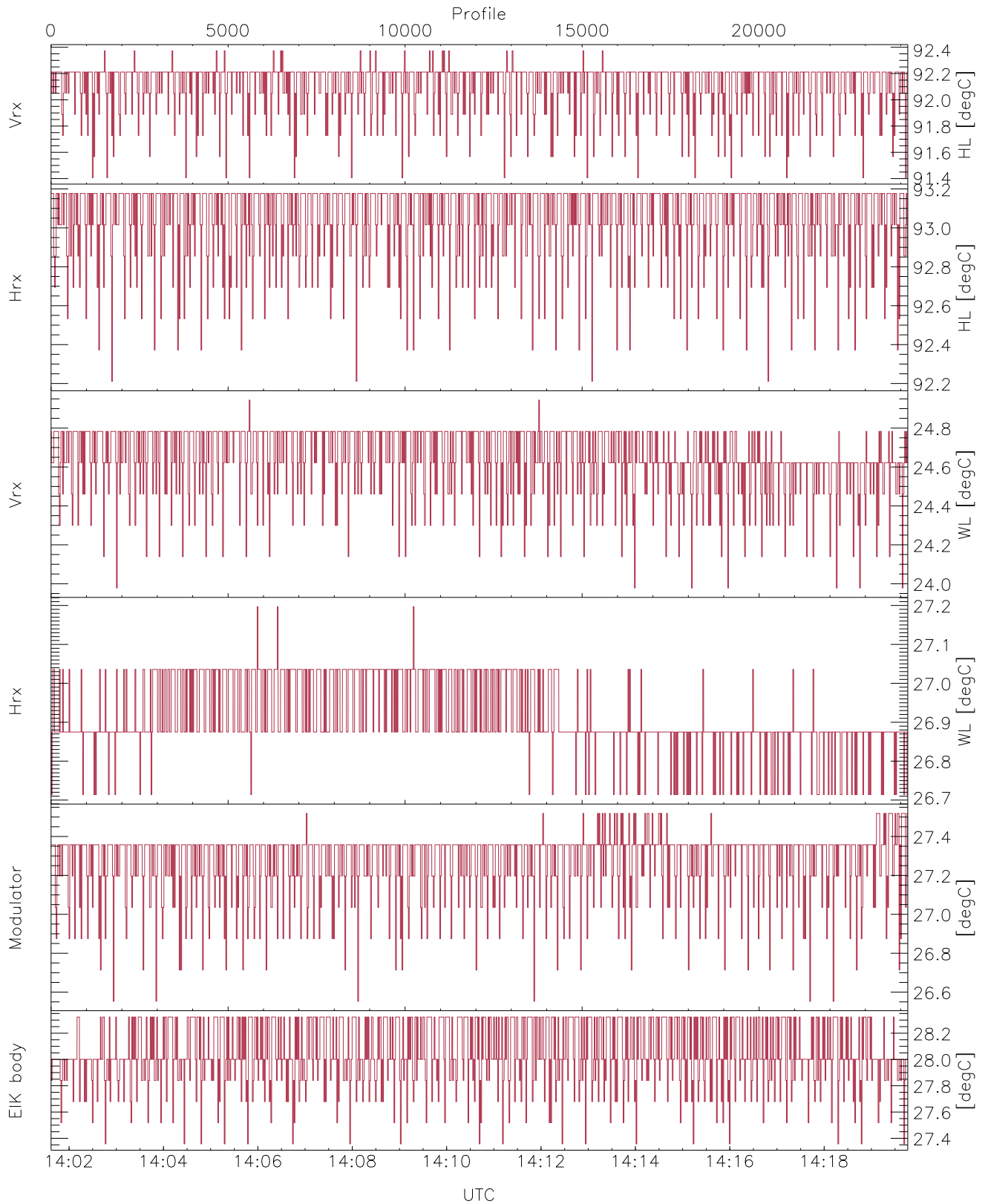


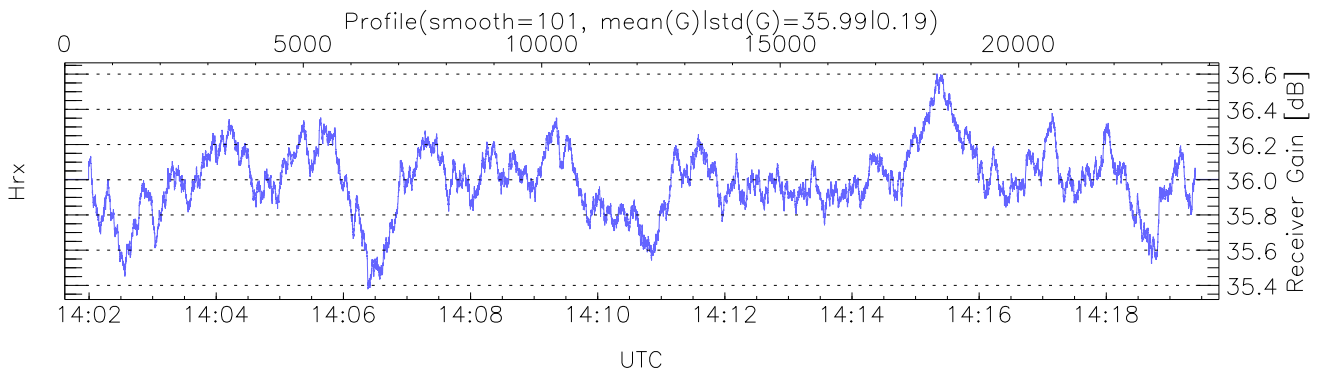
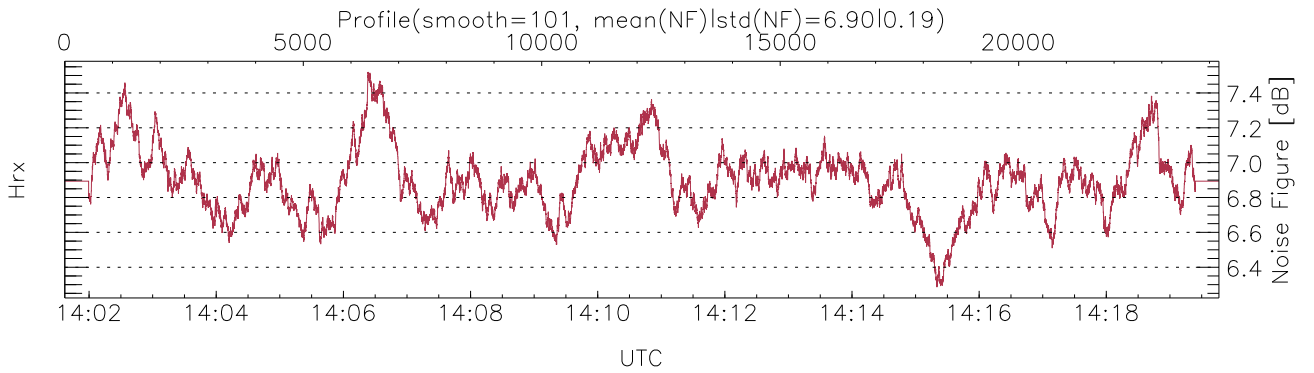
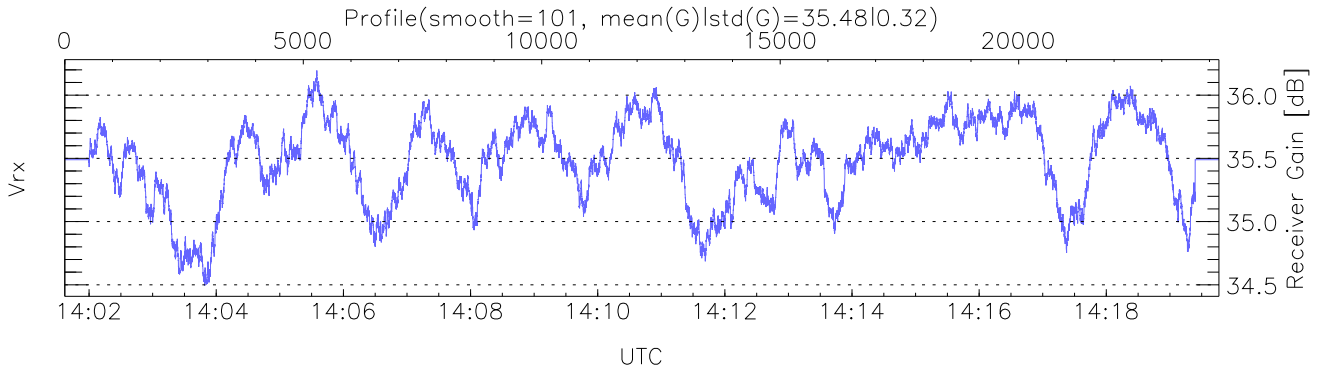
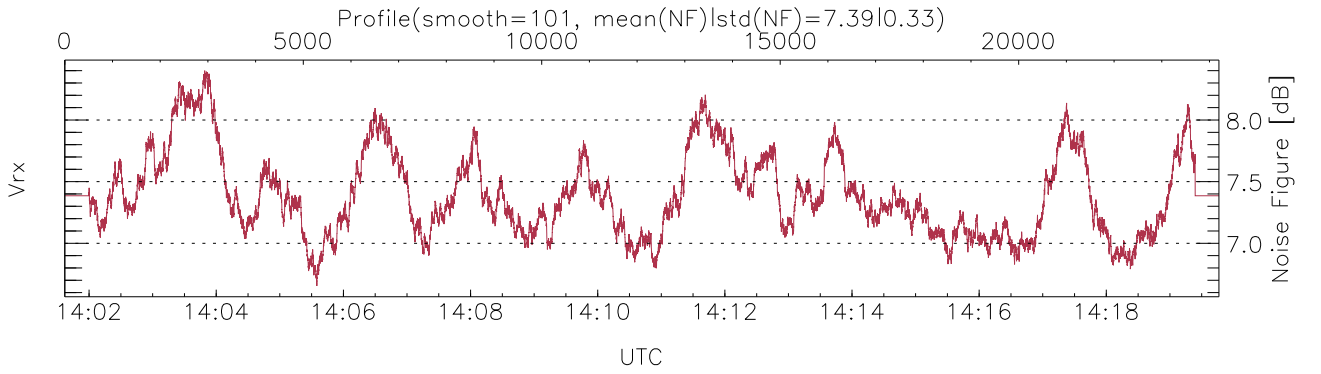
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 14:01:37-14:19:46, TimeCor: 0.00s, Dur: 1089.23s
 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): 24200/24200, 0-24199/14:01:37-14:19:46
 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



