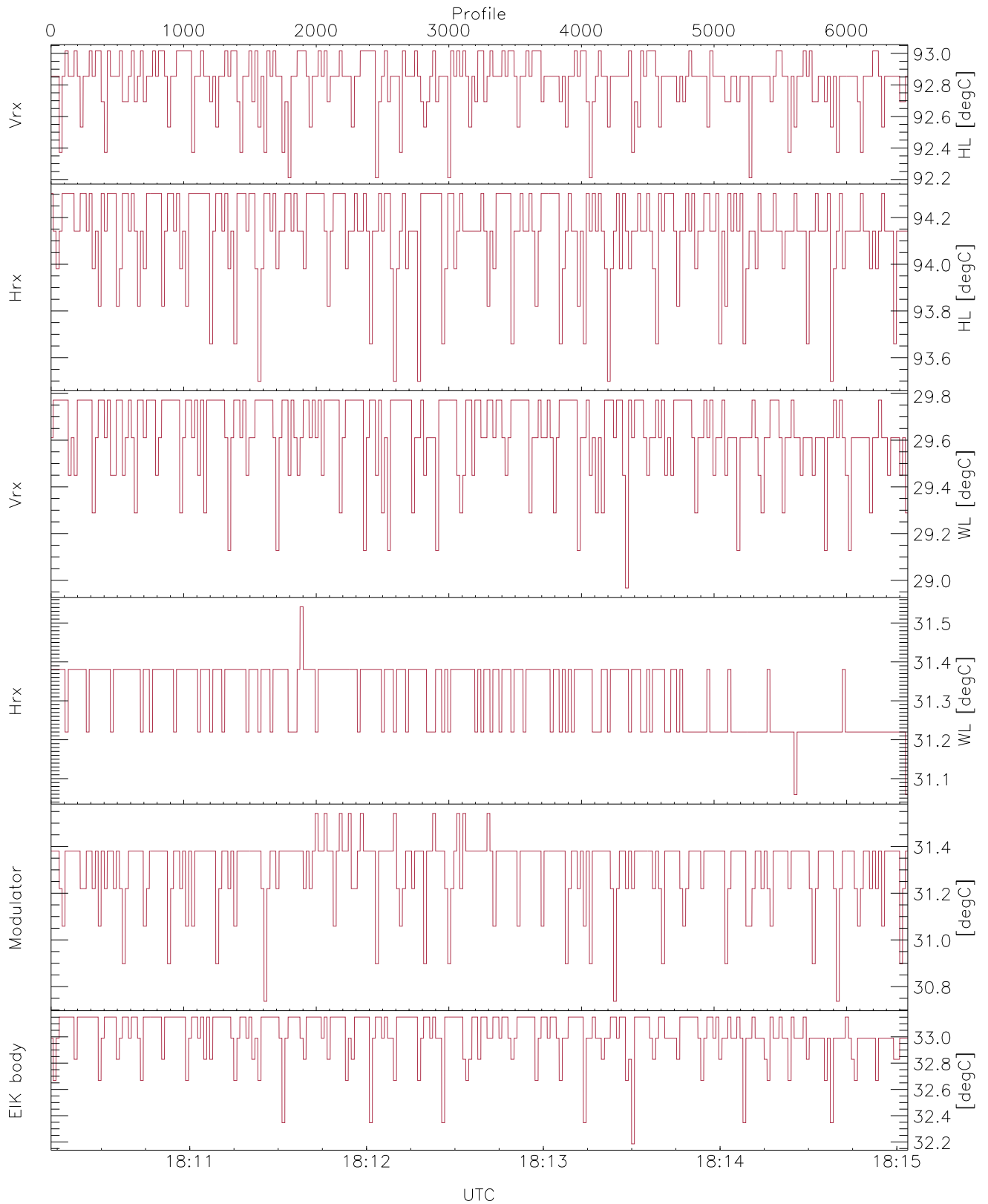


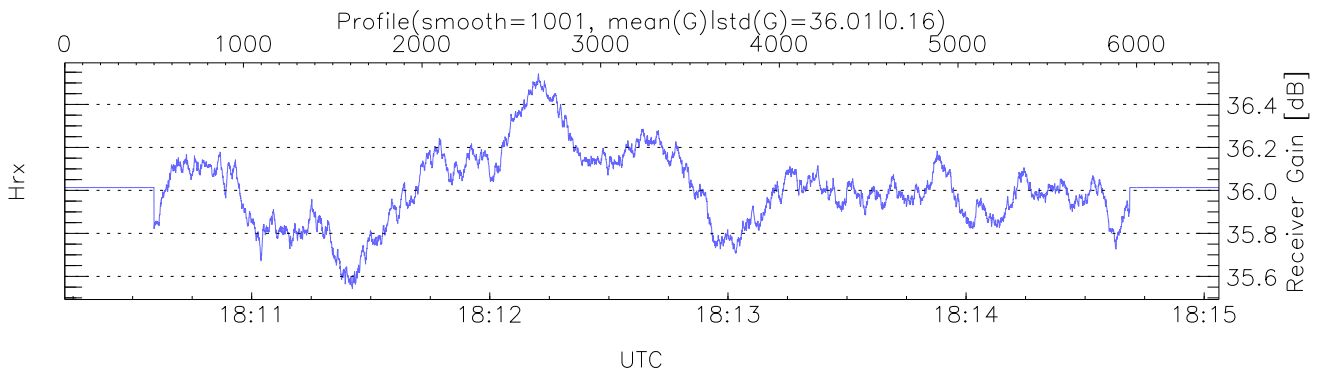
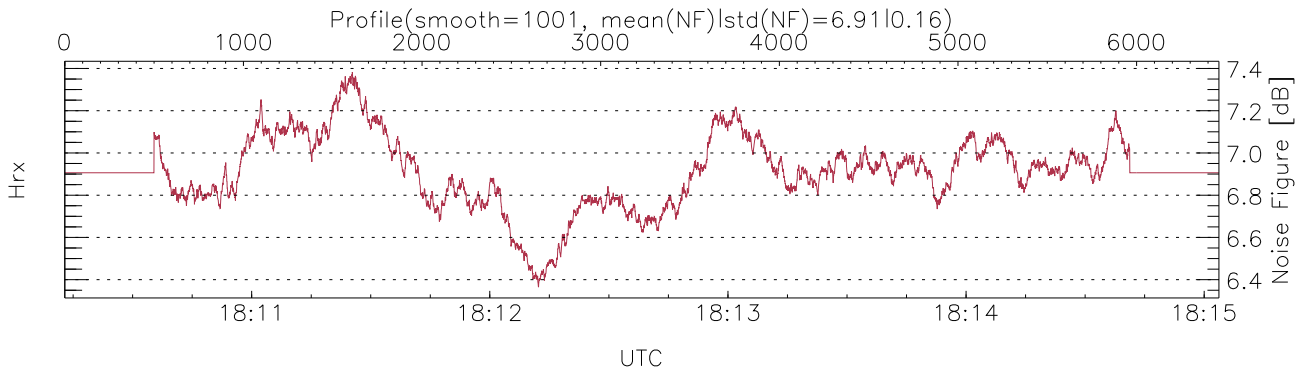
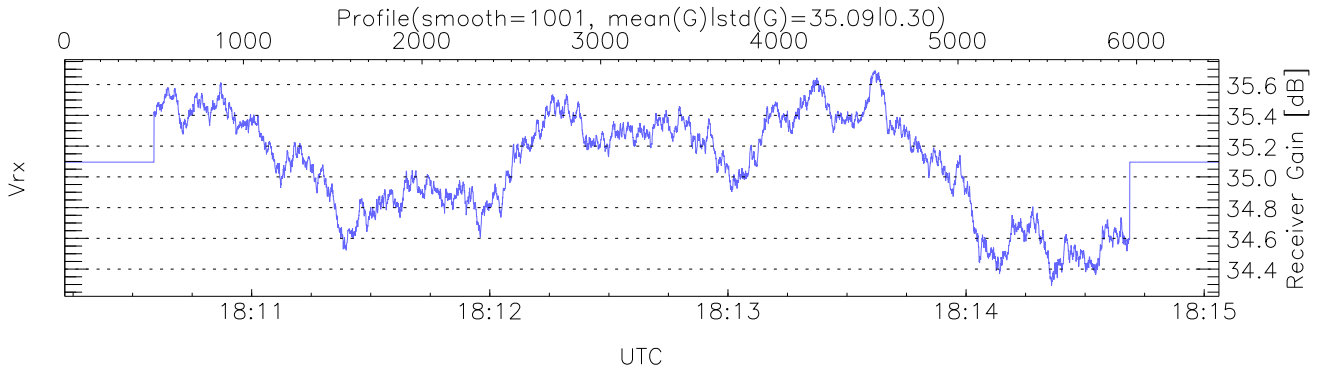
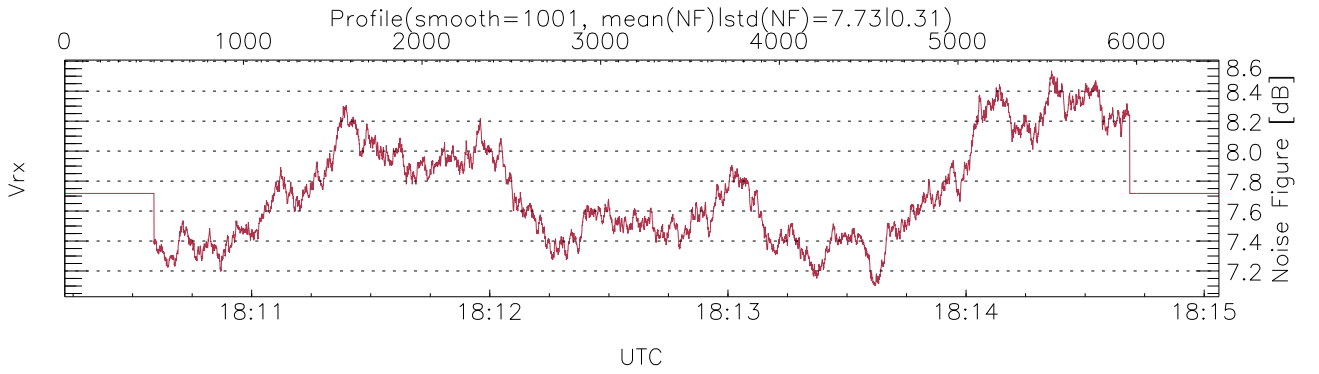
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 18:10:13-18:15:04, TimeCor: 0.00s, Dur: 290.82s
 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): 6462/6462, 0-6461/18:10:13-18:15:04
 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/sideluplerror): 3



