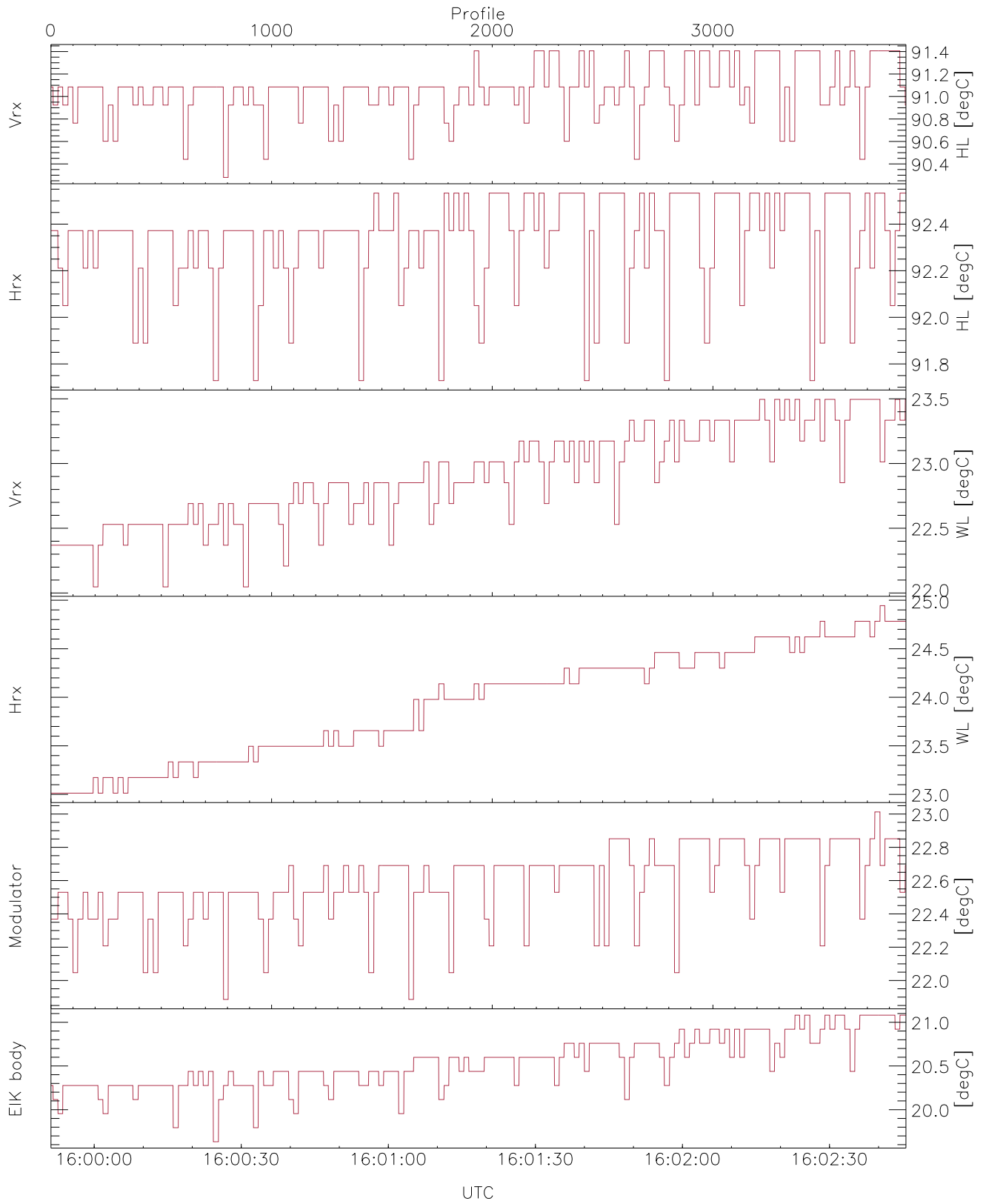


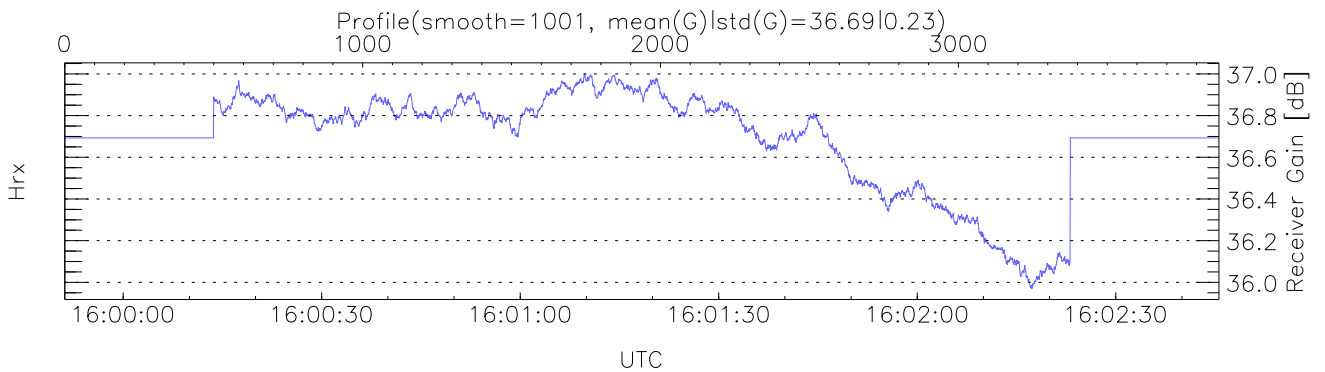
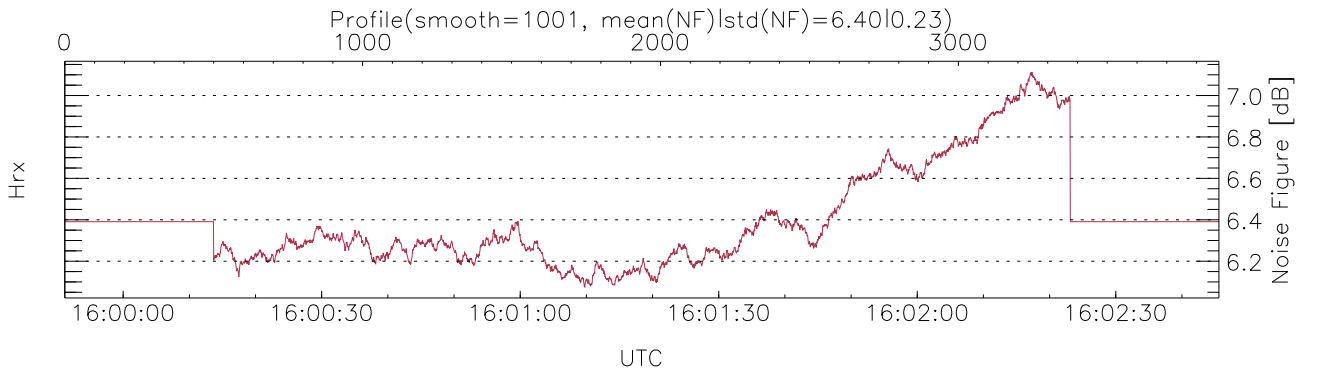
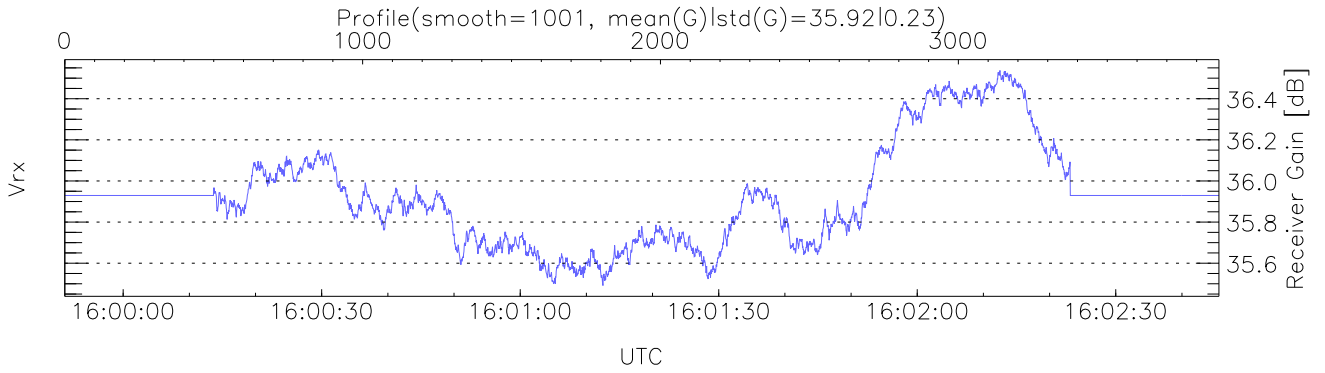
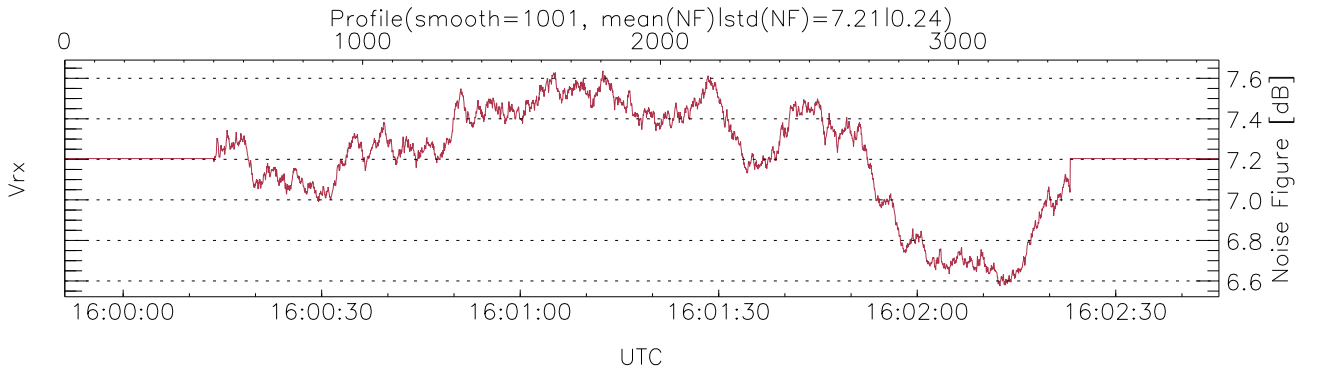
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 15:59:51-16:02:46, TimeCor: 0.00s, Dur: 174.42s
 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): 3876/3876, 0-3875/15:59:51-16:02:46
 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 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



