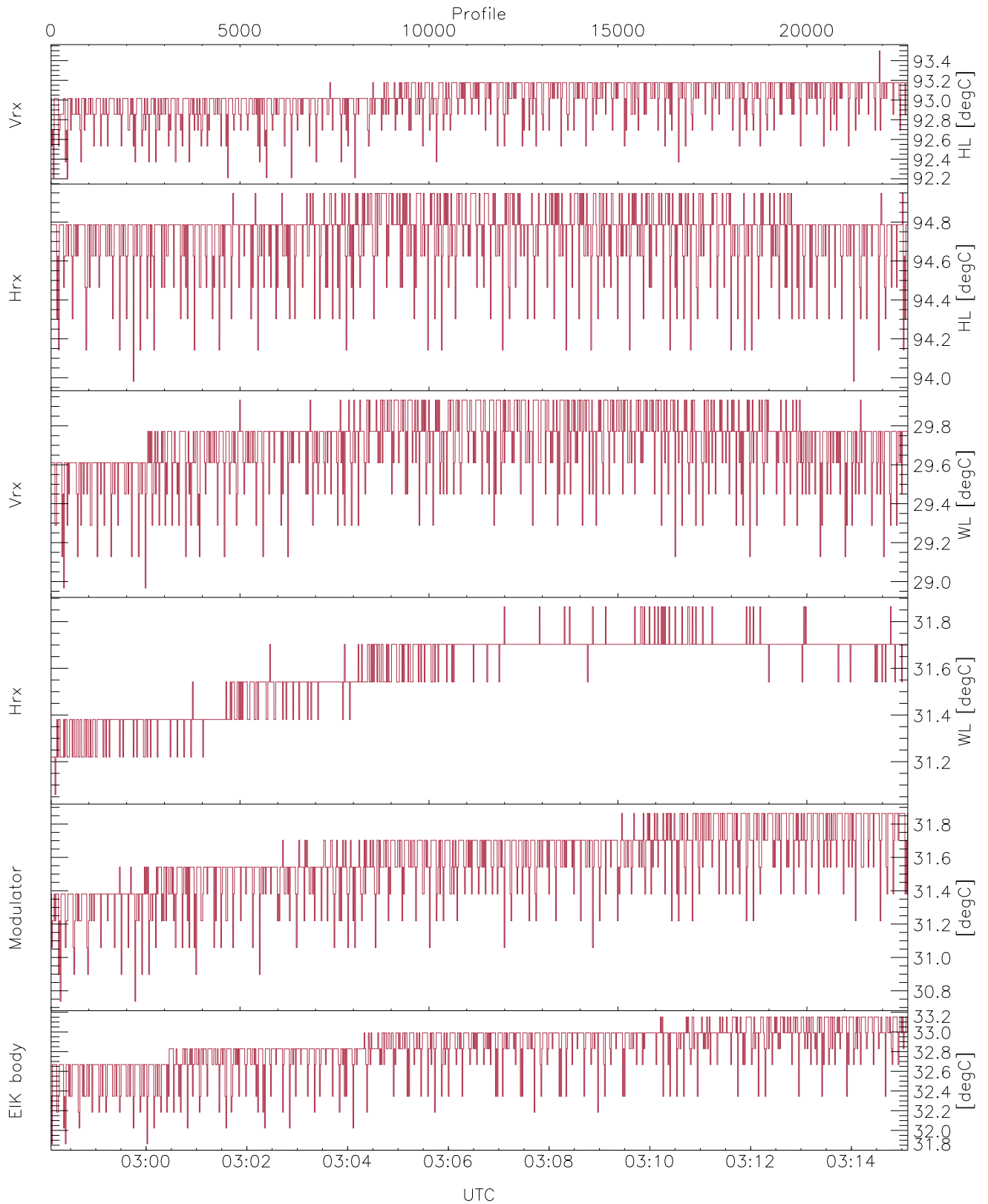


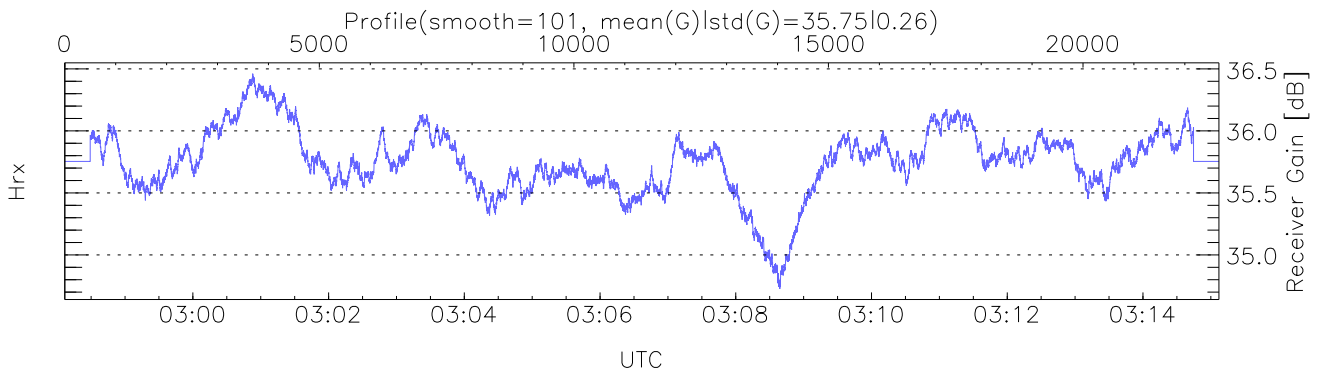
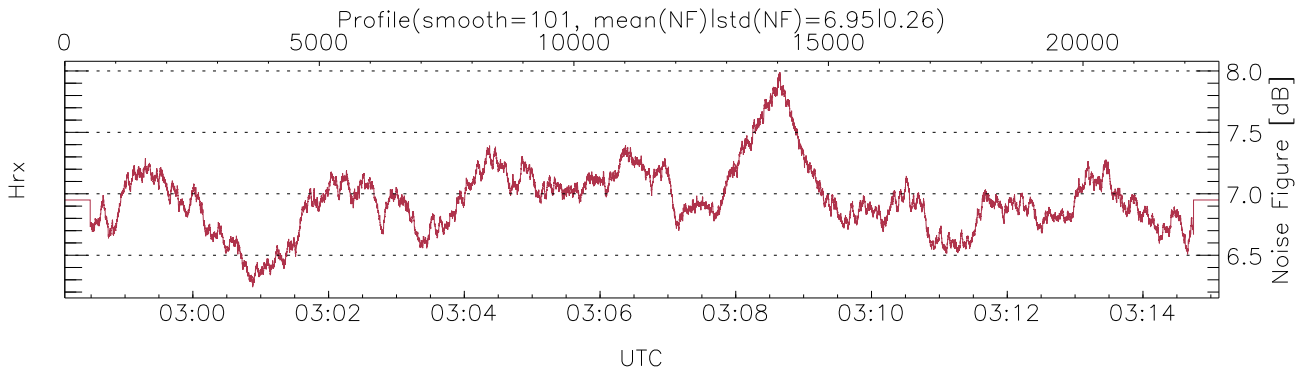
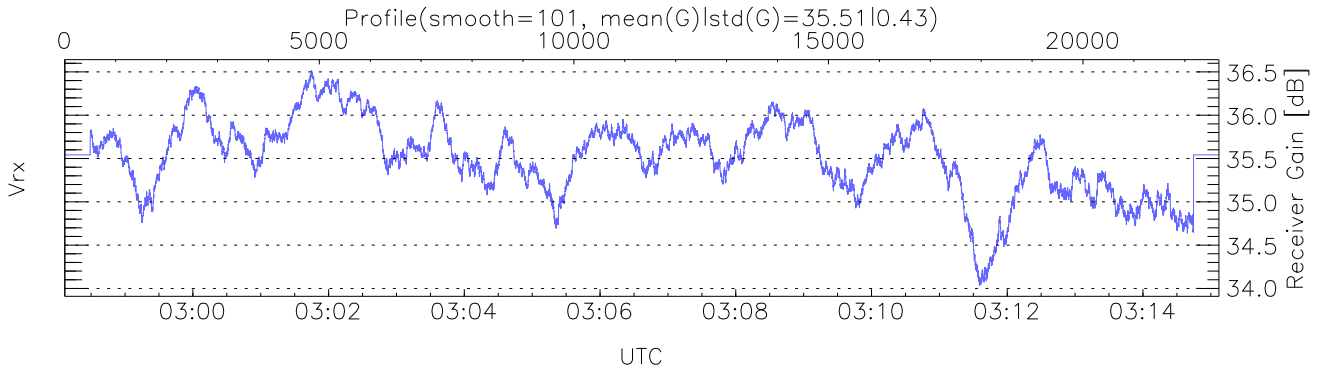
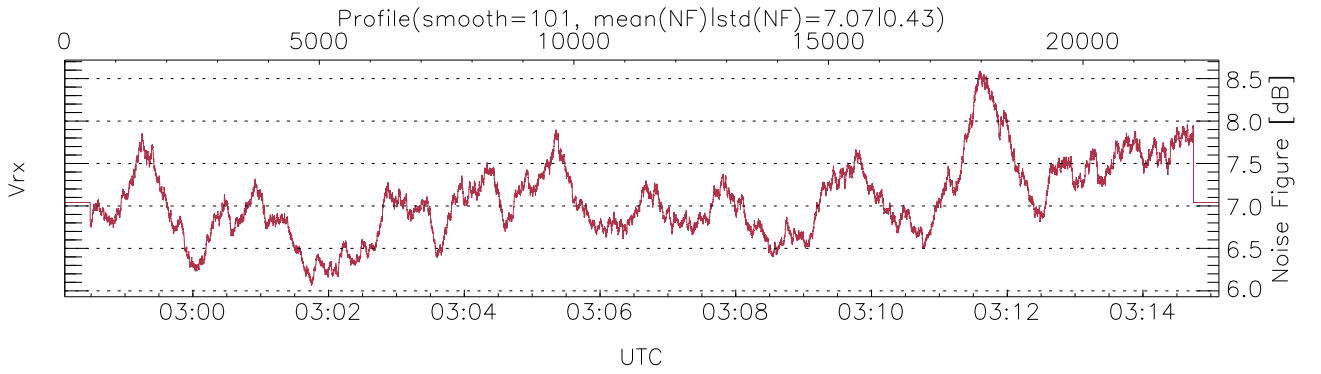
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 02:58:07-03:15:07, 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, 0-22671/02:58:07-03:15:07
 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



