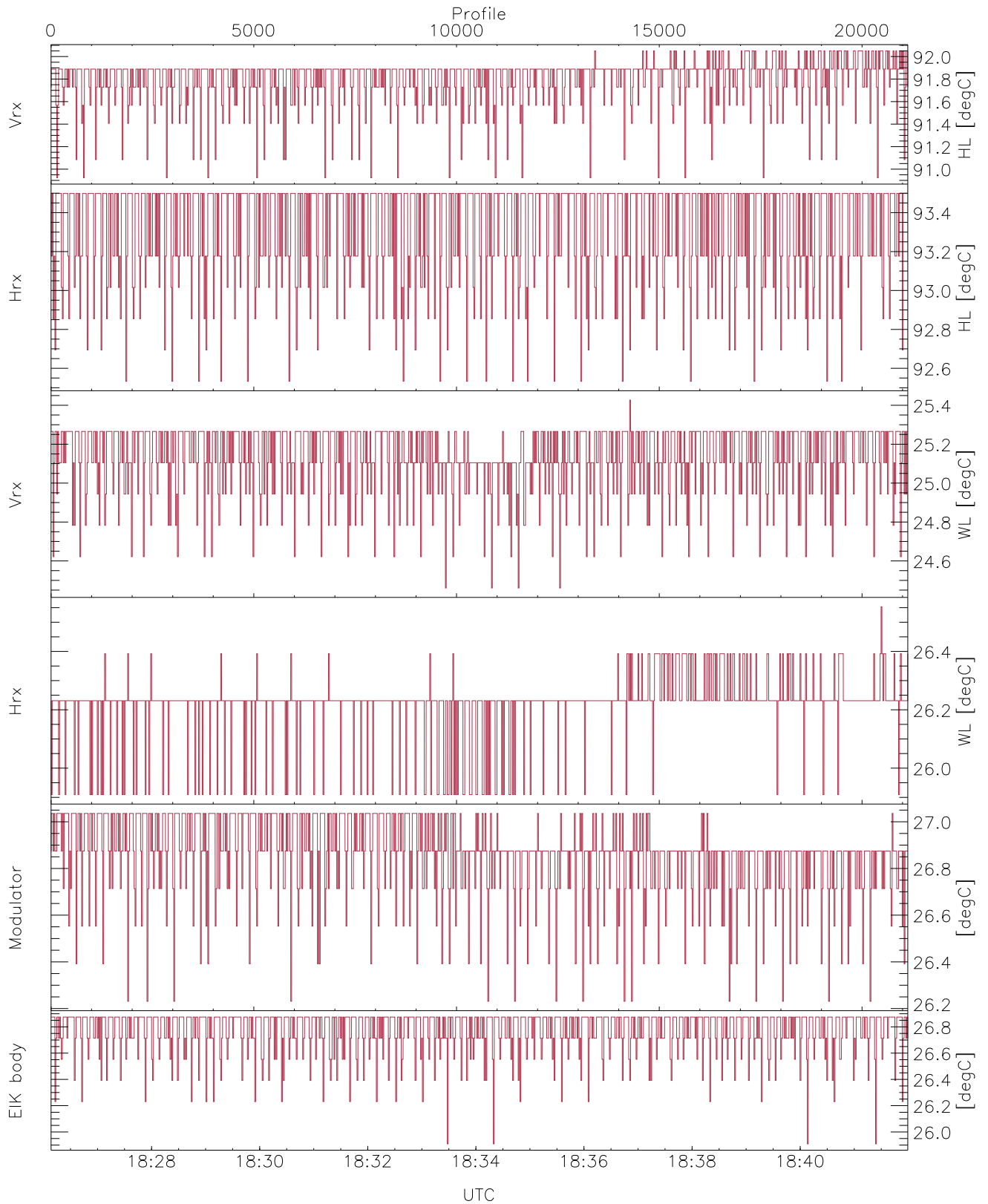




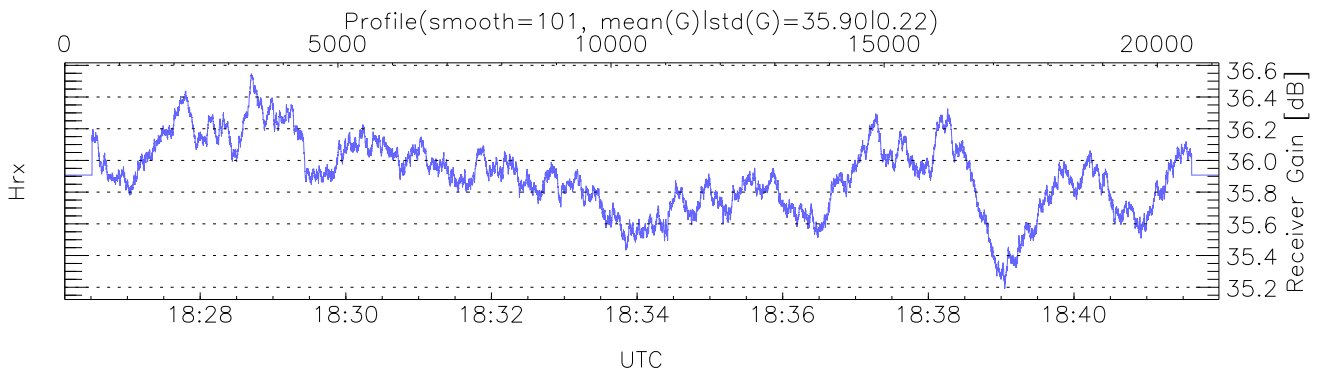
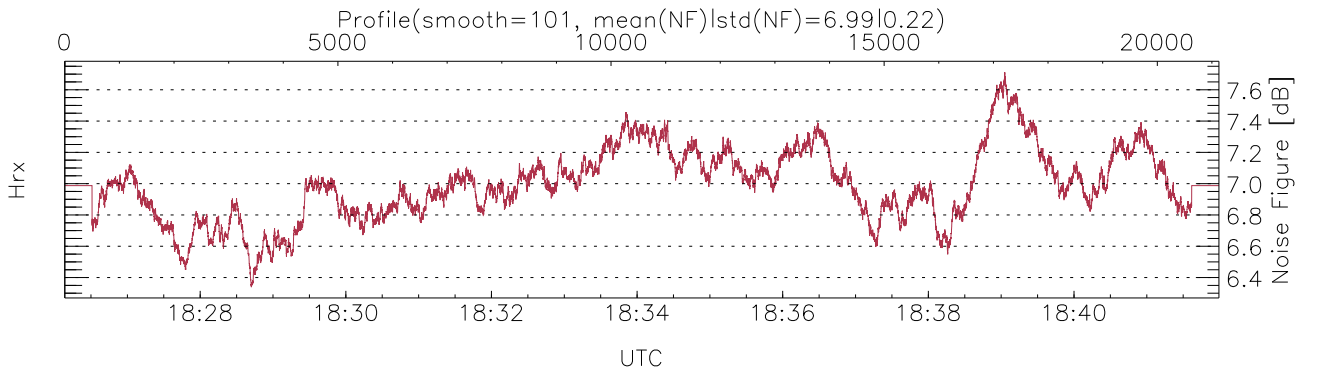
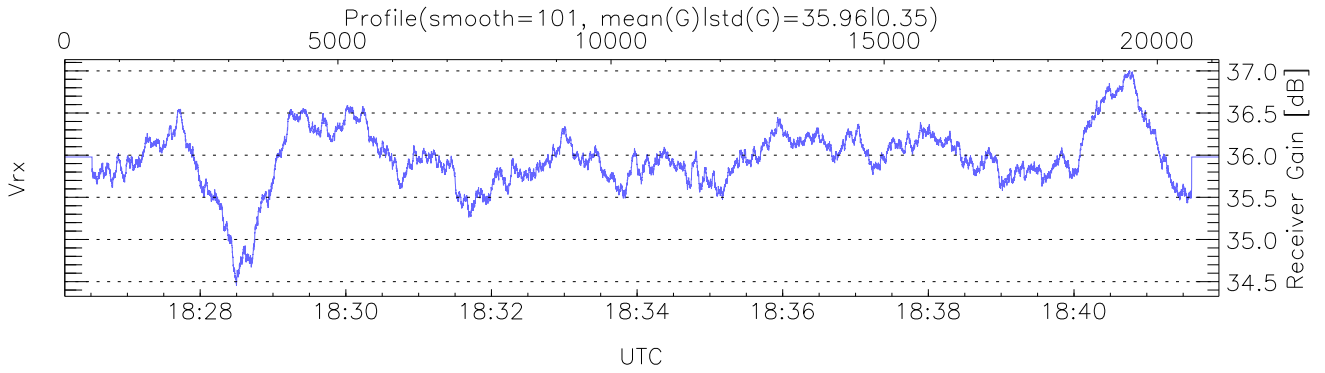
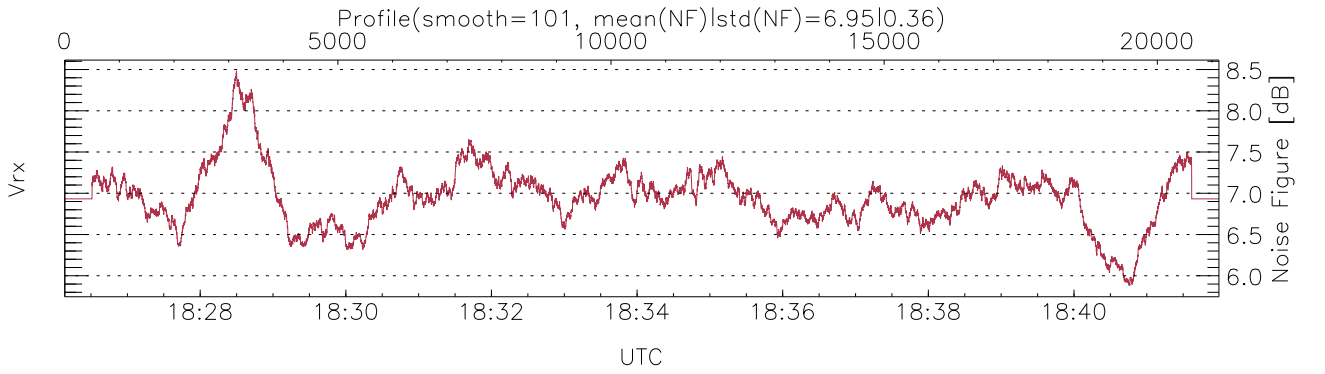
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 18:26:08-18:41:59, TimeCor: 0.00s, Dur: 951.04s
 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): 21130/21130, 0-21129/18:26:08-18:41:59
 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



