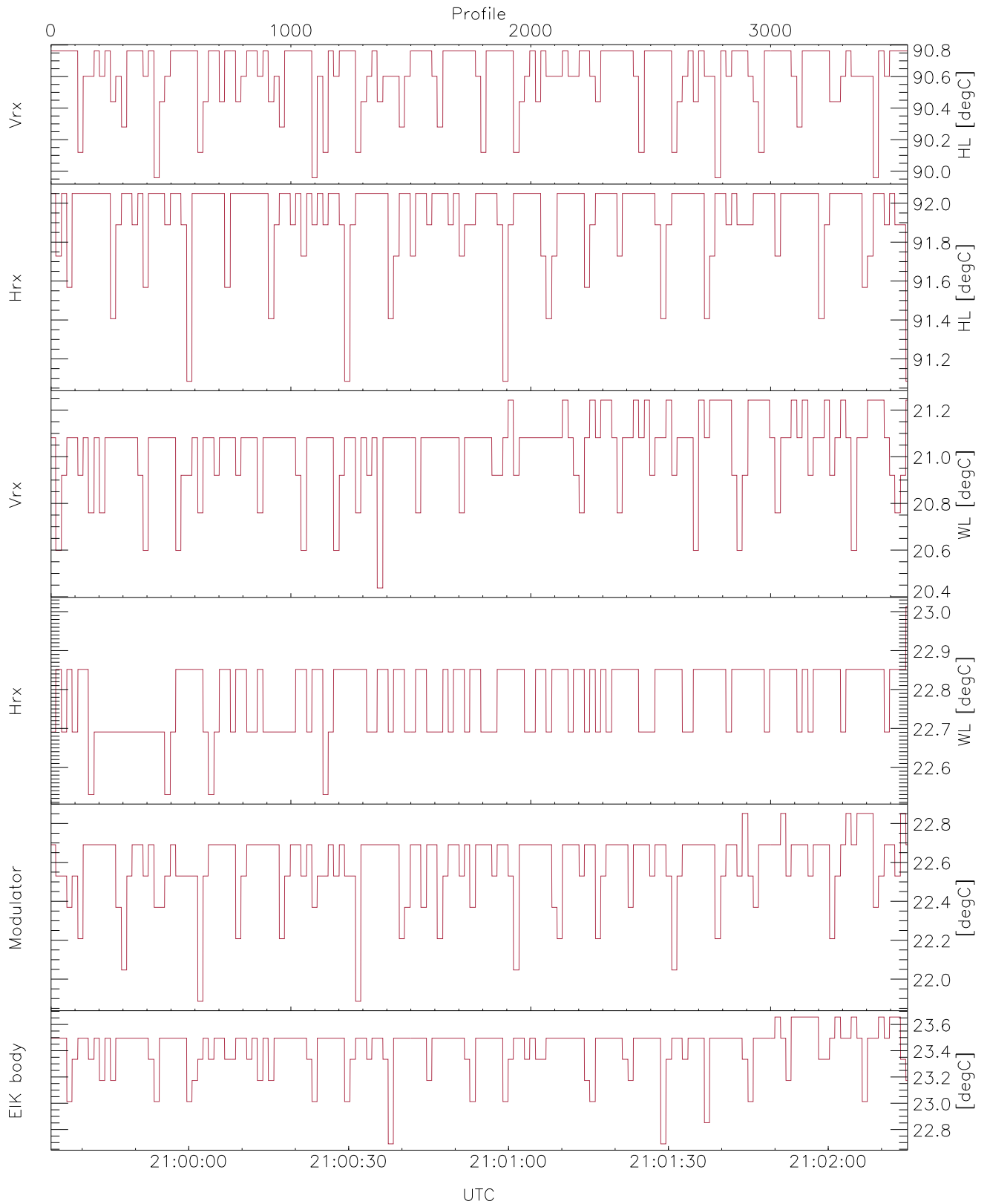


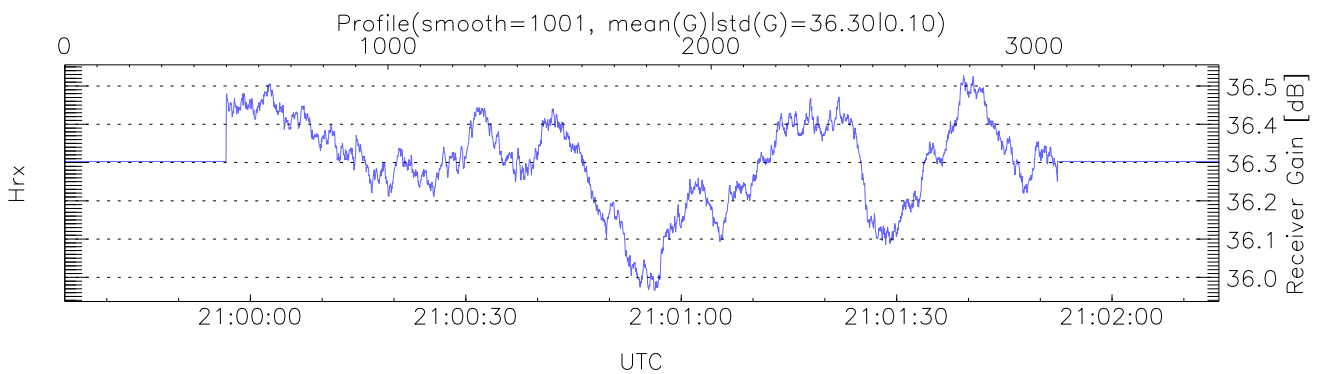
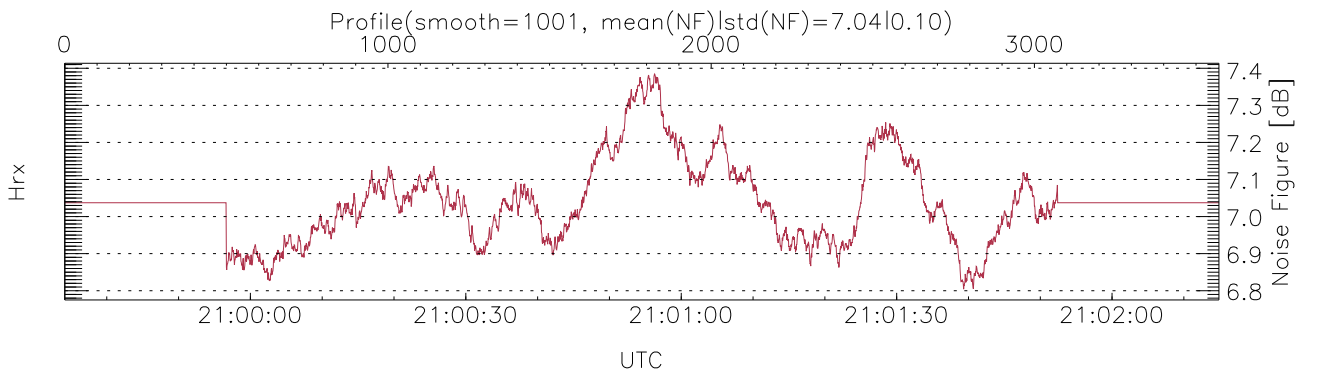
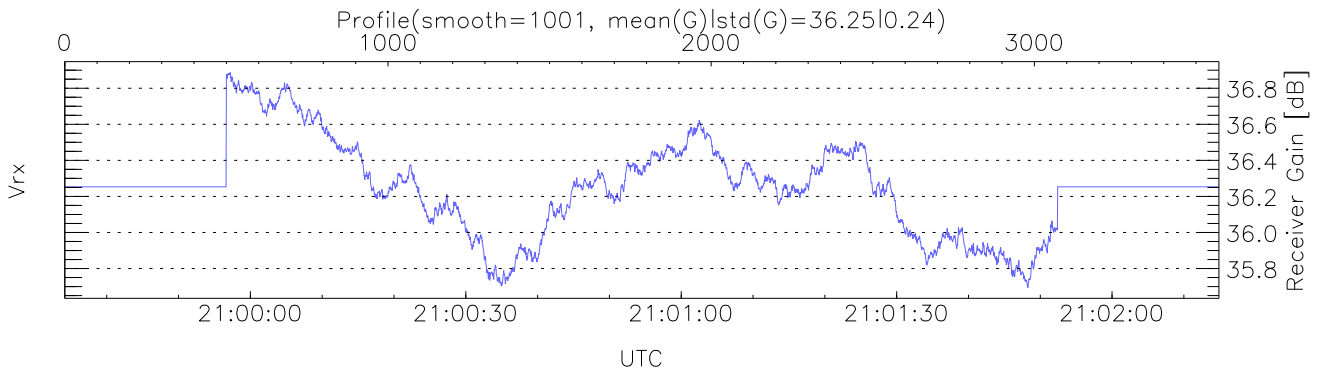
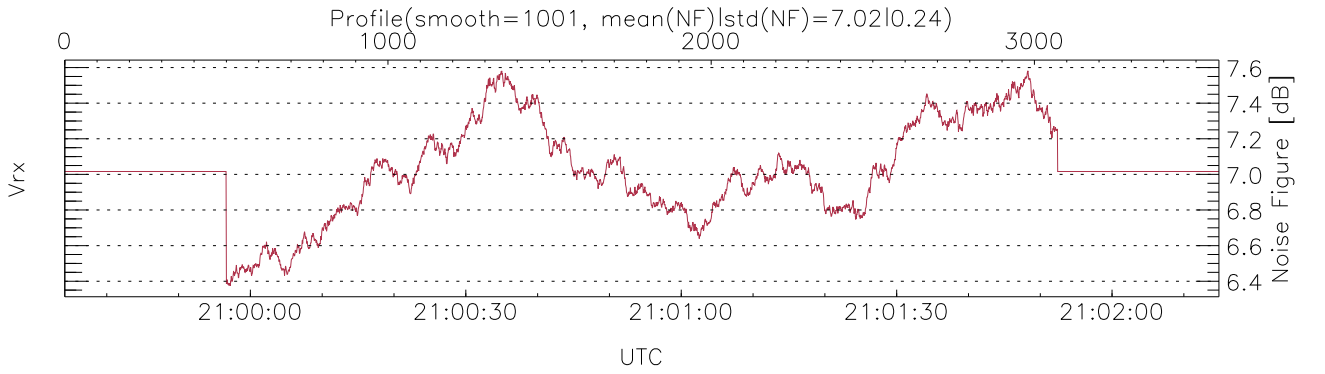
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 20:59:34-21:02:15, TimeCor: 0.00s, Dur: 160.74s
 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): 3572/3572, 0-3571/20:59:34-21:02:15
 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



