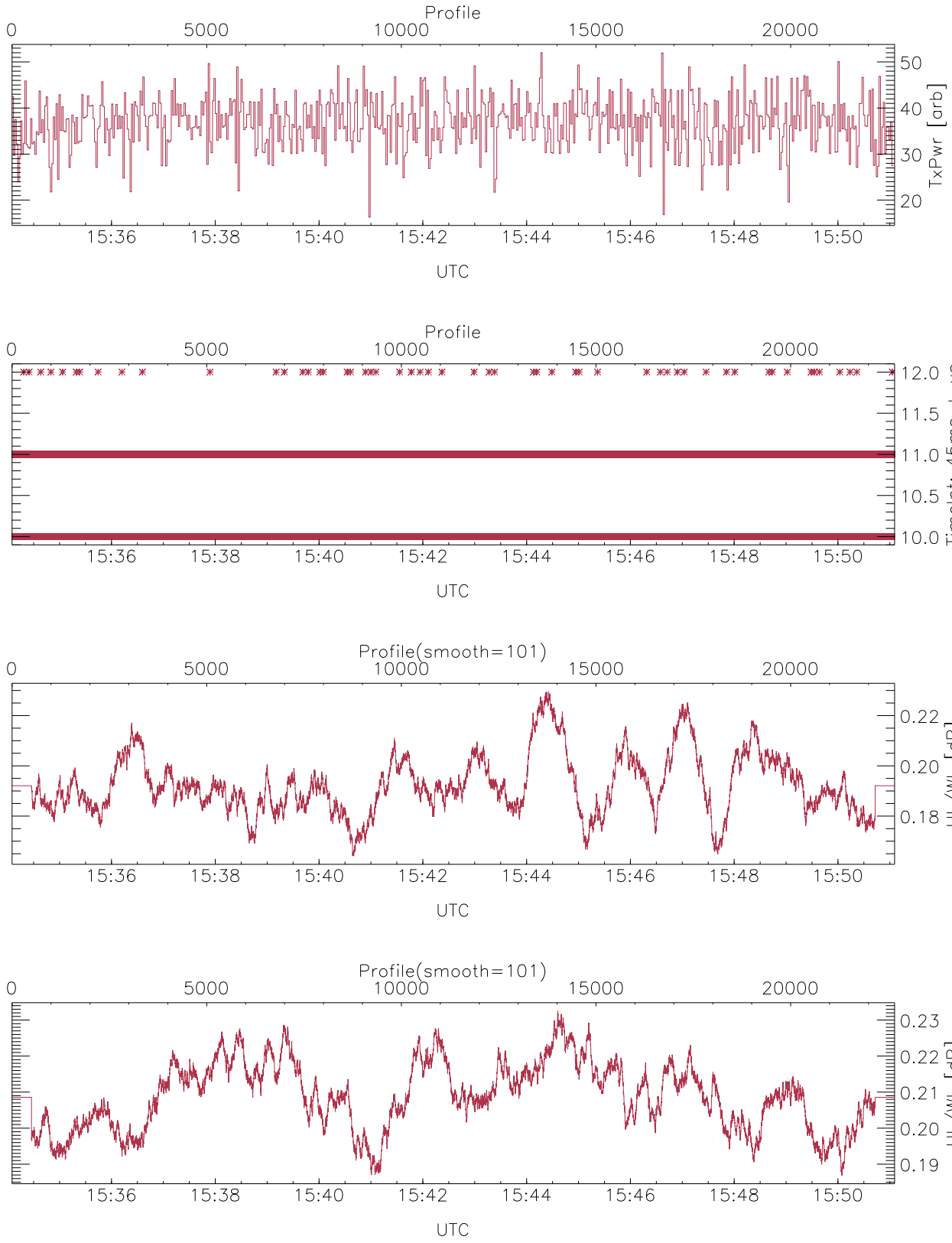
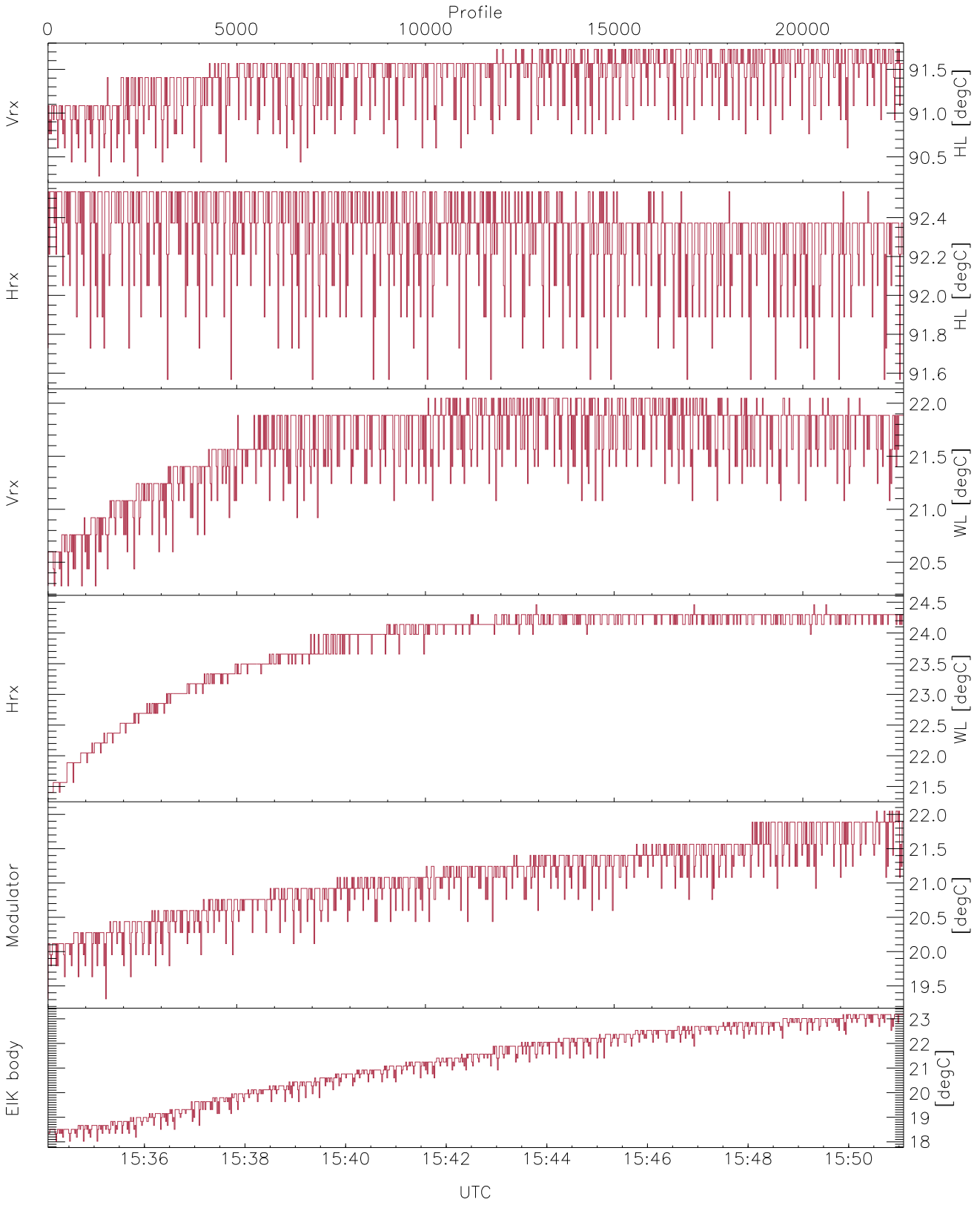


