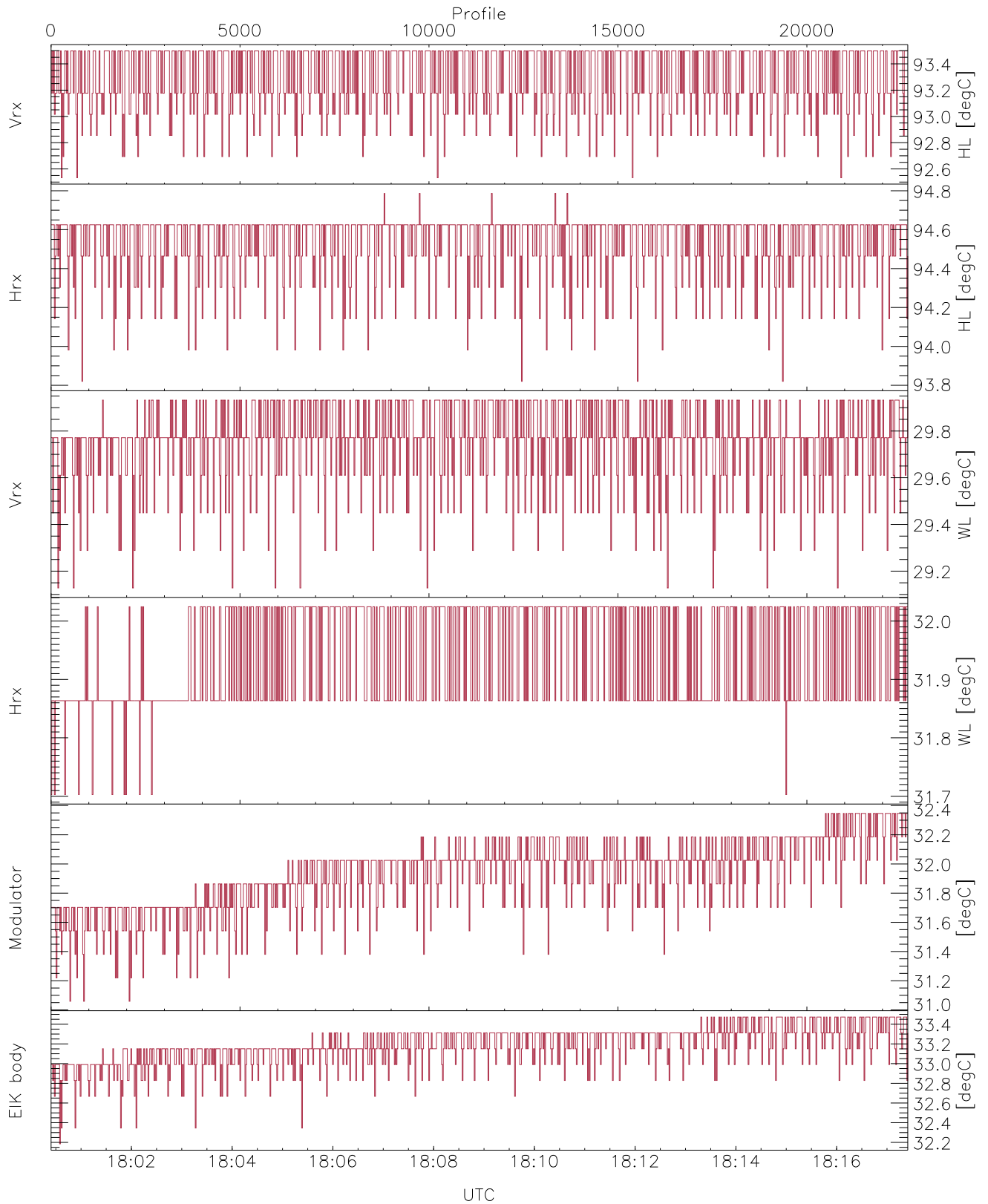


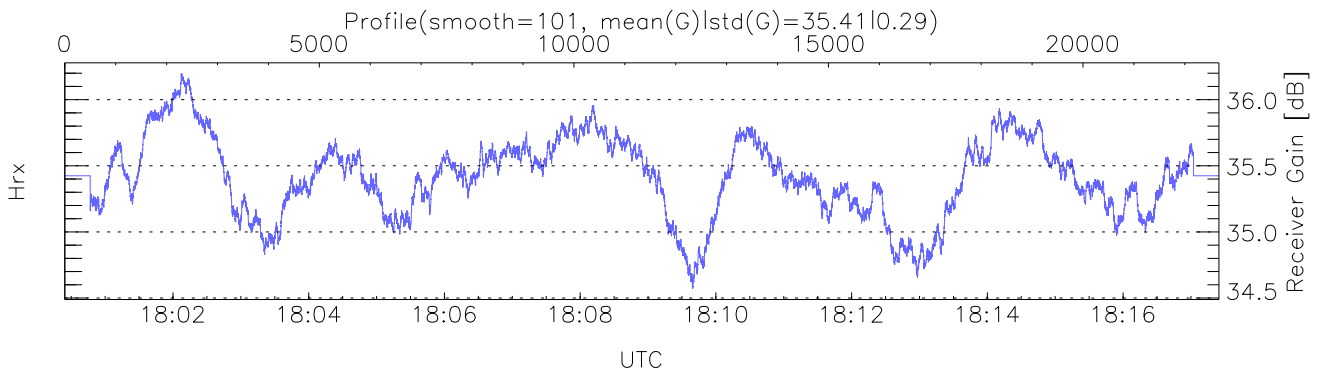
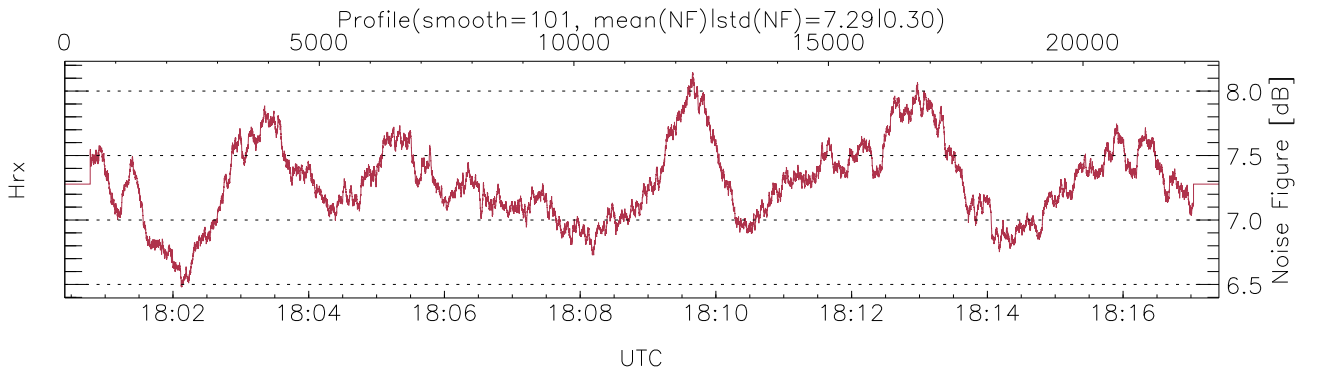
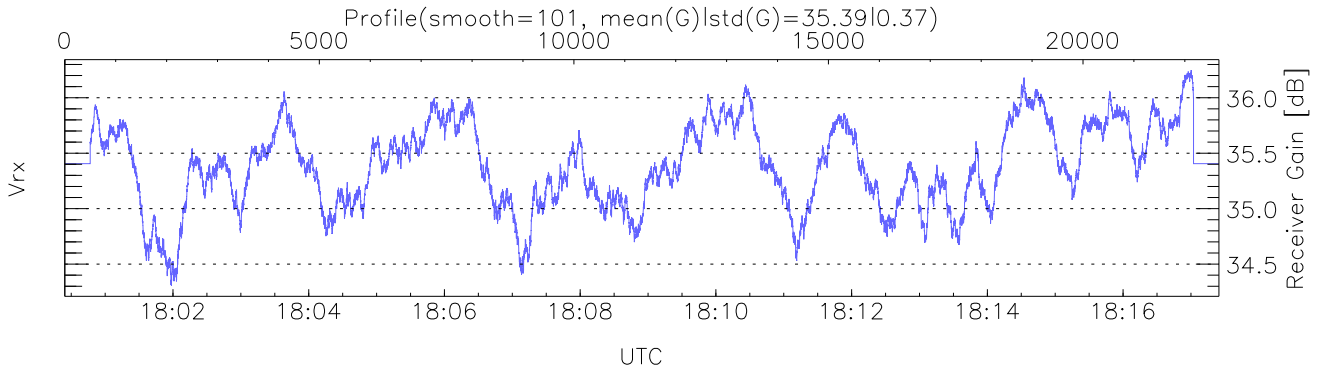
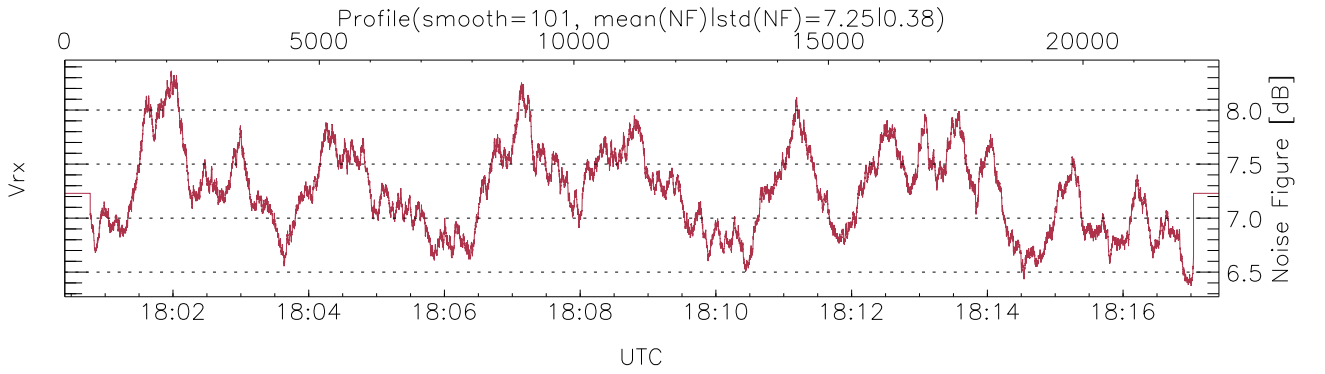
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 18:00:24-18:17:25, TimeCor: 0.00s, Dur: 1020.45s
 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): 22672/22672, 0-22671/18:00:24-18:17:25
 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



