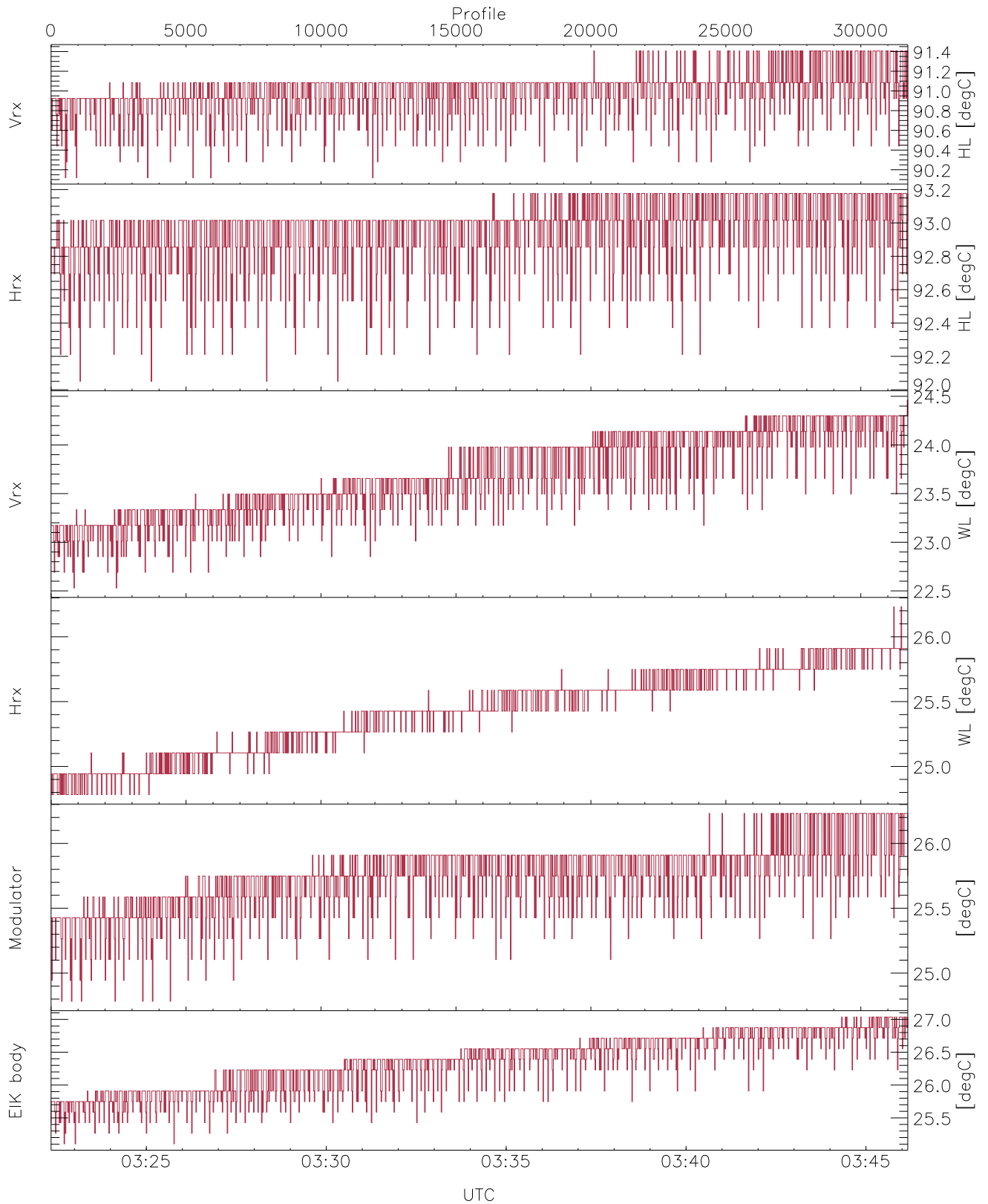


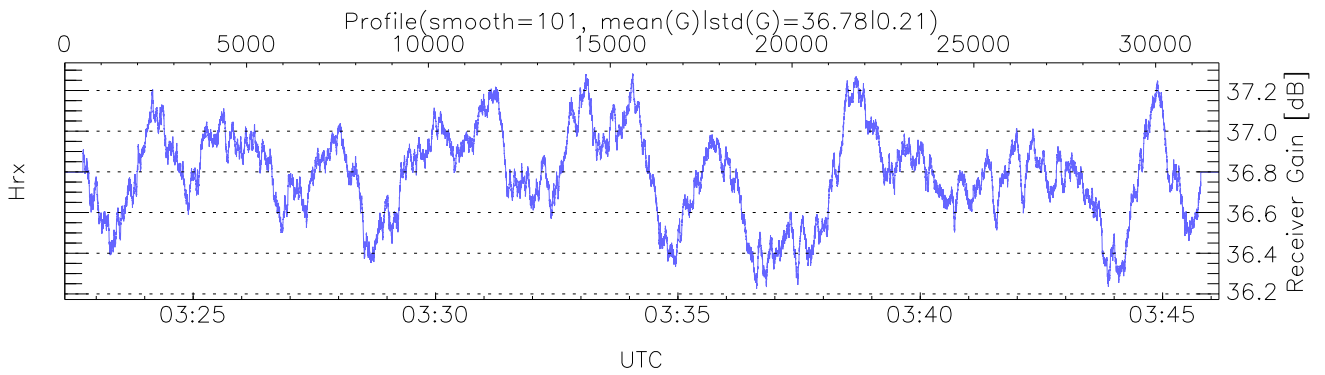
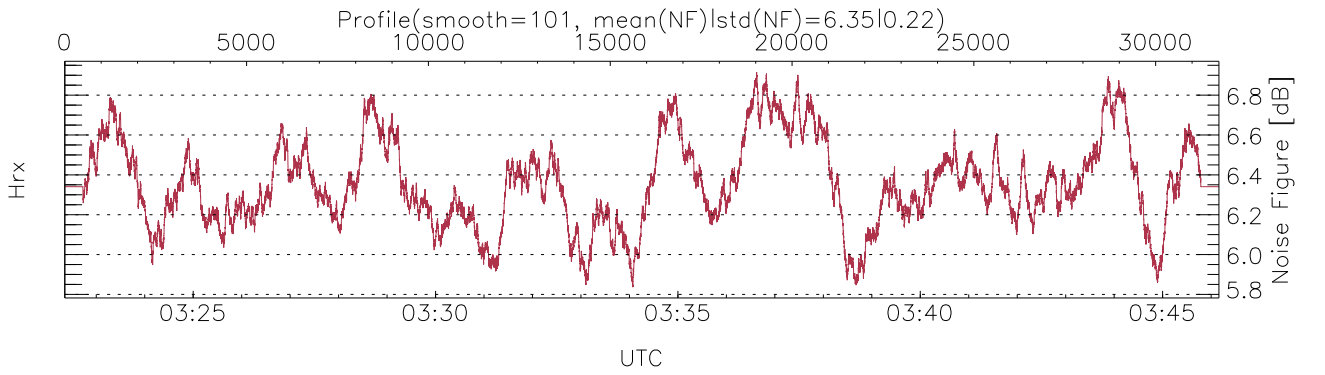
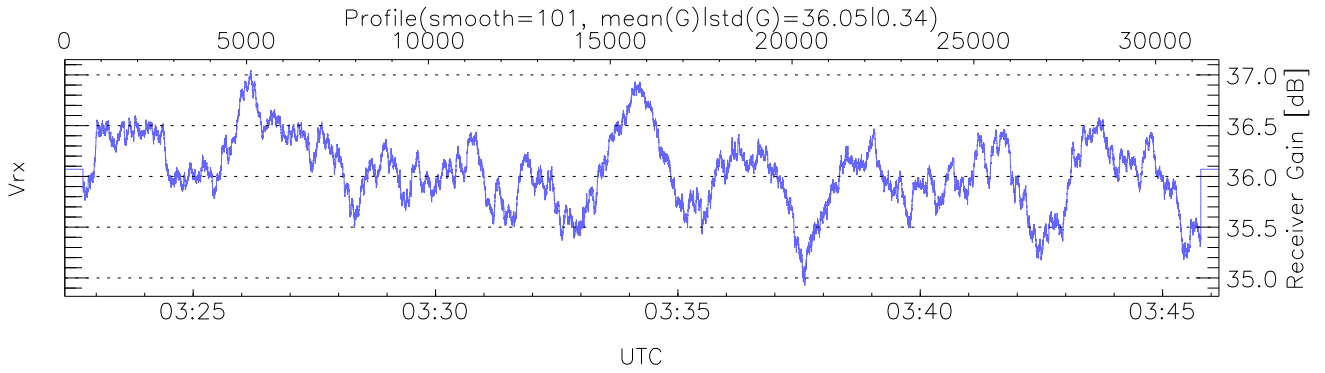
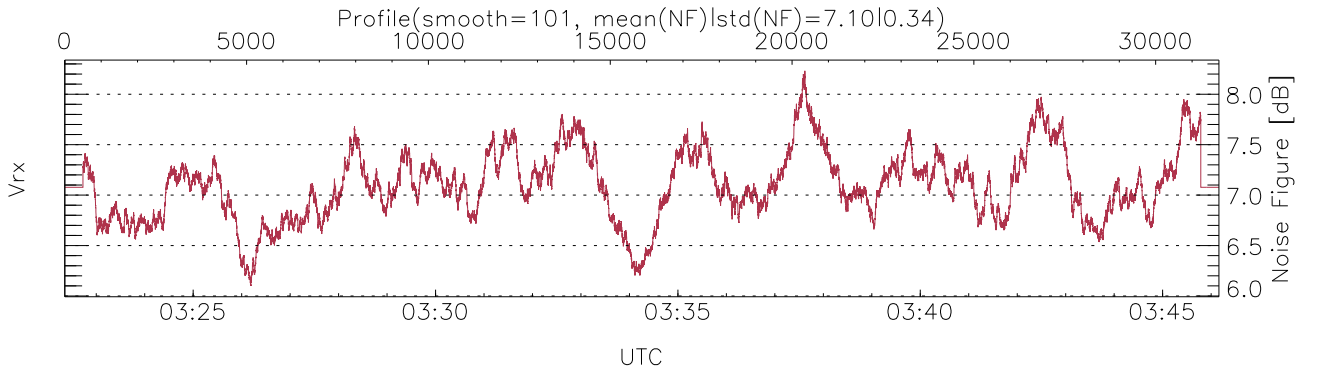
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 03:22:21-03:46:10, TimeCor: 0.00s, Dur: 1428.66s
 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): 31741/31741, 0-31740/03:22:21-03:46:10
 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



