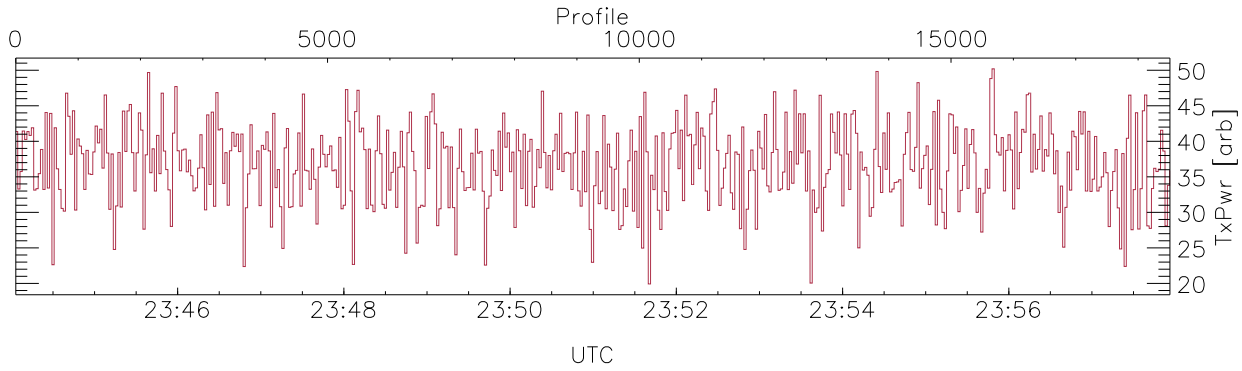
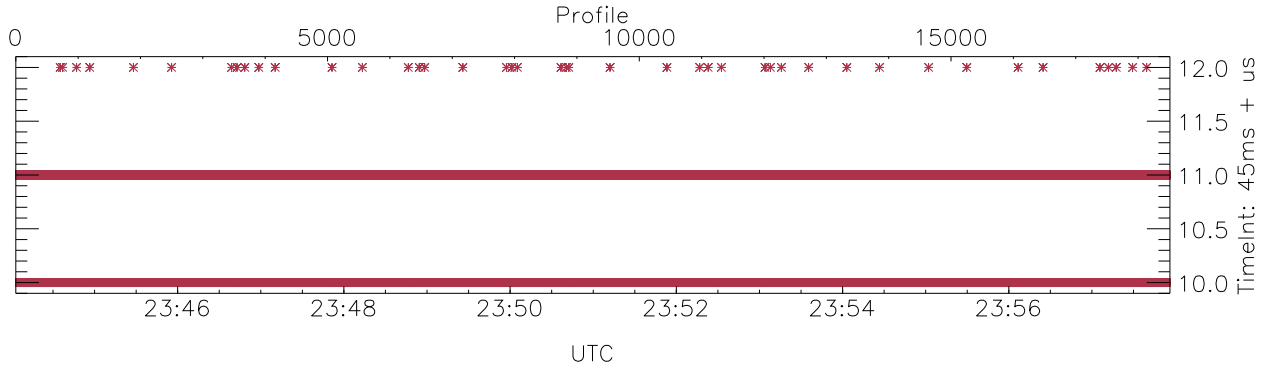
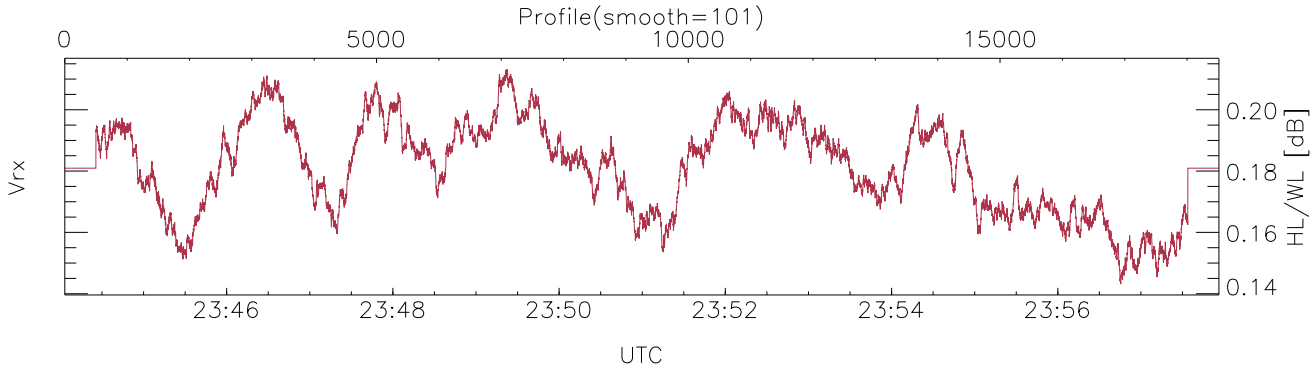
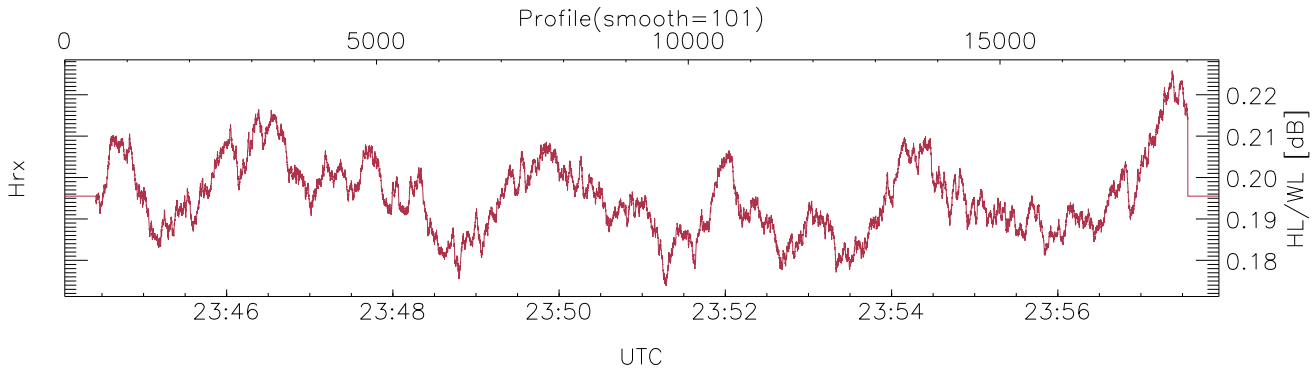


