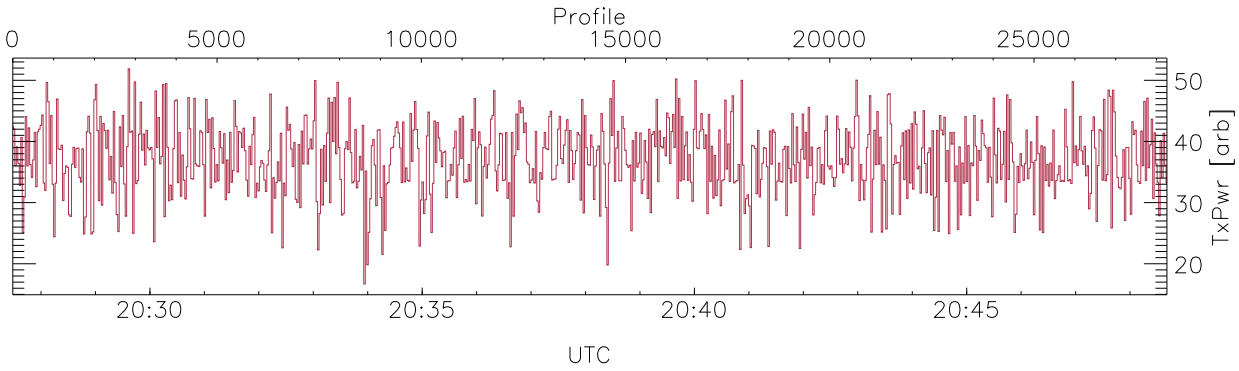
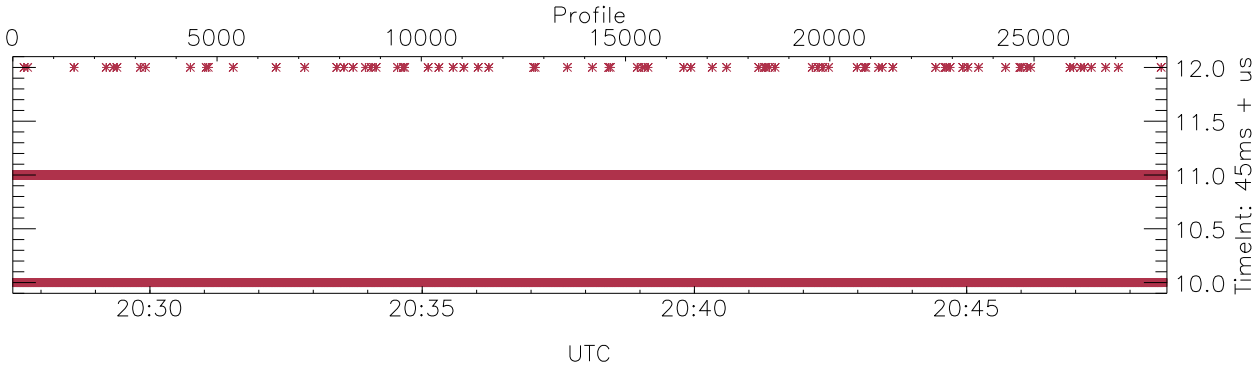
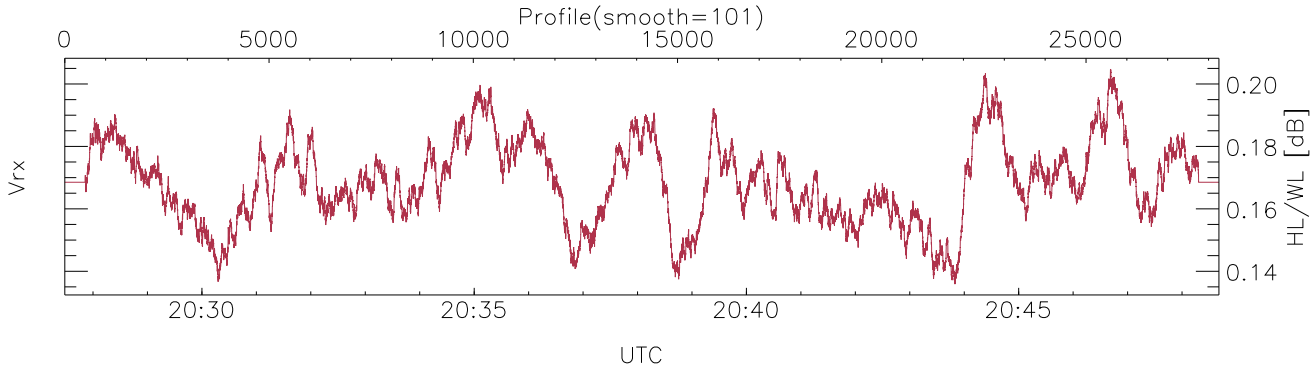
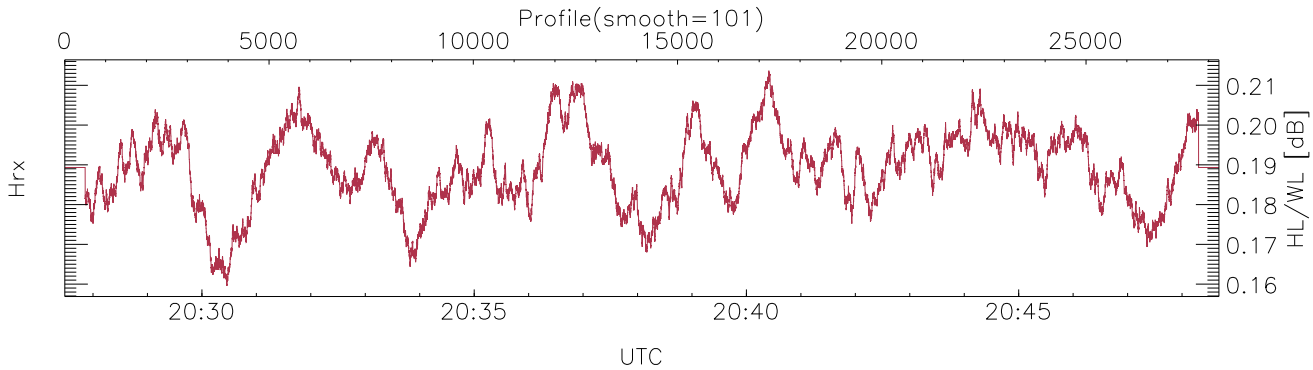


