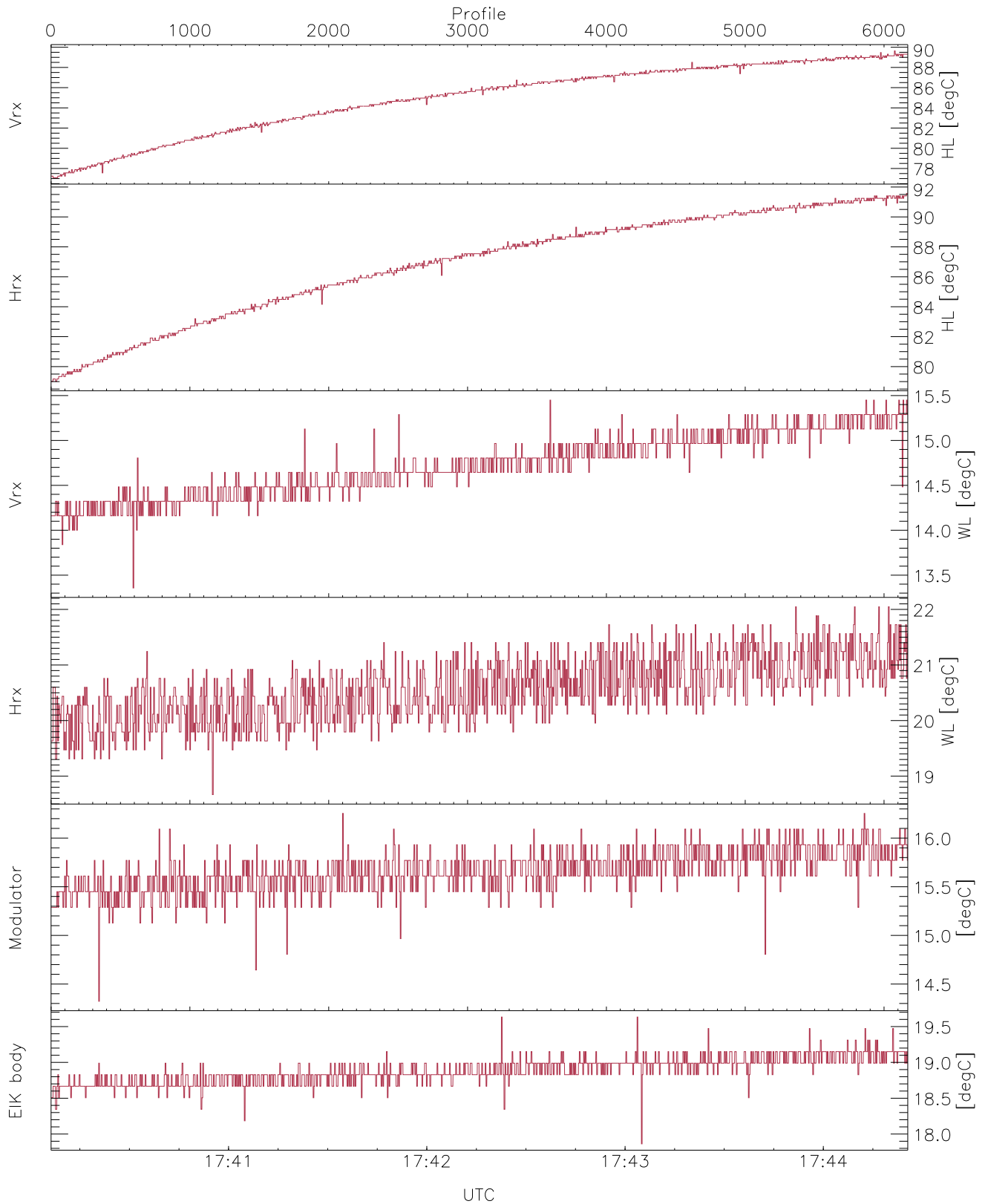


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

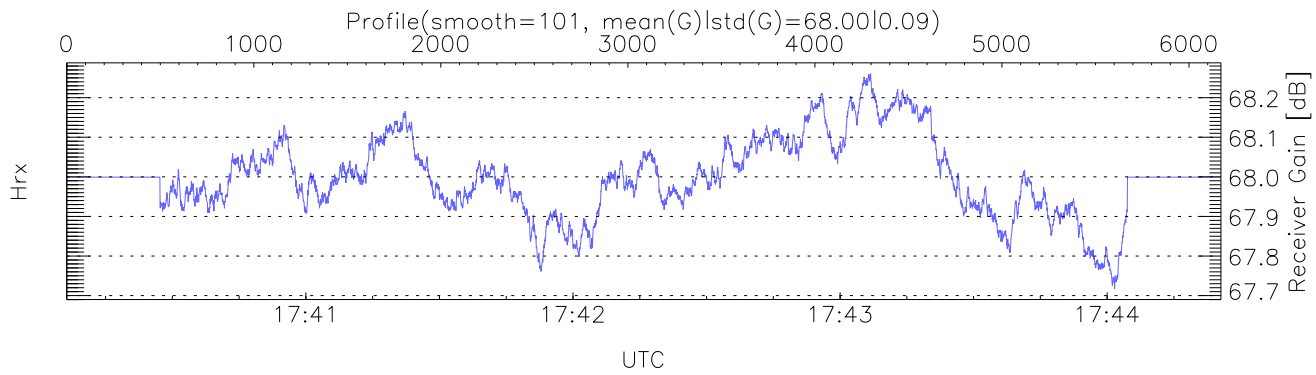
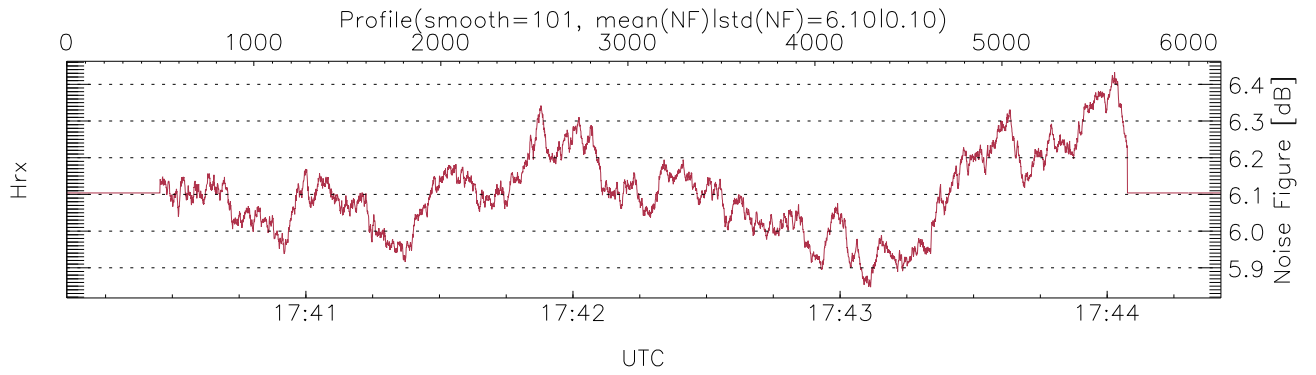
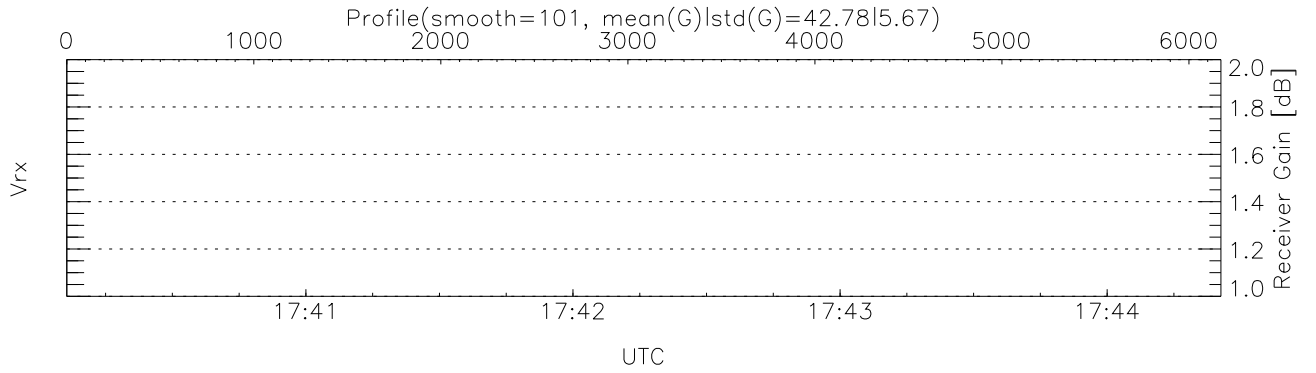
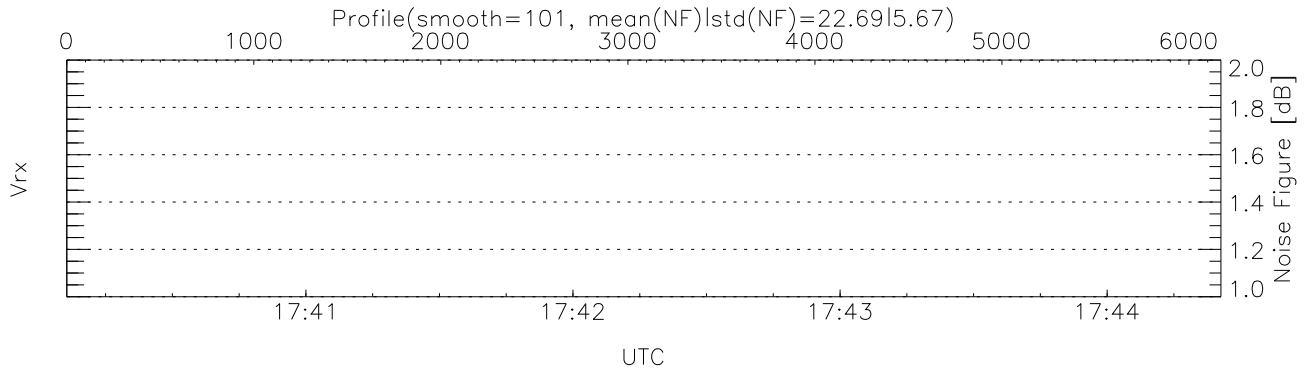
UTC: 17:40:06-17:44:26, Dur: 259.29s
 TimeCor: 0.00s, TimeFlg: 10, TFPstatus CHANGED(#): 1
 TimeInt/PPS(min,max,mn,std): 0.0,84.0,42.0,2.9 ms / 12,-2147483648,24
 NumRec(r/t): 6172/6172, 0-6171/17:40:06-17:44:26
 AcqTime: 42.0ms, Rate: 210KB/s, Averages: 140
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 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

