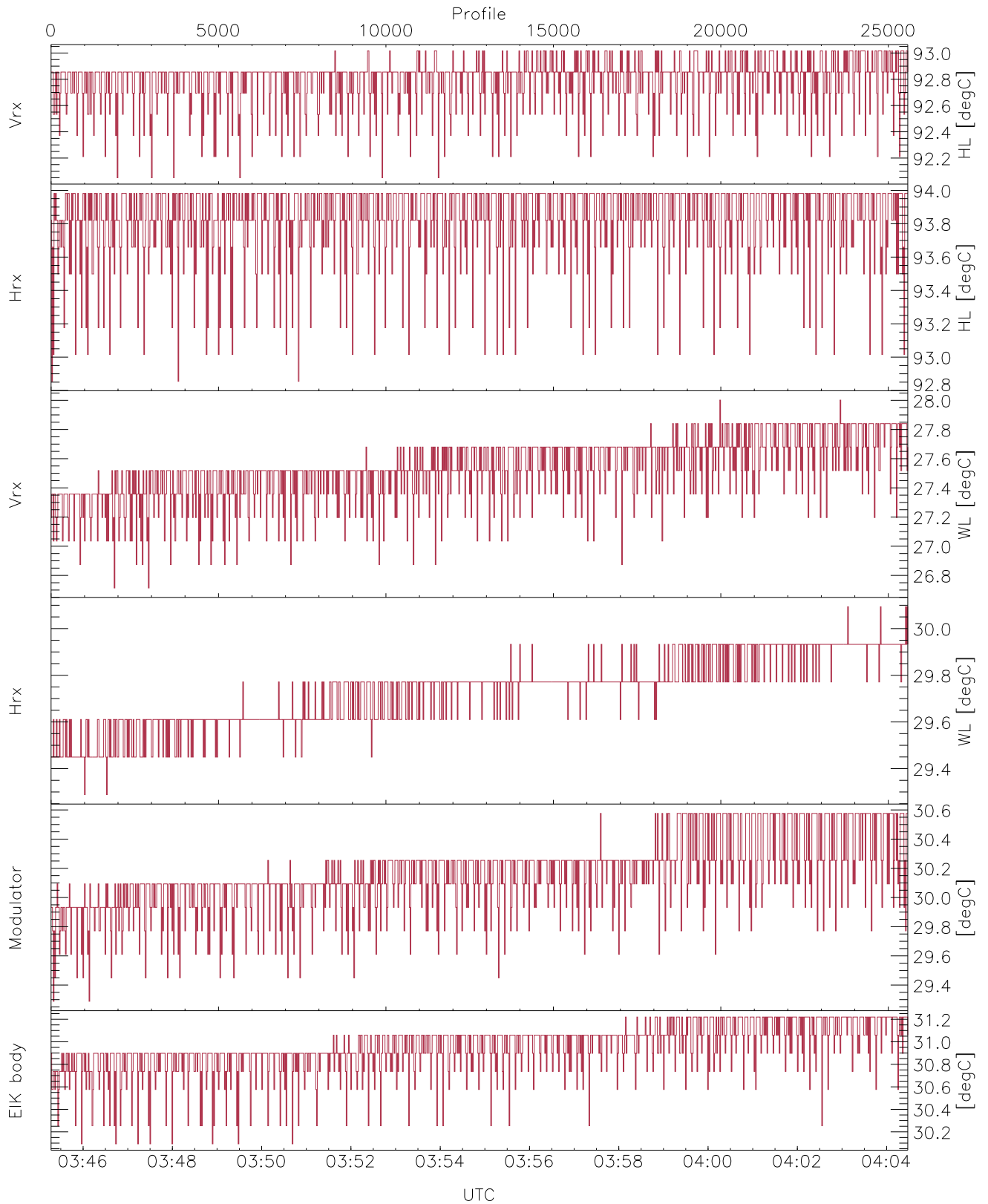


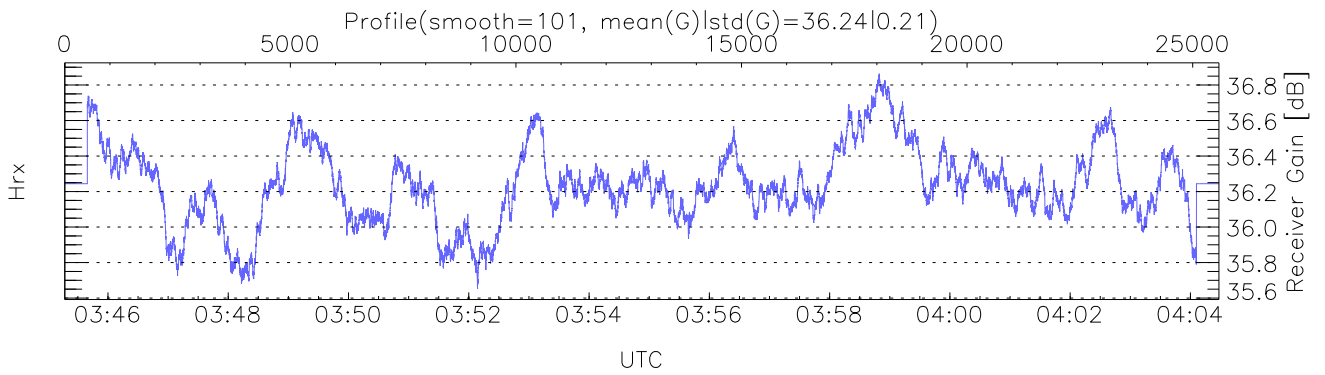
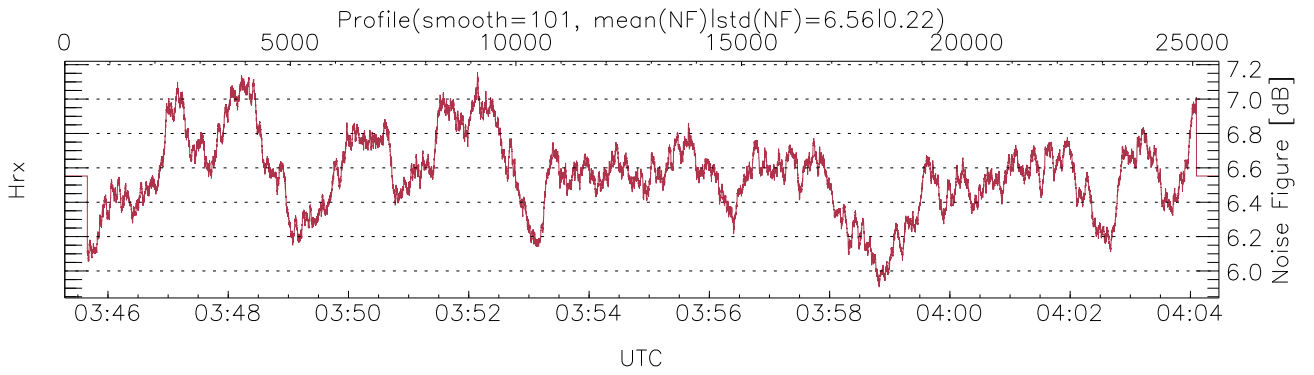
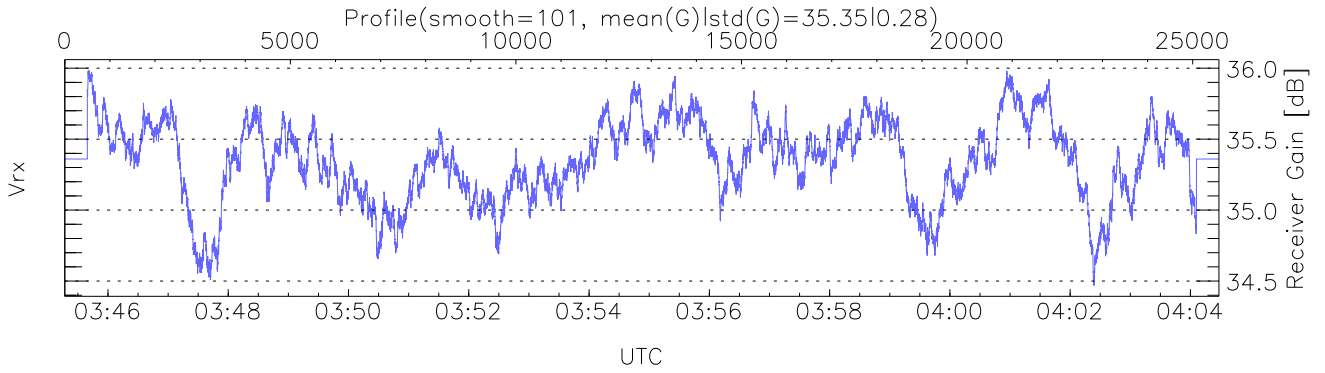
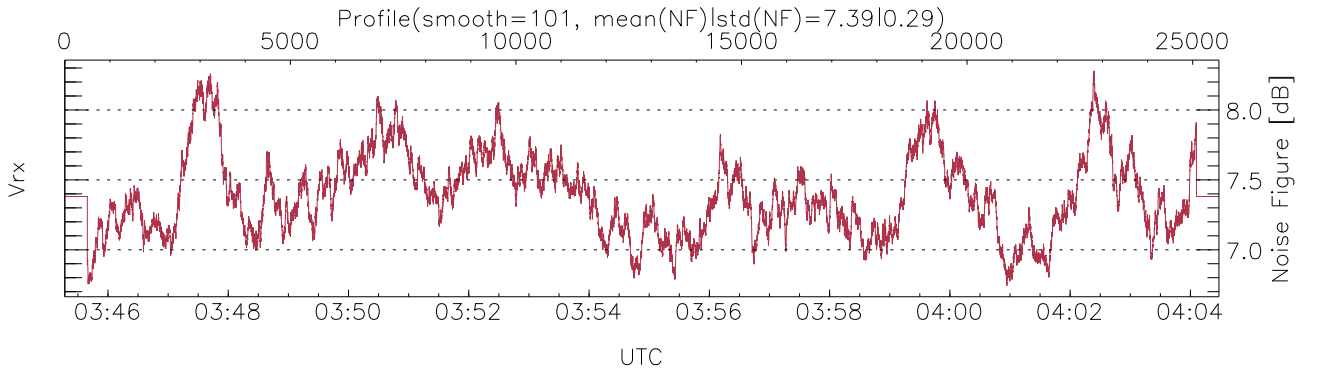
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 03:45:17-04:04:28, TimeCor: 0.00s, Dur: 1151.52s
 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): 25584/25584, 0-25583/03:45:17-04:04:28
 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