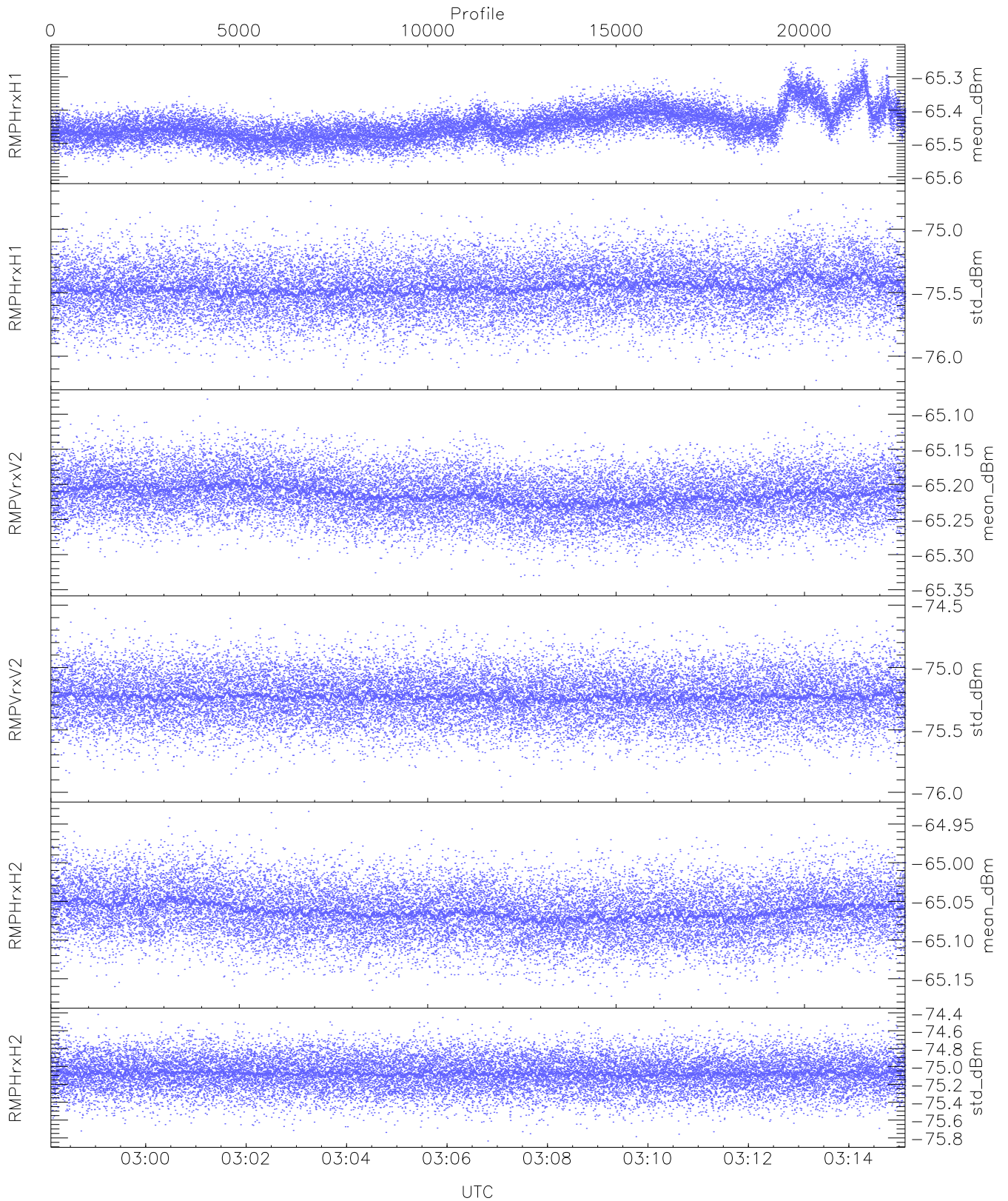
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,28,31,30,31`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,29,31,31,33`
`LOalarm(20,240,2817,14861 MHz): 0,0,66,0`
`EIK/Modulator Faults: None`



