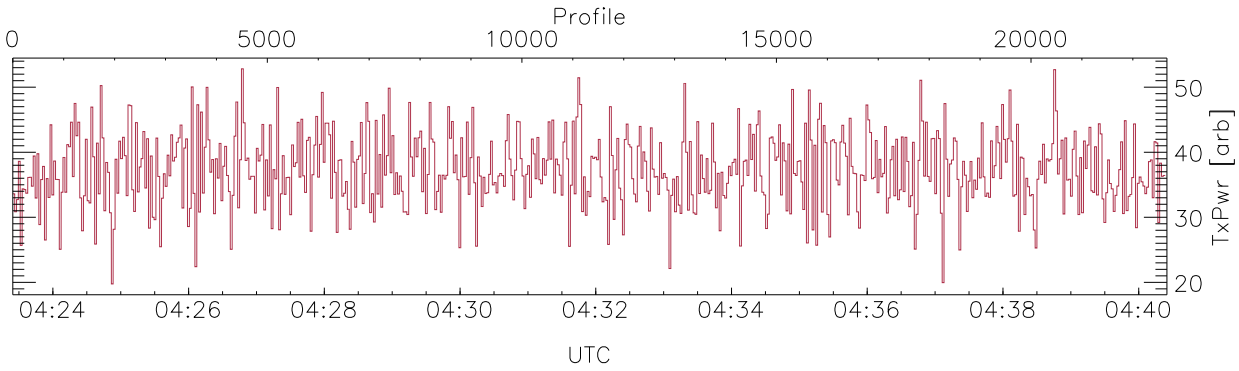
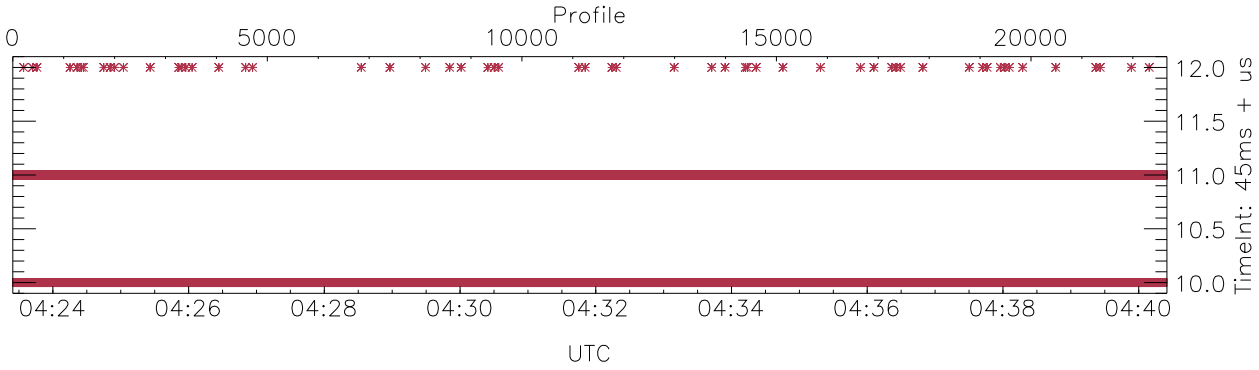
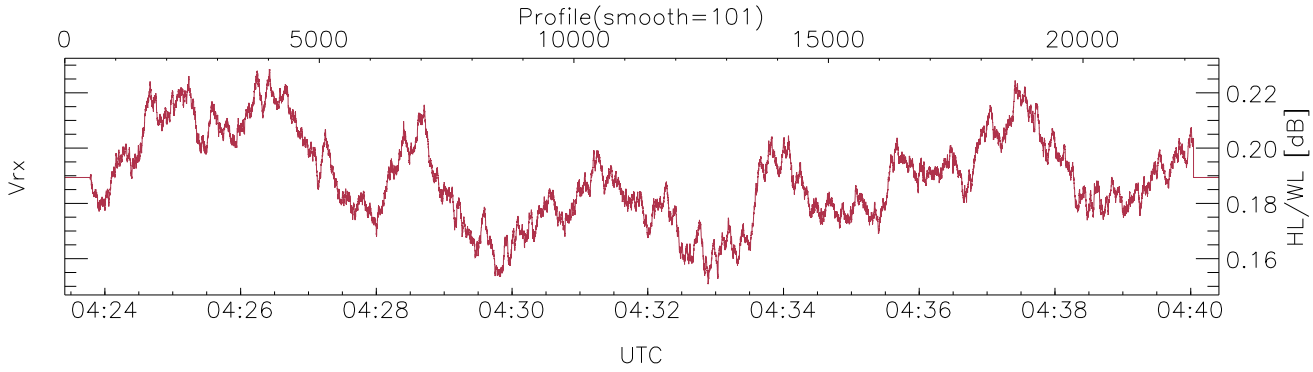
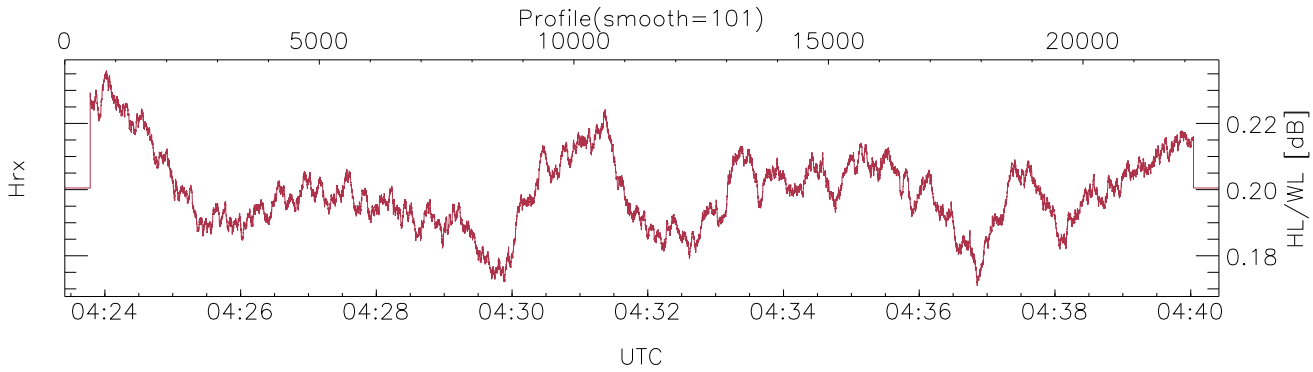