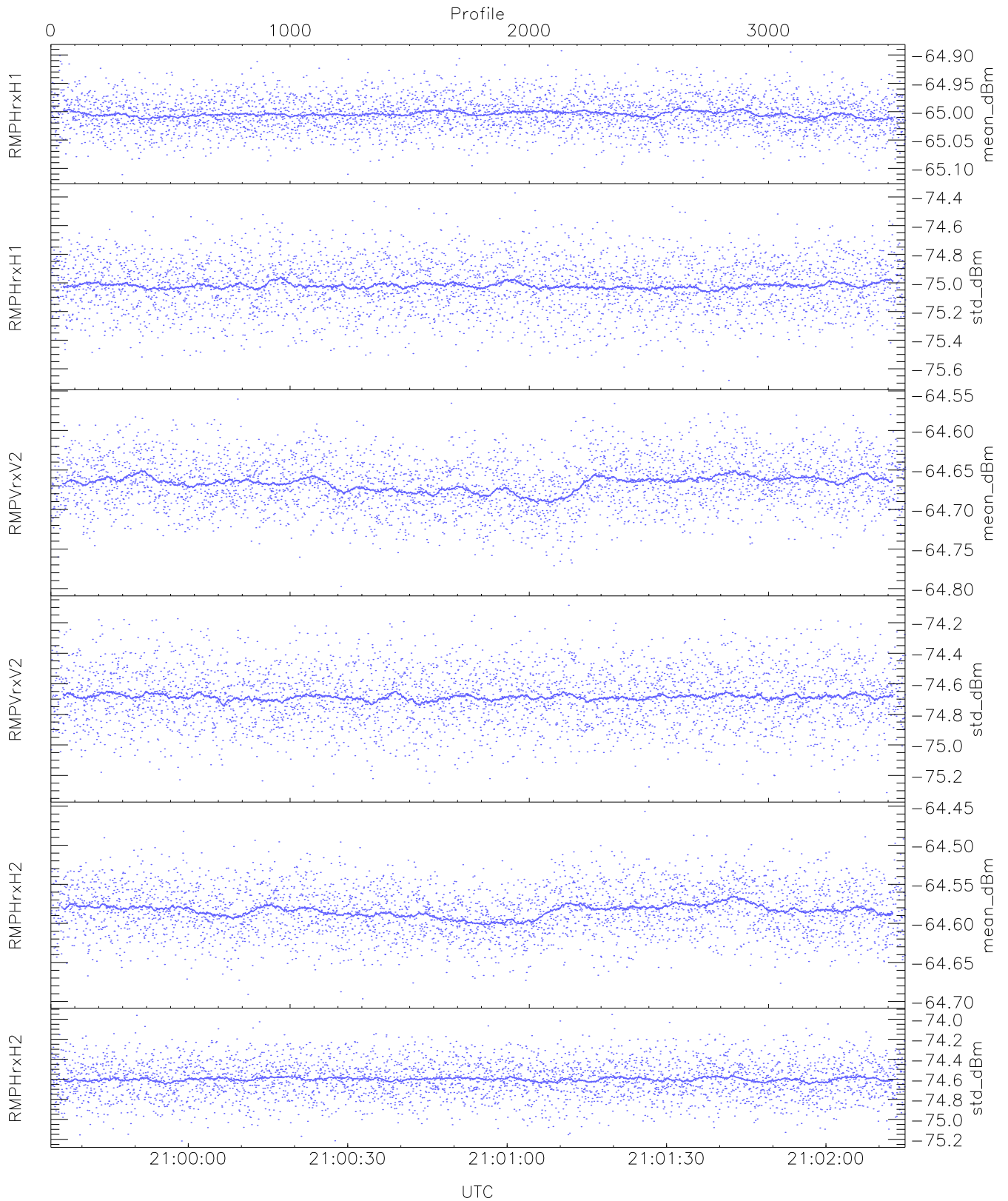
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 89,91,20,22,21,22
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,21,23,22,23
 LOalarm(20,240,2817,14861 MHz): None
 EIK/Modulator Faults: None



