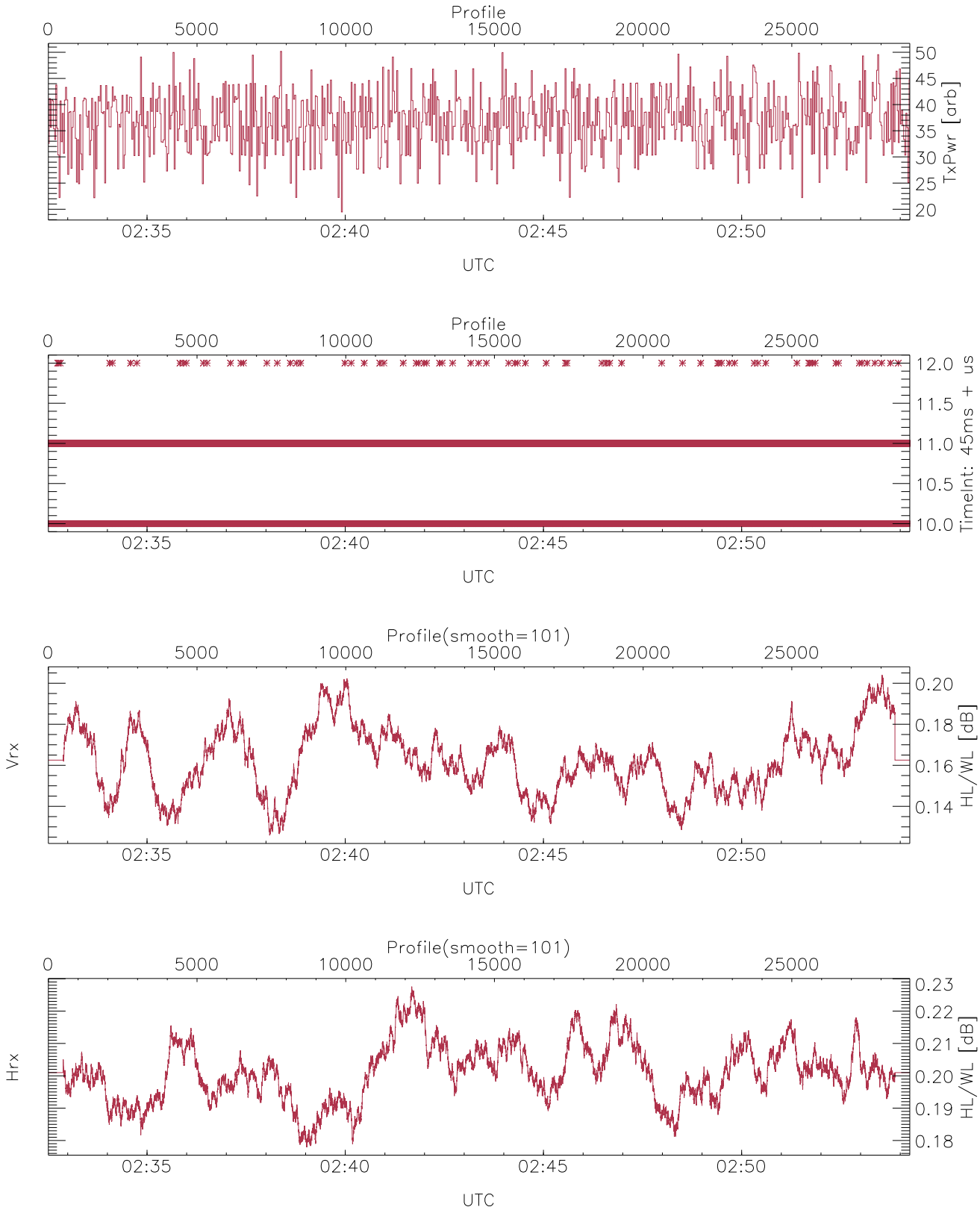
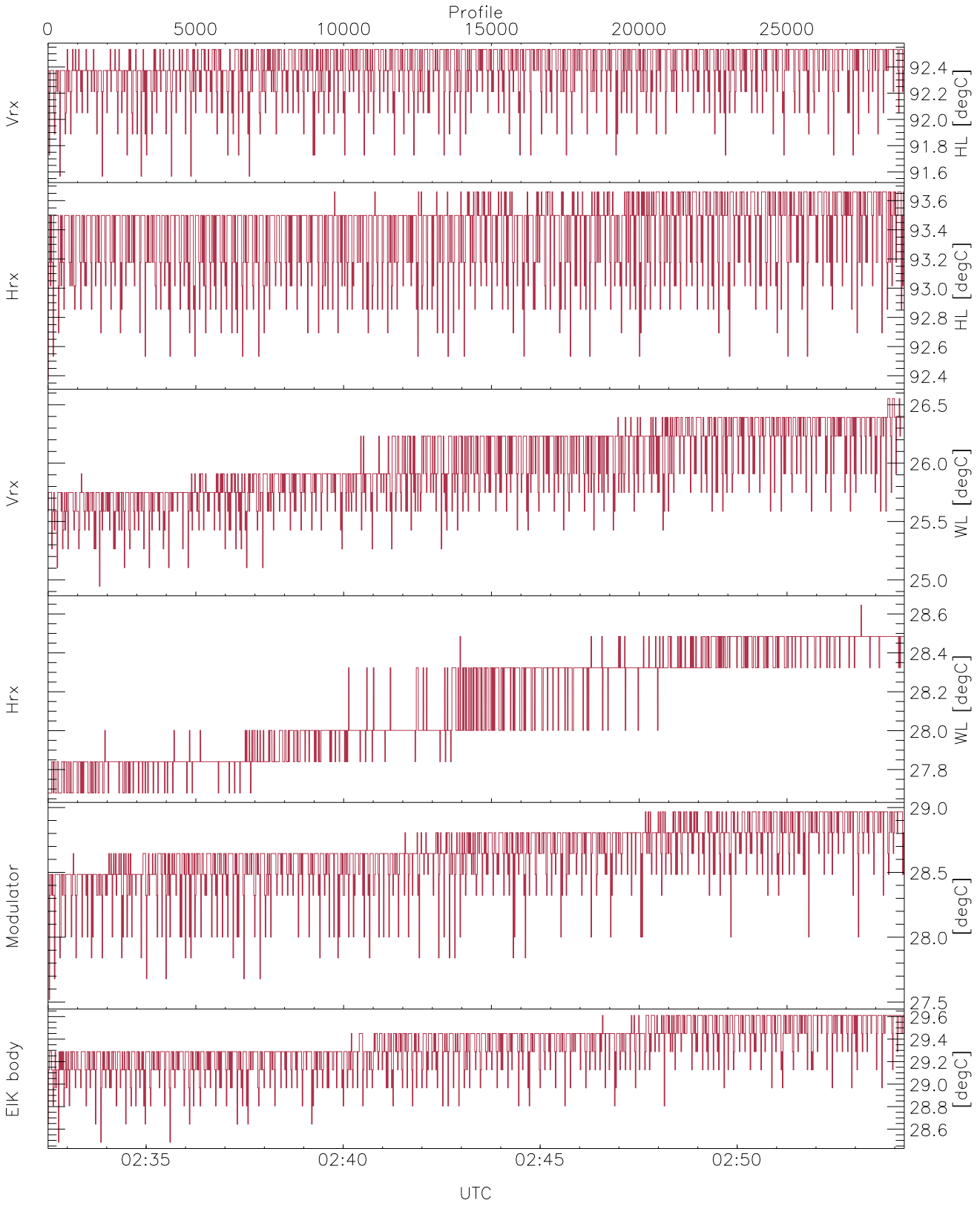


