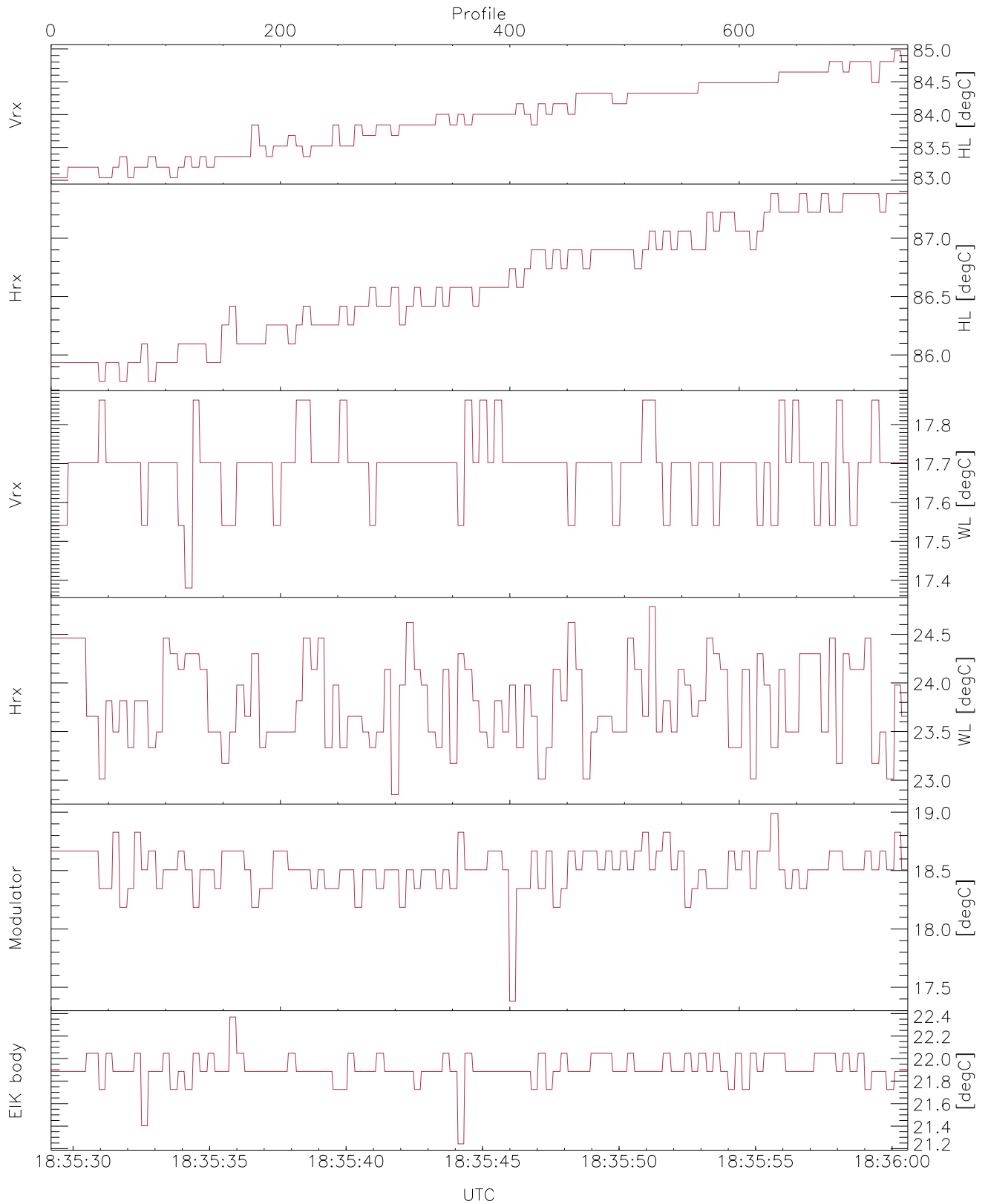


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

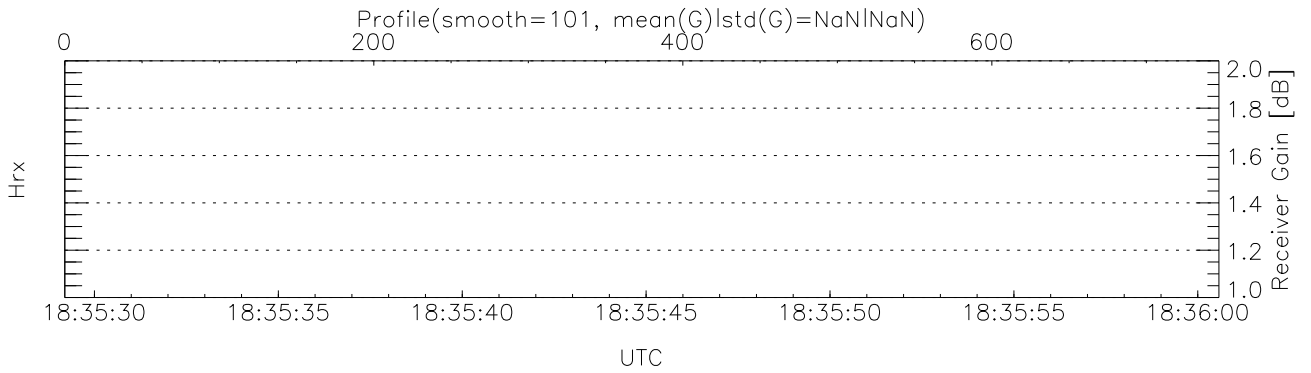
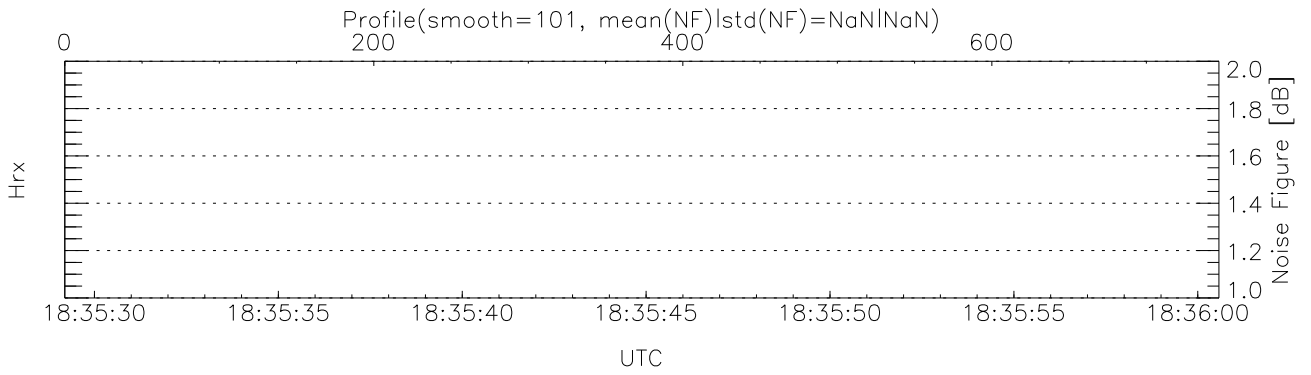
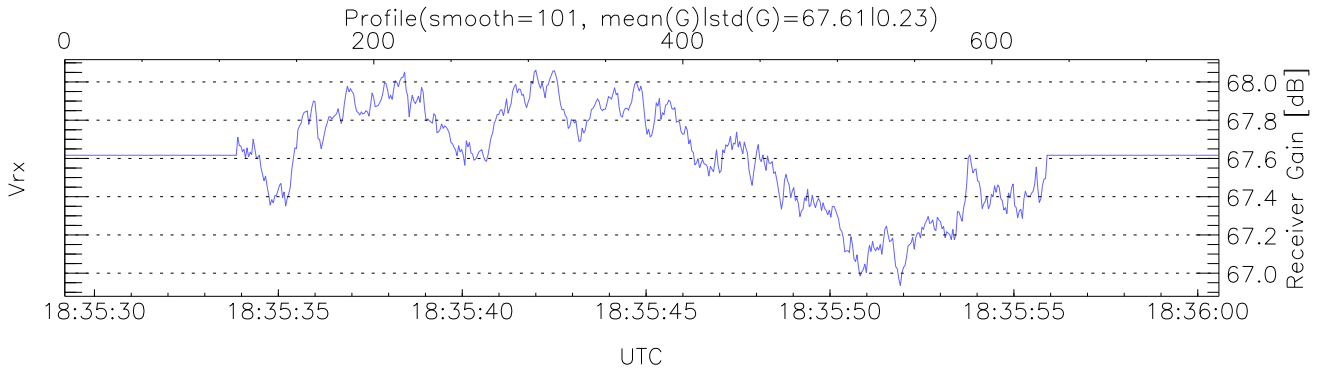
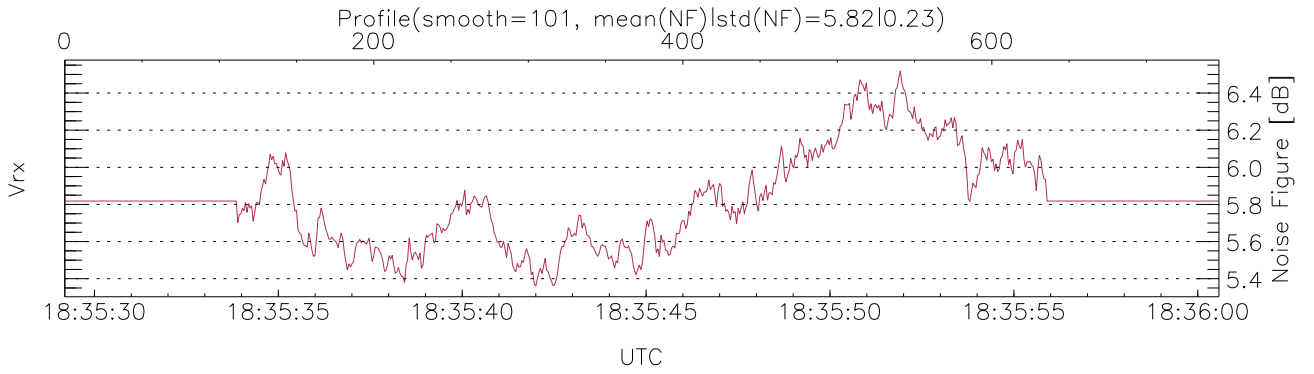
UTC: 18:35:29-18:36:01, Dur: 31.38s
 TimeCor: 0.00s, TimeFlg: 10, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 42.0,42.0,42.0,0.0 ms / 24,24,24
 NumRec(r/t): 748/748, 0-747/18:35:29-18:36:01
 AcqTime: 42.0ms, Rate: 210KB/s, Averages: 140
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us
 Range(min,max,rgs): 105,3183,15.0 m, Gates: 206, Aspect: 3.1