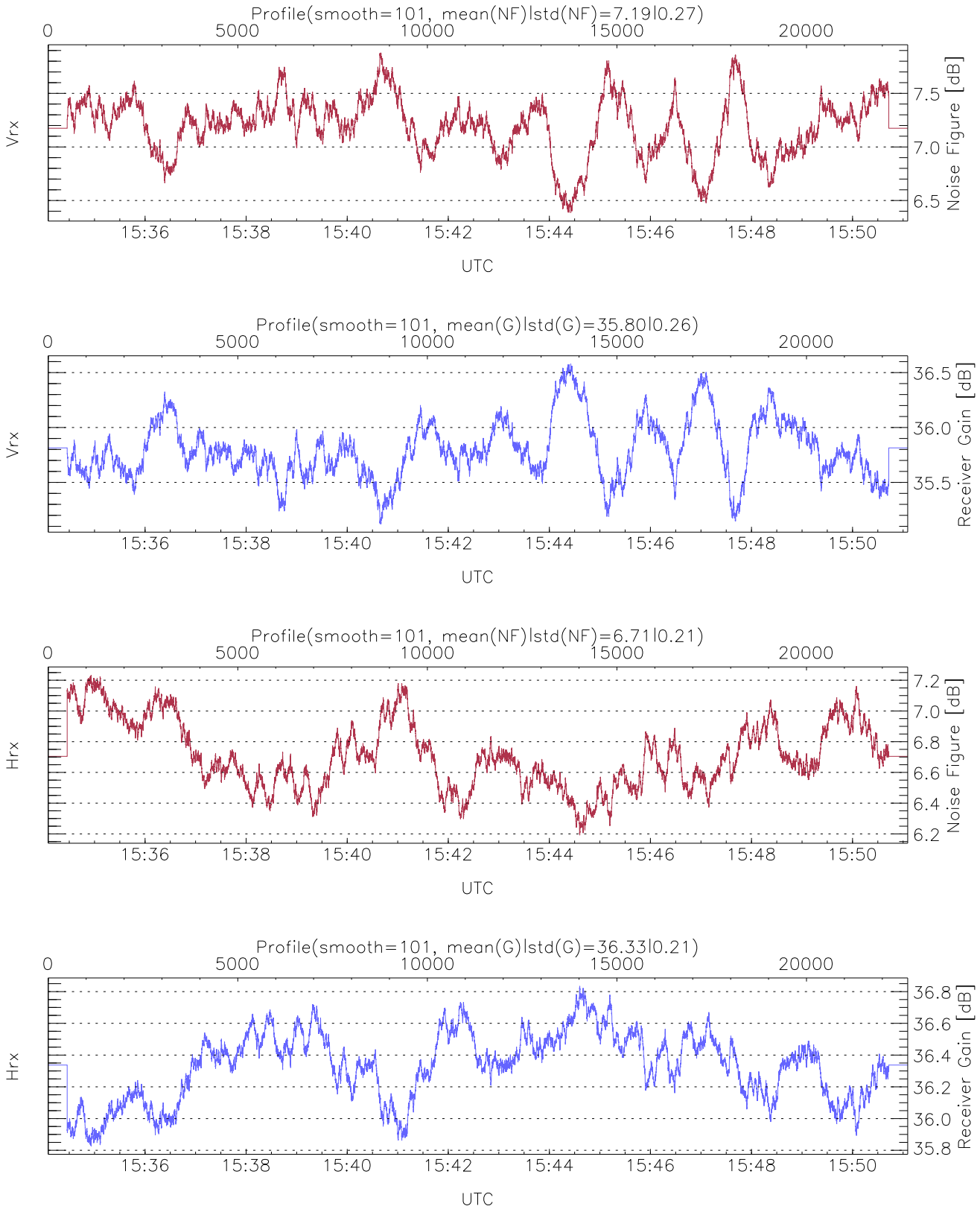
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 15:34:05-15:51:06, TimeCor: 0.00s, Dur: 1020.45s
TimeFlg: 2, 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, 0-22671/15:34:05-15:51:06
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|sideluperror): 1



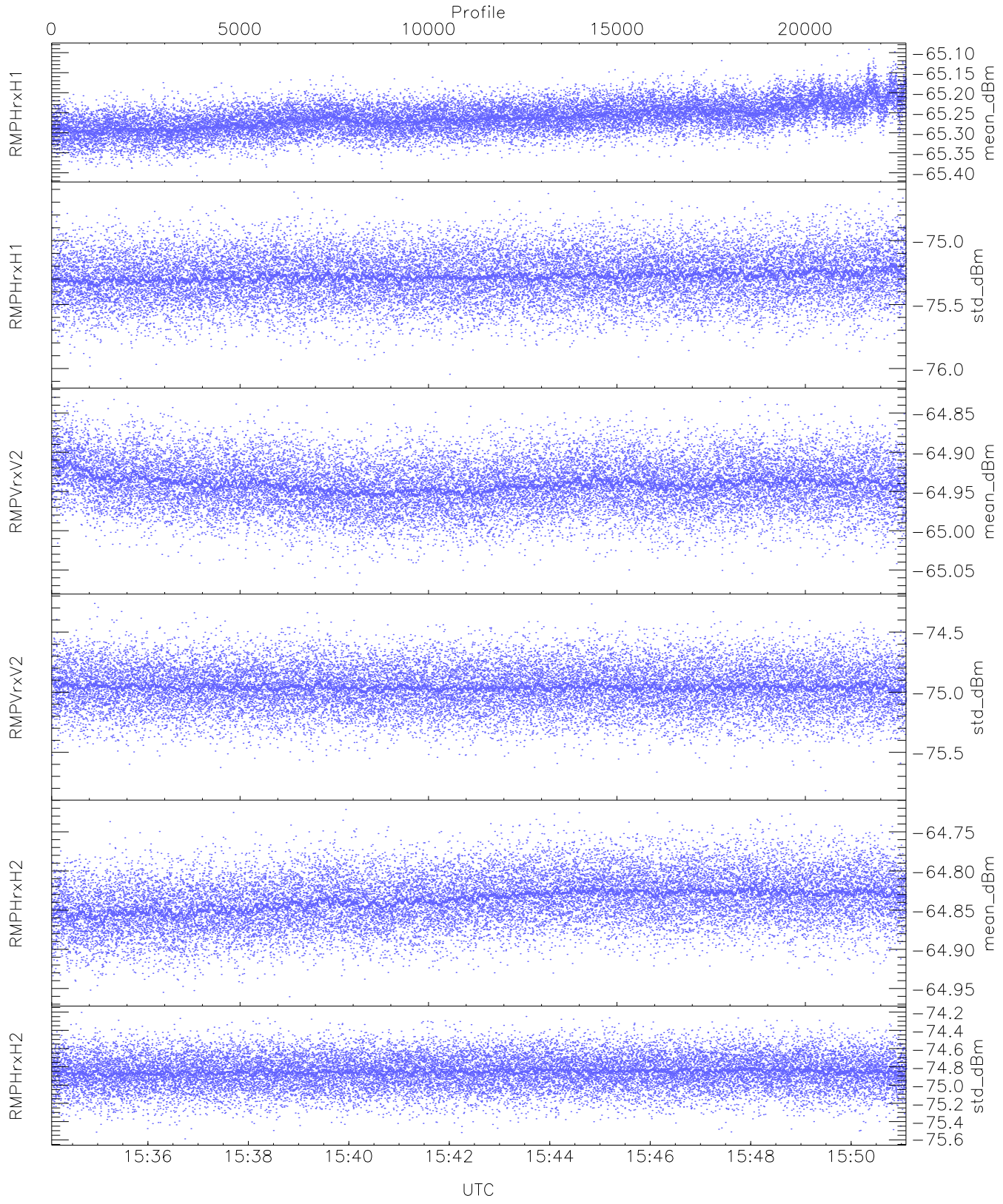
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,20,21,19,18
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,22,24,22,23
LOalarm(20,240,2817,14861 MHz): 0,0,68,0
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (22,22,22,22,22,22)



