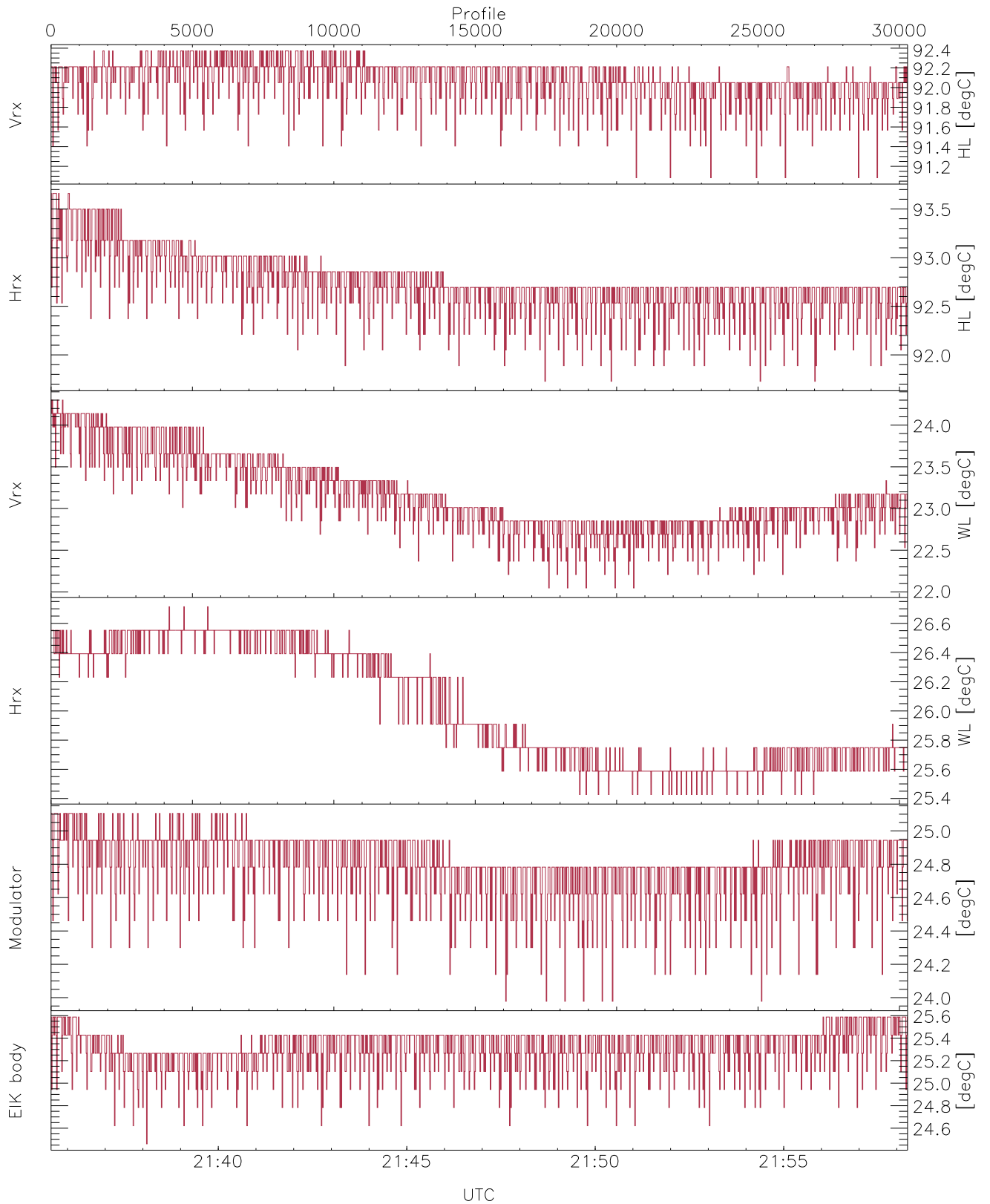


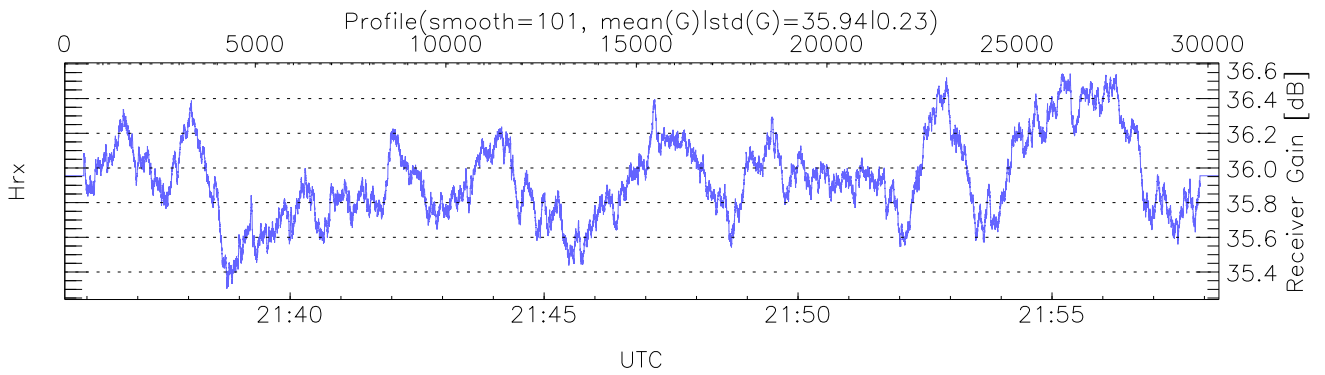
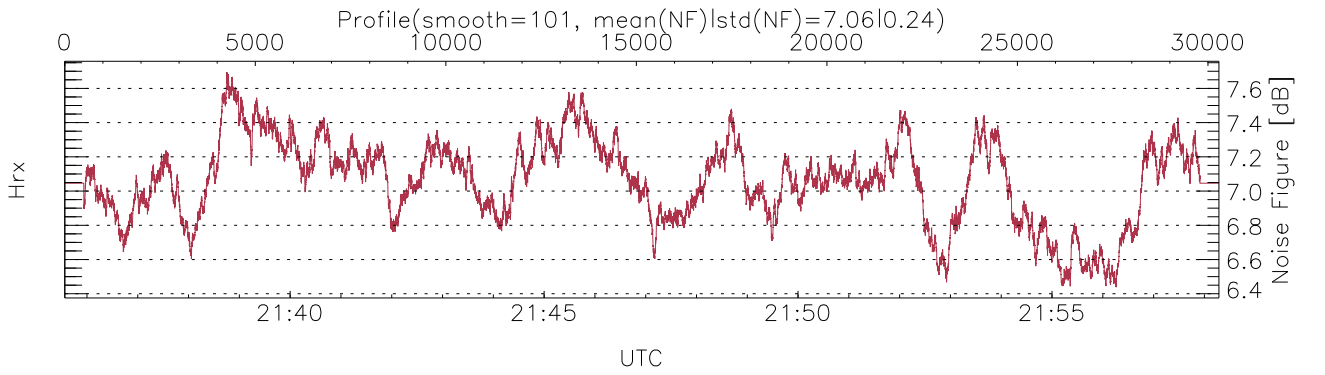
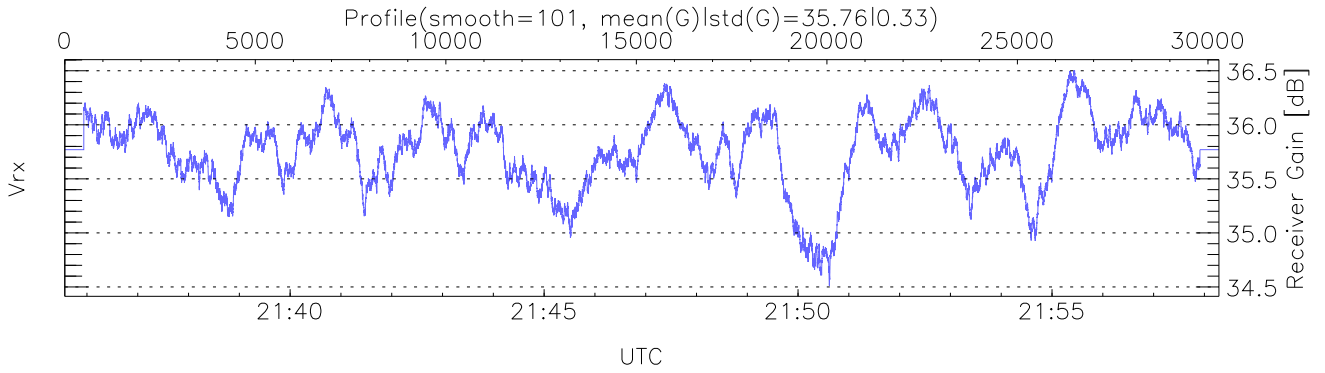
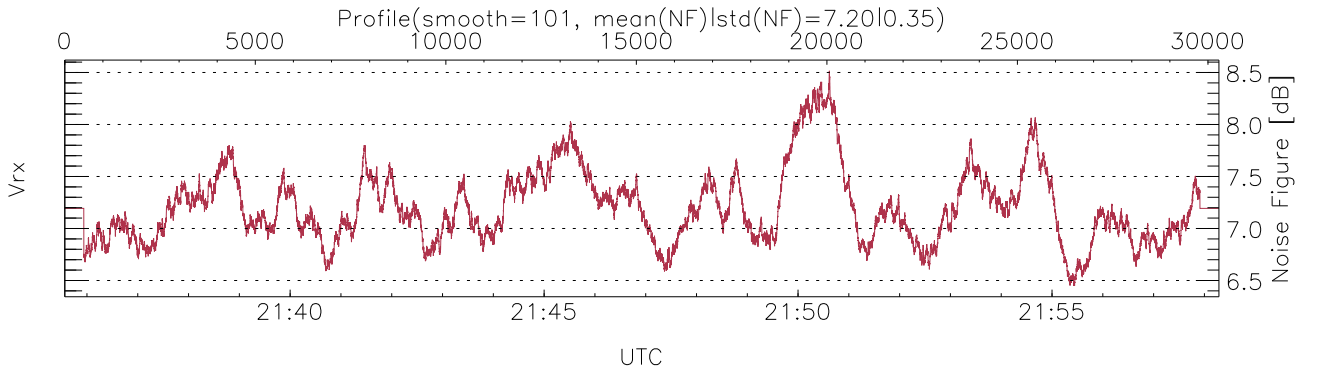
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 21:35:34-21:58:17, TimeCor: 0.00s, Dur: 1363.35s
 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): 30290/30290, 0-30289/21:35:34-21:58:17
 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