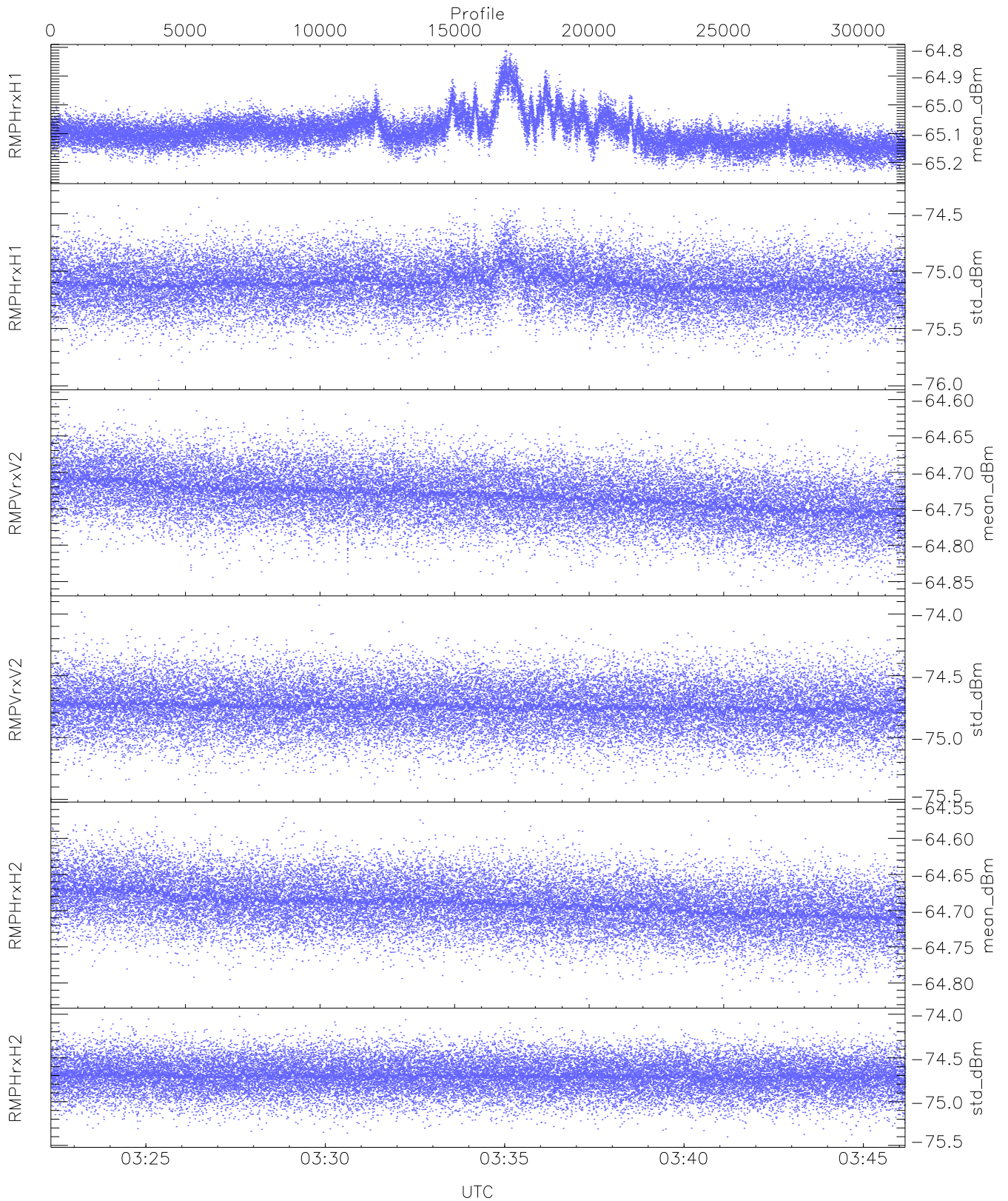
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,22,24,24,25`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,24,26,26,27`
`LOalarm(20,240,2817,14861 MHz): 0,0,24,0`
`EIK/Modulator Faults: None`