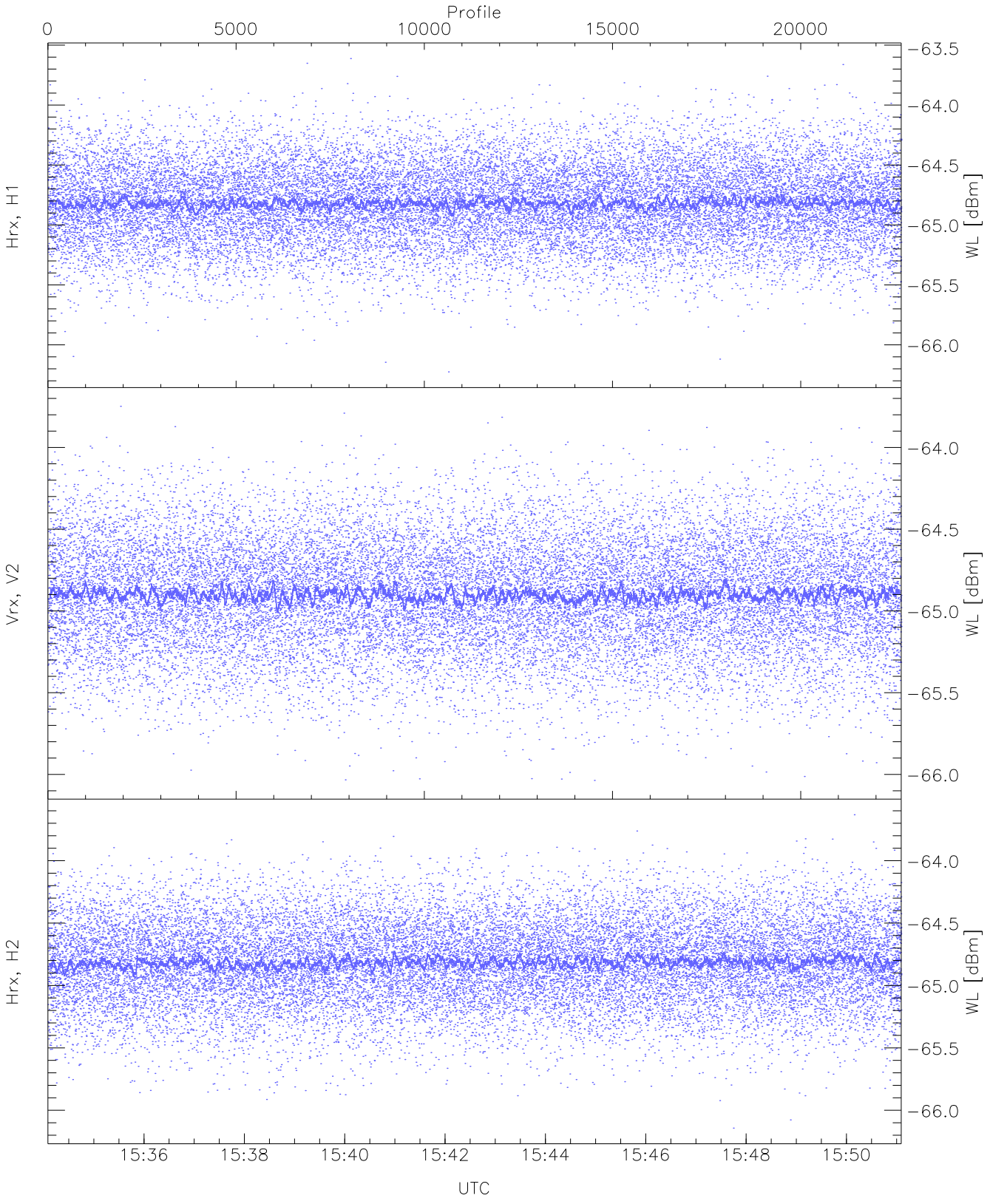
WCR3 CPP Receivers Gain and Noise Figure

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



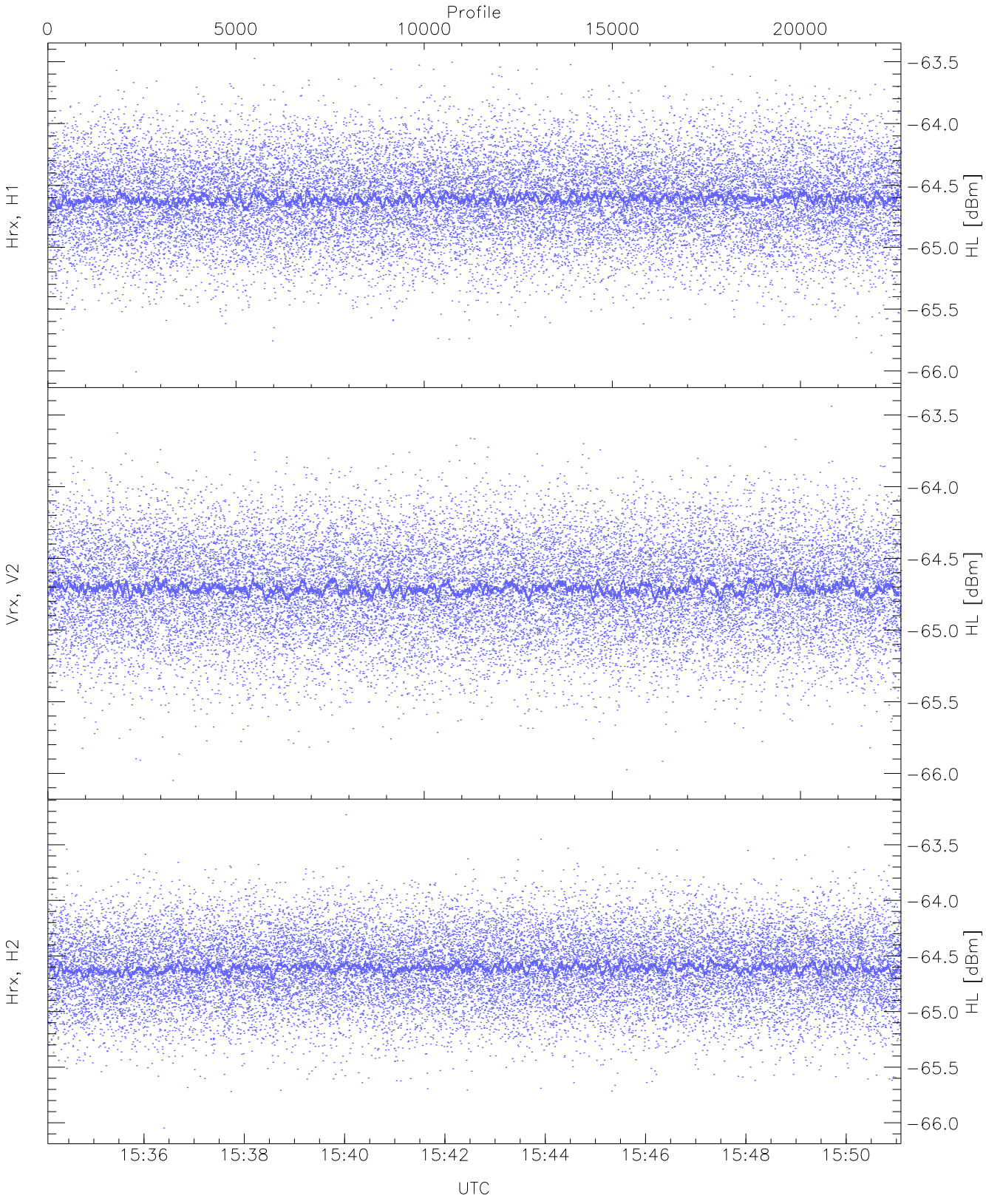
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.41	-65.09	-65.26	-65.26	-85.80
RMPHrxH1(std_dBm)	-76.08	-74.62	-75.28	-75.28	-89.06
RMPVrxV2(mean_dBm)	-65.07	-64.83	-64.94	-64.94	-86.42
RMPVrxV2(std_dBm)	-75.82	-74.26	-74.96	-74.96	-88.73
RMPHrxH2(mean_dBm)	-64.96	-64.72	-64.84	-64.84	-86.17
RMPHrxH2(std_dBm)	-75.59	-74.20	-74.85	-74.86	-88.65