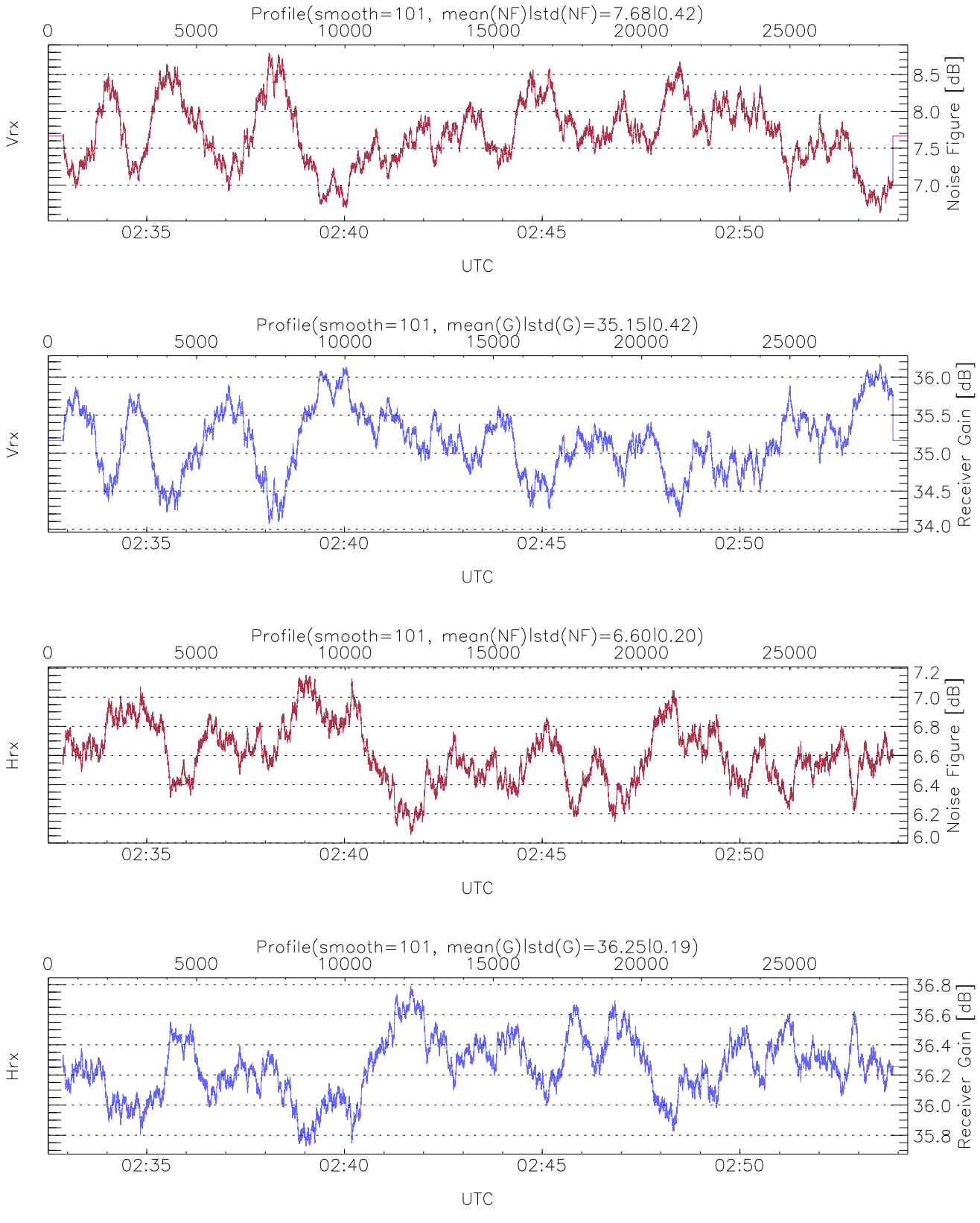
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 02:32:31-02:54:14, TimeCor: 0.00s, Dur: 1303.84s
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): 28968/28968, 0-28967/02:32:31-02:54:14
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|sideluplerror): 1



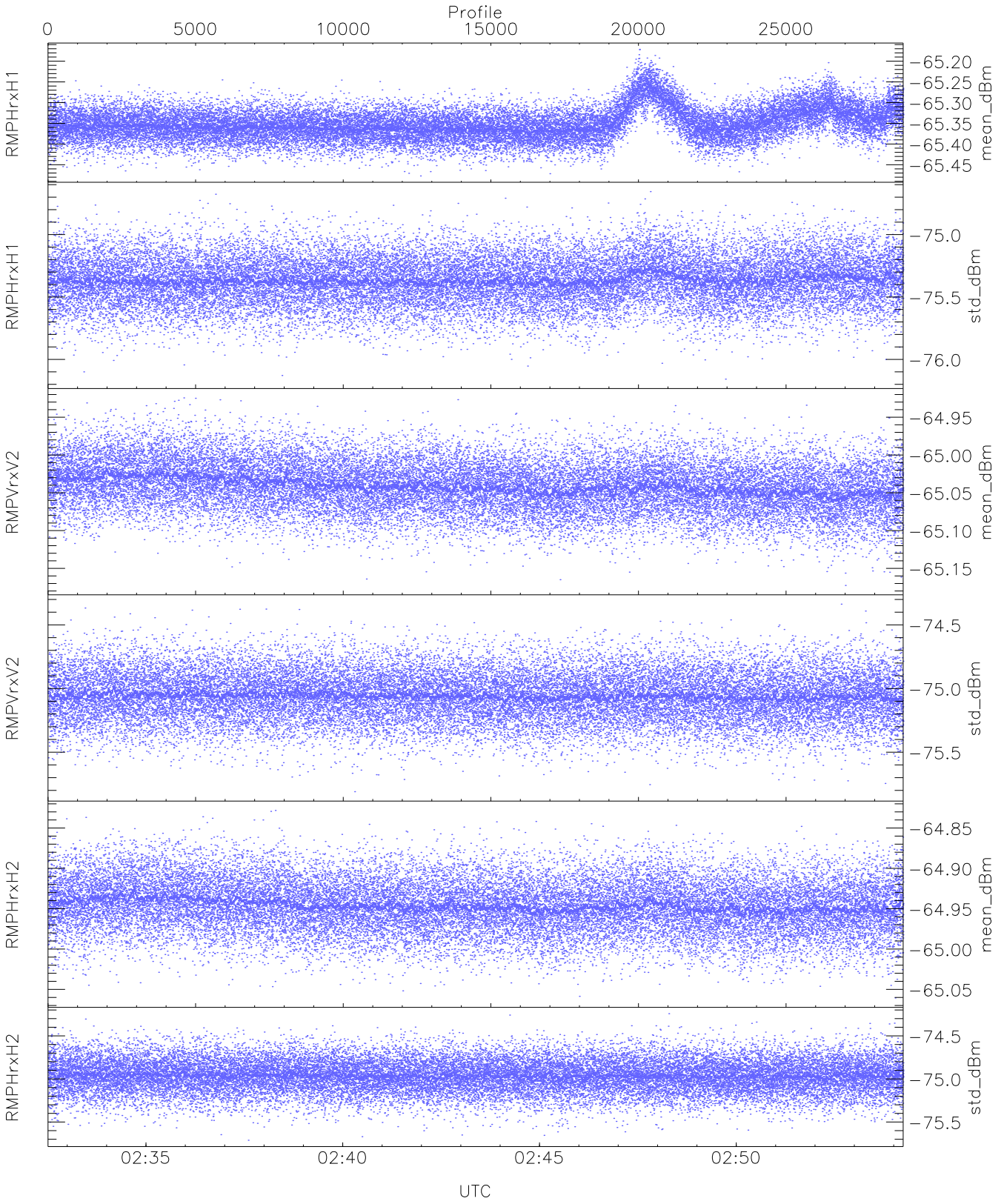
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,24,27,27,28
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,26,28,28,29
LOalarm(20,240,2817,14861 MHz): 0,0,68,0
EIK Faults(# prof affected):
BodyCurr,DeckF (22,22)



