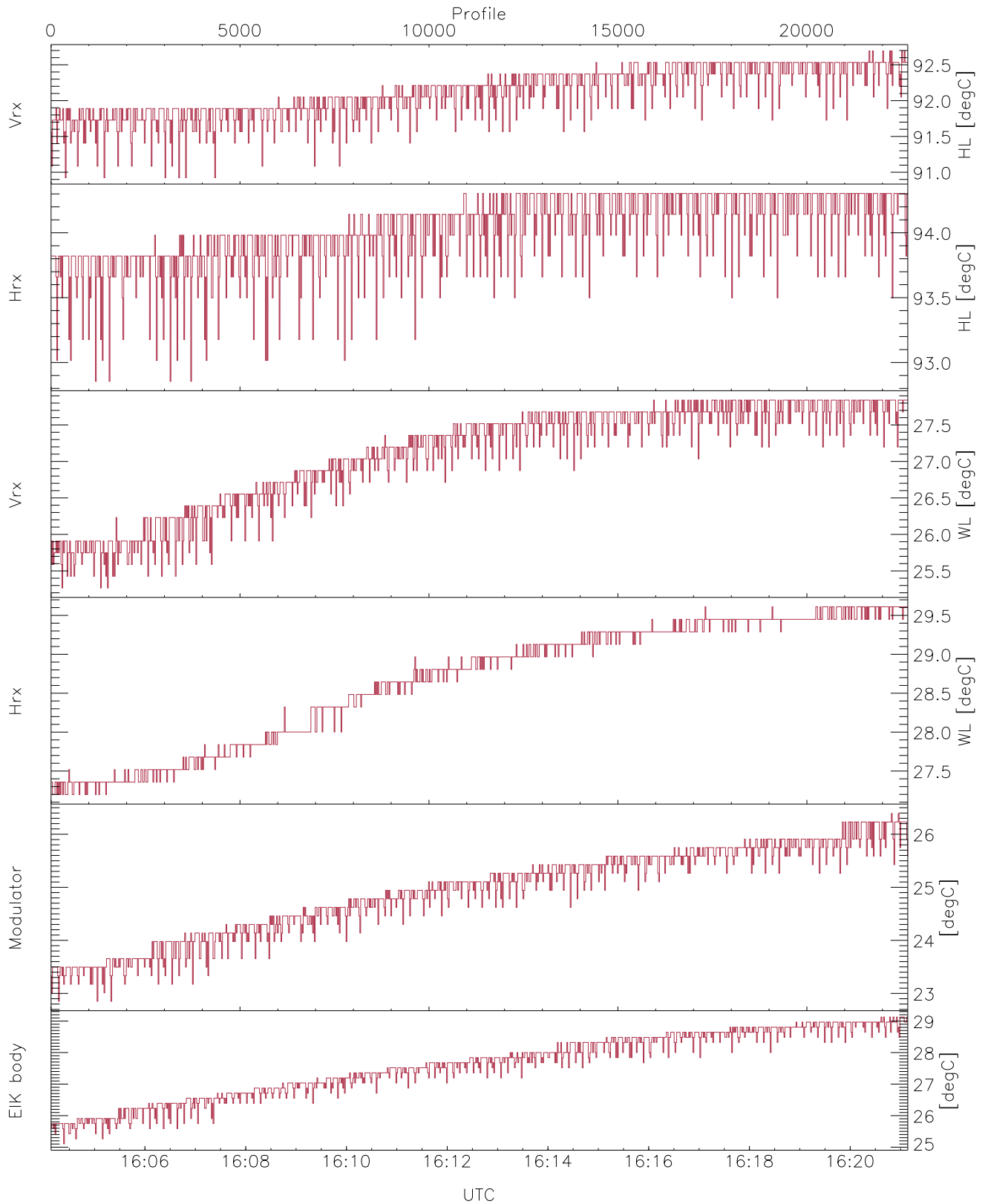


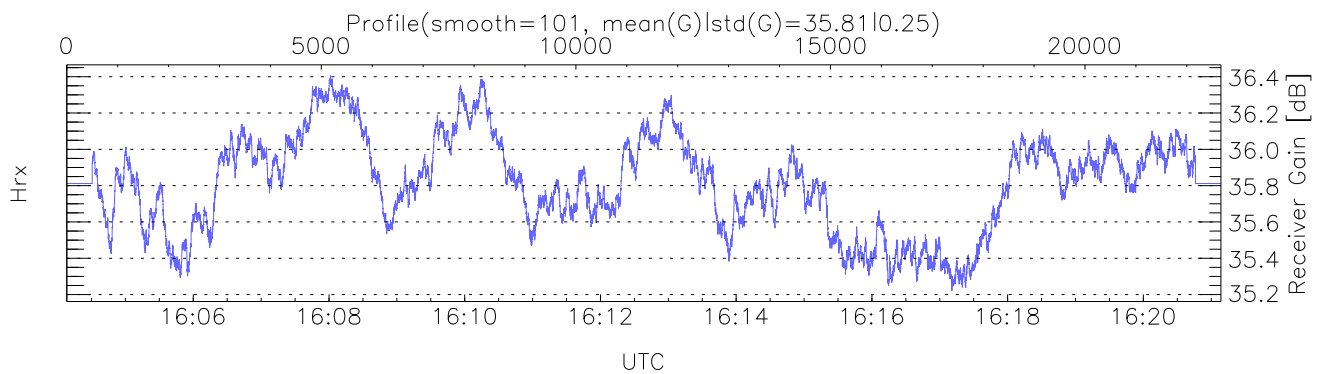
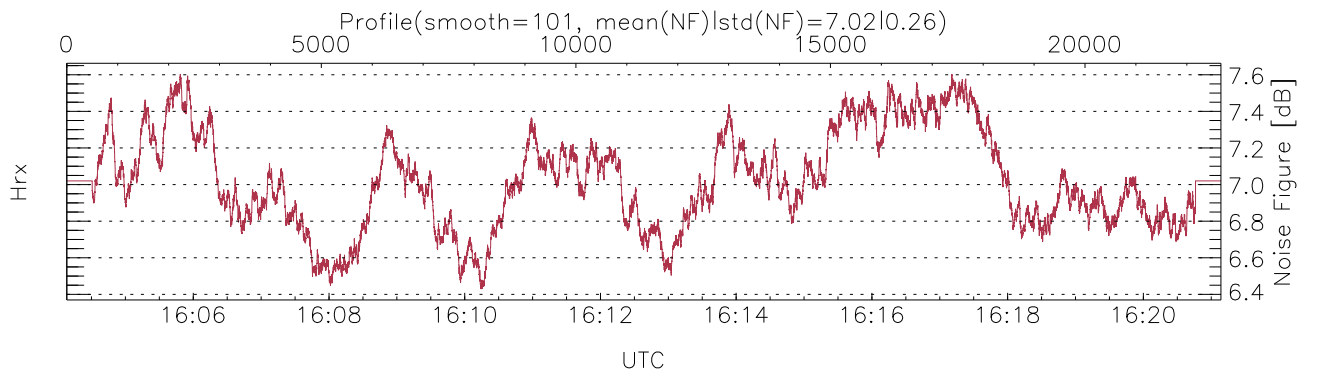
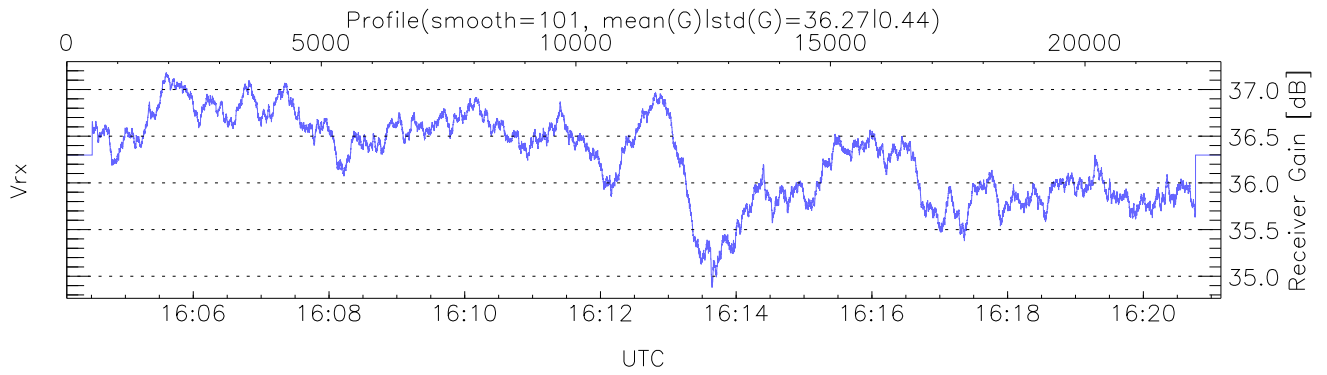
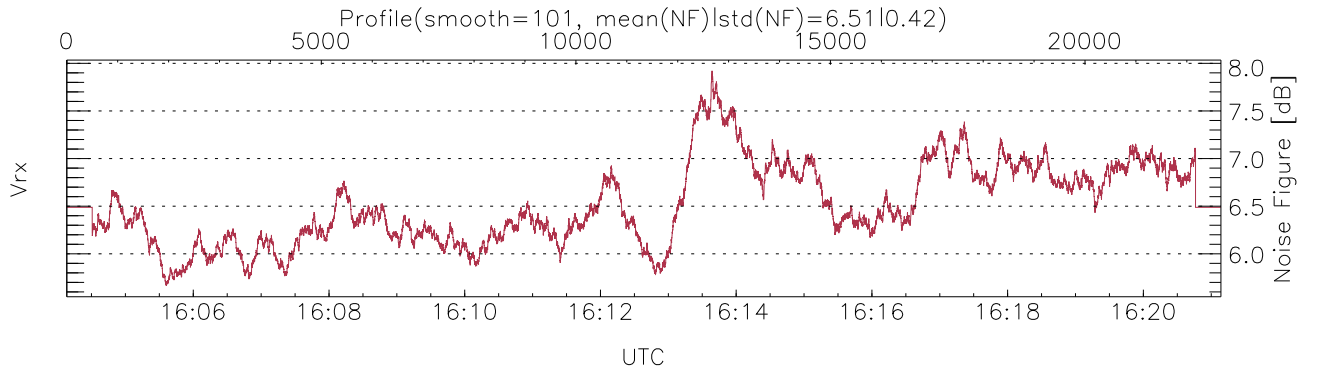
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 16:04:08-16:21:09, 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, 0-22671/16:04:08-16:21:09
 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