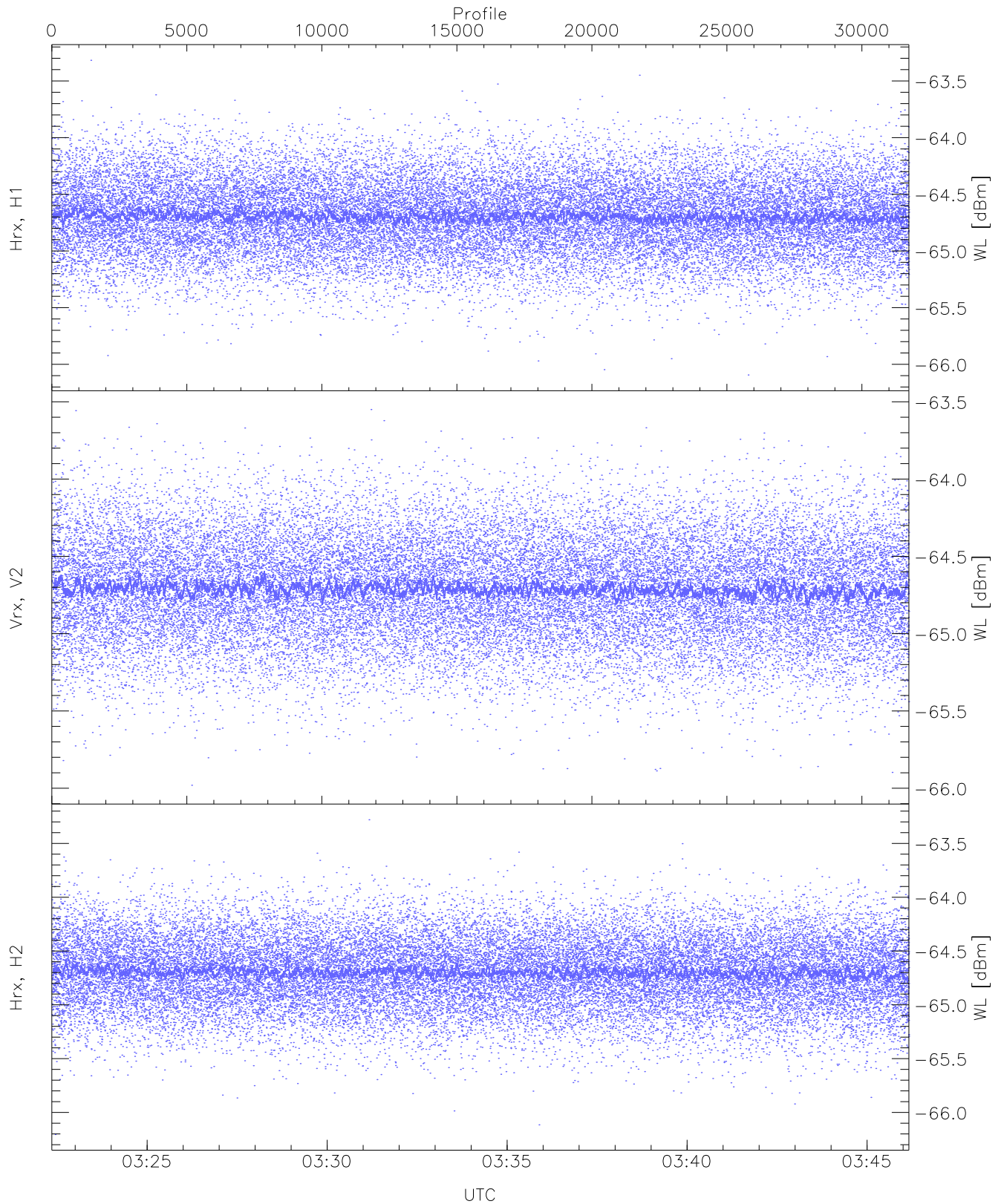
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 11 pixs, 3 gates, 11 profs, 1 prod(s)



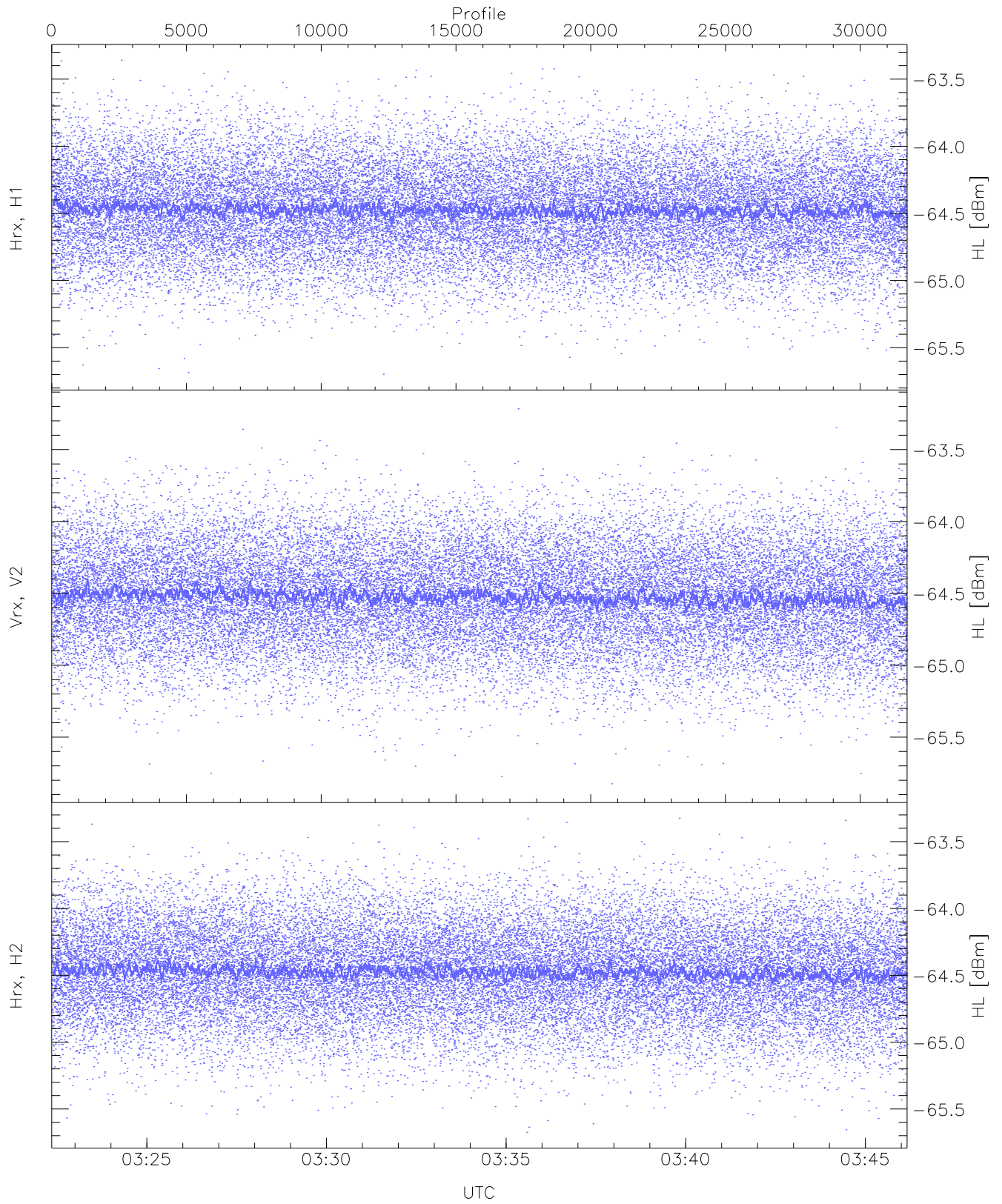
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.25	-64.81	-65.09	-65.10	-83.96
RMPHrxH1(std_dBm)	-75.95	-74.32	-75.11	-75.11	-88.77
RMPVrxV2(mean_dBm)	-64.86	-64.60	-64.73	-64.73	-85.92
RMPVrxV2(std_dBm)	-75.45	-73.93	-74.75	-74.75	-88.51
RMPHrxH2(mean_dBm)	-64.82	-64.56	-64.69	-64.69	-85.99
RMPHrxH2(std_dBm)	-75.45	-74.00	-74.71	-74.71	-88.47



