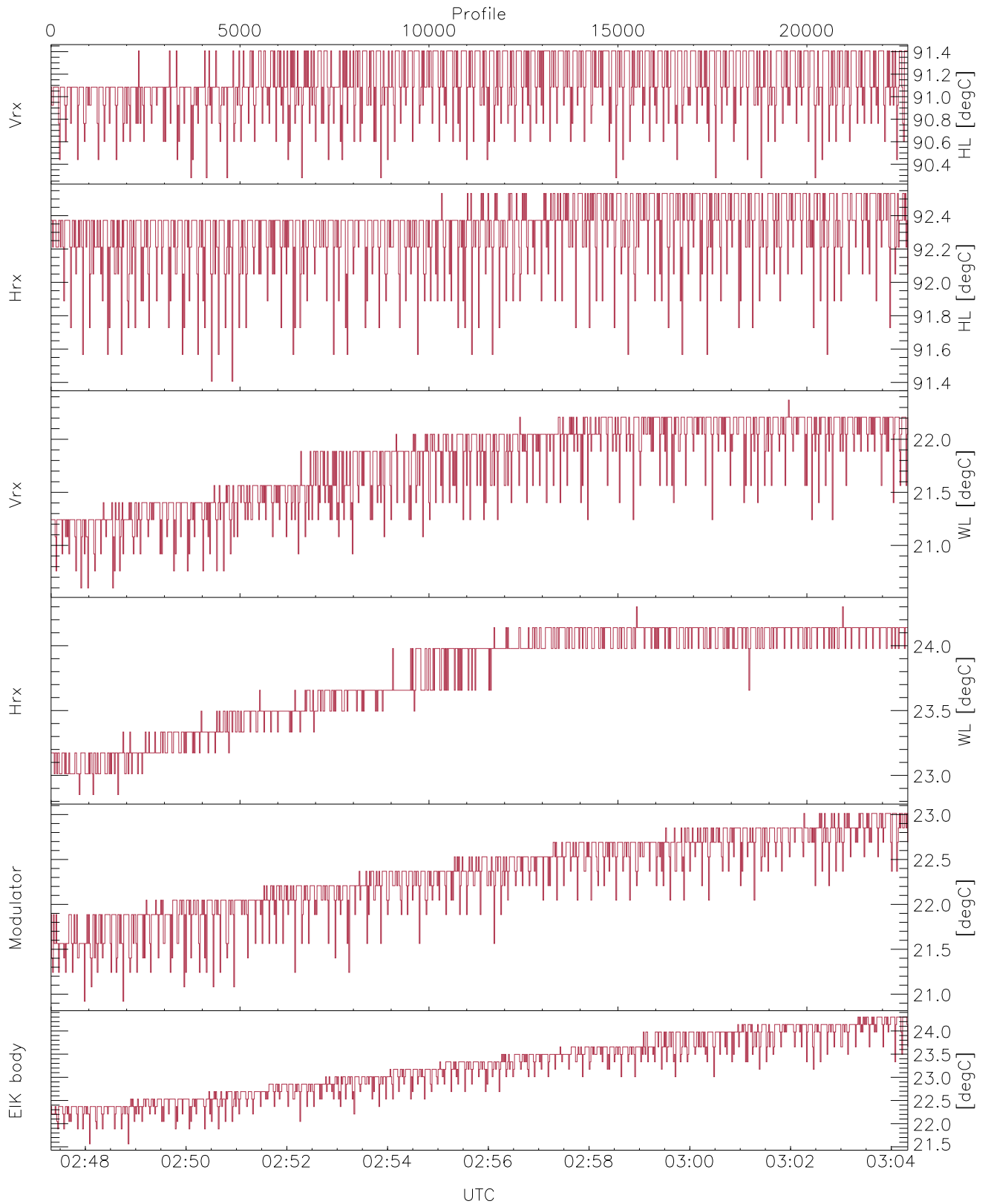


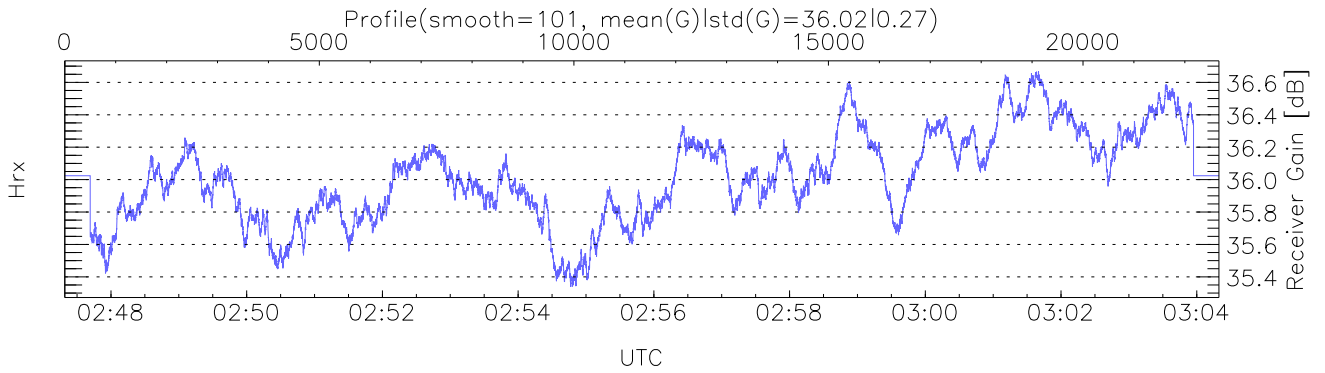
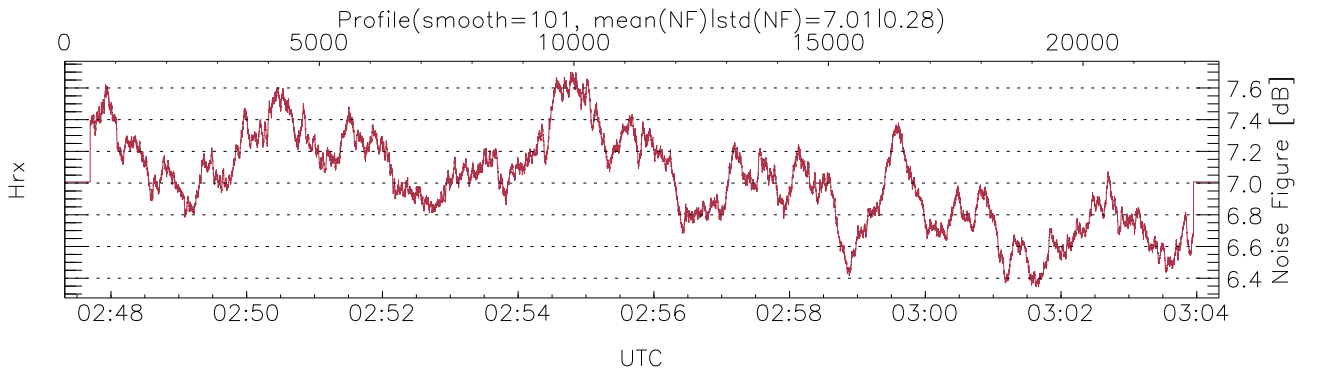
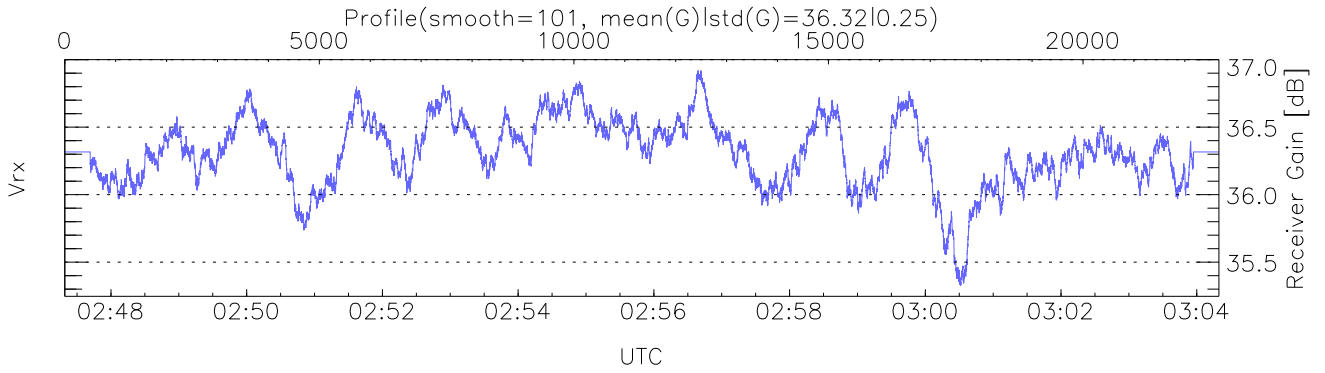
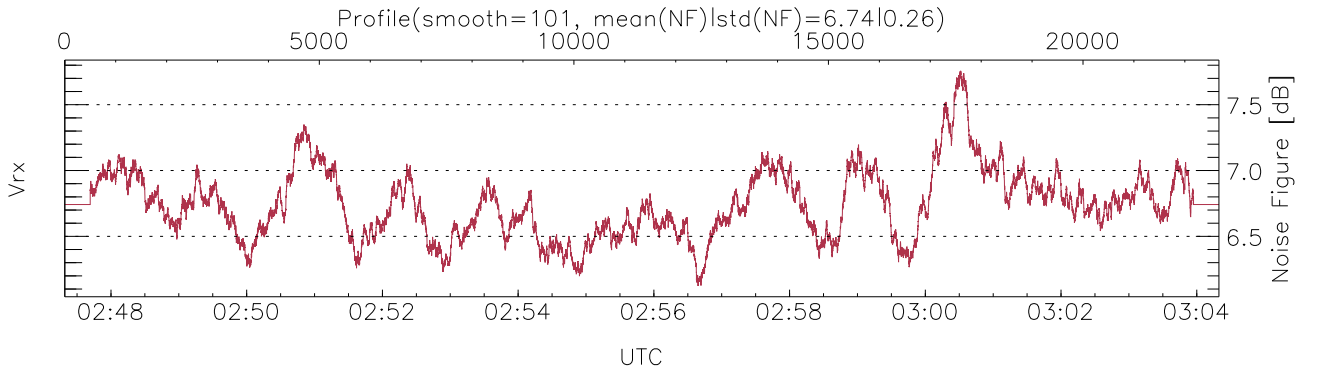
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 02:47:19-03:04:20, 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, 0-22671/02:47:19-03:04:20
 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