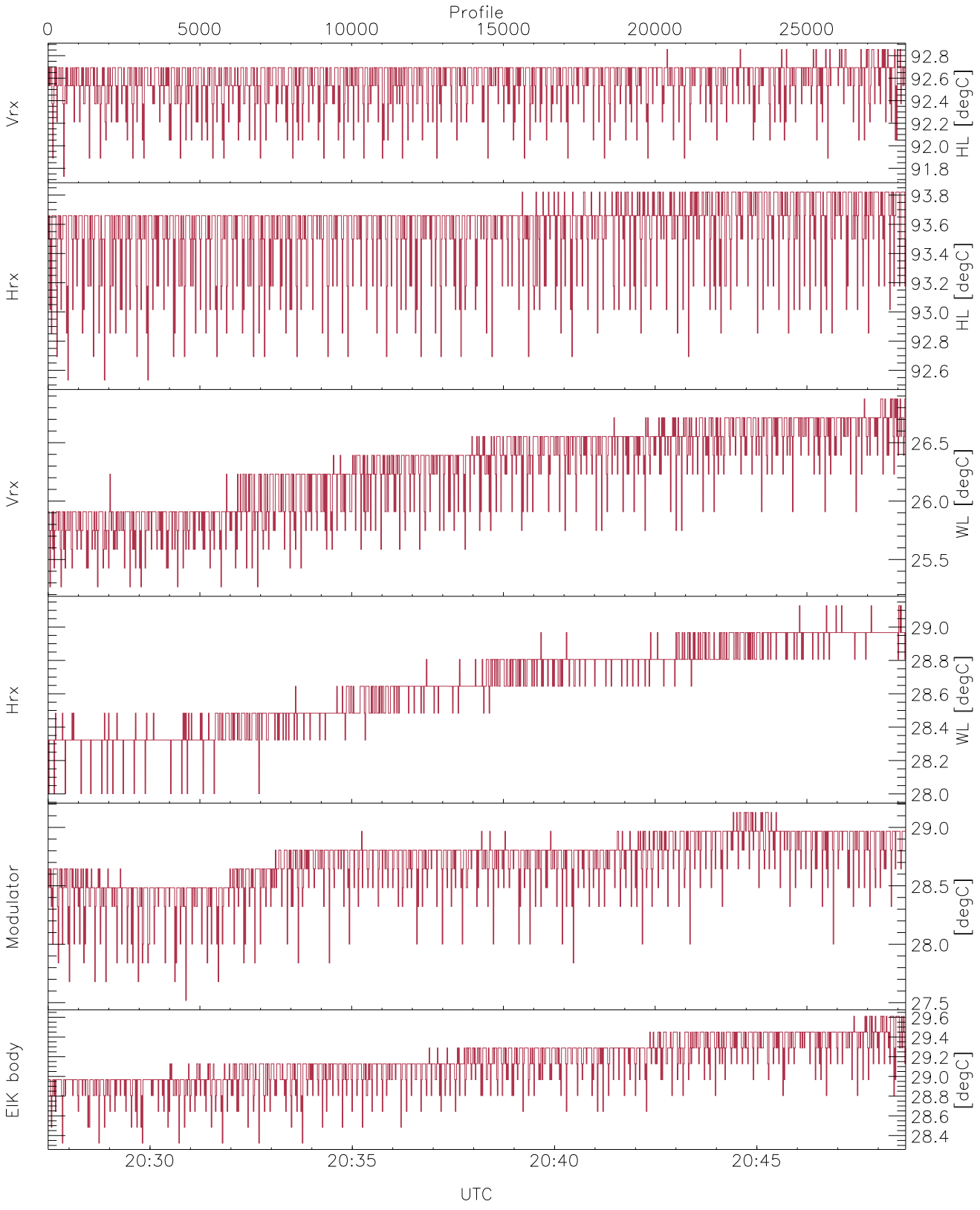






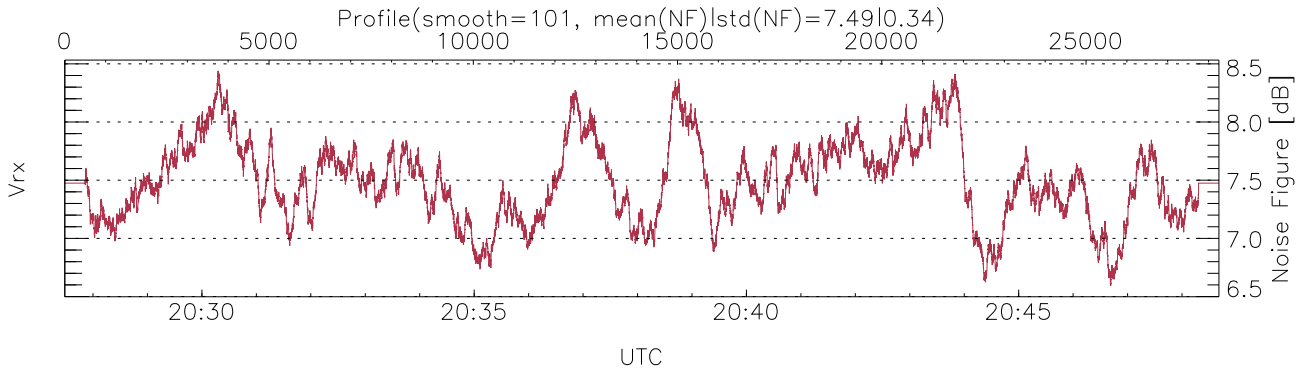
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

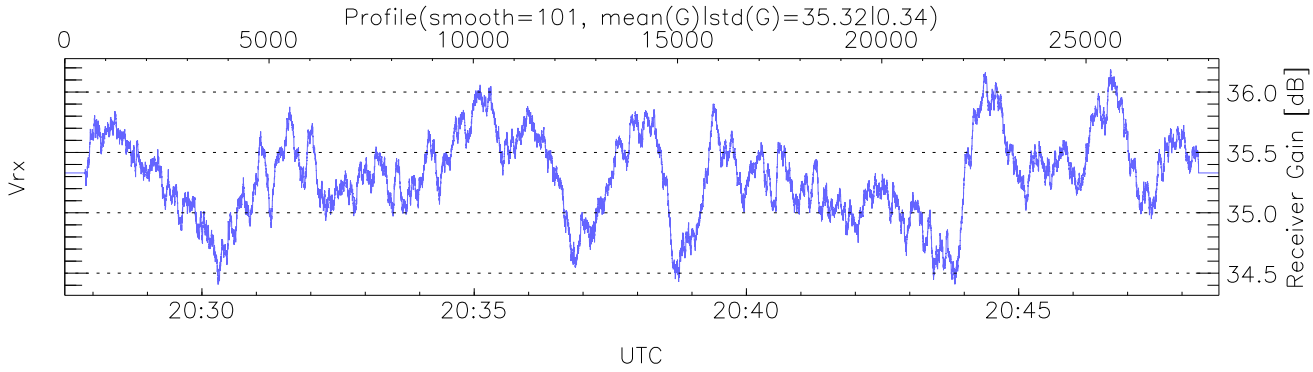
UTC: 20:27:29-20:48:41, TimeCor: 0.00s, Dur: 1271.79s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
NumRec(r/t): 28256/28256, 0-28255/20:27:29-20:48:41
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: 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

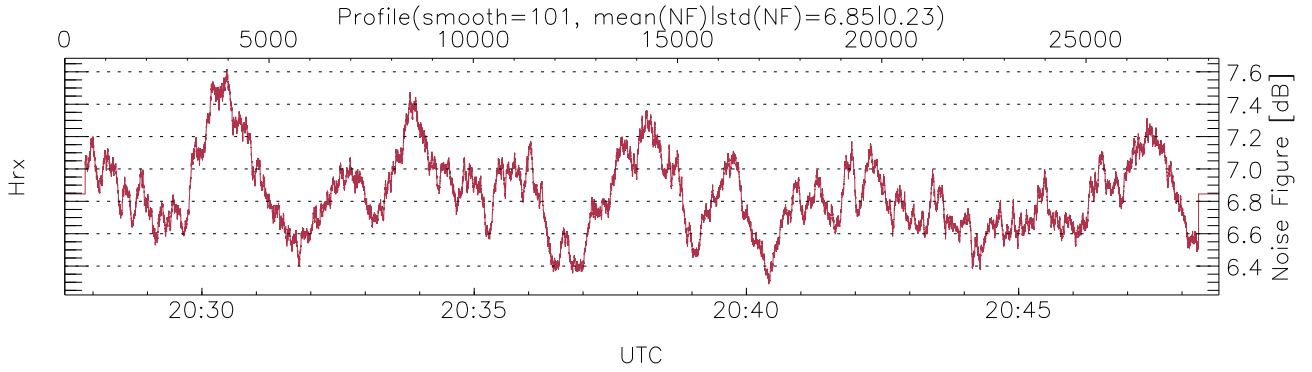


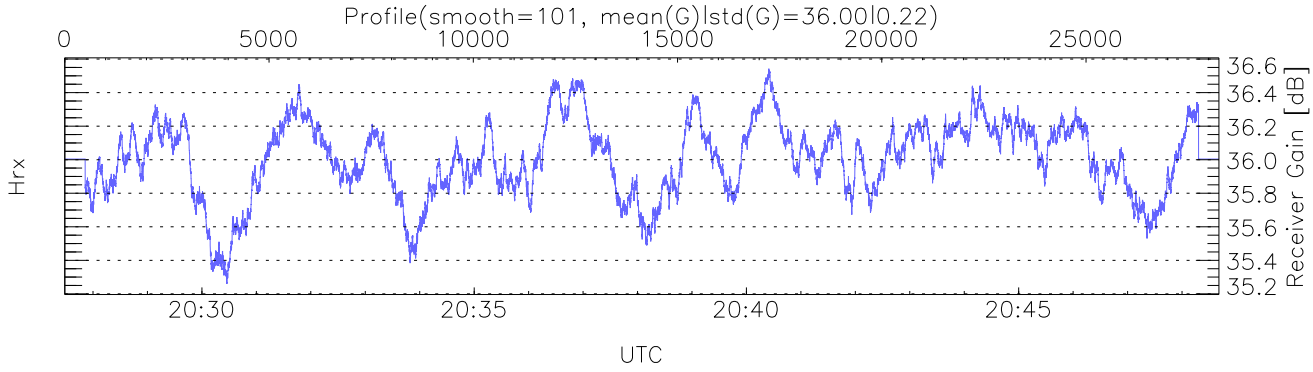
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,25,28,27,28
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,26,29,29,29
LOalarm(20,240,2817,14861 MHz): 0,0,24,0
EIK/Modulator Faults: None