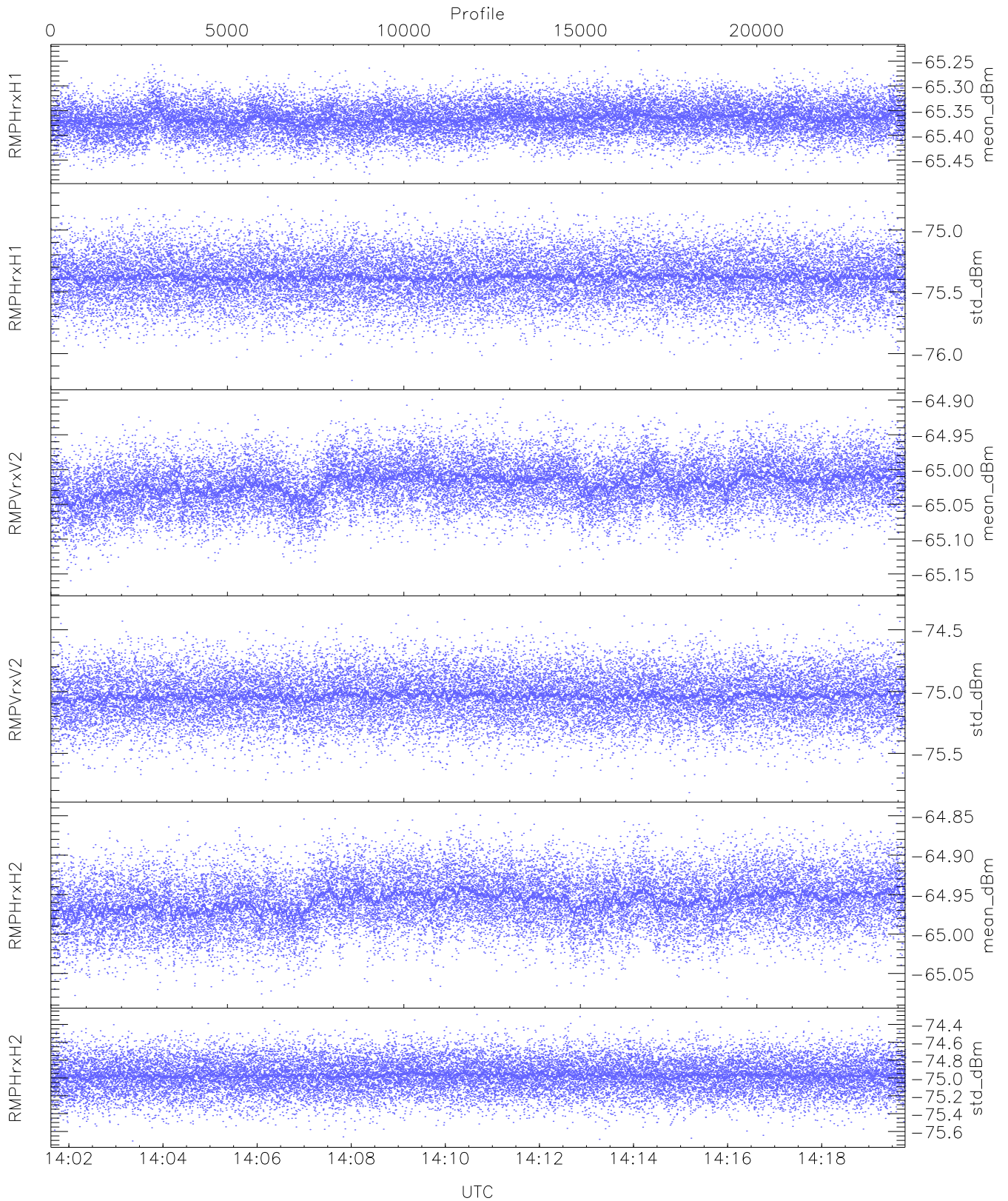
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,23,26,26,27`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,24,27,27,28`
`LOalarm(20,240,2817,14861 MHz): 0,0,23,0`
`EIK/Modulator Faults: None`



