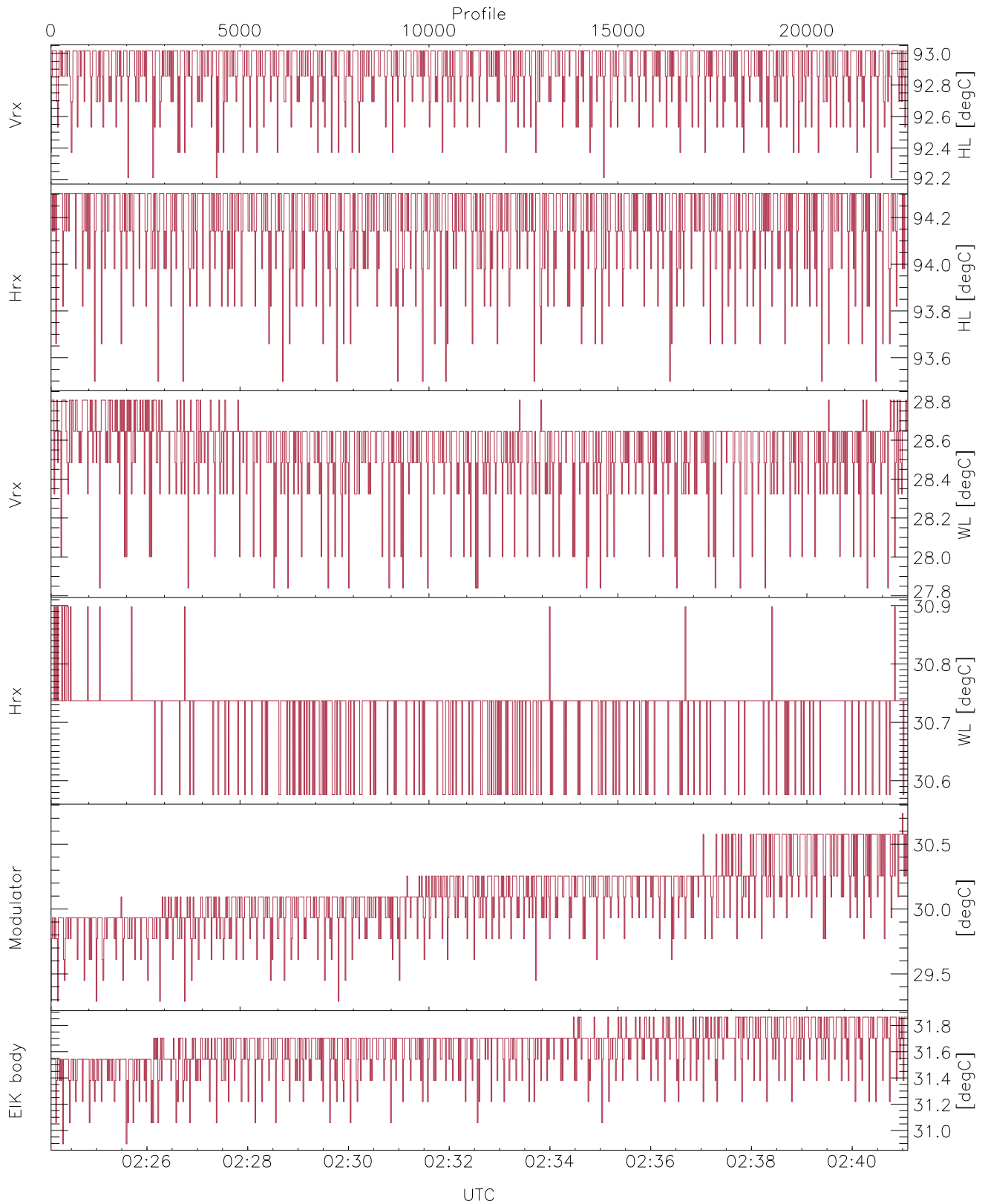


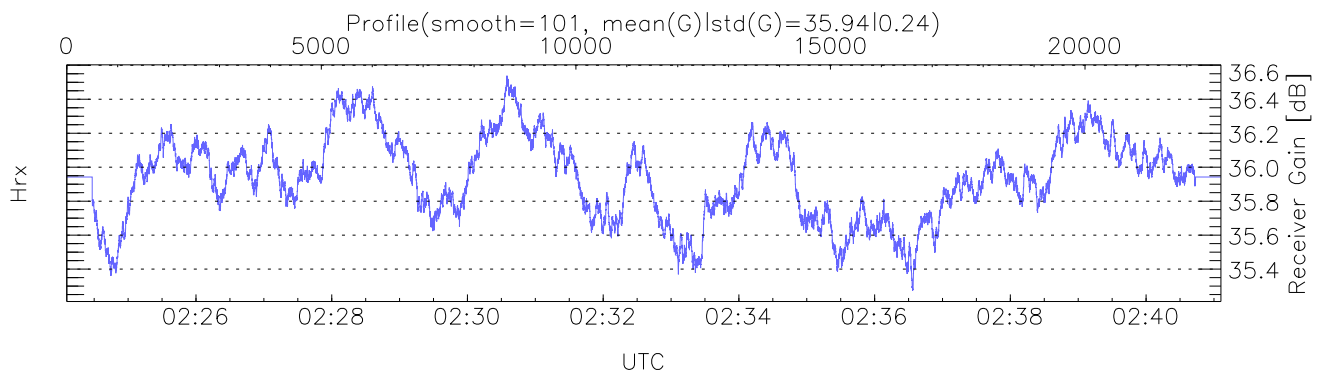
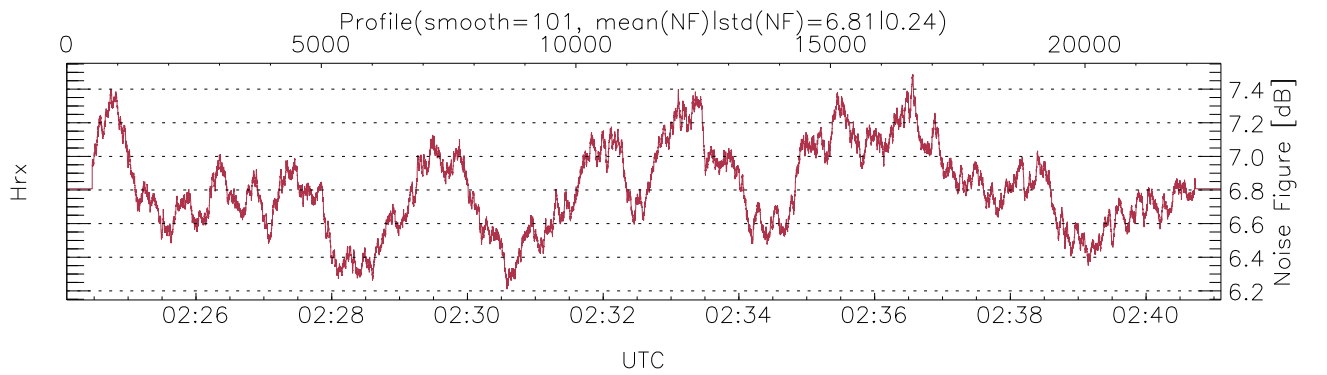
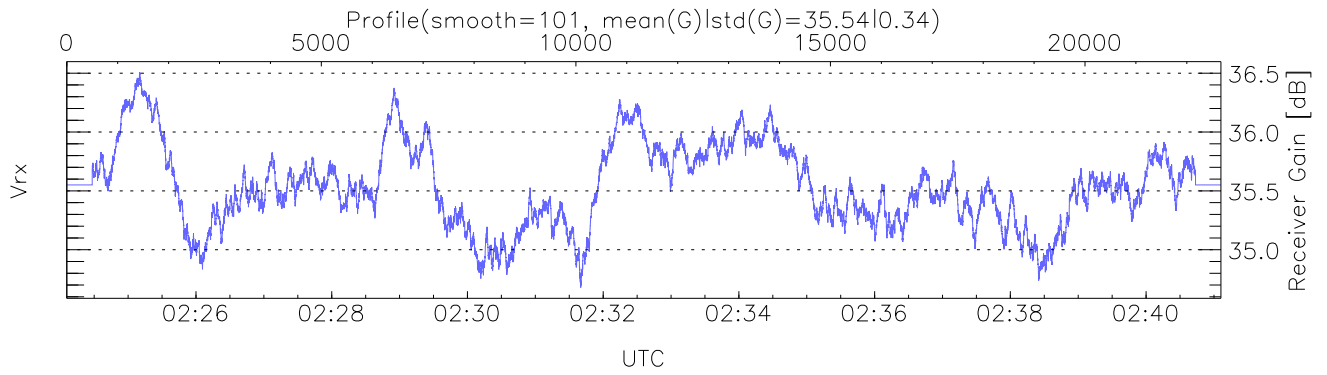
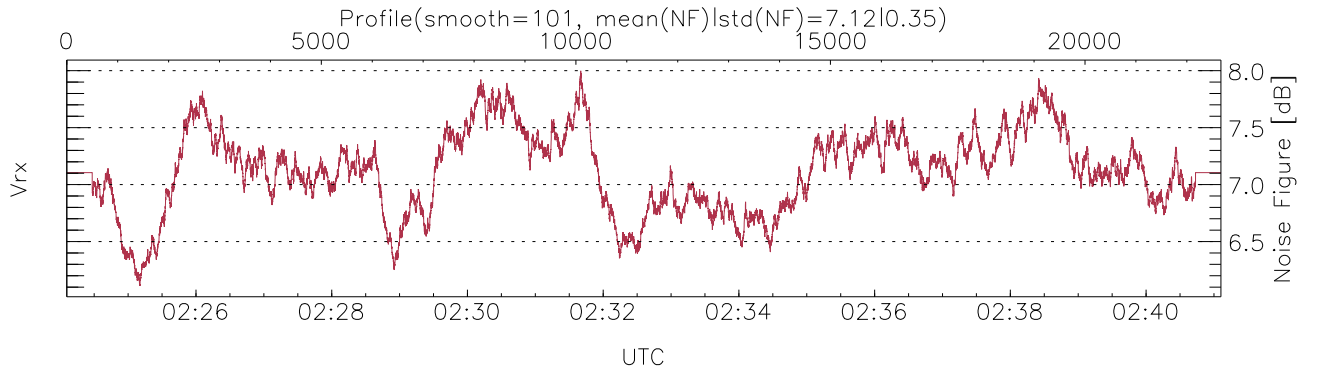
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 02:24:06-02:41:06, 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, 0-22671/02:24:06-02:41:06
 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