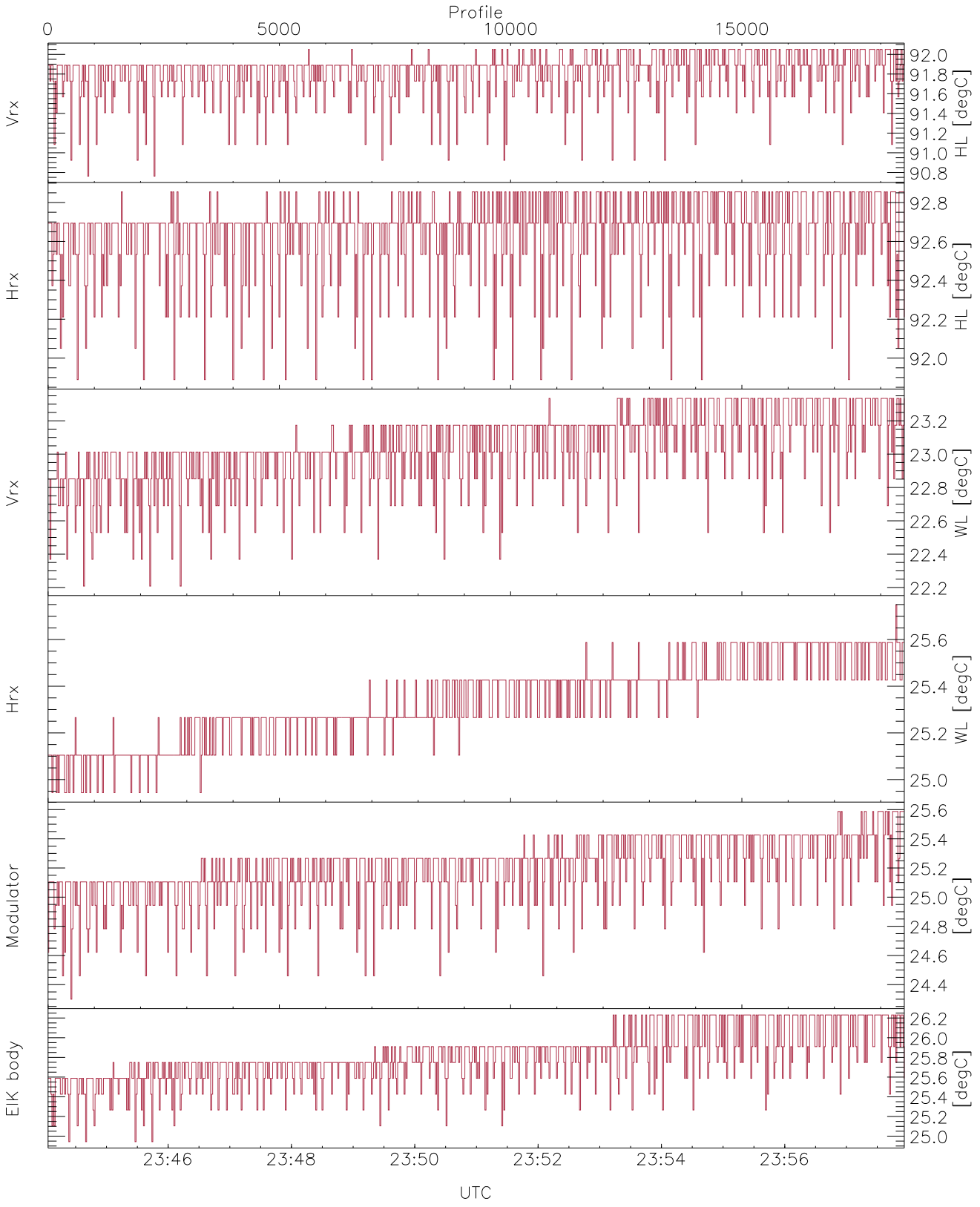






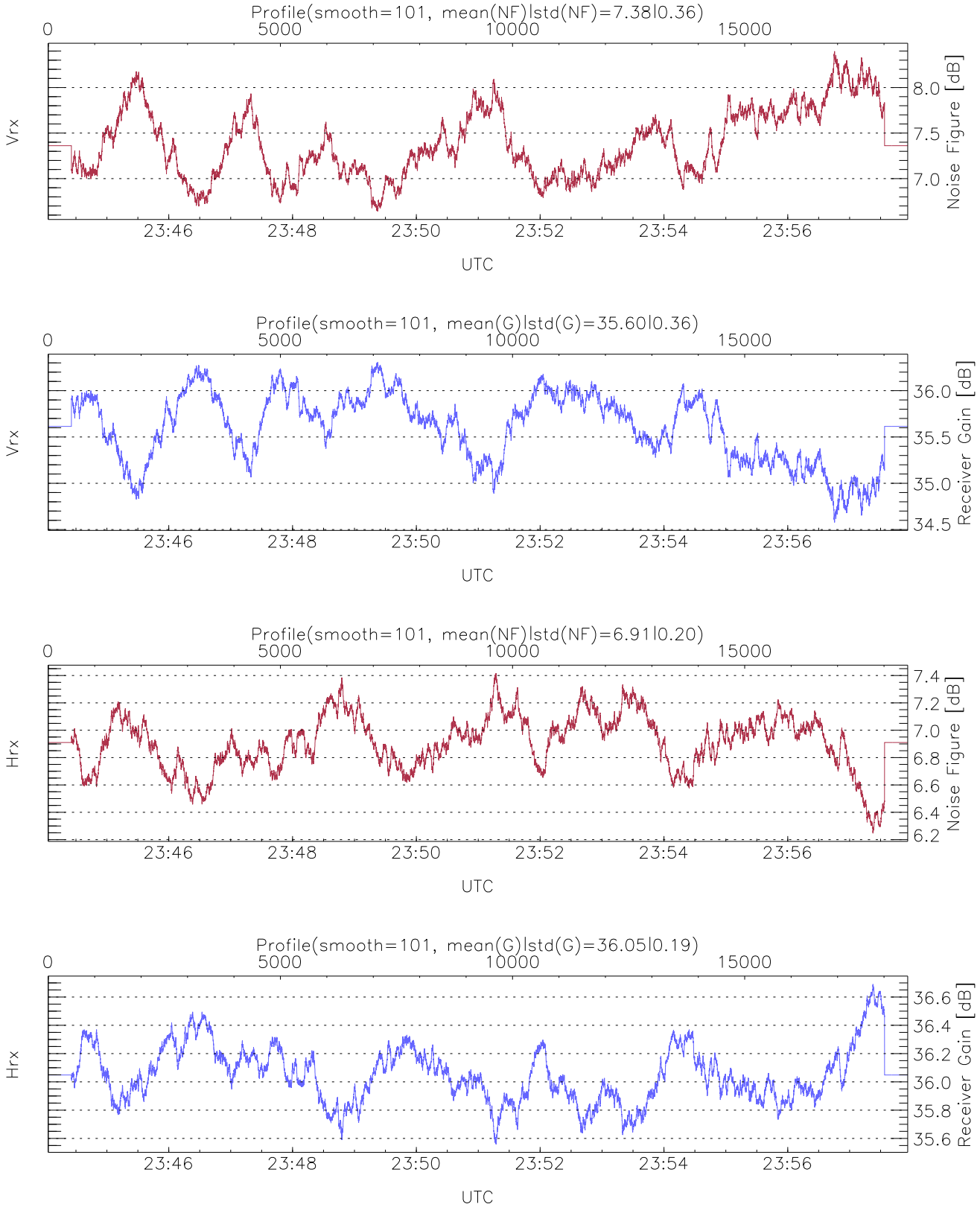
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 23:44:03-23:57:56, TimeCor: 0.00s, Dur: 833.20s
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): 18512/18512, 0-18511/23:44:03-23:57:56
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