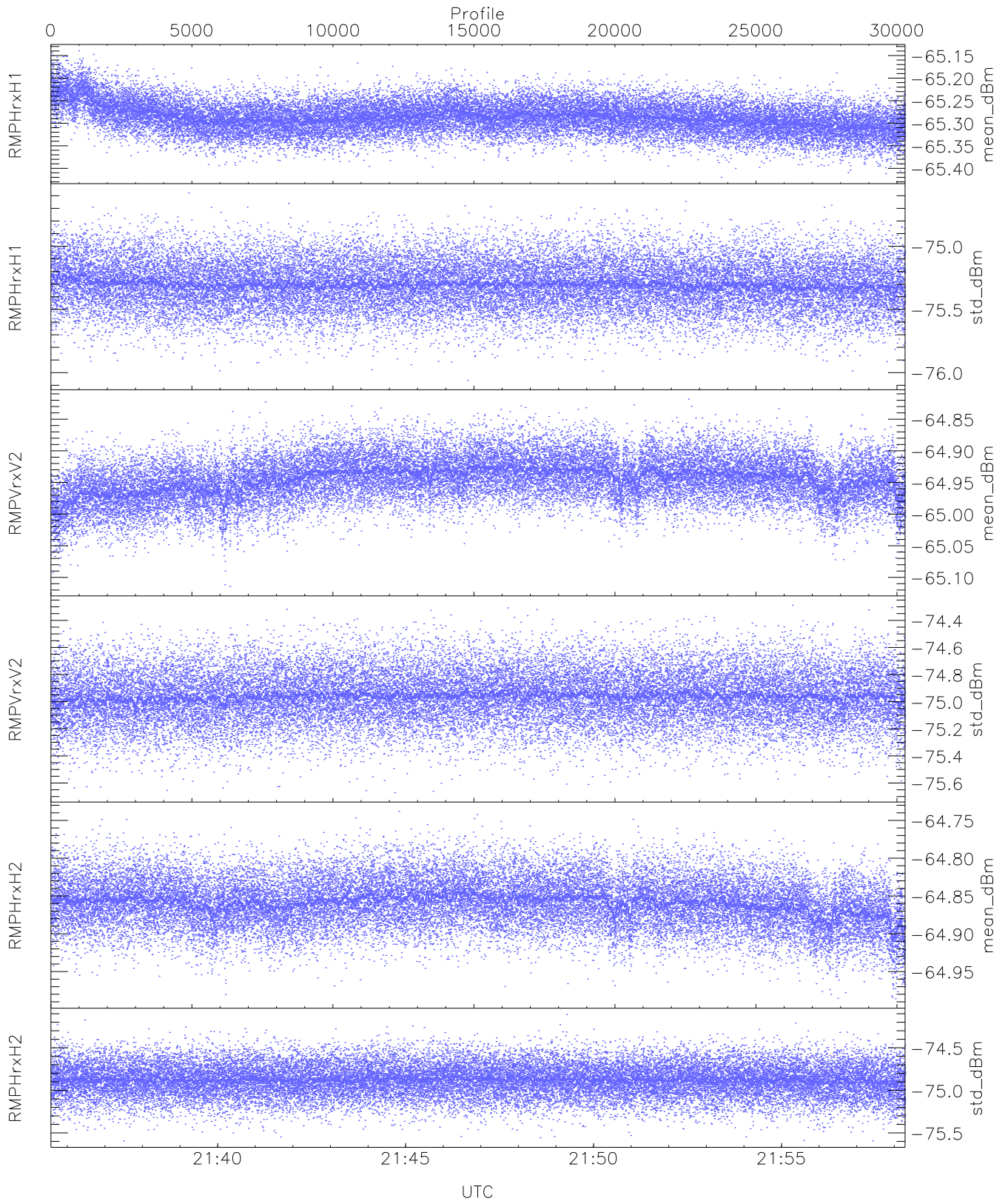
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,91,22,25,23,24
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,24,26,25,25
 LOalarm(20,240,2817,14861 MHz): None
 EIK/Modulator Faults: None