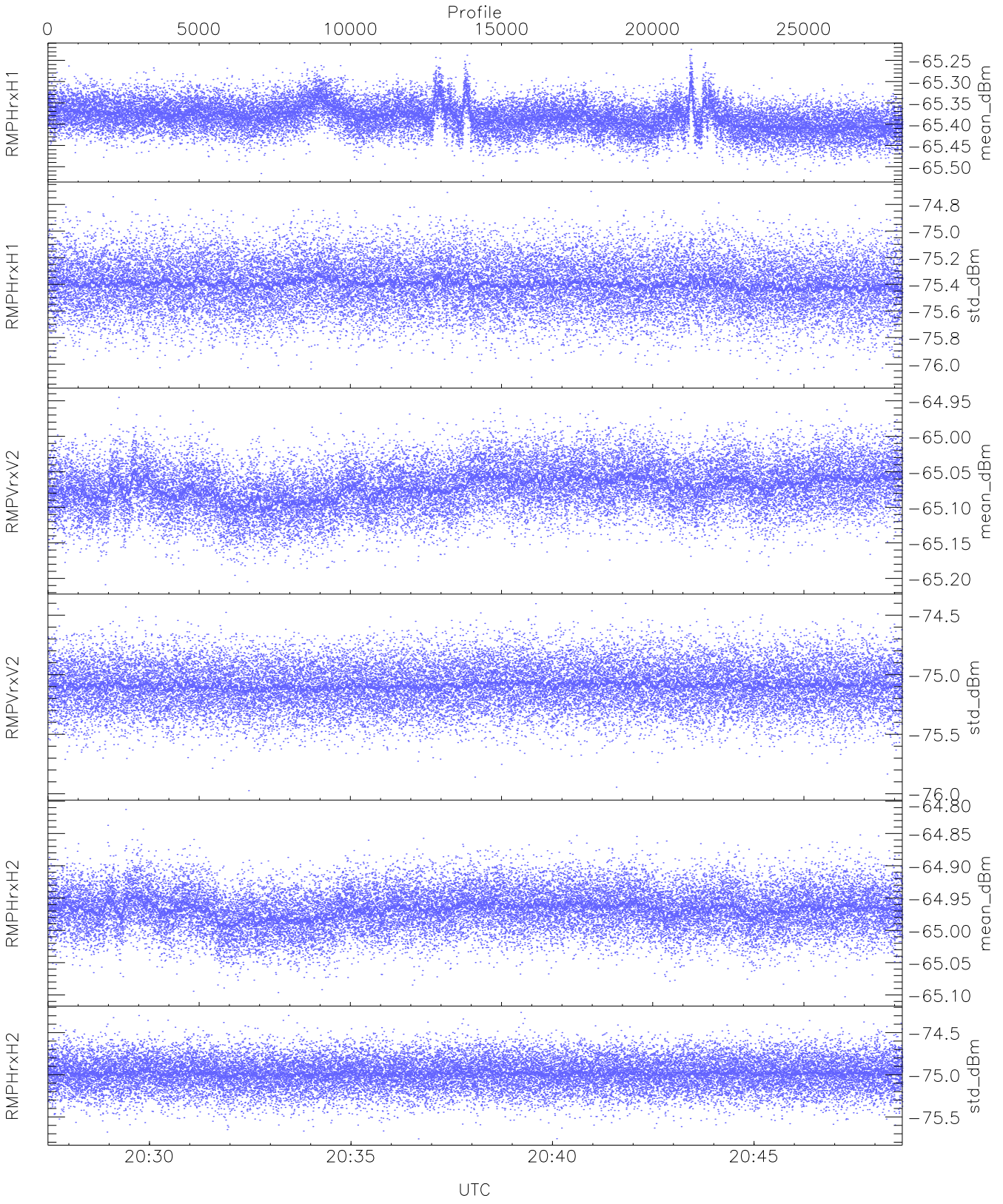






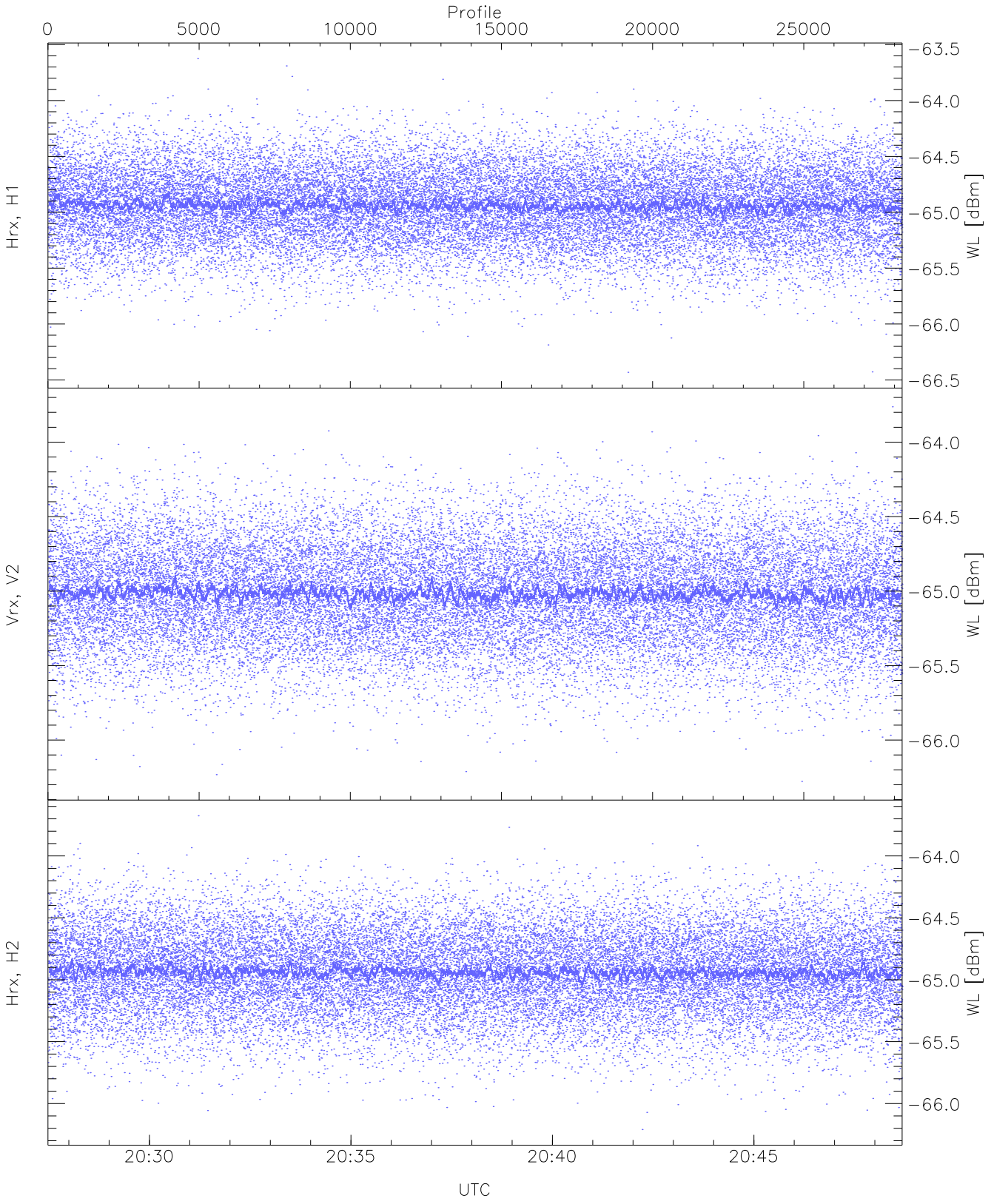
WCR3 CPP Receivers Gain and Noise Figure

