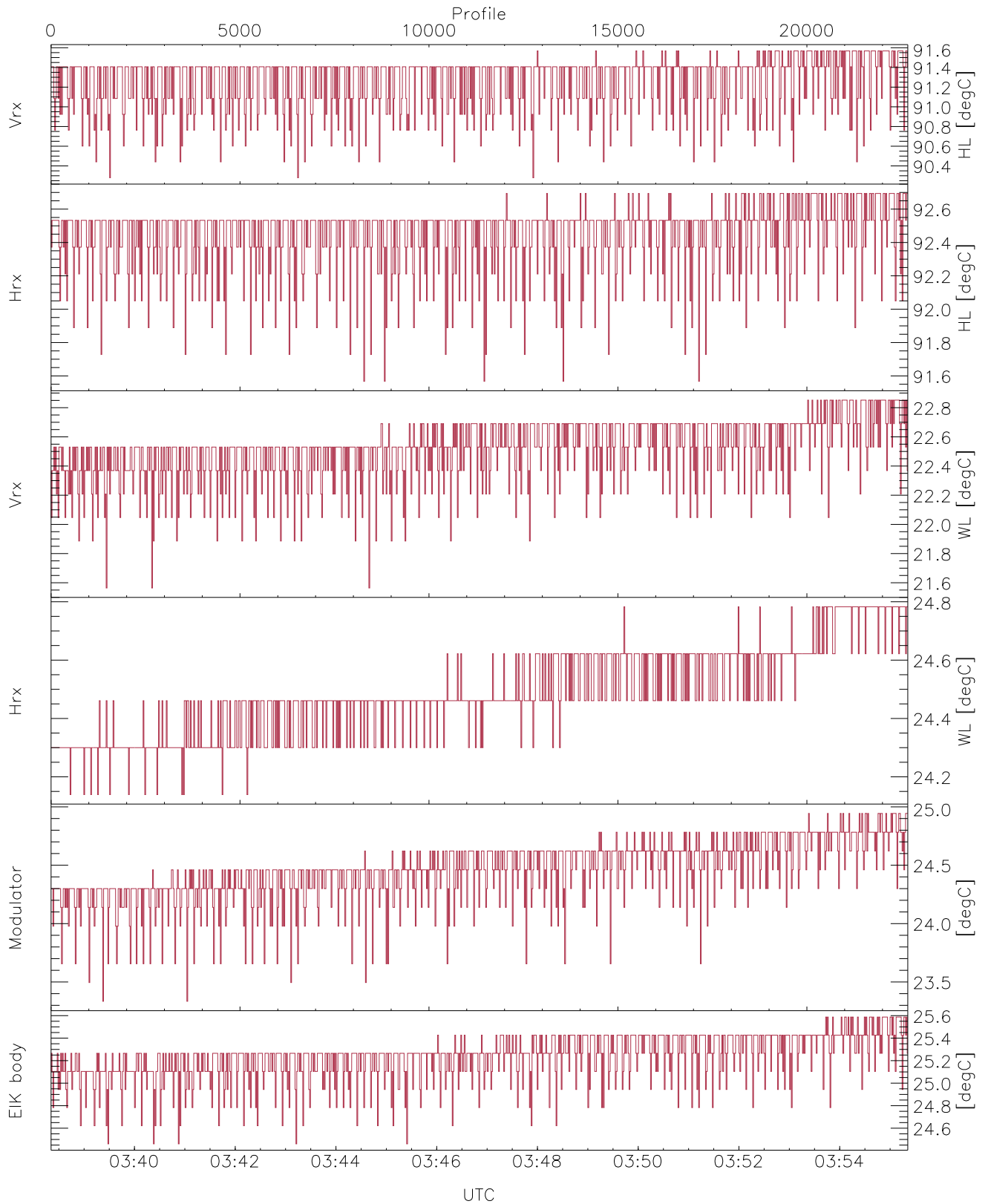


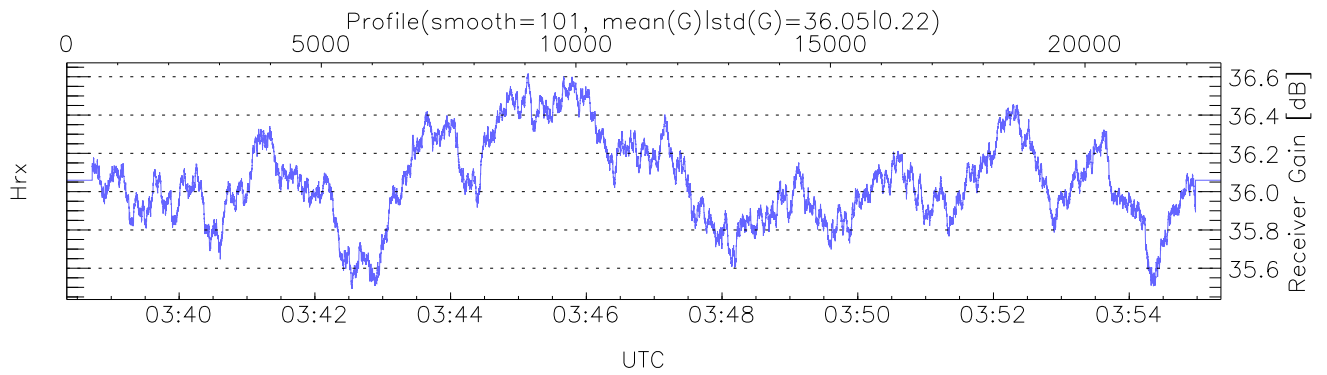
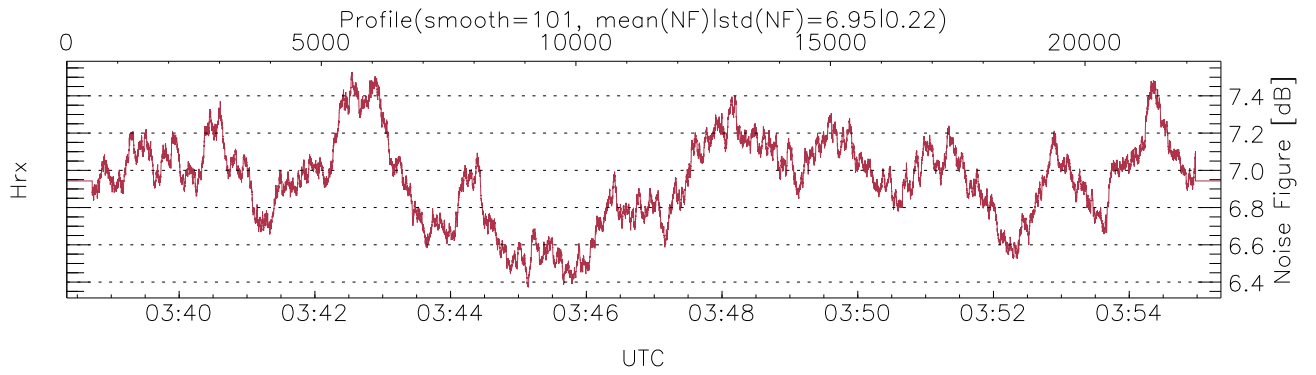
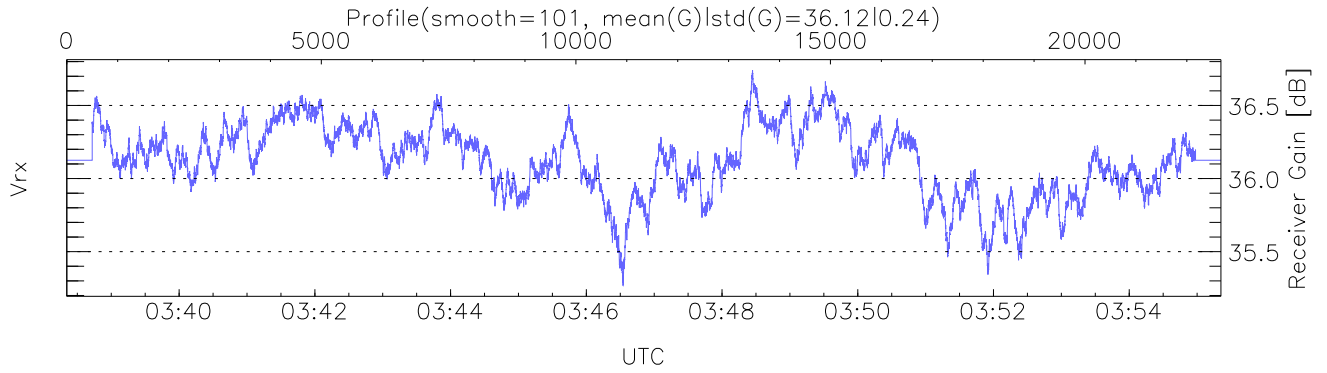
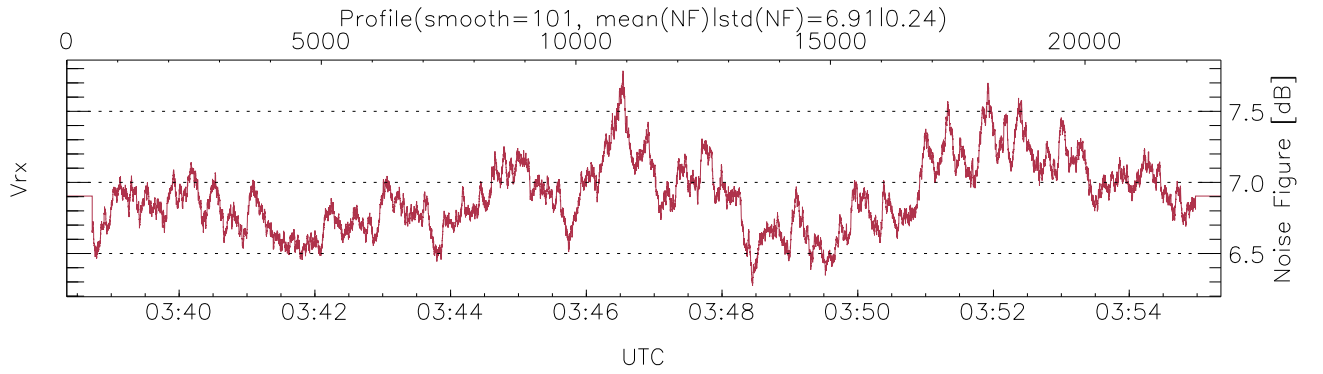
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 03:38:21-03:55:21, 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, 0-22671/03:38:21-03:55:21
 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