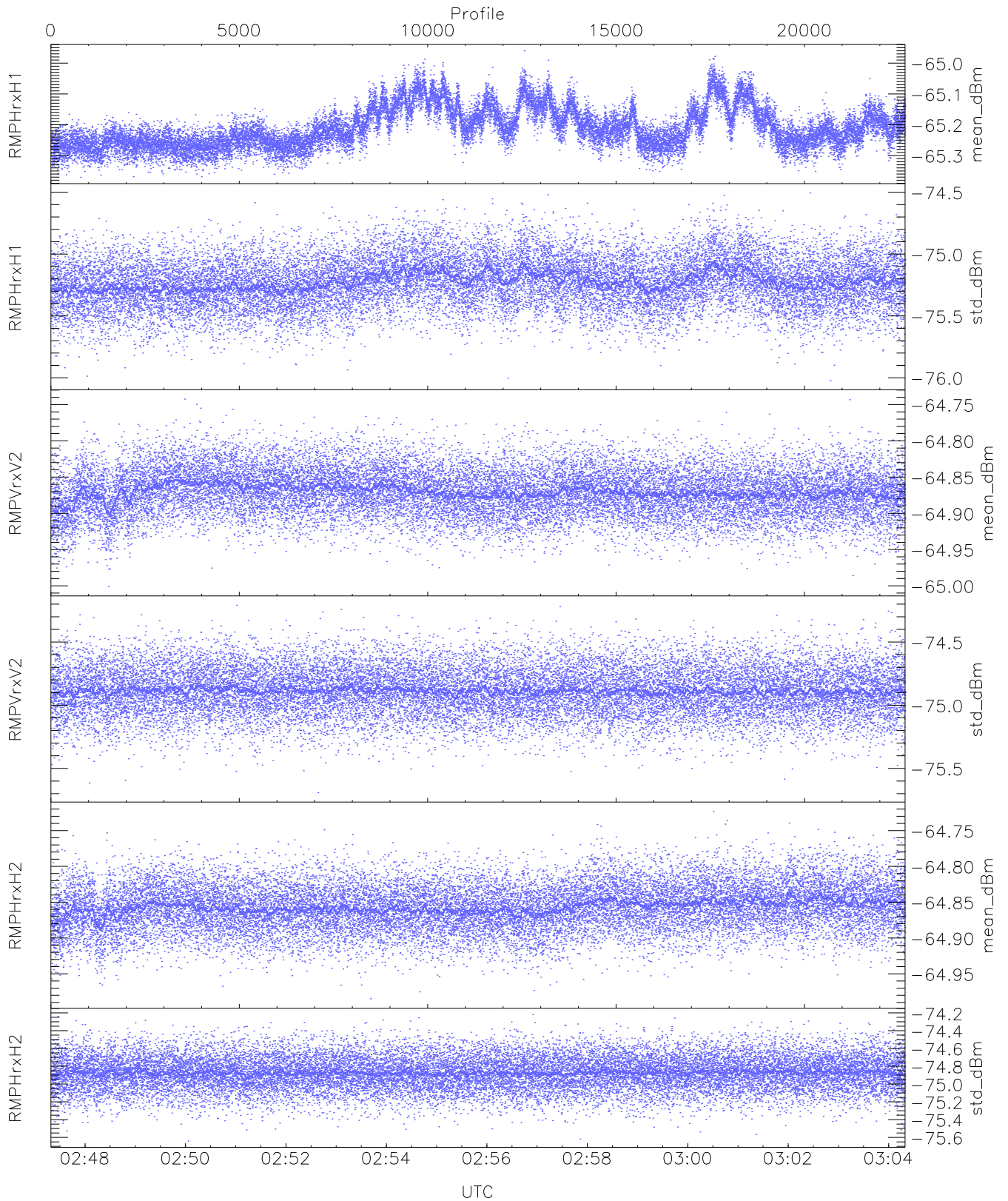
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,20,22,20,21`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,22,24,23,24`
`LOalarm(20,240,2817,14861 MHz): 0,0,44,0`
`EIK/Modulator Faults: None`