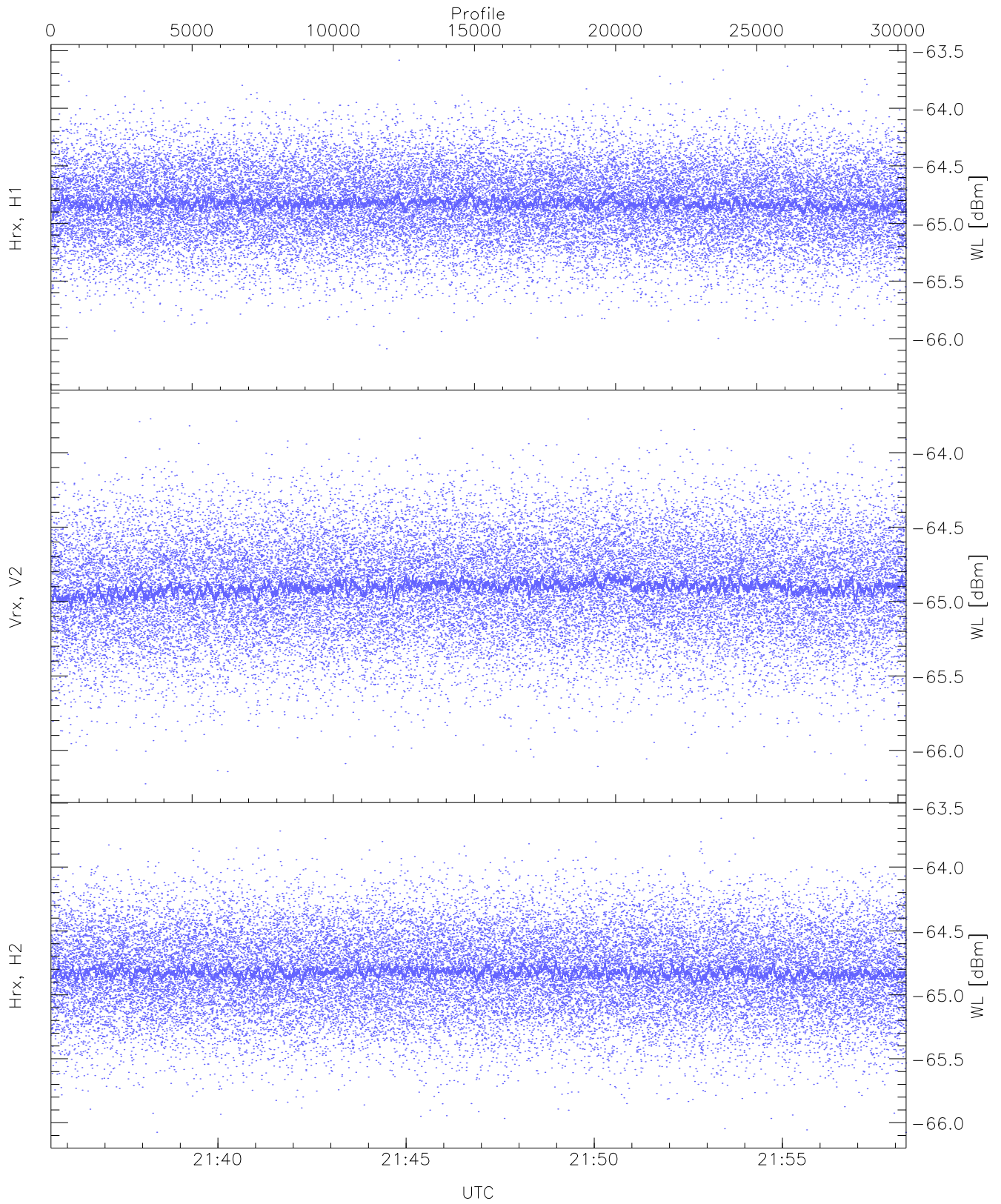
WCR3 CPP Receivers Gain and Noise Figure

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



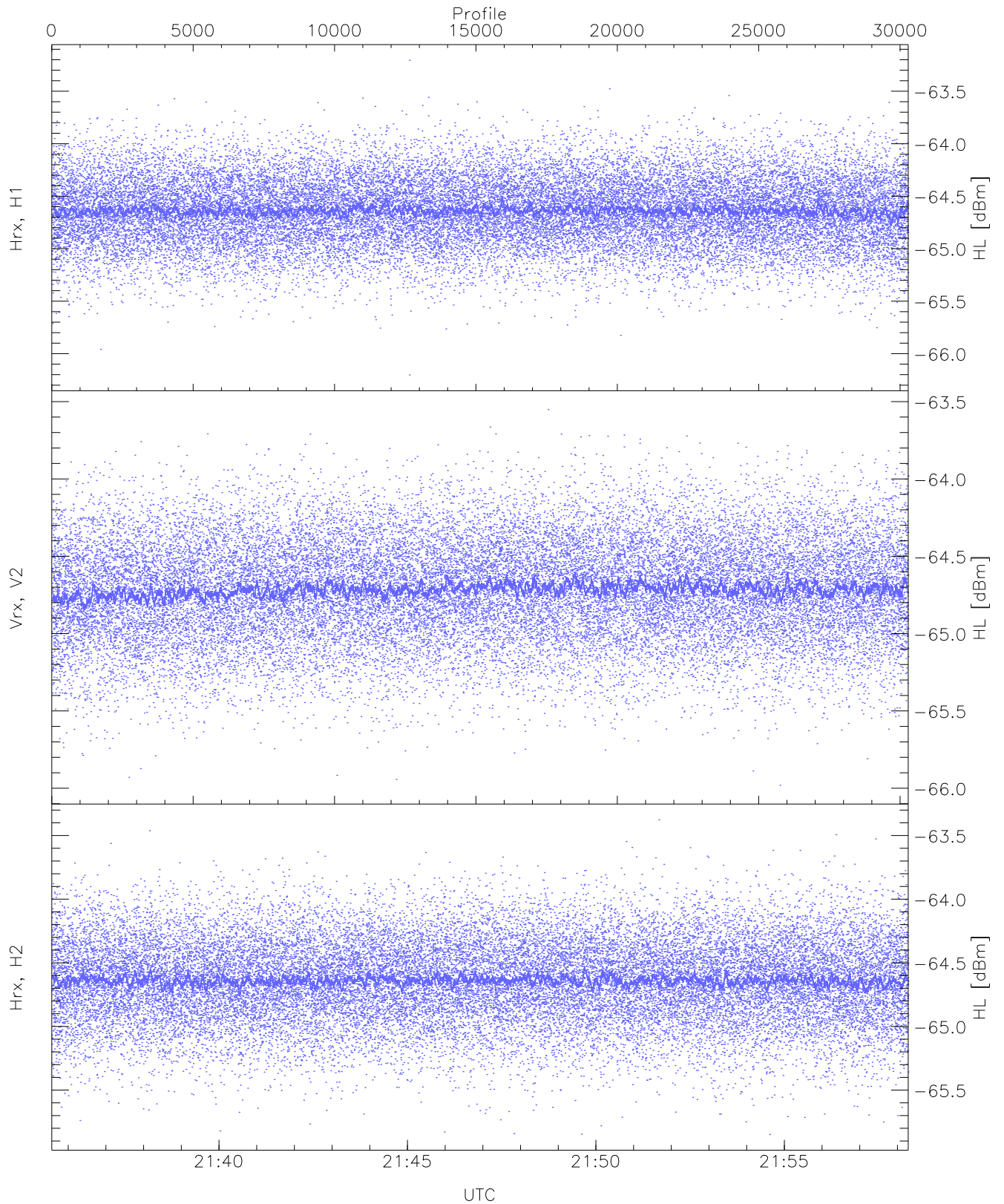
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.42	-65.14	-65.29	-65.29	-86.35
RMPHrxH1(std_dBm)	-76.06	-74.58	-75.30	-75.30	-89.07
RMPVrxV2(mean_dBm)	-65.11	-64.82	-64.95	-64.95	-85.94
RMPVrxV2(std_dBm)	-75.67	-74.29	-74.96	-74.96	-88.70
RMPHrxH2(mean_dBm)	-64.99	-64.74	-64.86	-64.86	-86.27
RMPHrxH2(std_dBm)	-75.60	-74.11	-74.88	-74.88	-88.66