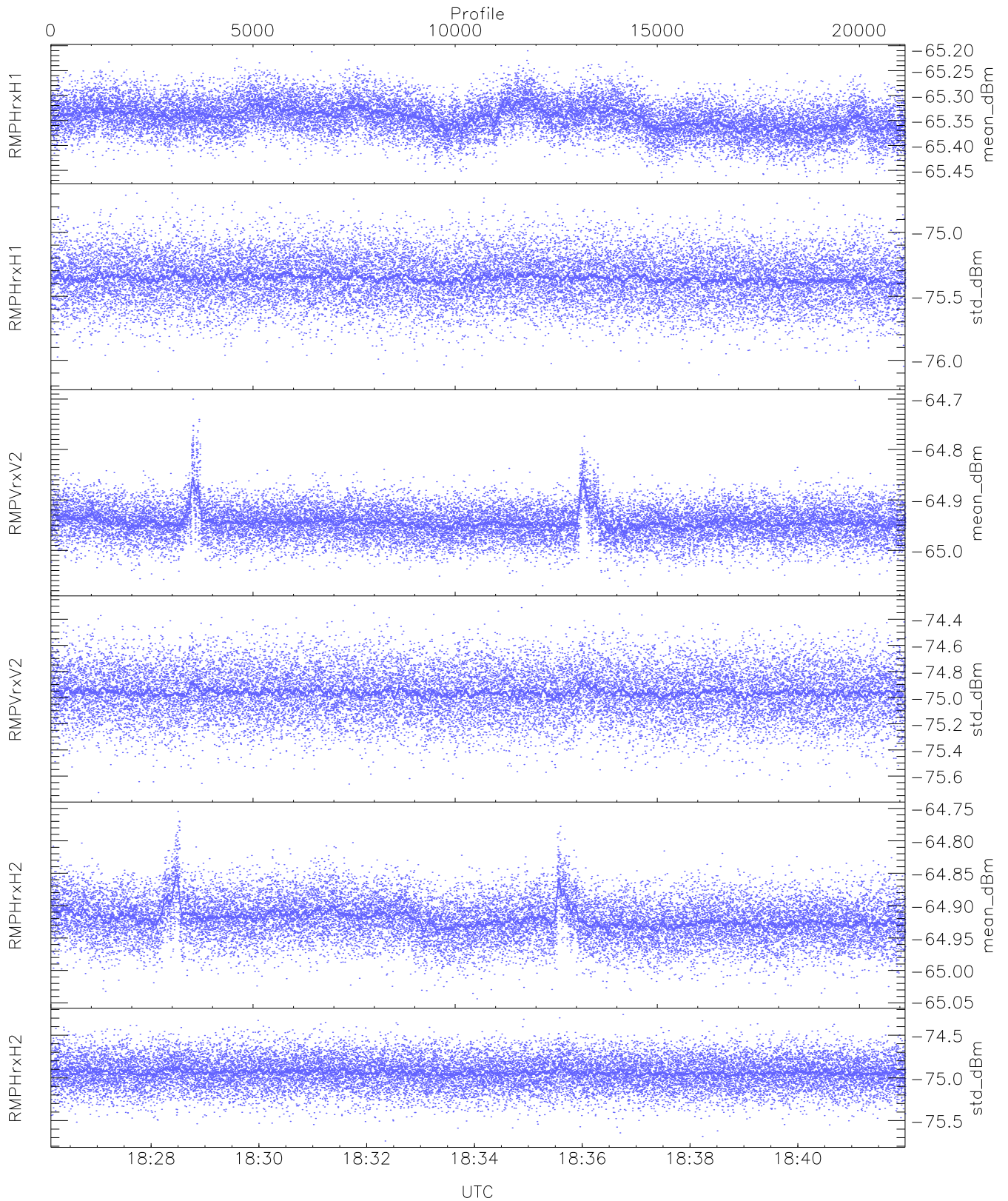
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,24,25,26,25`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,25,26,27,26`
`LOalarm(20,240,2817,14861 MHz): 0,0,47,0`
`EIK/Modulator Faults: None`



