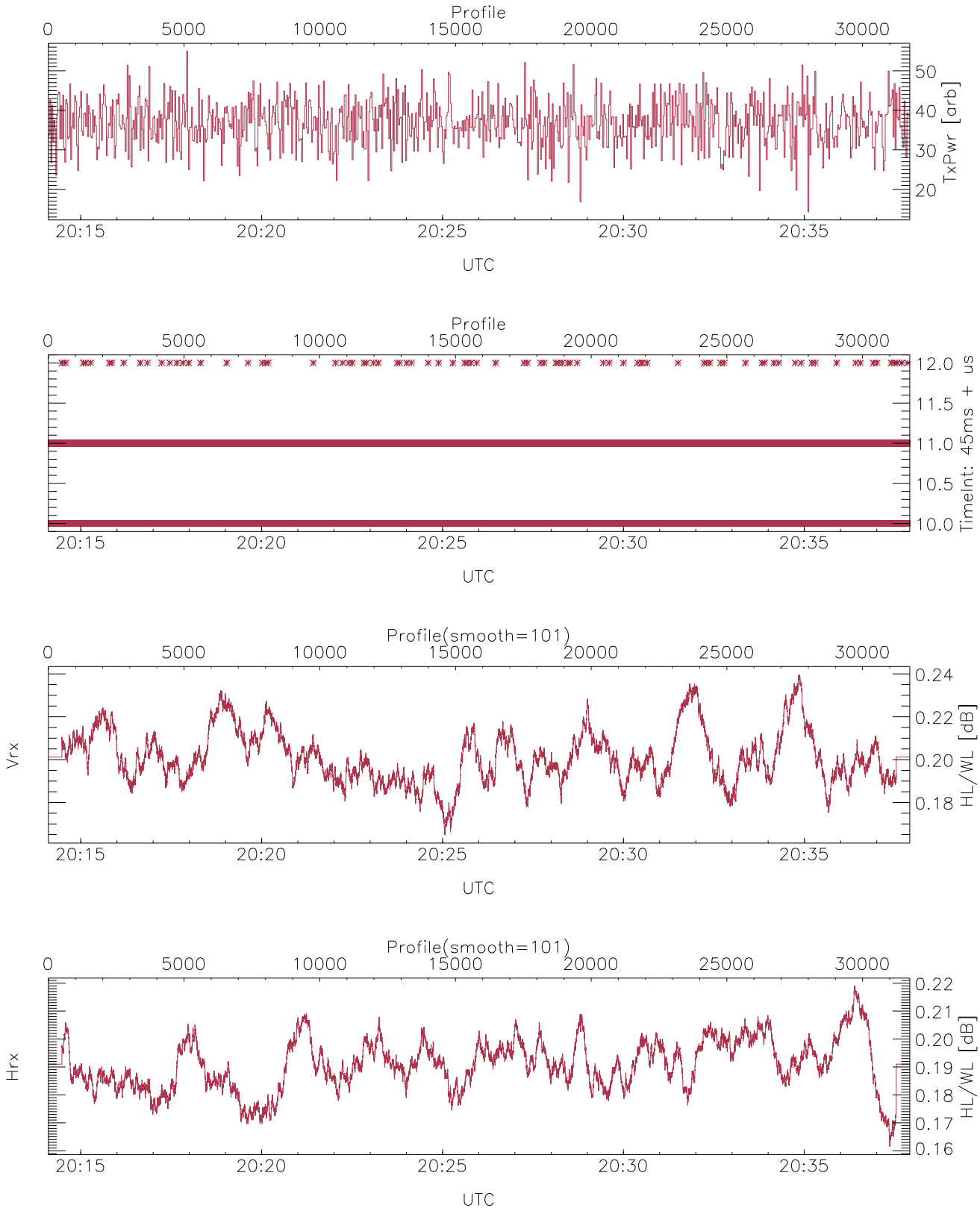
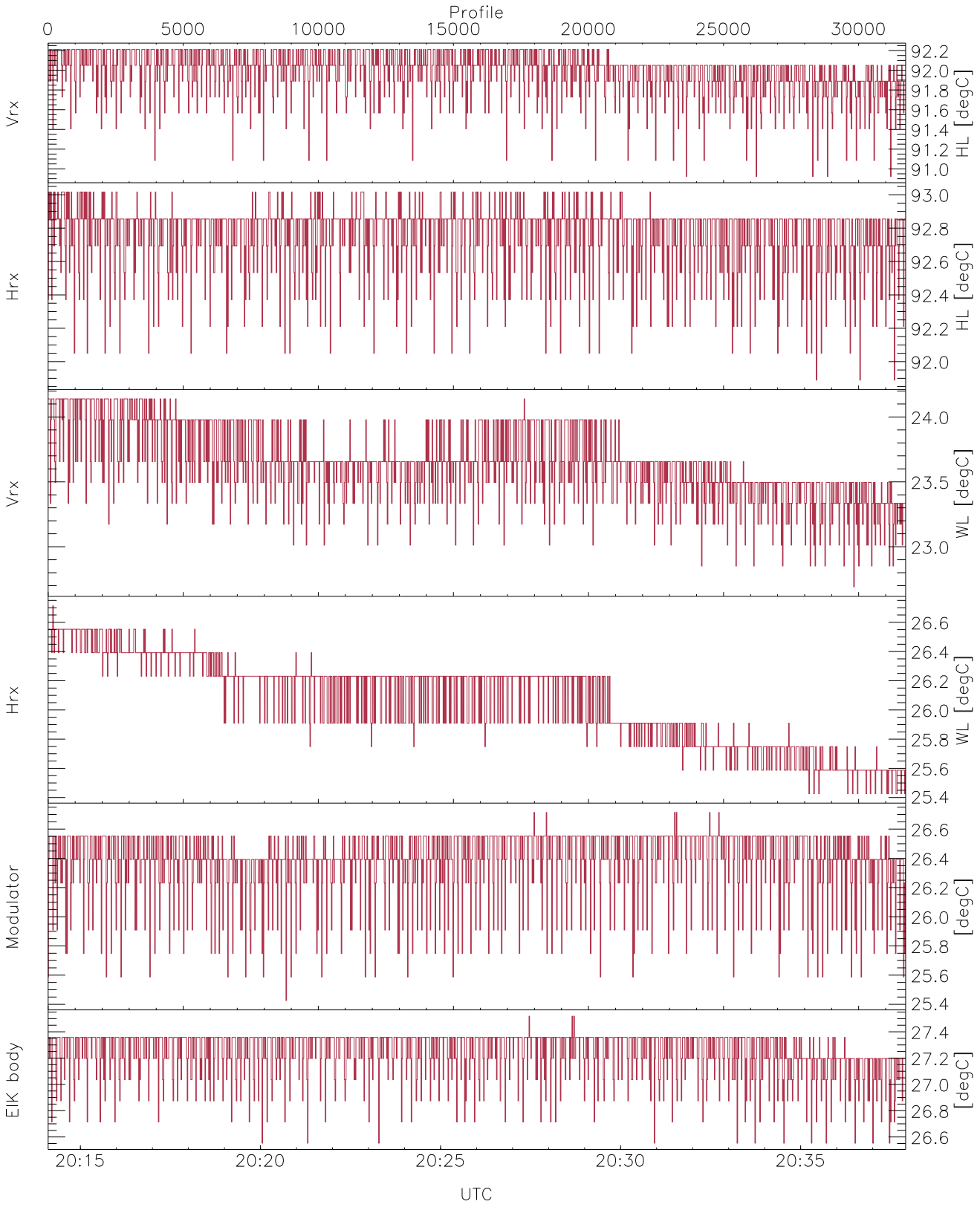


