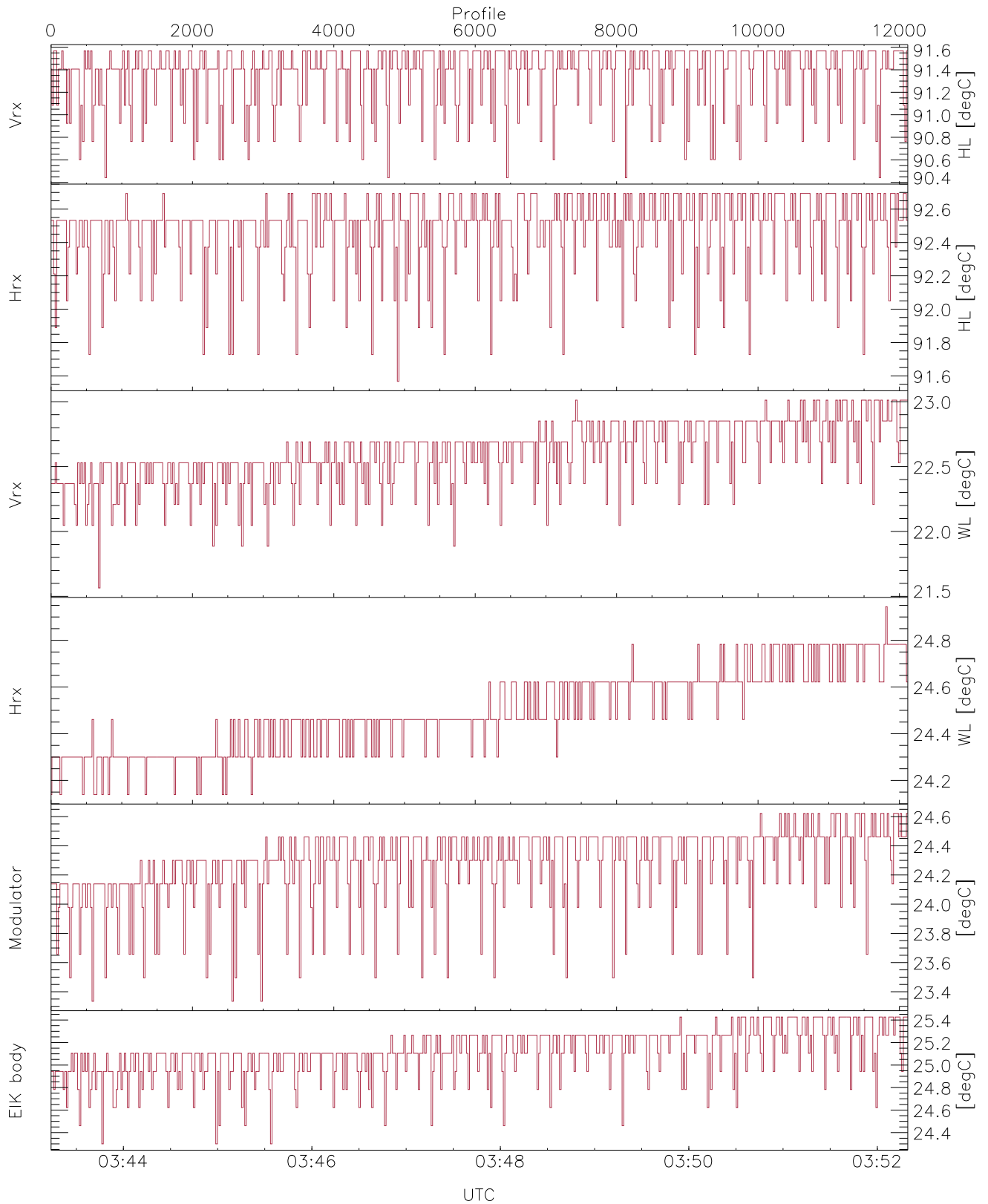




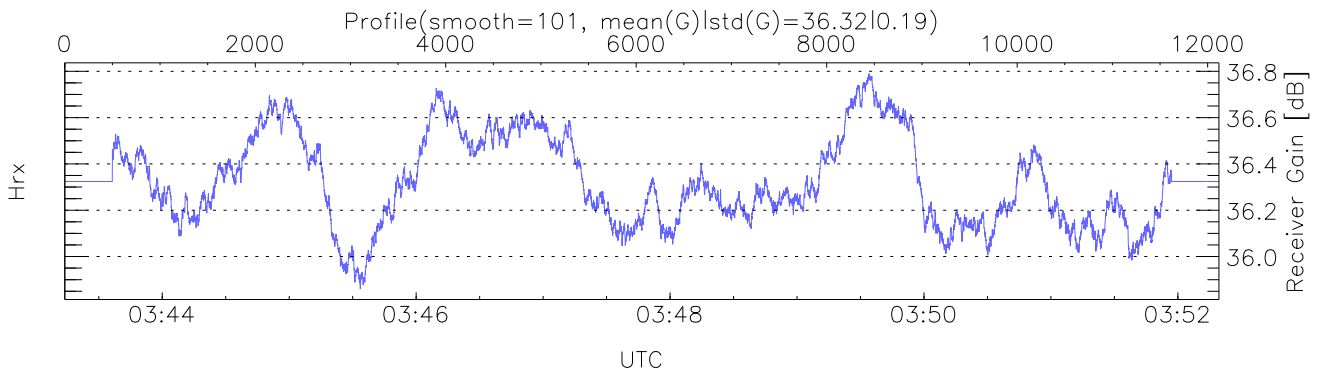
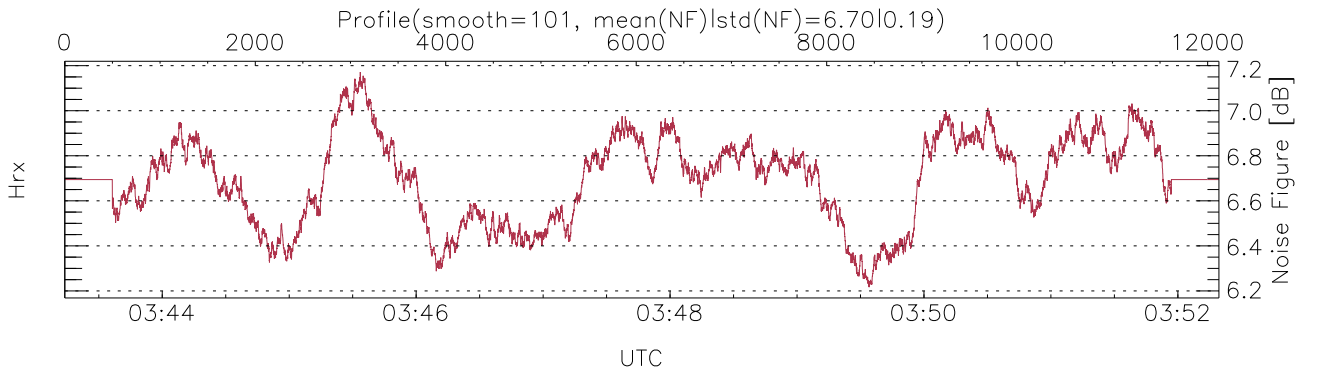
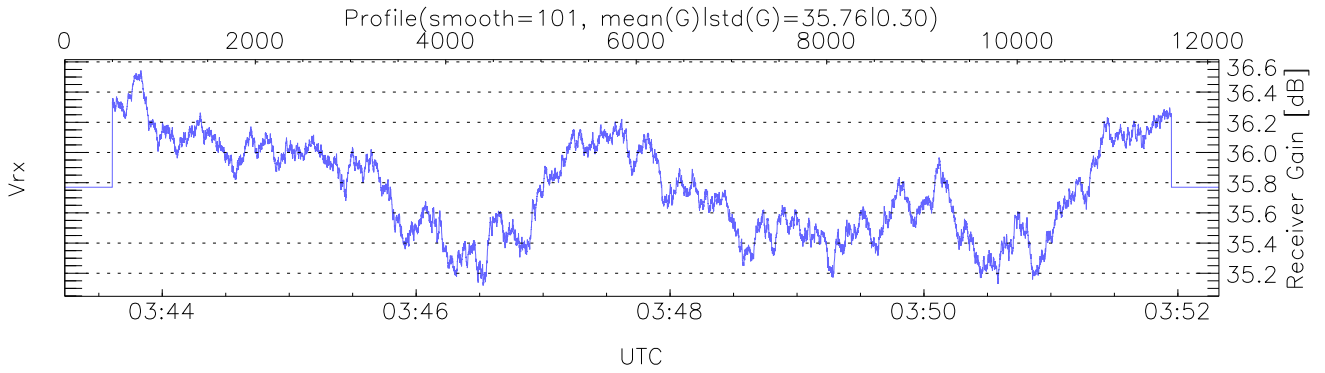
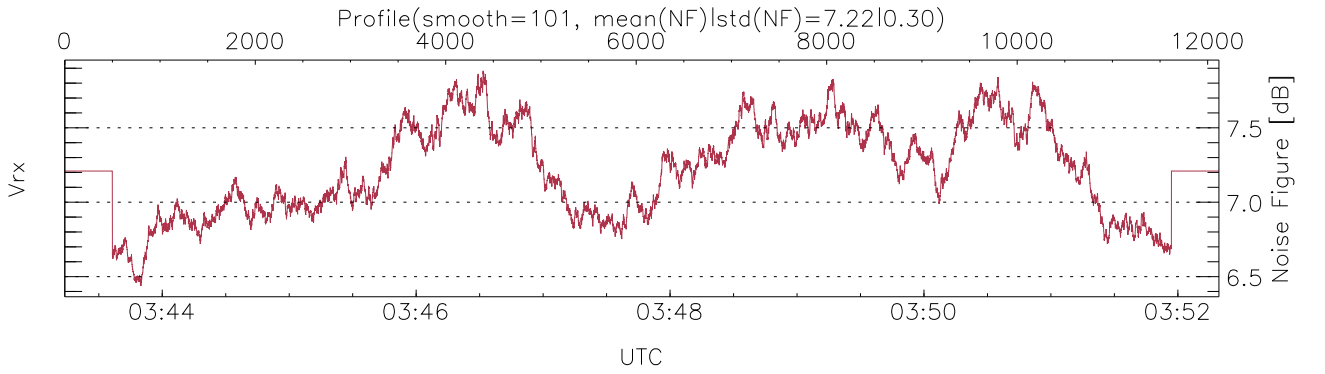
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 03:43:14-03:52:19, TimeCor: 0.00s, Dur: 545.49s
 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): 12120/12120, 0-12119/03:43:14-03:52:19
 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



