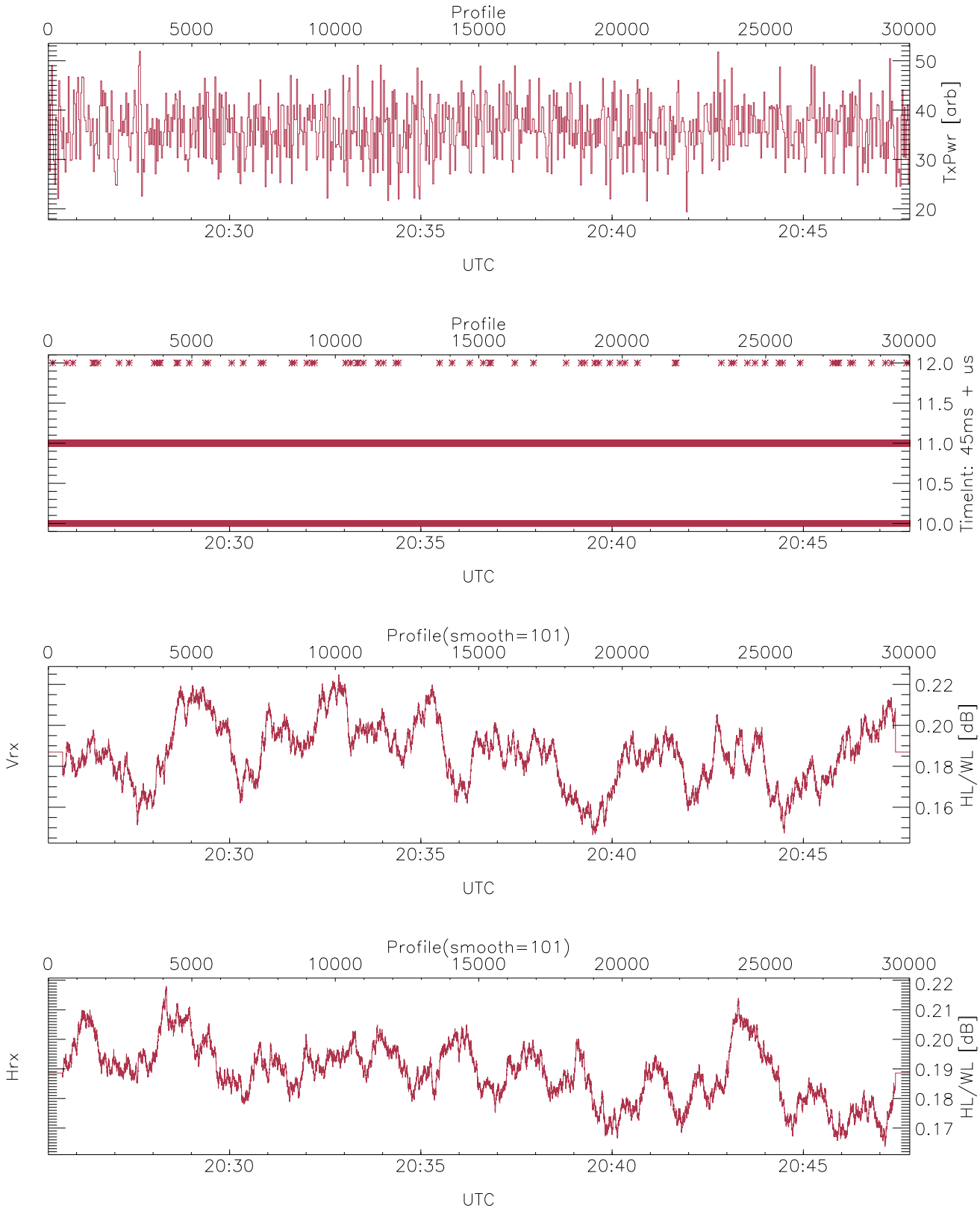
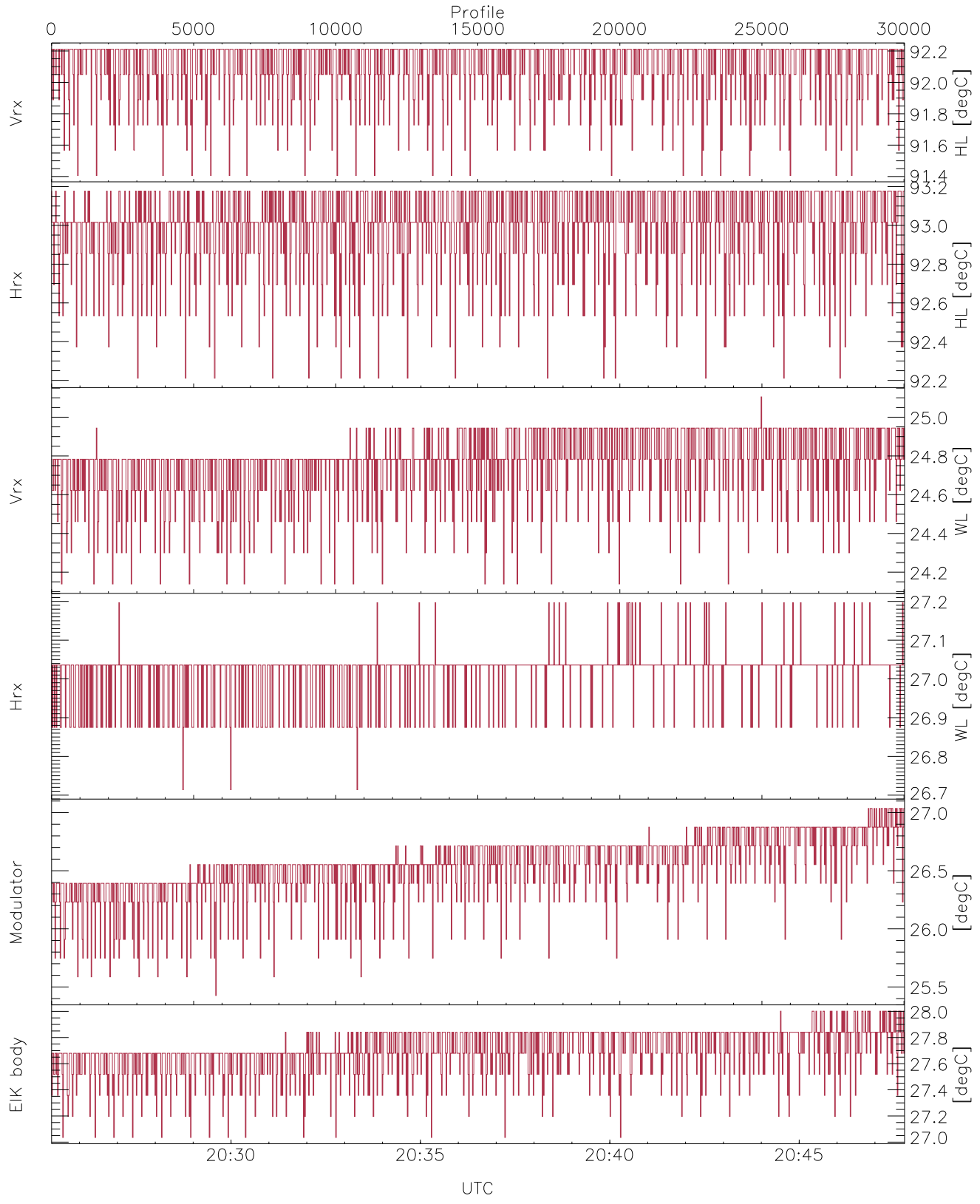


