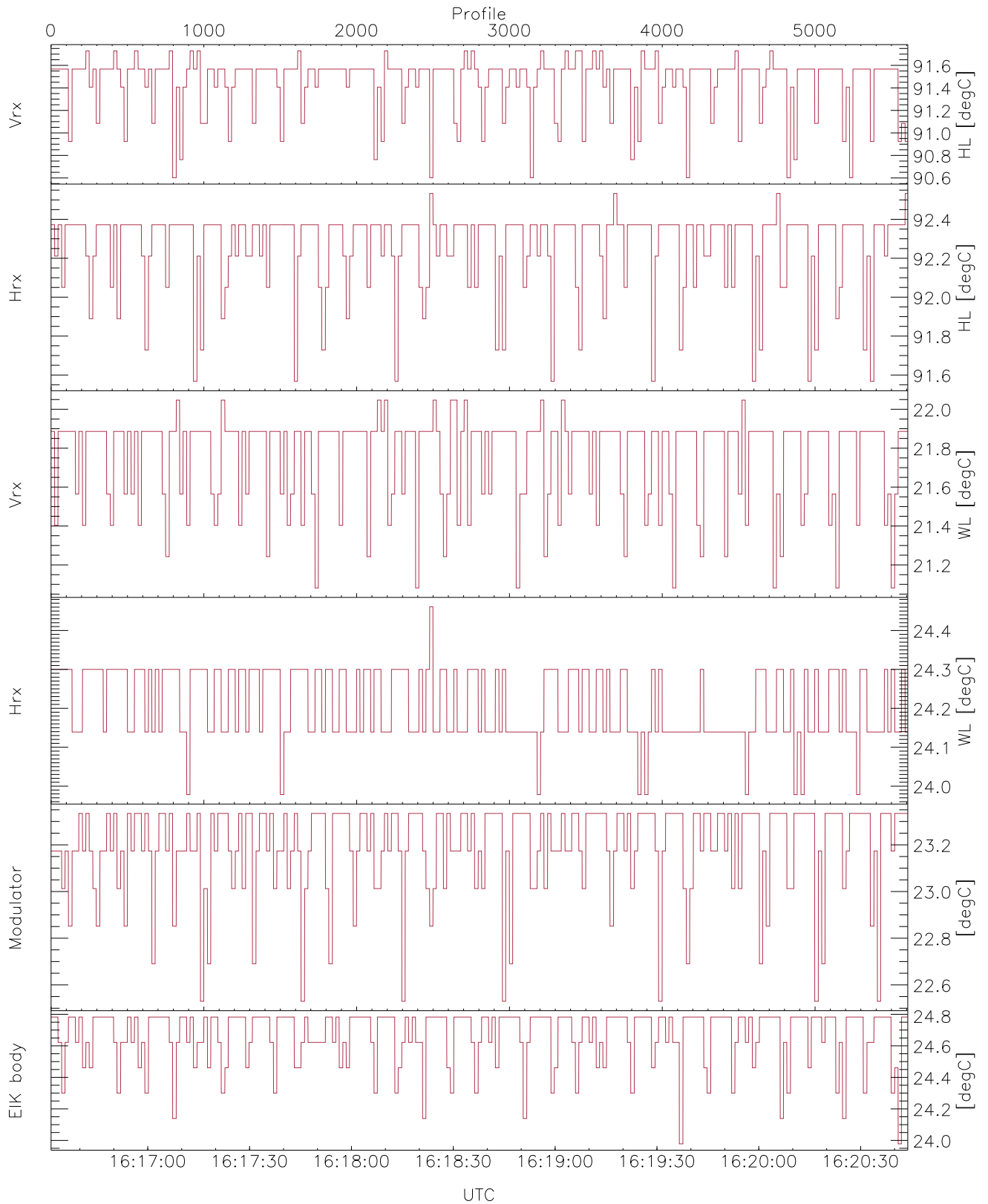


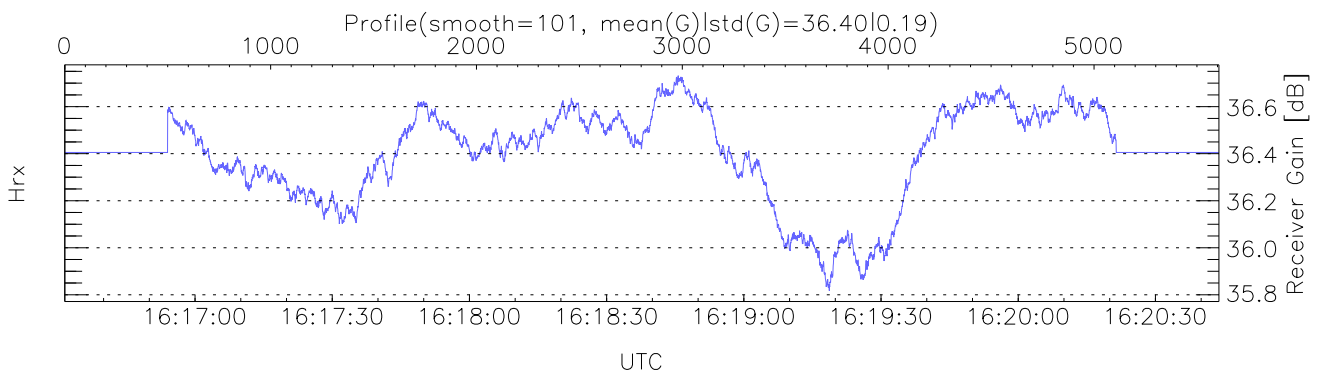
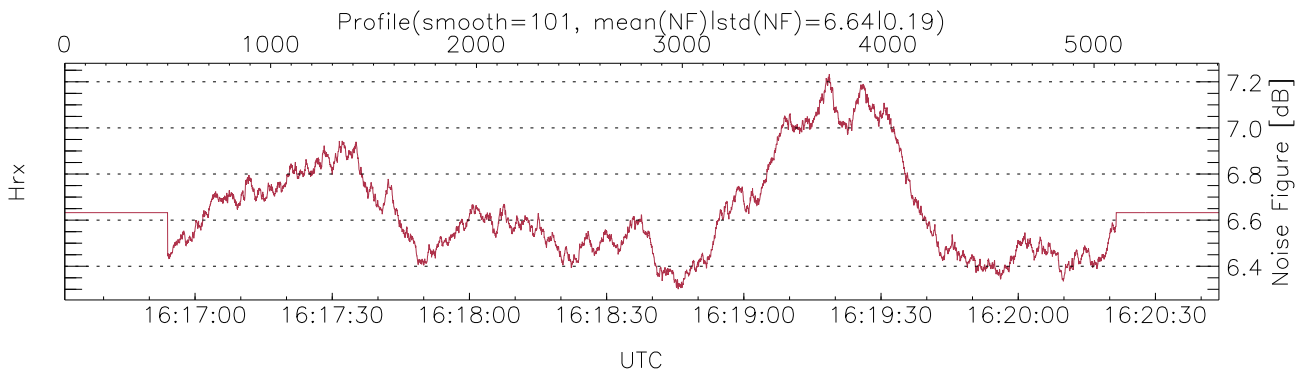
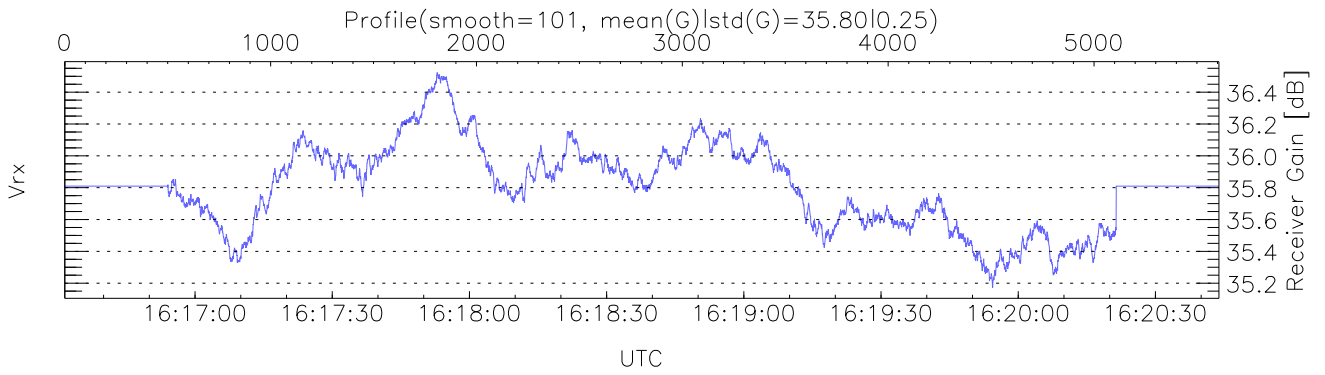
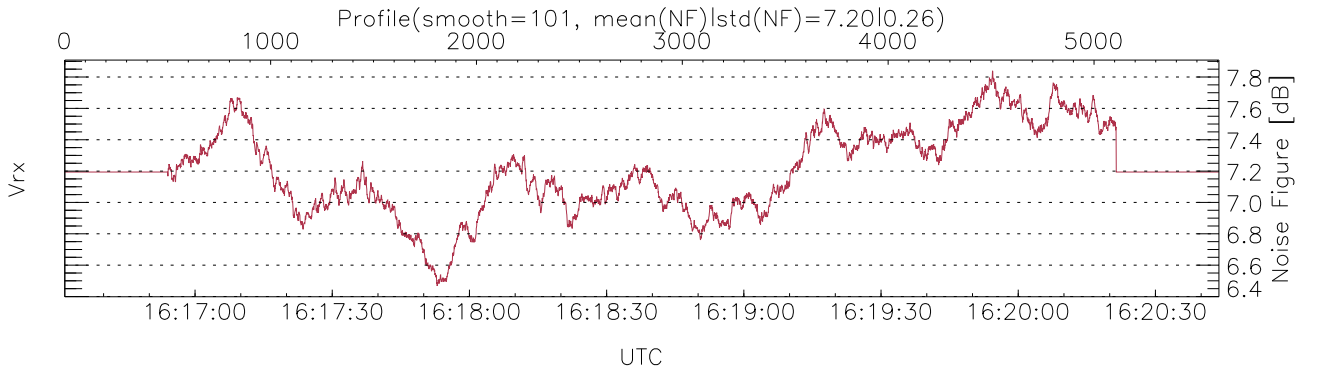
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 16:16:32-16:20:44, TimeCor: 0.00s, Dur: 252.38s
 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): 5608/5608, 0-5607/16:16:32-16:20:44
 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



