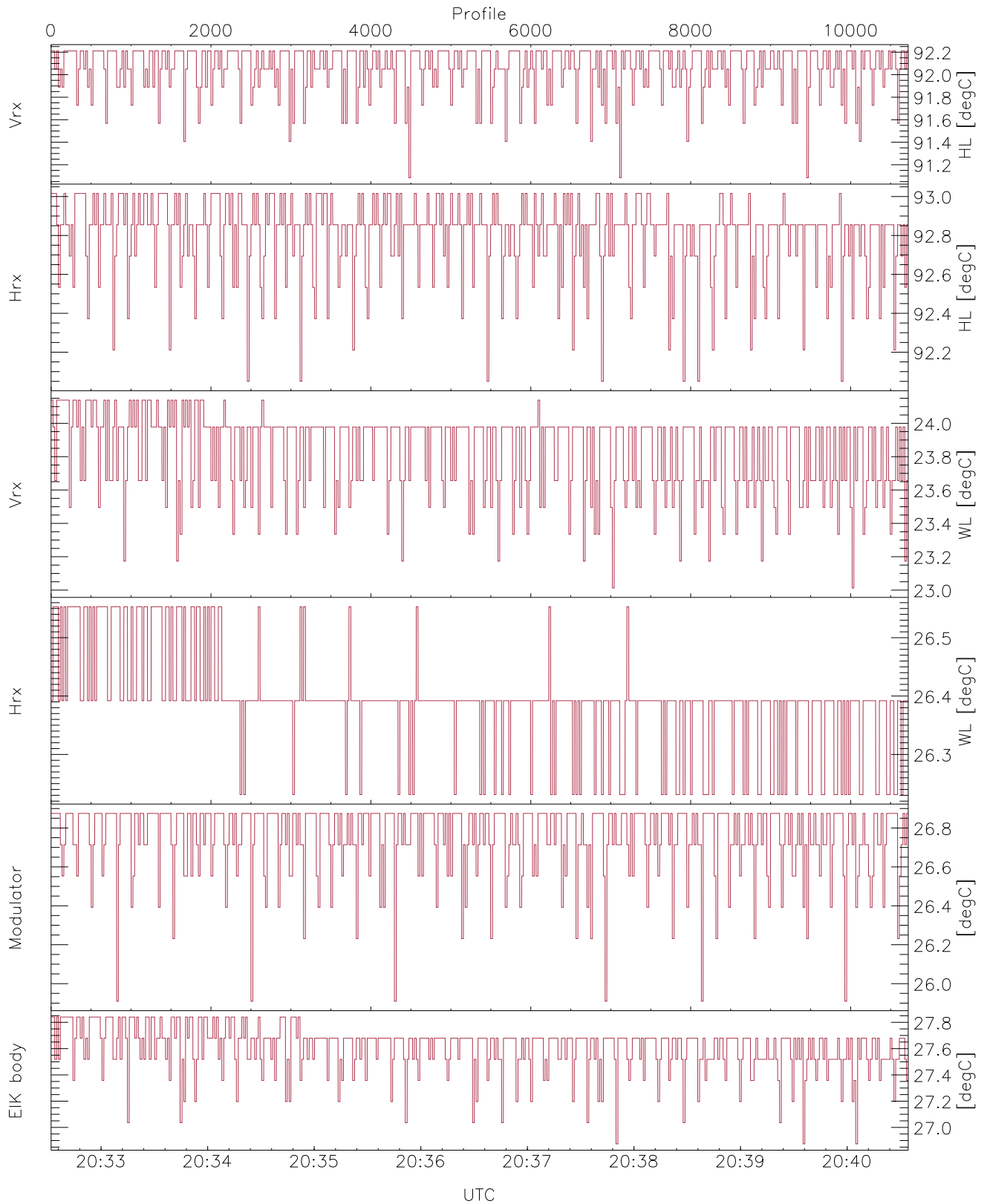


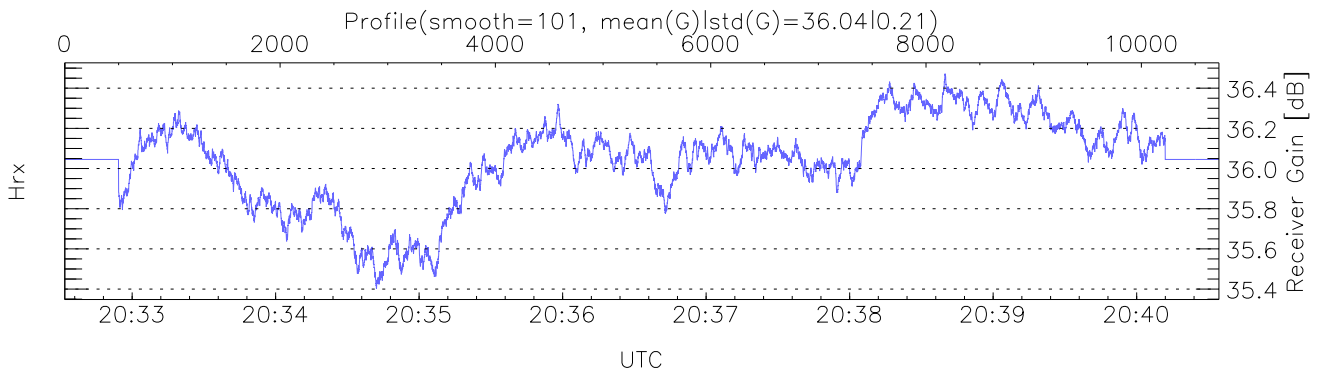
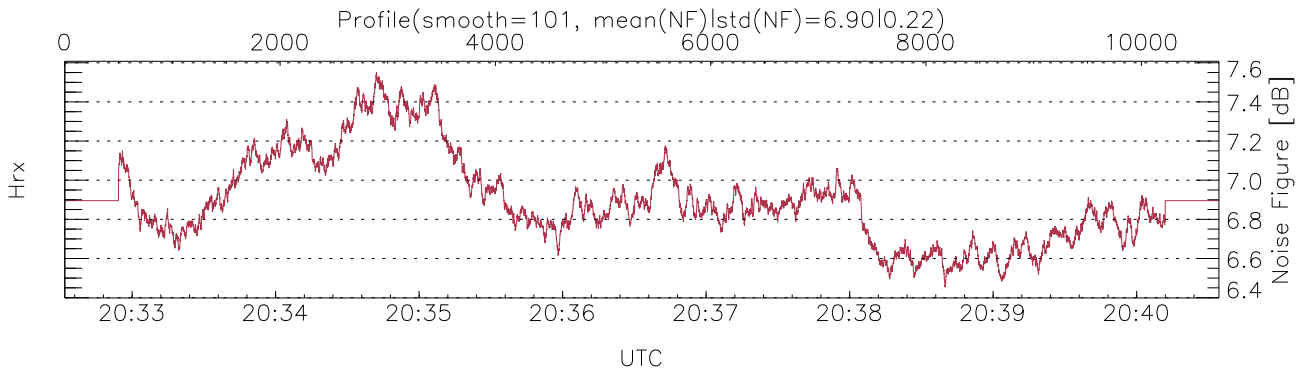
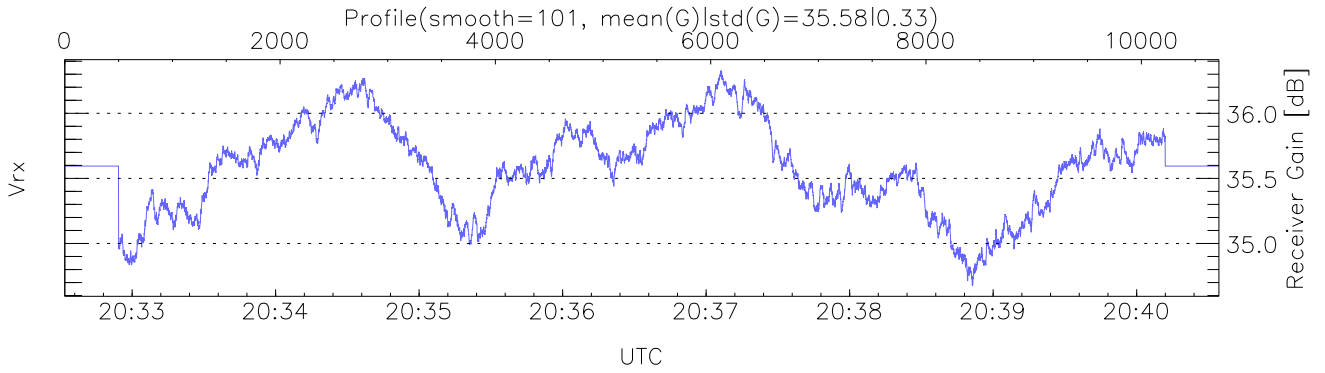
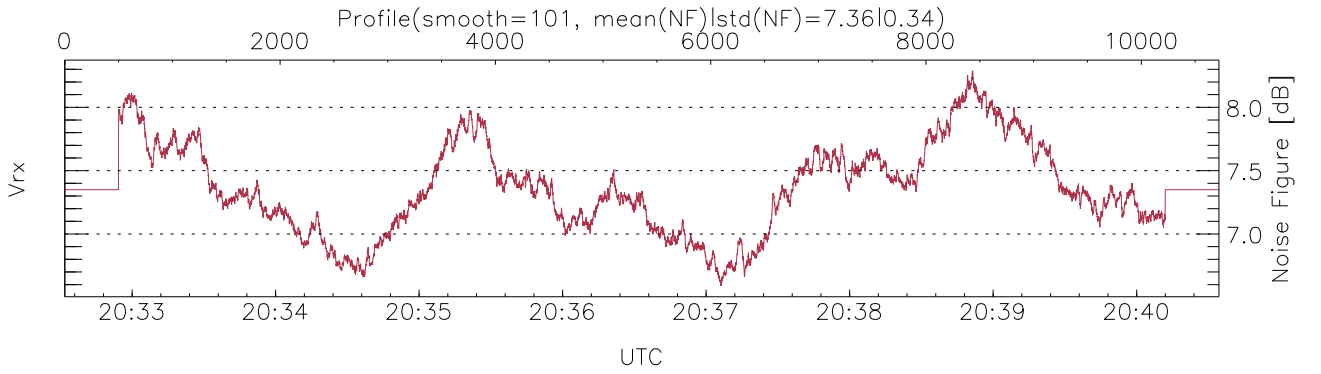
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 20:32:32-20:40:34, TimeCor: 0.00s, Dur: 482.57s
 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): 10722/10722, 0-10721/20:32:32-20:40:34
 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,rqs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