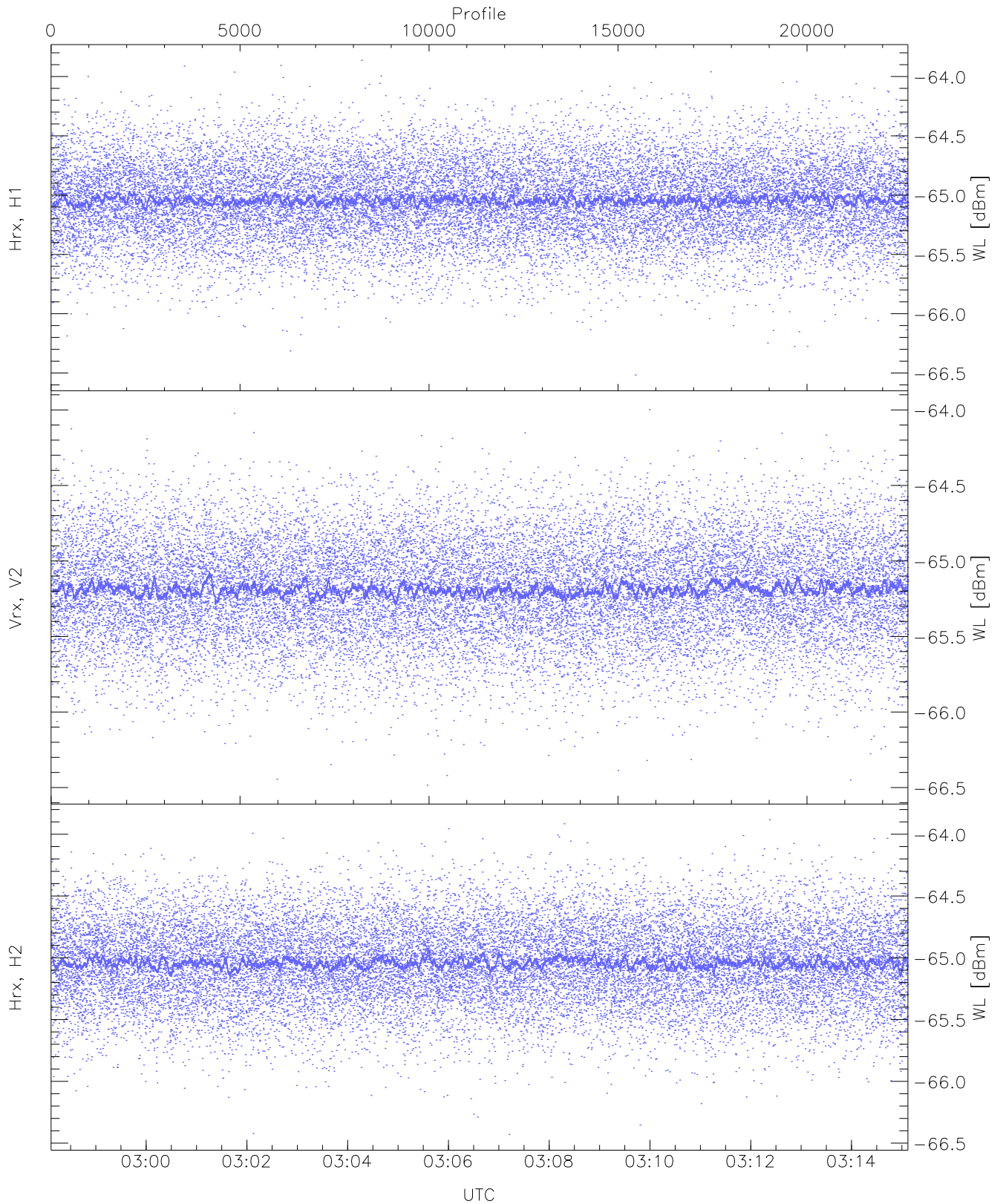
WCR3 CPP Receivers Gain and Noise Figure

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



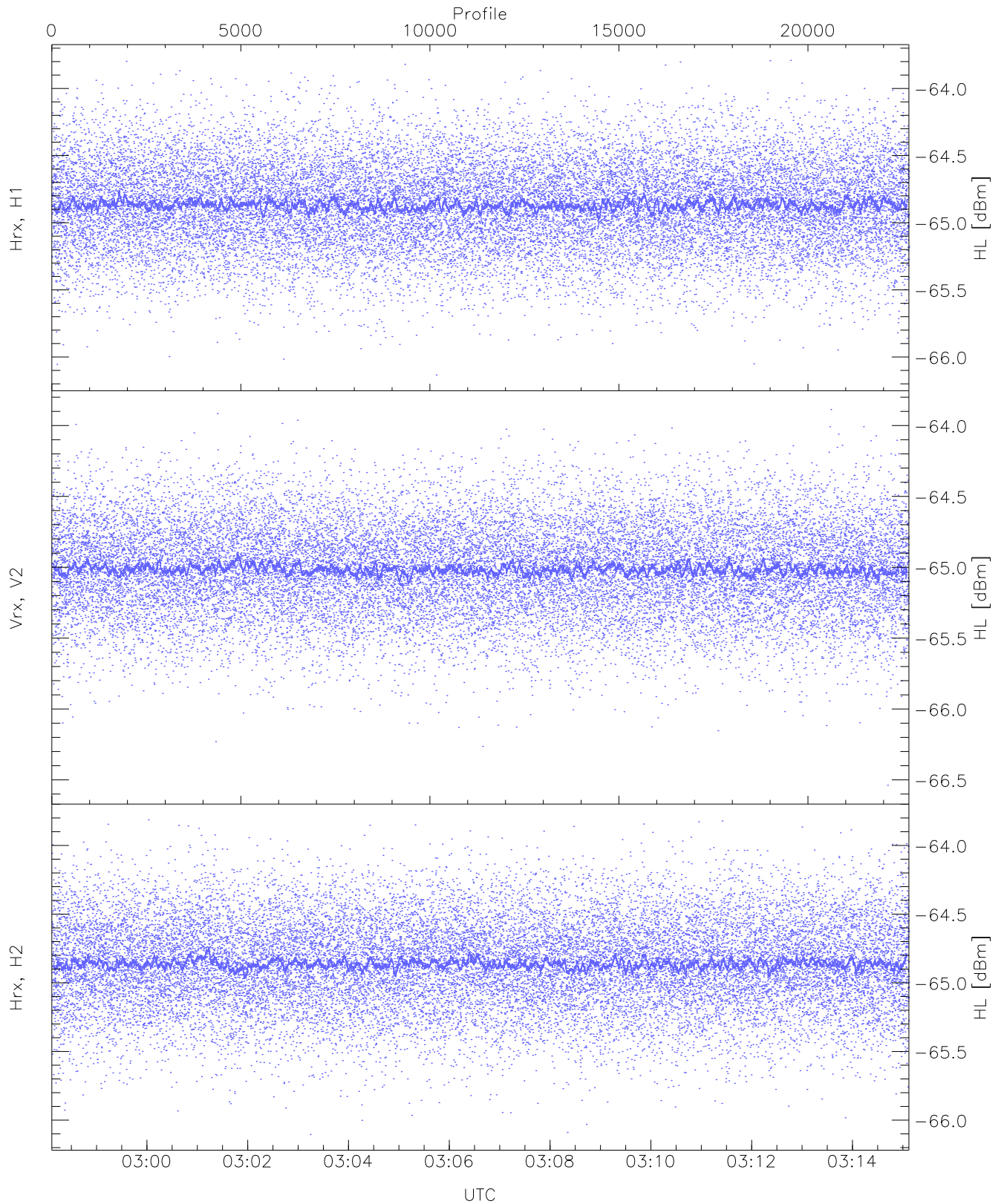
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.60	-65.22	-65.44	-65.45	-84.95
RMPHrxH1(std_dBm)	-76.19	-74.71	-75.46	-75.46	-89.16
RMPVrxV2(mean_dBm)	-65.35	-65.08	-65.21	-65.22	-86.69
RMPVrxV2(std_dBm)	-76.00	-74.50	-75.23	-75.23	-89.04
RMPHrxH2(mean_dBm)	-65.18	-64.93	-65.06	-65.06	-86.55
RMPHrxH2(std_dBm)	-75.83	-74.42	-75.08	-75.08	-88.86