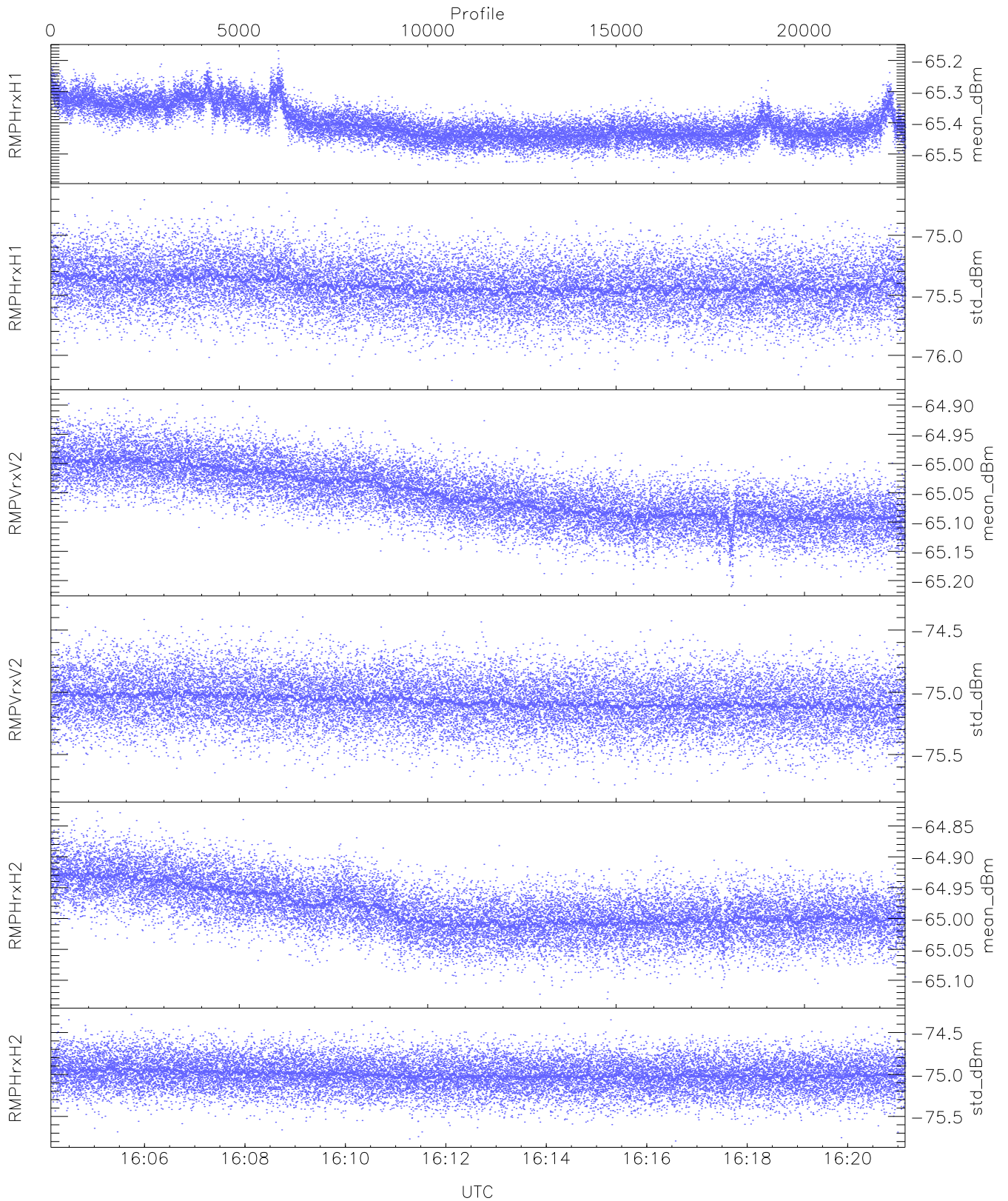
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,25,27,22,25`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,27,29,26,29`
`LOalarm(20,240,2817,14861 MHz): 0,0,22,0`
`EIK/Modulator Faults: None`