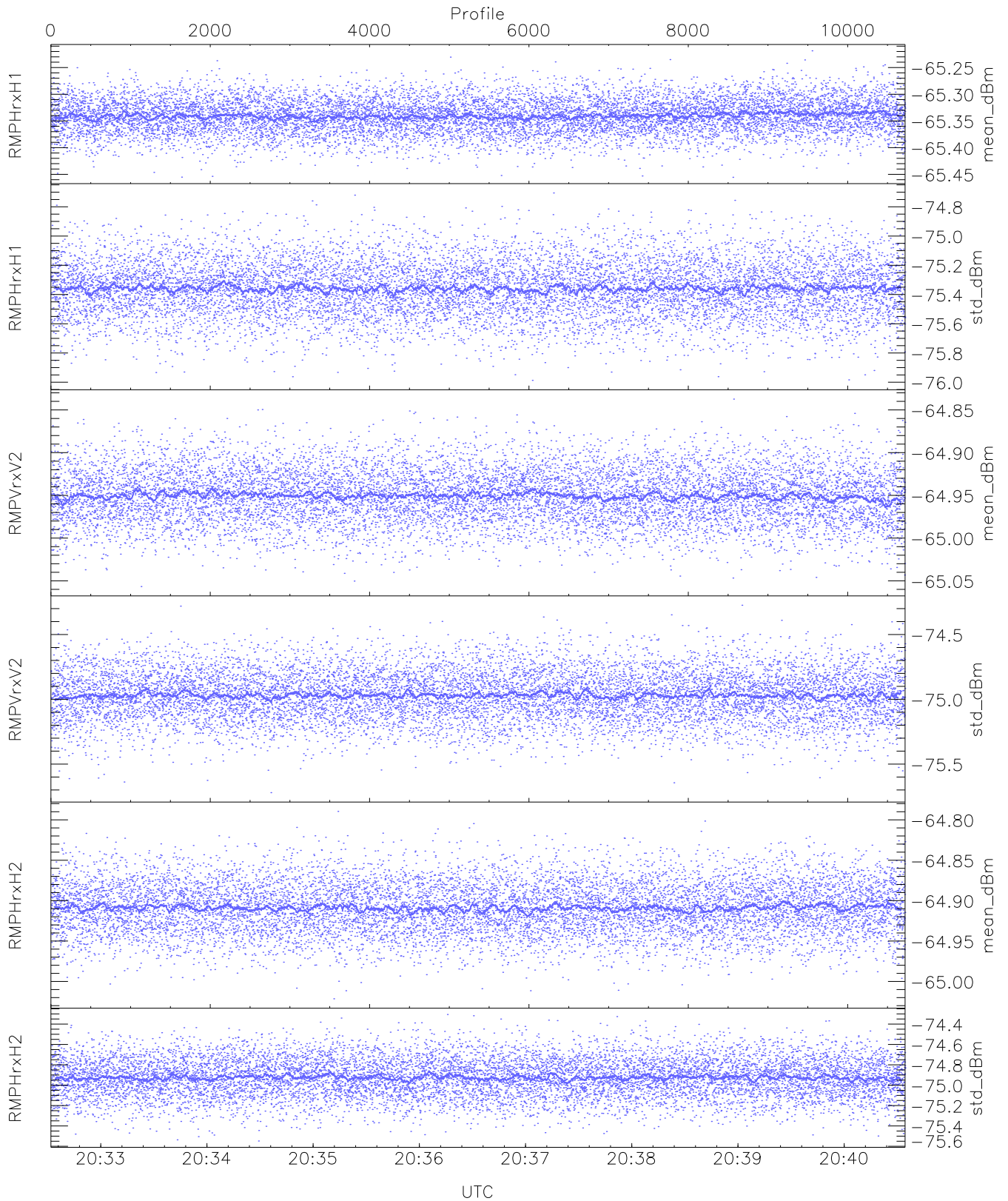
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,23,26,25,26
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,24,26,26,27
LOalarm(20,240,2817,14861 MHz): 0,0,22,0
EIK/Modulator Faults: None