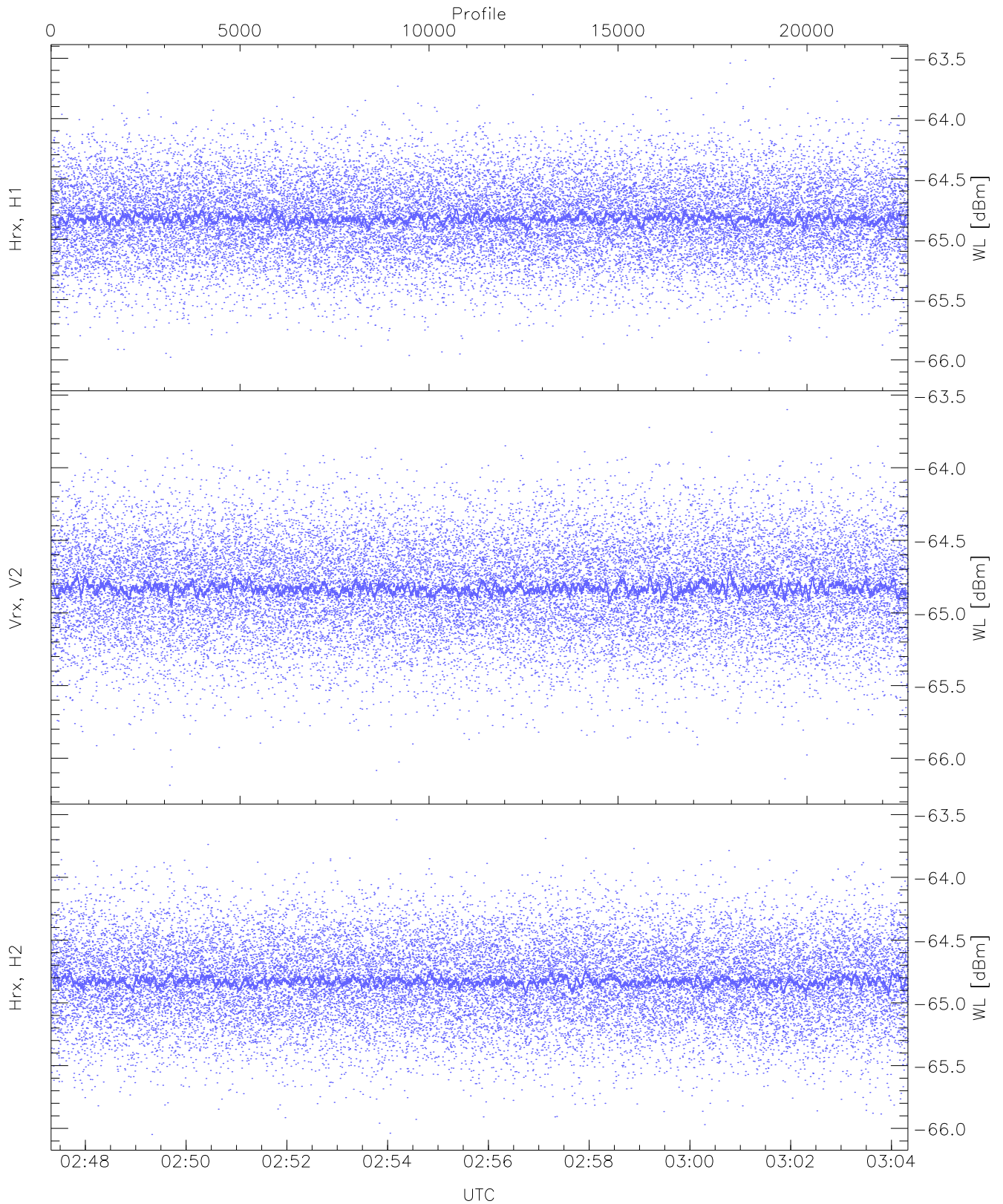
WCR3 CPP Receivers Gain and Noise Figure

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



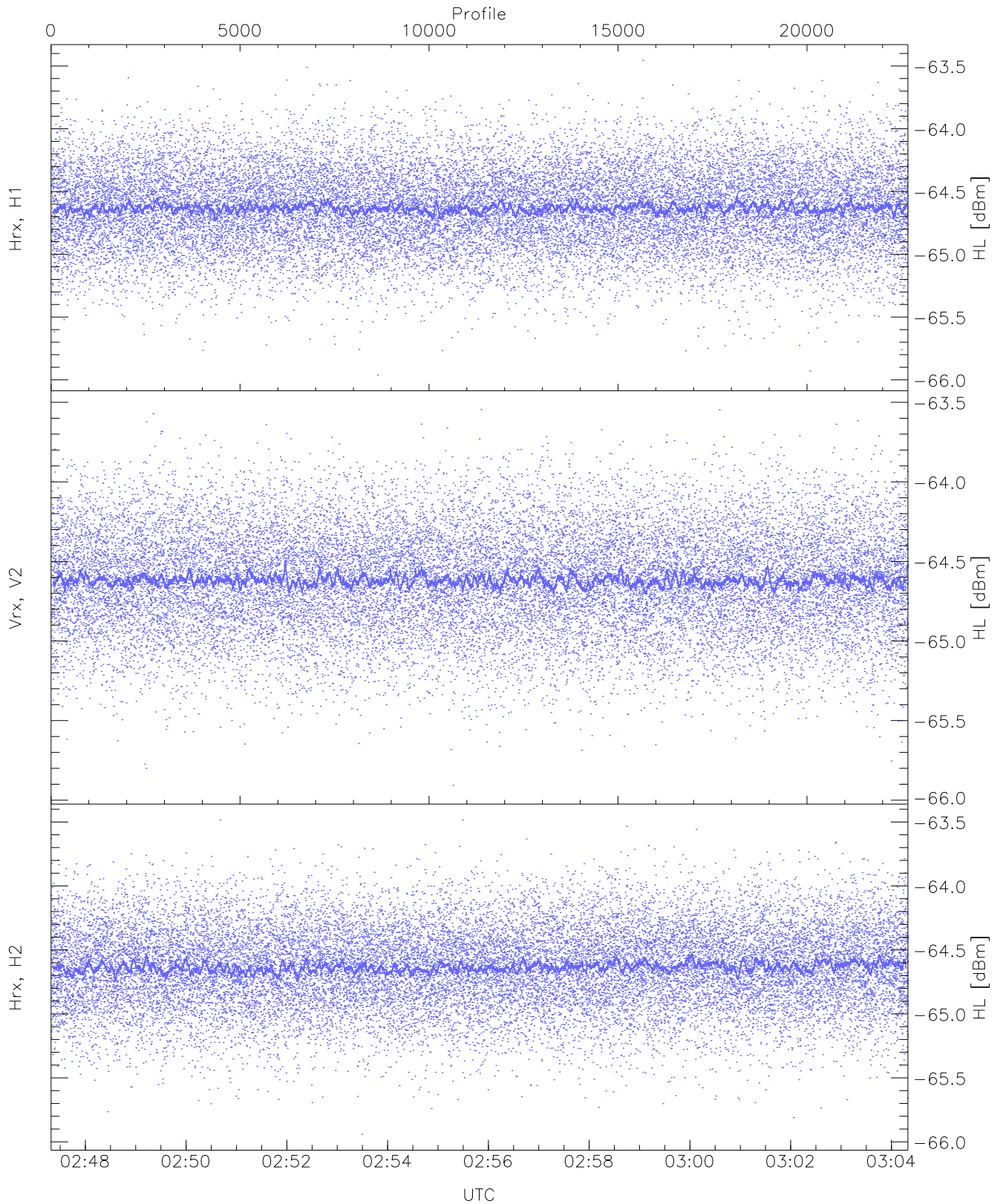
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.37	-64.96	-65.21	-65.22	-83.44
RMPHrxH1(std_dBm)	-76.02	-74.51	-75.22	-75.23	-88.79
RMPVrxV2(mean_dBm)	-65.00	-64.74	-64.87	-64.87	-86.34
RMPVrxV2(std_dBm)	-75.69	-74.21	-74.89	-74.89	-88.71
RMPHrxH2(mean_dBm)	-64.98	-64.72	-64.86	-64.86	-86.33
RMPHrxH2(std_dBm)	-75.64	-74.22	-74.87	-74.87	-88.66