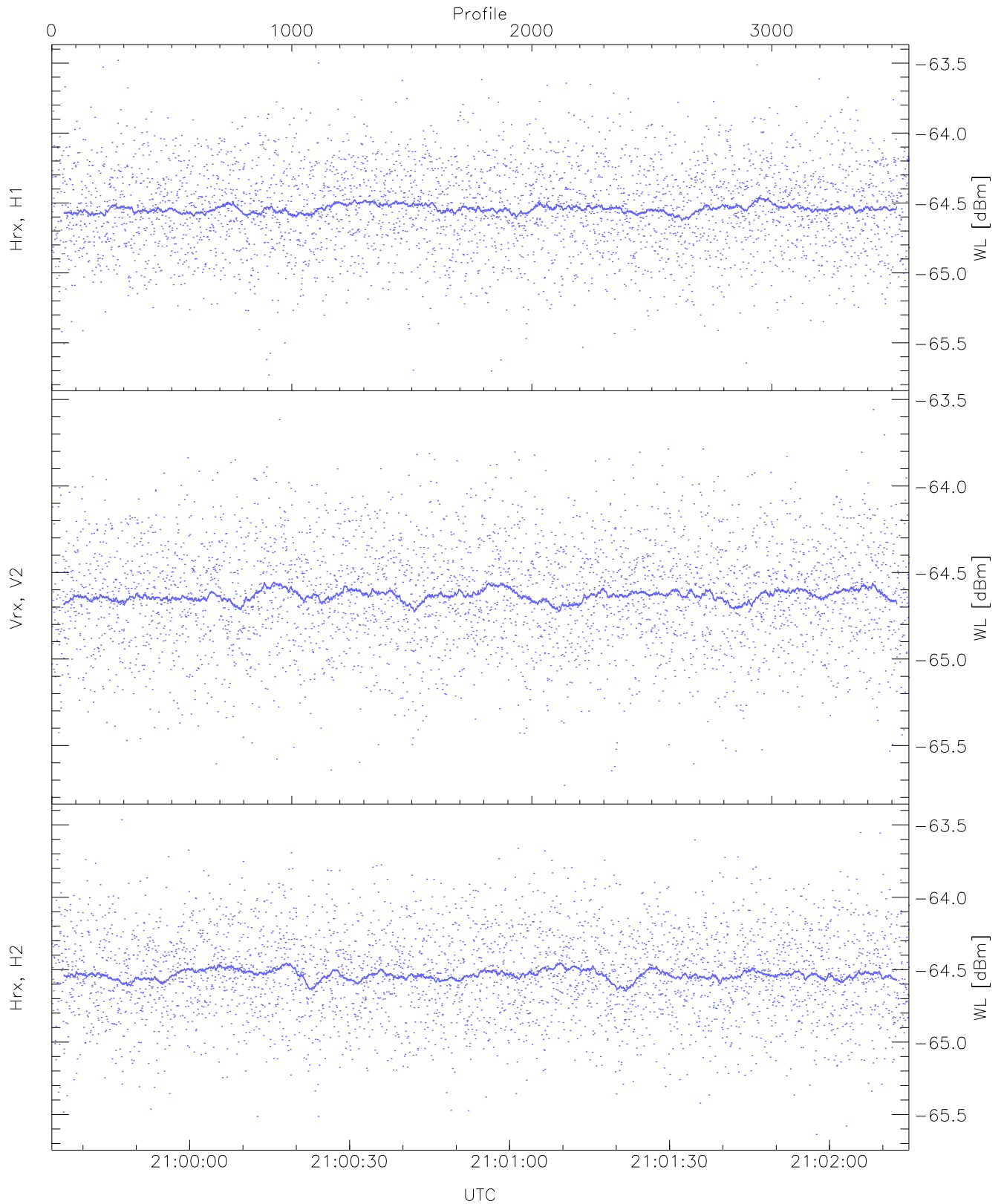
WCR3 CPP Receivers Gain and Noise Figure

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



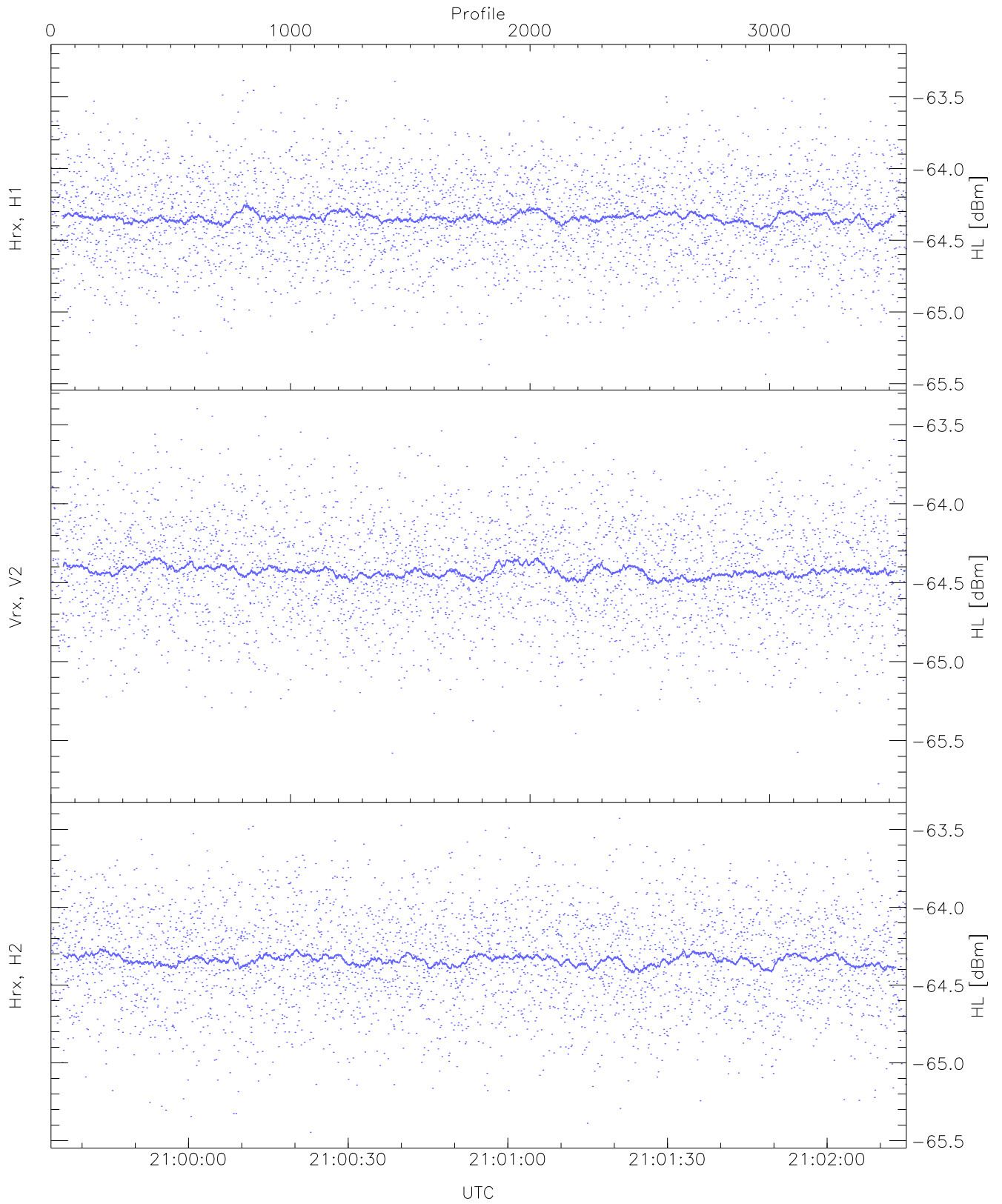
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.12	-64.89	-65.00	-65.00	-86.57
RMPHrxH1(std_dBm)	-75.68	-74.37	-75.02	-75.01	-88.87
RMPVrxV2(mean_dBm)	-64.80	-64.56	-64.67	-64.67	-86.02
RMPVrxV2(std_dBm)	-75.31	-74.09	-74.68	-74.69	-88.42
RMPHrxH2(mean_dBm)	-64.70	-64.46	-64.58	-64.58	-86.09
RMPHrxH2(std_dBm)	-75.22	-73.95	-74.60	-74.60	-88.33