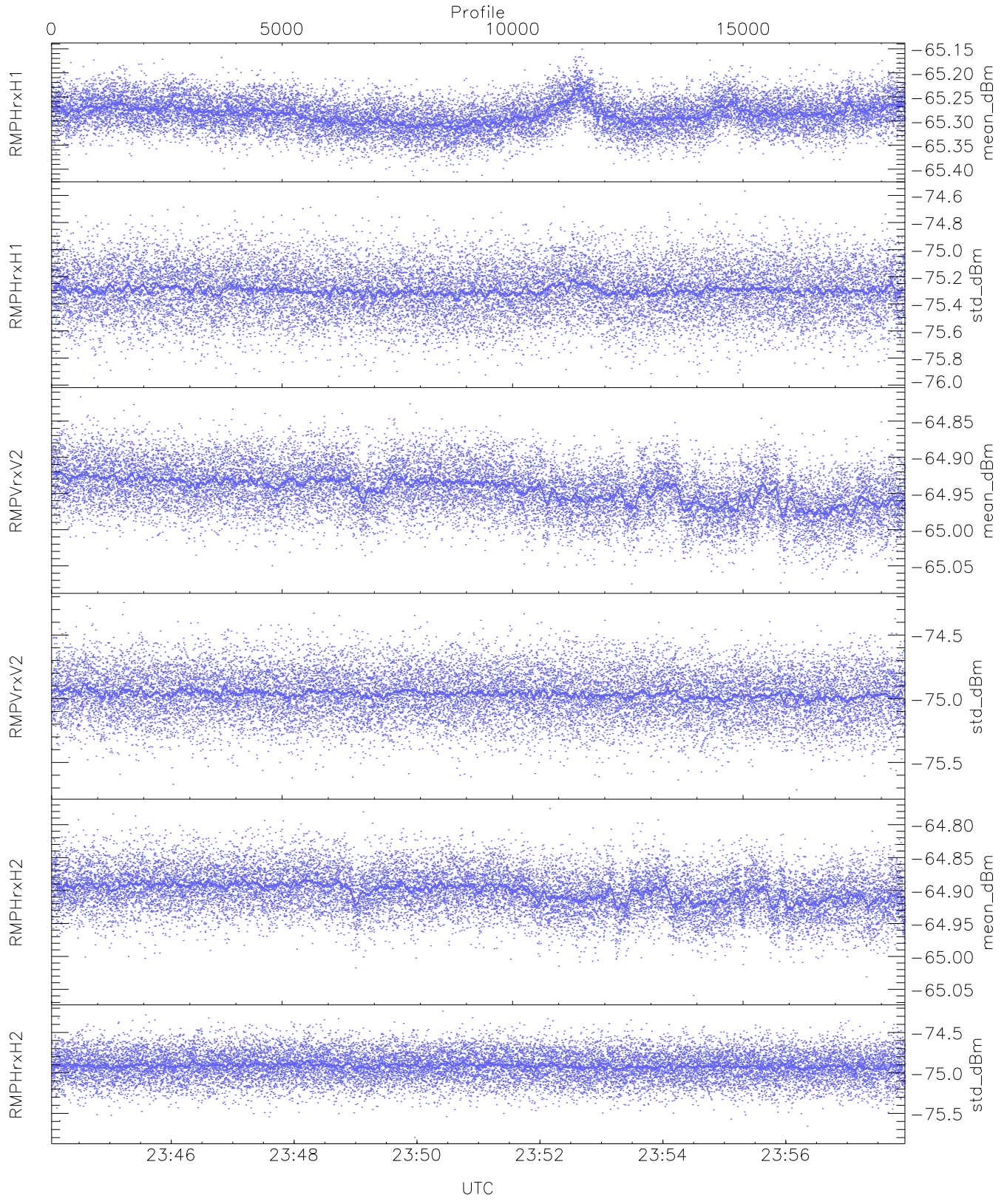
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,22,24,24,24
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,92,23,25,25,26
LOalarm(20,240,2817,14861 MHz): 0,0,24,0
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (22,22,22,22,22,22)



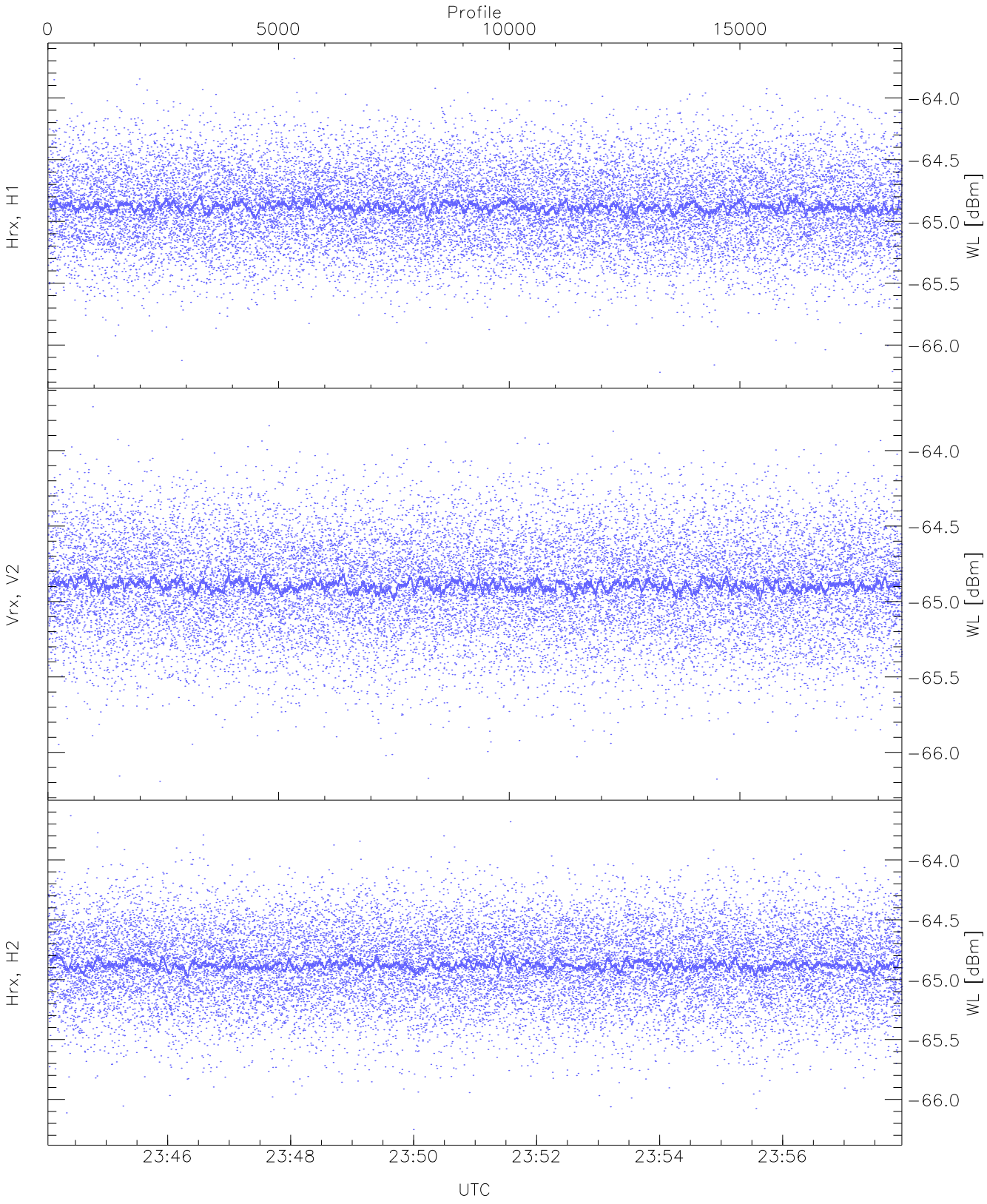
WCR3 CPP Receivers Gain and Noise Figure