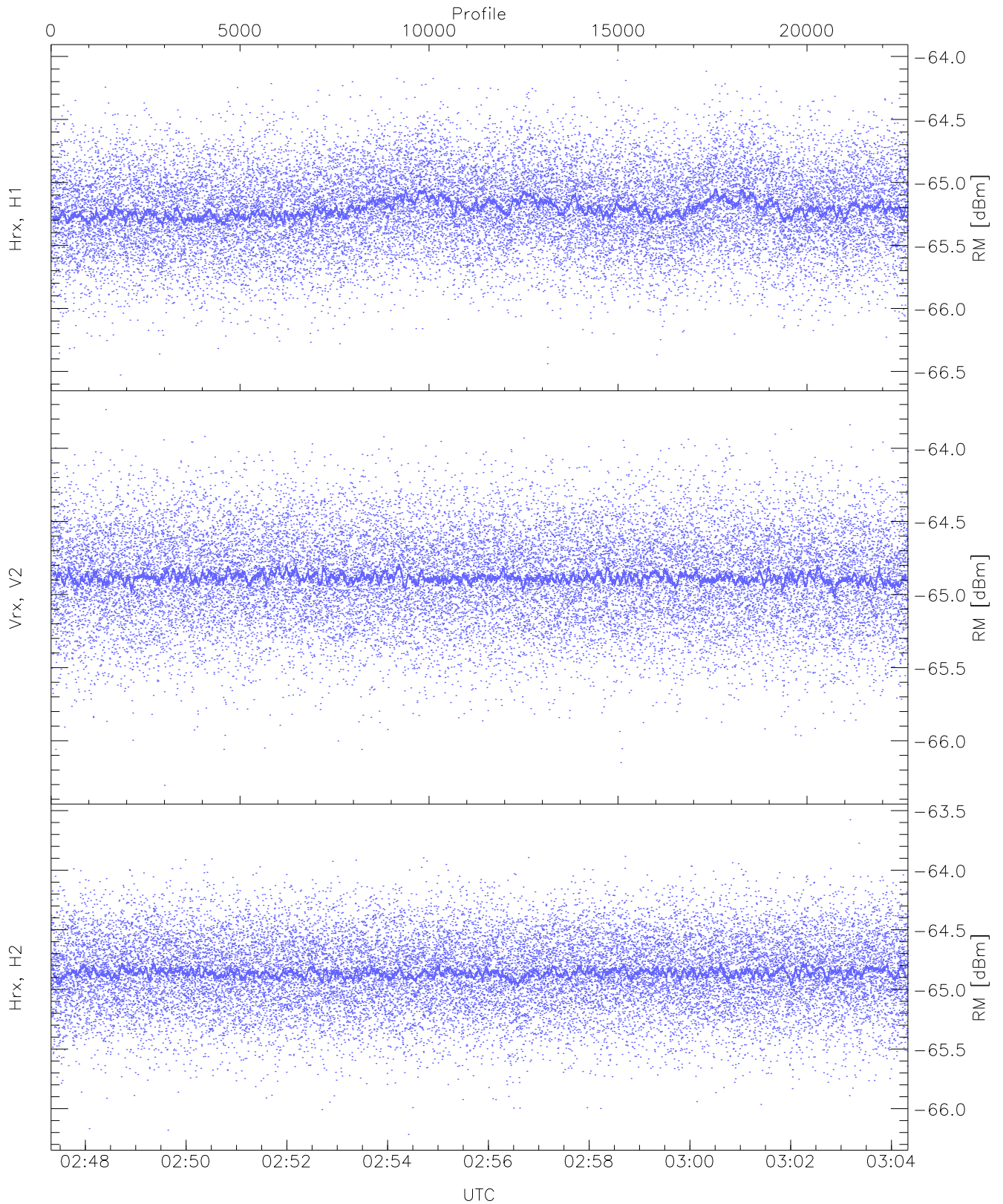
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.13	-63.52	-64.82	-64.83	-76.37
Vrx, V2 (WL [dBm])	-66.19	-63.60	-64.82	-64.83	-76.35
Hrx, H2 (WL [dBm])	-66.05	-63.54	-64.82	-64.83	-76.30



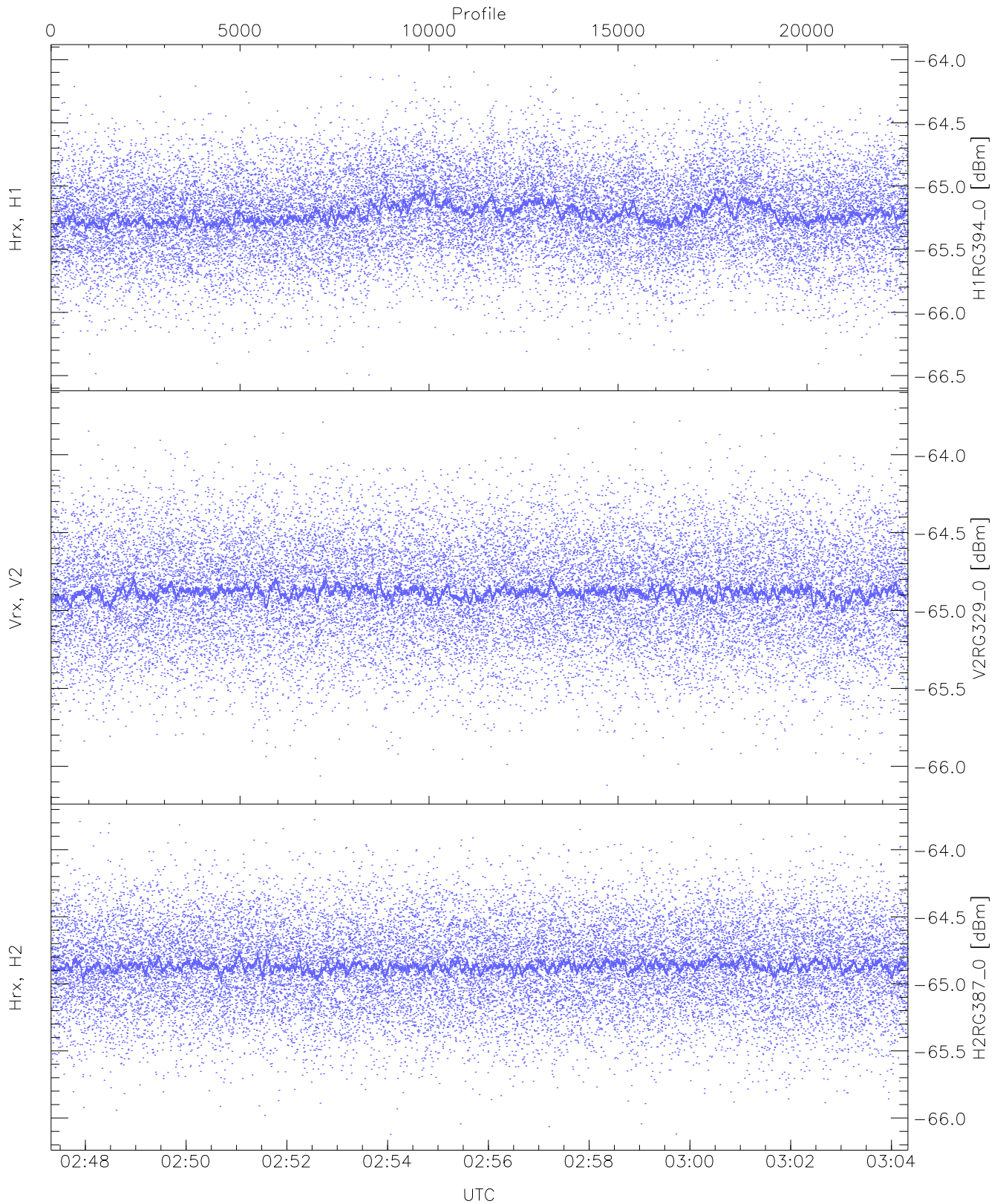
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.96	-63.45	-64.63	-64.63	-76.15
Vrx, V2 (HL [dBm])	-65.91	-63.55	-64.61	-64.62	-76.16
Hrx, H2 (HL [dBm])	-65.94	-63.48	-64.63	-64.63	-76.18