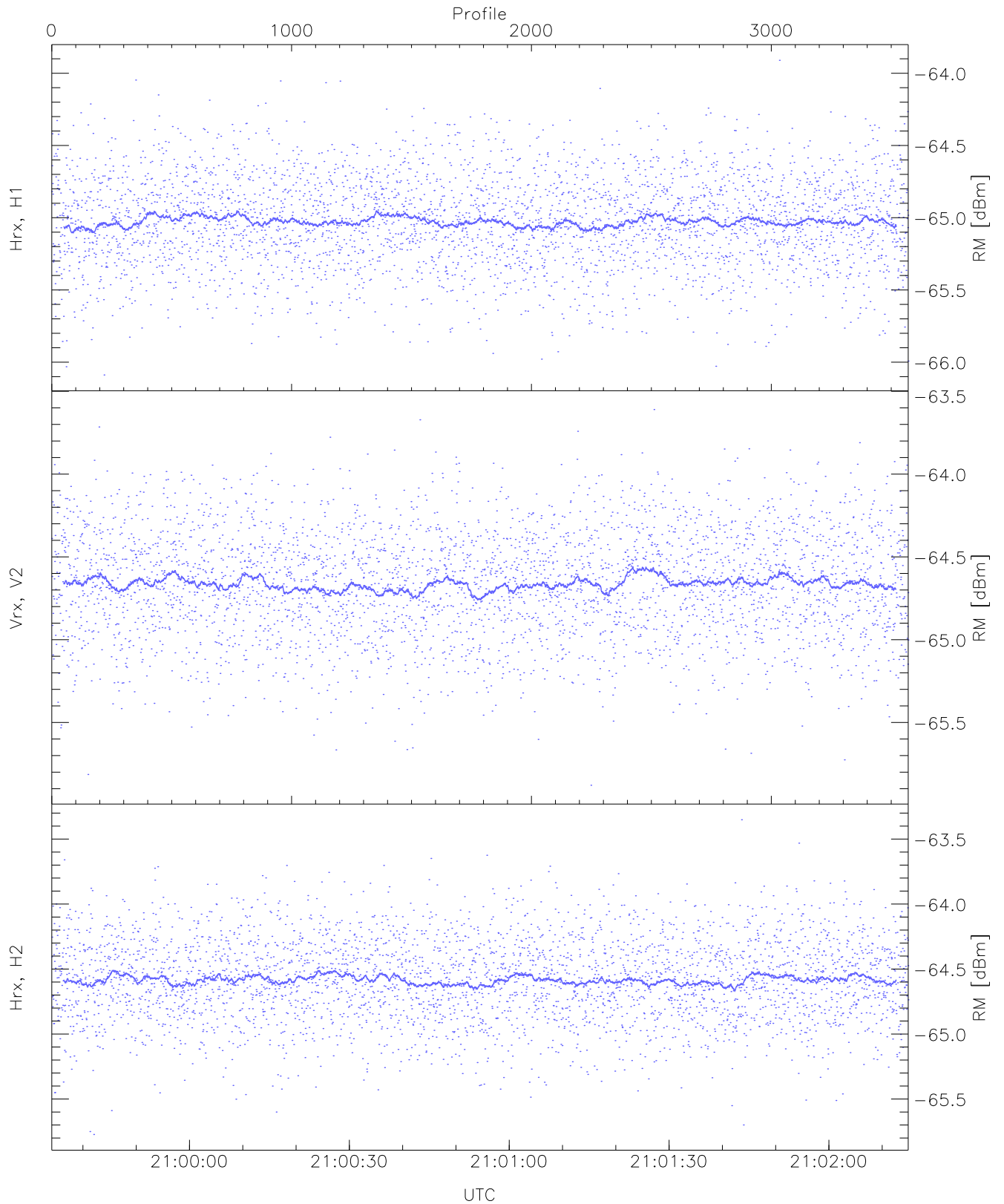
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-65.73	-63.48	-64.53	-64.54	-75.97
Vrx, V2(WL [dBm])	-65.73	-63.56	-64.63	-64.63	-76.15
Hrx, H2(WL [dBm])	-65.64	-63.46	-64.53	-64.54	-76.11



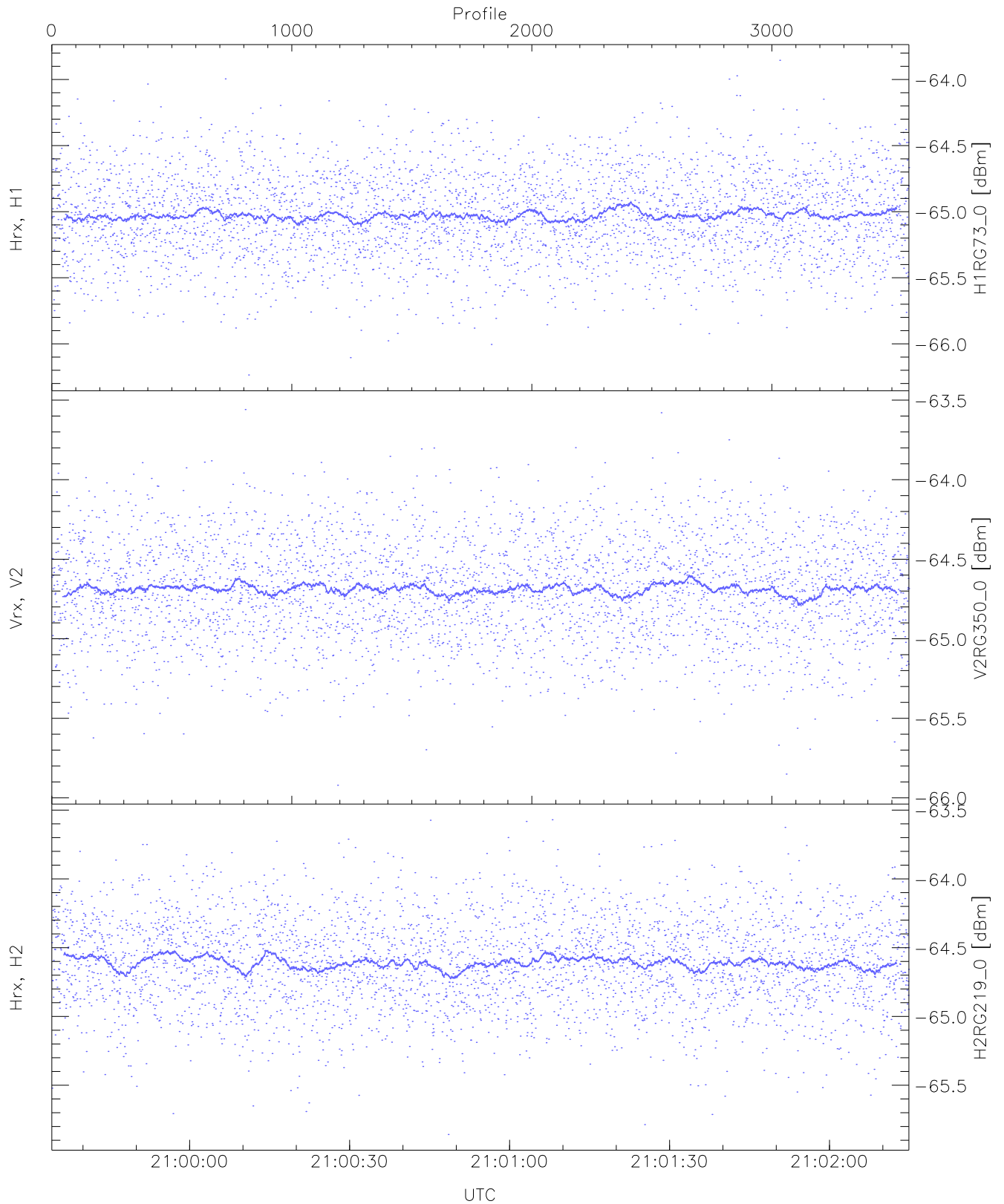
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.43	-63.24	-64.33	-64.34	-75.88
Vrx, V2 (HL [dBm])	-65.77	-63.40	-64.42	-64.43	-75.90
Hrx, H2 (HL [dBm])	-65.45	-63.43	-64.33	-64.33	-75.94