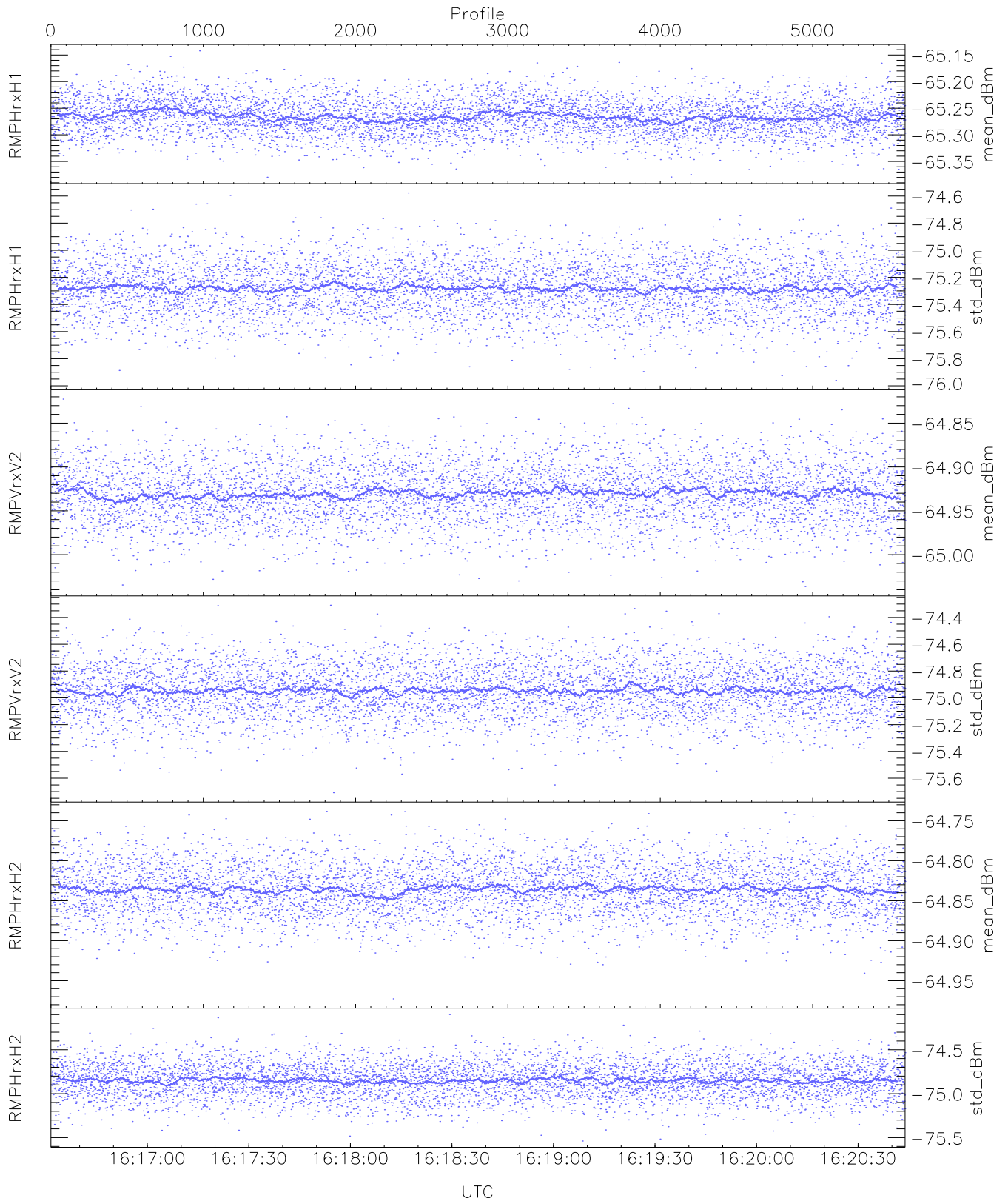
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,21,23,22,23
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,22,24,23,24
LOalarm(20,240,2817,14861 MHz): None
EIK/Modulator Faults: None