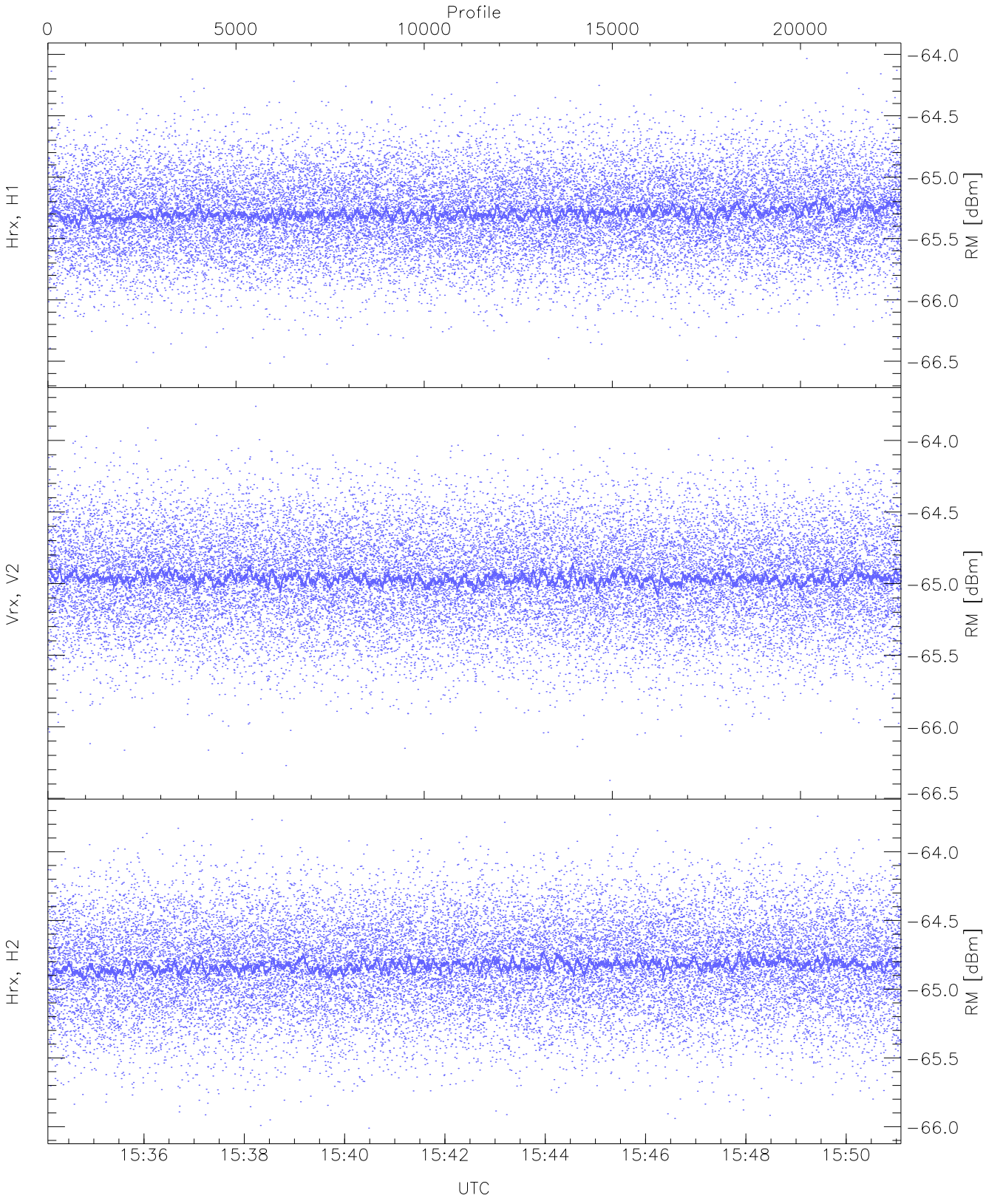
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.23	-63.61	-64.81	-64.82	-76.31
Vrx, V2(WL [dBm])	-66.04	-63.75	-64.89	-64.90	-76.40
Hrx, H2(WL [dBm])	-66.14	-63.63	-64.81	-64.82	-76.28



