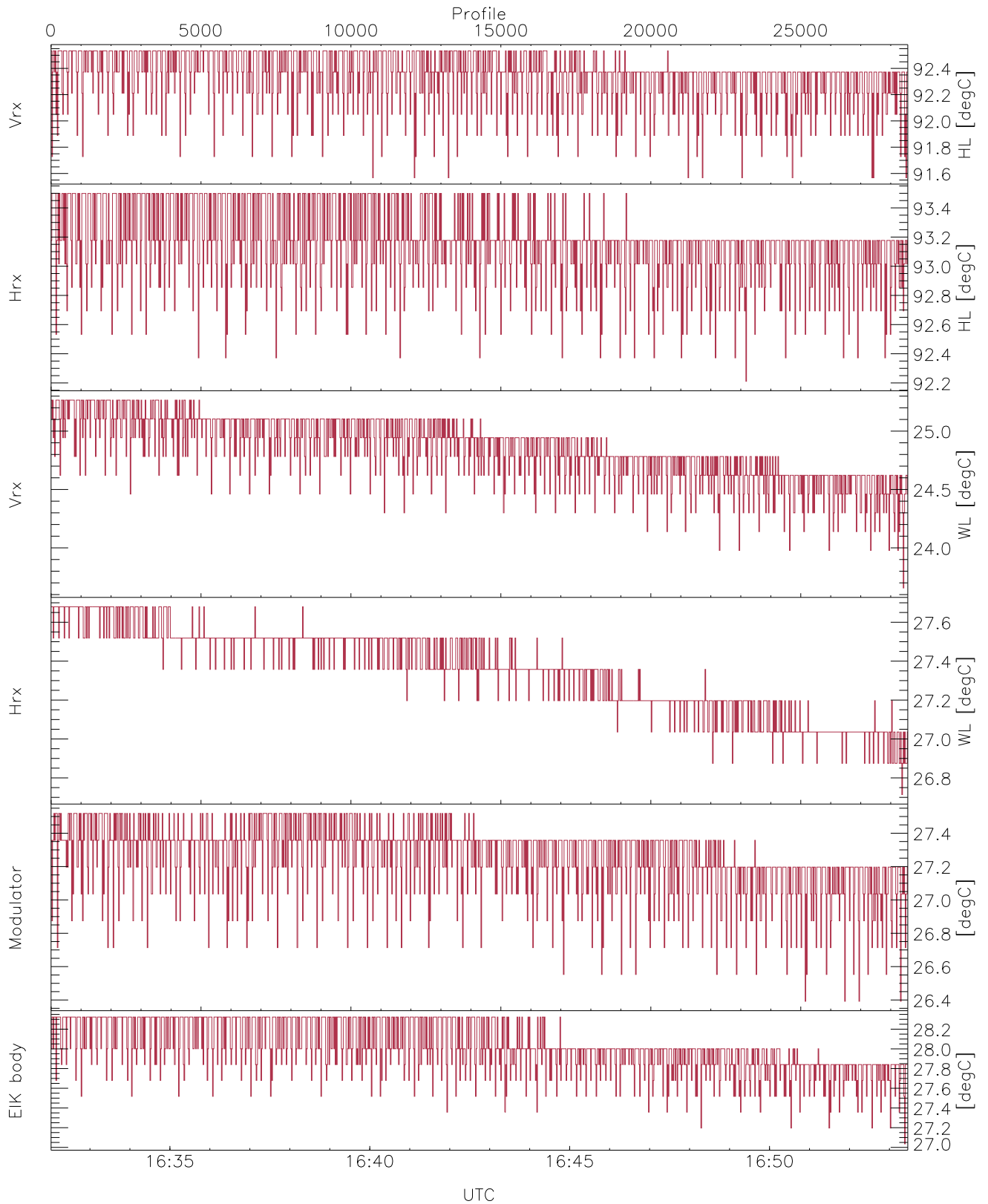


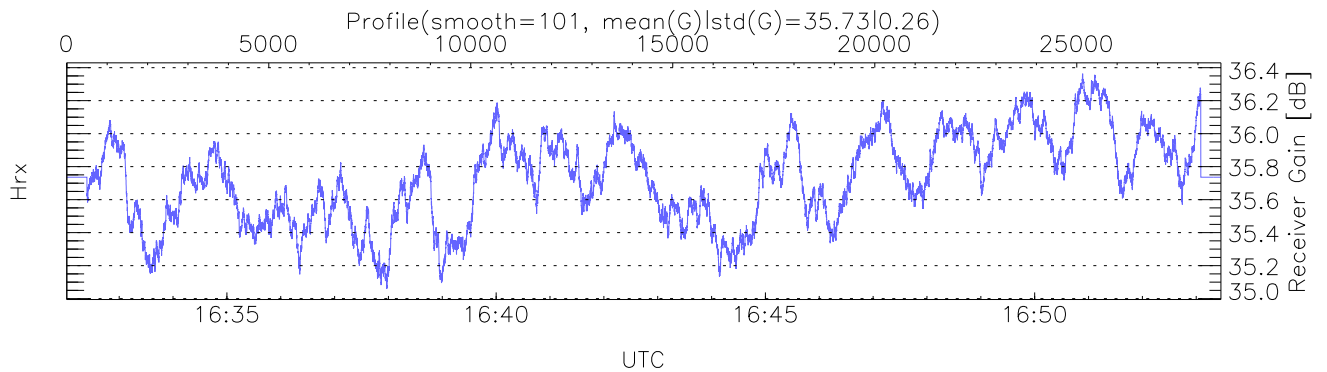
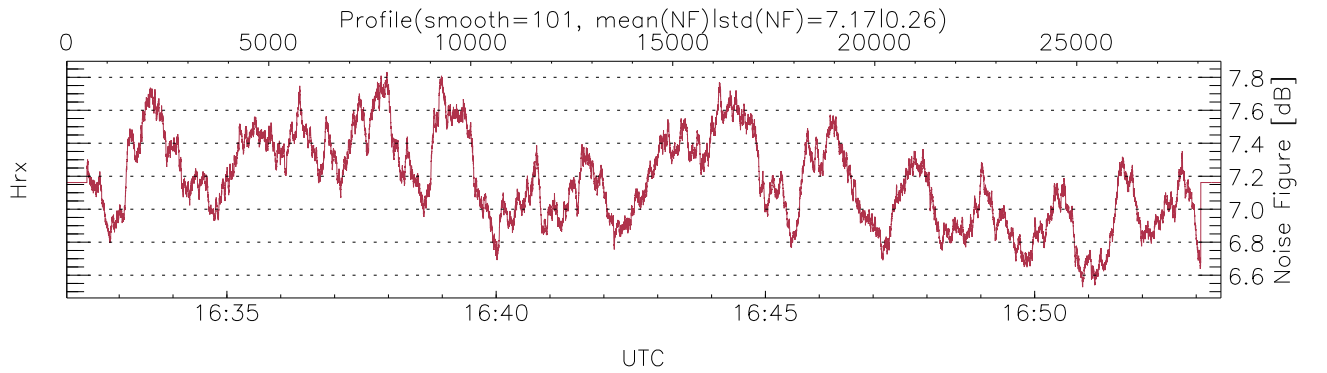
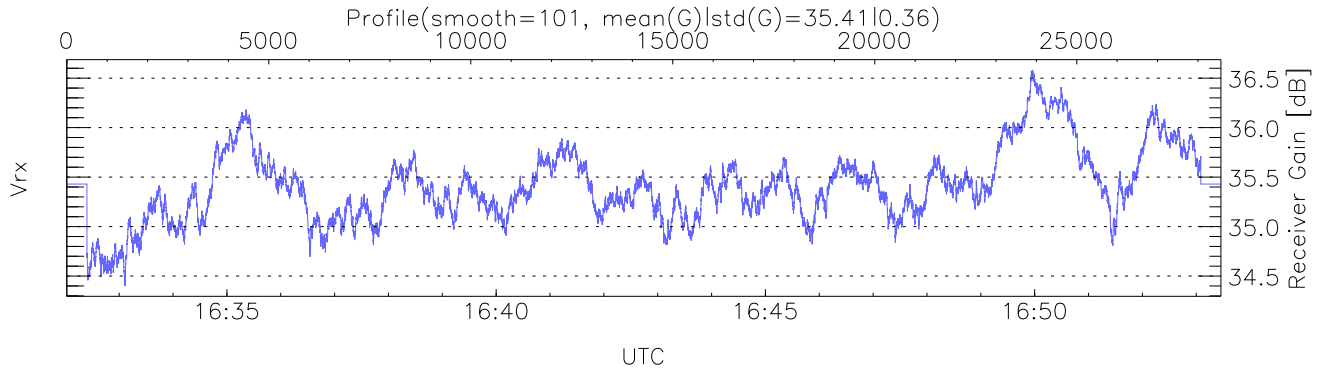
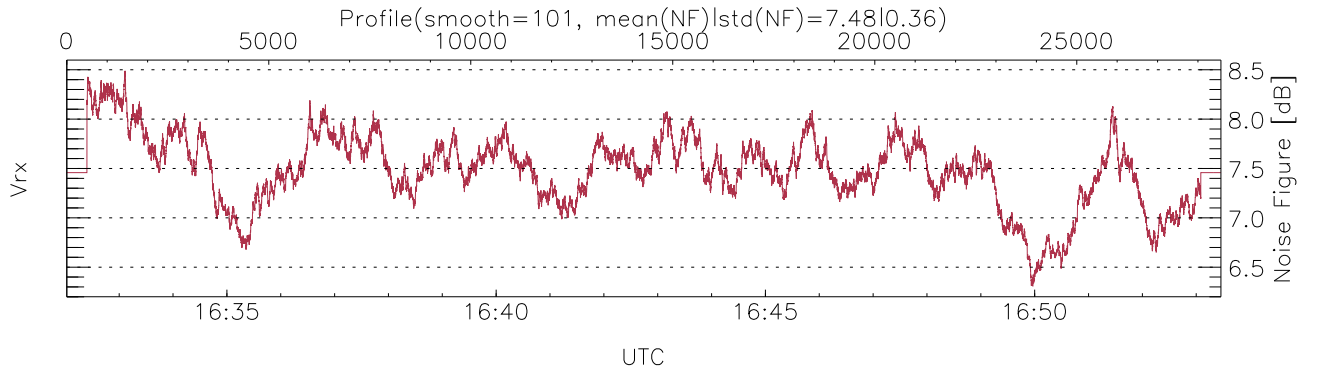
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 16:32:02-16:53:28, TimeCor: 0.00s, Dur: 1285.93s
 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): 28570/28570, 0-28569/16:32:02-16:53:28
 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