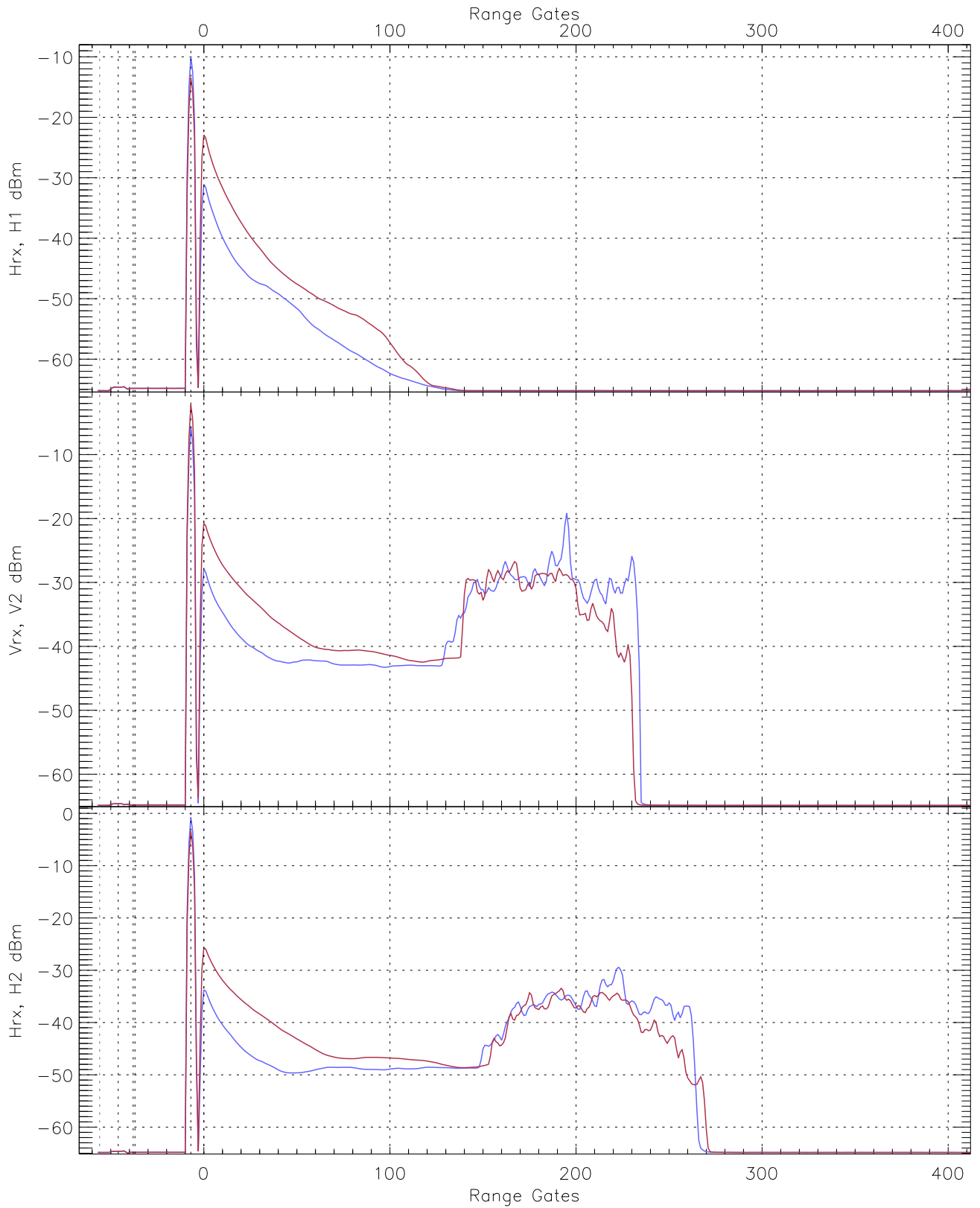
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.53	-64.03	-65.20	-65.21	-76.64
Vrx, V2 (RM [dBm])	-66.30	-63.73	-64.88	-64.88	-76.39
Hrx, H2 (RM [dBm])	-66.22	-63.58	-64.85	-64.86	-76.39

