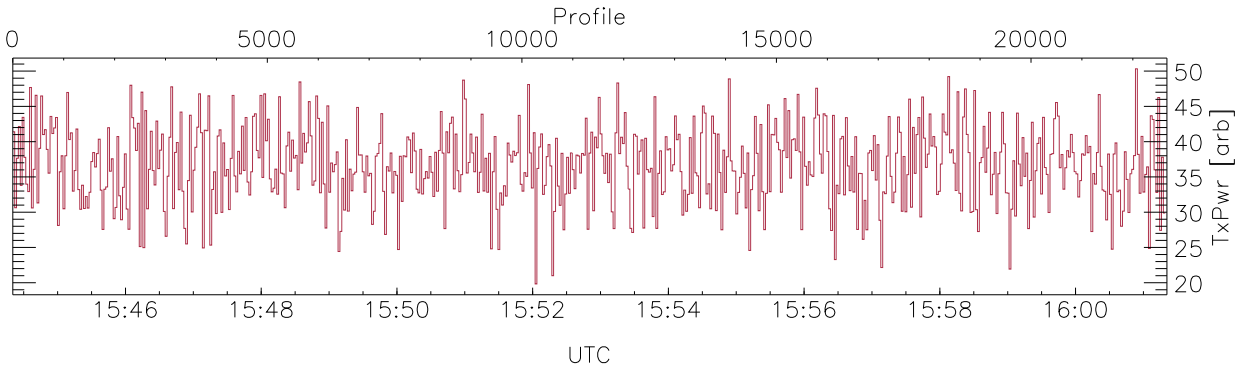
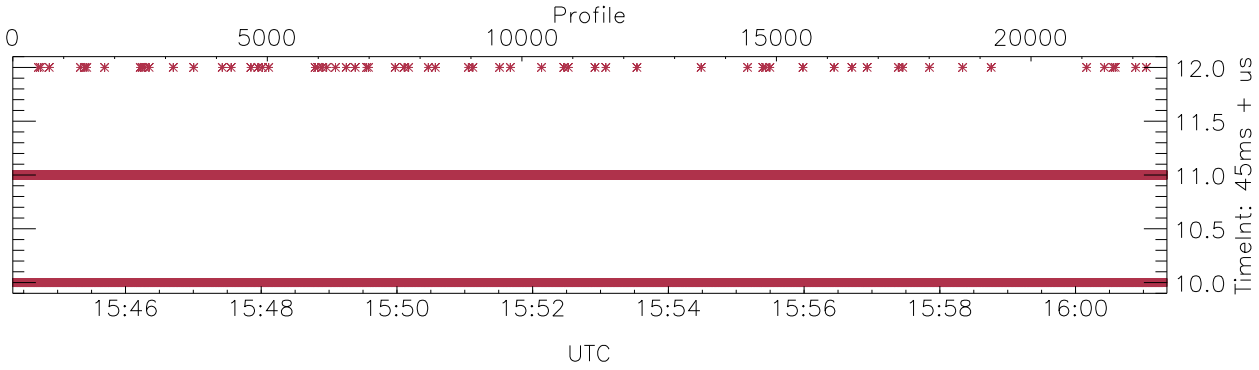
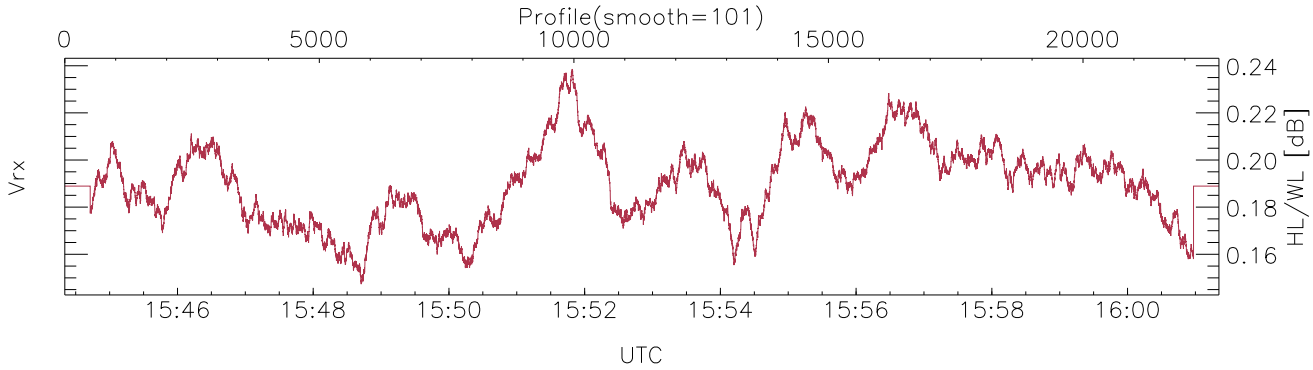
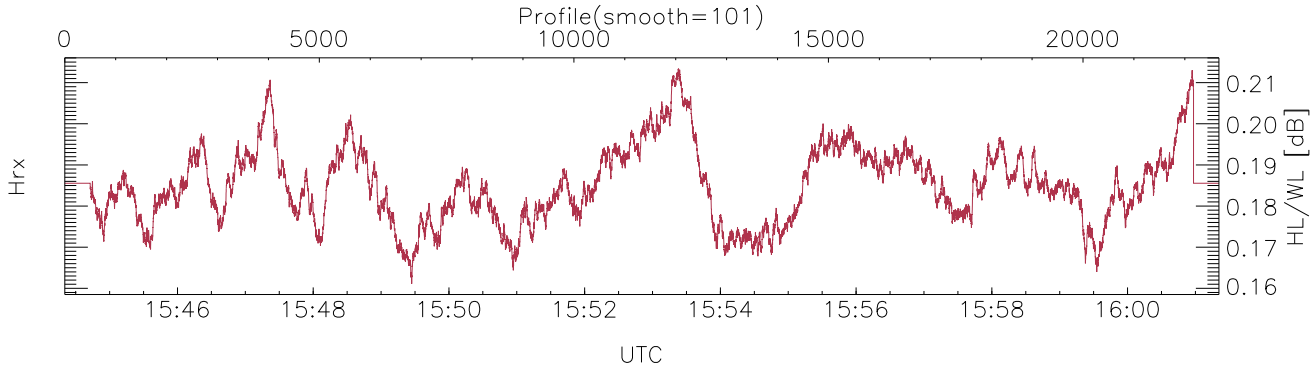