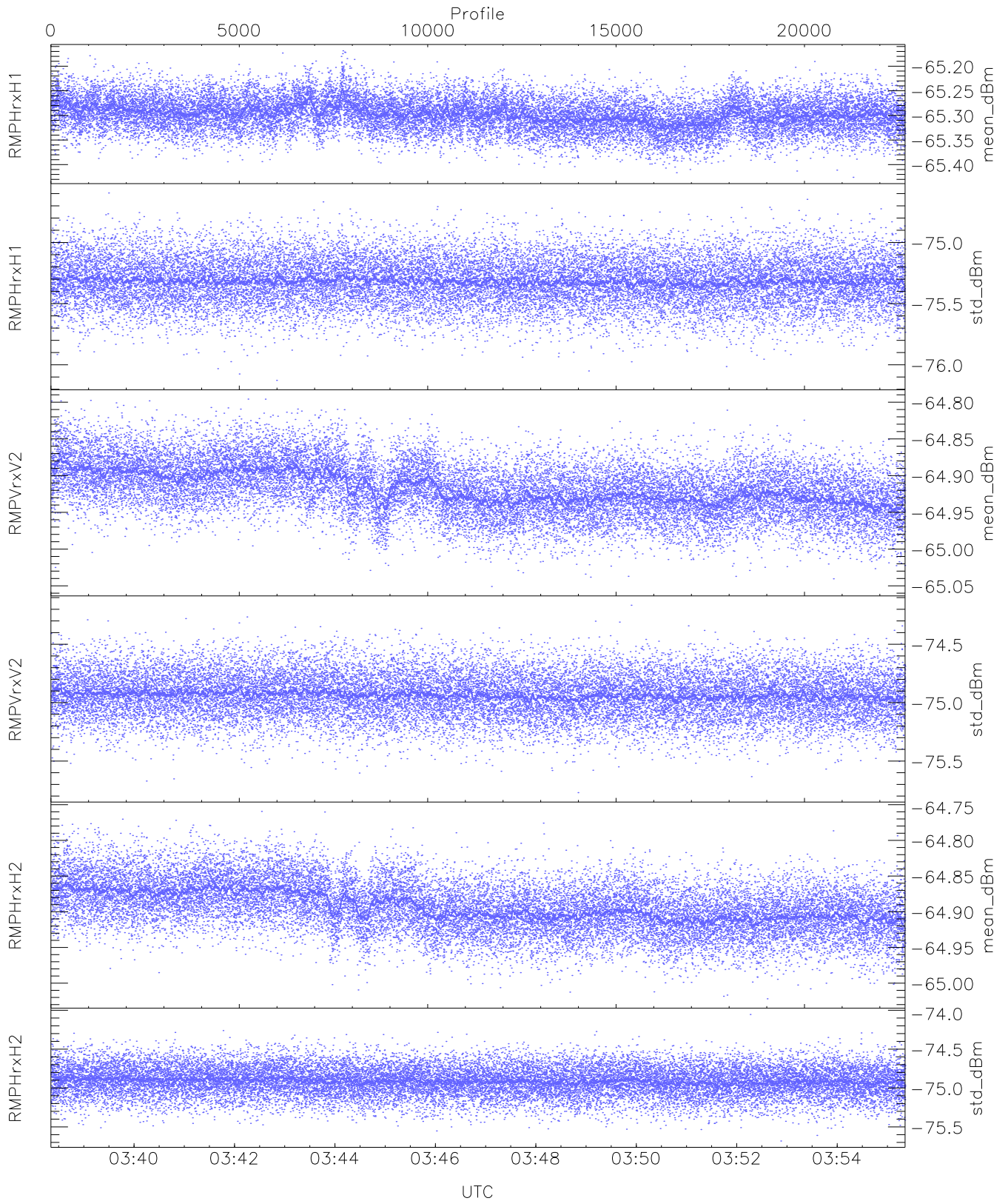
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,21,24,23,24`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,22,24,24,25`
`LOalarm(20,240,2817,14861 MHz): 0,0,46,0`
`EIK/Modulator Faults: None`