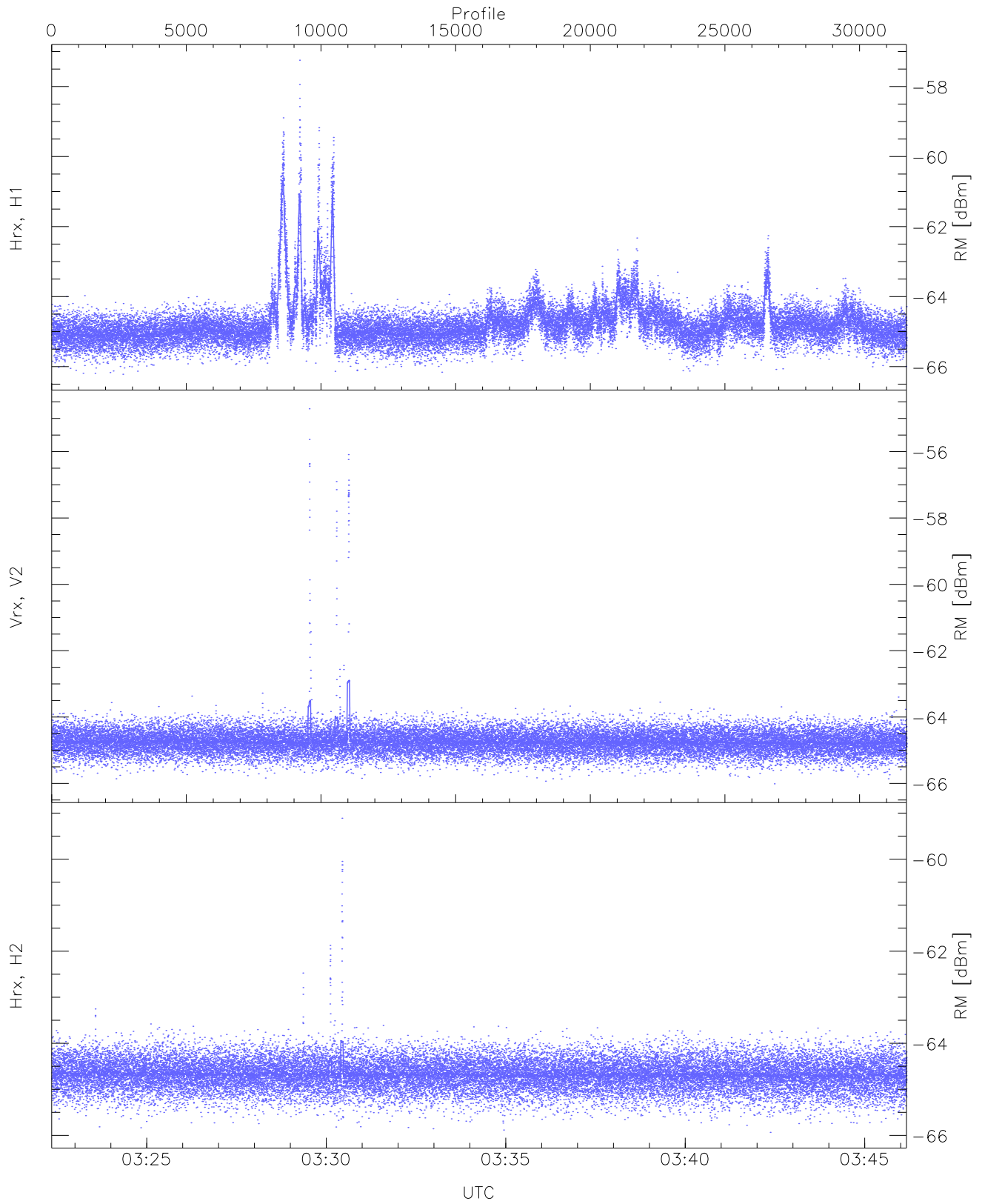
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.09	-63.32	-64.69	-64.70	-76.18
Vrx, V2 (WL [dBm])	-65.98	-63.55	-64.71	-64.71	-76.21
Hrx, H2 (WL [dBm])	-66.20	-63.28	-64.69	-64.70	-76.17