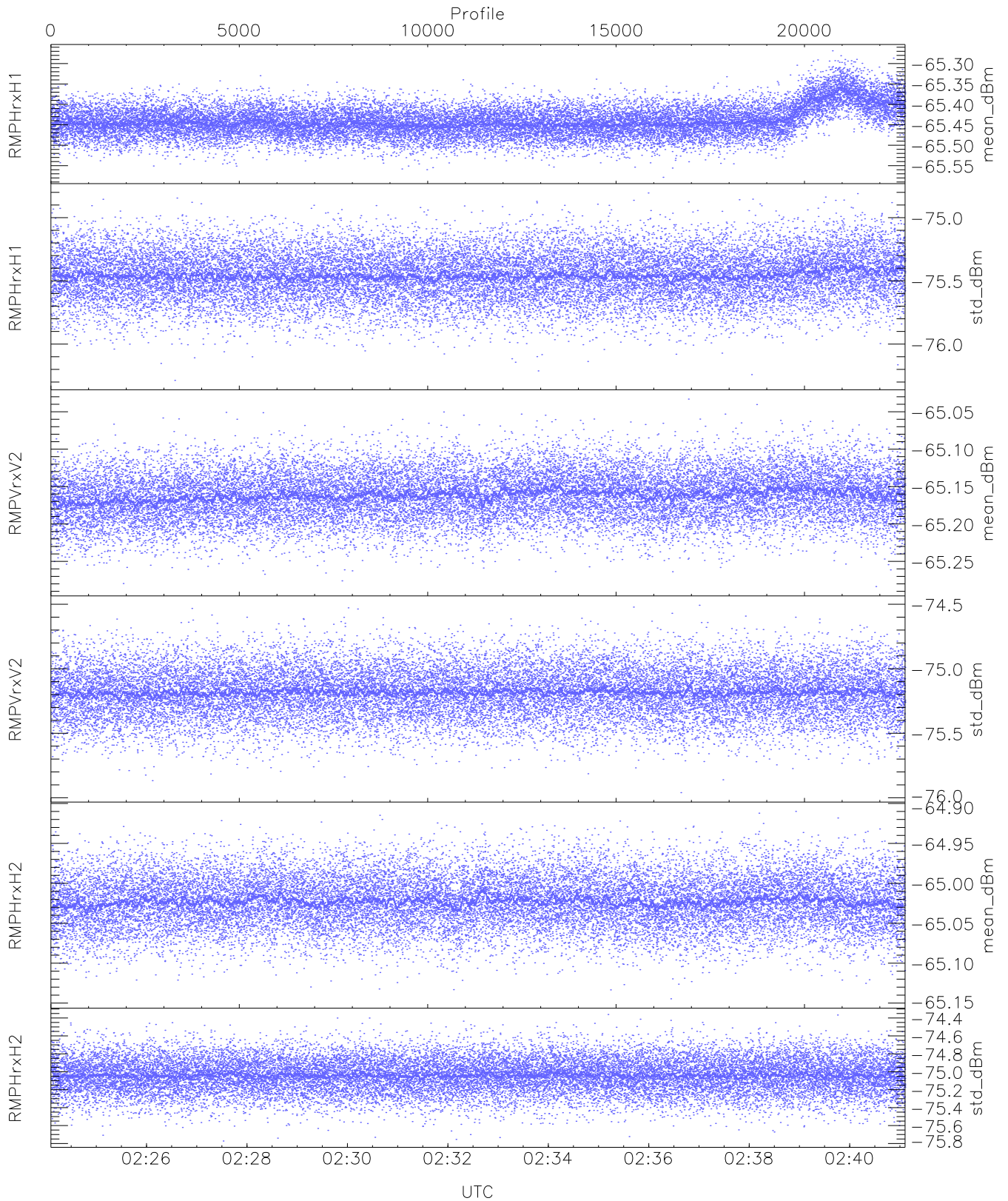
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,27,30,29,30
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,28,30,30,31
LOalarm(20,240,2817,14861 MHz): 0,0,24,0
EIK/Modulator Faults: None