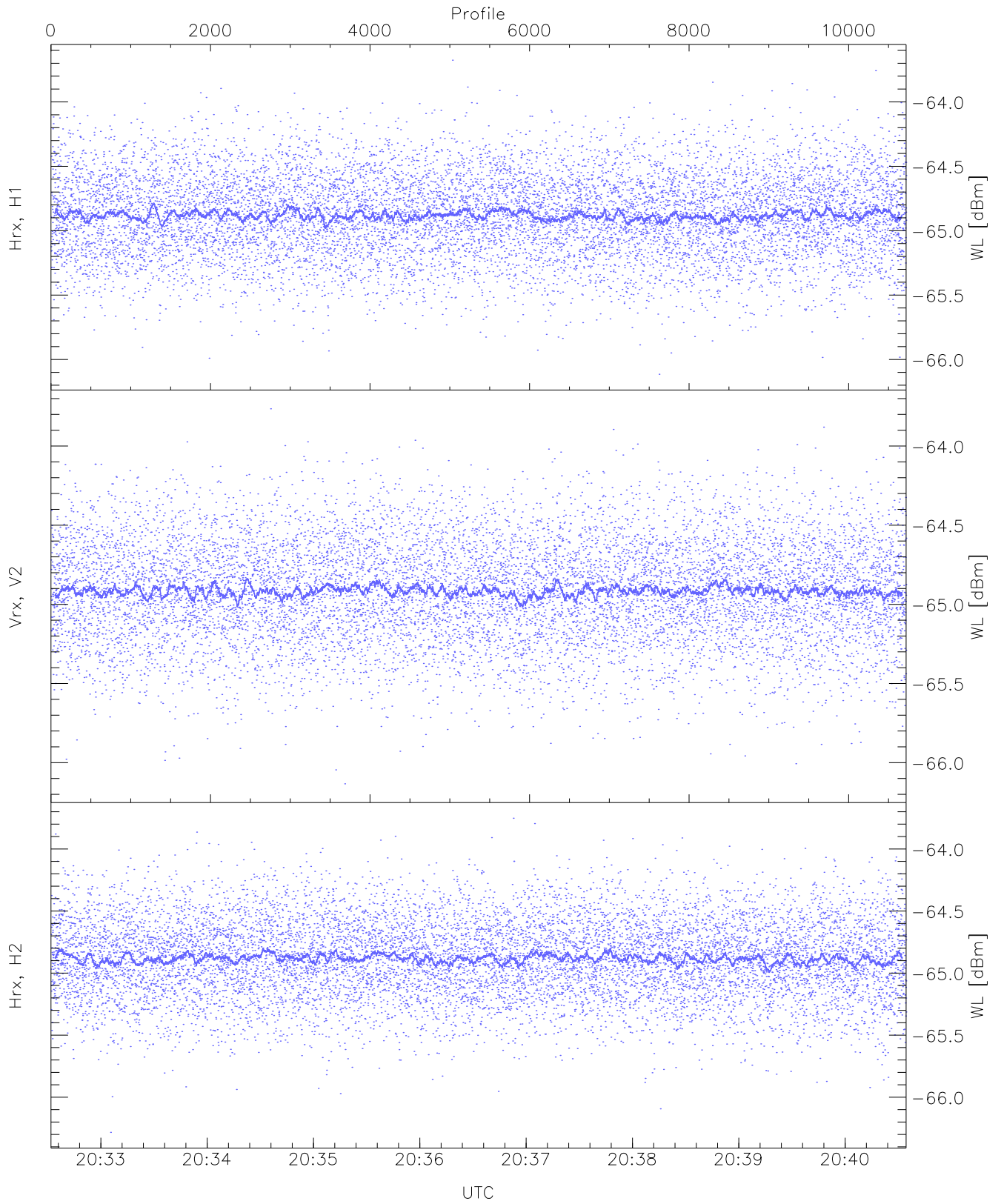
WCR3 CPP Receivers Gain and Noise Figure

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



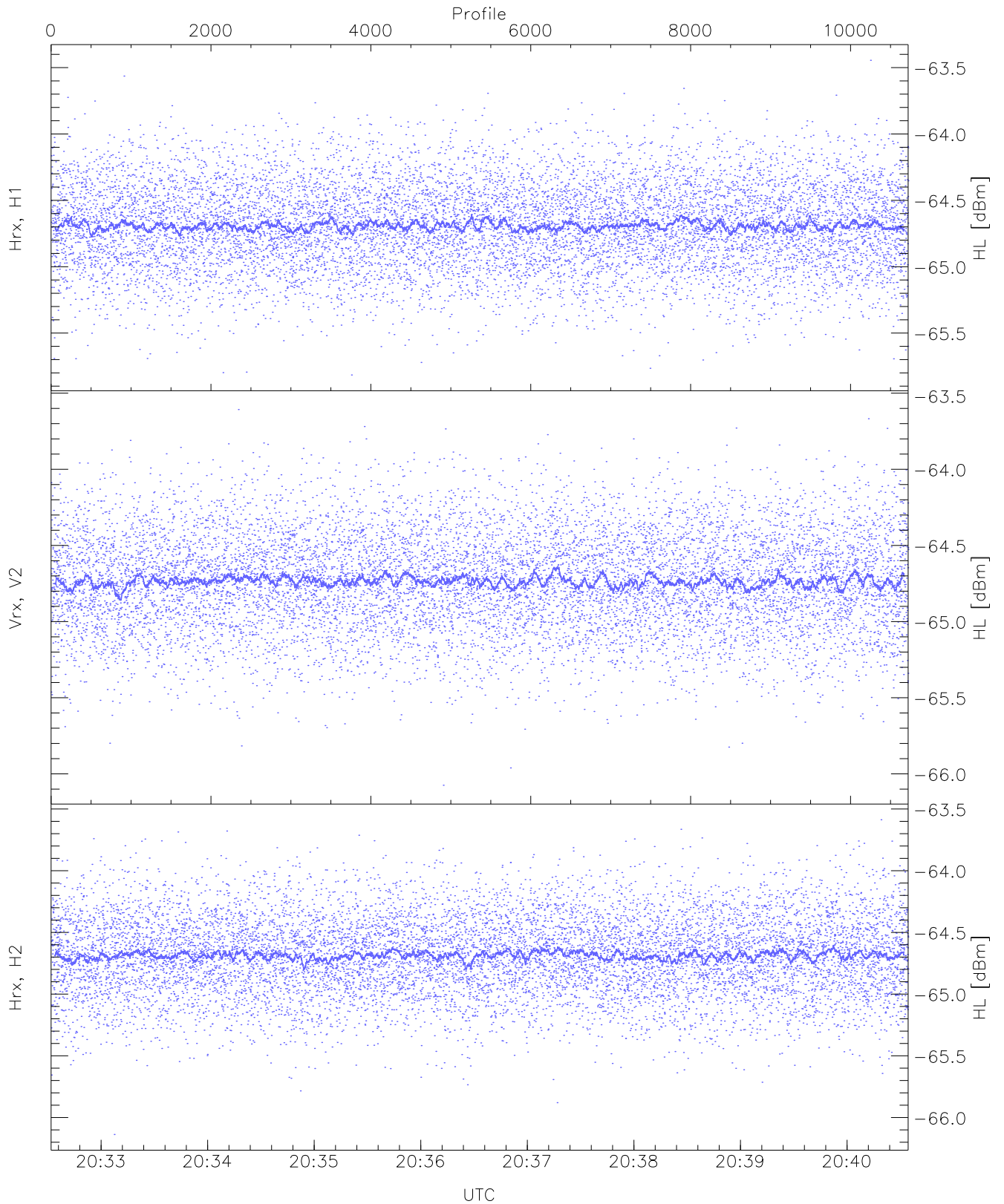
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.46	-65.22	-65.34	-65.34	-86.90
RMPHrxH1(std_dBm)	-75.99	-74.71	-75.36	-75.36	-89.21
RMPVrxV2(mean_dBm)	-65.06	-64.84	-64.95	-64.95	-86.59
RMPVrxV2(std_dBm)	-75.72	-74.27	-74.97	-74.97	-88.76
RMPHrxH2(mean_dBm)	-65.02	-64.79	-64.91	-64.91	-86.50
RMPHrxH2(std_dBm)	-75.55	-74.31	-74.92	-74.93	-88.75