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



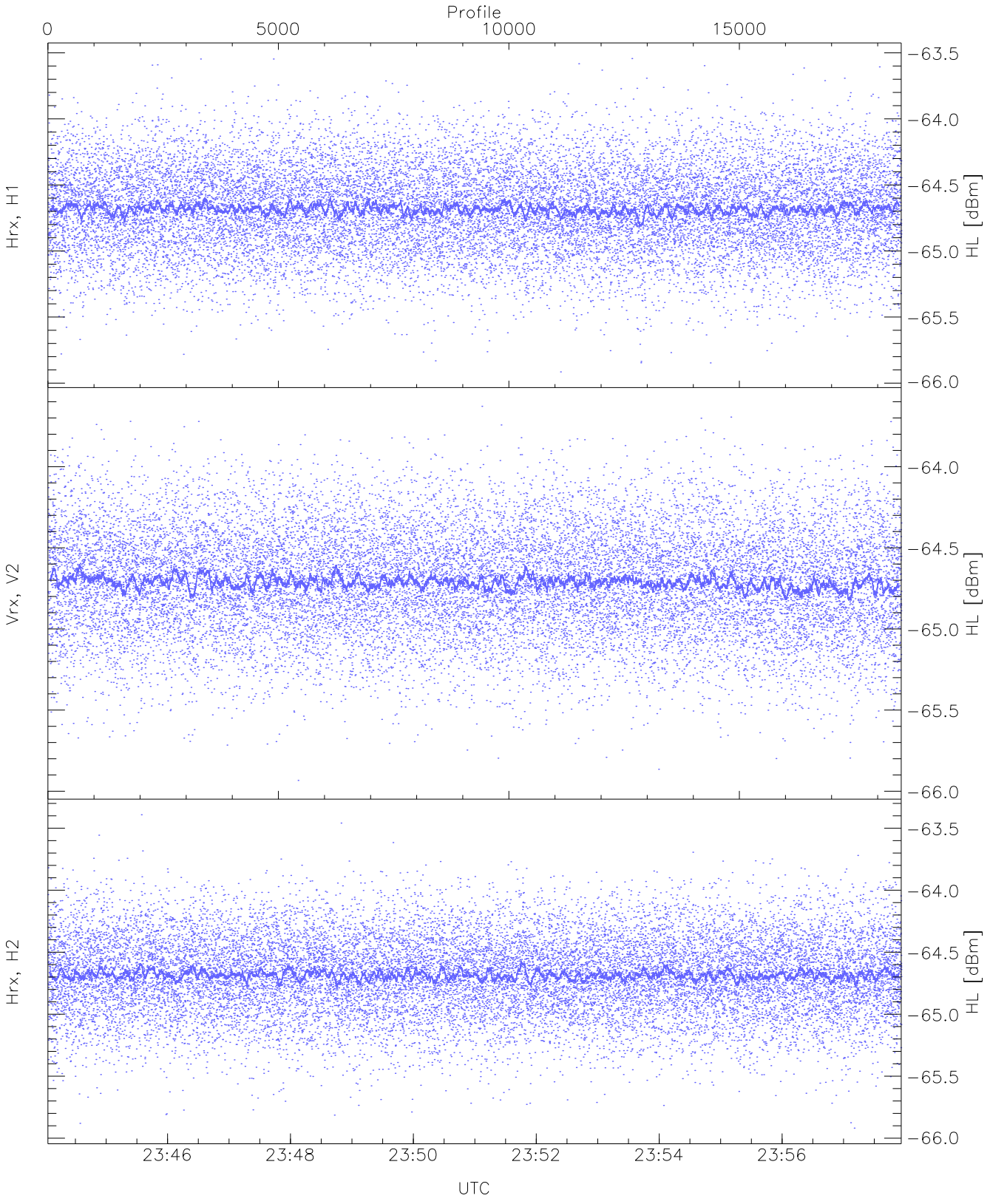
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.41	-65.15	-65.29	-65.29	-86.42
RMPHrxH1(std_dBm)	-75.95	-74.57	-75.30	-75.30	-89.08
RMPVrxV2(mean_dBm)	-65.08	-64.82	-64.95	-64.94	-86.03
RMPVrxV2(std_dBm)	-75.71	-74.25	-74.96	-74.97	-88.71
RMPHrxH2(mean_dBm)	-65.06	-64.78	-64.90	-64.90	-86.21
RMPHrxH2(std_dBm)	-75.80	-74.24	-74.91	-74.91	-88.72



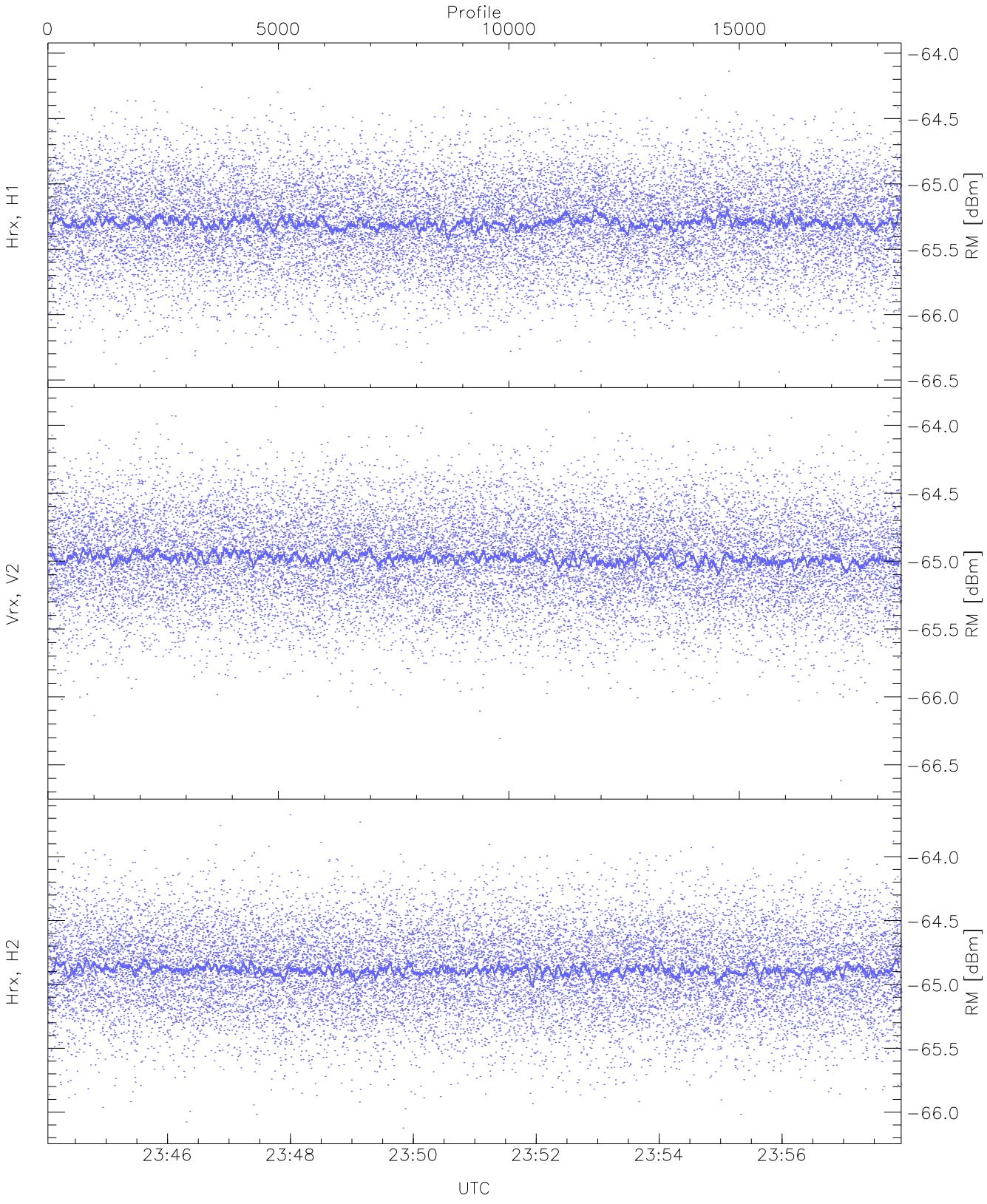
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.22	-63.68	-64.87	-64.88	-76.42
Vrx, V2(WL [dBm])	-66.19	-63.71	-64.89	-64.89	-76.39
Hrx, H2(WL [dBm])	-66.25	-63.63	-64.87	-64.88	-76.35