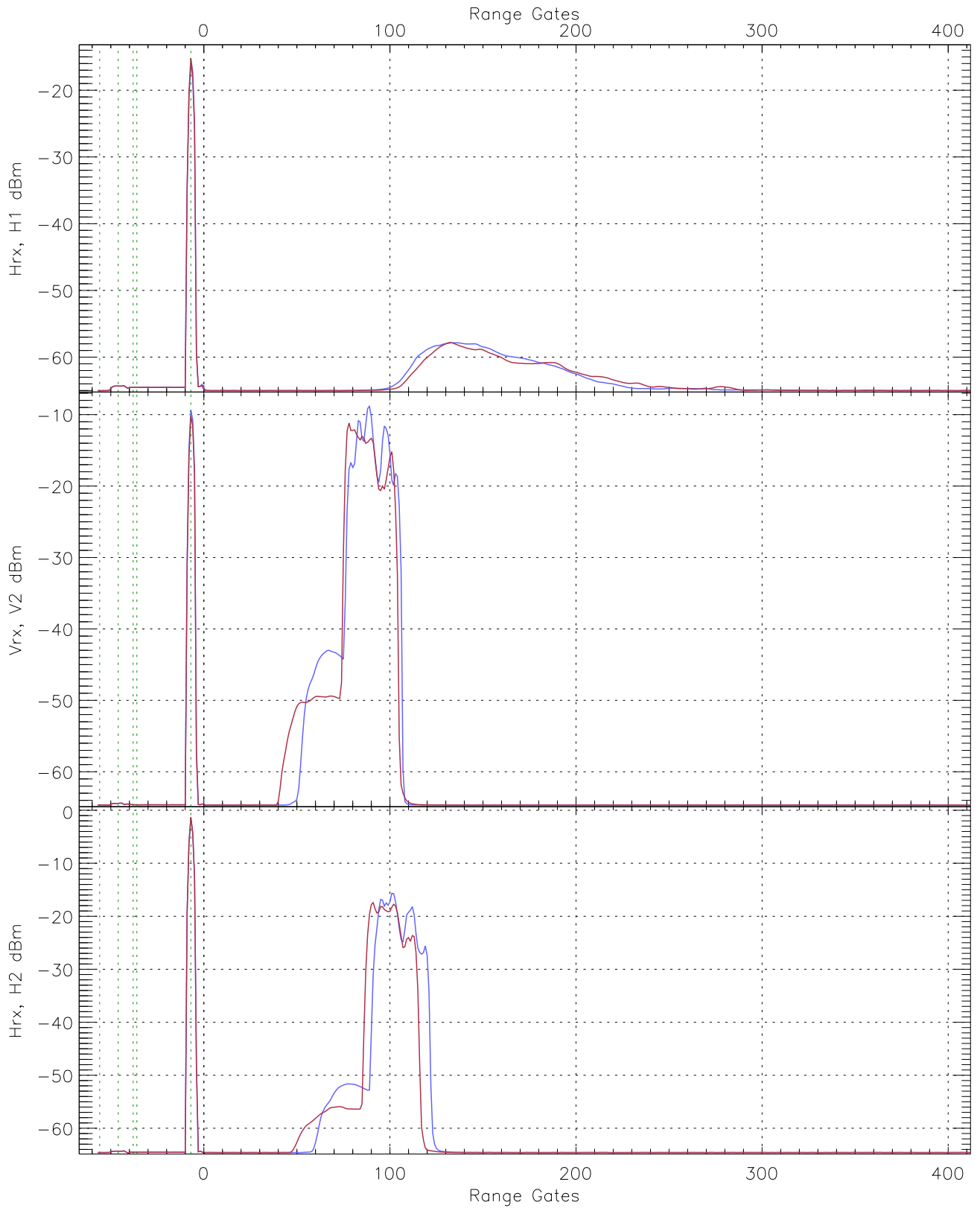
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.09	-63.91	-65.02	-65.03	-76.55
Vrx, V2 (RM [dBm])	-65.88	-63.61	-64.65	-64.66	-76.08
Hrx, H2 (RM [dBm])	-65.77	-63.35	-64.57	-64.58	-76.04