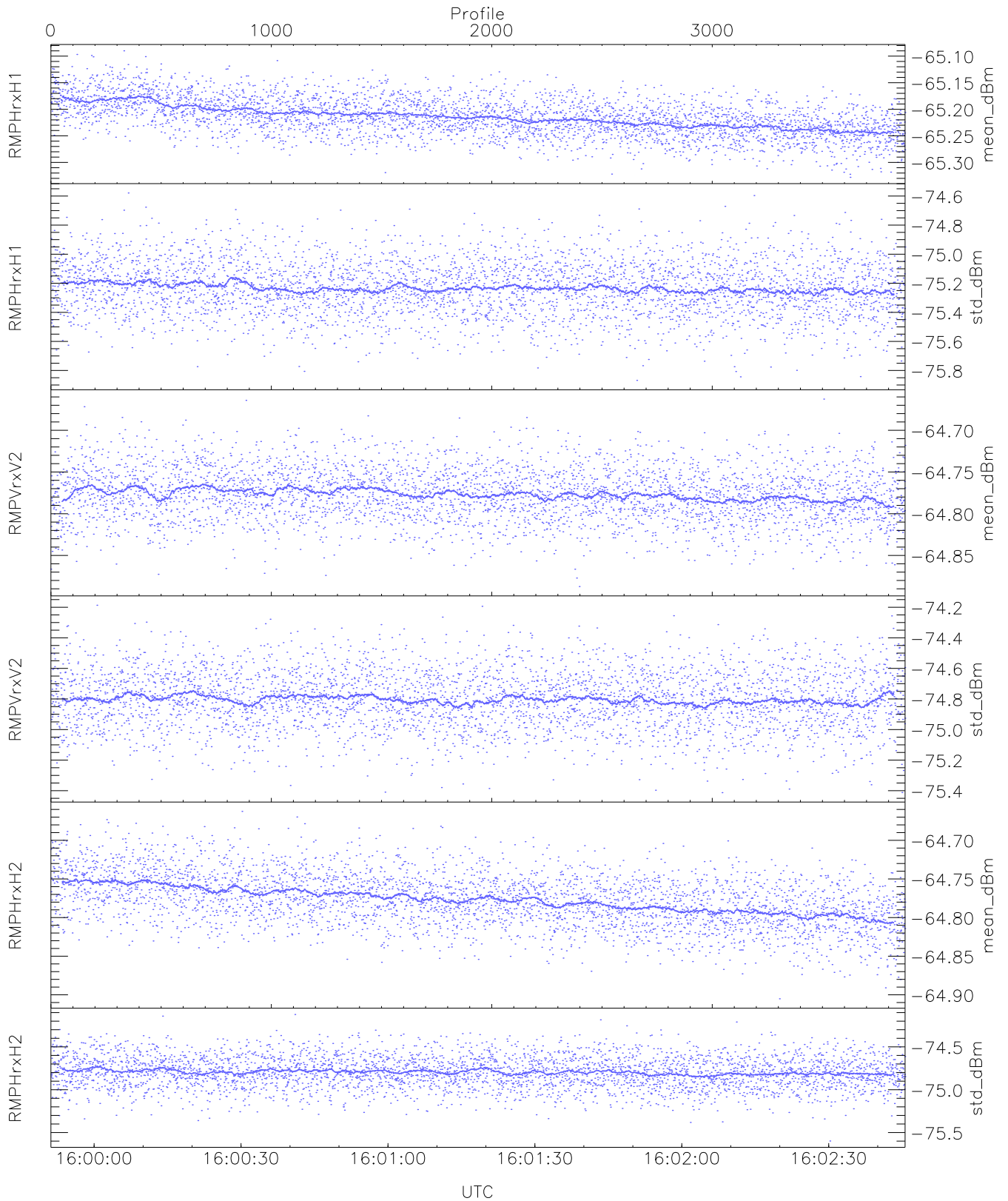
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,22,23,21,19
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,23,24,23,21
LOalarm(20,240,2817,14861 MHz): 0,0,22,0
EIK/Modulator Faults: None