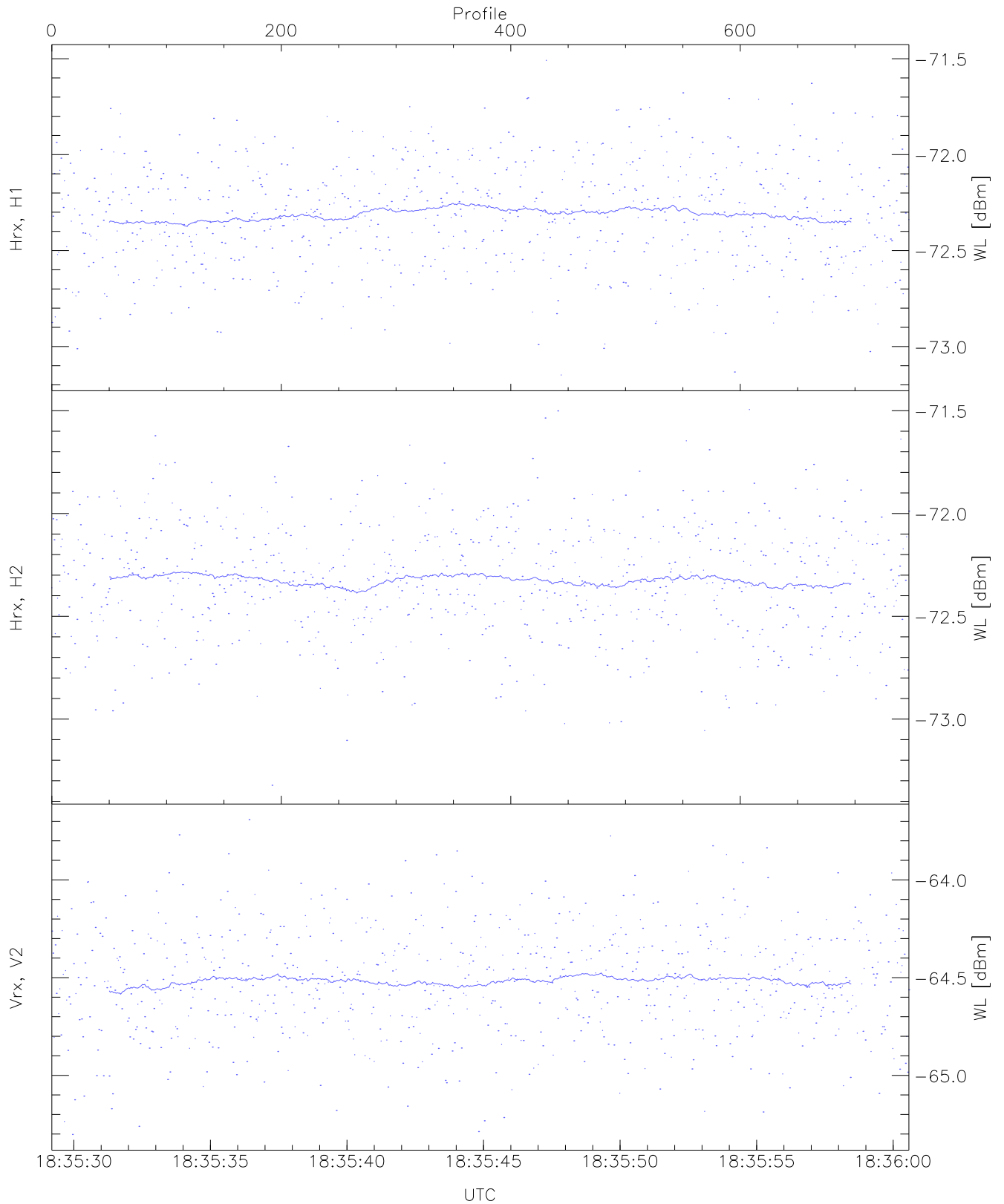


WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator Body, EIK Body

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 83,85,17,22,17,21
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 84,87,17,24,18,22
 LOalarm(20,80,240,2.8,14.8 MHz): 572,0,0,0,0
 EIK/Modulator Faults: None