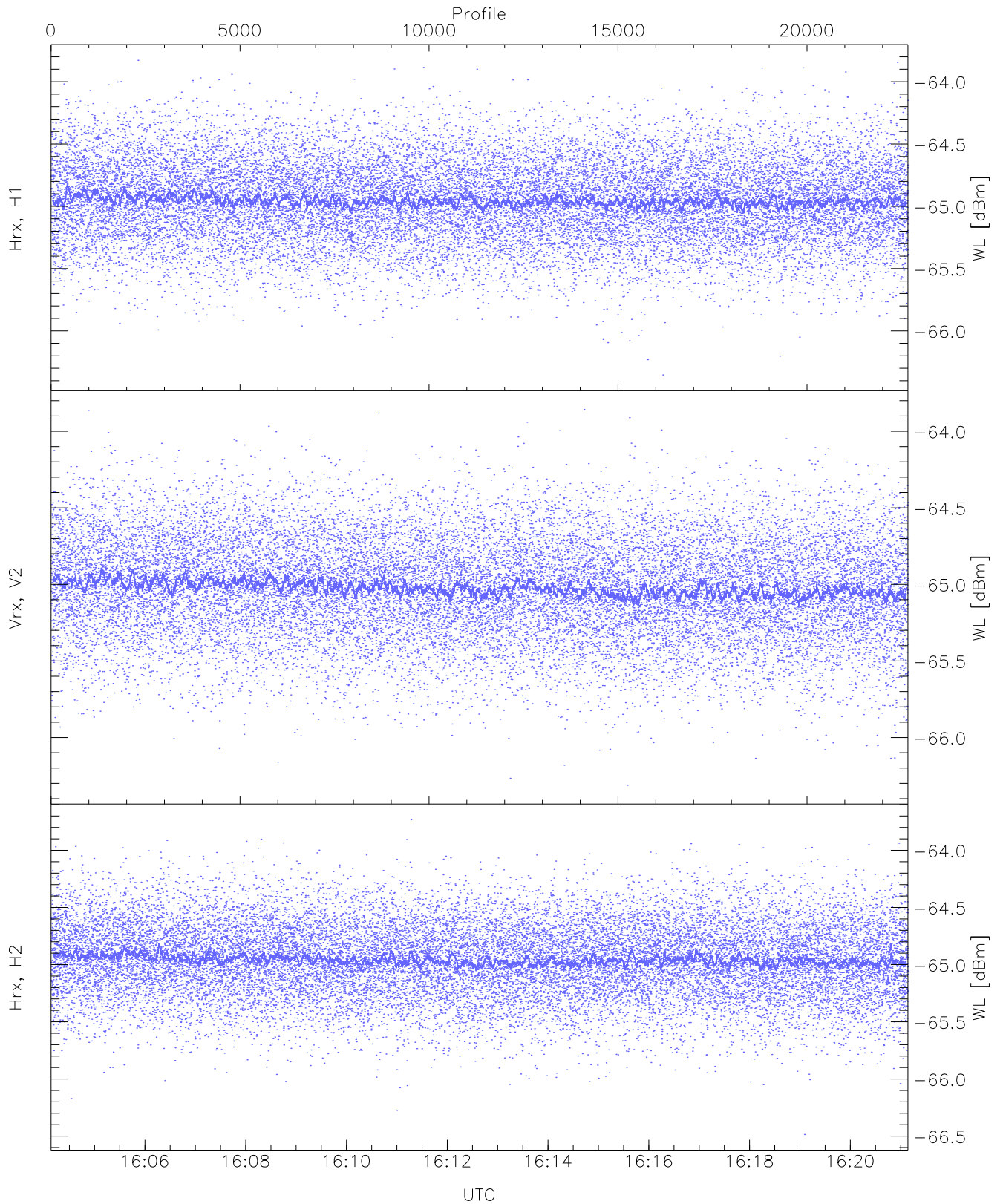
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 99 pixs, 7 gates, 72 profs, 1 prod(s)



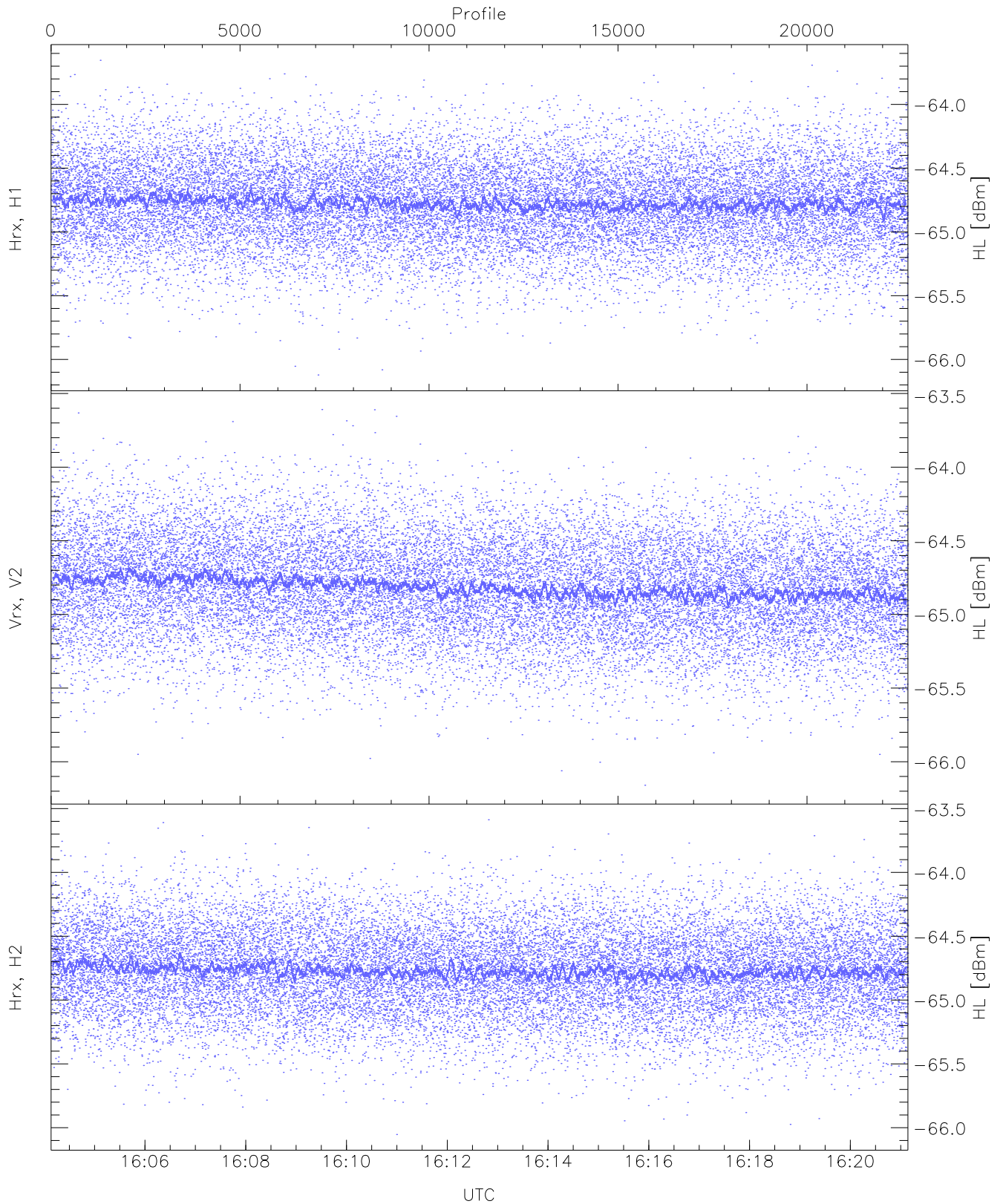
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.57	-65.17	-65.40	-65.41	-84.28
RMPHrxH1(std_dBm)	-76.21	-74.65	-75.42	-75.42	-89.06
RMPVrxV2(mean_dBm)	-65.21	-64.89	-65.05	-65.06	-84.58
RMPVrxV2(std_dBm)	-75.81	-74.30	-75.07	-75.07	-88.77
RMPHrxH2(mean_dBm)	-65.13	-64.83	-64.98	-64.99	-85.22
RMPHrxH2(std_dBm)	-75.79	-74.29	-75.00	-75.00	-88.76