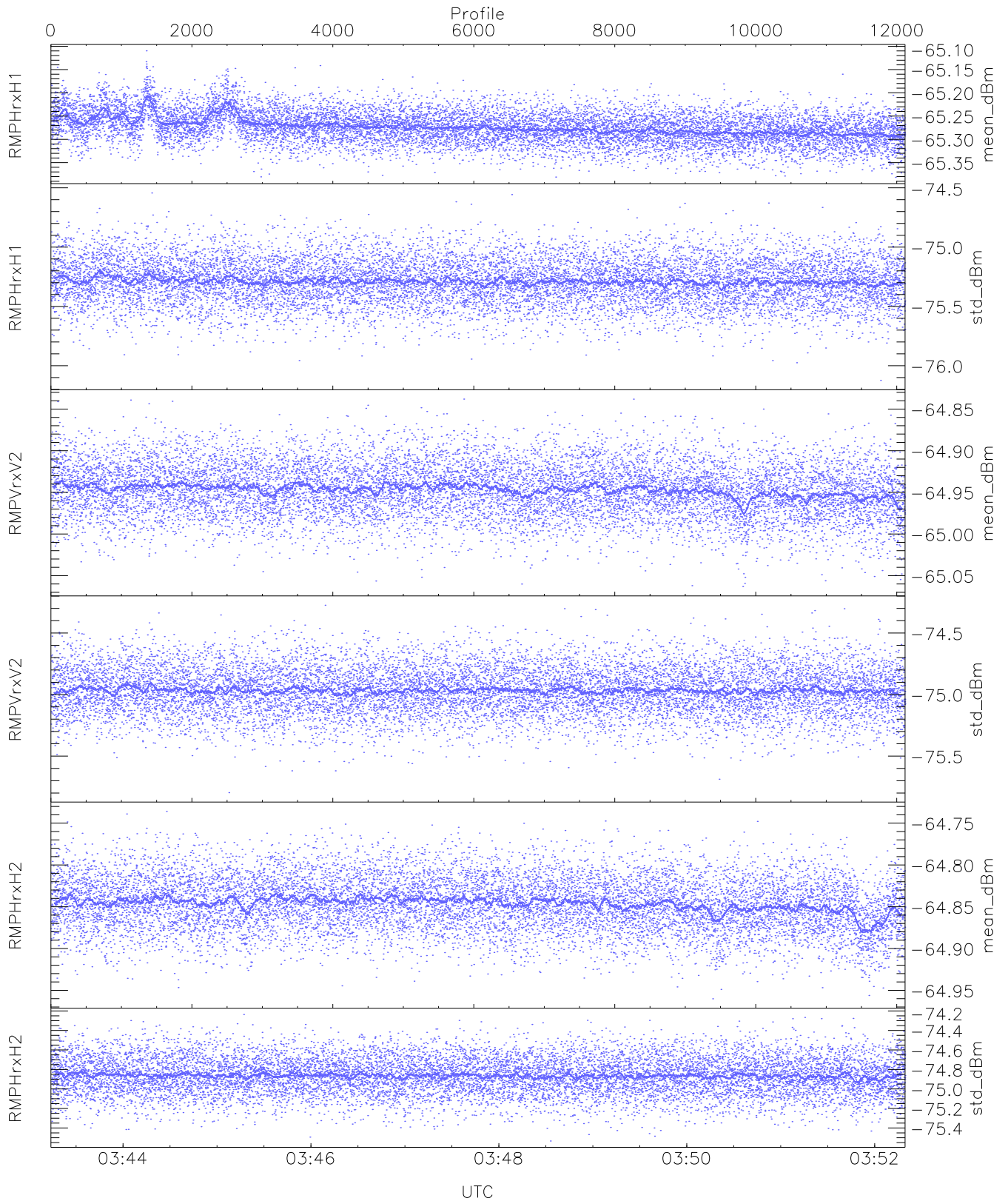
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,21,24,23,24`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,23,24,24,25`
`LOalarm(20,240,2817,14861 MHz): 0,0,44,0`
`EIK/Modulator Faults: None`