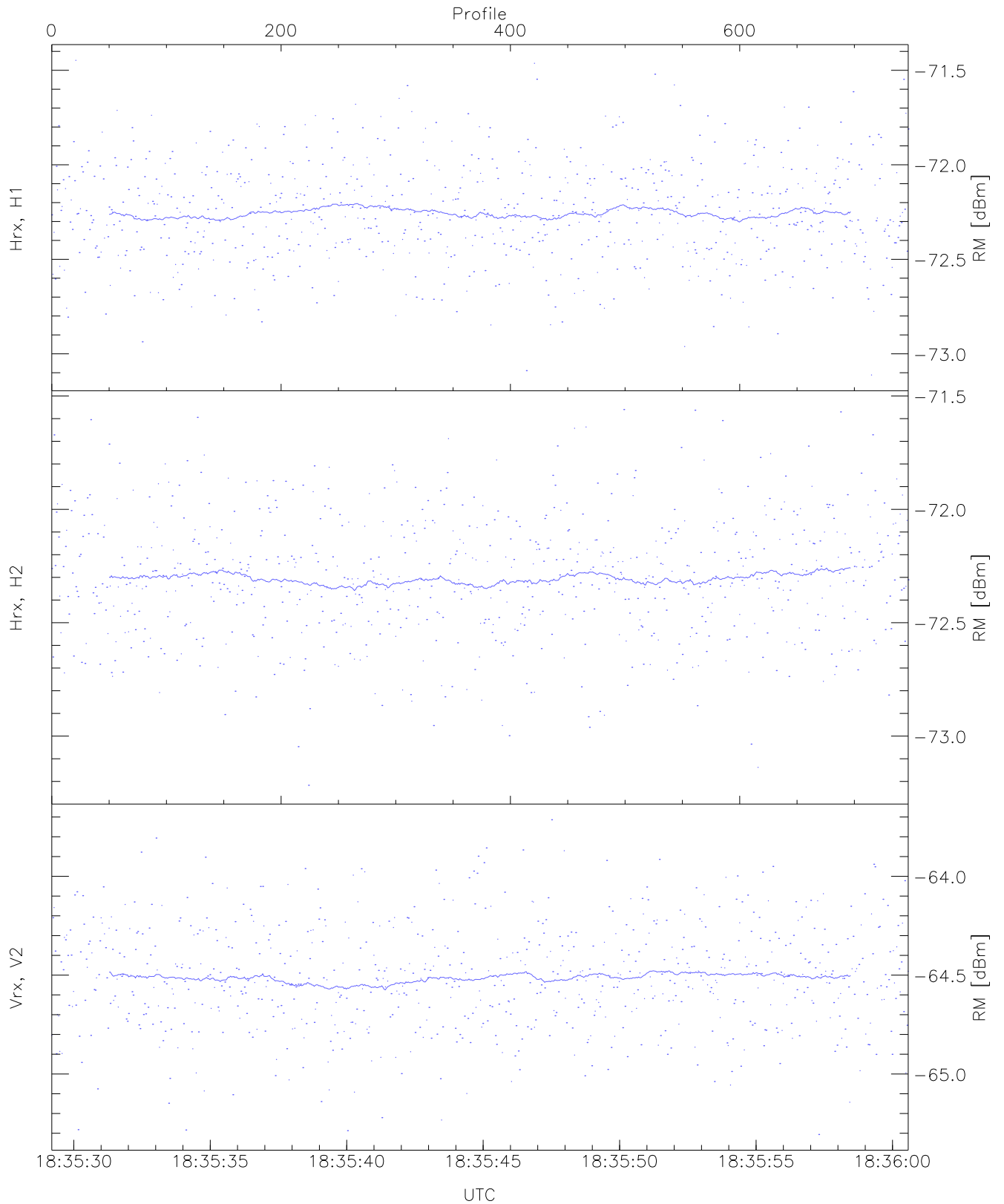
WARNING: <HrxHLn>-<HrxWLn> < 0.05dB for 2 pwr prods.





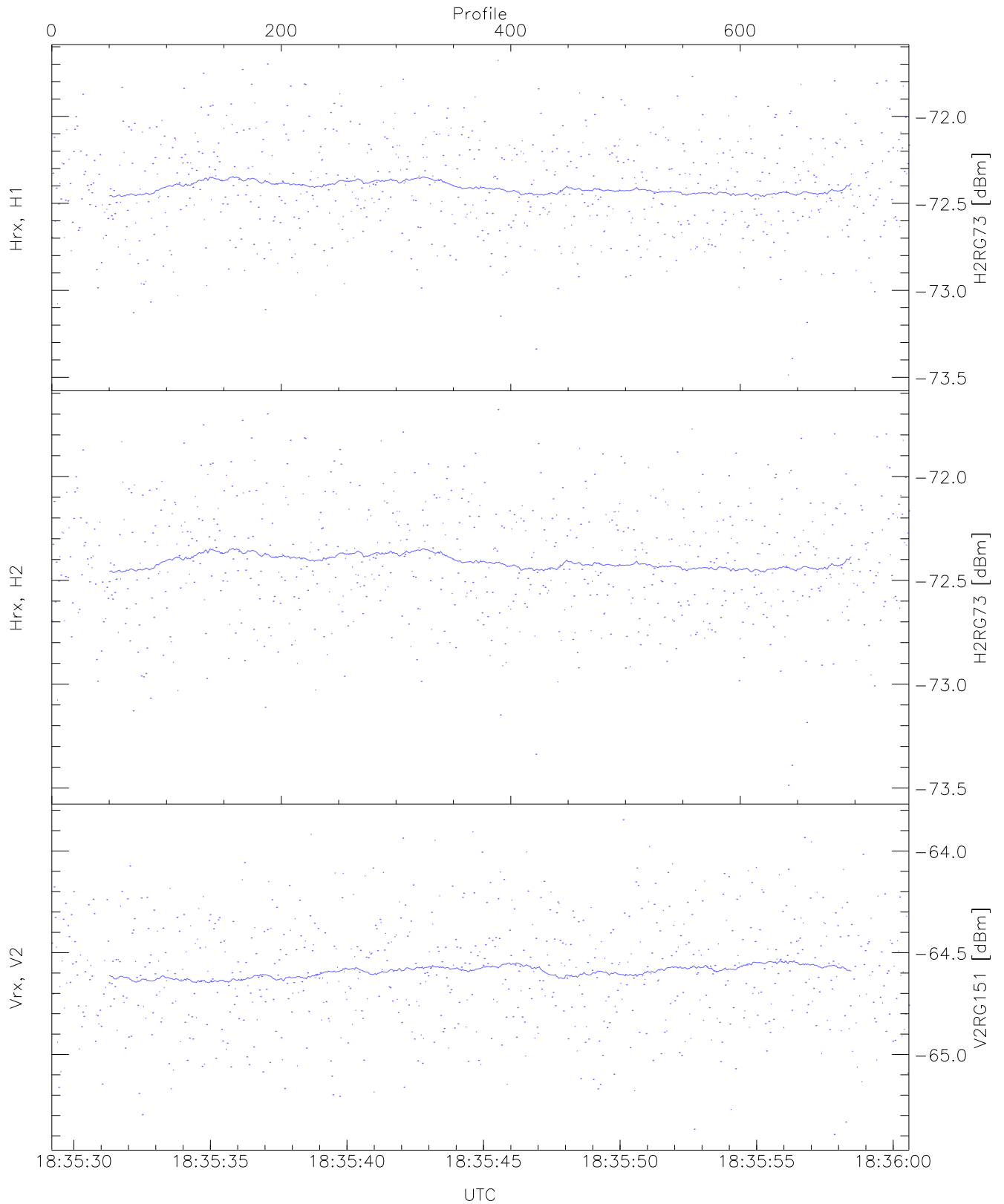
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-73.15	-71.51	-72.31	-72.31	-84.37
Hrx, H2 (WL [dBm])	-73.32	-71.49	-72.32	-72.33	-84.37
Vrx, V2 (WL [dBm])	-65.30	-63.69	-64.51	-64.52	-76.54