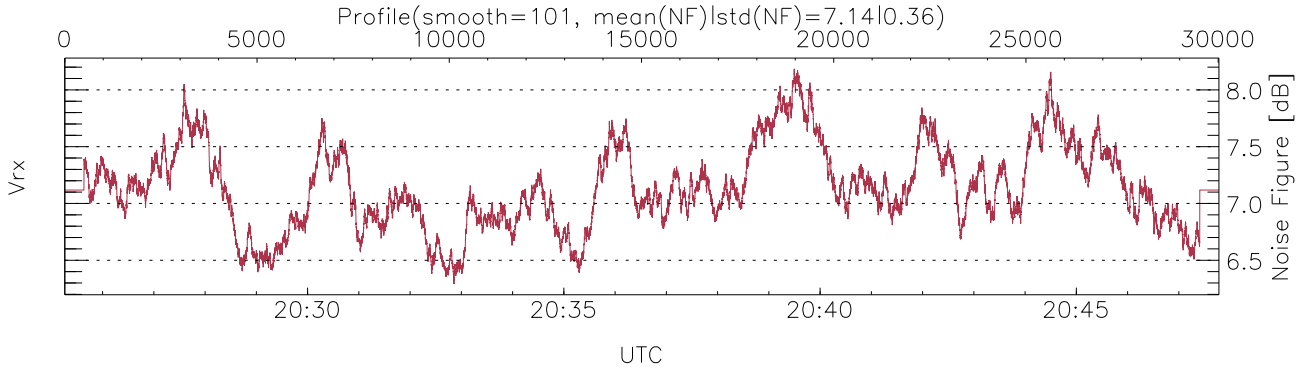
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

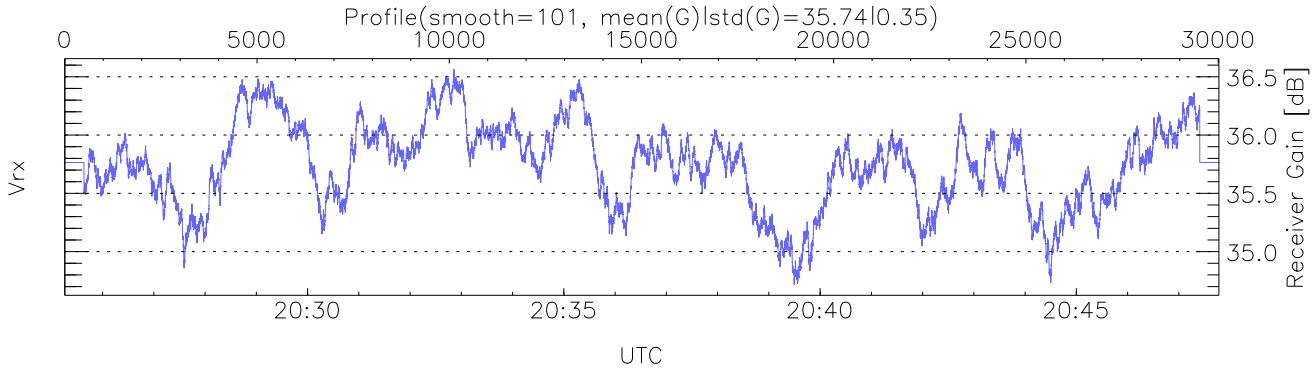
UTC: 20:25:16-20:47:47, TimeCor: 0.00s, Dur: 1351.28s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
NumRec(r/t): 30022/30022, 0-30021/20:25:16-20:47:47
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: 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

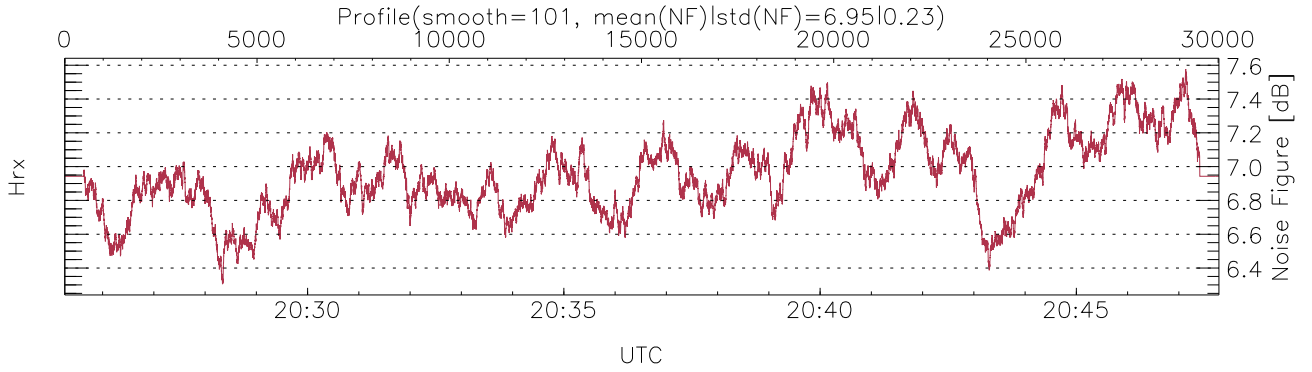


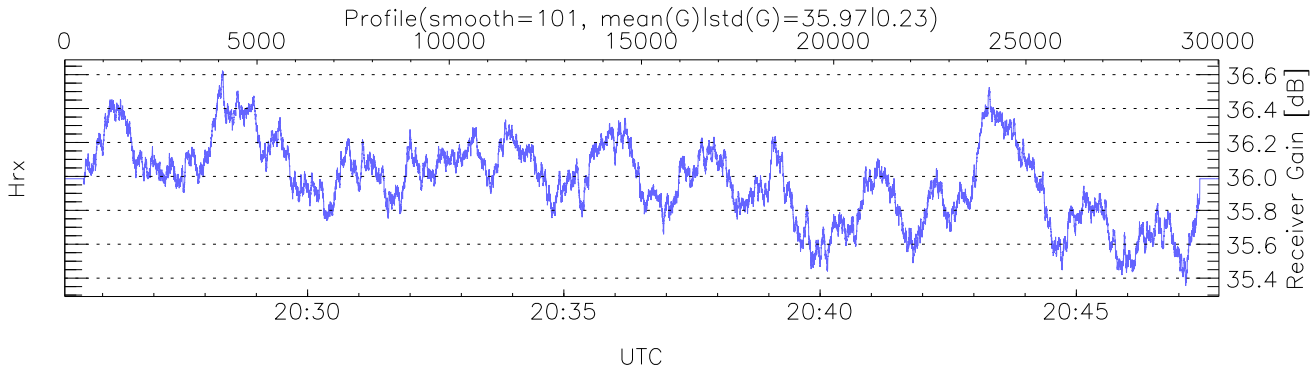
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