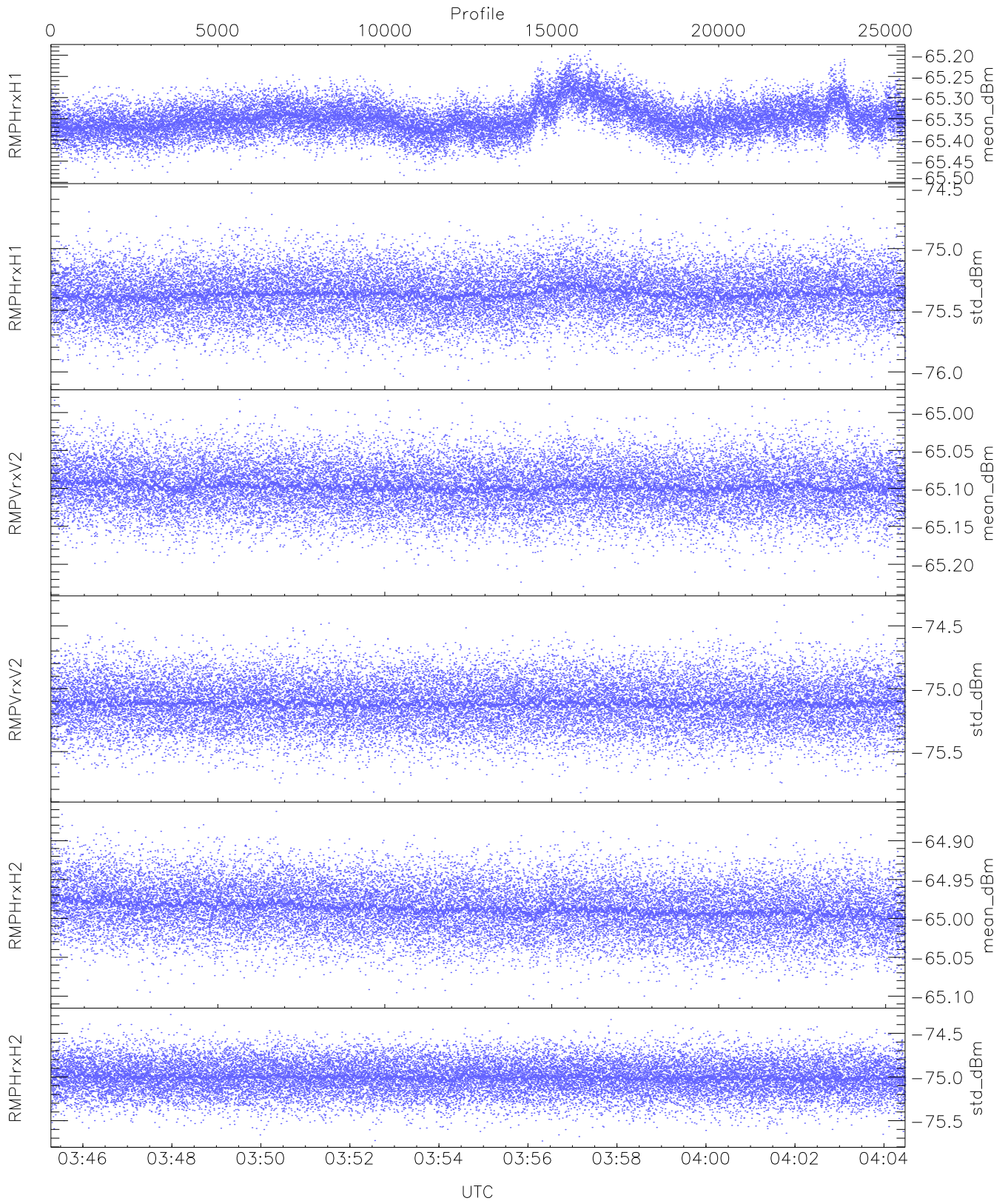
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,92,26,29,29,30`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,93,28,30,30,31`
`LOalarm(20,240,2817,14861 MHz): 0,0,24,0`
`EIK/Modulator Faults: None`