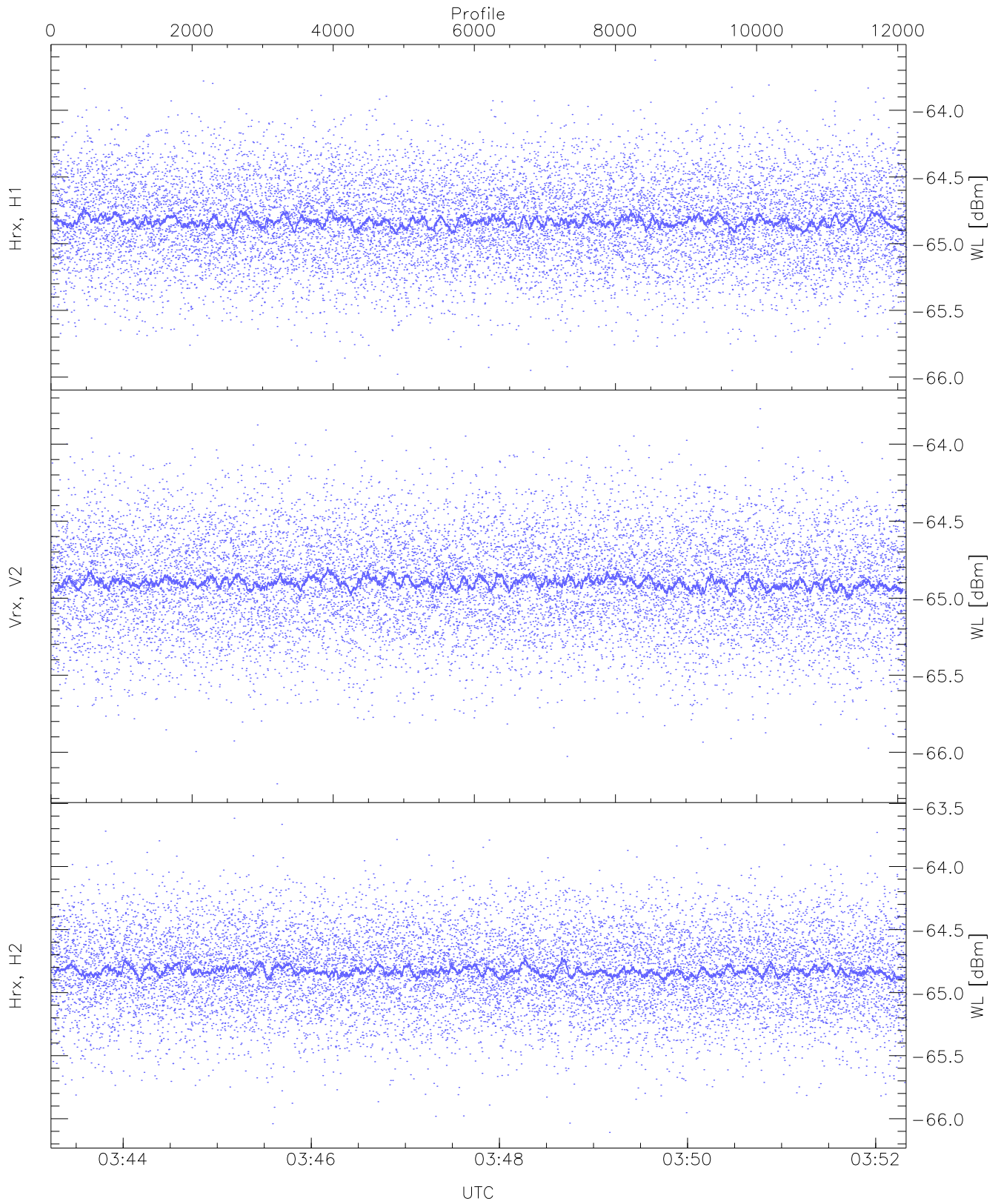
WCR3 CPP Receivers Gain and Noise Figure

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



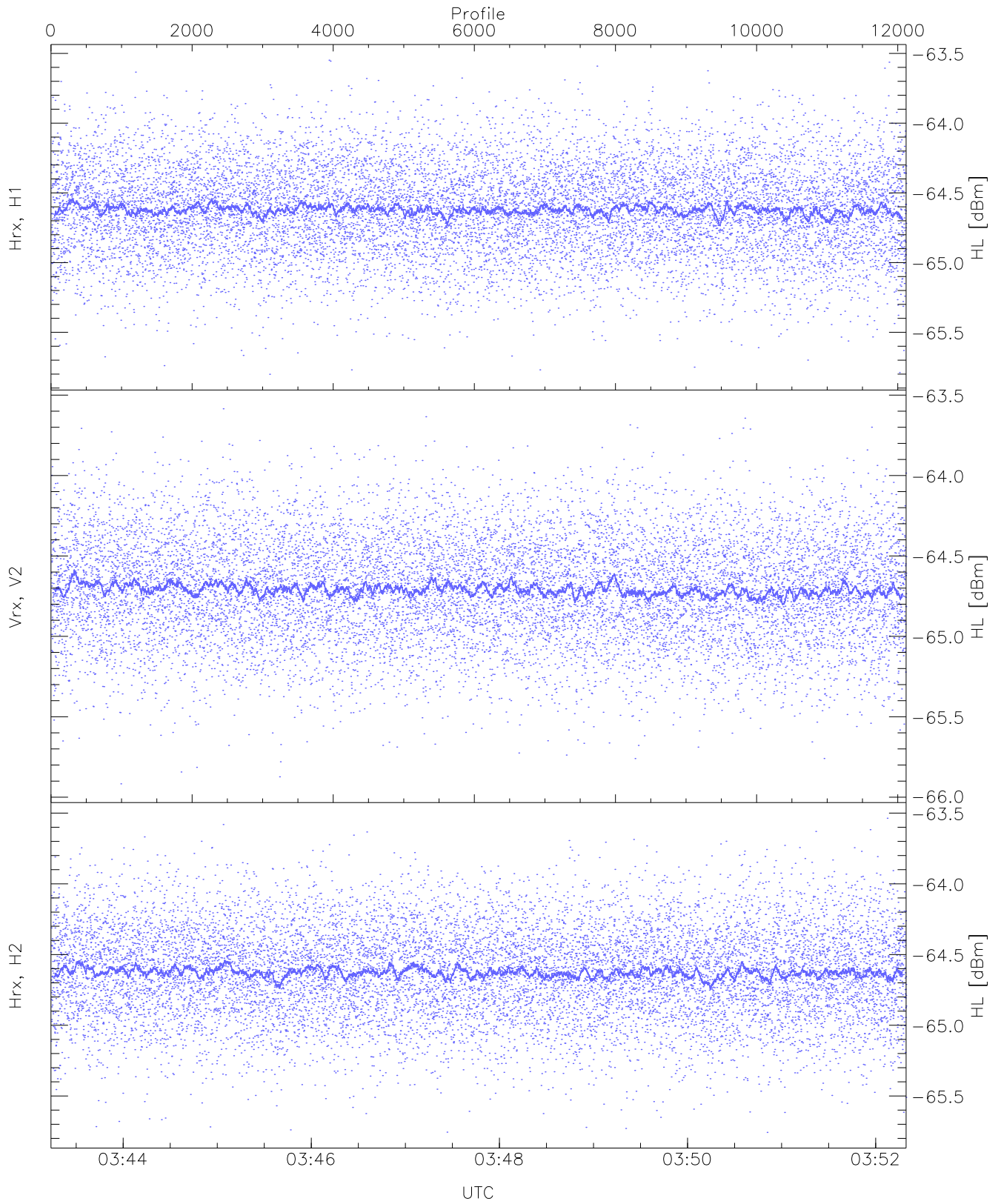
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.38	-65.11	-65.27	-65.27	-86.33
RMPHrxH1(std_dBm)	-76.12	-74.54	-75.29	-75.29	-89.04
RMPVrxV2(mean_dBm)	-65.06	-64.84	-64.95	-64.95	-86.49
RMPVrxV2(std_dBm)	-75.80	-74.27	-74.96	-74.97	-88.74
RMPHrxH2(mean_dBm)	-64.96	-64.74	-64.85	-64.85	-86.37
RMPHrxH2(std_dBm)	-75.53	-74.24	-74.86	-74.87	-88.67