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



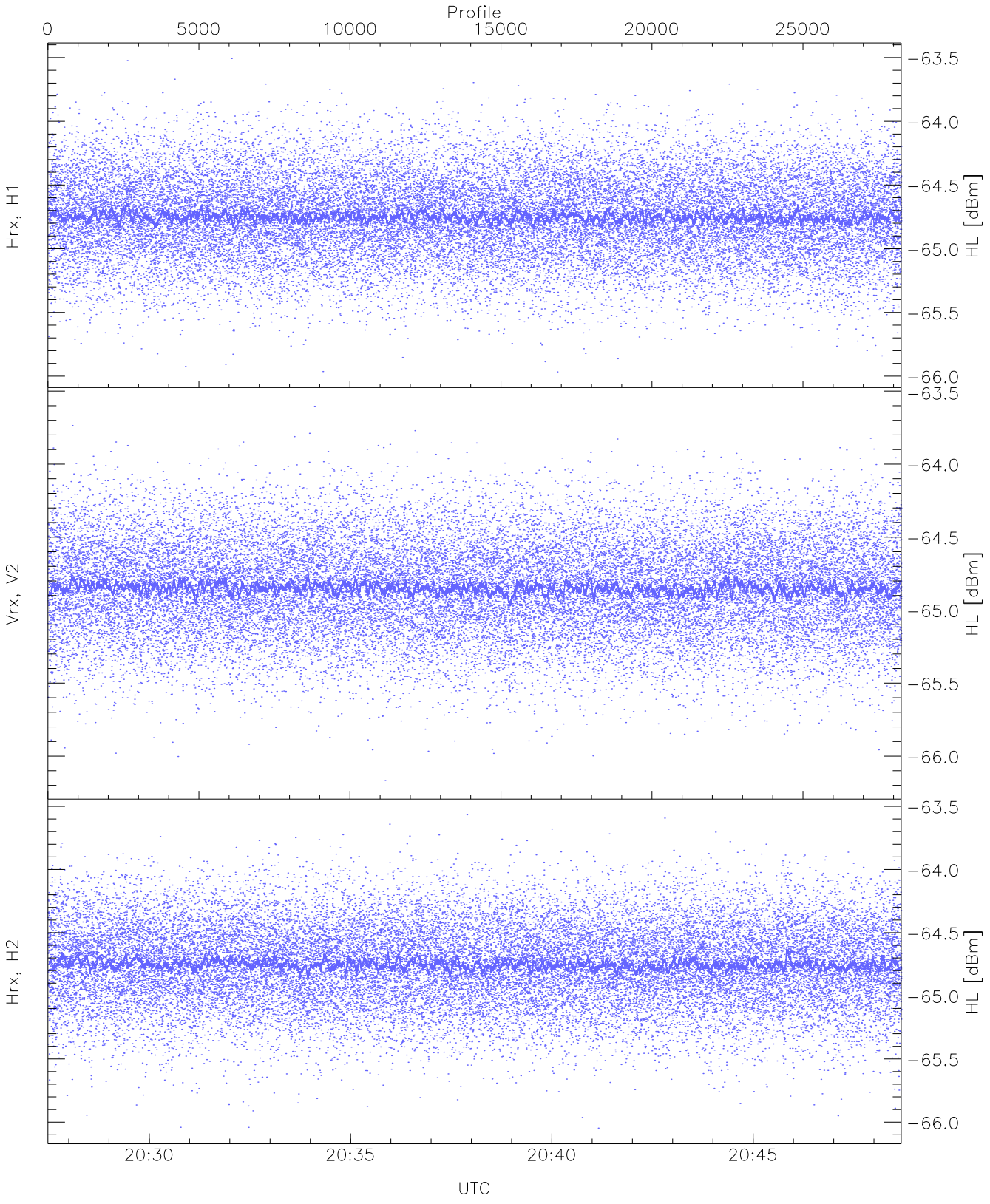
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.52	-65.22	-65.38	-65.38	-86.31
RMPHrxH1(std_dBm)	-76.11	-74.70	-75.40	-75.40	-89.19
RMPVrxV2(mean_dBm)	-65.21	-64.95	-65.07	-65.07	-86.33
RMPVrxV2(std_dBm)	-75.97	-74.40	-75.09	-75.09	-88.86
RMPHrxH2(mean_dBm)	-65.10	-64.81	-64.97	-64.97	-86.37
RMPHrxH2(std_dBm)	-75.76	-74.26	-74.98	-74.98	-88.77



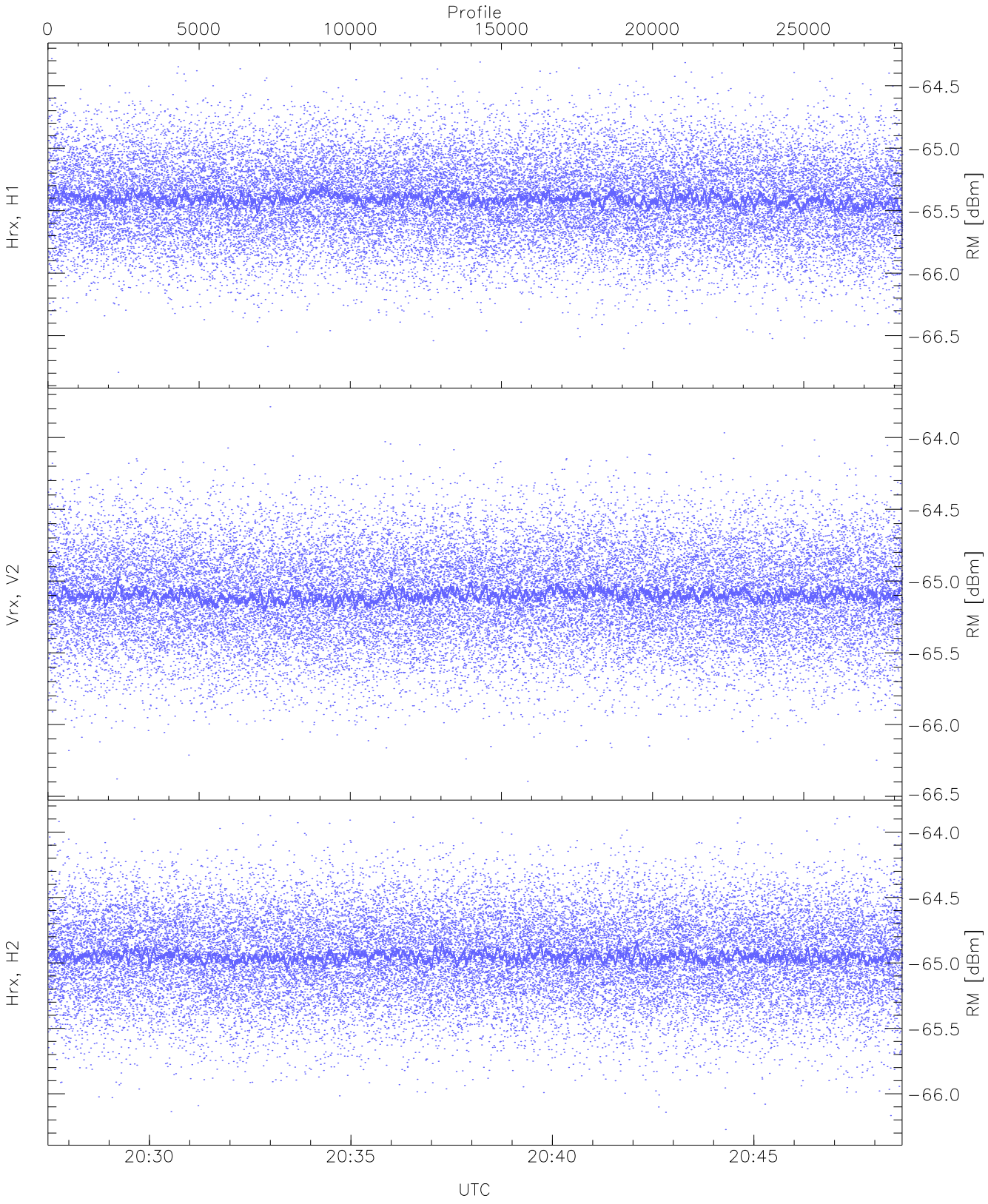
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.43	-63.63	-64.93	-64.94	-76.46
Vrx, V2(WL [dBm])	-66.28	-63.76	-65.01	-65.02	-76.54
Hrx, H2(WL [dBm])	-66.21	-63.68	-64.93	-64.94	-76.45



