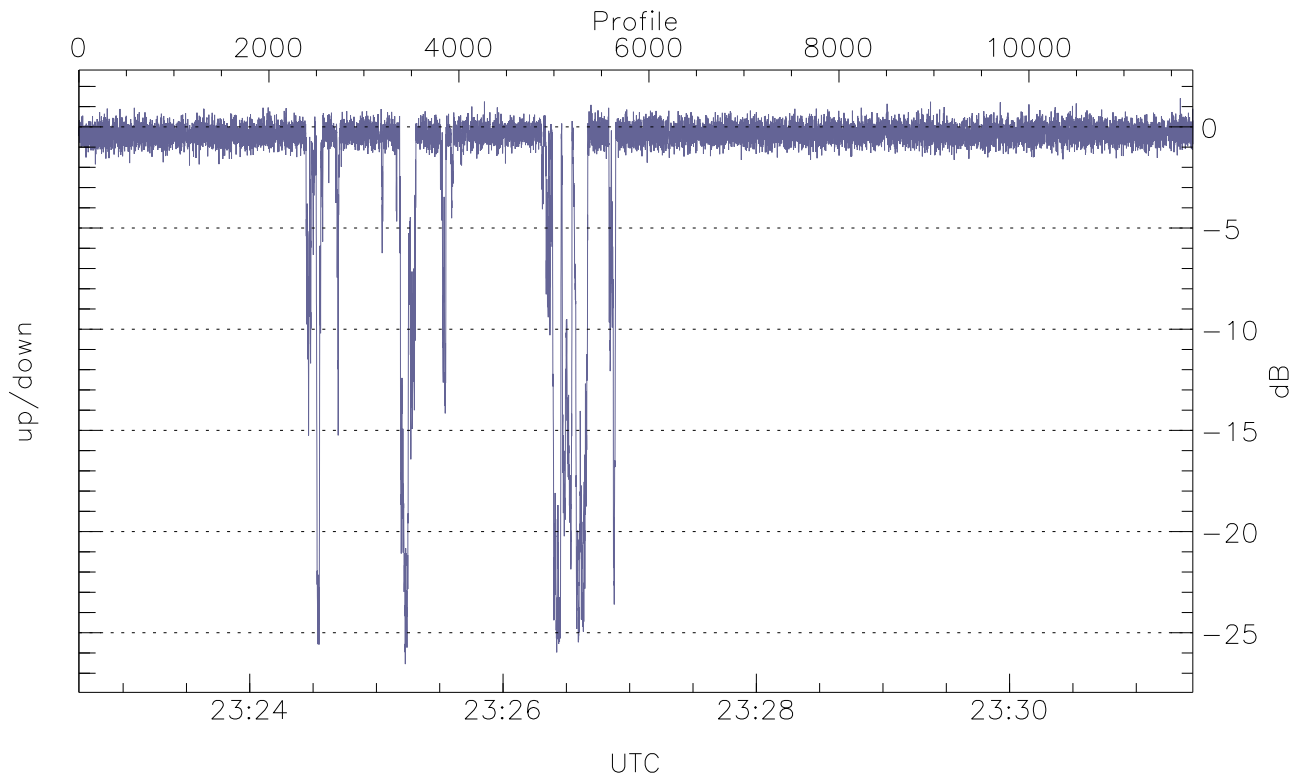


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



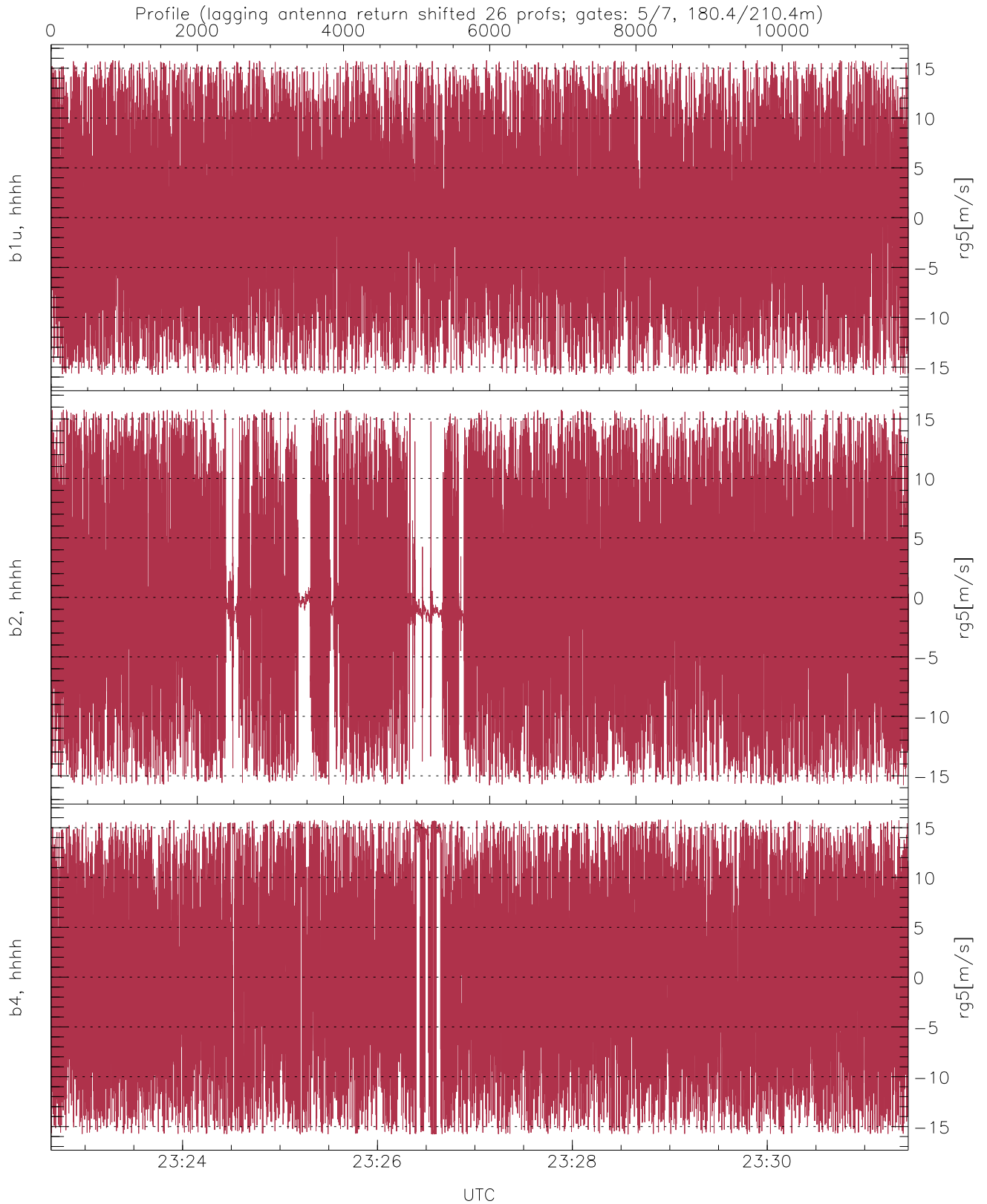
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.58	-64.11	-65.27
down(hh[dBm])	-66.19	-39.16	-57.38
down-fore(hh[dBm])	-66.18	-46.07	-63.70



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

	Min	Max	Mean
up/down (dB)	-26.55	1.41	-1.31
down/down-fore (dB)	-21.19	25.54	0.16



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	0.01	8.26
b2, hhhh(rg5[m/s])	-15.79	15.79	-0.12	8.35
b4, hhhh(rg5[m/s])	-15.78	15.79	0.30	8.93