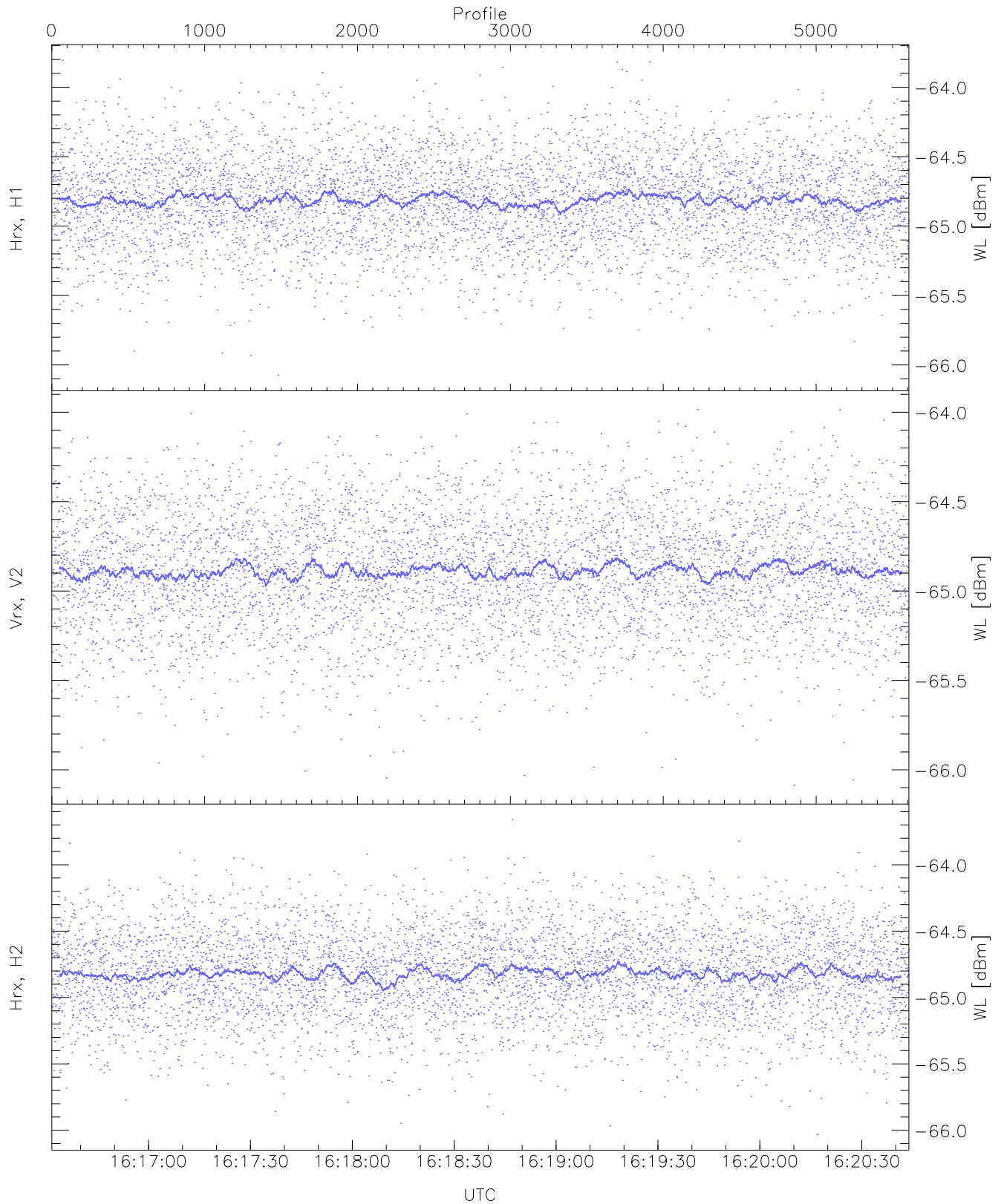
WCR3 CPP Receivers Gain and Noise Figure

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



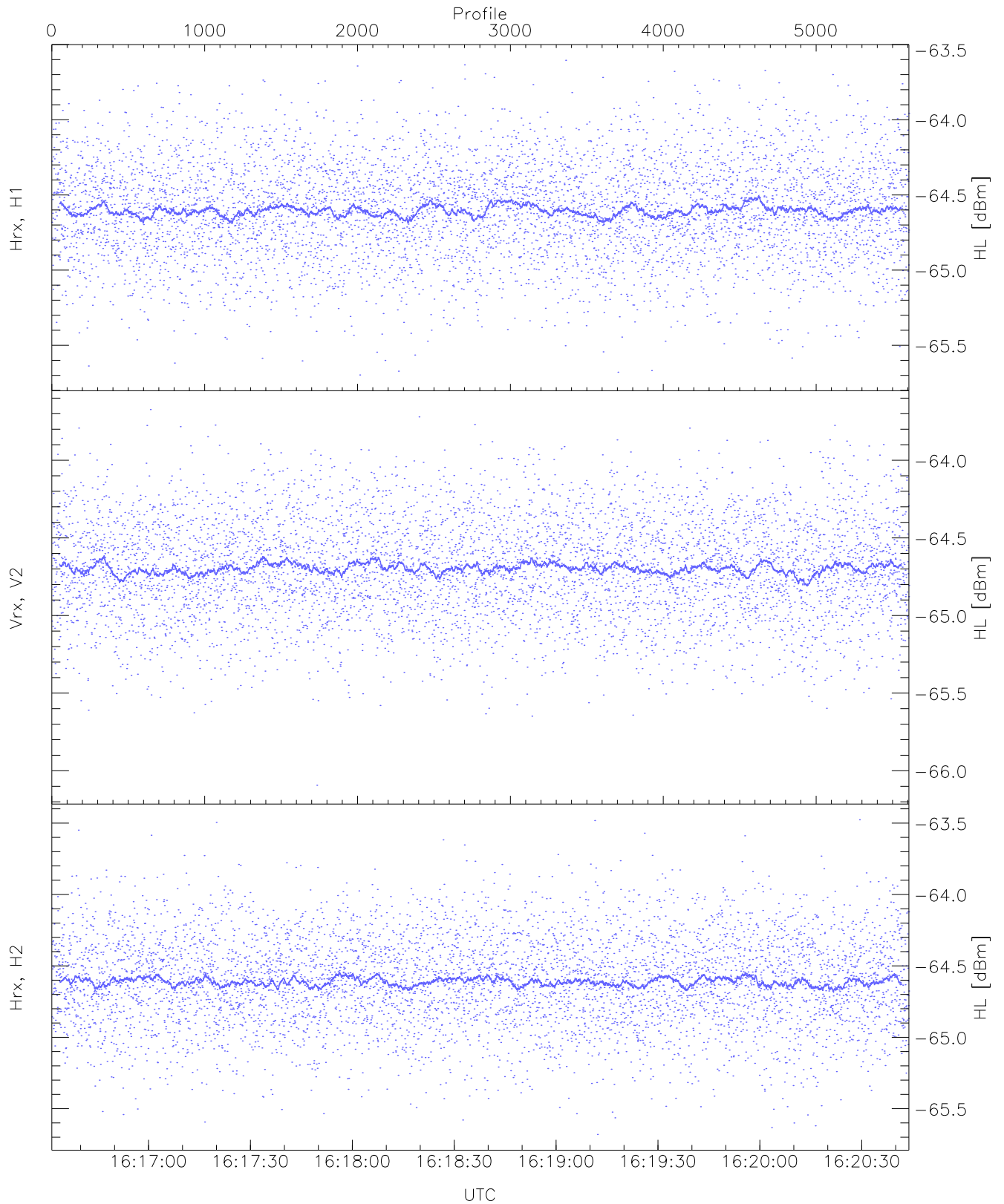
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.38	-65.14	-65.27	-65.27	-86.75
RMPHrxH1(std_dBm)	-75.96	-74.58	-75.28	-75.28	-89.05
RMPVrxV2(mean_dBm)	-65.04	-64.82	-64.93	-64.93	-86.48
RMPVrxV2(std_dBm)	-75.71	-74.31	-74.94	-74.95	-88.74
RMPHrxH2(mean_dBm)	-64.97	-64.74	-64.84	-64.84	-86.47
RMPHrxH2(std_dBm)	-75.54	-74.10	-74.85	-74.85	-88.64