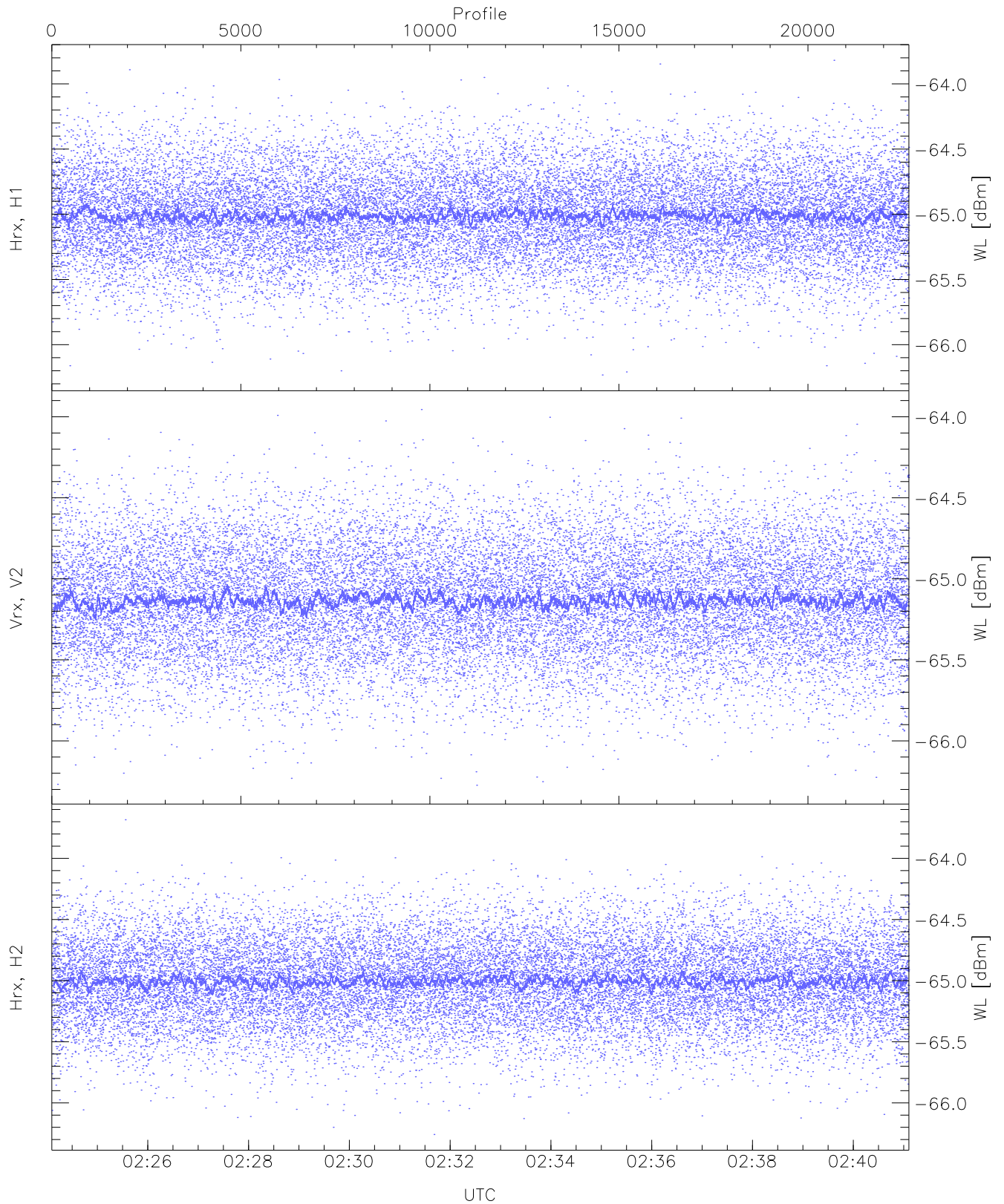
WCR3 CPP Receivers Gain and Noise Figure

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



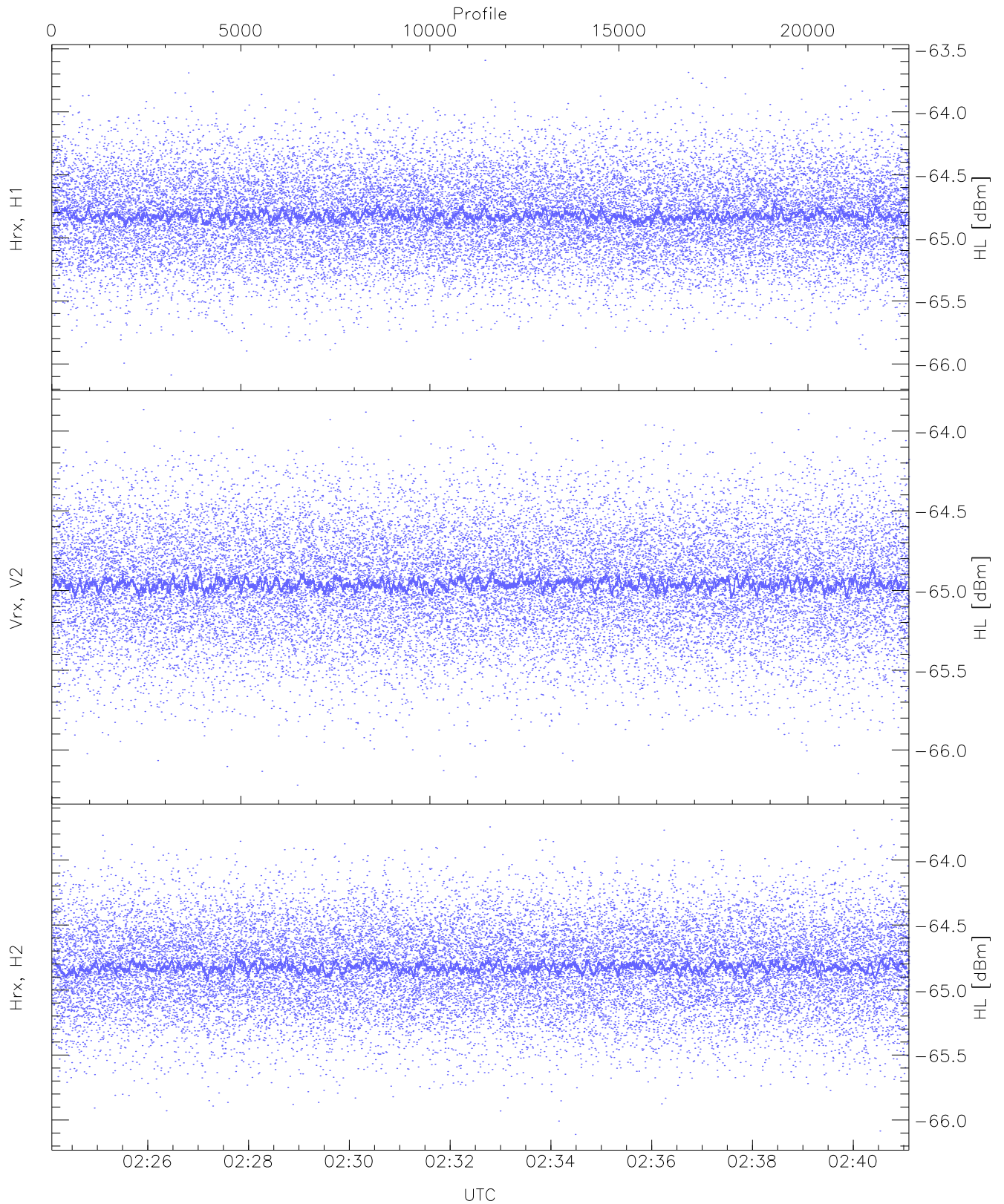
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.58	-65.27	-65.44	-65.44	-86.17
RMPHrxH1 (std_dBm)	-76.29	-74.81	-75.46	-75.46	-89.24
RMPVrxV2 (mean_dBm)	-65.28	-65.03	-65.16	-65.16	-86.73
RMPVrxV2 (std_dBm)	-75.96	-74.51	-75.18	-75.18	-89.02
RMPHrxH2 (mean_dBm)	-65.14	-64.91	-65.02	-65.02	-86.60
RMPHrxH2 (std_dBm)	-75.77	-74.36	-75.04	-75.04	-88.85