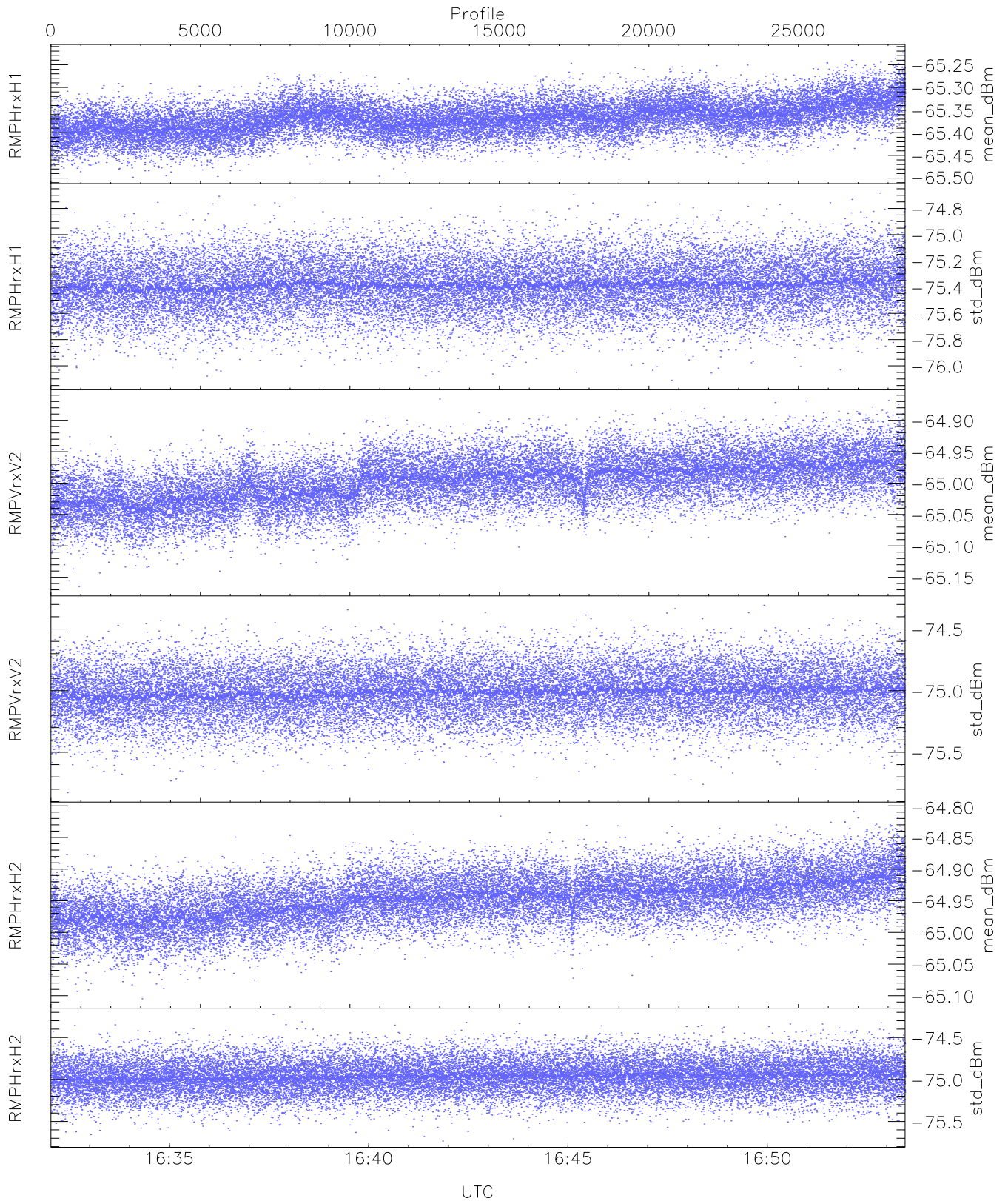
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,23,26,26,27
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,25,27,27,28
 LOalarm(20,240,2817,14861 MHz): 0,0,24,0
 EIK/Modulator Faults: None