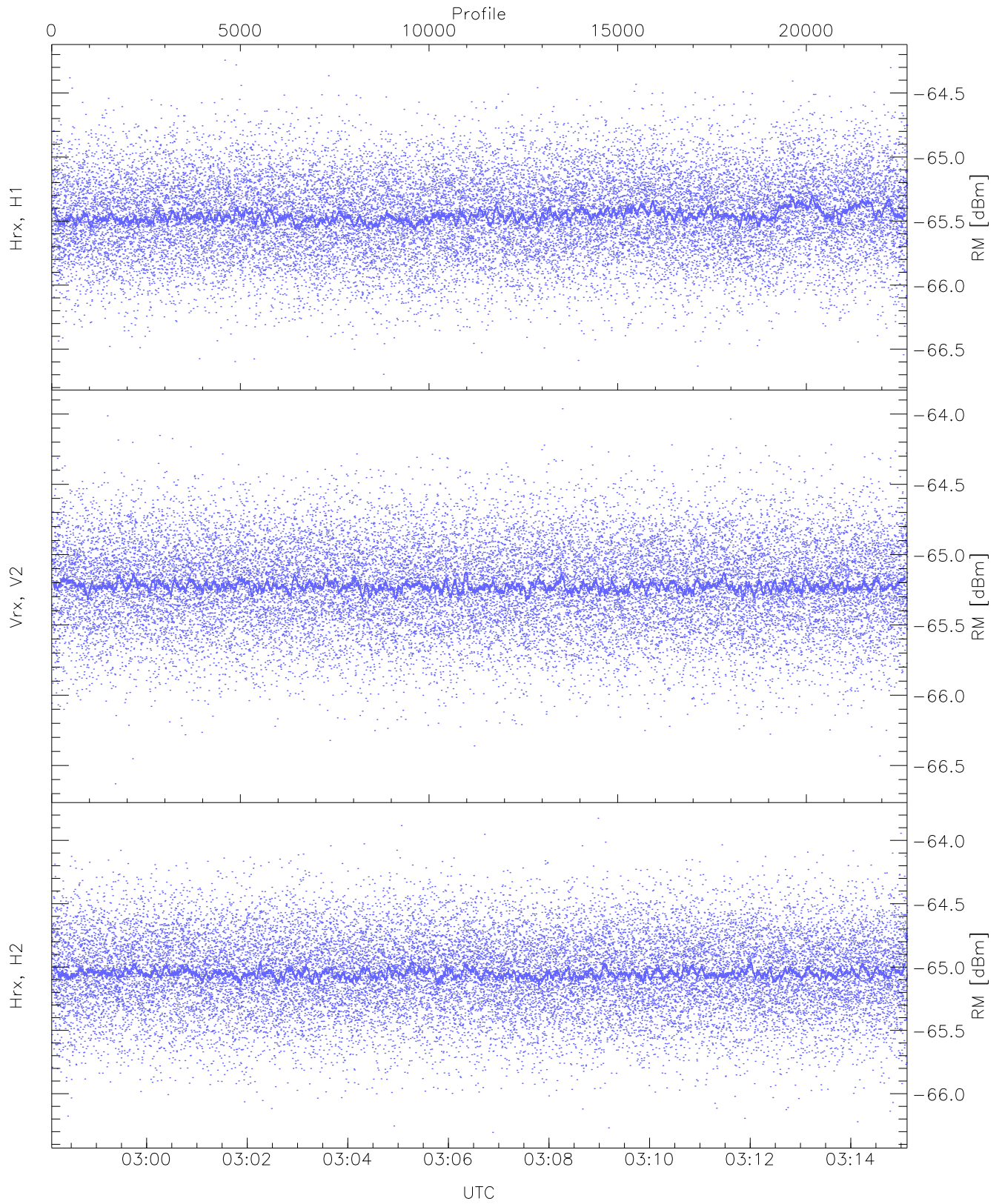
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.52	-63.86	-65.04	-65.05	-76.54
Vrx, V2 (WL [dBm])	-66.48	-64.00	-65.18	-65.19	-76.68
Hrx, H2 (WL [dBm])	-66.43	-63.88	-65.04	-65.04	-76.52



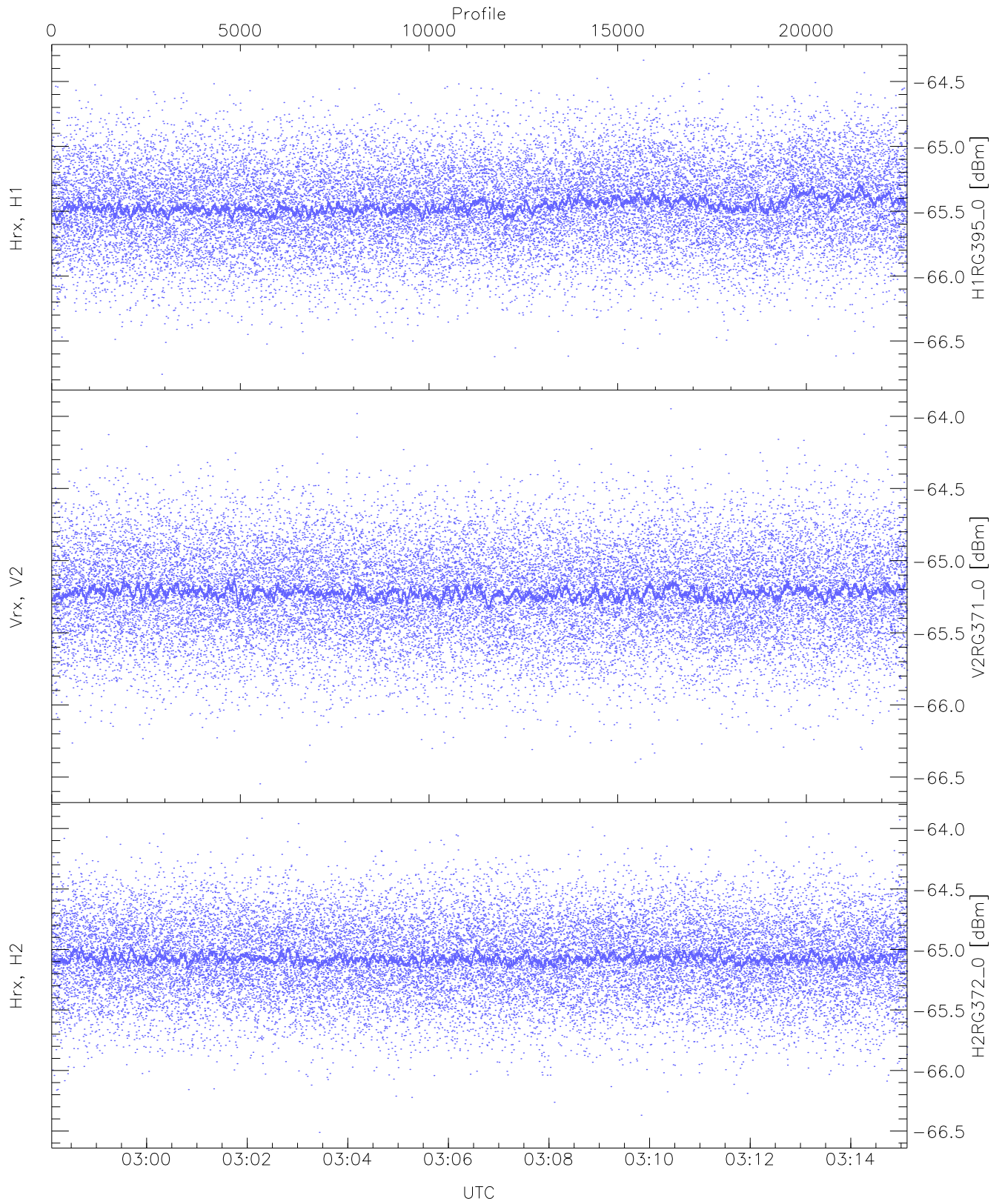
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.13	-63.79	-64.86	-64.87	-76.36
Vrx, V2 (HL [dBm])	-66.54	-63.89	-65.01	-65.01	-76.57
Hrx, H2 (HL [dBm])	-66.10	-63.81	-64.85	-64.86	-76.35



