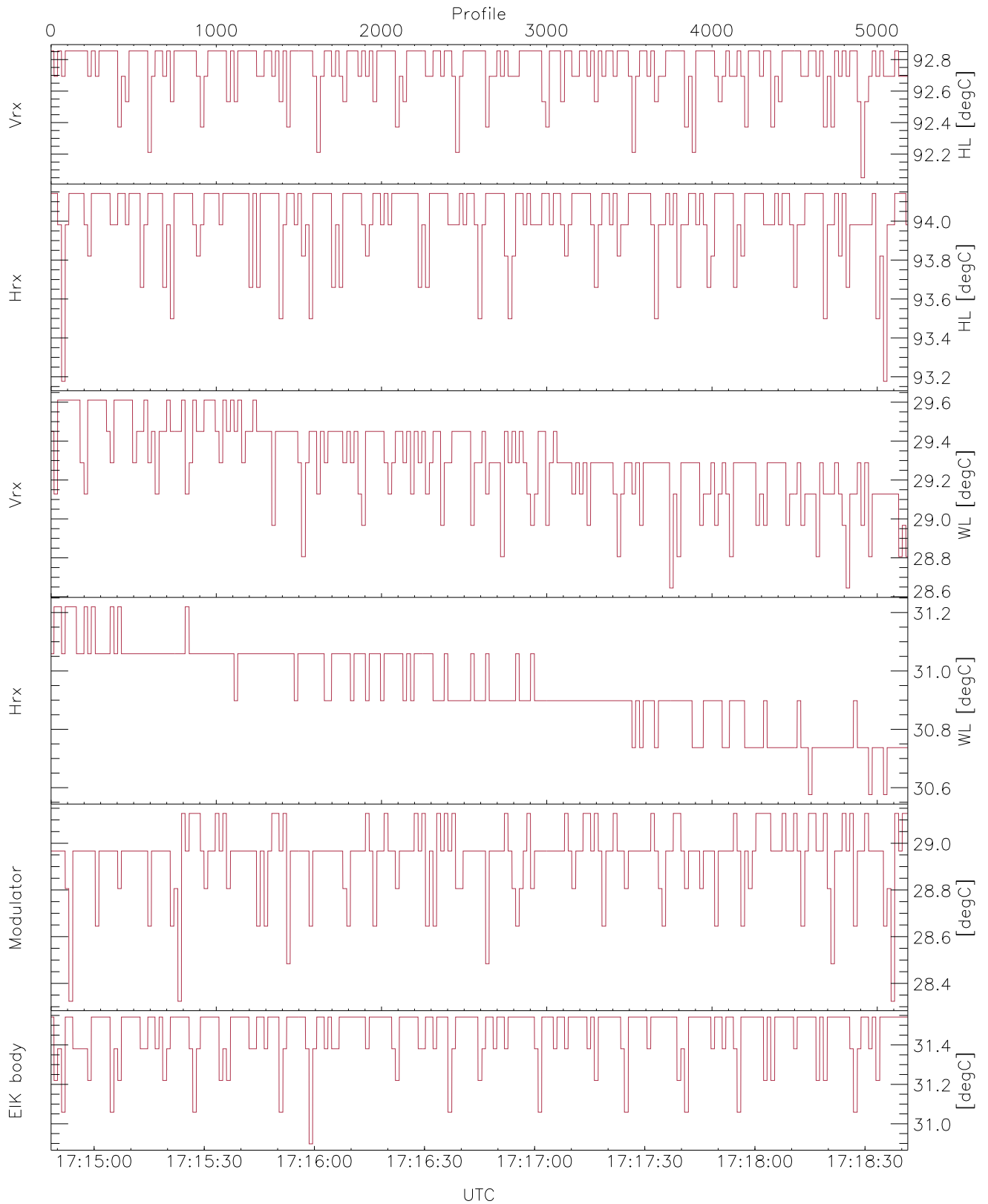


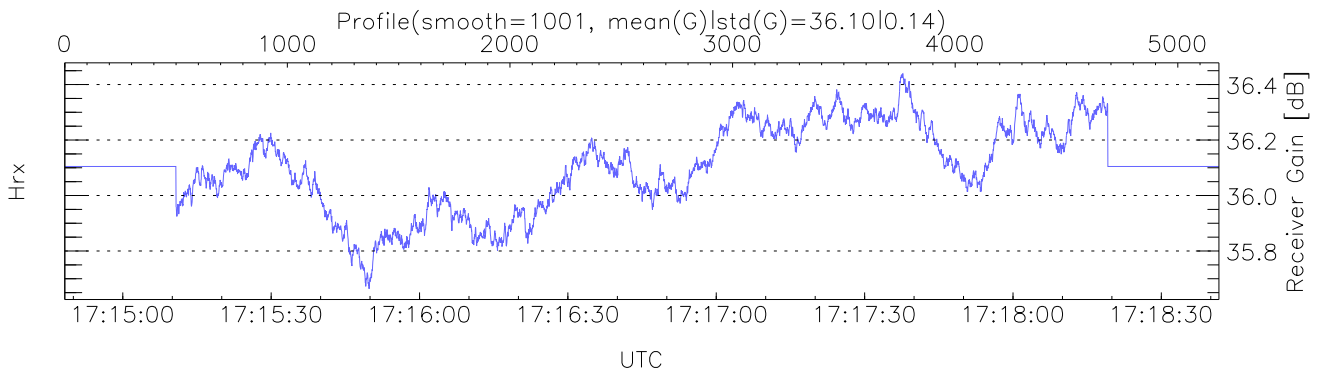
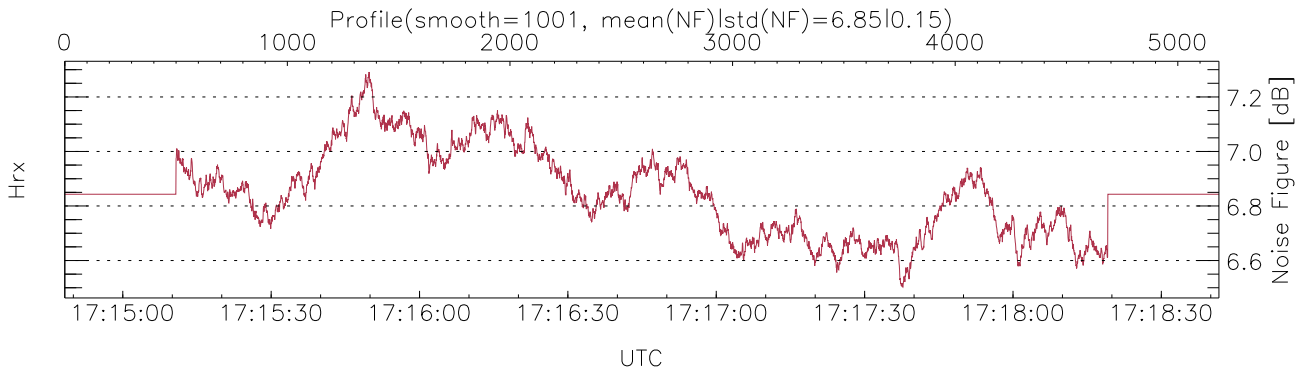
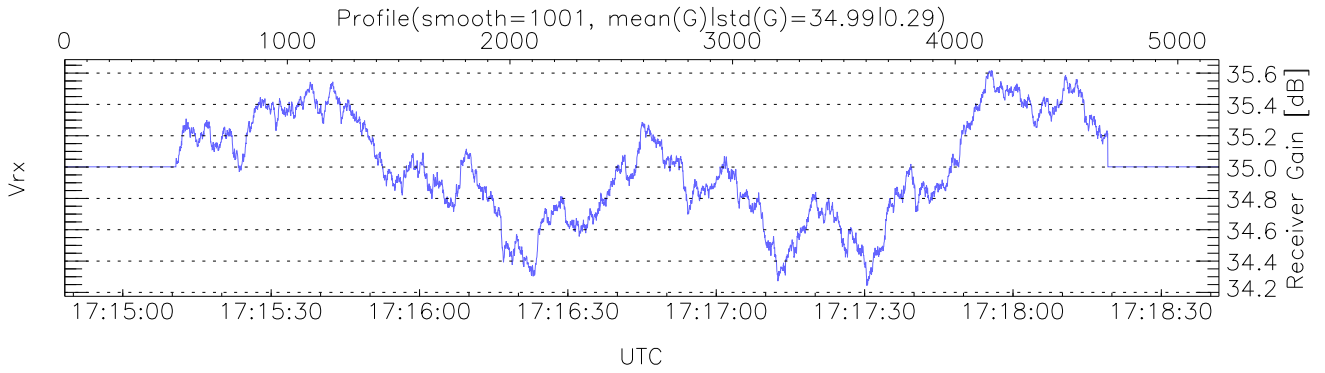
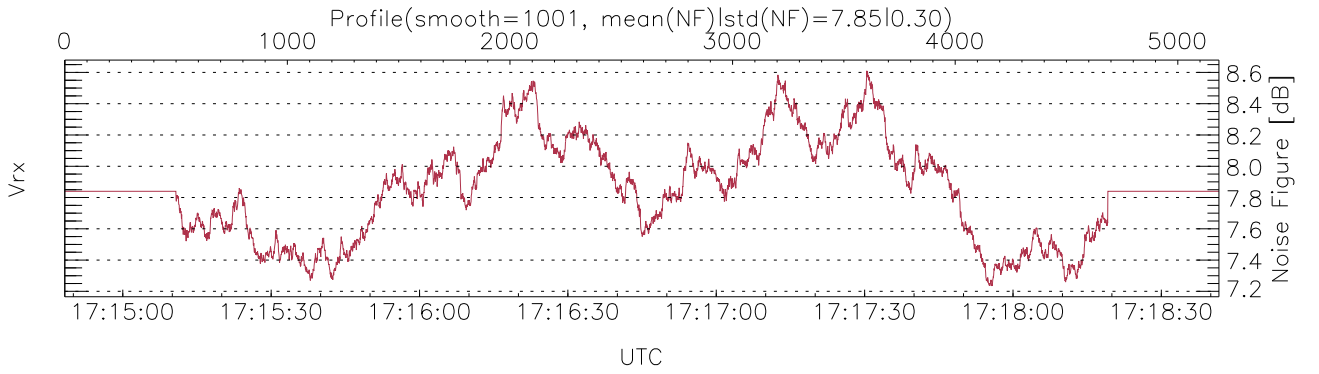
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 17:14:48-17:18:42, TimeCor: 0.00s, Dur: 233.38s
 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): 5186/5186, 0-5185/17:14:48-17:18:42
 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,rgs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7
 Mirror(-910112,3,9x = no mirror/sideluperror): 3