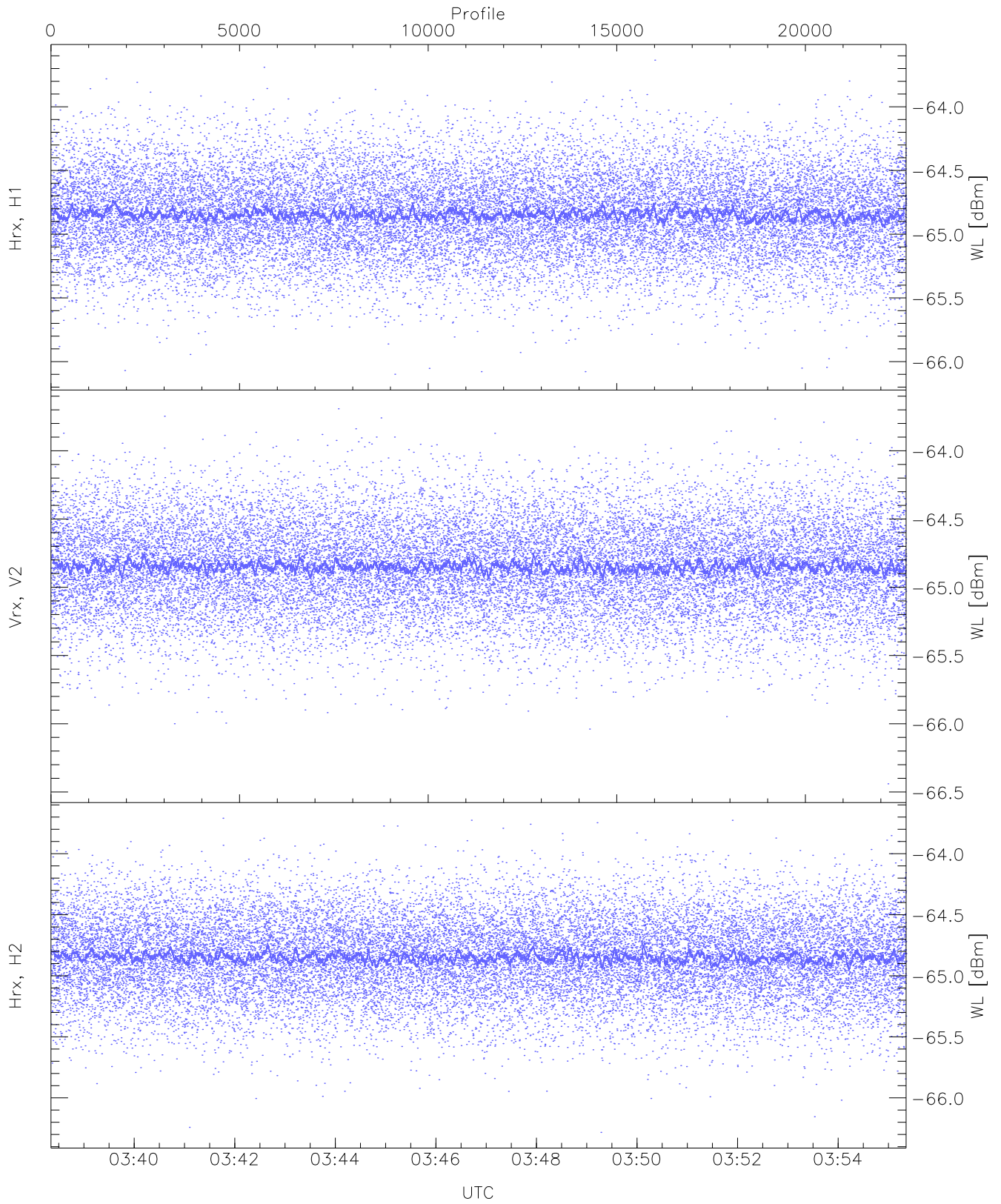
WCR3 CPP Receivers Gain and Noise Figure

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



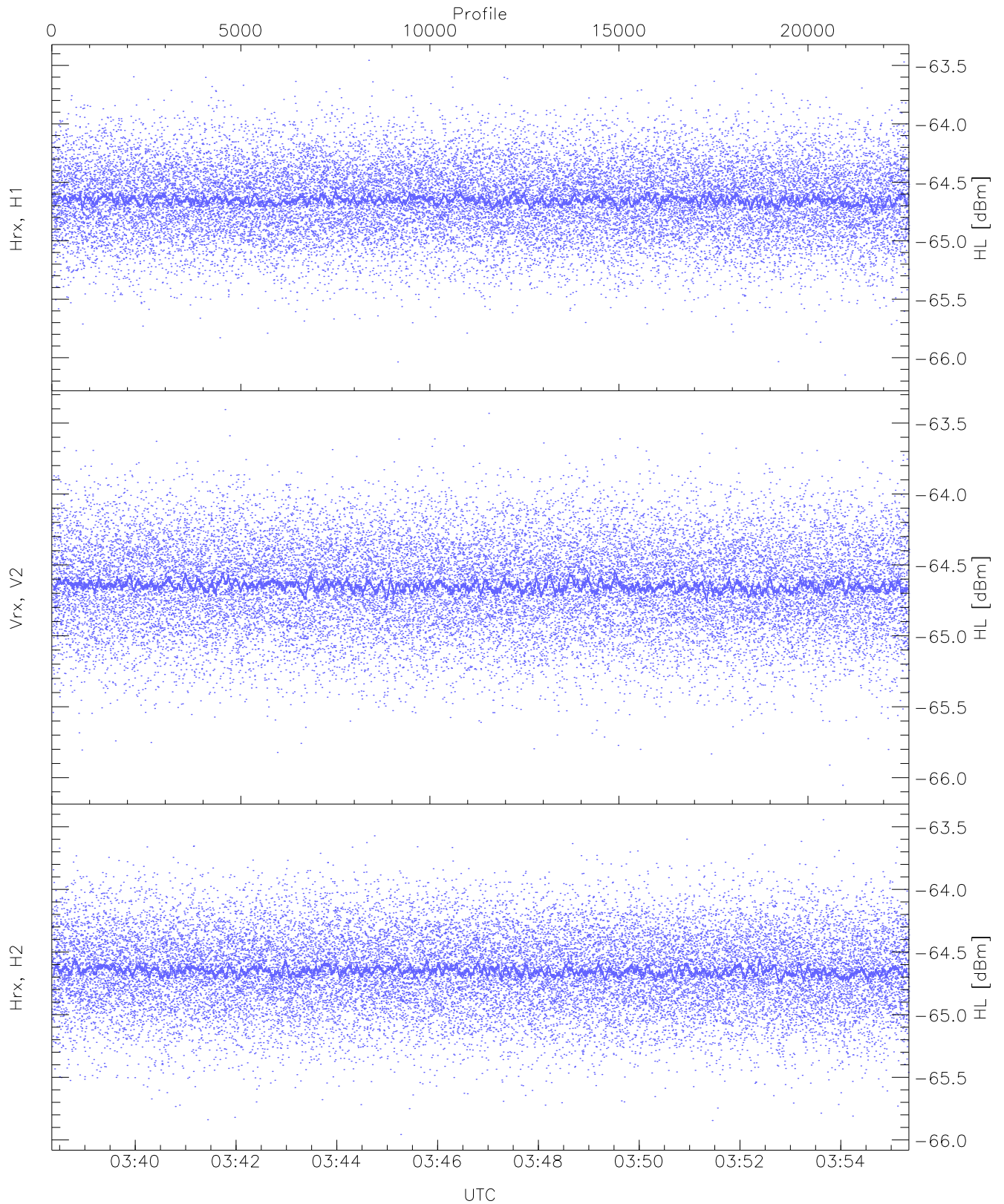
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.43	-65.17	-65.30	-65.30	-86.56
RMPHrxH1 (std_dBm)	-76.13	-74.60	-75.31	-75.32	-89.10
RMPVrxV2 (mean_dBm)	-65.05	-64.80	-64.92	-64.92	-85.84
RMPVrxV2 (std_dBm)	-75.77	-74.17	-74.93	-74.94	-88.71
RMPHrxH2 (mean_dBm)	-65.02	-64.76	-64.89	-64.89	-85.88
RMPHrxH2 (std_dBm)	-75.68	-74.05	-74.91	-74.91	-88.68