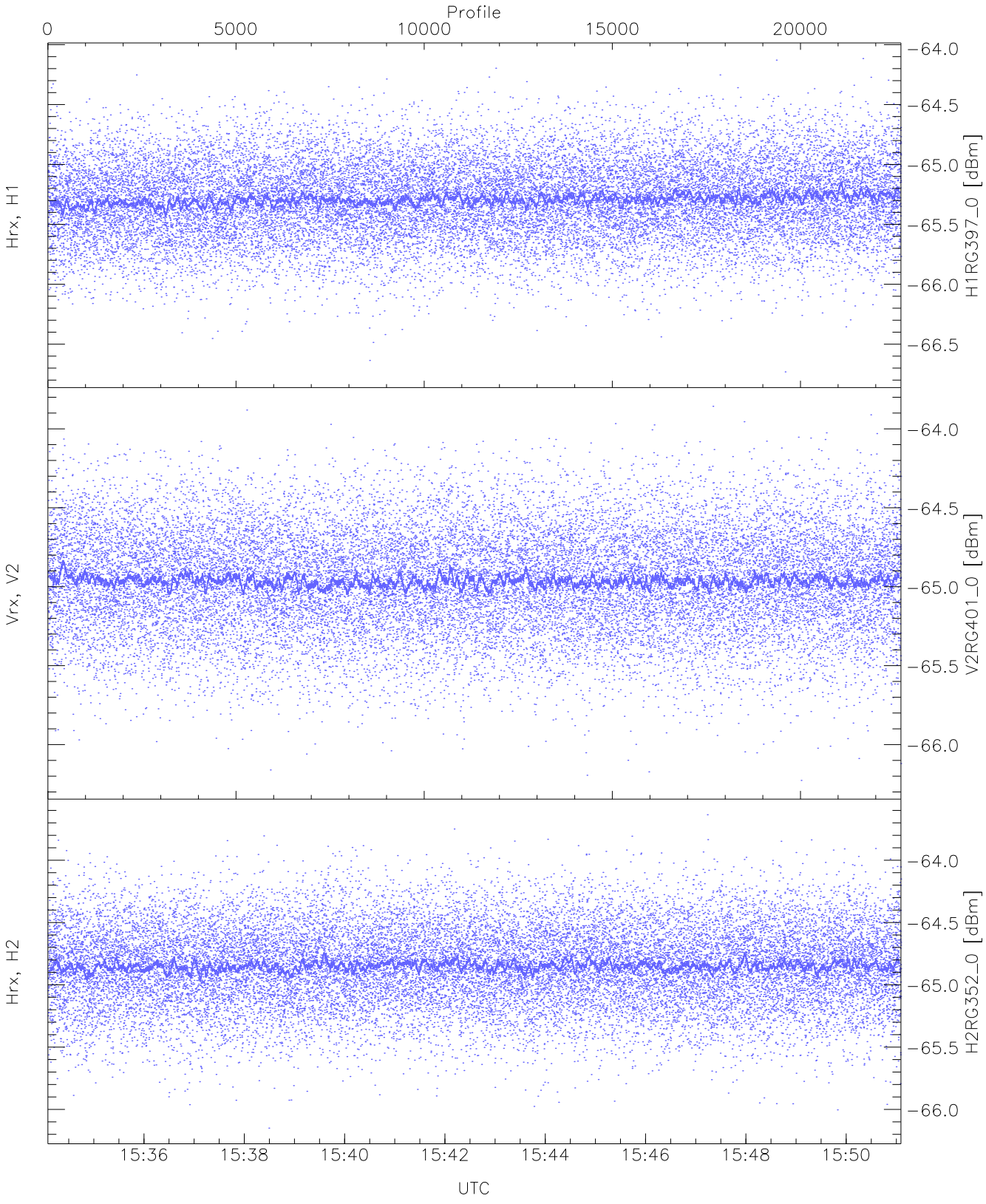
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-66.01	-63.47	-64.60	-64.61	-76.07
Vrx, V2(HL [dBm])	-66.05	-63.44	-64.70	-64.71	-76.21
Hrx, H2(HL [dBm])	-66.05	-63.23	-64.60	-64.61	-76.13



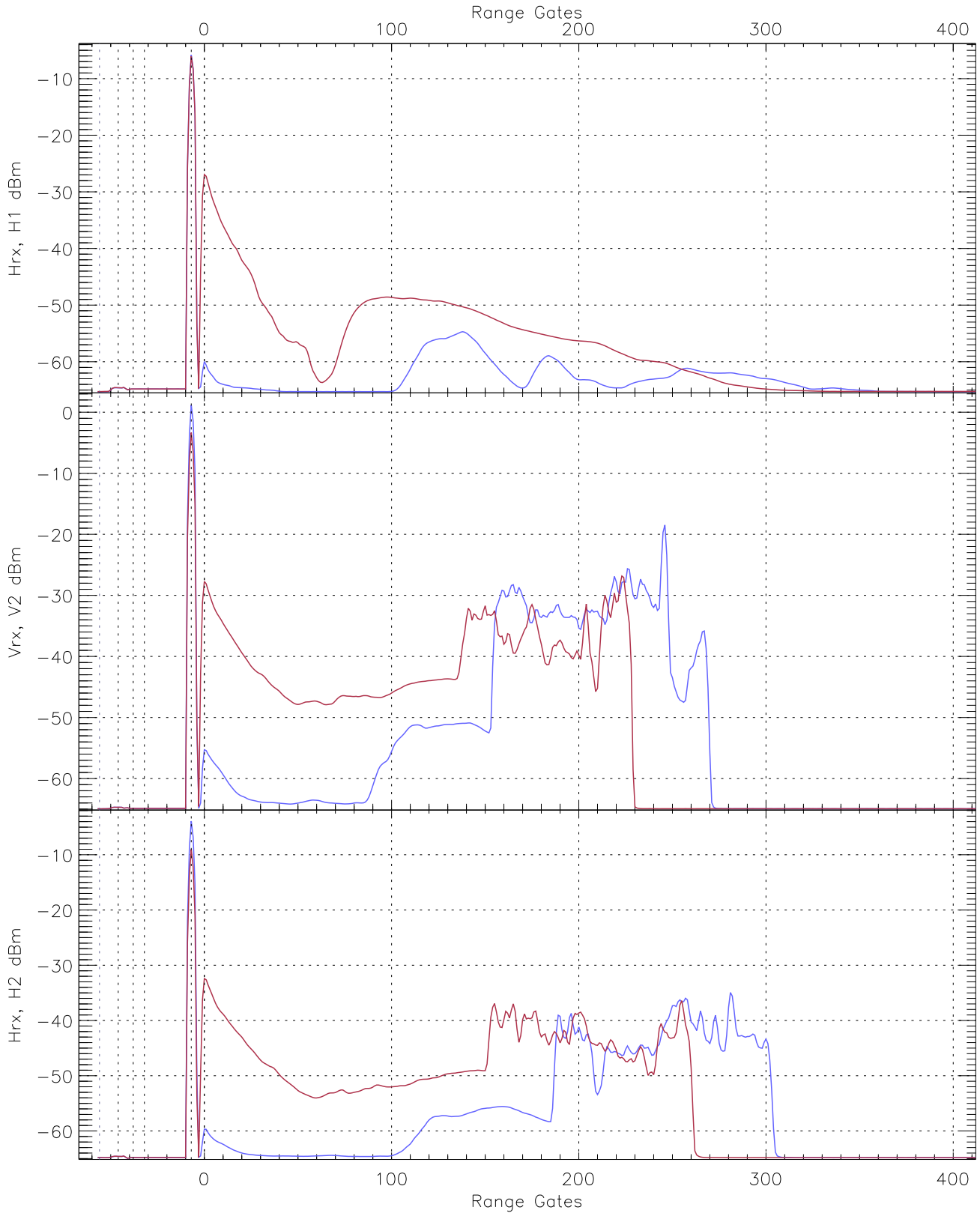
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.59	-64.03	-65.29	-65.30	-76.81
Vrx, V2(RM [dBm])	-66.37	-63.76	-64.96	-64.96	-76.45
Hrx, H2(RM [dBm])	-66.01	-63.73	-64.82	-64.83	-76.32