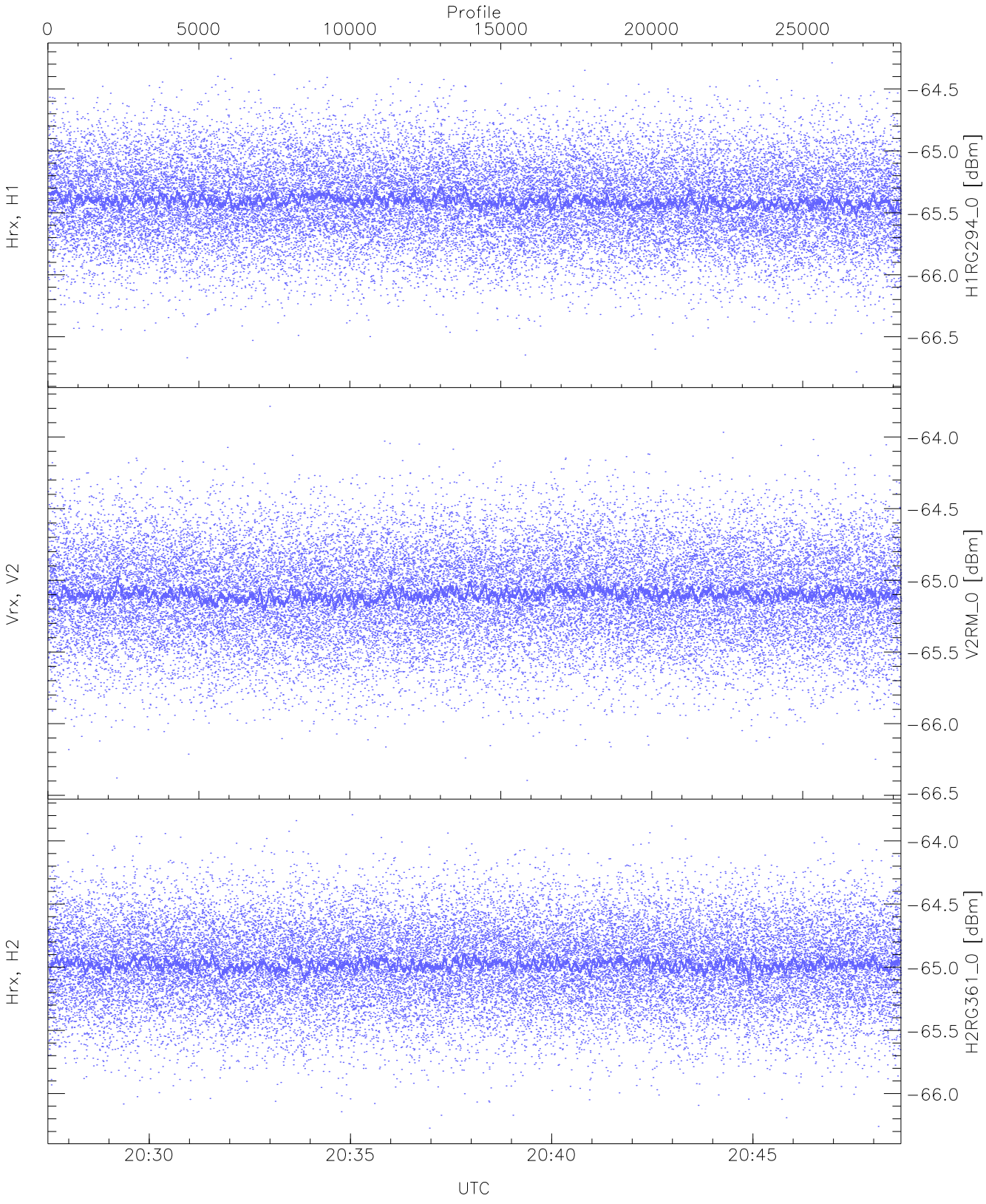
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.97	-63.51	-64.74	-64.75	-76.23
Vrx, V2(HL [dBm])	-66.17	-63.60	-64.84	-64.85	-76.37
Hrx, H2(HL [dBm])	-66.05	-63.57	-64.74	-64.75	-76.24



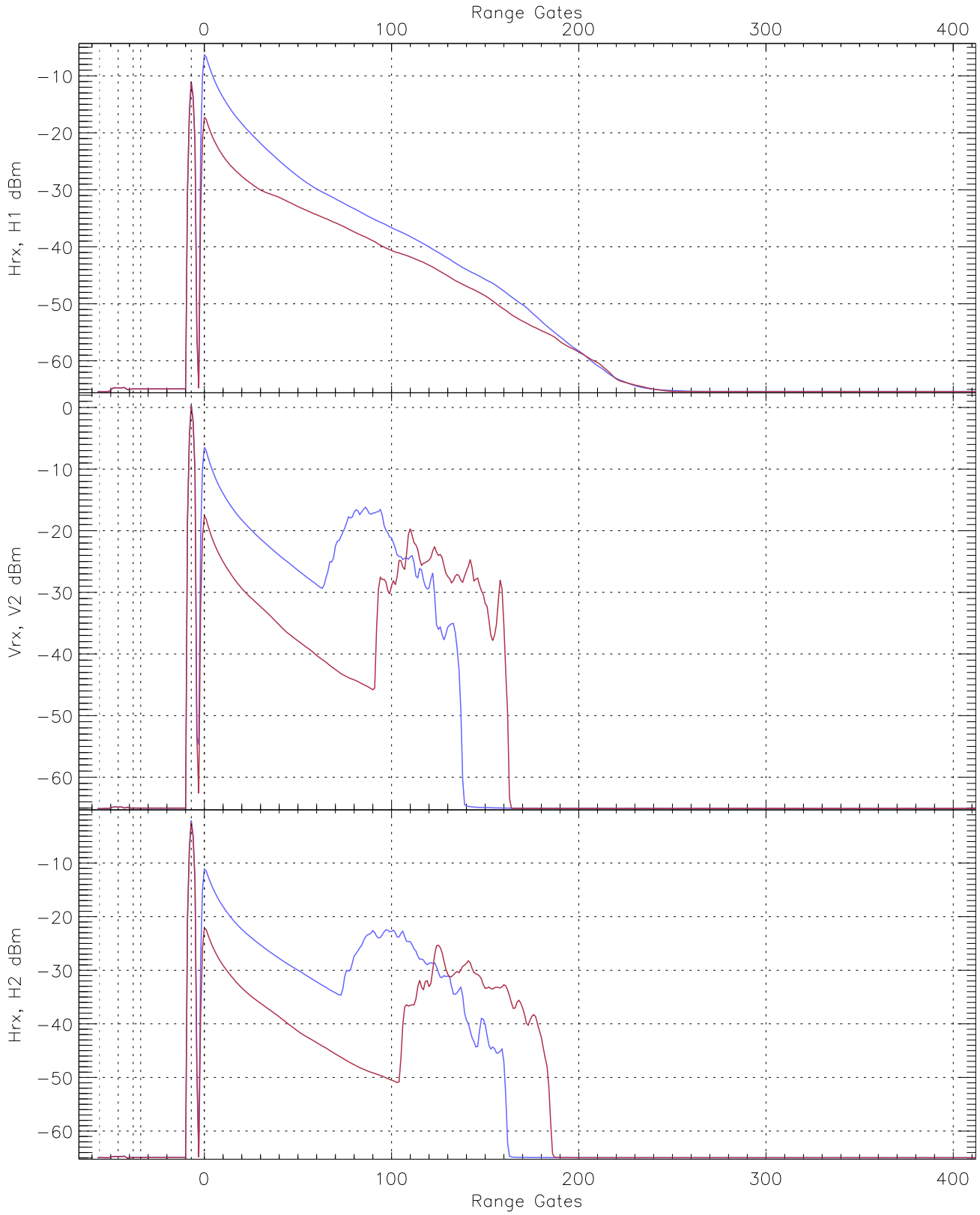
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.79	-64.28	-65.40	-65.41	-76.89
Vrx, V2(RM [dBm])	-66.40	-63.79	-65.09	-65.10	-76.61
Hrx, H2(RM [dBm])	-66.27	-63.88	-64.94	-64.95	-76.44