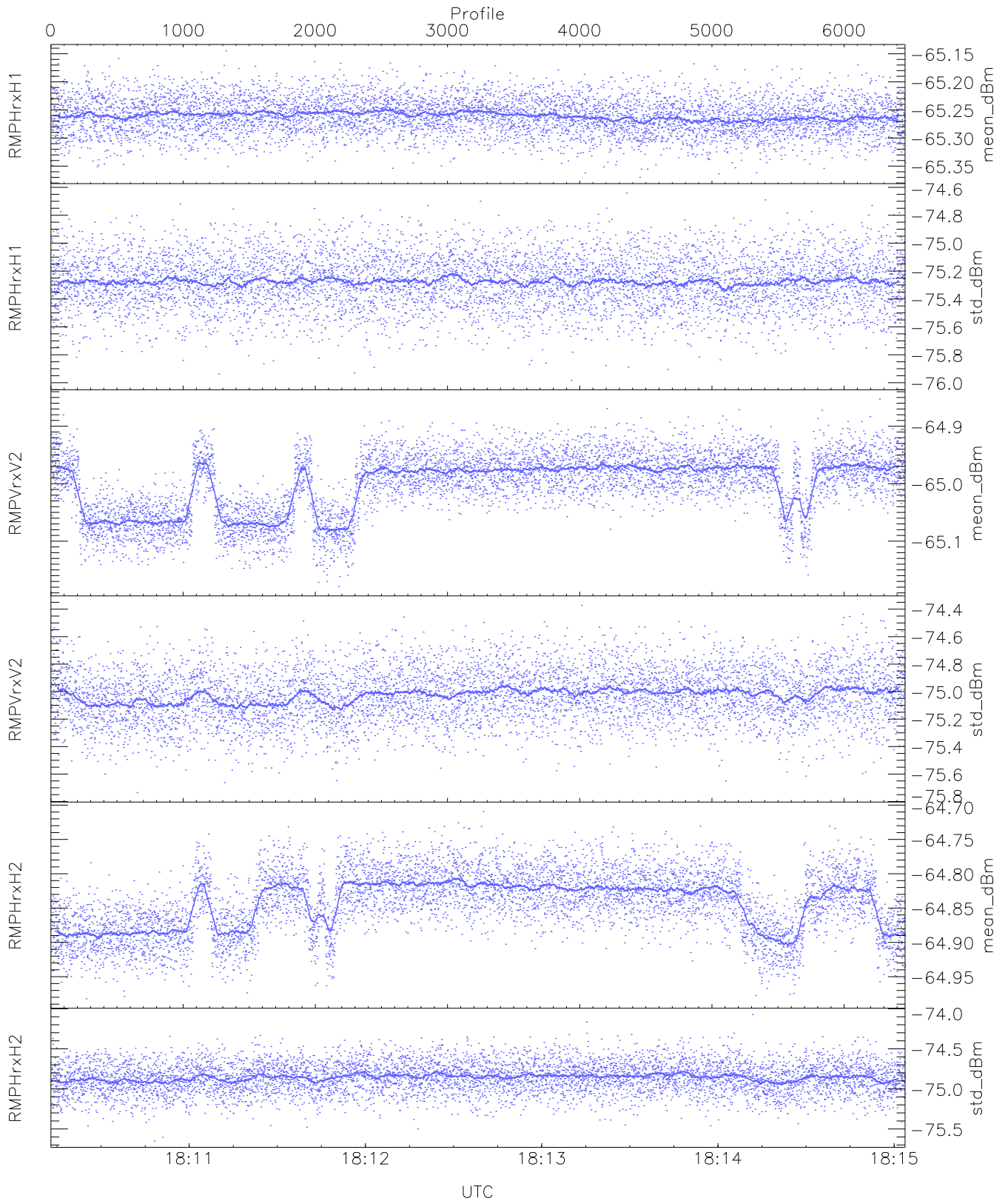
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,28,31,30,32
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,29,31,31,33
LOalarm(20,240,2817,14861 MHz): None
EIK/Modulator Faults: None