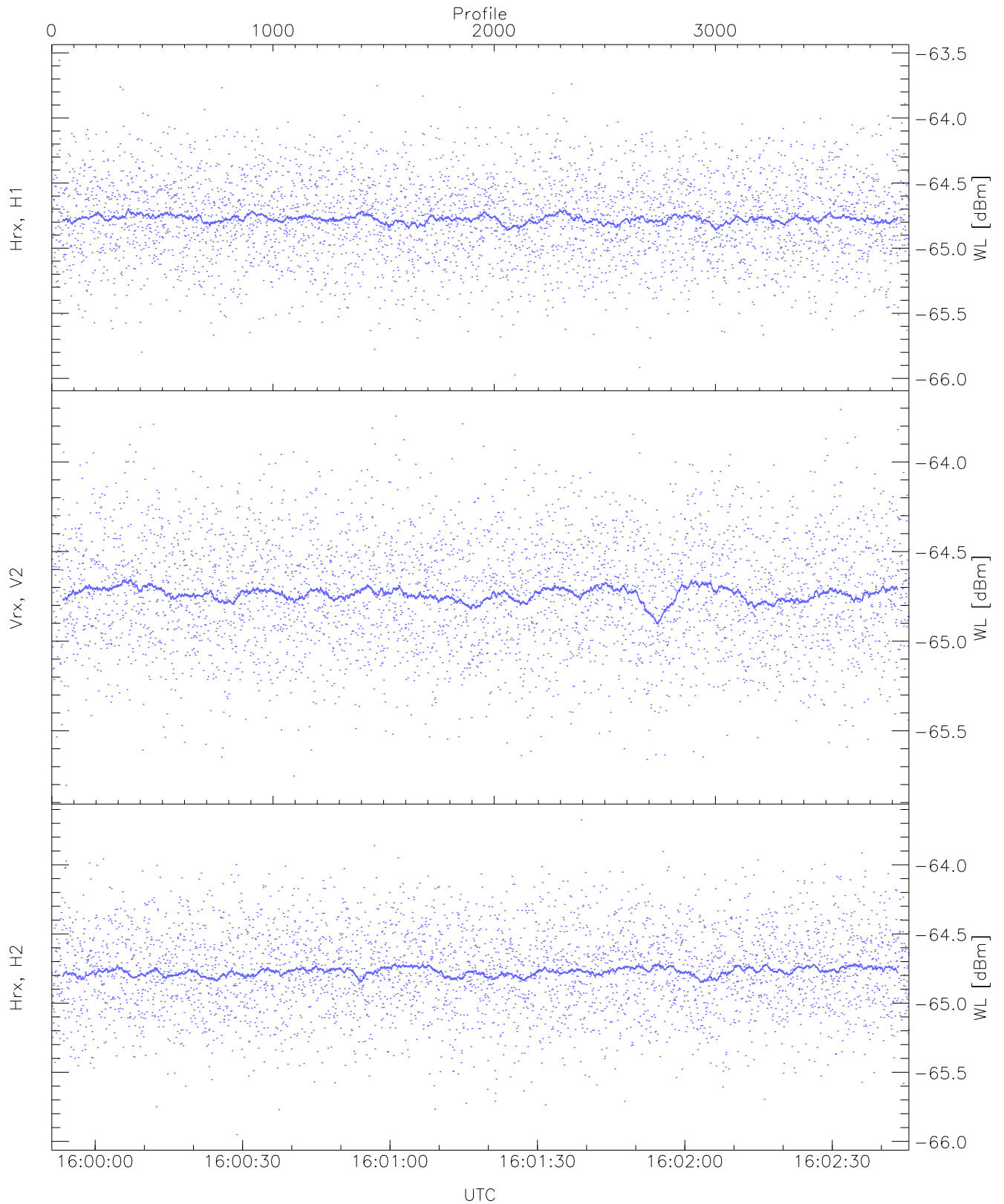
WCR3 CPP Receivers Gain and Noise Figure

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



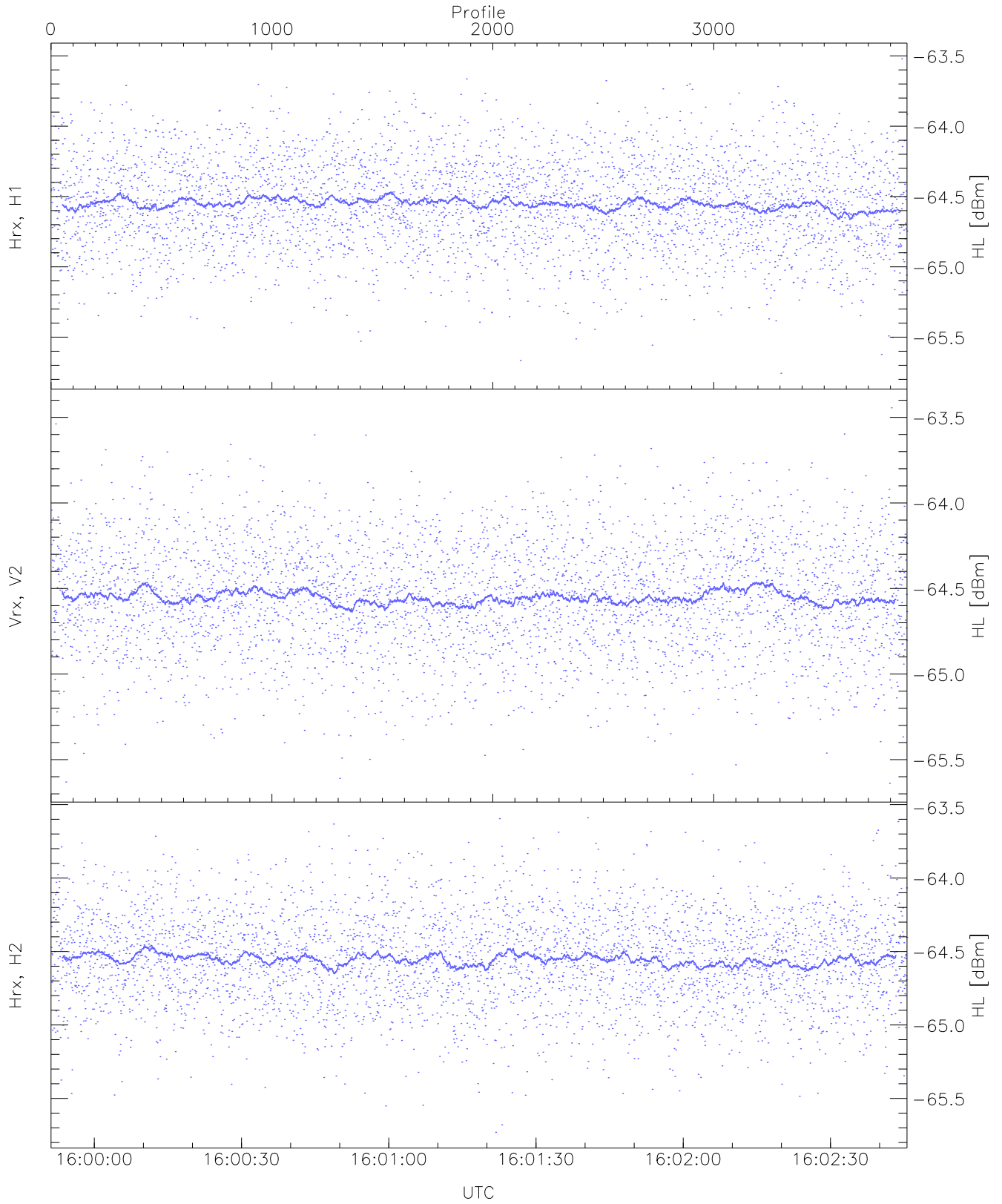
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.33	-65.09	-65.21	-65.22	-86.17
RMPHrxH1(std_dBm)	-75.87	-74.58	-75.23	-75.23	-89.05
RMPVrxV2(mean_dBm)	-64.89	-64.66	-64.78	-64.78	-86.32
RMPVrxV2(std_dBm)	-75.41	-74.19	-74.80	-74.80	-88.59
RMPHrxH2(mean_dBm)	-64.91	-64.66	-64.78	-64.78	-85.94
RMPHrxH2(std_dBm)	-75.60	-74.12	-74.79	-74.80	-88.61