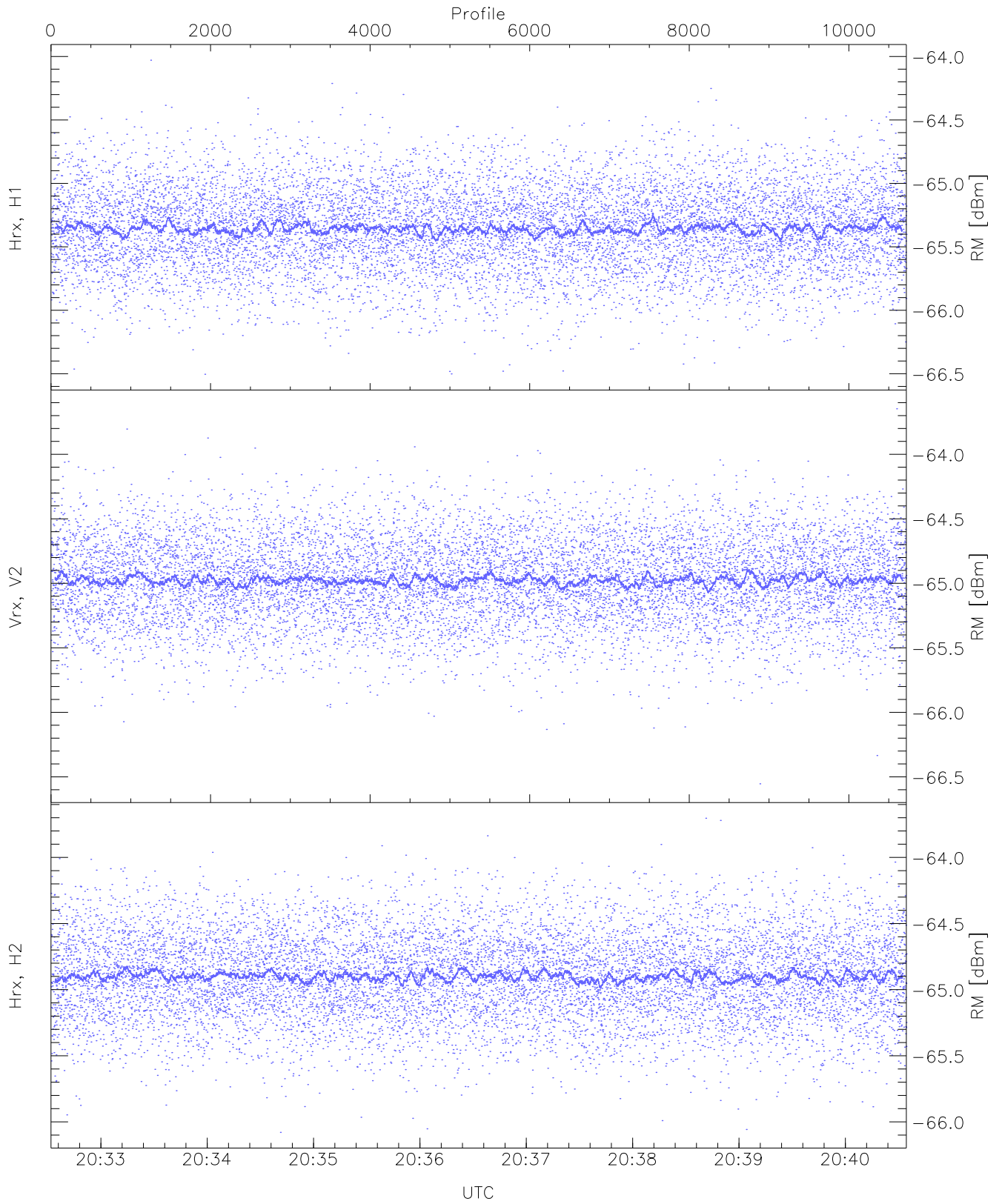
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.12	-63.68	-64.87	-64.88	-76.35
Vrx, V2 (WL [dBm])	-66.13	-63.76	-64.91	-64.92	-76.43
Hrx, H2 (WL [dBm])	-66.28	-63.75	-64.87	-64.88	-76.41



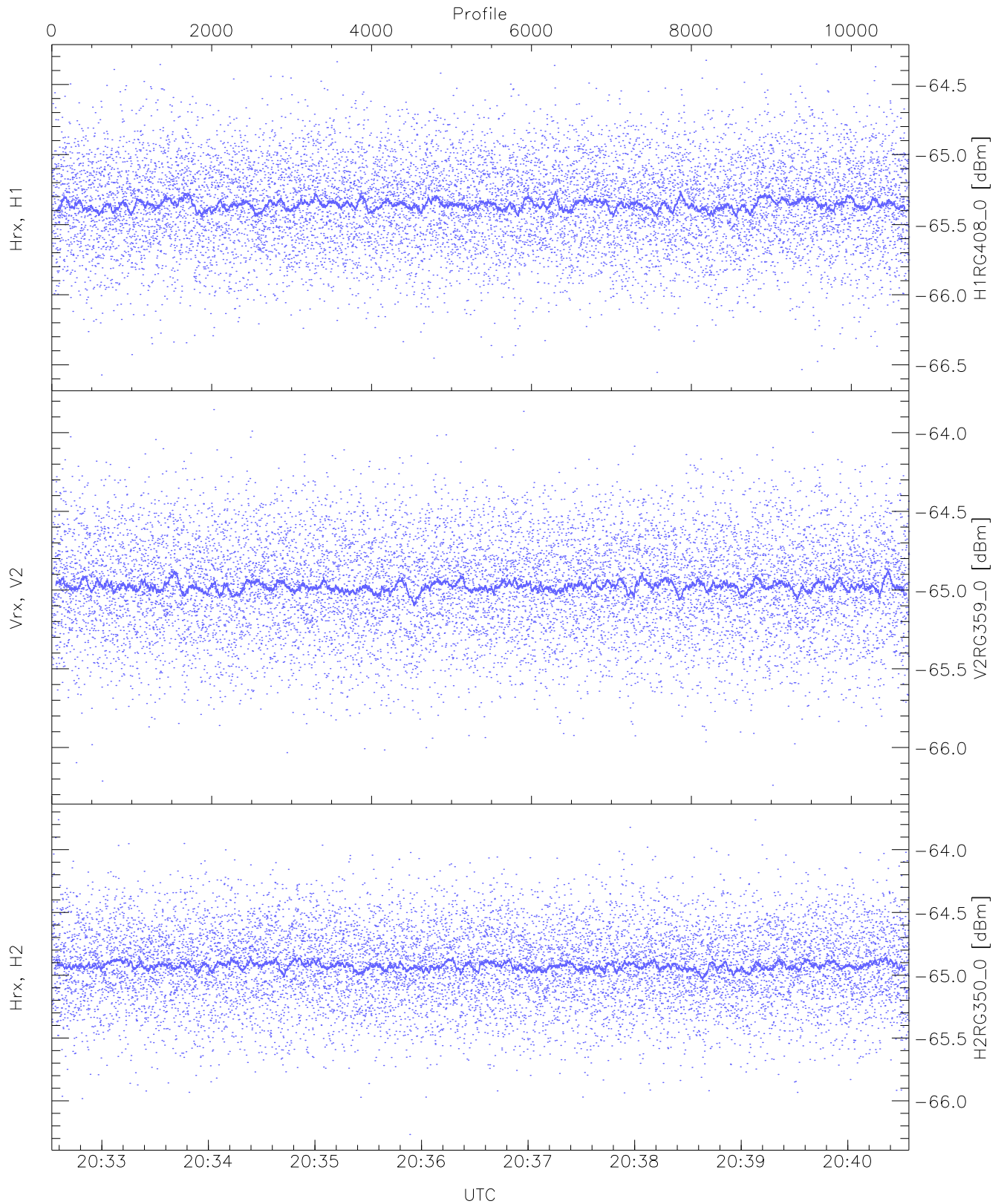
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.82	-63.44	-64.68	-64.69	-76.17
Vrx, V2 (HL [dBm])	-66.07	-63.61	-64.73	-64.74	-76.22
Hrx, H2 (HL [dBm])	-66.14	-63.59	-64.68	-64.68	-76.18



