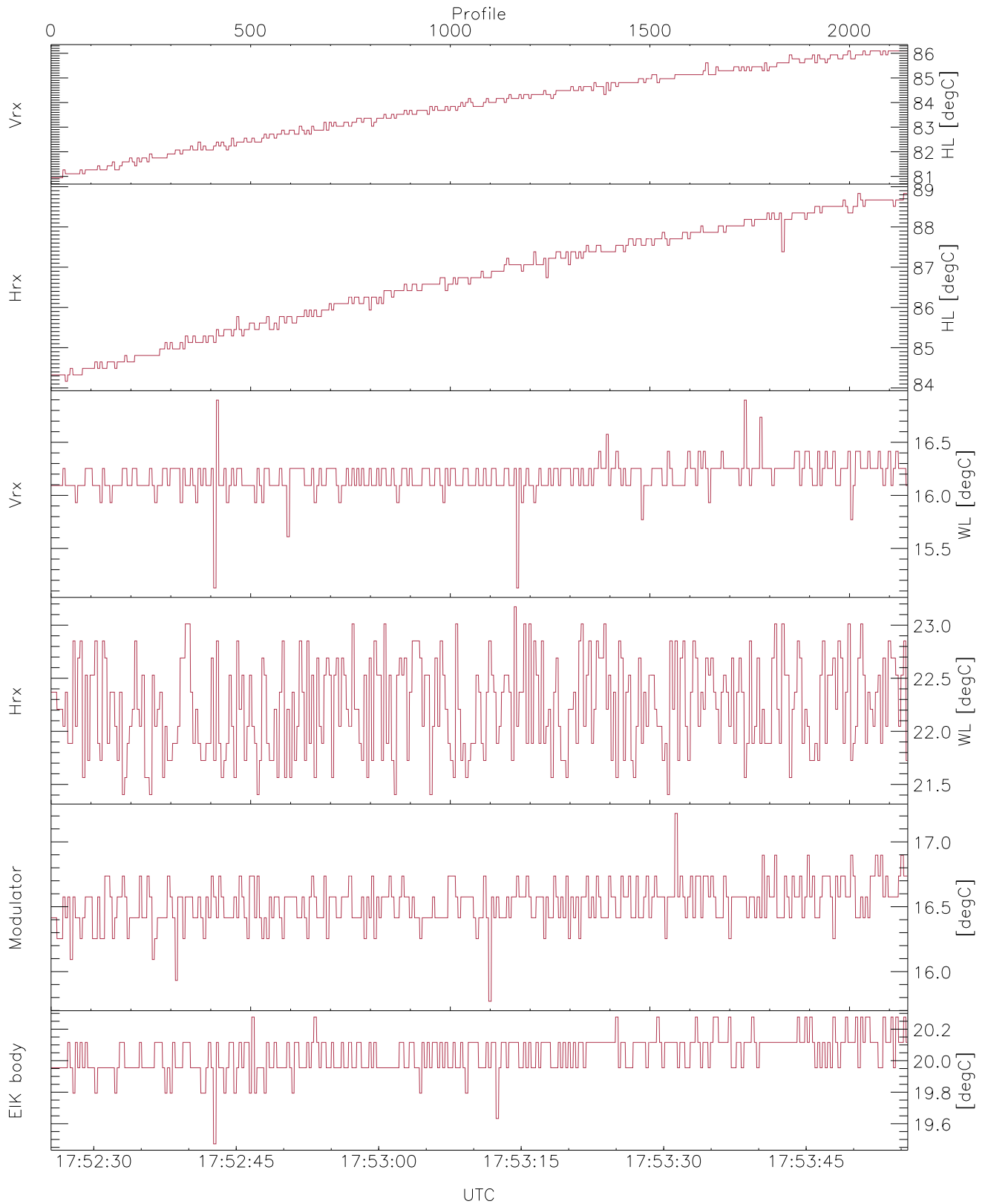


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

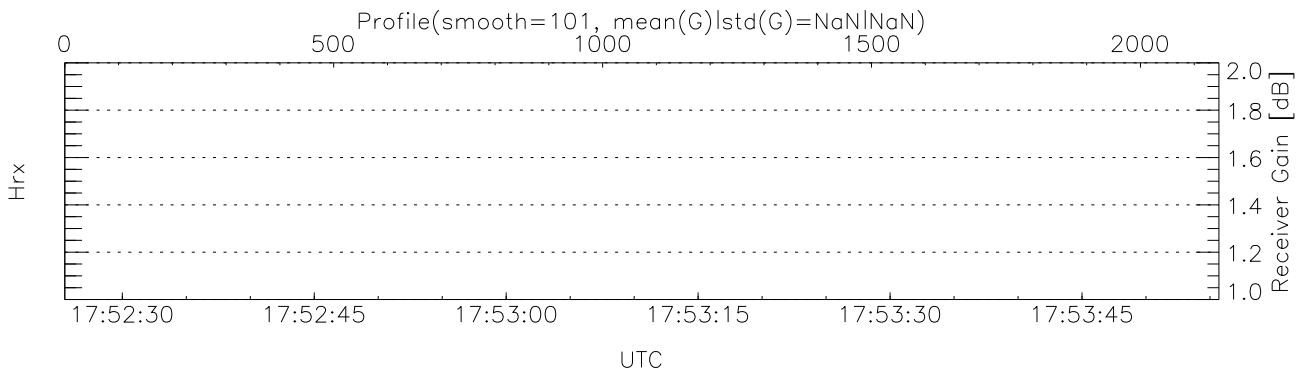
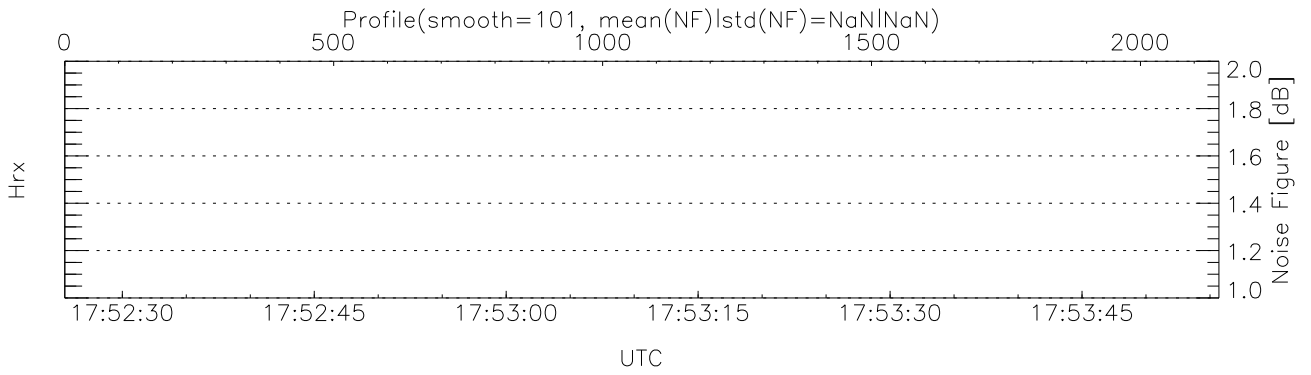
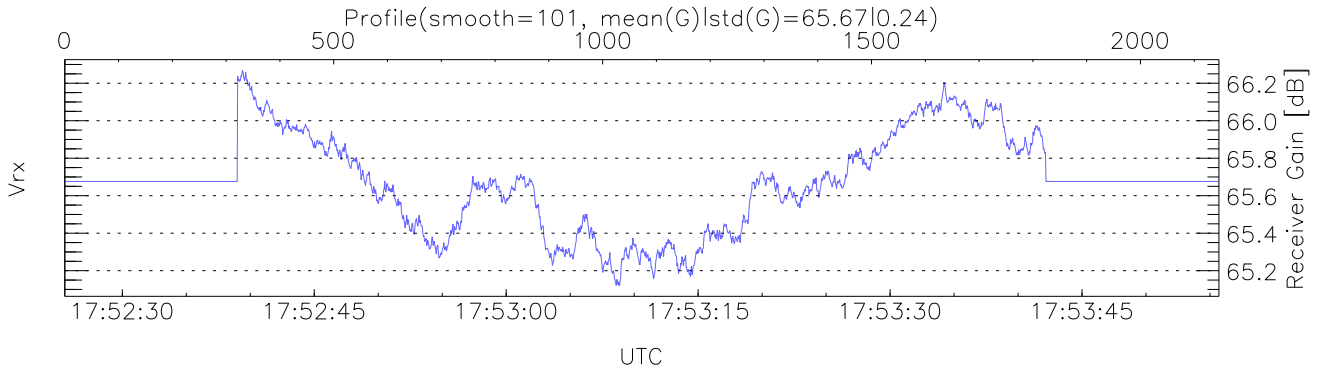
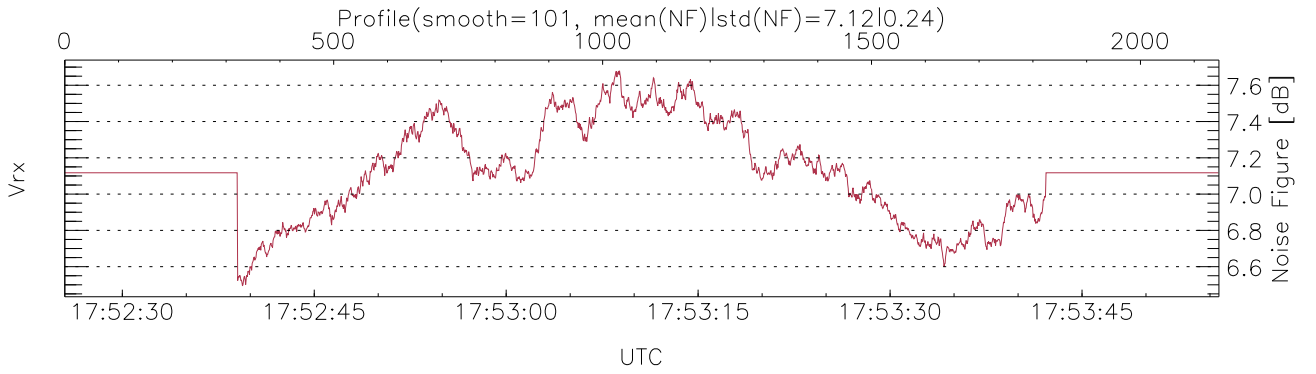
UTC: 17:52:26-17:53:56, Dur: 90.20s
 TimeCor: 0.00s, TimeFlg: 10, TFPstatus CHANGED(#): 1
 TimeInt/PPS(min,max,mn,std): 42.0,84.0,42.0,0.9 ms / 12,24,24
 NumRec(r/t): 2147/2147, 0-2146/17:52:26-17:53:56
 AcqTime: 42.0ms, Rate: 210KB/s, Averages: 140
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2
 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