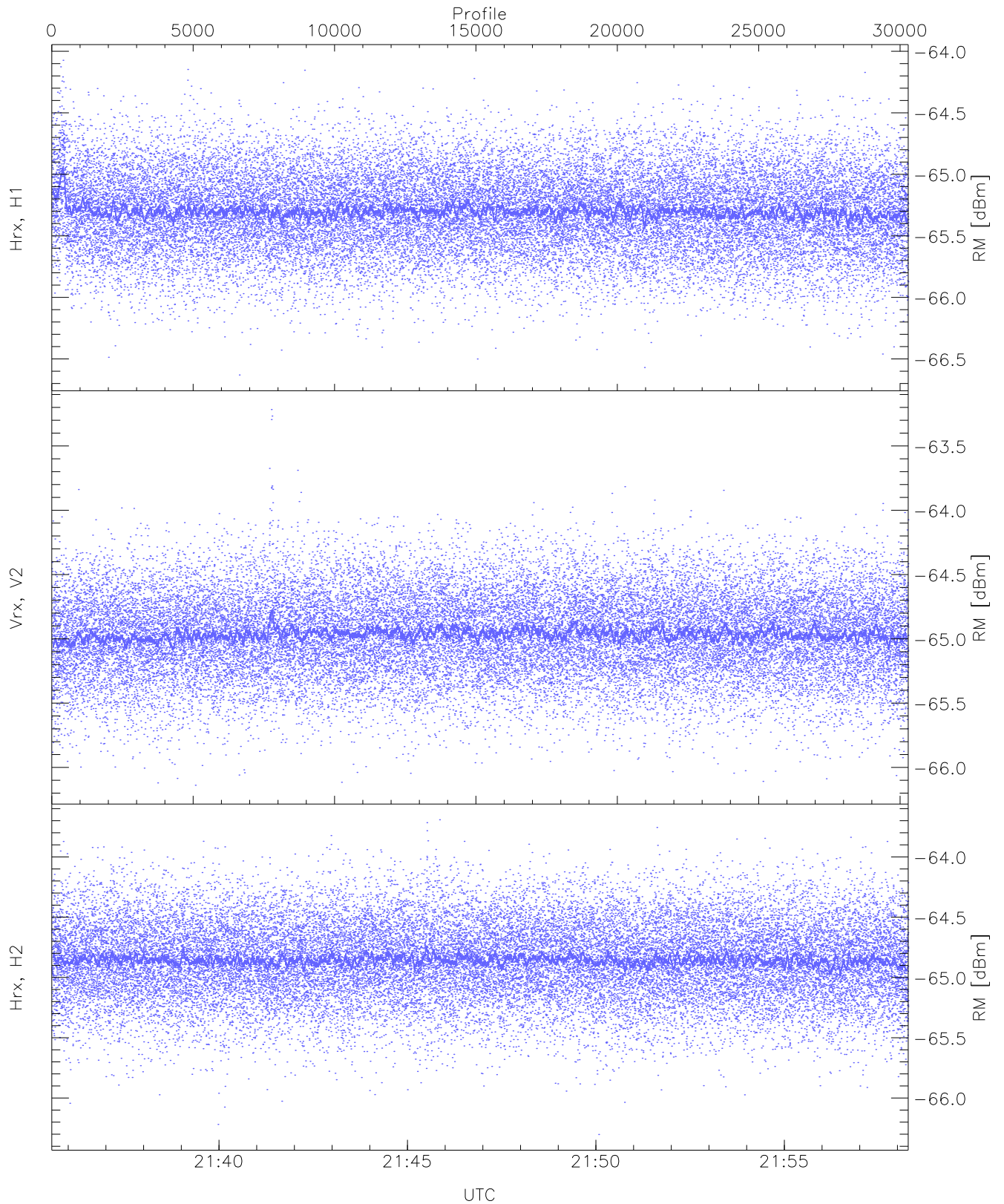
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.31	-63.58	-64.82	-64.83	-76.31
Vrx, V2 (WL [dBm])	-66.22	-63.71	-64.90	-64.90	-76.39
Hrx, H2 (WL [dBm])	-66.08	-63.62	-64.82	-64.83	-76.32