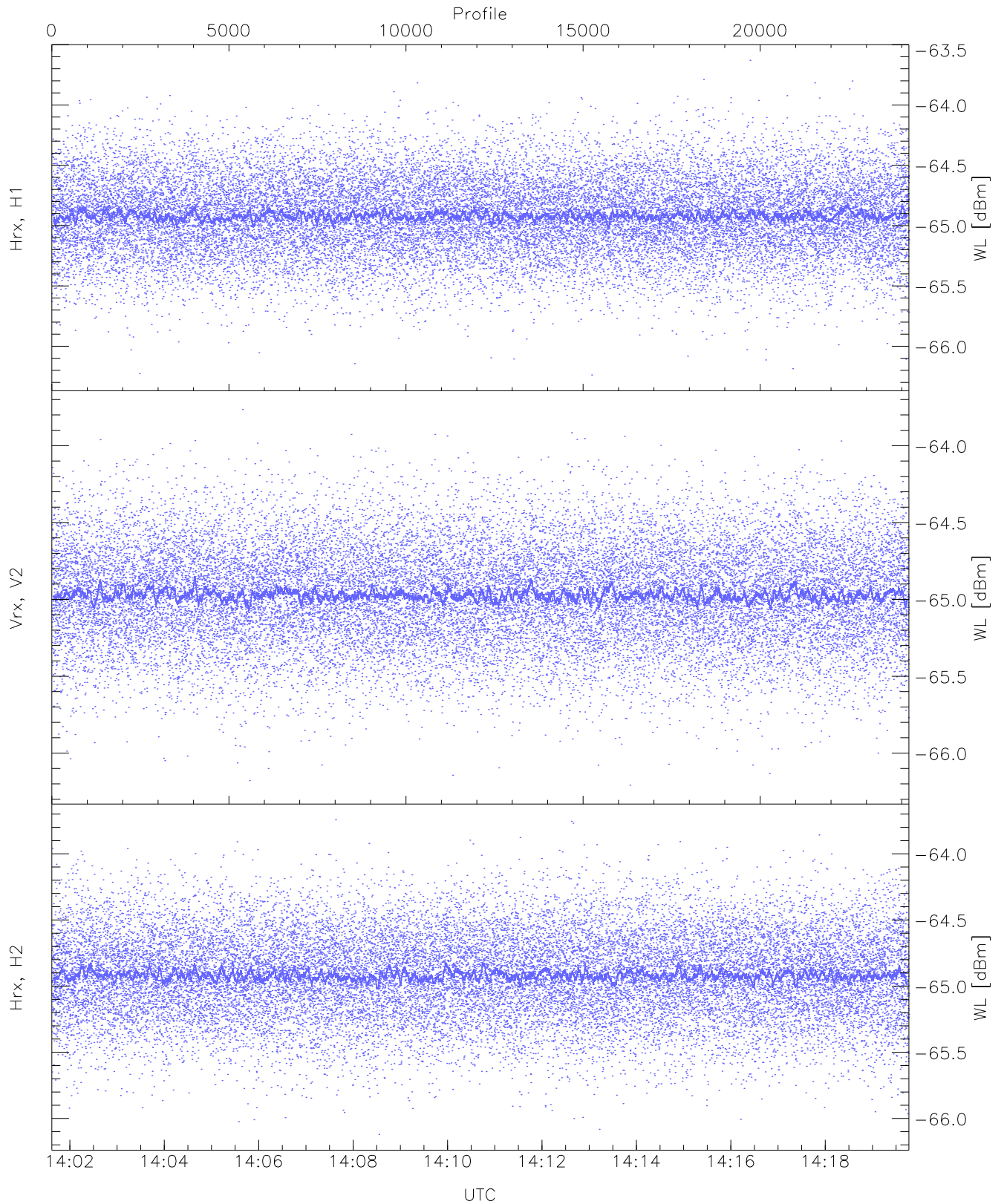
WCR3 CPP Receivers Gain and Noise Figure

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



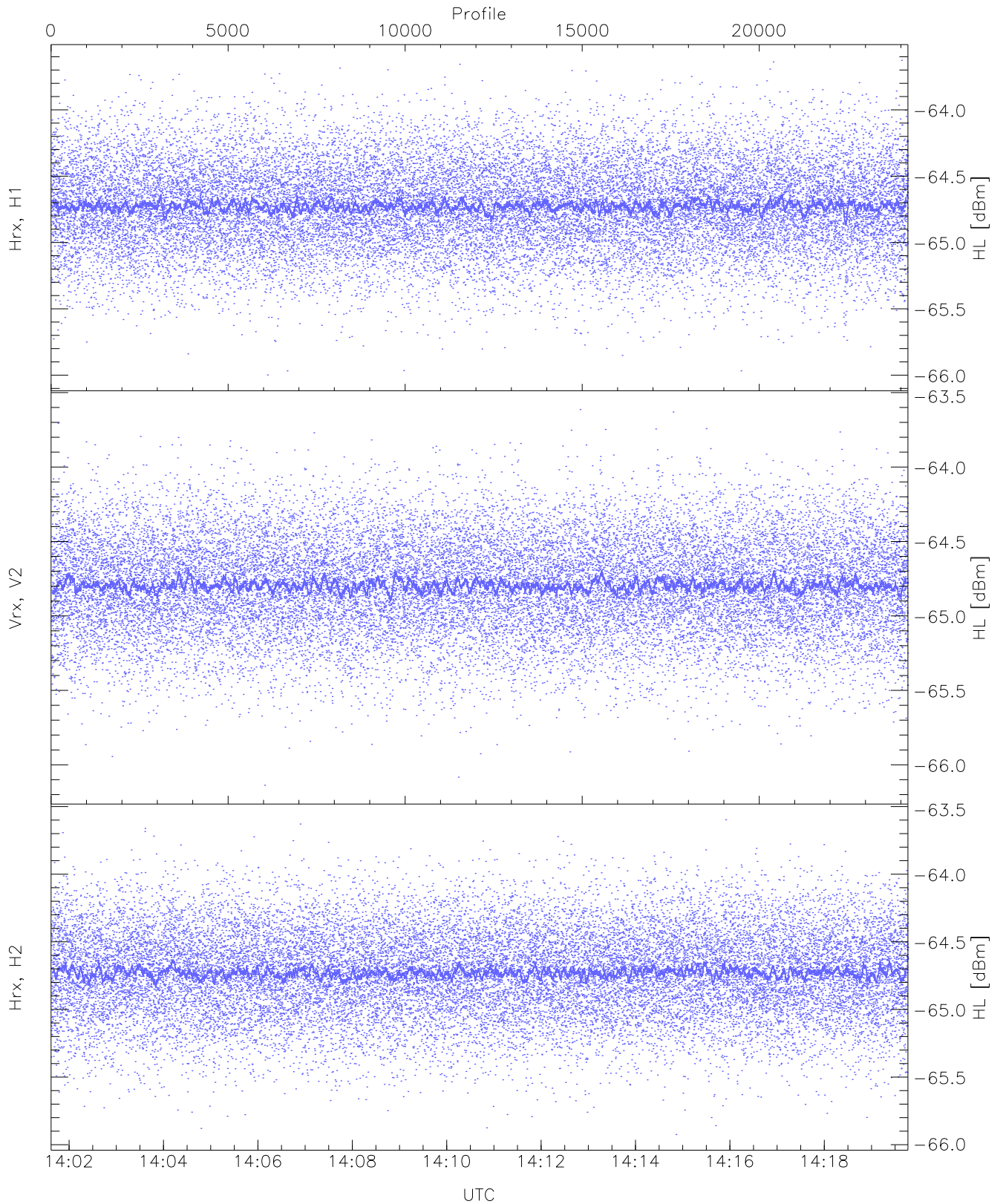
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.48	-65.23	-65.37	-65.37	-86.89
RMPHrxH1(std_dBm)	-76.22	-74.70	-75.38	-75.38	-89.19
RMPVrxV2(mean_dBm)	-65.17	-64.90	-65.02	-65.02	-86.30
RMPVrxV2(std_dBm)	-75.82	-74.30	-75.04	-75.04	-88.83
RMPHrxH2(mean_dBm)	-65.08	-64.84	-64.96	-64.96	-86.32
RMPHrxH2(std_dBm)	-75.71	-74.29	-74.97	-74.97	-88.76