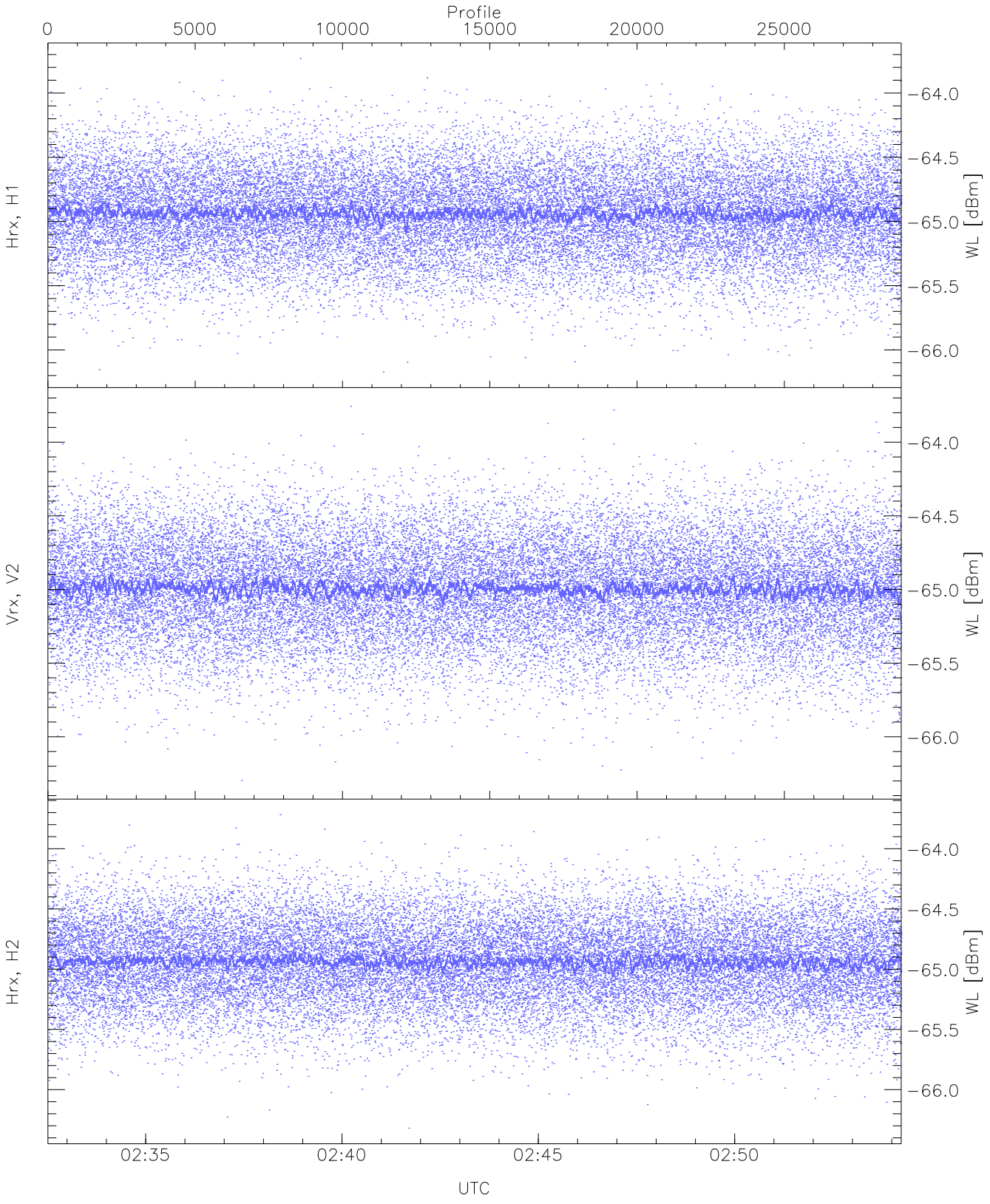
WCR3 CPP Receivers Gain and Noise Figure

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



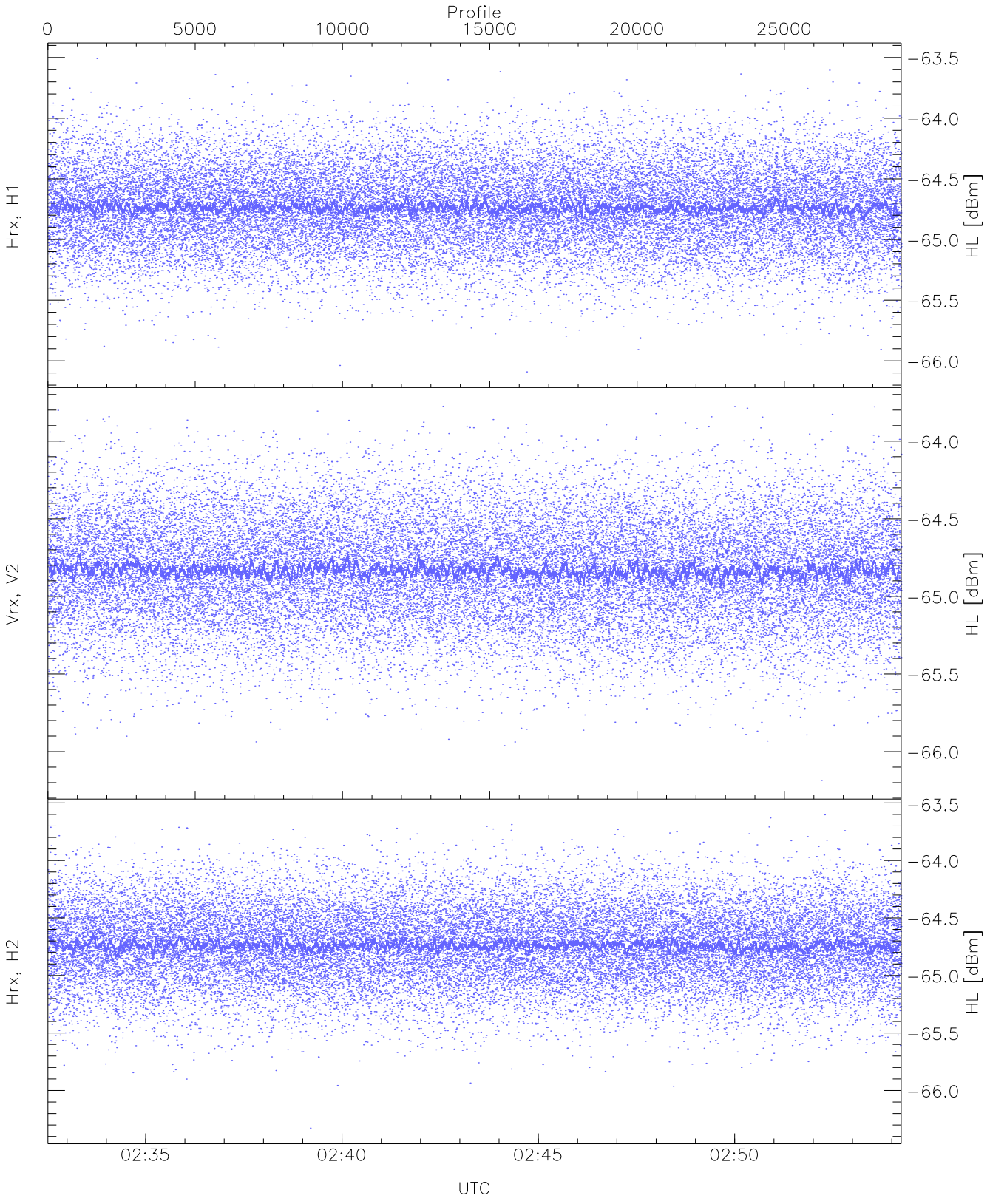
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.48	-65.17	-65.35	-65.35	-85.93
RMPHrxH1(std_dBm)	-76.16	-74.66	-75.36	-75.37	-89.13
RMPVrxV2(mean_dBm)	-65.17	-64.92	-65.04	-65.04	-86.45
RMPVrxV2(std_dBm)	-75.81	-74.34	-75.06	-75.06	-88.82
RMPHrxH2(mean_dBm)	-65.06	-64.83	-64.95	-64.95	-86.46
RMPHrxH2(std_dBm)	-75.71	-74.24	-74.96	-74.96	-88.78