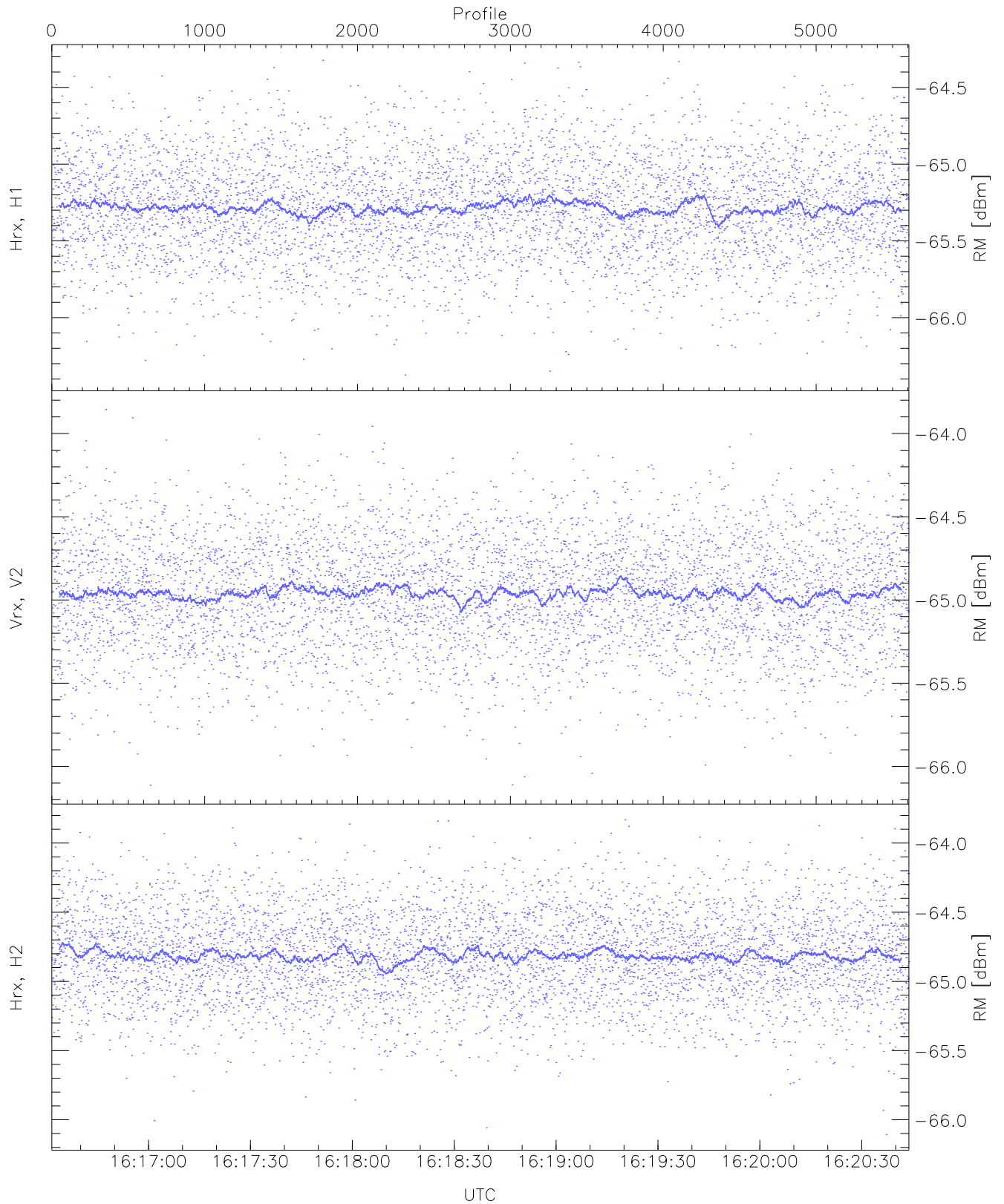
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.07	-63.81	-64.81	-64.81	-76.36
Vrx, V2 (WL [dBm])	-66.09	-63.98	-64.88	-64.89	-76.42
Hrx, H2 (WL [dBm])	-66.03	-63.66	-64.81	-64.82	-76.33



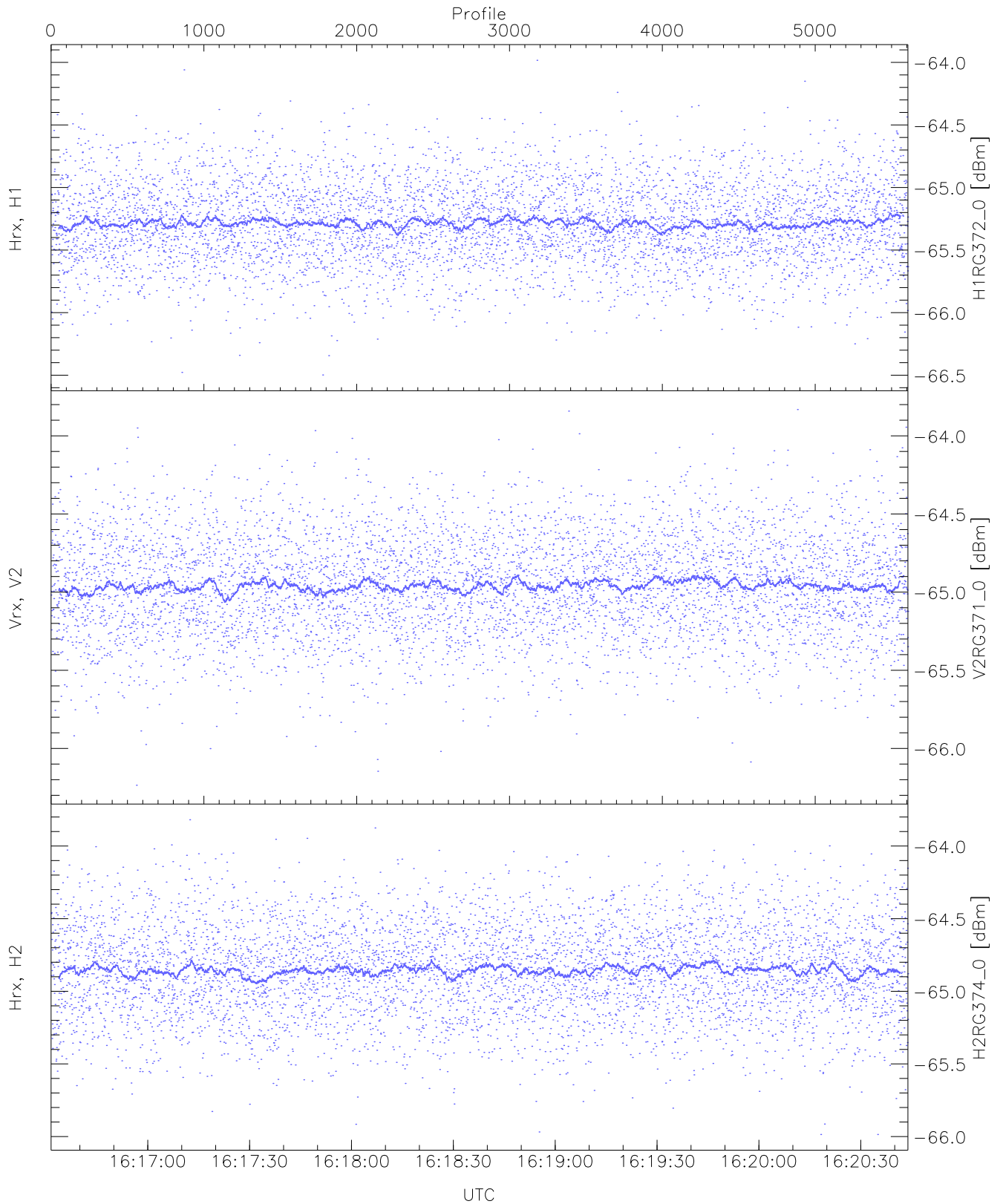
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.70	-63.60	-64.59	-64.60	-76.05
Vrx, V2 (HL [dBm])	-66.09	-63.67	-64.69	-64.70	-76.13
Hrx, H2 (HL [dBm])	-65.68	-63.48	-64.60	-64.61	-76.08