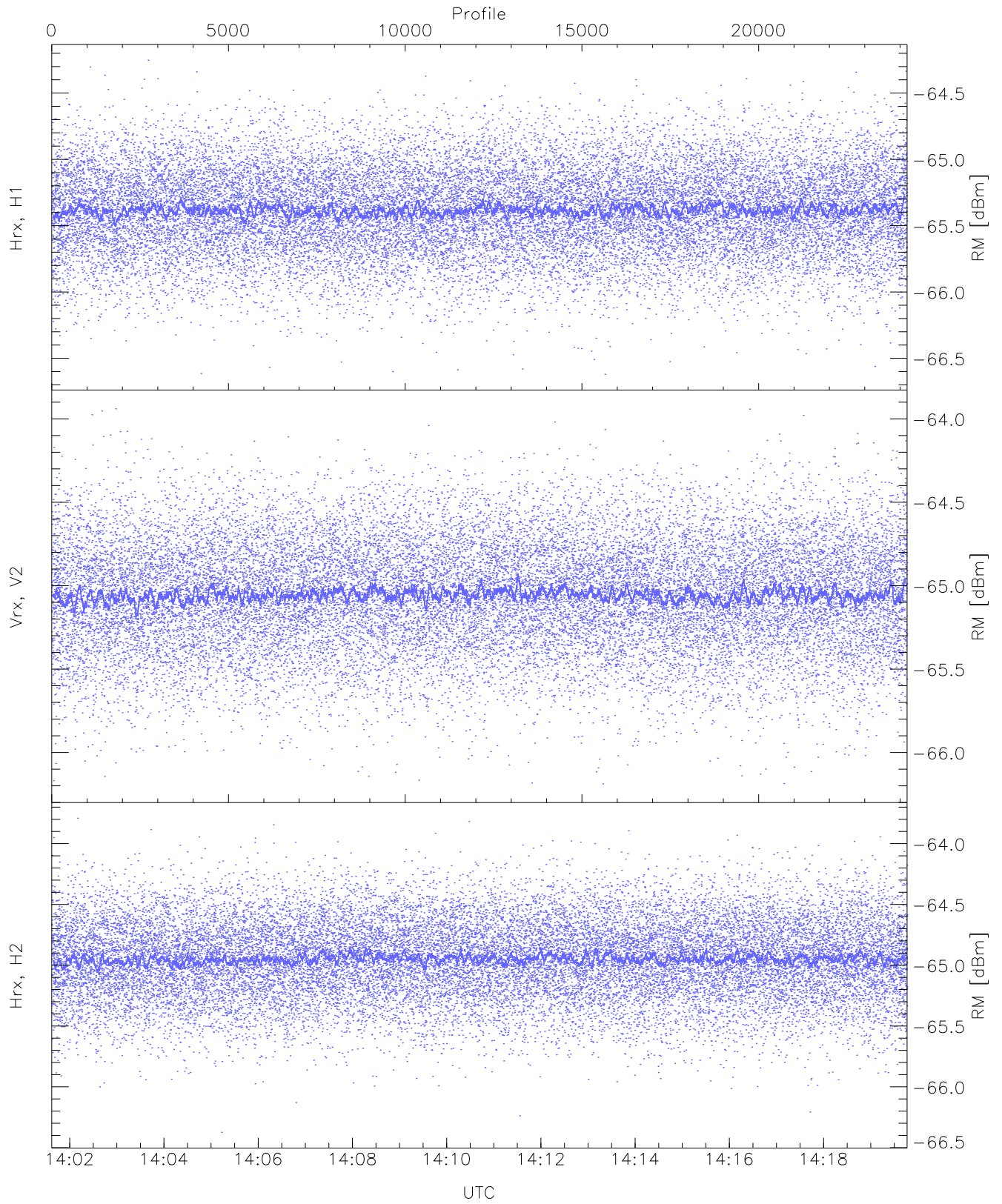
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.24	-63.63	-64.91	-64.92	-76.41
Vrx, V2 (WL [dBm])	-66.21	-63.76	-64.96	-64.97	-76.50
Hrx, H2 (WL [dBm])	-66.12	-63.74	-64.91	-64.92	-76.40



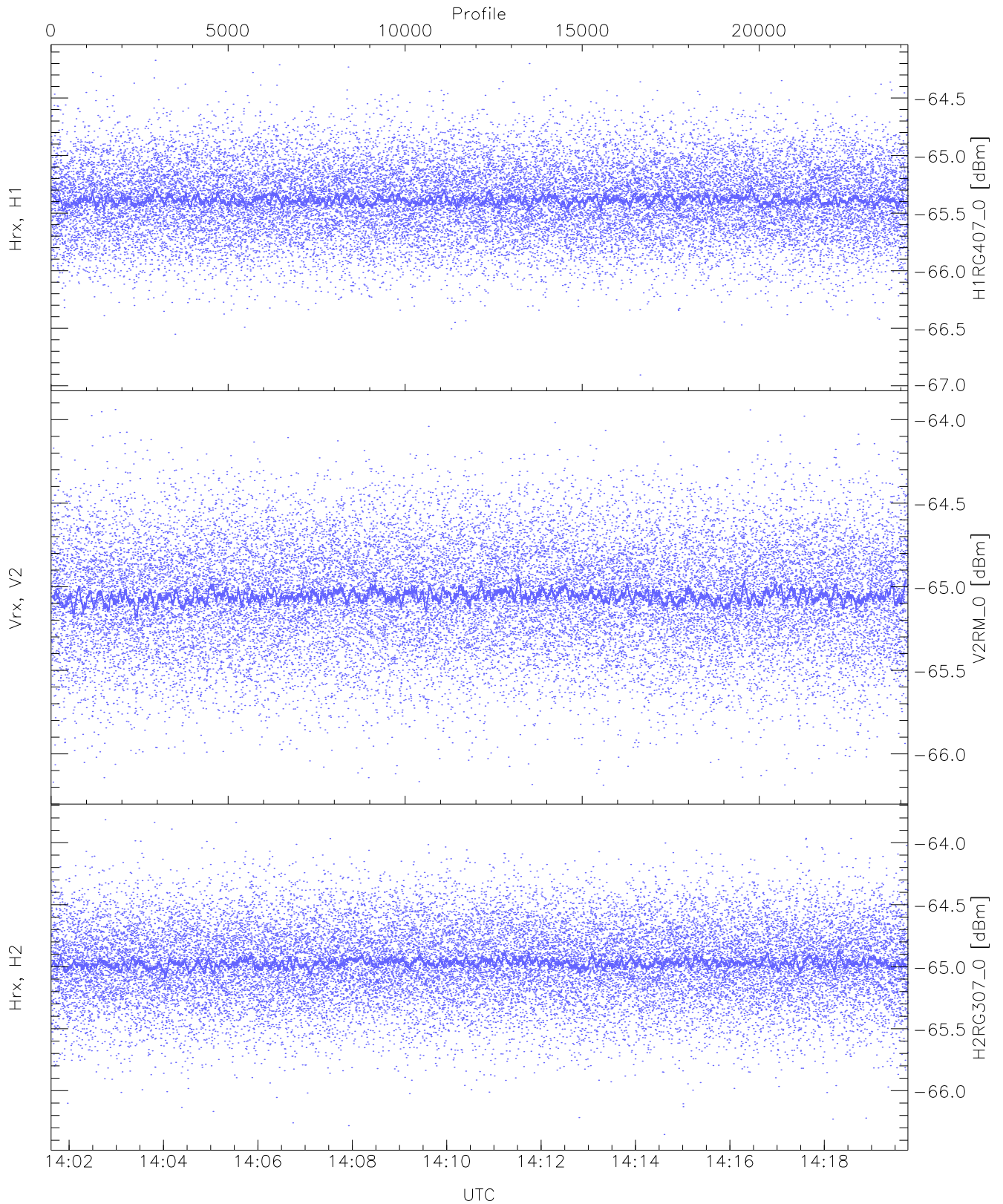
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.00	-63.63	-64.72	-64.73	-76.17
Vrx, V2 (HL [dBm])	-66.14	-63.61	-64.79	-64.80	-76.30
Hrx, H2 (HL [dBm])	-65.92	-63.60	-64.72	-64.73	-76.26