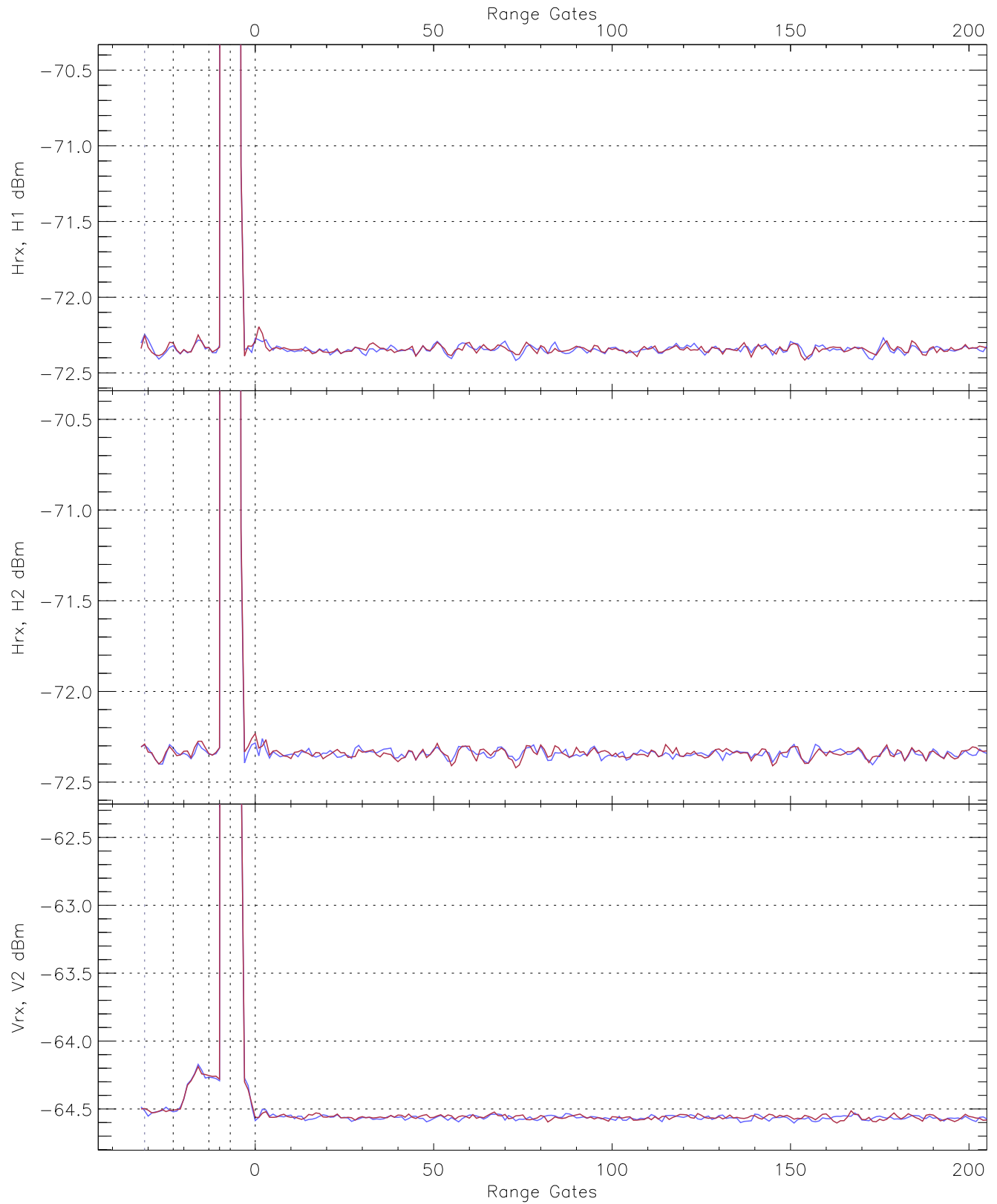
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-73.11	-71.45	-72.25	-72.27	-84.40
Hrx, H2 (RM [dBm])	-73.22	-71.56	-72.29	-72.31	-84.37
Vrx, V2 (RM [dBm])	-65.31	-63.71	-64.50	-64.52	-76.67