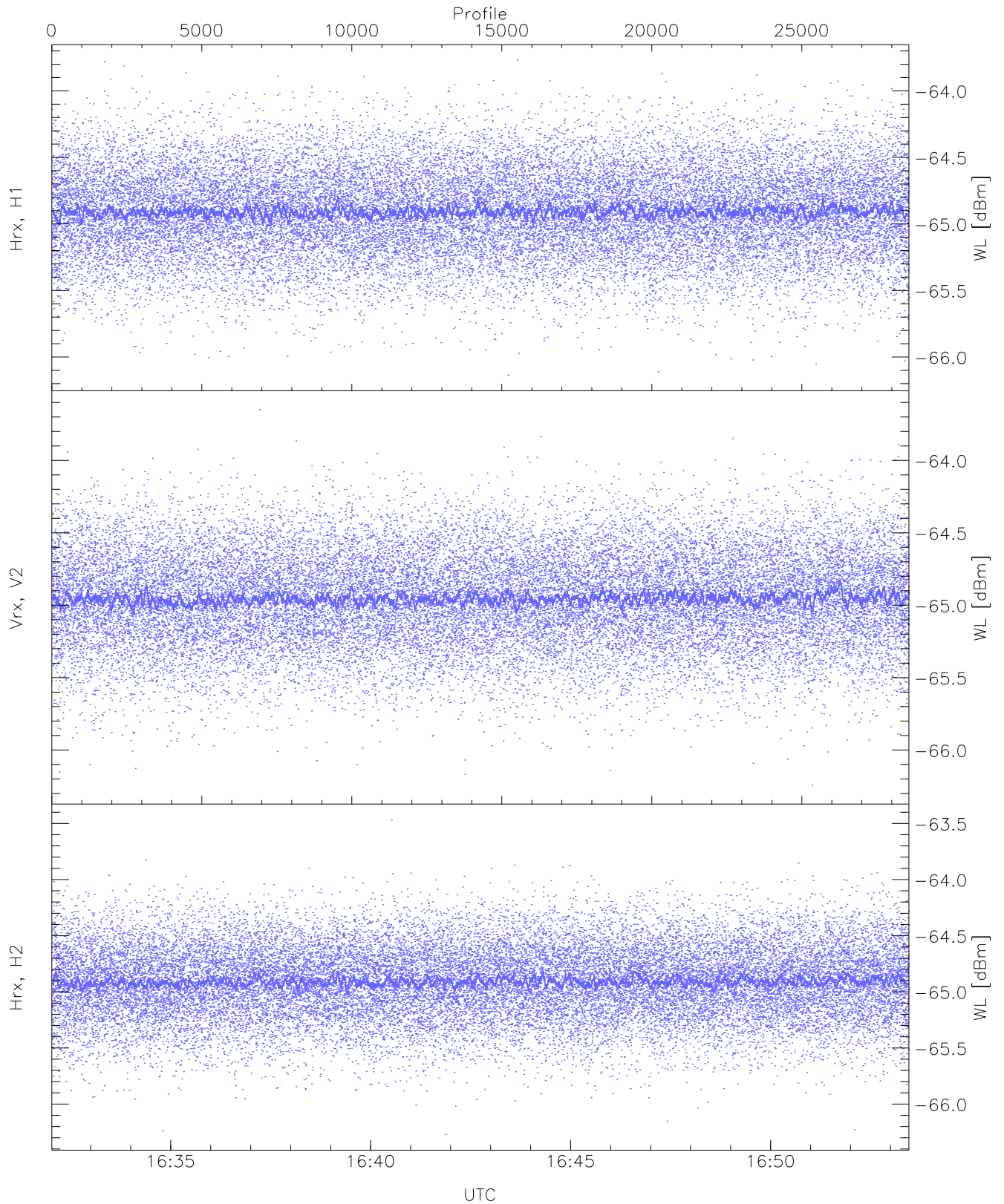
WCR3 CPP Receivers Gain and Noise Figure

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



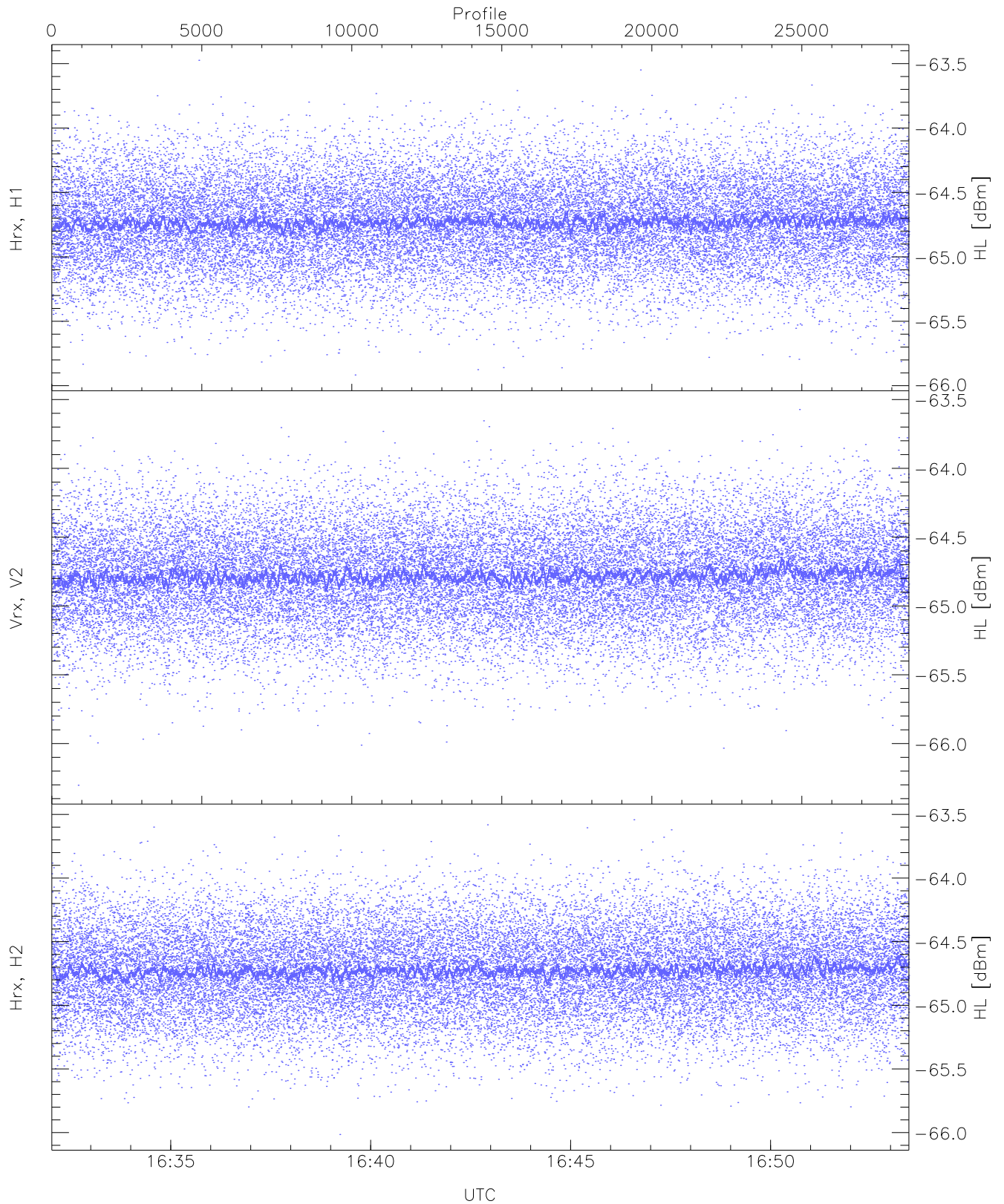
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.50	-65.22	-65.37	-65.37	-86.24
RMPHrxH1(std_dBm)	-76.11	-74.68	-75.38	-75.39	-89.15
RMPVrxV2(mean_dBm)	-65.16	-64.87	-65.00	-65.00	-85.63
RMPVrxV2(std_dBm)	-75.83	-74.31	-75.01	-75.02	-88.74
RMPHrxH2(mean_dBm)	-65.10	-64.81	-64.95	-64.95	-85.65
RMPHrxH2(std_dBm)	-75.73	-74.23	-74.96	-74.97	-88.76