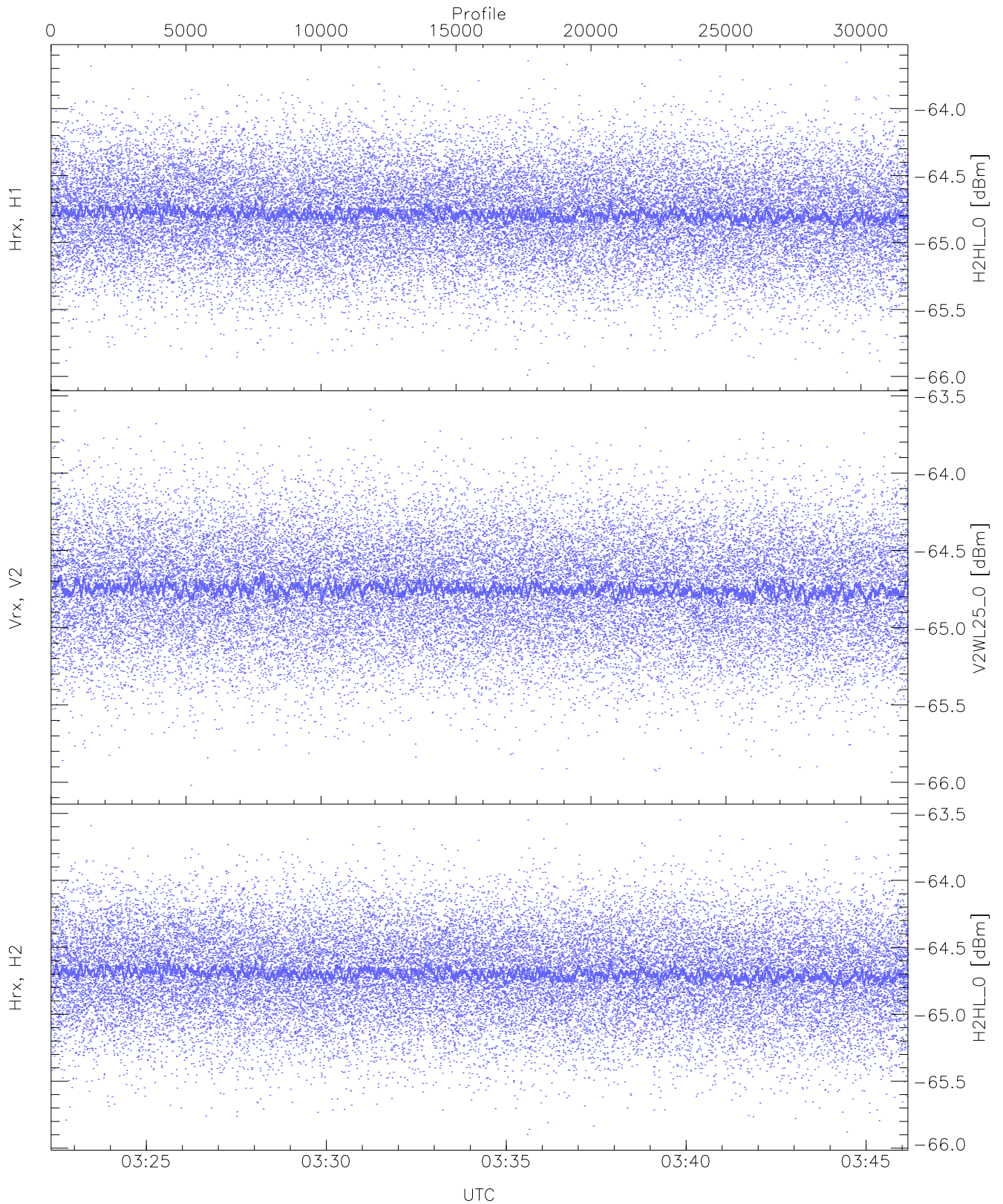
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.70	-63.36	-64.47	-64.48	-76.01
Vrx, V2 (HL [dBm])	-65.82	-63.22	-64.52	-64.53	-76.01
Hrx, H2 (HL [dBm])	-65.68	-63.33	-64.47	-64.48	-75.99



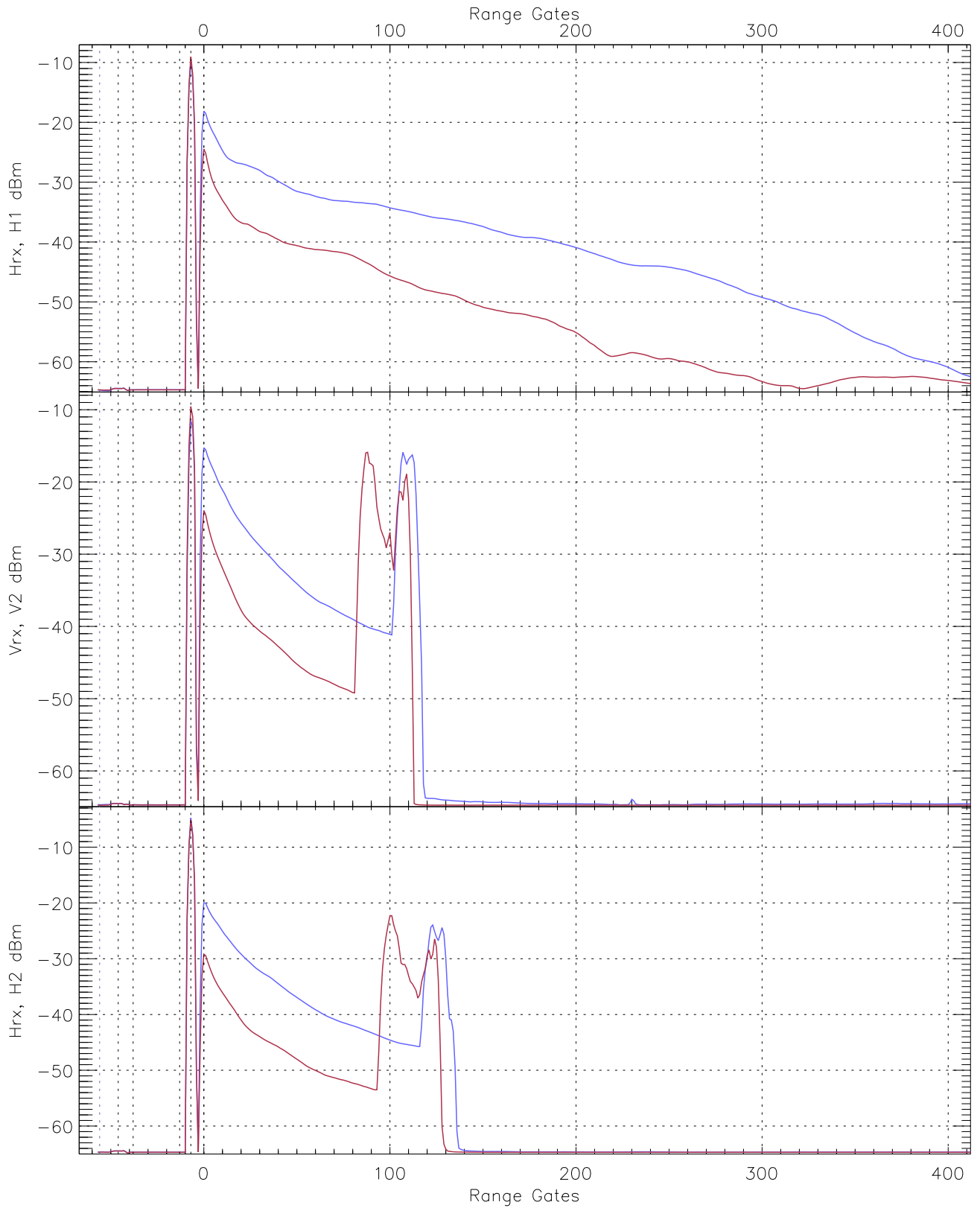
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.22	-57.25	-64.71	-64.87	-71.55
Vrx, V2(RM [dBm])	-66.01	-54.71	-64.72	-64.75	-72.06
Hrx, H2(RM [dBm])	-65.93	-59.11	-64.67	-64.68	-75.59