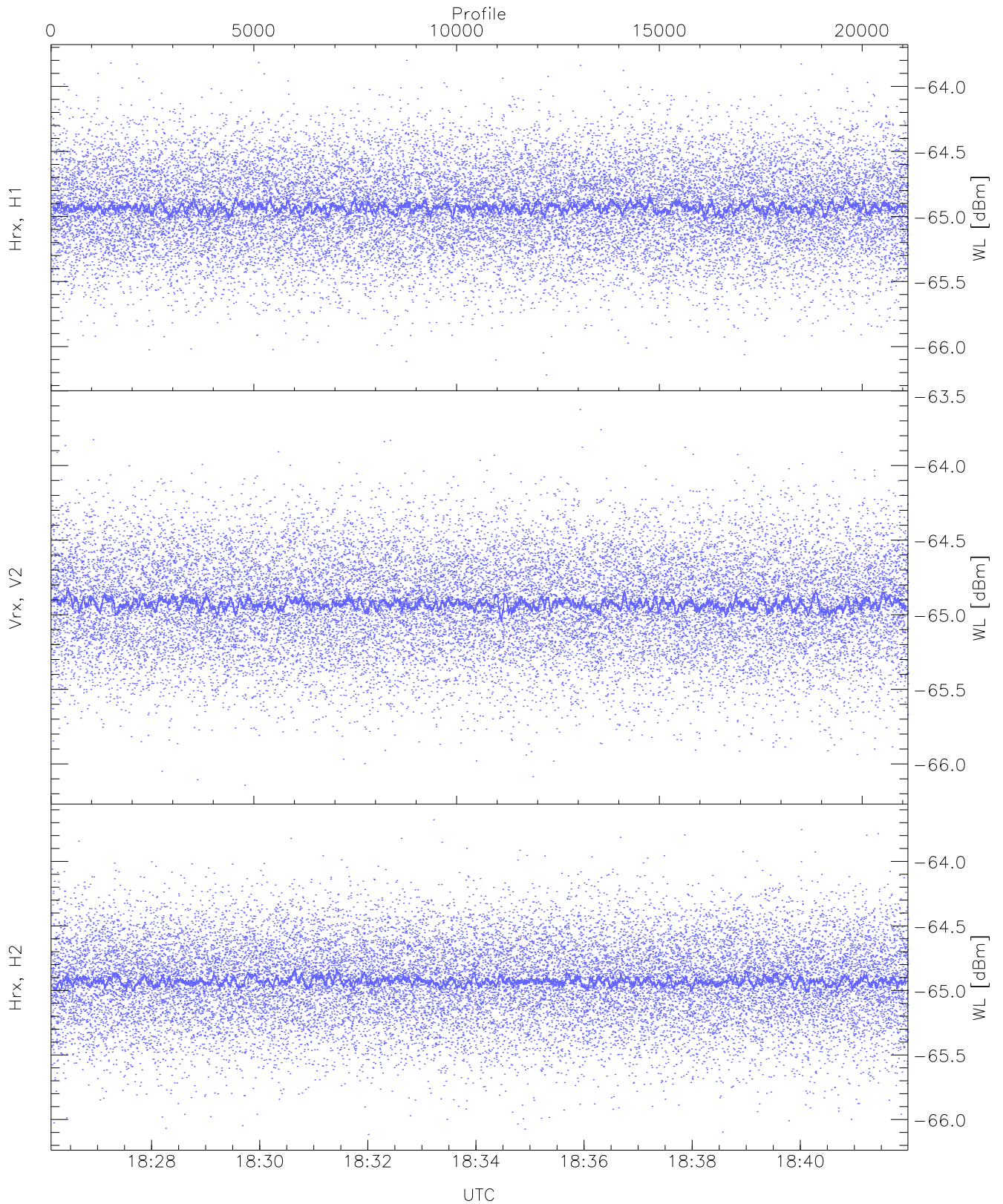
WCR3 CPP Receivers Gain and Noise Figure

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



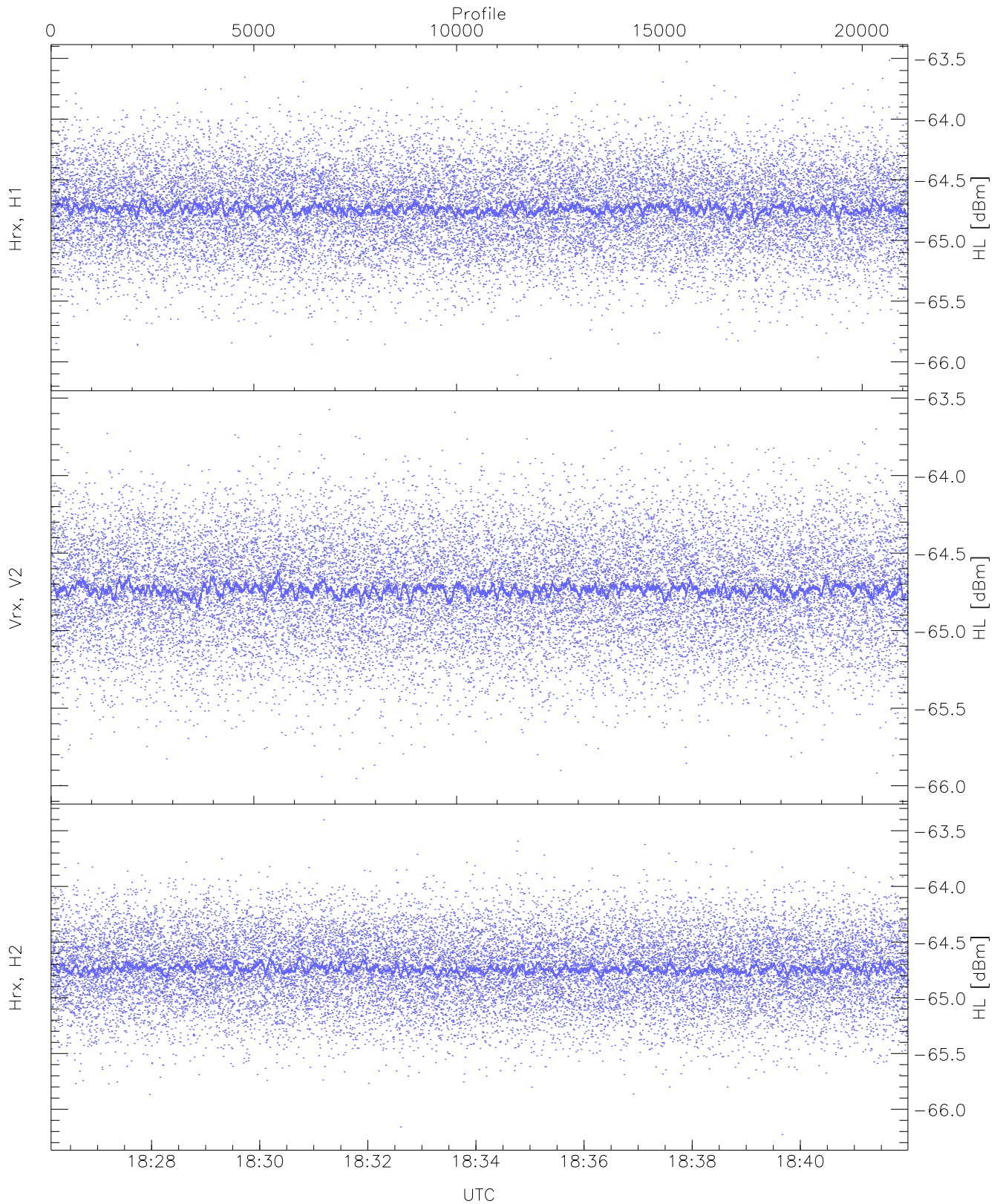
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.46	-65.21	-65.34	-65.34	-86.43
RMPHrxH1(std_dBm)	-76.16	-74.69	-75.36	-75.36	-89.12
RMPVrxV2(mean_dBm)	-65.07	-64.70	-64.94	-64.94	-86.08
RMPVrxV2(std_dBm)	-75.73	-74.29	-74.96	-74.96	-88.73
RMPHrxH2(mean_dBm)	-65.04	-64.75	-64.92	-64.92	-86.19
RMPHrxH2(std_dBm)	-75.74	-74.26	-74.94	-74.94	-88.75