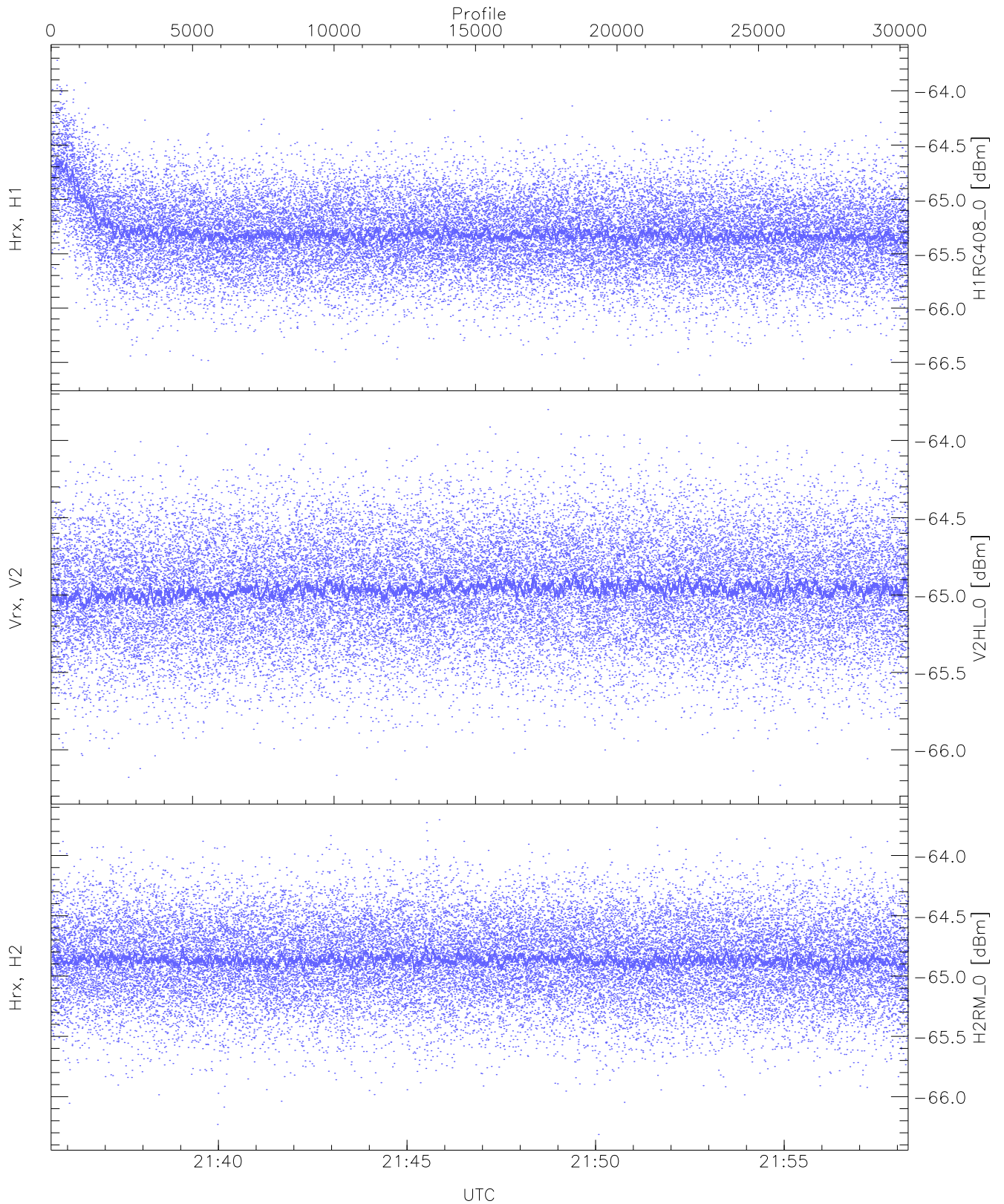
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.20	-63.21	-64.63	-64.64	-76.15
Vrx, V2 (HL [dBm])	-65.98	-63.55	-64.71	-64.72	-76.21
Hrx, H2 (HL [dBm])	-65.85	-63.38	-64.63	-64.64	-76.15



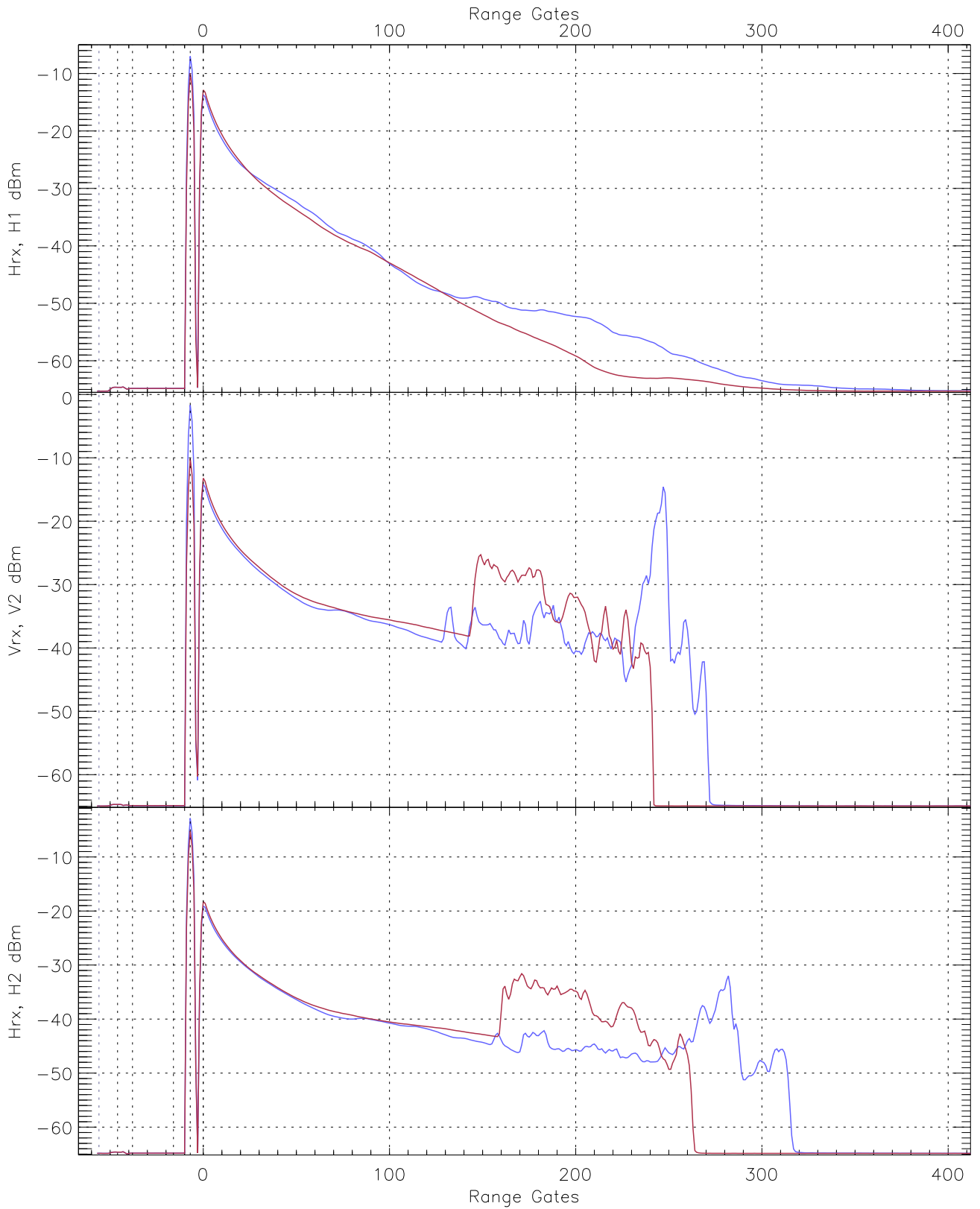
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.63	-64.07	-65.29	-65.30	-76.75
Vrx, V2 (RM [dBm])	-66.14	-63.22	-64.96	-64.97	-76.43
Hrx, H2 (RM [dBm])	-66.30	-63.69	-64.85	-64.86	-76.35