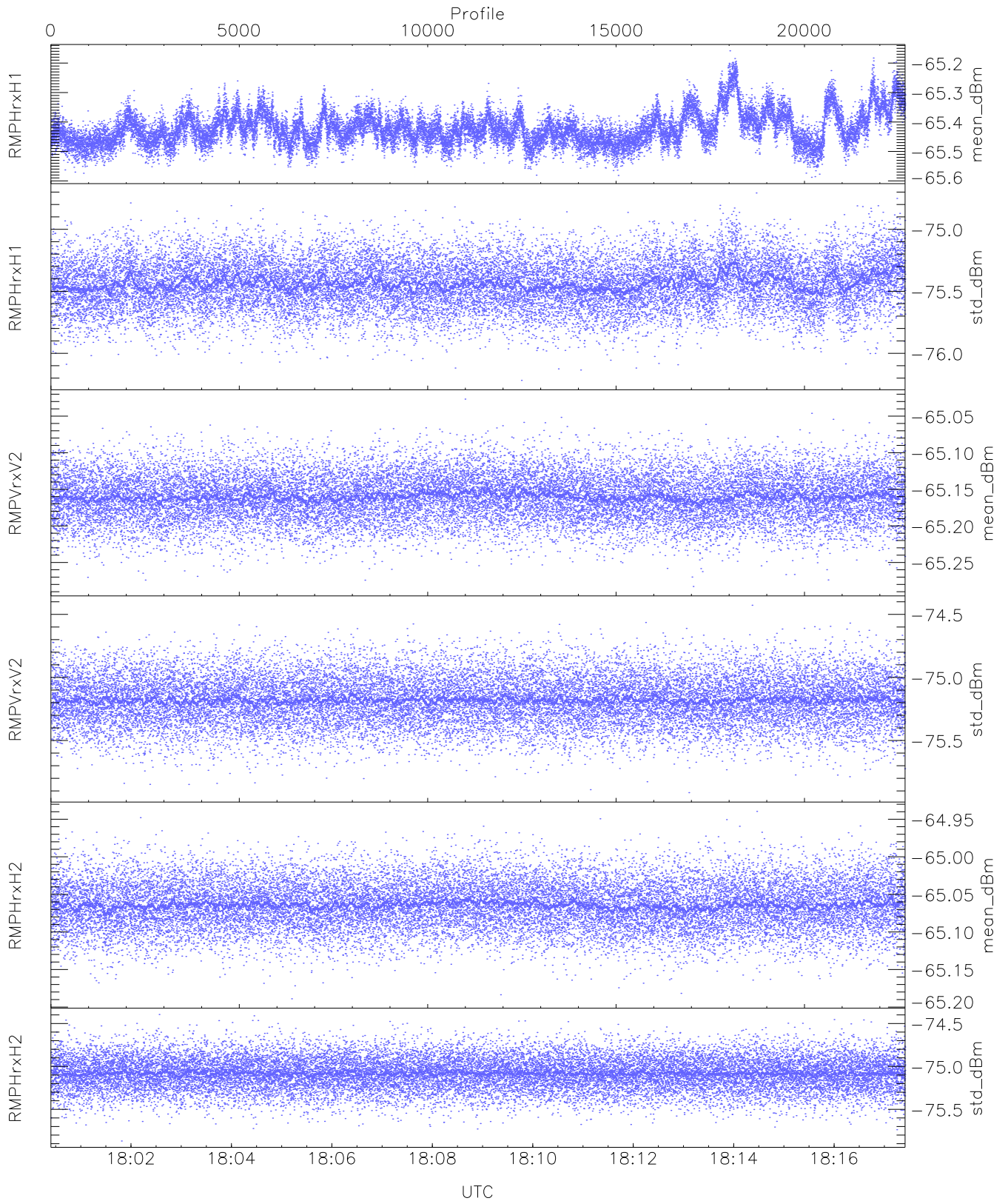
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,29,31,31,32`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,29,32,32,33`
`LOalarm(20,240,2817,14861 MHz): 0,0,68,0`
`EIK/Modulator Faults: None`