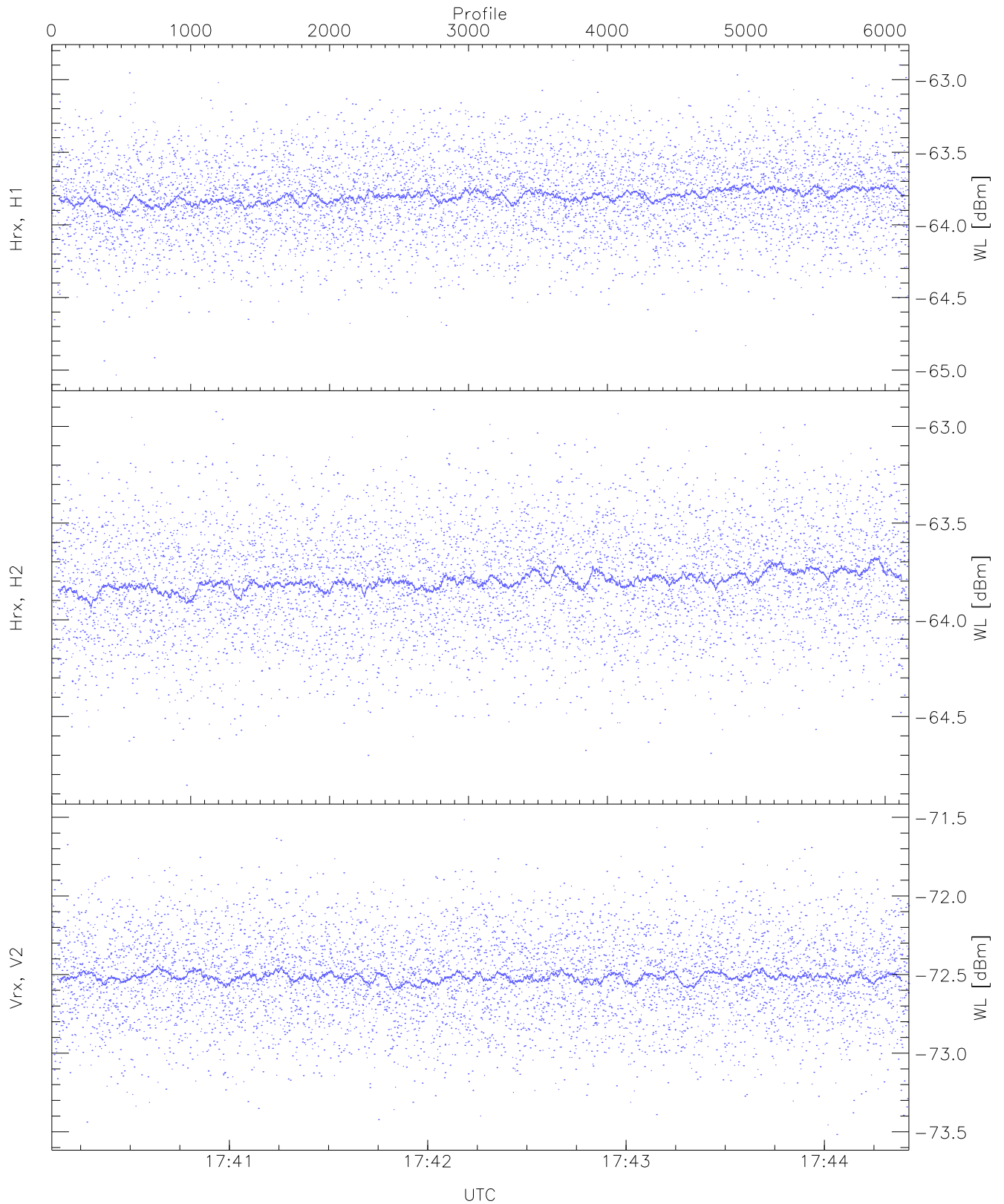


WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator Body, EIK Body

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 77,79,13,18,14,17
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 89,91,15,22,16,19
 LOalarm(20,80,240,2.8,14.8 MHz): 2584,0,0,0,0
 EIK/Modulator Faults: None