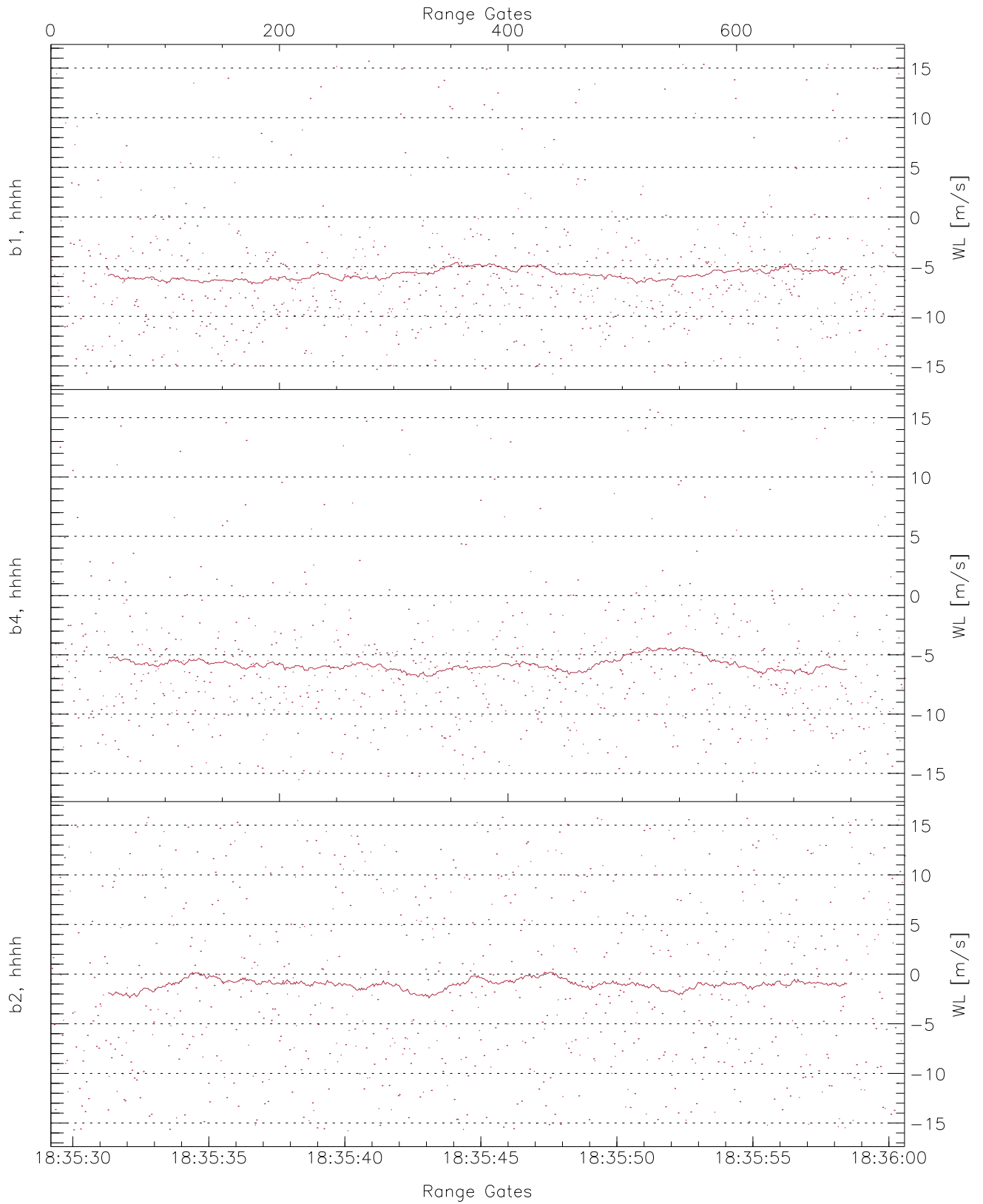


WCR2 CPP "Best" estimate Receivers Noise Power

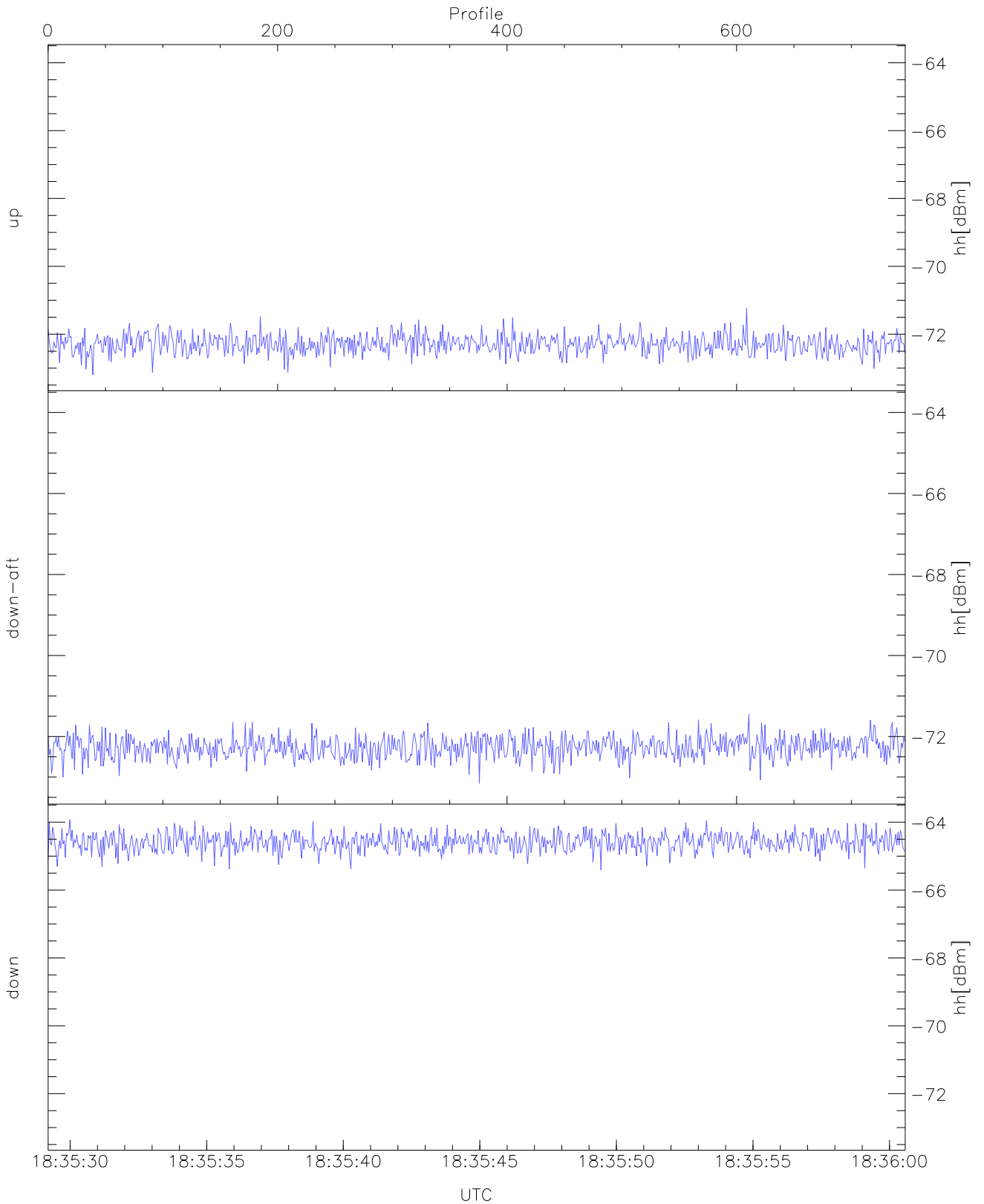
	Min	Max	Mean	Median	StDev
H2RG73 [dBm]	-73.49	-71.68	-72.40	-72.41	-84.28
H2RG73 [dBm]	-73.49	-71.68	-72.40	-72.41	-84.28
V2RG151 [dBm]	-65.39	-63.85	-64.59	-64.59	-76.71