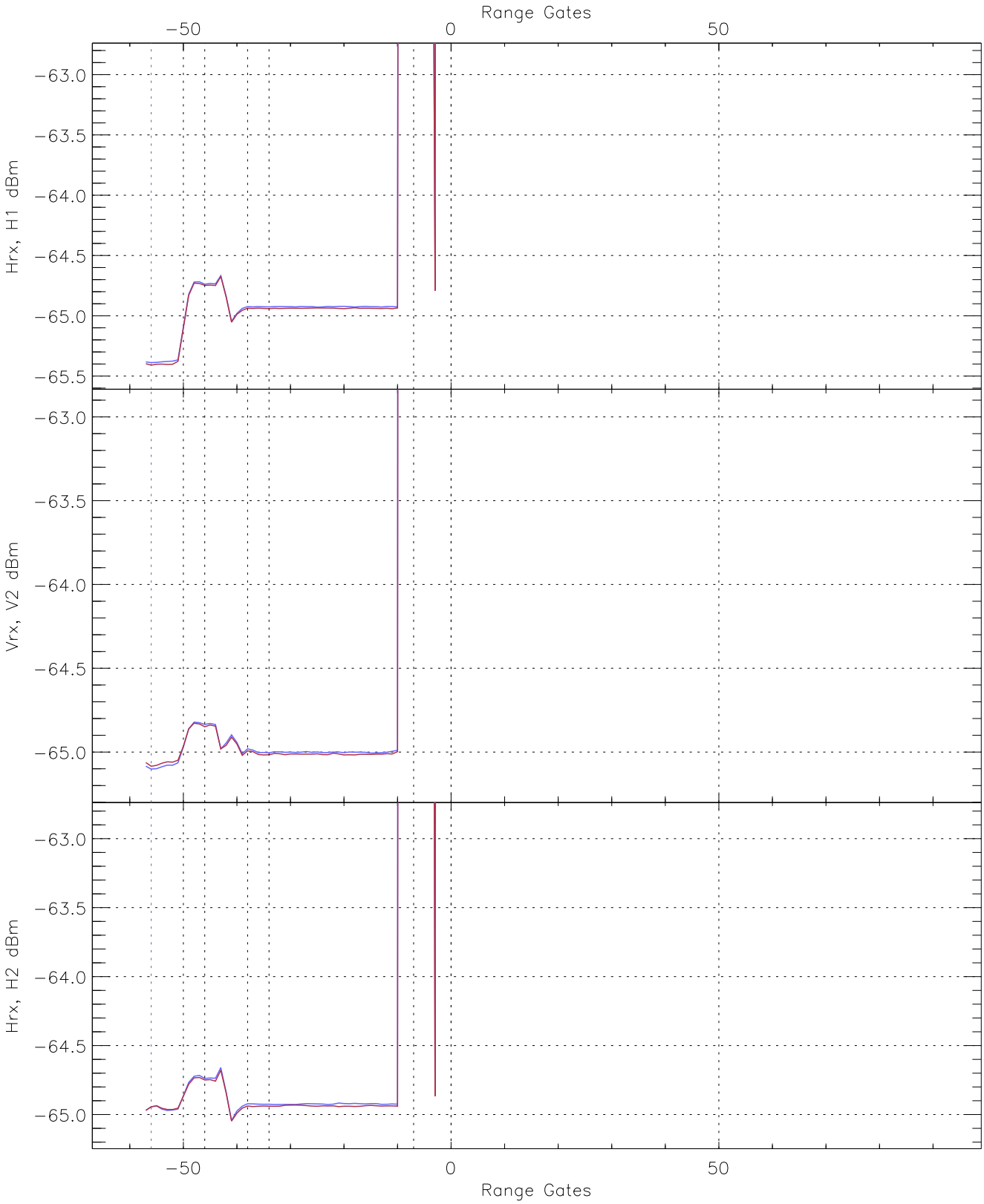


WCR3 CPP "Best" estimate Receivers Noise Power

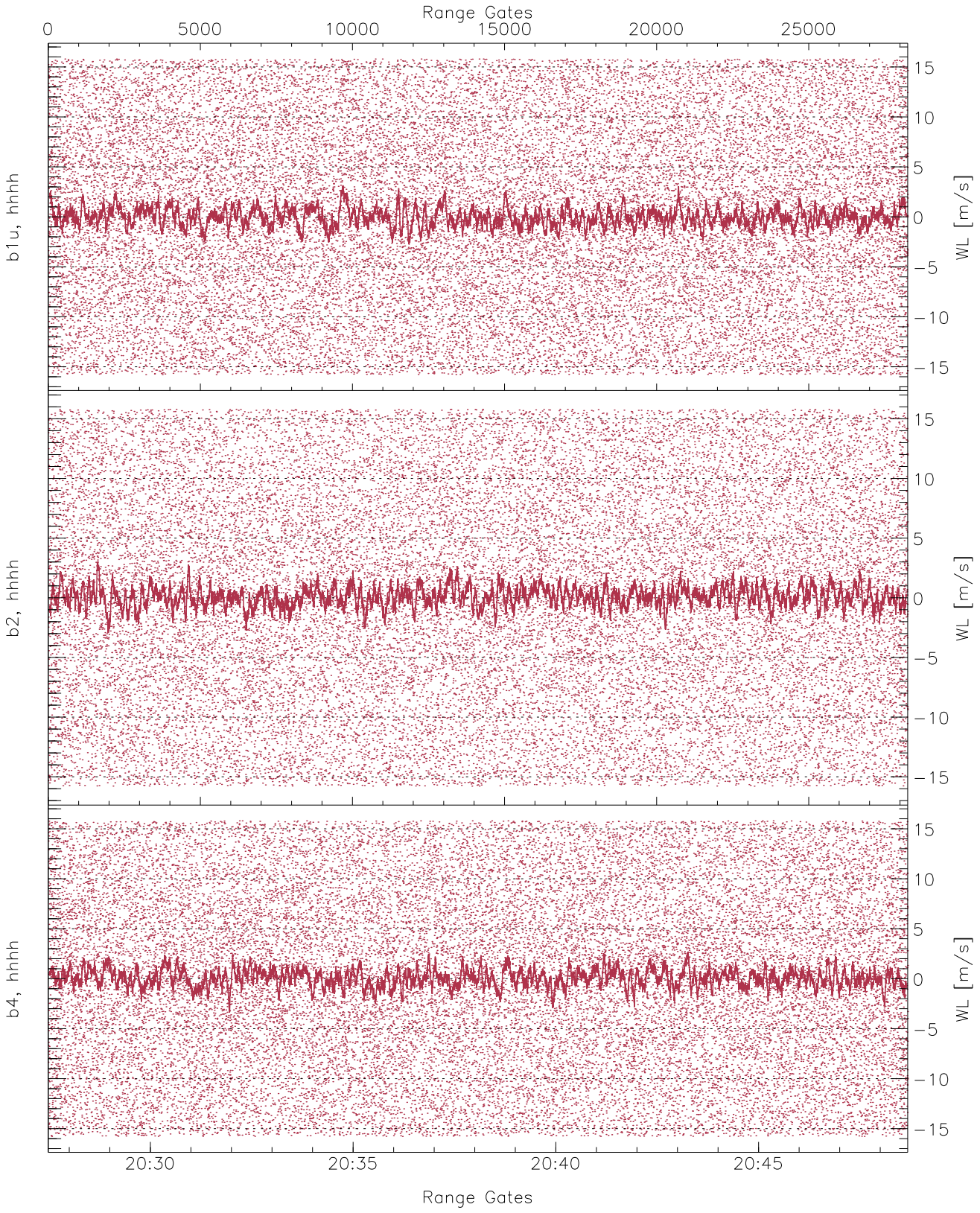
	Min	Max	Mean	Median	StDev
H1RG294_0 [dBm]	-66.78	-64.26	-65.40	-65.41	-76.87
V2RM_0 [dBm]	-66.40	-63.79	-65.09	-65.10	-76.61
H2RG361_0 [dBm]	-66.27	-63.79	-64.97	-64.98	-76.44