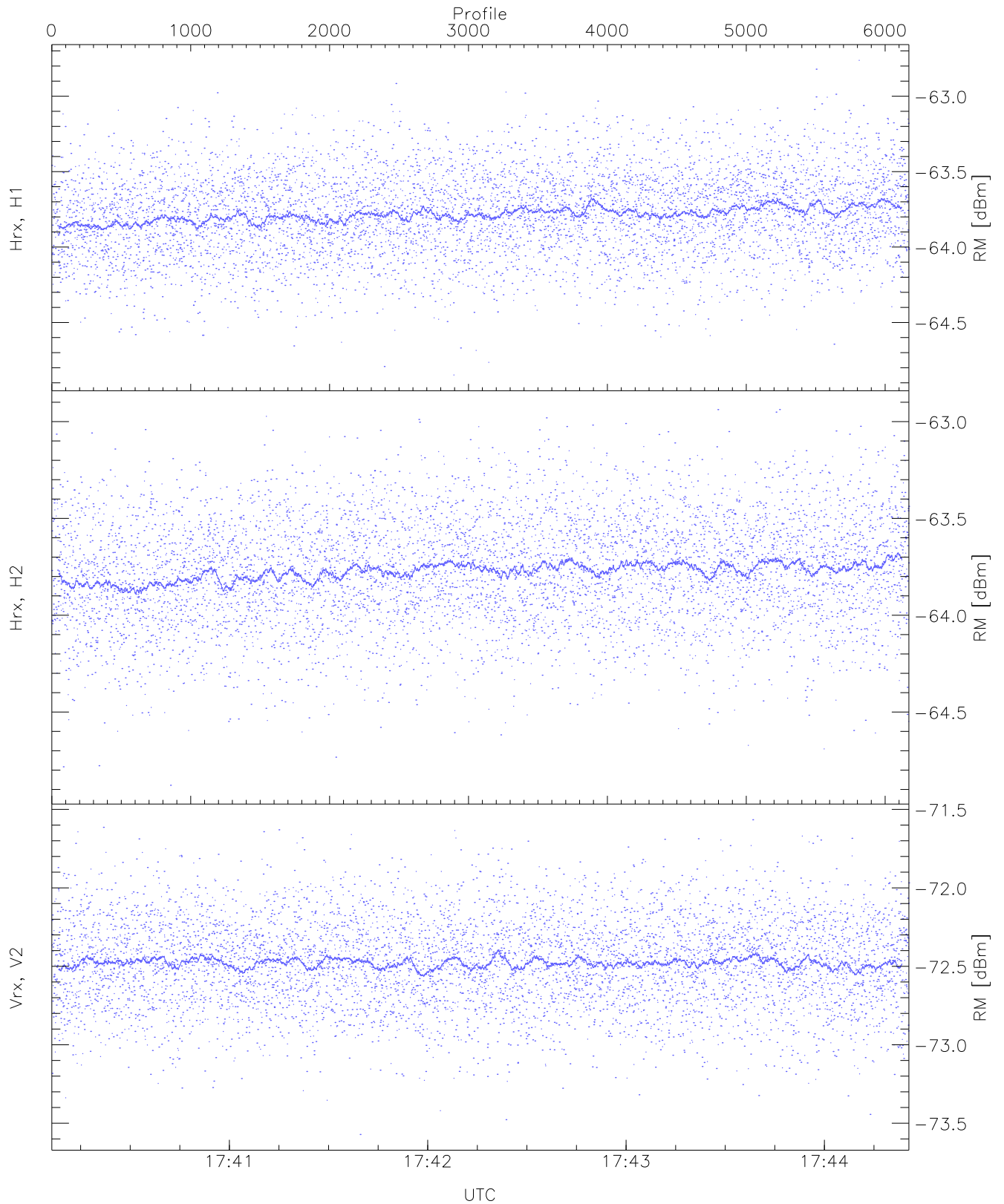
WARNING: <VrxHLn>-<VrxWLn> < 0.05dB for 1 pwr prods.





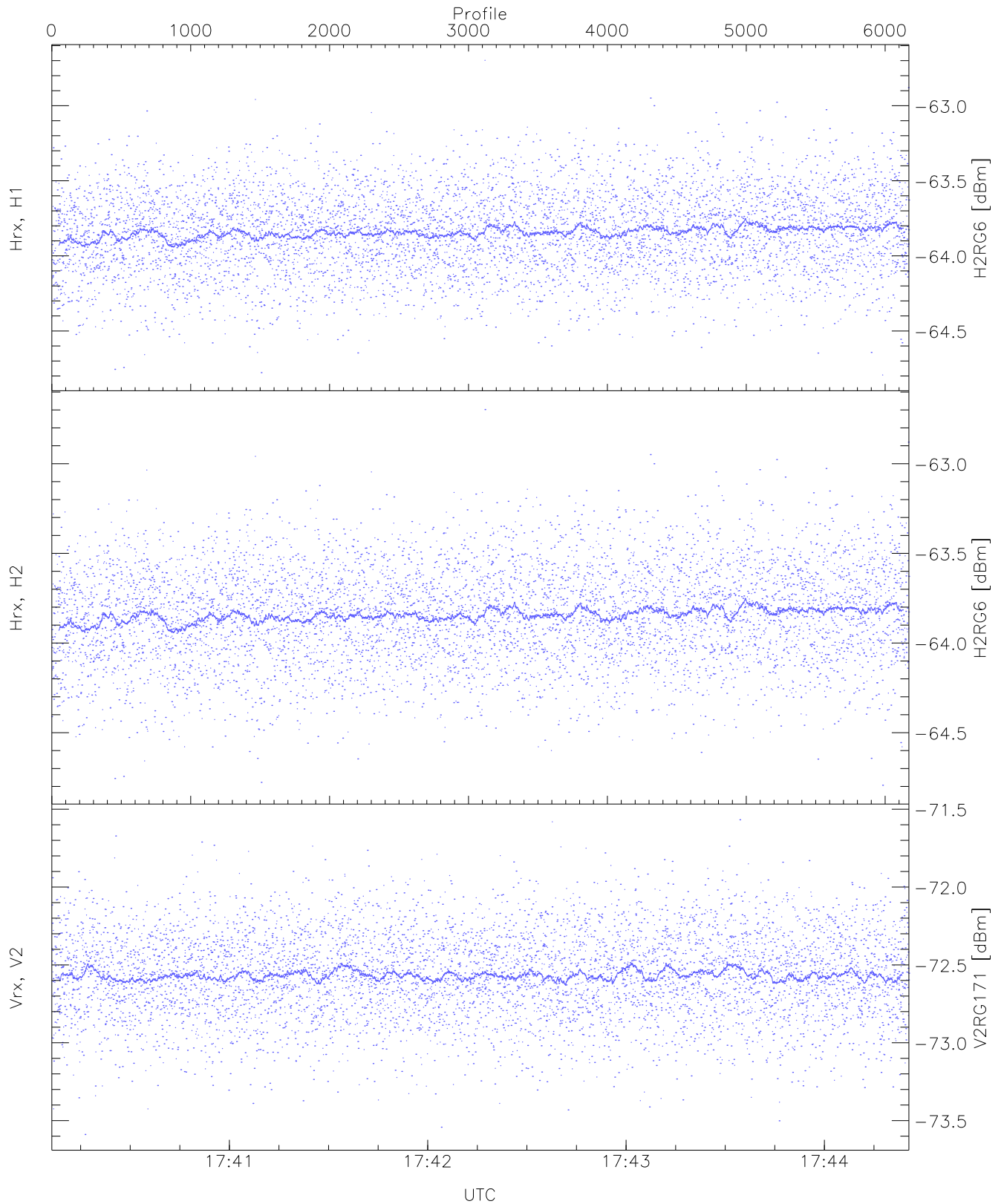
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-65.03	-62.87	-63.80	-63.81	-75.89
Hrx, H2(WL [dBm])	-64.86	-62.91	-63.79	-63.80	-75.90
Vrx, V2(WL [dBm])	-73.52	-71.52	-72.51	-72.51	-84.55