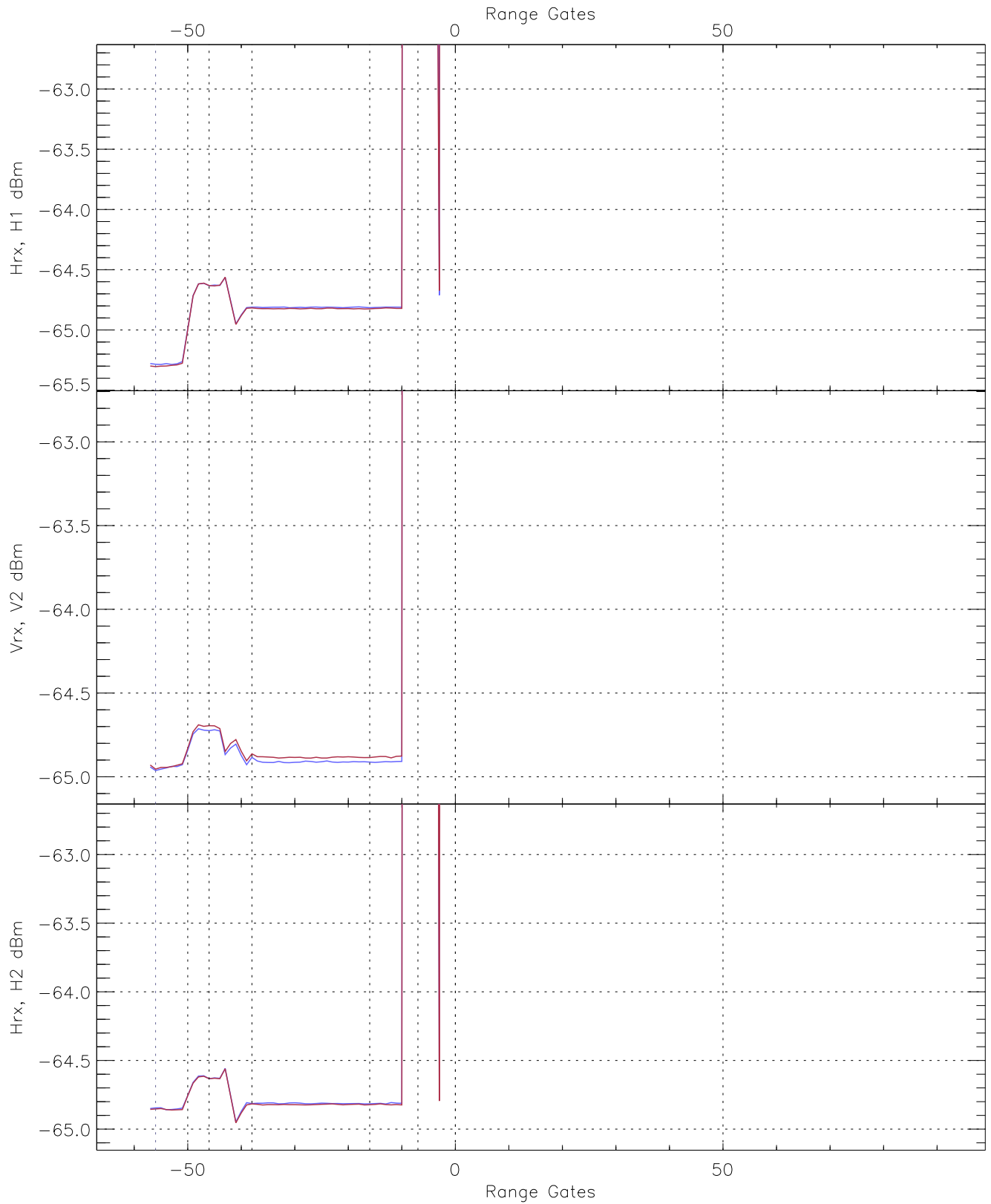


WCR3 CPP "Best" estimate Receivers Noise Power

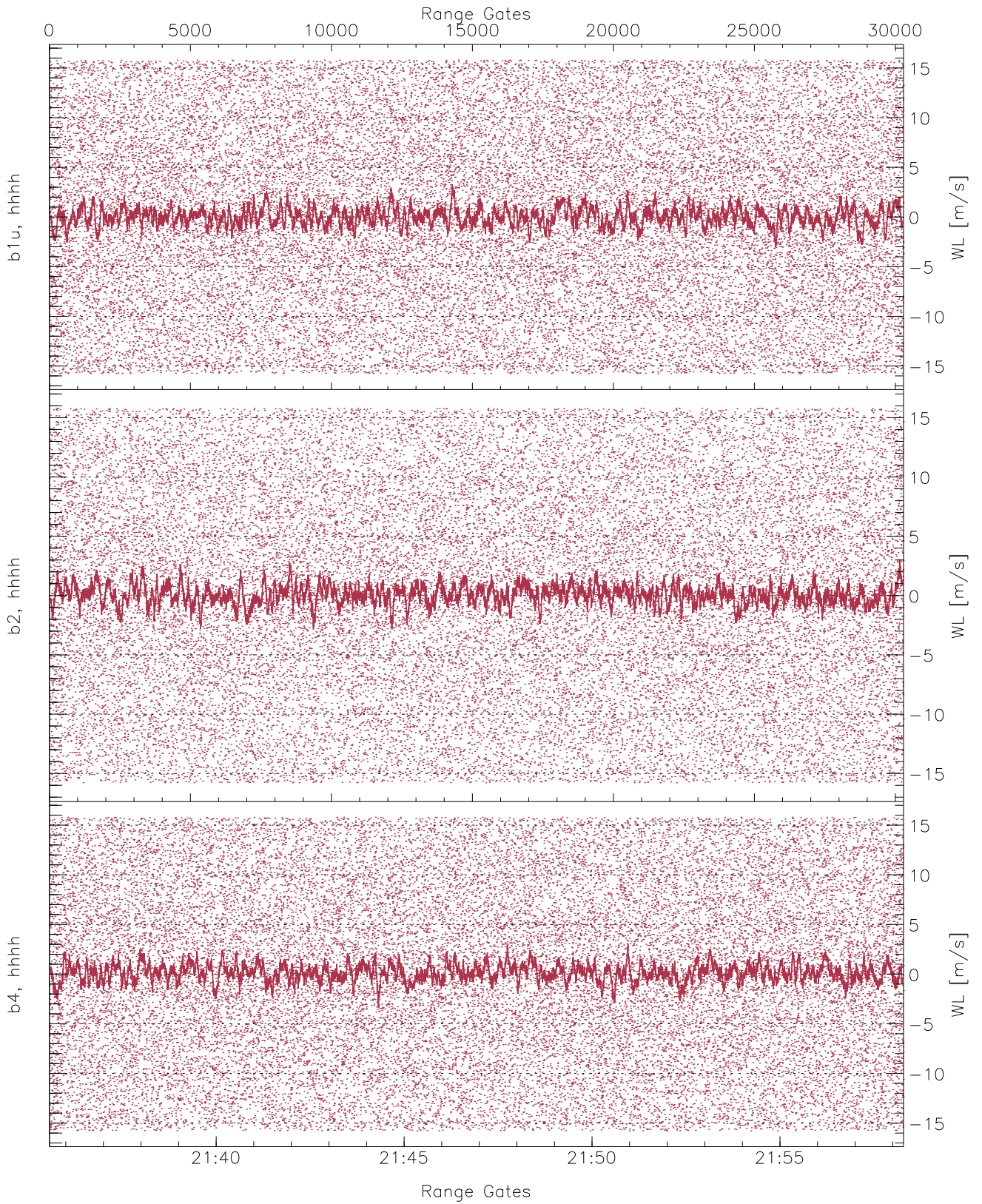
	Min	Max	Mean	Median	StDev
H1RG408_0 [dBm]	-66.62	-63.72	-65.29	-65.31	-76.52
V2HL_0 [dBm]	-66.23	-63.80	-64.96	-64.97	-76.46
H2RM_0 [dBm]	-66.31	-63.70	-64.86	-64.87	-76.36