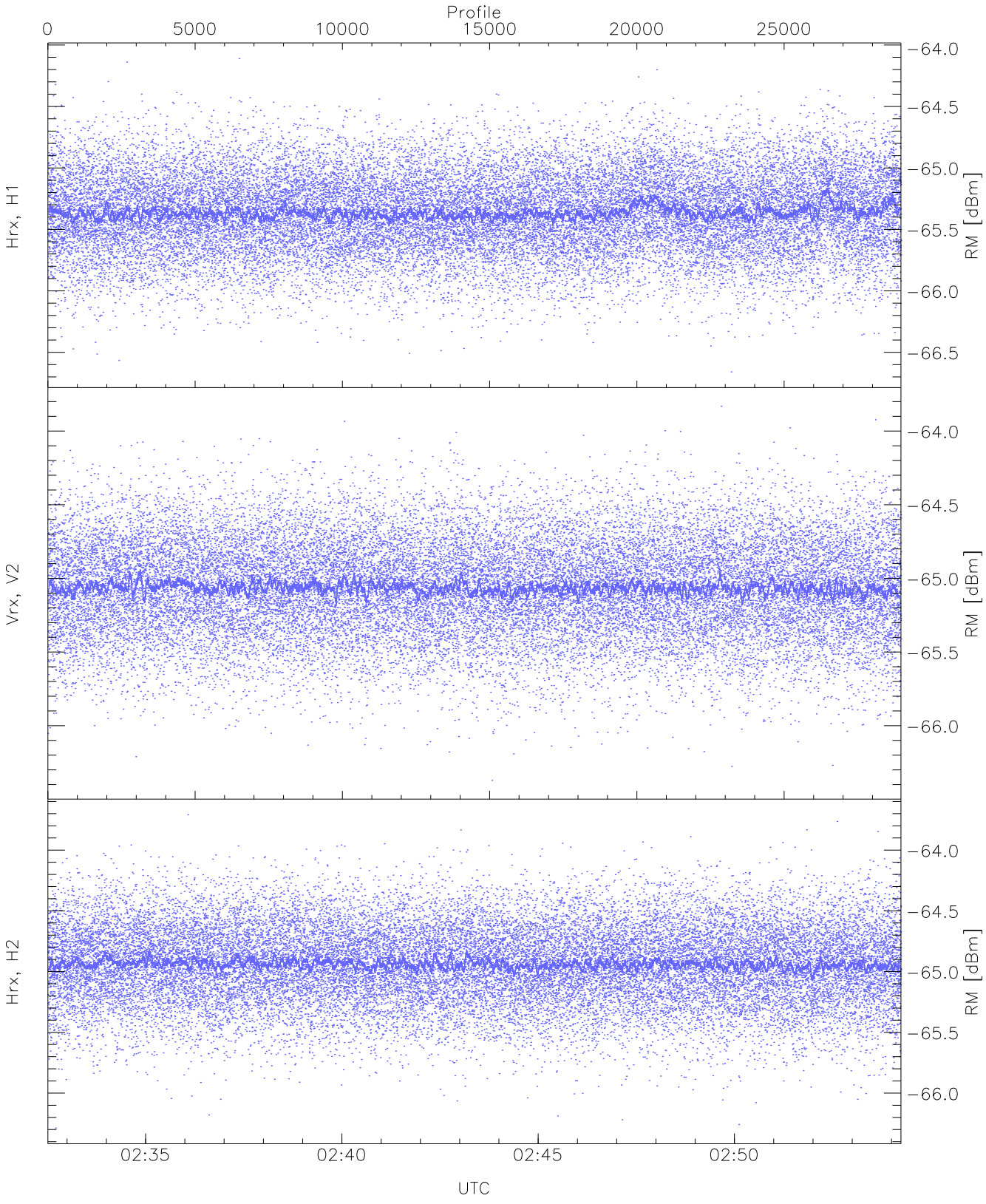
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.17	-63.73	-64.93	-64.94	-76.44
Vrx, V2(WL [dBm])	-66.30	-63.76	-64.99	-64.99	-76.51
Hrx, H2(WL [dBm])	-66.32	-63.72	-64.93	-64.94	-76.43