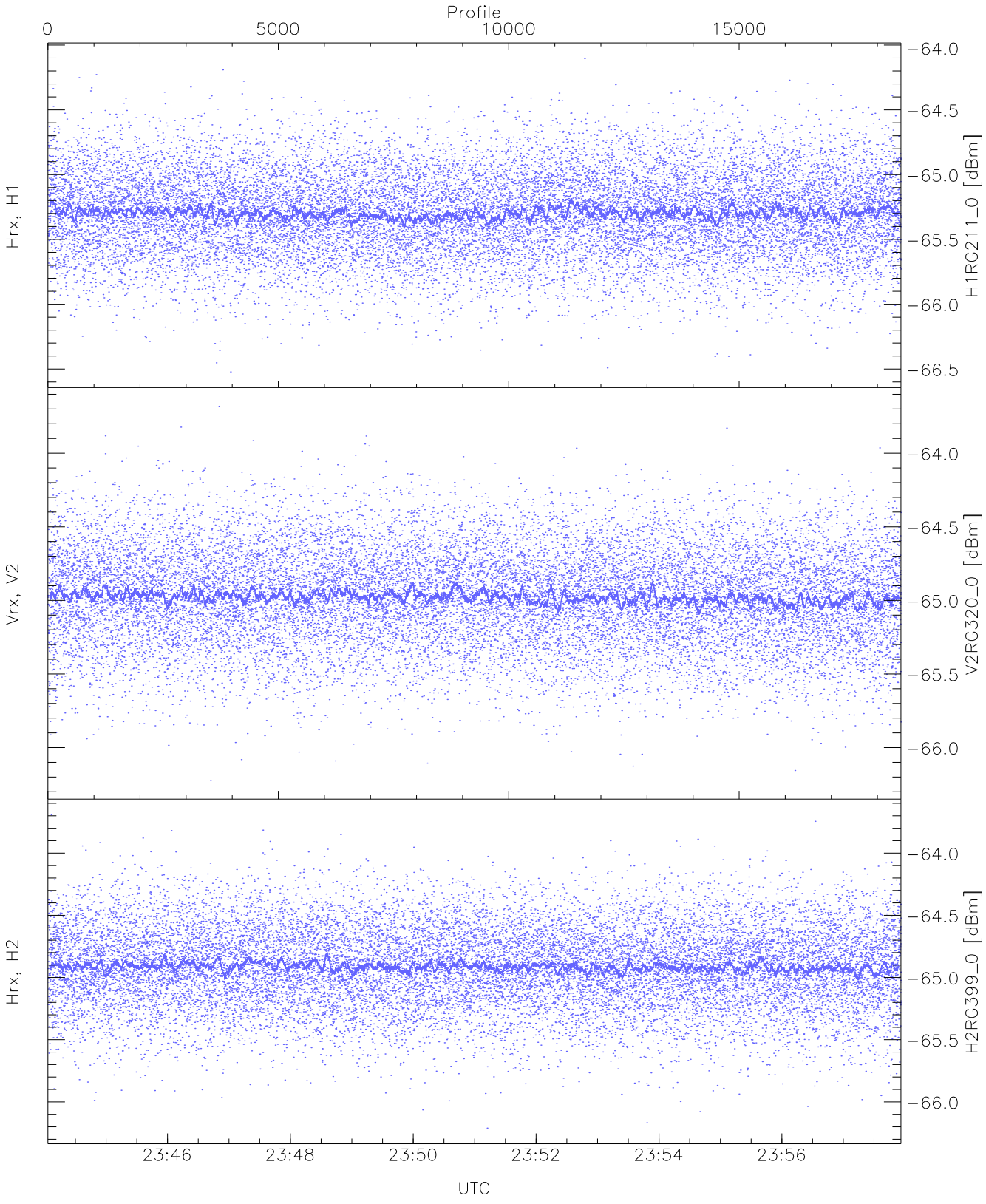
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.92	-63.54	-64.68	-64.68	-76.17
Vrx, V2(HL [dBm])	-65.93	-63.63	-64.70	-64.71	-76.21
Hrx, H2(HL [dBm])	-65.92	-63.39	-64.68	-64.68	-76.20



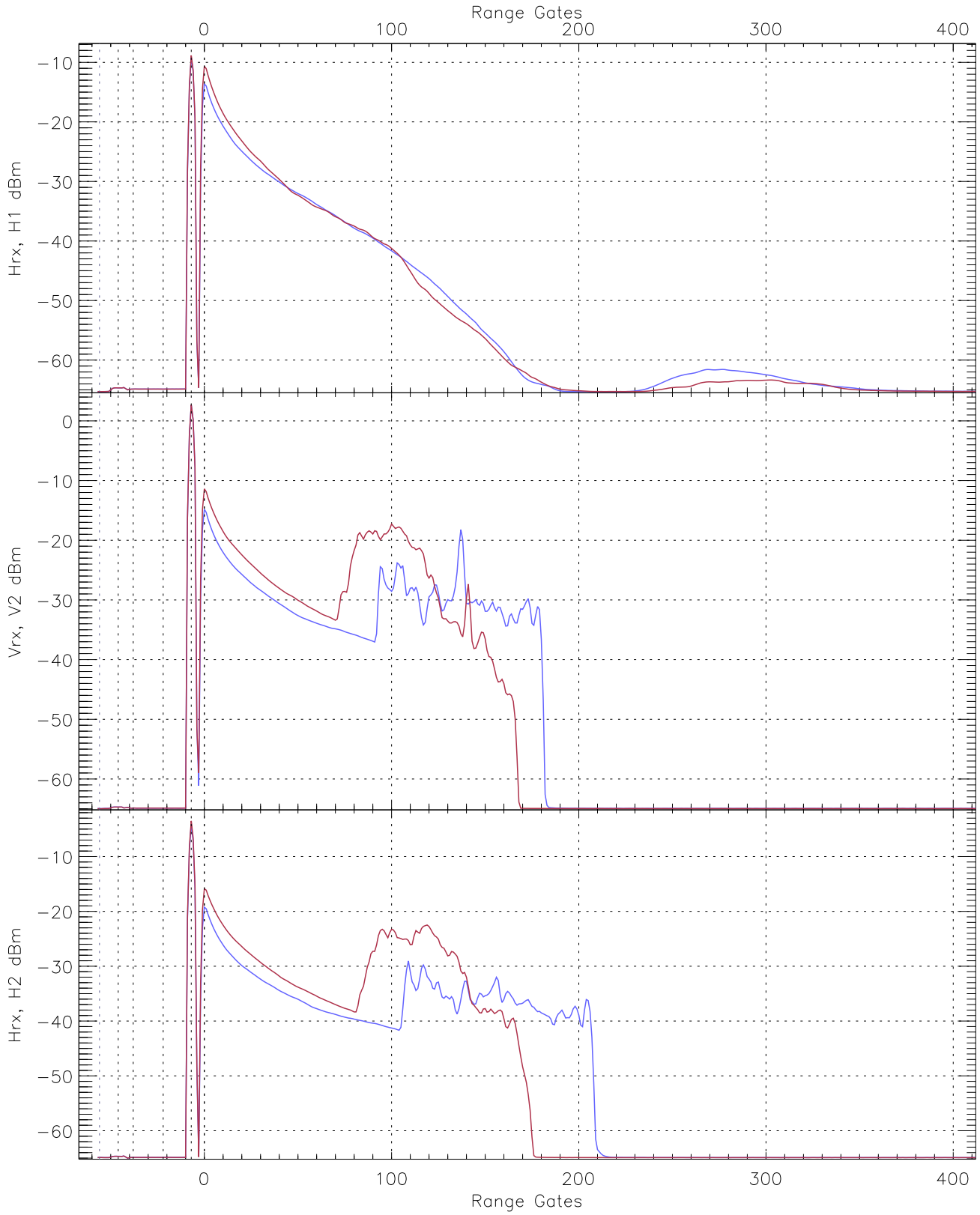
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.44	-64.04	-65.29	-65.30	-76.83
Vrx, V2(RM [dBm])	-66.61	-63.86	-64.97	-64.98	-76.48
Hrx, H2(RM [dBm])	-66.12	-63.67	-64.88	-64.89	-76.40