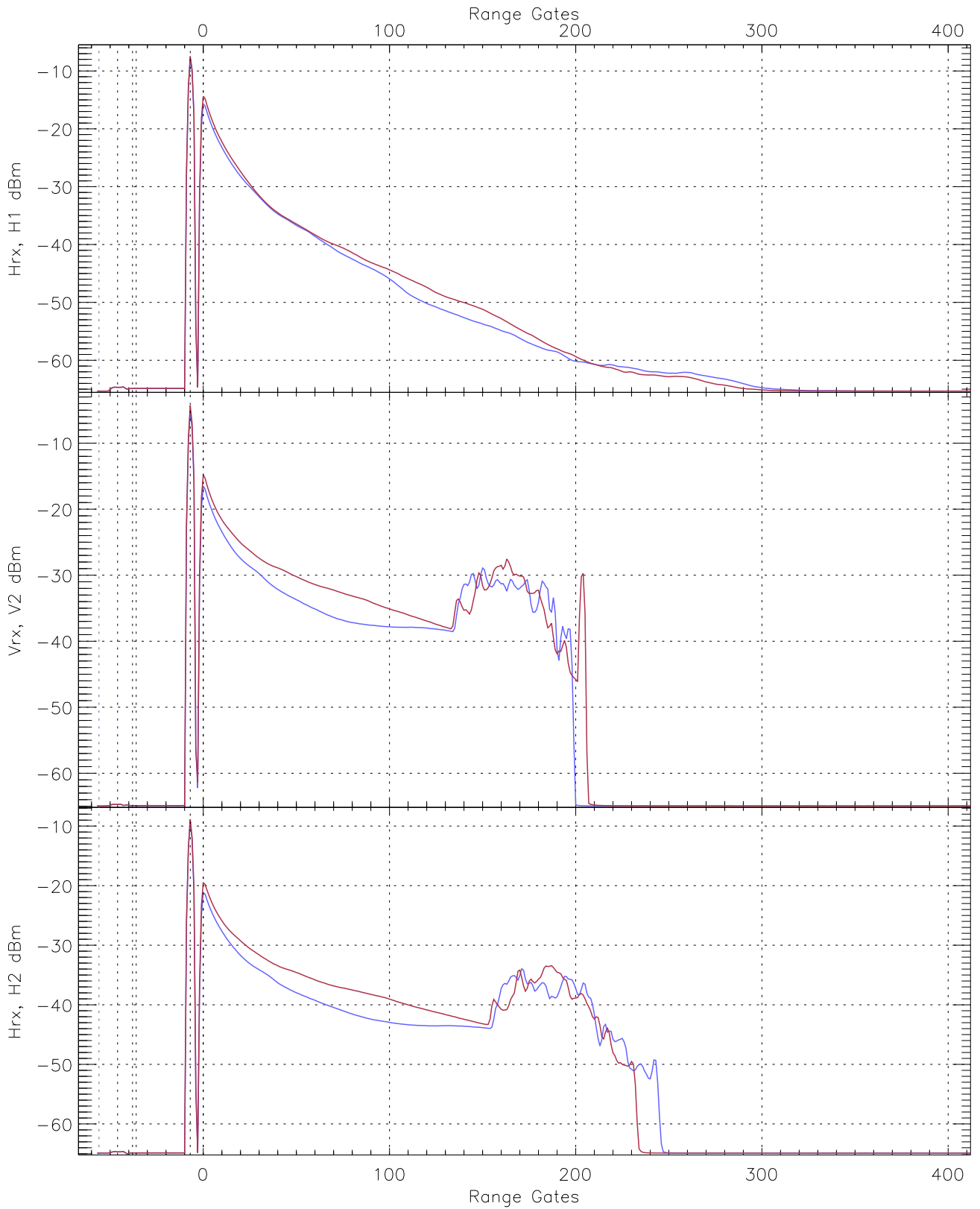
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.50	-64.03	-65.35	-65.35	-76.83
Vrx, V2 (RM [dBm])	-66.55	-63.65	-64.97	-64.98	-76.50
Hrx, H2 (RM [dBm])	-66.08	-63.70	-64.89	-64.90	-76.42