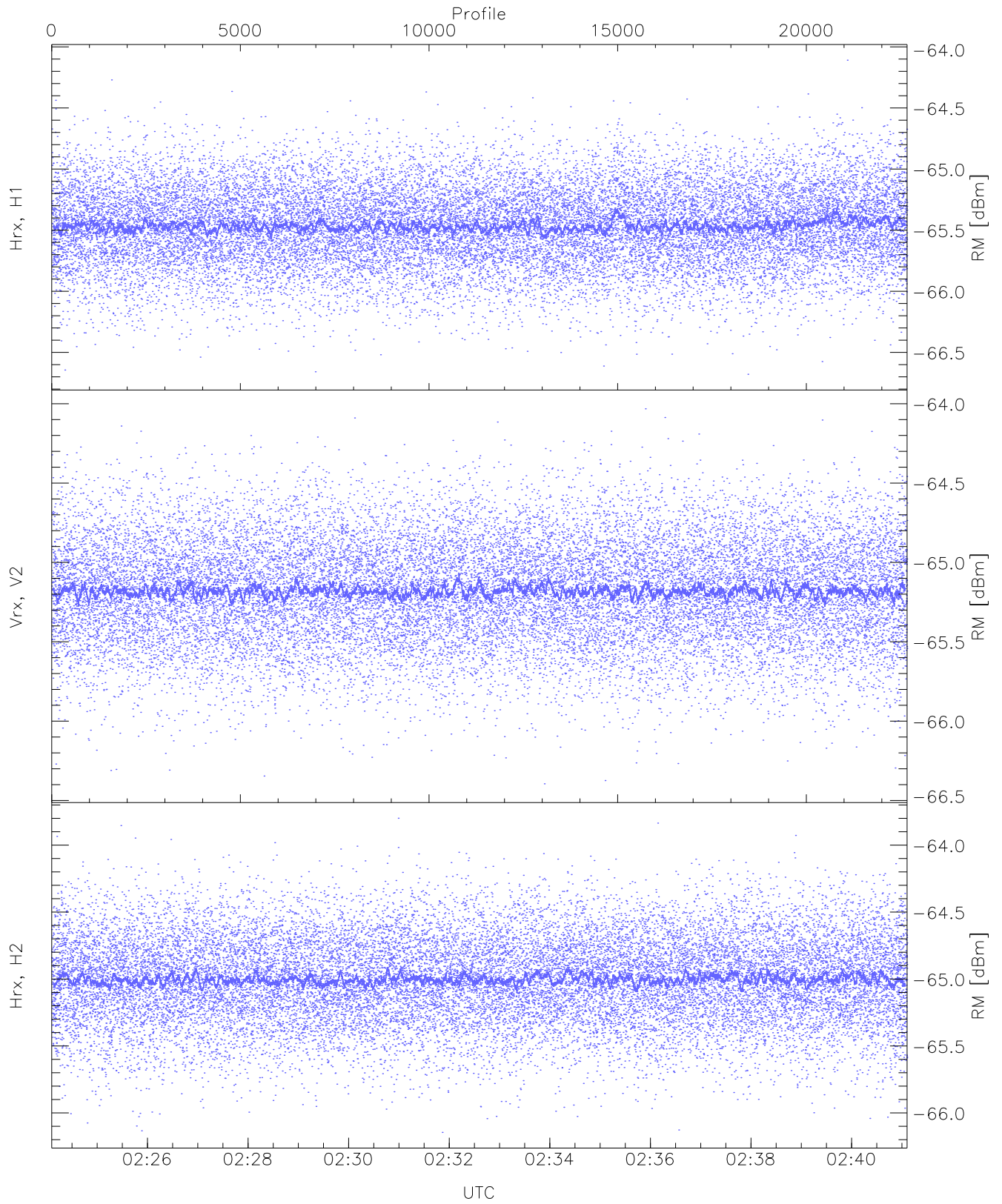
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.23	-63.82	-65.01	-65.01	-76.51
Vrx, V2 (WL [dBm])	-66.27	-63.96	-65.13	-65.14	-76.62
Hrx, H2 (WL [dBm])	-66.26	-63.68	-65.00	-65.00	-76.50



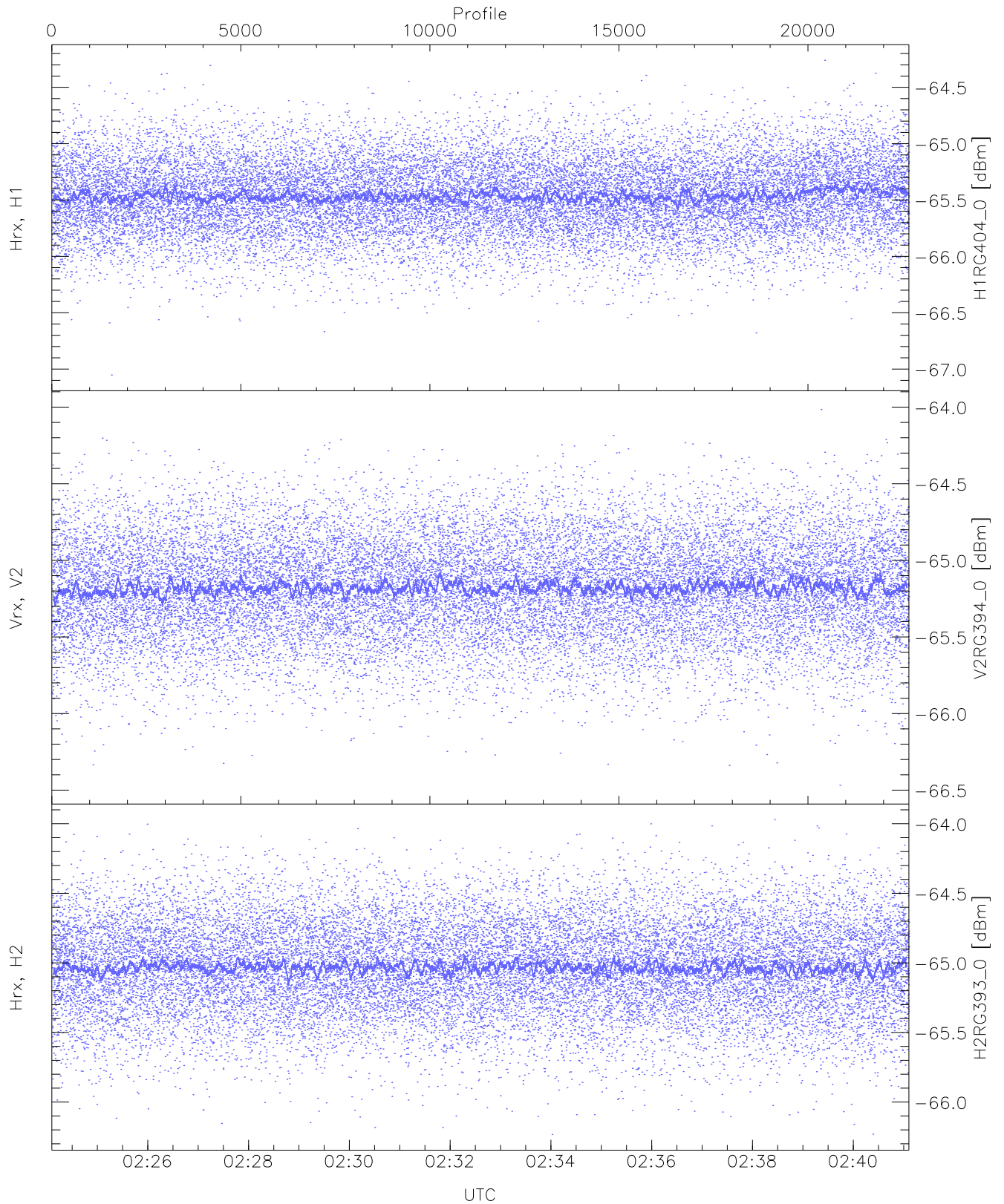
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.09	-63.59	-64.82	-64.82	-76.32
Vrx, V2 (HL [dBm])	-66.22	-63.86	-64.95	-64.96	-76.43
Hrx, H2 (HL [dBm])	-66.11	-63.69	-64.82	-64.82	-76.32