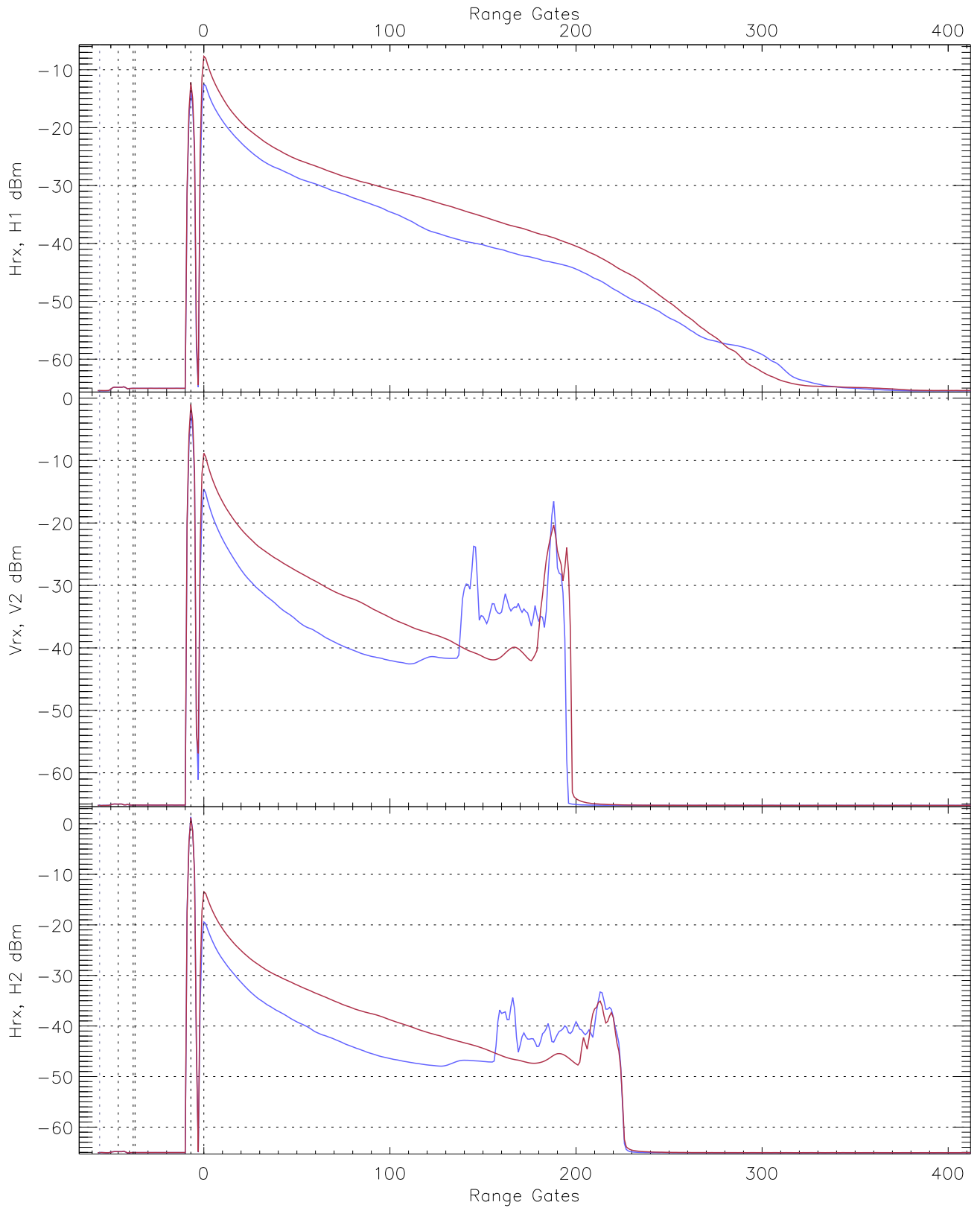
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.70	-64.24	-65.45	-65.46	-76.91
Vrx, V2 (RM [dBm])	-66.63	-63.96	-65.22	-65.22	-76.71
Hrx, H2 (RM [dBm])	-66.31	-63.83	-65.04	-65.05	-76.52