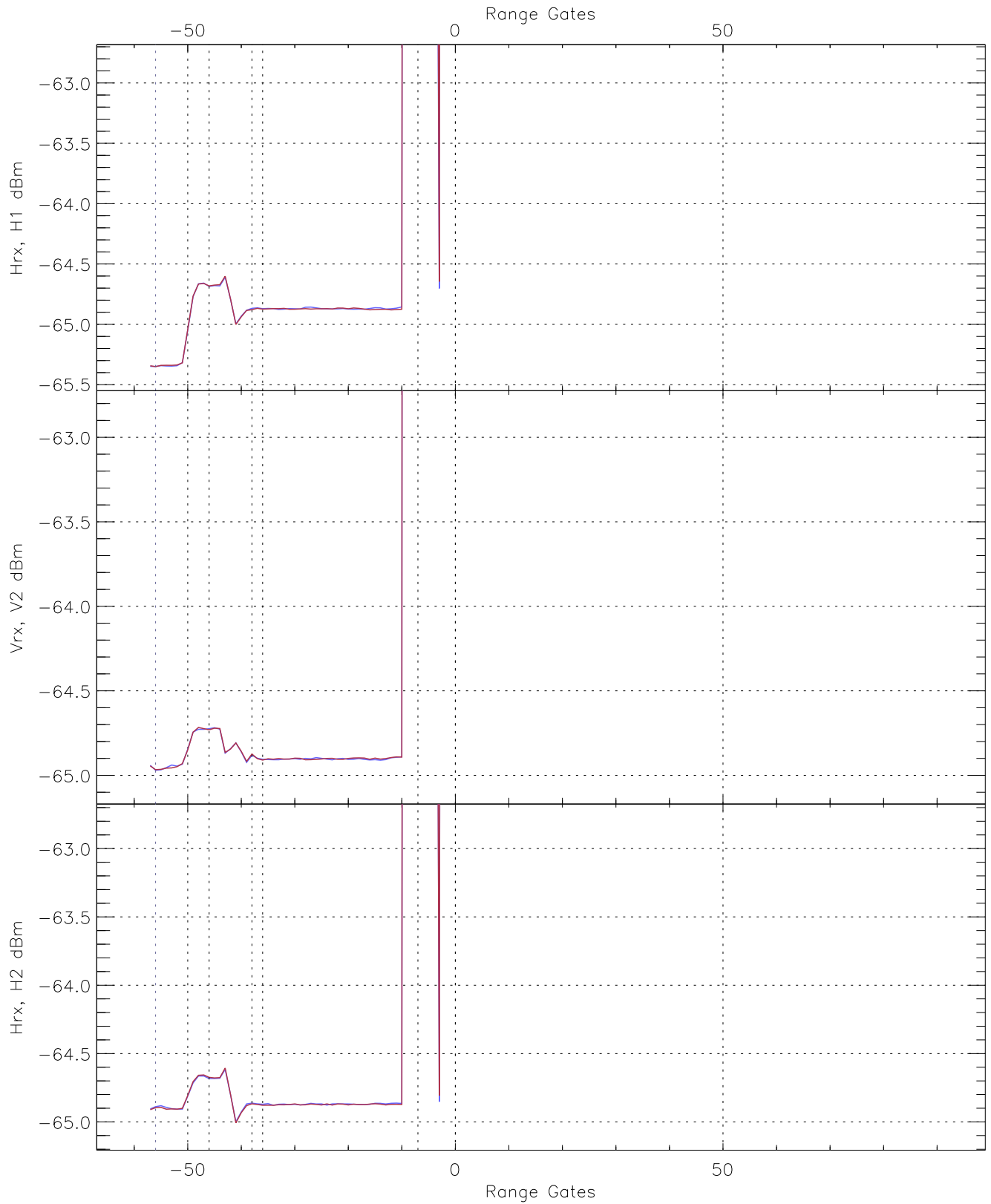


WCR3 CPP "Best" estimate Receivers Noise Power

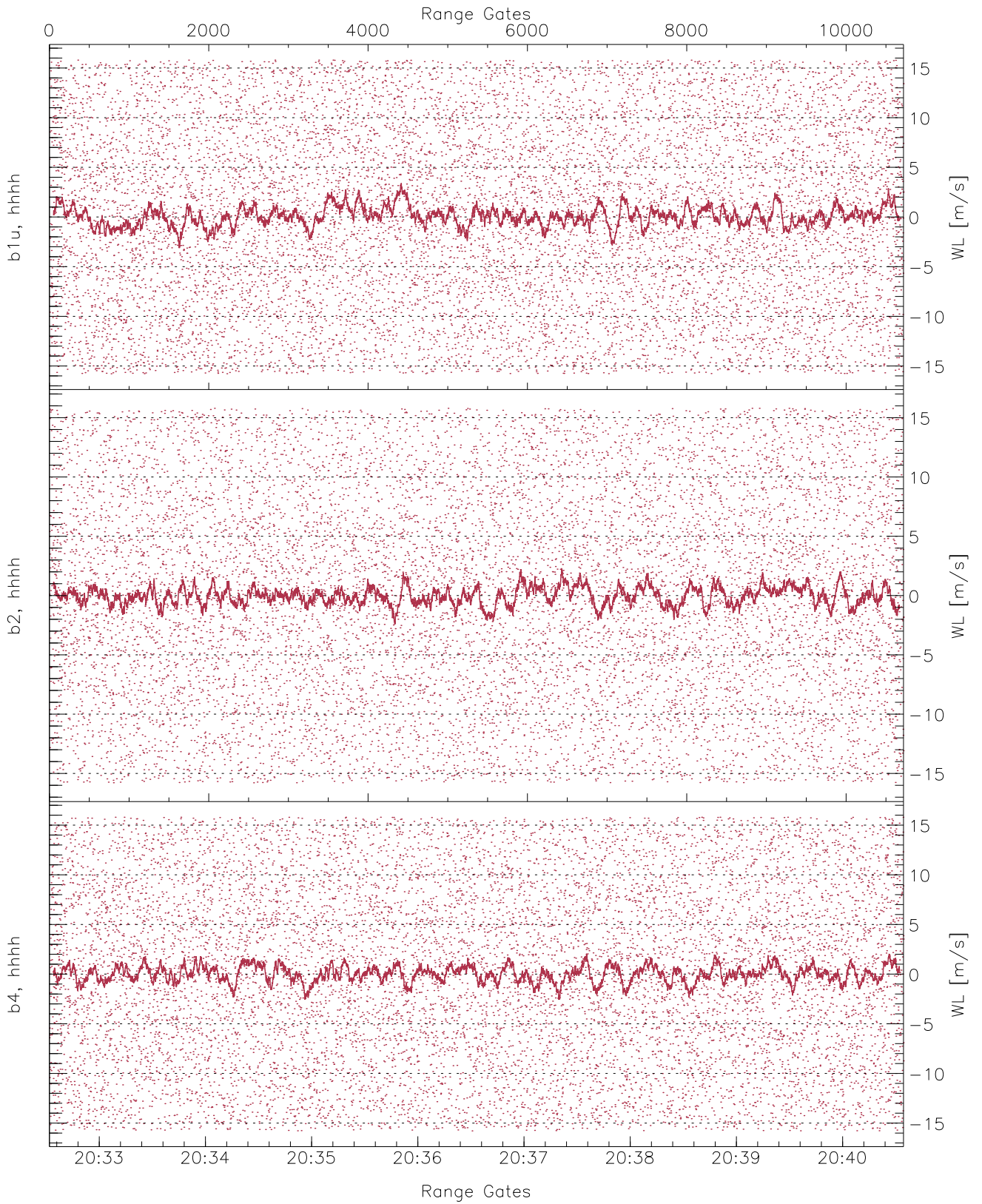
	Min	Max	Mean	Median	StDev
H1RG408_0 [dBm]	-66.57	-64.33	-65.35	-65.35	-76.85
V2RG359_0 [dBm]	-66.24	-63.85	-64.97	-64.97	-76.47
H2RG350_0 [dBm]	-66.27	-63.76	-64.92	-64.92	-76.43