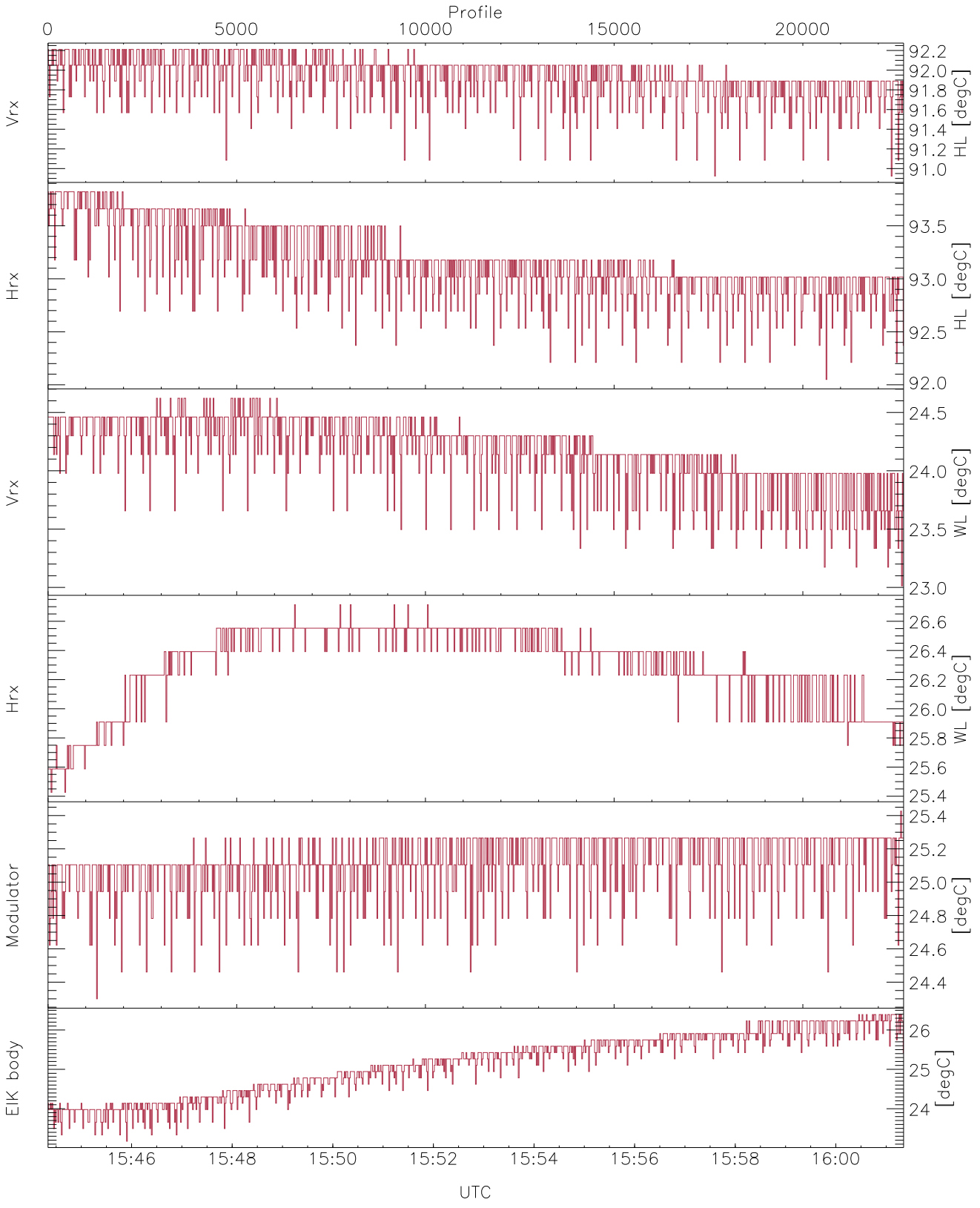






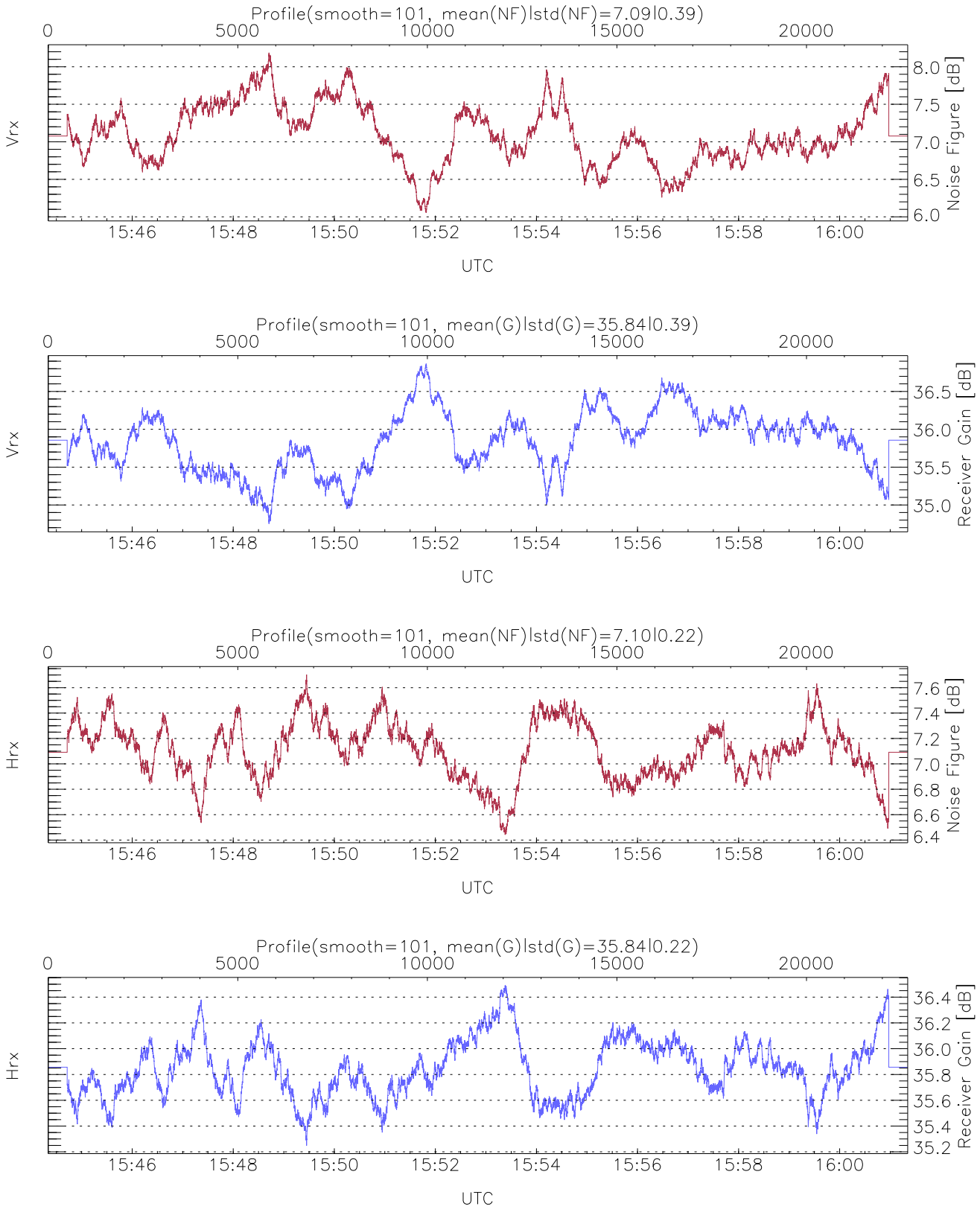
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 15:44:20-16:01:21, 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, 0-22671/15:44:20-16:01:21
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