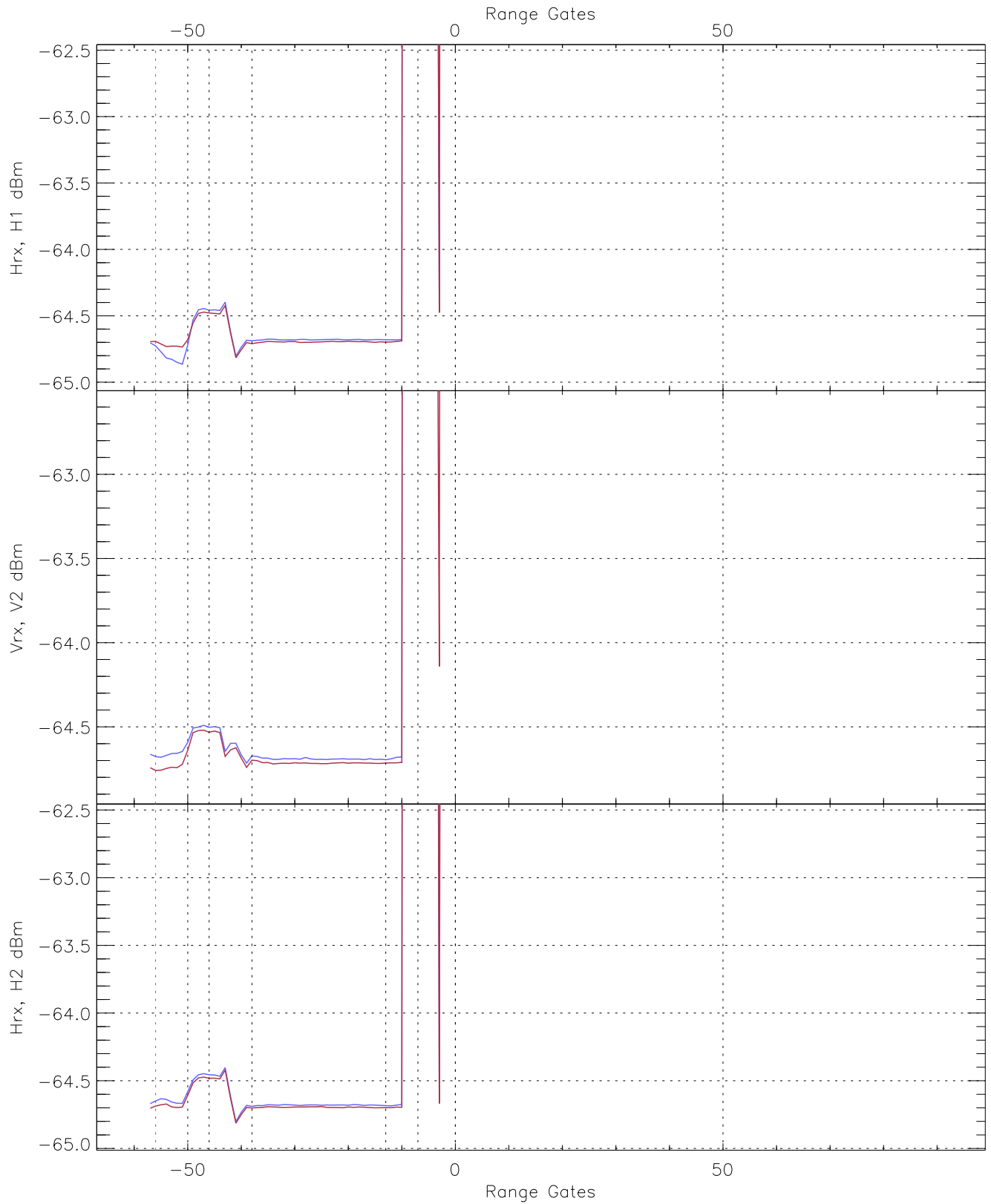


WCR3 CPP "Best" estimate Receivers Noise Power

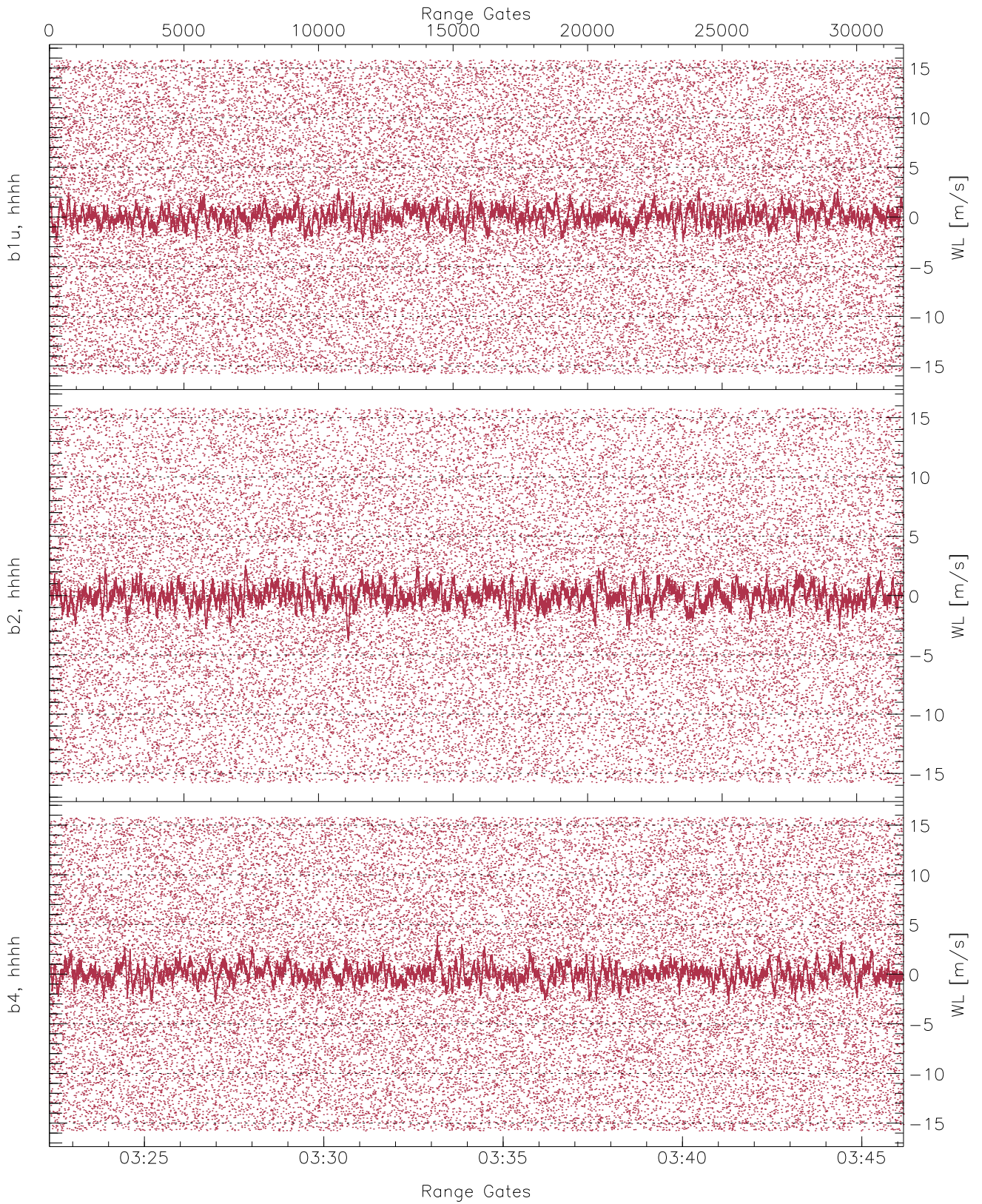
	Min	Max	Mean	Median	StDev
H2HL_0 [dBm]	-65.99	-63.64	-64.78	-64.79	-76.31
V2WL25_0 [dBm]	-66.02	-63.59	-64.74	-64.75	-76.25
H2HL_0 [dBm]	-65.90	-63.55	-64.69	-64.70	-76.22