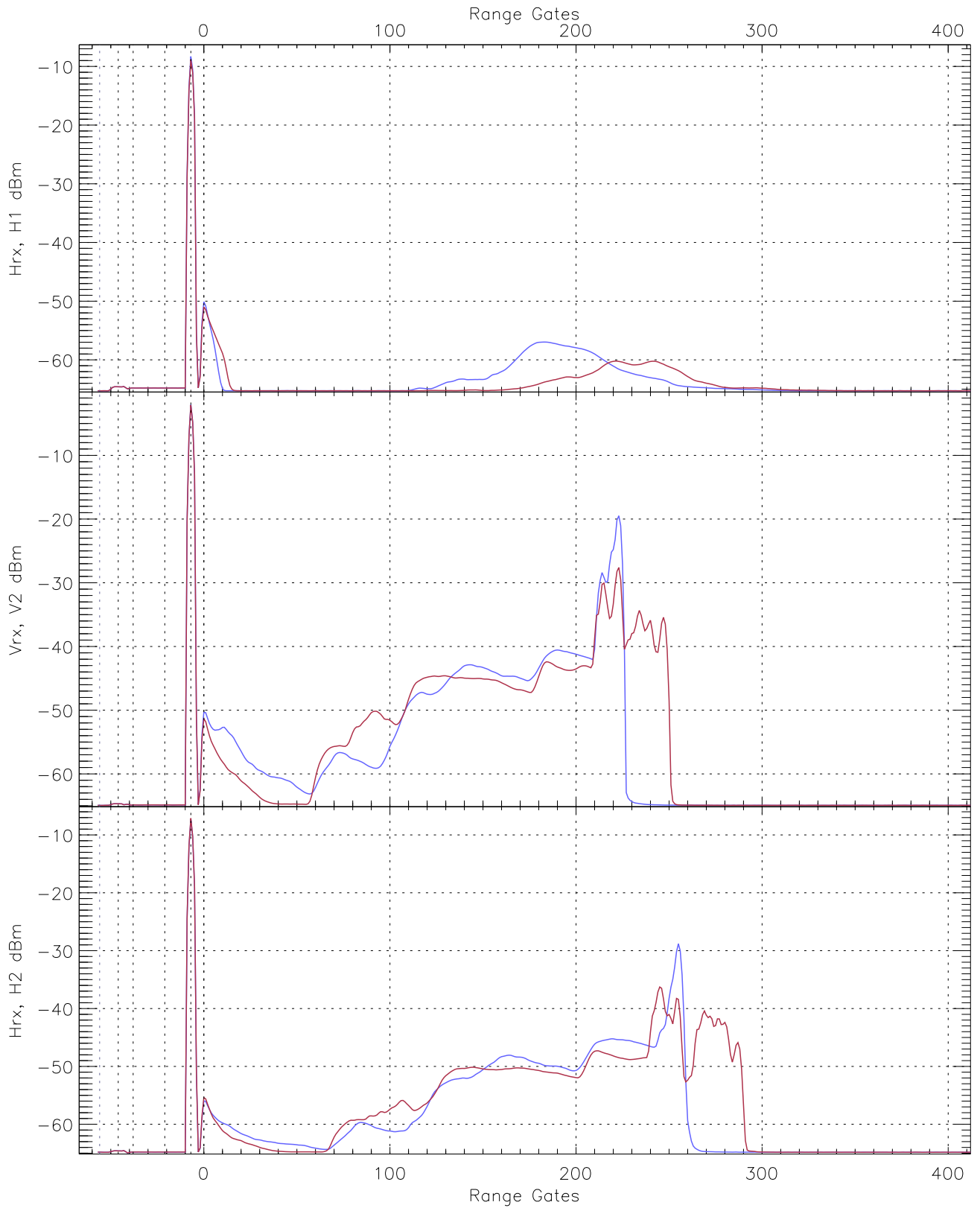
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.37	-64.32	-65.28	-65.29	-76.78
Vrx, V2 (RM [dBm])	-66.11	-63.86	-64.95	-64.96	-76.40
Hrx, H2 (RM [dBm])	-66.11	-63.83	-64.81	-64.82	-76.29