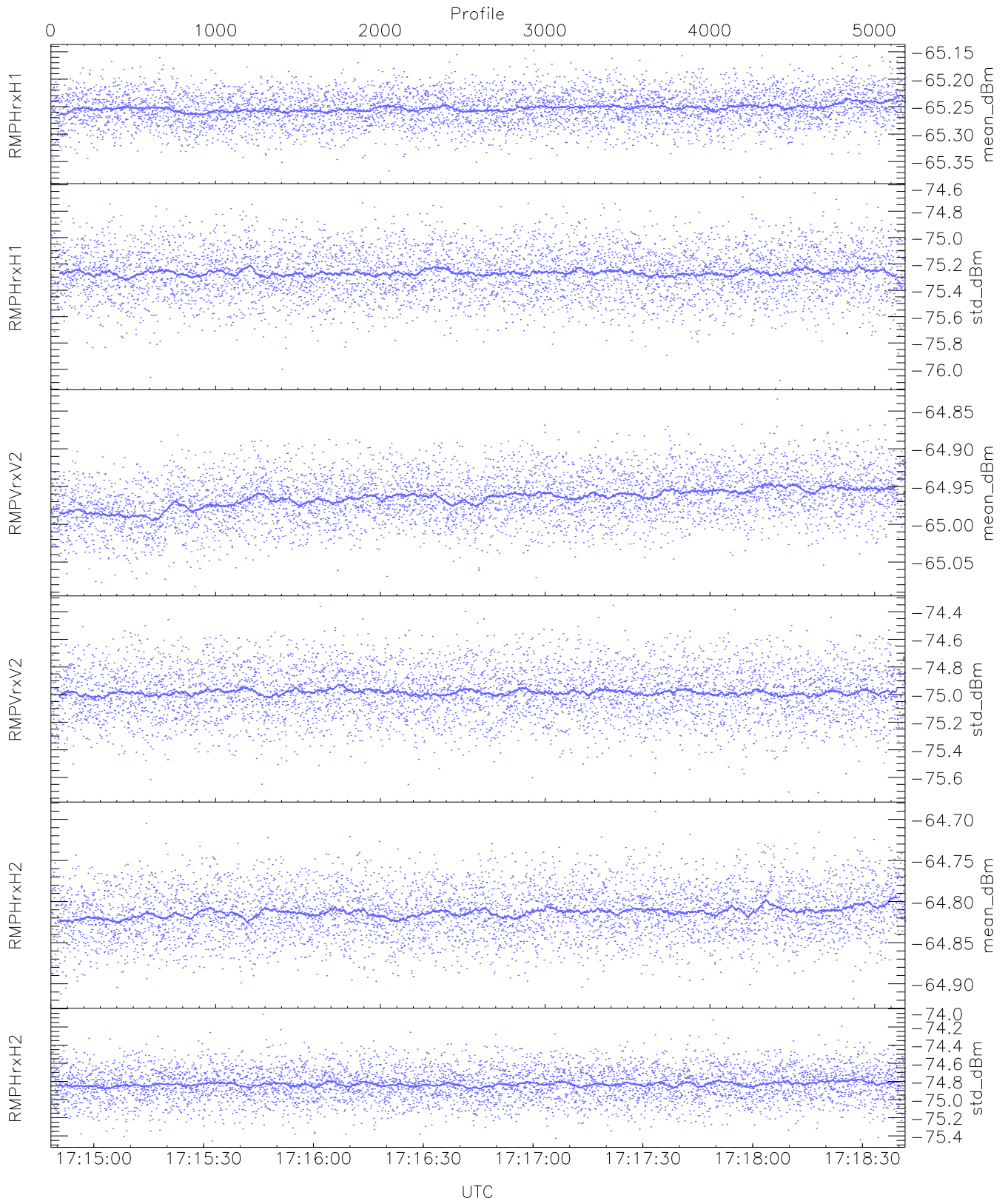
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,28,30,28,30
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,29,31,29,31
 LOalarm(20,240,2817,14861 MHz): None
 EIK/Modulator Faults: None