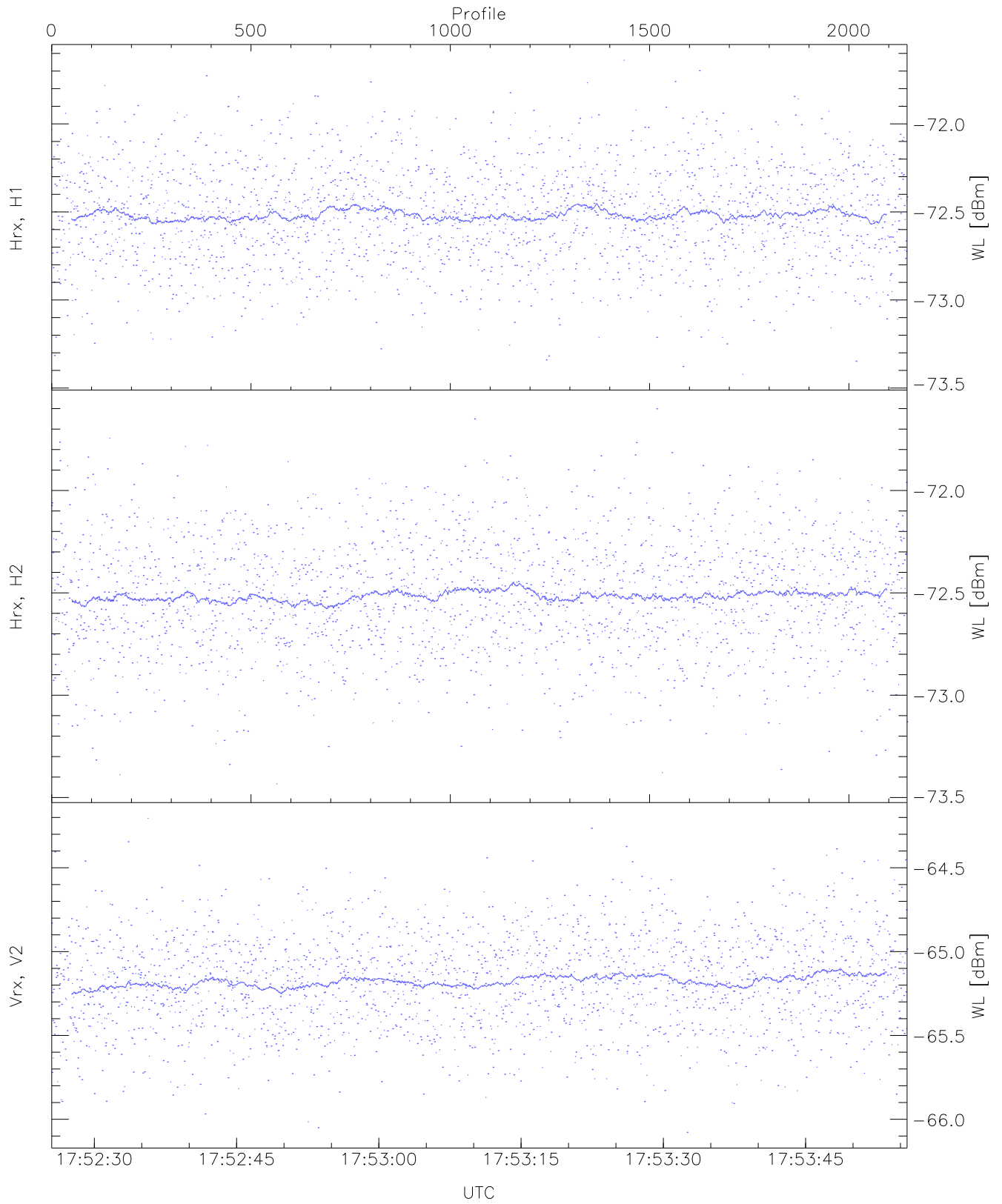


WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator Body, EIK Body

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 80,84,15,21,15,19
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 86,88,16,23,17,20
 LOalarm(20,80,240,2.8,14.8 MHz): 1505,0,0,6,0
 EIK/Modulator Faults: None

