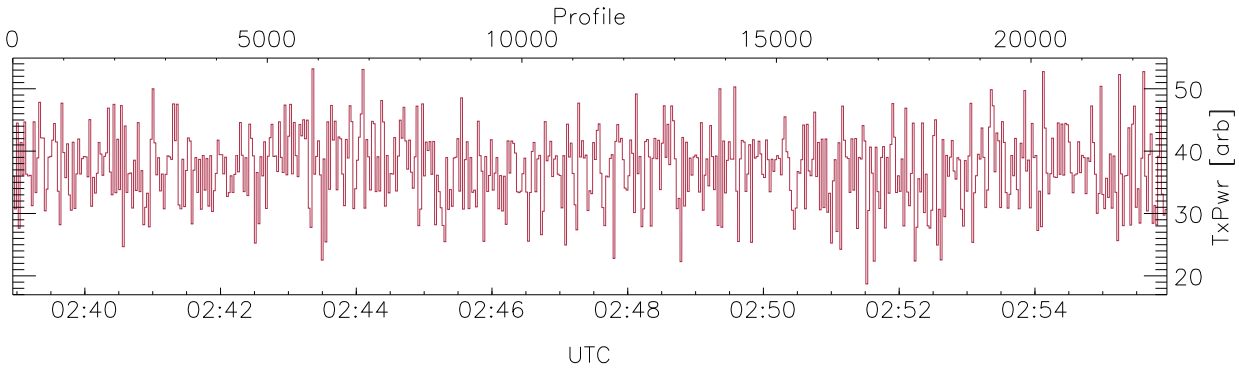
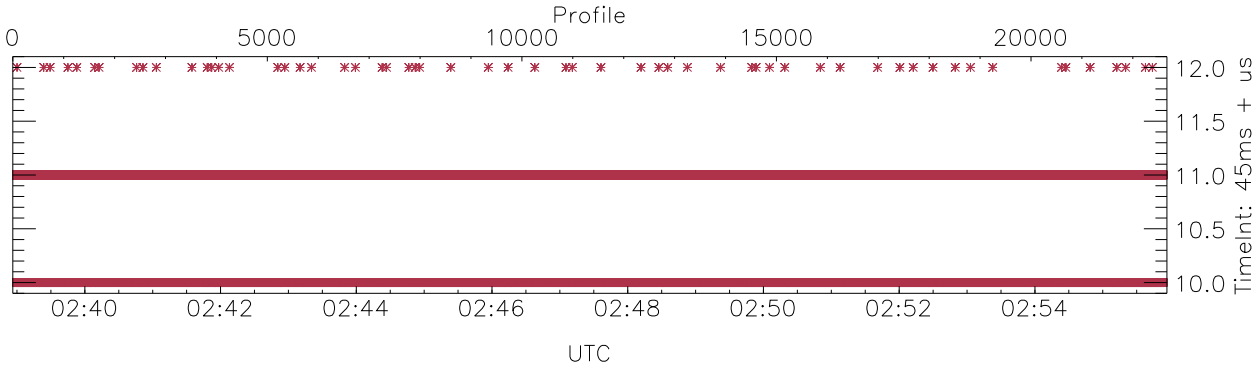
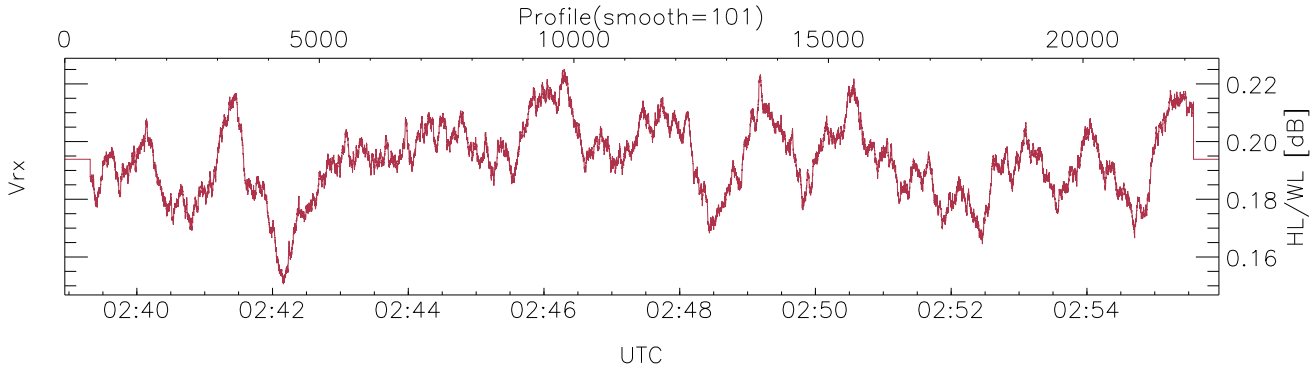
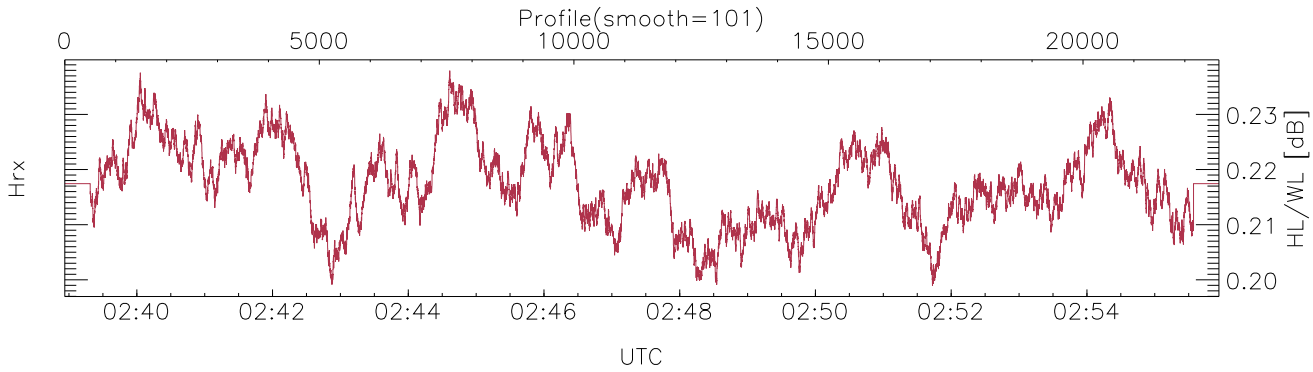