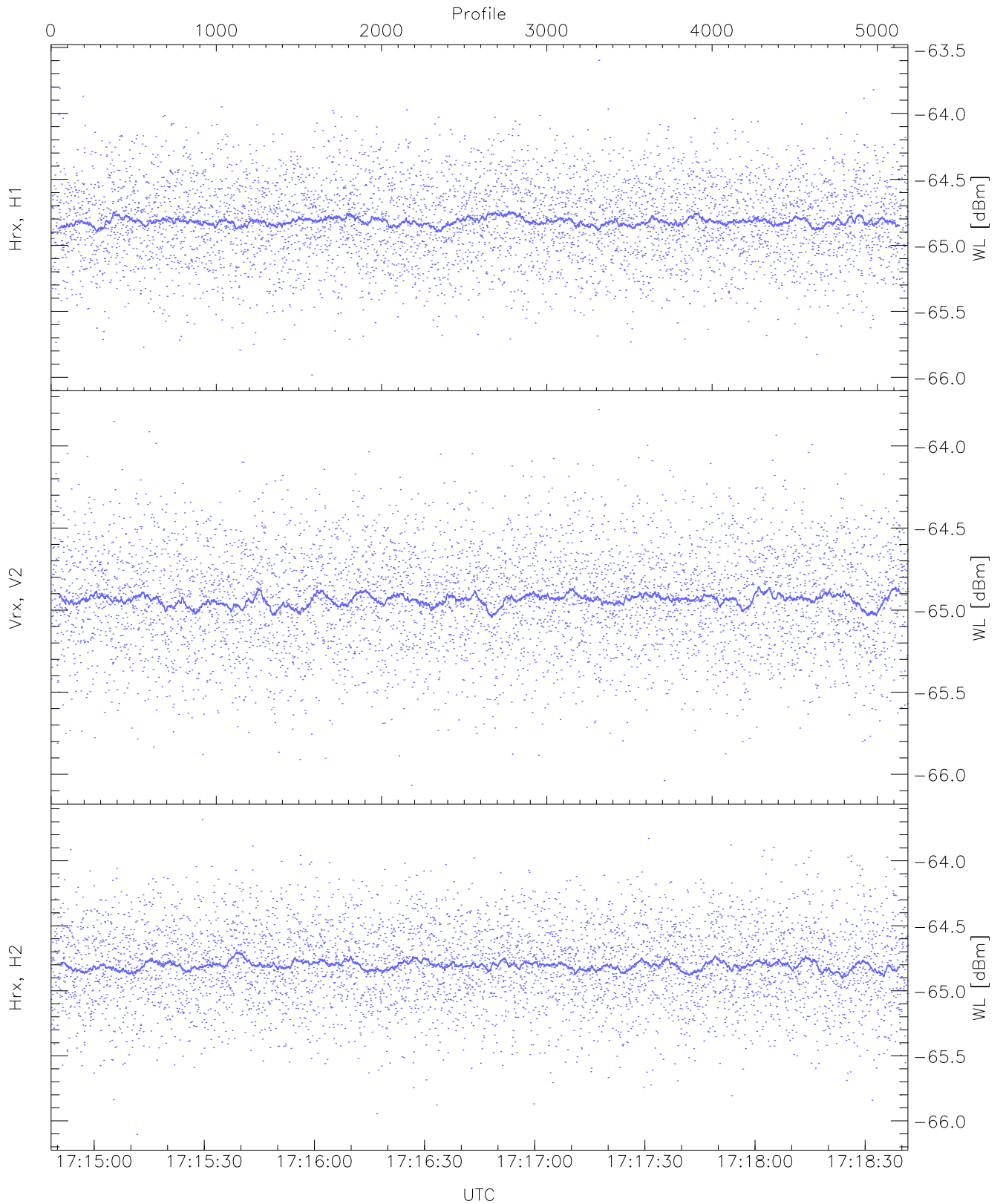
WCR3 CPP Receivers Gain and Noise Figure

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



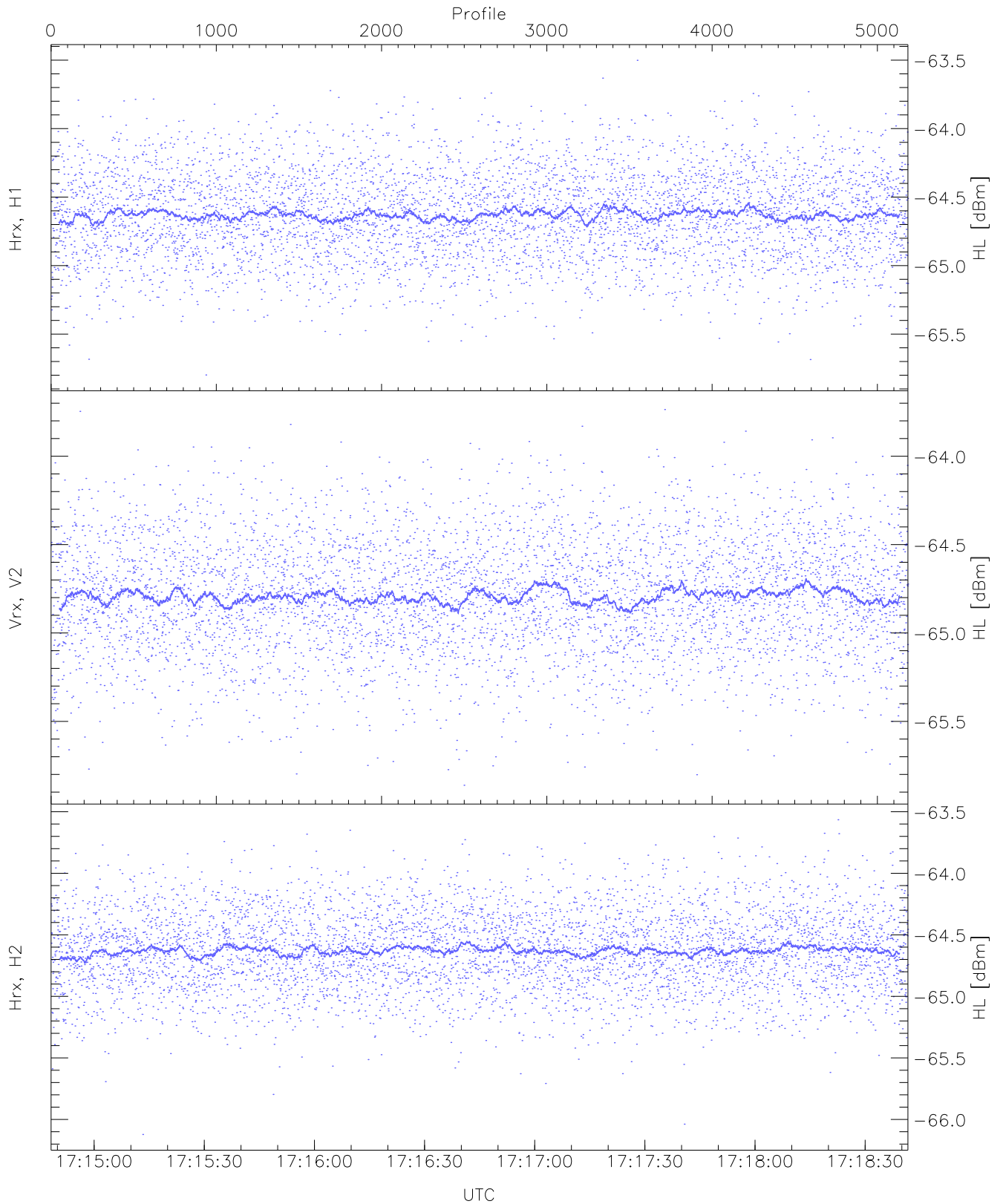
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.38	-65.15	-65.25	-65.25	-86.81
RMPHrxH1(std_dBm)	-76.08	-74.66	-75.26	-75.27	-89.00
RMPVrxV2(mean_dBm)	-65.08	-64.83	-64.97	-64.97	-86.27
RMPVrxV2(std_dBm)	-75.71	-74.35	-74.98	-74.98	-88.71
RMPHrxH2(mean_dBm)	-64.92	-64.69	-64.81	-64.81	-86.36
RMPHrxH2(std_dBm)	-75.46	-74.06	-74.83	-74.83	-88.62