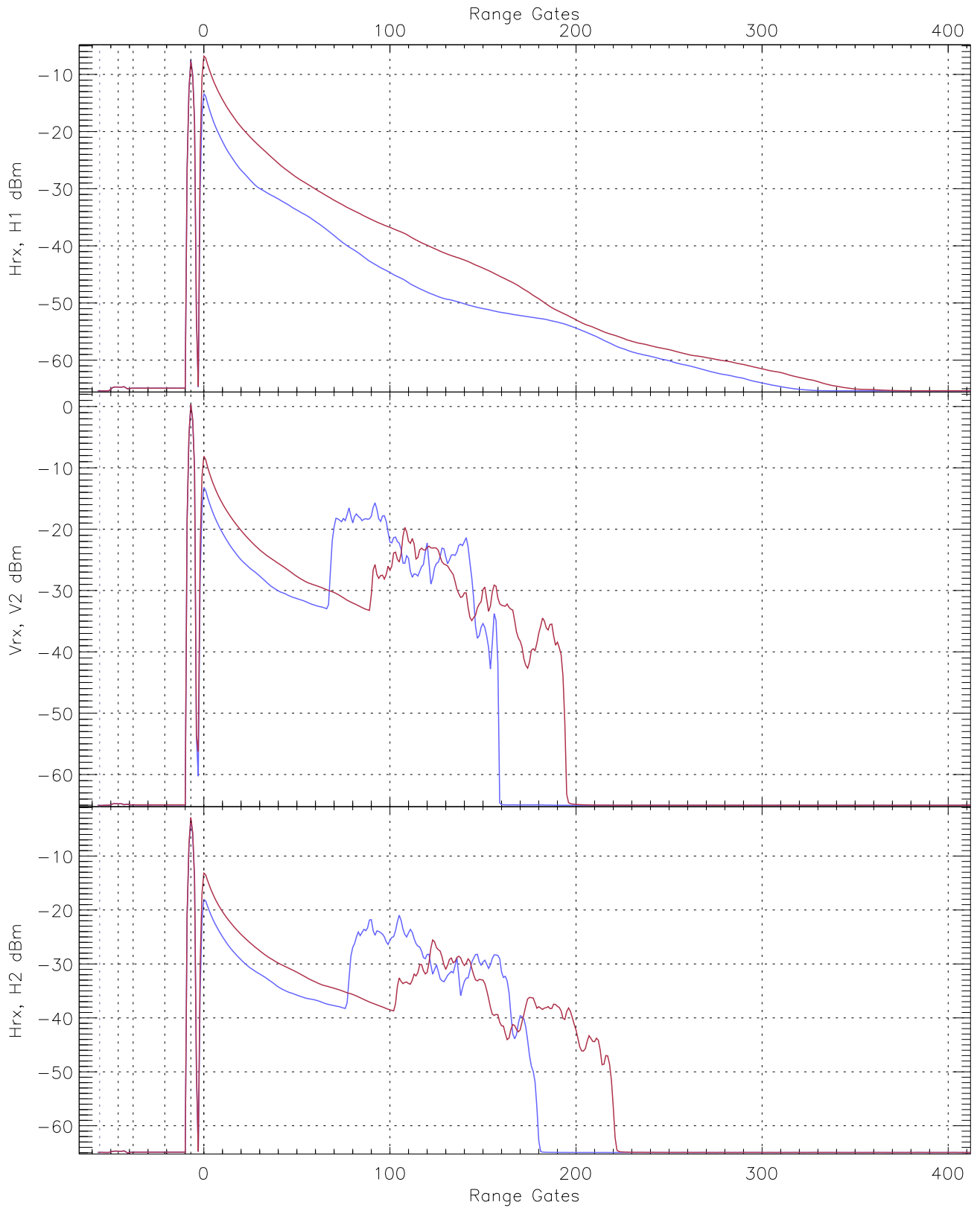
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.62	-64.25	-65.38	-65.38	-76.88
Vrx, V2 (RM [dBm])	-66.19	-63.94	-65.05	-65.05	-76.54
Hrx, H2 (RM [dBm])	-66.37	-63.79	-64.94	-64.95	-76.44