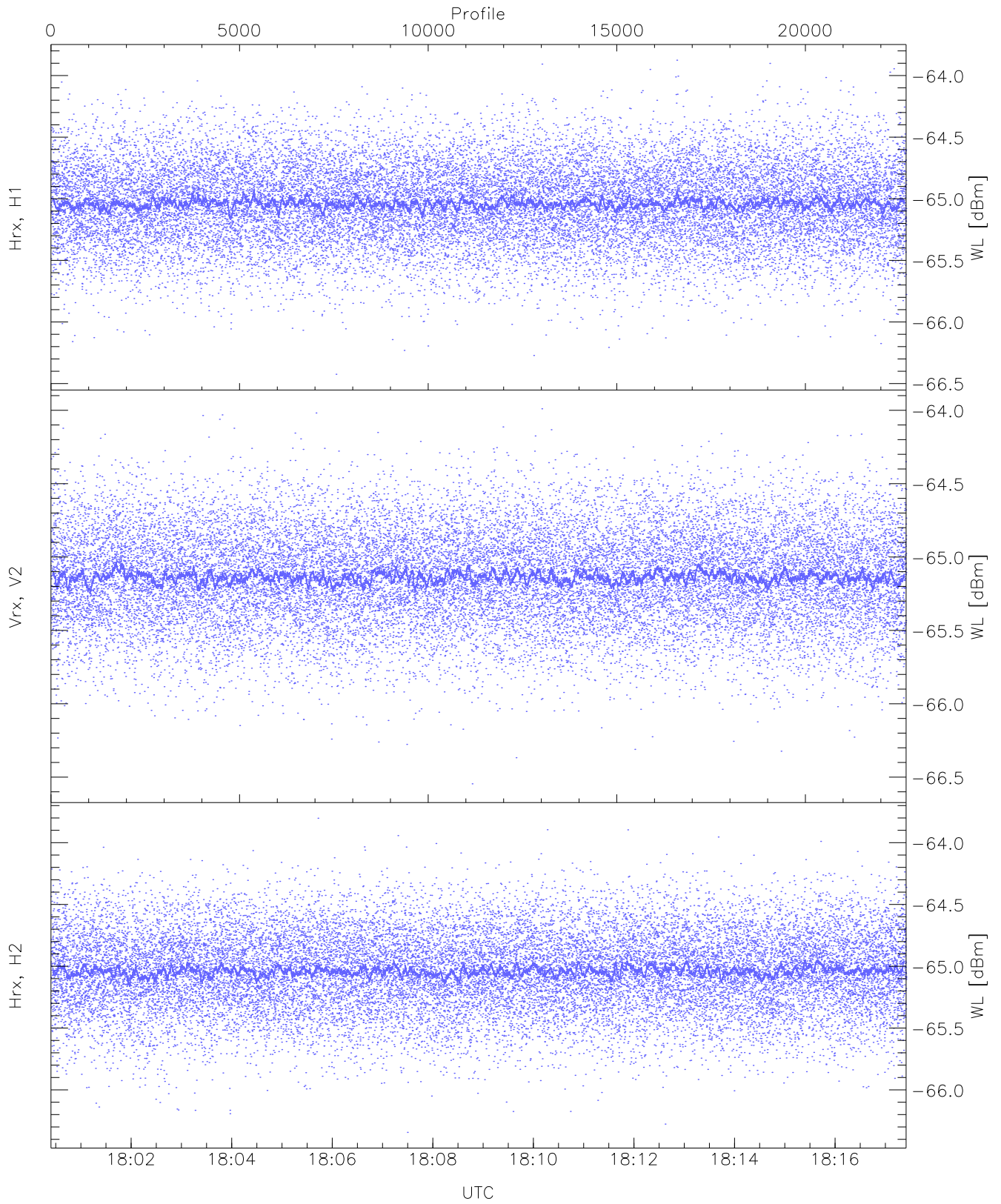
WCR3 CPP Receivers Gain and Noise Figure

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



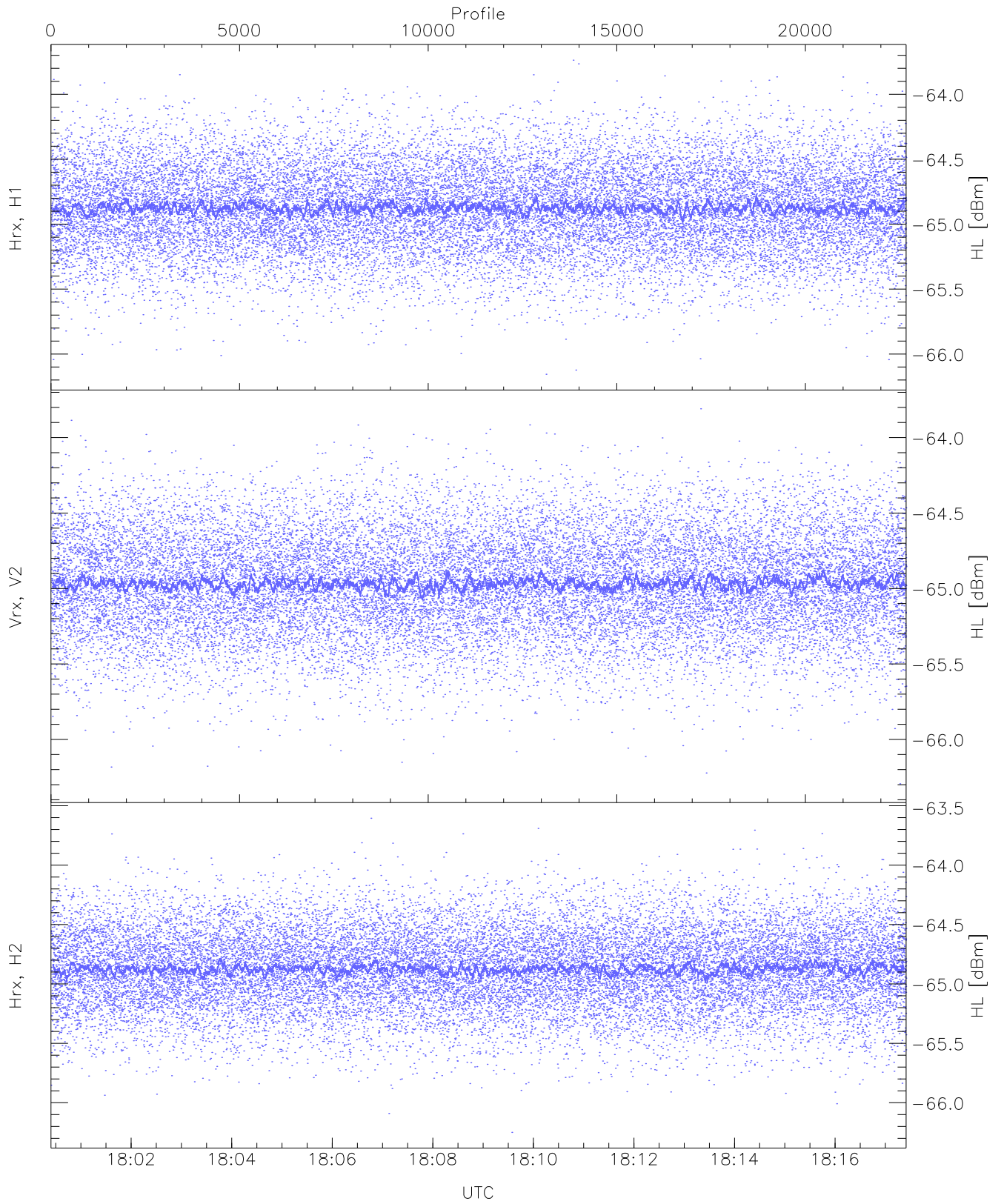
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.59	-65.16	-65.42	-65.43	-84.28
RMPHrxH1(std_dBm)	-76.22	-74.71	-75.44	-75.44	-89.08
RMPVrxV2(mean_dBm)	-65.28	-65.03	-65.16	-65.16	-86.75
RMPVrxV2(std_dBm)	-75.91	-74.43	-75.18	-75.18	-88.97
RMPHrxH2(mean_dBm)	-65.19	-64.94	-65.06	-65.06	-86.67
RMPHrxH2(std_dBm)	-75.87	-74.40	-75.08	-75.08	-88.87