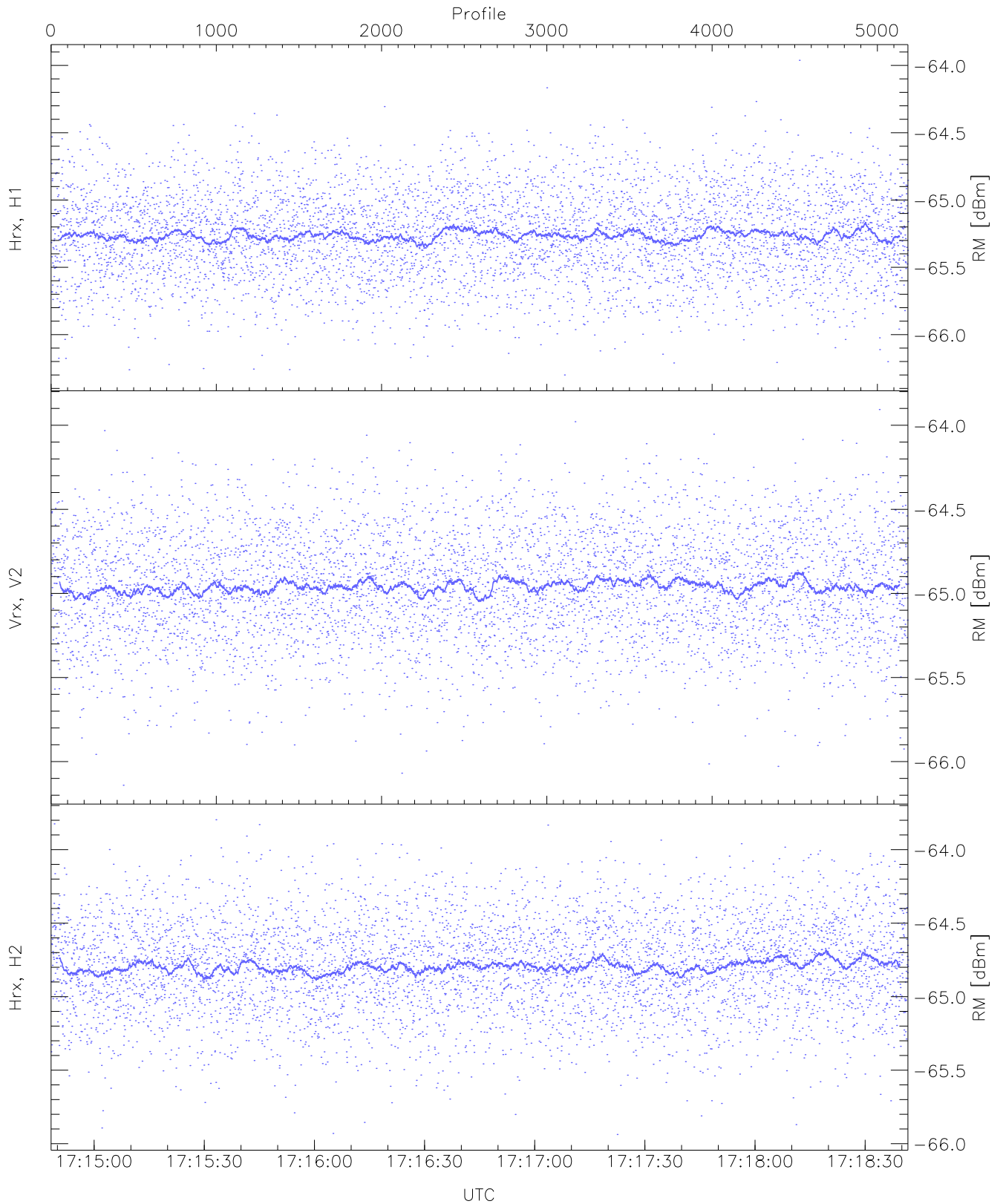
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-65.98	-63.60	-64.81	-64.82	-76.35
Vrx, V2(WL [dBm])	-66.07	-63.78	-64.93	-64.93	-76.47
Hrx, H2(WL [dBm])	-66.10	-63.68	-64.80	-64.81	-76.35



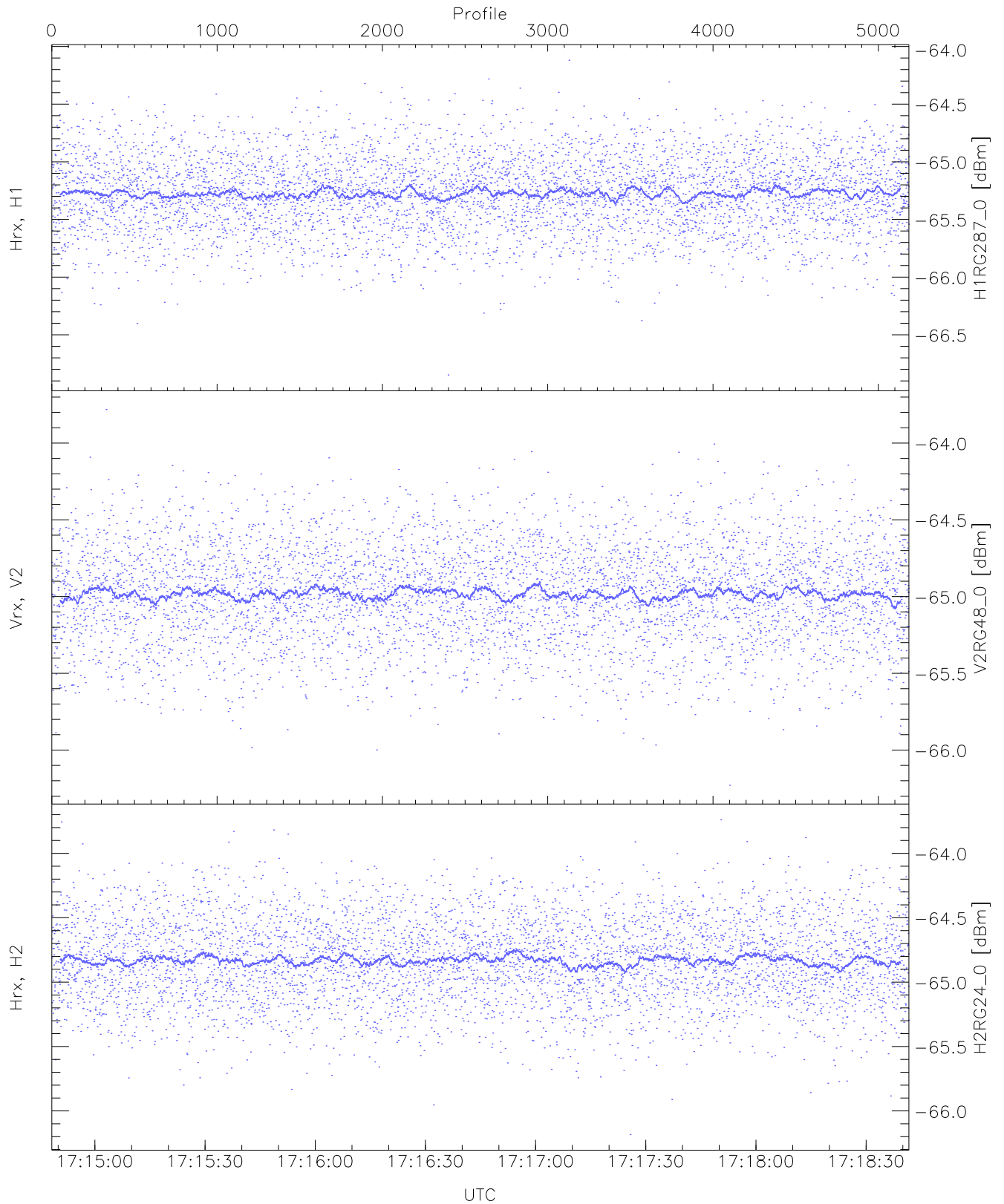
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.80	-63.50	-64.62	-64.63	-76.12
Vrx, V2 (HL [dBm])	-65.86	-63.74	-64.78	-64.80	-76.26
Hrx, H2 (HL [dBm])	-66.12	-63.57	-64.62	-64.63	-76.15