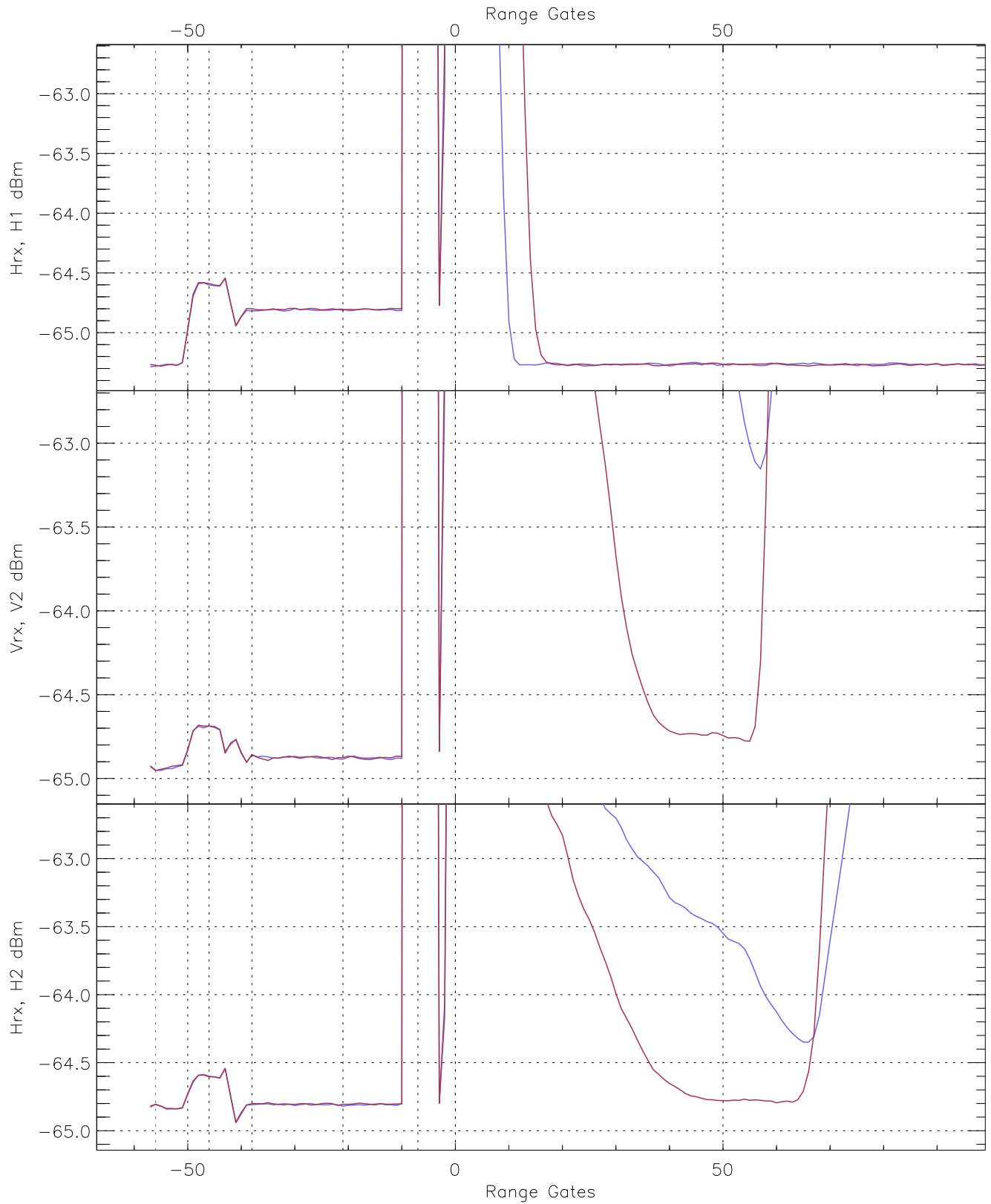


WCR3 CPP "Best" estimate Receivers Noise Power

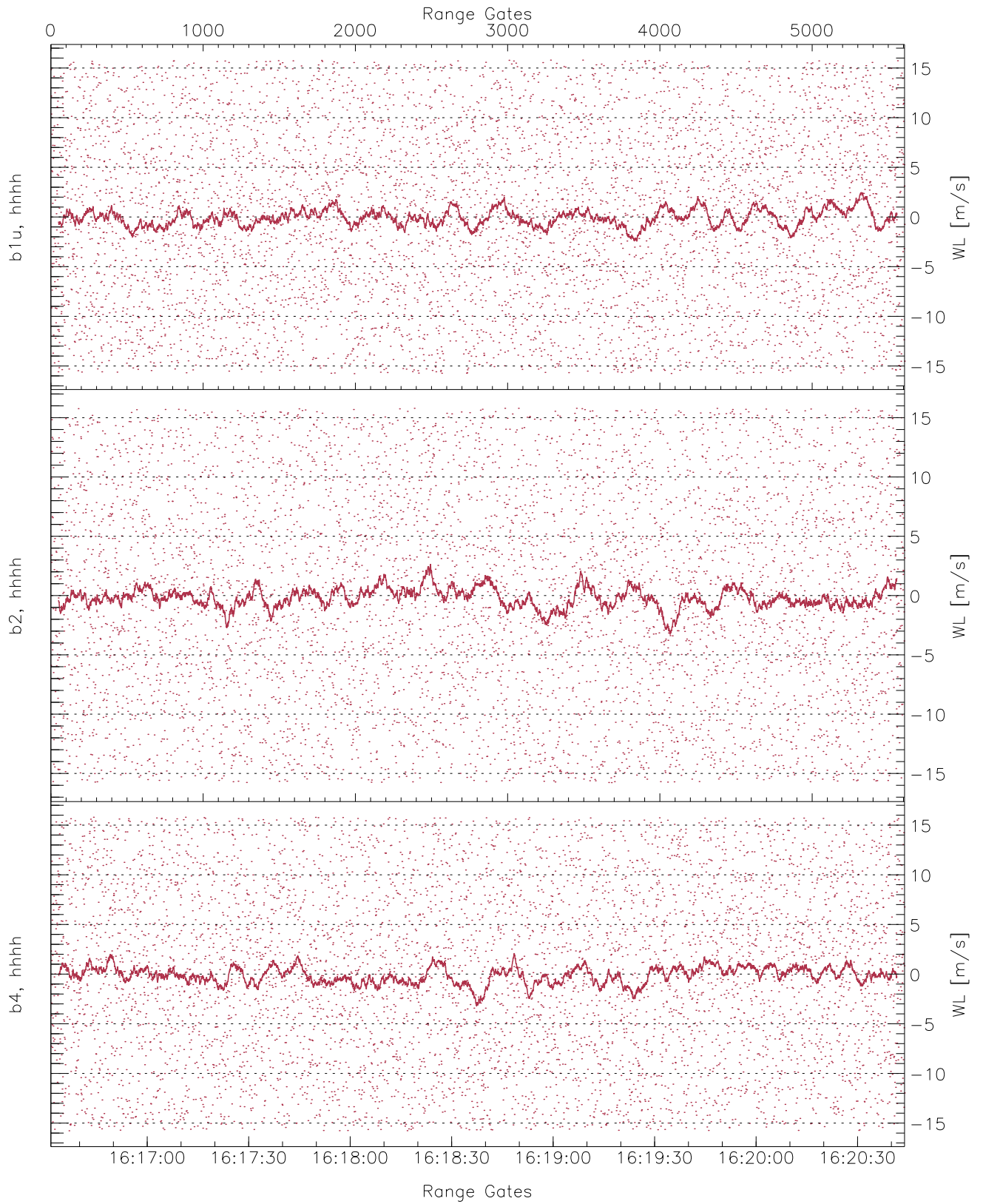
	Min	Max	Mean	Median	StDev
H1RG372_0 [dBm]	-66.50	-63.98	-65.28	-65.29	-76.70
V2RG371_0 [dBm]	-66.24	-63.83	-64.95	-64.96	-76.44
H2RG374_0 [dBm]	-65.99	-63.82	-64.85	-64.86	-76.40