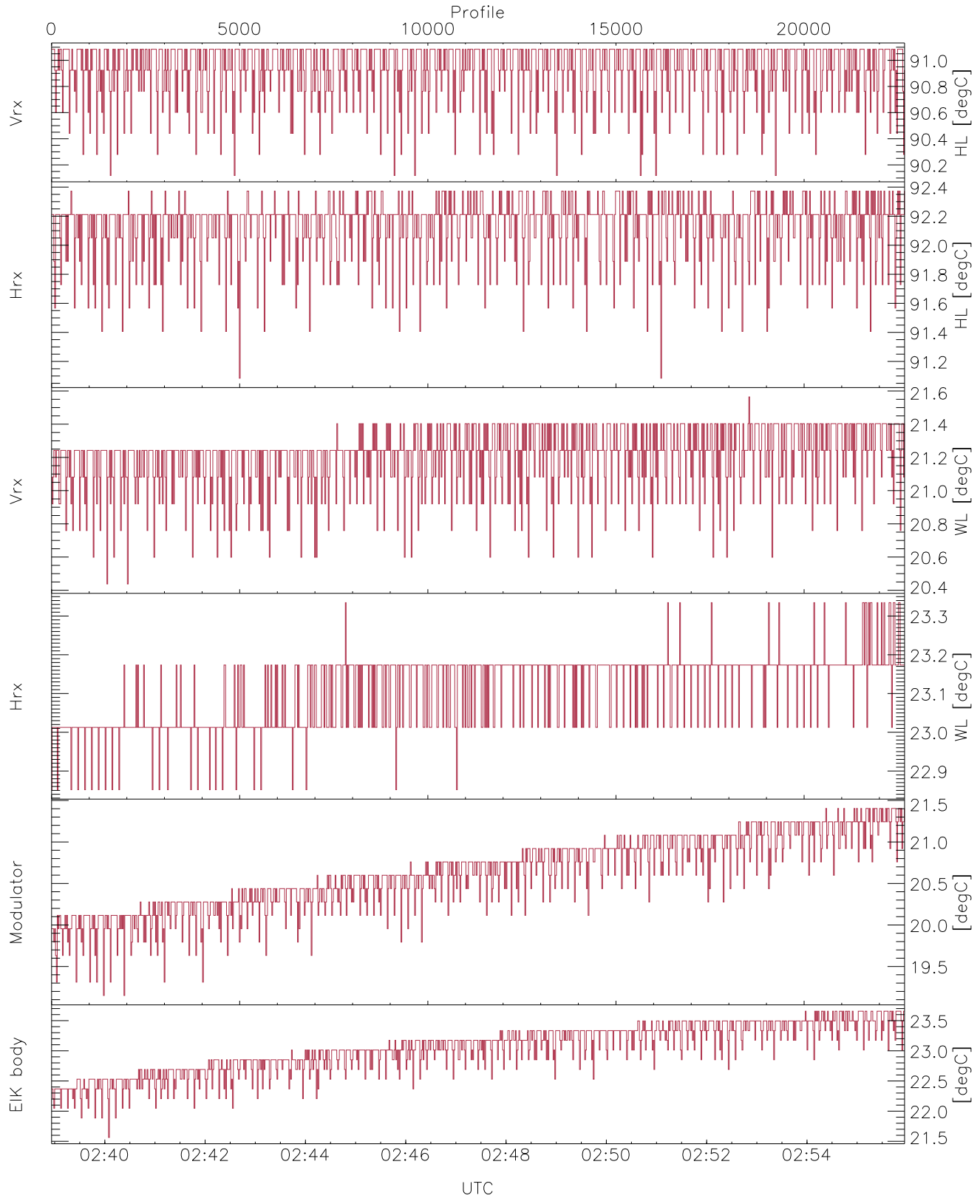






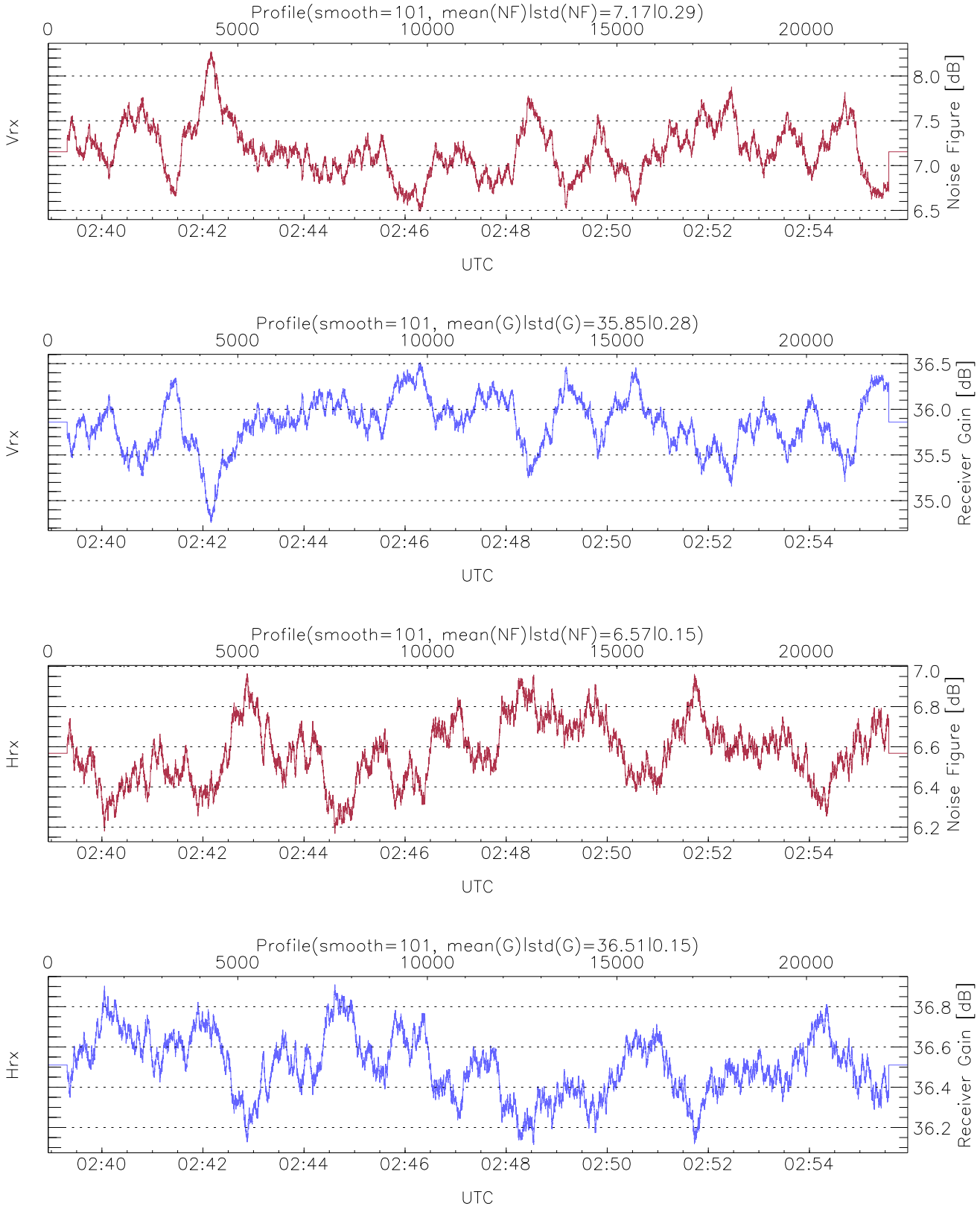
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 02:38:56-02:55:57, 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, 0-22671/02:38:56-02:55:57
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