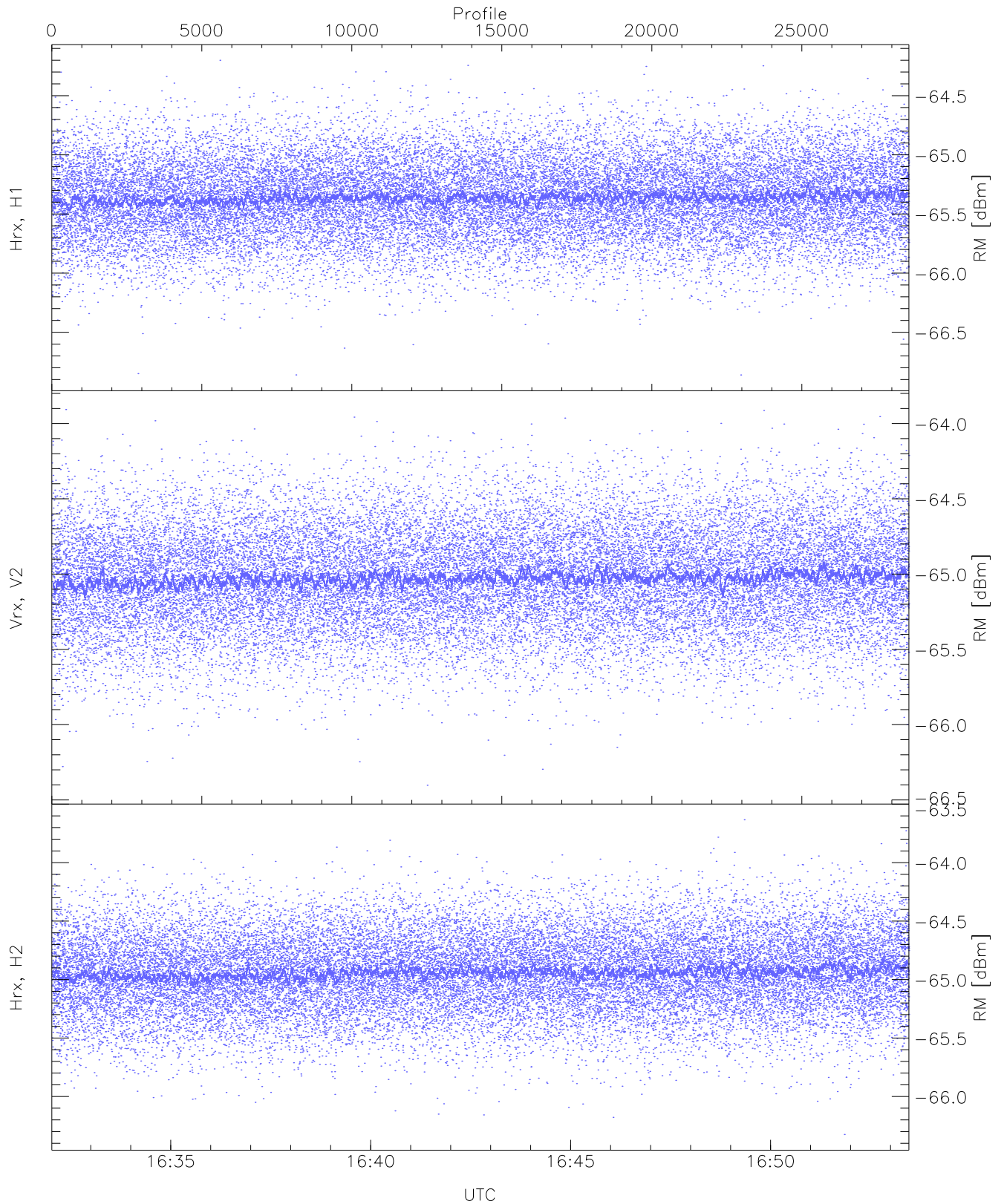
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.14	-63.77	-64.90	-64.91	-76.40
Vrx, V2 (WL [dBm])	-66.24	-63.65	-64.95	-64.96	-76.44
Hrx, H2 (WL [dBm])	-66.27	-63.47	-64.90	-64.91	-76.43



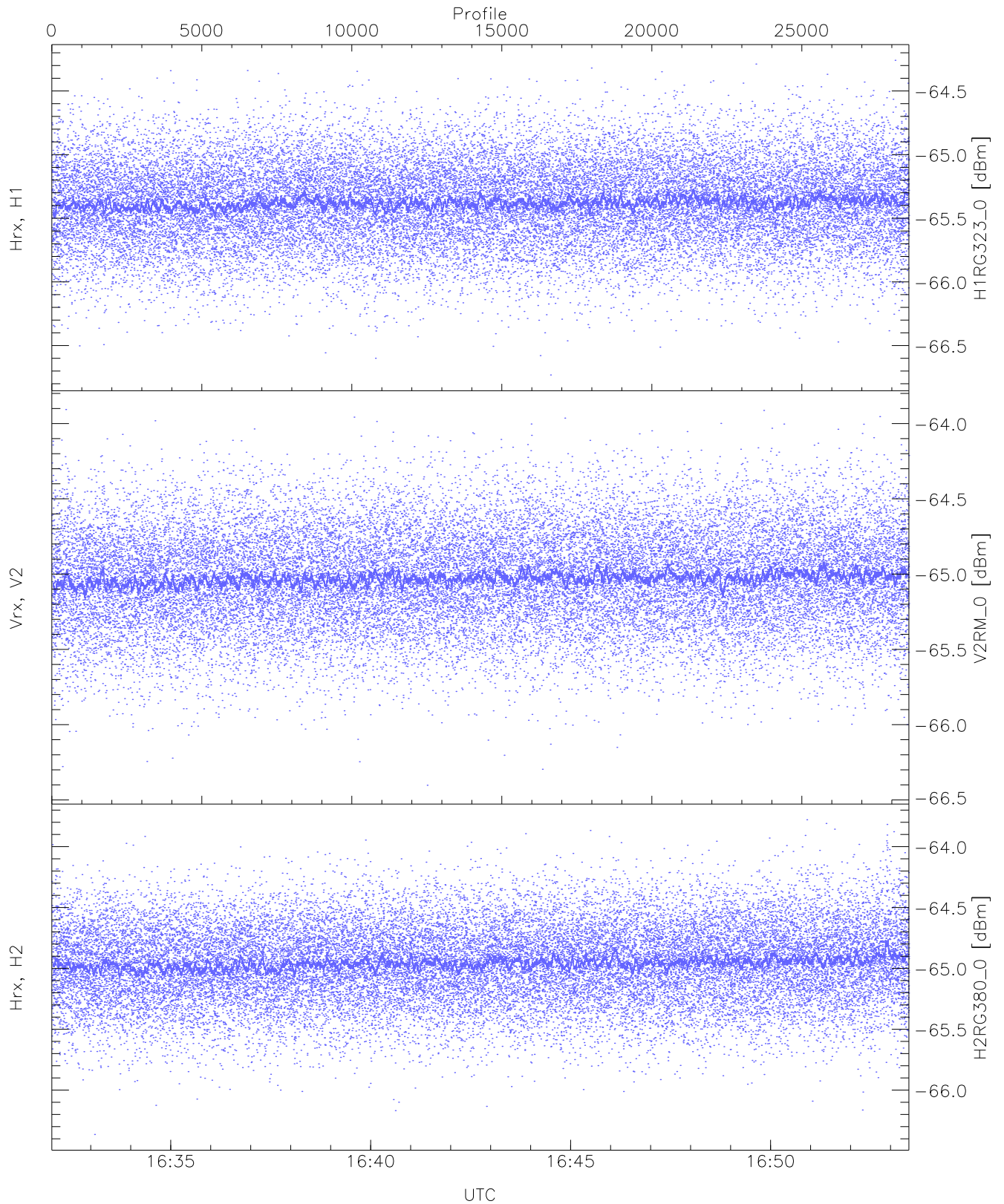
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.92	-63.47	-64.73	-64.74	-76.27
Vrx, V2 (HL [dBm])	-66.30	-63.57	-64.78	-64.78	-76.25
Hrx, H2 (HL [dBm])	-66.01	-63.54	-64.72	-64.73	-76.22