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



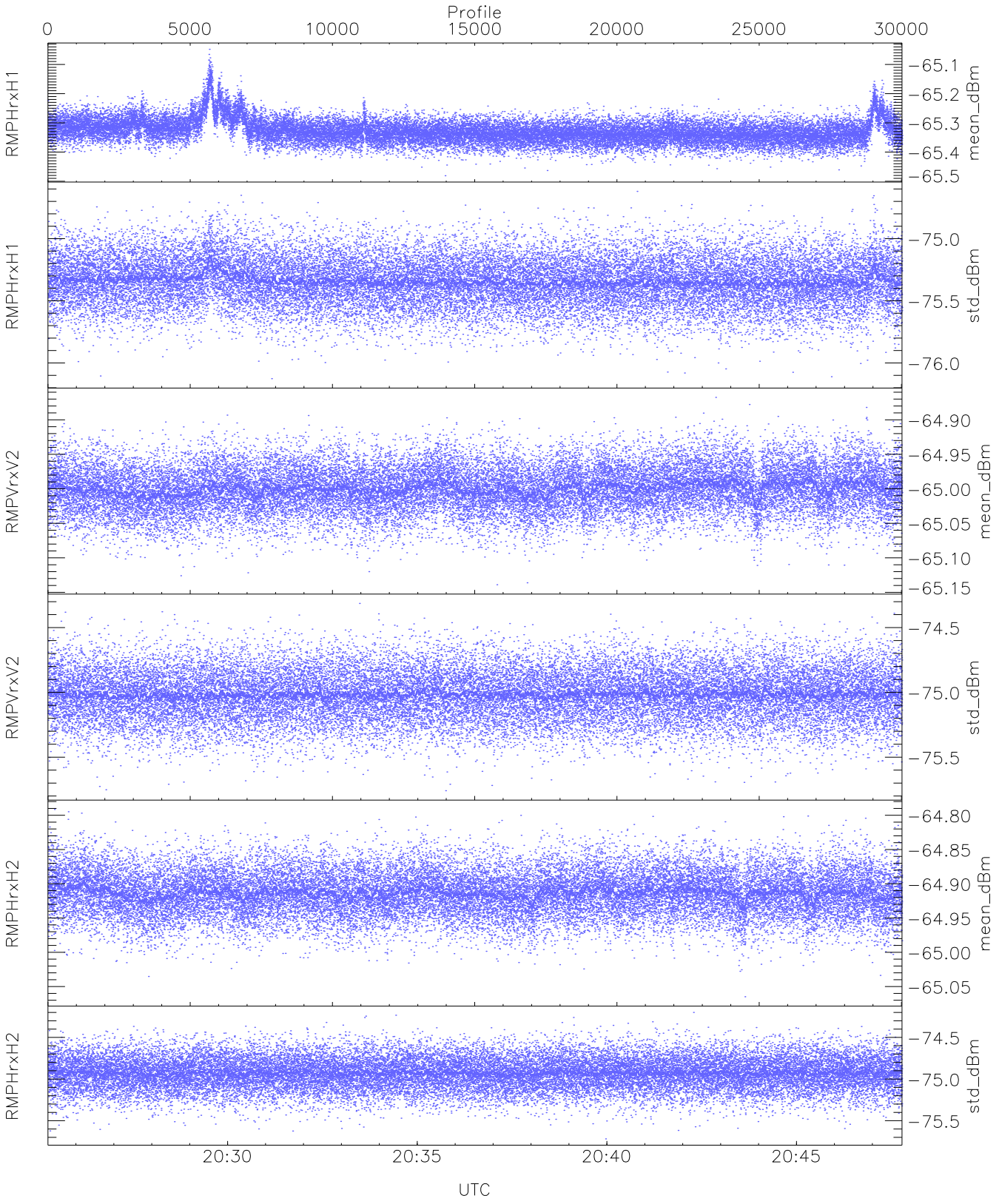






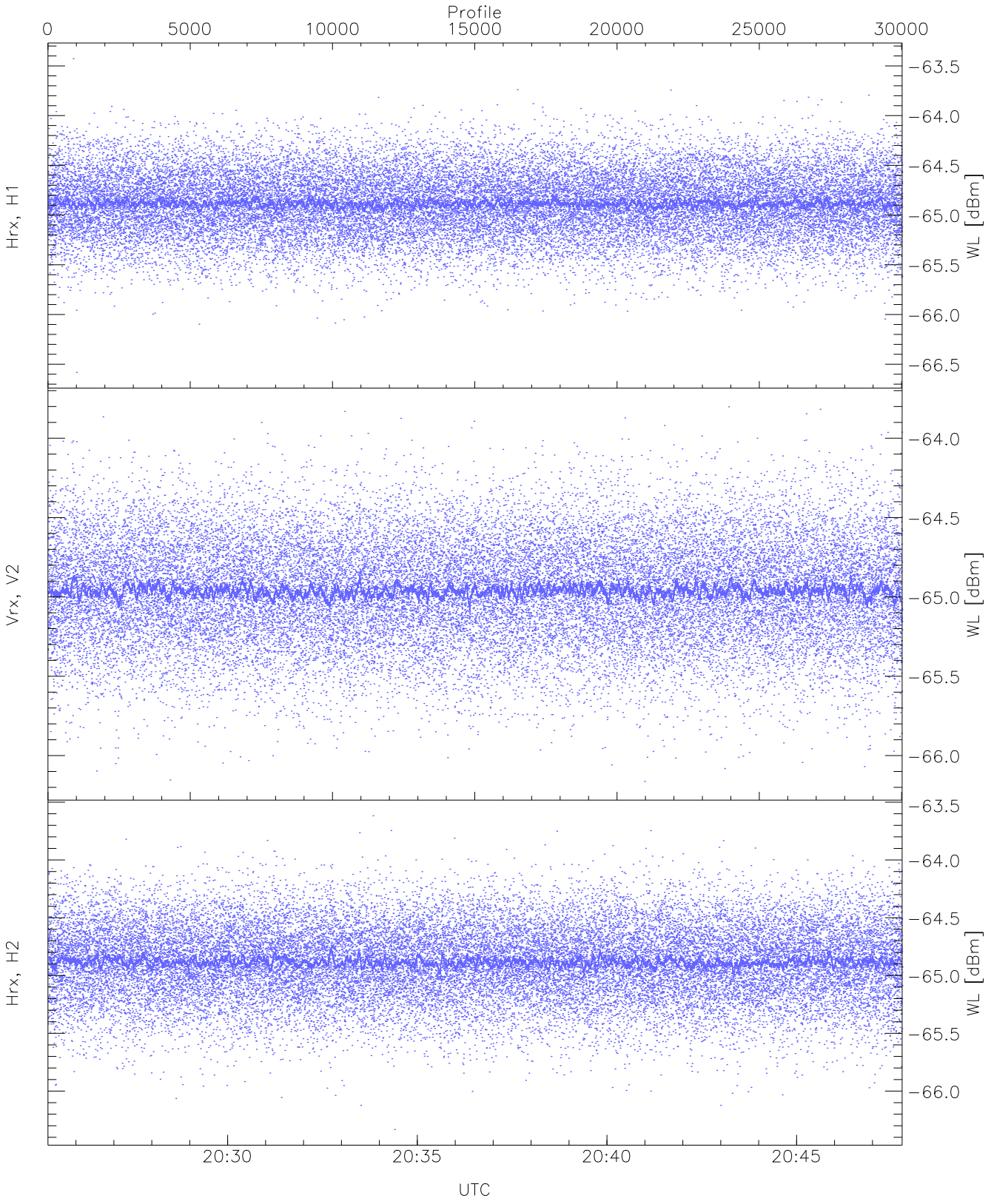
WCR3 CPP Receivers Gain and Noise Figure