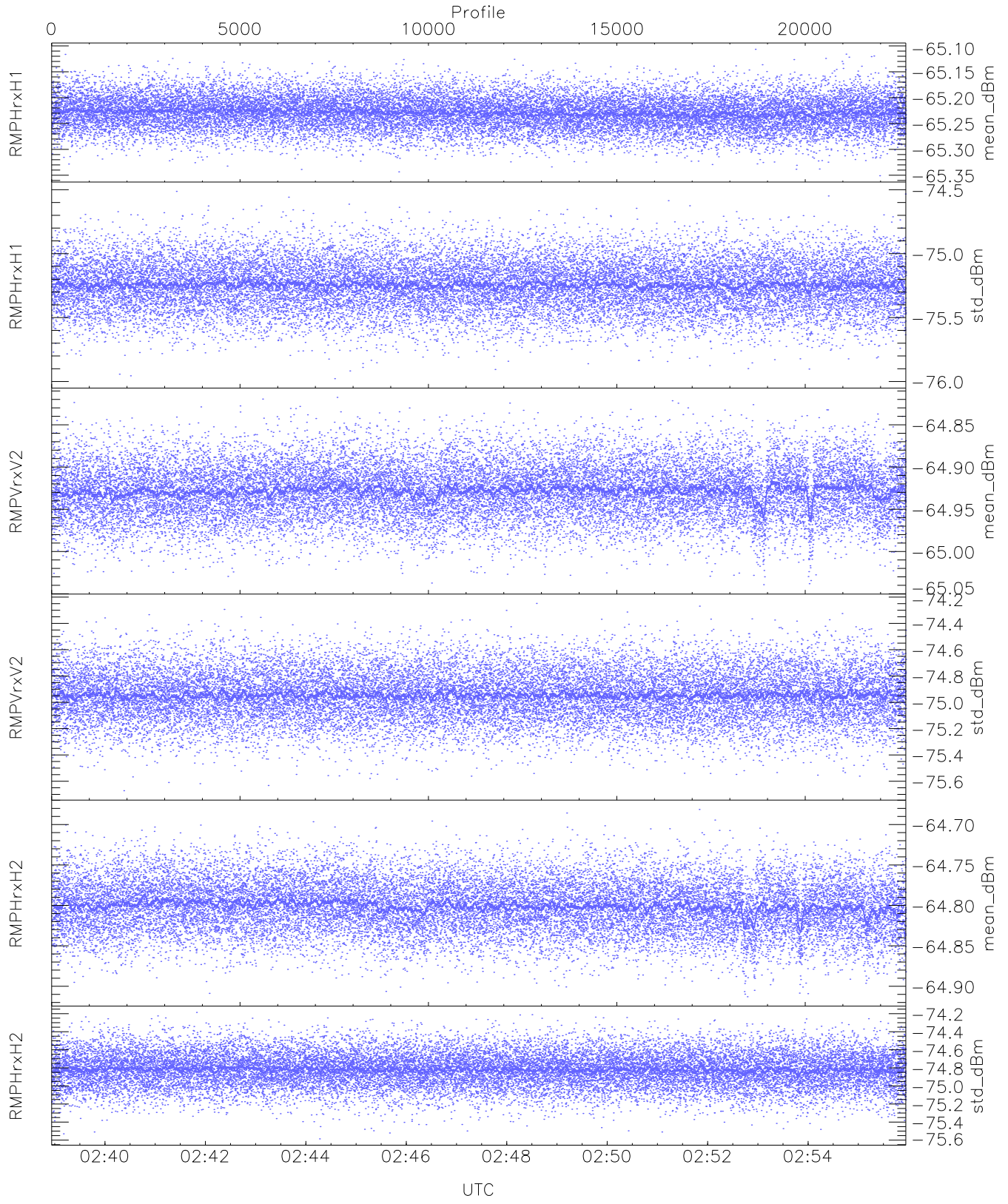
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,20,22,19,21
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,21,23,21,23
LOalarm(20,240,2817,14861 MHz): 0,0,48,0
EIK Faults(# prof affected):
BodyCurr,DeckF (22,22)



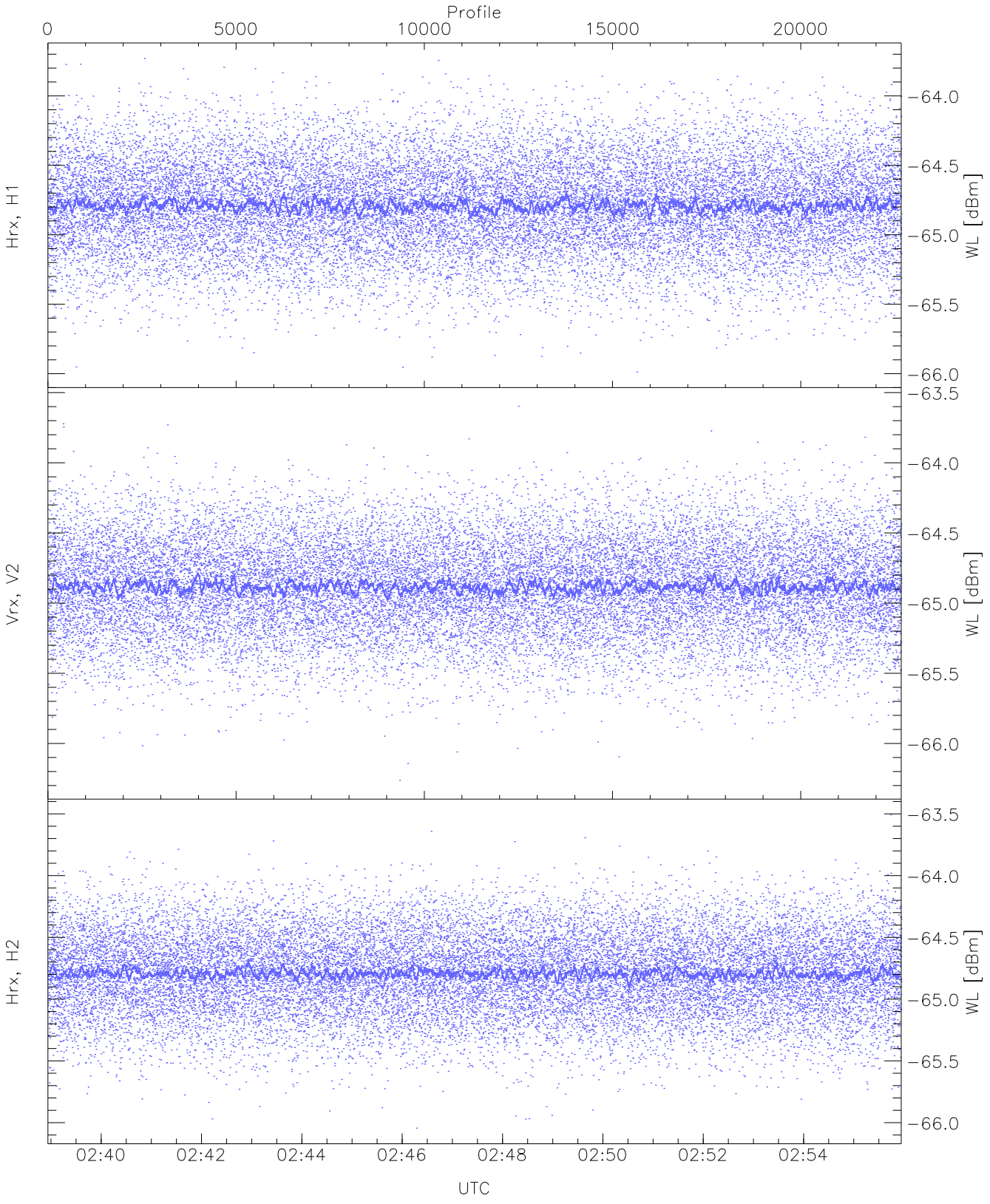
WCR3 CPP Receivers Gain and Noise Figure