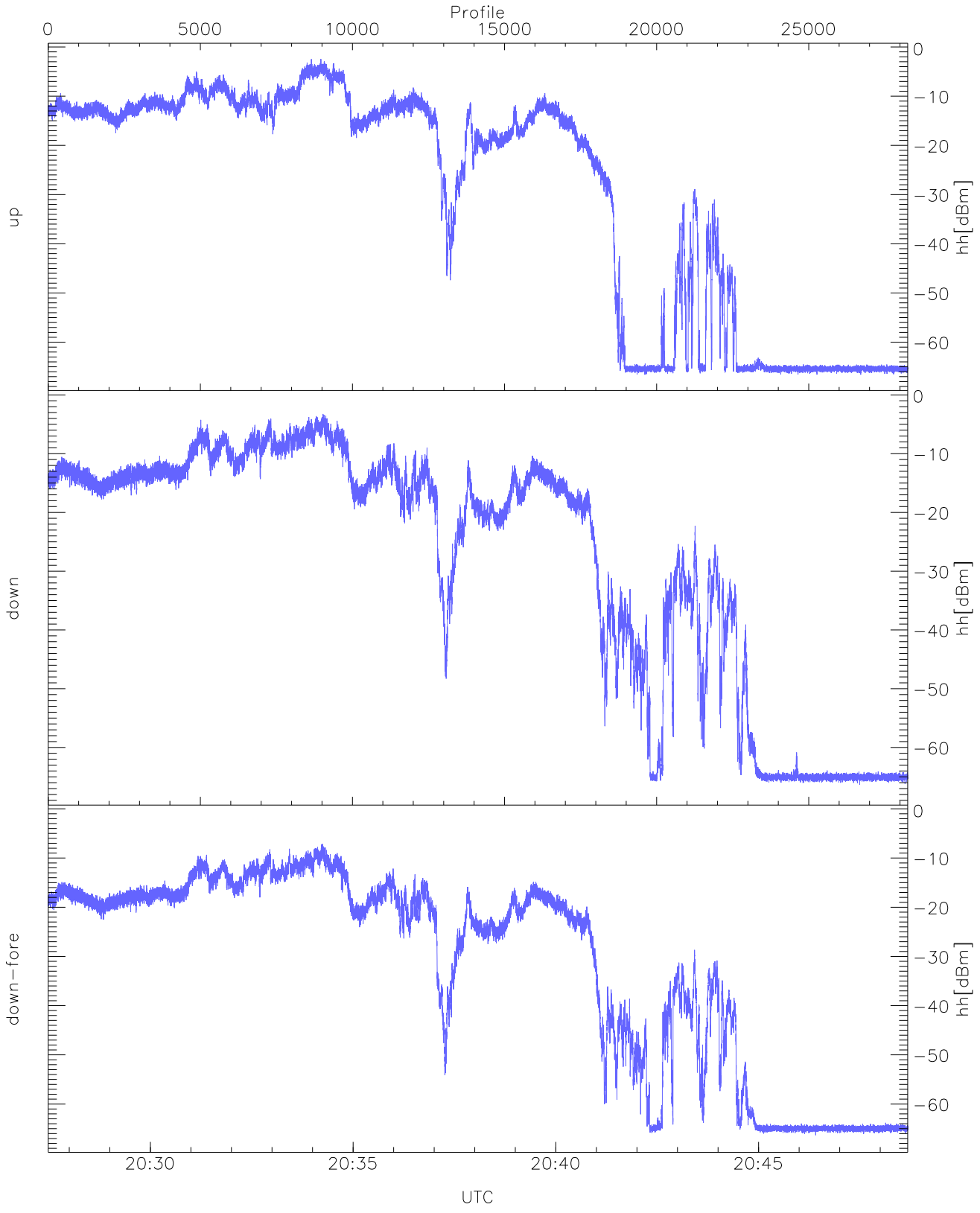
WCR3 CPP Averaged Received power for all recorded gates
blue: 202729-203805, 14129 profiles averaged
red: 203805-204841, 14128 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 202729-203805, 14129 profiles averaged
red: 203805-204841, 14128 profiles averaged