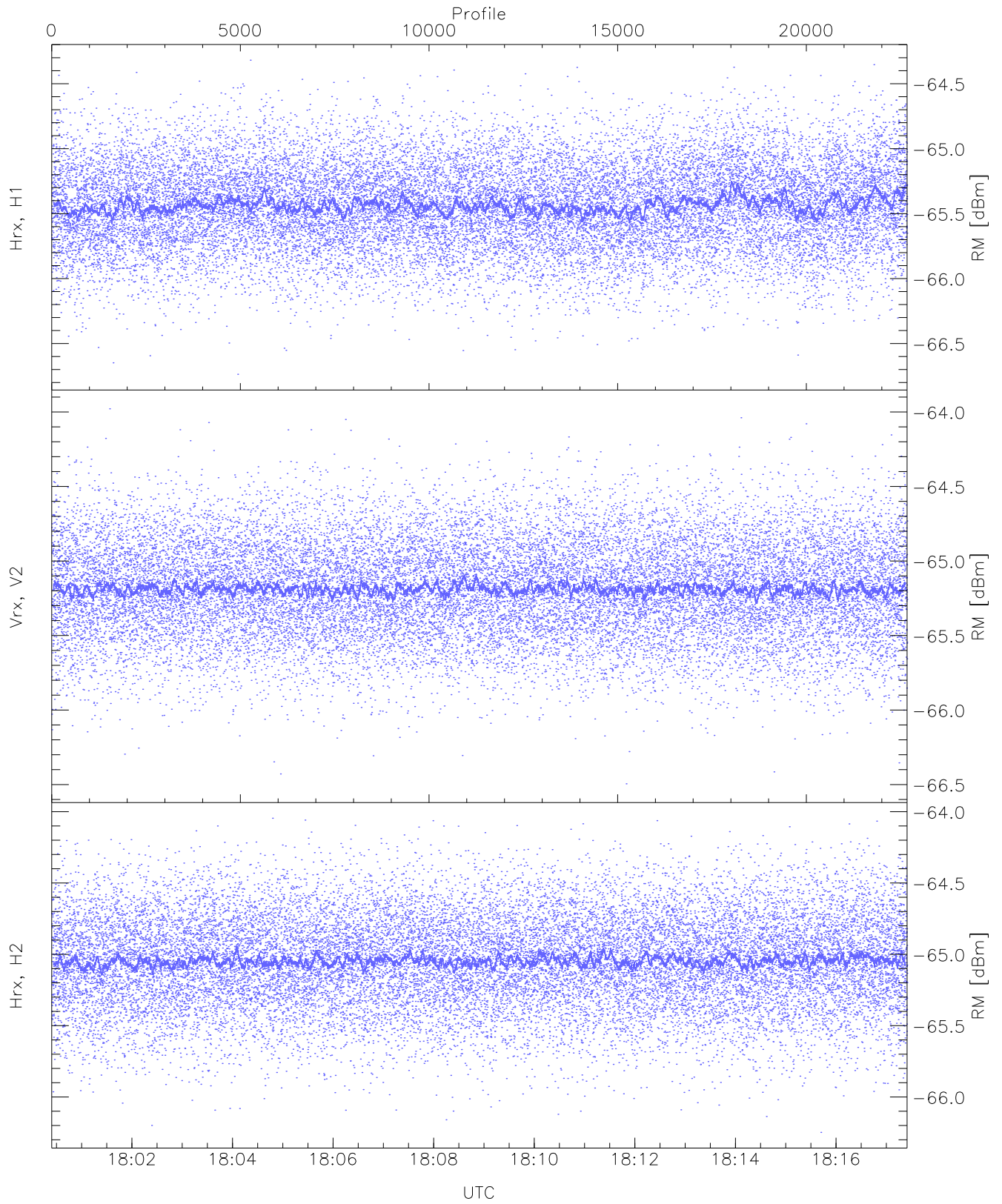
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.42	-63.88	-65.03	-65.04	-76.54
Vrx, V2 (WL [dBm])	-66.55	-63.99	-65.13	-65.14	-76.66
Hrx, H2 (WL [dBm])	-66.34	-63.80	-65.03	-65.04	-76.55



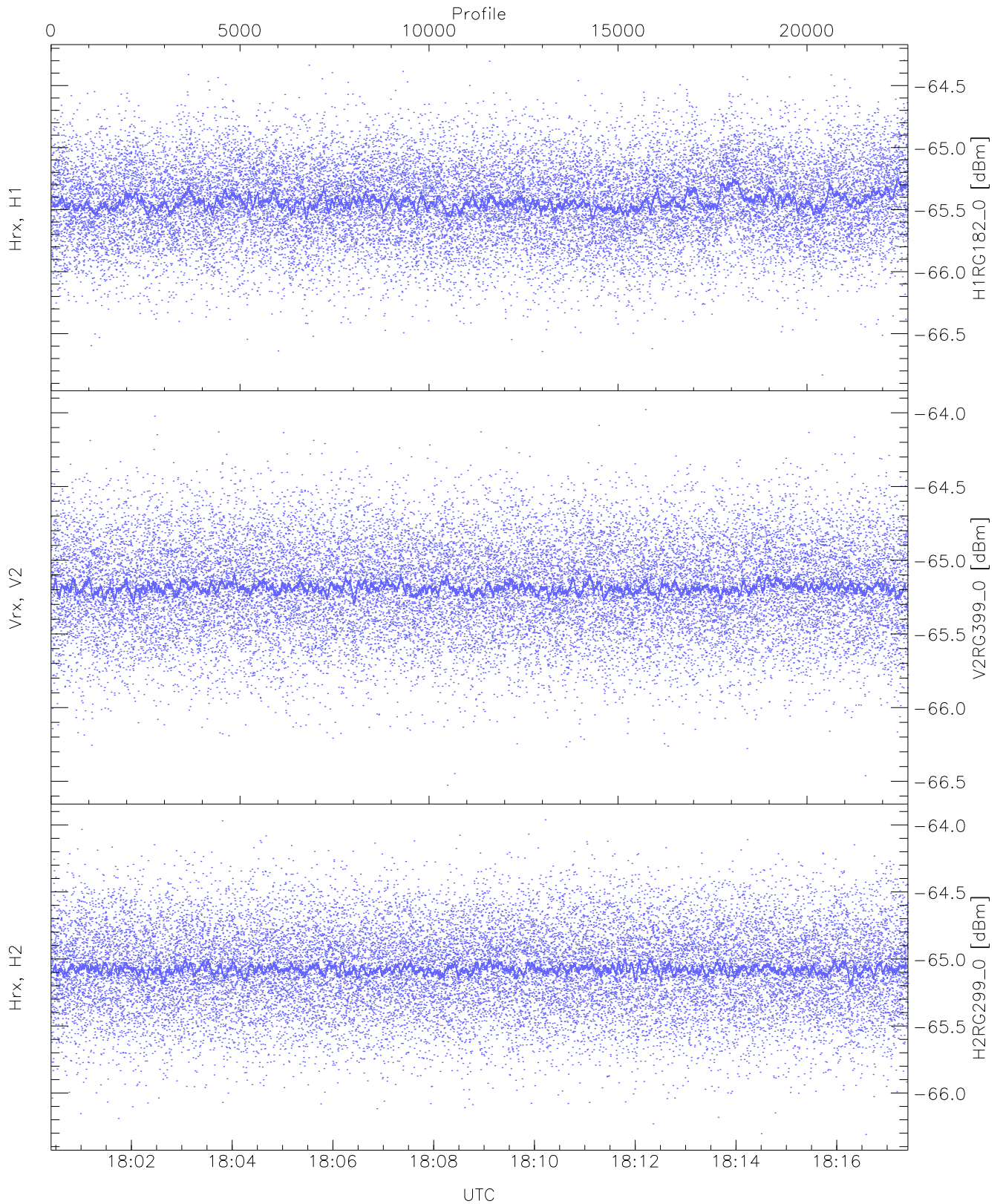
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.16	-63.74	-64.87	-64.88	-76.39
Vrx, V2 (HL [dBm])	-66.29	-63.81	-64.96	-64.97	-76.45
Hrx, H2 (HL [dBm])	-66.25	-63.61	-64.87	-64.87	-76.37