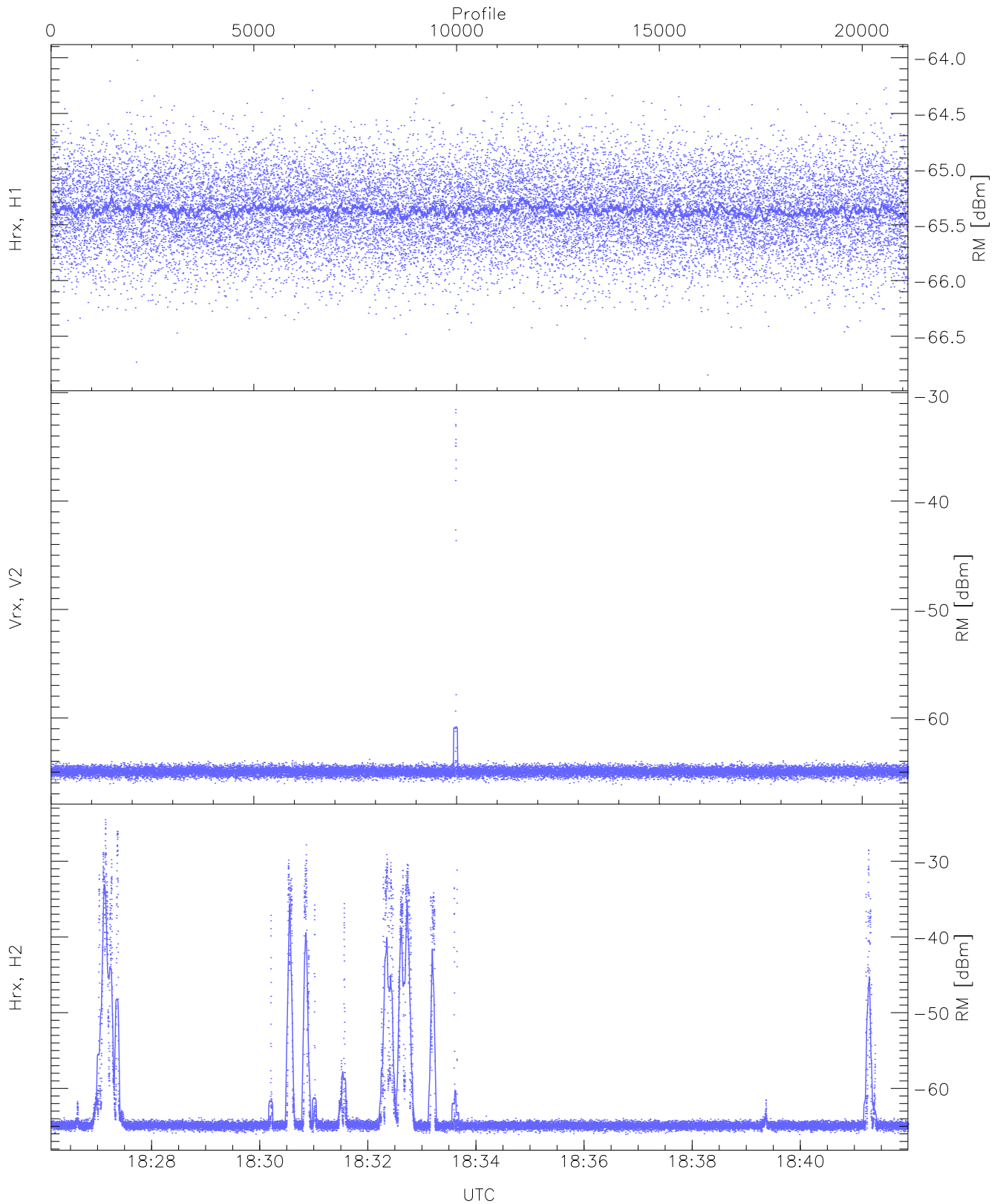
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.22	-63.80	-64.92	-64.93	-76.38
Vrx, V2 (WL [dBm])	-66.14	-63.62	-64.92	-64.93	-76.44
Hrx, H2 (WL [dBm])	-66.12	-63.68	-64.92	-64.93	-76.44



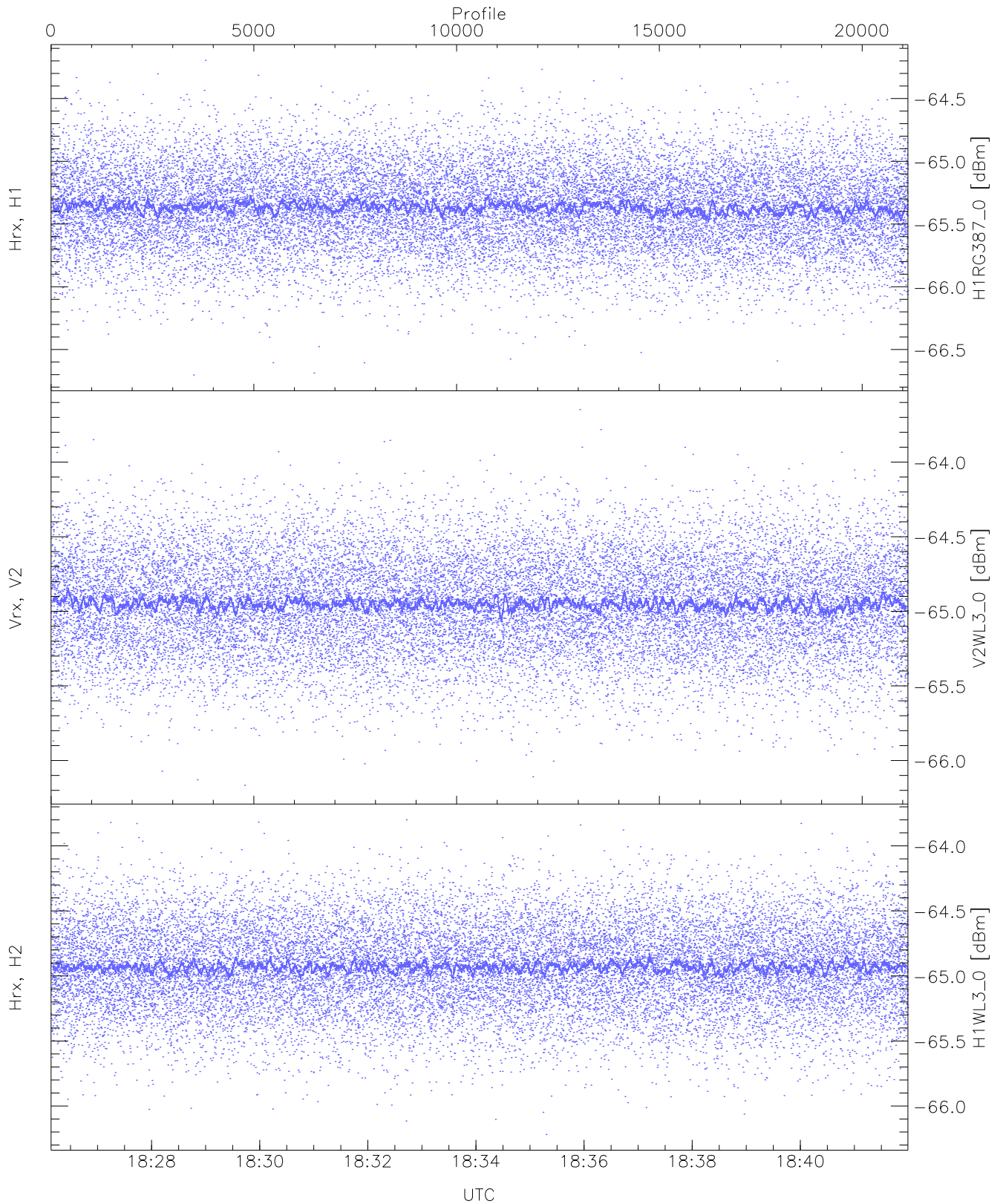
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.11	-63.52	-64.73	-64.74	-76.21
Vrx, V2 (HL [dBm])	-66.00	-63.57	-64.73	-64.73	-76.24
Hrx, H2 (HL [dBm])	-66.23	-63.40	-64.73	-64.74	-76.26