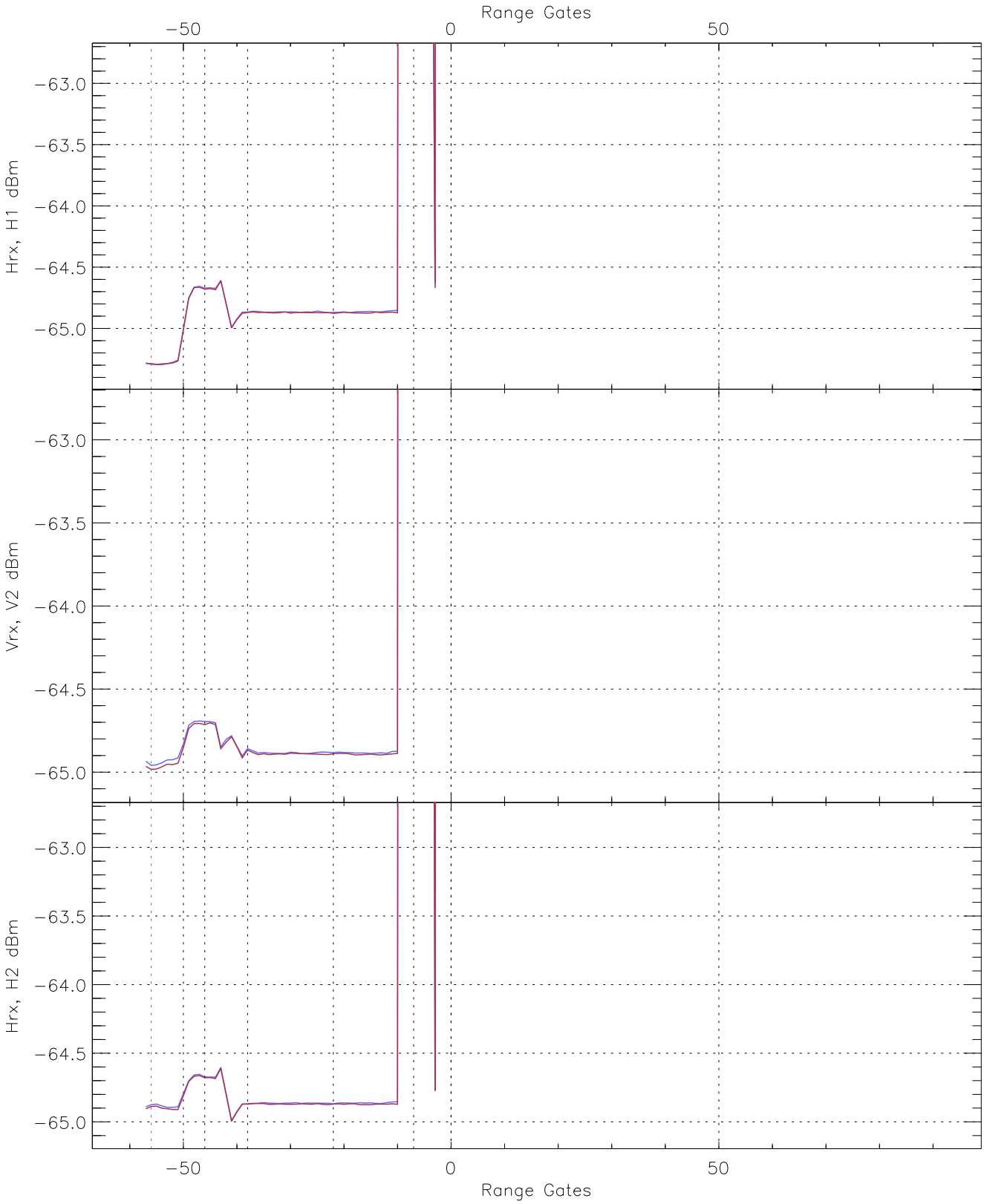


WCR3 CPP "Best" estimate Receivers Noise Power

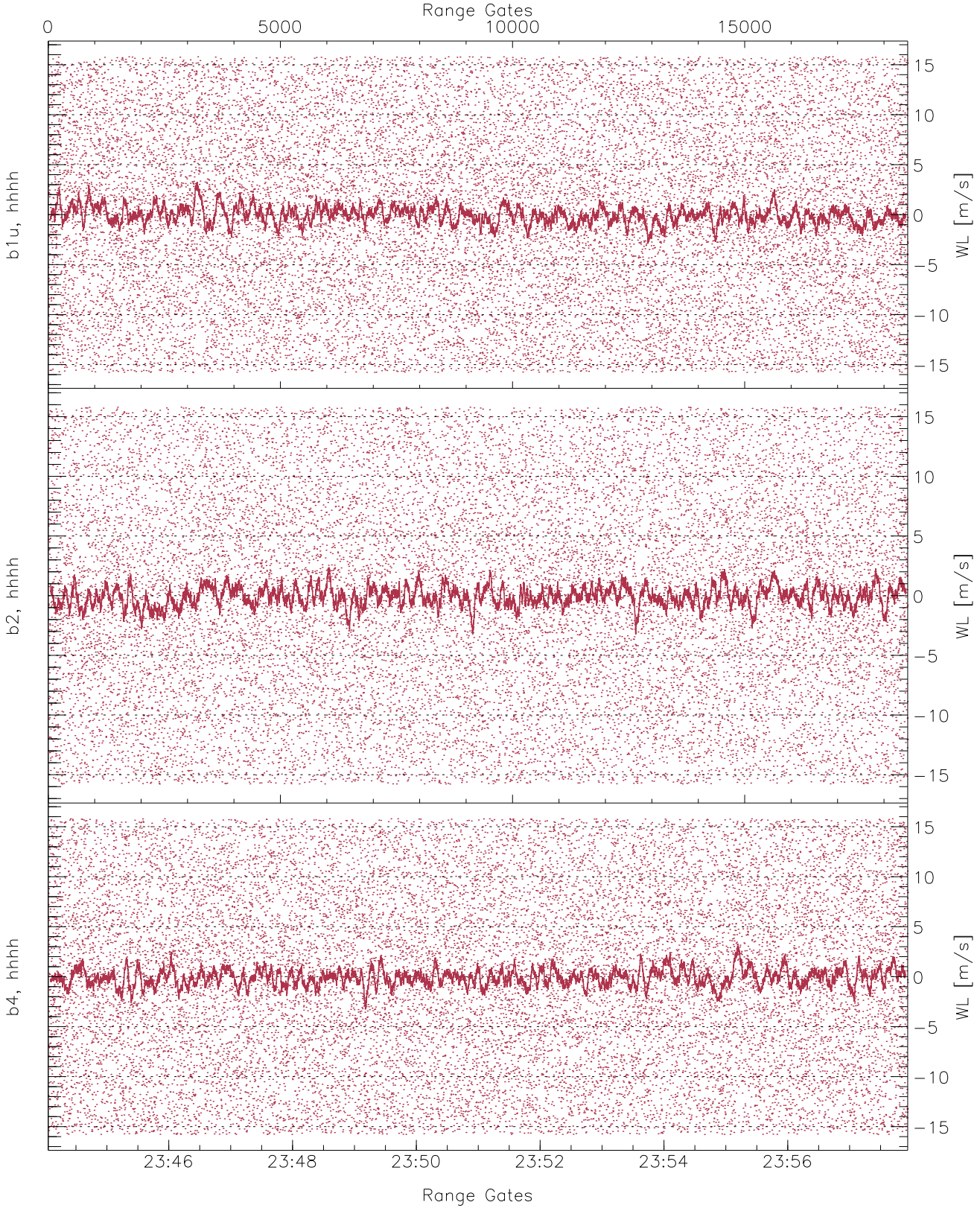
	Min	Max	Mean	Median	StDev
H1RG211_0 [dBm]	-66.52	-64.10	-65.29	-65.30	-76.80
V2RG320_0 [dBm]	-66.22	-63.68	-64.97	-64.98	-76.44
H2RG399_0 [dBm]	-66.21	-63.69	-64.91	-64.91	-76.40