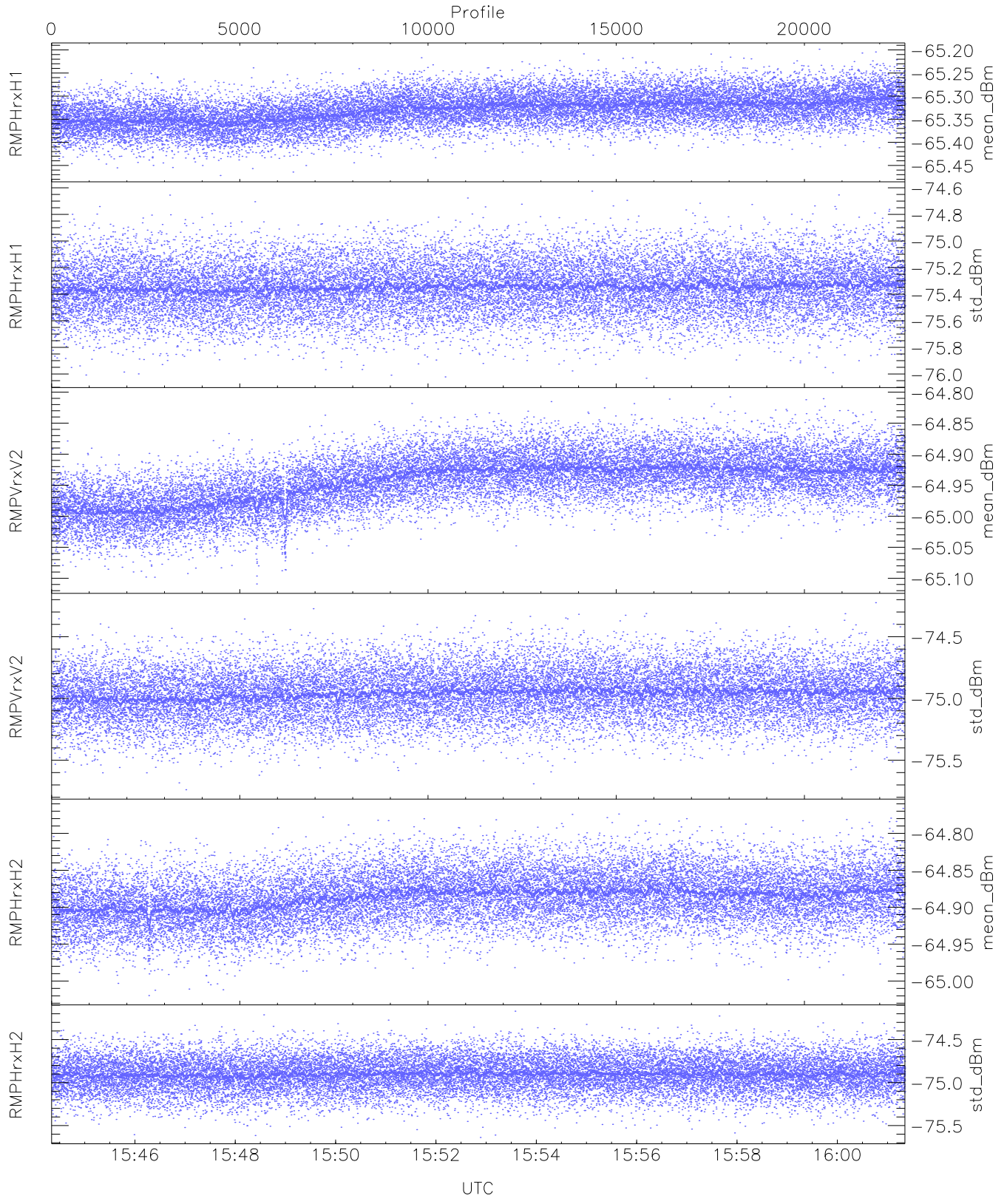
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,23,25,24,23
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,24,26,25,26
LOalarm(20,240,2817,14861 MHz): 0,0,24,0
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (22,22,44,44,44,44)



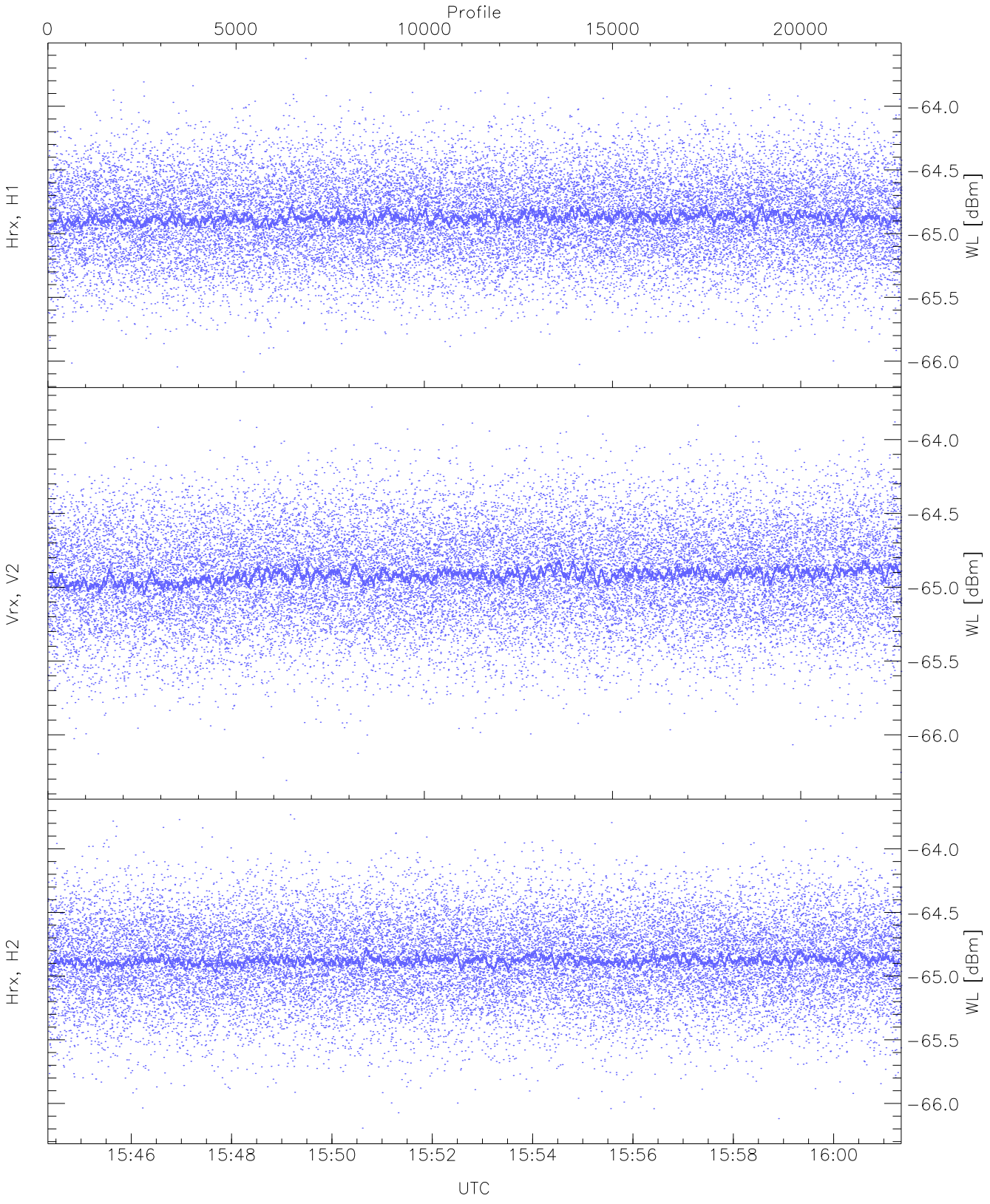
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 3 pixs, 2 gates, 2 profs, 1 prod(s)