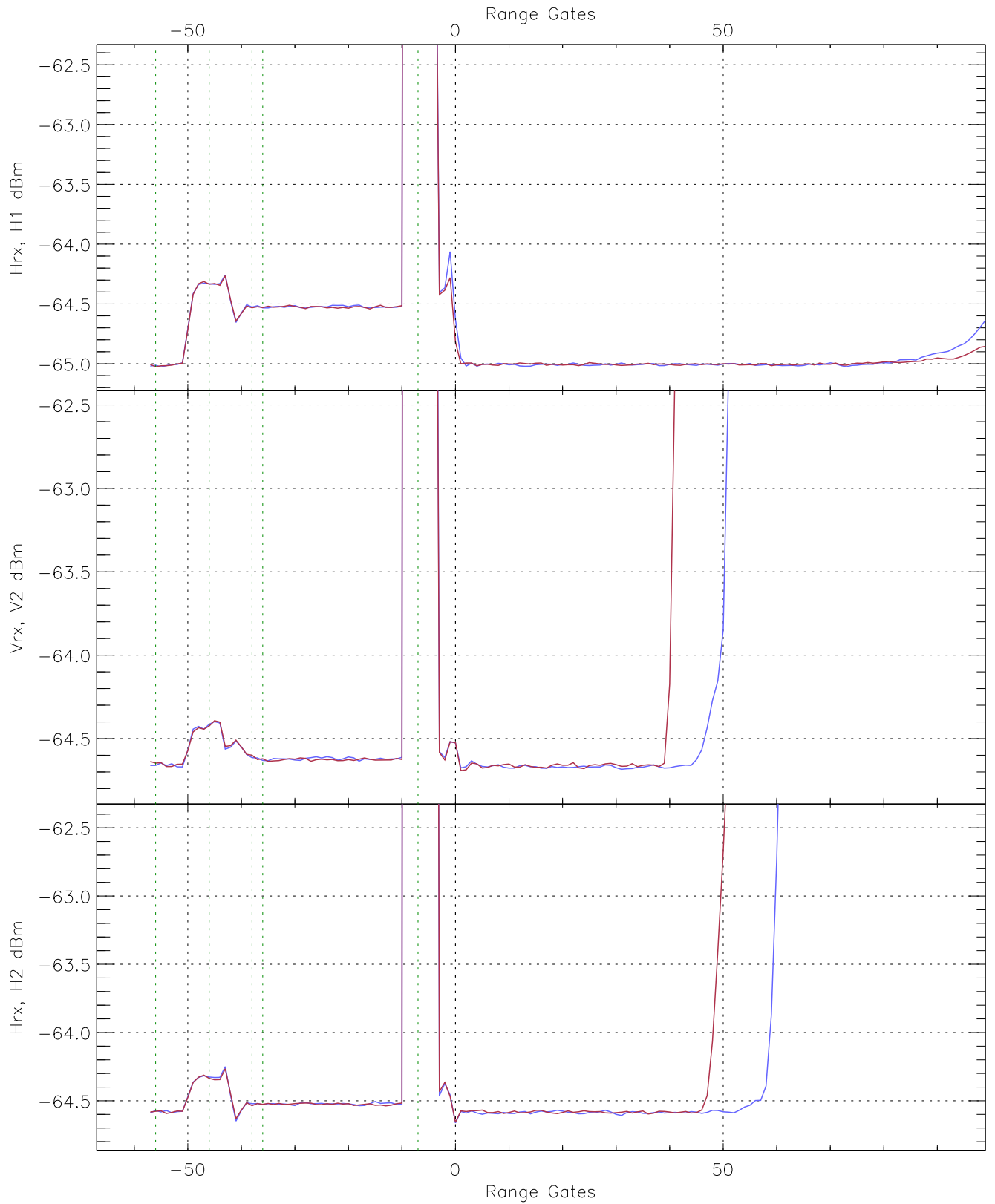


WCR3 CPP "Best" estimate Receivers Noise Power

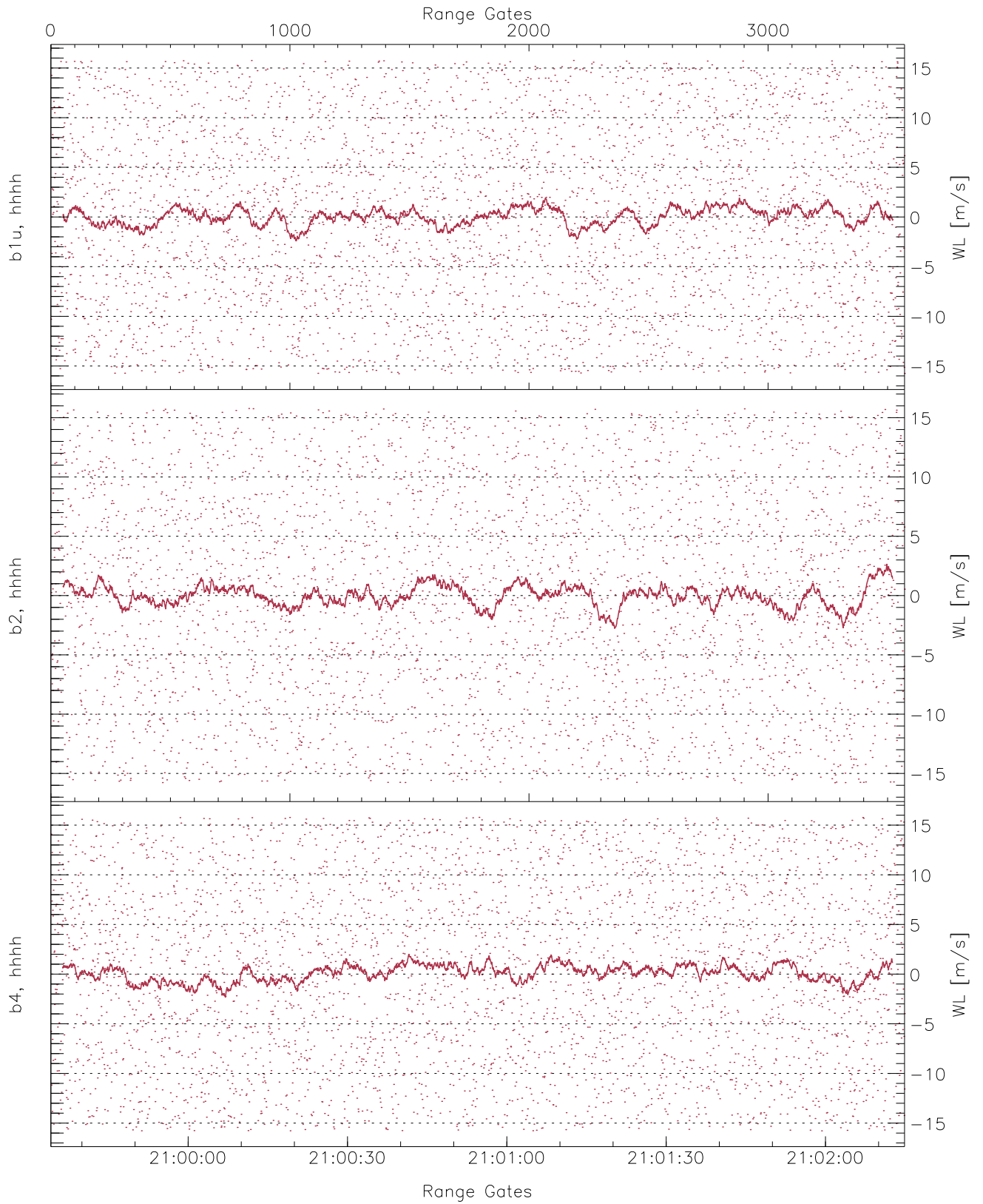
	Min	Max	Mean	Median	StDev
H1RG73_0 [dBm]	-66.24	-63.85	-65.02	-65.03	-76.46
V2RG350_0 [dBm]	-65.92	-63.56	-64.68	-64.69	-76.25
H2RG219_0 [dBm]	-65.86	-63.57	-64.60	-64.61	-76.03