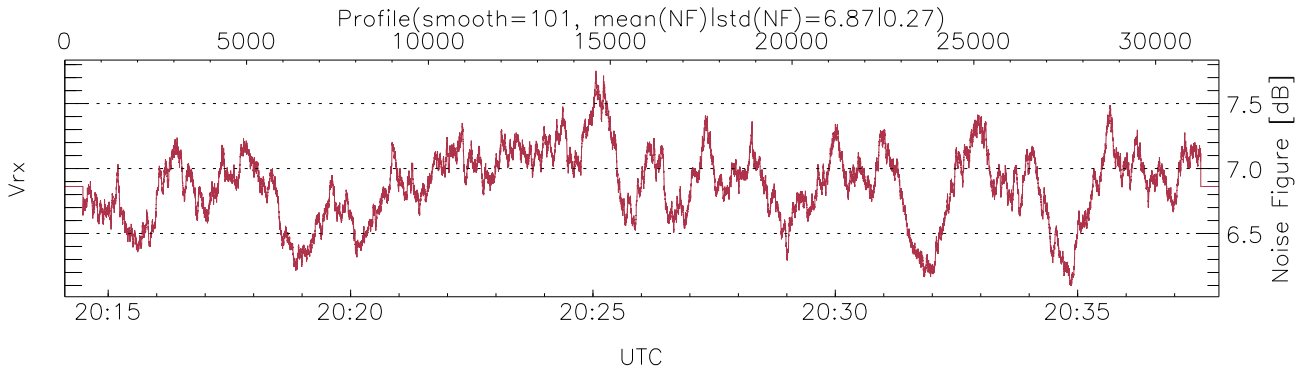
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

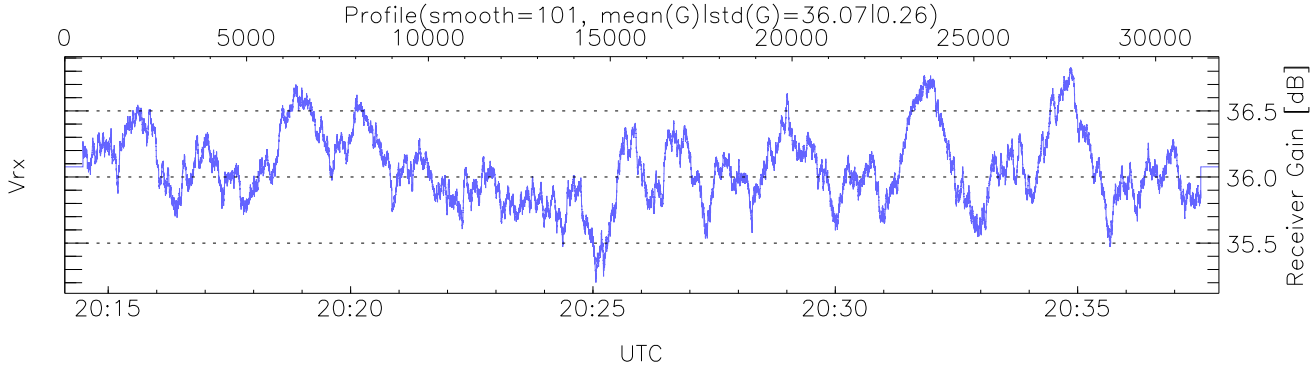
UTC: 20:14:06-20:37:55, TimeCor: 0.00s, Dur: 1428.66s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
NumRec(r/t): 31741/31741, 0-31740/20:14:06-20:37:55
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: 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

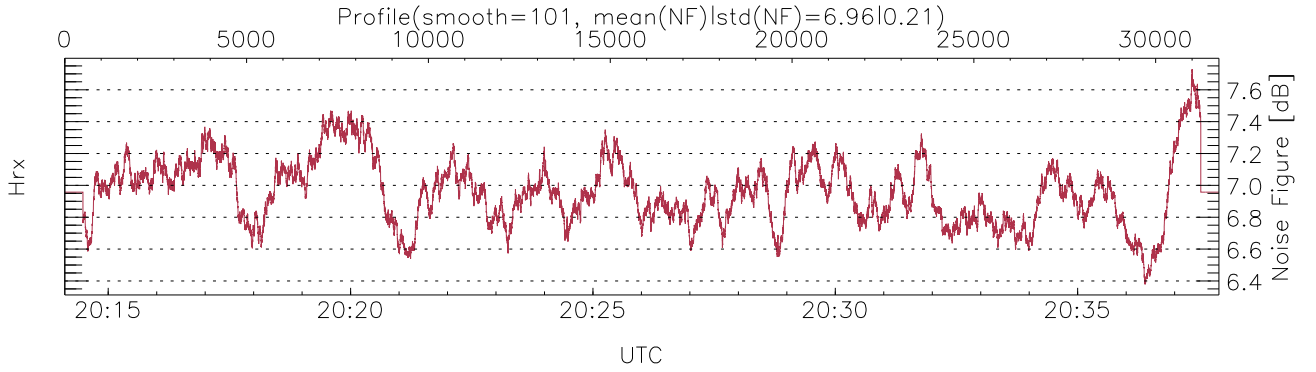


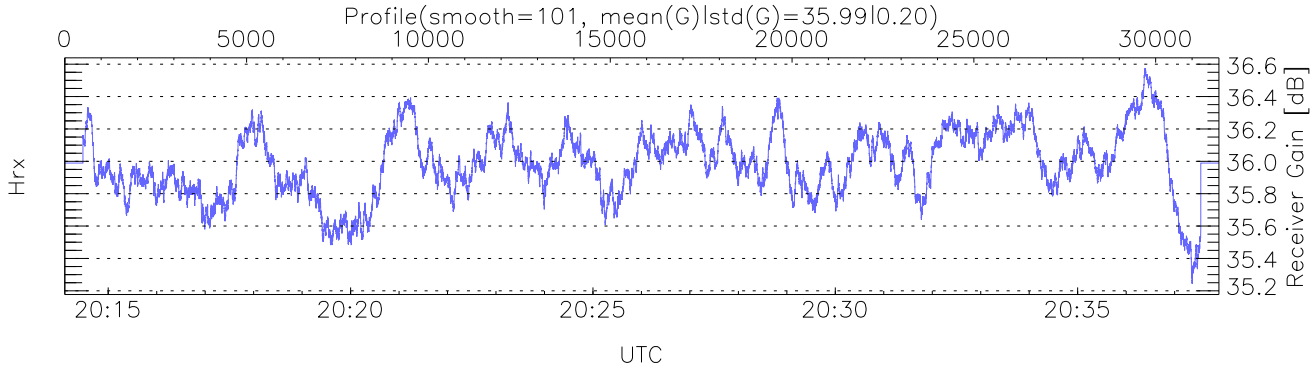
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,22,25,25,26
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,24,26,26,27
LOalarm(20,240,2817,14861 MHz): 0,0,46,0
EIK/Modulator Faults: None