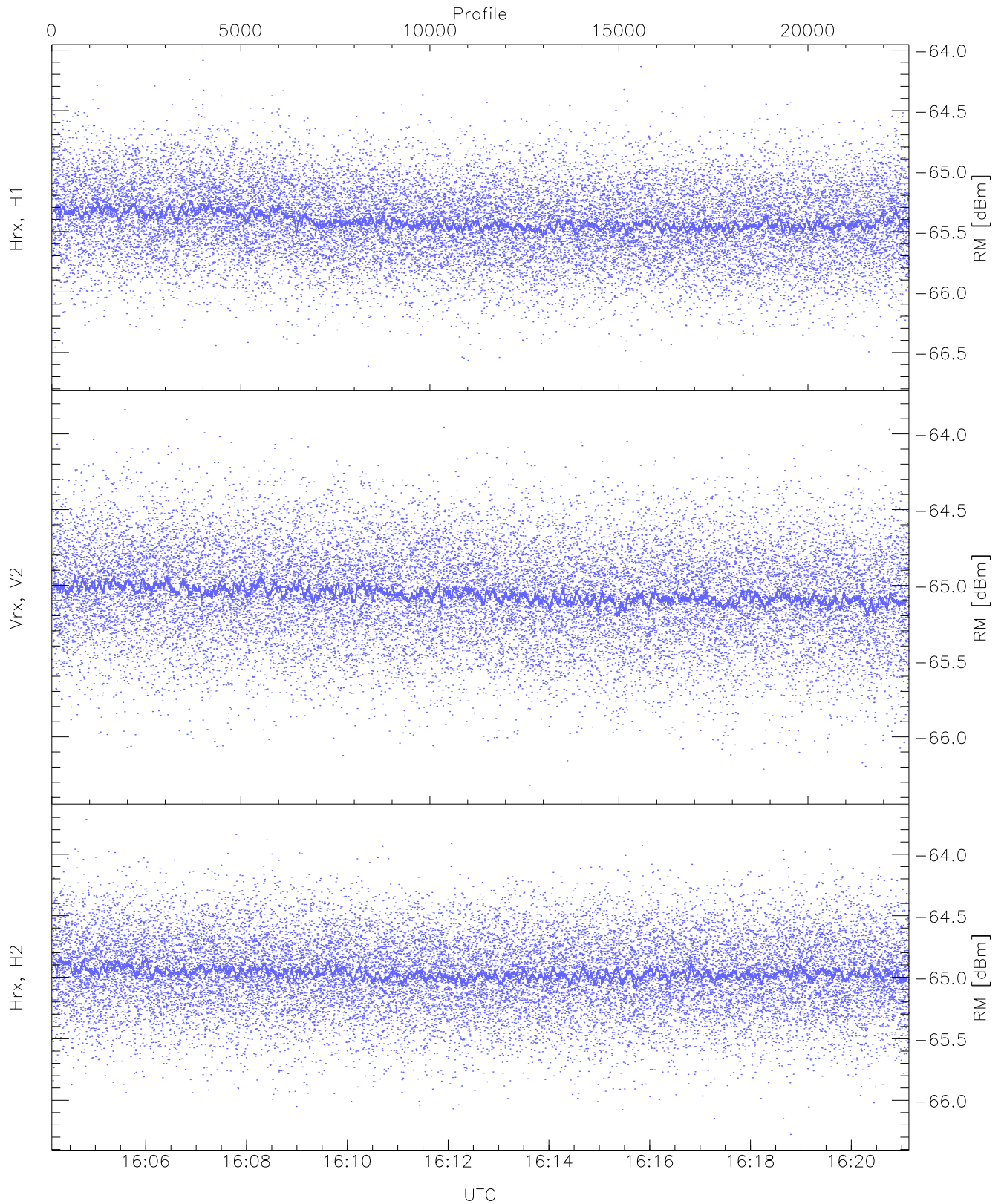
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.35	-63.83	-64.95	-64.96	-76.44
Vrx, V2 (WL [dBm])	-66.31	-63.86	-65.02	-65.02	-76.52
Hrx, H2 (WL [dBm])	-66.49	-63.73	-64.95	-64.96	-76.43



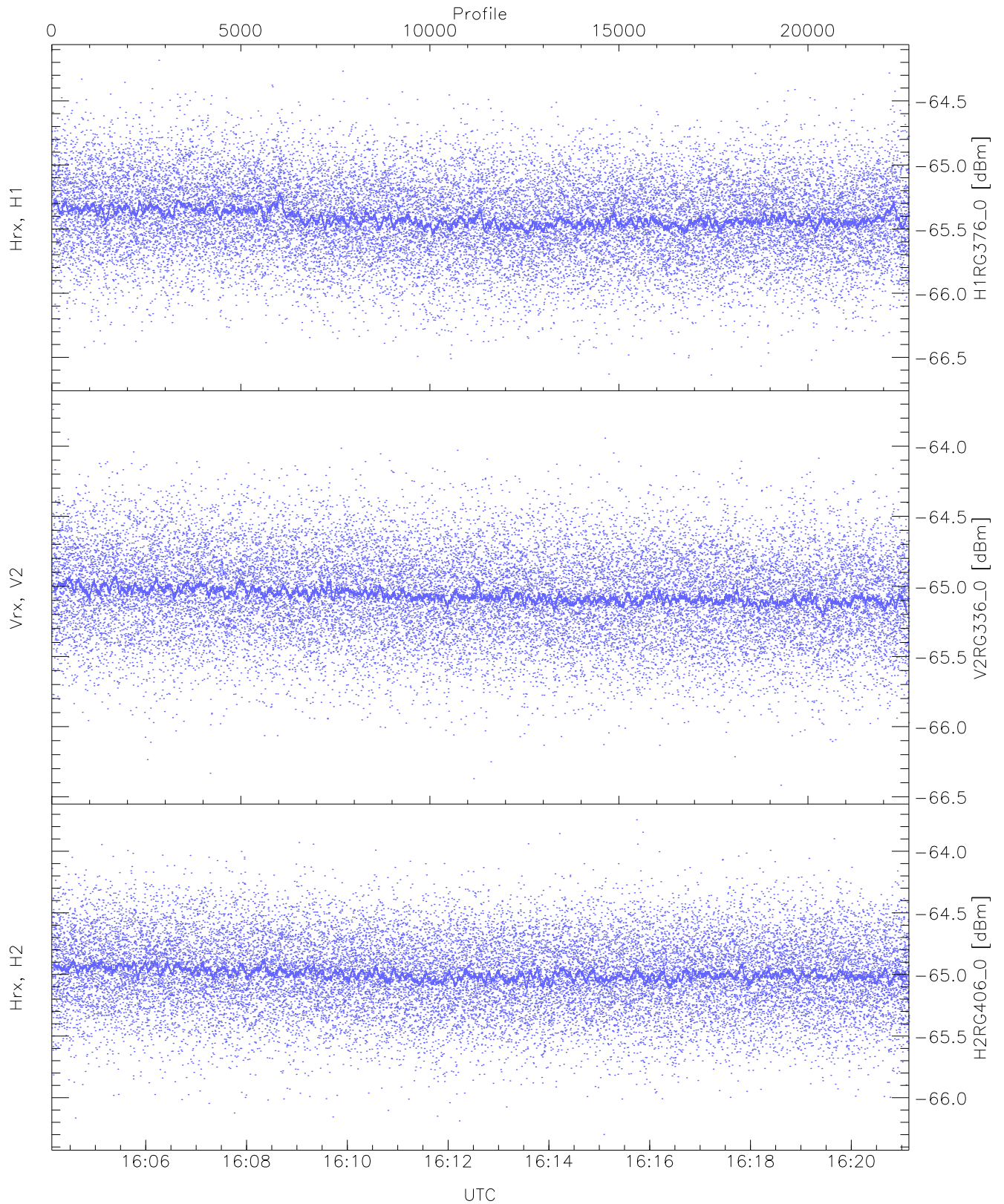
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.12	-63.65	-64.77	-64.77	-76.30
Vrx, V2 (HL [dBm])	-66.16	-63.61	-64.81	-64.82	-76.27
Hrx, H2 (HL [dBm])	-66.05	-63.59	-64.76	-64.77	-76.26