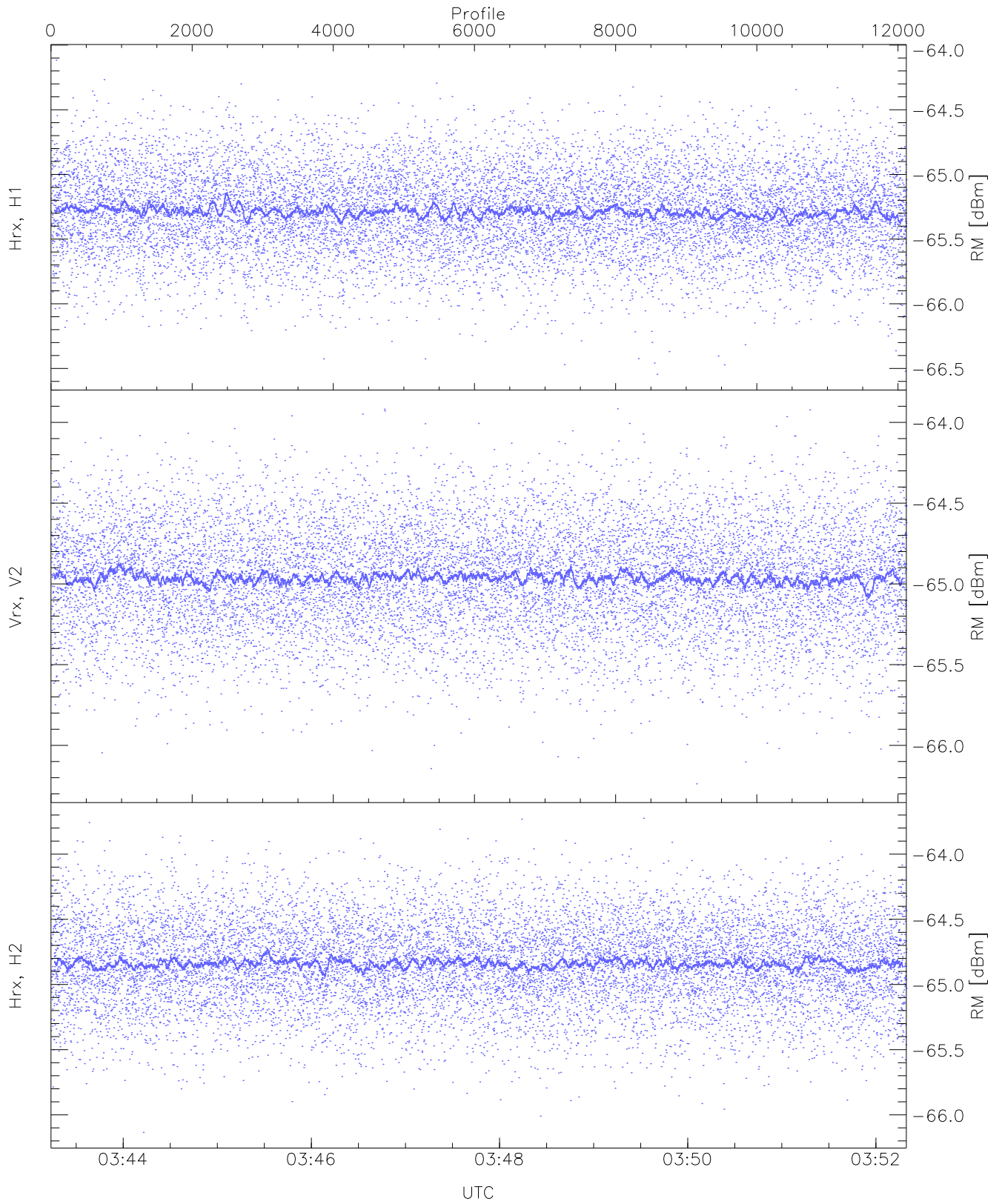
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.98	-63.62	-64.83	-64.84	-76.34
Vrx, V2 (WL [dBm])	-66.20	-63.77	-64.89	-64.90	-76.44
Hrx, H2 (WL [dBm])	-66.11	-63.62	-64.82	-64.83	-76.29



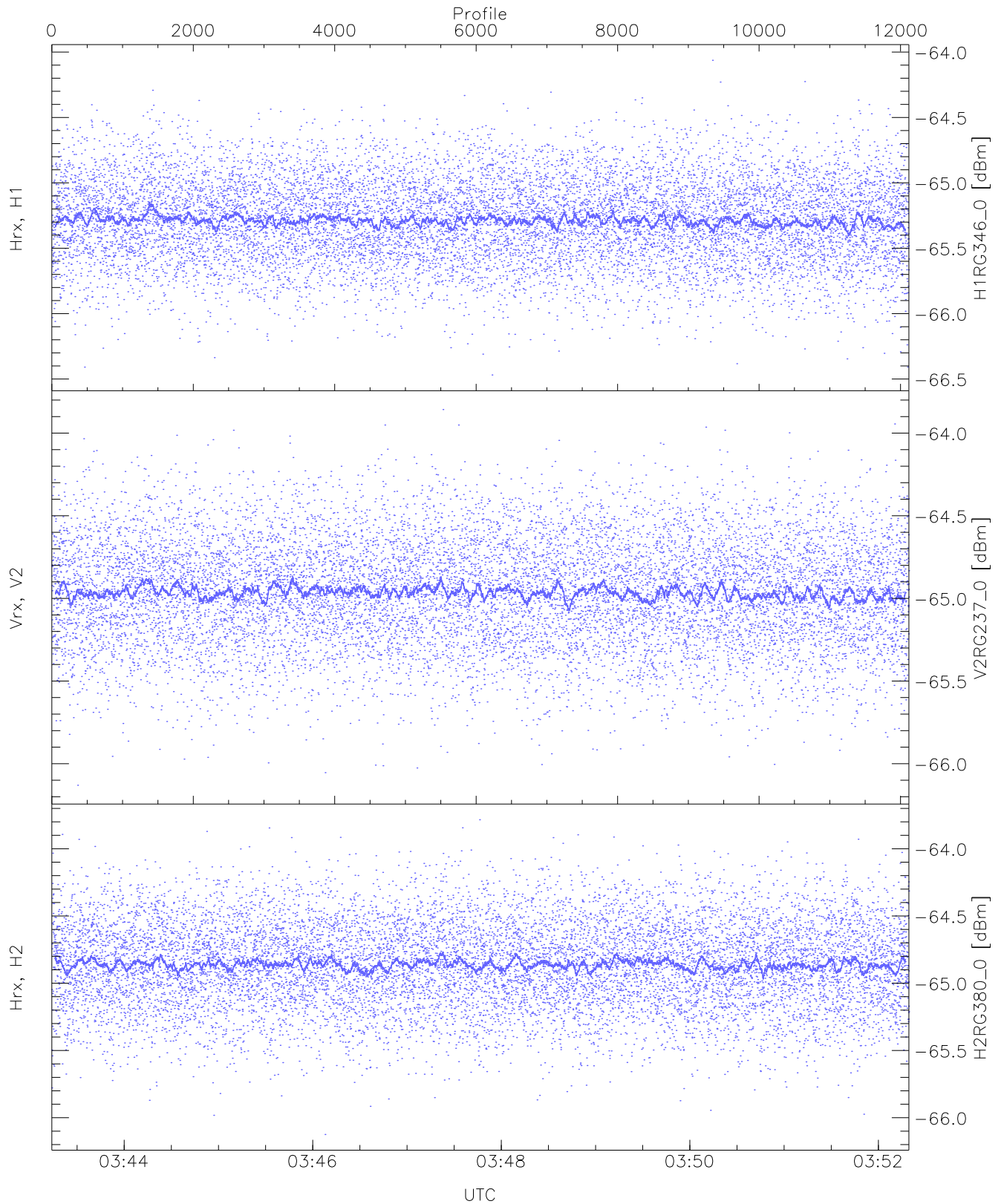
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.80	-63.55	-64.61	-64.62	-76.10
Vrx, V2 (HL [dBm])	-65.92	-63.58	-64.70	-64.71	-76.19
Hrx, H2 (HL [dBm])	-65.76	-63.54	-64.62	-64.62	-76.07