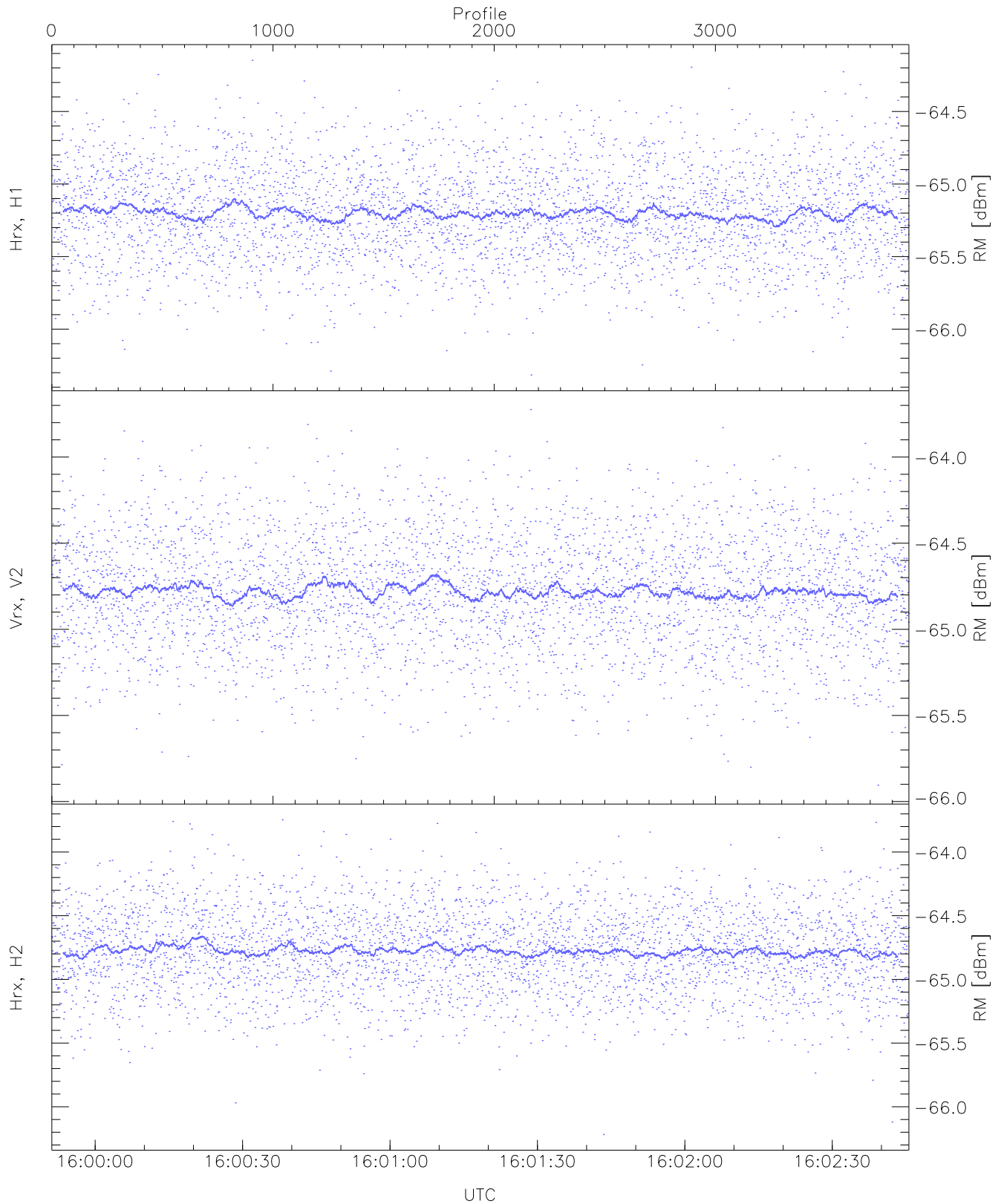
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.97	-63.56	-64.77	-64.77	-76.16
Vrx, V2 (WL [dBm])	-65.80	-63.71	-64.73	-64.74	-76.20
Hrx, H2 (WL [dBm])	-65.95	-63.67	-64.76	-64.77	-76.34



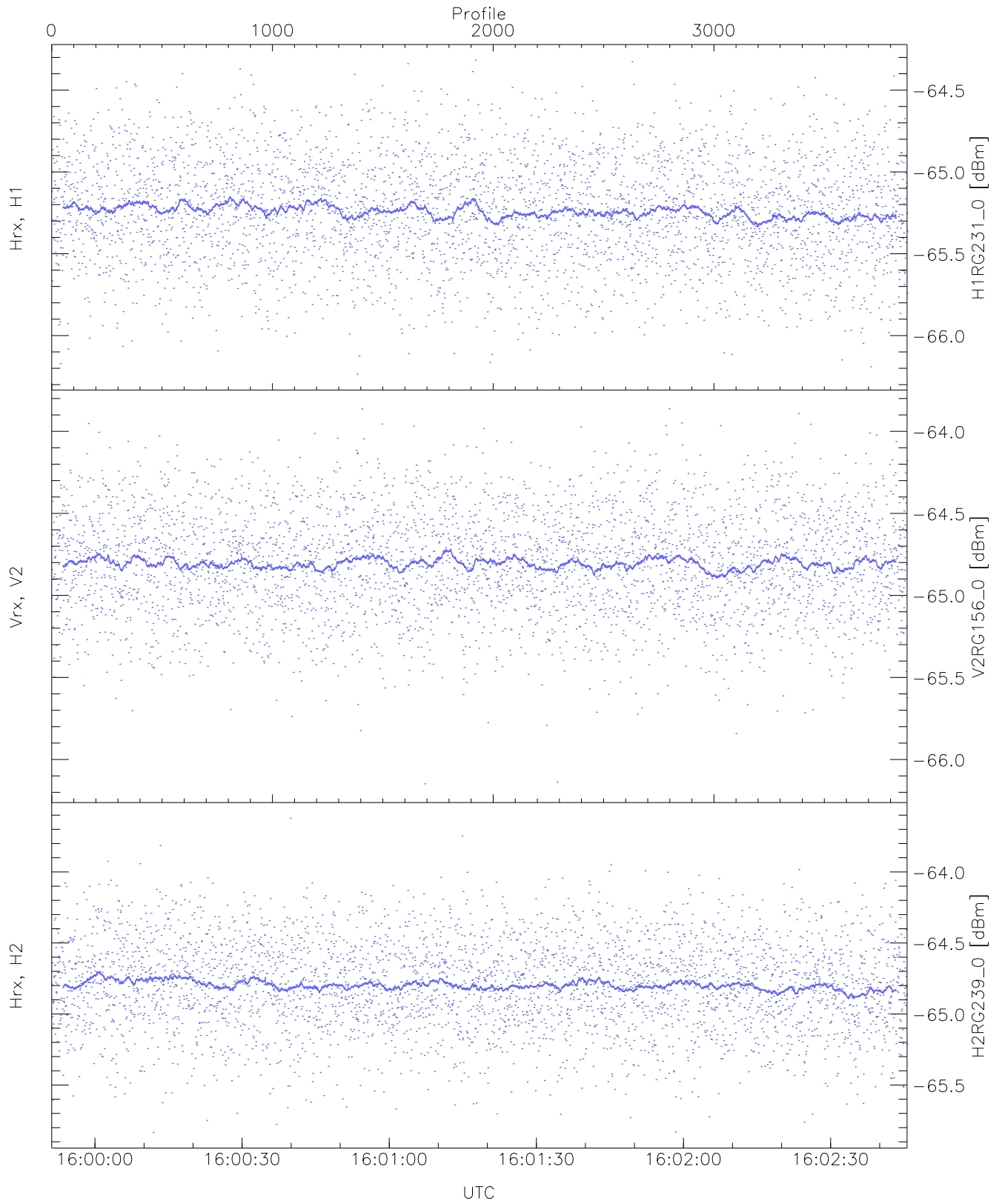
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.76	-63.52	-64.54	-64.55	-76.05
Vrx, V2 (HL [dBm])	-65.64	-63.44	-64.54	-64.55	-76.07
Hrx, H2 (HL [dBm])	-65.73	-63.59	-64.55	-64.55	-76.15