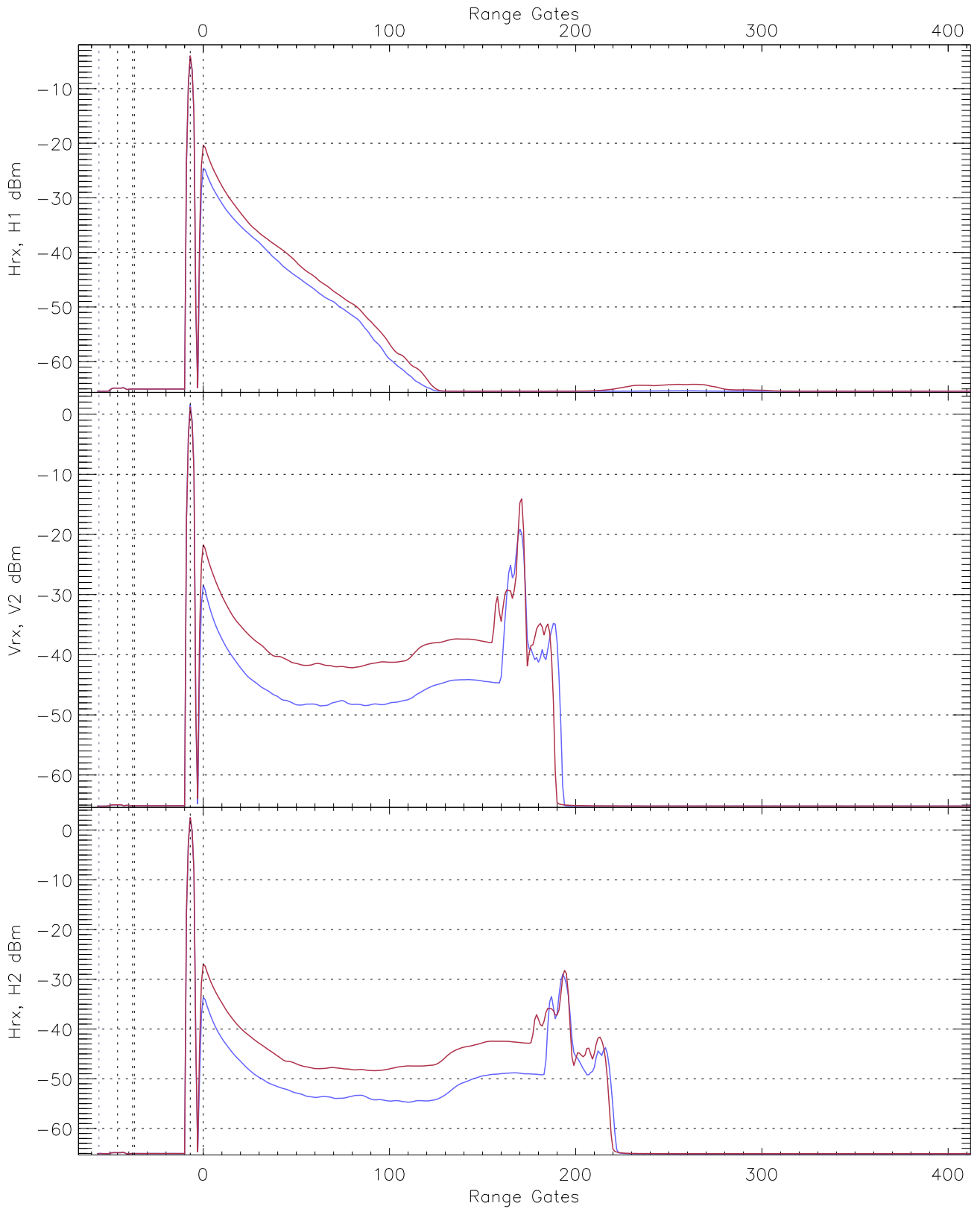
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.74	-64.32	-65.43	-65.44	-76.84
Vrx, V2 (RM [dBm])	-66.49	-63.98	-65.18	-65.19	-76.69
Hrx, H2 (RM [dBm])	-66.25	-64.05	-65.04	-65.05	-76.55