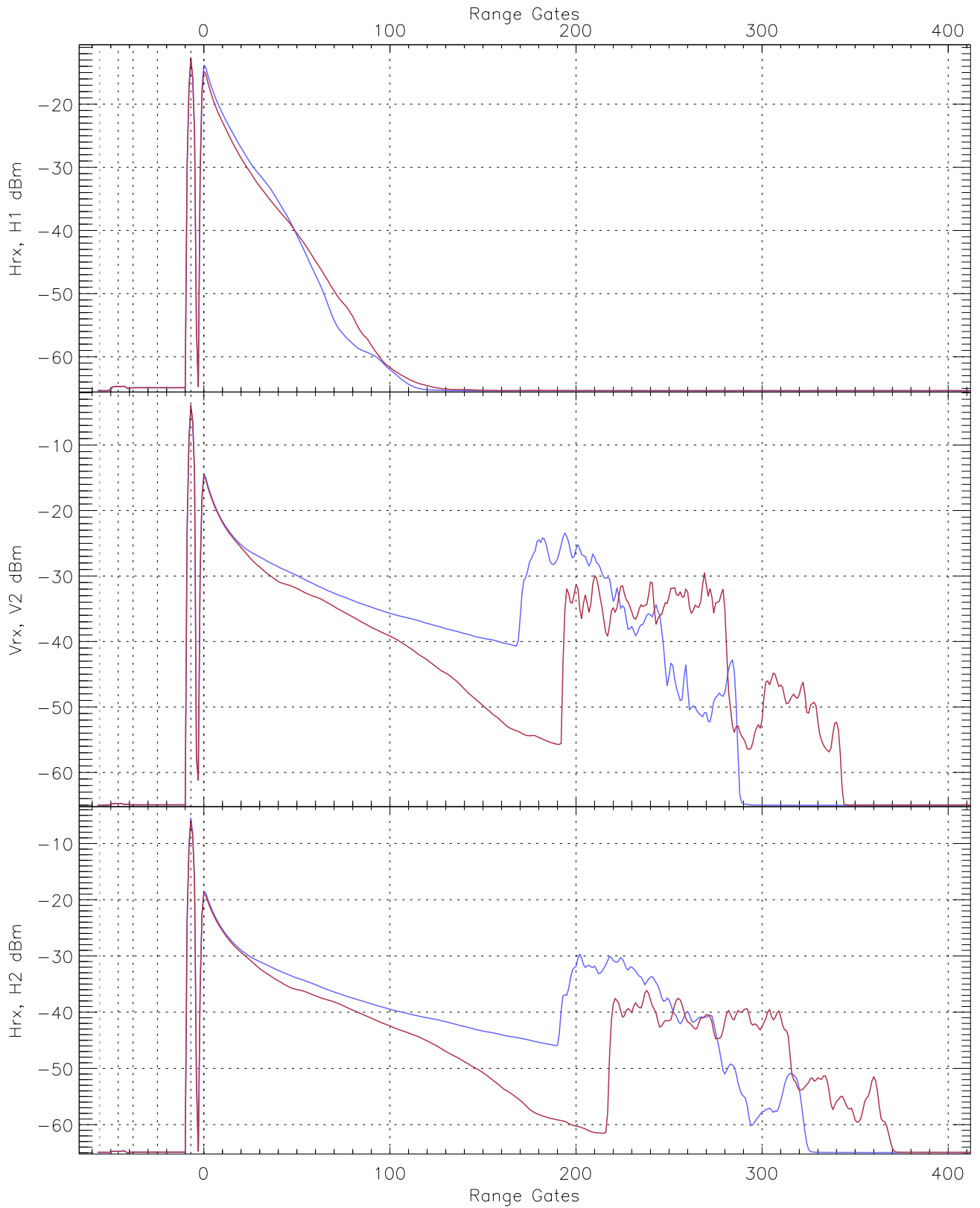
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.86	-64.20	-65.36	-65.36	-76.86
Vrx, V2 (RM [dBm])	-66.40	-63.91	-65.02	-65.03	-76.53
Hrx, H2 (RM [dBm])	-66.32	-63.63	-64.94	-64.94	-76.40