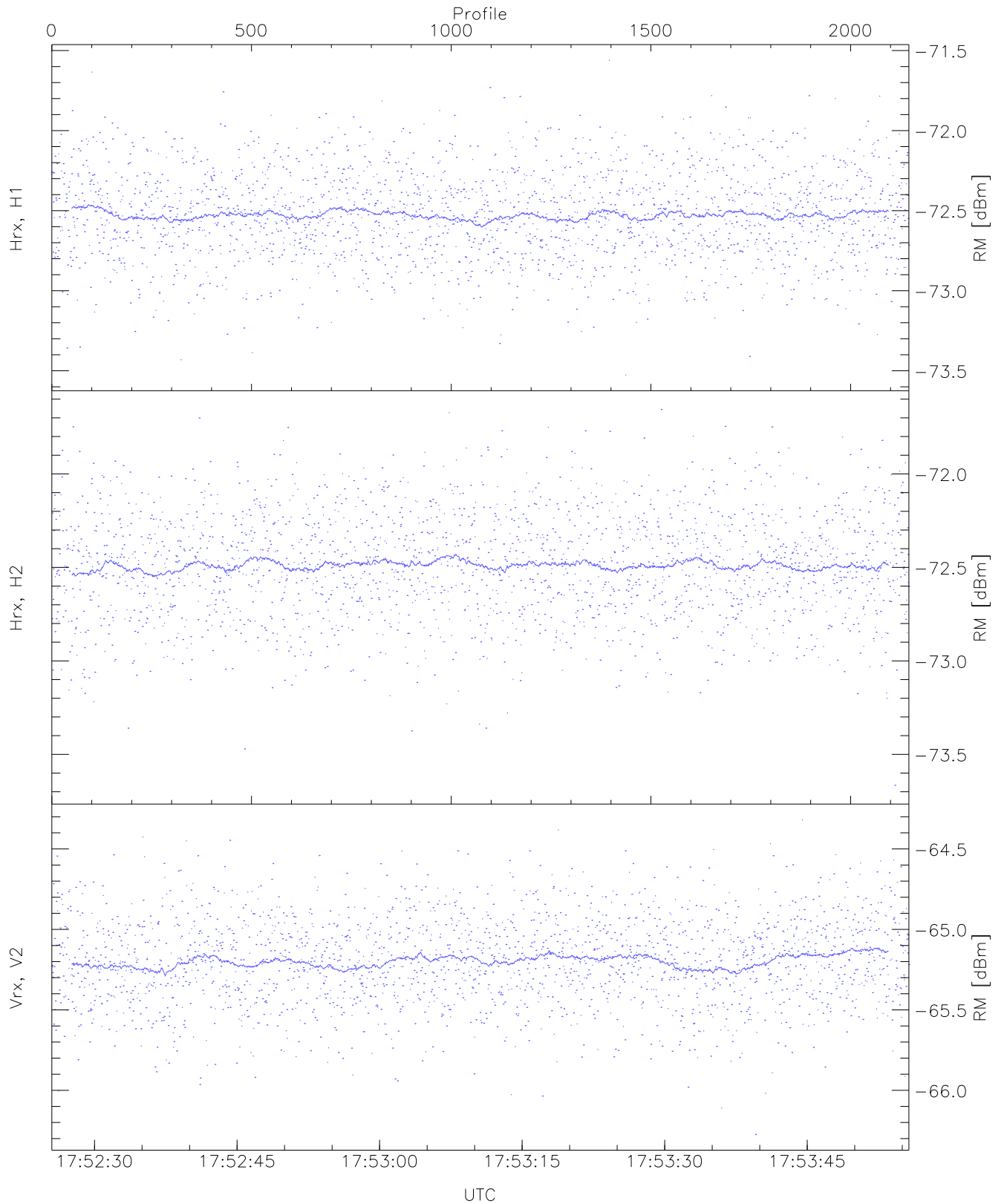
WARNING: <HrxHLn>-<HrxWLn> < 0.05dB for 2 pwr prods.





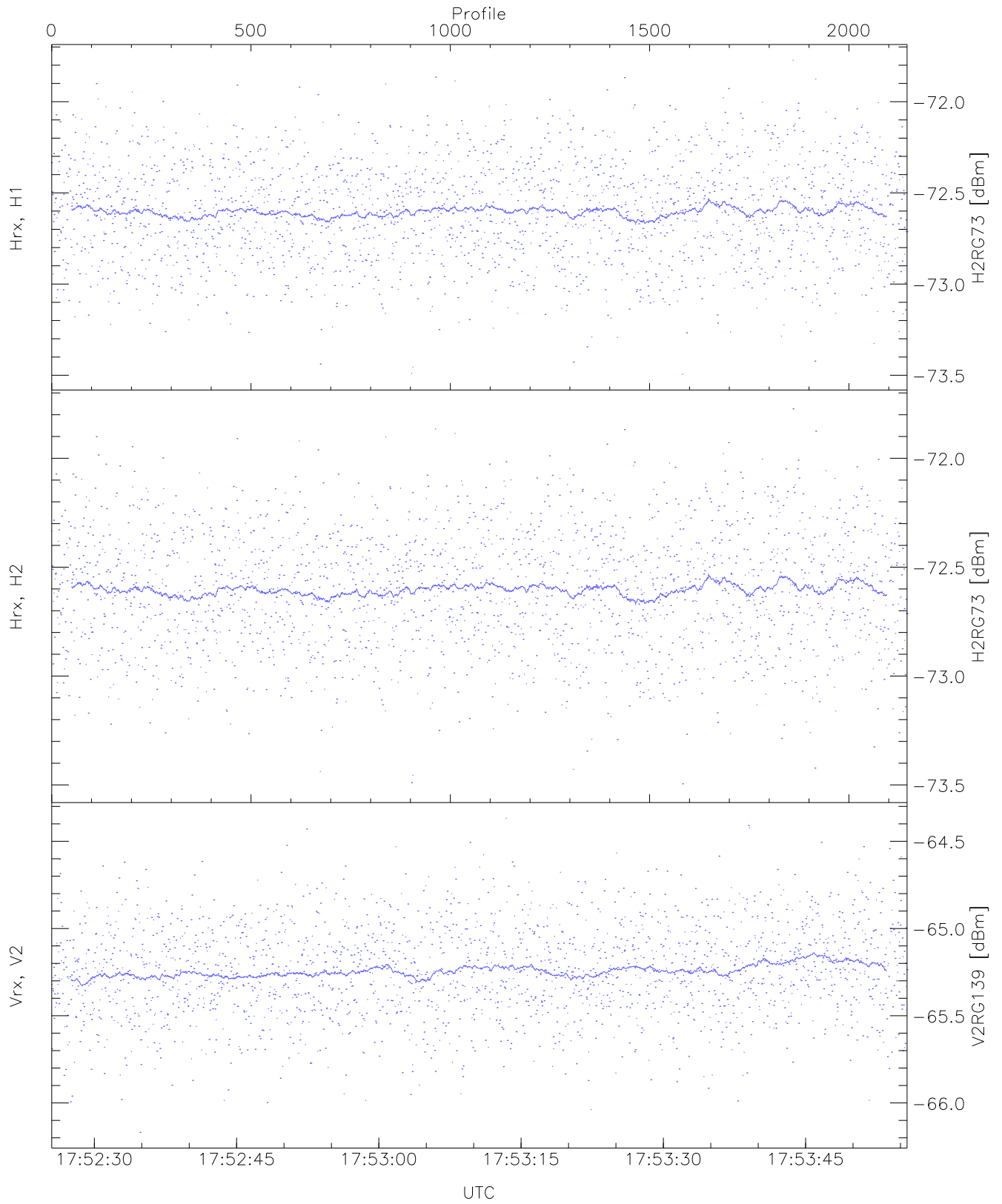
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-73.42	-71.64	-72.51	-72.52	-84.55
Hrx, H2 (WL [dBm])	-73.43	-71.60	-72.51	-72.52	-84.58
Vrx, V2 (WL [dBm])	-66.08	-64.20	-65.17	-65.18	-77.25