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



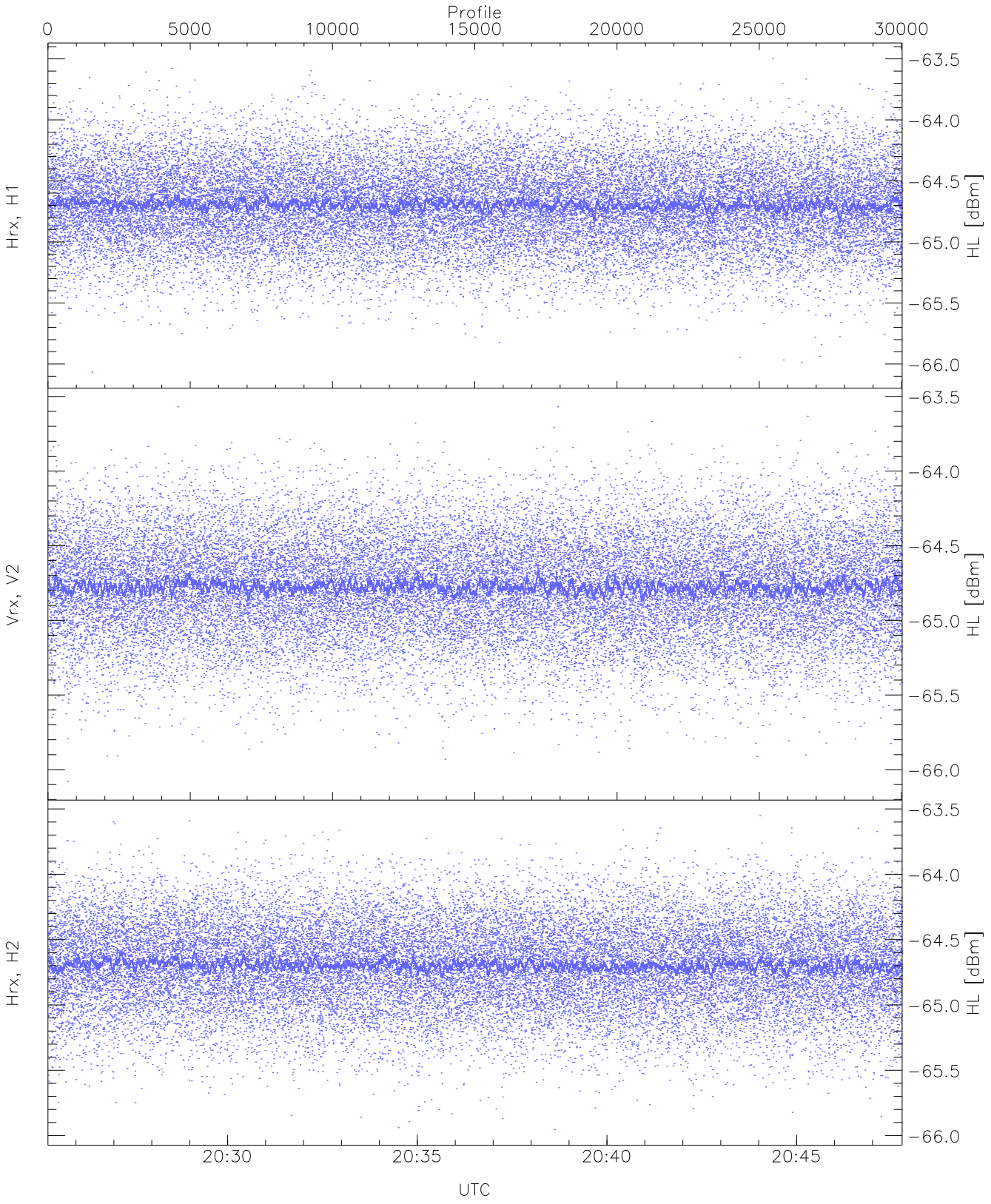
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.48	-65.05	-65.33	-65.33	-85.63
RMPHrxH1(std_dBm)	-76.13	-74.62	-75.34	-75.34	-89.06
RMPVrxV2(mean_dBm)	-65.14	-64.87	-65.00	-65.00	-86.47
RMPVrxV2(std_dBm)	-75.76	-74.31	-75.02	-75.02	-88.80
RMPHrxH2(mean_dBm)	-65.06	-64.79	-64.91	-64.91	-86.46
RMPHrxH2(std_dBm)	-75.72	-74.20	-74.93	-74.93	-88.74



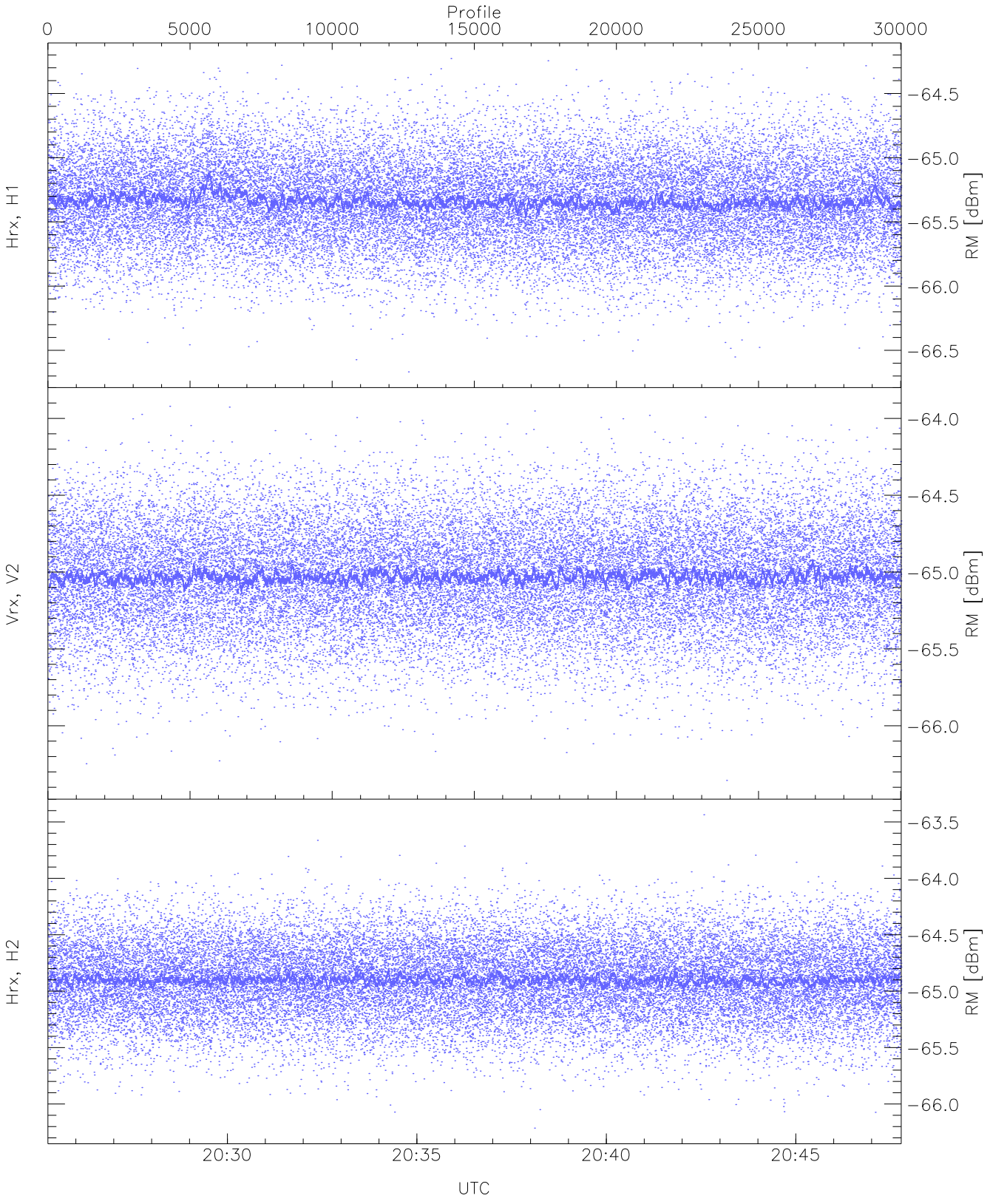
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.58	-63.43	-64.88	-64.89	-76.35
Vrx, V2(WL [dBm])	-66.16	-63.80	-64.95	-64.96	-76.48
Hrx, H2(WL [dBm])	-66.33	-63.62	-64.88	-64.88	-76.40