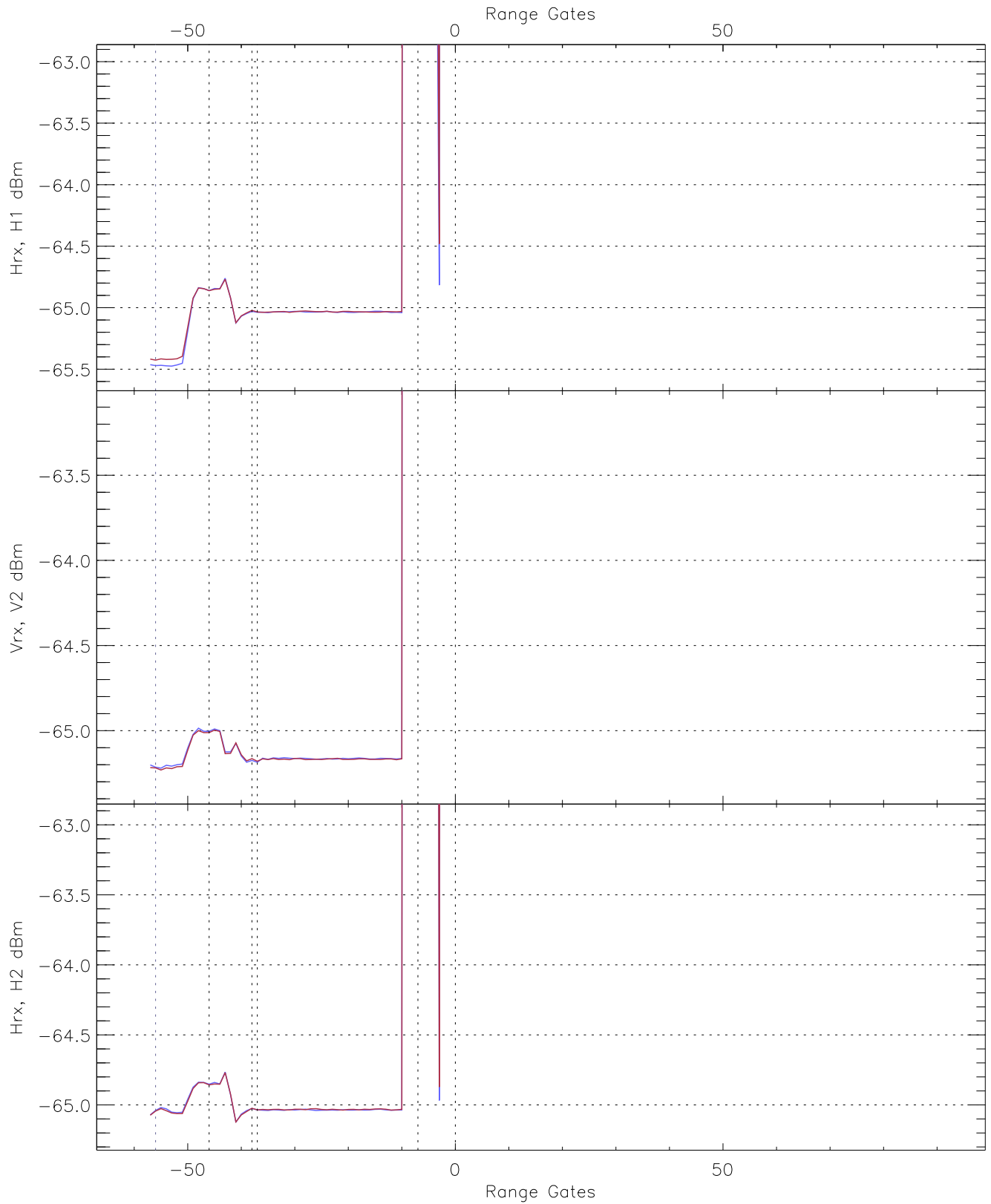


WCR3 CPP "Best" estimate Receivers Noise Power

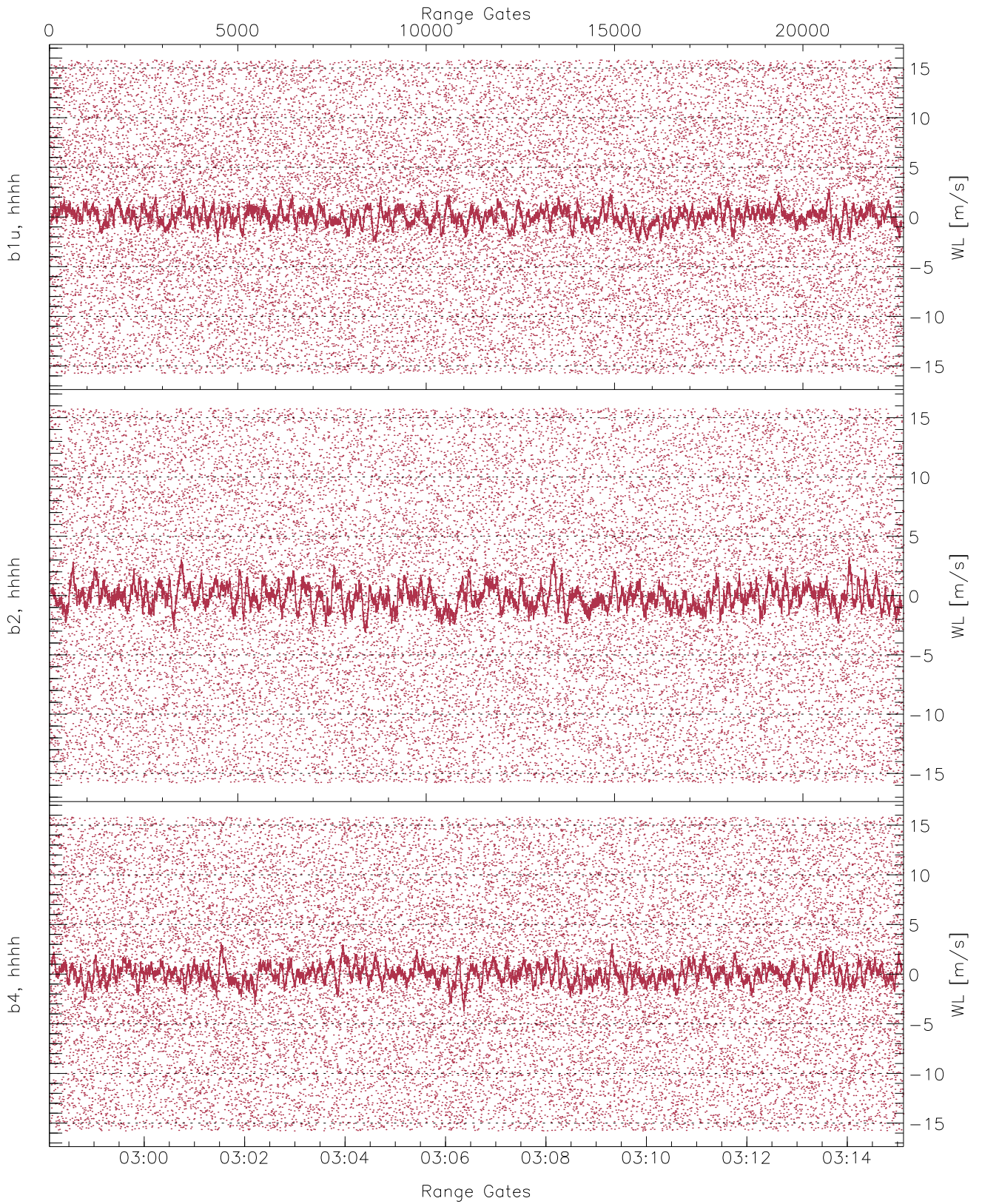
	Min	Max	Mean	Median	StDev
H1RG395_0 [dBm]	-66.76	-64.34	-65.45	-65.46	-76.92
V2RG371_0 [dBm]	-66.55	-63.95	-65.22	-65.22	-76.69
H2RG372_0 [dBm]	-66.51	-63.92	-65.07	-65.08	-76.51