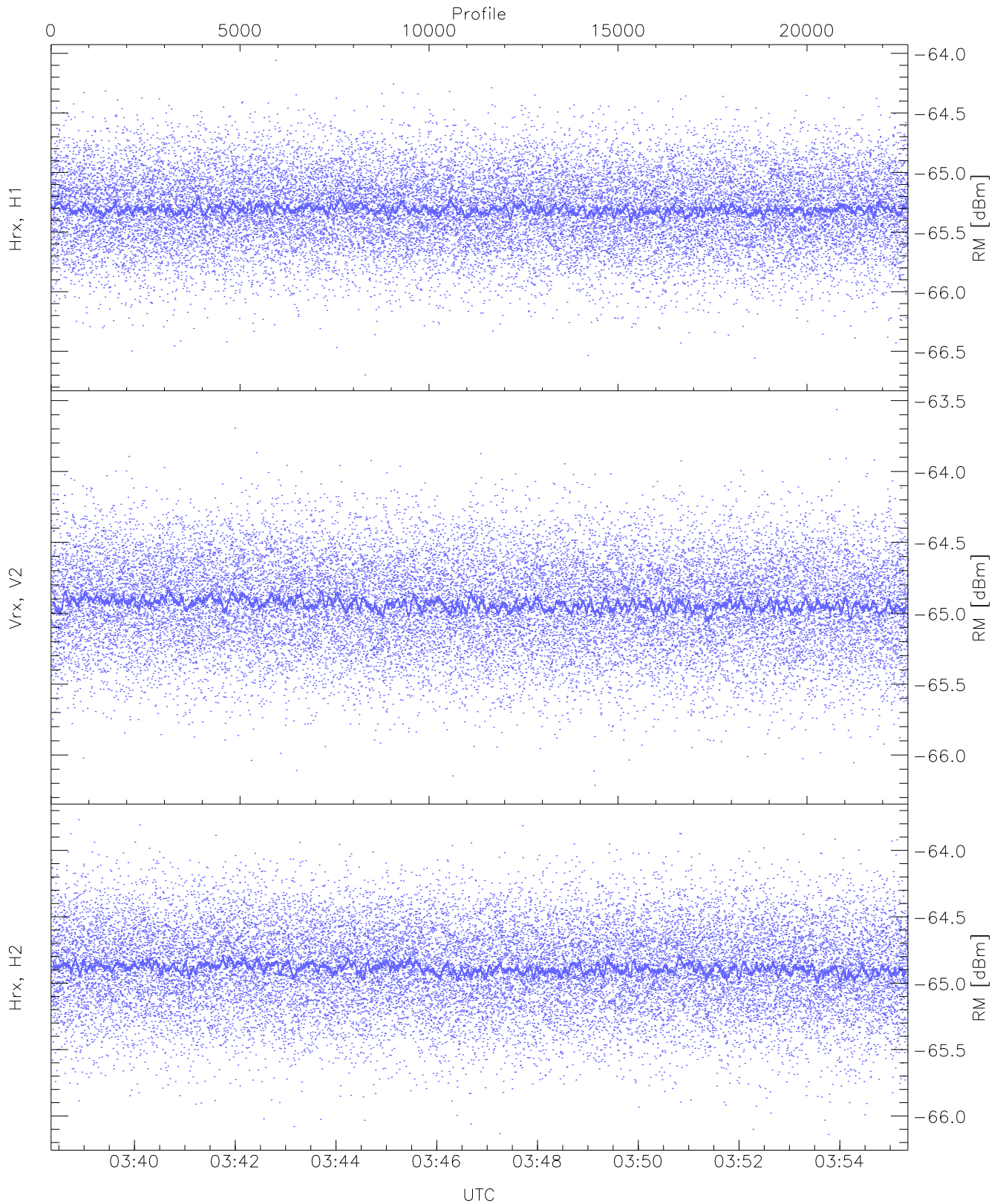
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.10	-63.63	-64.84	-64.85	-76.36
Vrx, V2 (WL [dBm])	-66.44	-63.69	-64.84	-64.85	-76.36
Hrx, H2 (WL [dBm])	-66.28	-63.71	-64.84	-64.85	-76.36



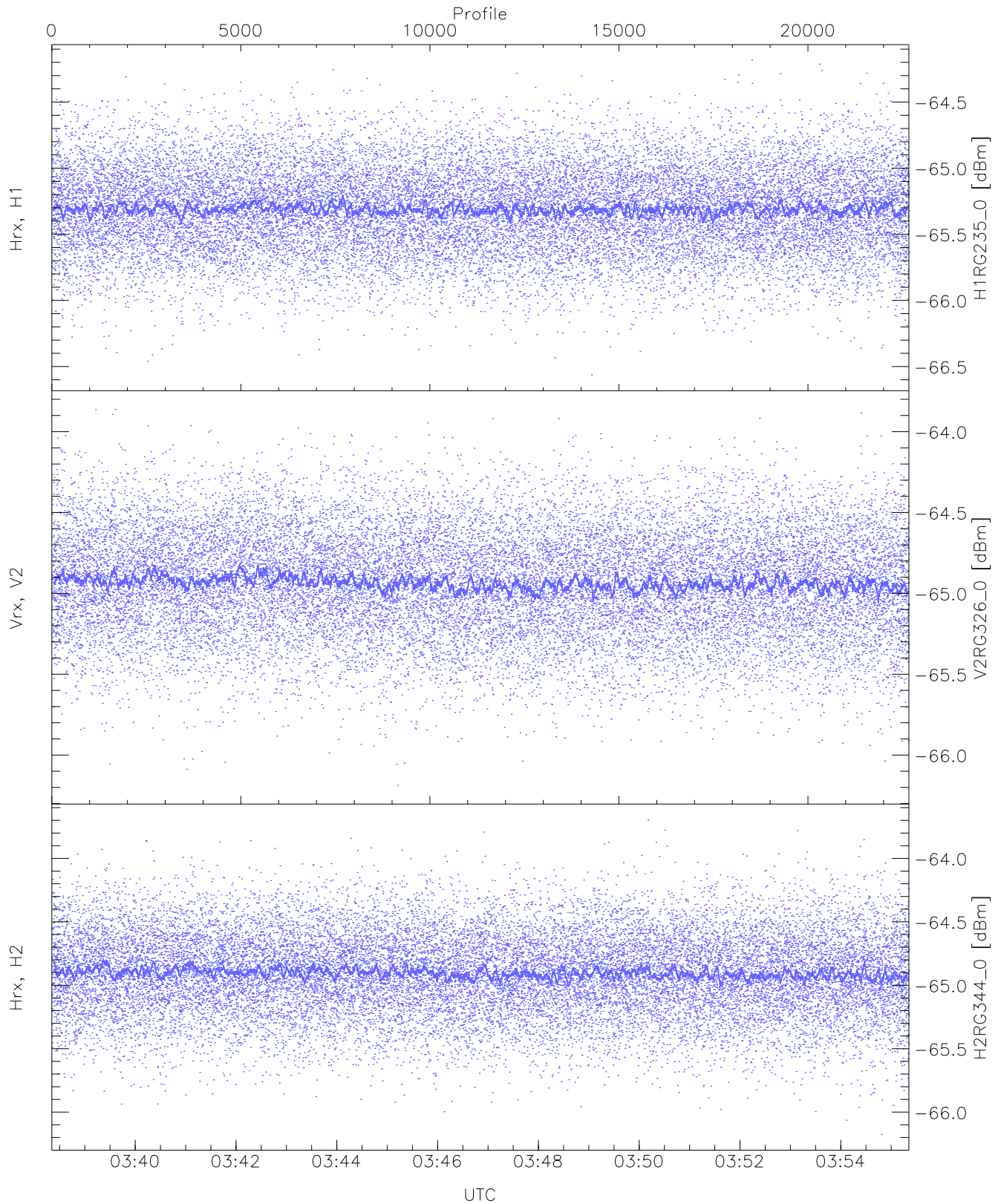
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.15	-63.46	-64.64	-64.65	-76.17
Vrx, V2 (HL [dBm])	-66.05	-63.40	-64.64	-64.65	-76.11
Hrx, H2 (HL [dBm])	-65.96	-63.44	-64.64	-64.65	-76.16