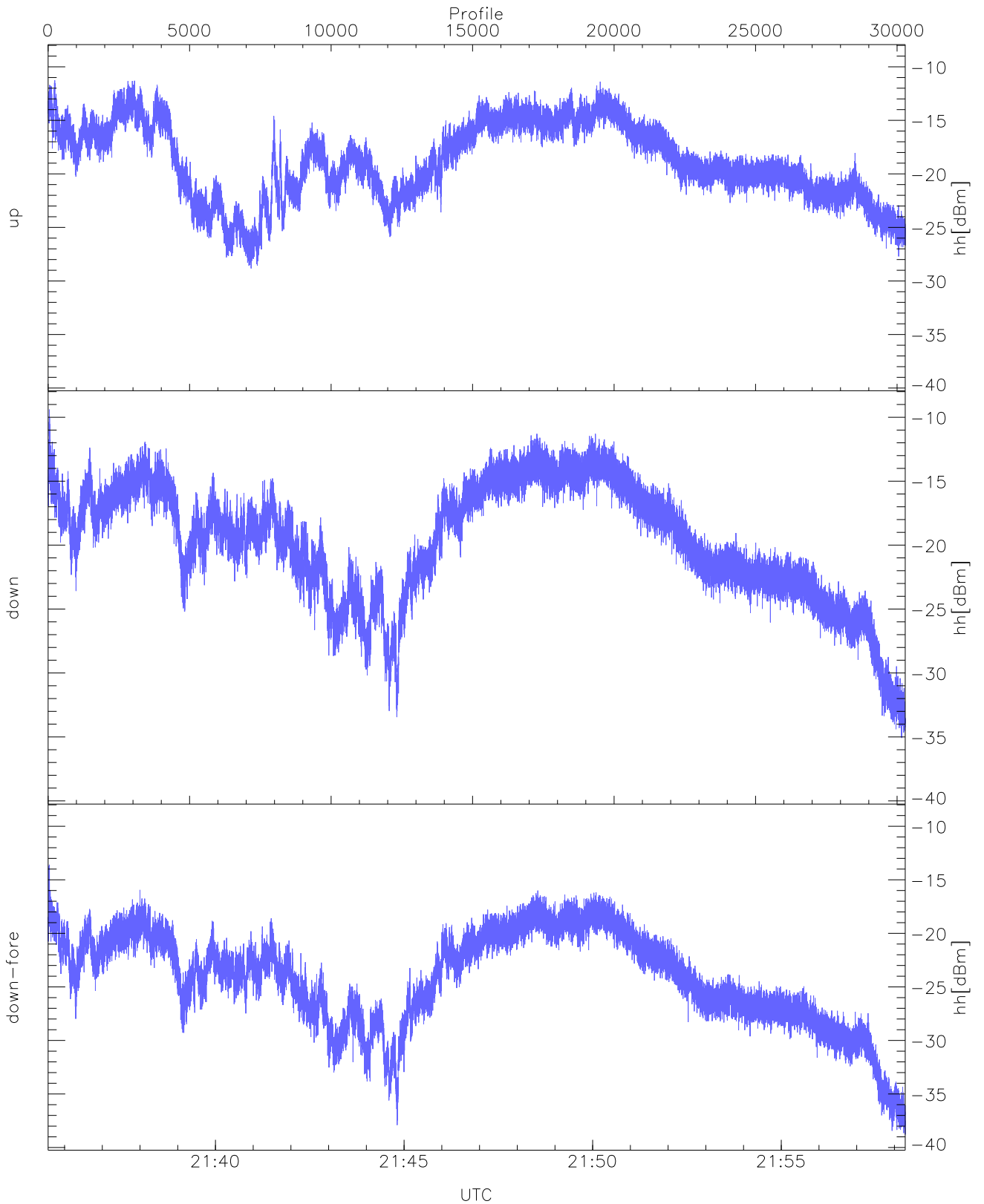
WCR3 CPP Averaged Received power for all recorded gates
blue: 213534-214655, 15146 profiles averaged
red: 214655-215817, 15145 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 213534-214655, 15146 profiles averaged
red: 214655-215817, 15145 profiles averaged

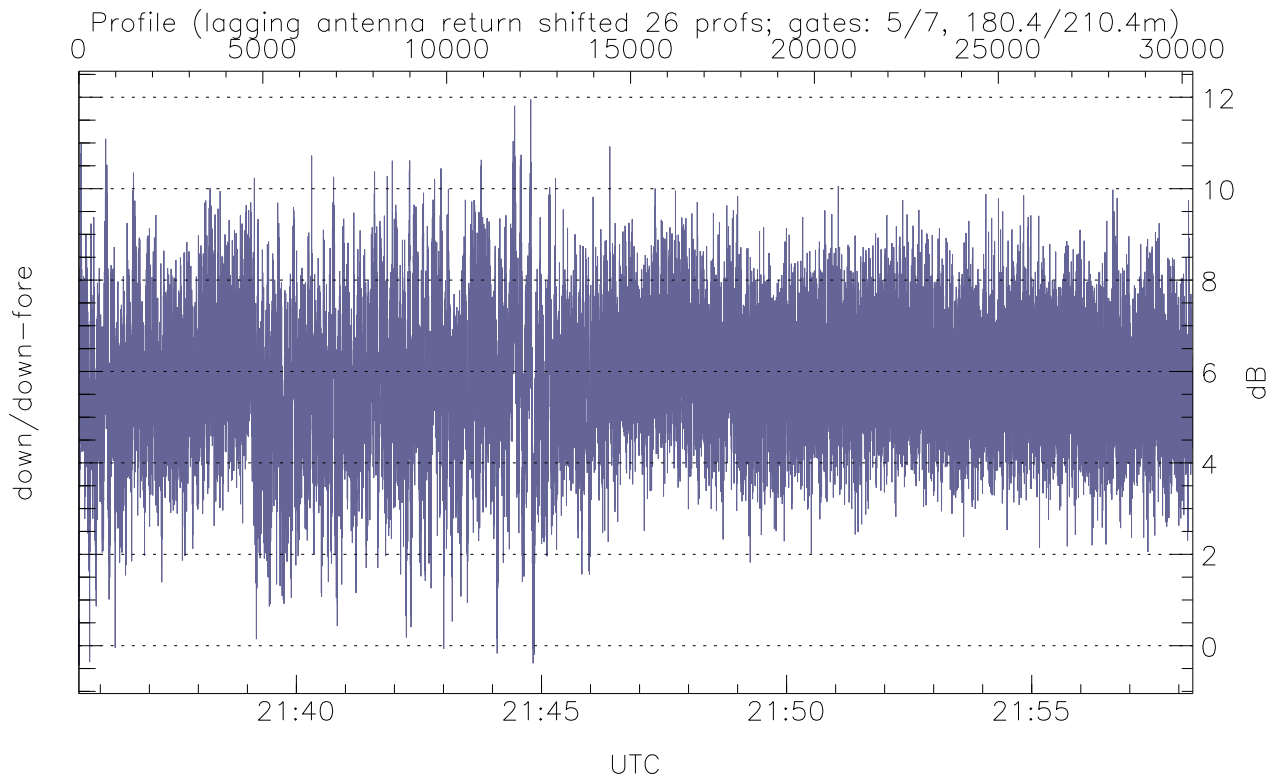
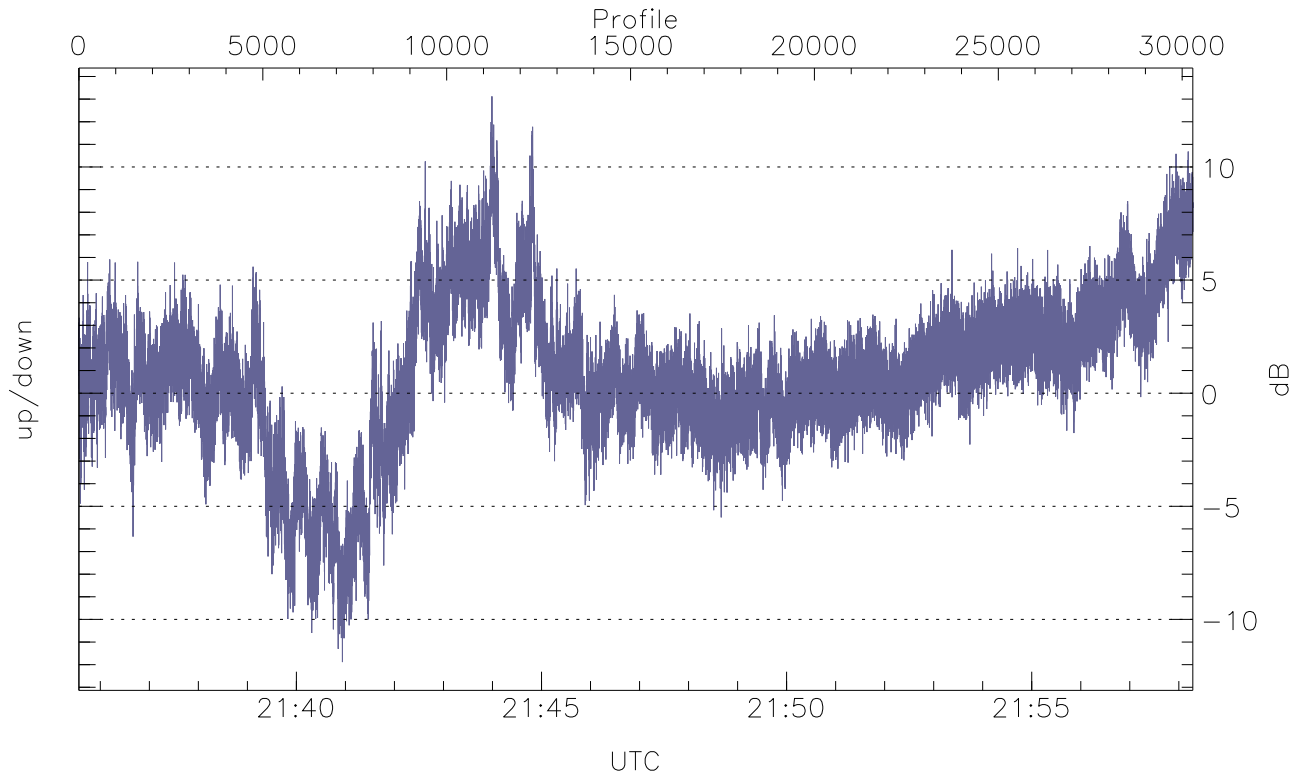