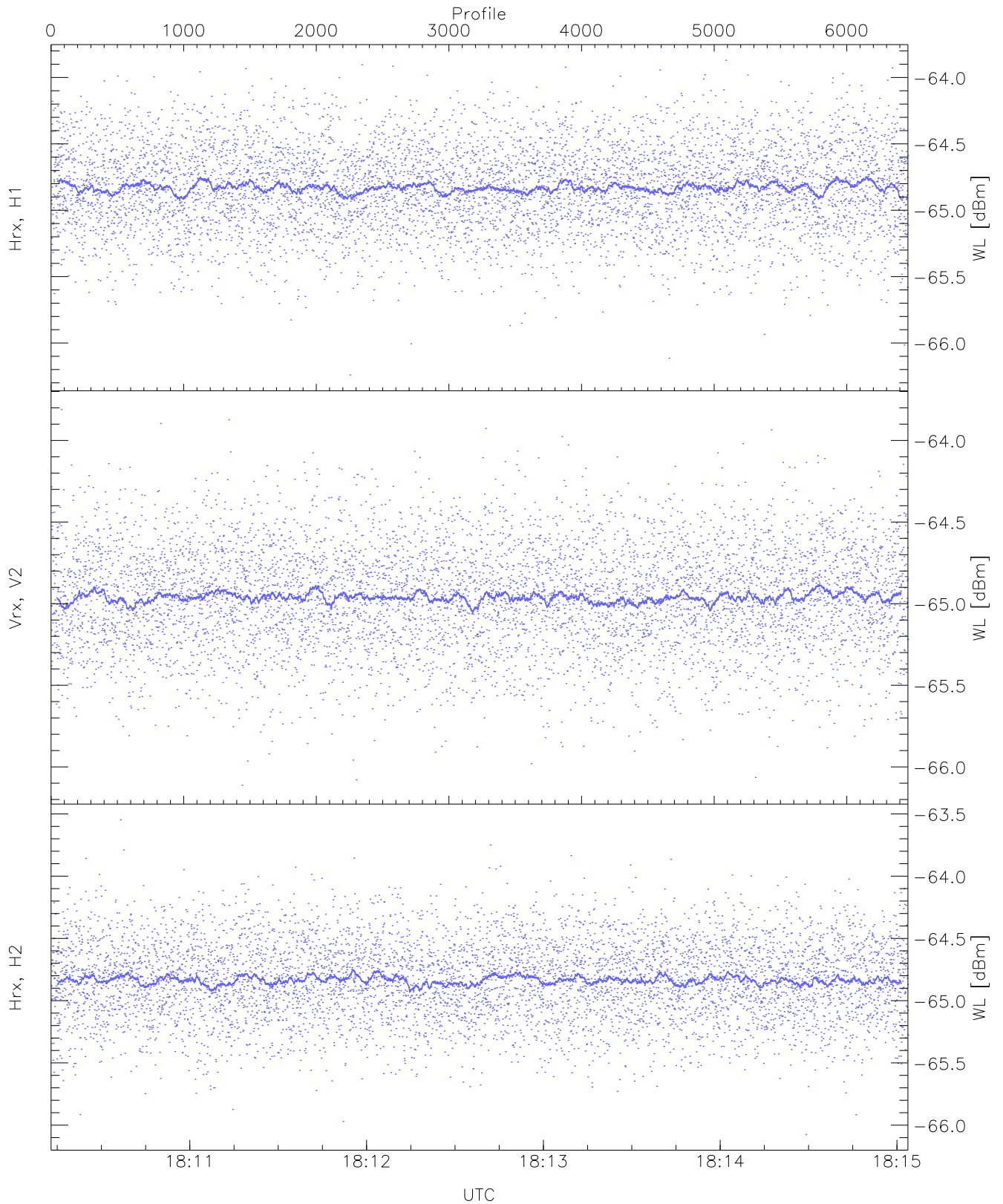
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 532 pixs, 3 gates, 525 profs, 1 prod(s)



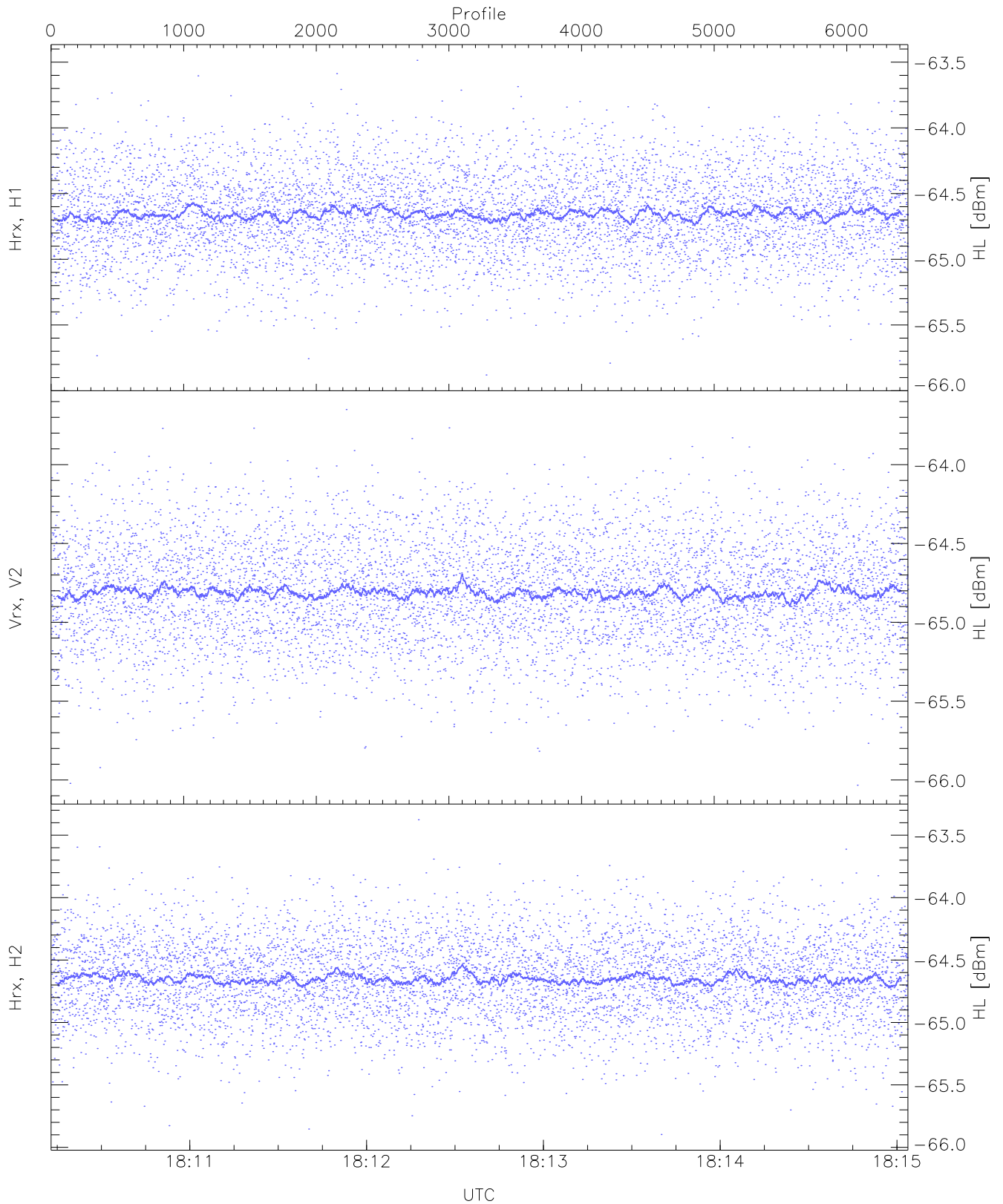
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.37	-65.14	-65.26	-65.26	-86.77
RMPHrxH1(std_dBm)	-75.98	-74.64	-75.27	-75.27	-89.04
RMPVrxV2(mean_dBm)	-65.18	-64.85	-65.00	-64.99	-84.13
RMPVrxV2(std_dBm)	-75.74	-74.37	-75.02	-75.03	-88.72
RMPHrxH2(mean_dBm)	-64.98	-64.71	-64.84	-64.84	-84.76
RMPHrxH2(std_dBm)	-75.65	-74.07	-74.86	-74.86	-88.60