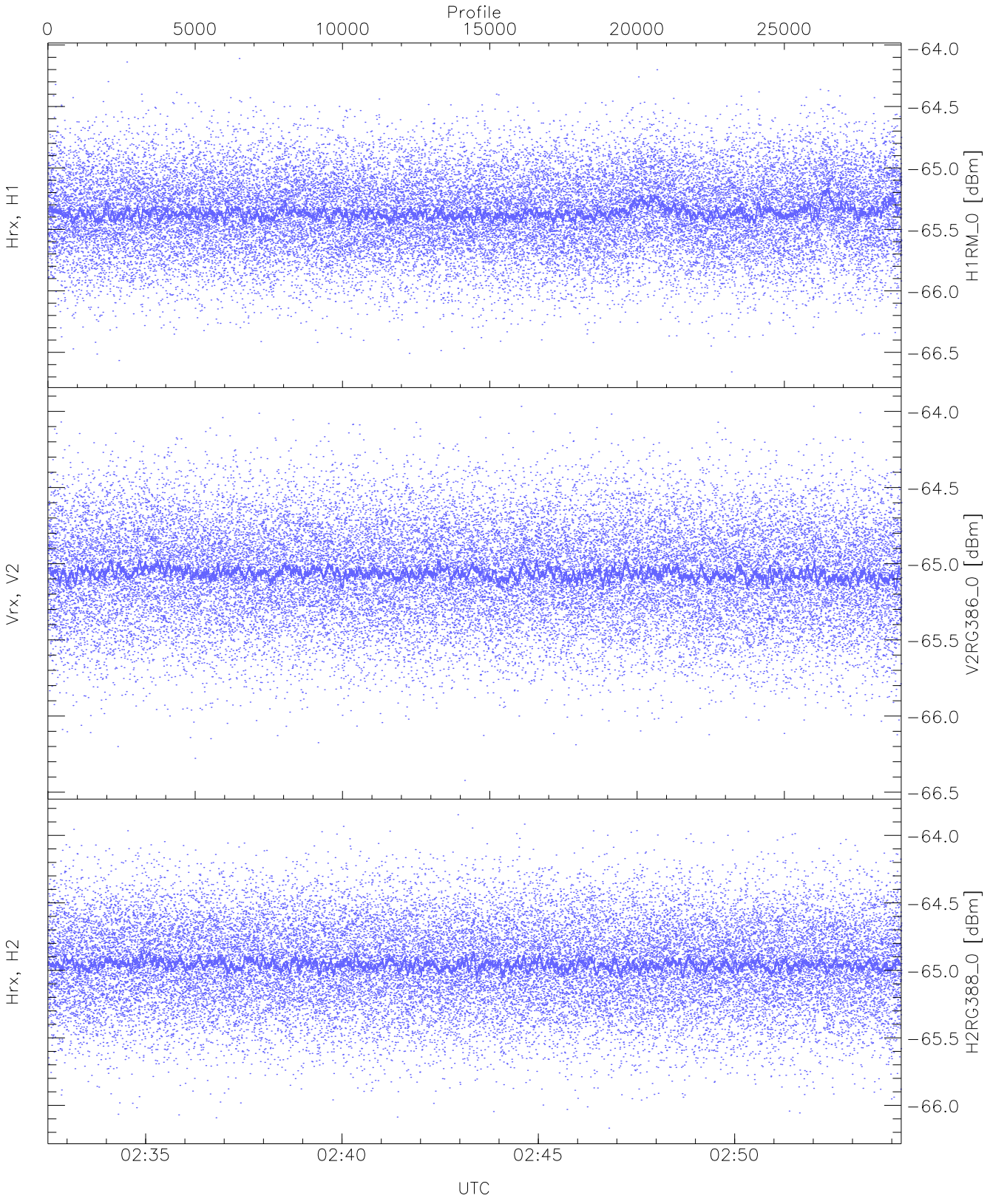
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-66.09	-63.51	-64.73	-64.74	-76.25
Vrx, V2(HL [dBm])	-66.19	-63.78	-64.83	-64.83	-76.35
Hrx, H2(HL [dBm])	-66.33	-63.60	-64.73	-64.74	-76.22



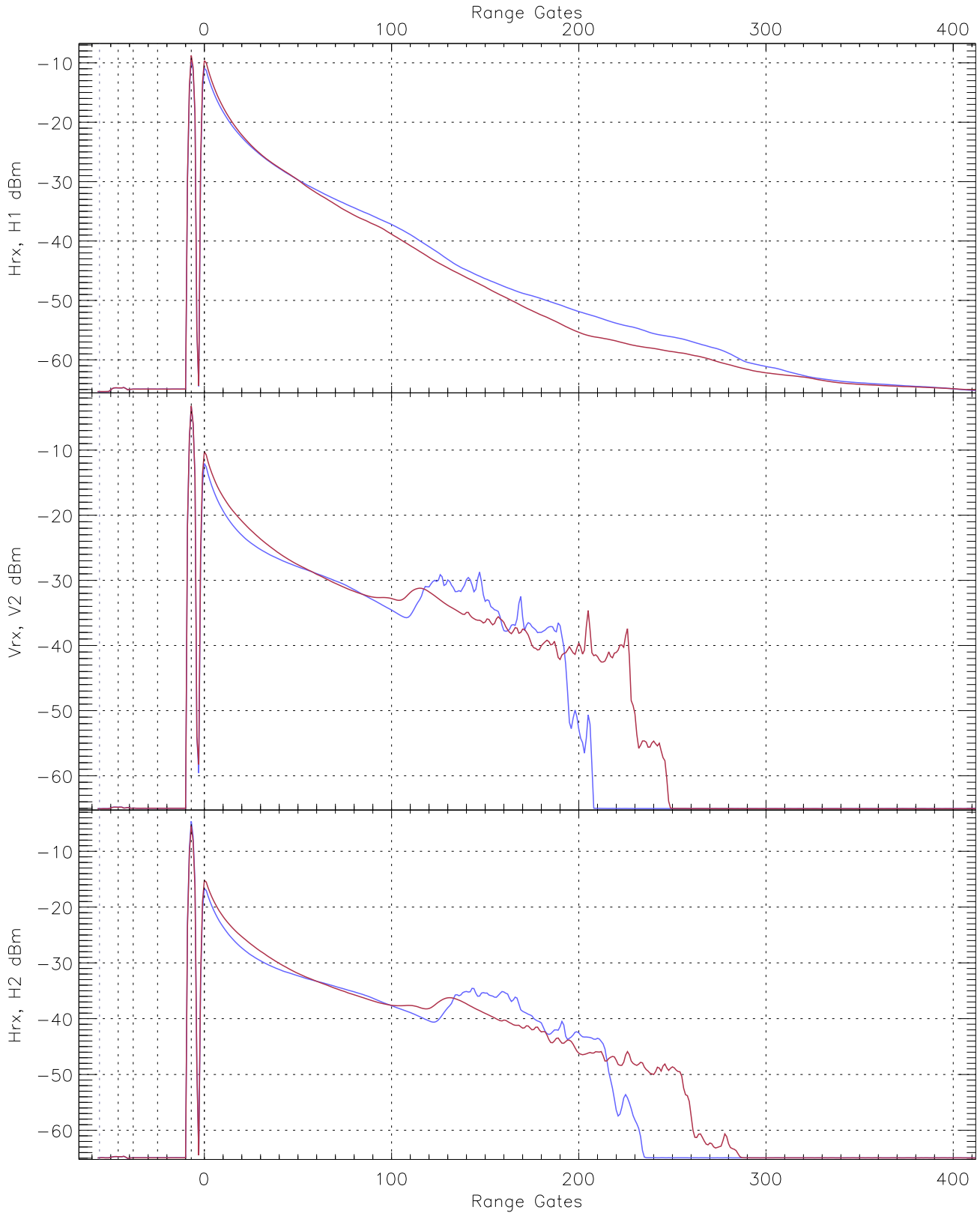
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.66	-64.11	-65.36	-65.36	-76.84
Vrx, V2(RM [dBm])	-66.37	-63.83	-65.06	-65.06	-76.55
Hrx, H2(RM [dBm])	-66.29	-63.71	-64.93	-64.94	-76.46