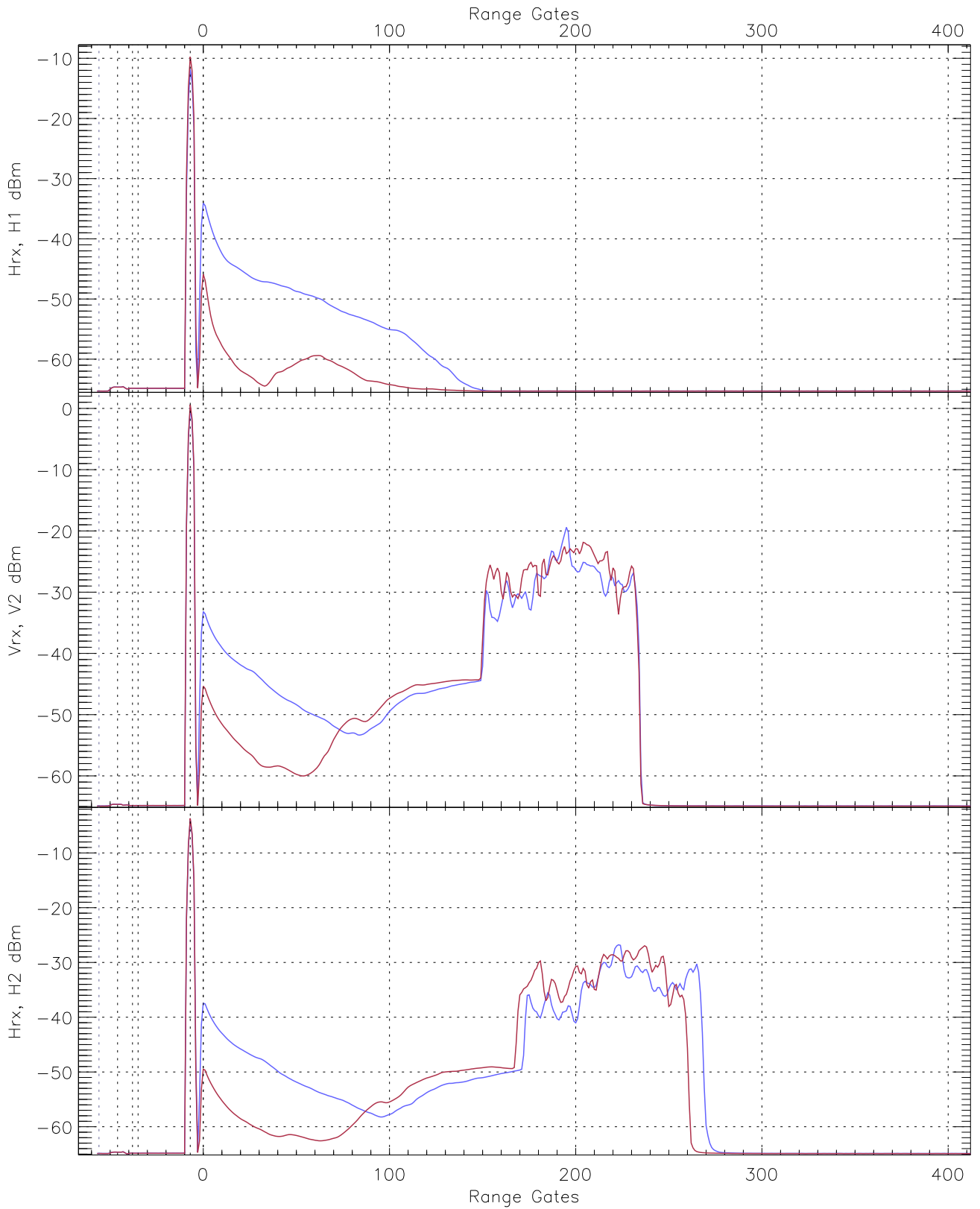
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.70	-64.06	-65.30	-65.31	-76.82
Vrx, V2 (RM [dBm])	-66.21	-63.56	-64.93	-64.93	-76.42
Hrx, H2 (RM [dBm])	-66.14	-63.77	-64.88	-64.89	-76.38