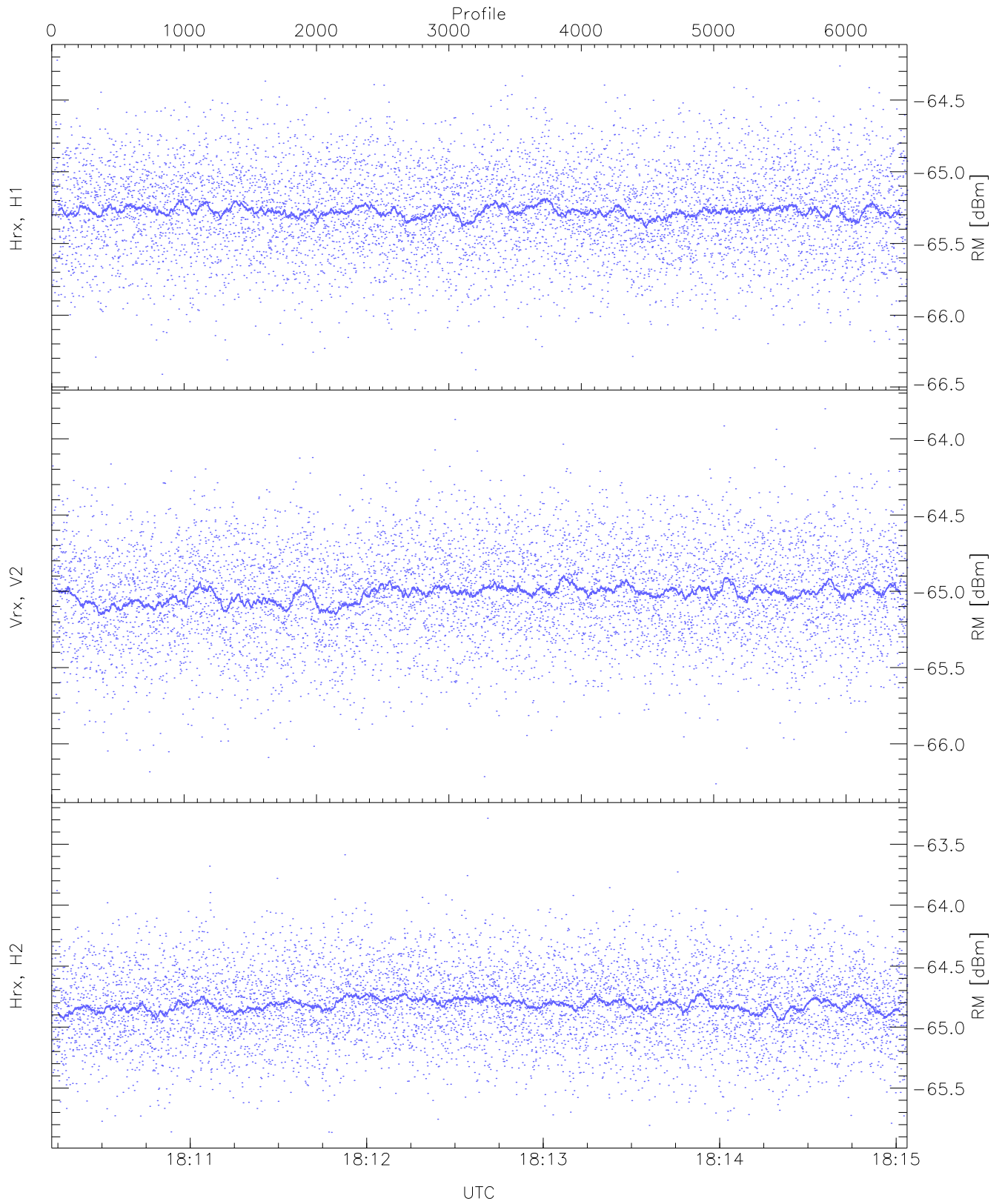
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.24	-63.87	-64.82	-64.83	-76.33
Vrx, V2 (WL [dBm])	-66.11	-63.81	-64.95	-64.96	-76.48
Hrx, H2 (WL [dBm])	-66.07	-63.55	-64.83	-64.83	-76.35



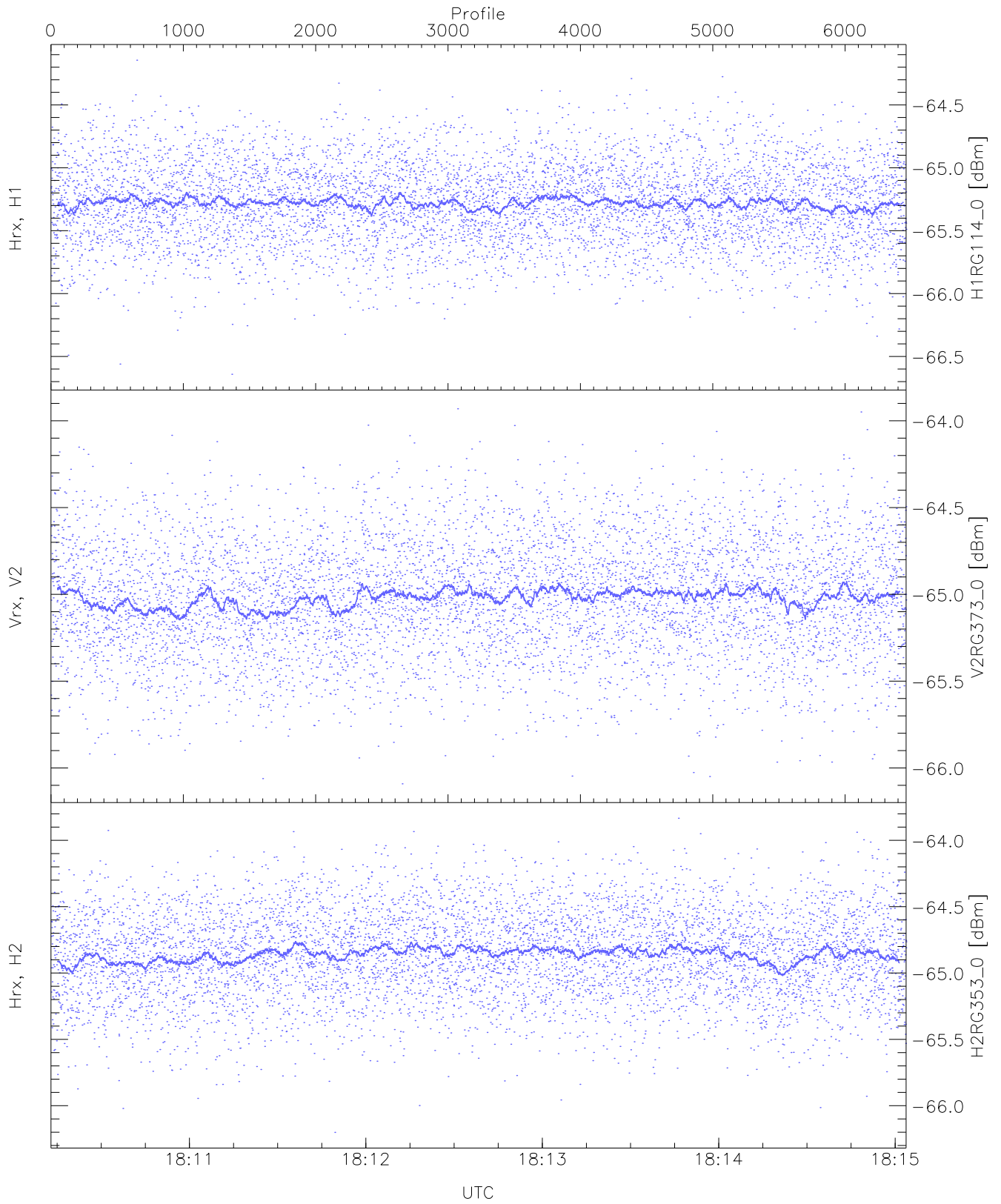
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.88	-63.49	-64.65	-64.66	-76.20
Vrx, V2 (HL [dBm])	-66.03	-63.65	-64.80	-64.81	-76.28
Hrx, H2 (HL [dBm])	-65.90	-63.38	-64.64	-64.65	-76.20