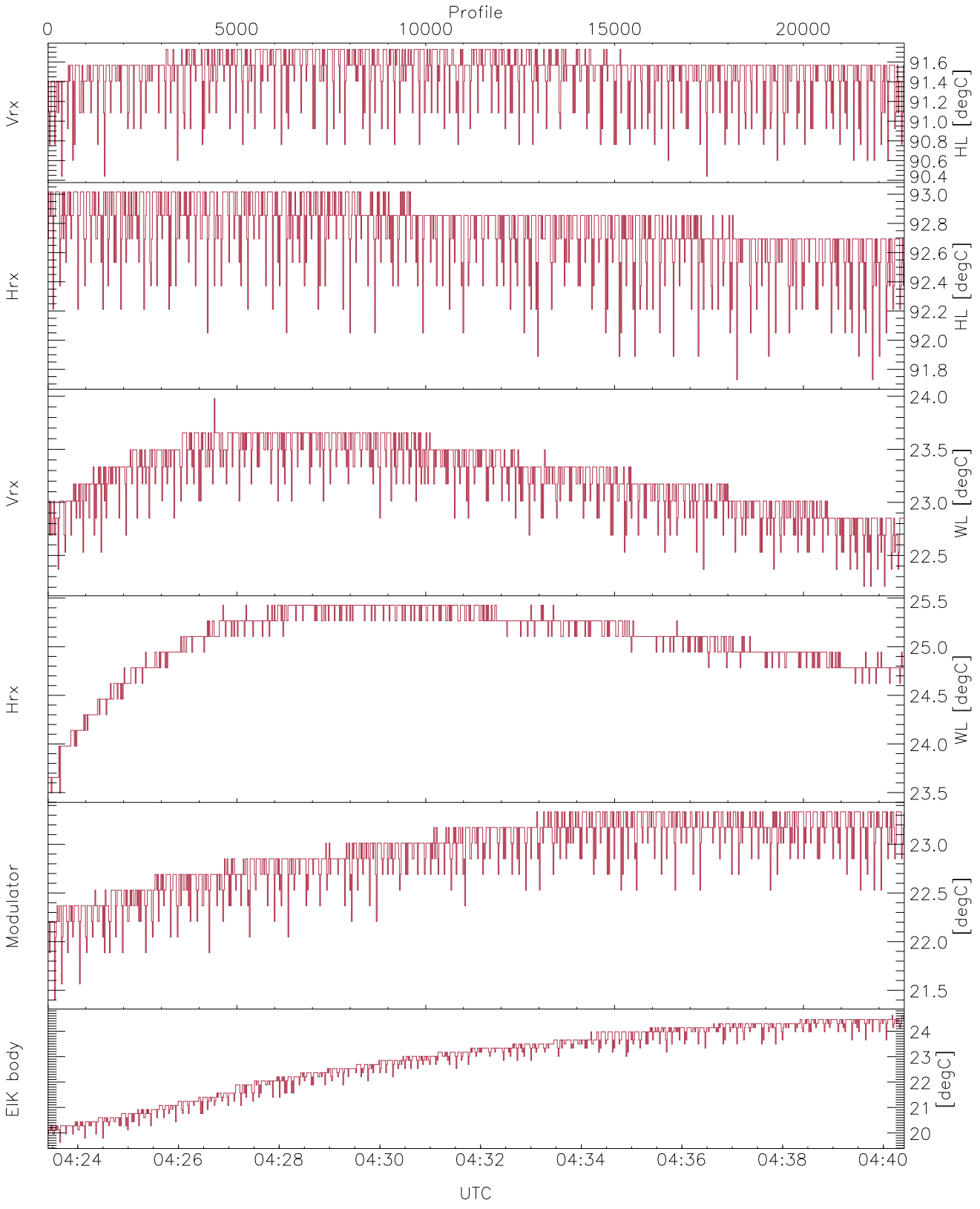






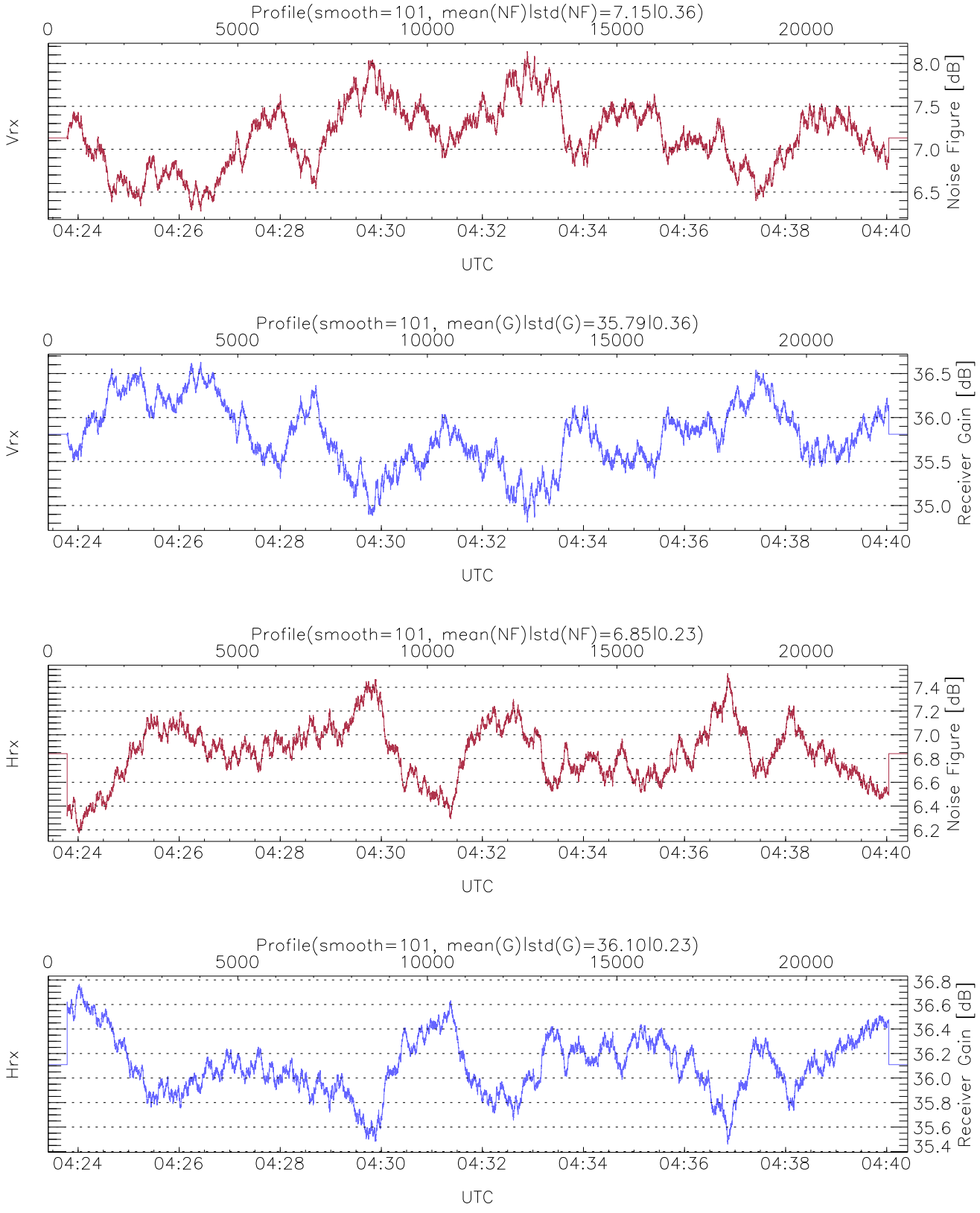
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 04:23:25-04:40:25, 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, 0-22671/04:23:25-04:40:25
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