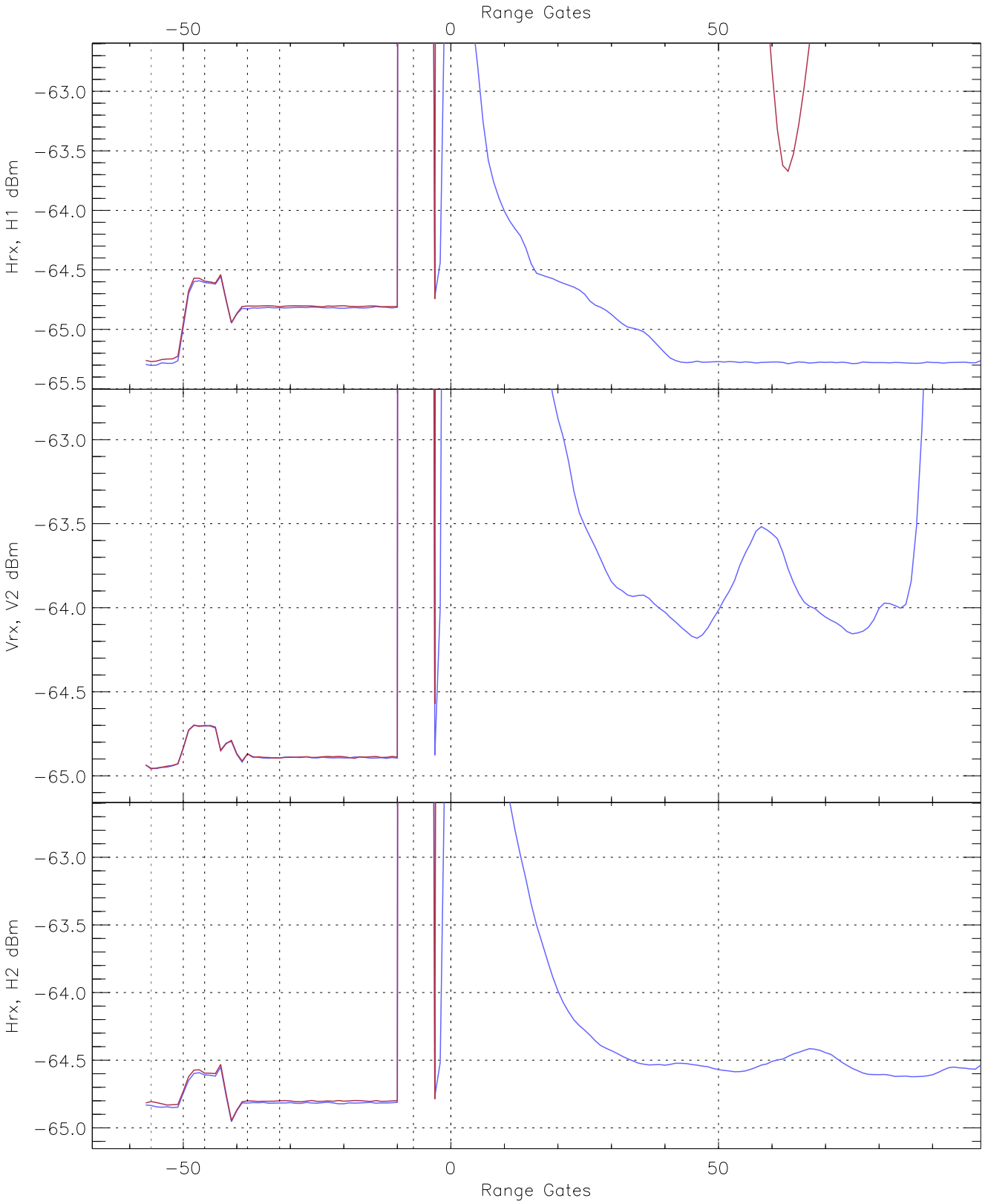


WCR3 CPP "Best" estimate Receivers Noise Power

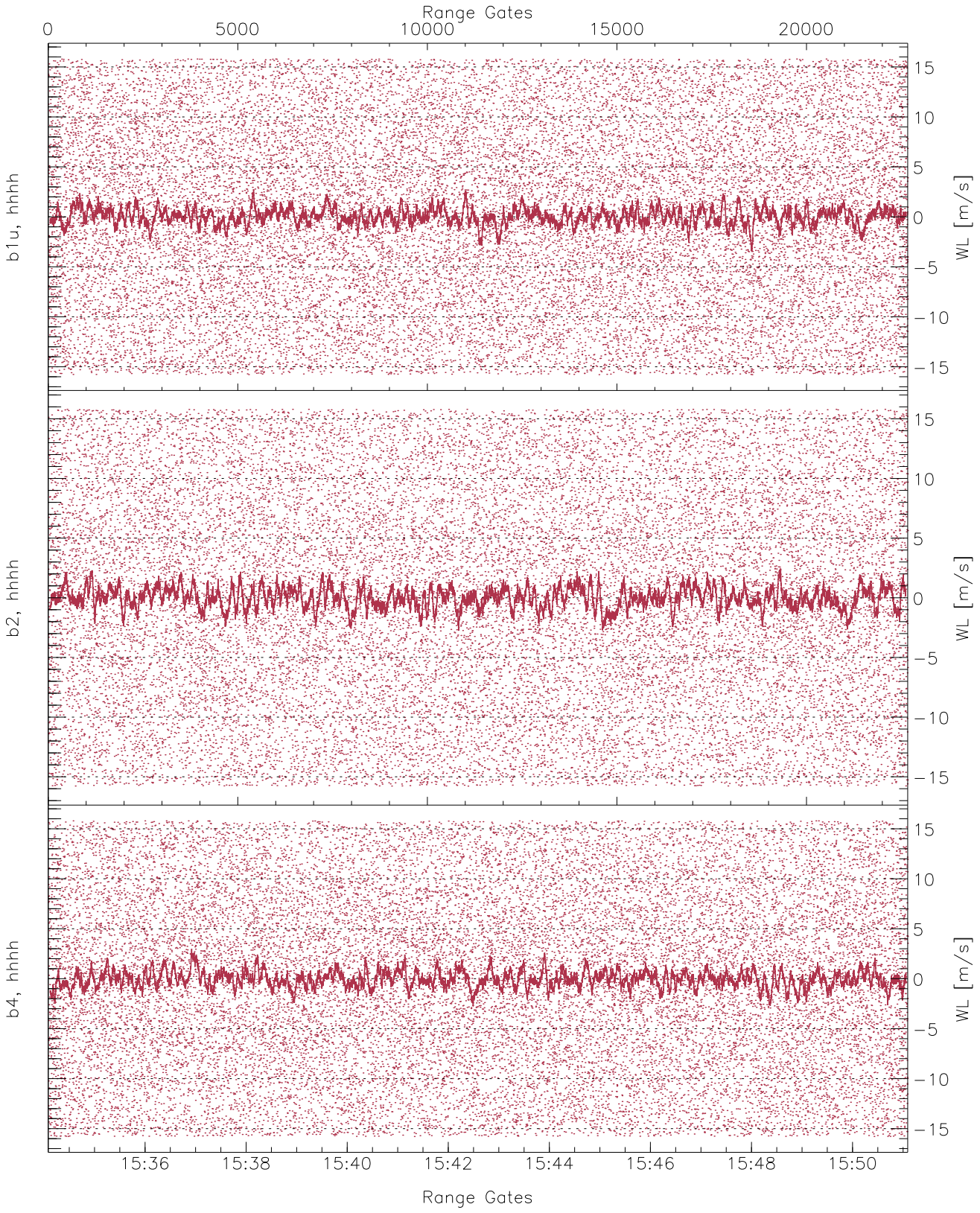
	Min	Max	Mean	Median	StDev
H1RG397_0 [dBm]	-66.73	-64.12	-65.29	-65.29	-76.77
V2RG401_0 [dBm]	-66.23	-63.86	-64.96	-64.96	-76.46
H2RG352_0 [dBm]	-66.15	-63.64	-64.84	-64.85	-76.32