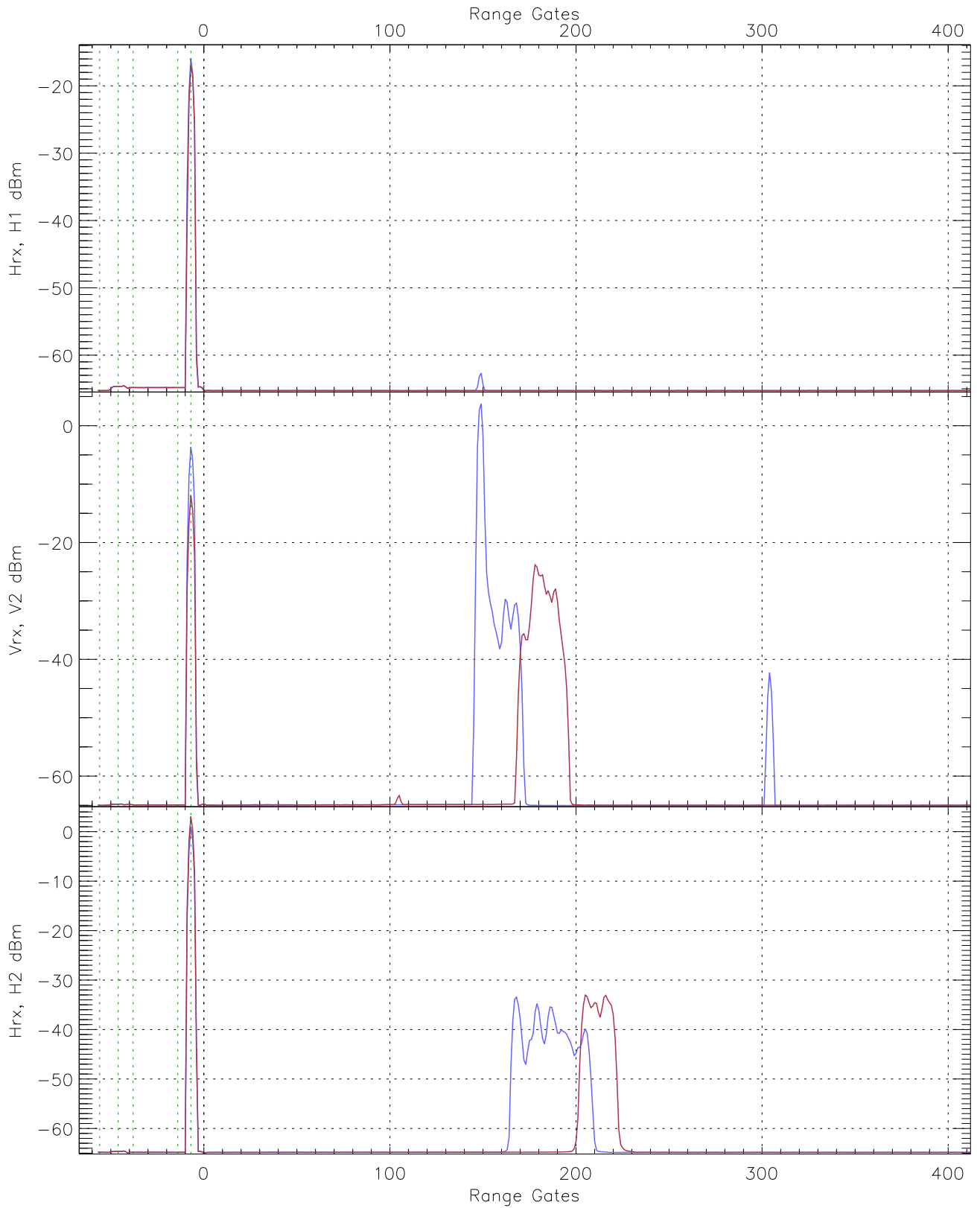
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.41	-64.22	-65.27	-65.27	-76.81
Vrx, V2 (RM [dBm])	-66.26	-63.80	-65.01	-65.01	-76.48
Hrx, H2 (RM [dBm])	-65.86	-63.29	-64.81	-64.82	-76.30