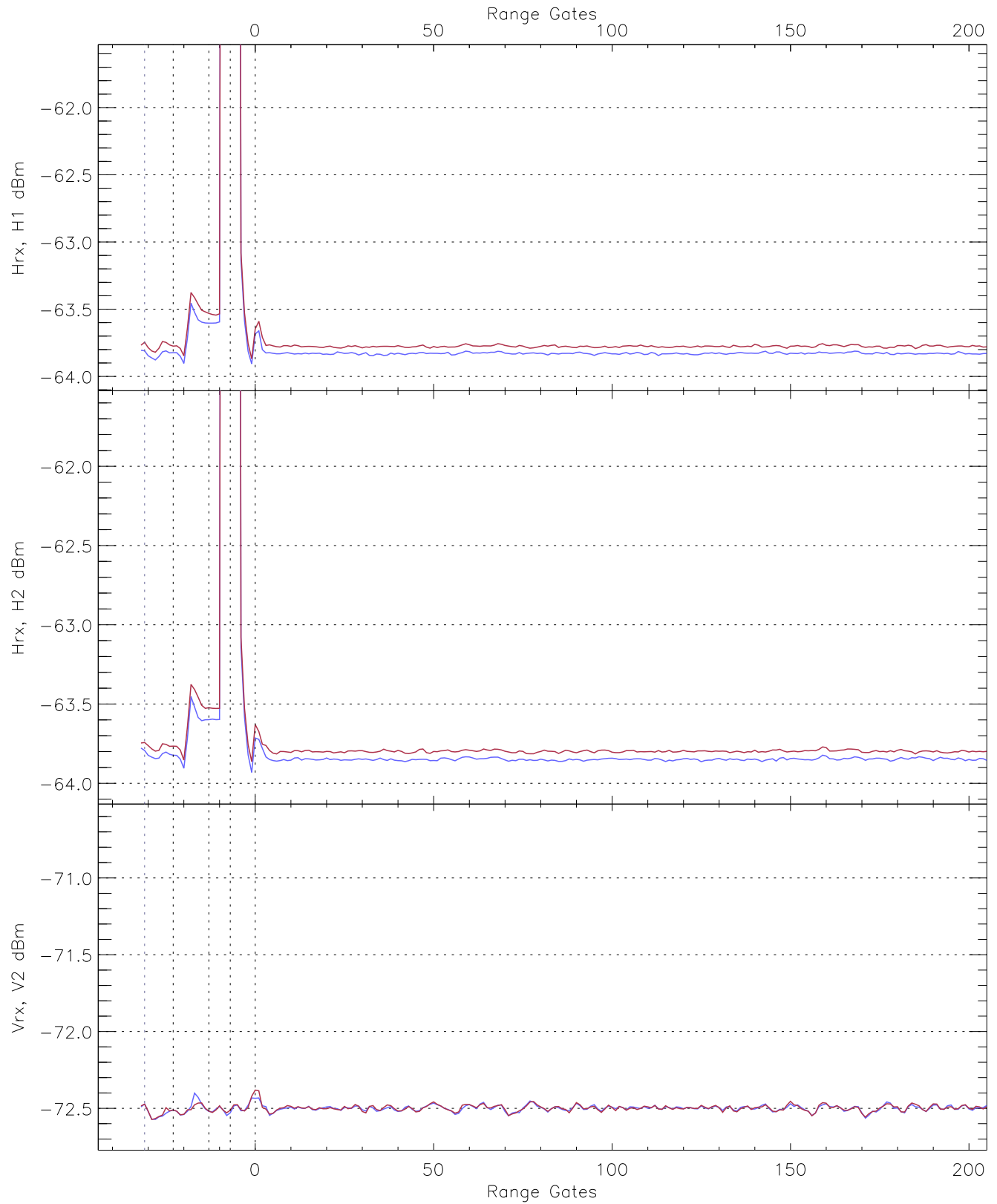
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.85	-62.76	-63.78	-63.78	-75.90
Hrx, H2 (RM [dBm])	-64.88	-62.94	-63.77	-63.77	-75.87
Vrx, V2 (RM [dBm])	-73.57	-71.57	-72.47	-72.48	-84.49