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



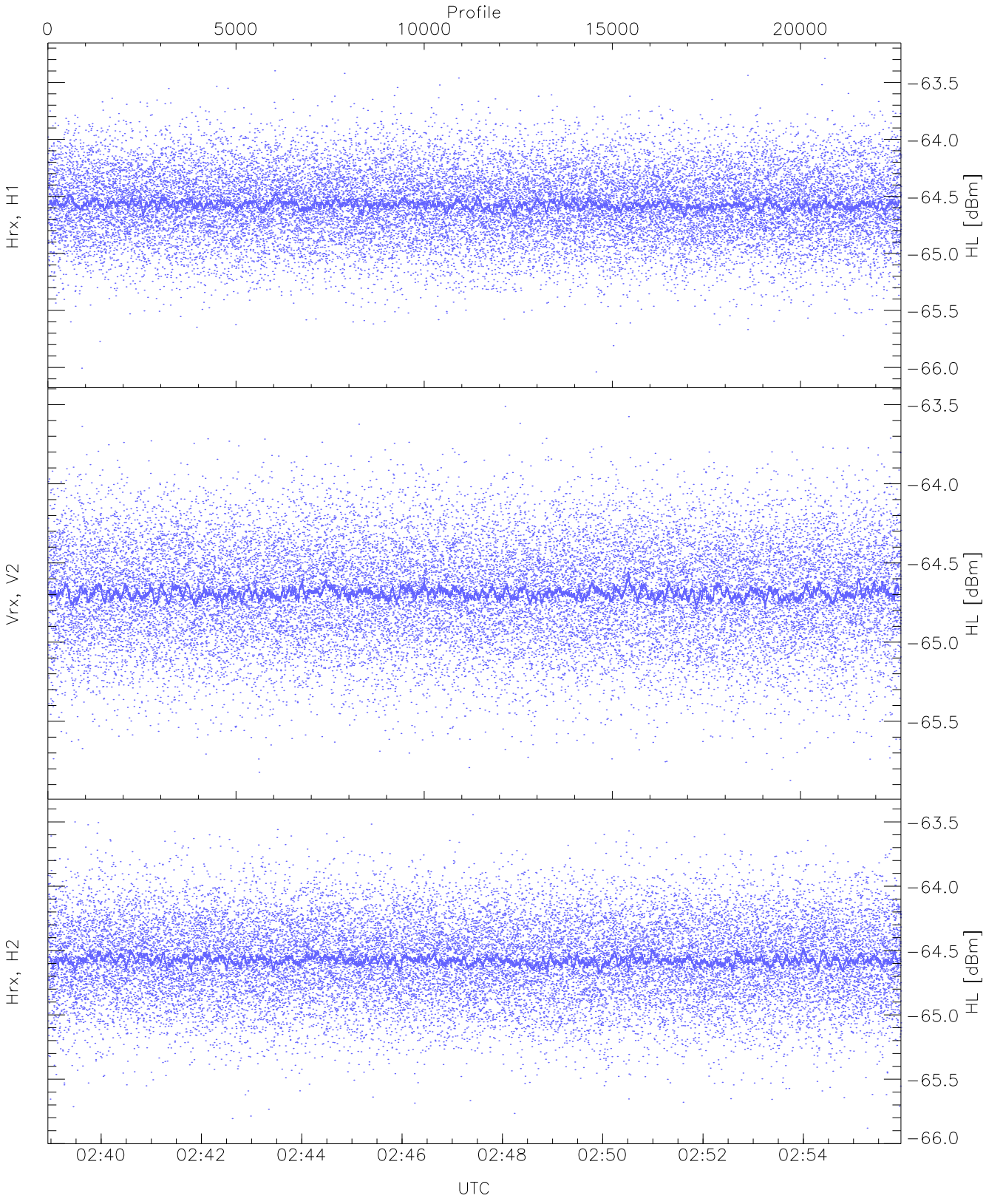
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.35	-65.11	-65.23	-65.23	-86.81
RMPHrxH1(std_dBm)	-75.98	-74.51	-75.24	-75.24	-89.02
RMPVrxV2(mean_dBm)	-65.04	-64.82	-64.93	-64.93	-86.50
RMPVrxV2(std_dBm)	-75.67	-74.25	-74.94	-74.95	-88.74
RMPHrxH2(mean_dBm)	-64.91	-64.68	-64.80	-64.80	-86.34
RMPHrxH2(std_dBm)	-75.59	-74.19	-74.82	-74.82	-88.62



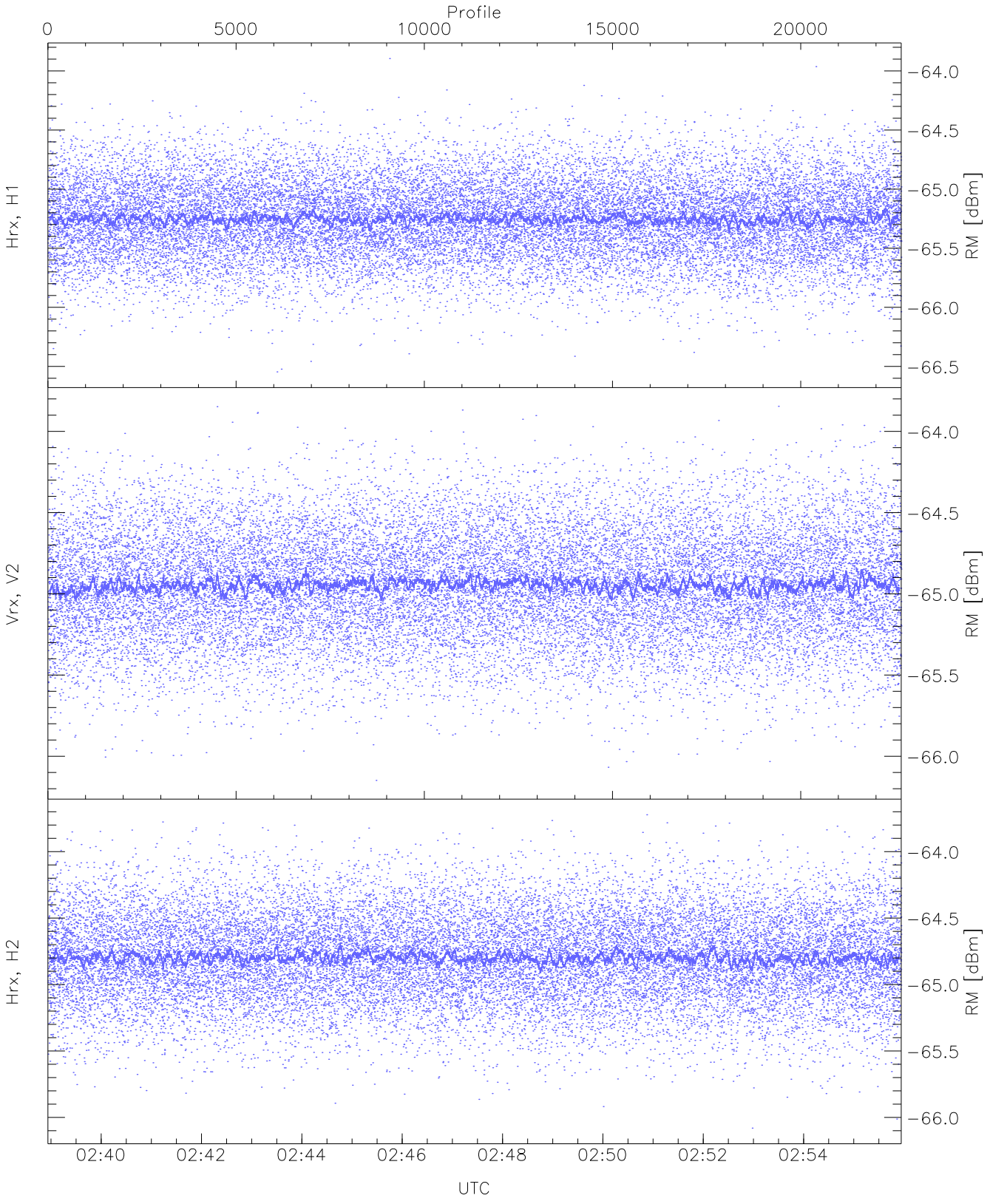
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-65.99	-63.73	-64.78	-64.79	-76.29
Vrx, V2(WL [dBm])	-66.26	-63.60	-64.88	-64.88	-76.36
Hrx, H2(WL [dBm])	-66.04	-63.51	-64.79	-64.79	-76.31