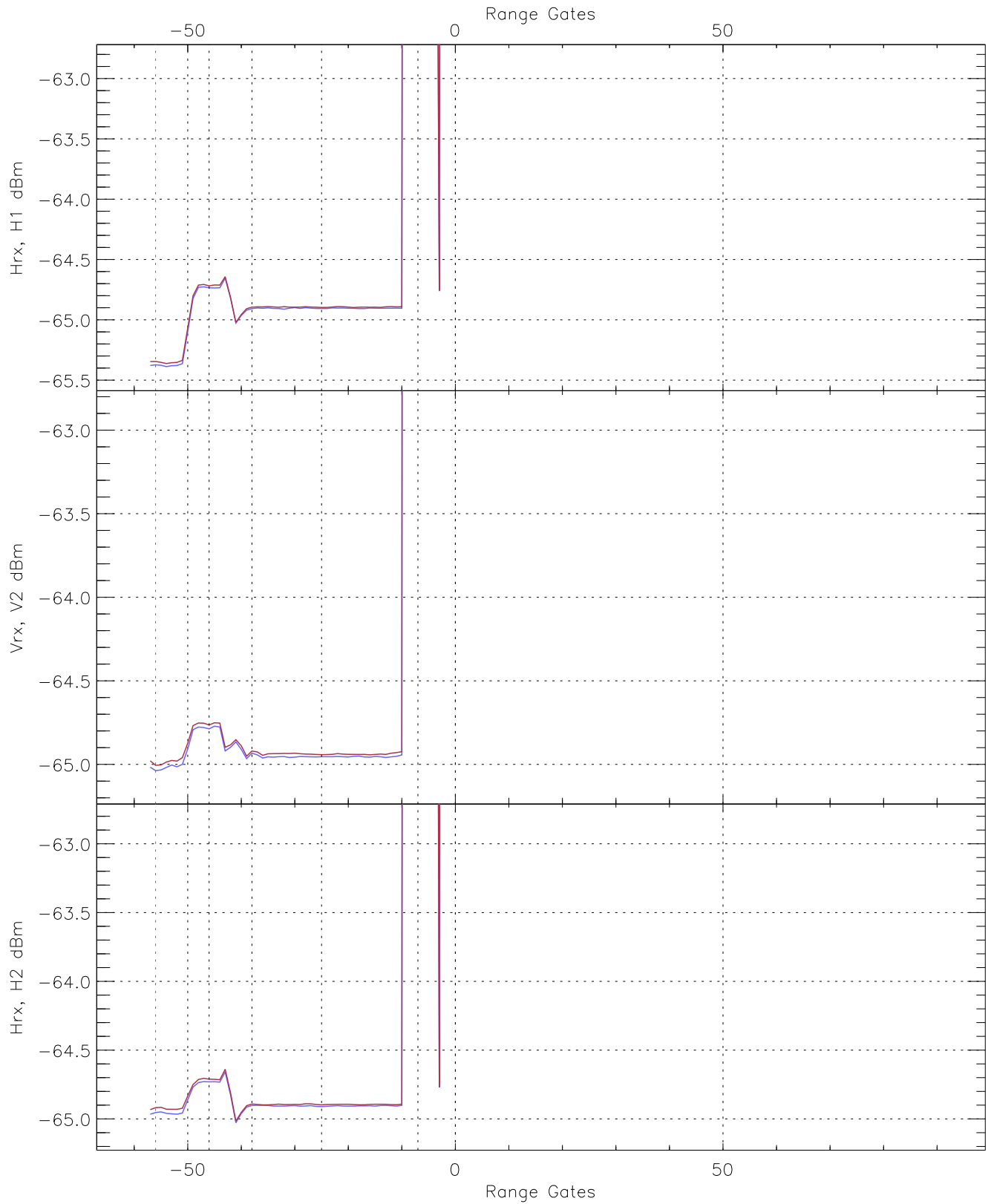


WCR3 CPP "Best" estimate Receivers Noise Power

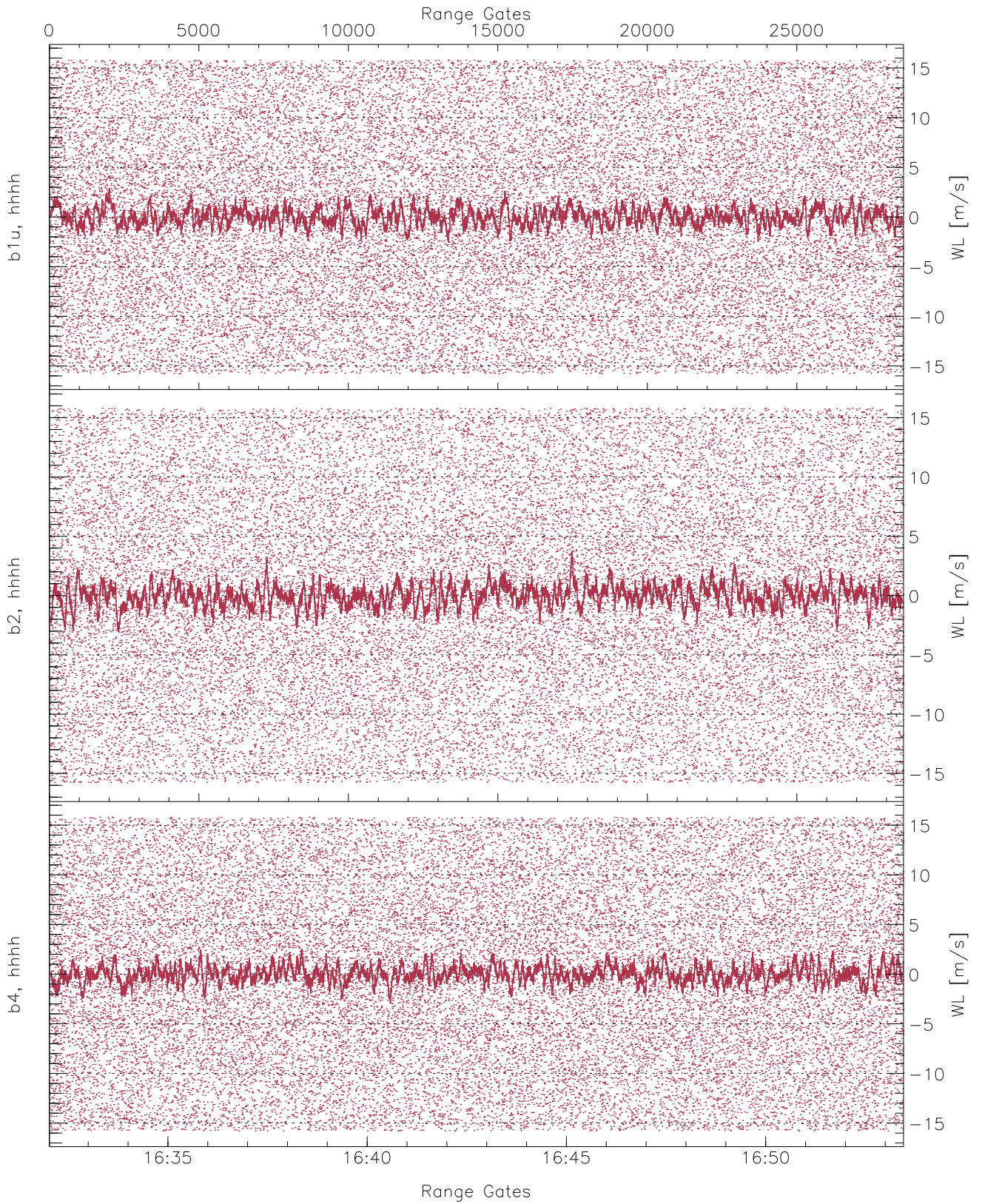
	Min	Max	Mean	Median	StDev
H1RG323_0 [dBm]	-66.73	-64.26	-65.37	-65.38	-76.86
V2RM_0 [dBm]	-66.40	-63.91	-65.02	-65.03	-76.53
H2RG380_0 [dBm]	-66.36	-63.78	-64.95	-64.96	-76.45