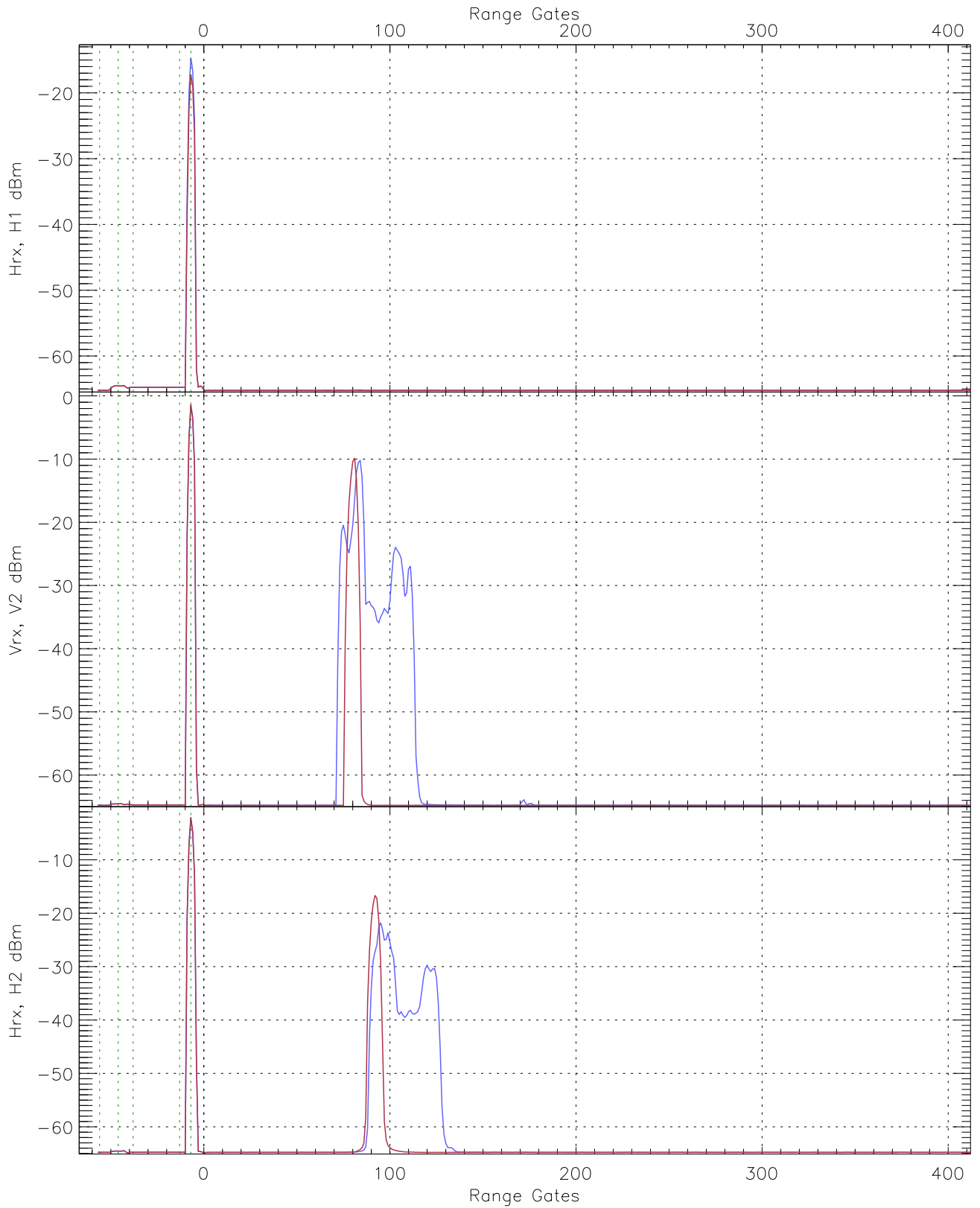
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.32	-64.15	-65.19	-65.20	-76.66
Vrx, V2 (RM [dBm])	-65.91	-63.72	-64.77	-64.78	-76.20
Hrx, H2 (RM [dBm])	-66.22	-63.75	-64.77	-64.78	-76.28