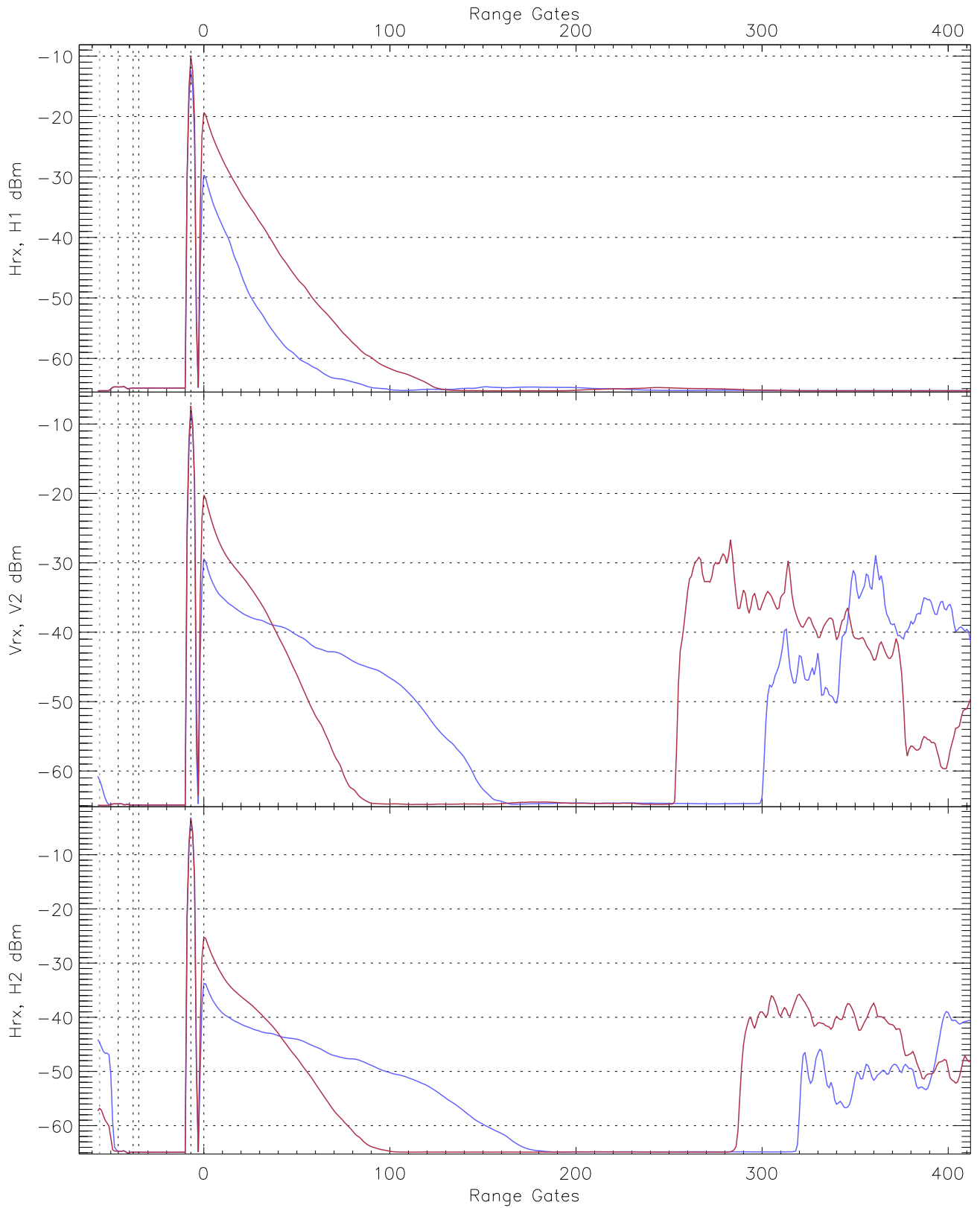
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.85	-64.02	-65.36	-65.37	-76.85
Vrx, V2 (RM [dBm])	-66.21	-31.56	-62.77	-64.95	-50.13
Hrx, H2 (RM [dBm])	-66.08	-24.53	-47.46	-64.84	-39.27