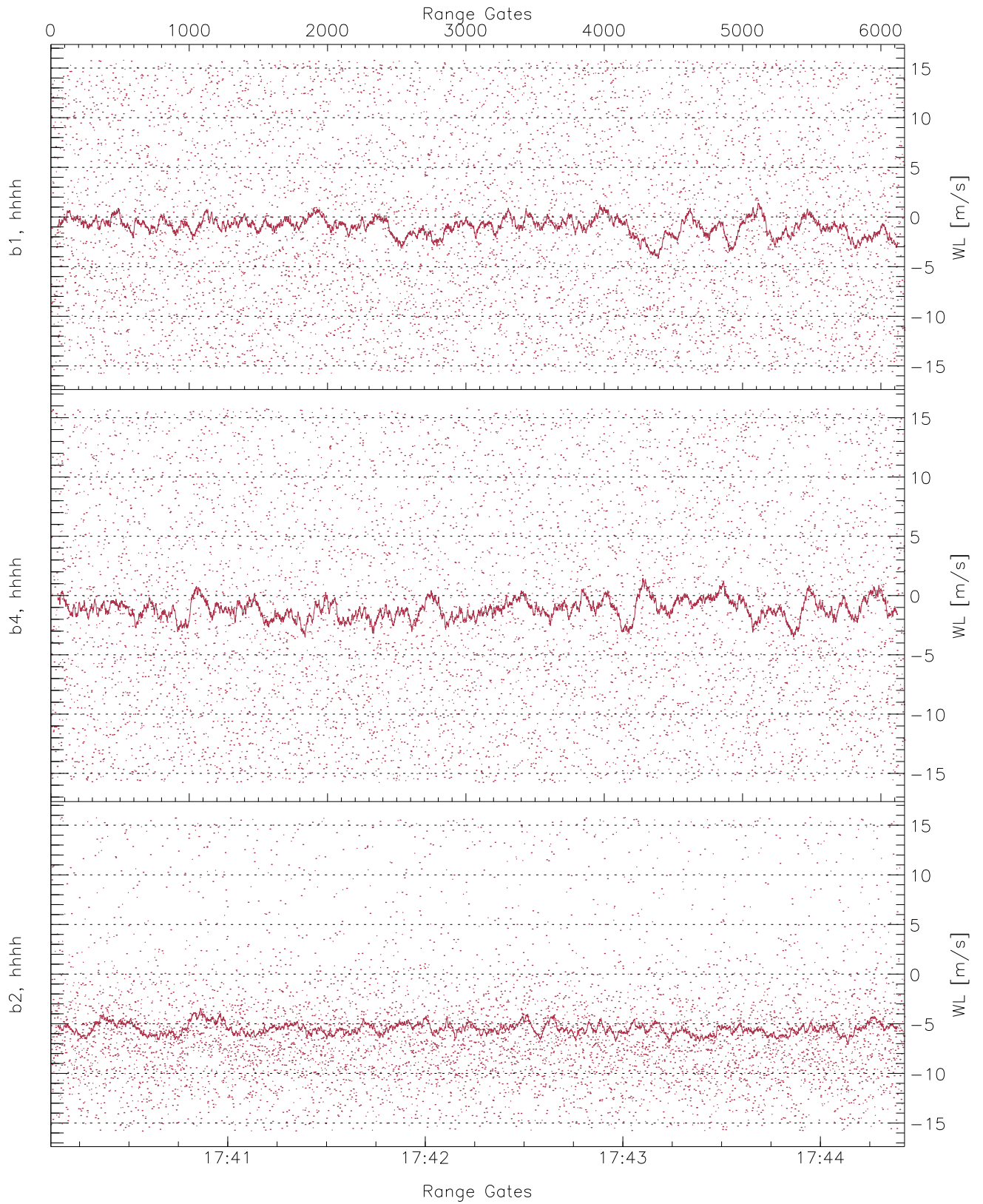


WCR2 CPP "Best" estimate Receivers Noise Power

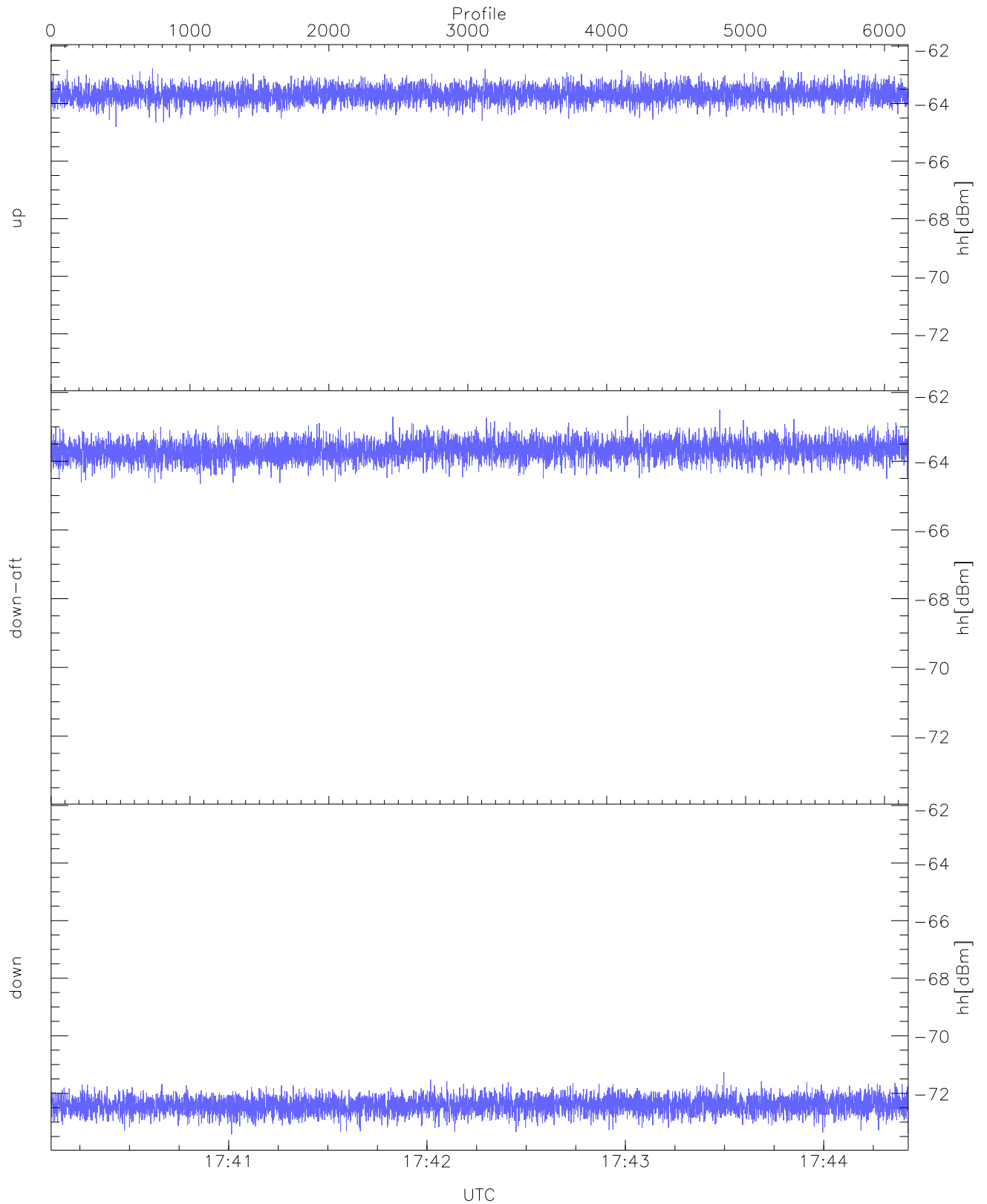
	Min	Max	Mean	Median	StDev
H2RG6 [dBm]	-64.79	-62.70	-63.84	-63.84	-76.02
H2RG6 [dBm]	-64.79	-62.70	-63.84	-63.84	-76.02
V2RG171 [dBm]	-73.59	-71.57	-72.56	-72.57	-84.65