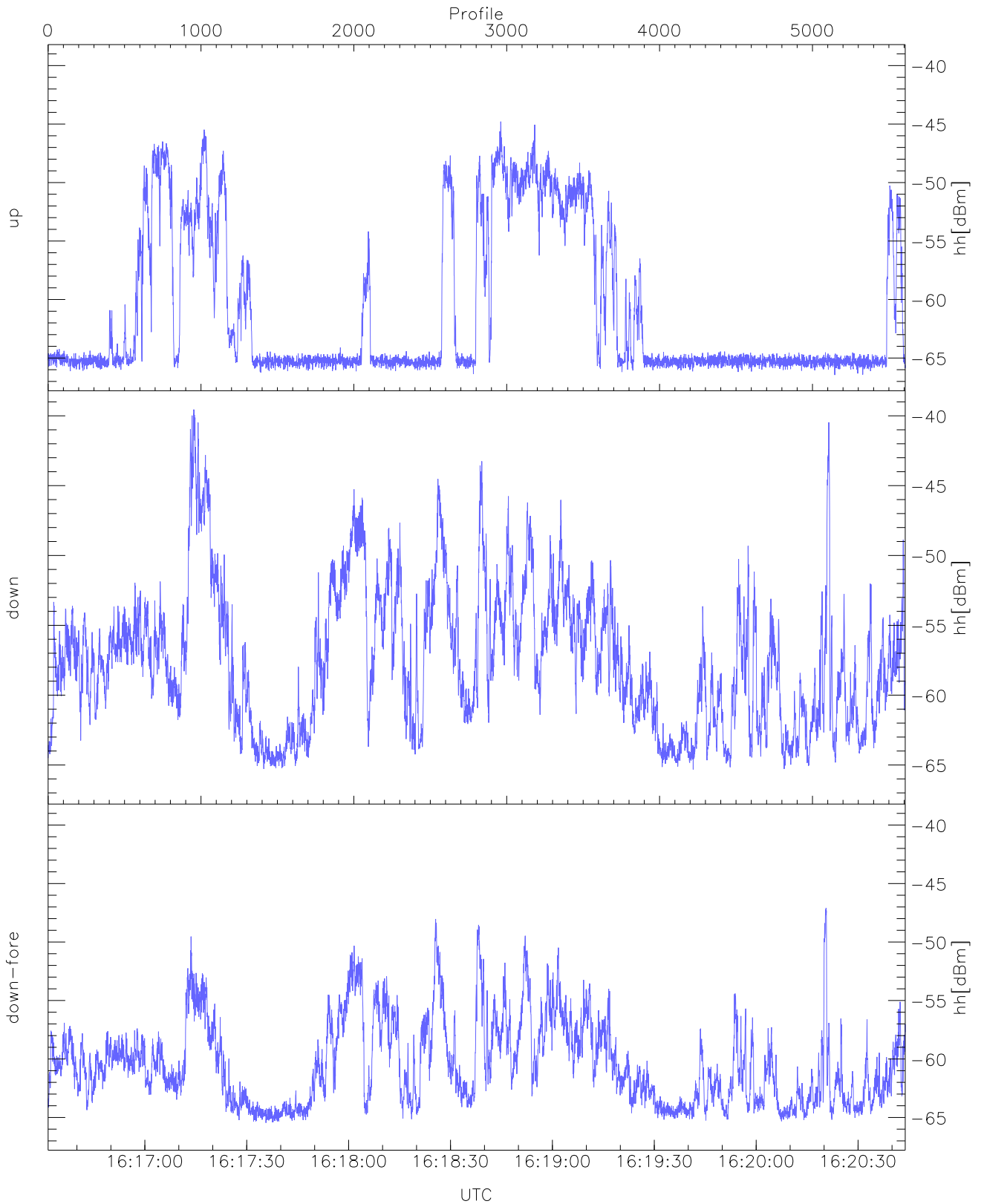
WCR3 CPP Averaged Received power for all recorded gates
blue: 161632-161838, 2805 profiles averaged
red: 161838-162044, 2804 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 161632-161838, 2805 profiles averaged
red: 161838-162044, 2804 profiles averaged

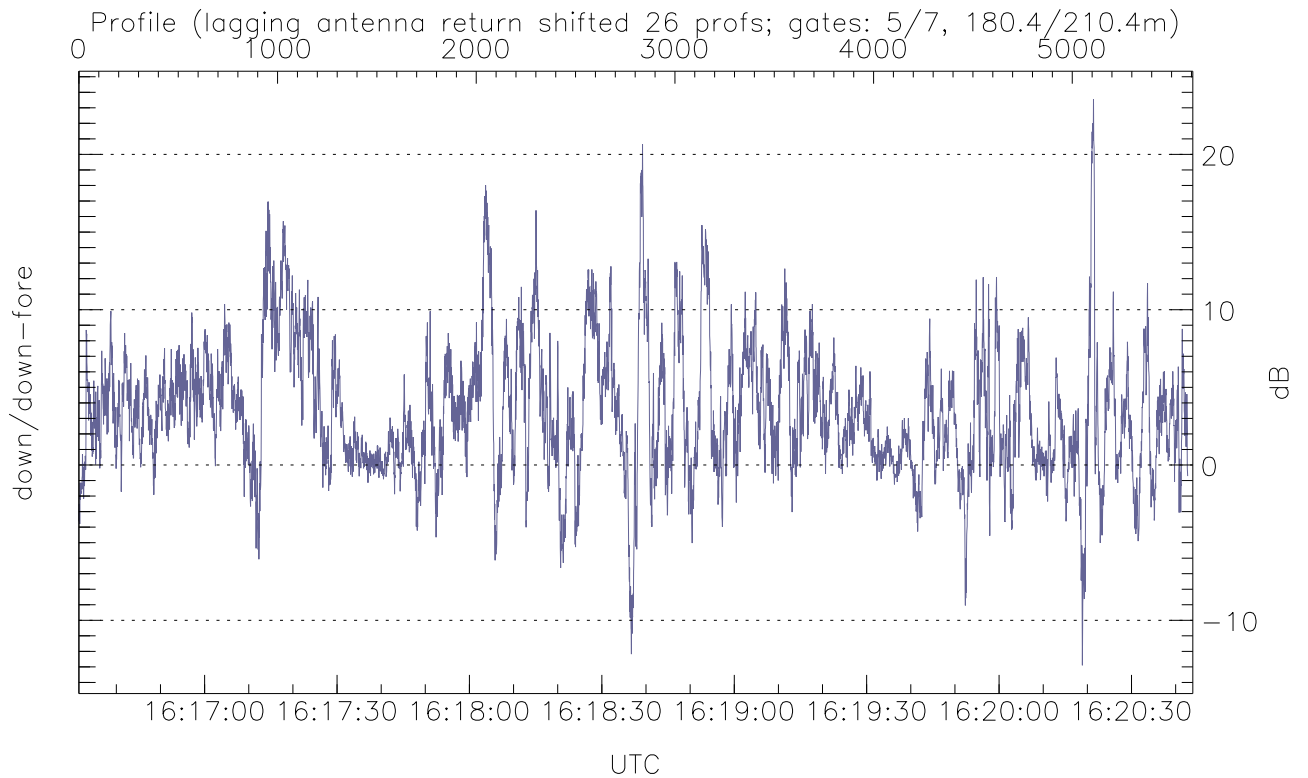
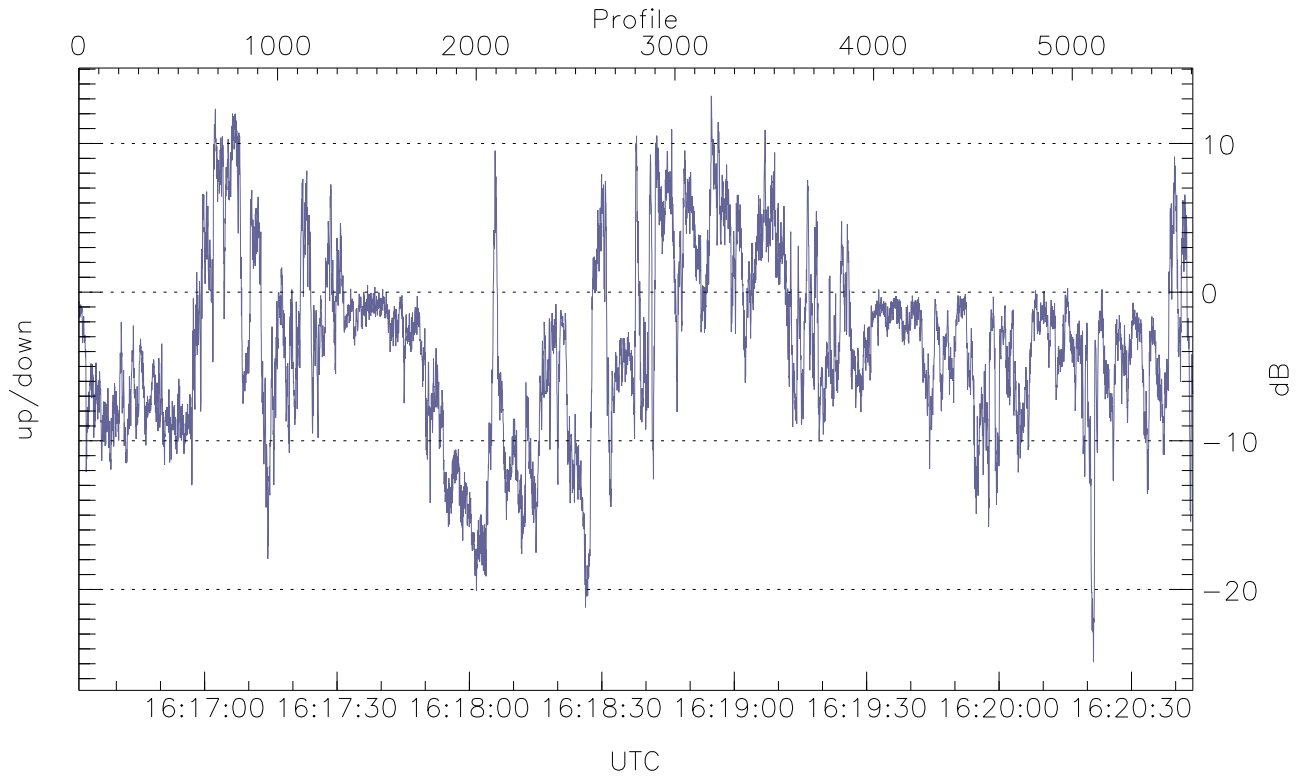