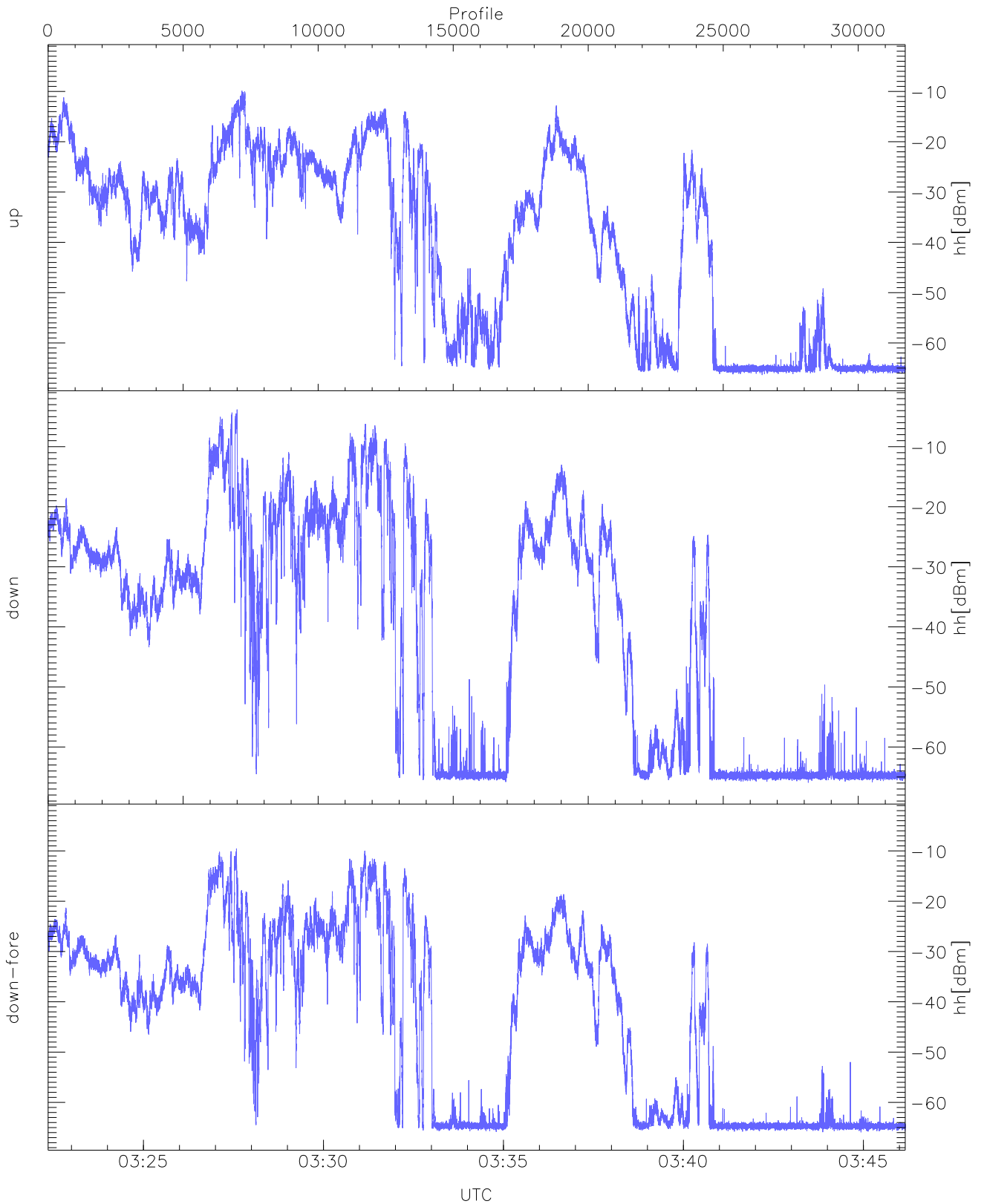
WCR3 CPP Averaged Received power for all recorded gates
blue: 032221-033415, 15871 profiles averaged
red: 033415-034610, 15871 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 032221-033415, 15871 profiles averaged
red: 033415-034610, 15871 profiles averaged

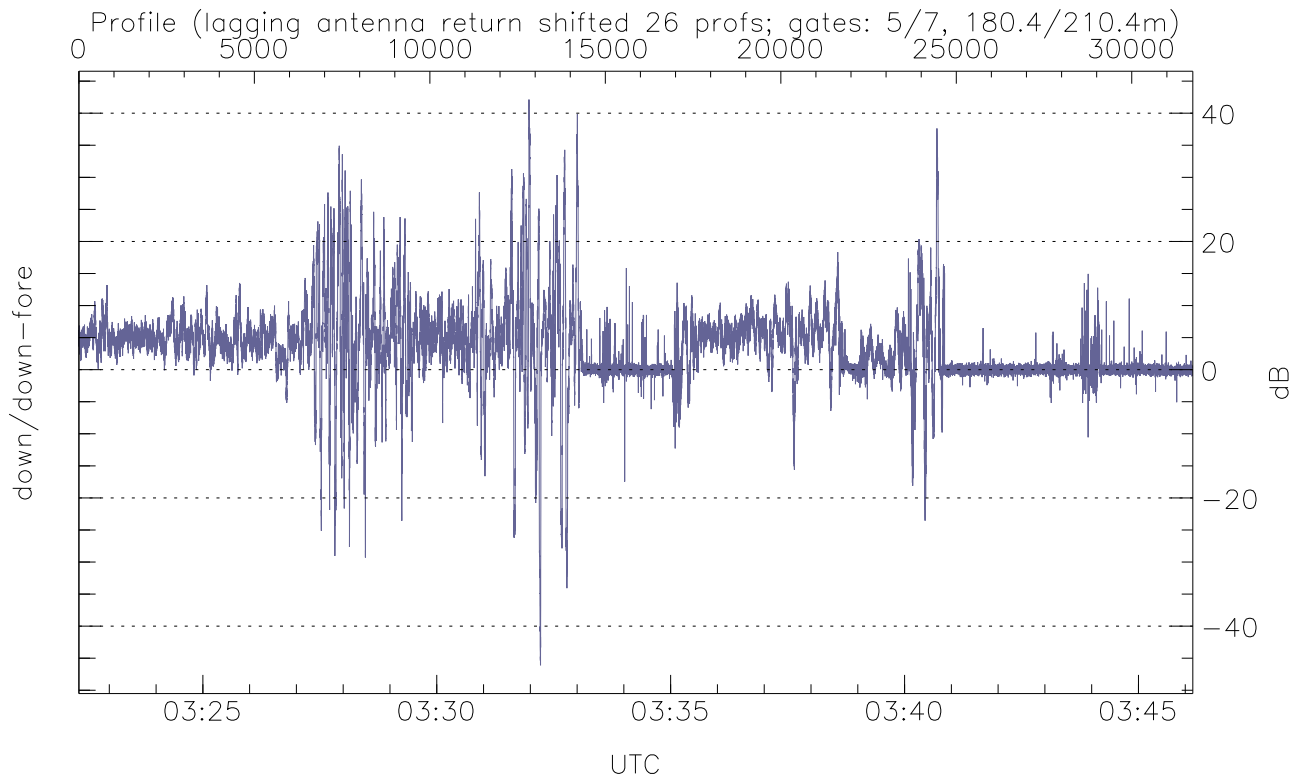
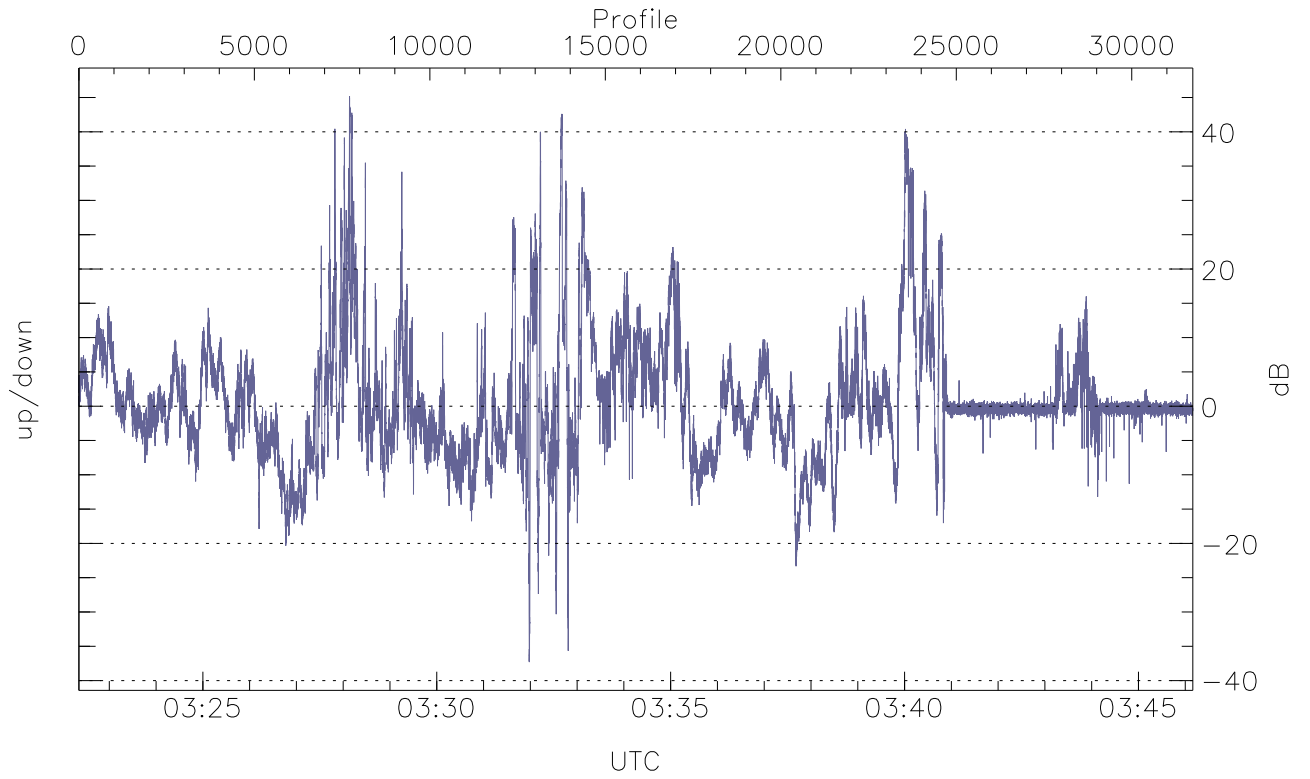