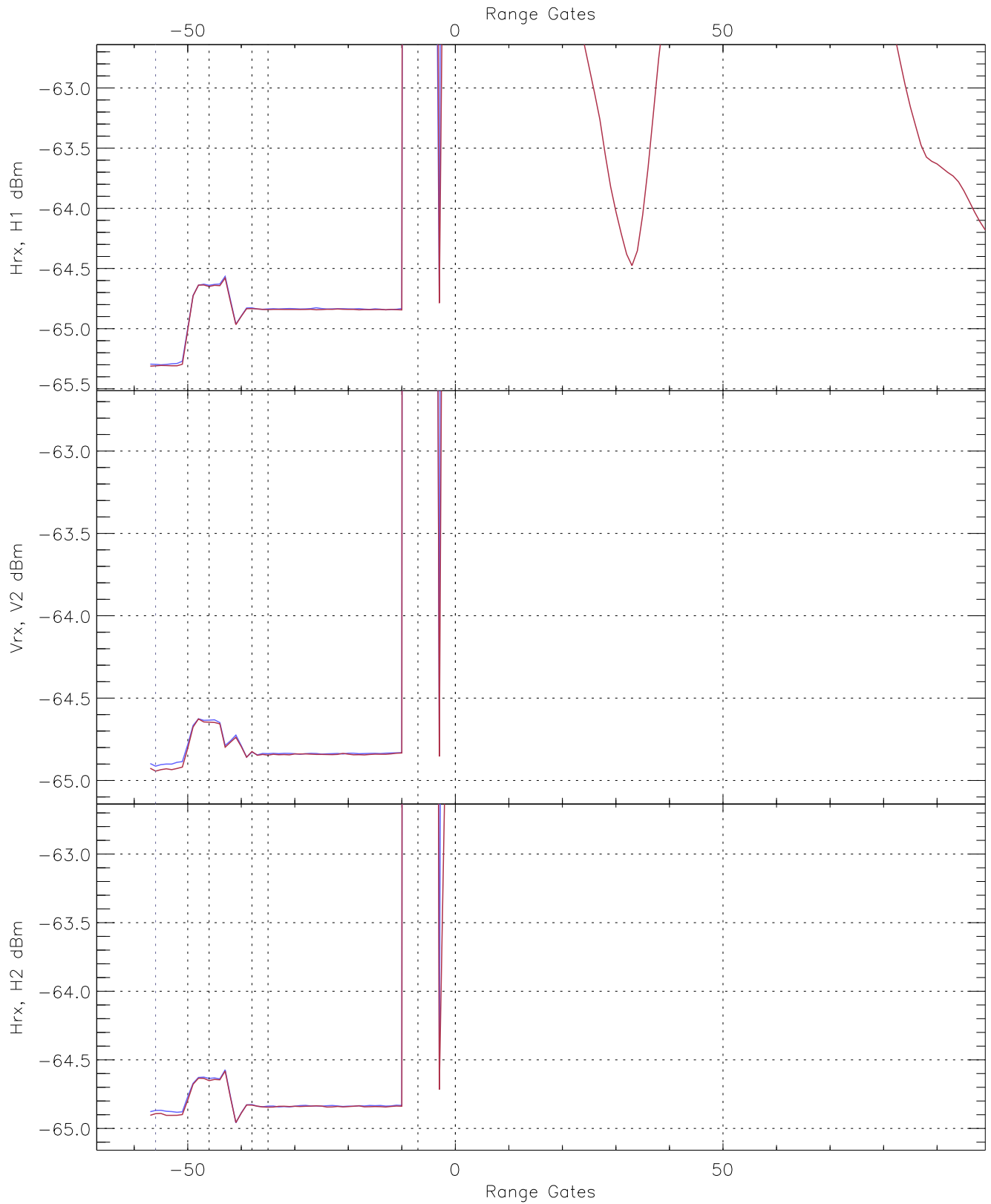


WCR3 CPP "Best" estimate Receivers Noise Power

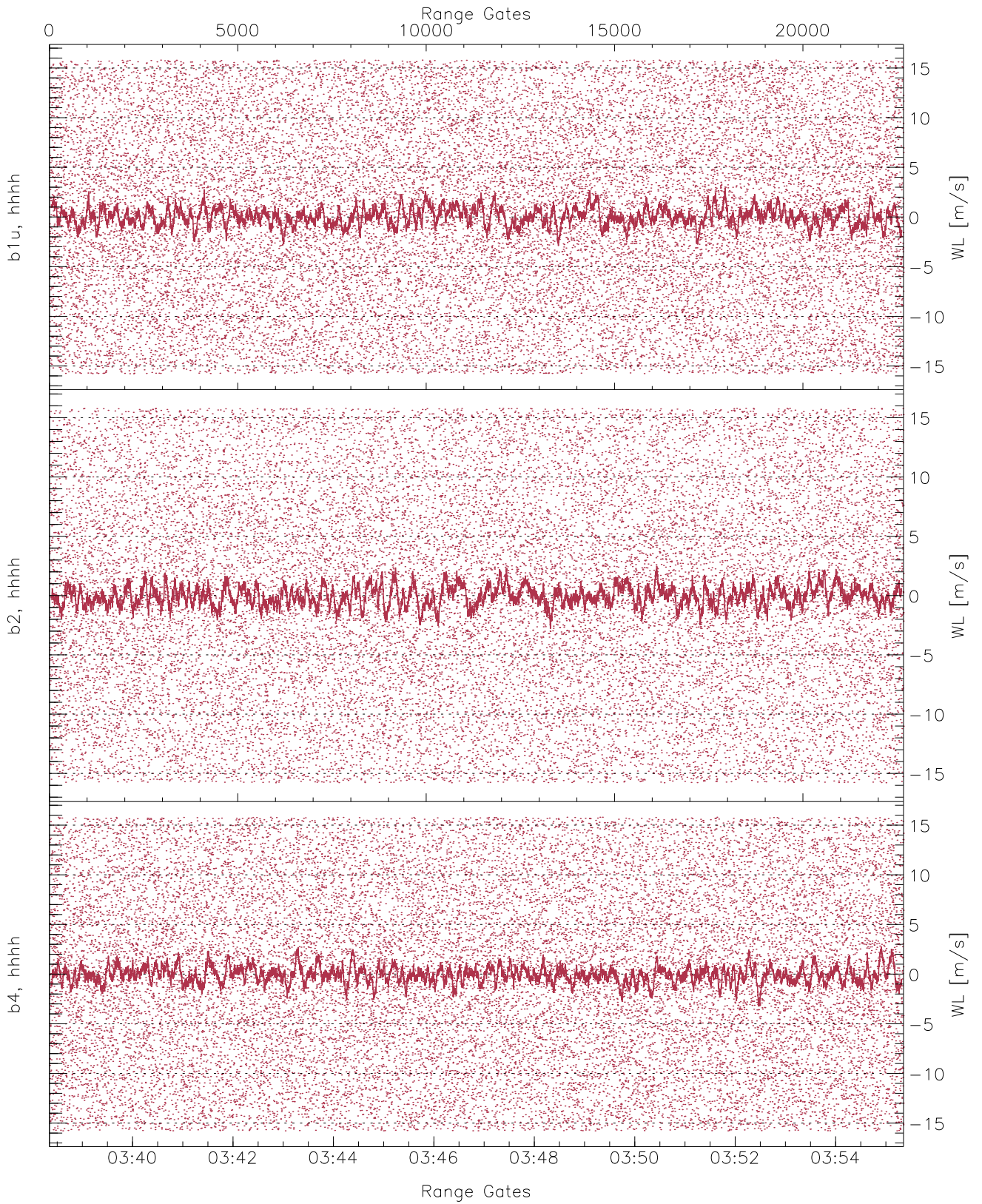
	Min	Max	Mean	Median	StDev
H1RG235_0 [dBm]	-66.56	-64.18	-65.30	-65.31	-76.81
V2RG326_0 [dBm]	-66.19	-63.86	-64.93	-64.93	-76.43
H2RG344_0 [dBm]	-66.18	-63.70	-64.90	-64.91	-76.41