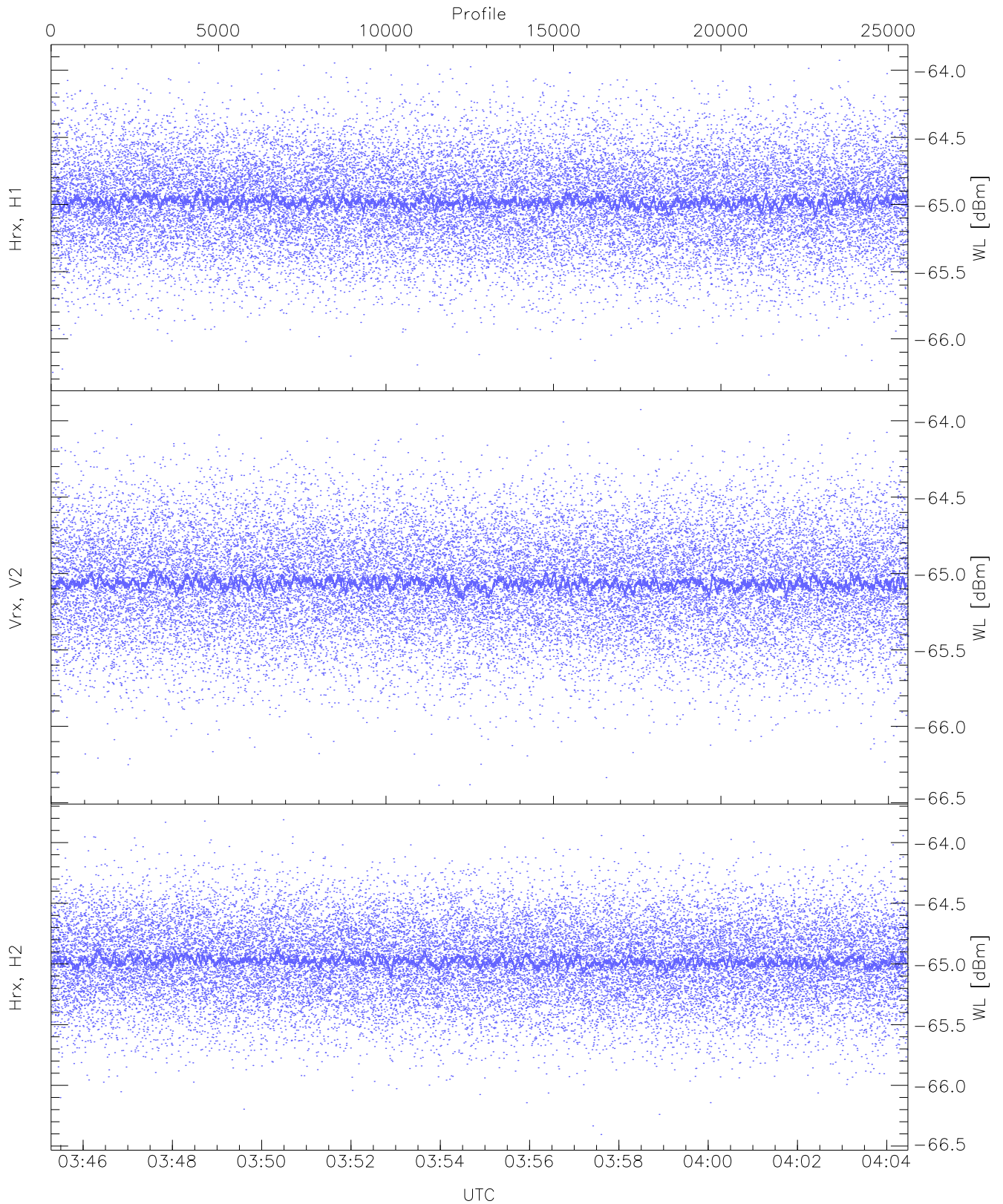
WCR3 CPP Receivers Gain and Noise Figure

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



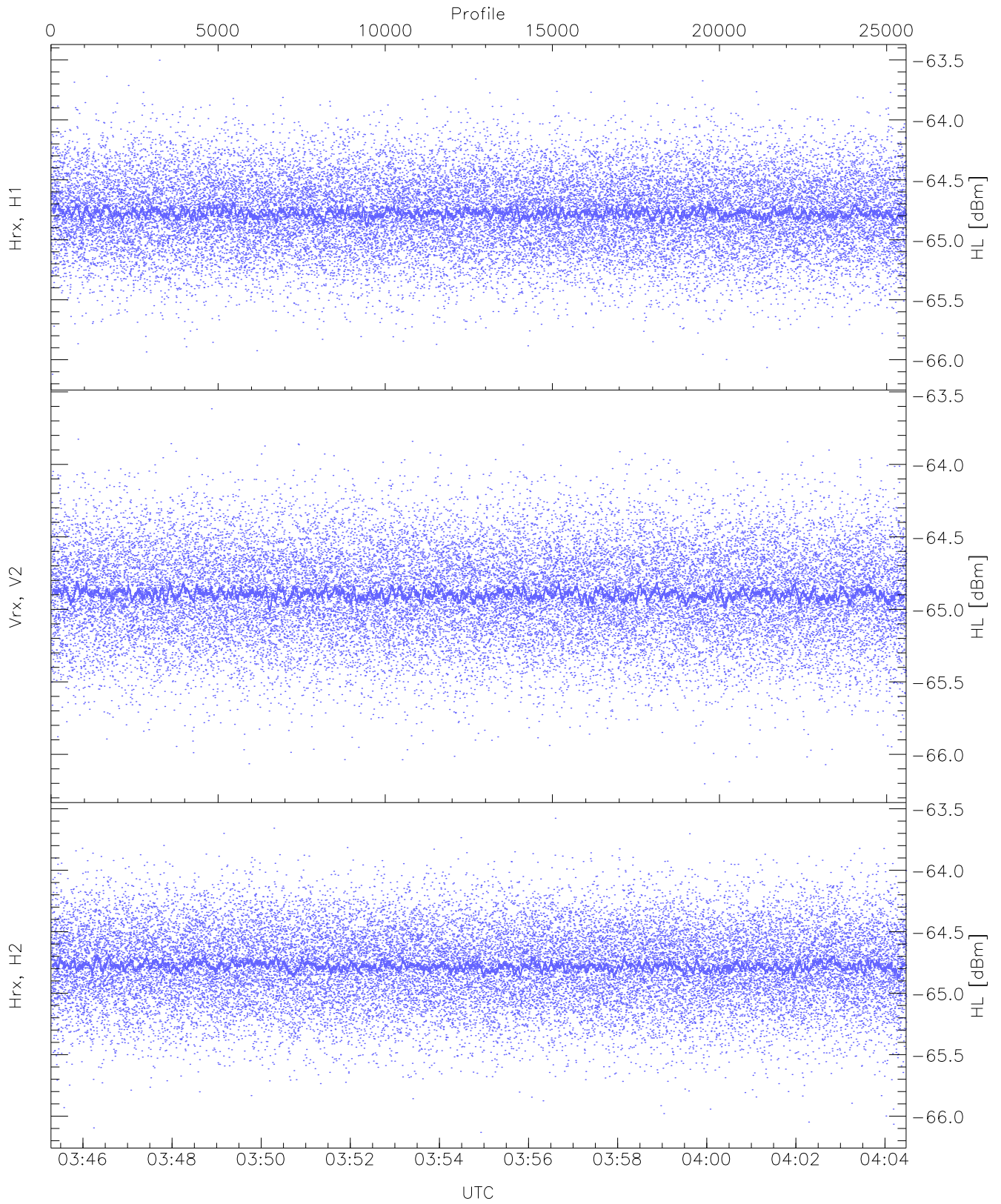
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.49	-65.19	-65.35	-65.35	-85.94
RMPHrxH1(std_dBm)	-76.07	-74.55	-75.37	-75.37	-89.14
RMPVrxV2(mean_dBm)	-65.23	-64.98	-65.10	-65.10	-86.69
RMPVrxV2(std_dBm)	-75.83	-74.34	-75.12	-75.12	-88.90
RMPHrxH2(mean_dBm)	-65.10	-64.86	-64.99	-64.99	-86.54
RMPHrxH2(std_dBm)	-75.73	-74.28	-75.00	-75.01	-88.77