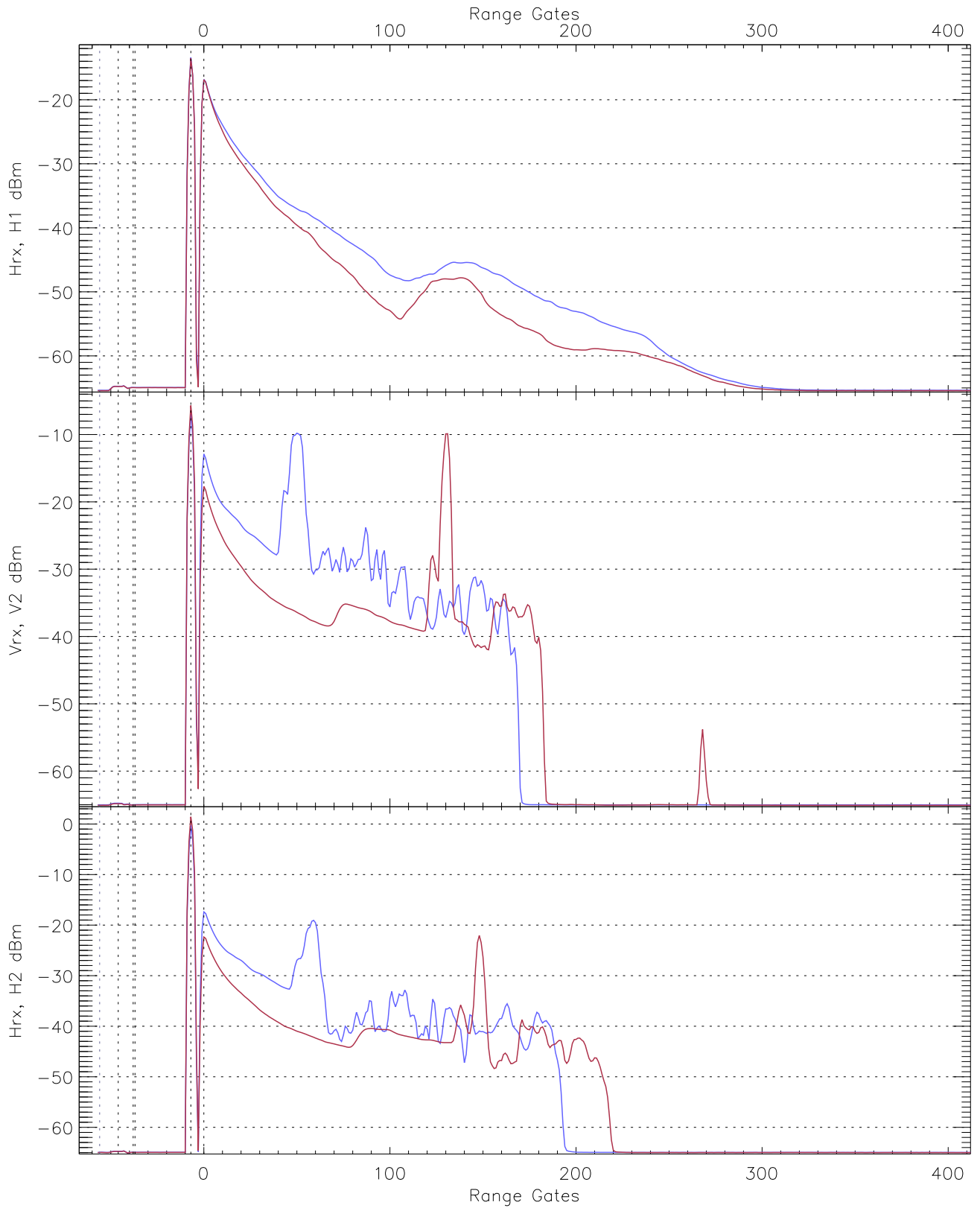
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.69	-64.08	-65.41	-65.42	-76.85
Vrx, V2 (RM [dBm])	-66.32	-63.84	-65.05	-65.06	-76.52
Hrx, H2 (RM [dBm])	-66.28	-63.72	-64.96	-64.97	-76.45