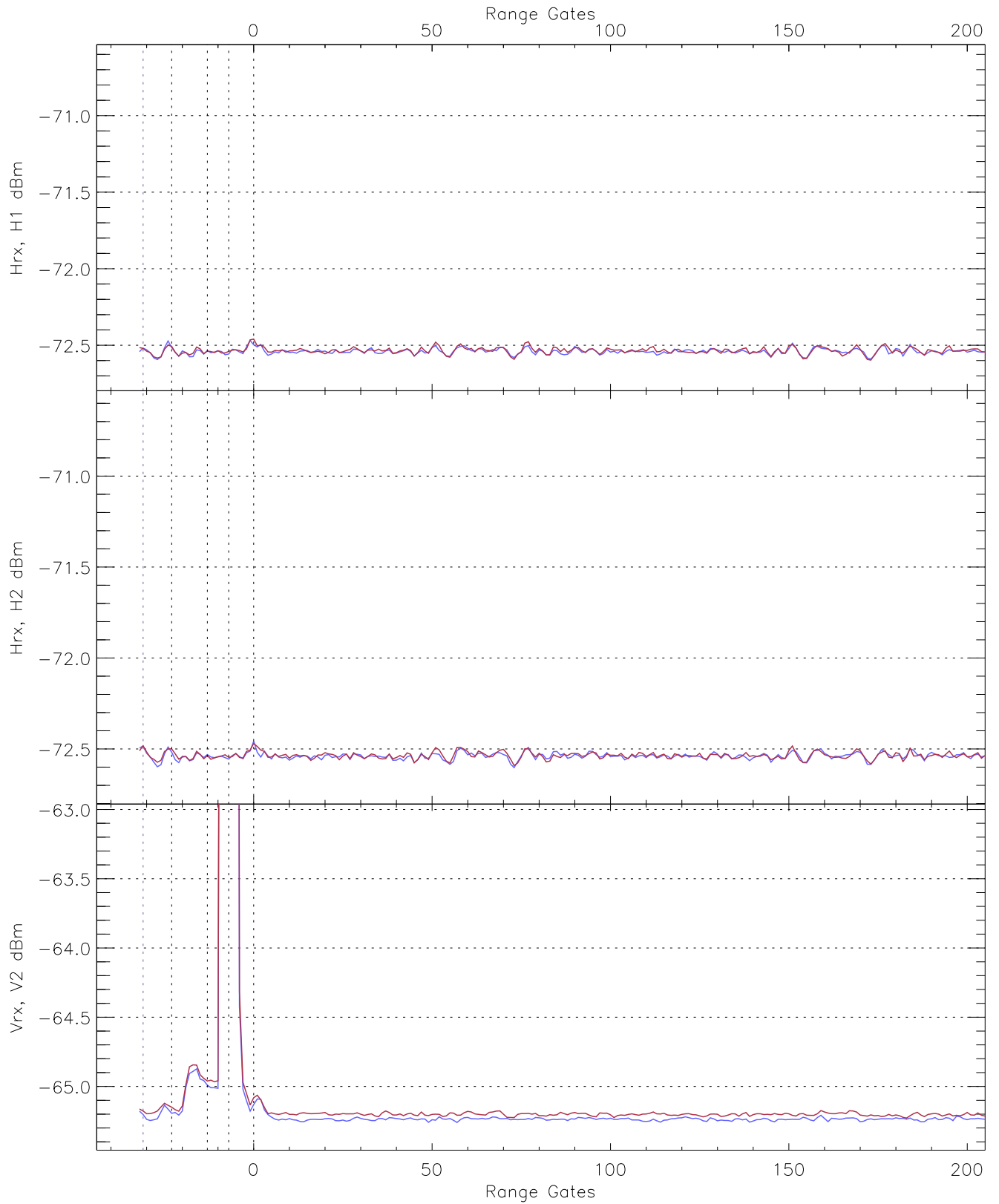
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-73.53	-71.56	-72.52	-72.53	-84.56
Hrx, H2 (RM [dBm])	-73.67	-71.66	-72.48	-72.48	-84.44
Vrx, V2 (RM [dBm])	-66.27	-64.32	-65.19	-65.20	-77.30