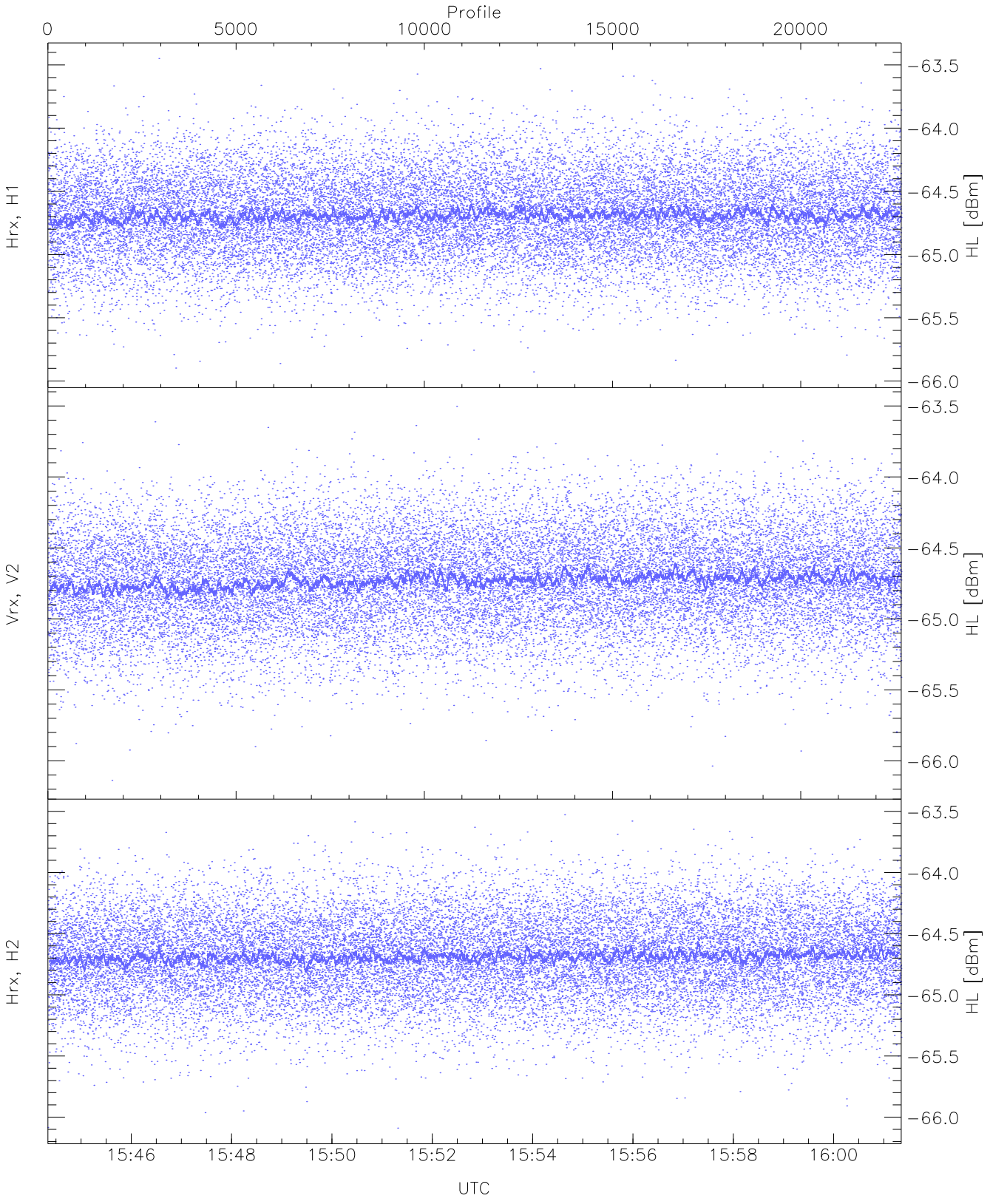
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.47	-65.20	-65.33	-65.33	-86.33
RMPHrxH1(std_dBm)	-76.03	-74.63	-75.35	-75.35	-89.14
RMPVrxV2(mean_dBm)	-65.11	-64.81	-64.94	-64.94	-85.20
RMPVrxV2(std_dBm)	-75.74	-74.22	-74.96	-74.96	-88.67
RMPHrxH2(mean_dBm)	-65.02	-64.77	-64.89	-64.89	-86.21
RMPHrxH2(std_dBm)	-75.64	-74.17	-74.90	-74.90	-88.70



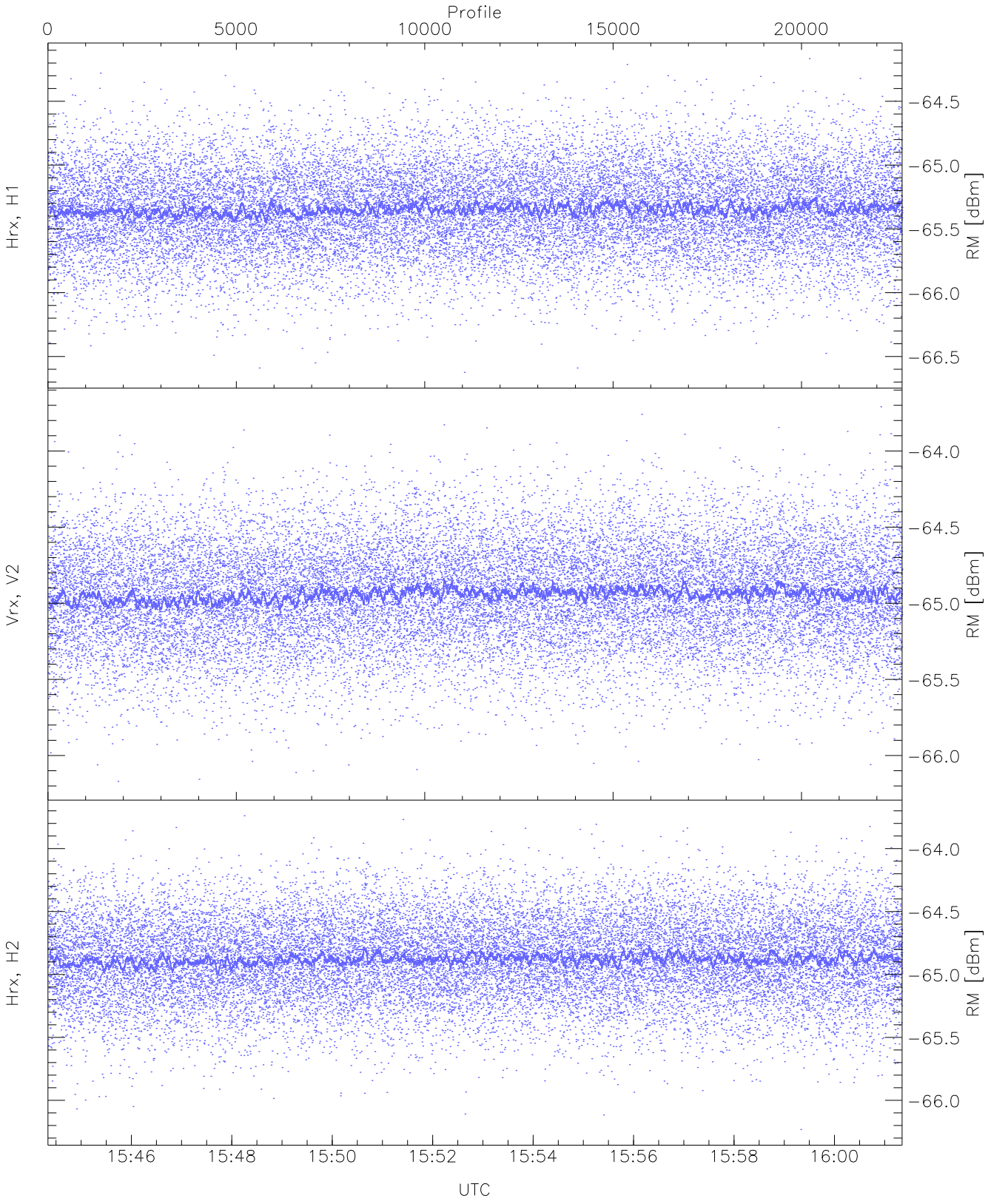
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.09	-63.63	-64.87	-64.88	-76.40
Vrx, V2(WL [dBm])	-66.31	-63.77	-64.91	-64.92	-76.39
Hrx, H2(WL [dBm])	-66.19	-63.73	-64.87	-64.88	-76.38