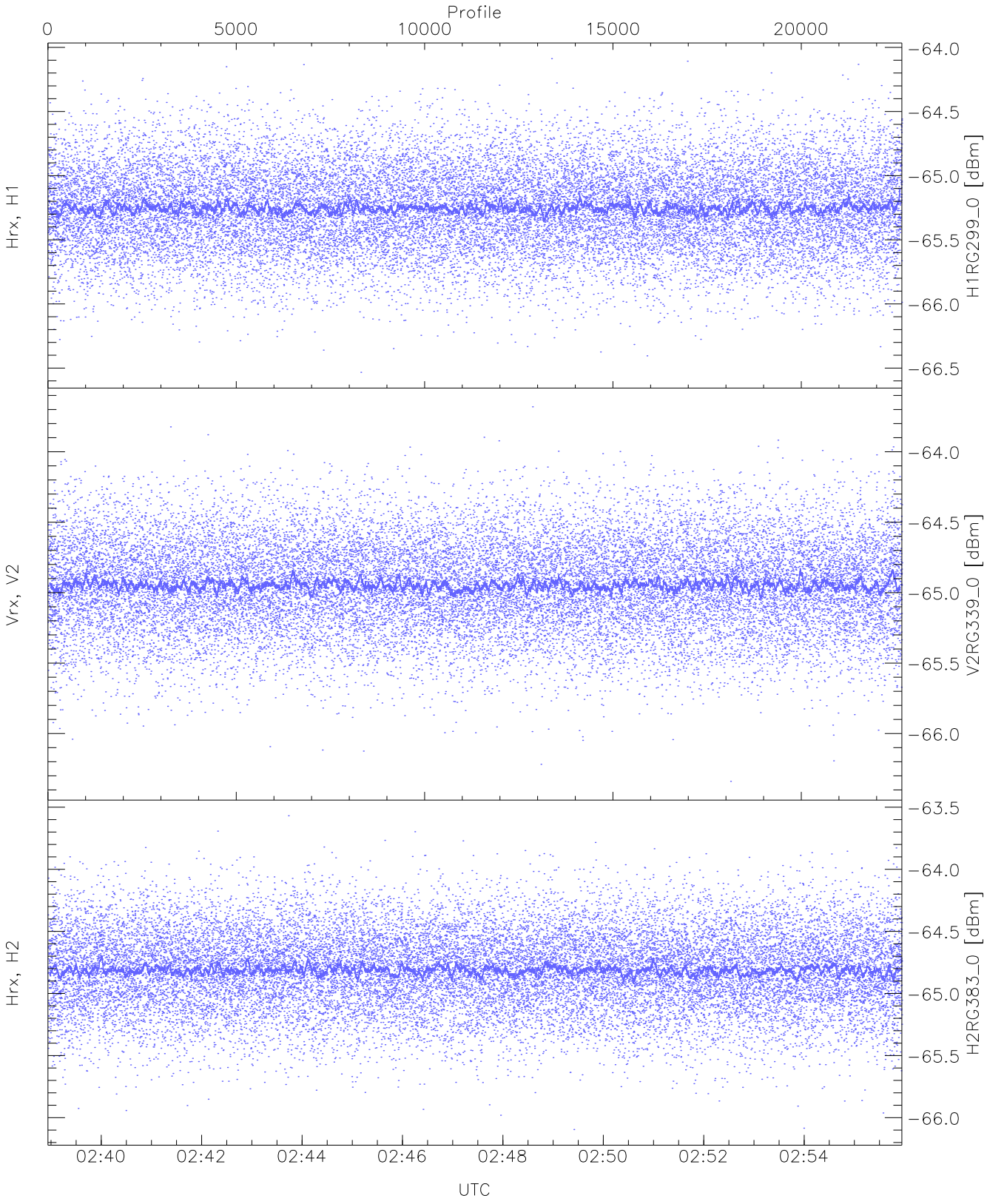
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-66.04	-63.29	-64.56	-64.57	-76.10
Vrx, V2(HL [dBm])	-65.87	-63.51	-64.68	-64.69	-76.18
Hrx, H2(HL [dBm])	-65.88	-63.44	-64.57	-64.57	-76.06



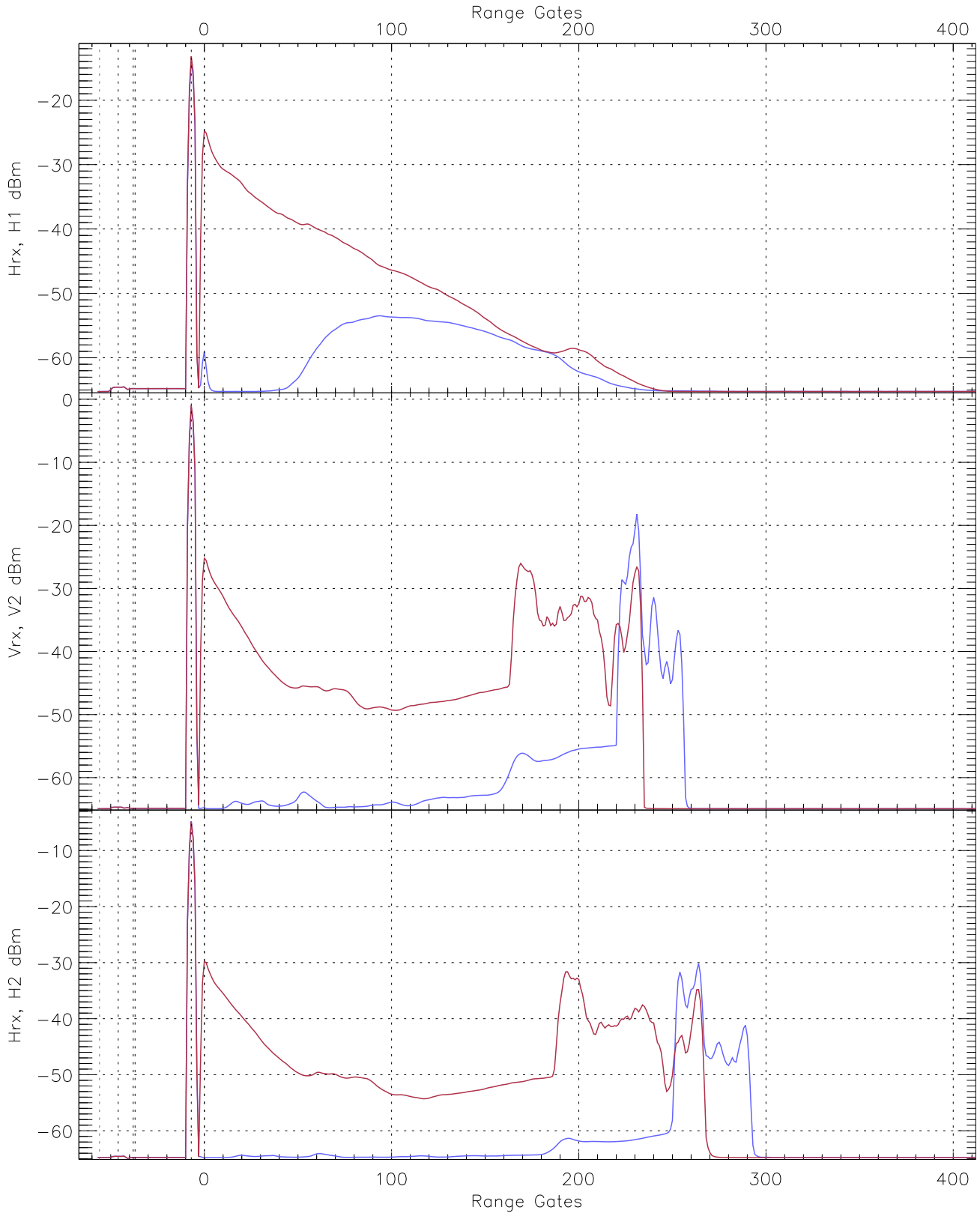
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.55	-63.90	-65.25	-65.25	-76.75
Vrx, V2(RM [dBm])	-66.15	-63.85	-64.94	-64.95	-76.42
Hrx, H2(RM [dBm])	-66.08	-63.72	-64.79	-64.80	-76.28