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



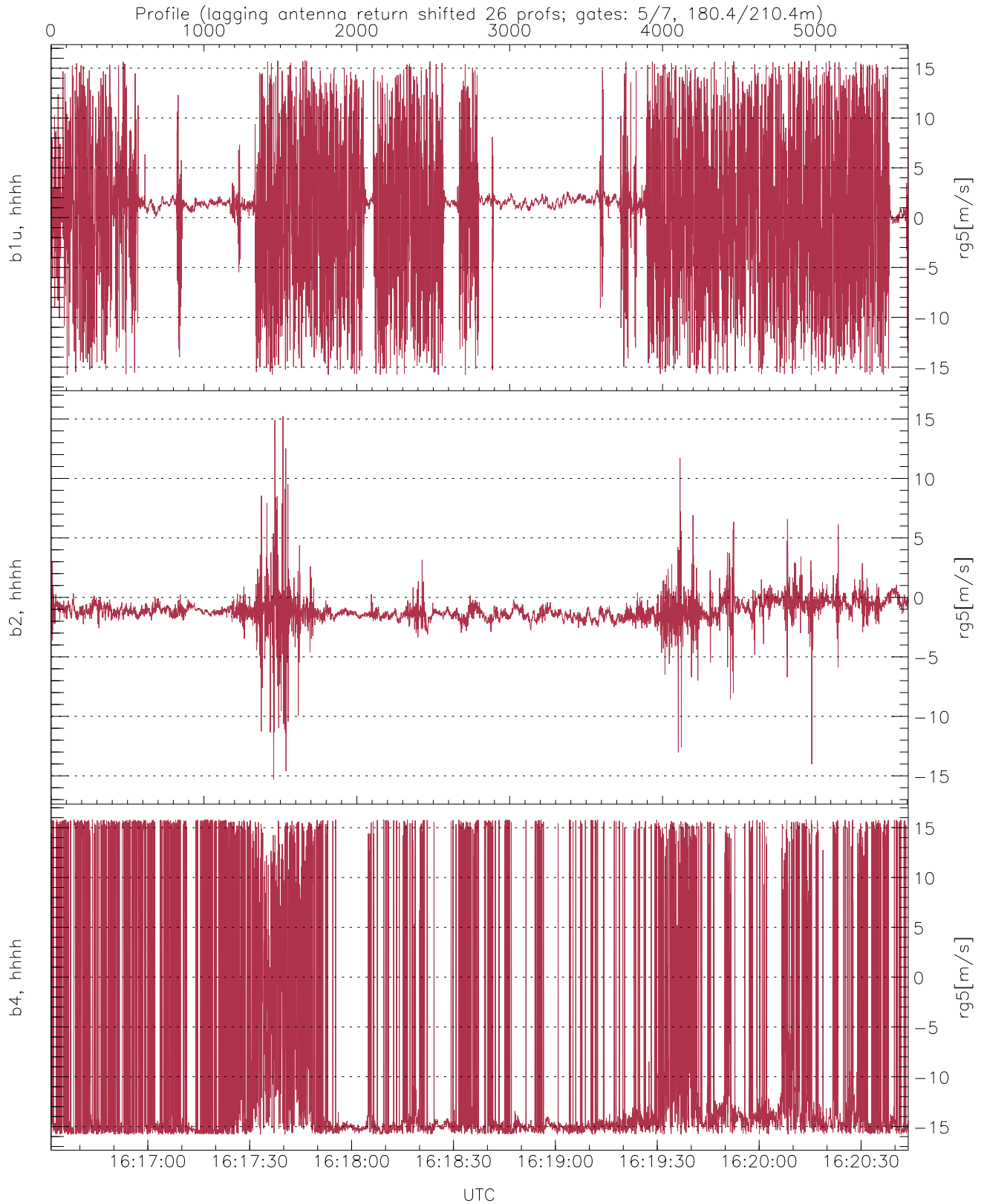
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.45	-44.79	-55.68
down(hh[dBm])	-65.31	-39.55	-54.07
down-fore(hh[dBm])	-65.46	-47.08	-58.66



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

	Min	Max	Mean
up/down (dB)	-24.89	13.17	-3.63
down/down-fore (dB)	-12.90	23.53	3.45



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.77	15.78	0.59	6.89
b2, hhhh(rg5[m/s])	-15.31	15.23	-1.13	1.31
b4, hhhh(rg5[m/s])	-15.79	15.79	-7.94	12.09