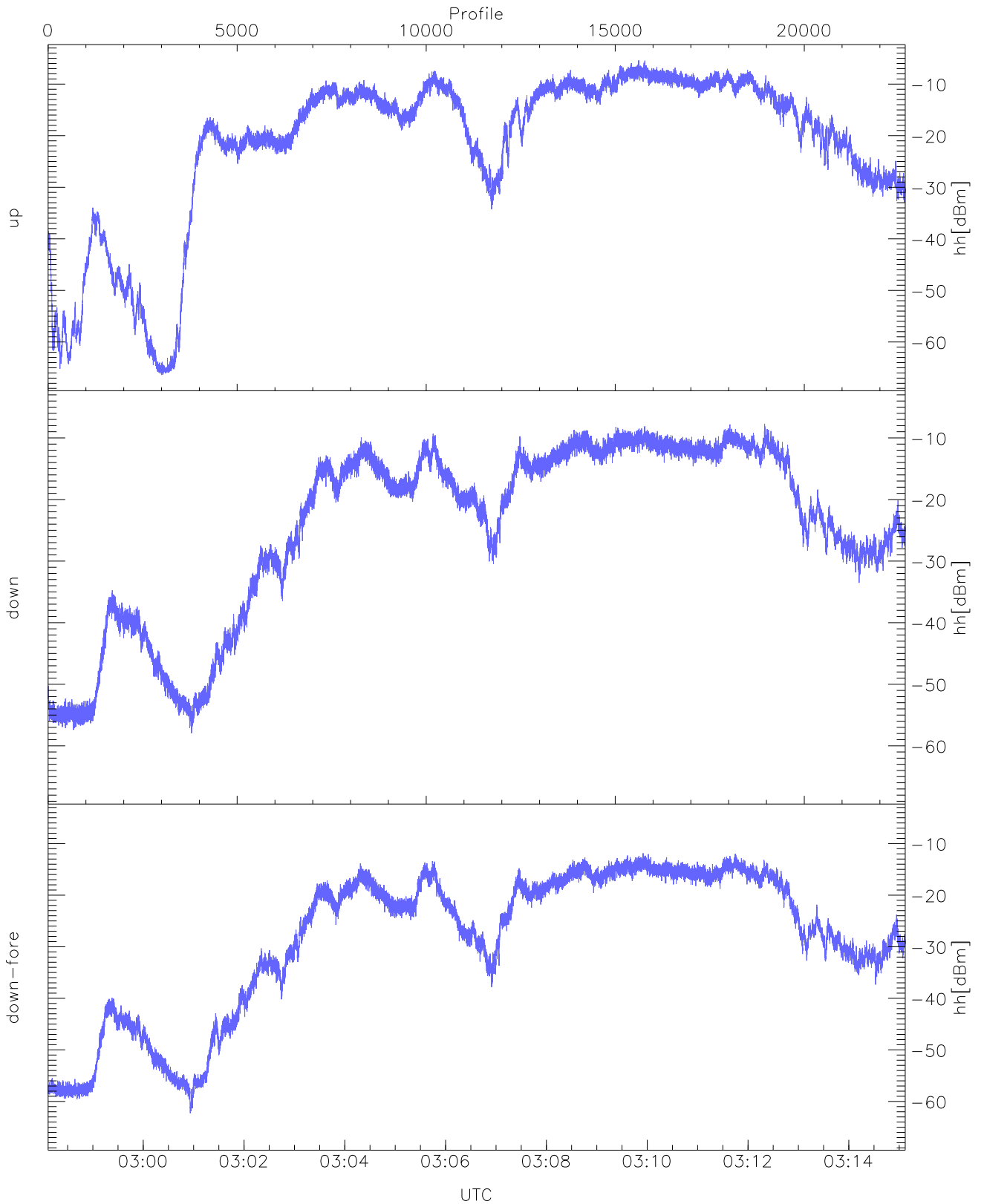
WCR3 CPP Averaged Received power for all recorded gates
blue: 025807-030637, 11337 profiles averaged
red: 030637-031507, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 025807-030637, 11337 profiles averaged
red: 030637-031507, 11336 profiles averaged

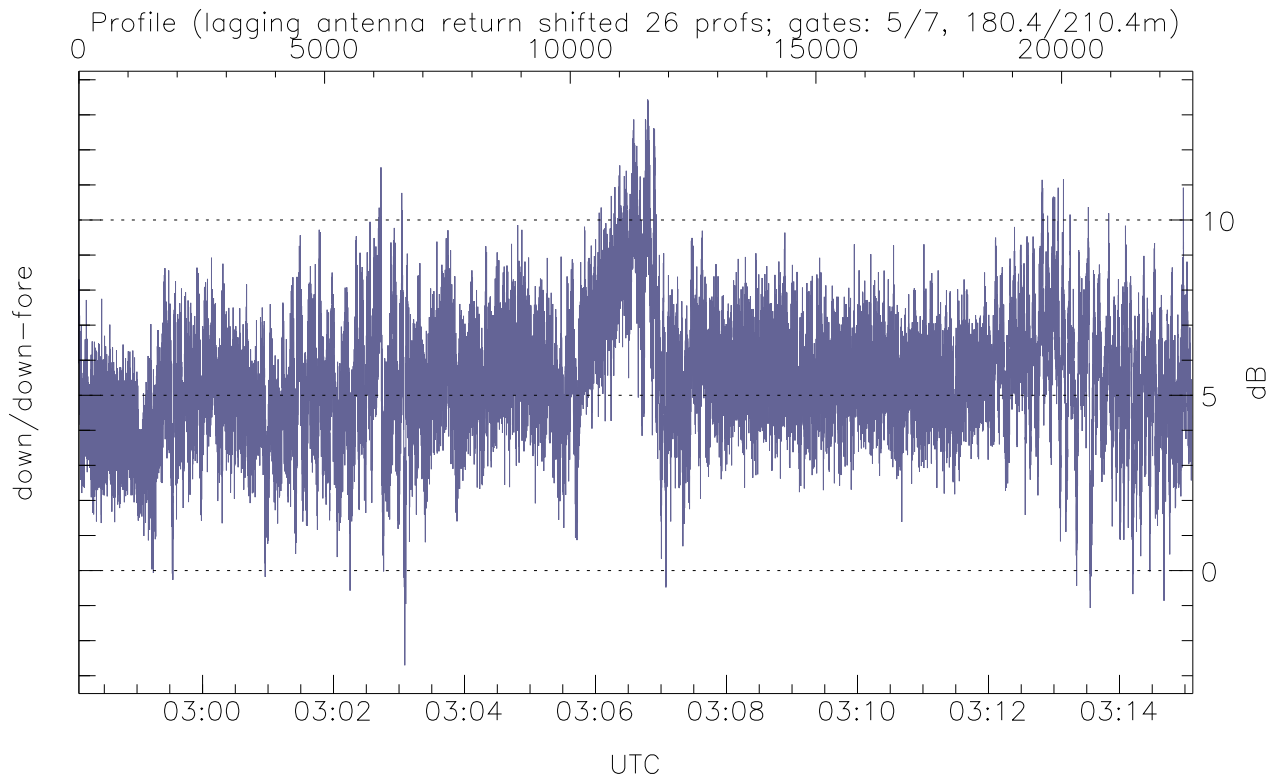
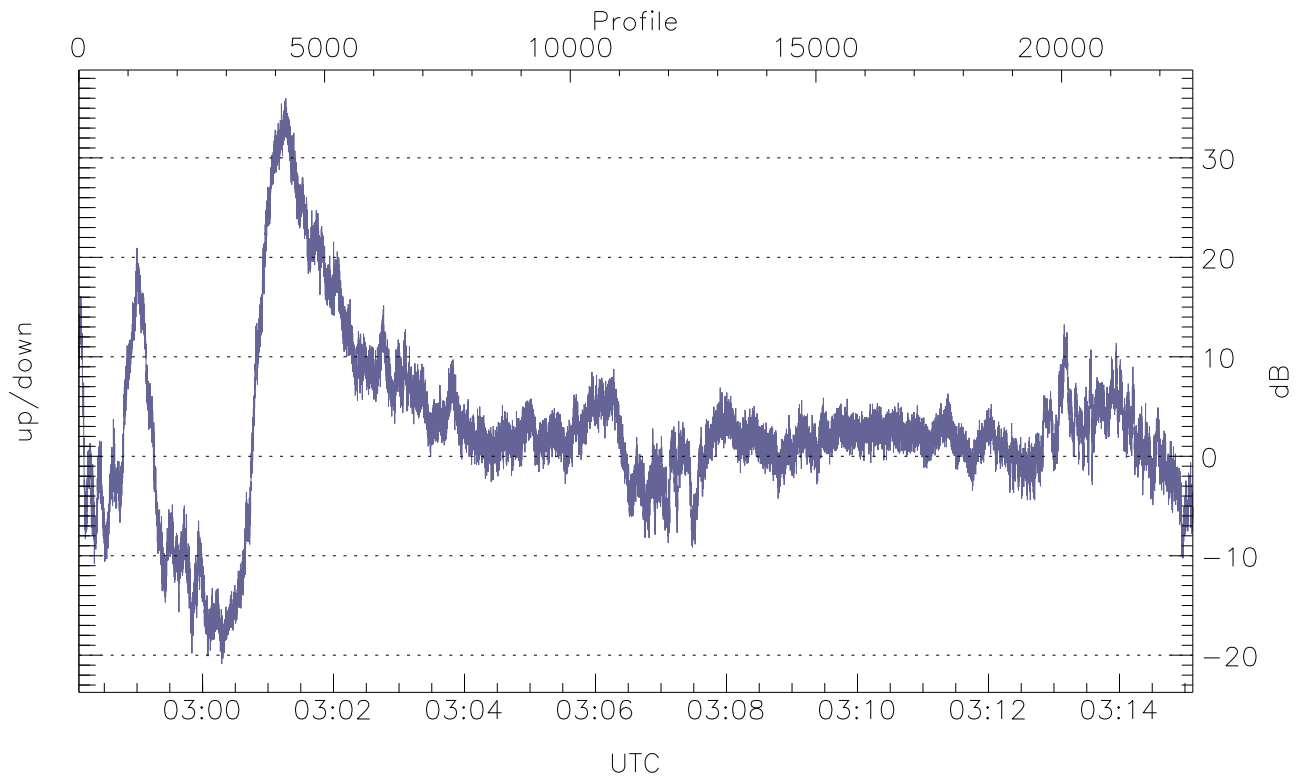