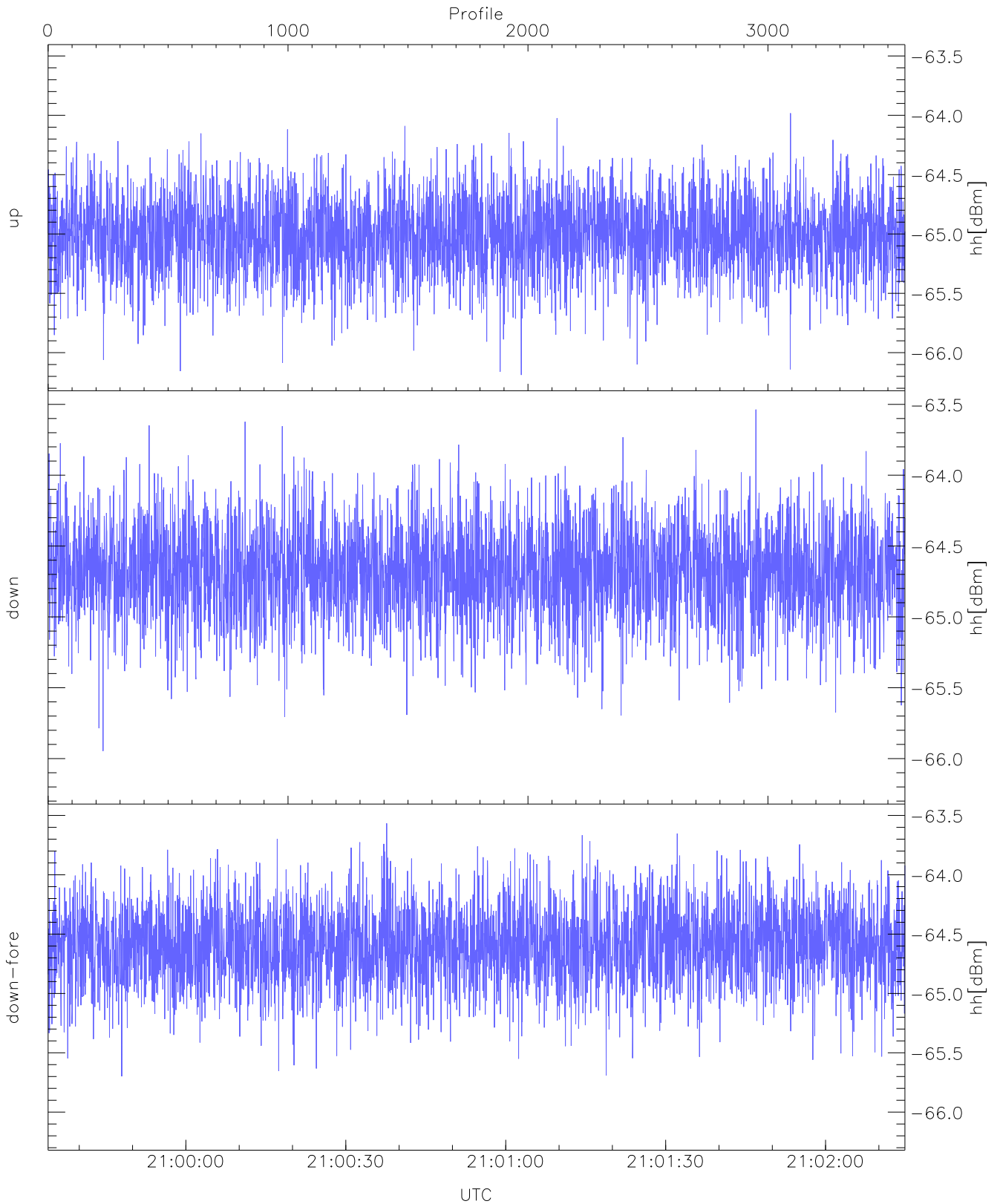
WCR3 CPP Averaged Received power for all recorded gates
blue: 205934-210055, 1787 profiles averaged
red: 210055-210215, 1786 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 205934-210055, 1787 profiles averaged
red: 210055-210215, 1786 profiles averaged

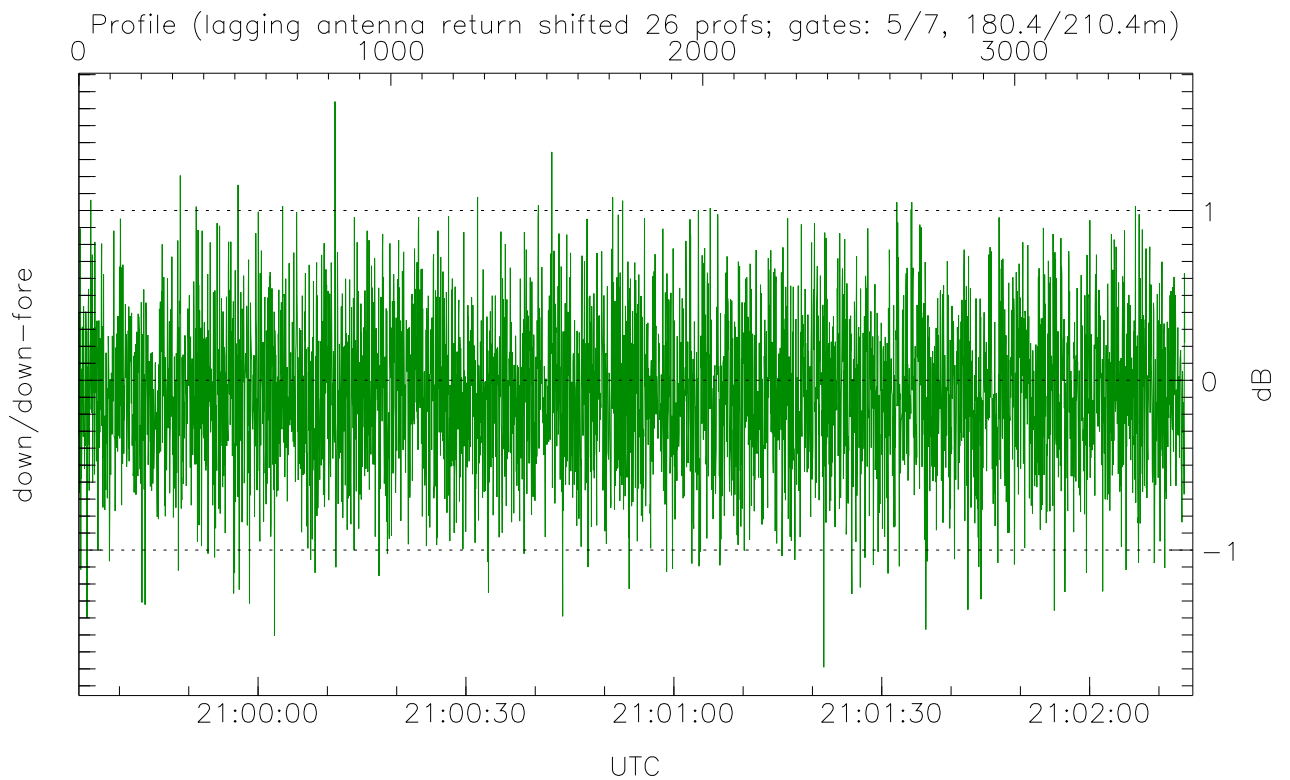
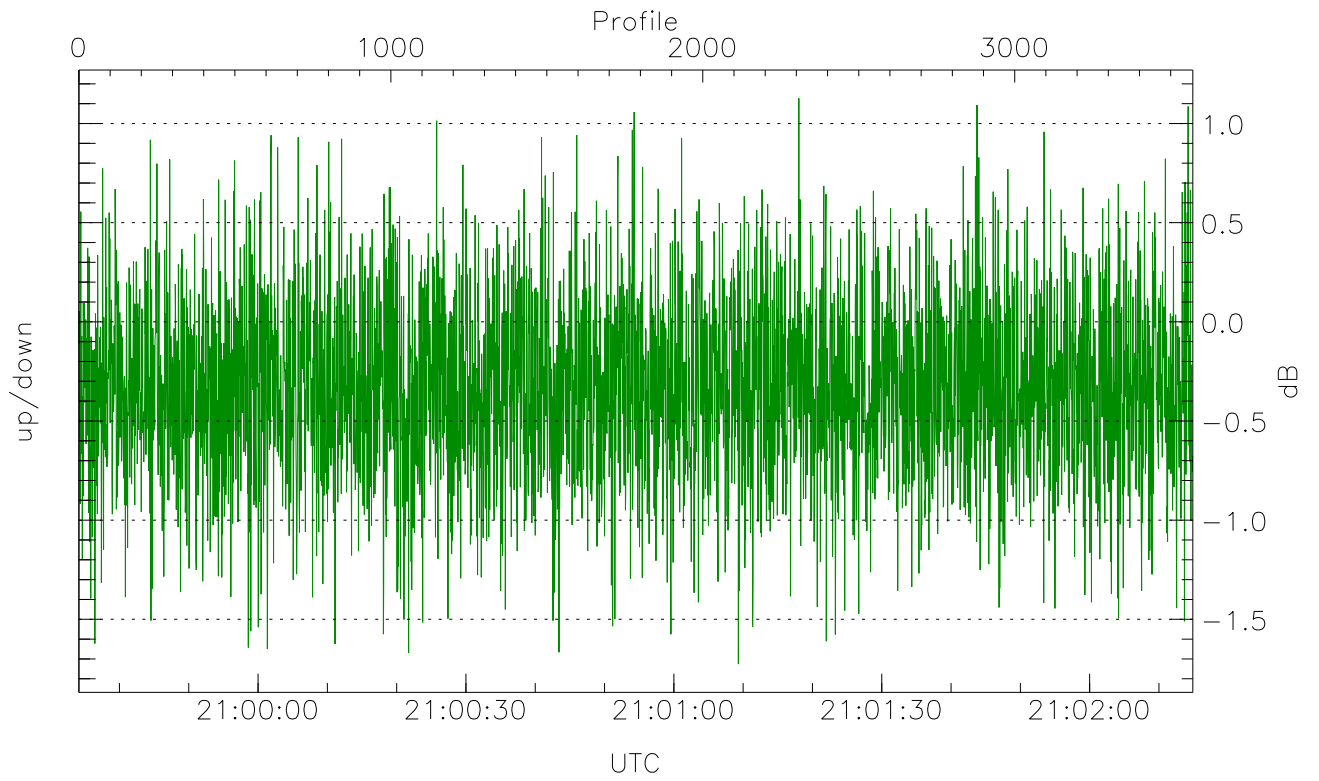