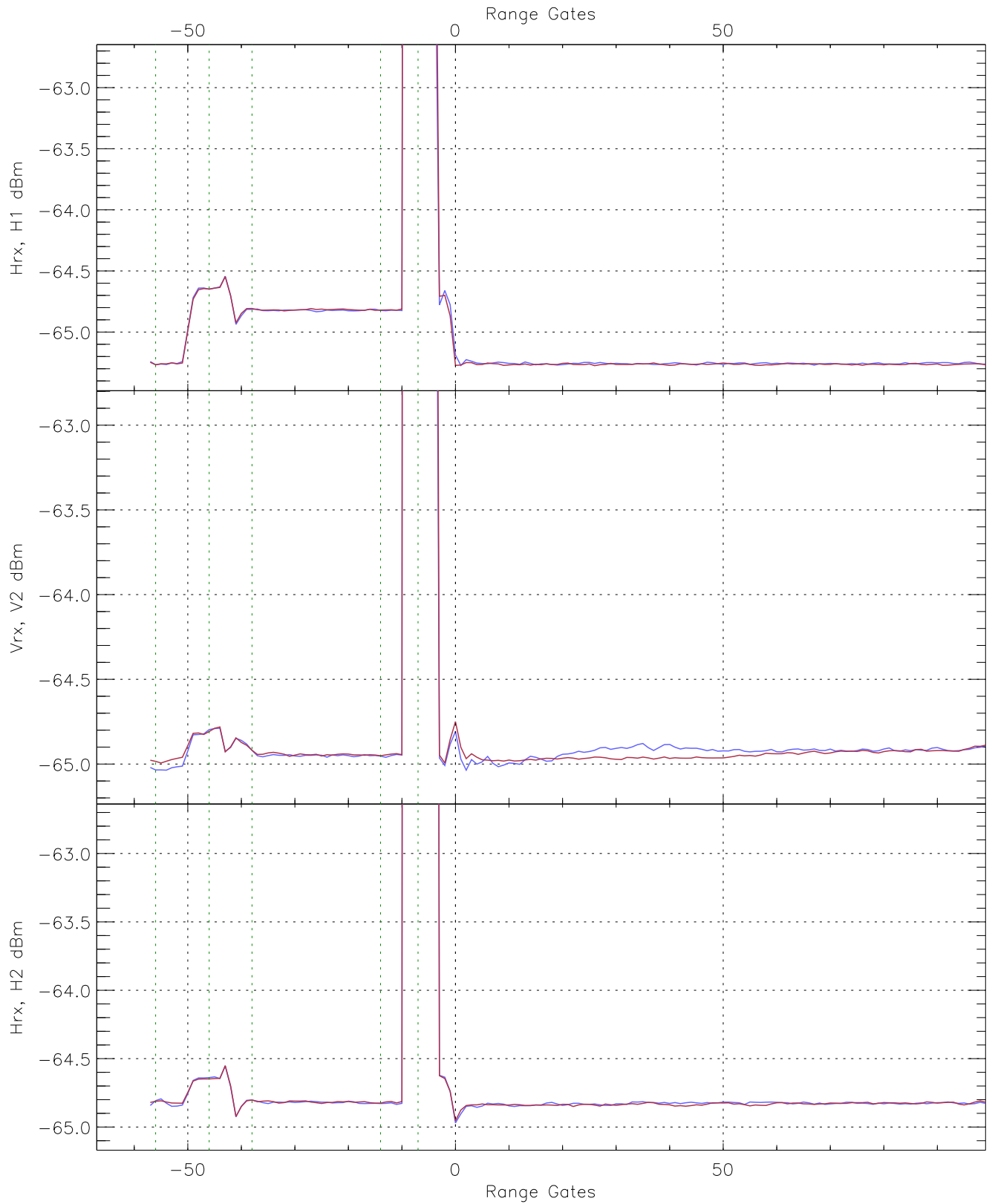


WCR3 CPP "Best" estimate Receivers Noise Power

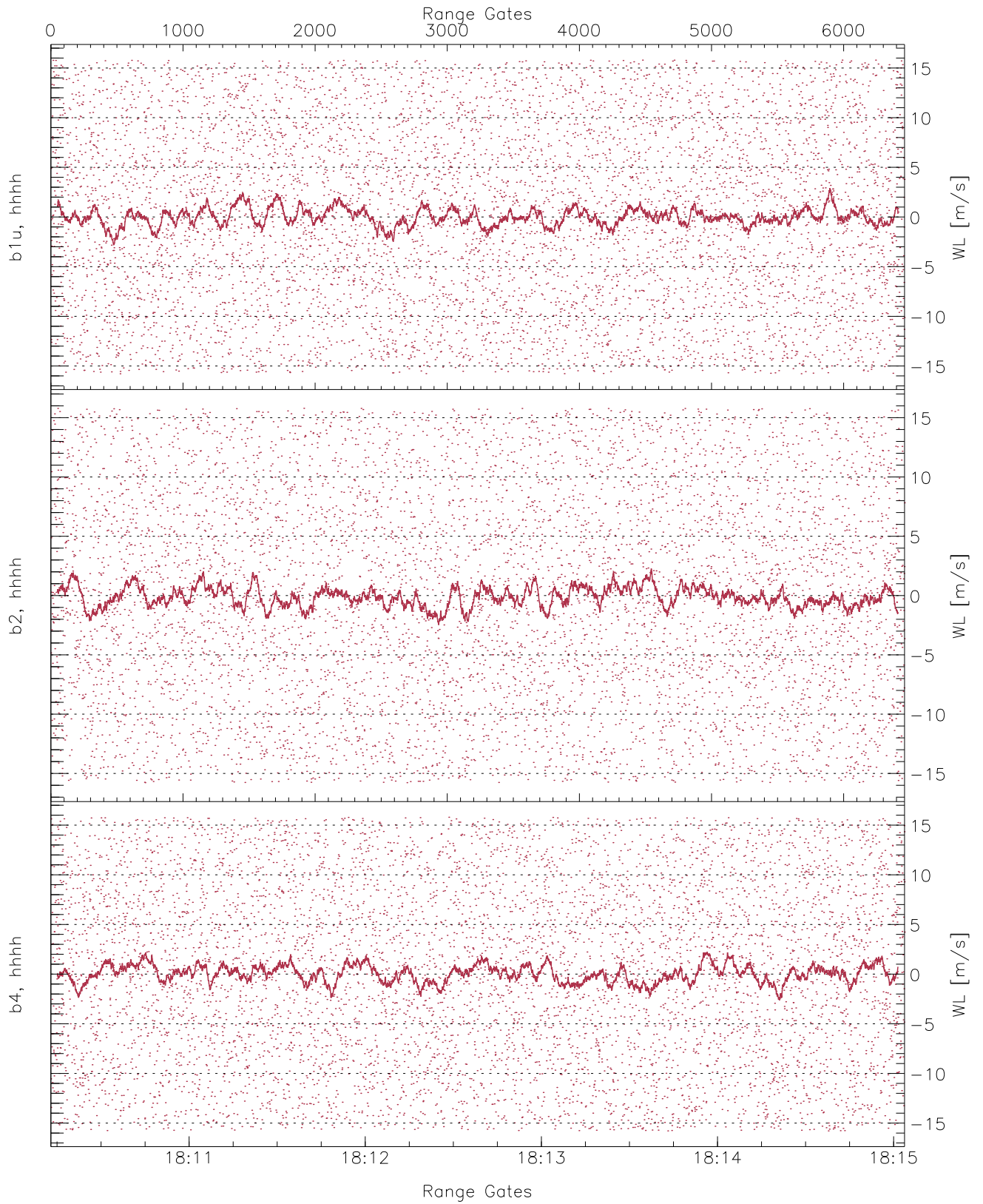
	Min	Max	Mean	Median	StDev
H1RG114_0 [dBm]	-66.64	-64.14	-65.27	-65.28	-76.74
V2RG373_0 [dBm]	-66.09	-63.93	-65.01	-65.02	-76.47
H2RG353_0 [dBm]	-66.20	-63.83	-64.85	-64.86	-76.27