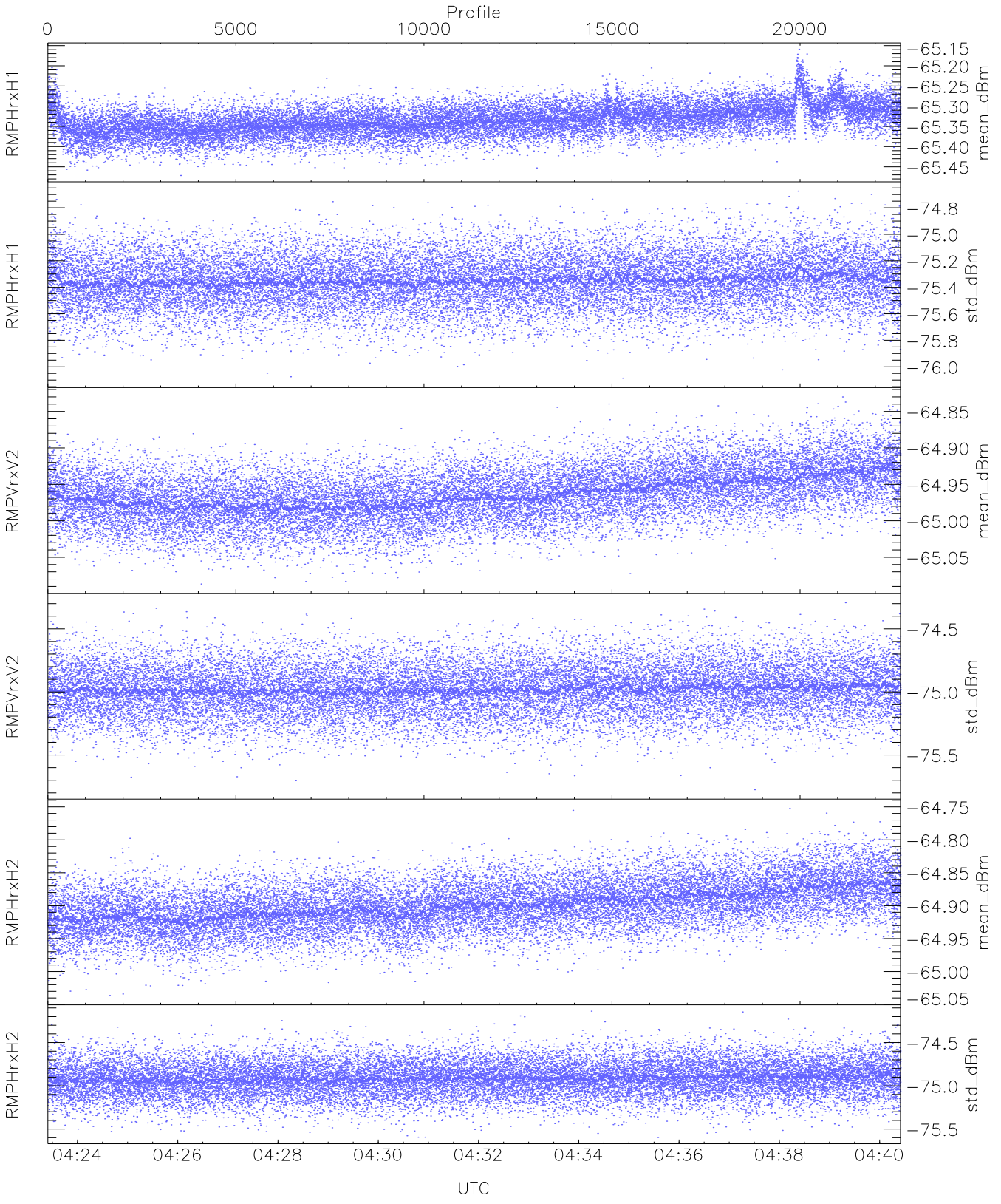
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,22,23,21,19
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,23,25,23,24
LOalarm(20,240,2817,14861 MHz): 0,0,22,0
EIK Faults(# prof affected):
BodyCurr,DeckF,OverDuty (22,22,22)



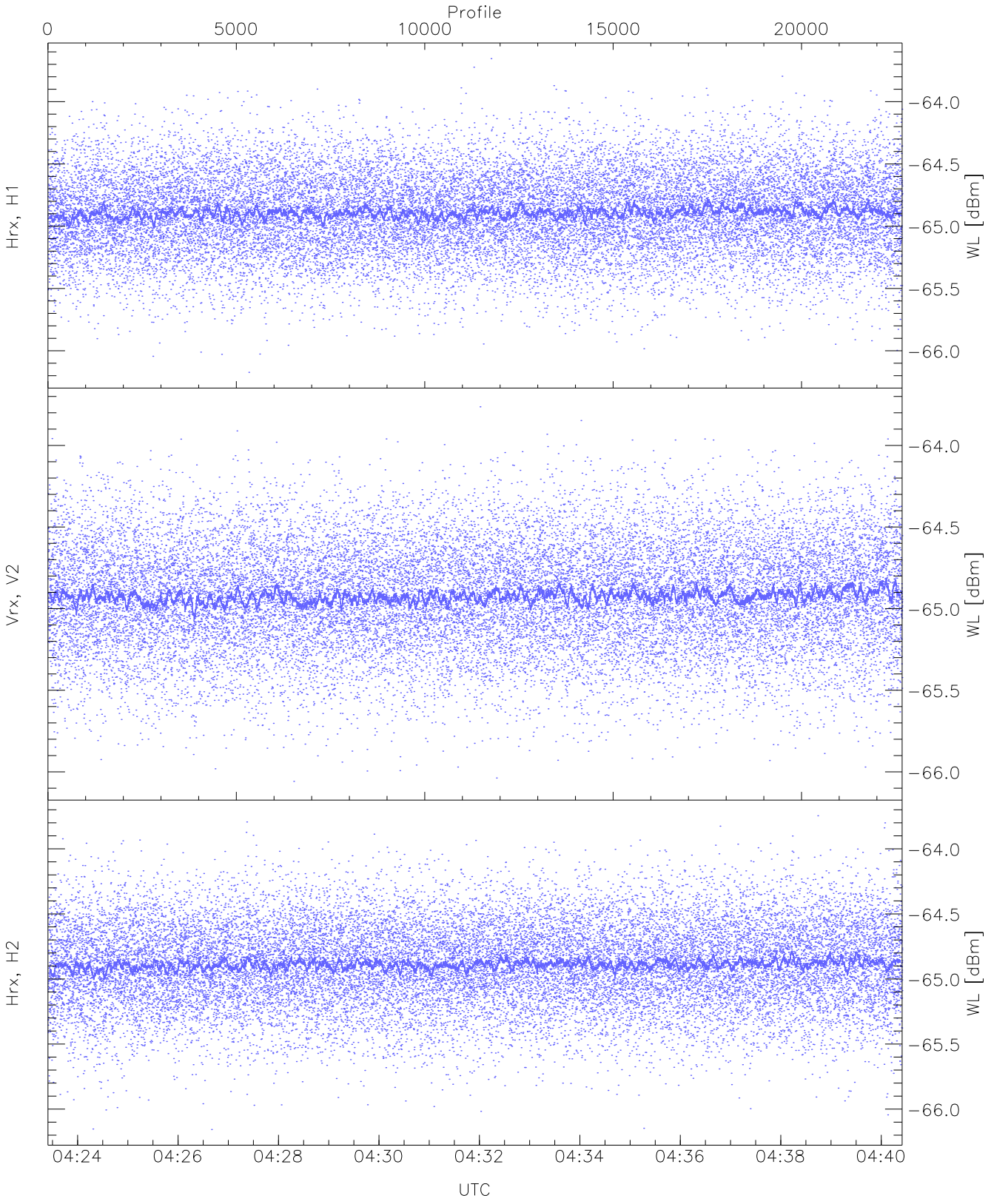
WCR3 CPP Receivers Gain and Noise Figure