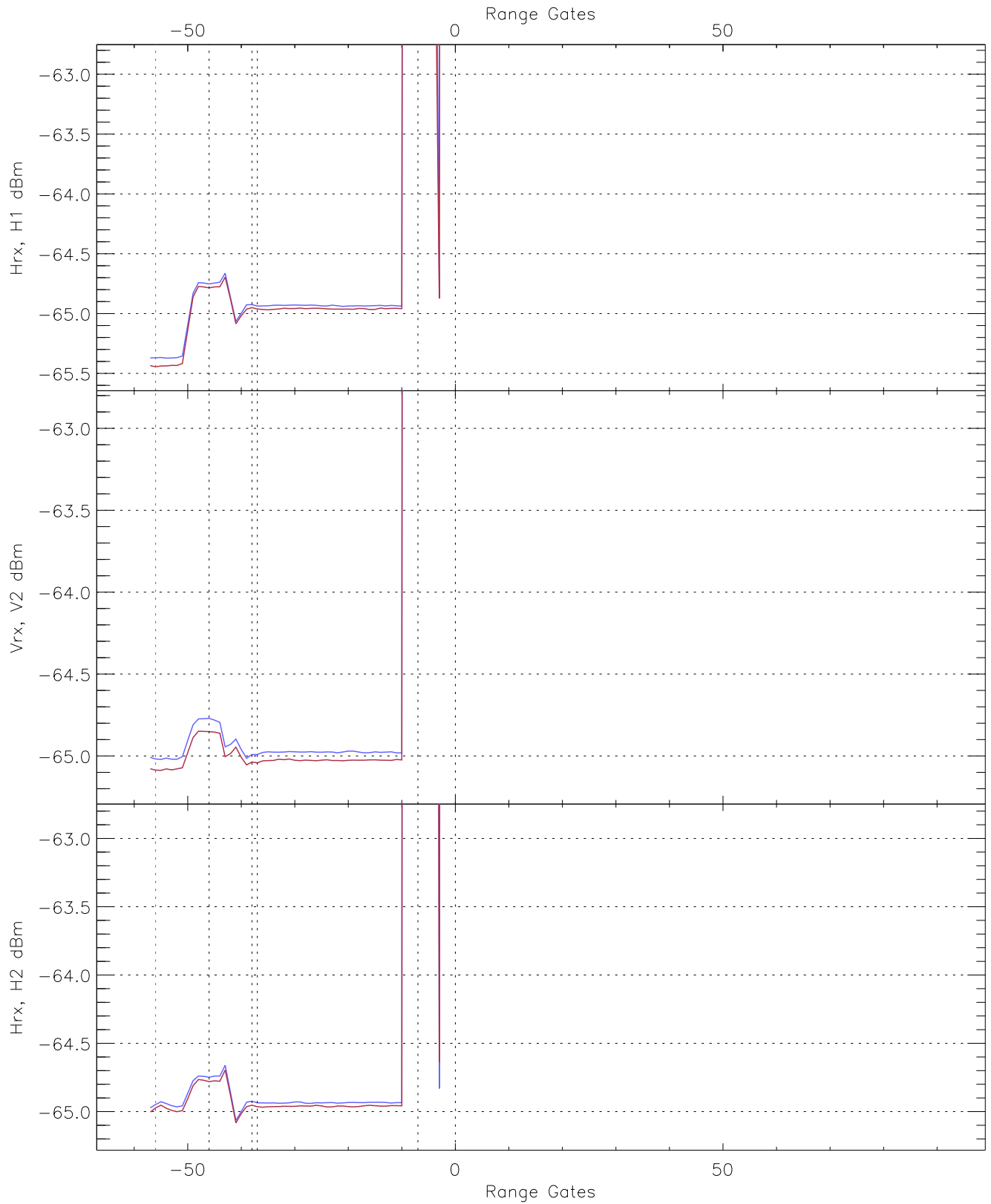


WCR3 CPP "Best" estimate Receivers Noise Power

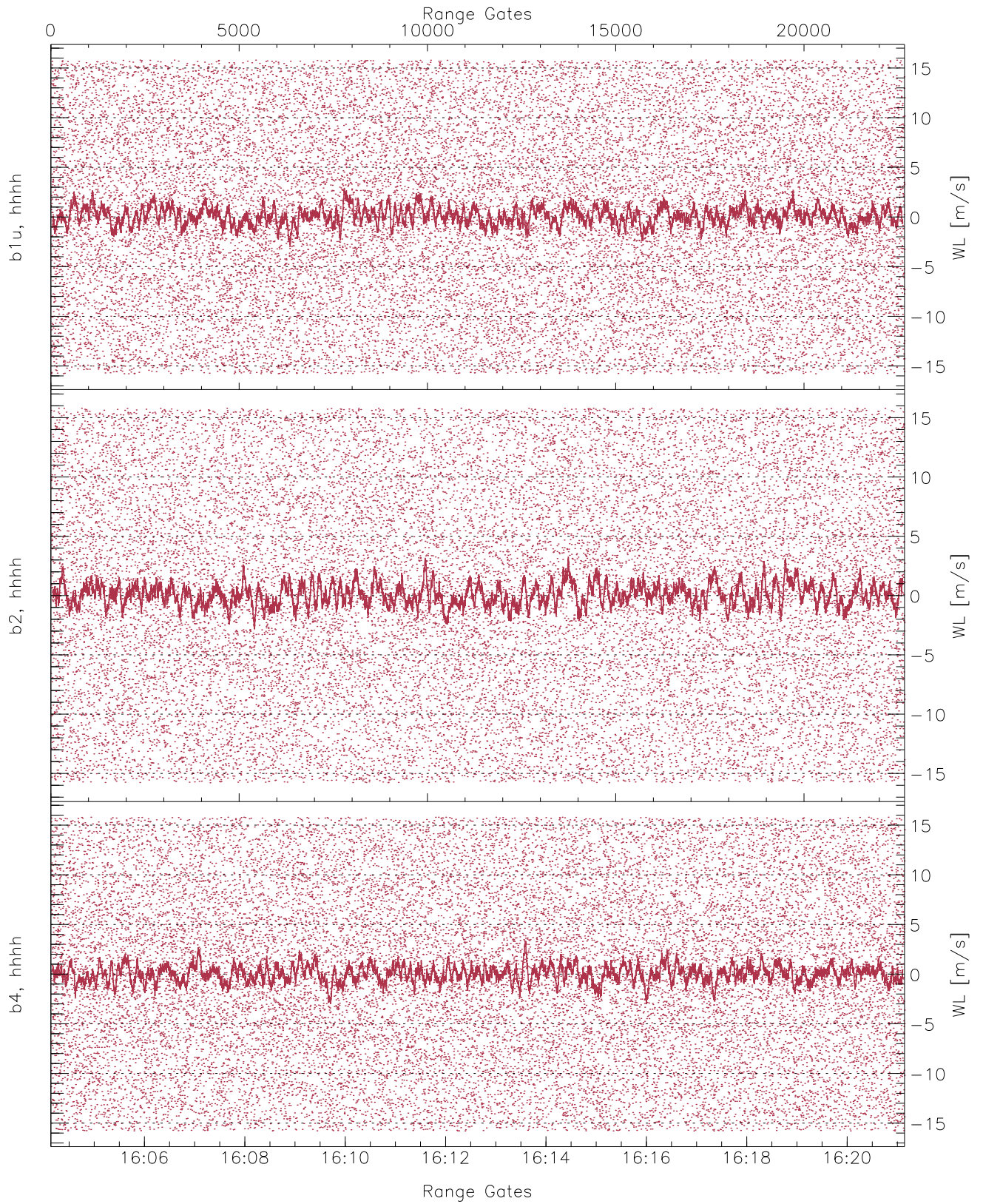
	Min	Max	Mean	Median	StDev
H1RG376_0 [dBm]	-66.64	-64.18	-65.41	-65.42	-76.87
V2RG336_0 [dBm]	-66.42	-63.74	-65.06	-65.07	-76.51
H2RG406_0 [dBm]	-66.30	-63.74	-64.99	-65.00	-76.50