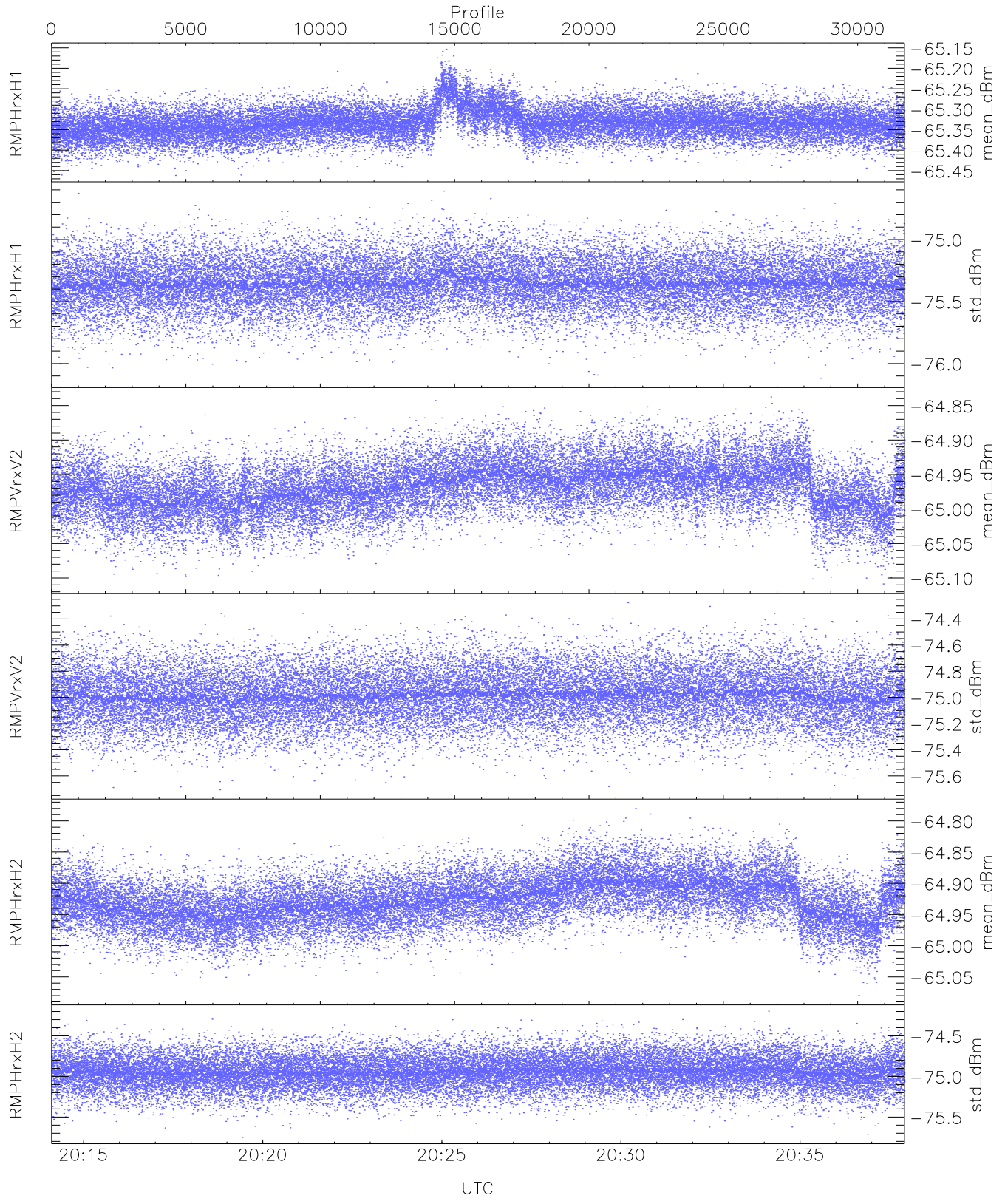






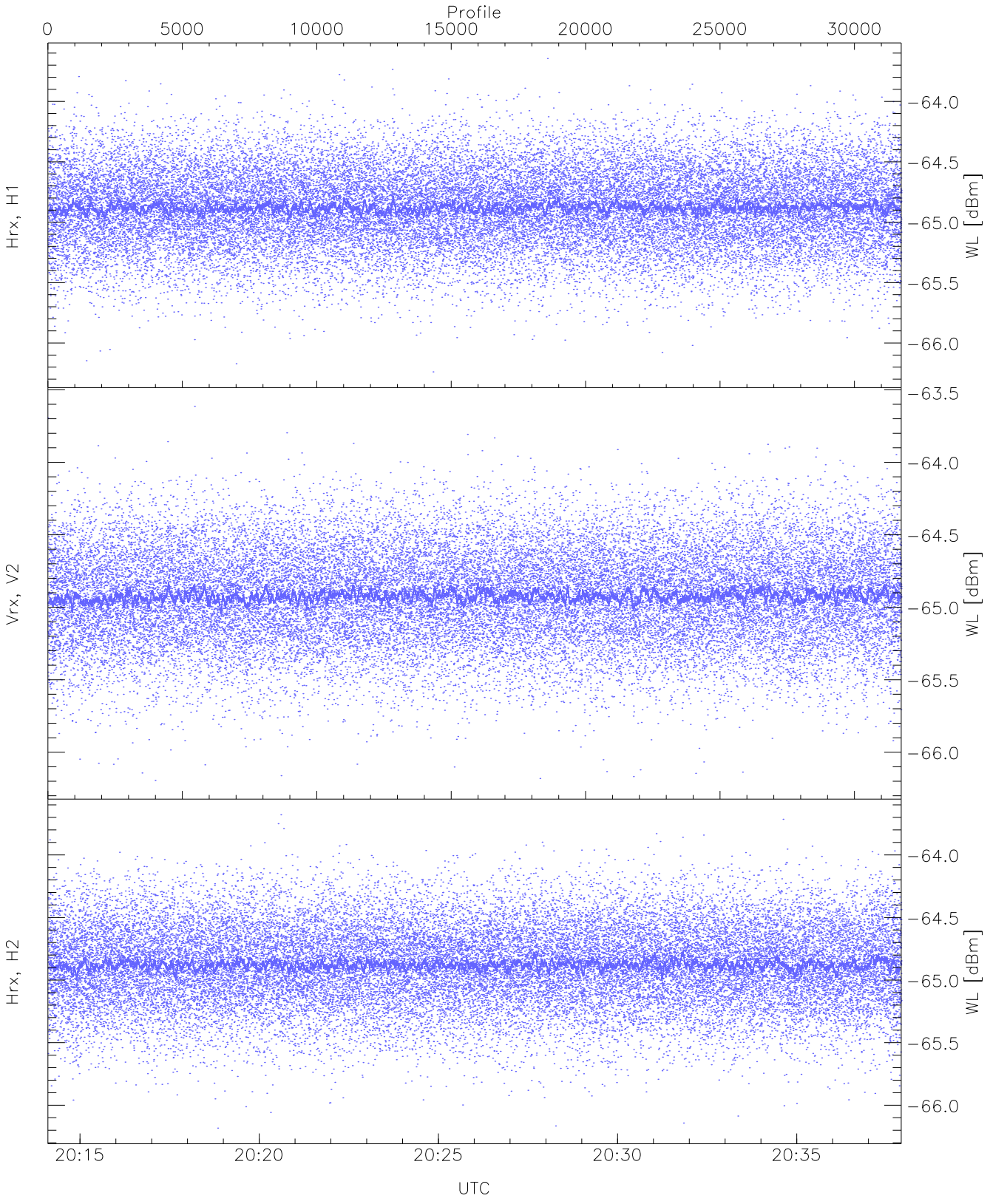
WCR3 CPP Receivers Gain and Noise Figure