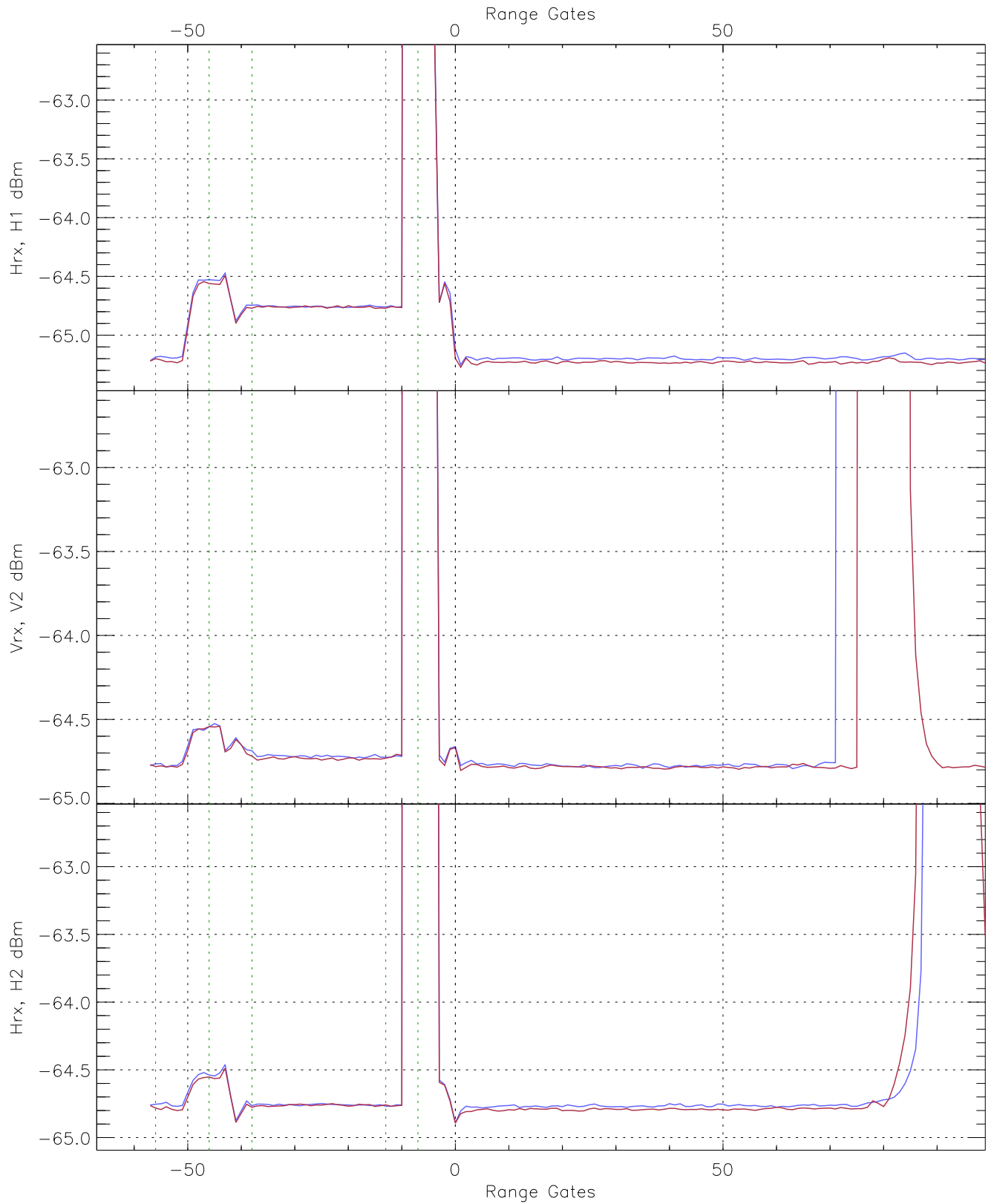


WCR3 CPP "Best" estimate Receivers Noise Power

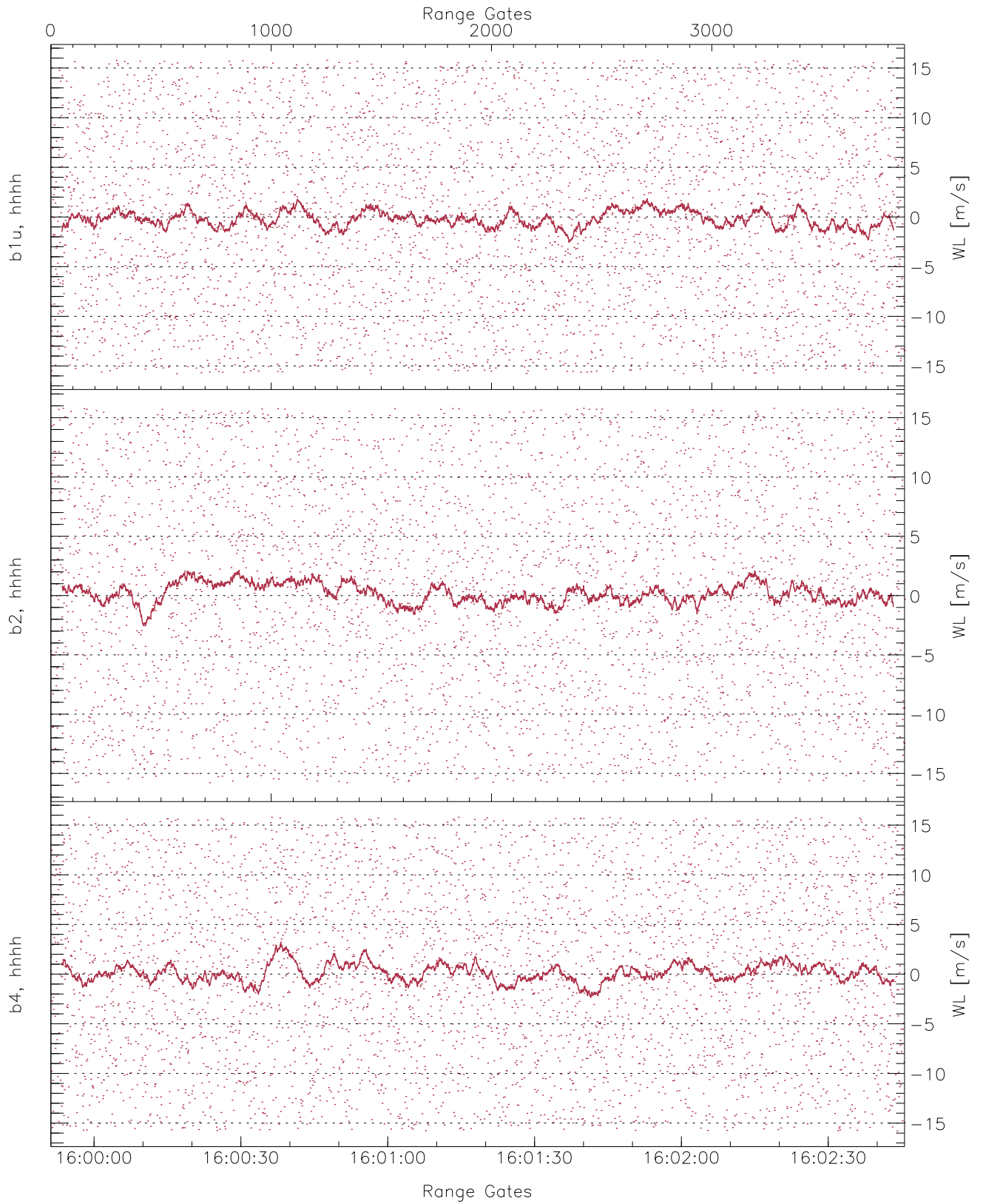
	Min	Max	Mean	Median	StDev
H1RG231_0 [dBm]	-66.24	-64.32	-65.23	-65.24	-76.71
V2RG156_0 [dBm]	-66.15	-63.86	-64.80	-64.80	-76.30
H2RG239_0 [dBm]	-65.83	-63.62	-64.79	-64.80	-76.30