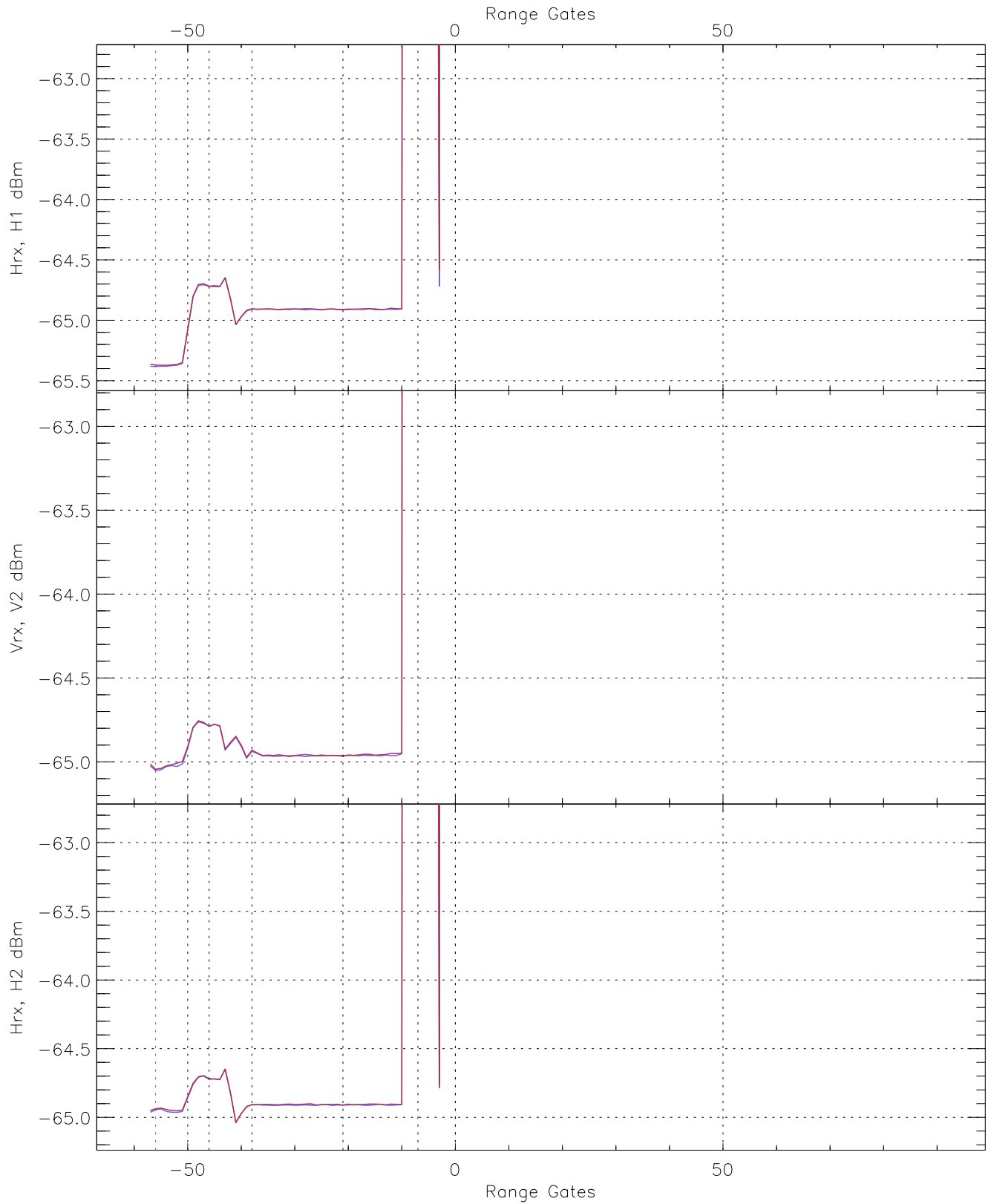


WCR3 CPP "Best" estimate Receivers Noise Power

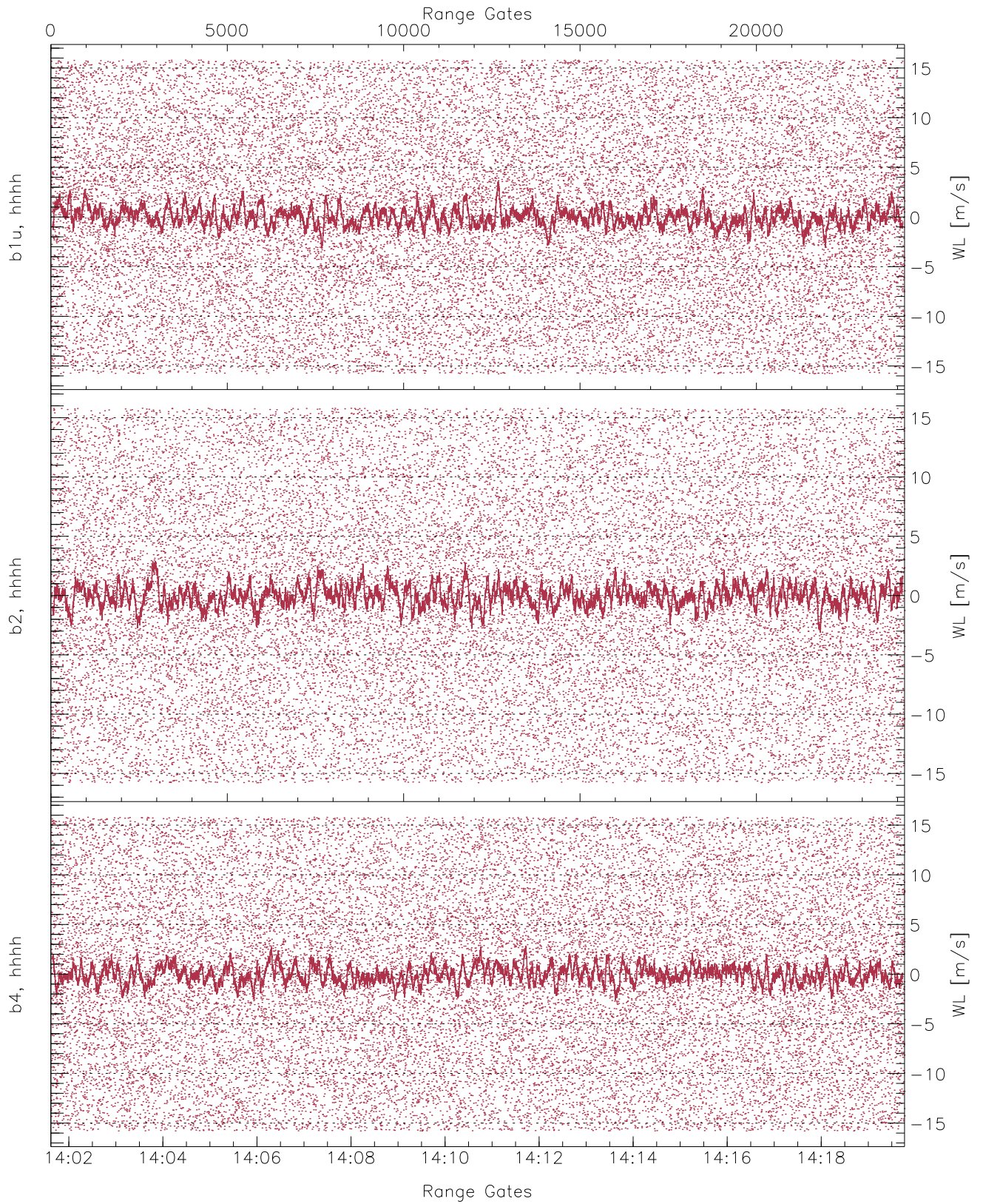
	Min	Max	Mean	Median	StDev
H1RG407_0 [dBm]	-66.91	-64.17	-65.38	-65.38	-76.87
V2RM_0 [dBm]	-66.19	-63.94	-65.05	-65.05	-76.54
H2RG307_0 [dBm]	-66.35	-63.81	-64.96	-64.97	-76.49