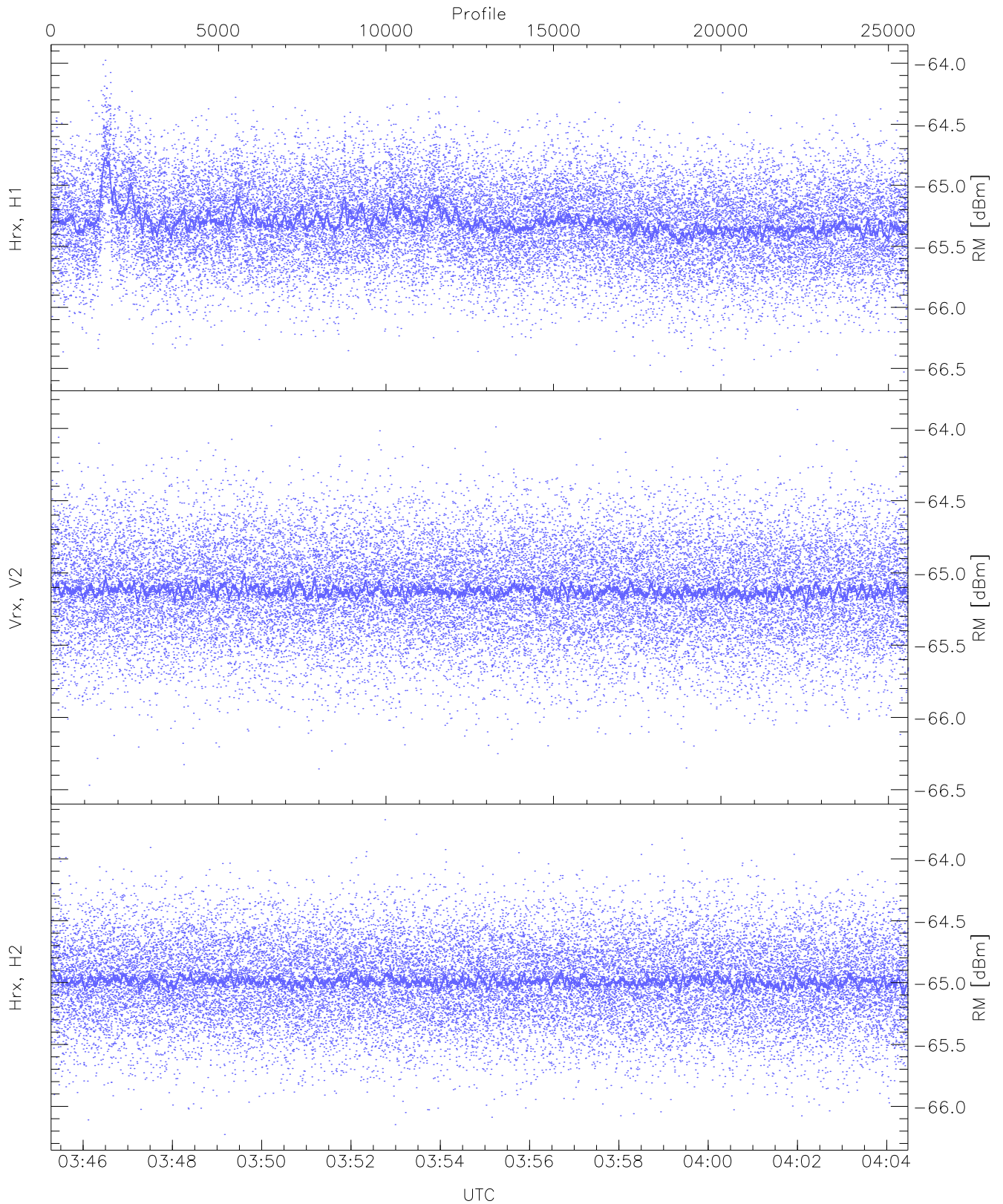
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.27	-63.93	-64.97	-64.98	-76.48
Vrx, V2 (WL [dBm])	-66.39	-63.93	-65.06	-65.07	-76.53
Hrx, H2 (WL [dBm])	-66.40	-63.81	-64.97	-64.98	-76.45