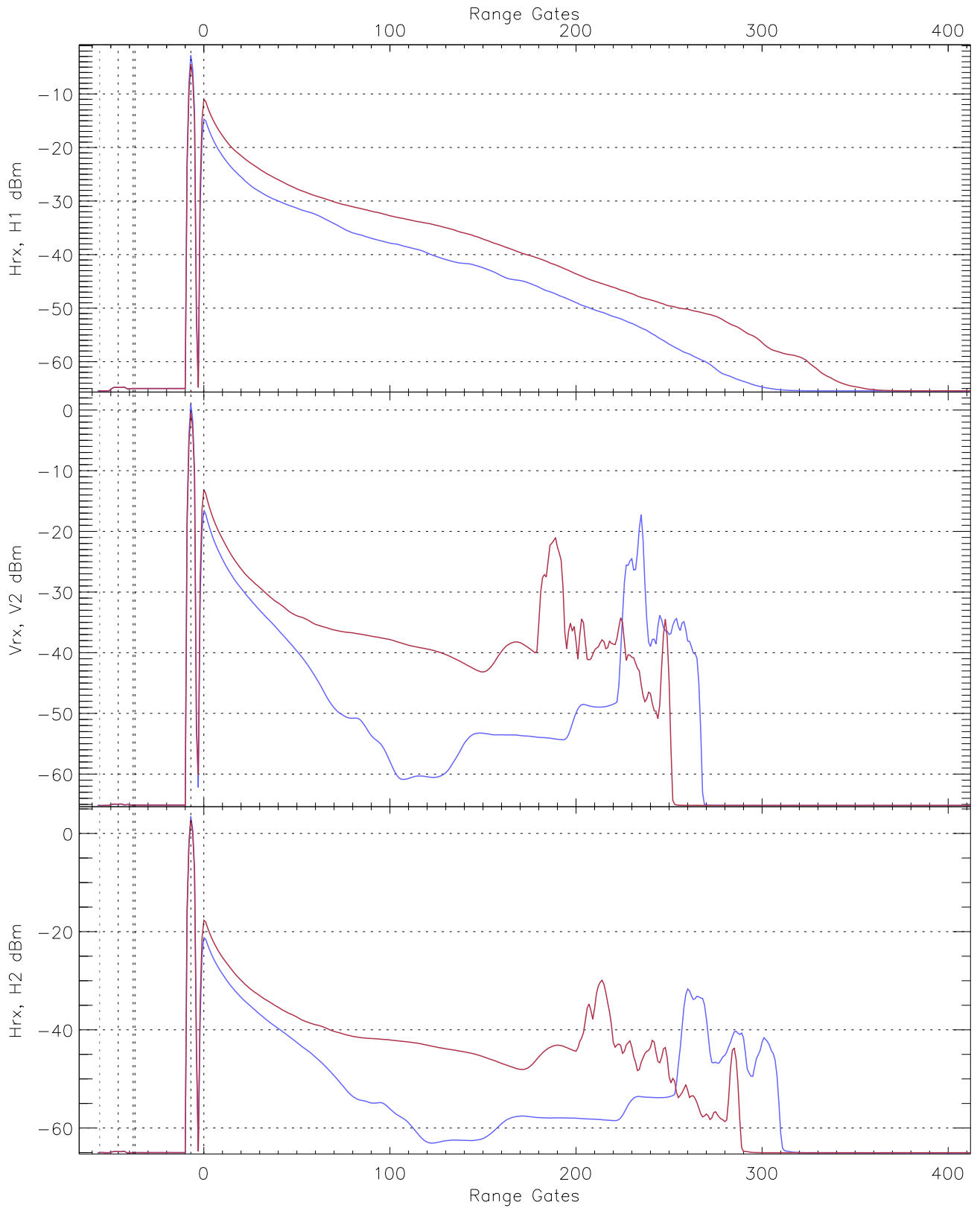
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.68	-64.11	-65.46	-65.46	-76.95
Vrx, V2 (RM [dBm])	-66.39	-64.03	-65.17	-65.18	-76.66
Hrx, H2 (RM [dBm])	-66.15	-63.80	-65.00	-65.01	-76.51