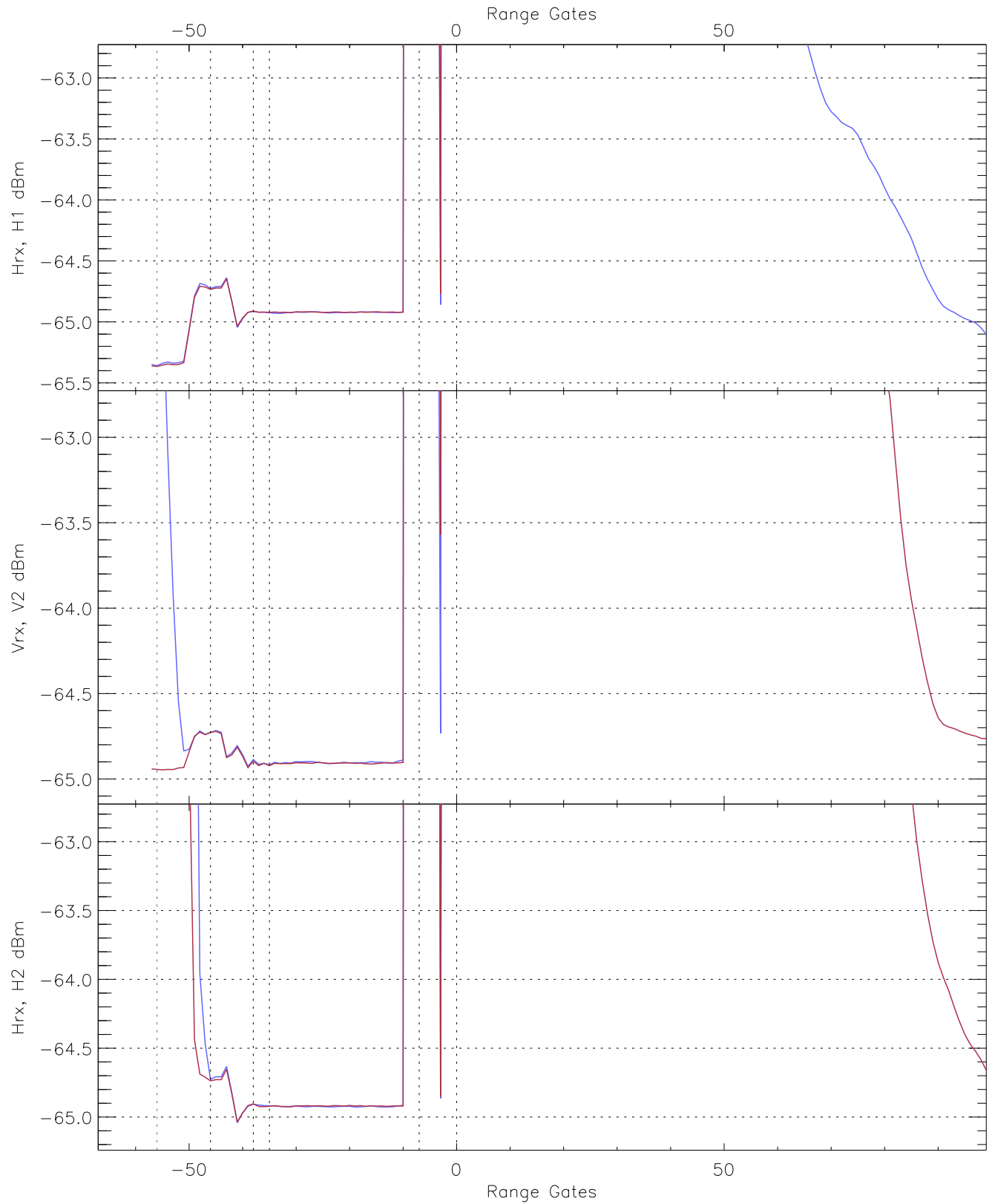


WCR3 CPP "Best" estimate Receivers Noise Power

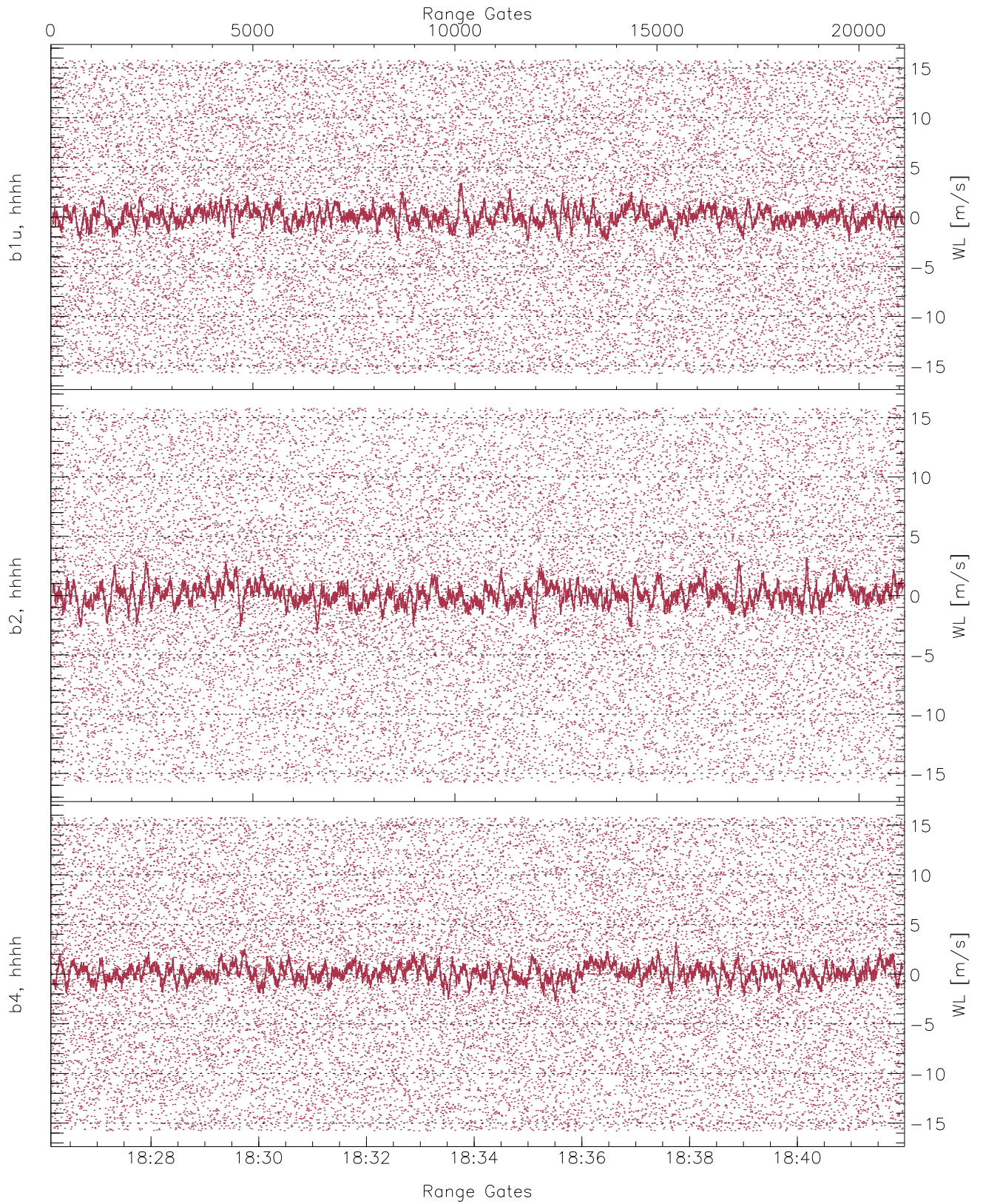
	Min	Max	Mean	Median	StDev
H1RG387_0 [dBm]	-66.70	-64.20	-65.36	-65.37	-76.87
V2WL3_0 [dBm]	-66.17	-63.65	-64.94	-64.95	-76.46
H1WL3_0 [dBm]	-66.22	-63.80	-64.92	-64.93	-76.38