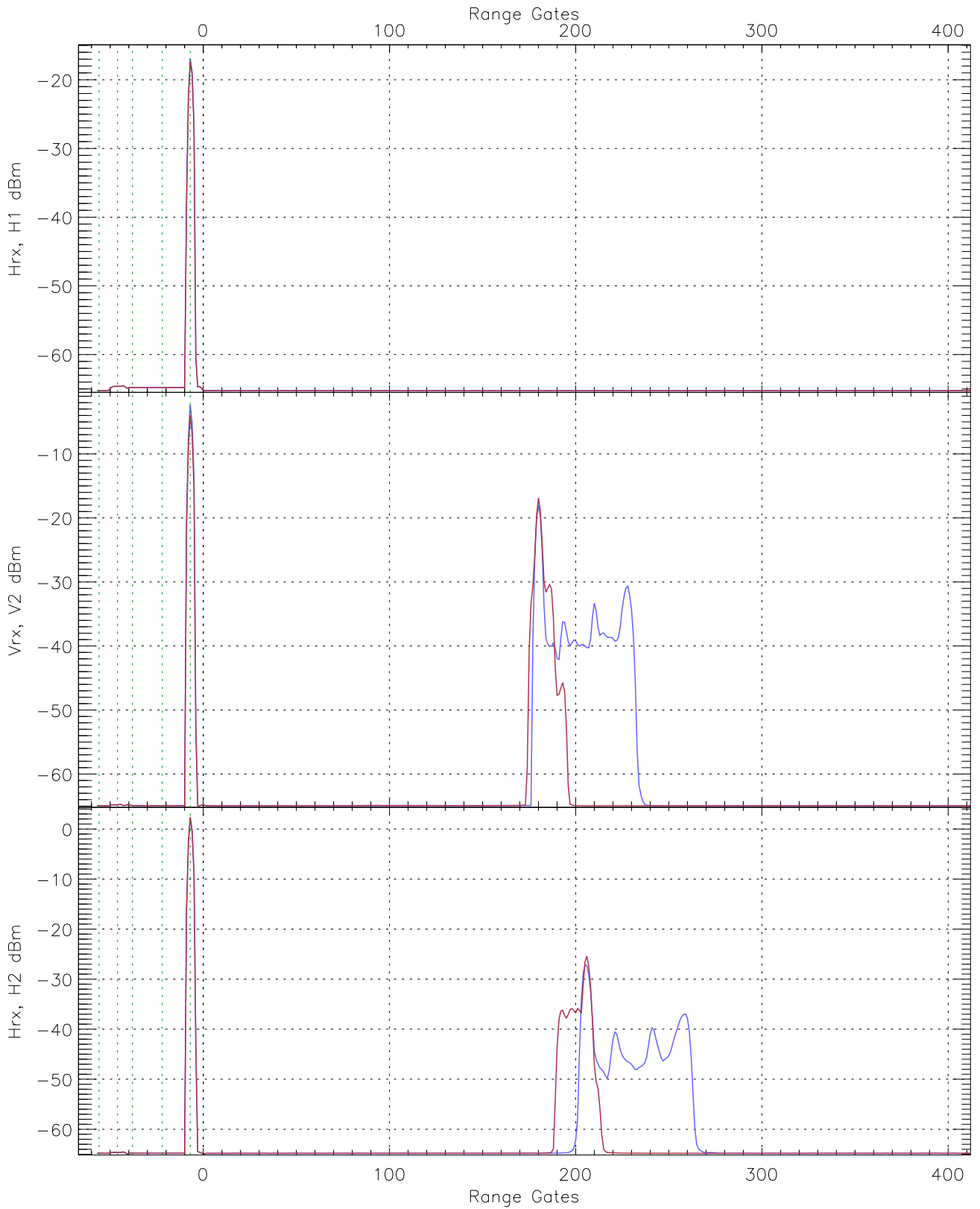
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.30	-63.96	-65.26	-65.26	-76.72
Vrx, V2 (RM [dBm])	-66.14	-63.91	-64.95	-64.96	-76.48
Hrx, H2 (RM [dBm])	-65.94	-63.80	-64.79	-64.79	-76.33