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



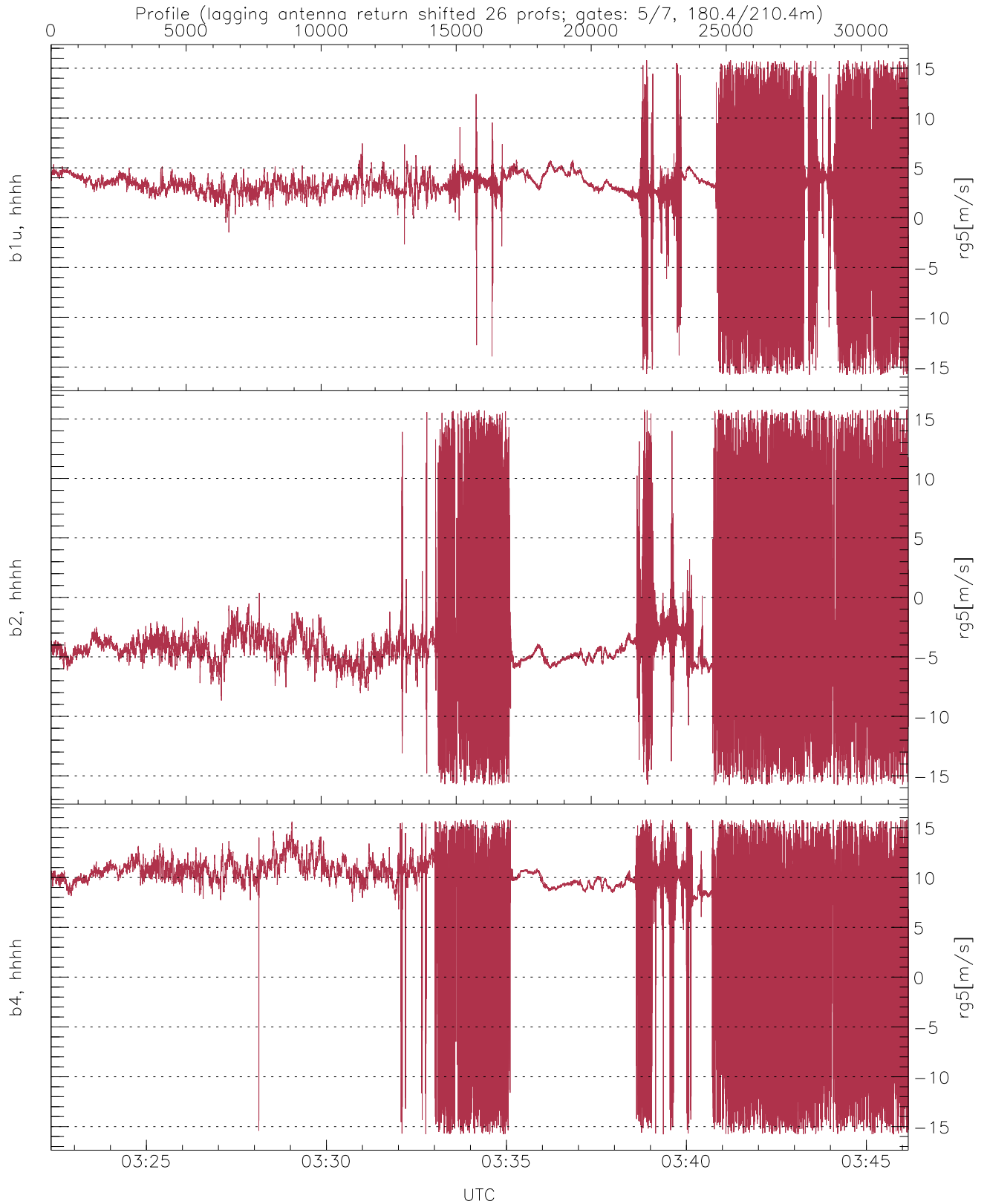
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.37	-9.87	-24.14
down(hh[dBm])	-65.94	-3.81	-20.88
down-fore(hh[dBm])	-65.94	-9.56	-25.32



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

	Min	Max	Mean
up/down (dB)	-37.30	45.18	0.80
down/down-fore (dB)	-46.10	42.14	3.35



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	2.76	4.09
b2, hhhh(rg5[m/s])	-15.78	15.79	-3.05	5.02
b4, hhhh(rg5[m/s])	-15.78	15.79	7.18	6.86