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



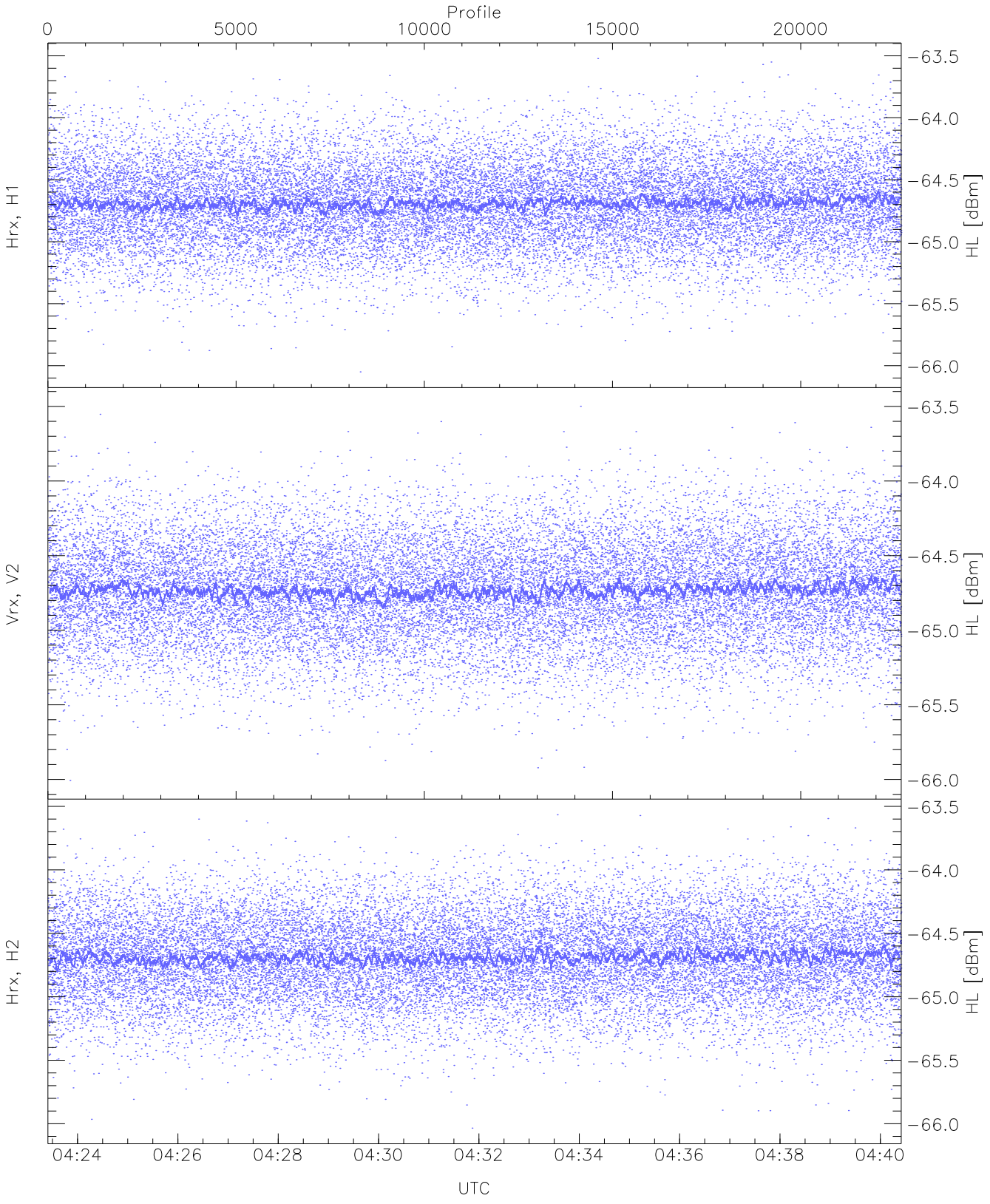
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.47	-65.16	-65.34	-65.34	-85.98
RMPHrxH1(std_dBm)	-76.09	-74.67	-75.35	-75.35	-89.14
RMPVrxV2(mean_dBm)	-65.09	-64.83	-64.96	-64.96	-85.97
RMPVrxV2(std_dBm)	-75.78	-74.29	-74.98	-74.98	-88.77
RMPHrxH2(mean_dBm)	-65.04	-64.75	-64.90	-64.90	-85.85
RMPHrxH2(std_dBm)	-75.60	-74.14	-74.91	-74.92	-88.66



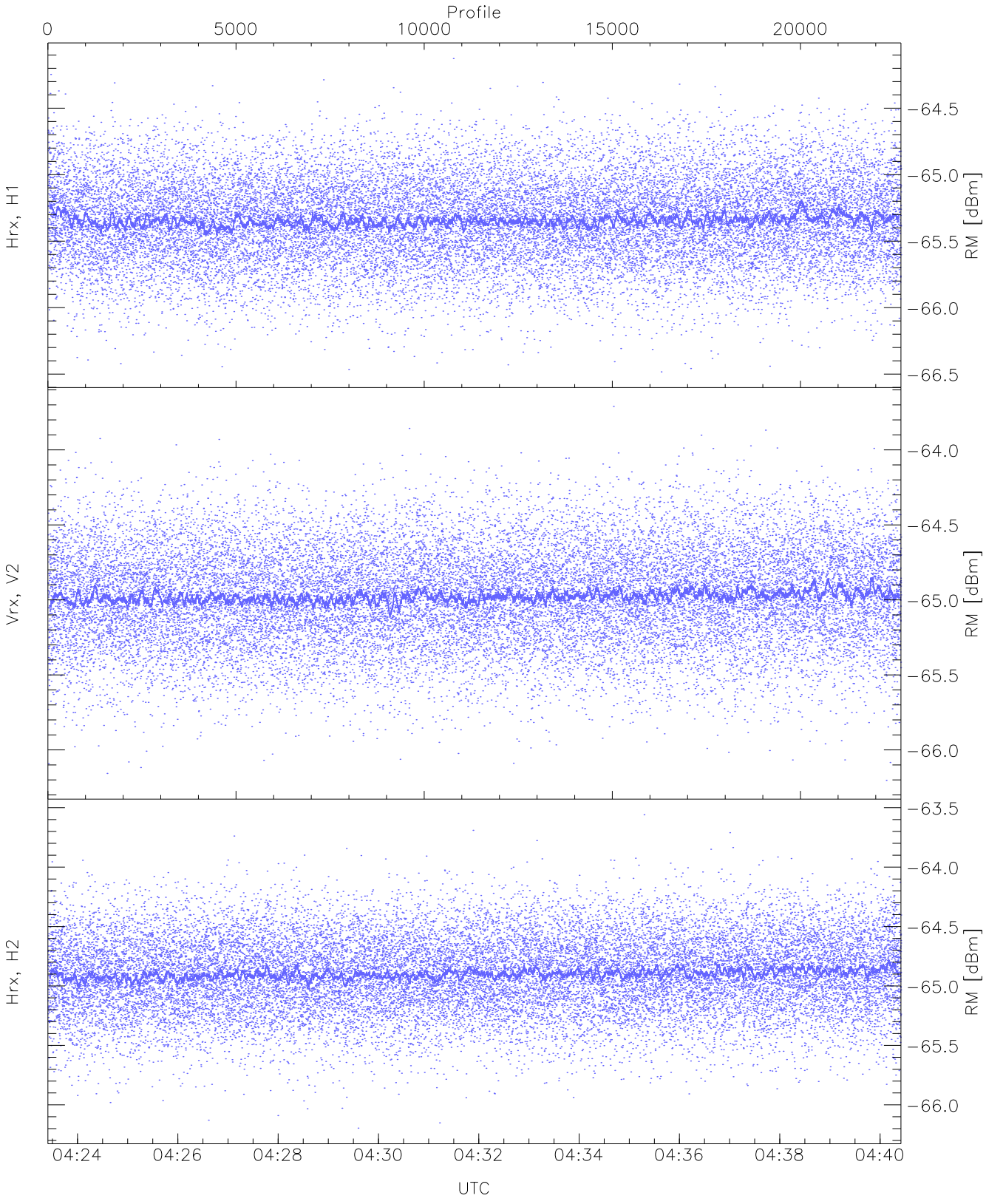
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.17	-63.65	-64.89	-64.89	-76.35
Vrx, V2(WL [dBm])	-66.06	-63.76	-64.92	-64.93	-76.44
Hrx, H2(WL [dBm])	-66.16	-63.75	-64.88	-64.89	-76.38