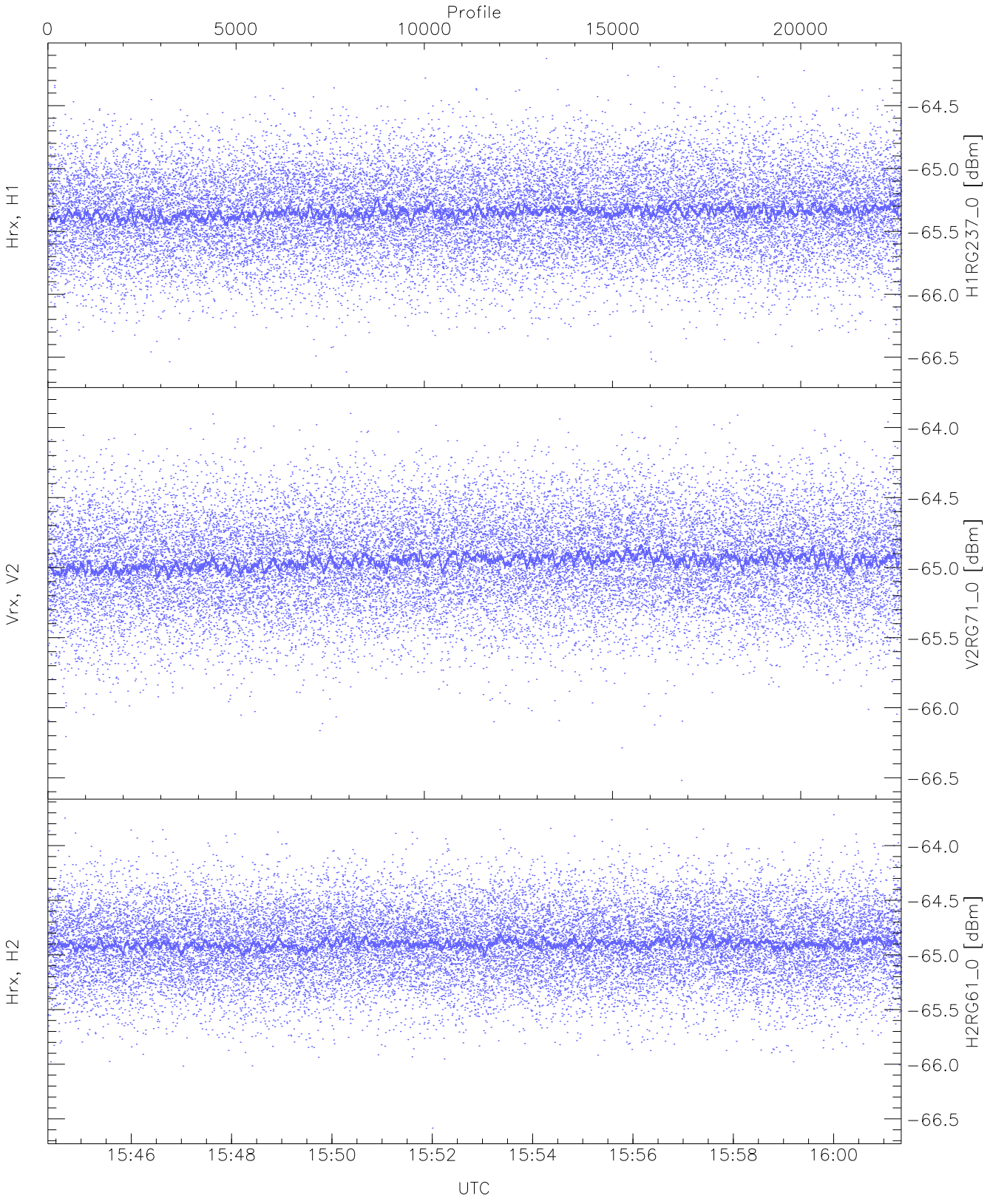
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.93	-63.45	-64.68	-64.69	-76.22
Vrx, V2(HL [dBm])	-66.14	-63.50	-64.72	-64.73	-76.25
Hrx, H2(HL [dBm])	-66.09	-63.53	-64.68	-64.69	-76.14



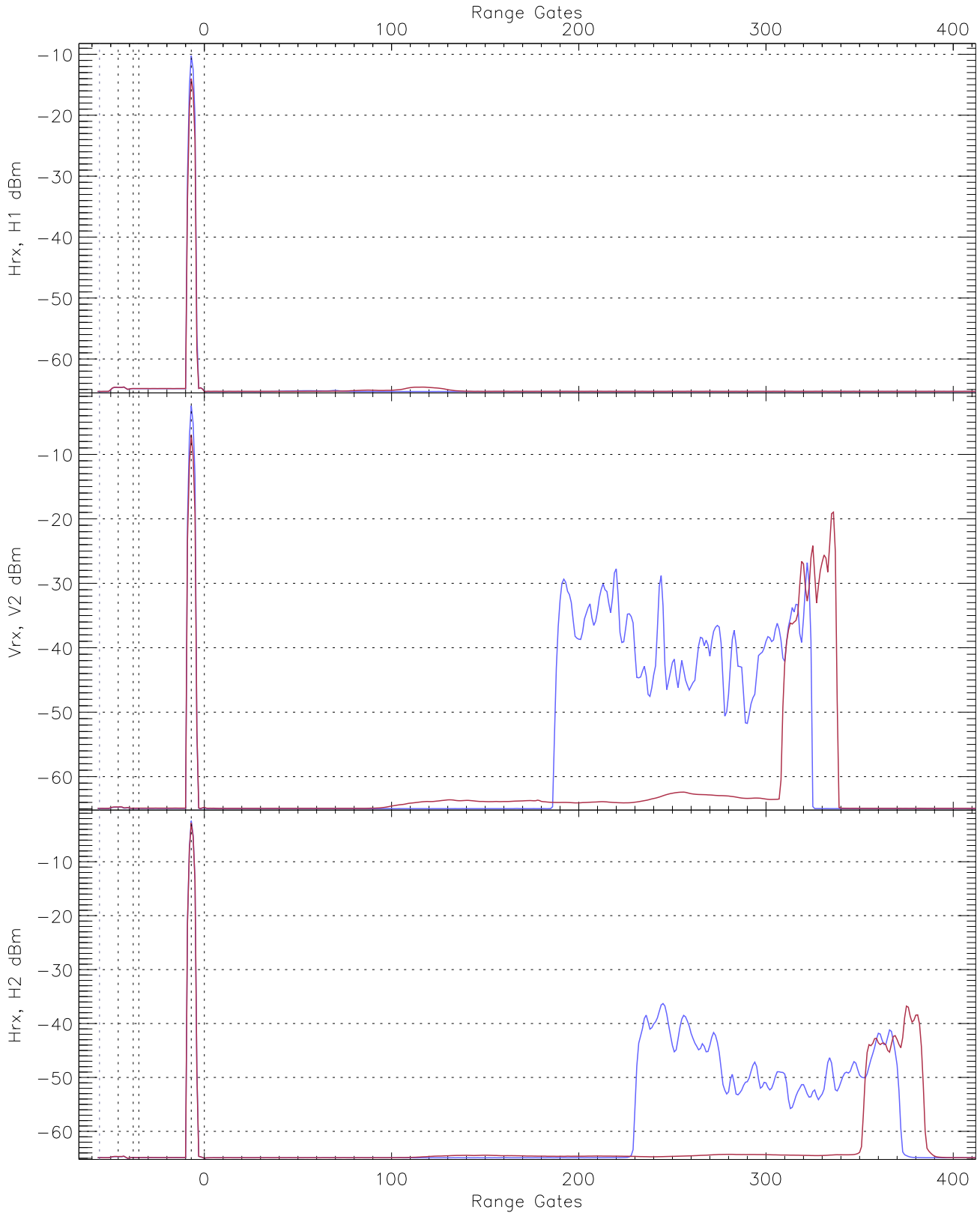
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.62	-64.17	-65.34	-65.35	-76.78
Vrx, V2(RM [dBm])	-66.17	-63.71	-64.94	-64.94	-76.44
Hrx, H2(RM [dBm])	-66.23	-63.74	-64.87	-64.88	-76.40