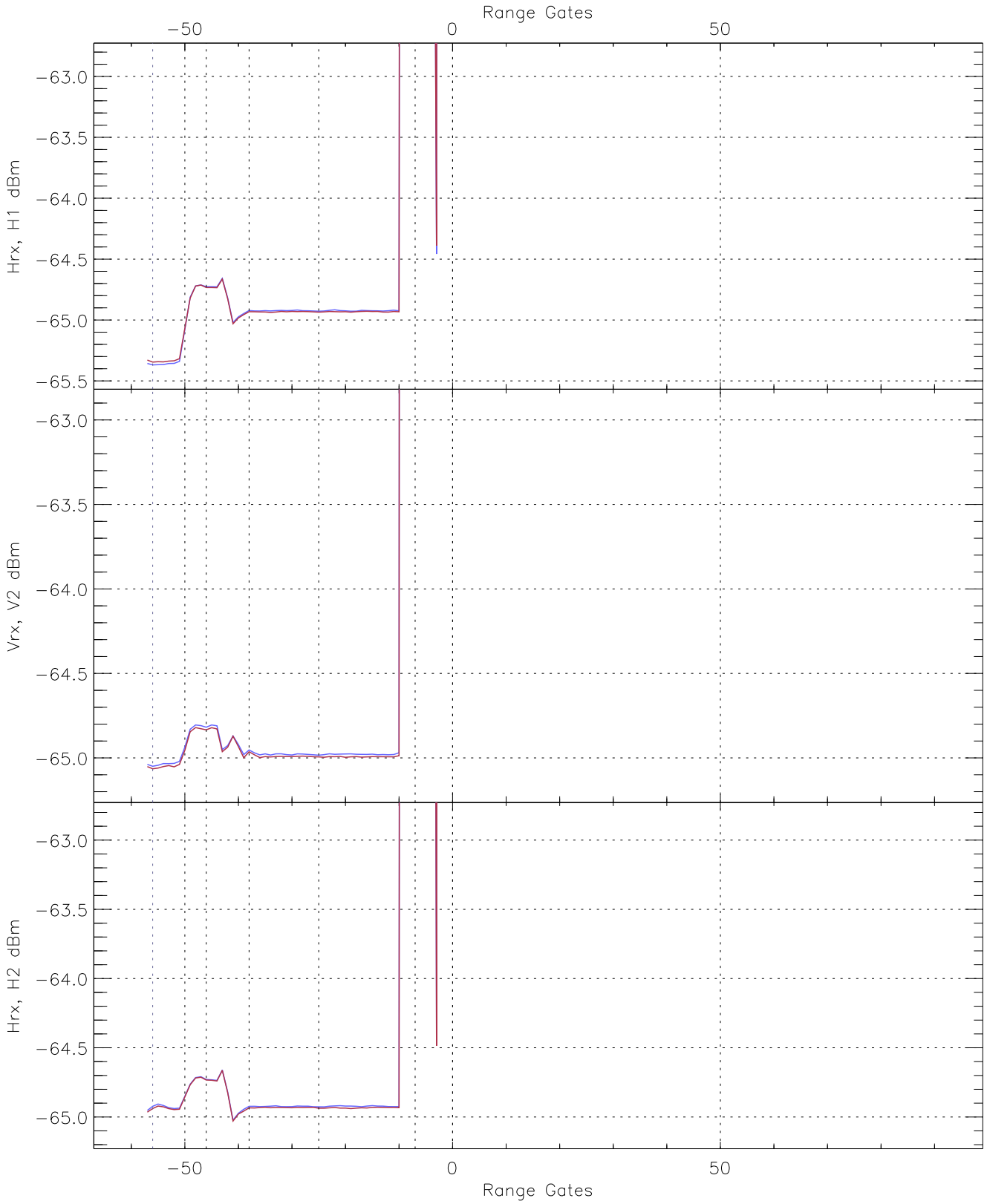


WCR3 CPP "Best" estimate Receivers Noise Power

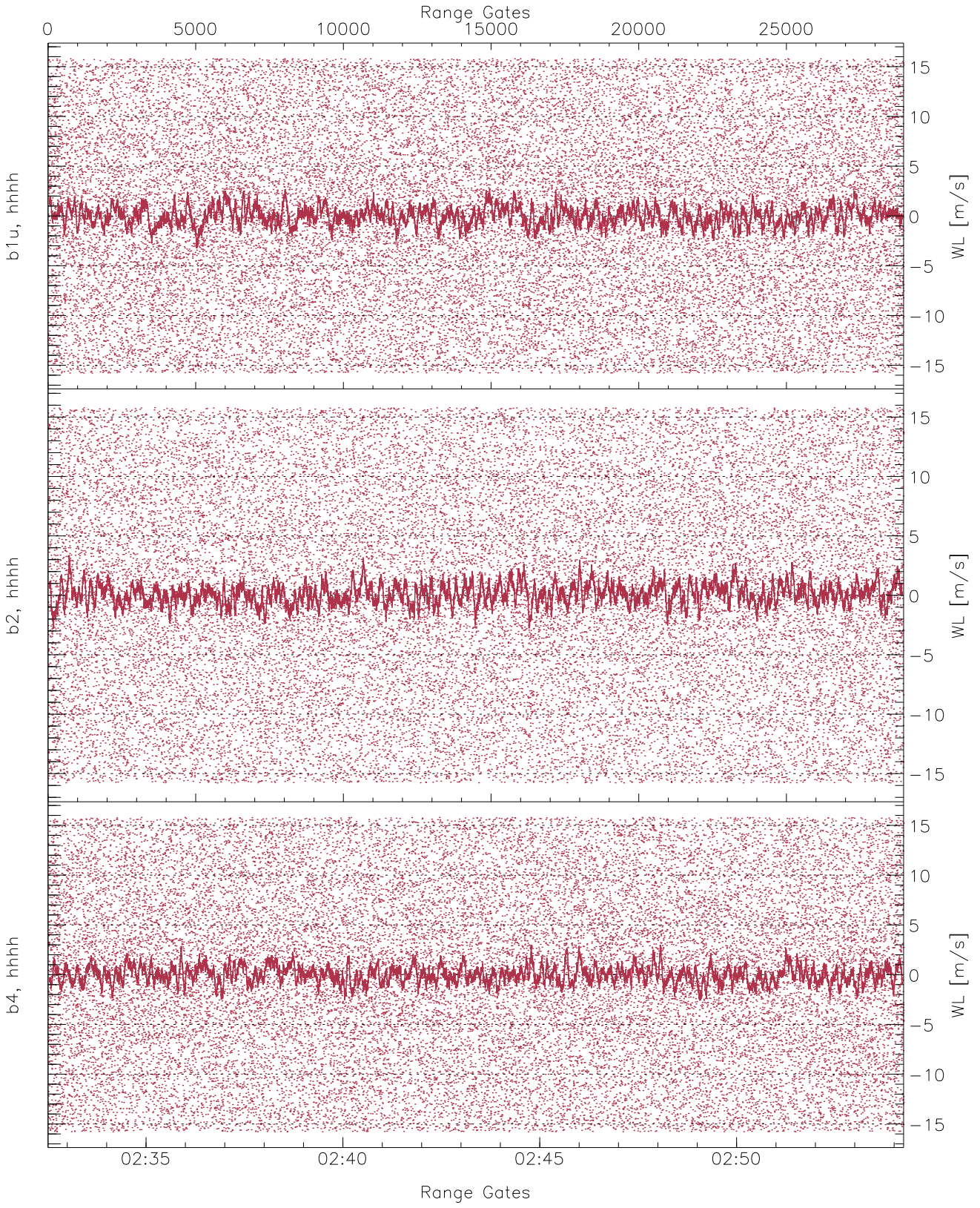
	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-66.66	-64.11	-65.36	-65.36	-76.84
V2RG386_0 [dBm]	-66.42	-63.97	-65.06	-65.06	-76.57
H2RG388_0 [dBm]	-66.17	-63.85	-64.95	-64.96	-76.47