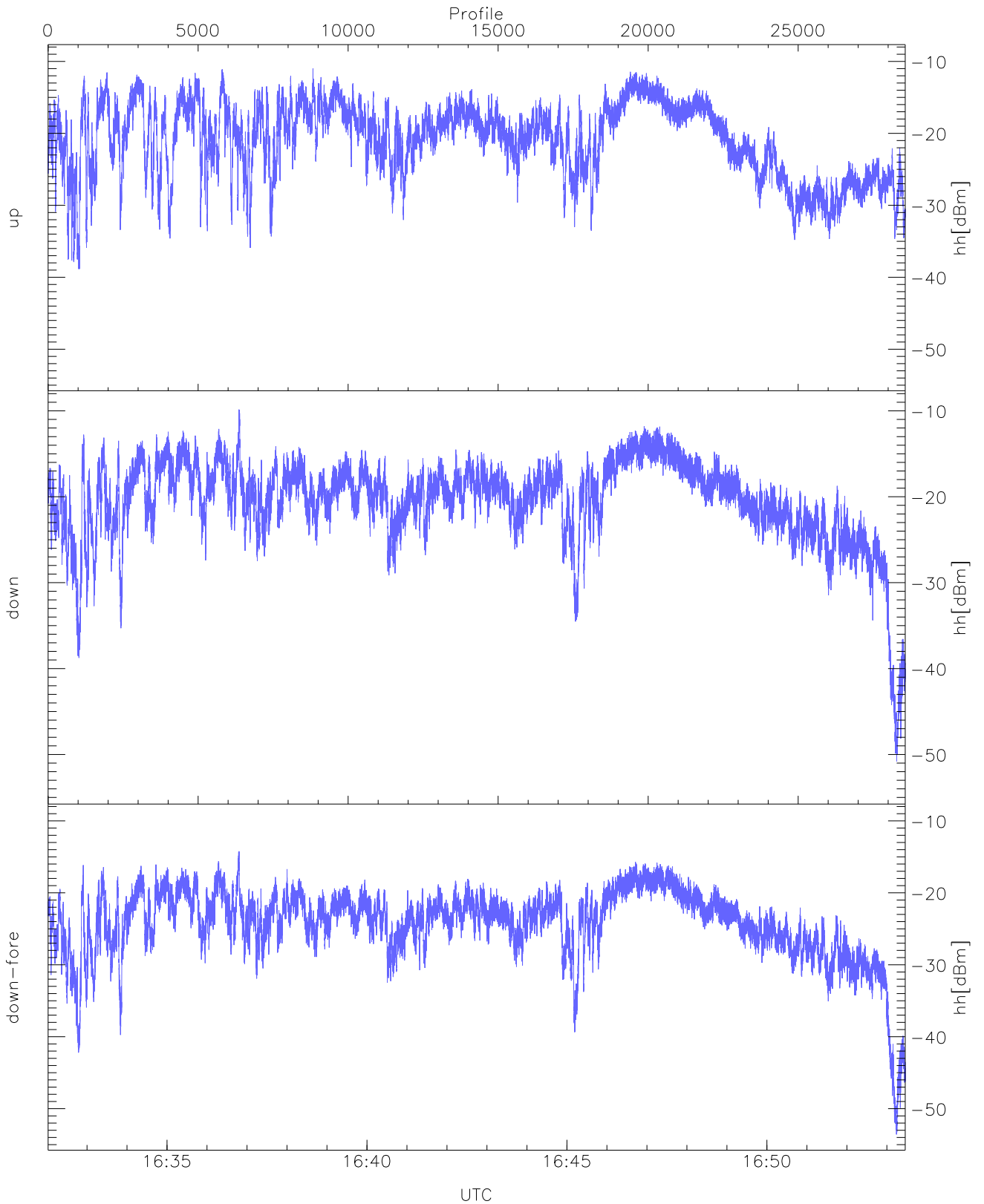
WCR3 CPP Averaged Received power for all recorded gates
blue: 163202-164245, 14286 profiles averaged
red: 164245-165328, 14285 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 163202-164245, 14286 profiles averaged
red: 164245-165328, 14285 profiles averaged

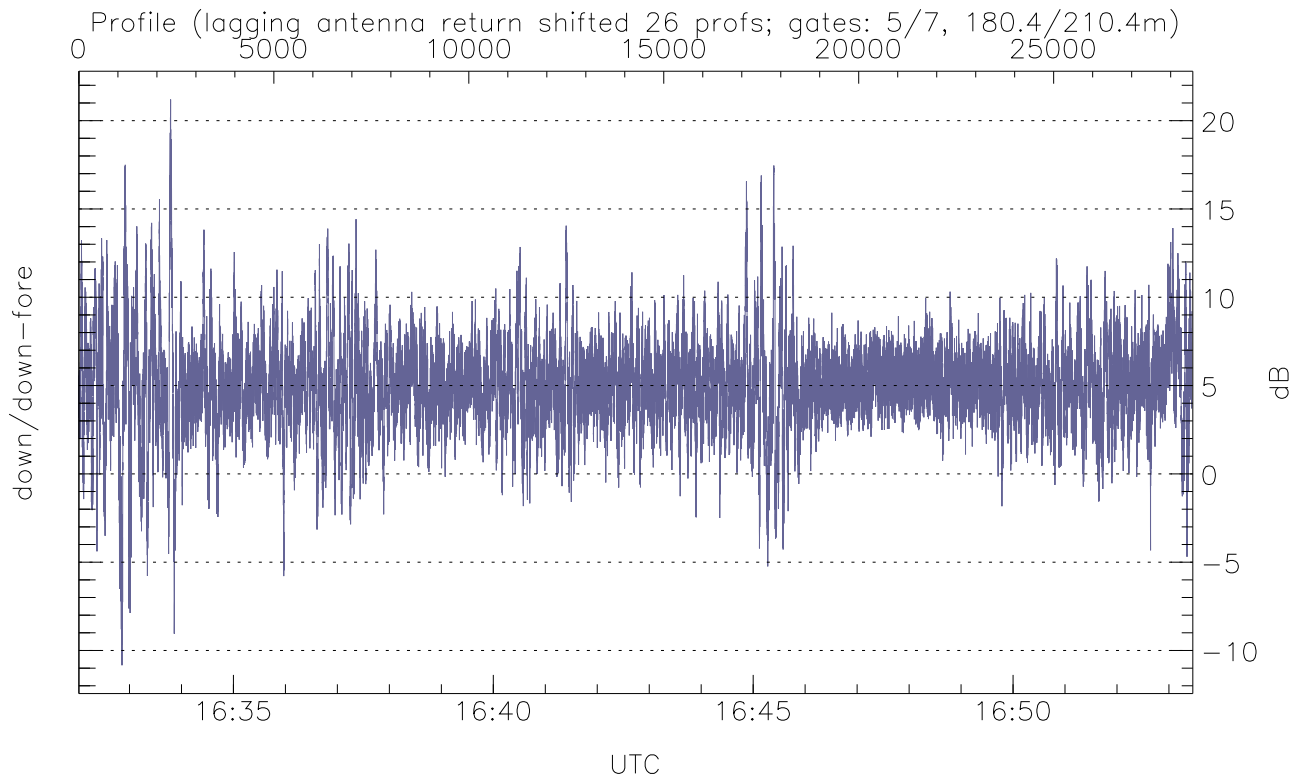
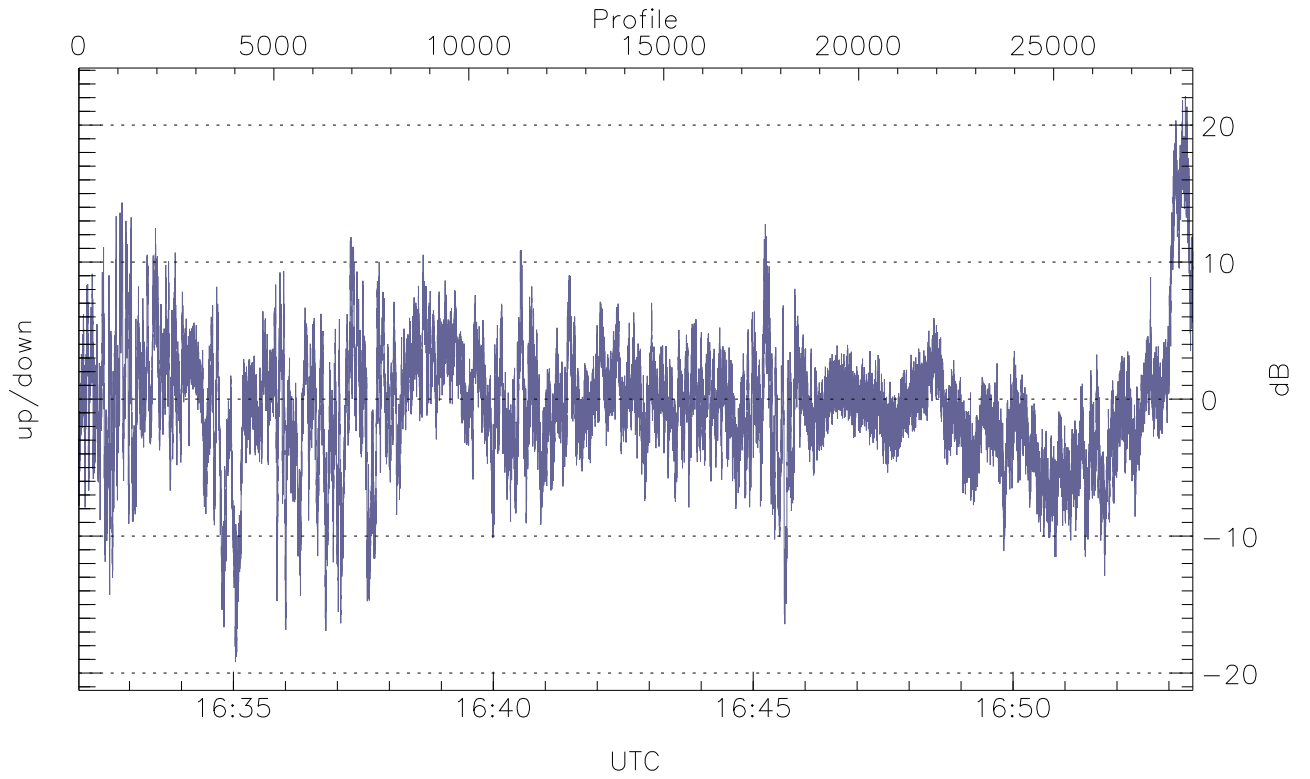