WCR2 CPP Averaged Received power for all recorded gates
blue: 174006-174215, 3087 profiles averaged
red: 174215-174426, 3086 profiles averaged

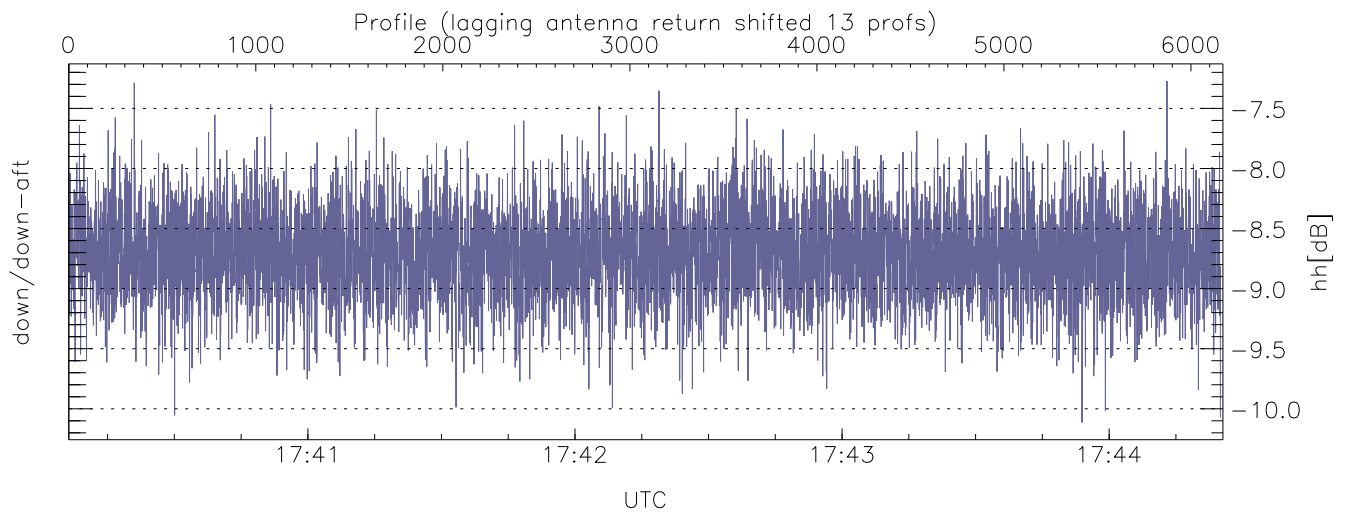
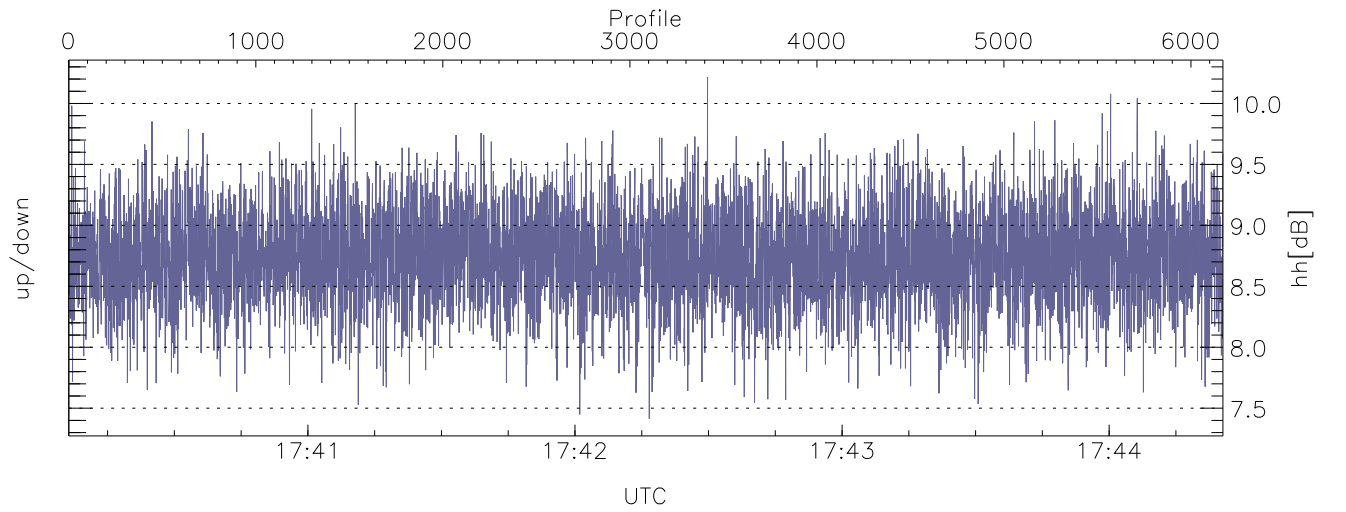