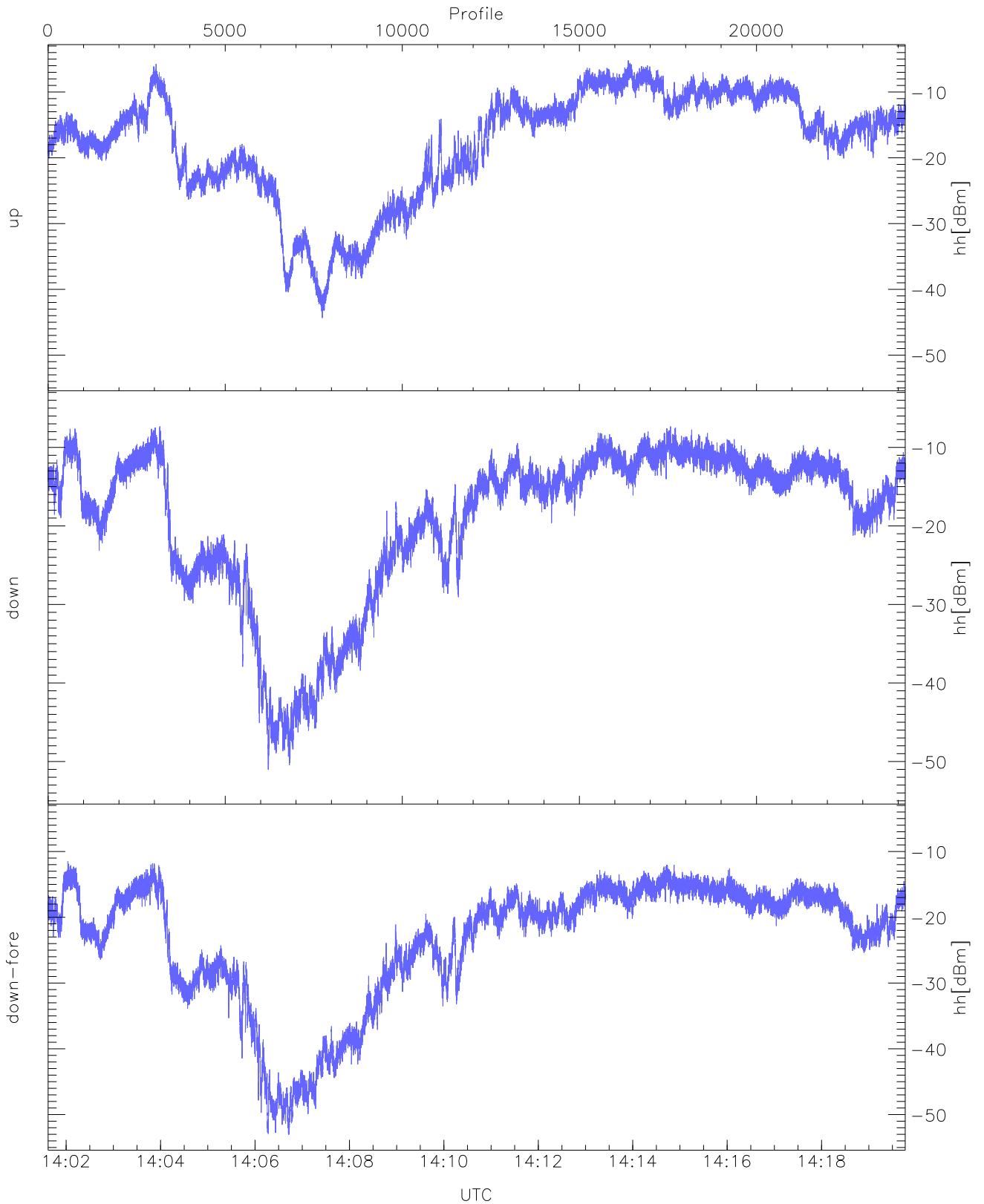
WCR3 CPP Averaged Received power for all recorded gates
blue: 140137-141042, 12101 profiles averaged
red: 141042-141946, 12100 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 140137-141042, 12101 profiles averaged
red: 141042-141946, 12100 profiles averaged

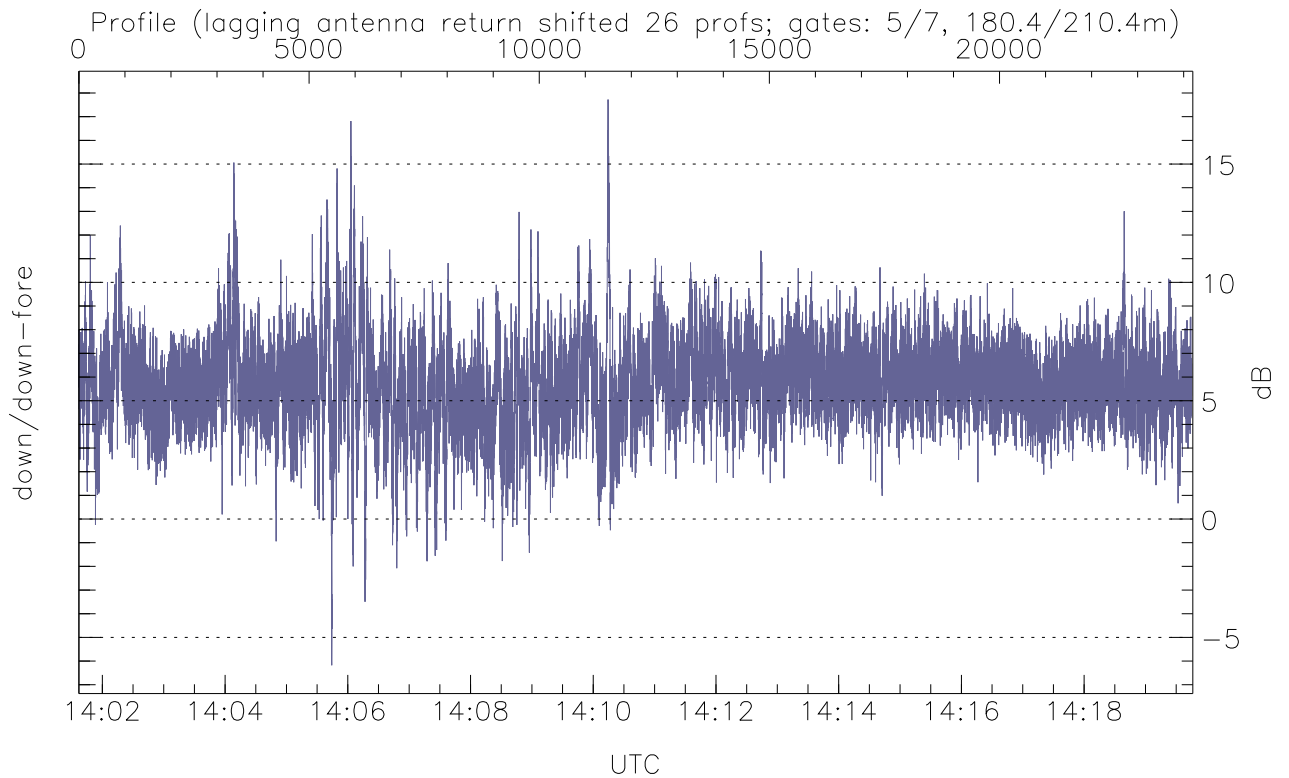
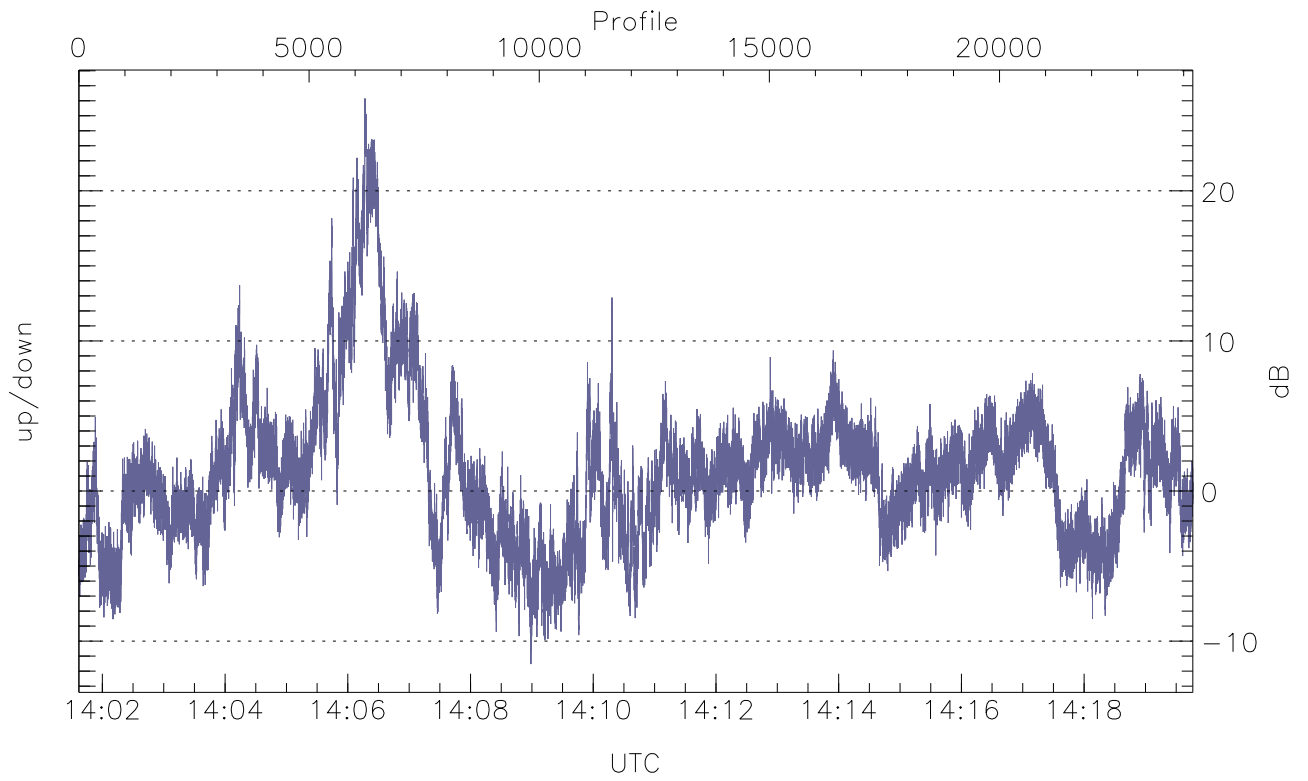