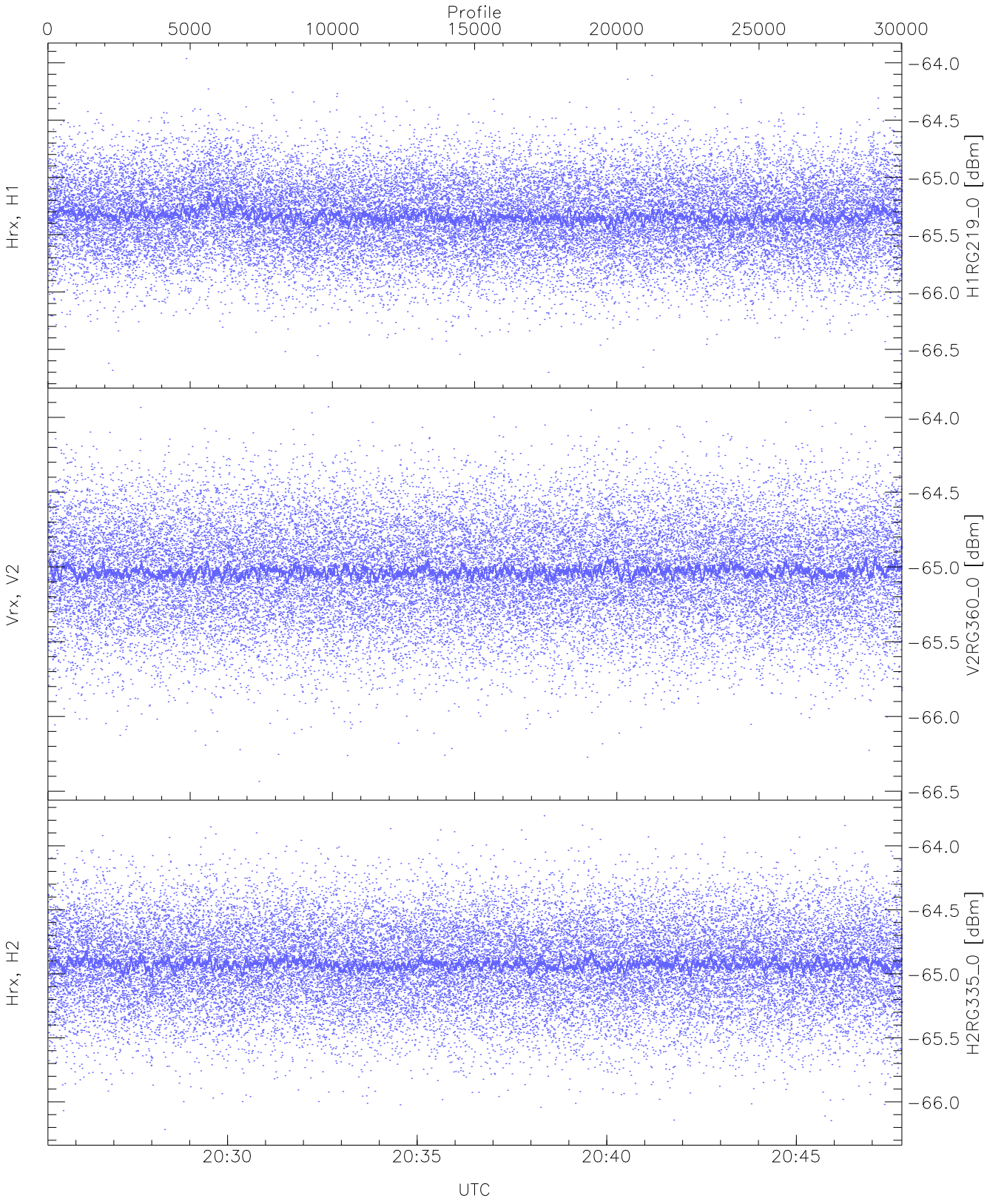
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-66.07	-63.50	-64.69	-64.70	-76.18
Vrx, V2(HL [dBm])	-66.08	-63.57	-64.77	-64.78	-76.27
Hrx, H2(HL [dBm])	-65.95	-63.55	-64.69	-64.69	-76.19



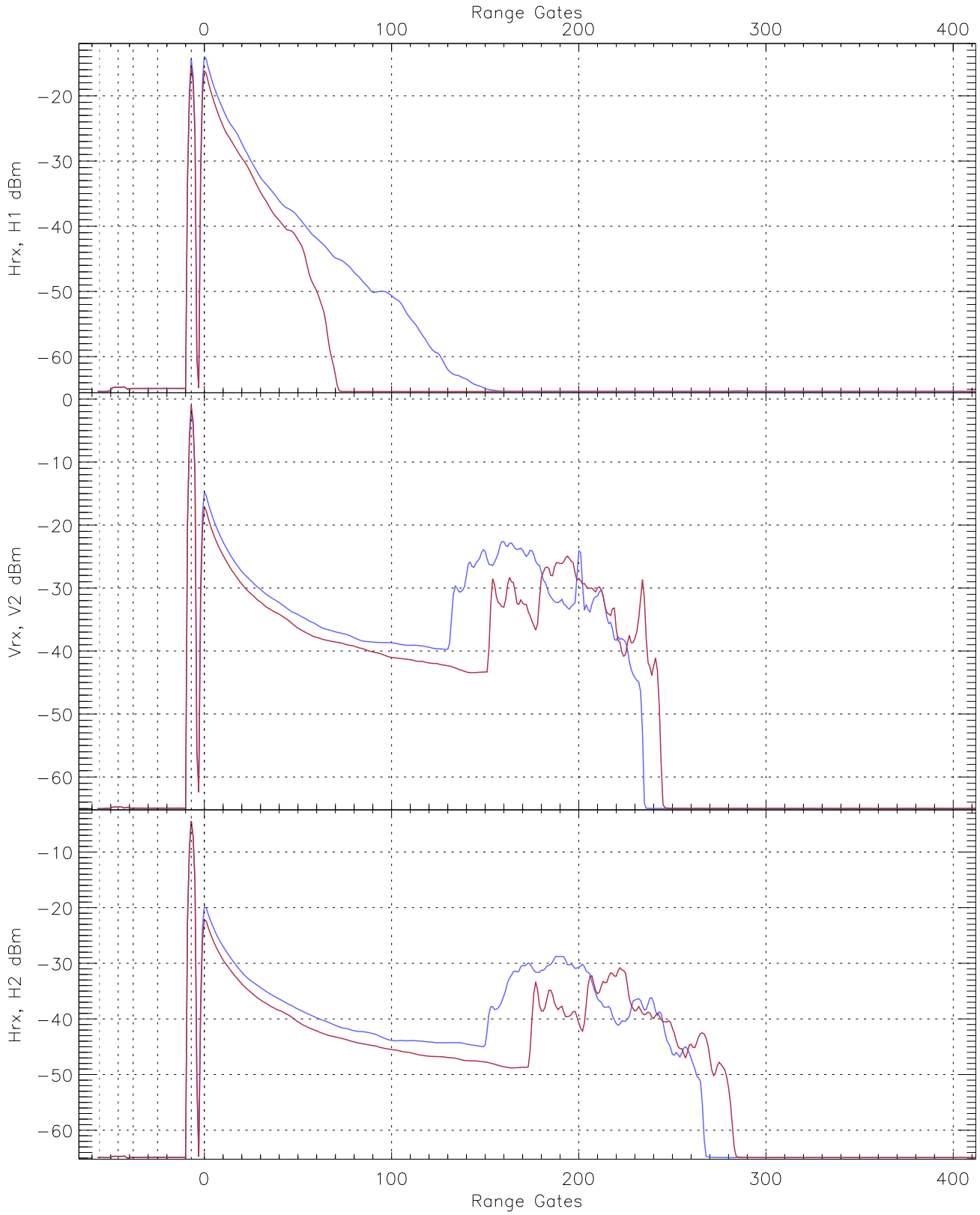
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.67	-64.23	-65.33	-65.34	-76.79
Vrx, V2(RM [dBm])	-66.36	-63.92	-65.02	-65.03	-76.53
Hrx, H2(RM [dBm])	-66.21	-63.44	-64.89	-64.90	-76.41