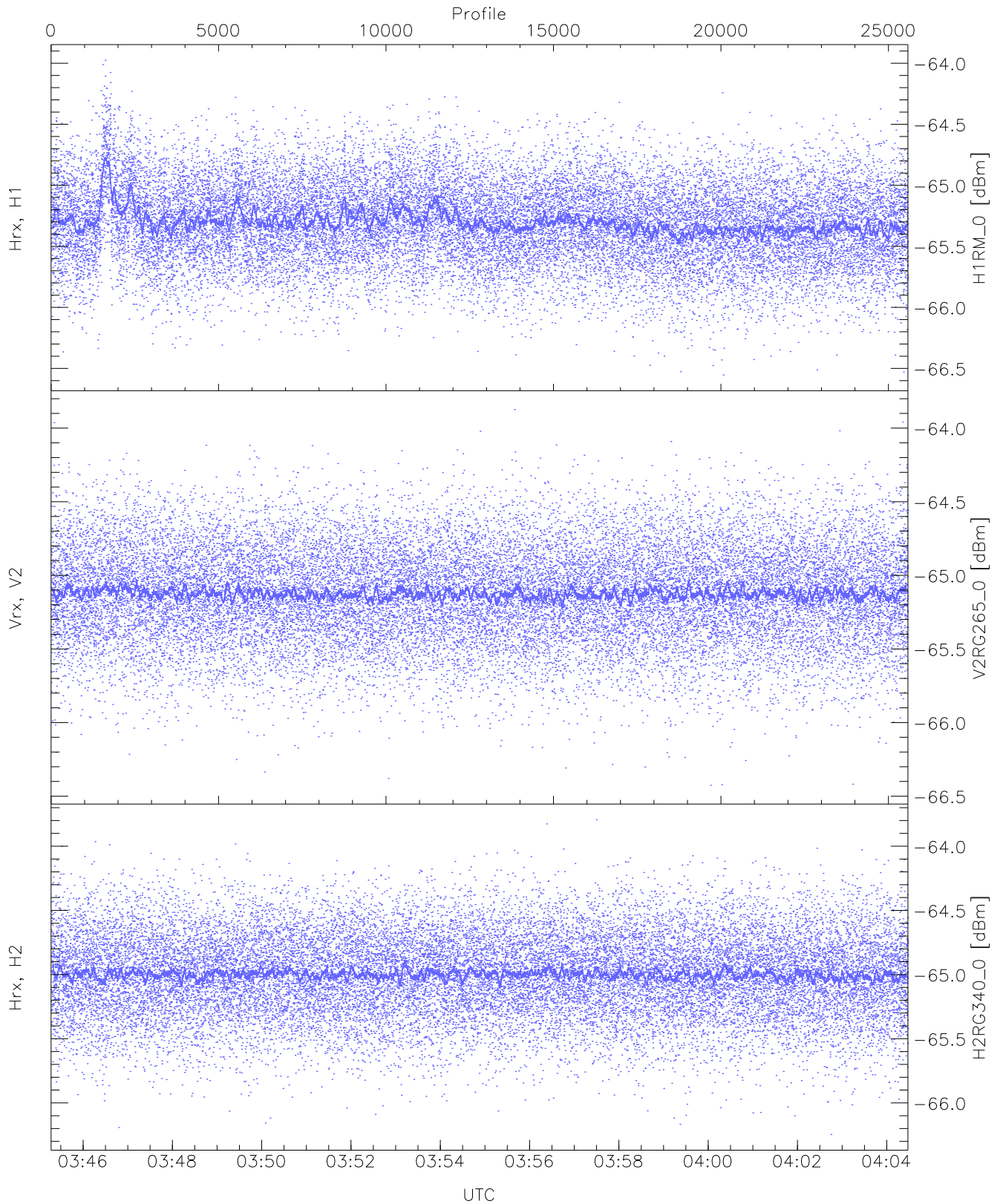
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.12	-63.50	-64.77	-64.78	-76.28
Vrx, V2 (HL [dBm])	-66.20	-63.62	-64.89	-64.90	-76.37
Hrx, H2 (HL [dBm])	-66.13	-63.58	-64.77	-64.78	-76.28



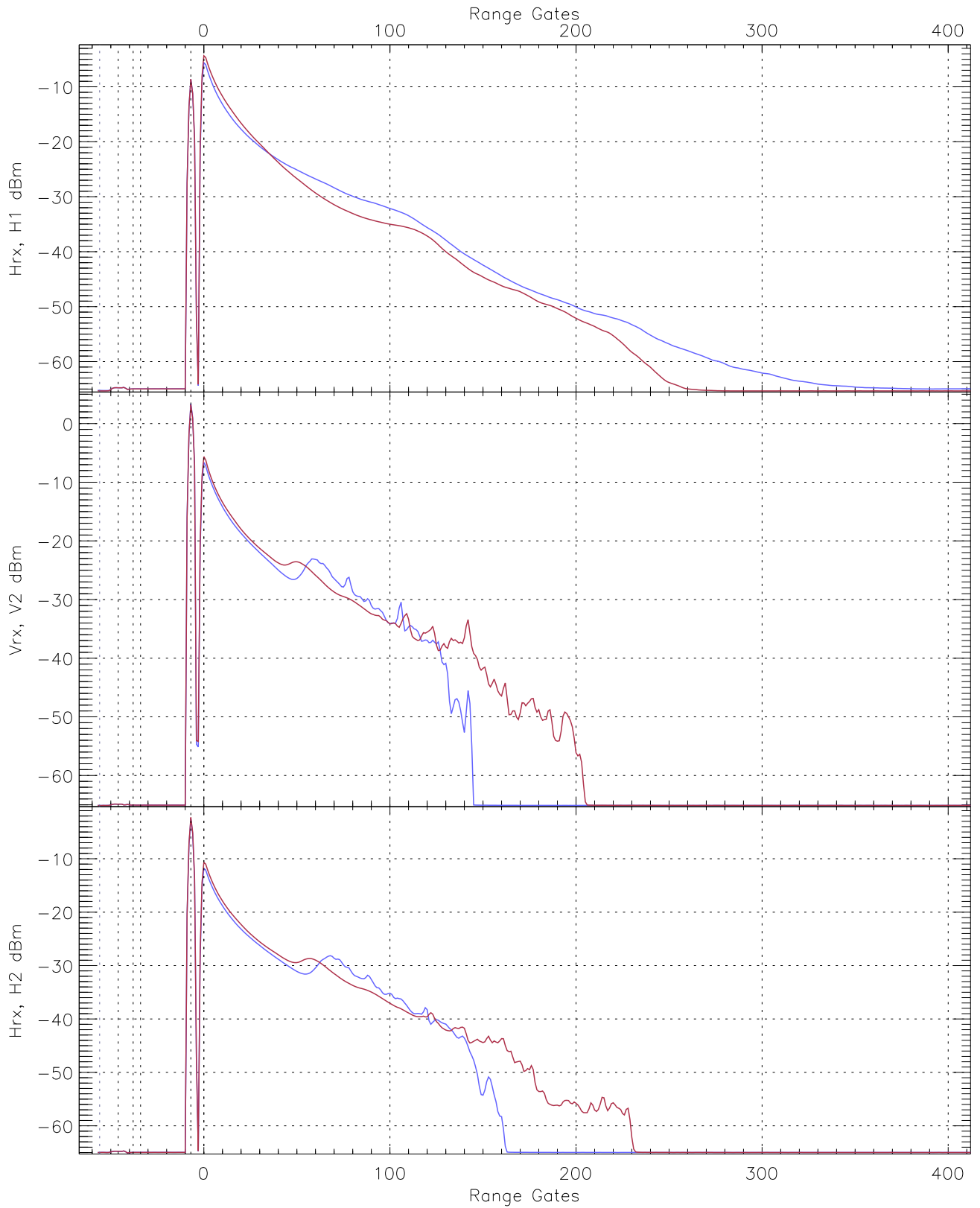
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.55	-63.98	-65.30	-65.30	-76.65
Vrx, V2 (RM [dBm])	-66.47	-63.87	-65.12	-65.12	-76.61
Hrx, H2 (RM [dBm])	-66.23	-63.68	-64.98	-64.99	-76.46