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



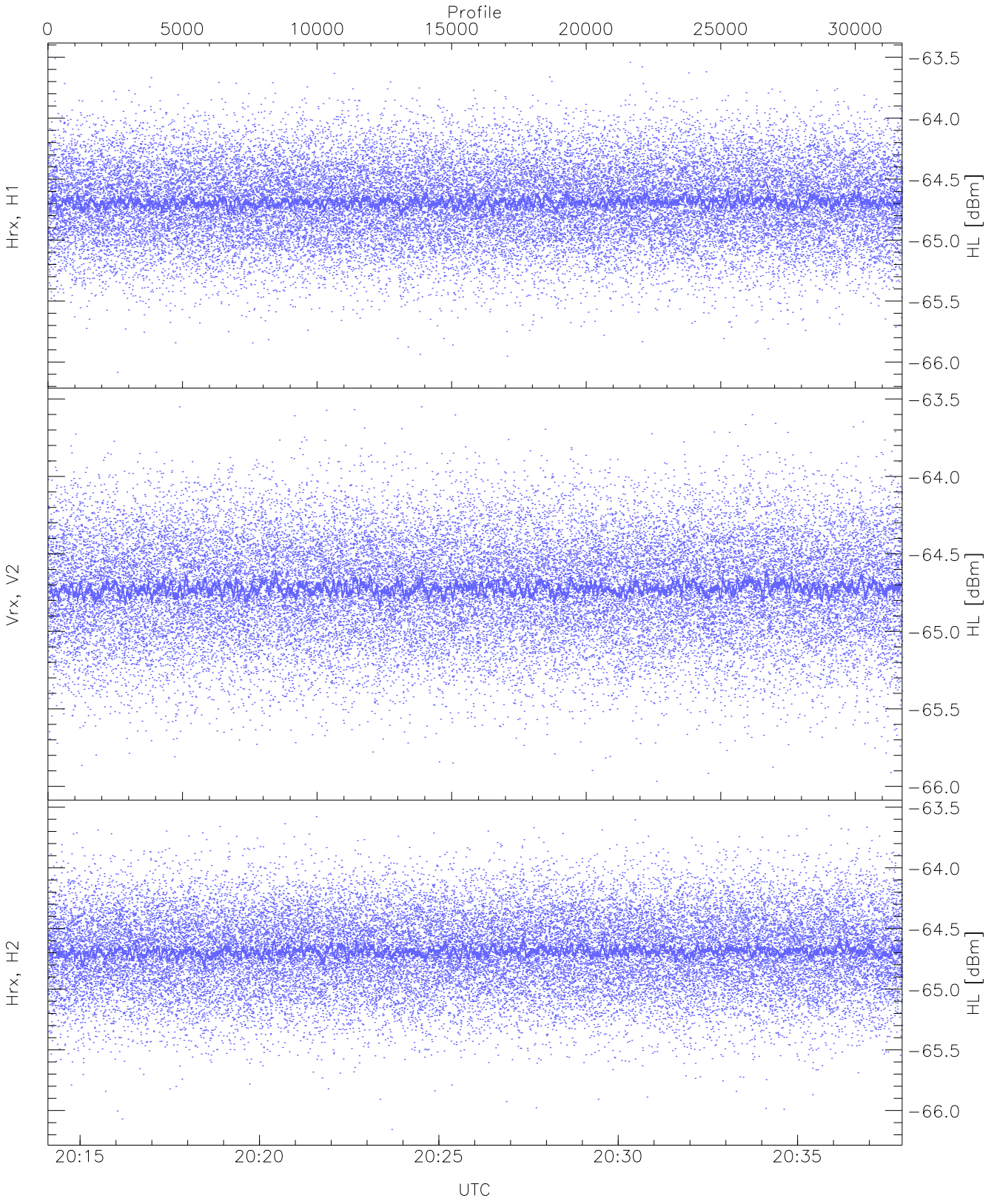
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.46	-65.15	-65.33	-65.33	-86.32
RMPHrxH1(std_dBm)	-76.12	-74.61	-75.35	-75.35	-89.14
RMPVrxV2(mean_dBm)	-65.11	-64.84	-64.97	-64.97	-85.81
RMPVrxV2(std_dBm)	-75.71	-74.28	-74.99	-74.99	-88.74
RMPHrxH2(mean_dBm)	-65.08	-64.78	-64.93	-64.93	-85.74
RMPHrxH2(std_dBm)	-75.75	-74.20	-74.94	-74.95	-88.69



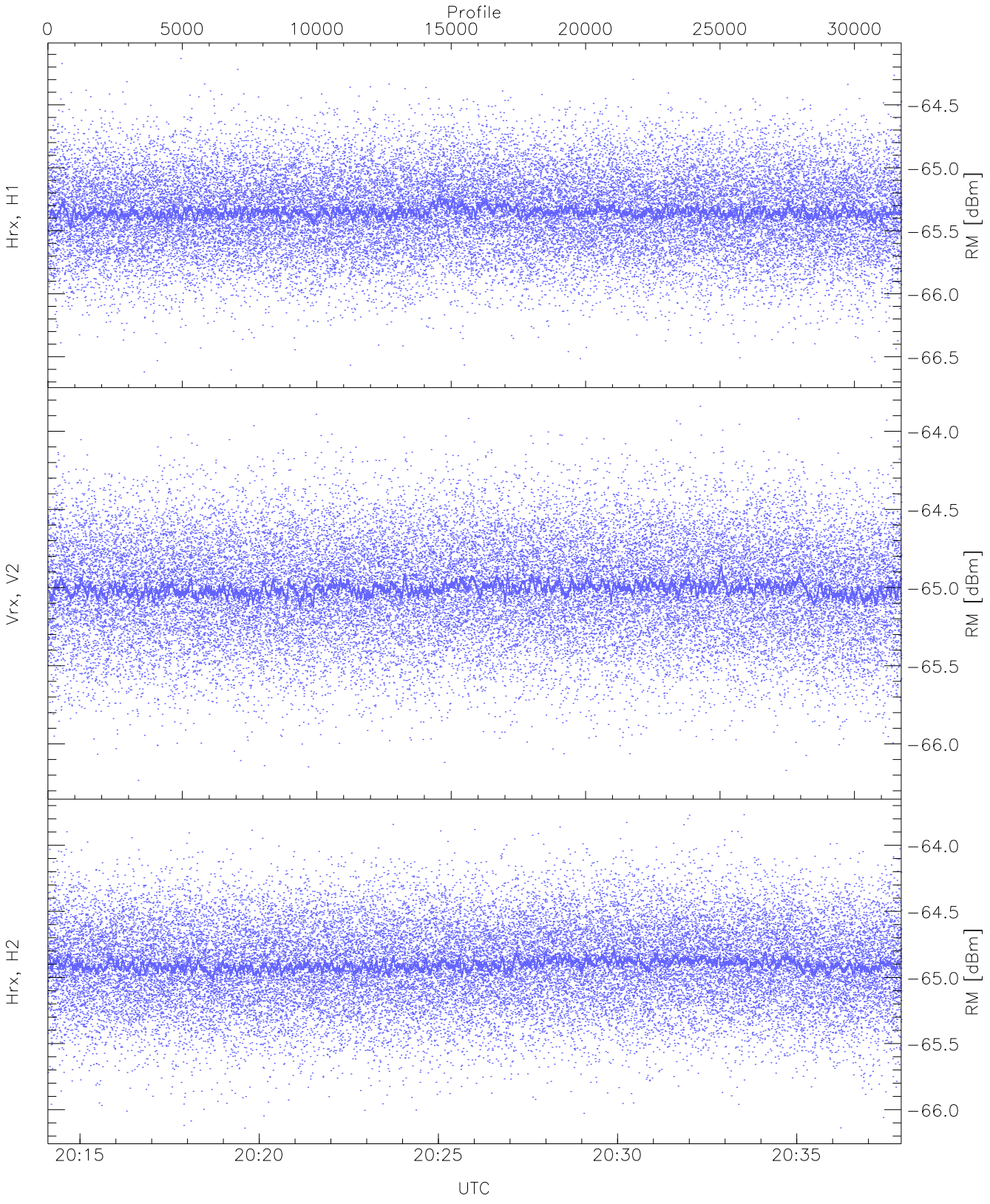
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.24	-63.65	-64.87	-64.88	-76.38
Vrx, V2(WL [dBm])	-66.19	-63.61	-64.92	-64.92	-76.42
Hrx, H2(WL [dBm])	-66.18	-63.68	-64.87	-64.88	-76.40