WCR2 CPP Averaged Received power for all recorded gates
blue: 183529-183544, 375 profiles averaged
red: 183544-183601, 374 profiles averaged

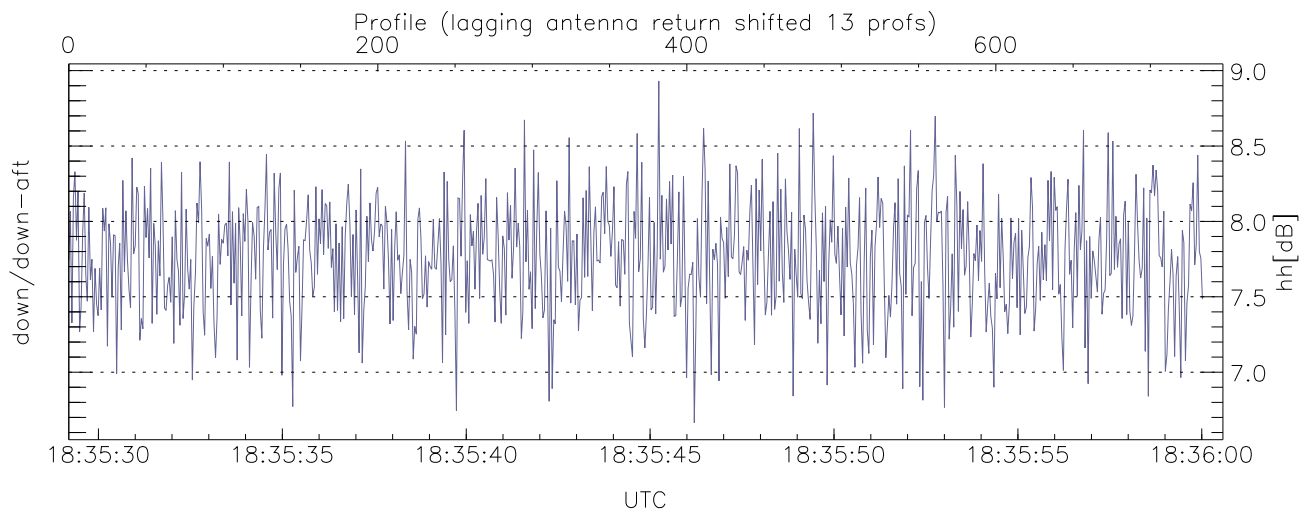
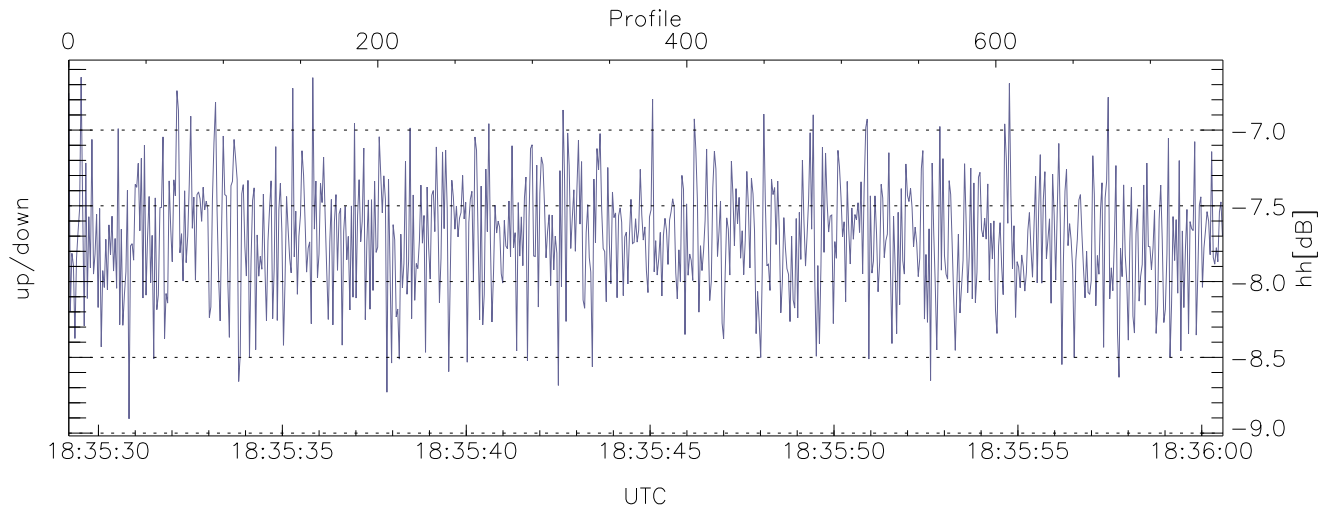