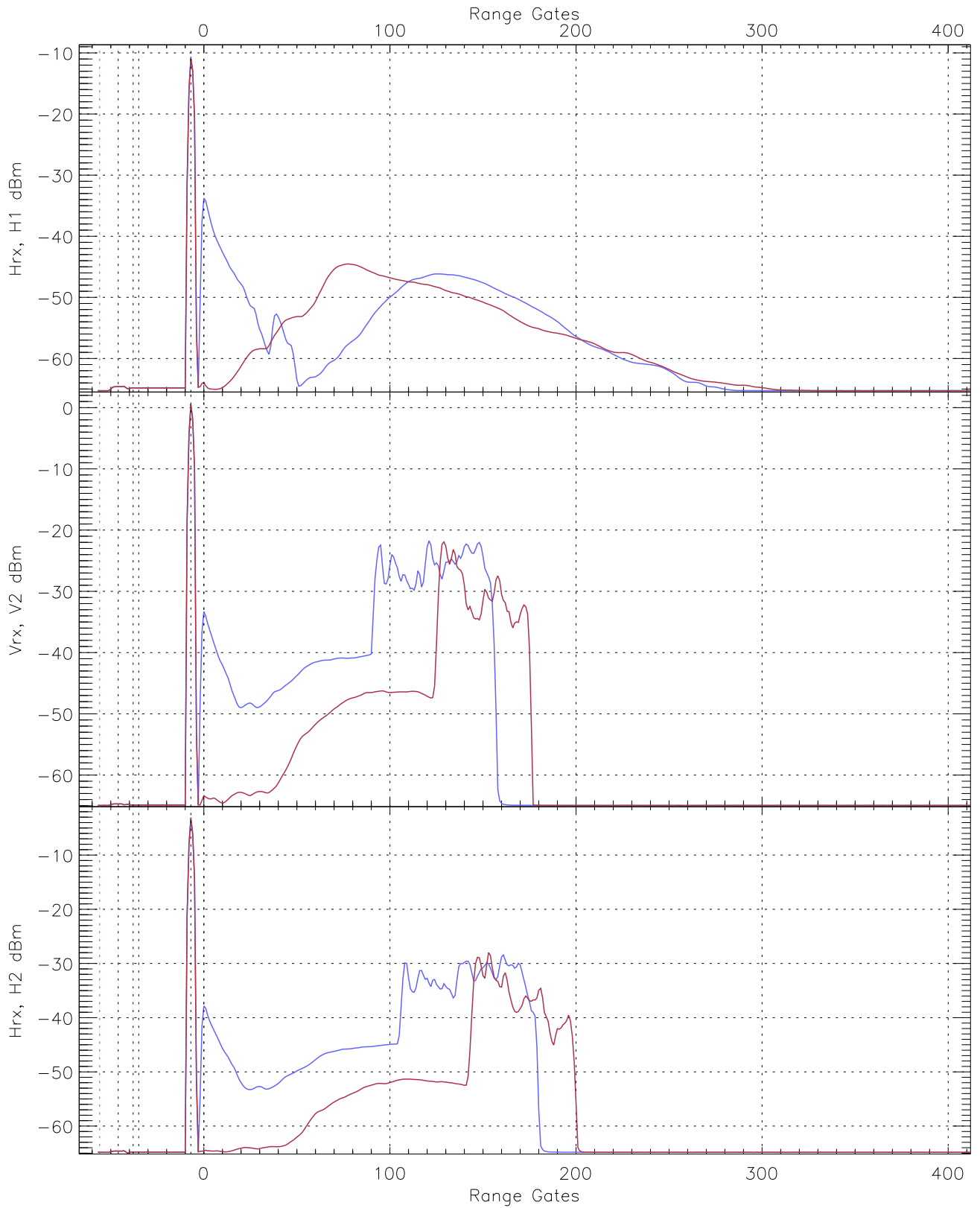
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.55	-64.12	-65.28	-65.29	-76.76
Vrx, V2 (RM [dBm])	-66.24	-63.92	-64.96	-64.96	-76.47
Hrx, H2 (RM [dBm])	-66.13	-63.72	-64.83	-64.84	-76.29