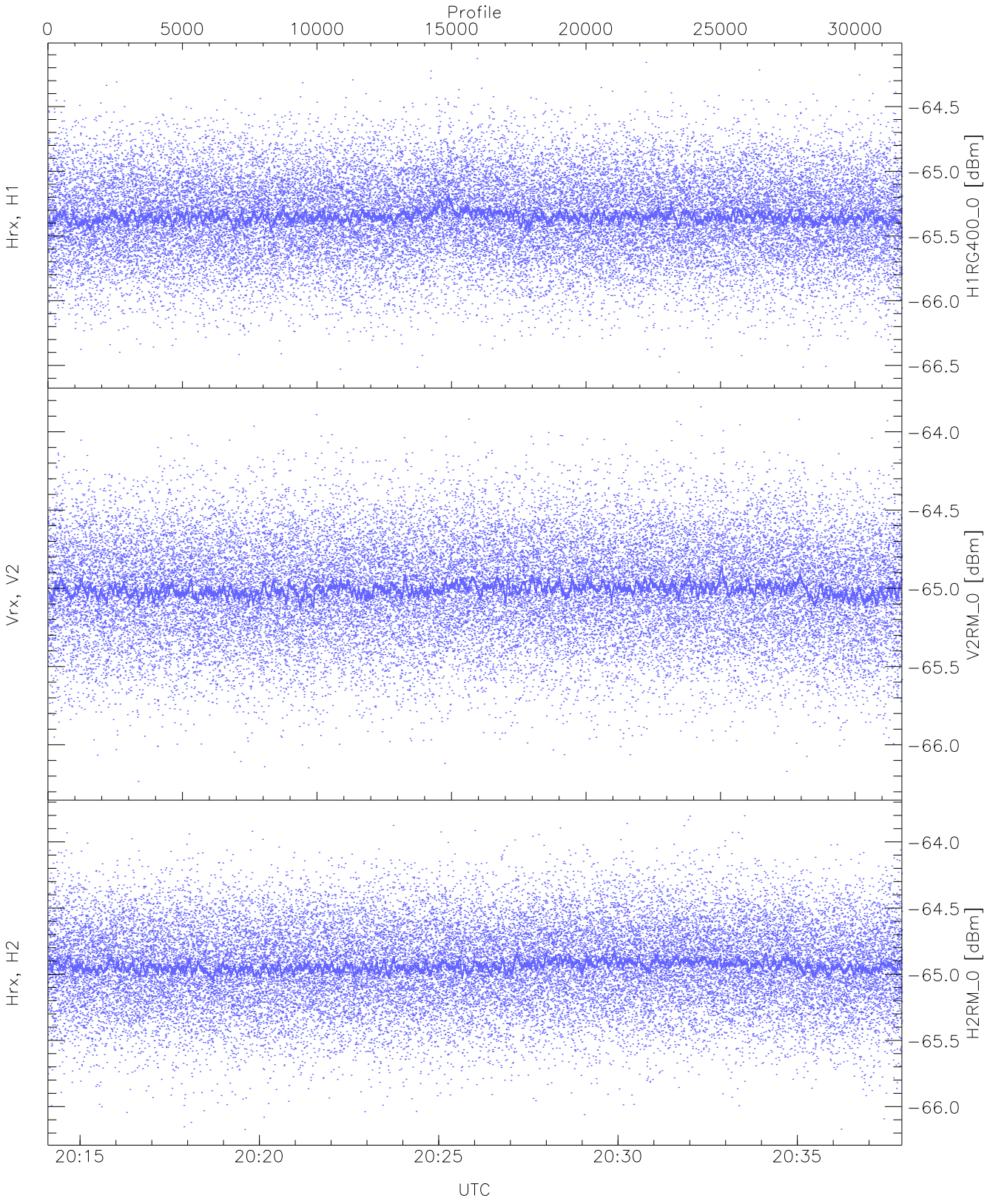
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-66.08	-63.51	-64.68	-64.69	-76.19
Vrx, V2(HL [dBm])	-65.97	-63.55	-64.71	-64.72	-76.22
Hrx, H2(HL [dBm])	-66.16	-63.57	-64.68	-64.69	-76.18



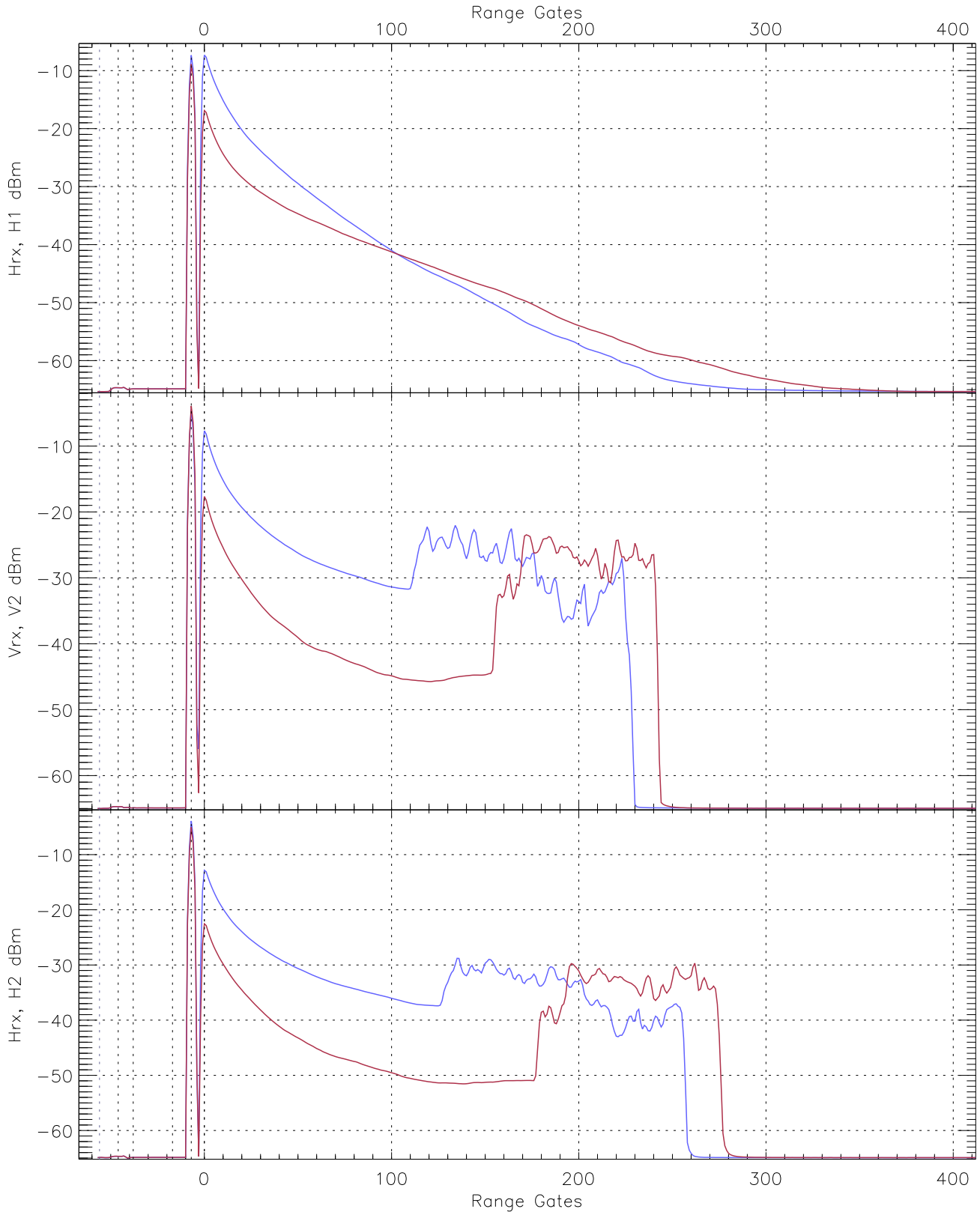
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.62	-64.13	-65.34	-65.35	-76.86
Vrx, V2(RM [dBm])	-66.23	-63.84	-65.00	-65.01	-76.51
Hrx, H2(RM [dBm])	-66.14	-63.77	-64.90	-64.90	-76.43