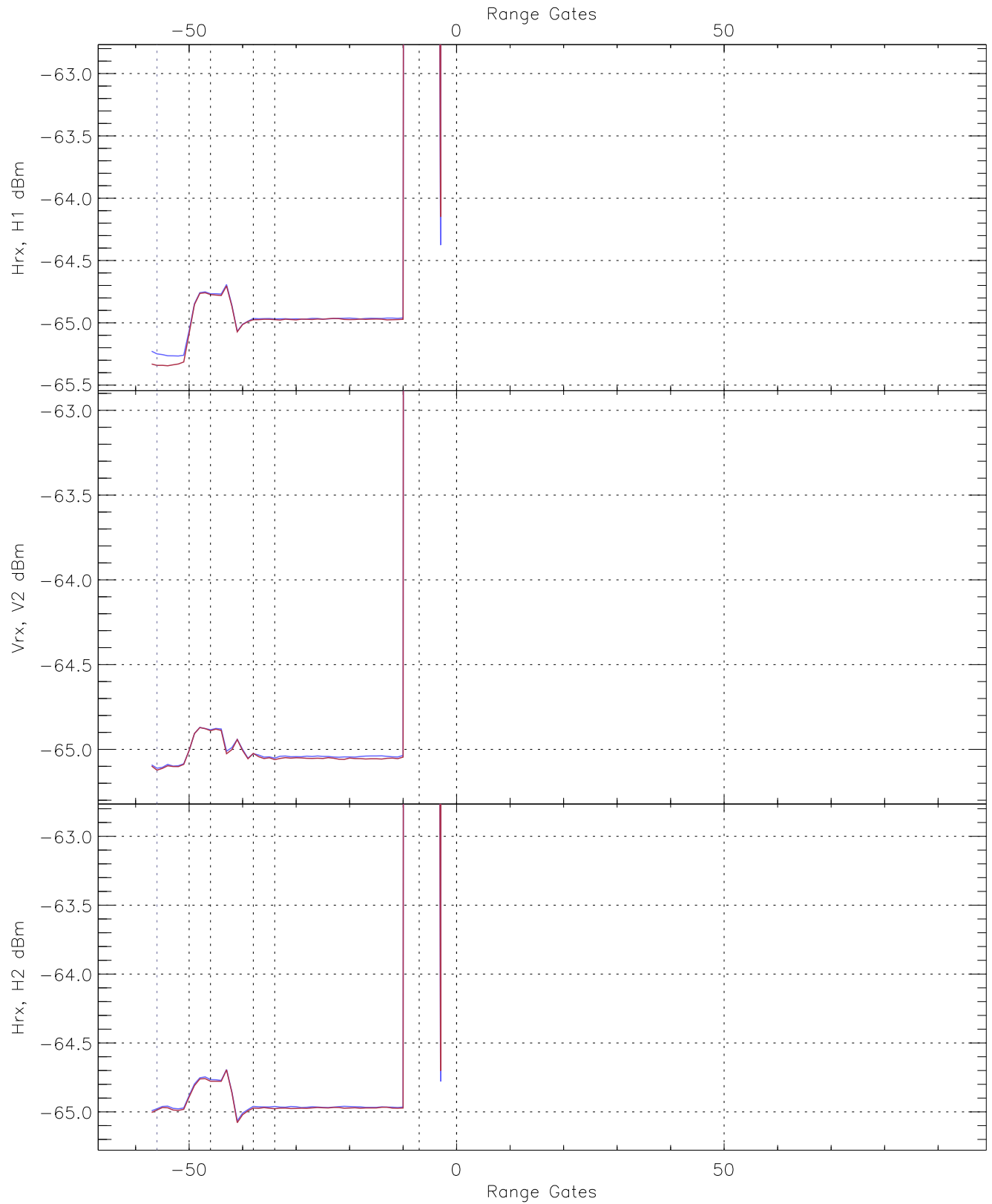


WCR3 CPP "Best" estimate Receivers Noise Power

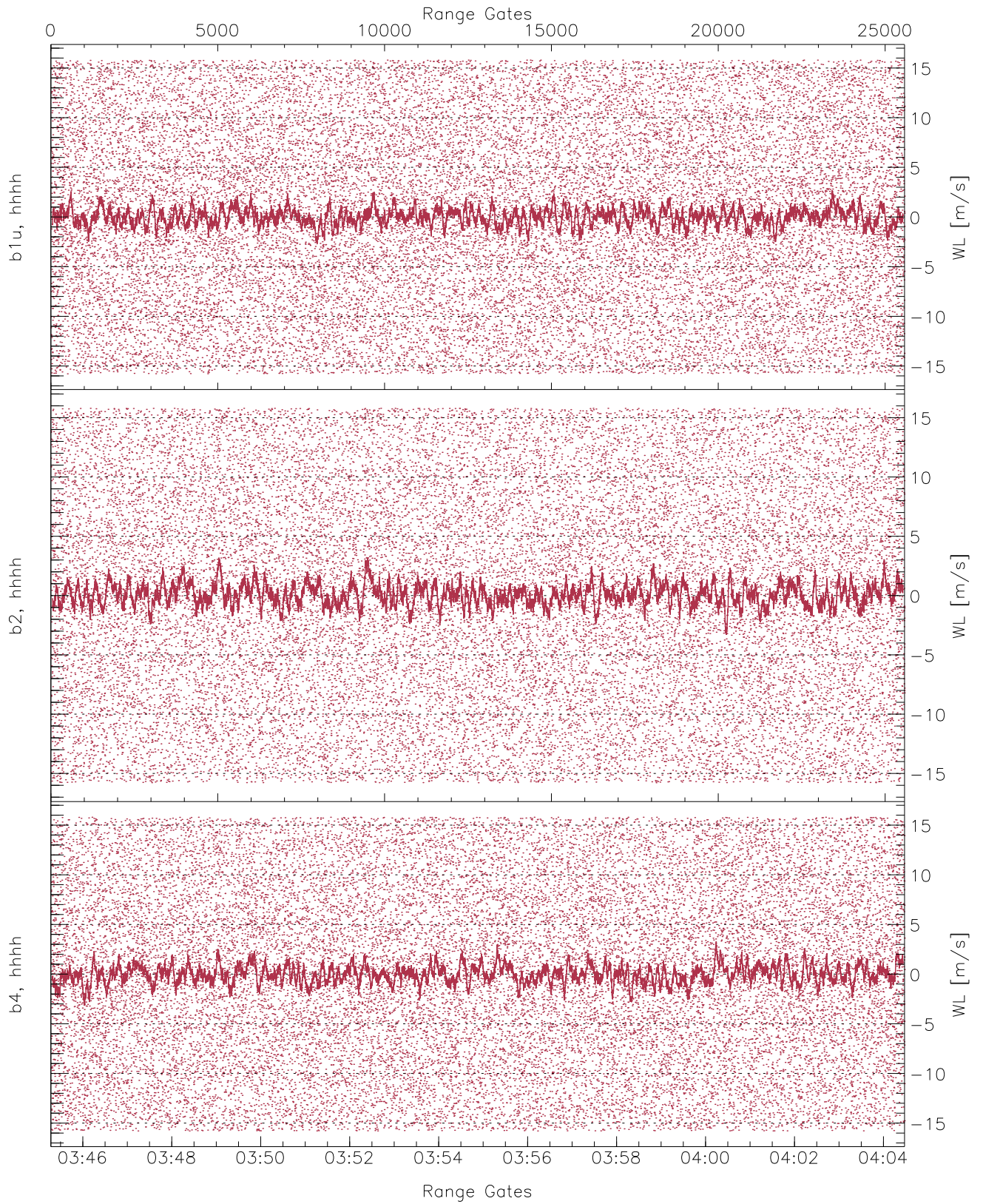
	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-66.55	-63.98	-65.30	-65.30	-76.65
V2RG265_0 [dBm]	-66.43	-63.87	-65.12	-65.12	-76.61
H2RG340_0 [dBm]	-66.25	-63.79	-64.99	-65.00	-76.53