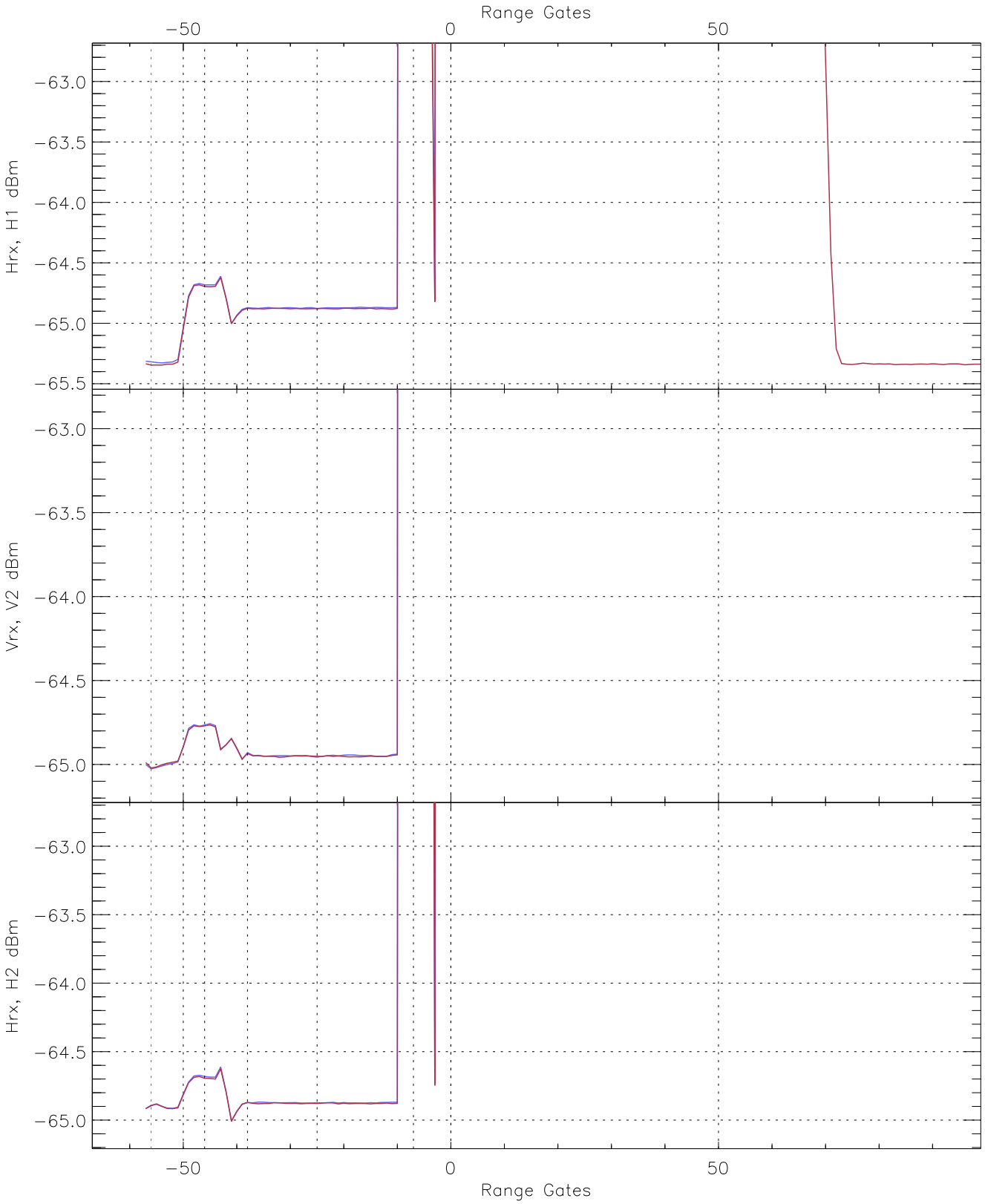


WCR3 CPP "Best" estimate Receivers Noise Power

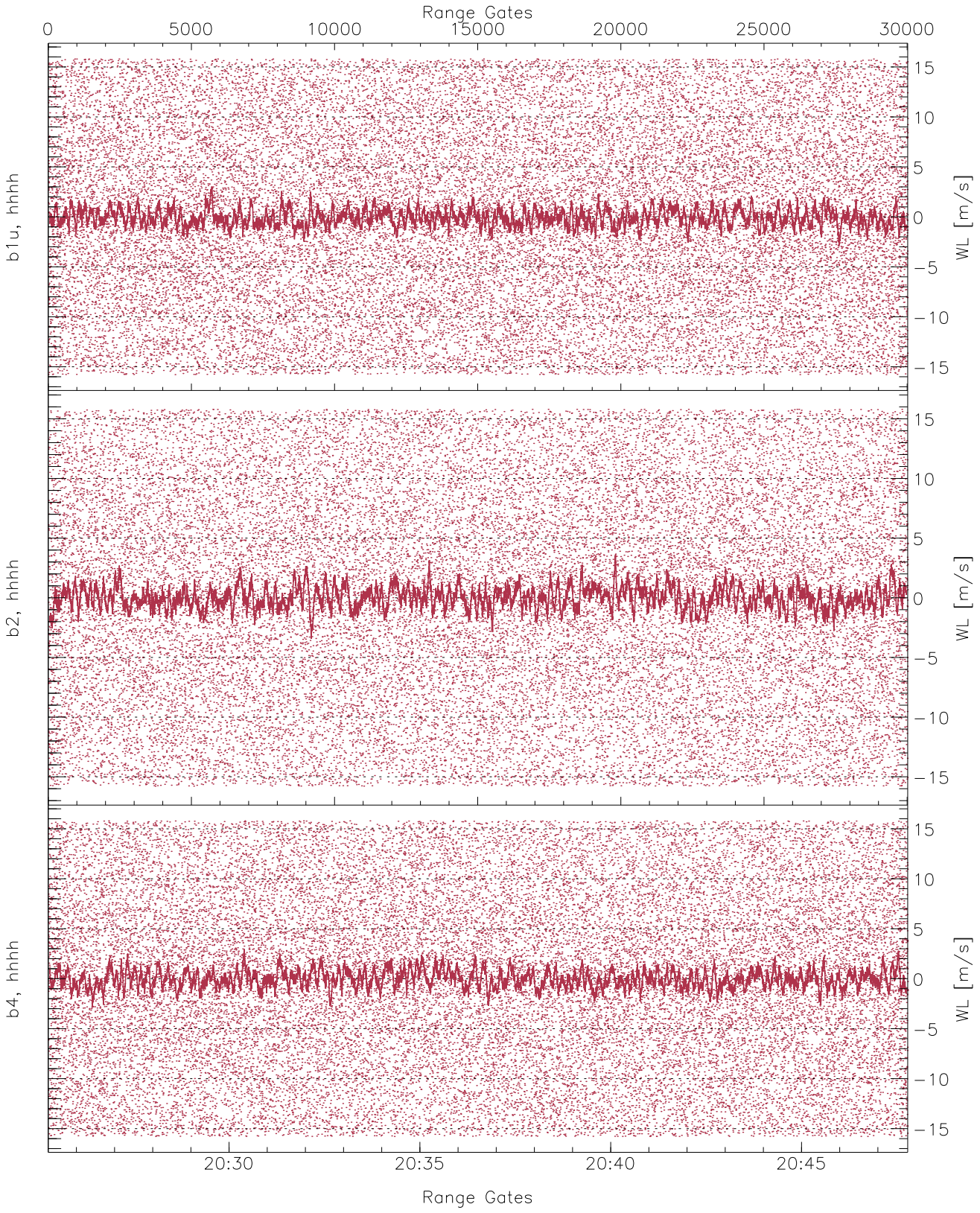
	Min	Max	Mean	Median	StDev
H1RG219_0 [dBm]	-66.70	-63.96	-65.33	-65.34	-76.81
V2RG360_0 [dBm]	-66.43	-63.93	-65.02	-65.03	-76.52
H2RG335_0 [dBm]	-66.22	-63.77	-64.92	-64.92	-76.43