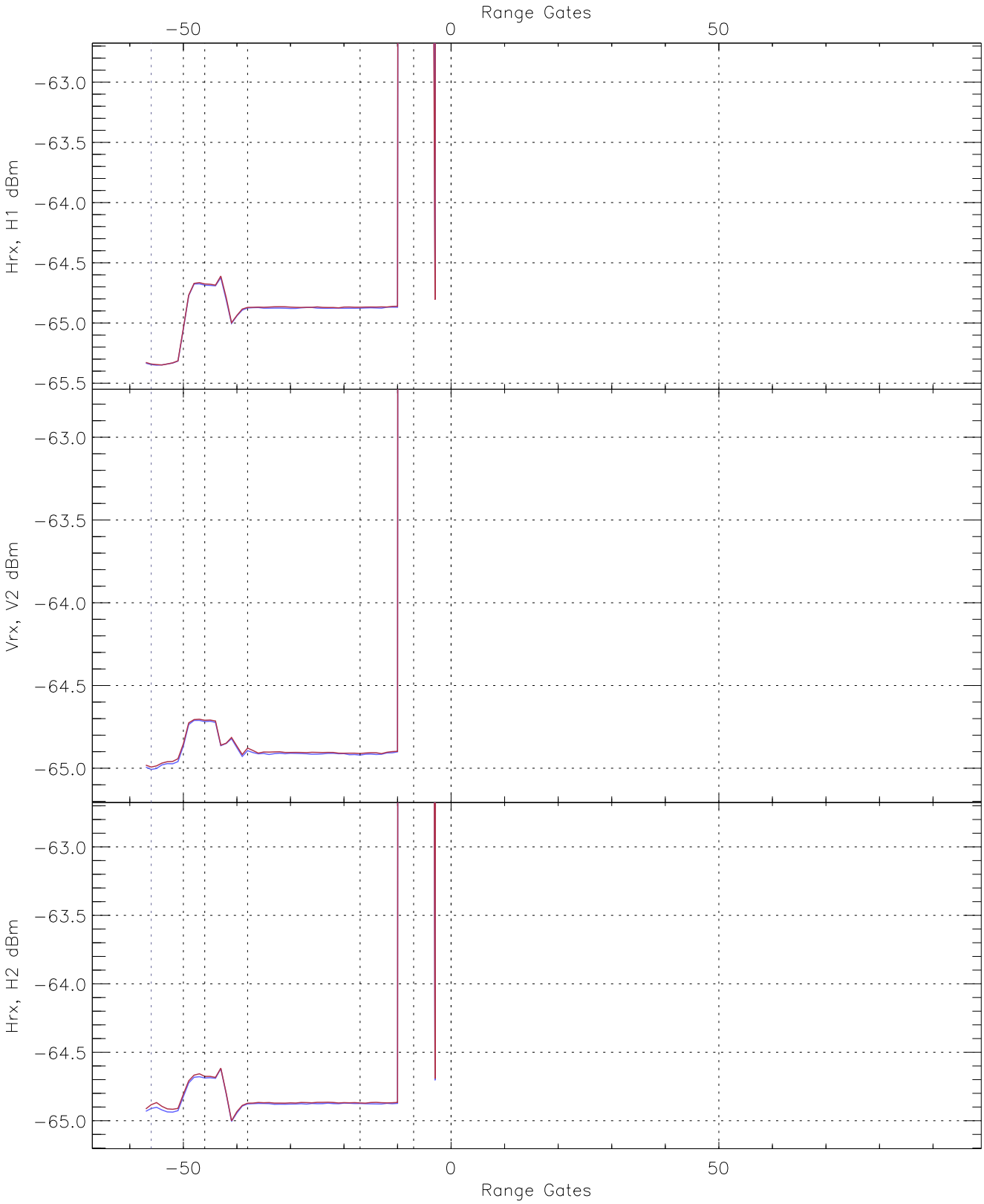


WCR3 CPP "Best" estimate Receivers Noise Power

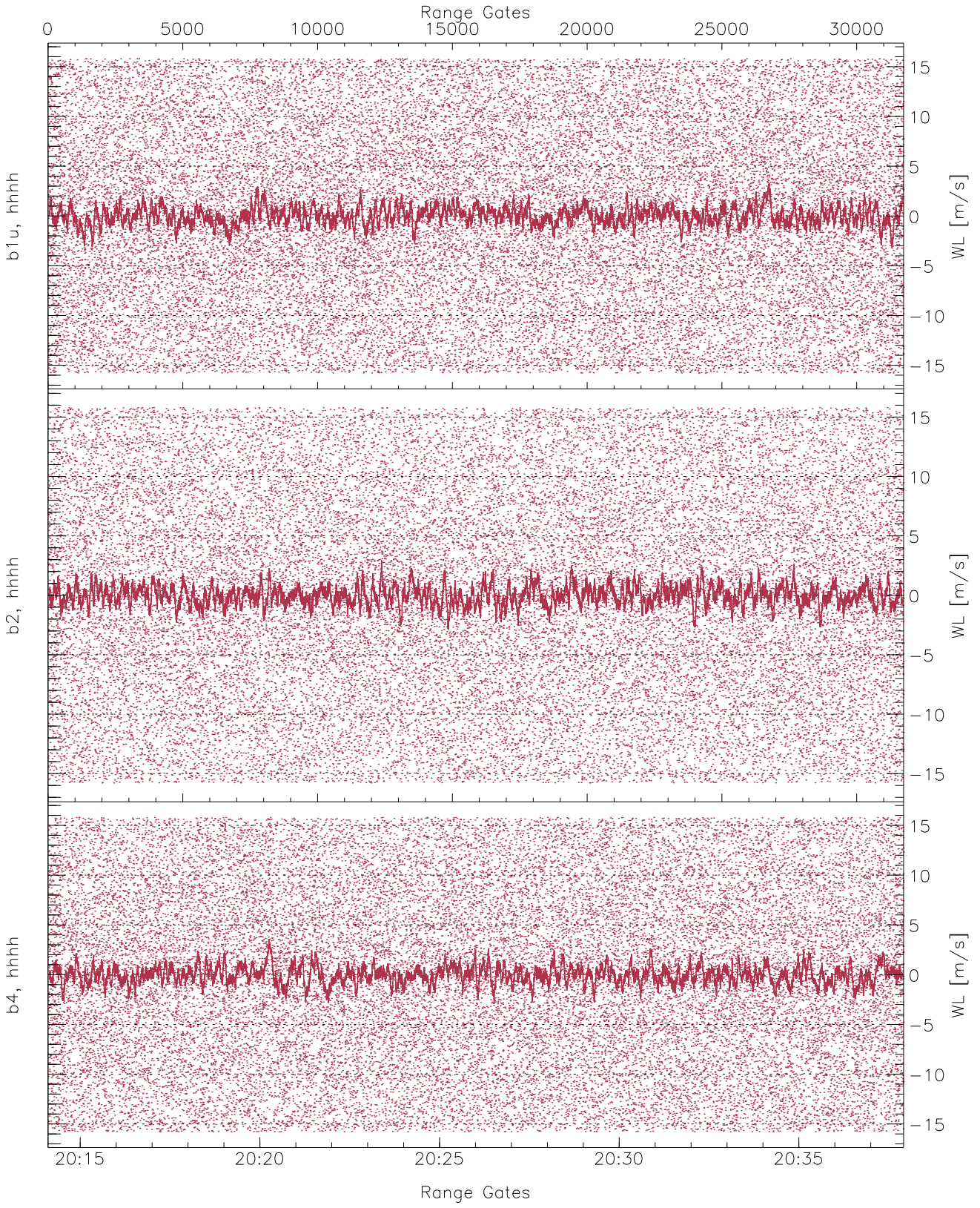
	Min	Max	Mean	Median	StDev
H1RG400_0 [dBm]	-66.55	-64.13	-65.34	-65.35	-76.82
V2RM_0 [dBm]	-66.23	-63.84	-65.00	-65.01	-76.51
H2RM_0 [dBm]	-66.17	-63.80	-64.93	-64.94	-76.46