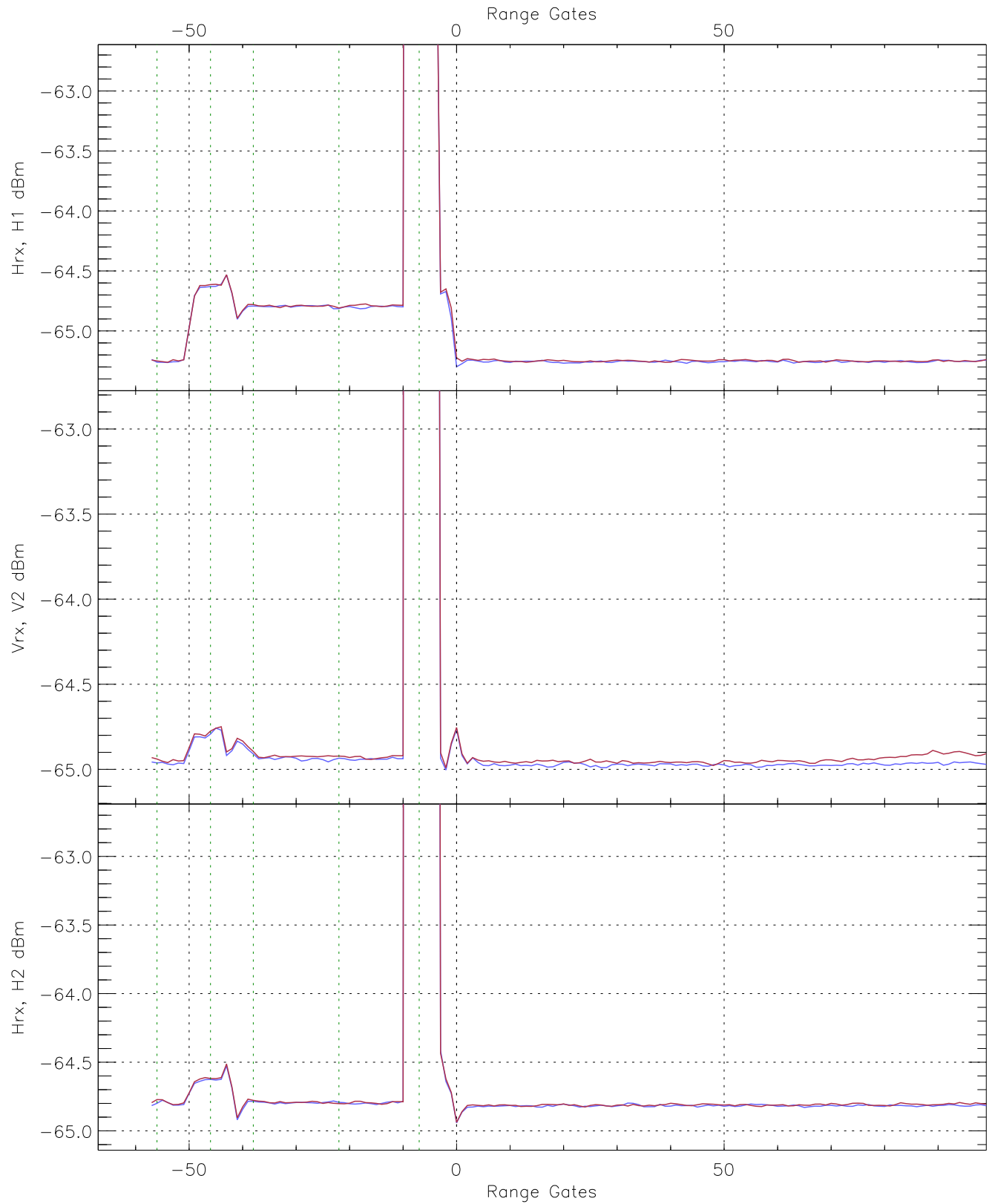


WCR3 CPP "Best" estimate Receivers Noise Power

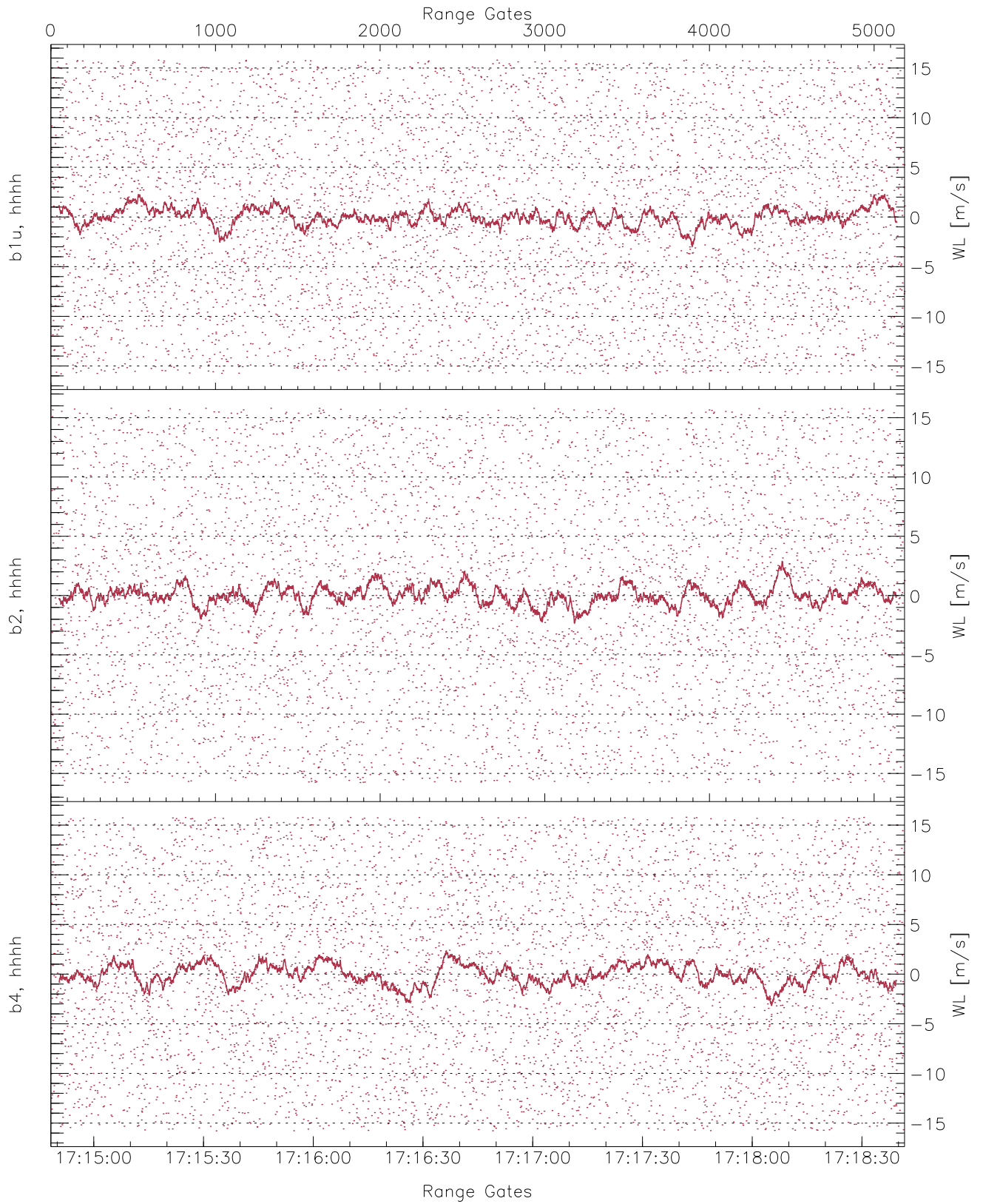
	Min	Max	Mean	Median	StDev
H1RG287_0 [dBm]	-66.85	-64.12	-65.27	-65.27	-76.71
V2RG48_0 [dBm]	-66.23	-63.78	-64.98	-64.98	-76.52
H2RG24_0 [dBm]	-66.18	-63.74	-64.82	-64.83	-76.32