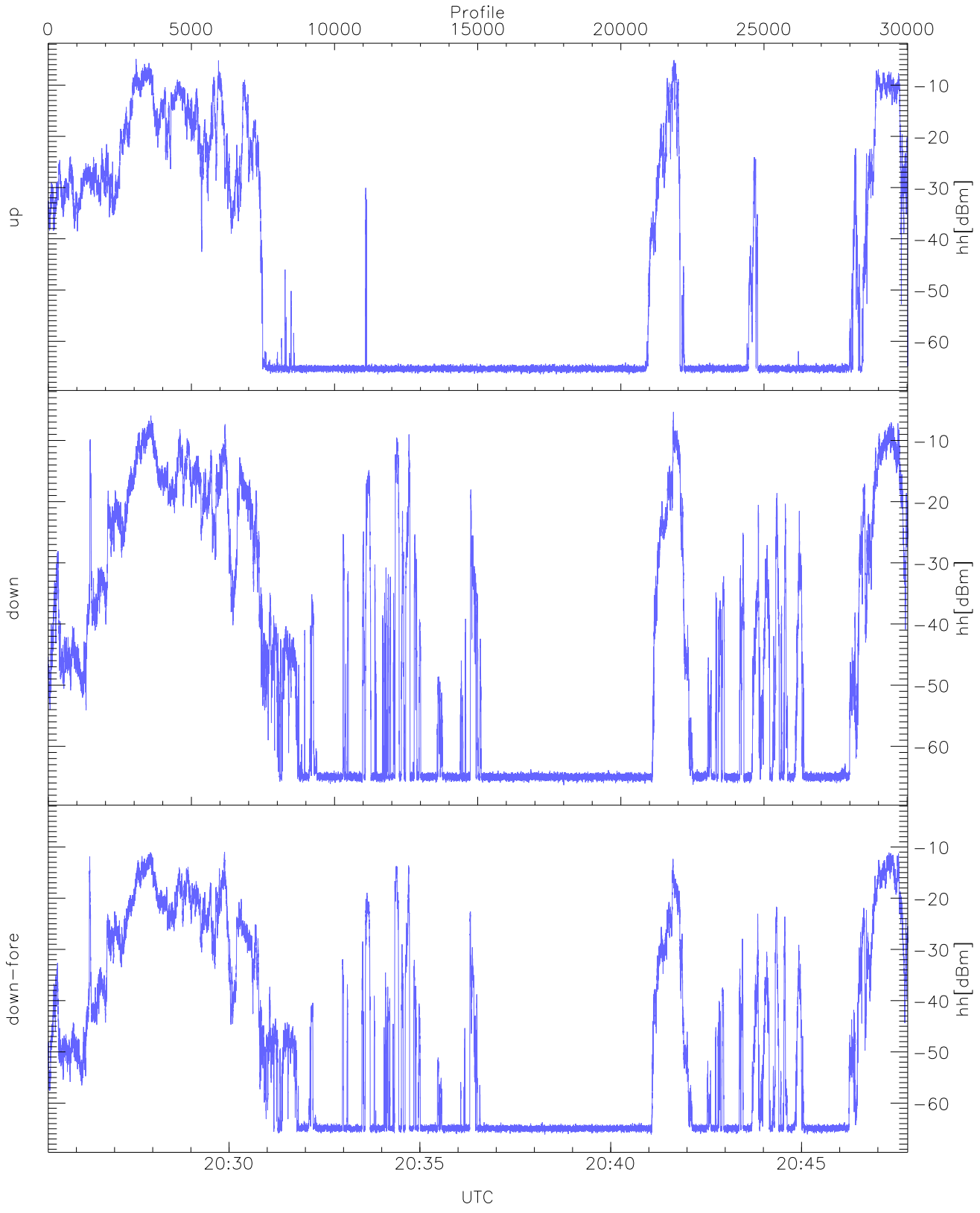
WCR3 CPP Averaged Received power for all recorded gates
blue: 202516-203631, 15012 profiles averaged
red: 203631-204747, 15011 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 202516-203631, 15012 profiles averaged
red: 203631-204747, 15011 profiles averaged