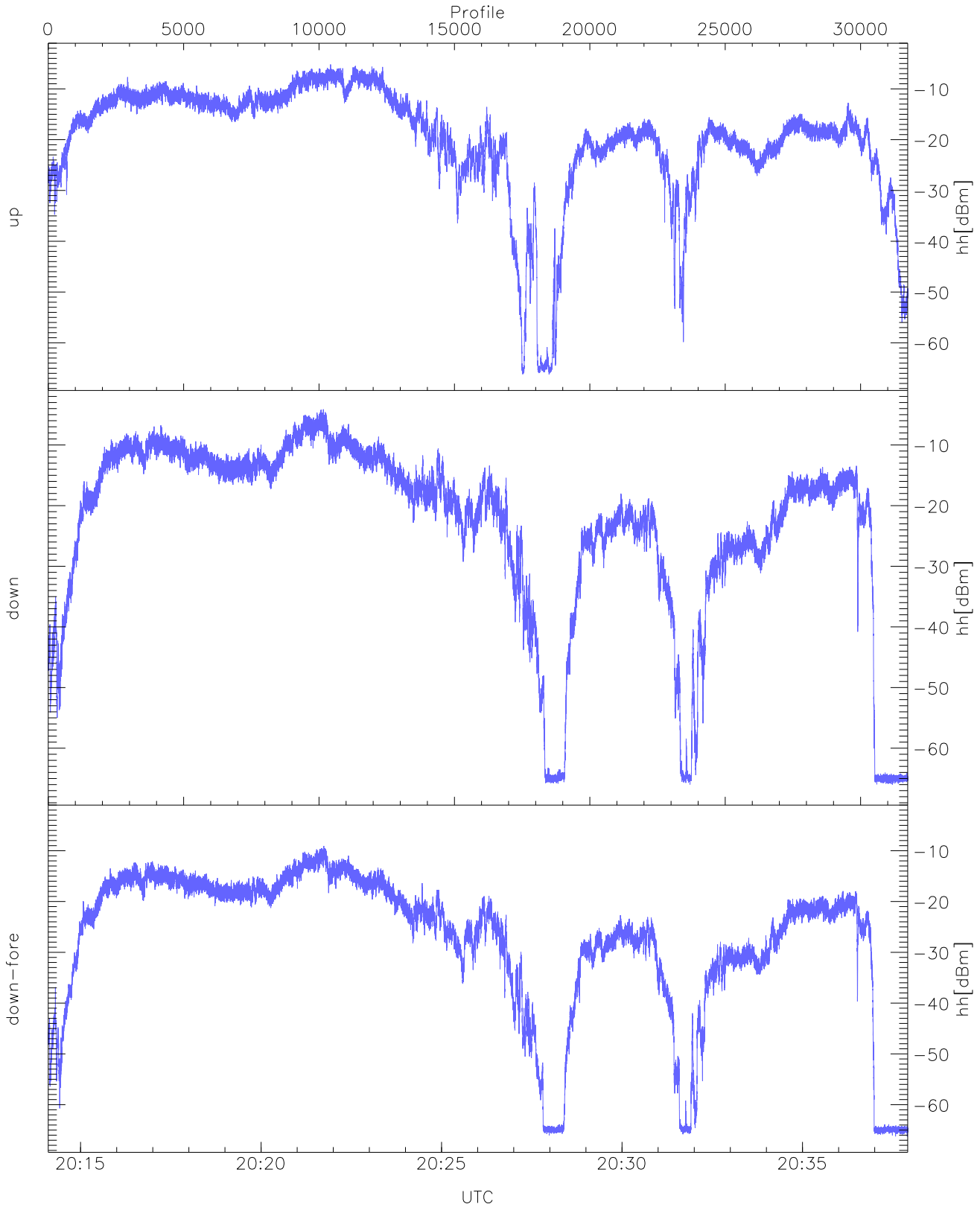
WCR3 CPP Averaged Received power for all recorded gates
blue: 201406-202601, 15871 profiles averaged
red: 202601-203755, 15871 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 201406-202601, 15871 profiles averaged
red: 202601-203755, 15871 profiles averaged