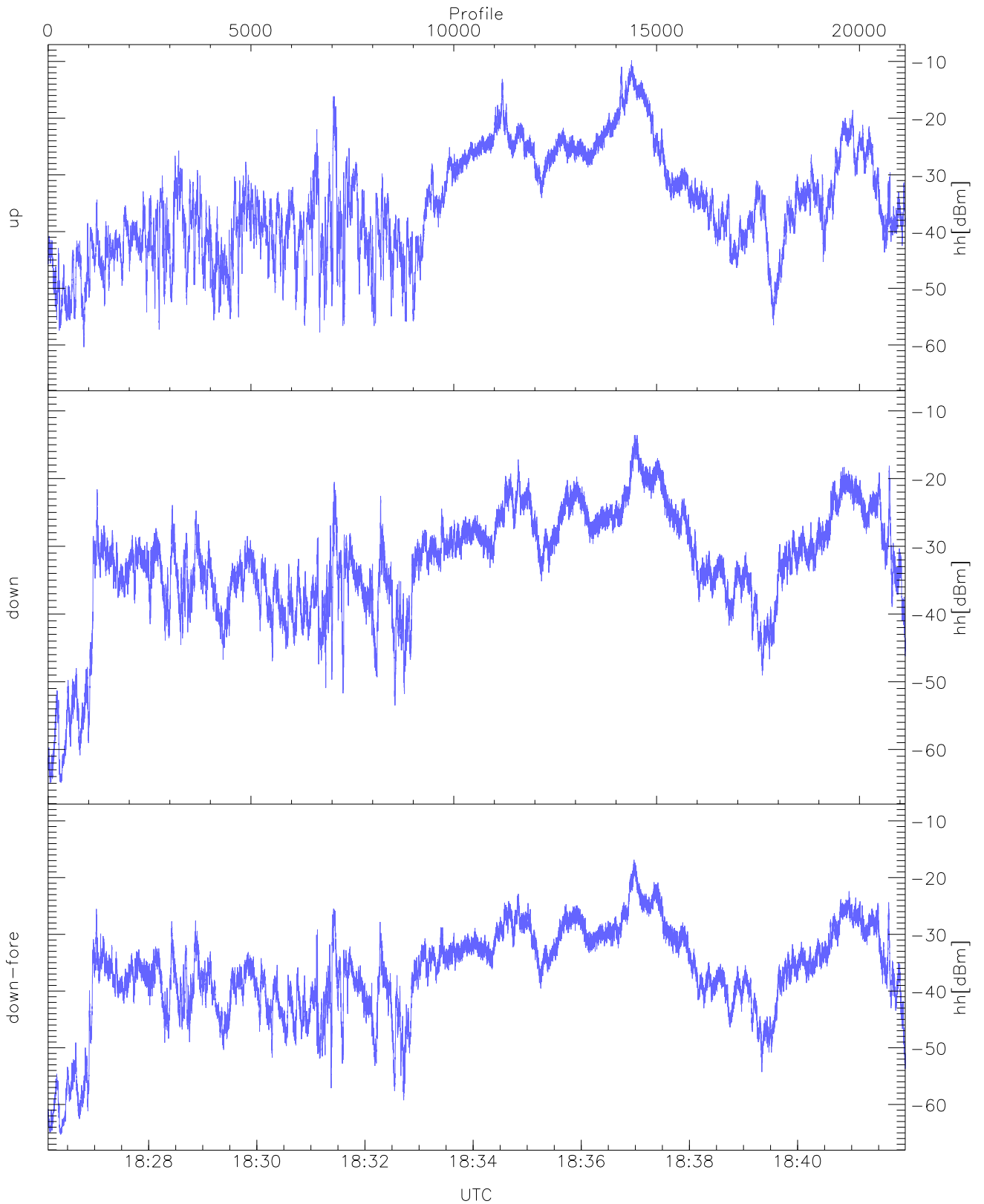
WCR3 CPP Averaged Received power for all recorded gates
blue: 182608-183404, 10566 profiles averaged
red: 183404-184159, 10565 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 182608-183404, 10566 profiles averaged
red: 183404-184159, 10565 profiles averaged

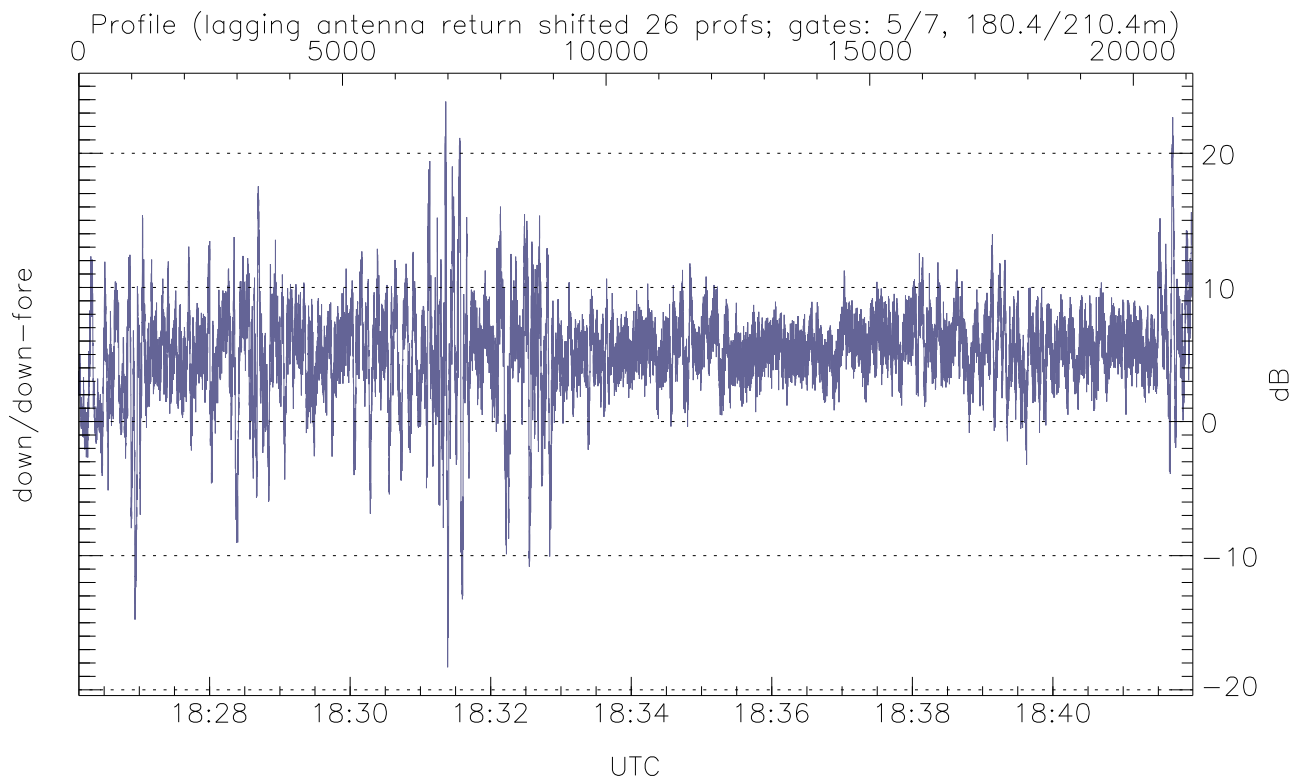
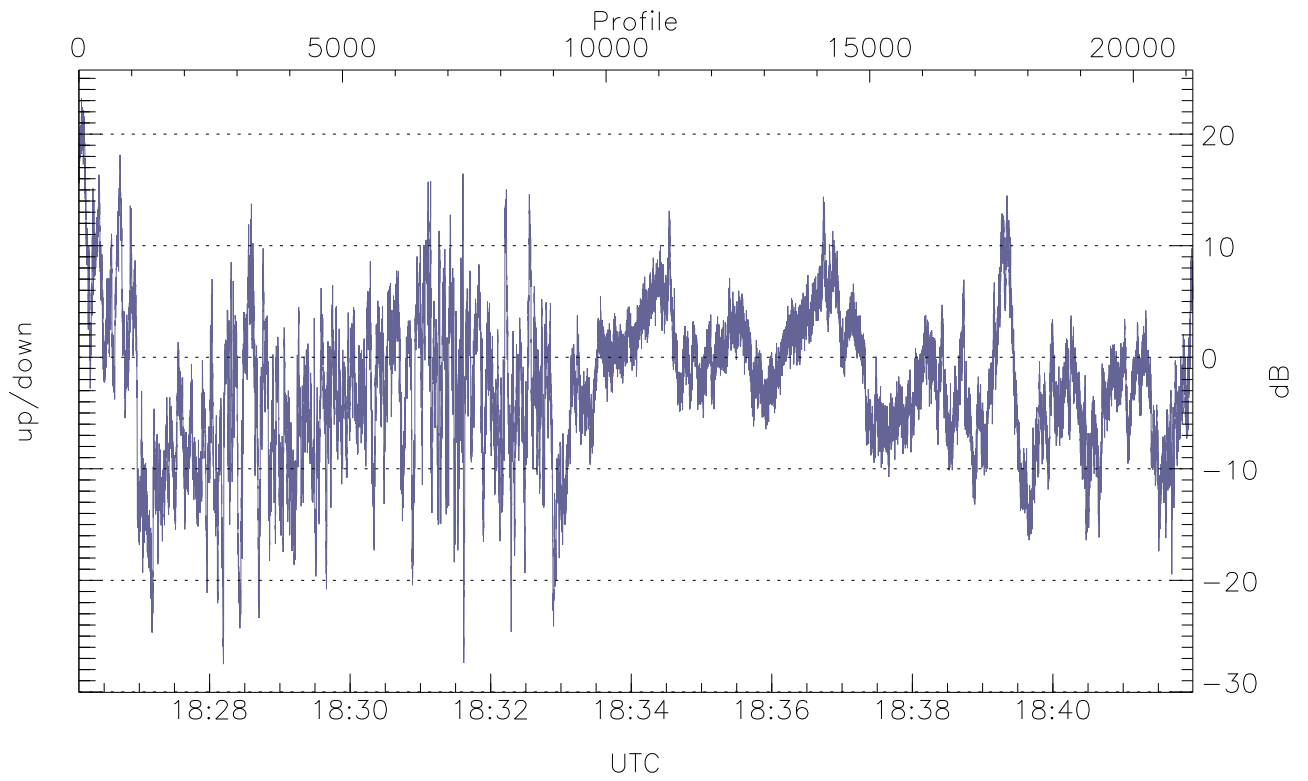