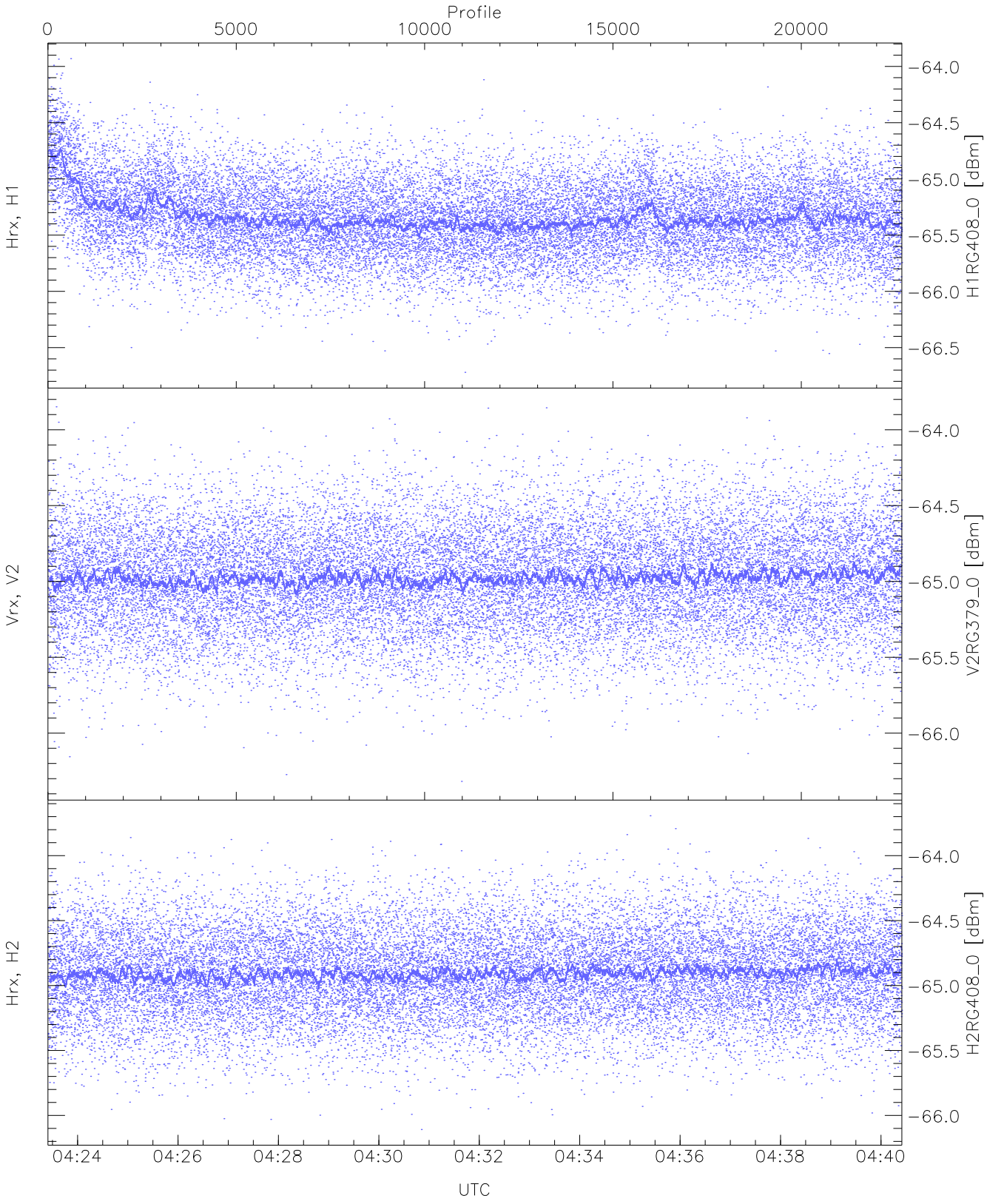
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-66.05	-63.52	-64.68	-64.69	-76.16
Vrx, V2(HL [dBm])	-66.01	-63.50	-64.73	-64.73	-76.23
Hrx, H2(HL [dBm])	-66.03	-63.57	-64.68	-64.69	-76.17



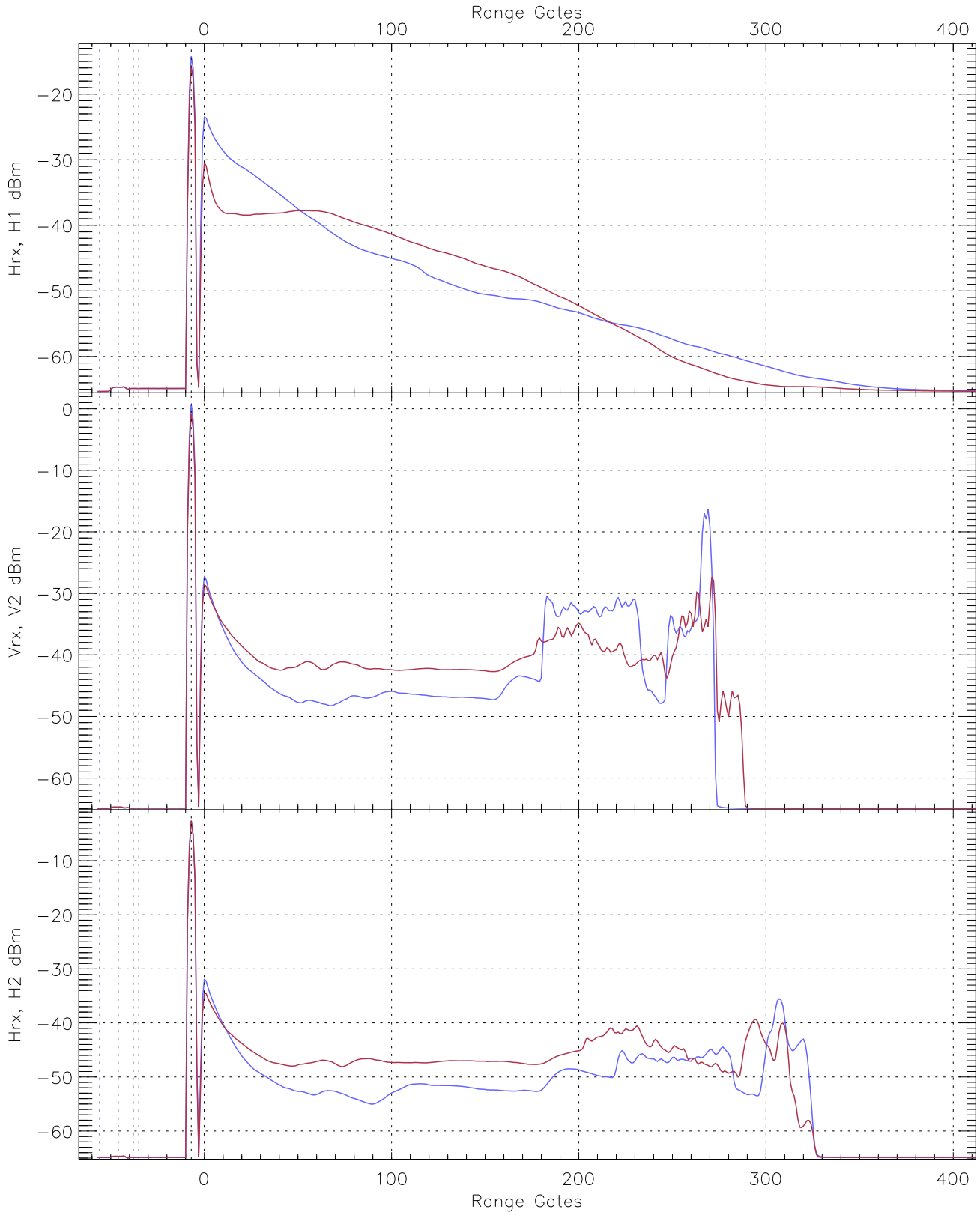
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.48	-64.13	-65.34	-65.34	-76.85
Vrx, V2(RM [dBm])	-66.20	-63.71	-64.97	-64.98	-76.44
Hrx, H2(RM [dBm])	-66.20	-63.56	-64.89	-64.90	-76.36