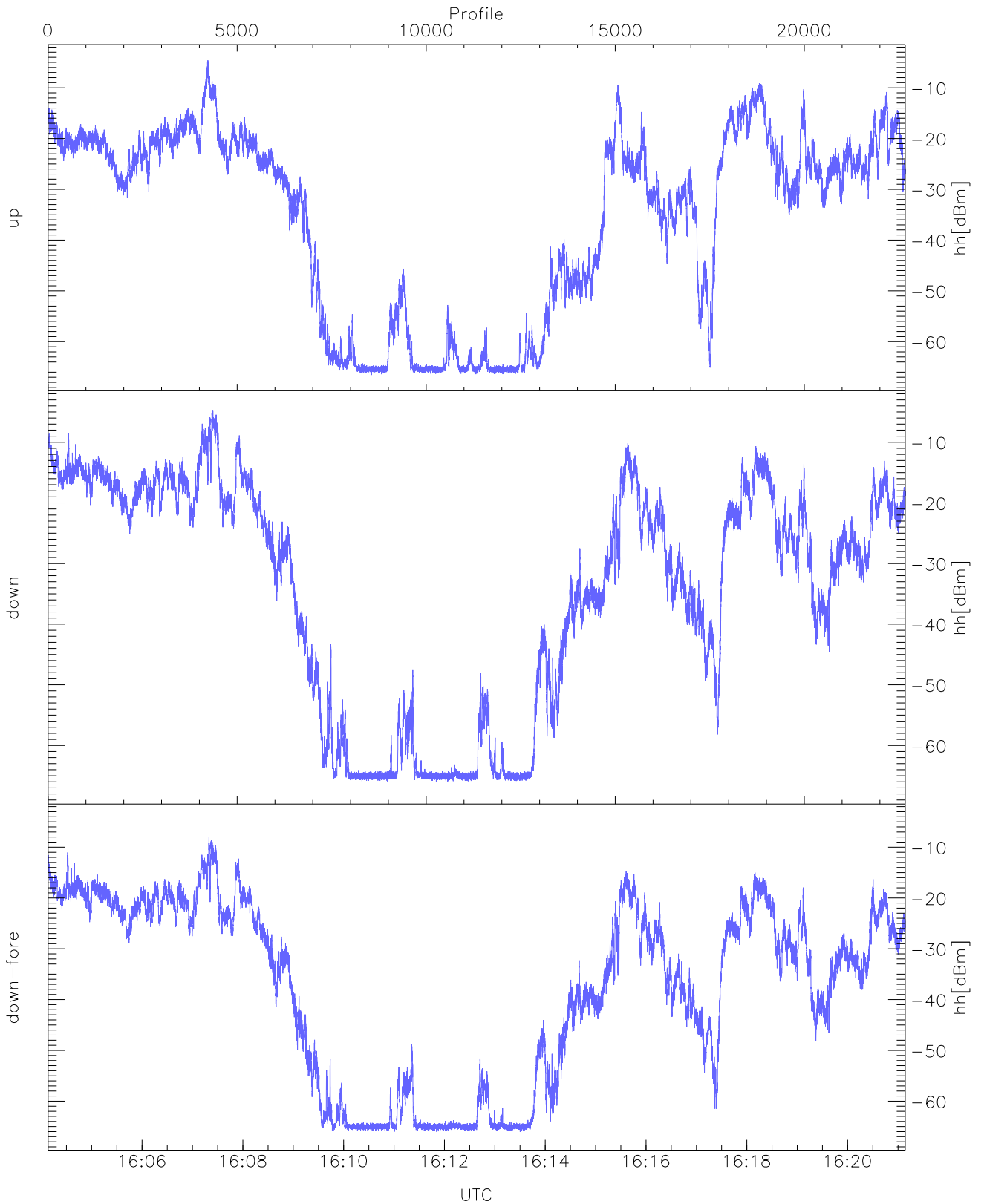
WCR3 CPP Averaged Received power for all recorded gates
blue: 160408-161238, 11337 profiles averaged
red: 161238-162109, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 160408-161238, 11337 profiles averaged
red: 161238-162109, 11336 profiles averaged

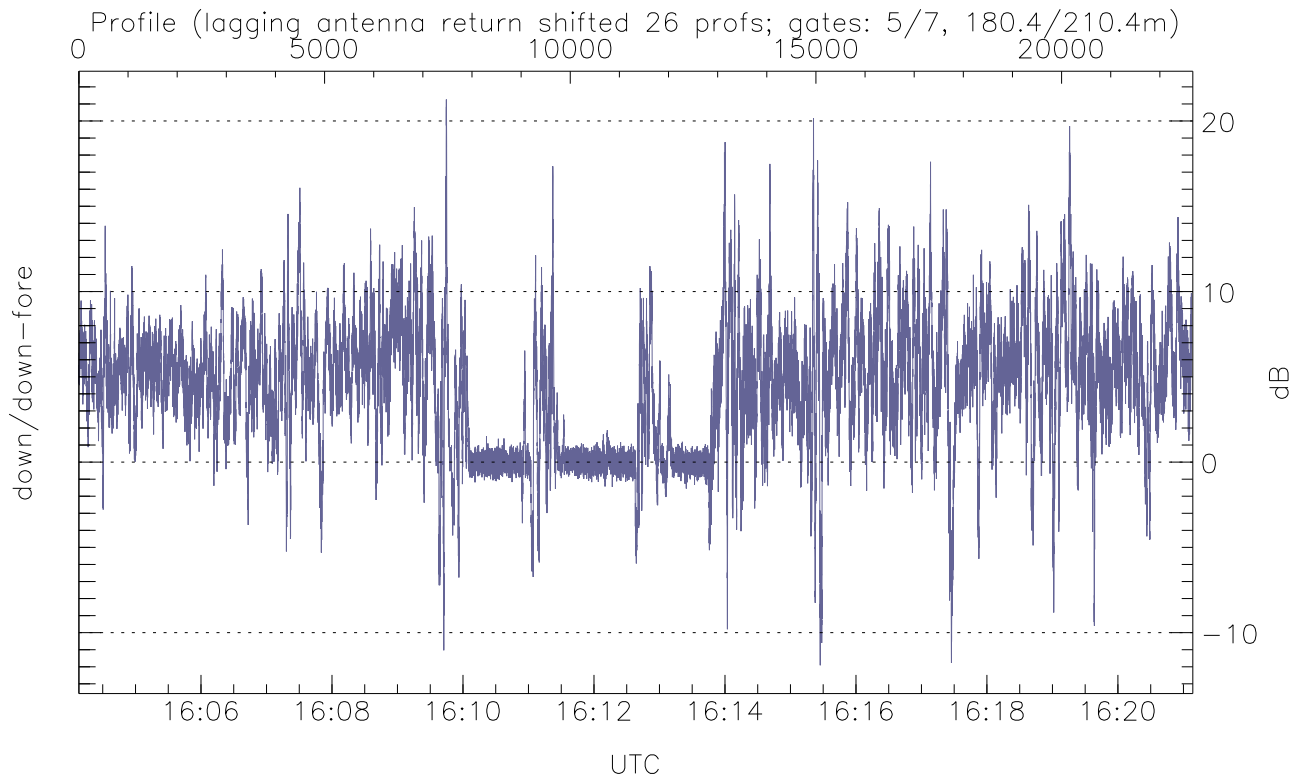
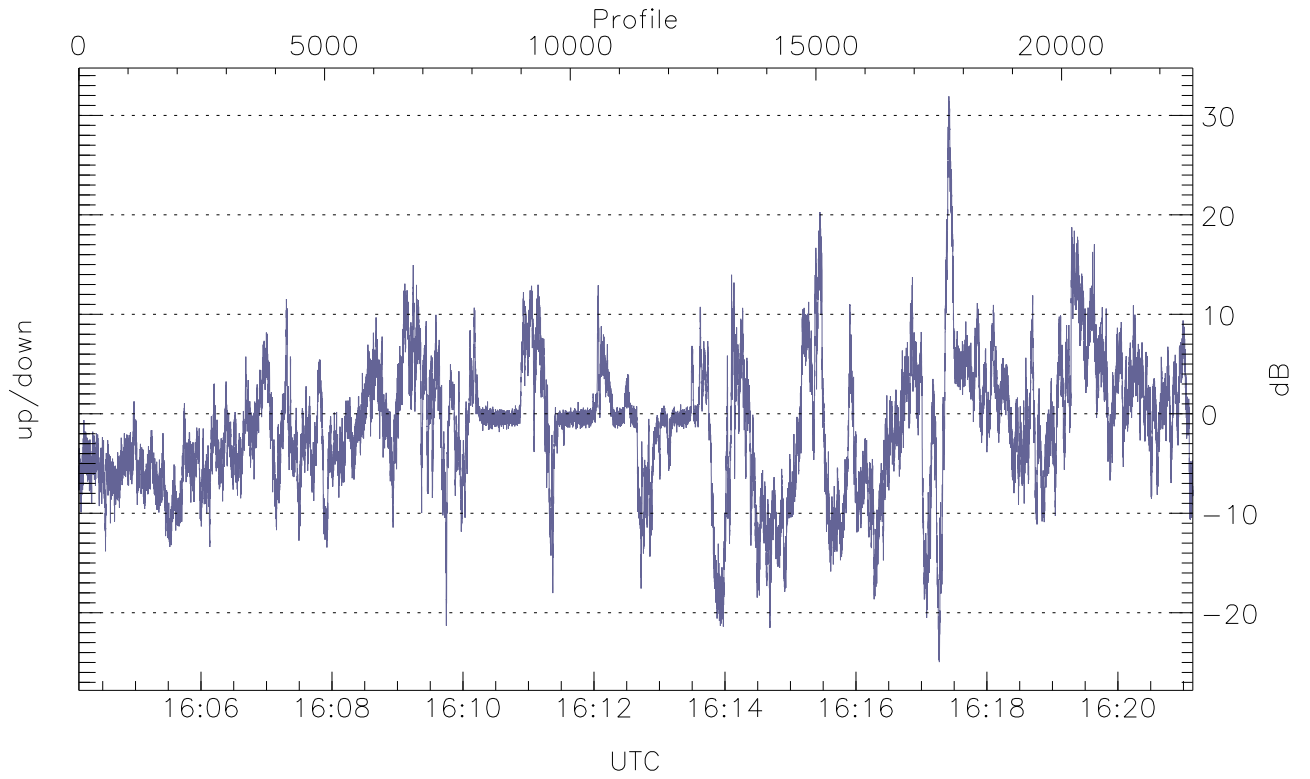