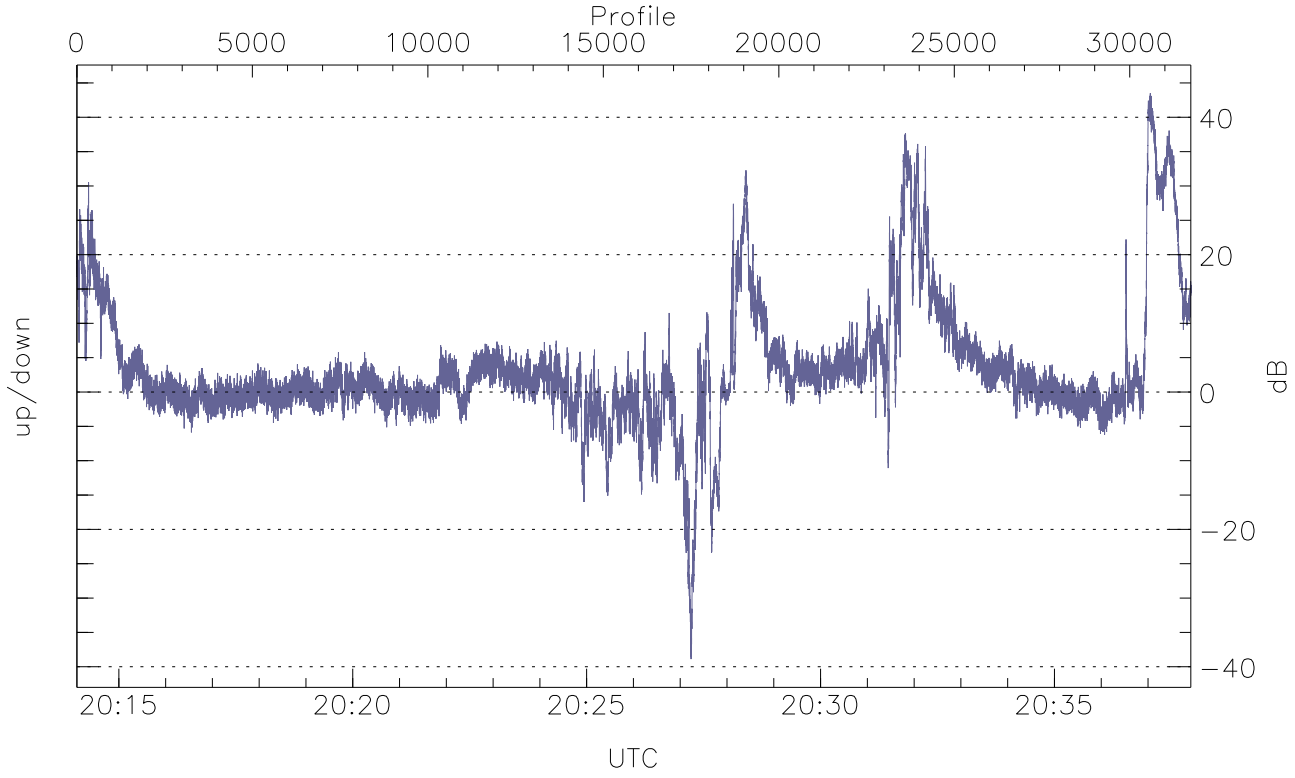


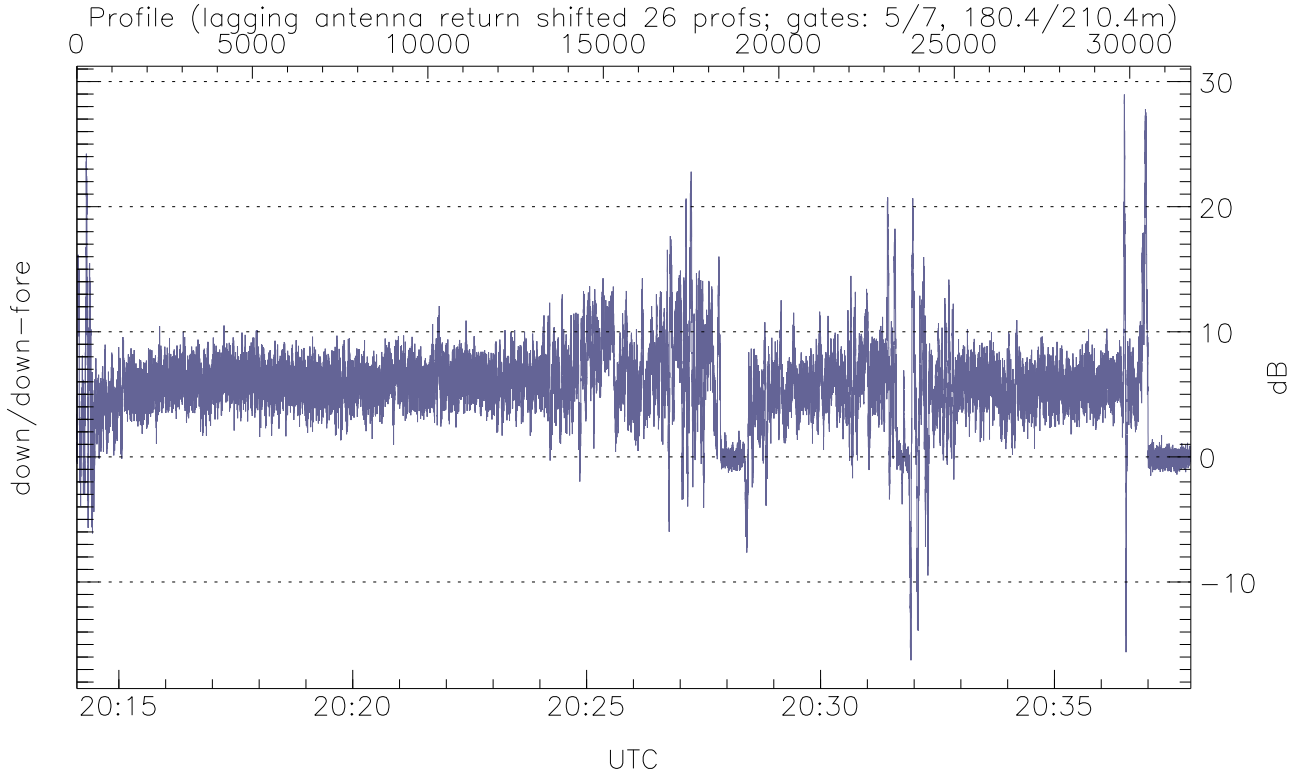
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

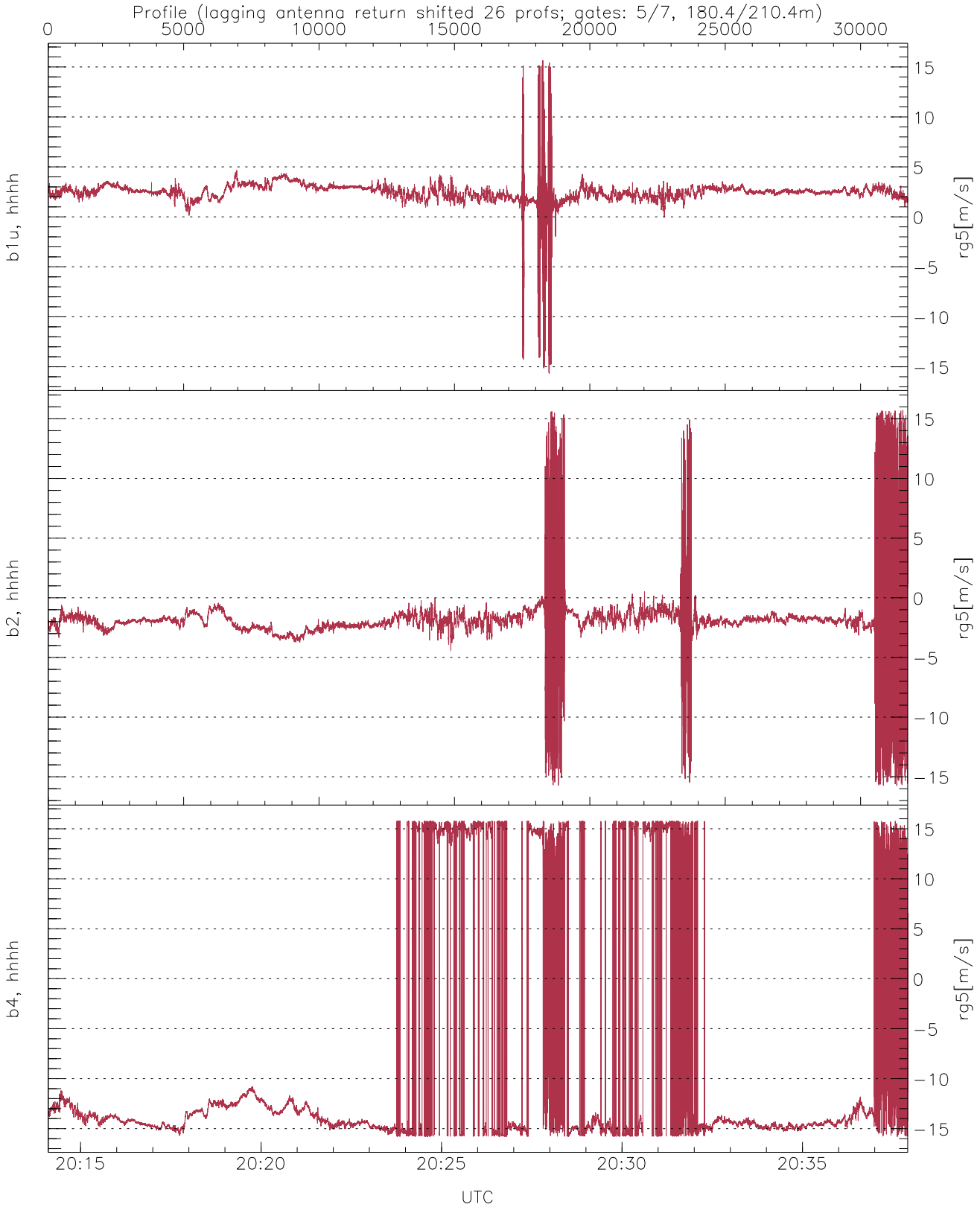
	Min	Max	Mean
up(hh[dBm])	-66.22	-5.18	-14.17
down(hh[dBm])	-65.98	-4.12	-14.61
down-fore(hh[dBm])	-66.27	-9.05	-19.29





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

	Min	Max	Mean
up/down(dB)	-38.88	43.49	3.49
down/down-fore(dB)	-16.26	28.96	5.59



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.69	15.66	2.46	1.05
b2, hhhh(rg5[m/s])	-15.76	15.72	-1.79	2.24
b4, hhhh(rg5[m/s])	-15.79	15.79	-8.16	11.43