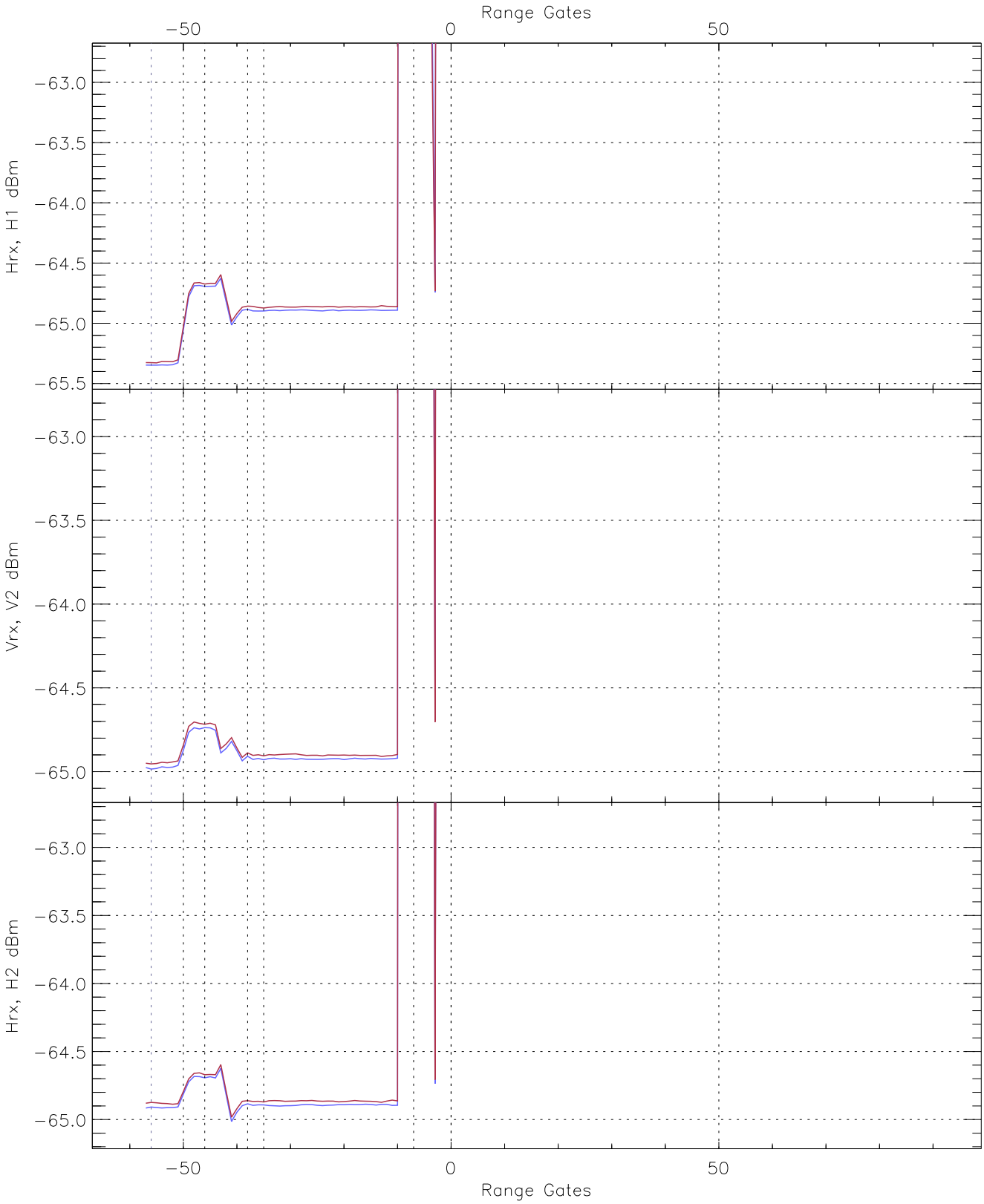


WCR3 CPP "Best" estimate Receivers Noise Power

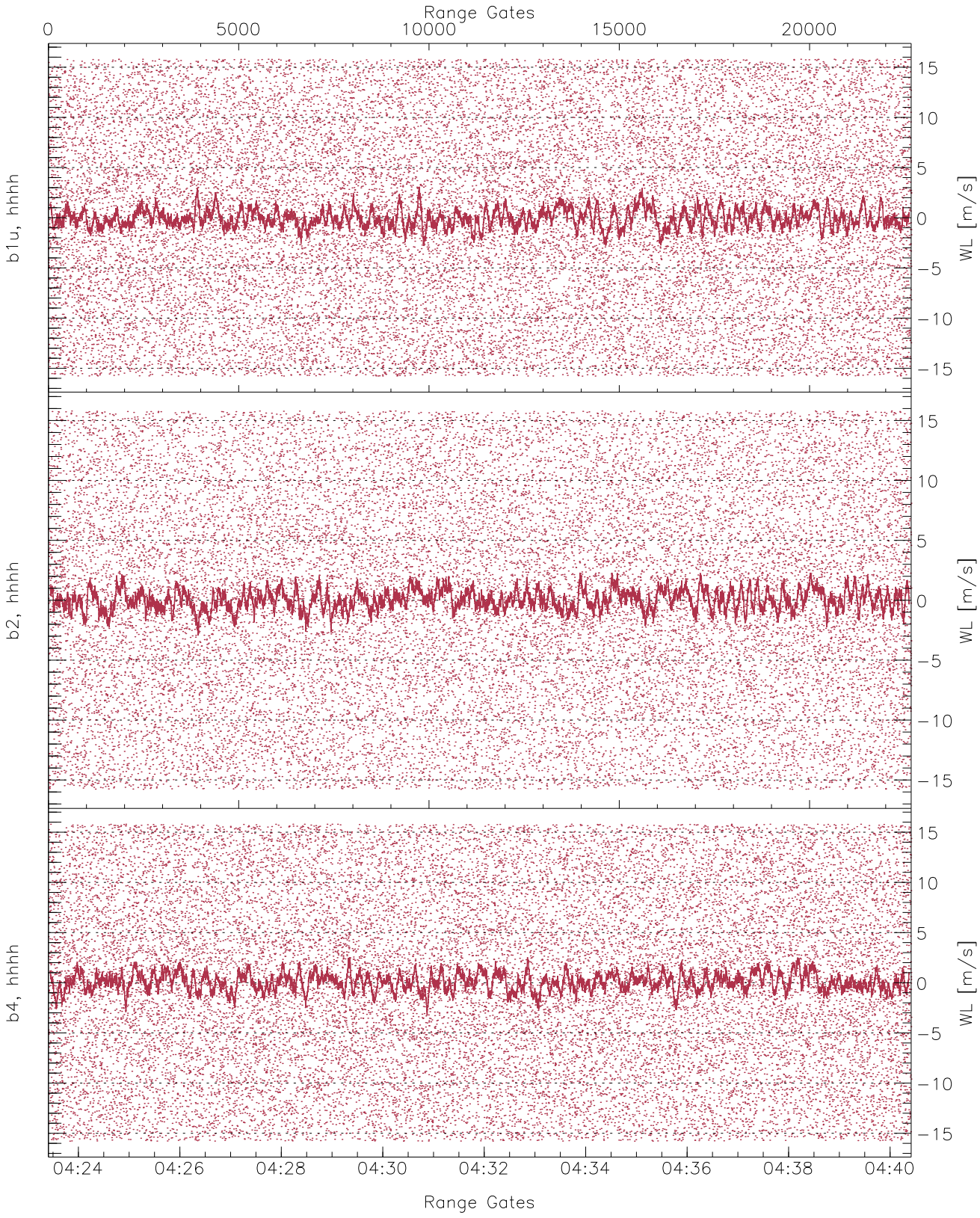
	Min	Max	Mean	Median	StDev
H1RG408_0 [dBm]	-66.72	-63.93	-65.34	-65.35	-76.57
V2RG379_0 [dBm]	-66.32	-63.85	-64.97	-64.97	-76.46
H2RG408_0 [dBm]	-66.11	-63.69	-64.90	-64.91	-76.38