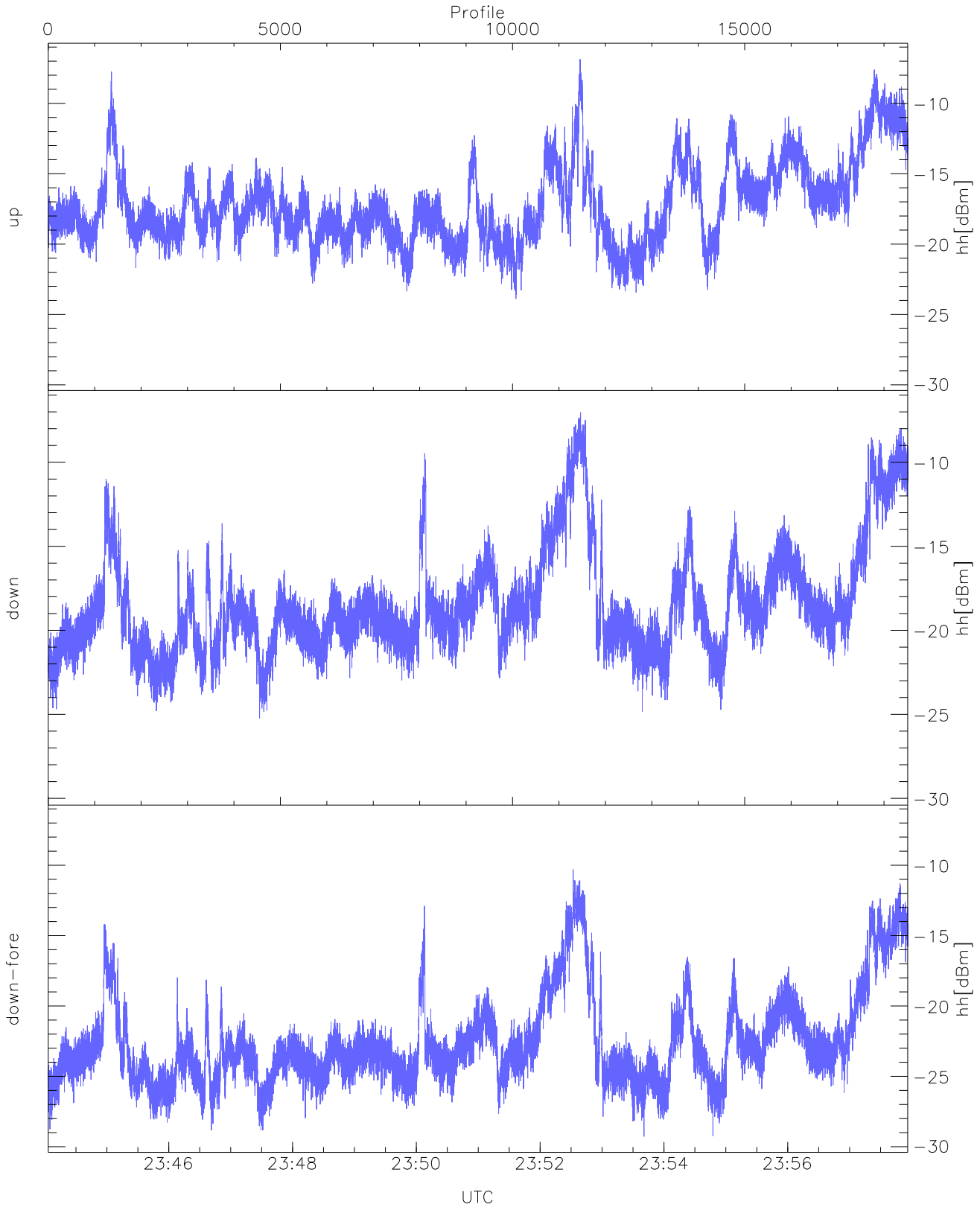
WCR3 CPP Averaged Received power for all recorded gates
blue: 234403-235100, 9257 profiles averaged
red: 235100-235756, 9256 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 234403-235100, 9257 profiles averaged
red: 235100-235756, 9256 profiles averaged