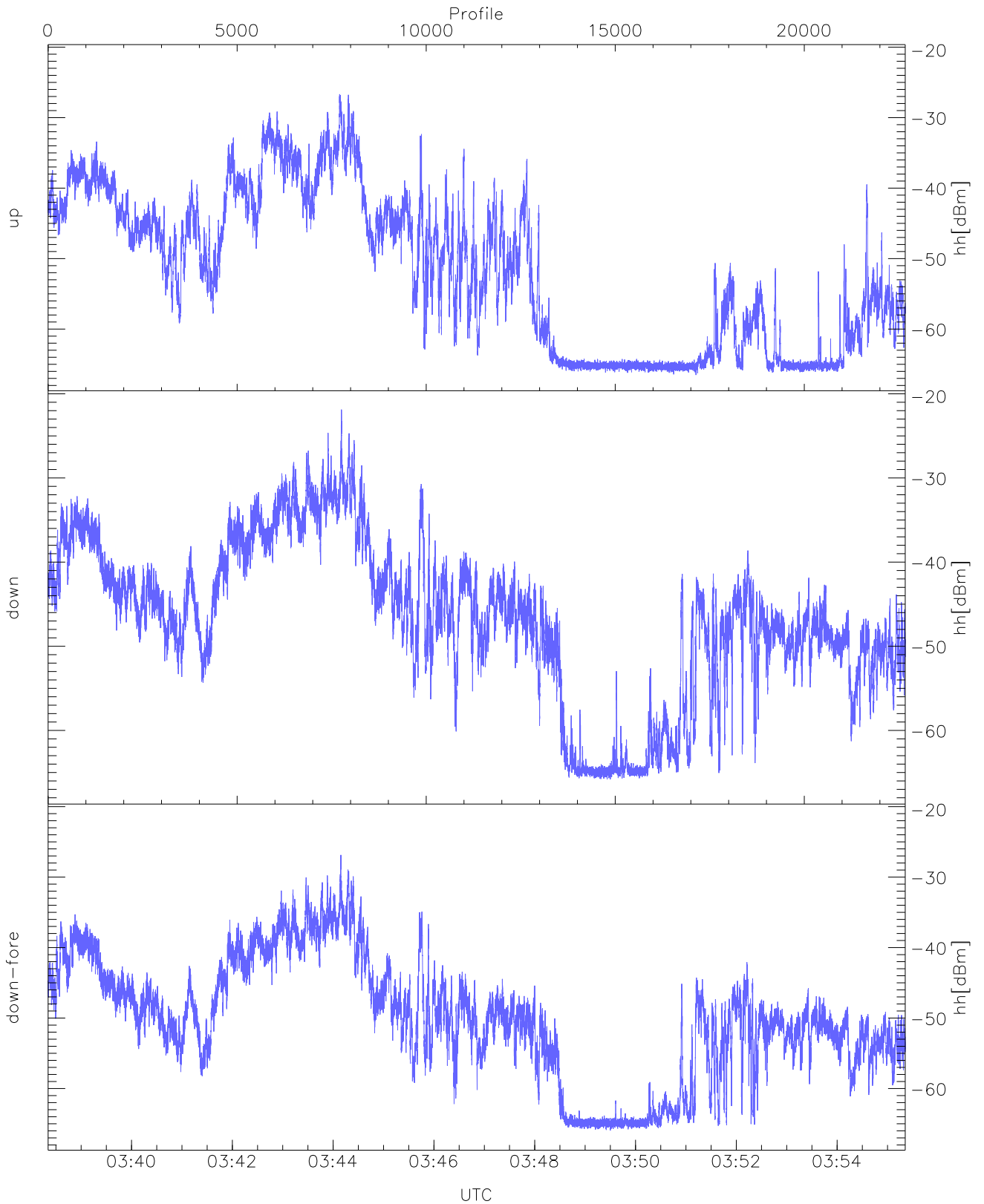
WCR3 CPP Averaged Received power for all recorded gates
blue: 033821-034651, 11337 profiles averaged
red: 034651-035521, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 033821-034651, 11337 profiles averaged
red: 034651-035521, 11336 profiles averaged

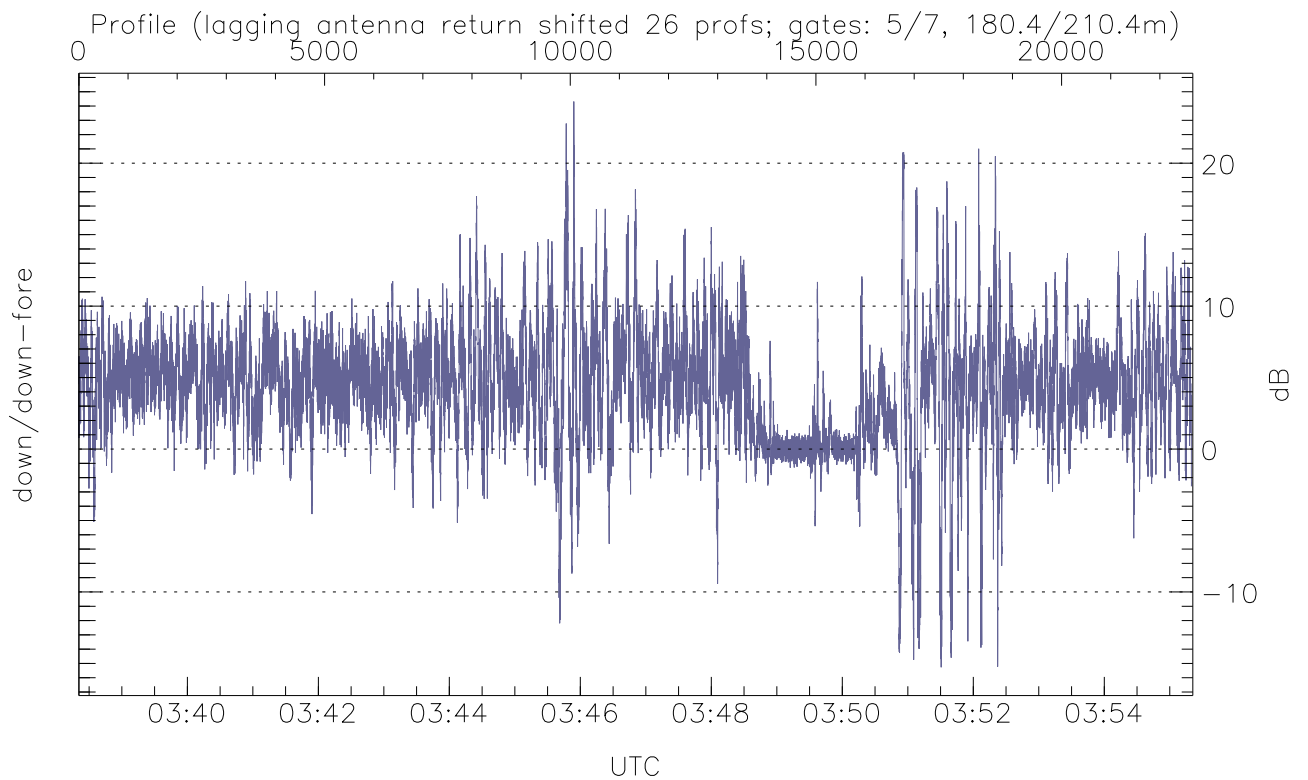
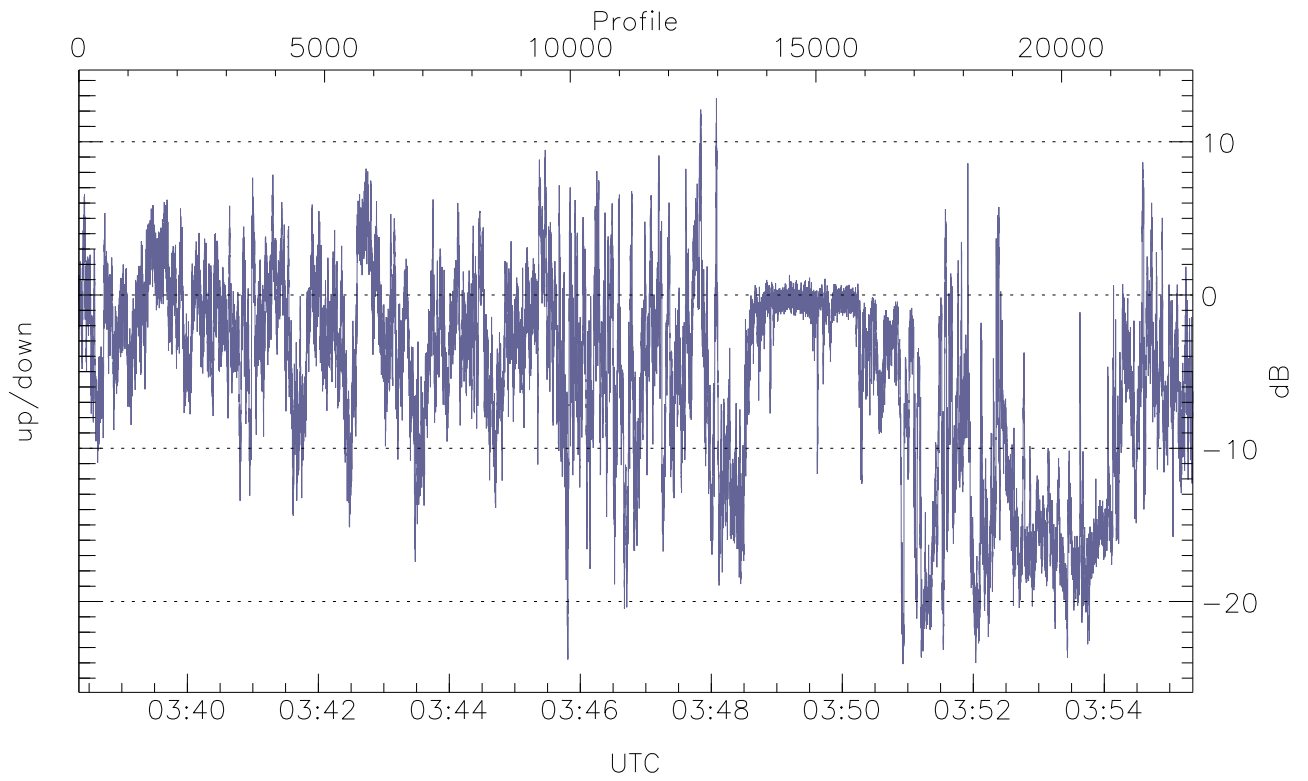