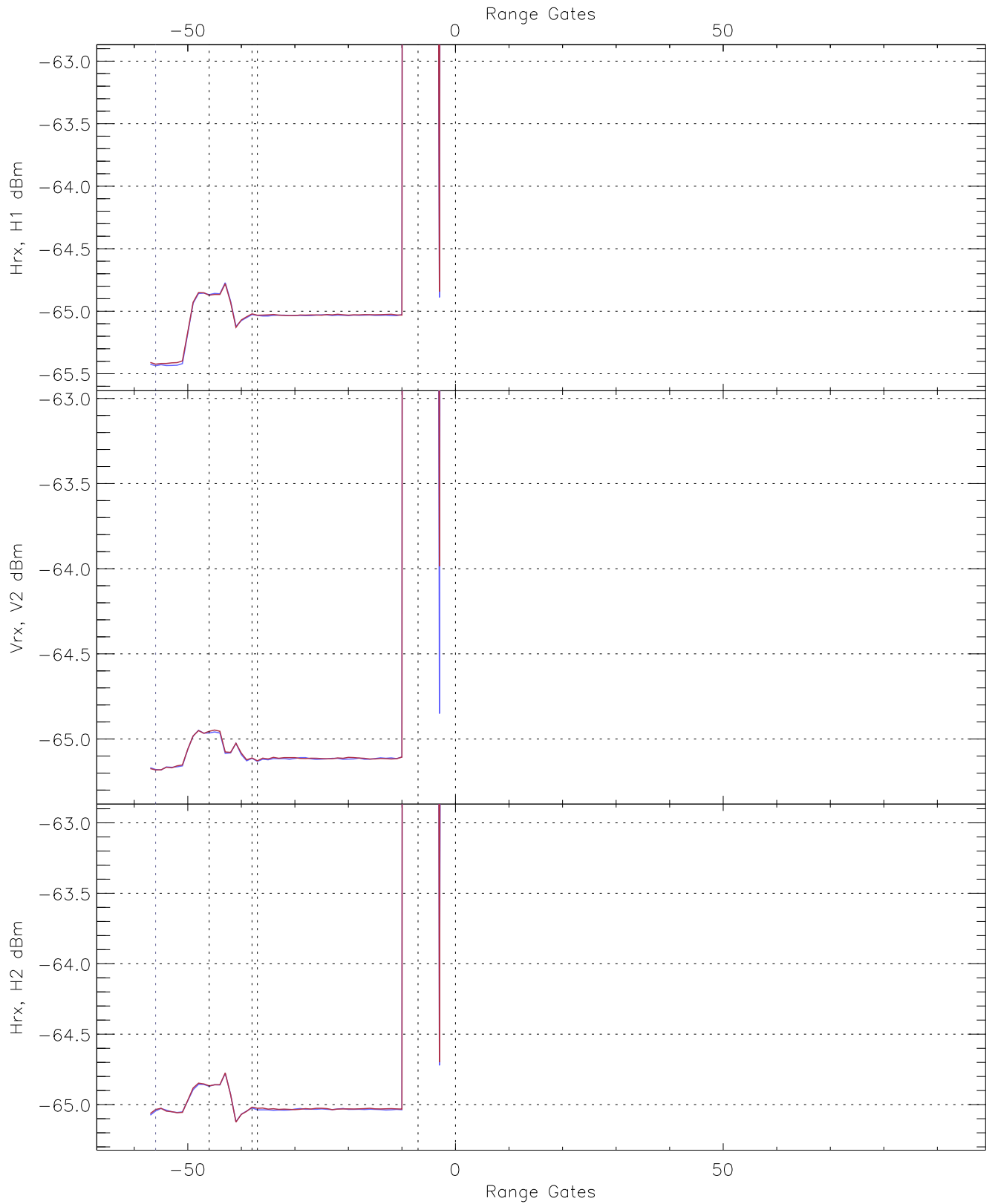


WCR3 CPP "Best" estimate Receivers Noise Power

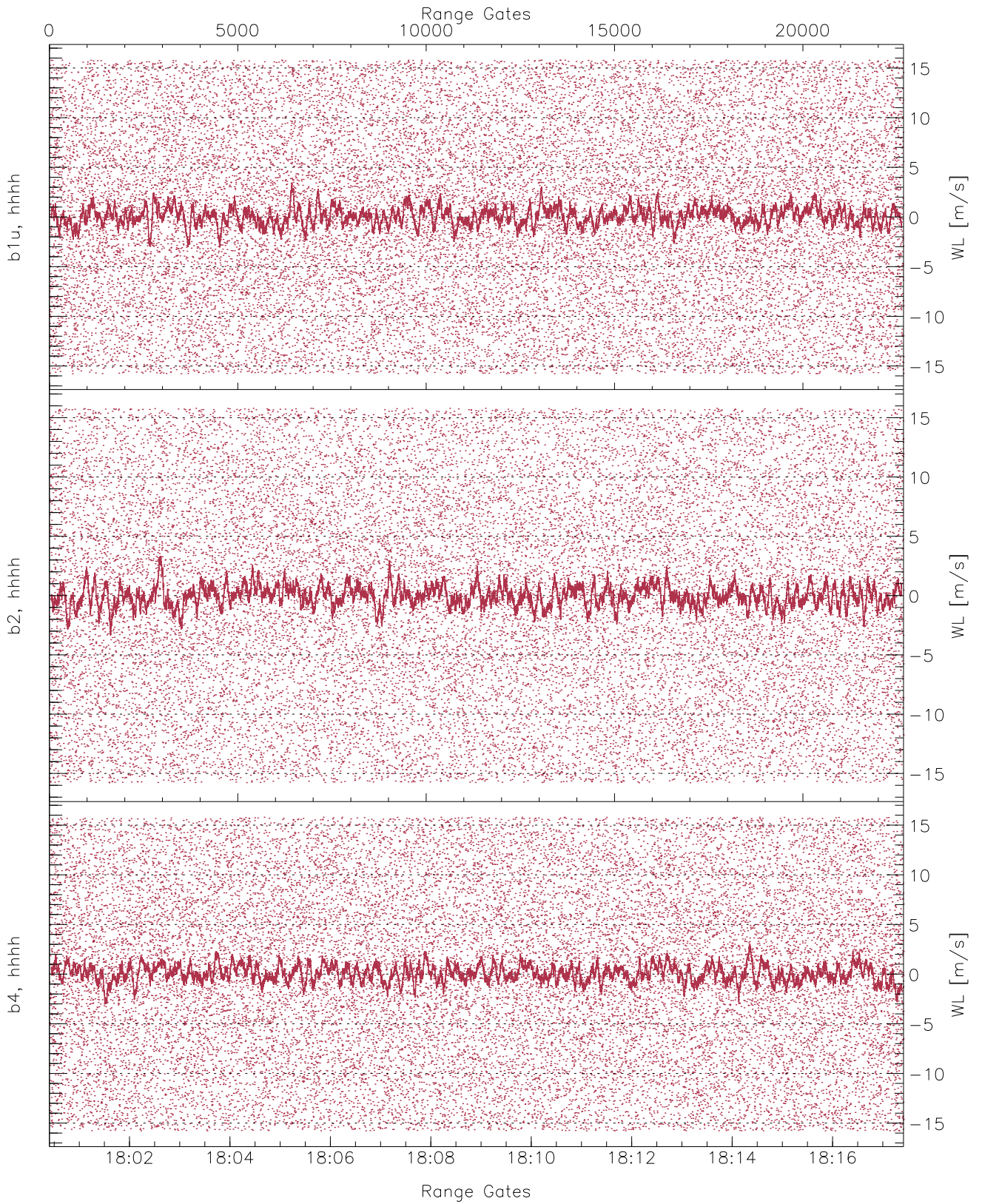
	Min	Max	Mean	Median	StDev
H1RG182_0 [dBm]	-66.83	-64.30	-65.43	-65.44	-76.89
V2RG399_0 [dBm]	-66.53	-63.98	-65.18	-65.19	-76.70
H2RG299_0 [dBm]	-66.31	-63.96	-65.07	-65.08	-76.59