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



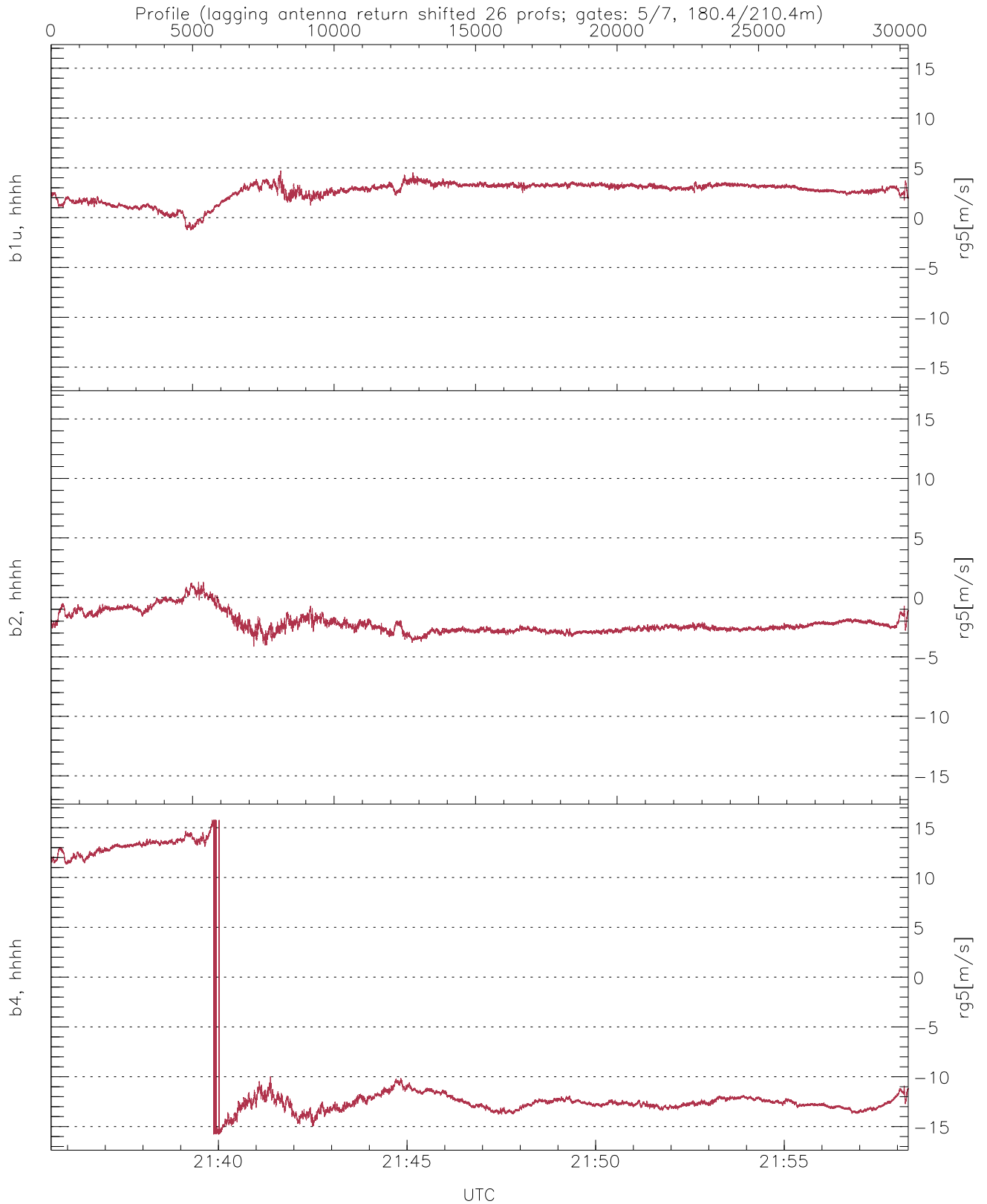
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-28.83	-11.25	-17.56
down(hh[dBm])	-35.08	-9.39	-17.79
down-fore(hh[dBm])	-38.78	-13.59	-22.40



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

	Min	Max	Mean
up/down (dB)	-11.89	13.12	0.89
down/down-fore (dB)	-0.43	11.95	5.85



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-1.27	4.72	2.61	0.96
b2, hhhh(rg5[m/s])	-4.13	1.31	-2.16	0.89
b4, hhhh(rg5[m/s])	-15.79	15.78	-7.70	10.18