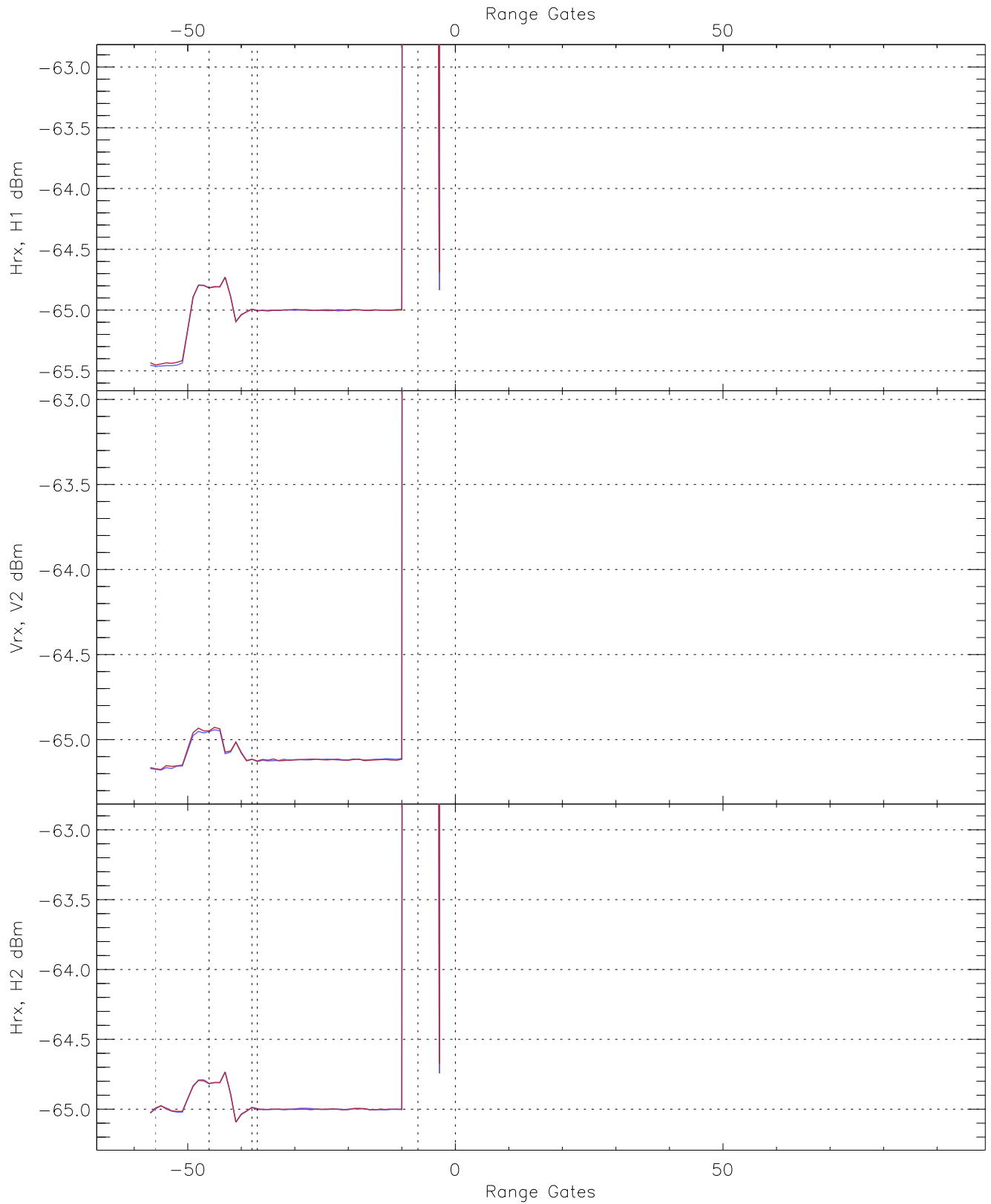


WCR3 CPP "Best" estimate Receivers Noise Power

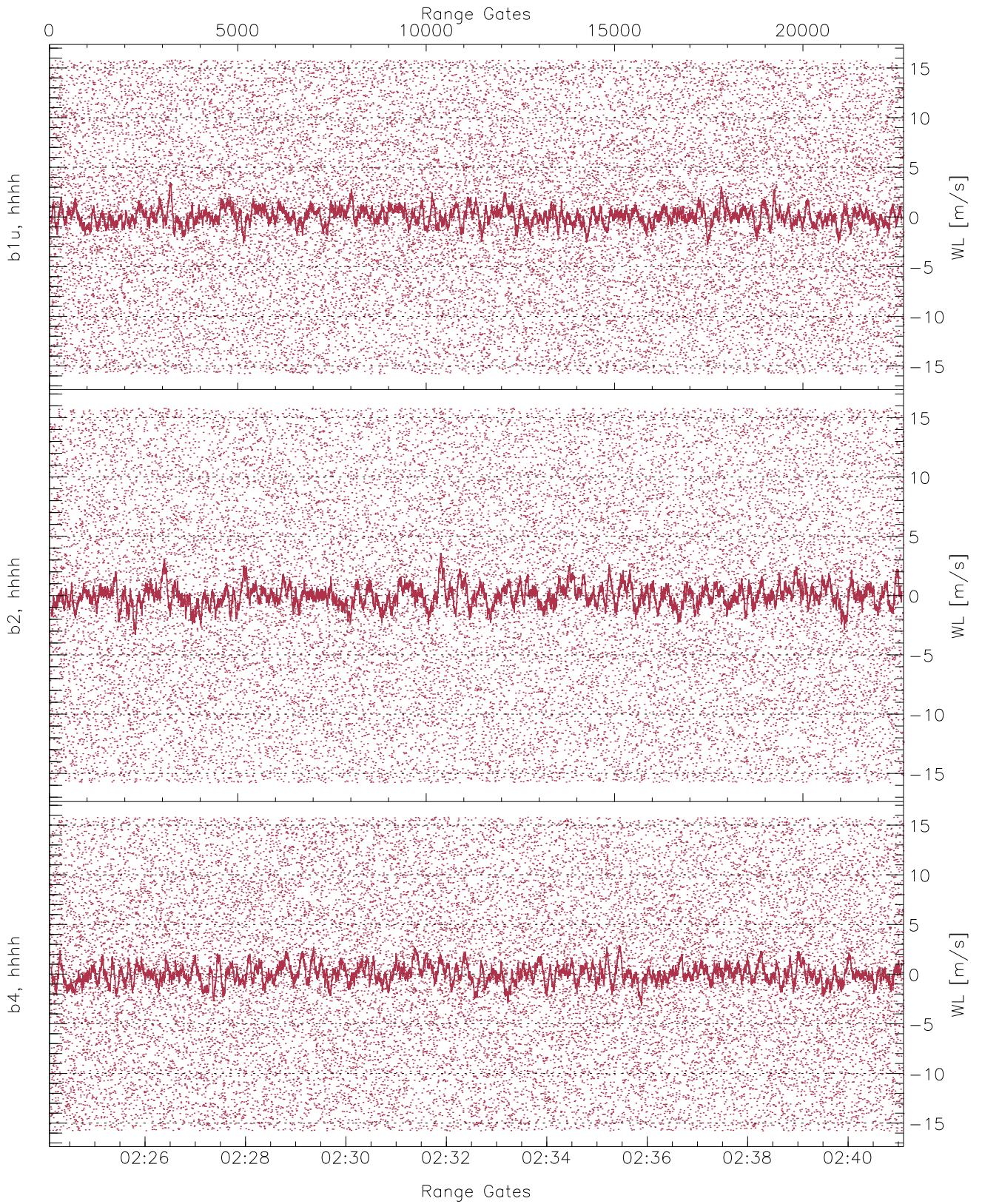
	Min	Max	Mean	Median	StDev
H1RG404_0 [dBm]	-67.05	-64.26	-65.46	-65.47	-76.96
V2RG394_0 [dBm]	-66.47	-64.02	-65.17	-65.18	-76.71
H2RG393_0 [dBm]	-66.23	-63.97	-65.03	-65.03	-76.50