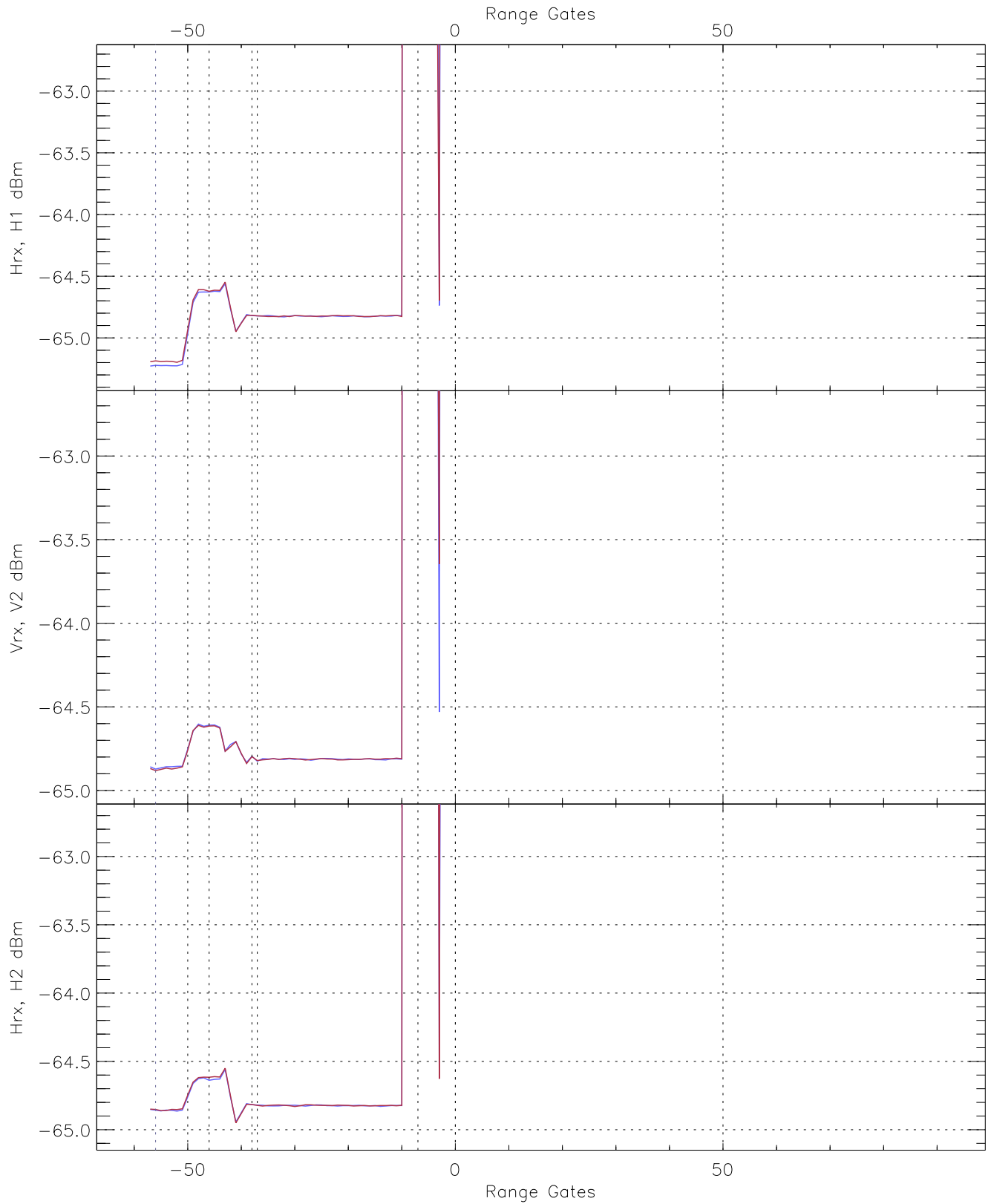


WCR3 CPP "Best" estimate Receivers Noise Power

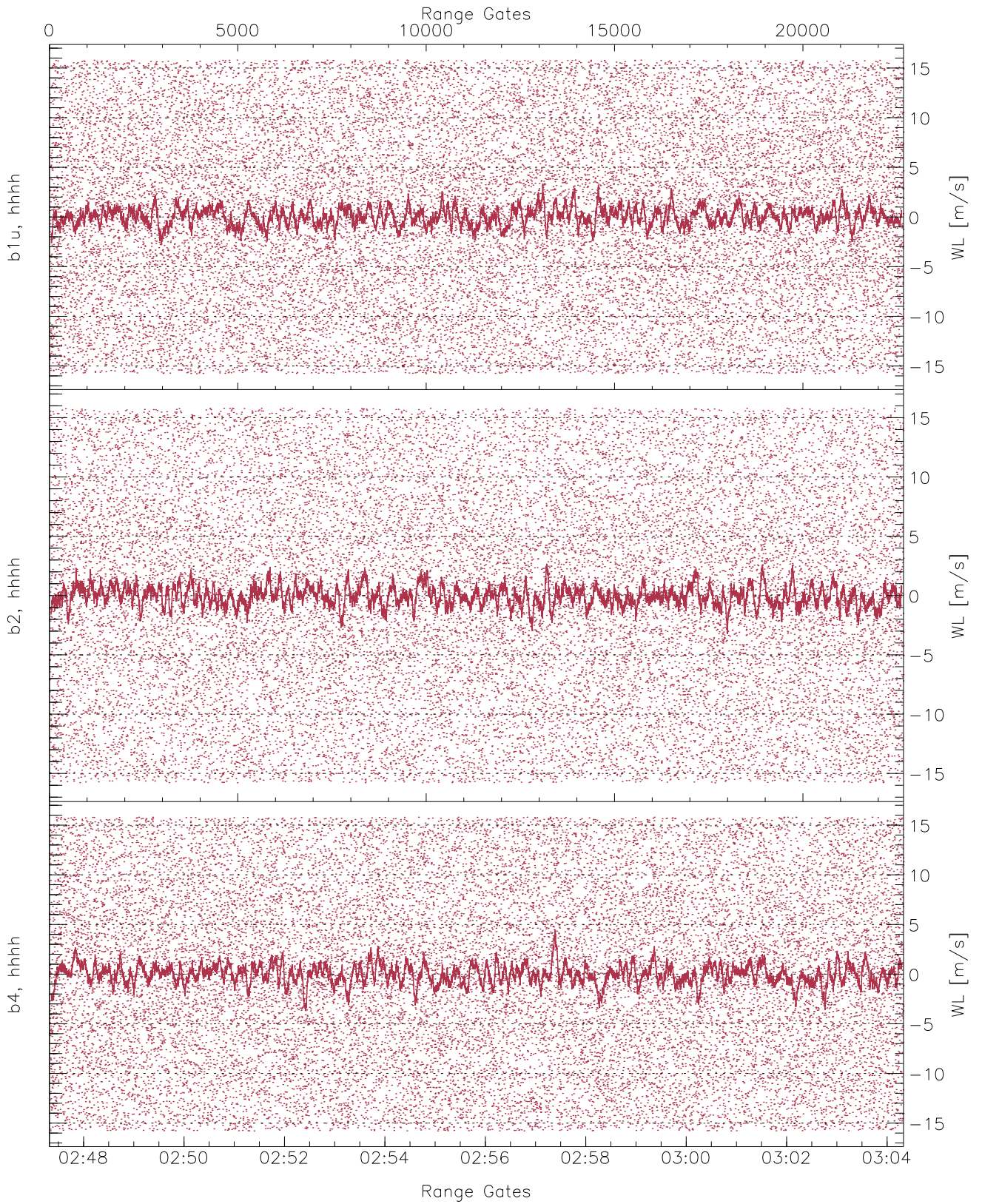
	Min	Max	Mean	Median	StDev
H1RG394_0 [dBm]	-66.50	-64.01	-65.21	-65.22	-76.64
V2RG329_0 [dBm]	-66.12	-63.71	-64.88	-64.88	-76.38
H2RG387_0 [dBm]	-66.12	-63.78	-64.86	-64.87	-76.39