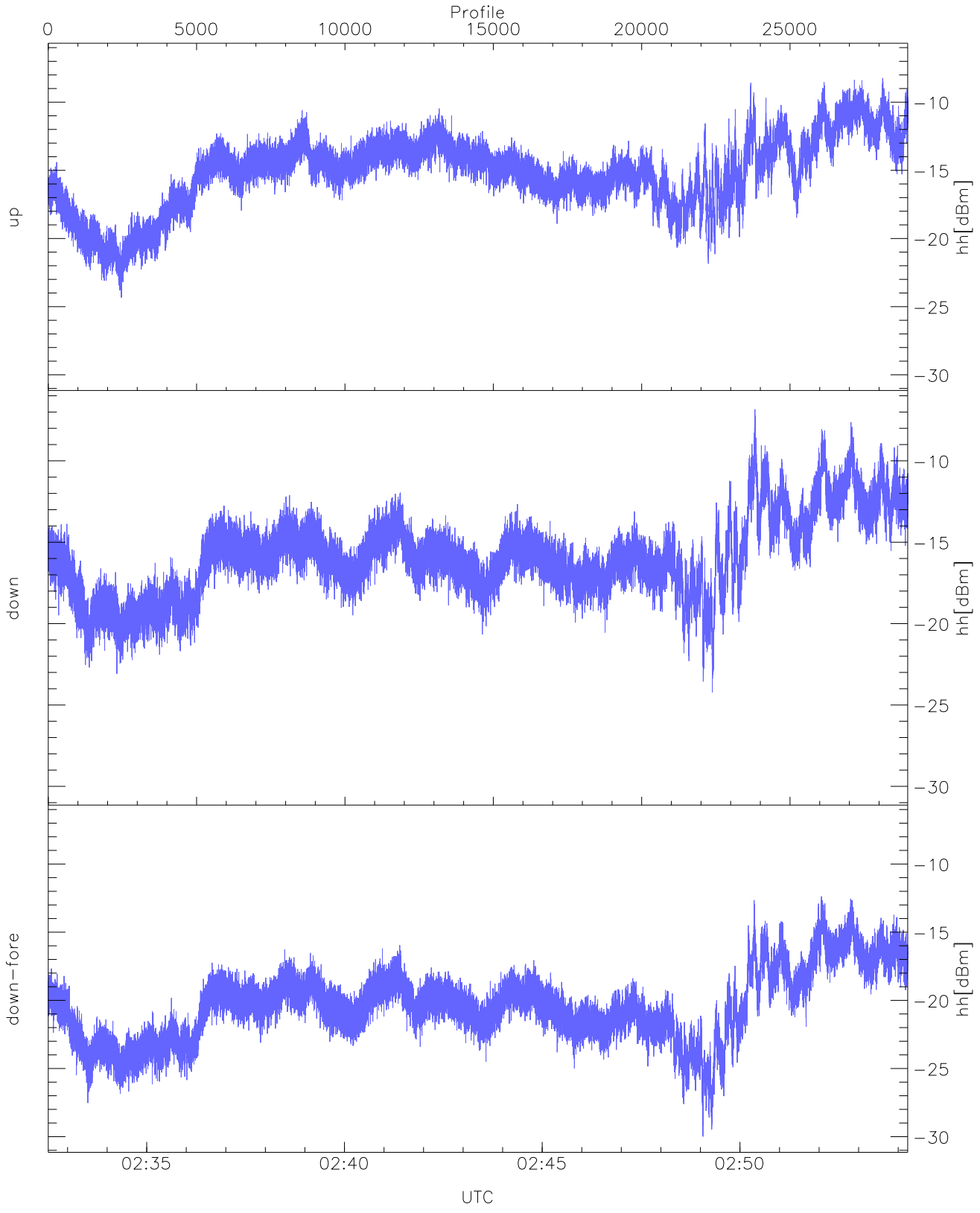
WCR3 CPP Averaged Received power for all recorded gates
blue: 023231-024323, 14485 profiles averaged
red: 024323-025414, 14484 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 023231-024323, 14485 profiles averaged
red: 024323-025414, 14484 profiles averaged