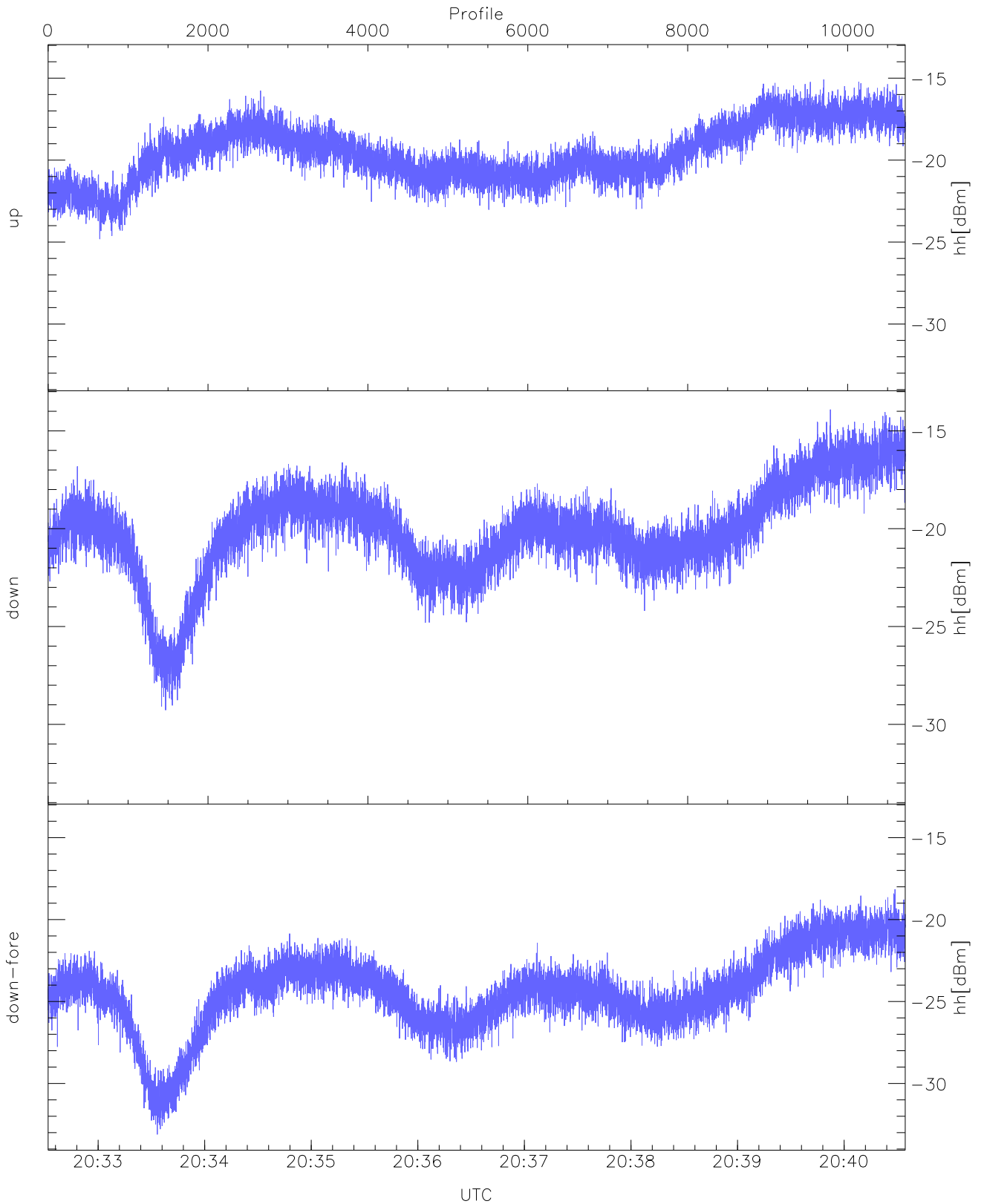
WCR3 CPP Averaged Received power for all recorded gates
blue: 203232-203633, 5362 profiles averaged
red: 203633-204034, 5361 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 203232-203633, 5362 profiles averaged
red: 203633-204034, 5361 profiles averaged

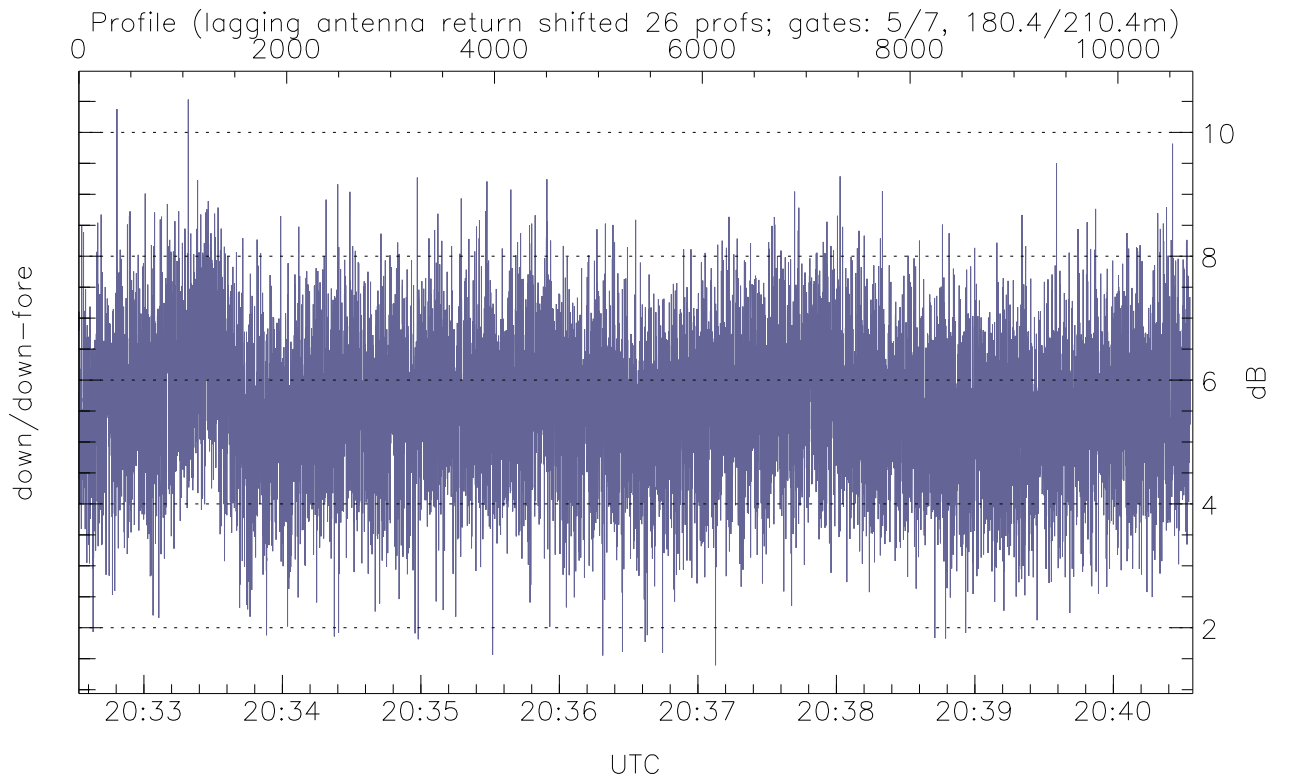
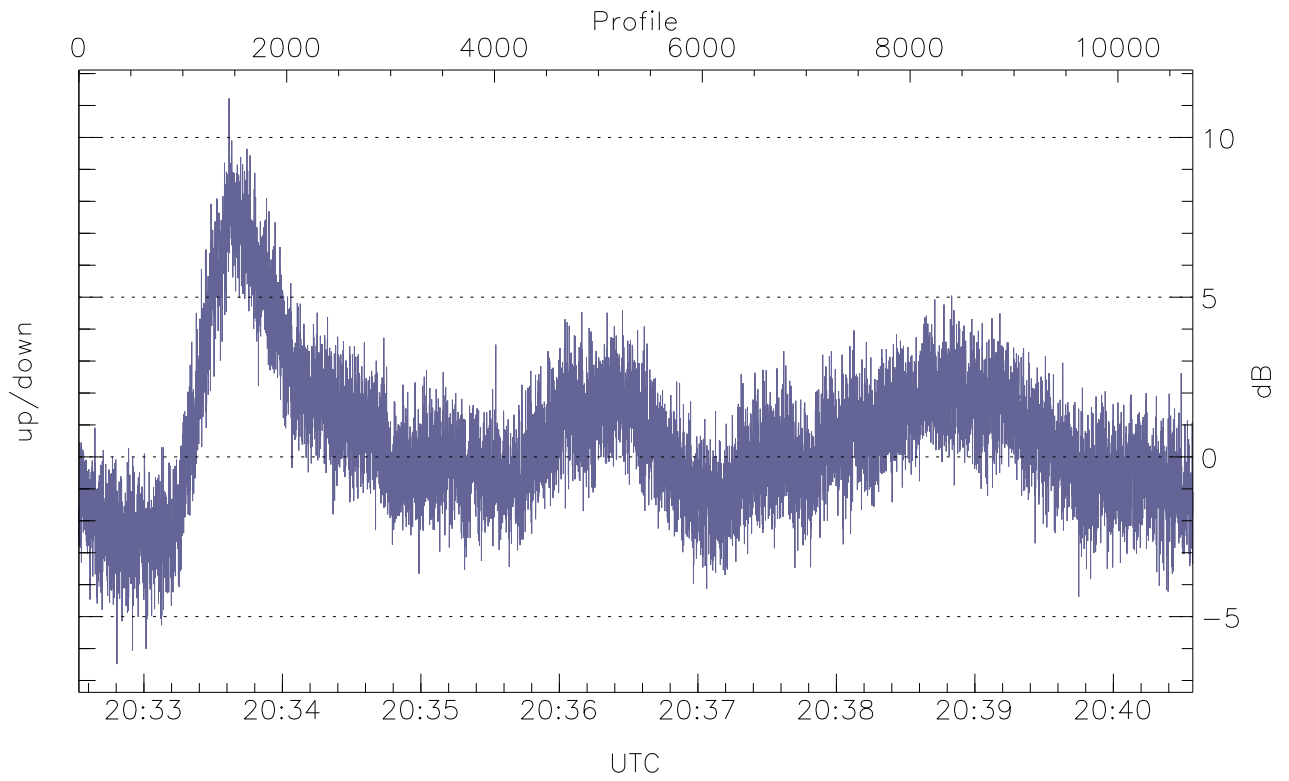