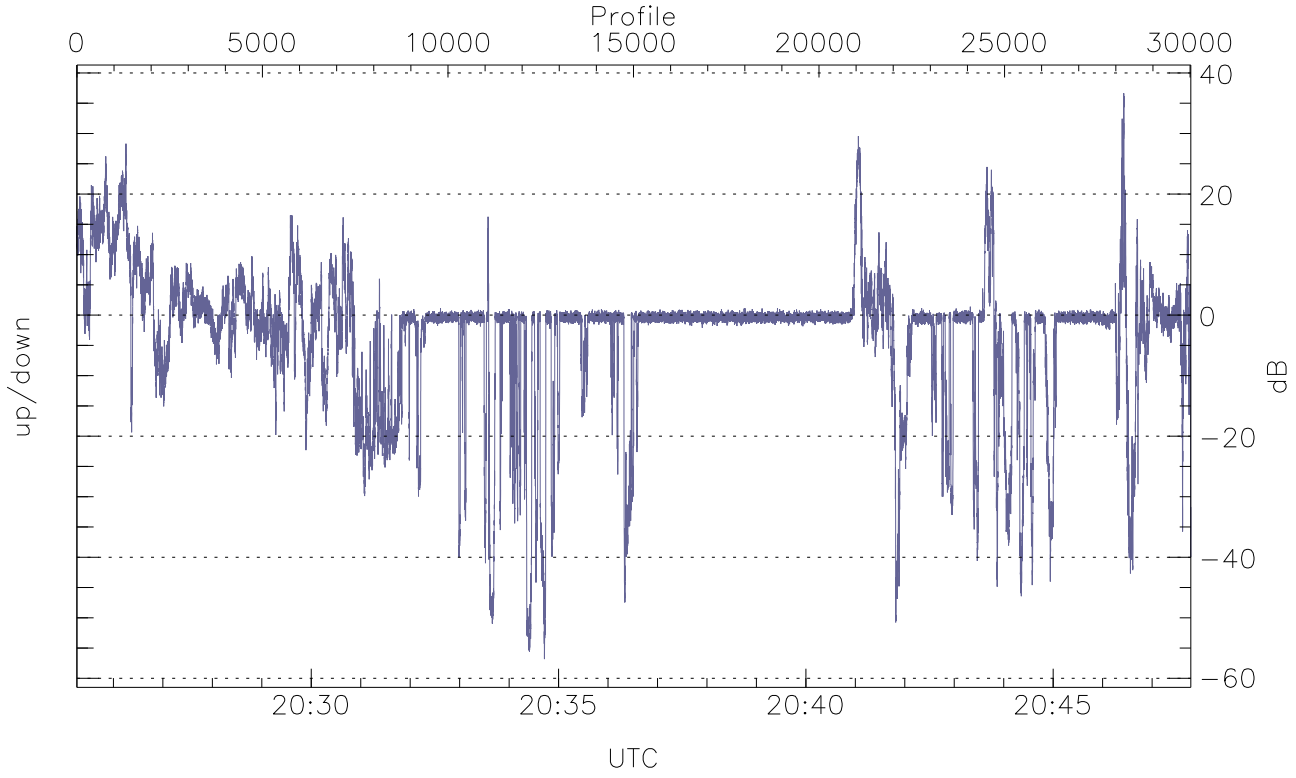


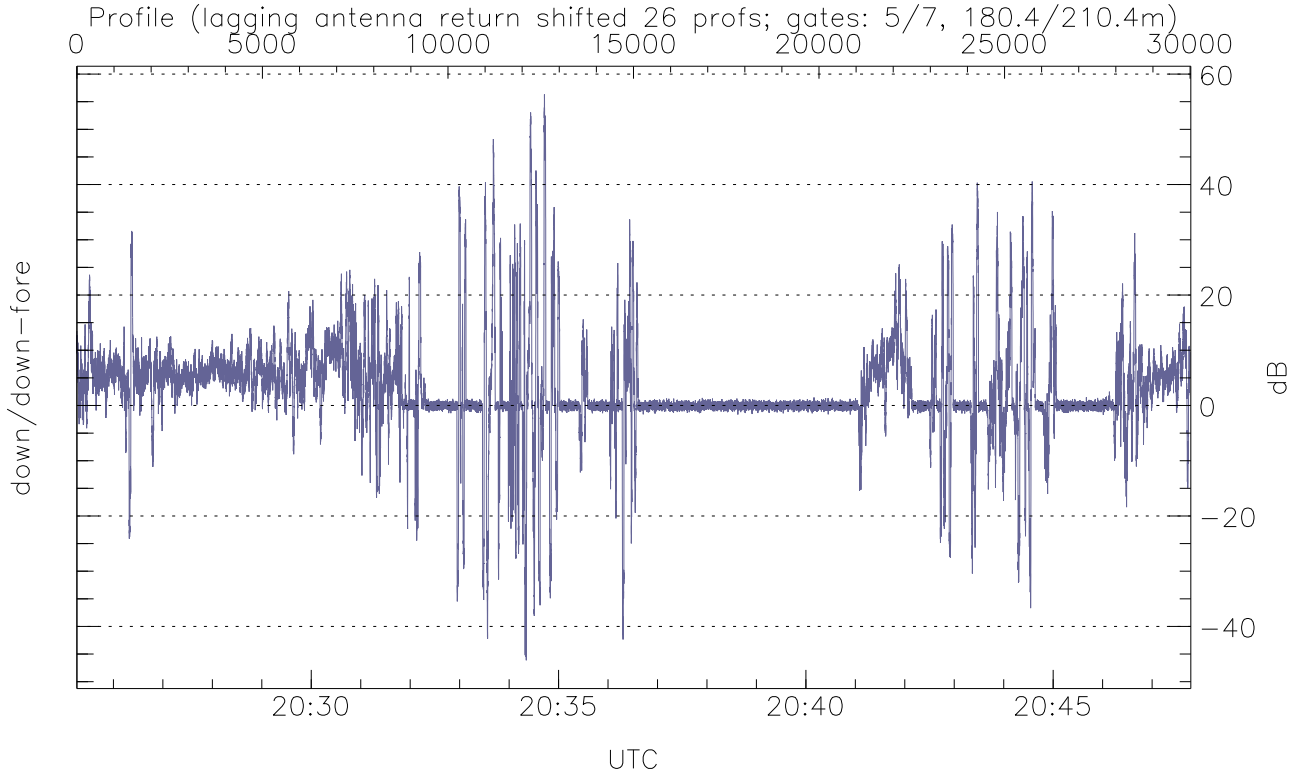
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

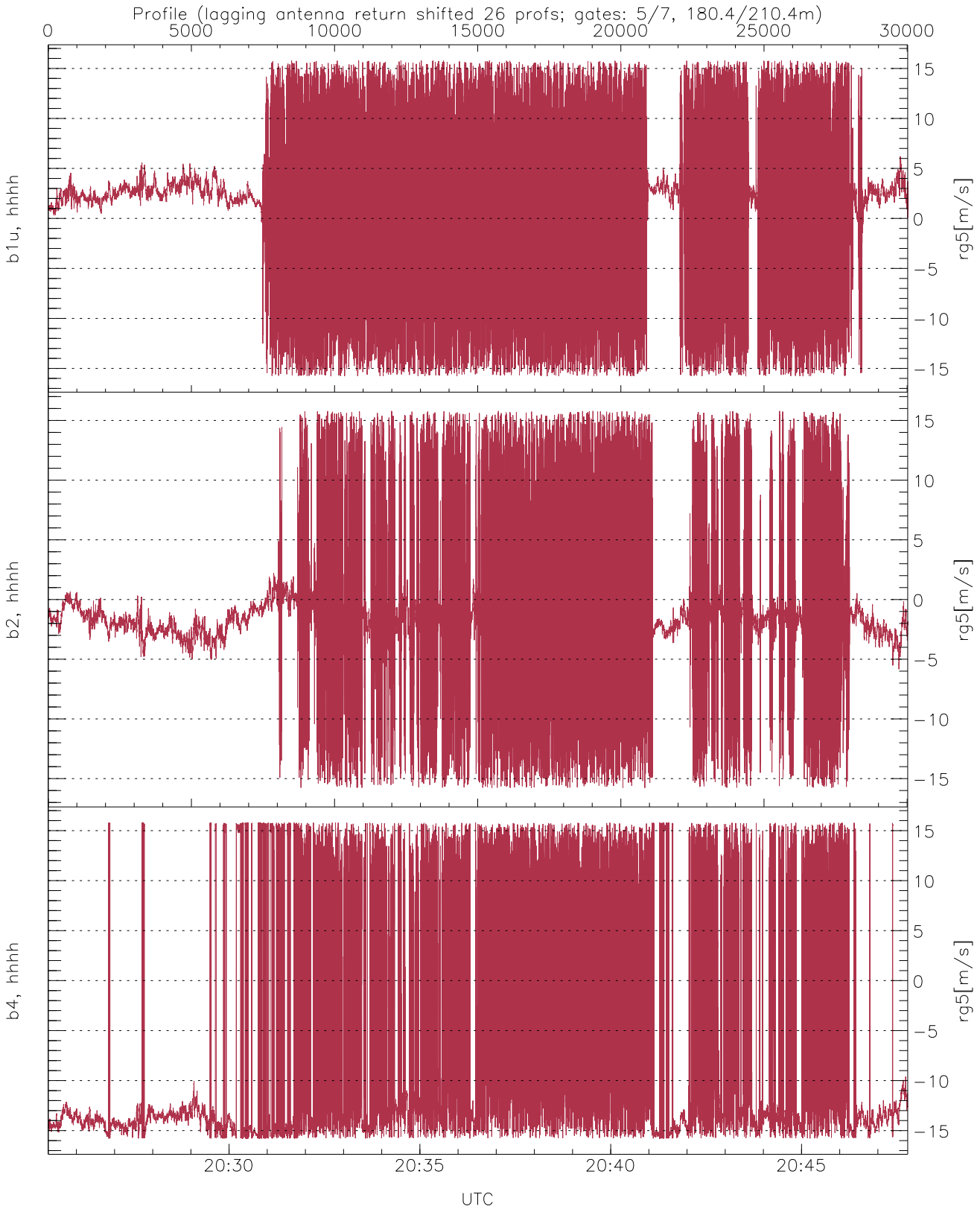
	Min	Max	Mean
up(hh[dBm])	-66.53	-4.91	-19.47
down(hh[dBm])	-66.34	-5.36	-20.23
down-fore(hh[dBm])	-66.11	-10.99	-24.74





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

	Min	Max	Mean
up/down(dB)	-56.82	36.64	-3.32
down/down-fore(dB)	-46.13	56.30	2.90



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	0.92	6.84
b2, hhhh(rg5[m/s])	-15.78	15.79	-0.92	5.74
b4, hhhh(rg5[m/s])	-15.79	15.79	-6.14	10.17