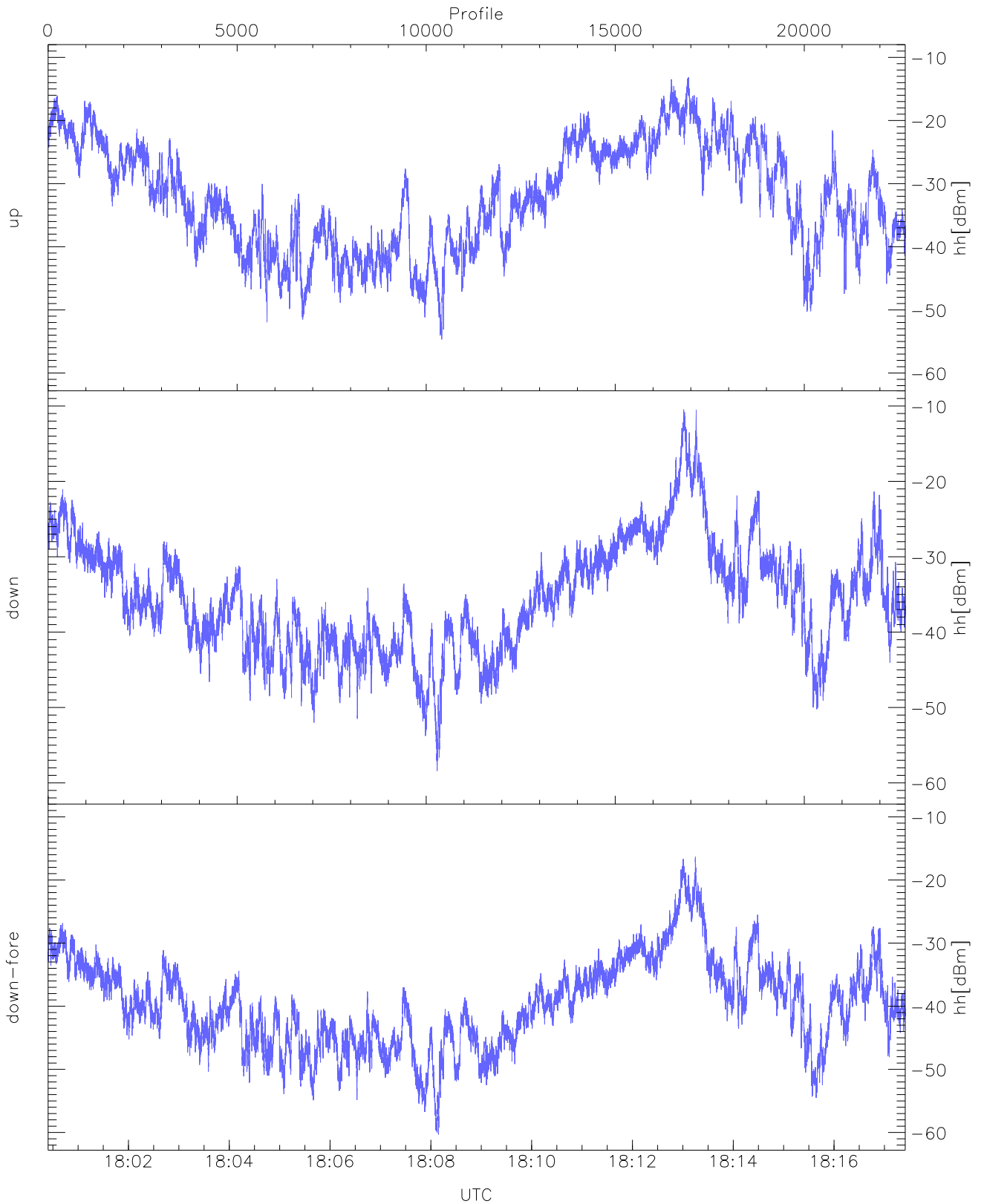
WCR3 CPP Averaged Received power for all recorded gates
blue: 180024-180855, 11337 profiles averaged
red: 180855-181725, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 180024-180855, 11337 profiles averaged
red: 180855-181725, 11336 profiles averaged

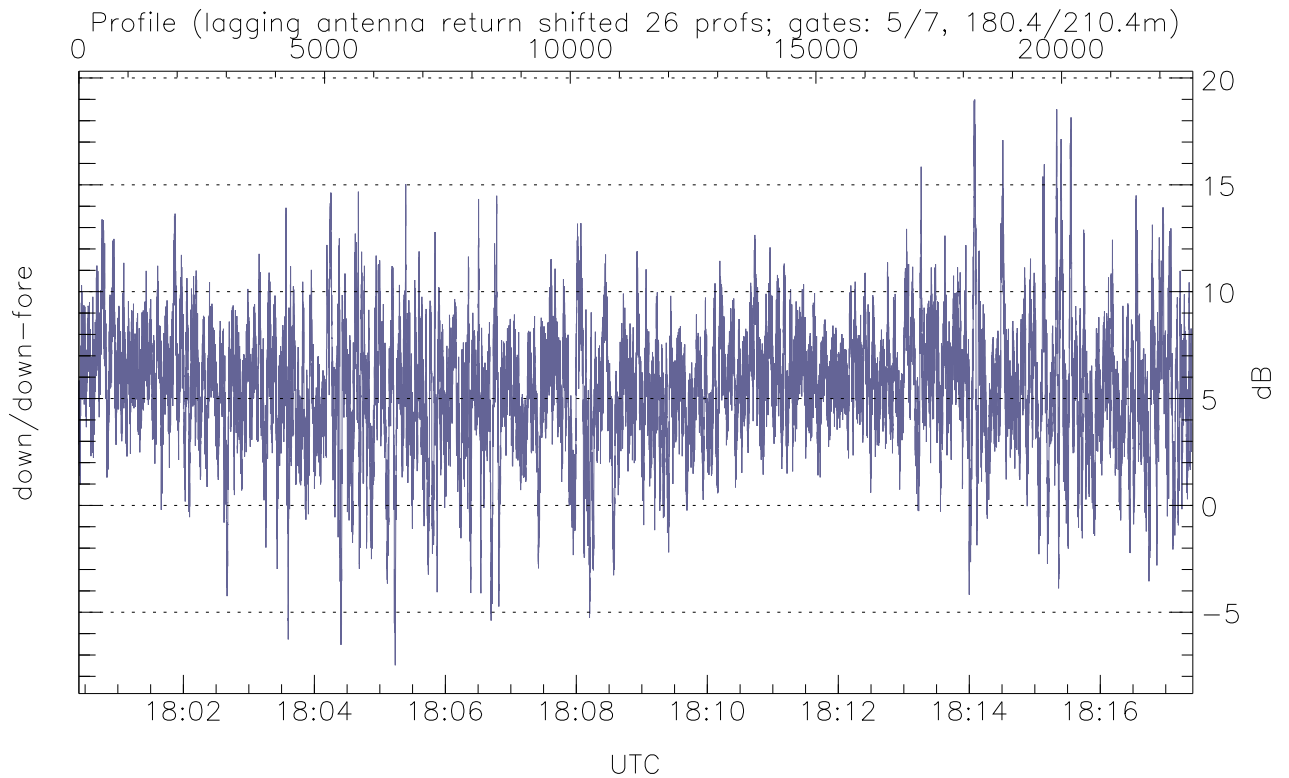
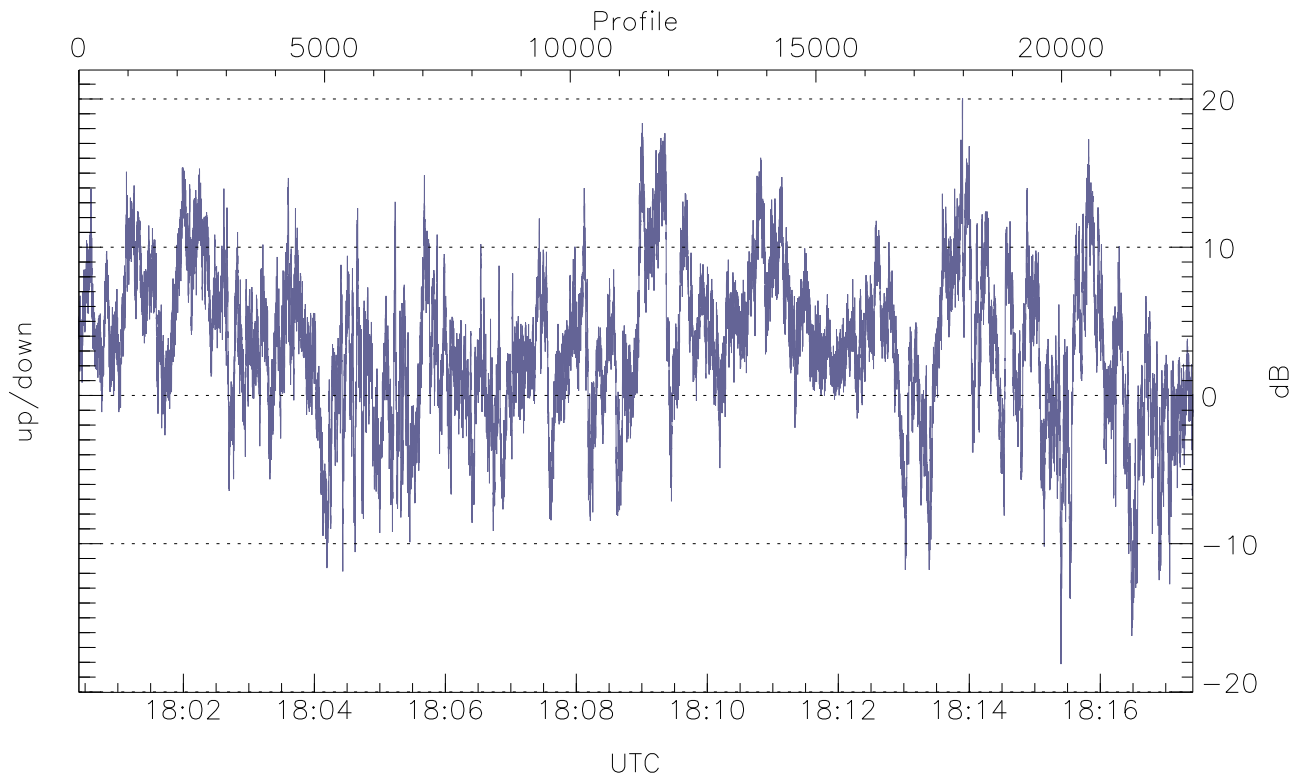