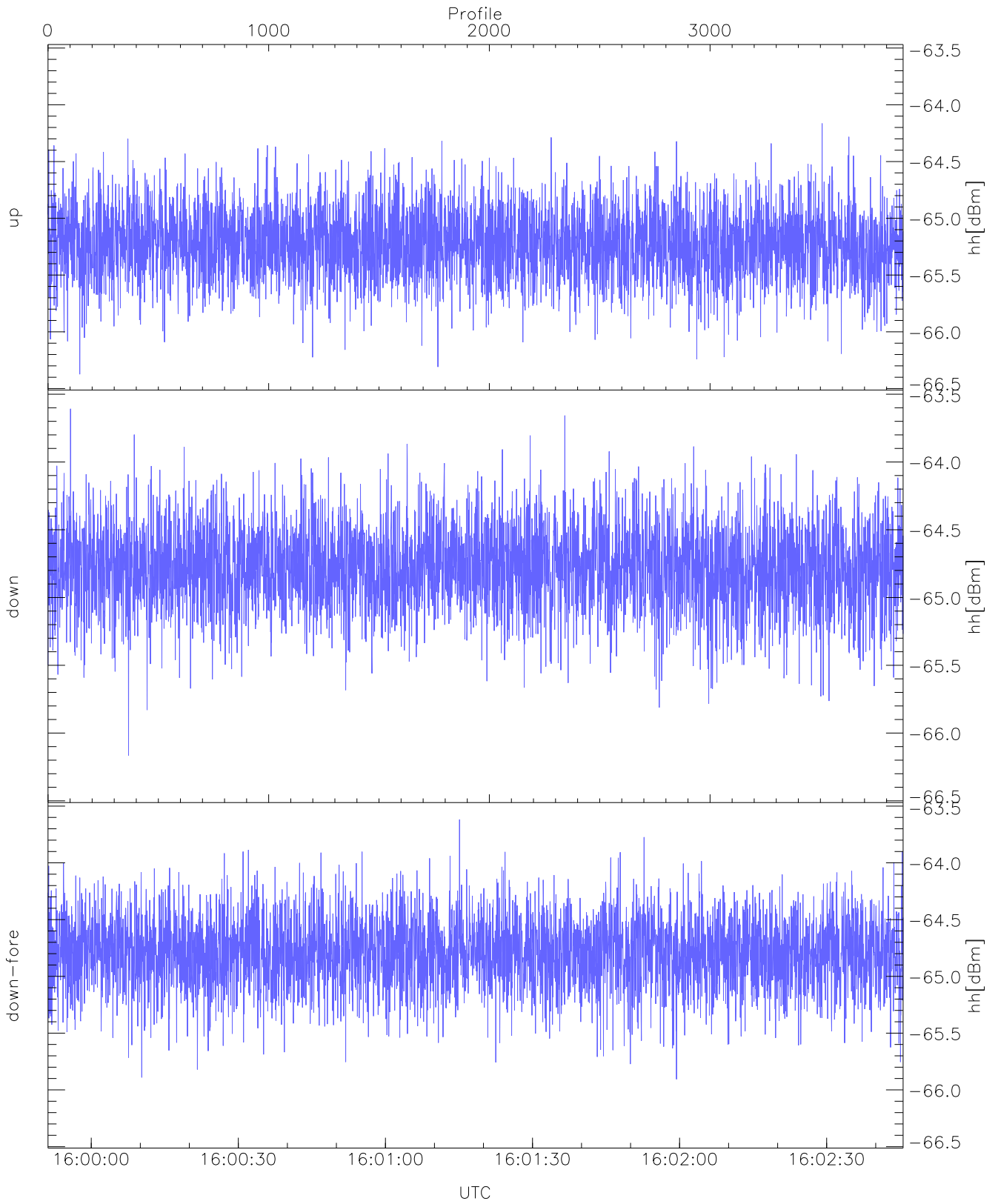
WCR3 CPP Averaged Received power for all recorded gates
blue: 155951-160118, 1939 profiles averaged
red: 160118-160246, 1938 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 155951-160118, 1939 profiles averaged
red: 160118-160246, 1938 profiles averaged

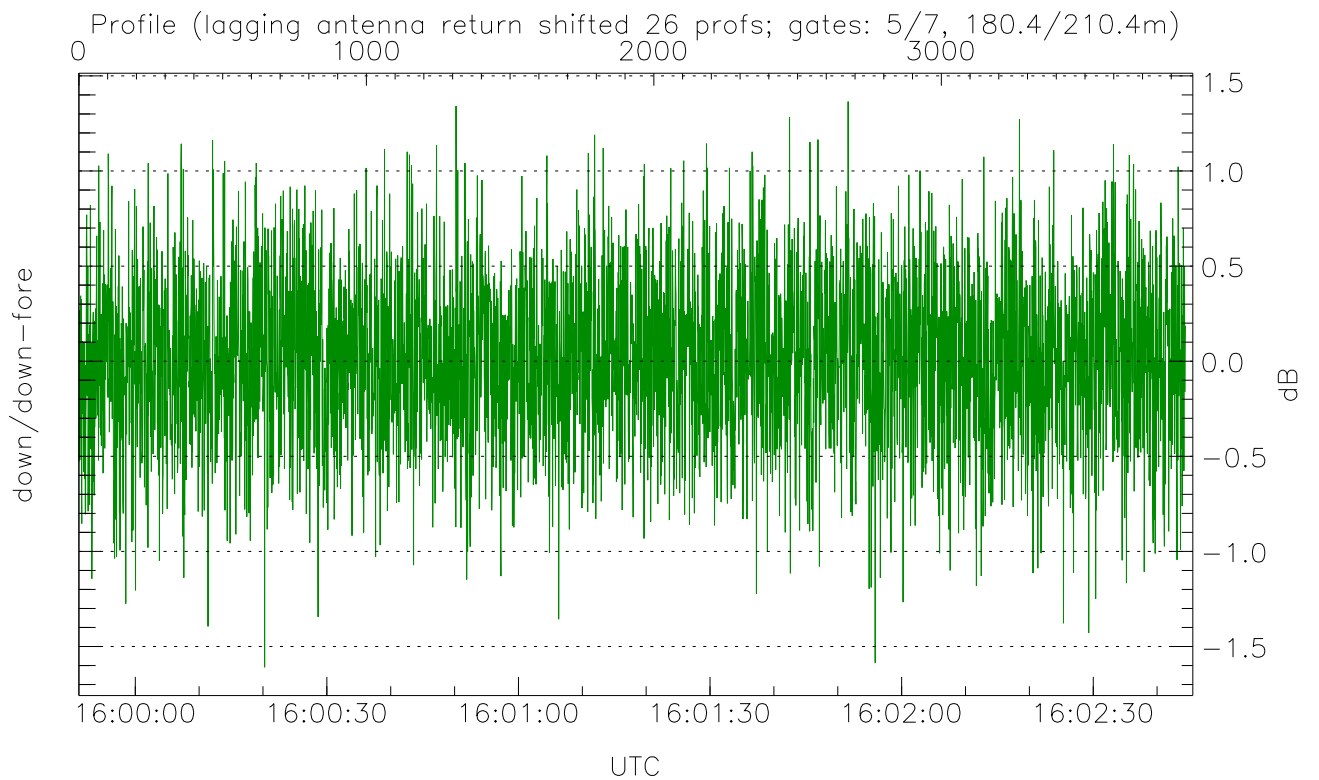
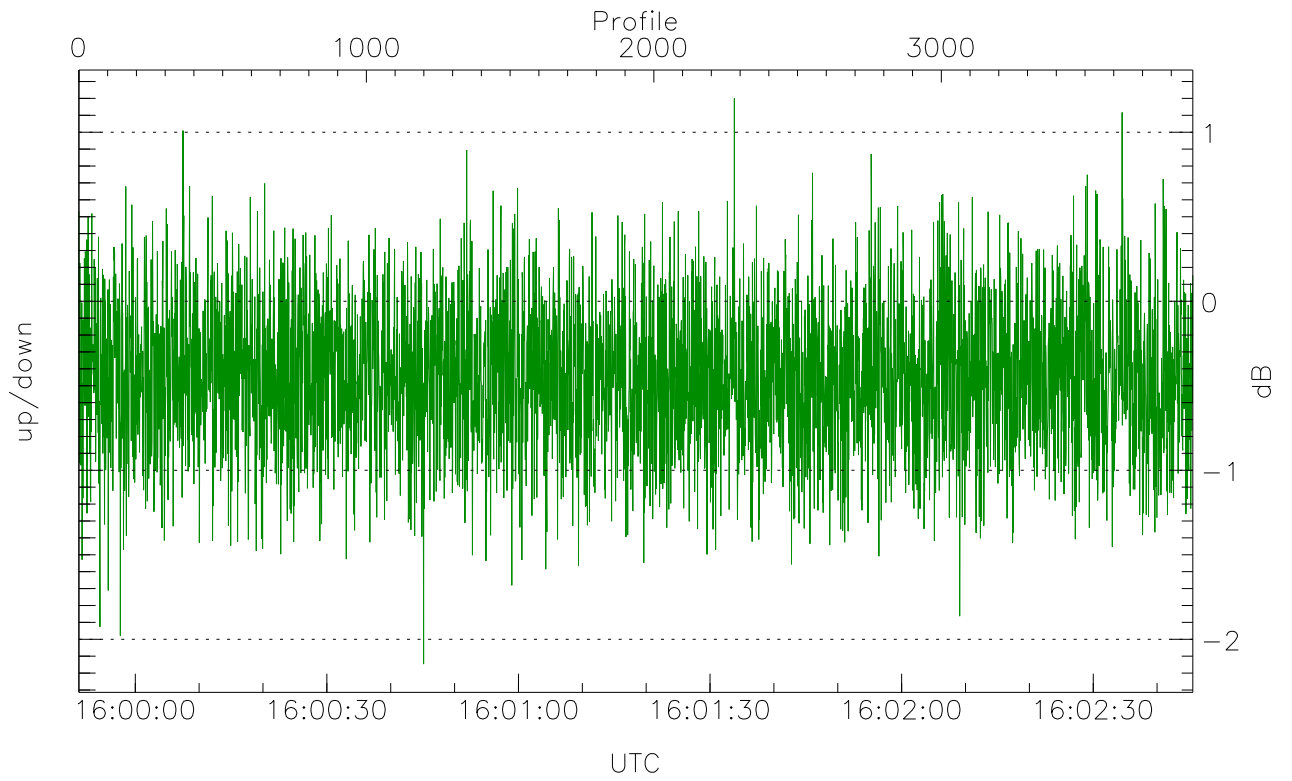