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



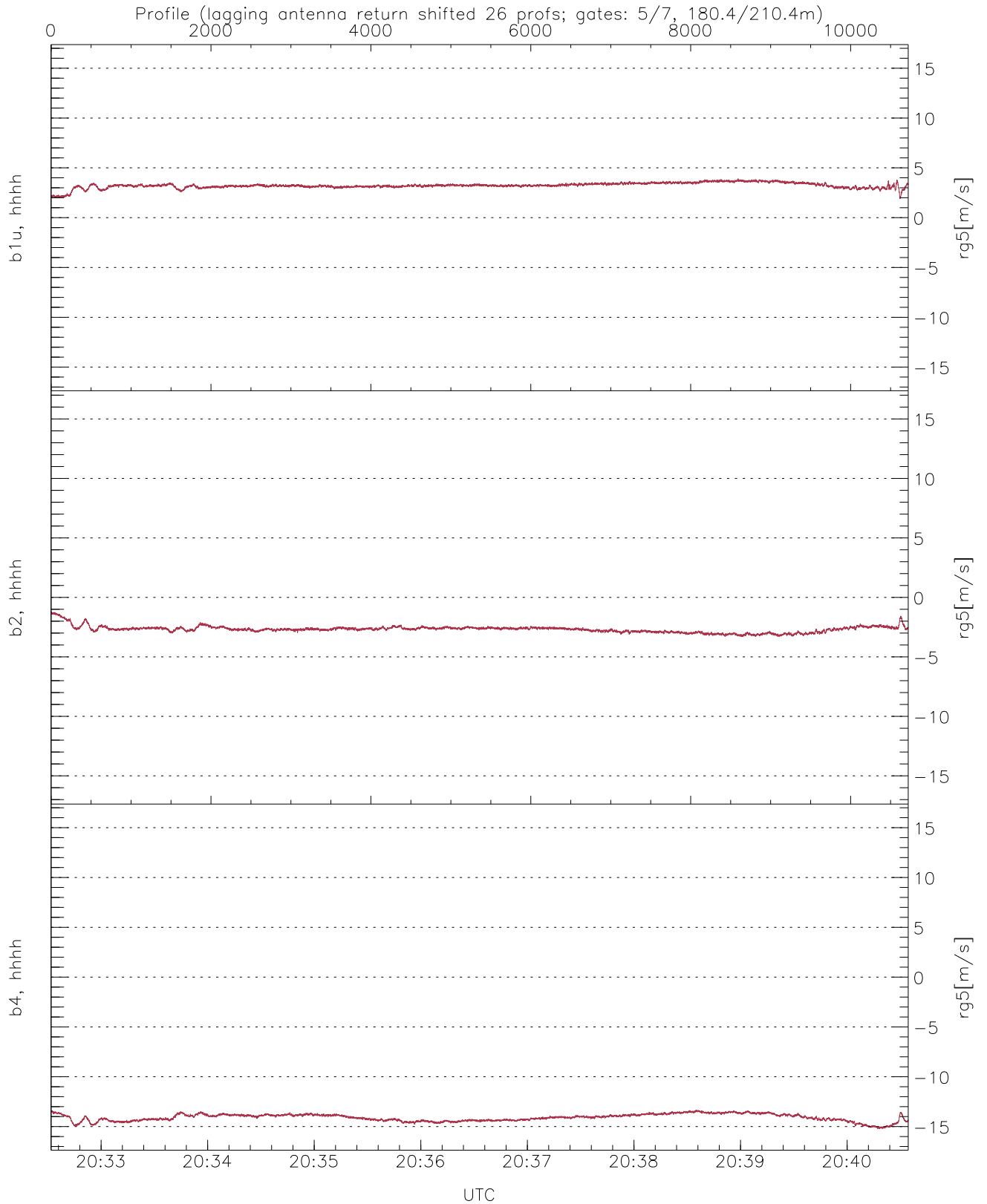
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-24.82	-15.08	-19.23
down(hh[dBm])	-29.28	-13.91	-19.55
down-fore(hh[dBm])	-33.11	-18.15	-23.84



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

	Min	Max	Mean
up/down (dB)	-6.49	11.22	0.57
down/down-fore (dB)	1.39	10.53	5.55



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	1.88	3.92	3.23	0.28
b2, hhhh(rg5[m/s])	-3.32	-1.21	-2.68	0.28
b4, hhhh(rg5[m/s])	-15.23	-13.32	-14.10	0.37