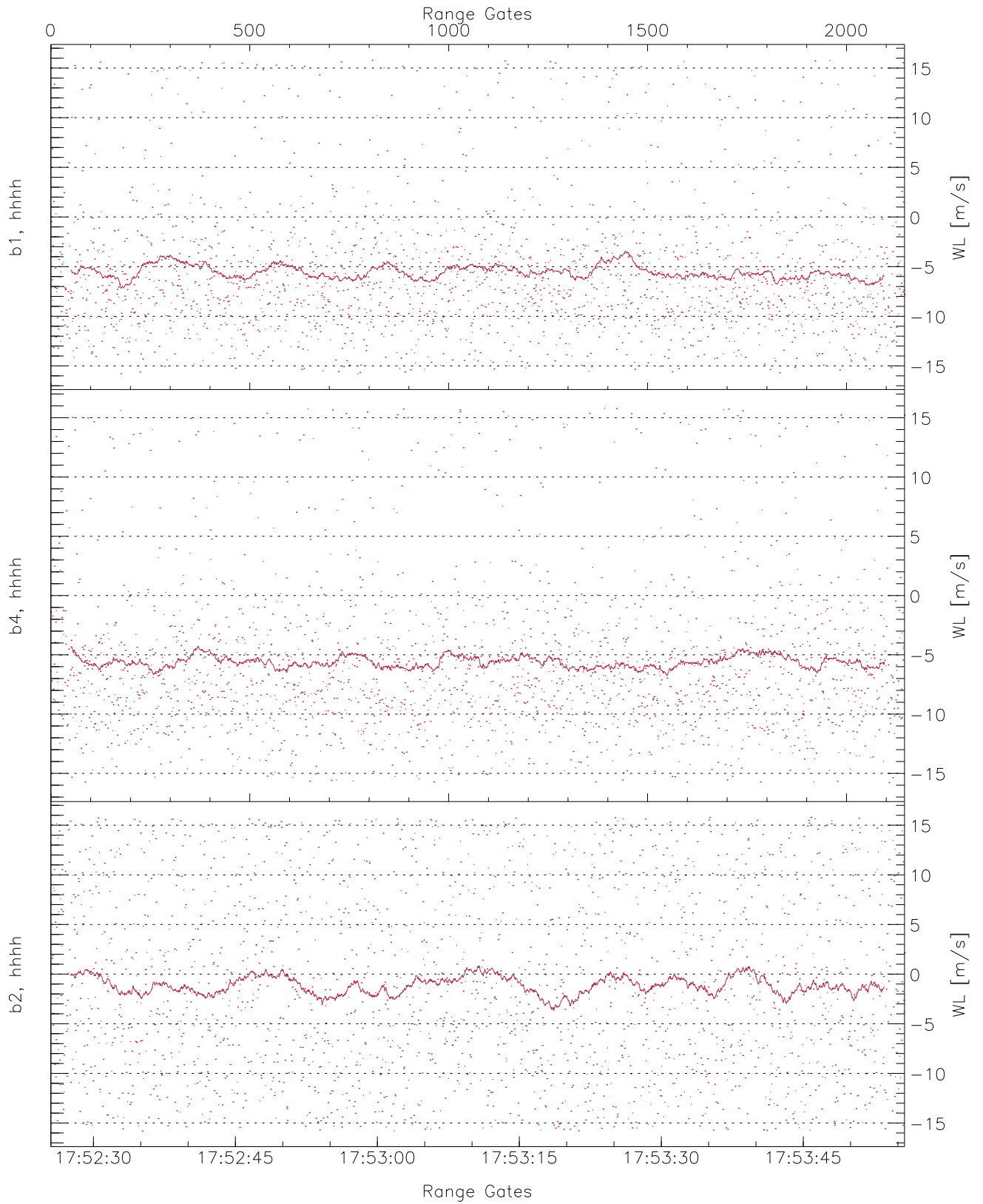


WCR2 CPP "Best" estimate Receivers Noise Power

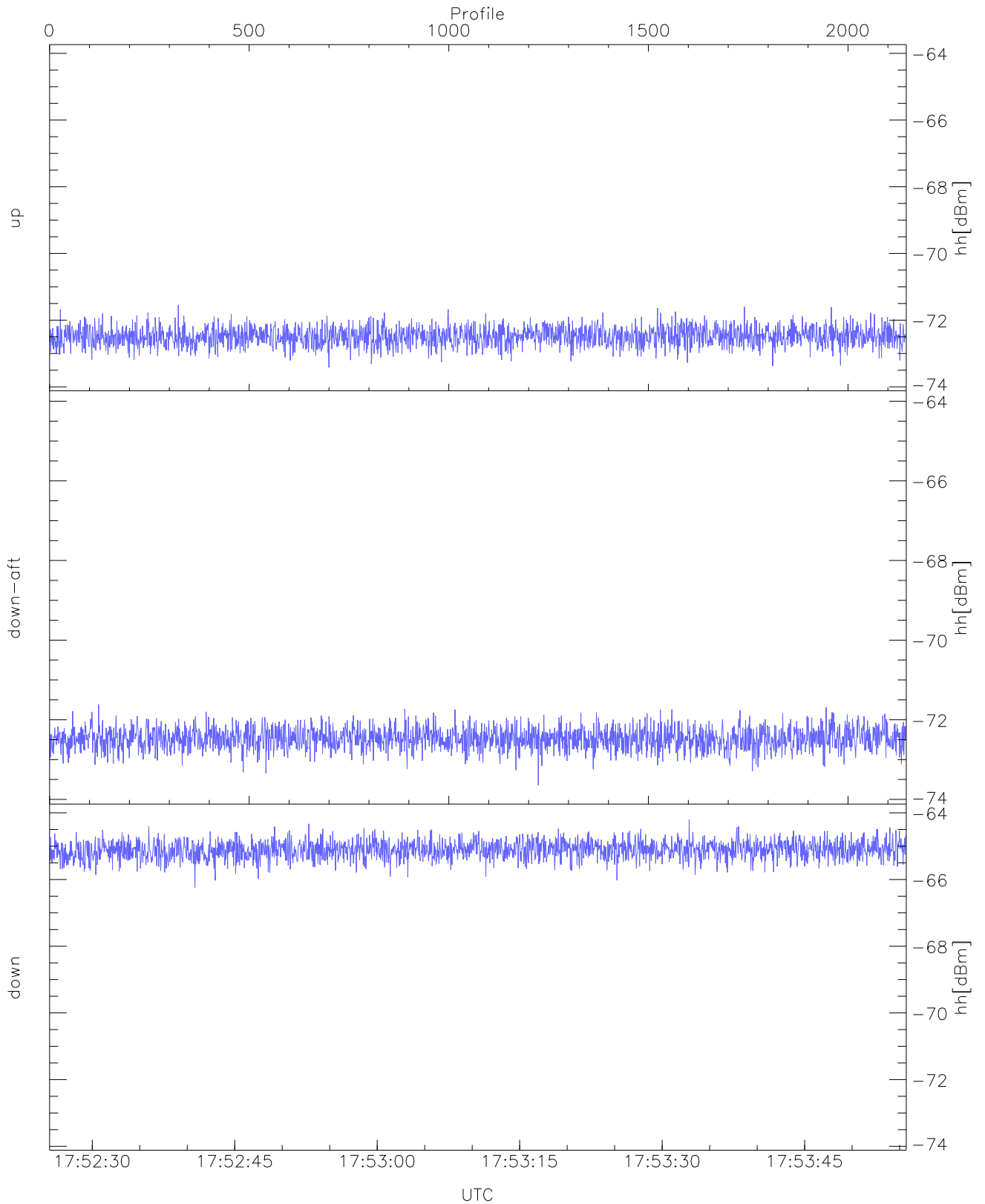
	Min	Max	Mean	Median	StDev
H2RG73 [dBm]	-73.49	-71.77	-72.60	-72.60	-84.66
H2RG73 [dBm]	-73.49	-71.77	-72.60	-72.60	-84.66
V2RG139 [dBm]	-66.17	-64.37	-65.24	-65.25	-77.43