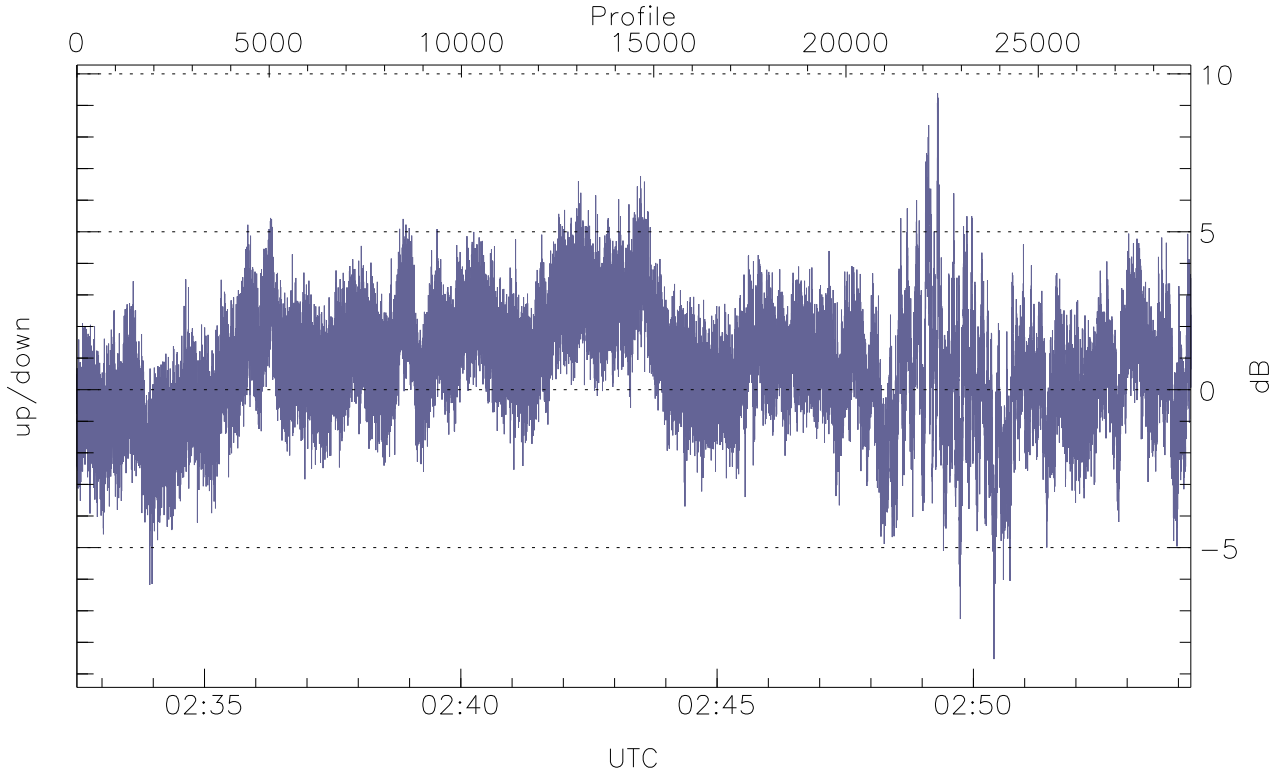


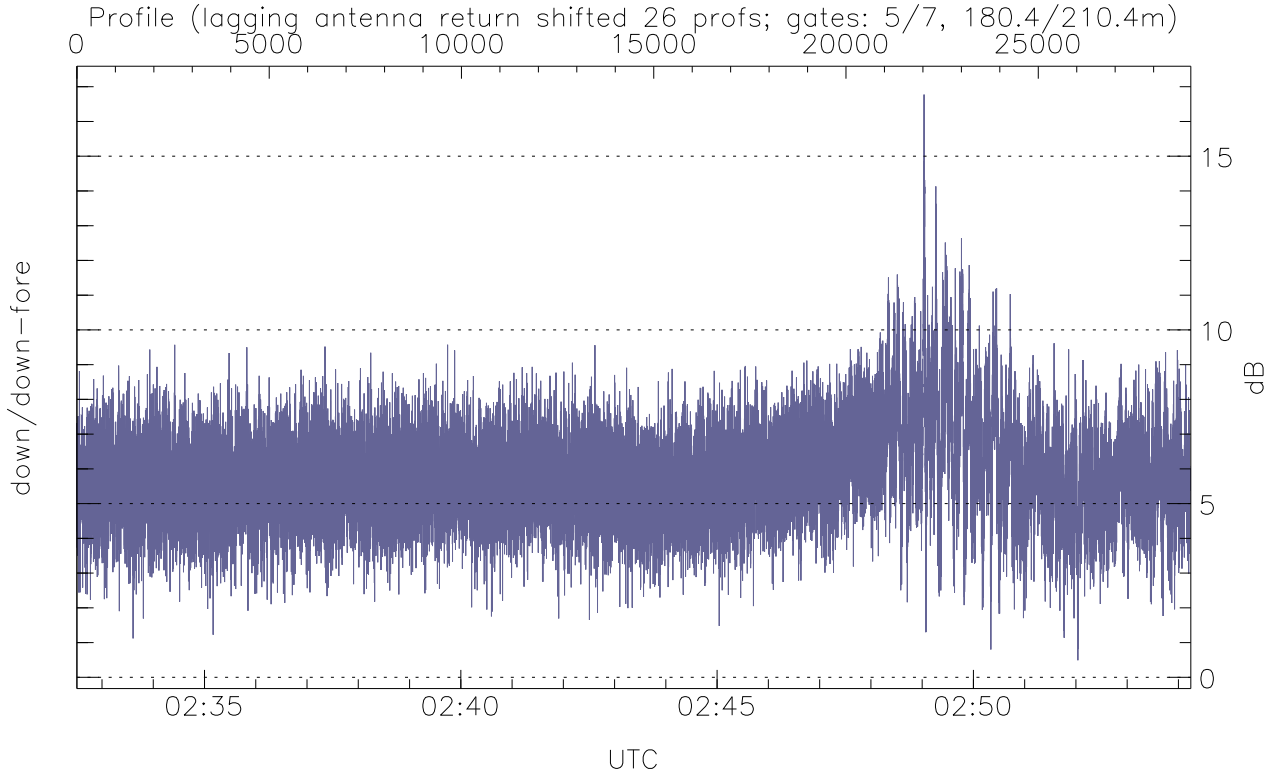
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

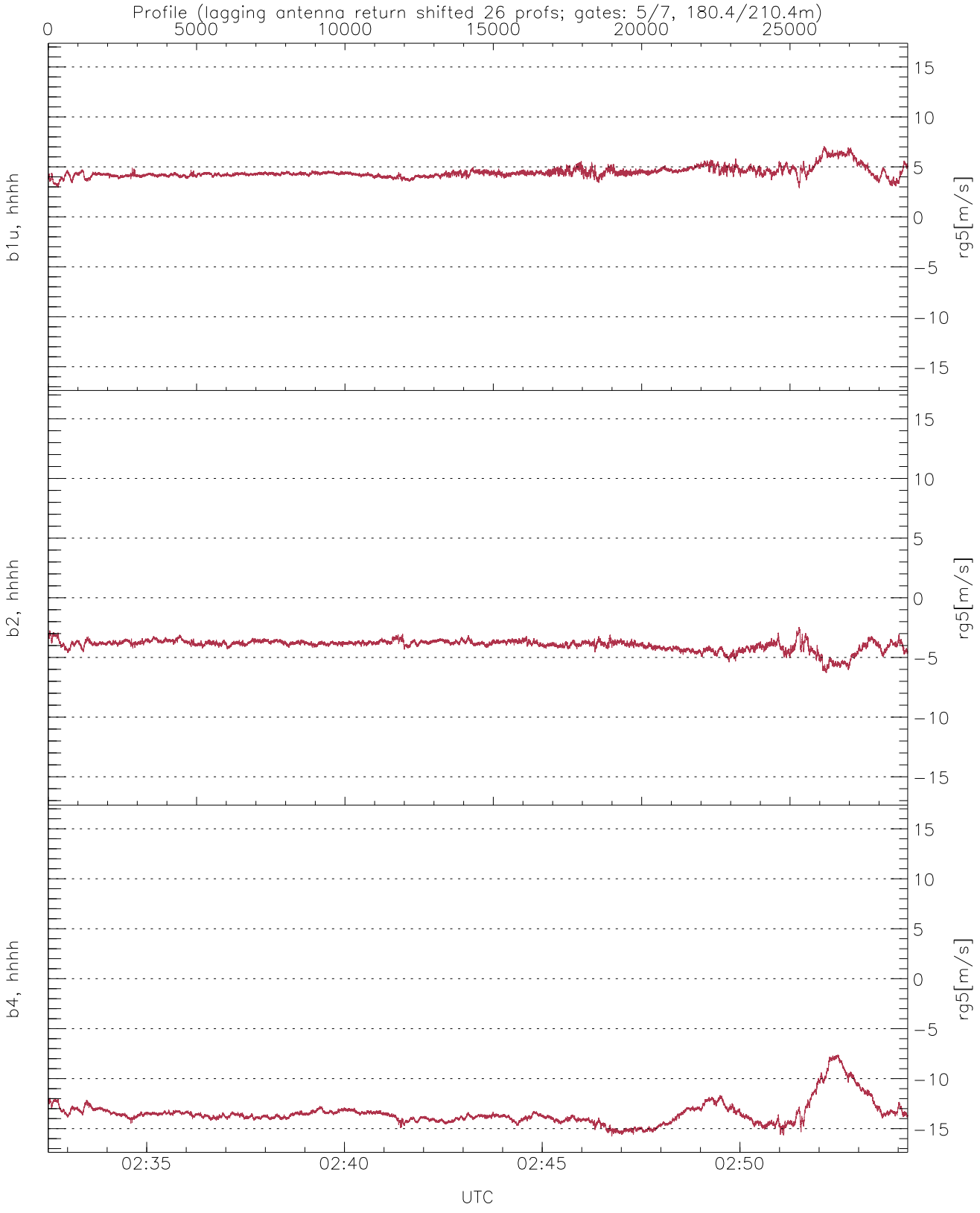
	Min	Max	Mean
up(hh[dBm])	-24.34	-8.23	-14.46
down(hh[dBm])	-24.21	-6.83	-15.17
down-fore(hh[dBm])	-29.99	-12.37	-19.64





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

	Min	Max	Mean
up/down(dB)	-8.53	9.38	0.71
down/down-fore(dB)	0.49	16.78	5.82



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	2.88	7.07	4.45	0.55
b2, hhhh(rg5[m/s])	-6.29	-2.46	-3.96	0.47
b4, hhhh(rg5[m/s])	-15.78	-7.61	-13.47	1.23