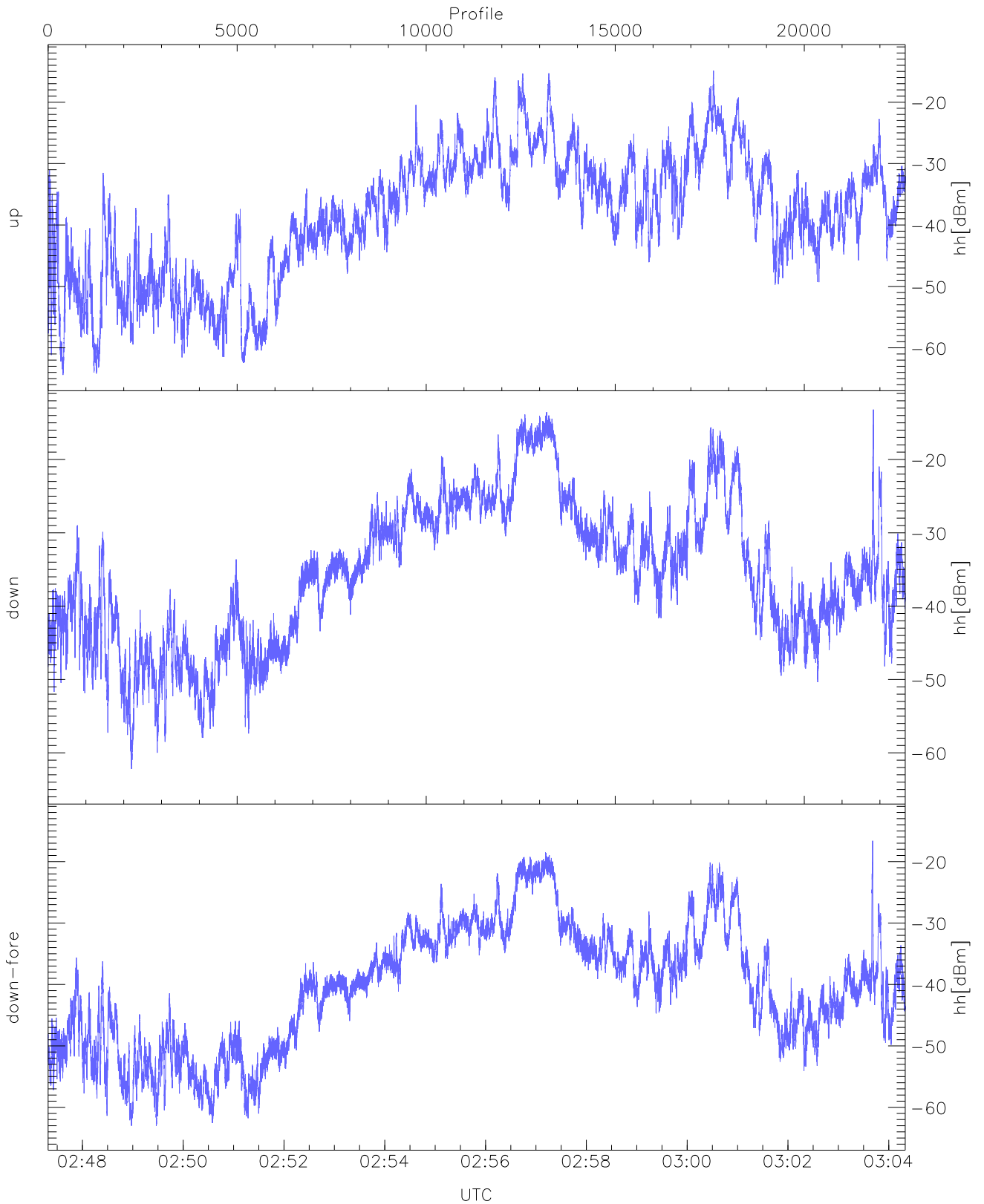
WCR3 CPP Averaged Received power for all recorded gates
blue: 024719-025549, 11337 profiles averaged
red: 025549-030420, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 024719-025549, 11337 profiles averaged
red: 025549-030420, 11336 profiles averaged

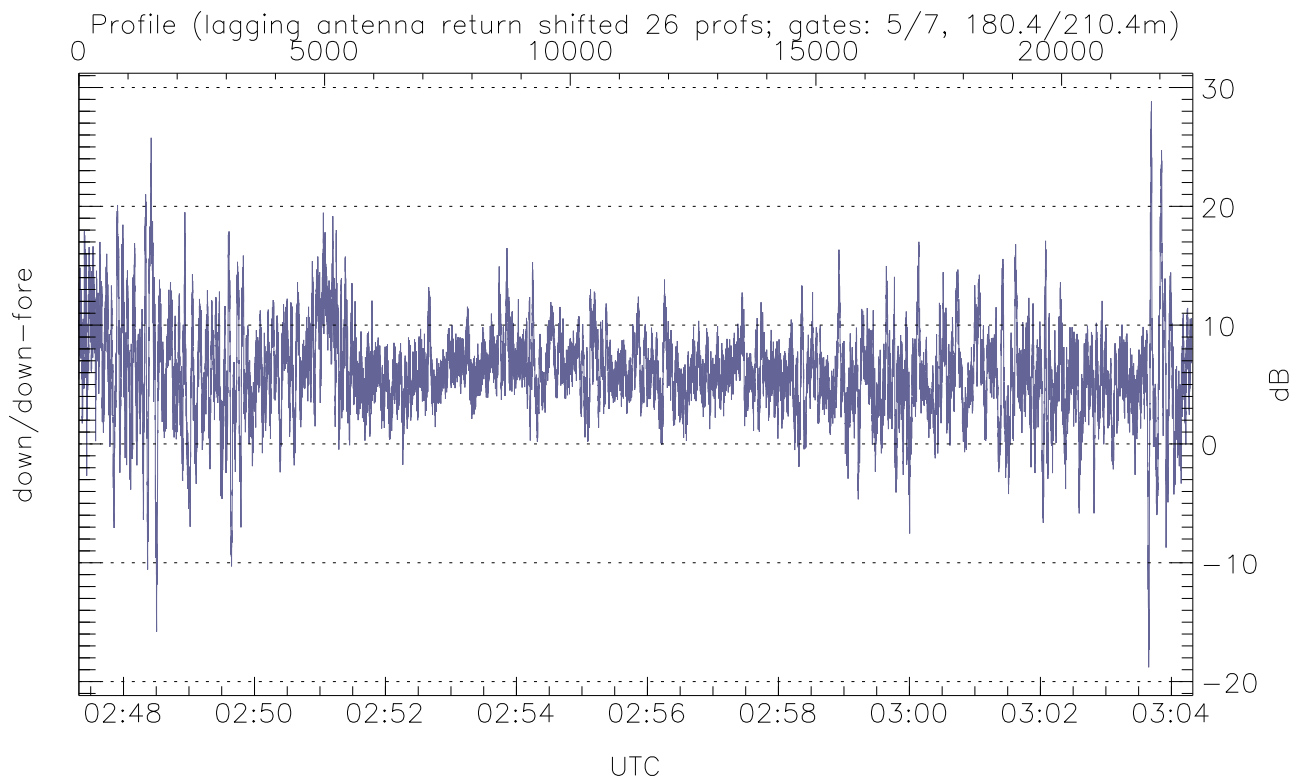
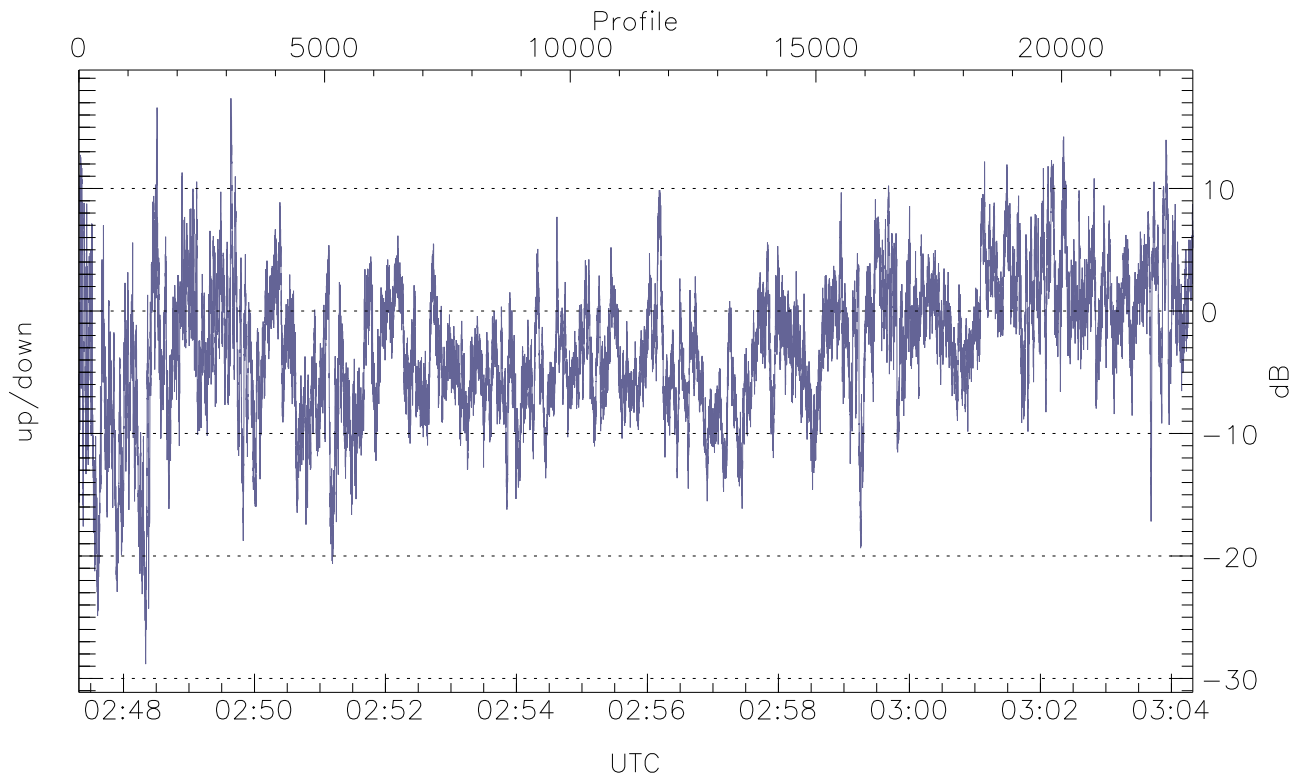