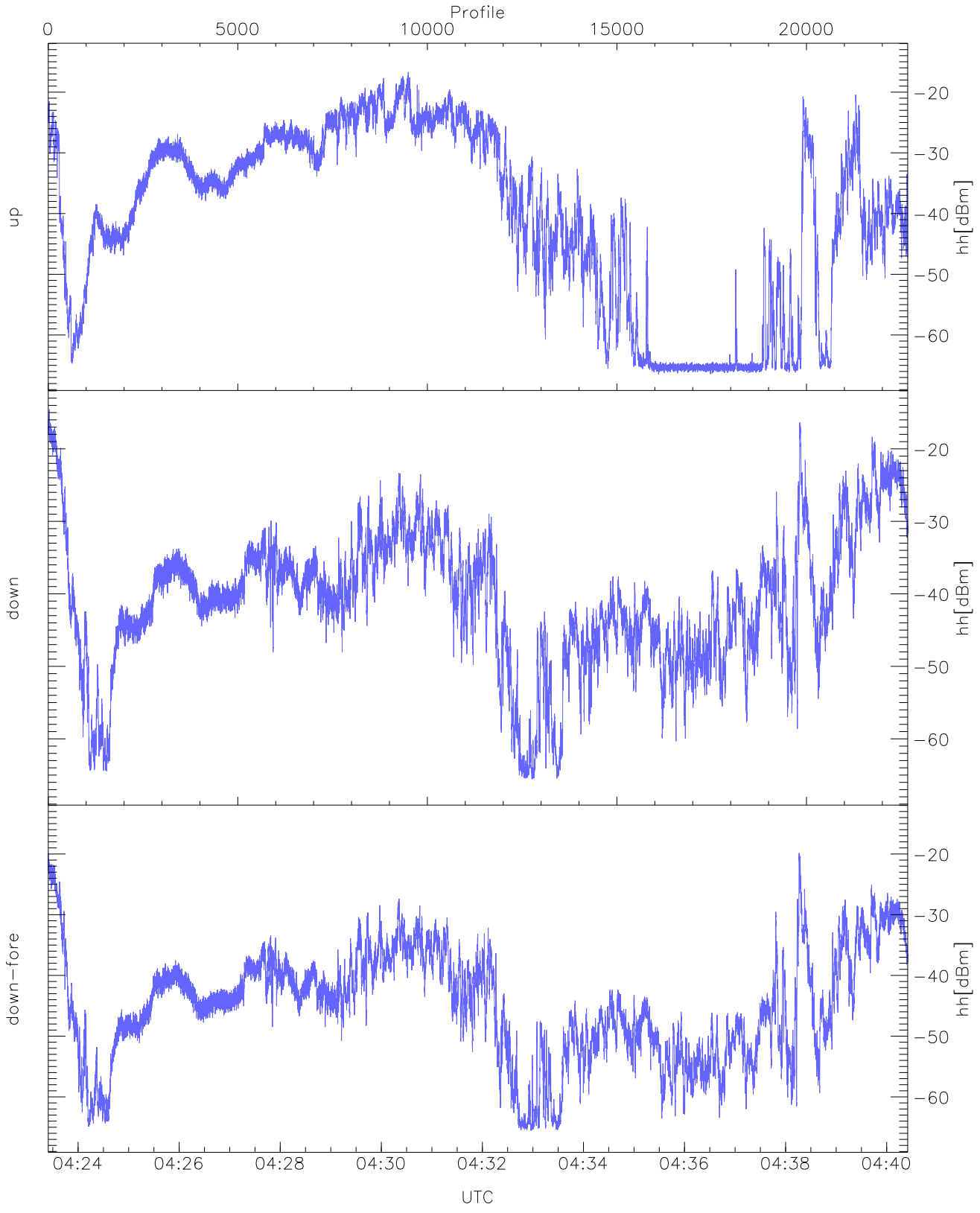
WCR3 CPP Averaged Received power for all recorded gates
blue: 042325-043155, 11337 profiles averaged
red: 043155-044025, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 042325-043155, 11337 profiles averaged
red: 043155-044025, 11336 profiles averaged