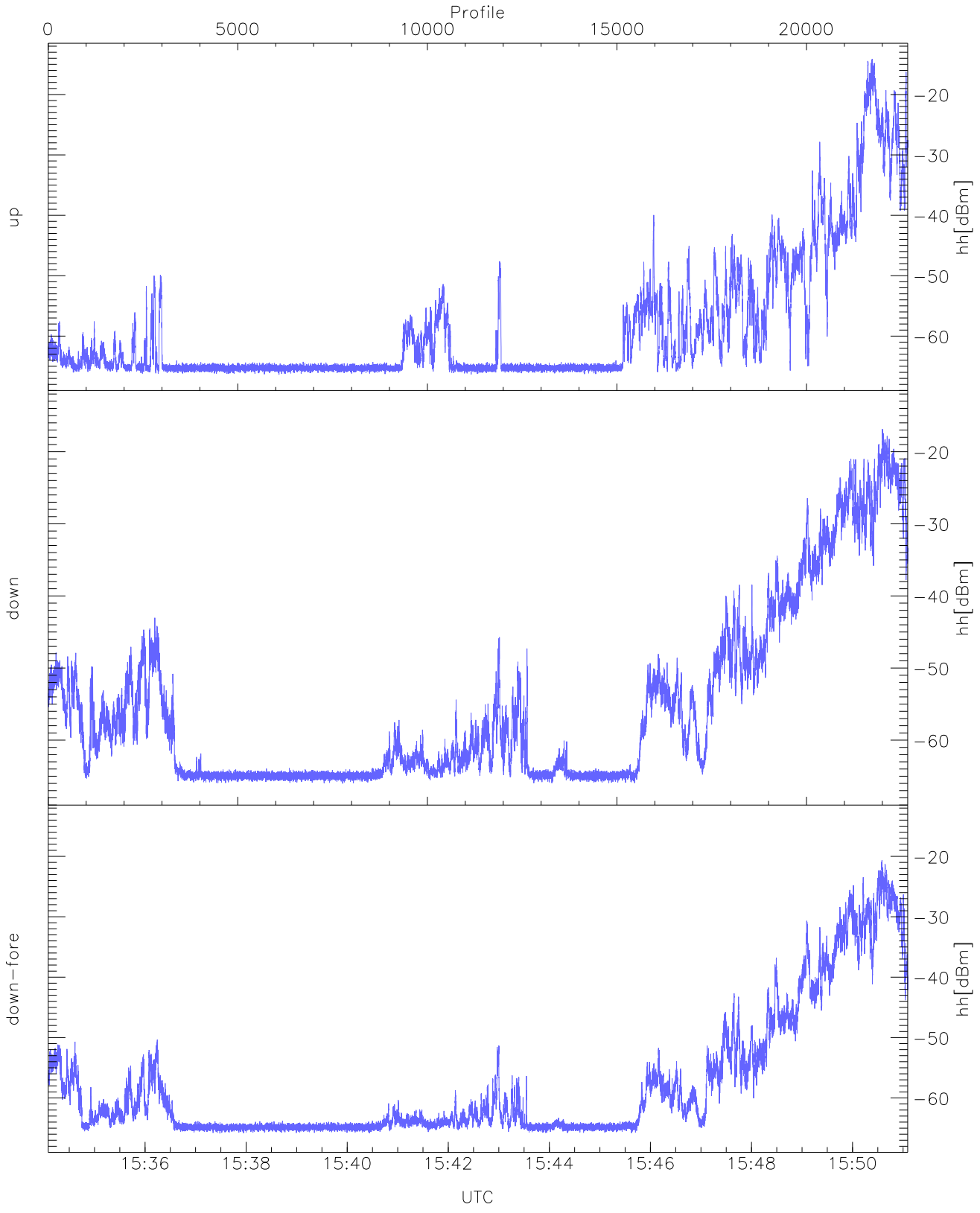
WCR3 CPP Averaged Received power for all recorded gates
blue: 153405-154235, 11337 profiles averaged
red: 154235-155106, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 153405-154235, 11337 profiles averaged
red: 154235-155106, 11336 profiles averaged