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



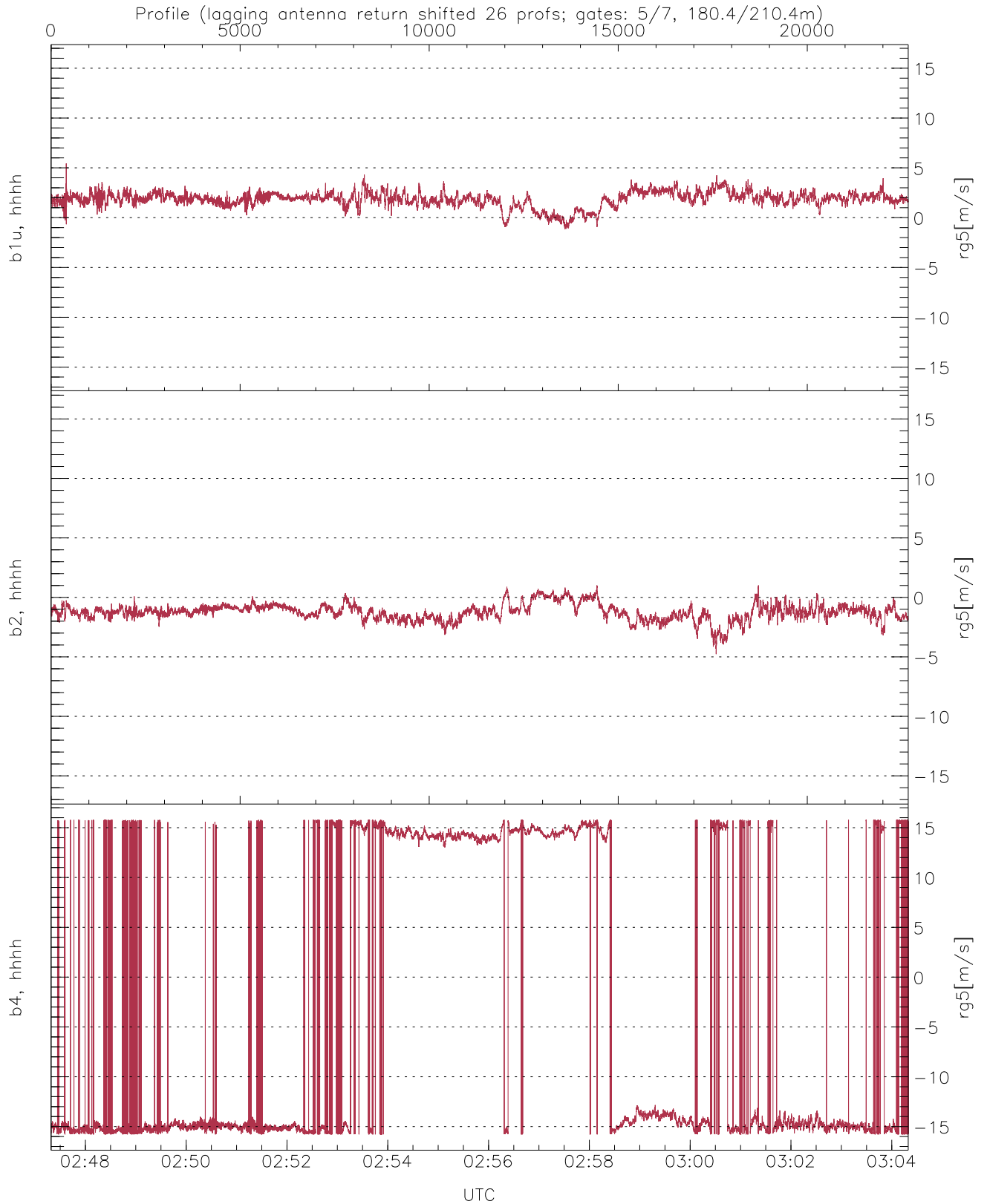
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-64.42	-14.89	-30.24
down(hh[dBm])	-62.19	-13.19	-26.72
down-fore(hh[dBm])	-63.02	-16.61	-31.52



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

	Min	Max	Mean
up/down (dB)	-28.82	17.36	-3.02
down/down-fore (dB)	-18.80	28.82	6.01



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-1.13	5.44	1.83	0.77
b2, hhhh(rg5[m/s])	-4.77	1.01	-1.24	0.70
b4, hhhh(rg5[m/s])	-15.79	15.79	-4.01	14.35