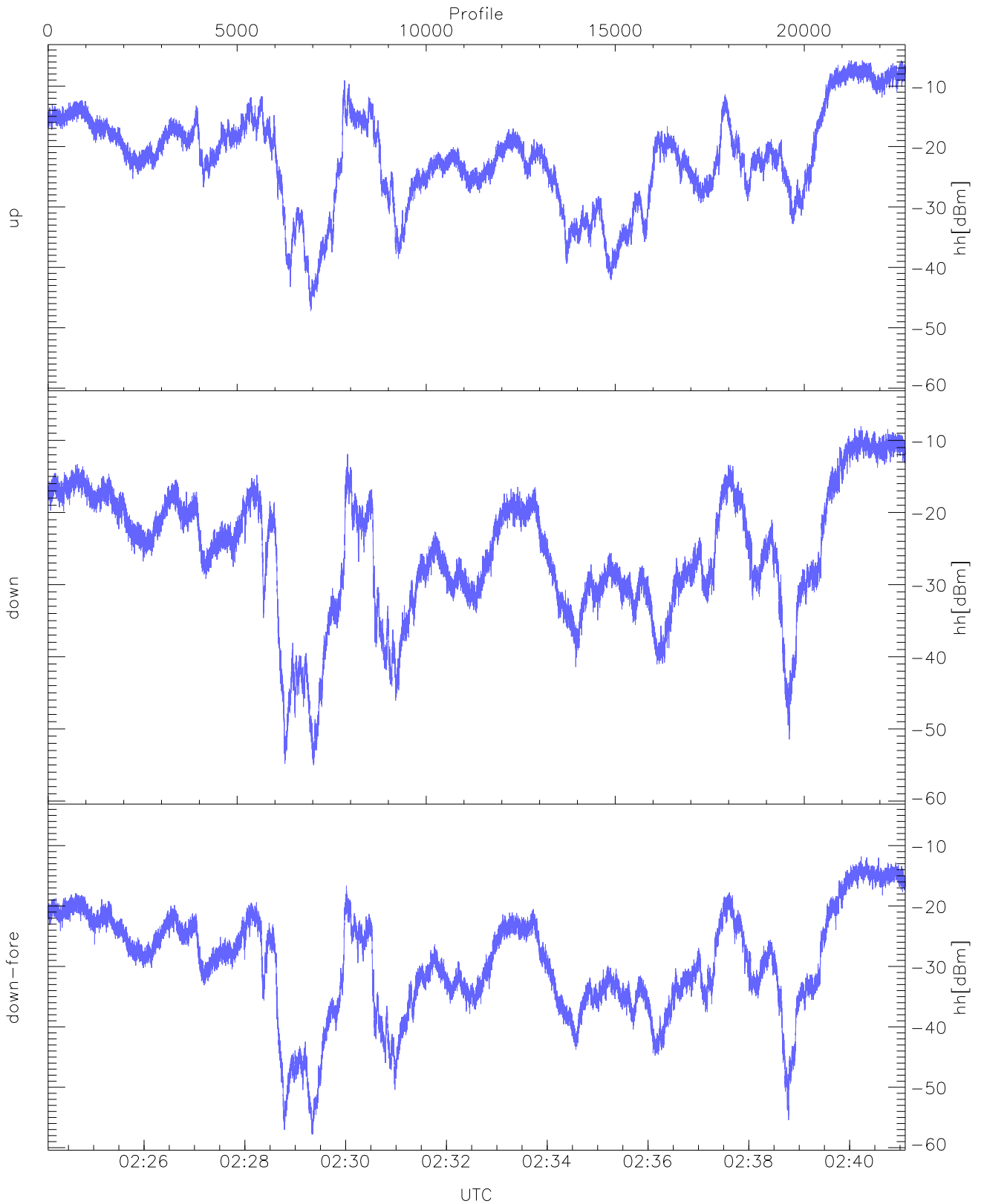
WCR3 CPP Averaged Received power for all recorded gates
blue: 022406-023236, 11337 profiles averaged
red: 023236-024106, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 022406-023236, 11337 profiles averaged
red: 023236-024106, 11336 profiles averaged

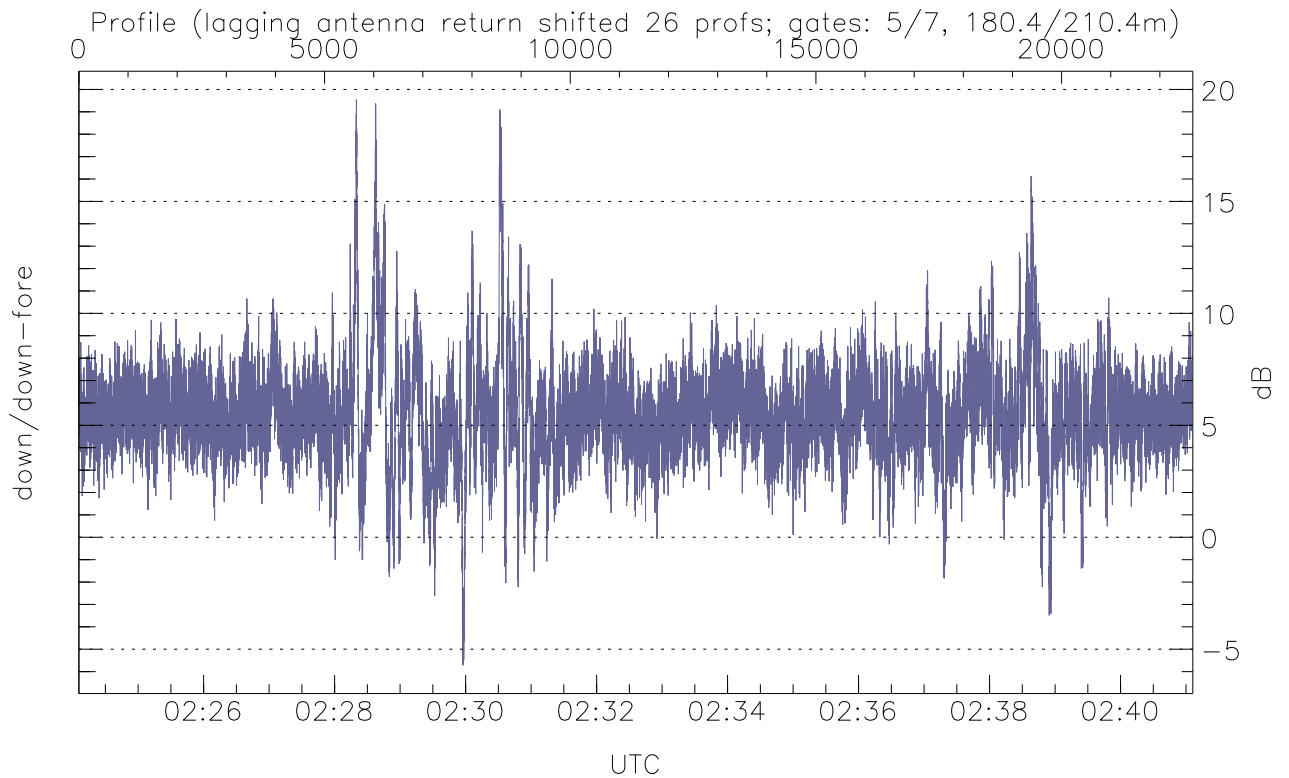
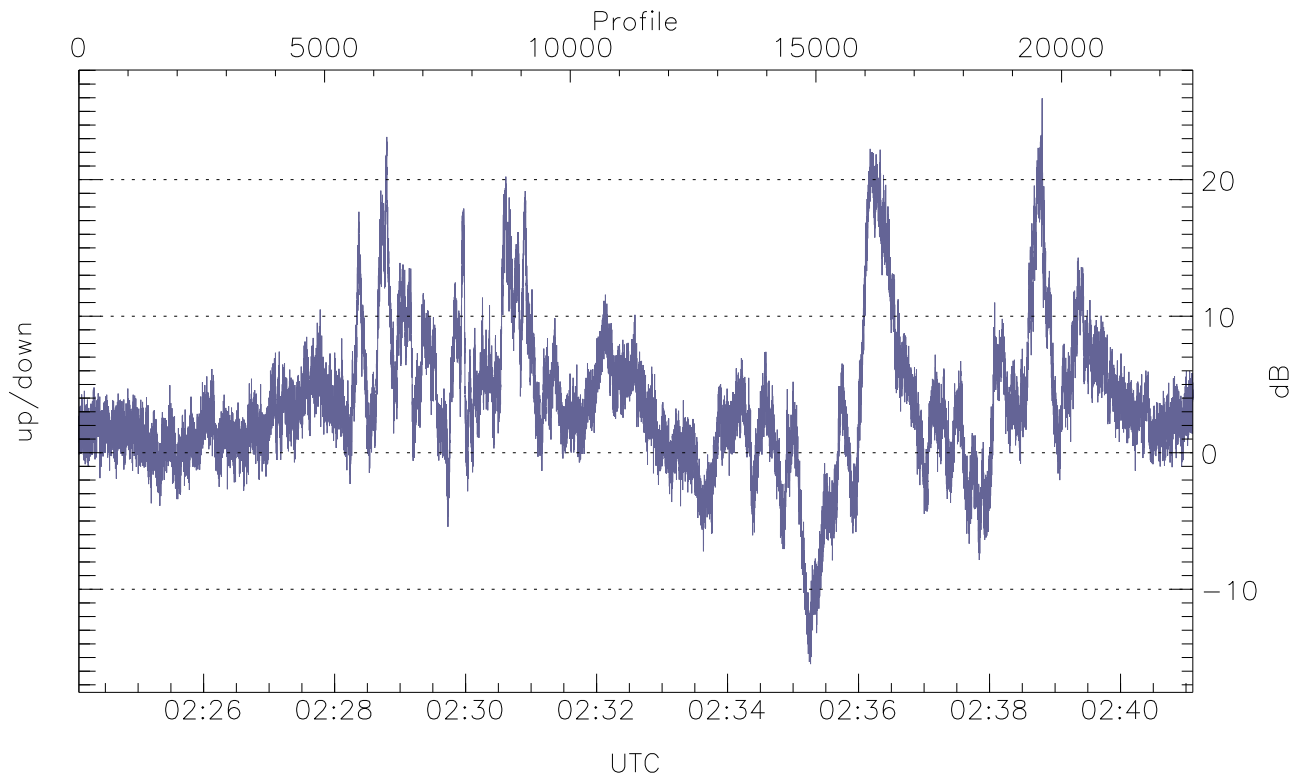