WCR2 CPP Averaged Received power for all recorded gates
blue: 175226-175310, 1074 profiles averaged
red: 175310-175356, 1074 profiles averaged

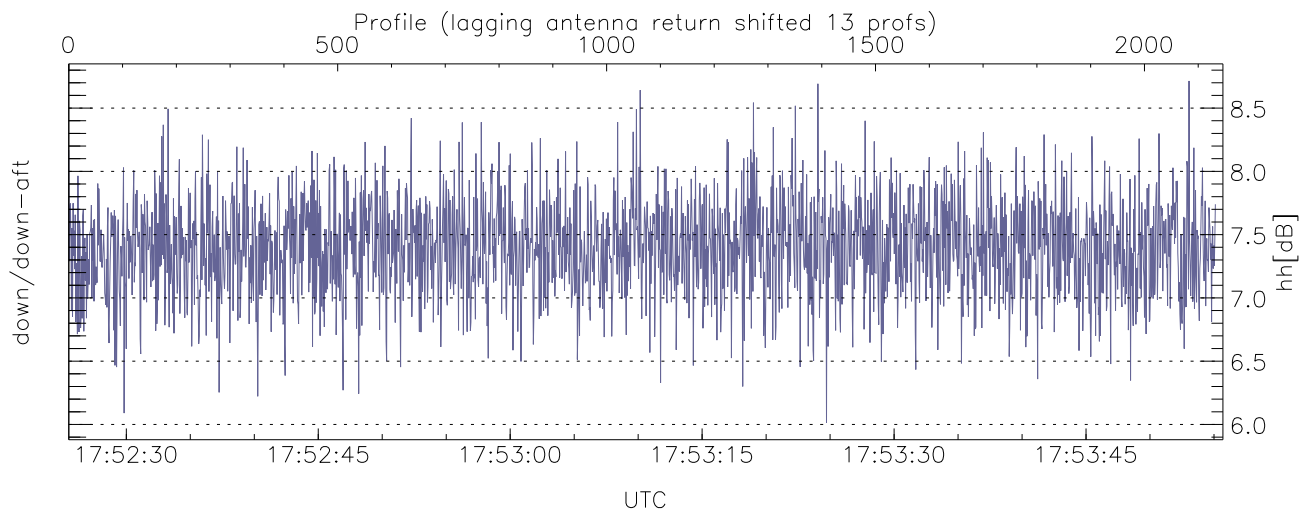
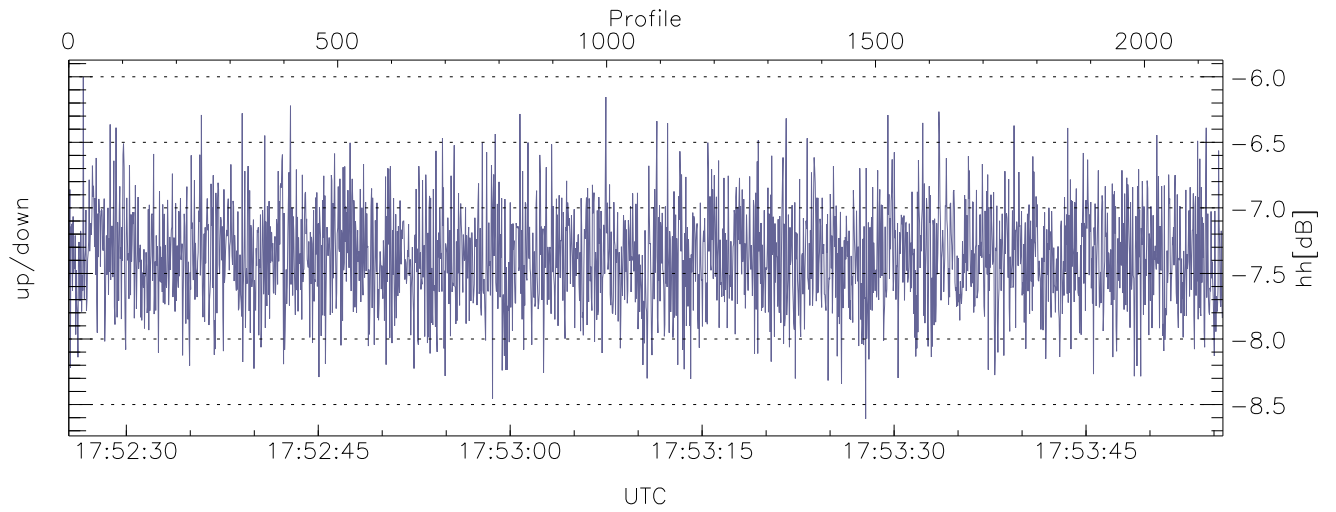