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



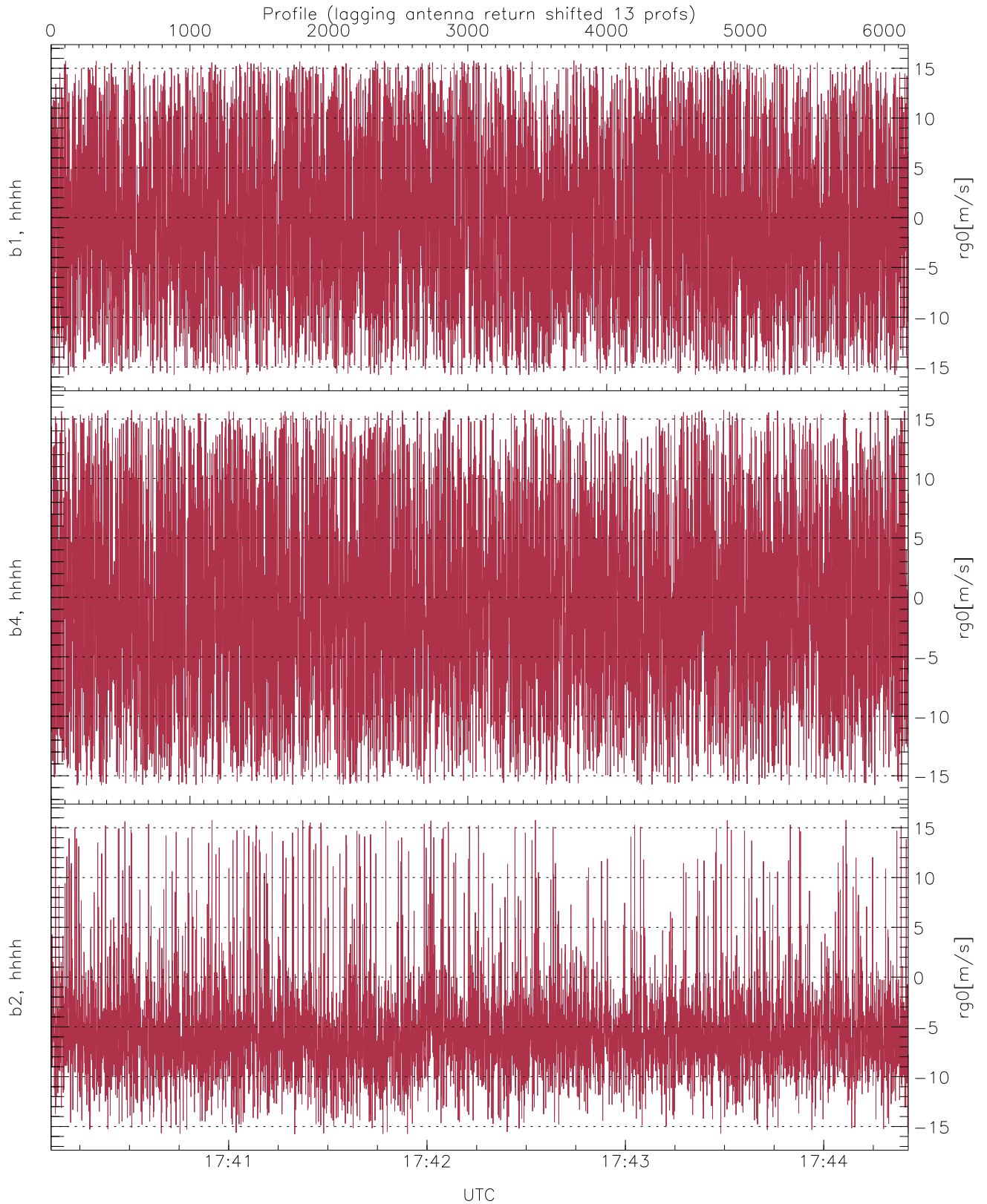
WCR2 CPP Received Power Products for Range gate 0 (105.1 m)

	Min	Max	Mean
up(hh[dBm])	-64.81	-62.78	-63.67
down-aft(hh[dBm])	-64.66	-62.50	-63.67
down(hh[dBm])	-73.43	-71.26	-72.41



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

	Min	Max	Mean
up/down(hh[dB])	7.41	10.22	8.74
down/down-aft(hh[dB])	-10.12	-7.27	-8.71



WCR2 CPP Doppler Velocity Products at 105.1 m range

	Min	Max	Mean	StDev
b1, hhhh(rg0[m/s])	-15.80	15.79	-0.59	8.61
b4, hhhh(rg0[m/s])	-15.80	15.79	-0.79	8.39
b2, hhhh(rg0[m/s])	-15.78	15.77	-5.62	4.76