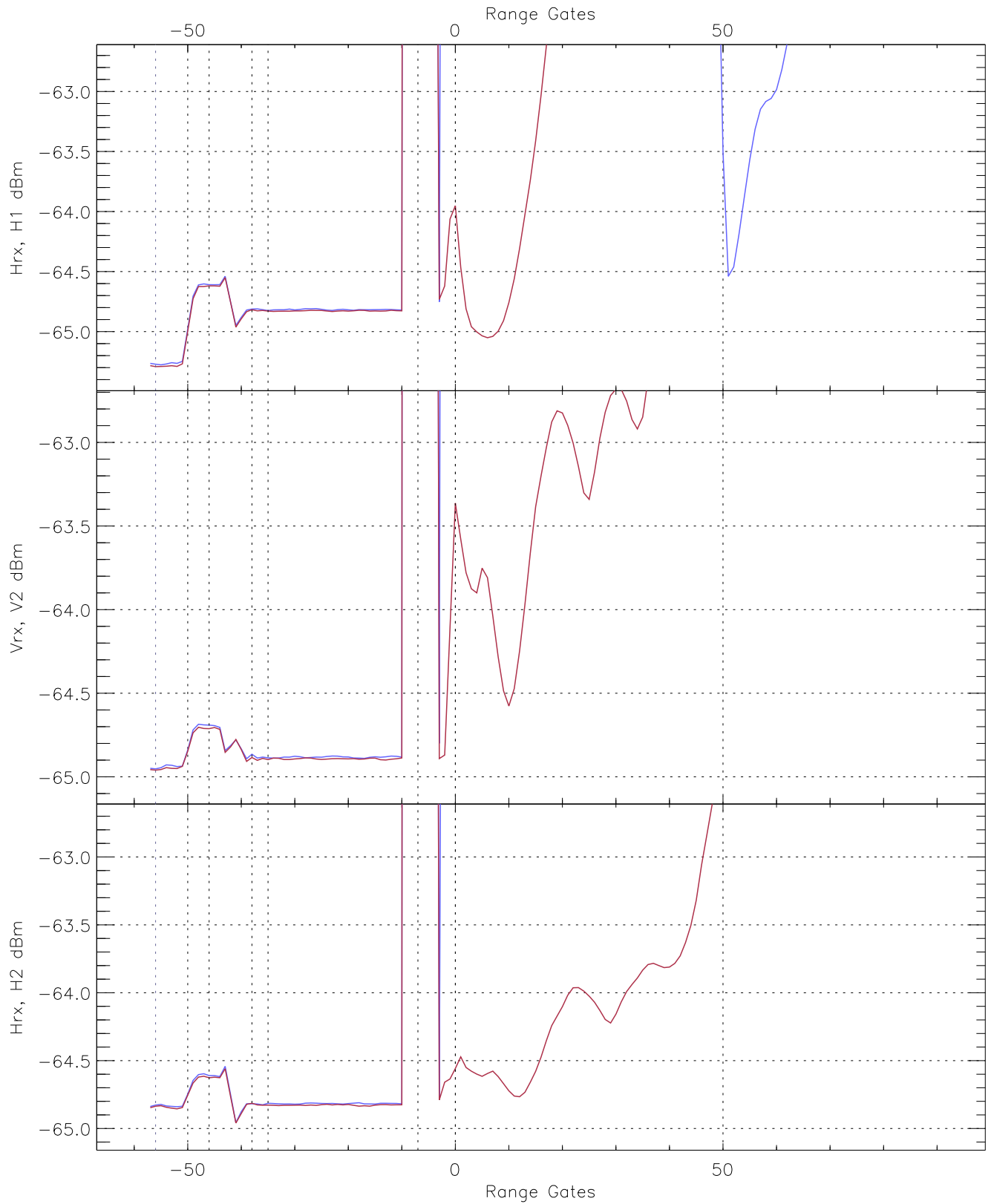


WCR3 CPP "Best" estimate Receivers Noise Power

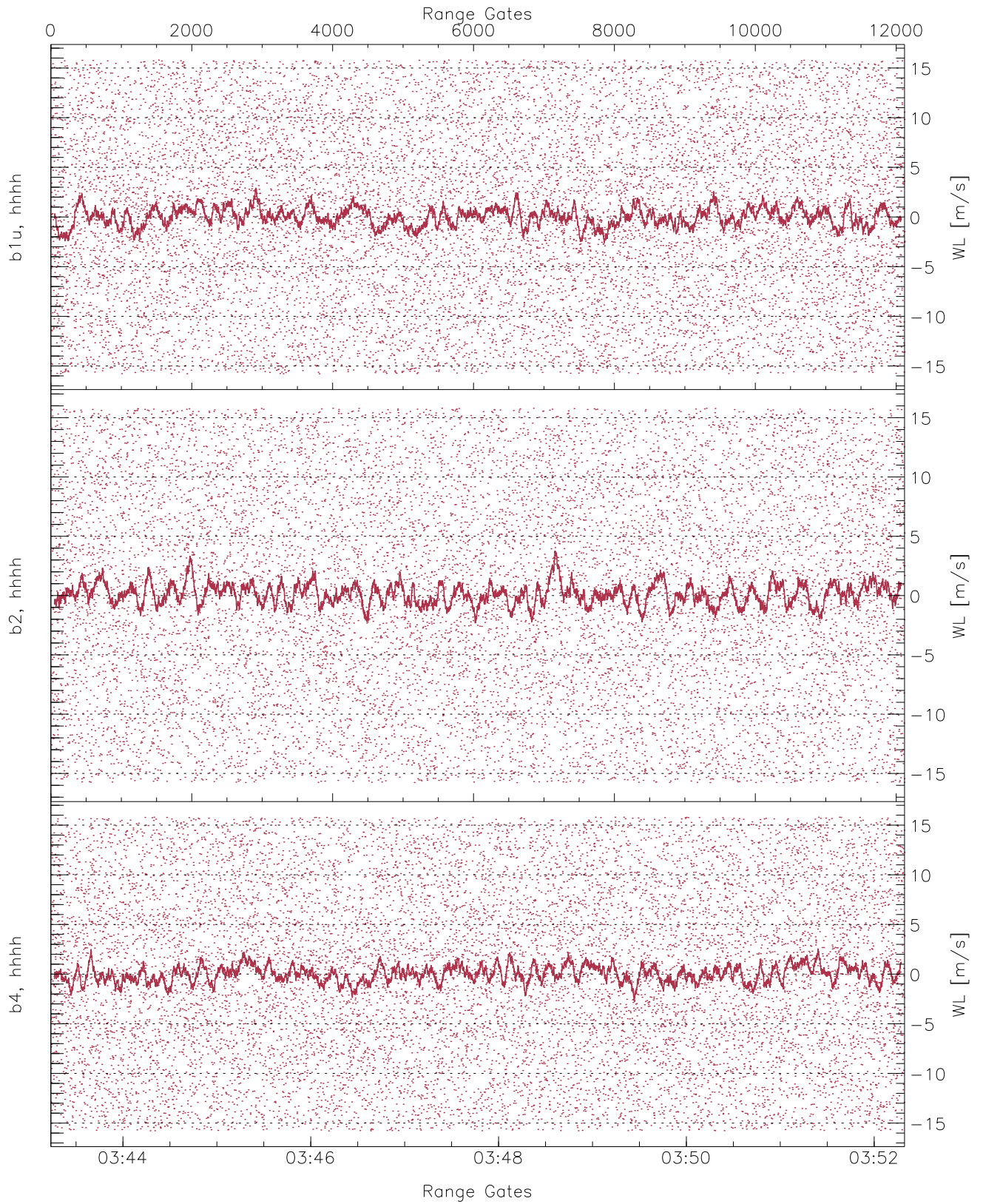
	Min	Max	Mean	Median	StDev
H1RG346_0 [dBm]	-66.47	-64.06	-65.28	-65.29	-76.79
V2RG237_0 [dBm]	-66.13	-63.86	-64.96	-64.96	-76.45
H2RG380_0 [dBm]	-66.12	-63.78	-64.85	-64.86	-76.35