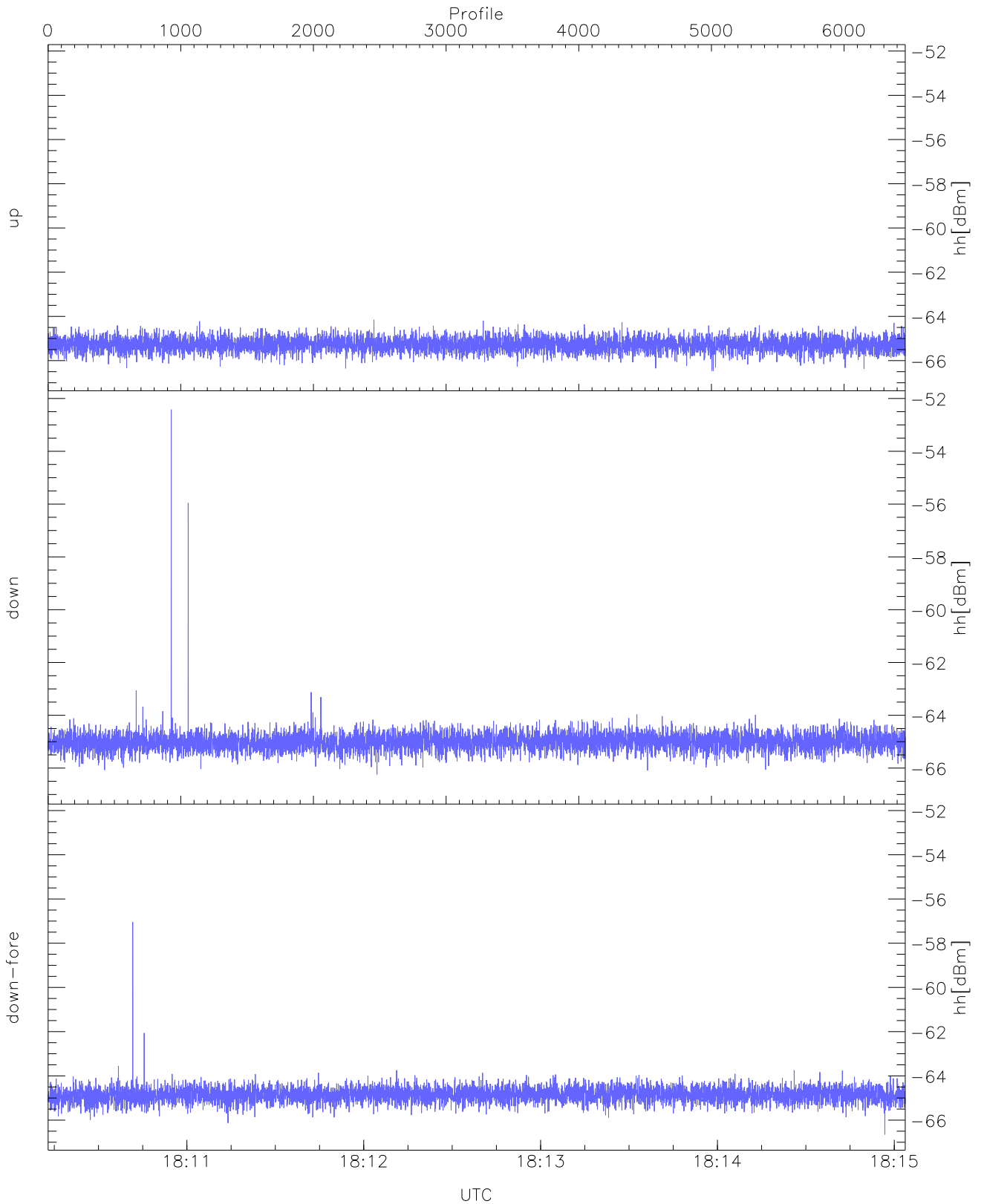
WCR3 CPP Averaged Received power for all recorded gates
blue: 181013-181238, 3232 profiles averaged
red: 181238-181504, 3231 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 181013-181238, 3232 profiles averaged
red: 181238-181504, 3231 profiles averaged

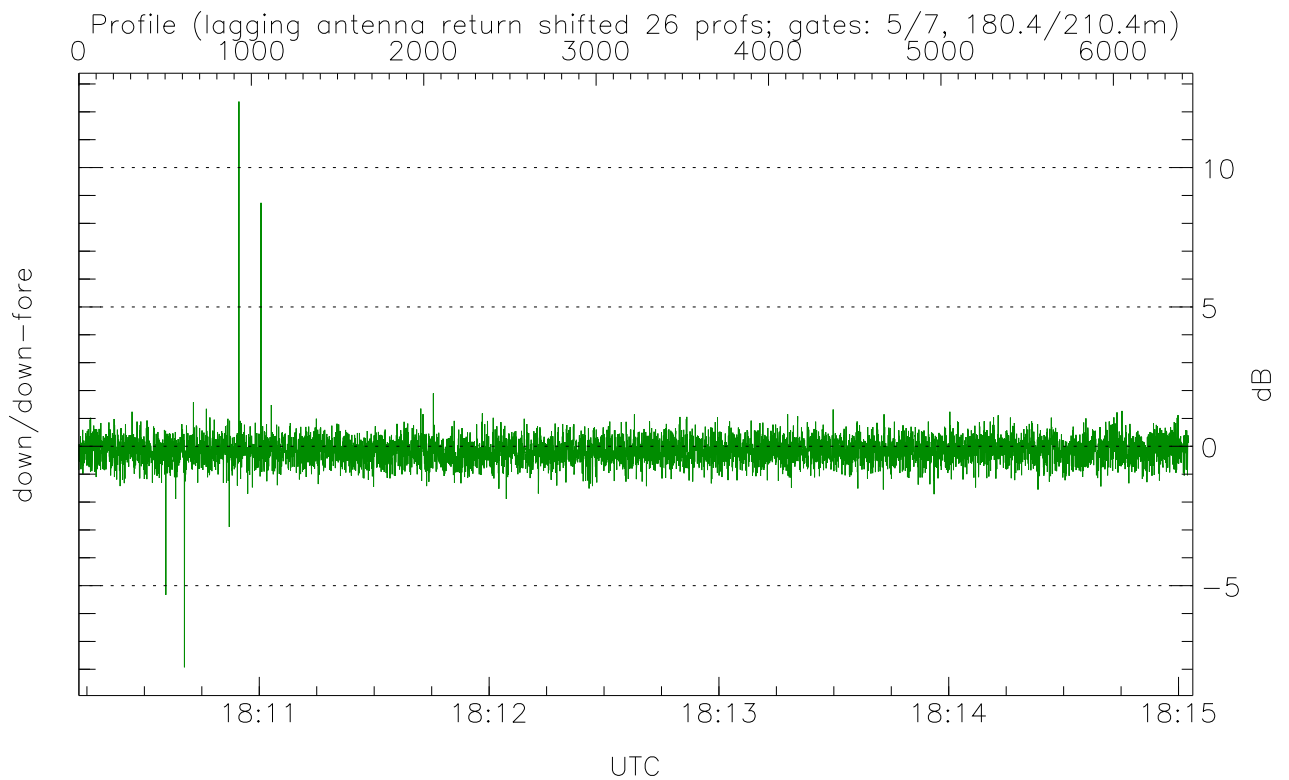
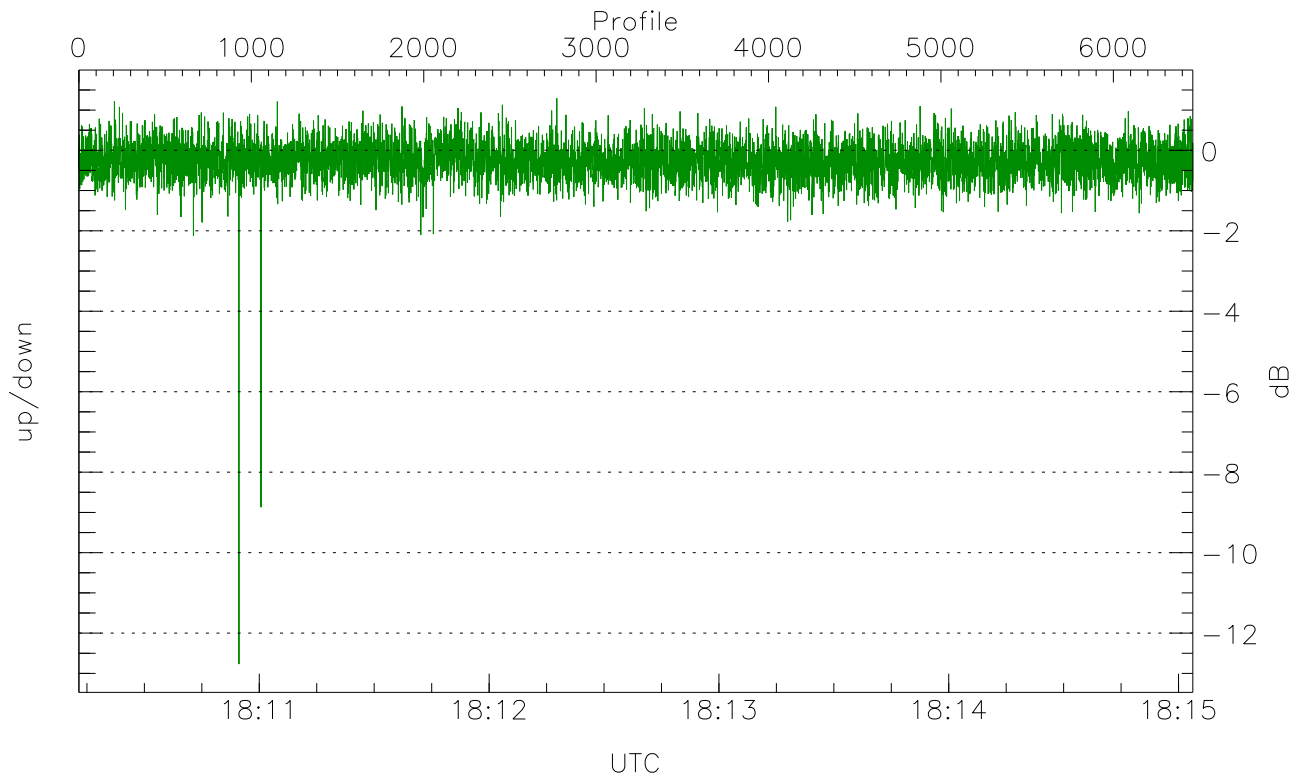