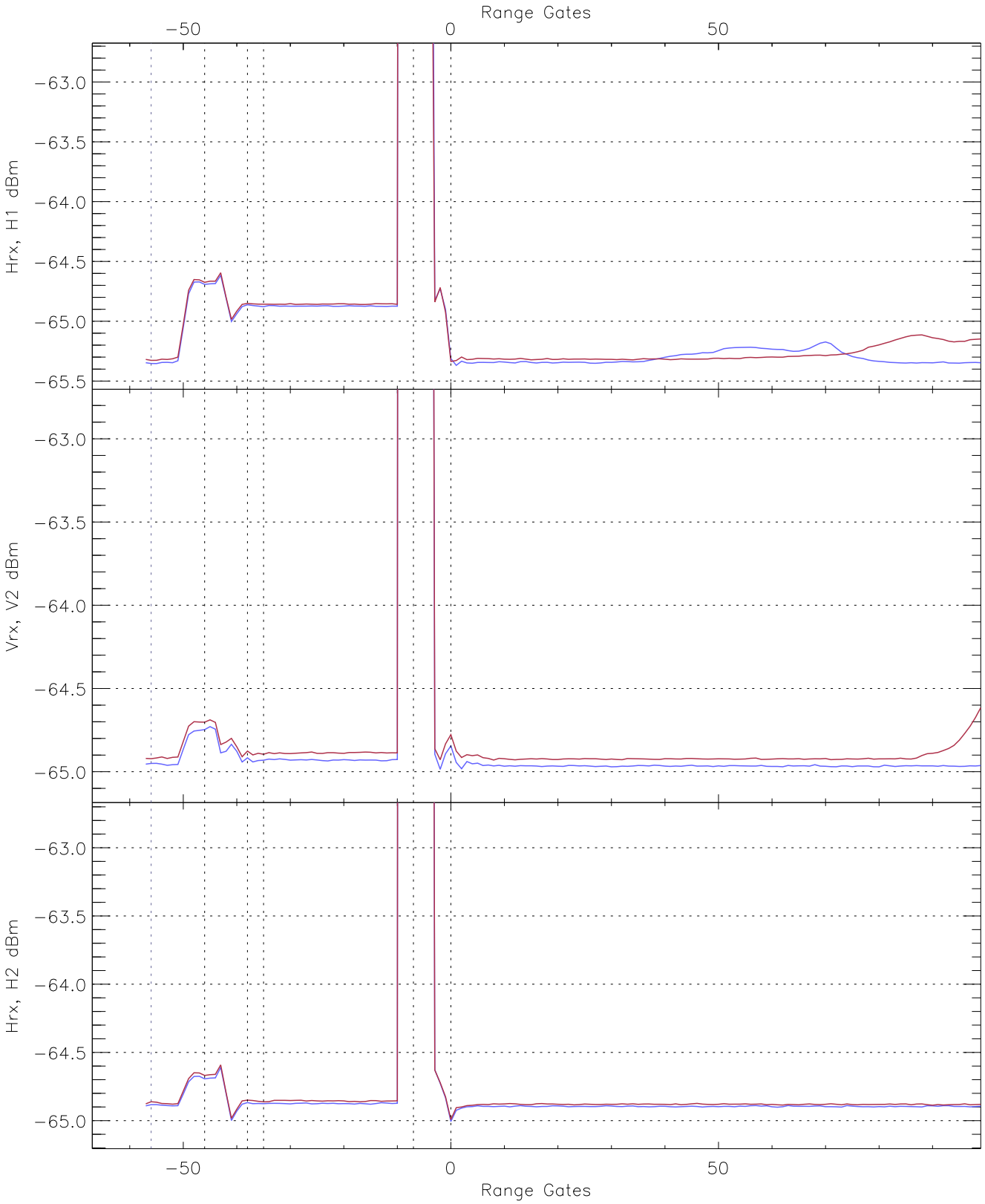


WCR3 CPP "Best" estimate Receivers Noise Power

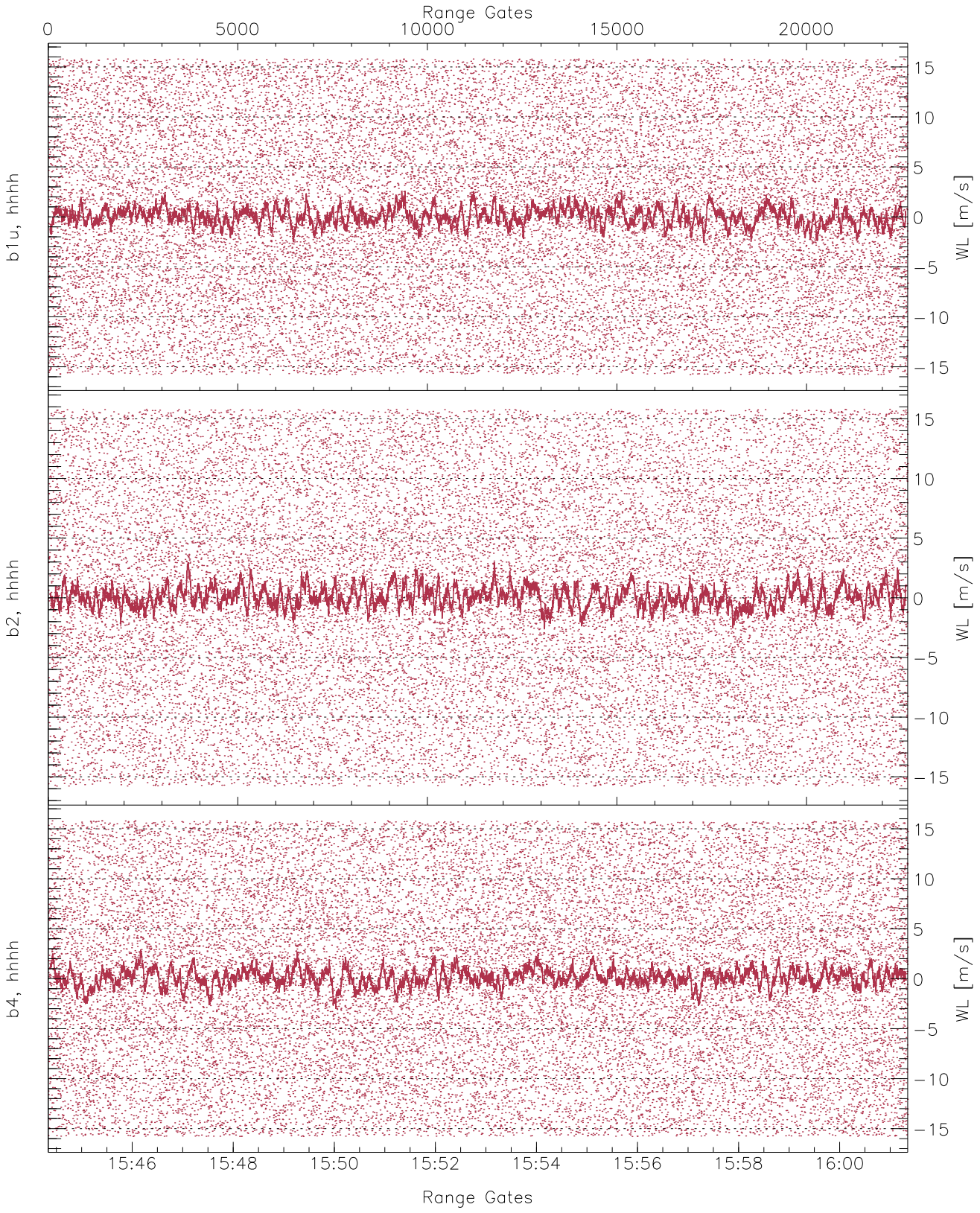
	Min	Max	Mean	Median	StDev
H1RG237_0 [dBm]	-66.62	-64.13	-65.34	-65.35	-76.83
V2RG71_0 [dBm]	-66.52	-63.85	-64.95	-64.96	-76.46
H2RG61_0 [dBm]	-66.58	-63.72	-64.89	-64.90	-76.37