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



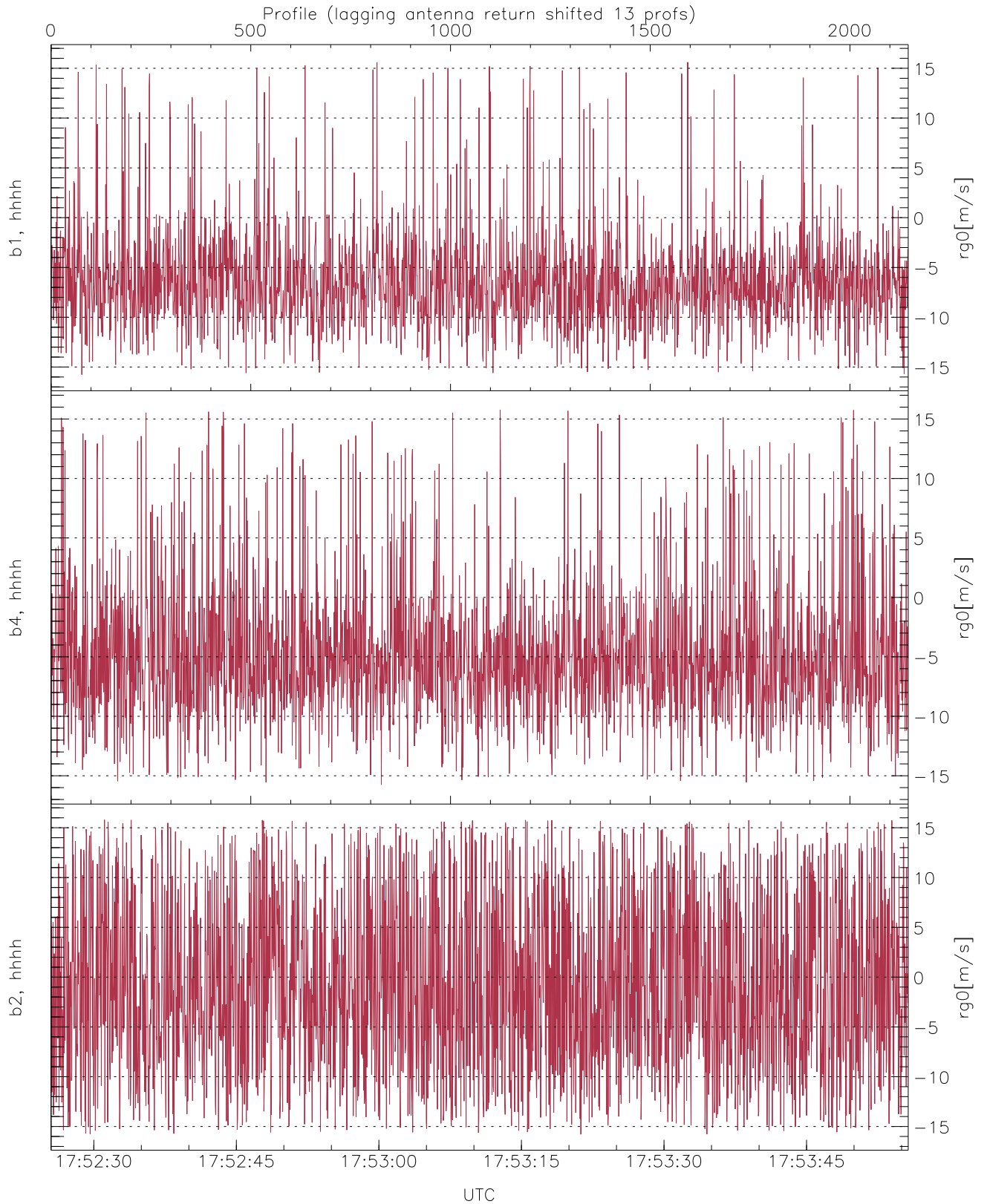
WCR2 CPP Received Power Products for Range gate 0 (105.1 m)

	Min	Max	Mean
up(hh[dBm])	-73.42	-71.55	-72.48
down-aft(hh[dBm])	-73.64	-71.62	-72.46
down(hh[dBm])	-66.24	-64.21	-65.11



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

	Min	Max	Mean
up/down(hh[dB])	-8.61	-6.00	-7.40
down/down-aft(hh[dB])	6.01	8.71	7.40



WCR2 CPP Doppler Velocity Products at 105.1 m range

	Min	Max	Mean	StDev
b1, hhhh(rg0[m/s])	-15.77	15.62	-6.29	4.94
b4, hhhh(rg0[m/s])	-15.76	15.77	-4.79	5.74
b2, hhhh(rg0[m/s])	-15.79	15.80	-0.90	8.67