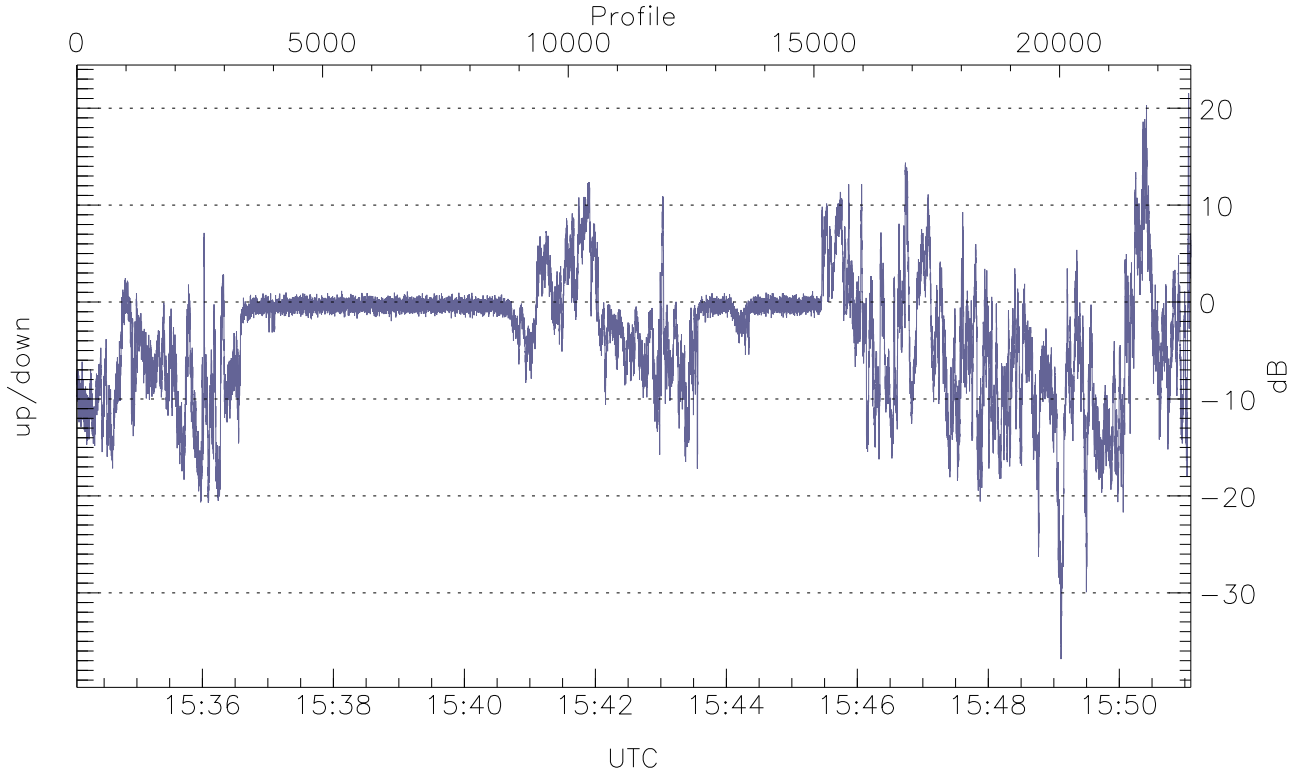


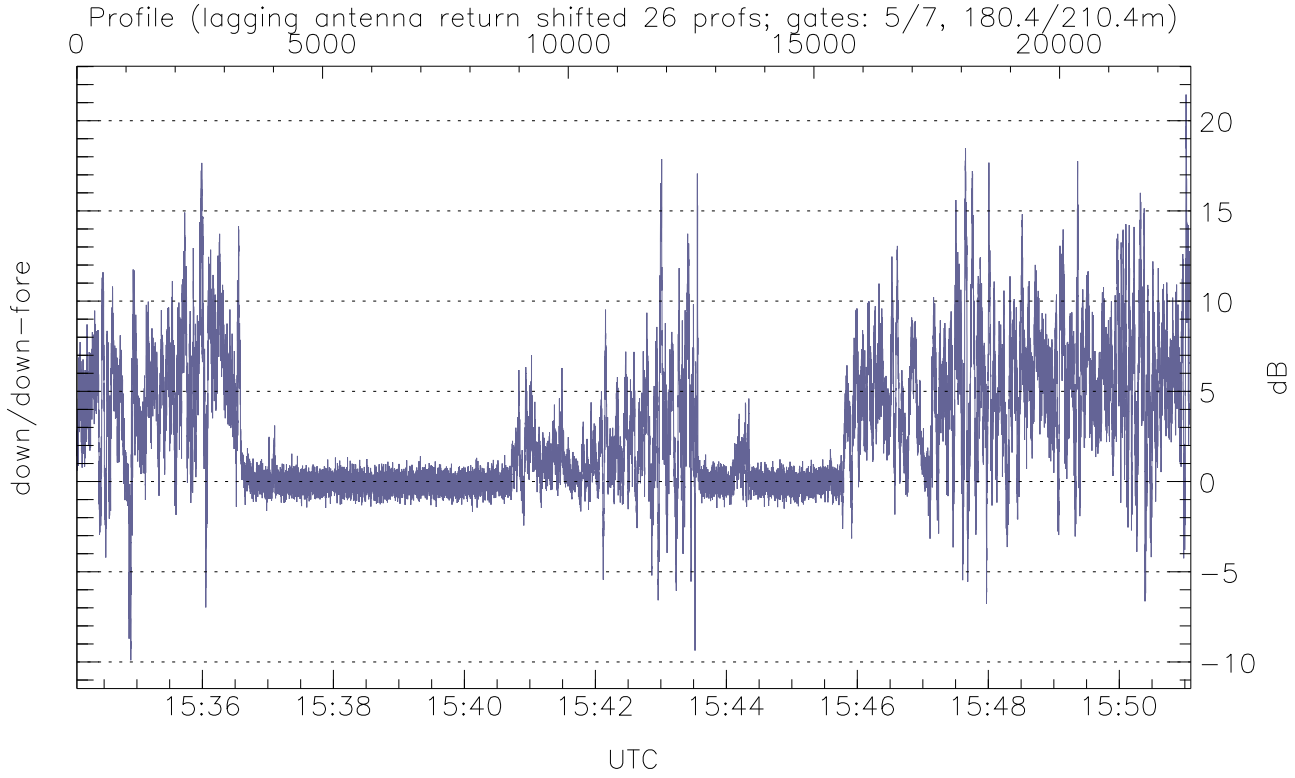
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

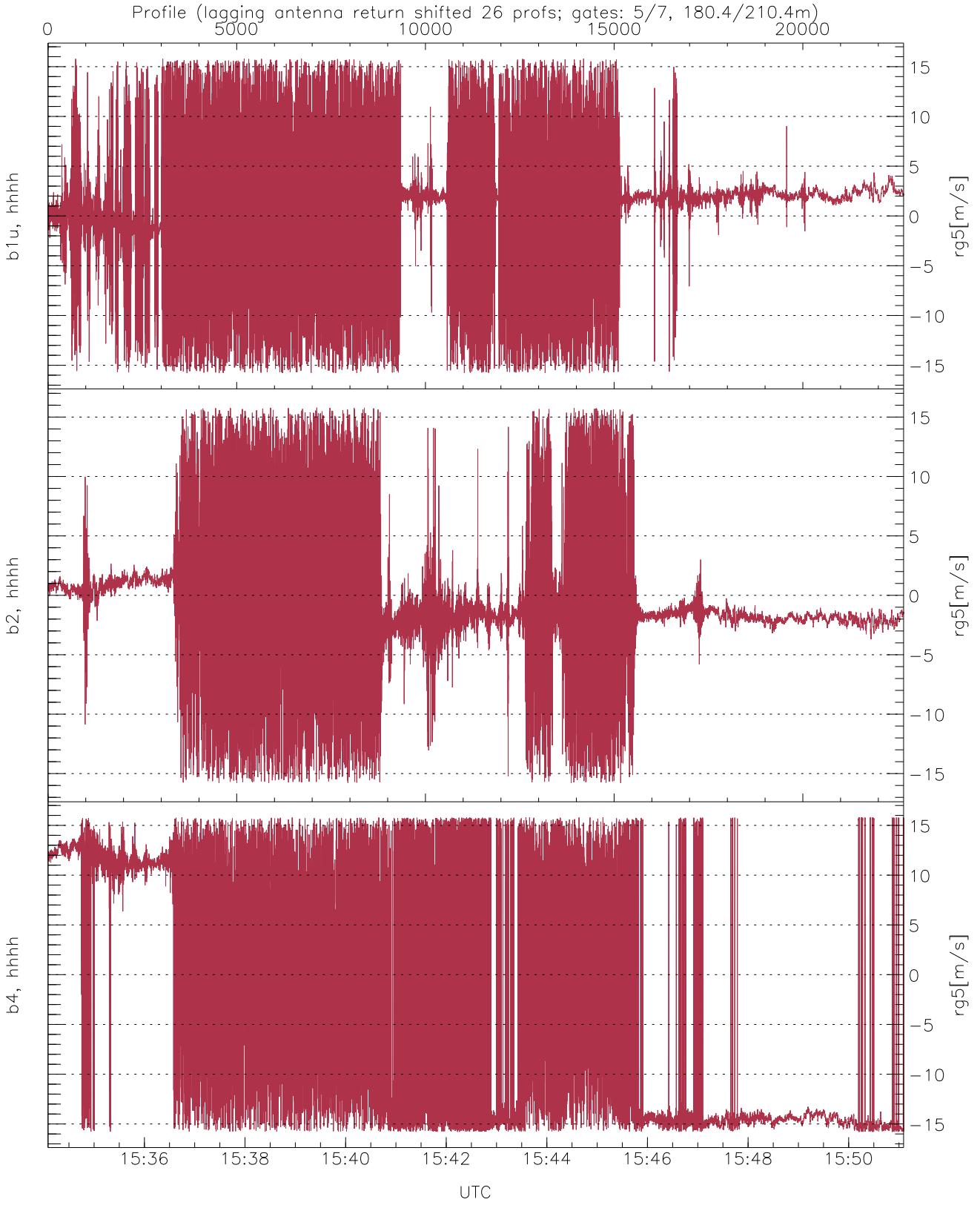
	Min	Max	Mean
up(hh[dBm])	-66.39	-14.12	-34.84
down(hh[dBm])	-66.01	-16.85	-34.83
down-fore(hh[dBm])	-65.87	-20.63	-39.07





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

	Min	Max	Mean
up/down(dB)	-36.83	21.53	-3.41
down/down-fore(dB)	-9.91	21.45	2.74



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	0.71	6.21
b2, hhhh(rg5[m/s])	-15.78	15.79	-0.79	5.03
b4, hhhh(rg5[m/s])	-15.79	15.79	-3.93	11.57