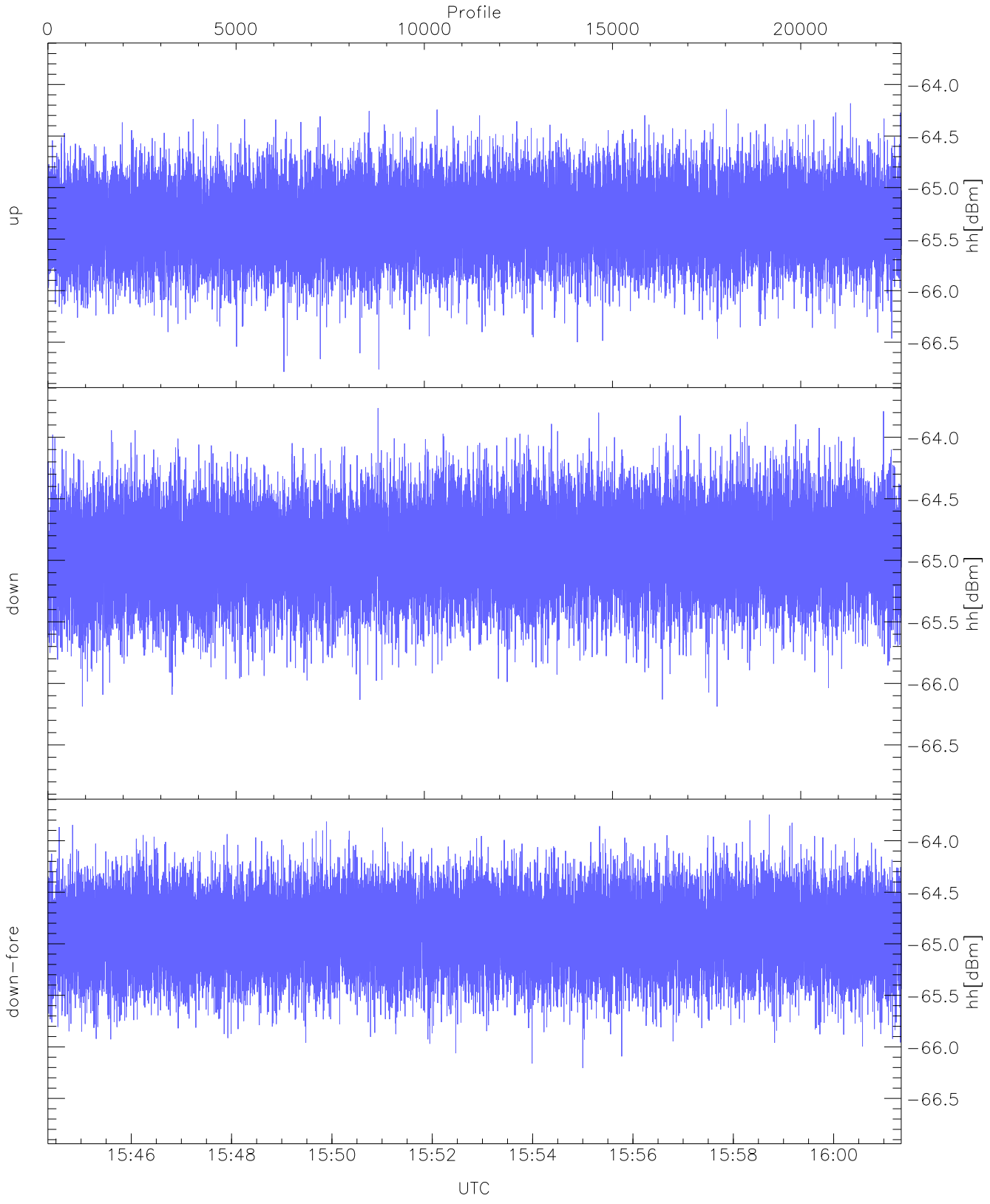
WCR3 CPP Averaged Received power for all recorded gates
blue: 154420-155251, 11337 profiles averaged
red: 155251-160121, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 154420-155251, 11337 profiles averaged
red: 155251-160121, 11336 profiles averaged