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



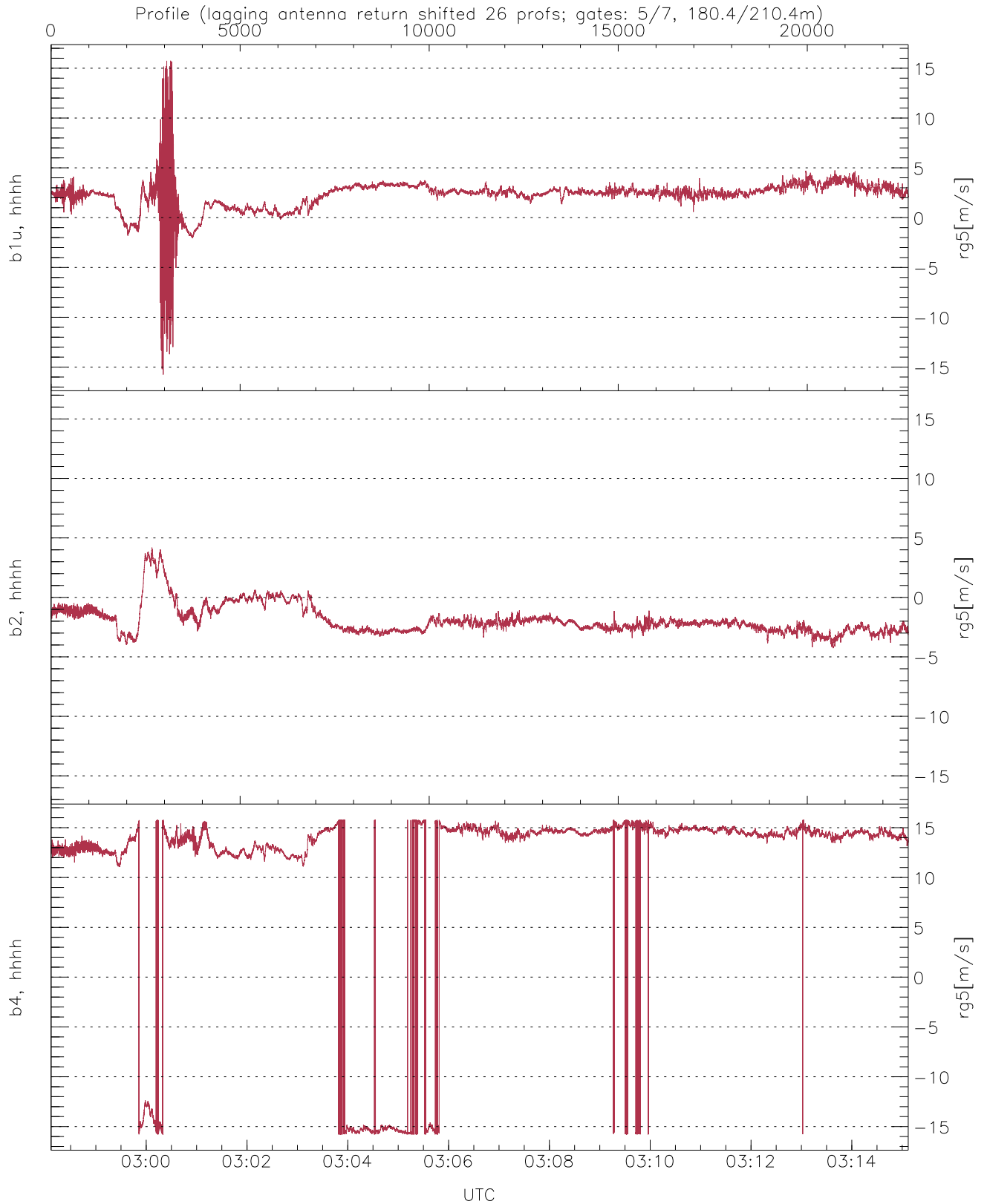
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.40	-5.39	-13.35
down(hh[dBm])	-57.90	-7.71	-15.32
down-fore(hh[dBm])	-62.27	-11.85	-19.54



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

	Min	Max	Mean
up/down (dB)	-20.89	35.99	2.67
down/down-fore (dB)	-2.70	13.44	5.49



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.74	15.75	2.25	1.38
b2, hhhh(rg5[m/s])	-4.26	4.19	-1.87	1.24
b4, hhhh(rg5[m/s])	-15.79	15.79	10.30	9.90