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



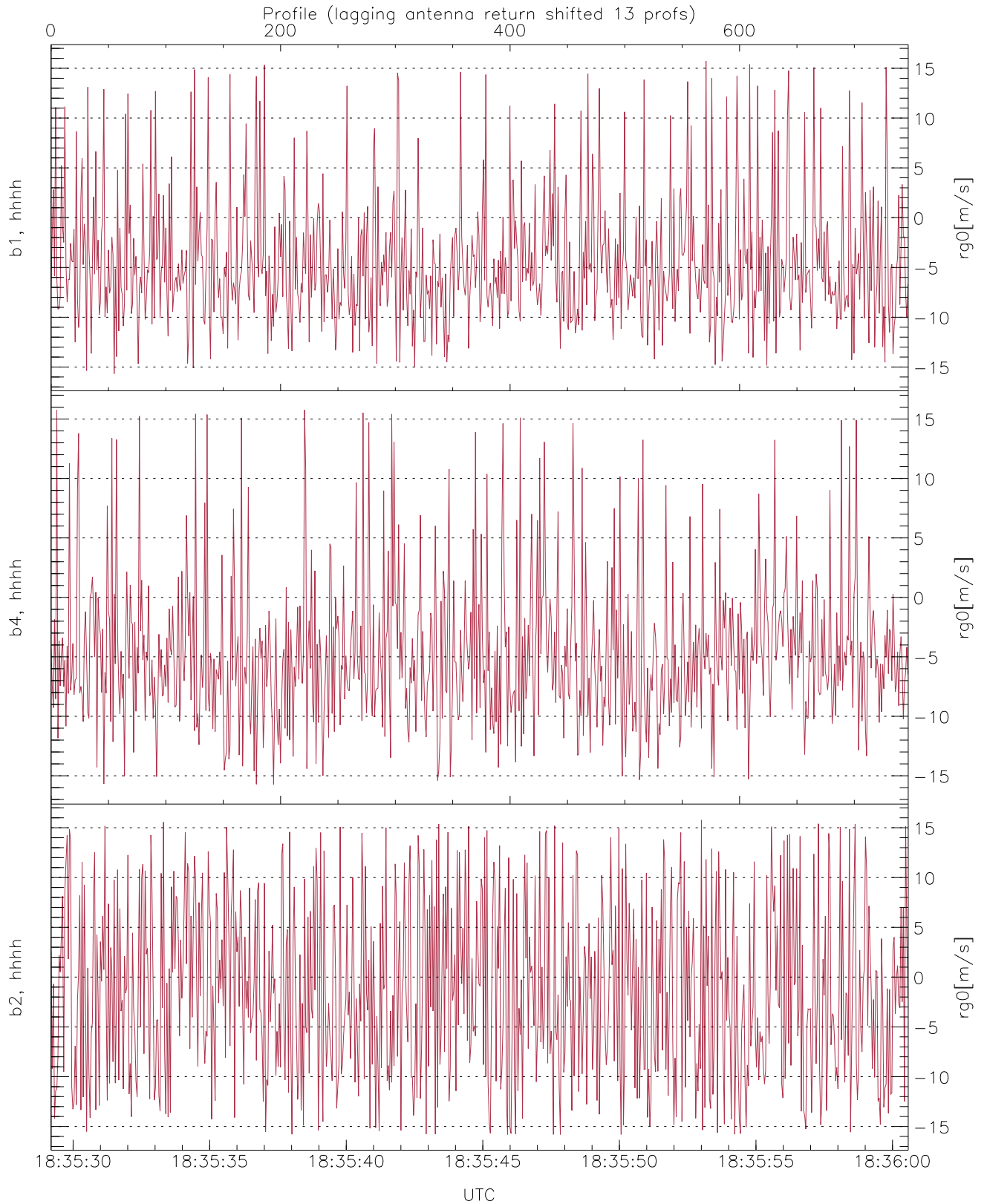
WCR2 CPP Received Power Products for Range gate 0 (105.1 m)

	Min	Max	Mean
up(hh[dBm])	-73.20	-71.23	-72.28
down-aft(hh[dBm])	-73.16	-71.45	-72.26
down(hh[dBm])	-65.40	-63.93	-64.57



WCR2 CPP Received Power Ratio; Range gates used: 0,1 (105,120 m)

	Min	Max	Mean
up/down(hh[dB])	-8.91	-6.65	-7.72
down/down-aft(hh[dB])	6.67	8.93	7.76



WCR2 CPP Doppler Velocity Products at 105.1 m range

	Min	Max	Mean	StDev
b1, hhhh(rg0[m/s])	-15.67	15.72	-4.40	6.39
b4, hhhh(rg0[m/s])	-15.75	15.78	-4.70	6.09
b2, hhhh(rg0[m/s])	-15.80	15.77	-1.40	8.78