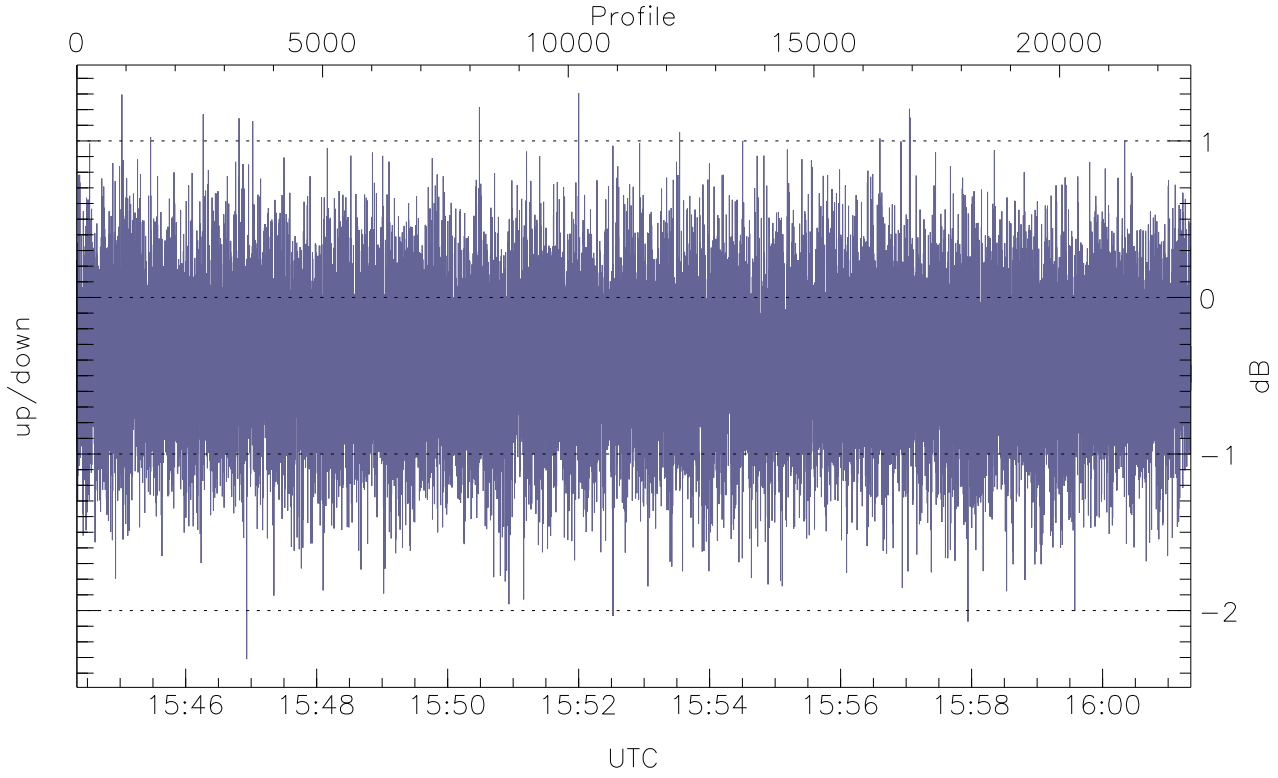


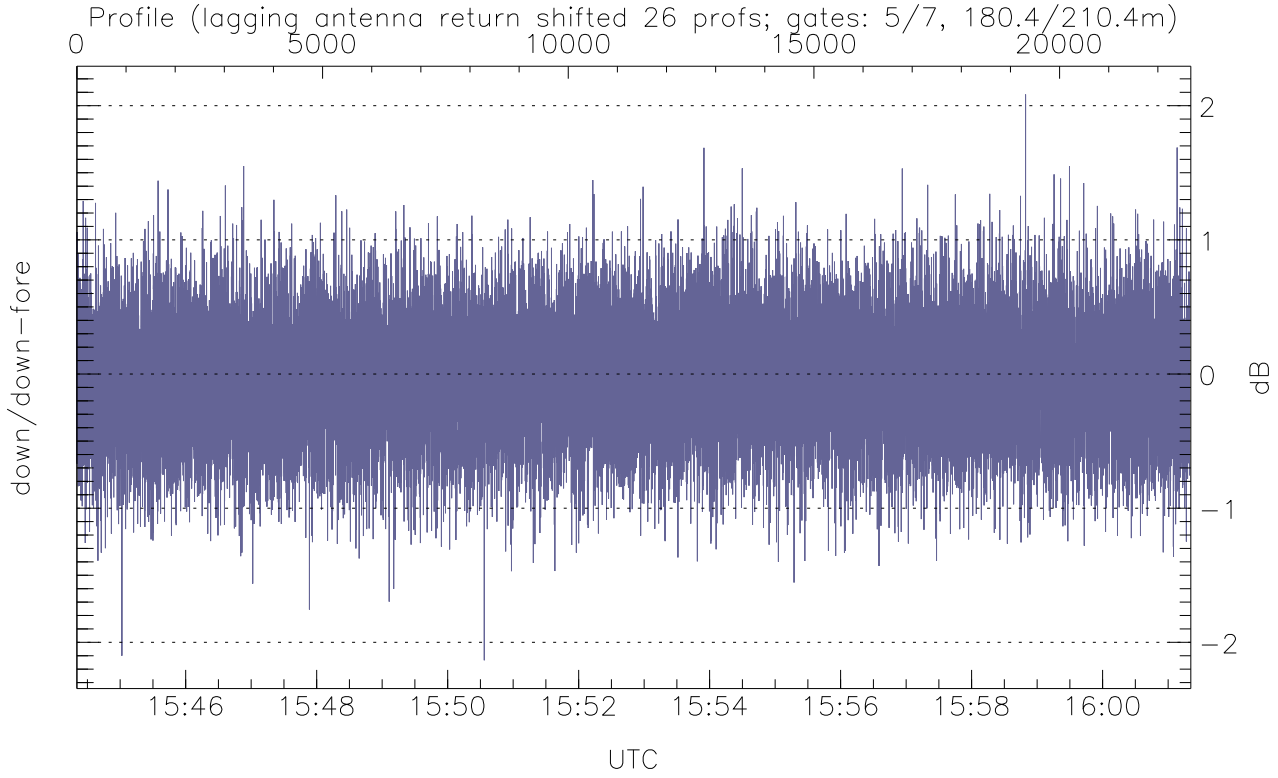
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

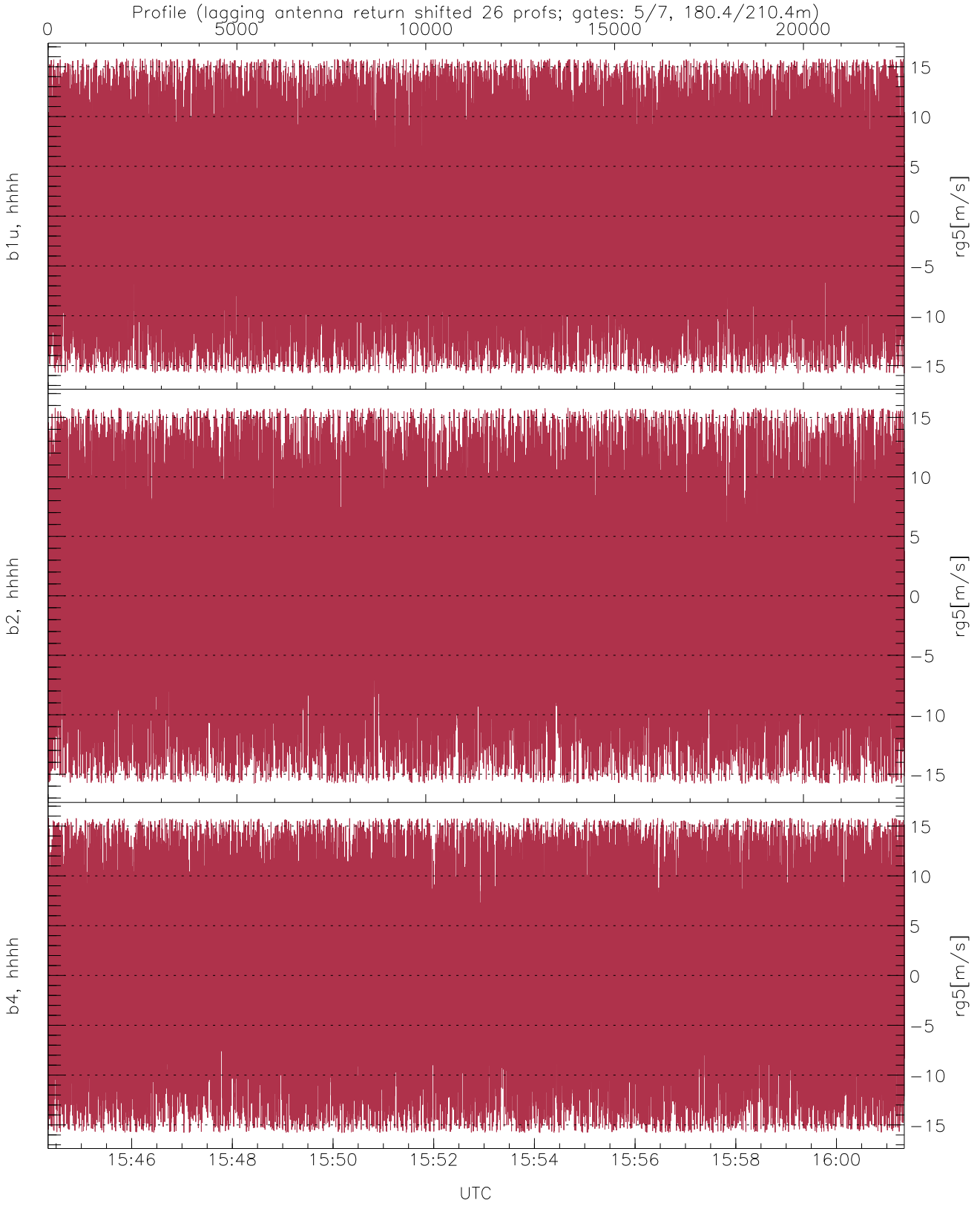
	Min	Max	Mean
up(hh[dBm])	-66.79	-64.18	-65.33
down(hh[dBm])	-66.19	-63.76	-64.92
down-fore(hh[dBm])	-66.21	-63.75	-64.89





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

	Min	Max	Mean
up/down(dB)	-2.31	1.30	-0.40
down/down-fore(dB)	-2.13	2.08	-0.04



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.79	15.79	0.02	8.66
b2, hhhh(rg5[m/s])	-15.78	15.79	-0.06	8.34
b4, hhhh(rg5[m/s])	-15.79	15.79	0.08	8.79