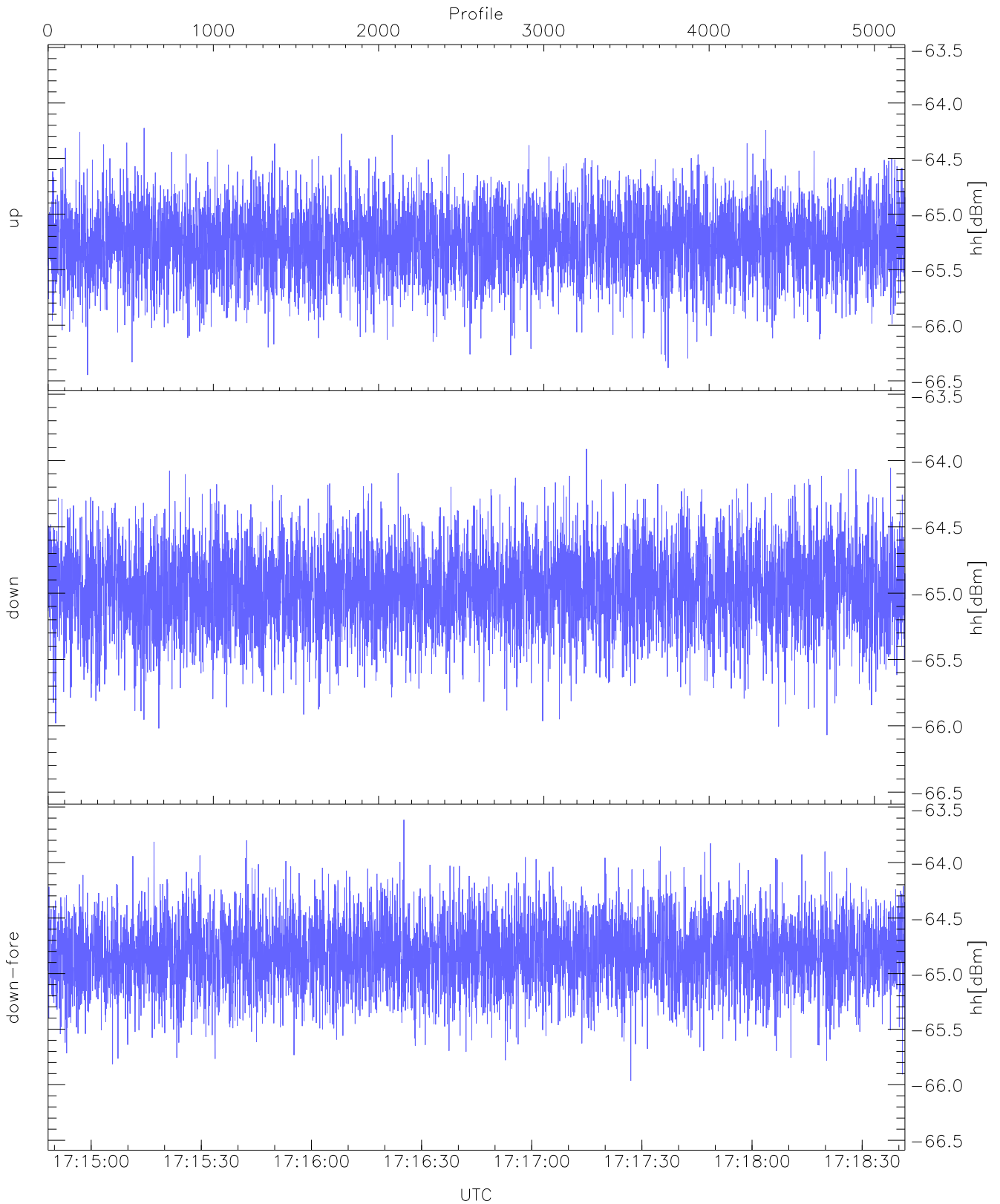
WCR3 CPP Averaged Received power for all recorded gates
blue: 171448-171645, 2594 profiles averaged
red: 171645-171842, 2593 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 171448-171645, 2594 profiles averaged
red: 171645-171842, 2593 profiles averaged

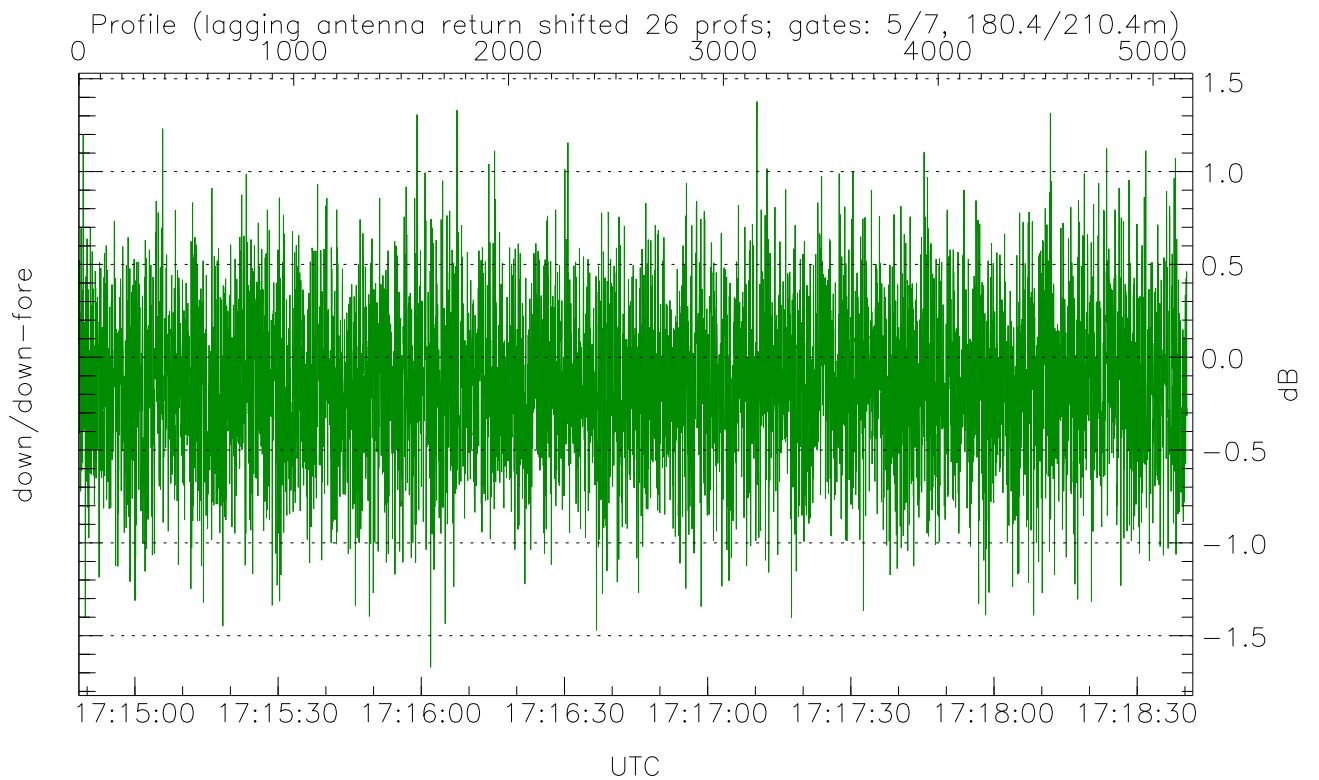
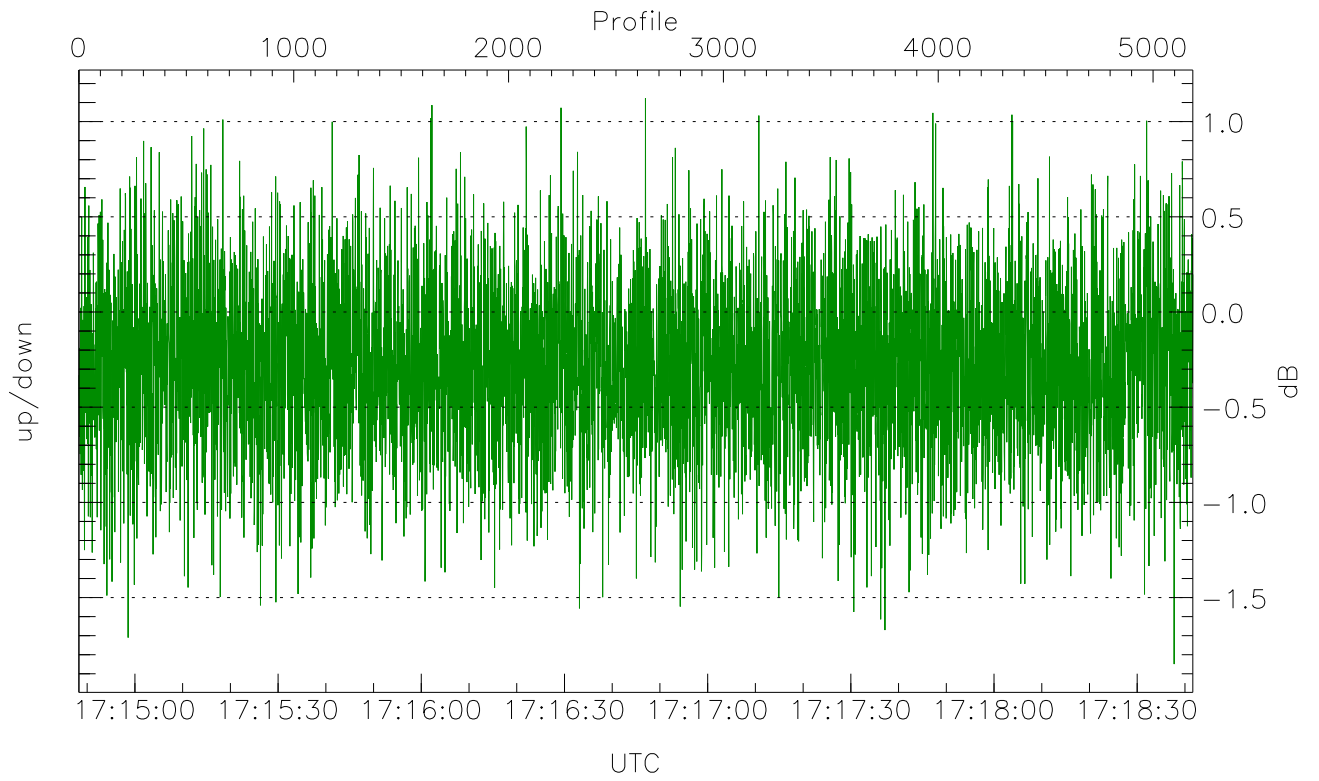