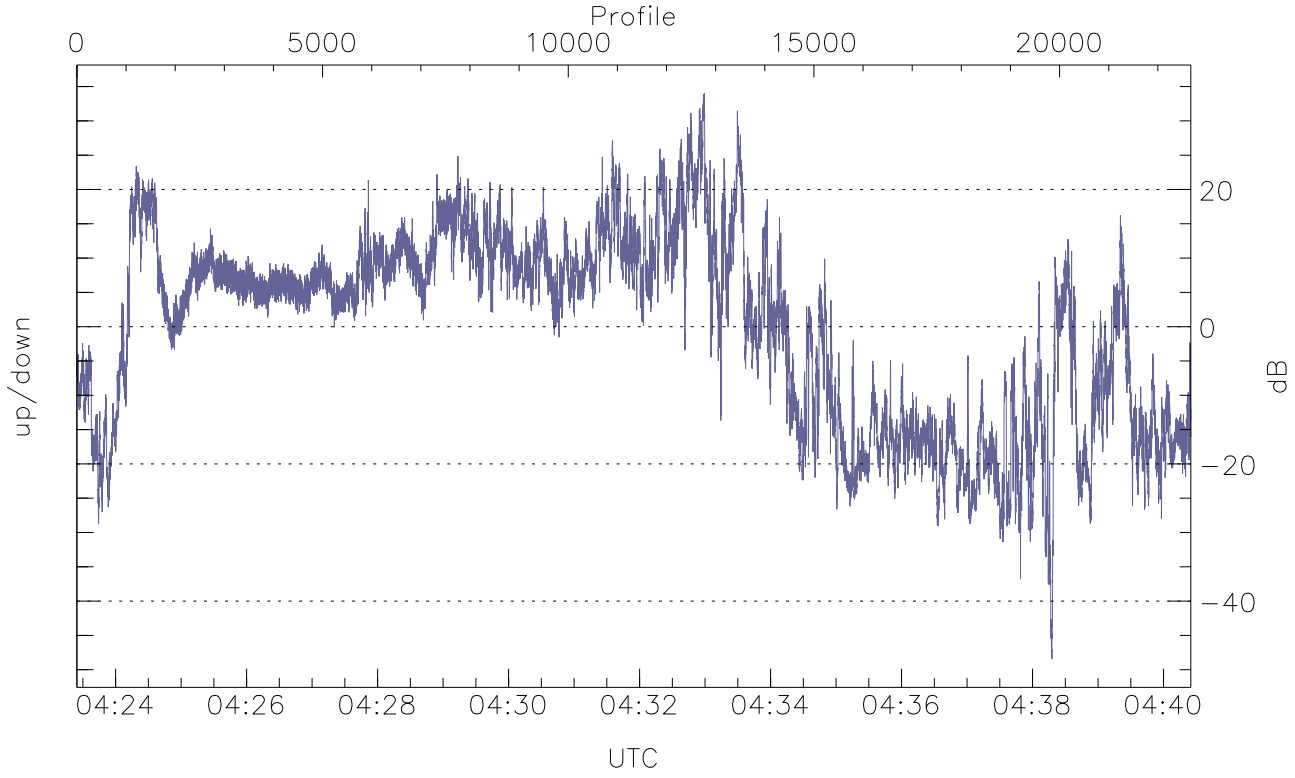


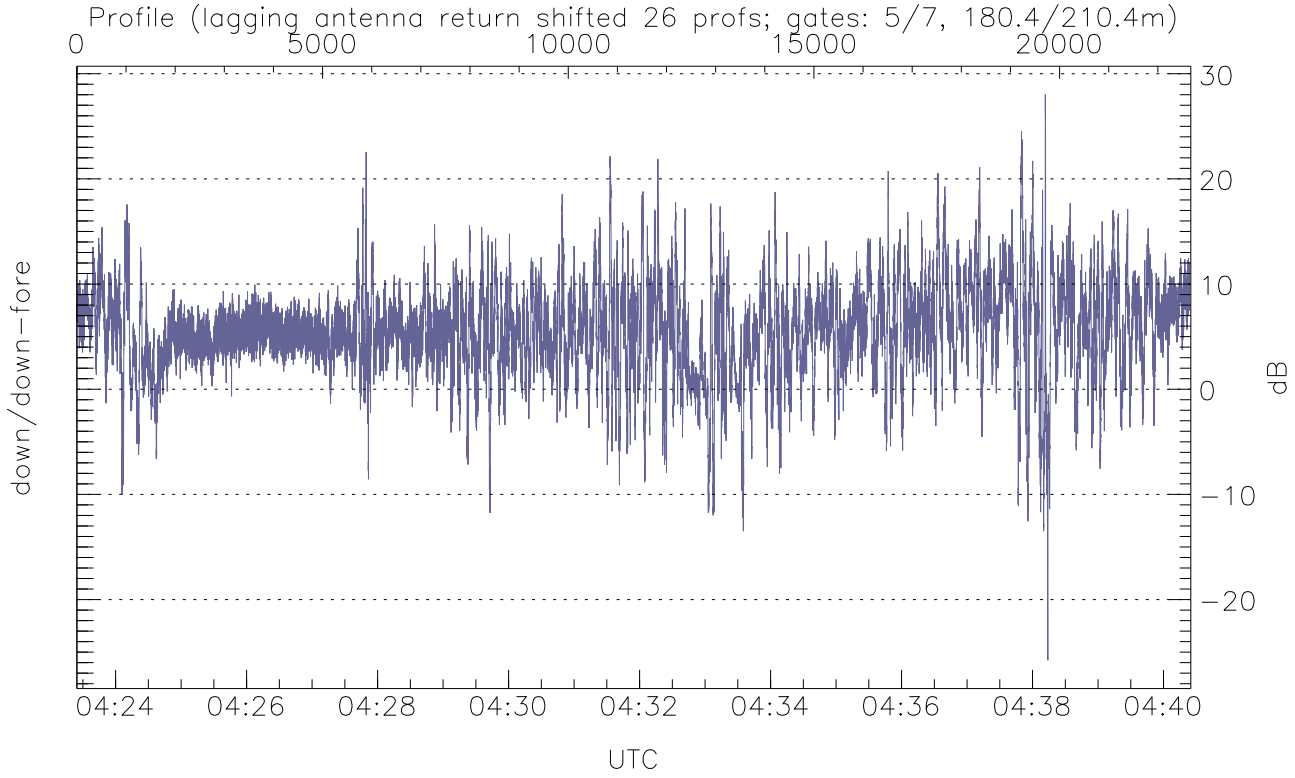
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

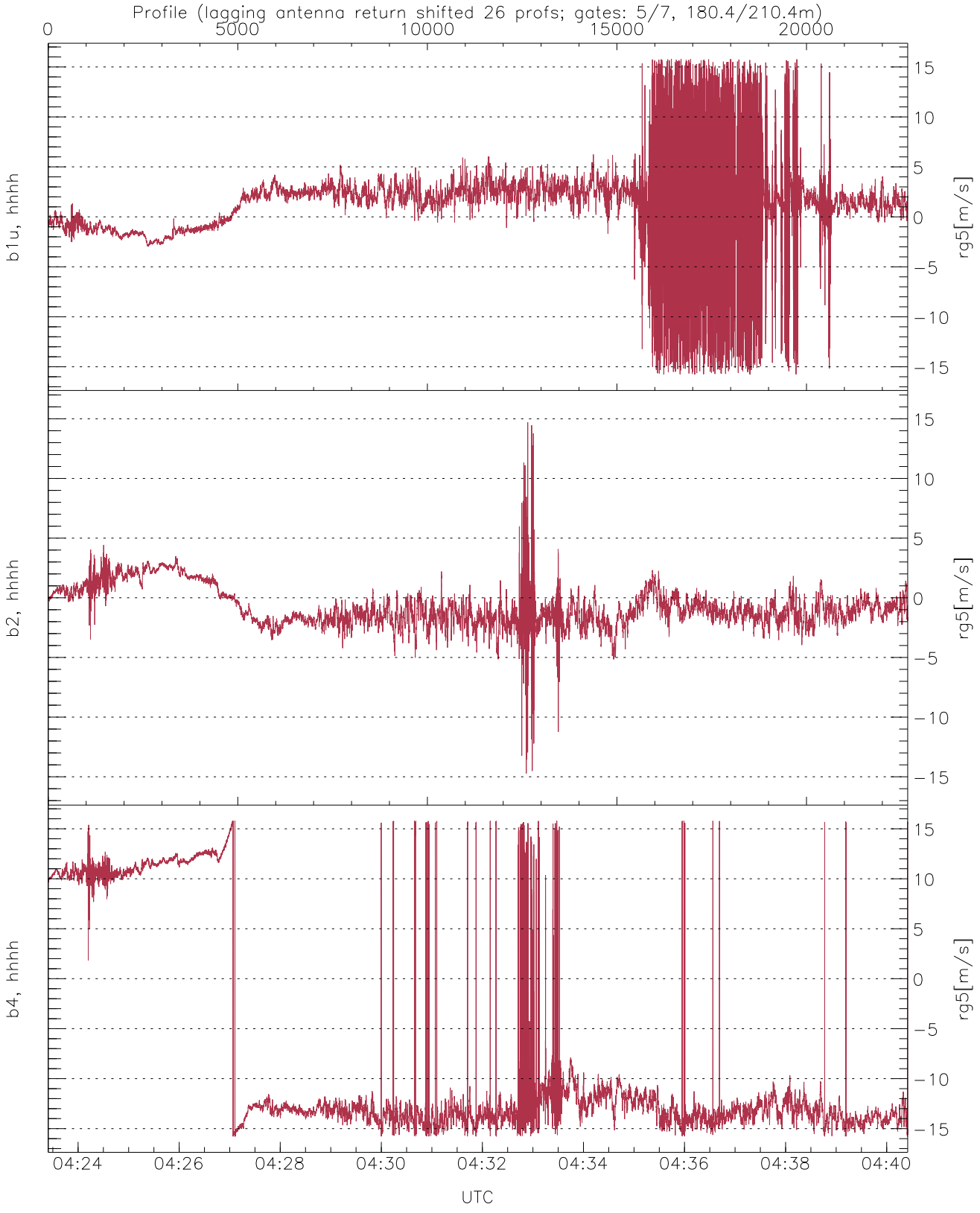
	Min	Max	Mean
up(hh[dBm])	-66.54	-16.69	-29.02
down(hh[dBm])	-65.55	-14.54	-31.98
down-fore(hh[dBm])	-65.56	-19.84	-36.95





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

	Min	Max	Mean
up/down(dB)	-48.45	34.02	-0.08
down/down-fore(dB)	-25.77	28.02	5.56



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	1.15	3.66
b2, hhhh(rg5[m/s])	-14.71	14.71	-0.77	1.63
b4, hhhh(rg5[m/s])	-15.79	15.79	-7.63	10.37