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



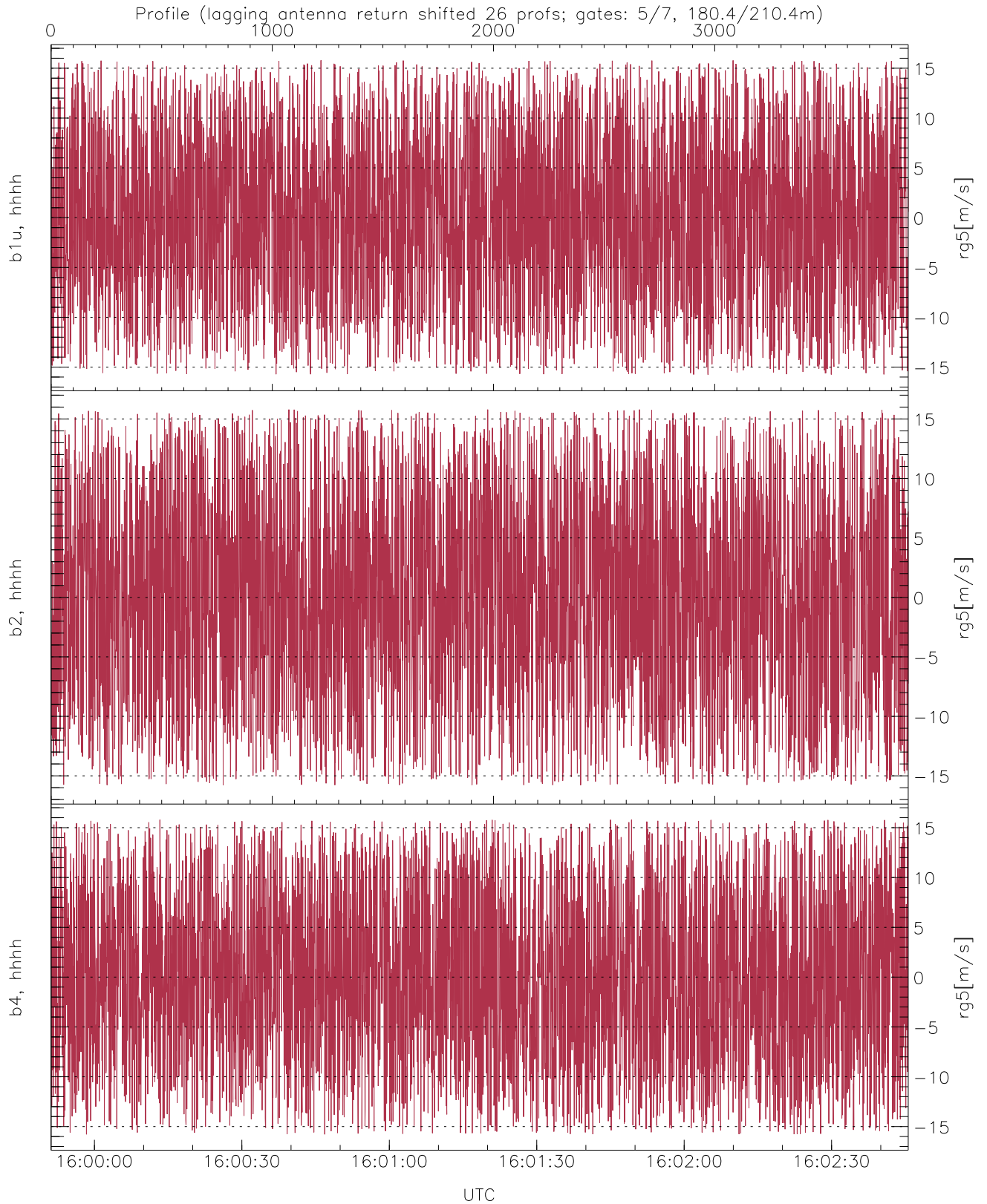
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.37	-64.16	-65.22
down(hh[dBm])	-66.17	-63.61	-64.77
down-fore(hh[dBm])	-65.91	-63.62	-64.79



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

	Min	Max	Mean
up/down (dB)	-2.15	1.20	-0.45
down/down-fore (dB)	-1.61	1.37	0.01



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	0.10	8.50
b2, hhhh(rg5[m/s])	-15.78	15.79	0.07	8.67
b4, hhhh(rg5[m/s])	-15.78	15.79	0.08	8.69