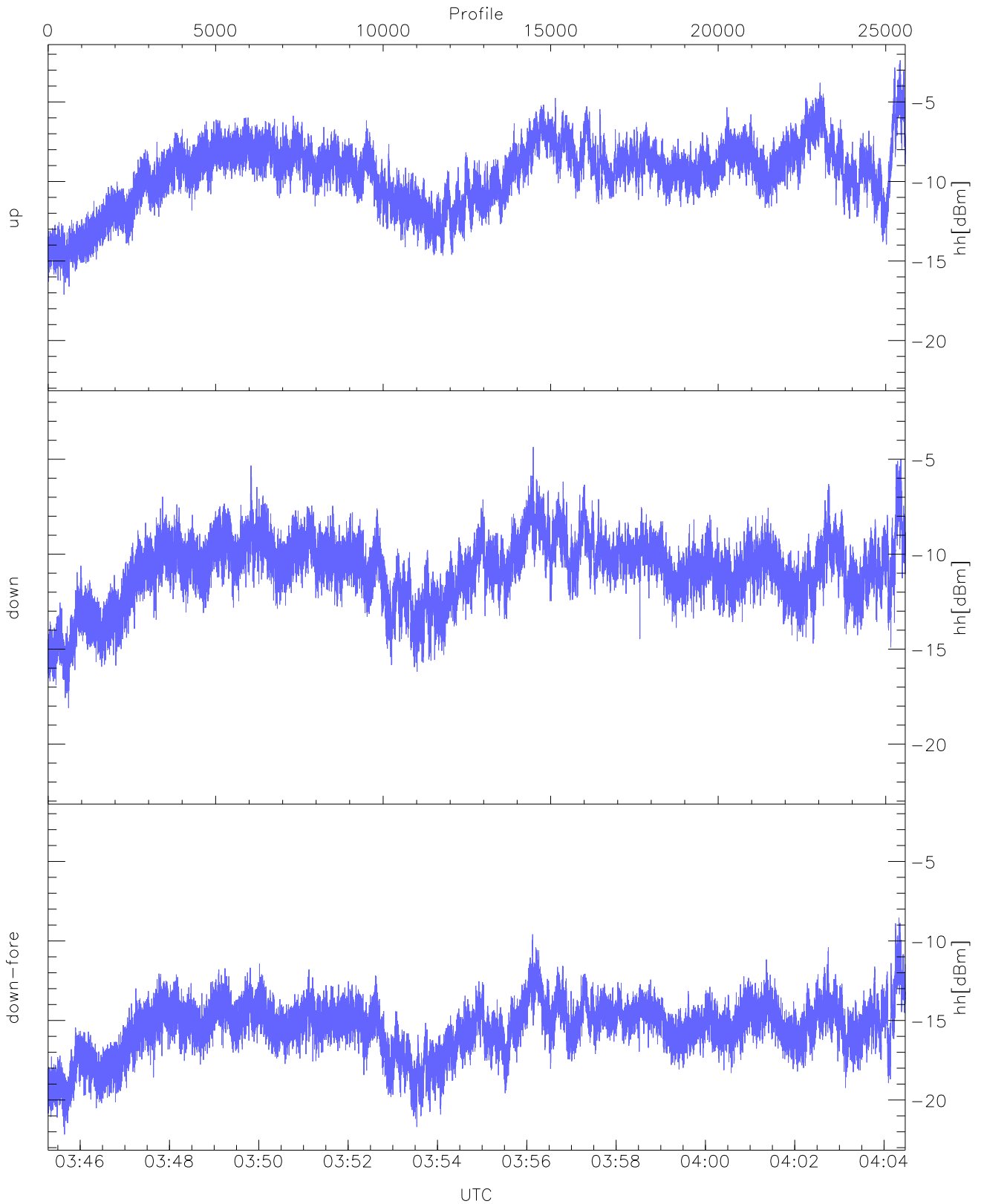
WCR3 CPP Averaged Received power for all recorded gates
blue: 034517-035453, 12793 profiles averaged
red: 035453-040428, 12792 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 034517-035453, 12793 profiles averaged
red: 035453-040428, 12792 profiles averaged

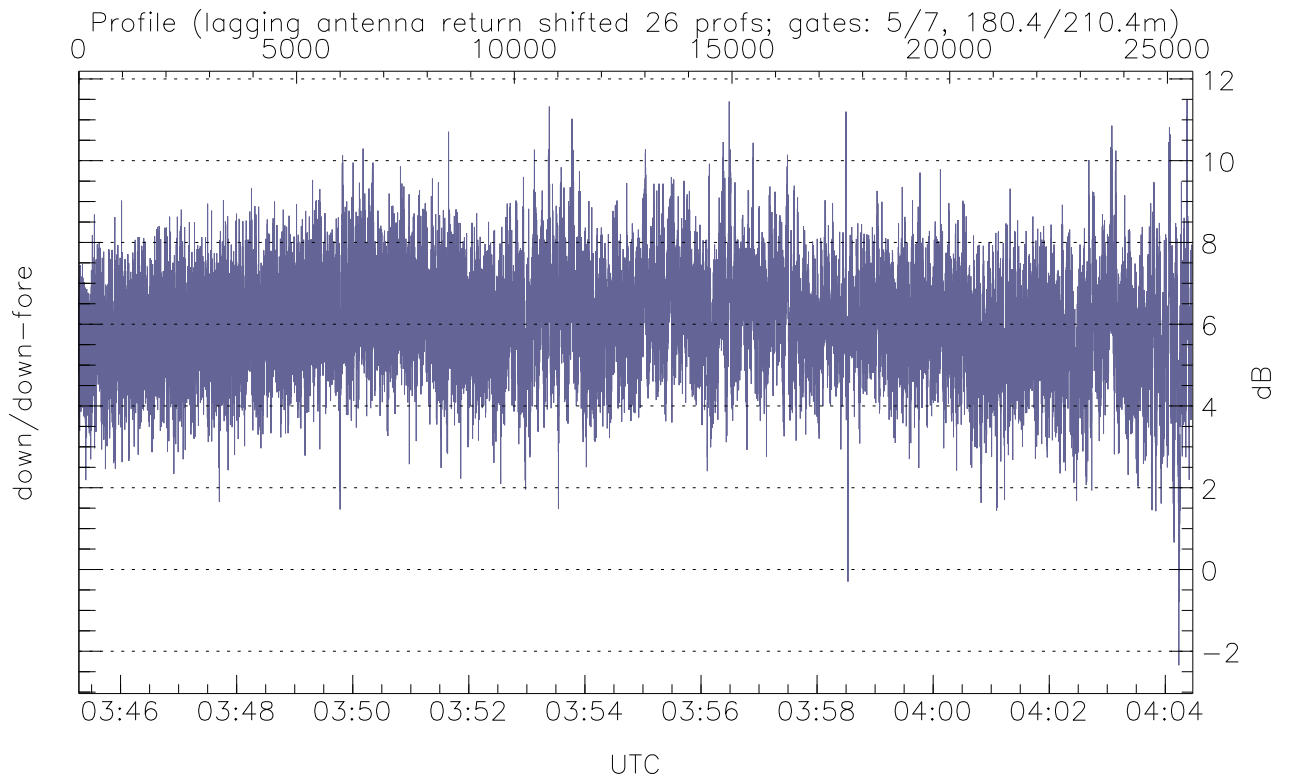
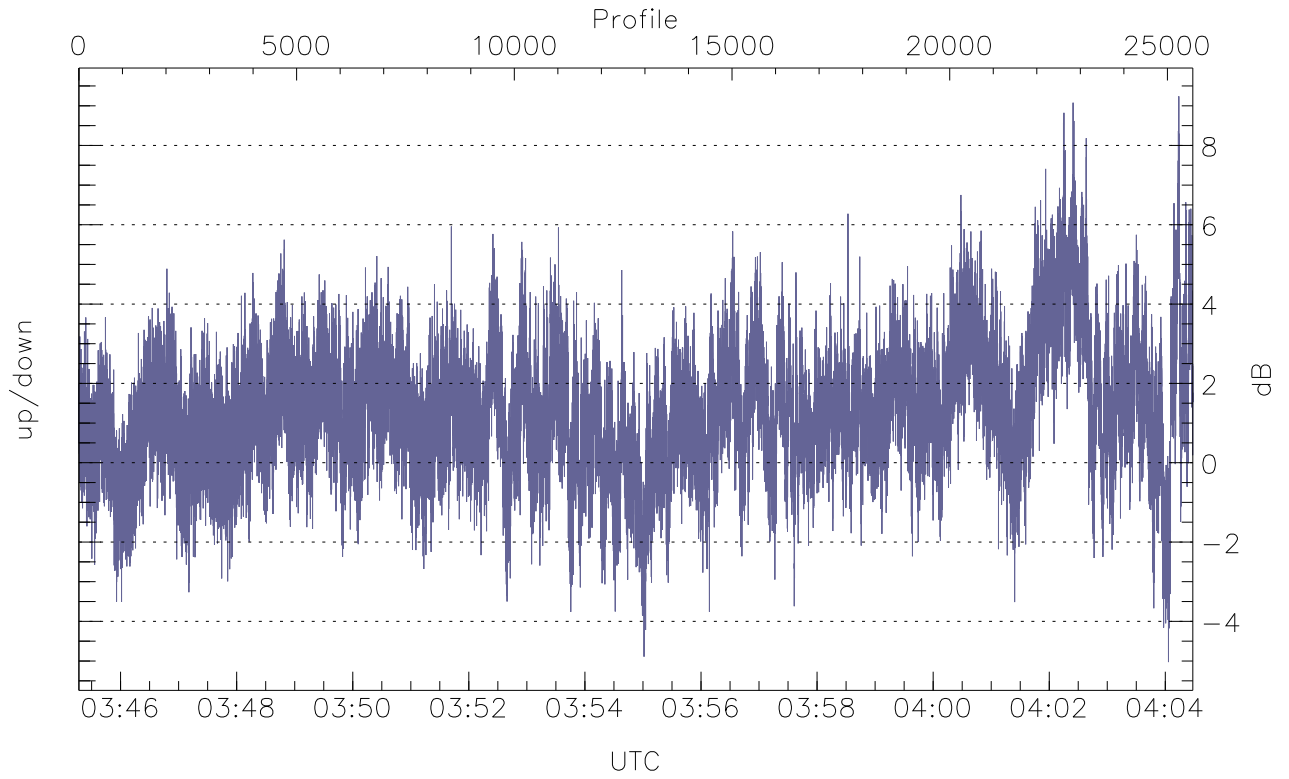