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



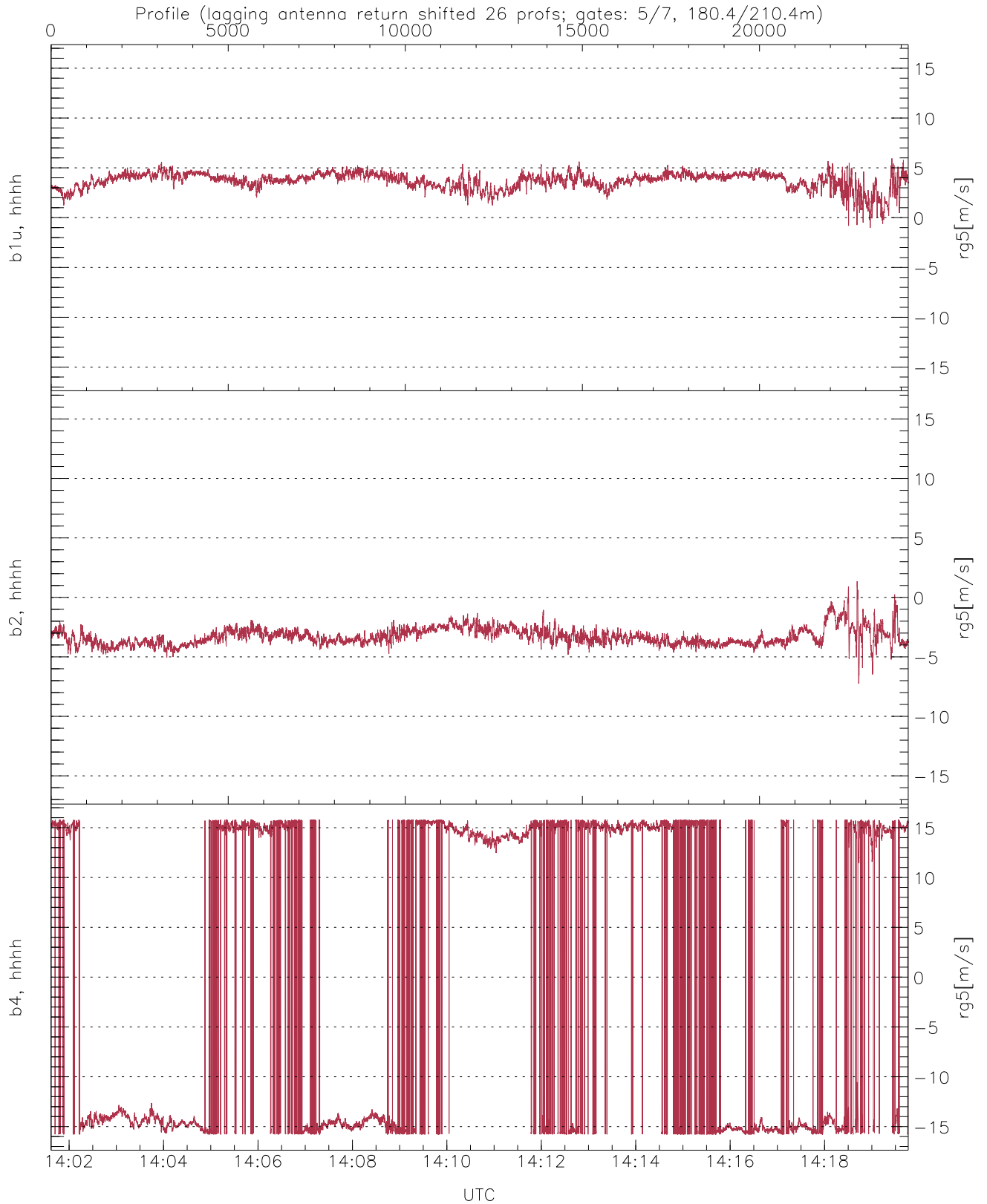
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-44.36	-5.18	-13.22
down(hh[dBm])	-51.04	-7.31	-14.34
down-fore(hh[dBm])	-53.02	-11.46	-18.89



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

	Min	Max	Mean
up/down (dB)	-11.53	26.16	1.36
down/down-fore (dB)	-6.18	17.73	5.74



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-1.01	5.95	3.68	0.82
b2, hhhh(rg5[m/s])	-7.22	1.36	-3.29	0.71
b4, hhhh(rg5[m/s])	-15.79	15.79	-0.01	14.99