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



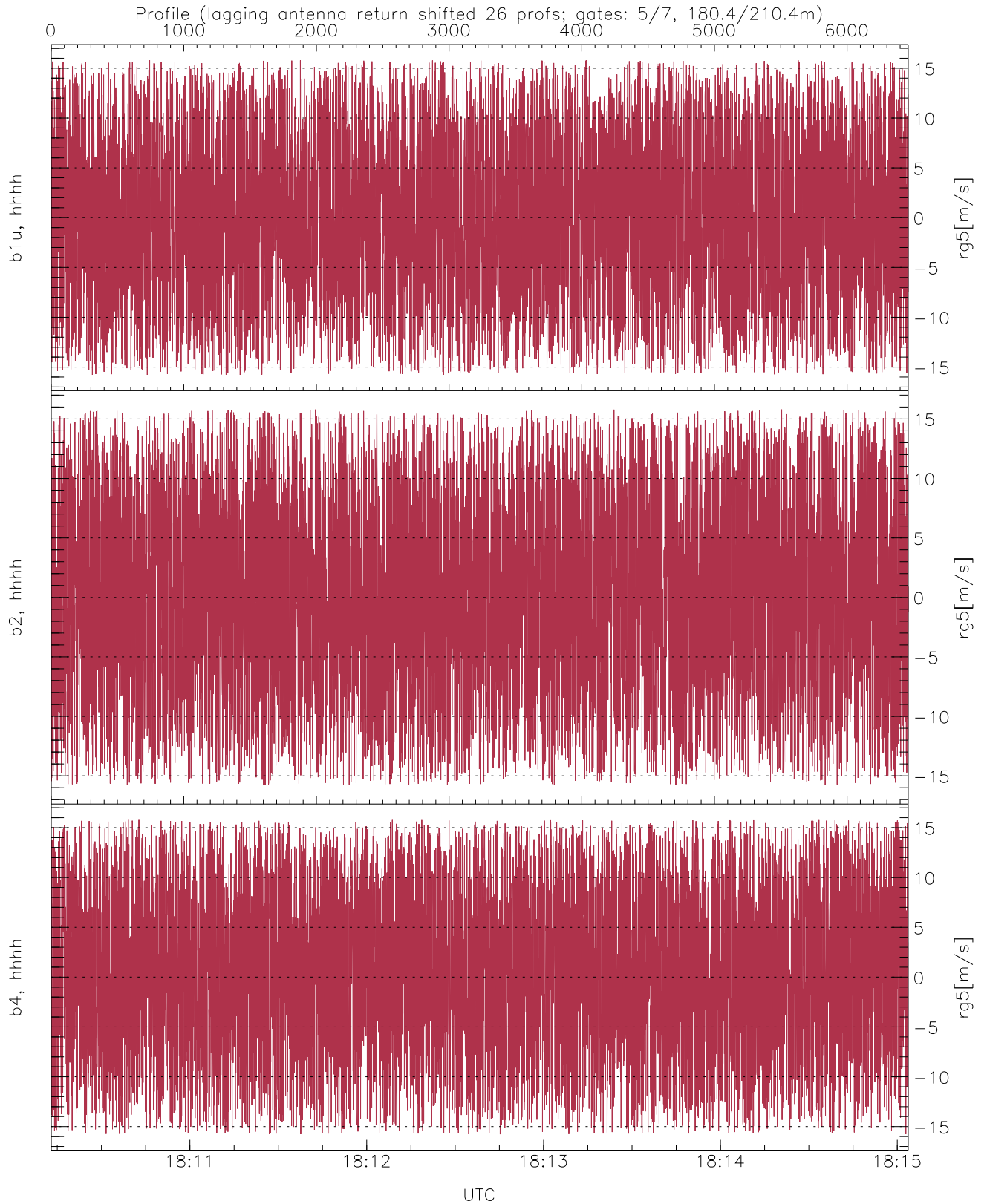
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.46	-64.15	-65.26
down(hh[dBm])	-66.24	-52.42	-64.98
down-fore(hh[dBm])	-66.65	-57.04	-64.84



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

	Min	Max	Mean
up/down (dB)	-12.77	1.29	-0.27
down/down-fore (dB)	-7.93	12.37	-0.16



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	0.07	8.49
b2, hhhh(rg5[m/s])	-15.78	15.79	-0.01	8.58
b4, hhhh(rg5[m/s])	-15.77	15.79	0.28	8.72