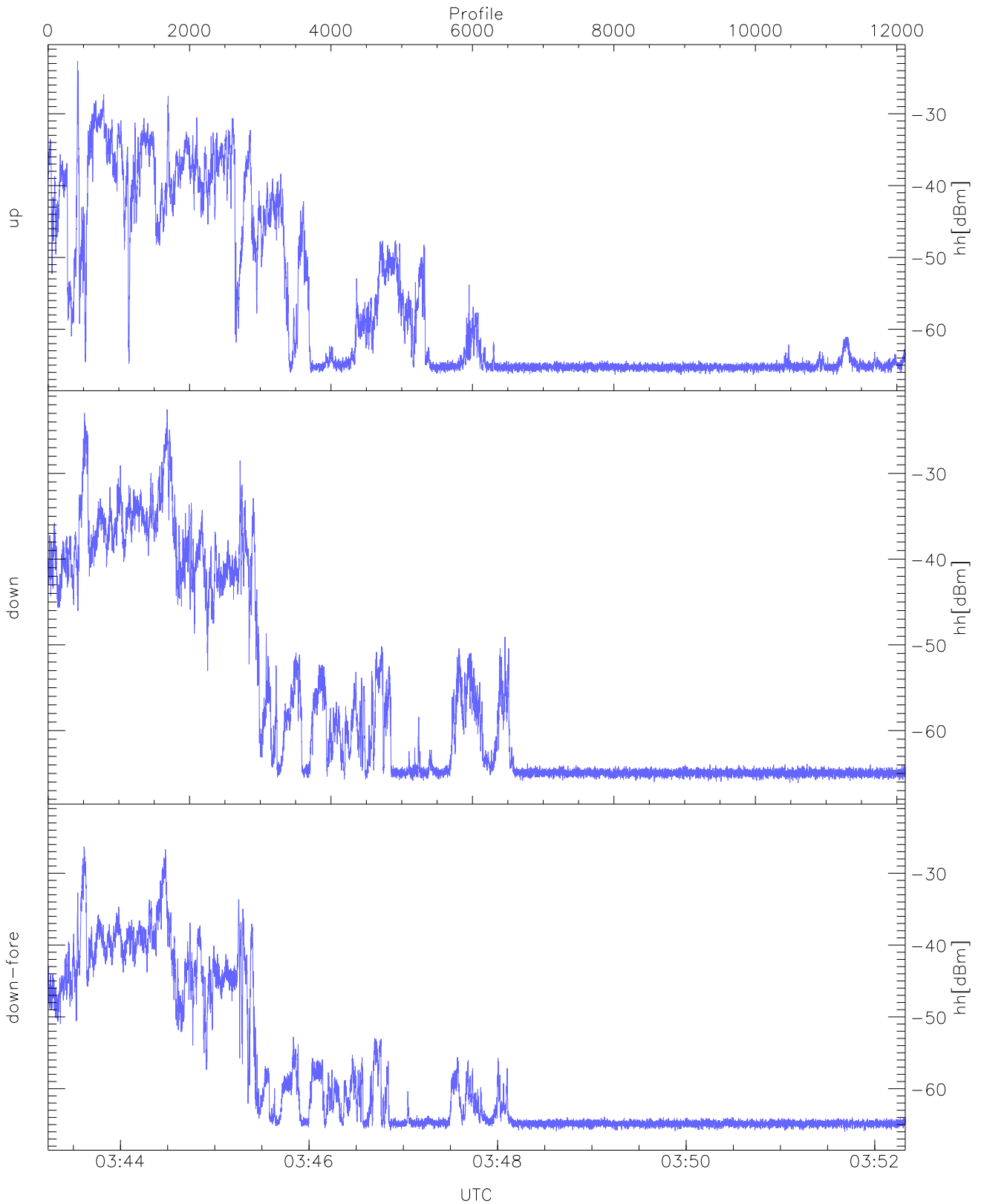
WCR3 CPP Averaged Received power for all recorded gates
blue: 034314-034747, 6061 profiles averaged
red: 034747-035219, 6060 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 034314-034747, 6061 profiles averaged
red: 034747-035219, 6060 profiles averaged

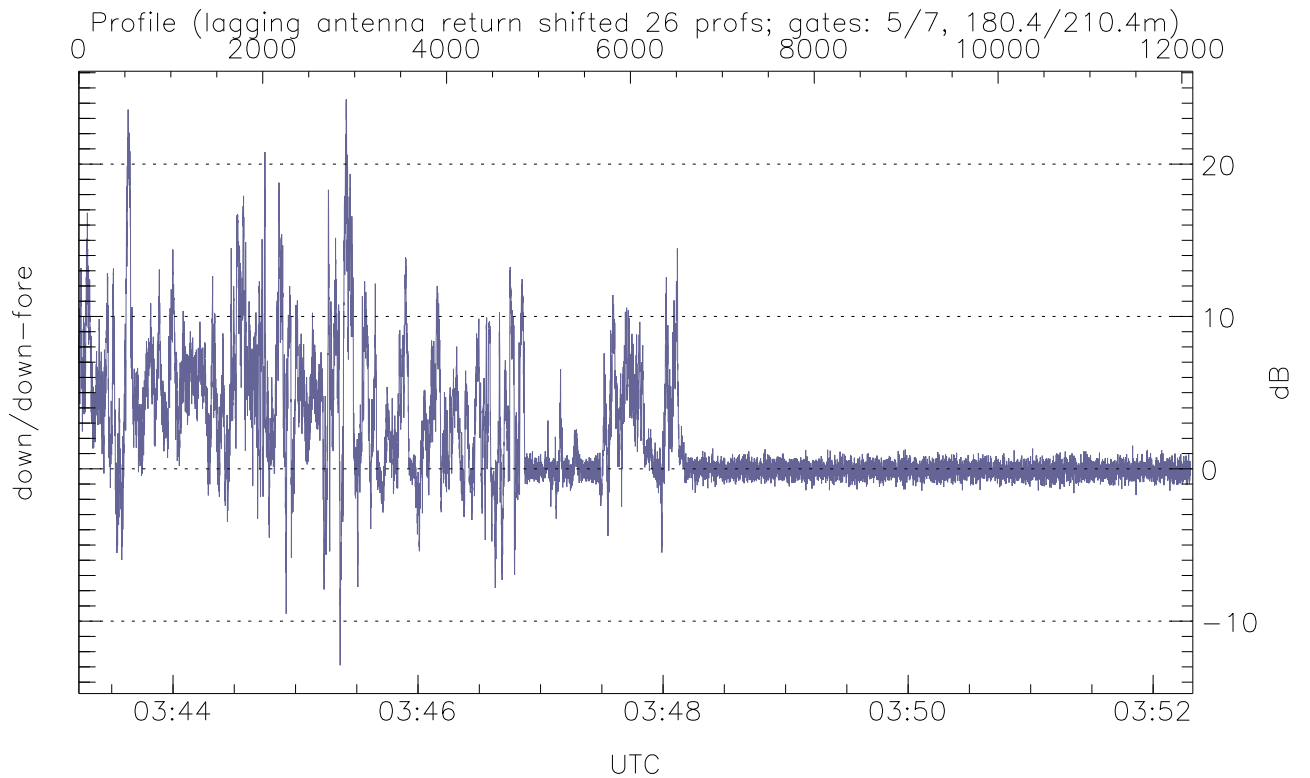
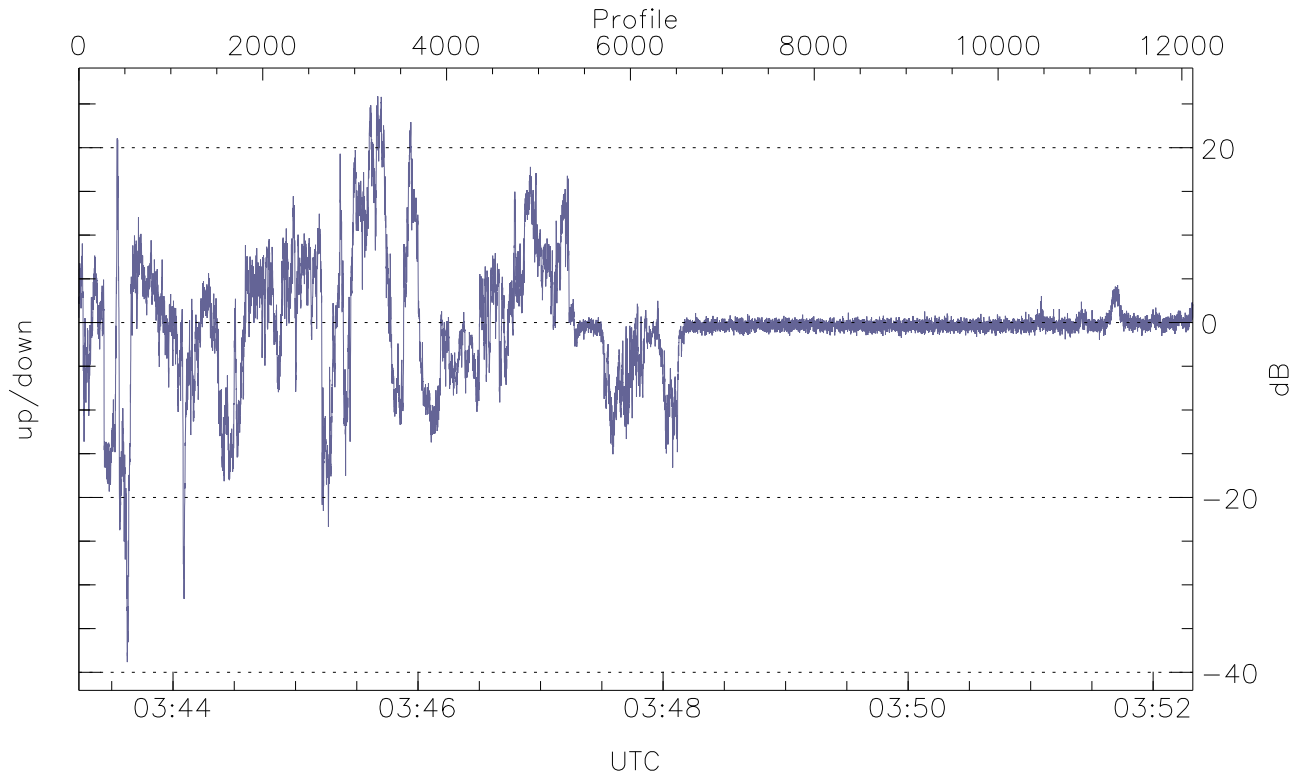