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



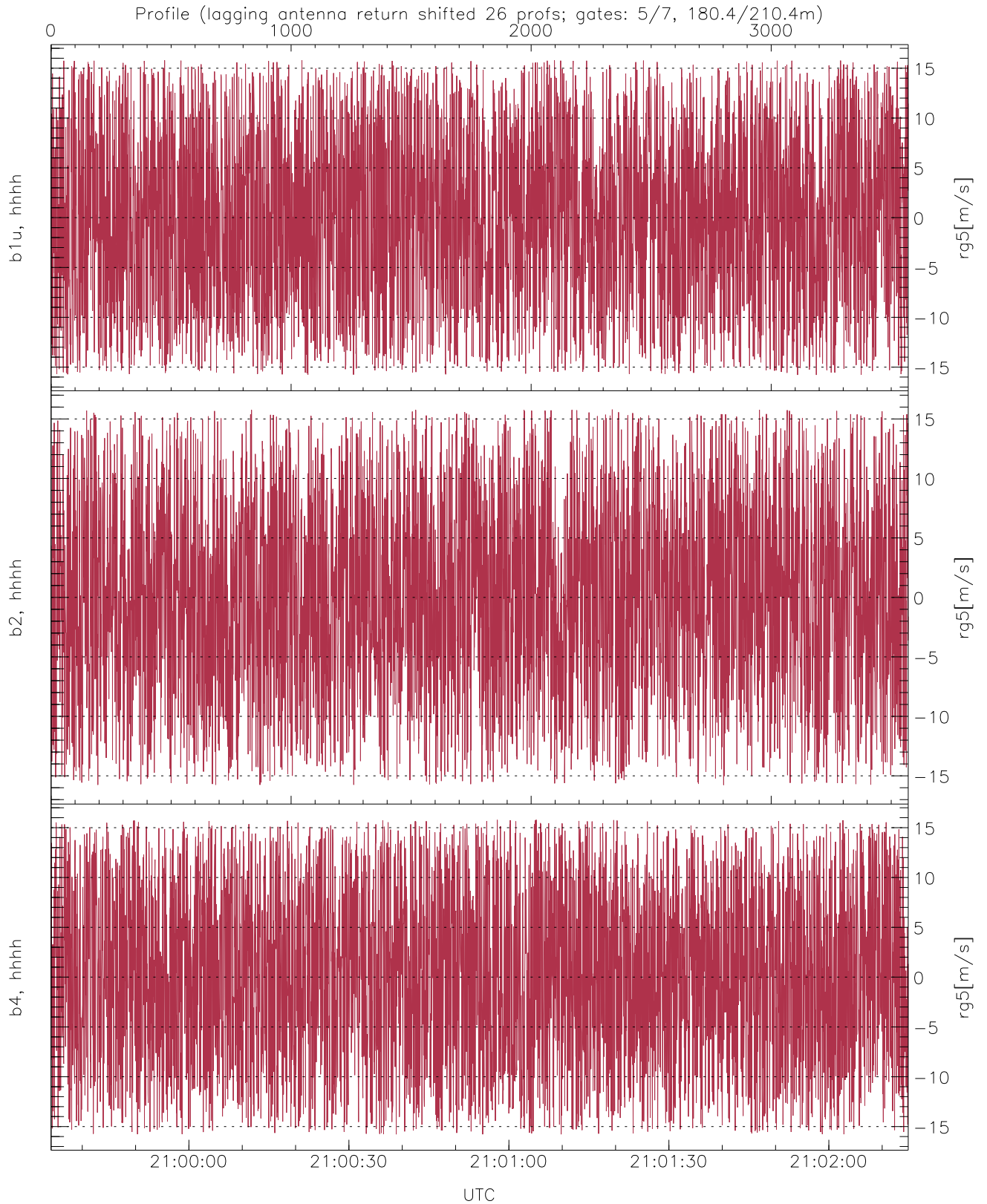
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.19	-63.98	-65.01
down(hh[dBm])	-65.95	-63.54	-64.67
down-fore(hh[dBm])	-65.70	-63.57	-64.58



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

	Min	Max	Mean
up/down (dB)	-1.73	1.13	-0.33
down/down-fore (dB)	-1.69	1.64	-0.08



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	0.06	8.92
b2, hhhh(rg5[m/s])	-15.77	15.79	0.06	8.42
b4, hhhh(rg5[m/s])	-15.78	15.79	0.13	8.94