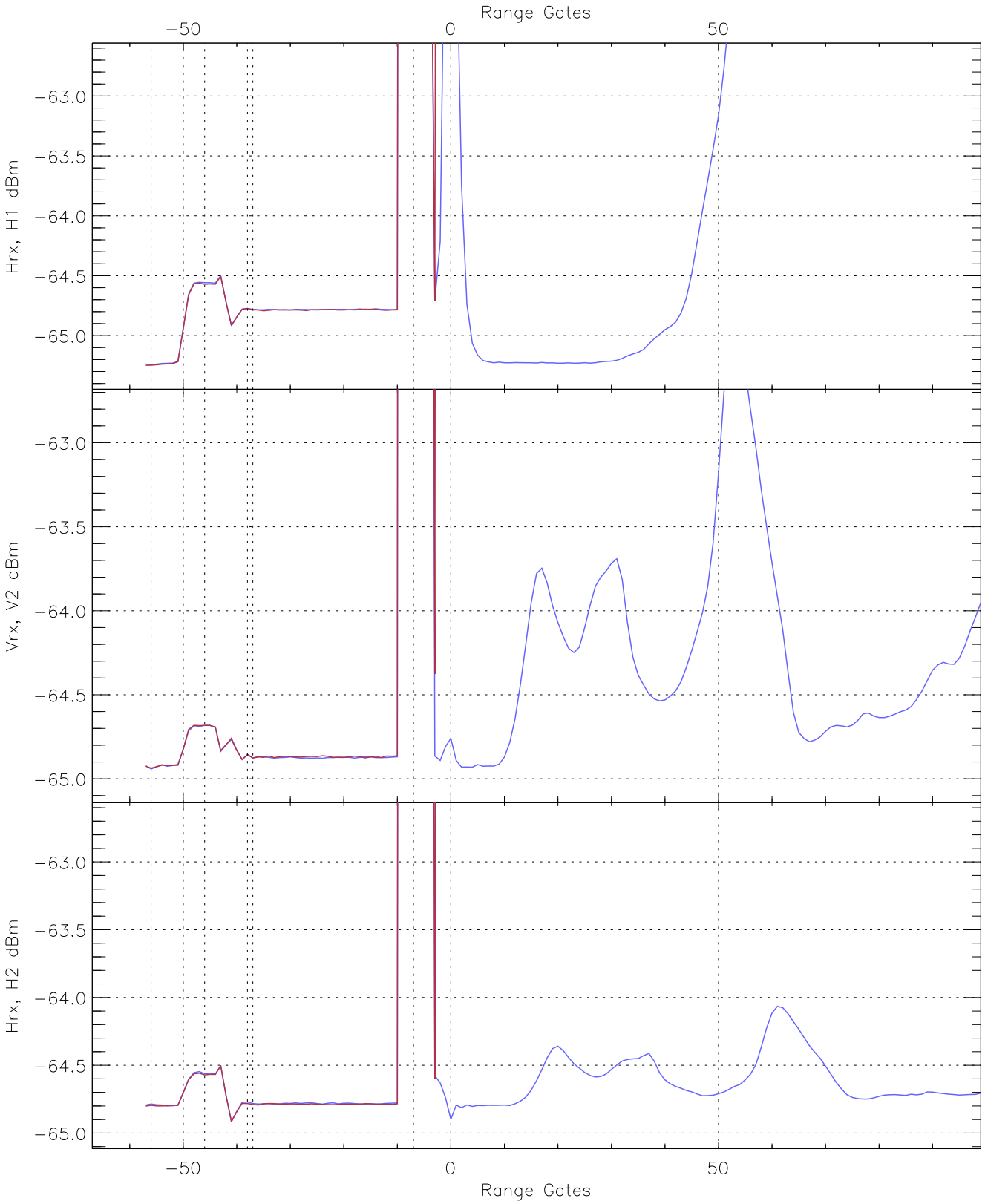


WCR3 CPP "Best" estimate Receivers Noise Power

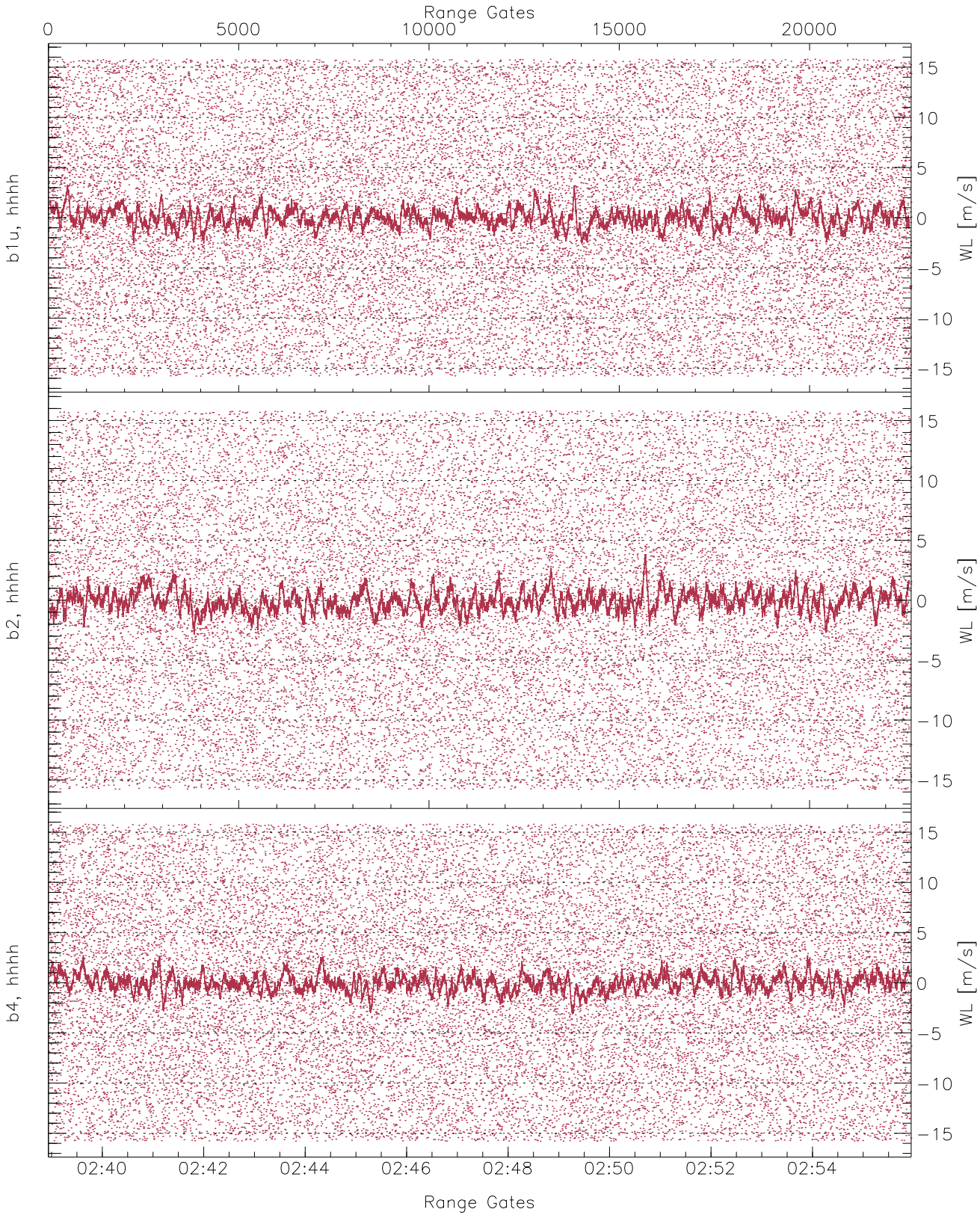
	Min	Max	Mean	Median	StDev
H1RG299_0 [dBm]	-66.53	-64.09	-65.25	-65.25	-76.70
V2RG339_0 [dBm]	-66.34	-63.68	-64.94	-64.95	-76.45
H2RG383_0 [dBm]	-66.10	-63.57	-64.81	-64.81	-76.33