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



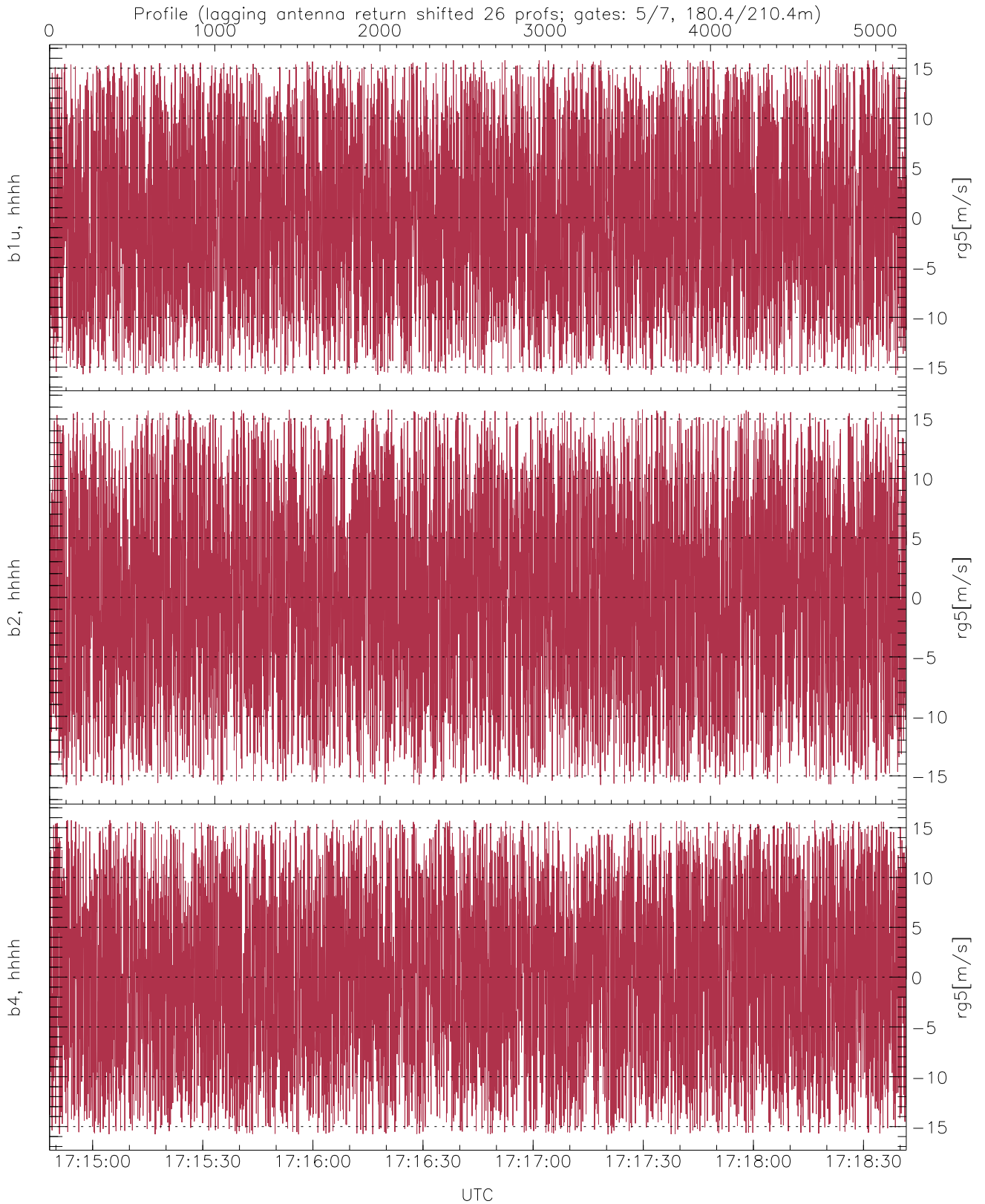
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.45	-64.22	-65.25
down(hh[dBm])	-66.07	-63.91	-64.96
down-fore(hh[dBm])	-65.96	-63.62	-64.82



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

	Min	Max	Mean
up/down (dB)	-1.85	1.12	-0.28
down/down-fore (dB)	-1.67	1.38	-0.14



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	-0.01	8.82
b2, hhhh(rg5[m/s])	-15.78	15.79	0.10	8.66
b4, hhhh(rg5[m/s])	-15.78	15.79	-0.11	8.93