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



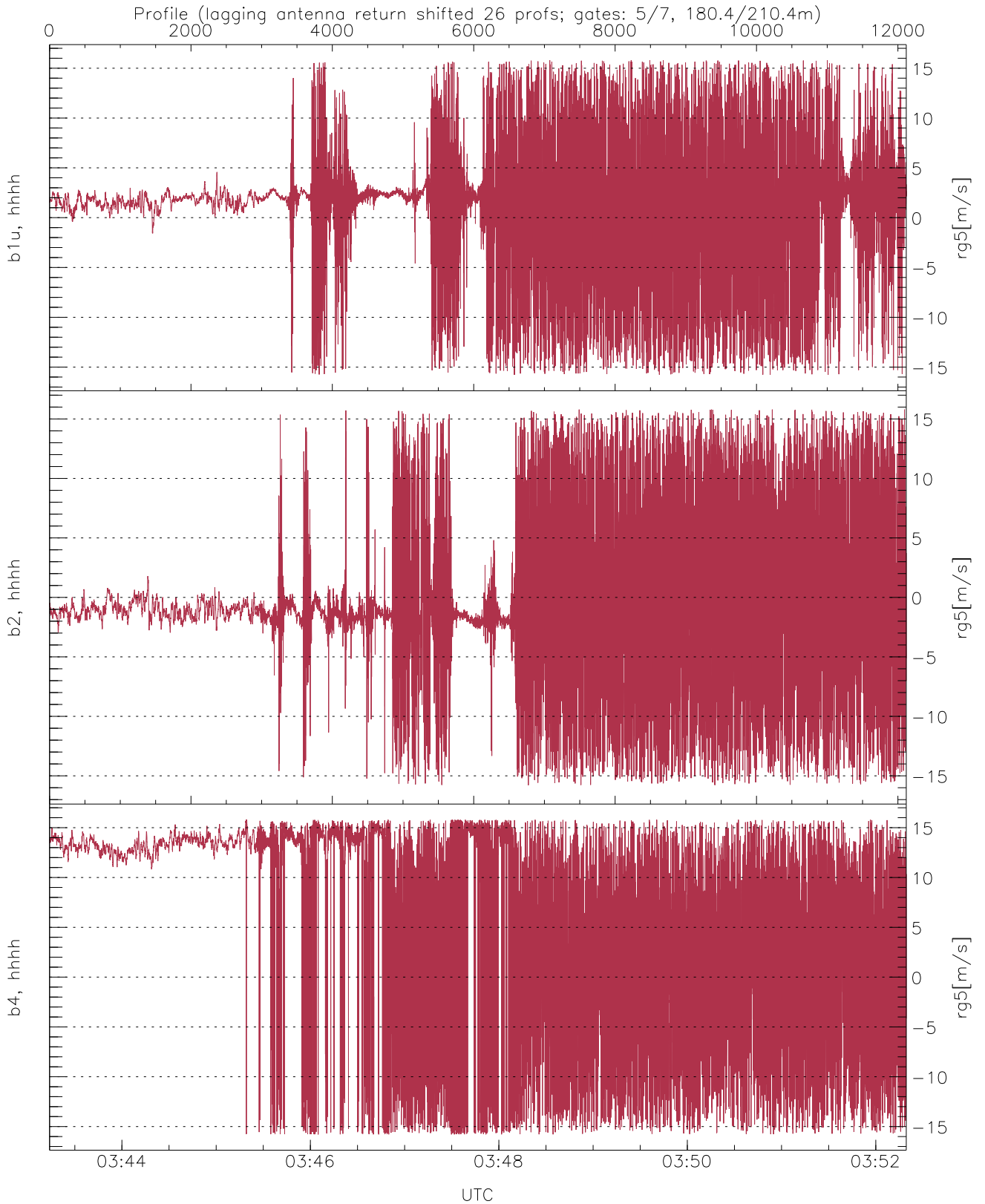
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.37	-22.65	-42.03
down(hh[dBm])	-66.09	-22.55	-41.07
down-fore(hh[dBm])	-66.02	-26.29	-45.00



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

	Min	Max	Mean
up/down (dB)	-38.83	25.87	-0.19
down/down-fore (dB)	-12.89	24.24	2.06



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	1.03	6.00
b2, hhhh(rg5[m/s])	-15.78	15.79	-0.59	6.24
b4, hhhh(rg5[m/s])	-15.79	15.79	5.42	9.96