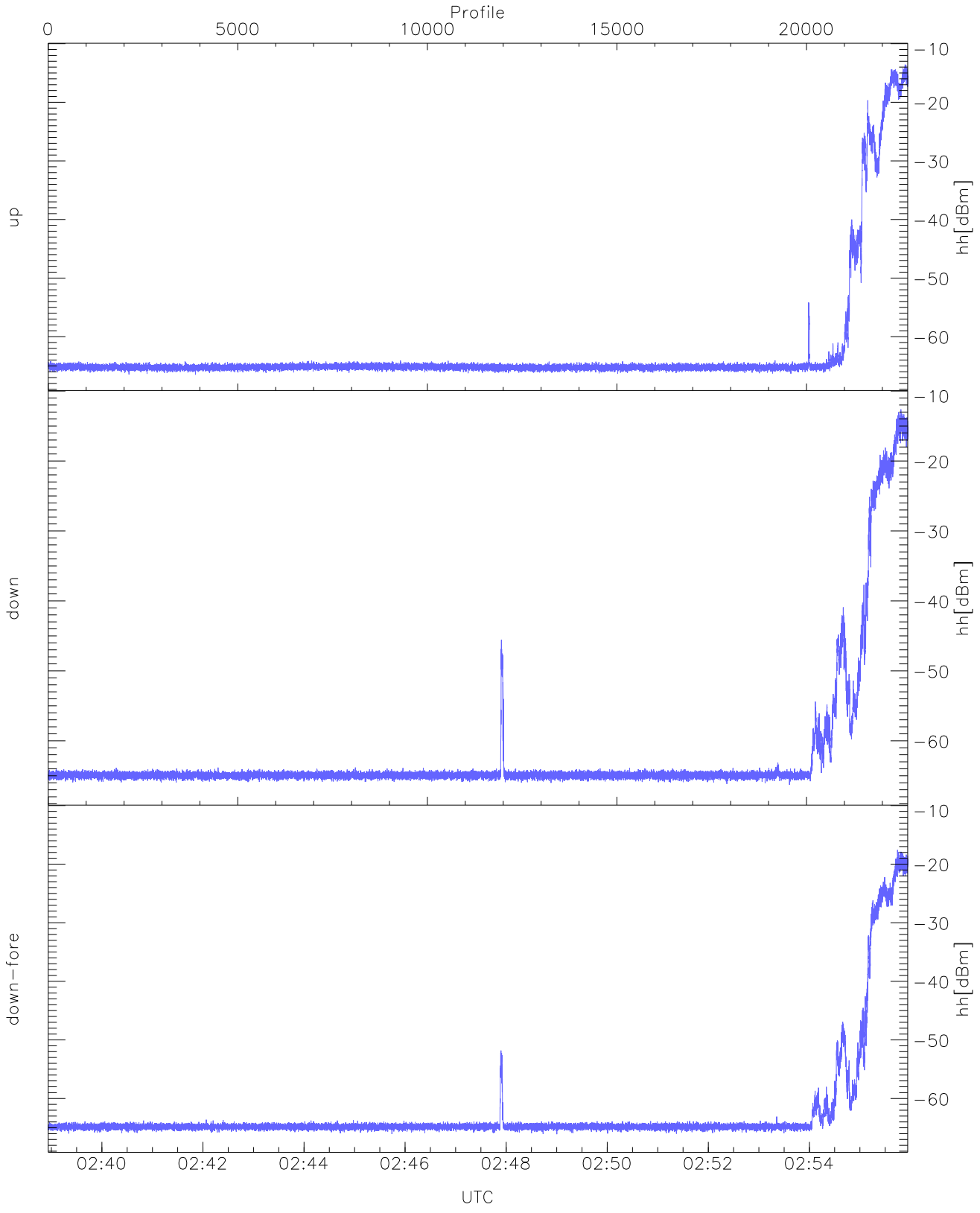
WCR3 CPP Averaged Received power for all recorded gates
blue: 023856-024727, 11337 profiles averaged
red: 024727-025557, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 023856-024727, 11337 profiles averaged
red: 024727-025557, 11336 profiles averaged