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



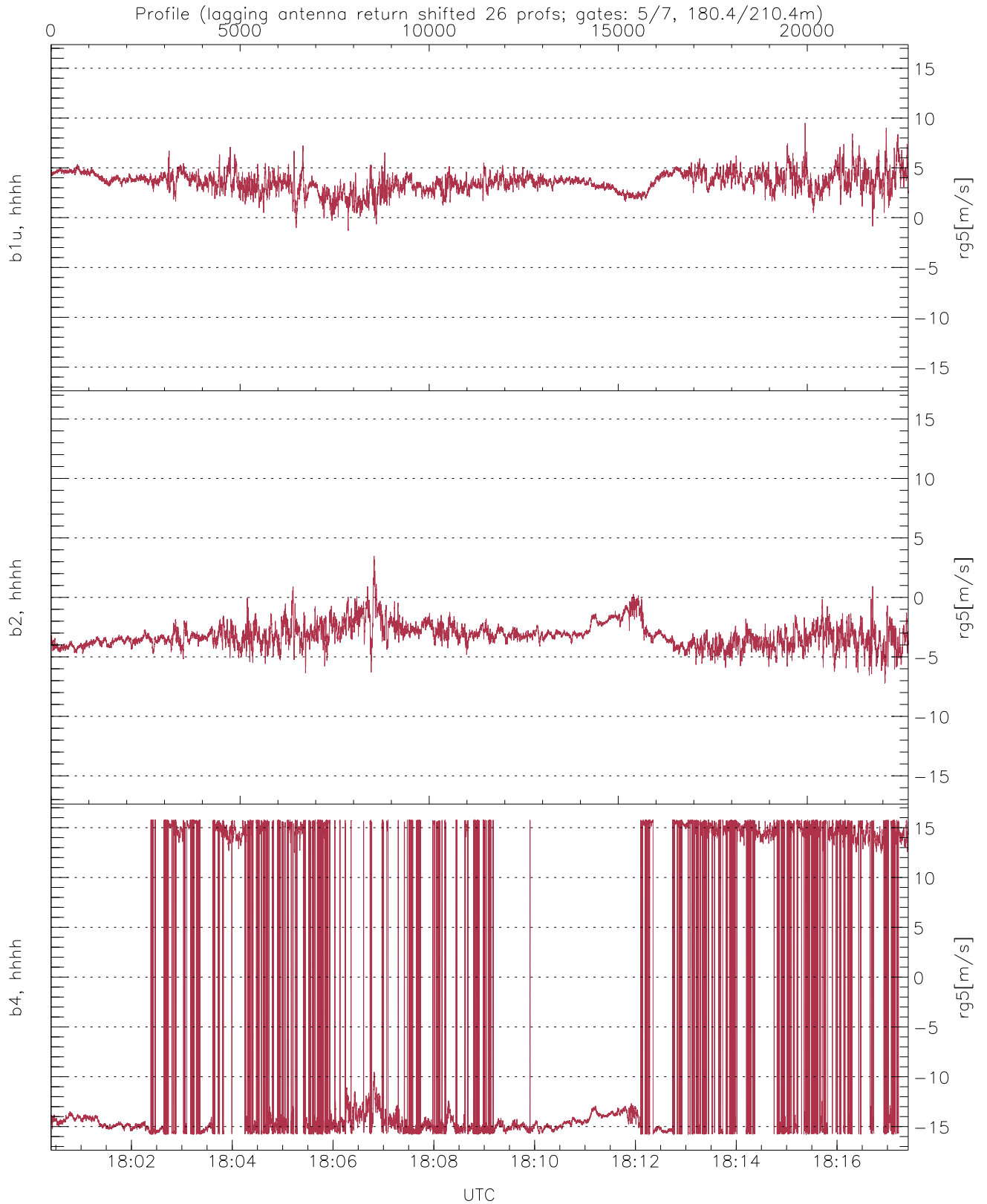
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-54.68	-13.16	-25.91
down(hh[dBm])	-58.41	-10.47	-28.68
down-fore(hh[dBm])	-60.31	-16.30	-33.51



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

	Min	Max	Mean
up/down (dB)	-18.12	20.05	3.24
down/down-fore (dB)	-7.48	18.99	5.51



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-1.30	9.50	3.57	1.05
b2, hhhh(rg5[m/s])	-7.24	3.48	-3.17	1.02
b4, hhhh(rg5[m/s])	-15.79	15.79	-4.34	14.19