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



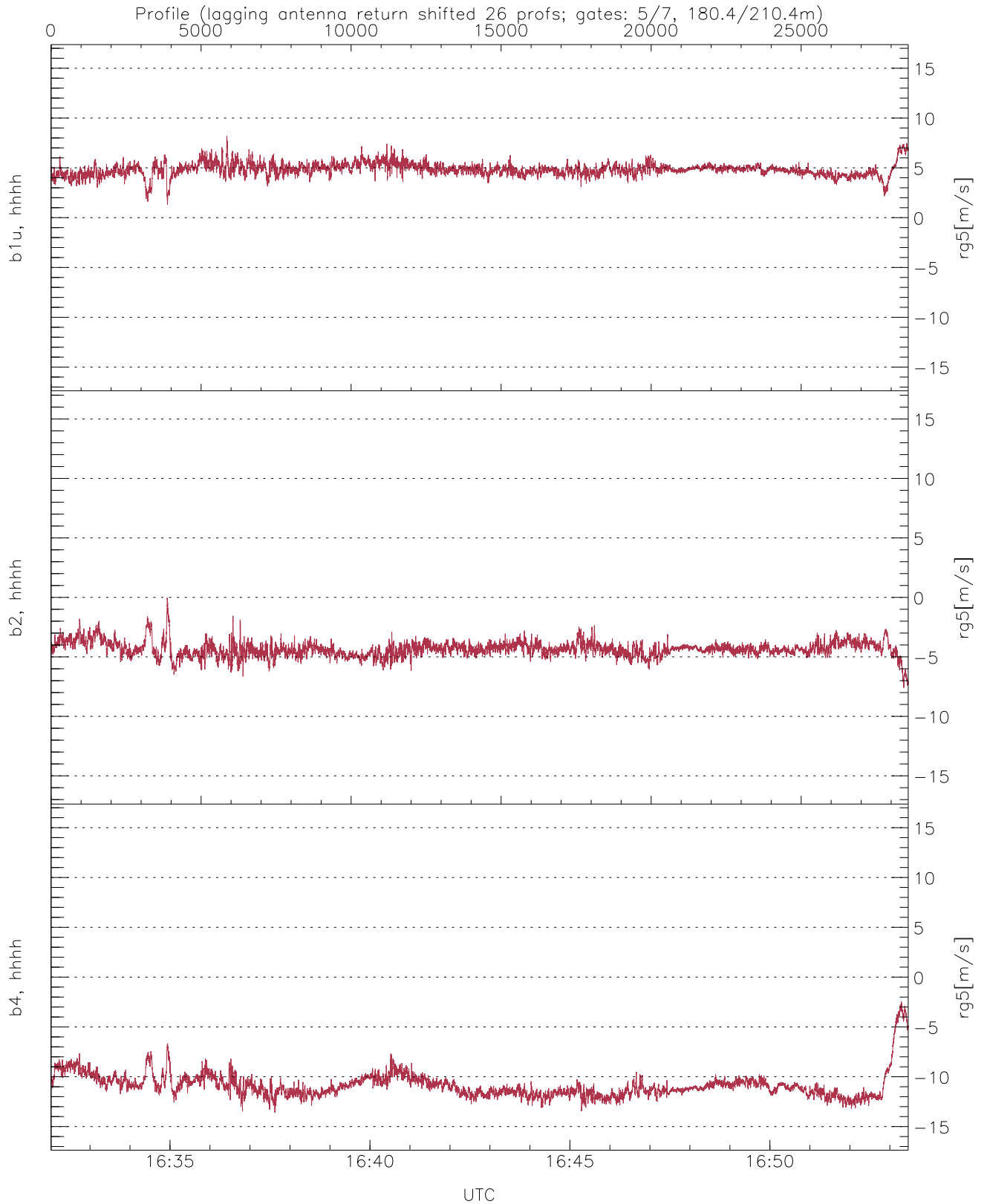
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-38.84	-11.00	-18.63
down(hh[dBm])	-50.81	-9.85	-18.68
down-fore(hh[dBm])	-53.58	-14.22	-22.43



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

	Min	Max	Mean
up/down (dB)	-19.20	22.10	-0.47
down/down-fore (dB)	-10.84	21.20	5.04



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	1.31	8.20	4.82	0.65
b2, hhhh(rg5[m/s])	-7.60	-0.03	-4.34	0.64
b4, hhhh(rg5[m/s])	-13.59	-2.42	-10.86	1.31