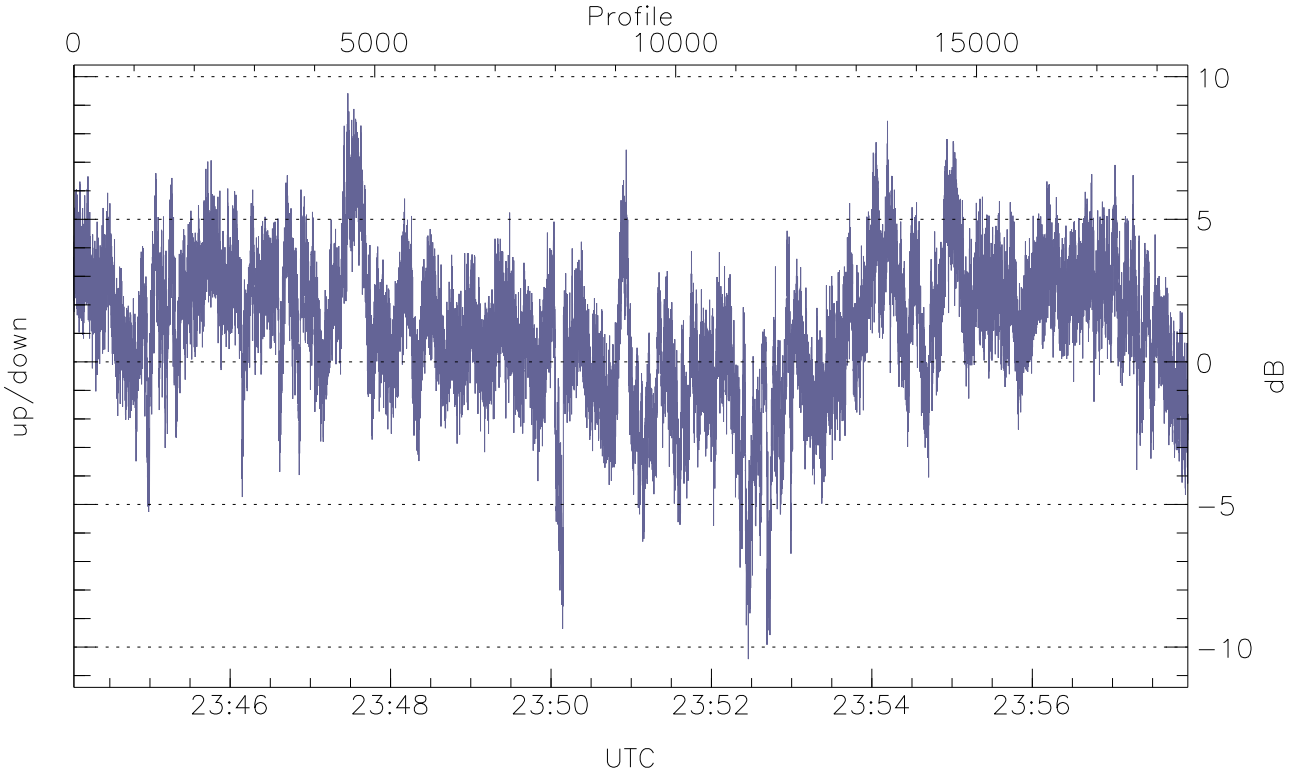


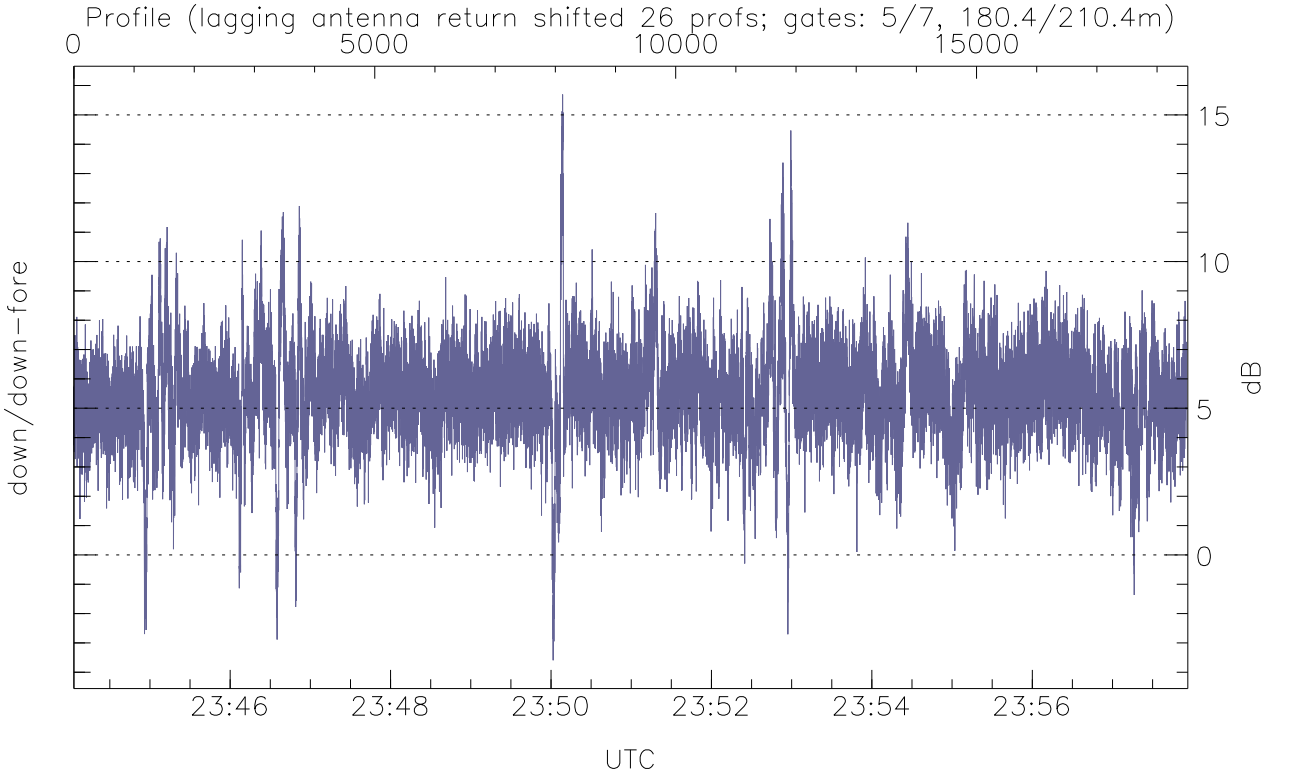
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

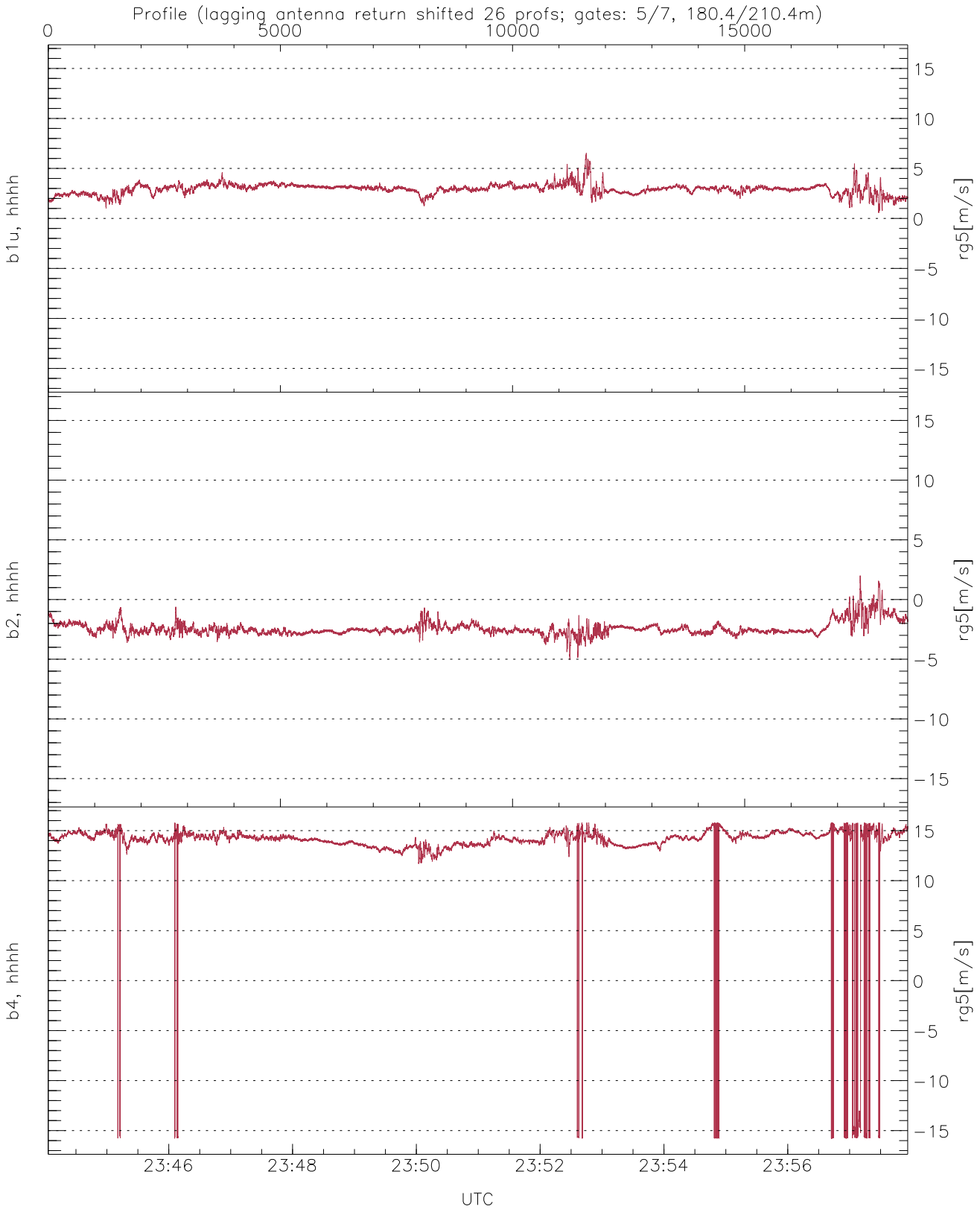
	Min	Max	Mean
up(hh[dBm])	-23.89	-6.85	-16.16
down(hh[dBm])	-25.24	-7.03	-16.87
down-fore(hh[dBm])	-29.28	-10.30	-20.93





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

	Min	Max	Mean
up/down(dB)	-10.42	9.42	1.17
down/down-fore(dB)	-3.59	15.69	5.48



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	0.57	6.54	2.92	0.53
b2, hhhh(rg5[m/s])	-5.04	2.00	-2.43	0.57
b4, hhhh(rg5[m/s])	-15.79	15.79	13.61	4.17