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



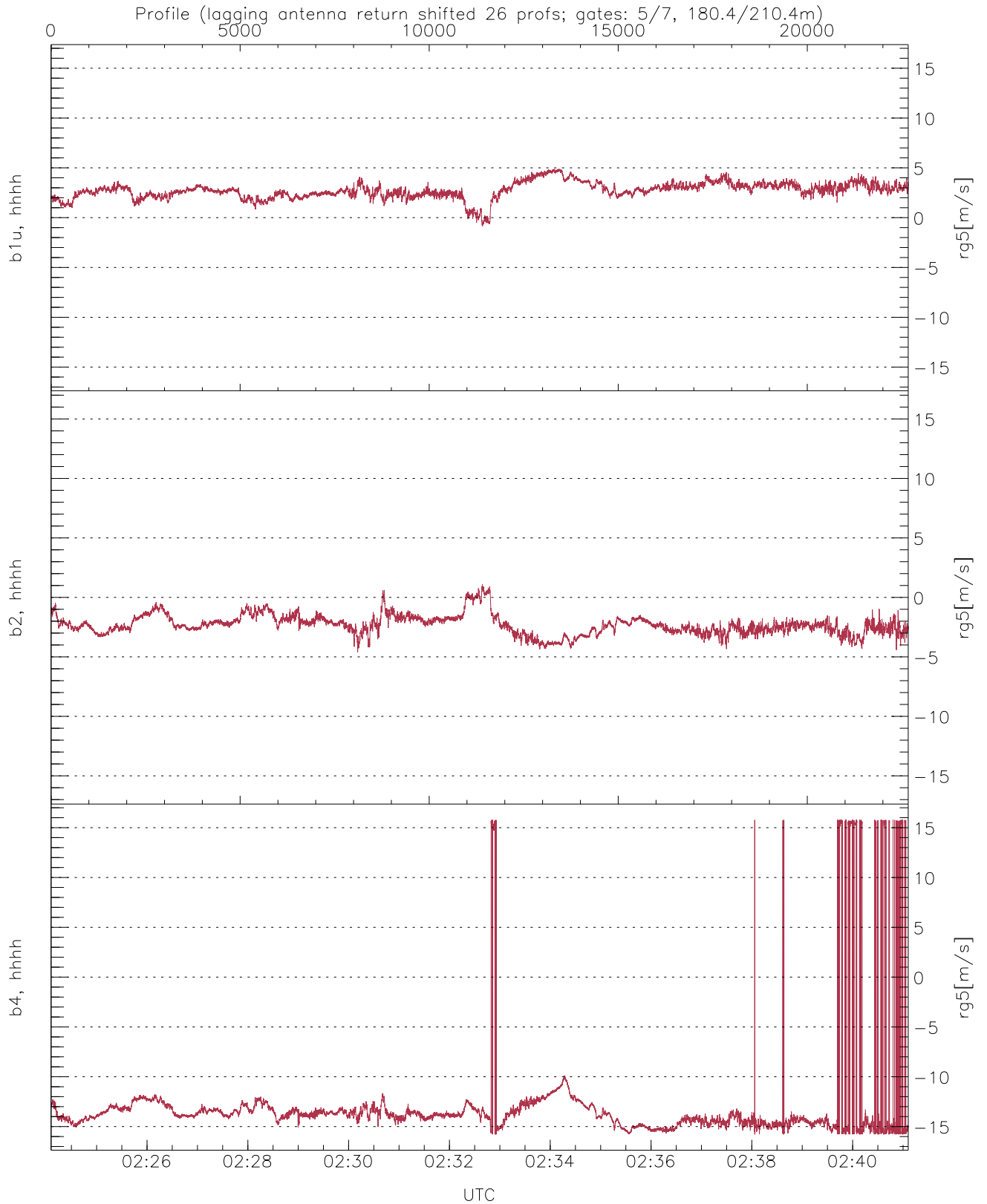
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-47.24	-5.72	-16.33
down(hh[dBm])	-55.05	-8.02	-19.20
down-fore(hh[dBm])	-57.81	-11.79	-23.30



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

	Min	Max	Mean
up/down (dB)	-15.48	25.96	3.58
down/down-fore (dB)	-5.72	19.55	5.52



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-0.87	4.92	2.73	0.83
b2, hhhh(rg5[m/s])	-4.60	1.08	-2.30	0.84
b4, hhhh(rg5[m/s])	-15.79	15.79	-13.06	4.85