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



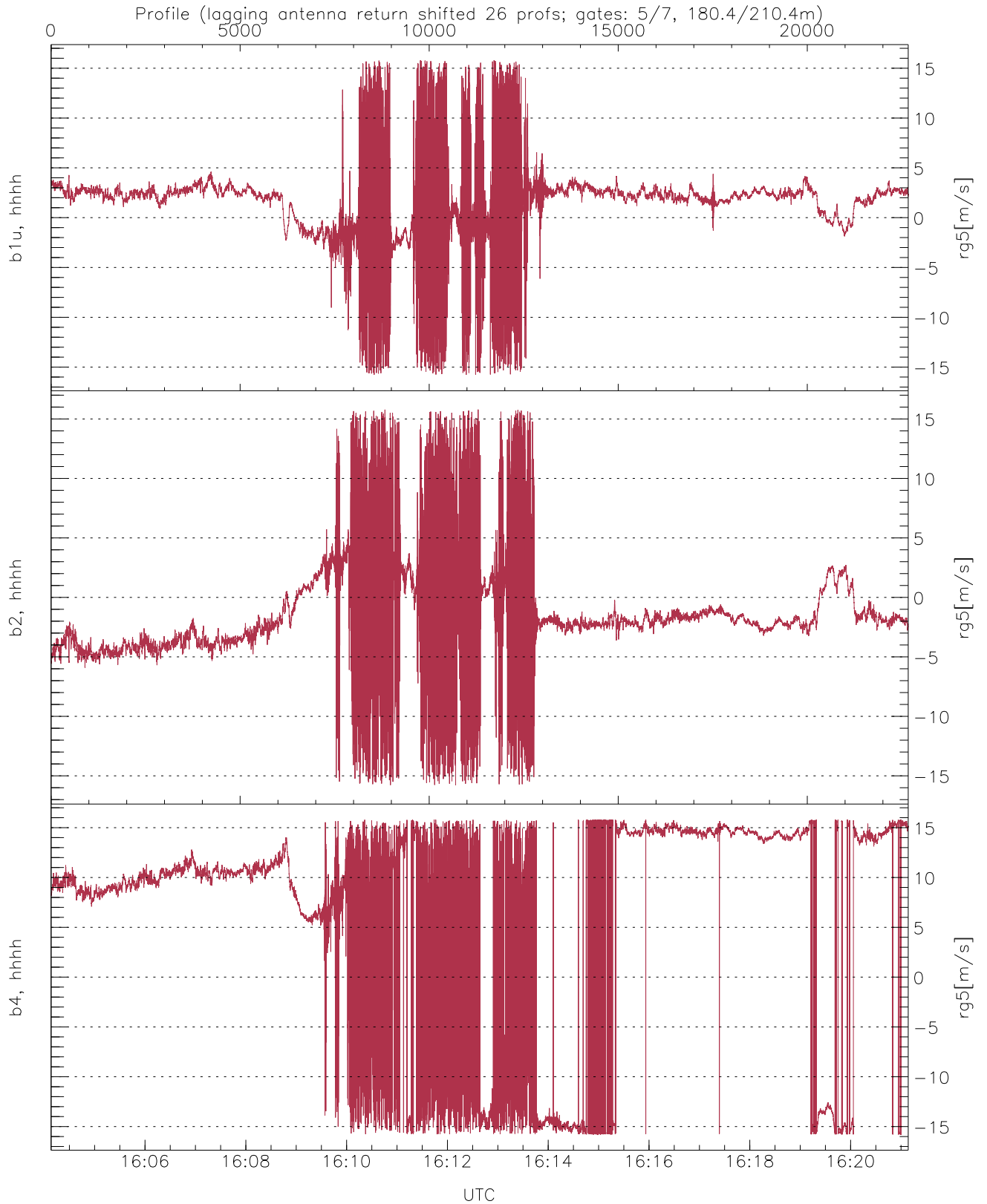
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.56	-4.60	-21.11
down(hh[dBm])	-65.94	-4.68	-19.30
down-fore(hh[dBm])	-66.02	-8.05	-23.17



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

	Min	Max	Mean
up/down (dB)	-24.96	31.92	-1.35
down/down-fore (dB)	-11.91	21.26	4.33



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.77	15.79	1.46	3.51
b2, hhhh(rg5[m/s])	-15.77	15.79	-1.56	3.83
b4, hhhh(rg5[m/s])	-15.79	15.79	6.08	10.64