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



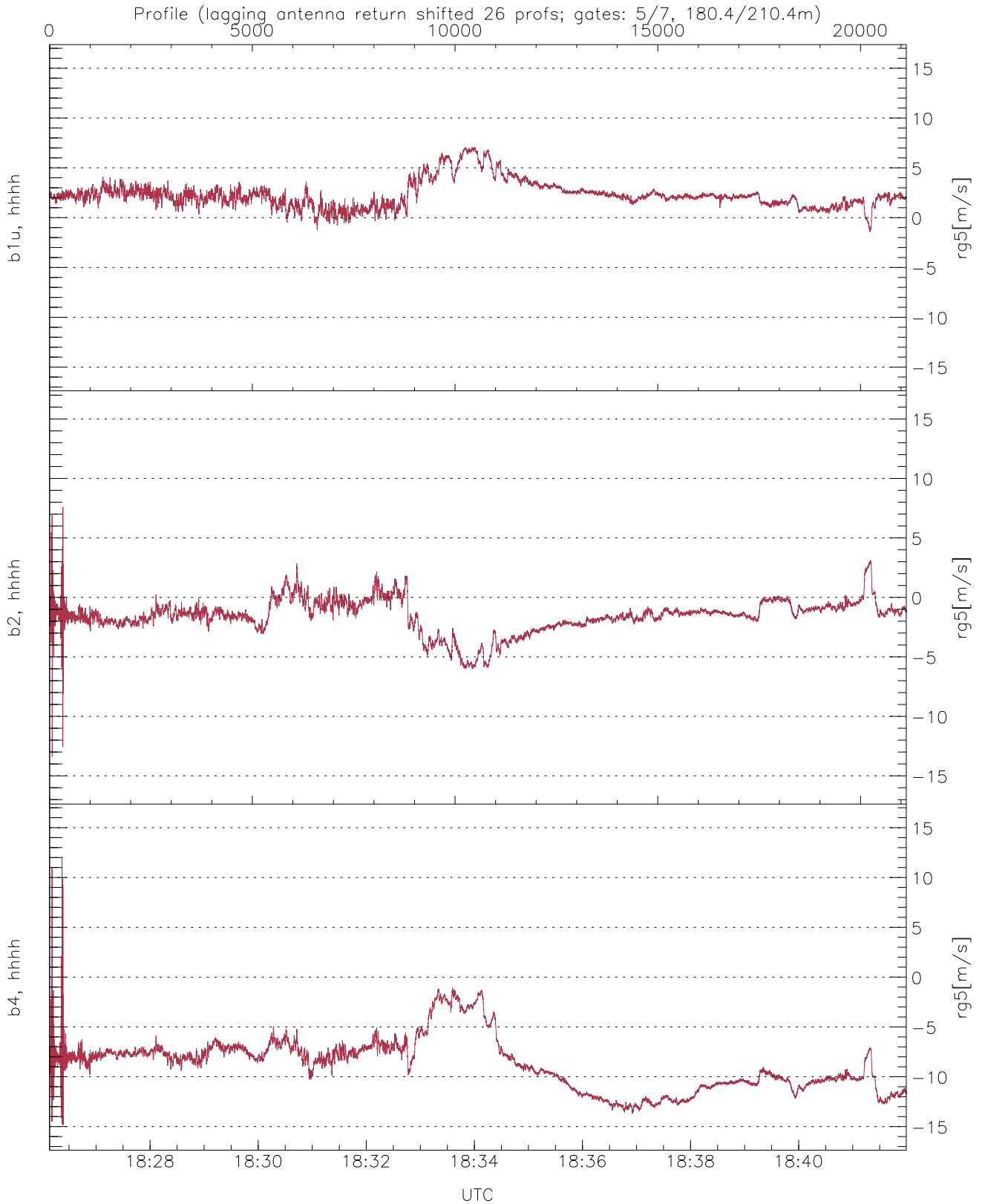
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-60.36	-9.80	-26.21
down(hh[dBm])	-64.93	-13.58	-27.06
down-fore(hh[dBm])	-65.29	-16.88	-31.38



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

	Min	Max	Mean
up/down (dB)	-27.50	23.21	-2.49
down/down-fore (dB)	-18.32	23.86	5.20



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-1.43	7.07	2.31	1.36
b2, hhhh(rg5[m/s])	-13.38	7.60	-1.55	1.40
b4, hhhh(rg5[m/s])	-14.85	12.06	-8.74	2.66