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



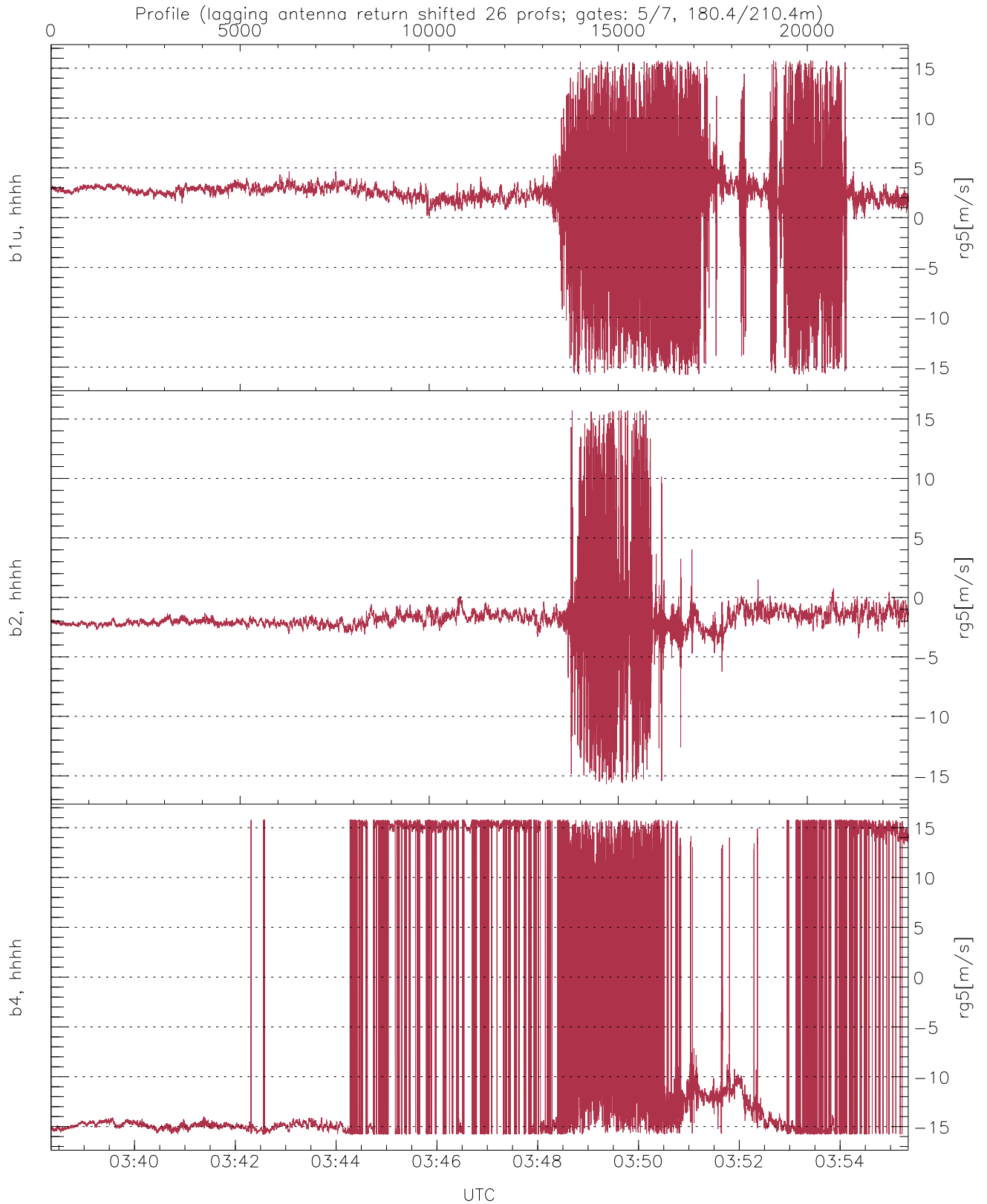
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.52	-26.67	-41.71
down(hh[dBm])	-65.80	-21.87	-39.41
down-fore(hh[dBm])	-65.96	-26.86	-43.30



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

	Min	Max	Mean
up/down (dB)	-24.08	12.83	-5.16
down/down-fore (dB)	-15.27	24.32	4.34



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.79	15.78	2.02	3.96
b2, hhhh(rg5[m/s])	-15.69	15.73	-1.75	2.20
b4, hhhh(rg5[m/s])	-15.79	15.79	-5.26	13.29