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



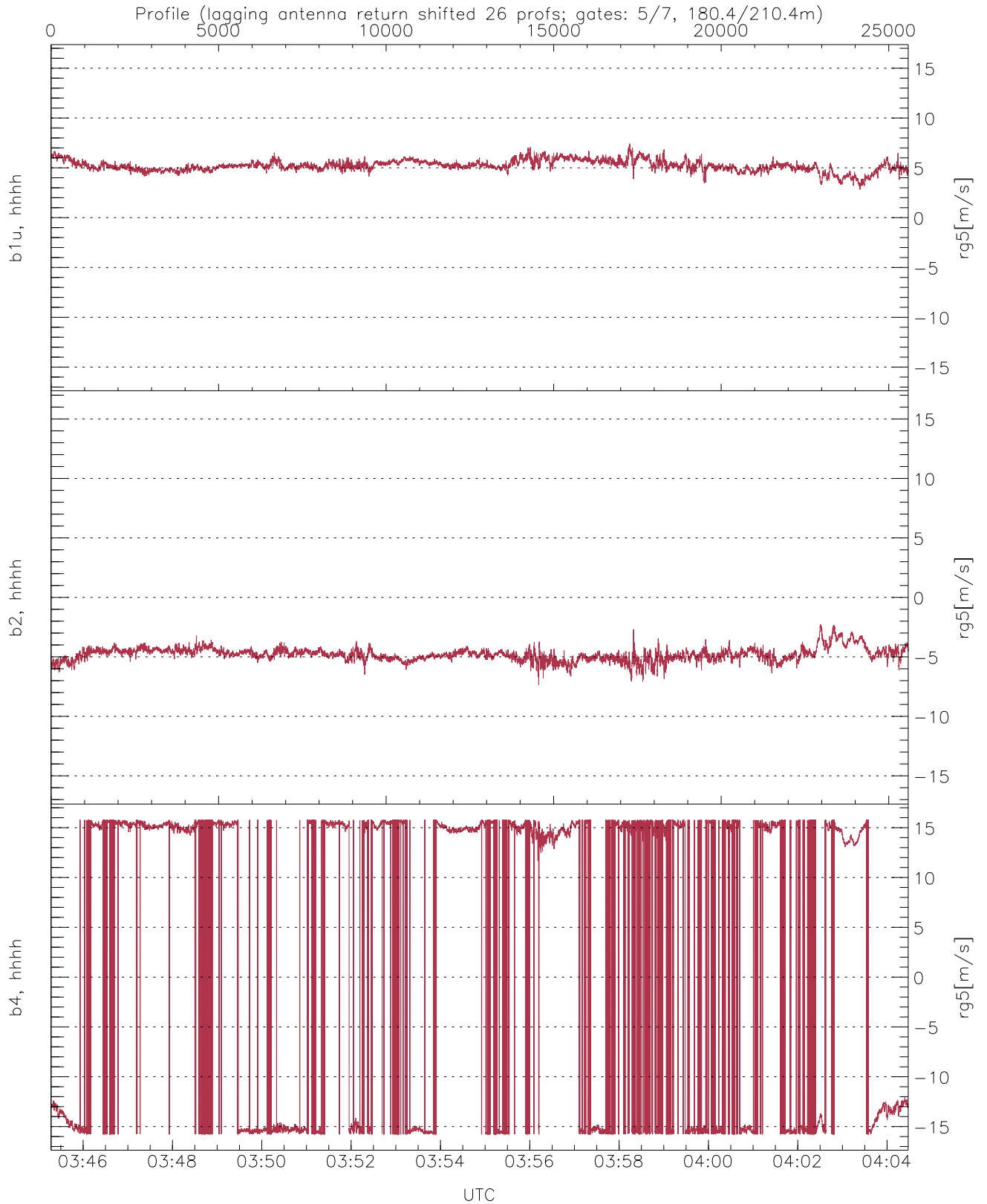
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-17.11	-2.38	-9.07
down(hh[dBm])	-18.10	-4.36	-10.50
down-fore(hh[dBm])	-22.17	-8.55	-15.16



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

	Min	Max	Mean
up/down (dB)	-5.03	9.24	1.32
down/down-fore (dB)	-2.34	11.50	6.03



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	2.82	7.42	5.21	0.56
b2, hhhh(rg5[m/s])	-7.36	-2.29	-4.80	0.55
b4, hhhh(rg5[m/s])	-15.79	15.79	2.20	14.99