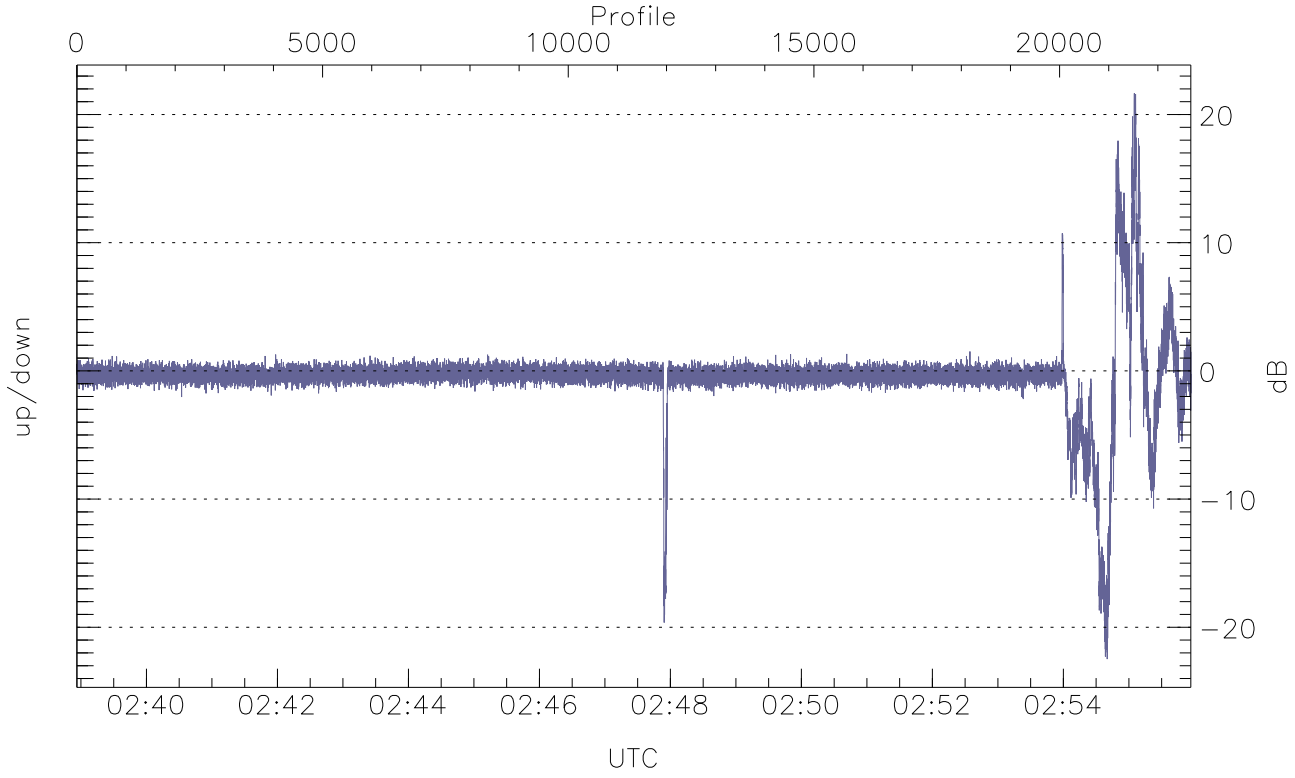


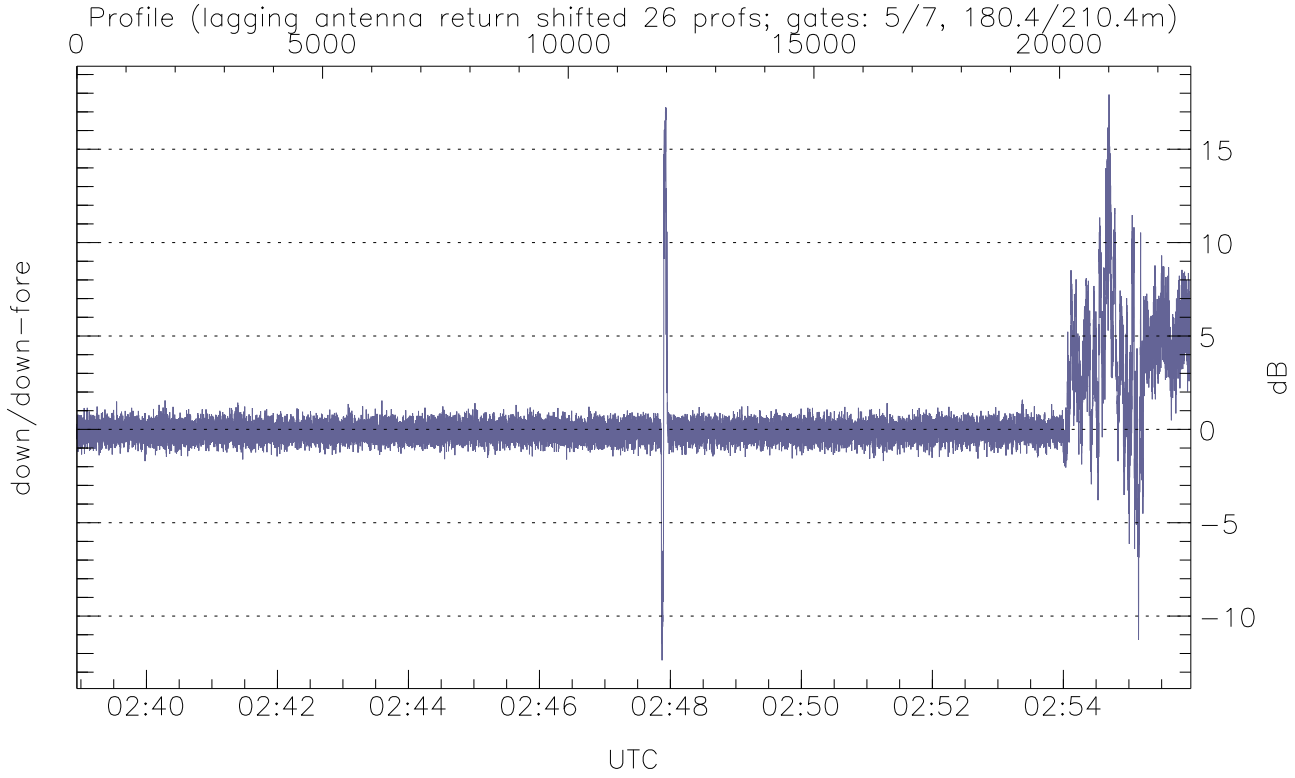
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

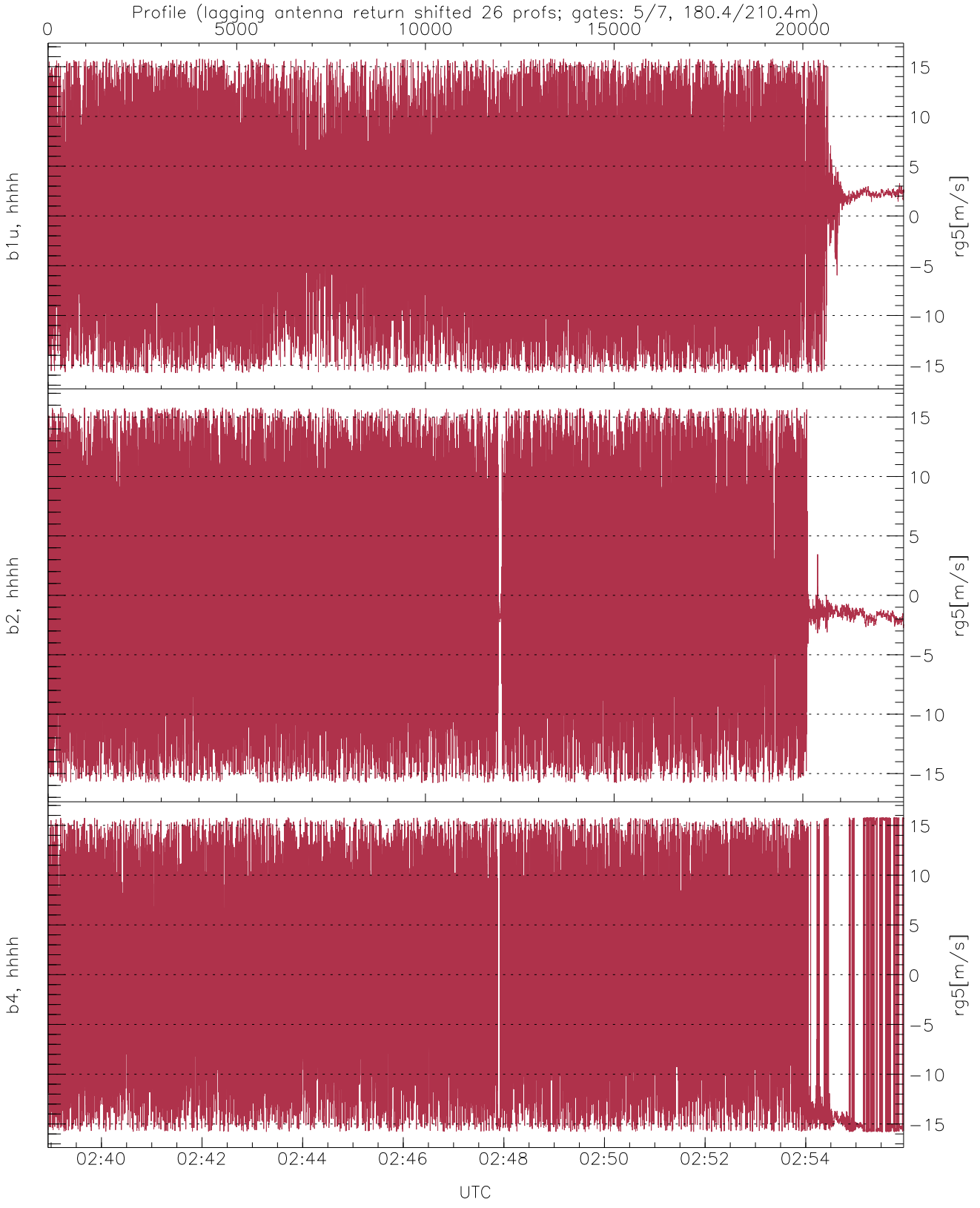
	Min	Max	Mean
up(hh[dBm])	-66.49	-13.56	-31.65
down(hh[dBm])	-66.29	-12.61	-31.88
down-fore(hh[dBm])	-66.09	-17.58	-36.35





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

	Min	Max	Mean
up/down(dB)	-22.48	21.65	-0.44
down/down-fore(dB)	-12.36	17.93	0.37



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.79	15.79	0.19	7.81
b2, hhhh(rg5[m/s])	-15.78	15.79	-0.20	8.15
b4, hhhh(rg5[m/s])	-15.79	15.79	-1.06	9.48