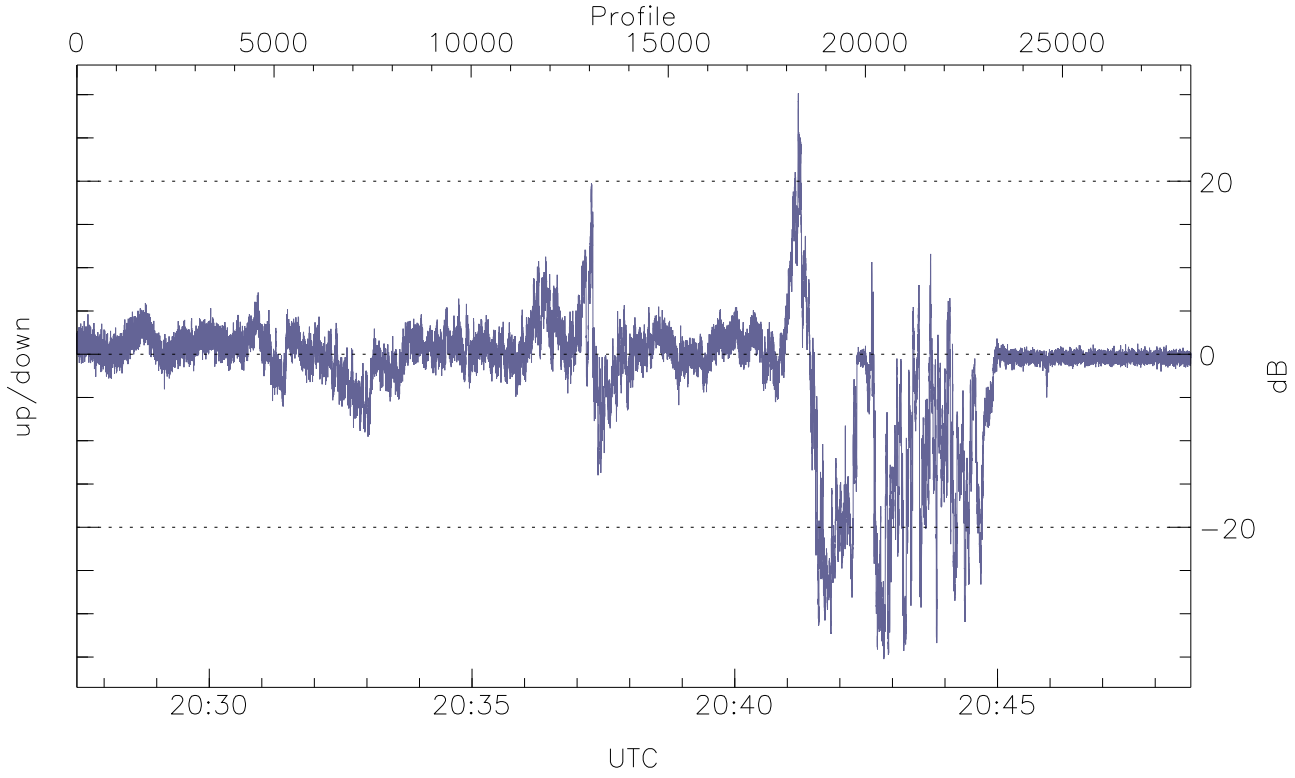


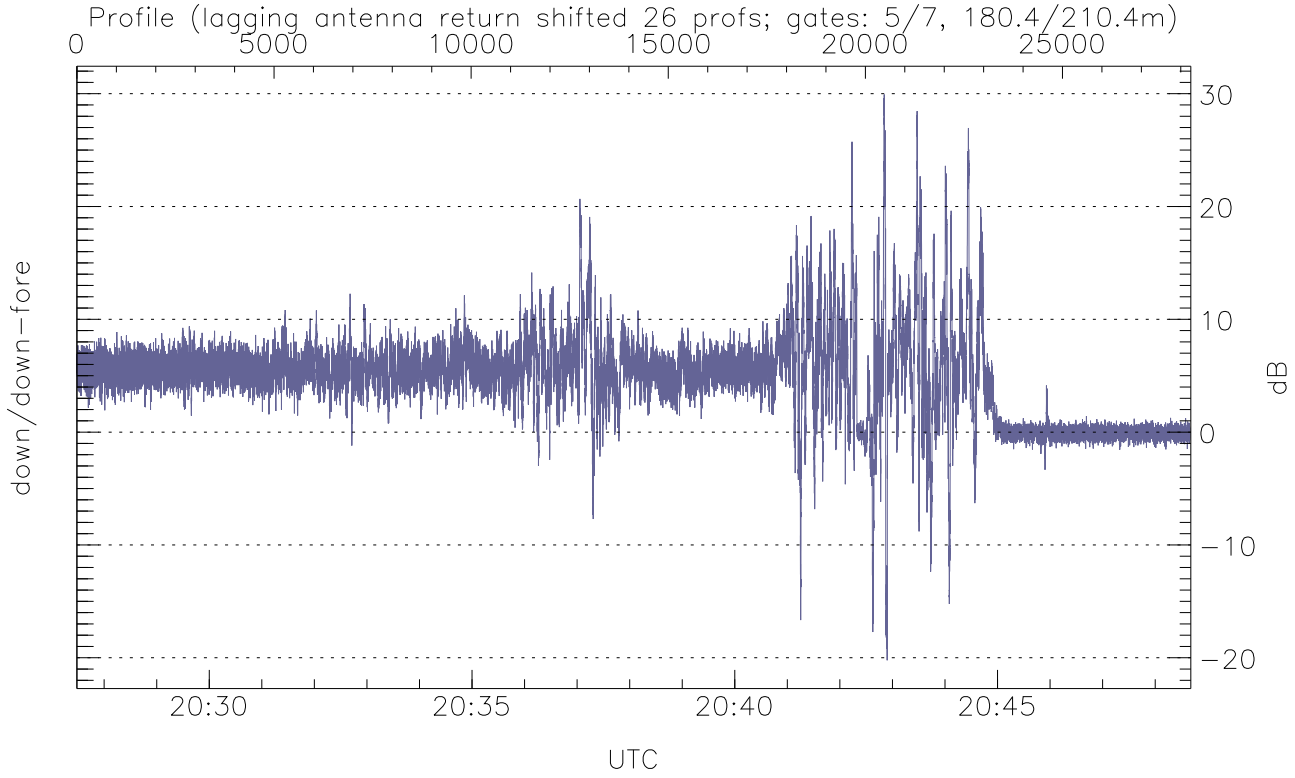
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

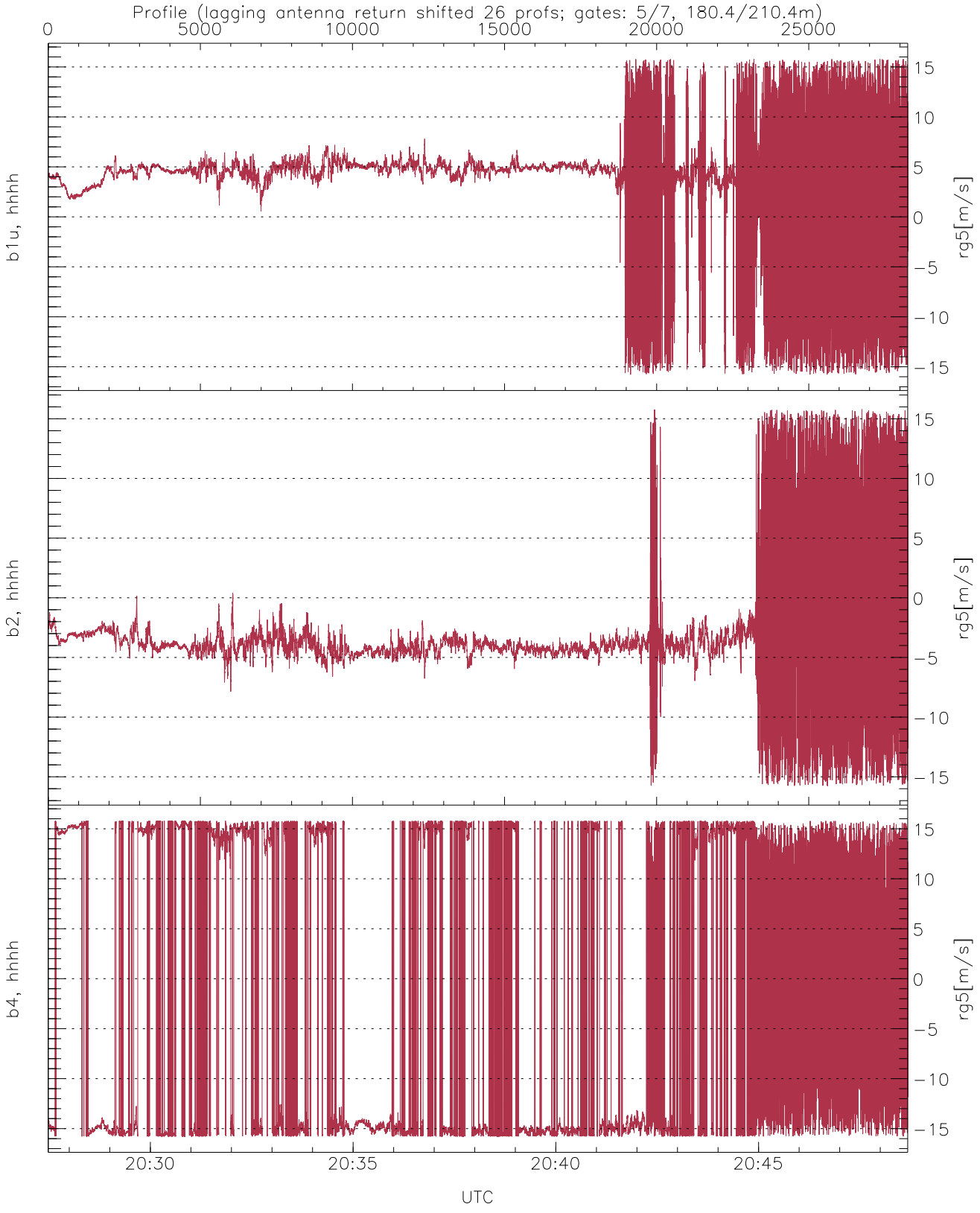
	Min	Max	Mean
up(hh[dBm])	-66.60	-2.45	-13.11
down(hh[dBm])	-66.32	-3.24	-13.43
down-fore(hh[dBm])	-66.32	-7.15	-17.69





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

	Min	Max	Mean
up/down(dB)	-35.24	30.16	-1.74
down/down-fore(dB)	-20.22	29.93	4.79



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	3.39	4.85
b2, hhhh(rg5[m/s])	-15.78	15.79	-3.18	3.91
b4, hhhh(rg5[m/s])	-15.79	15.79	-2.16	13.97