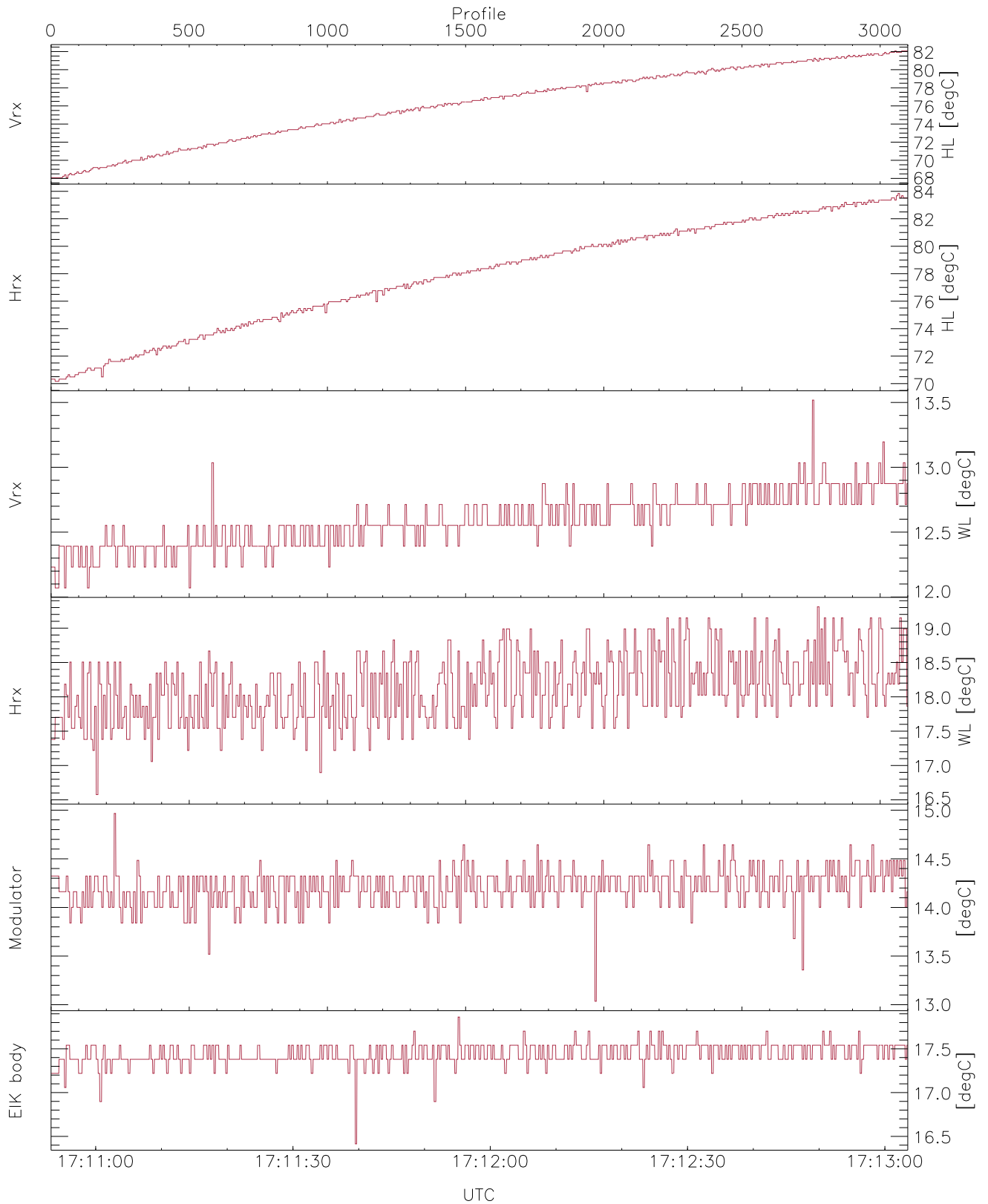


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

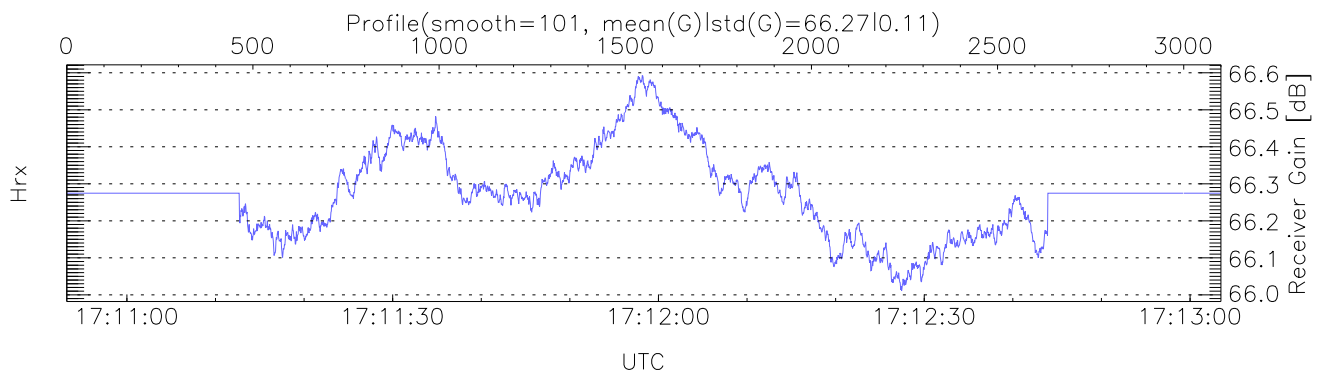
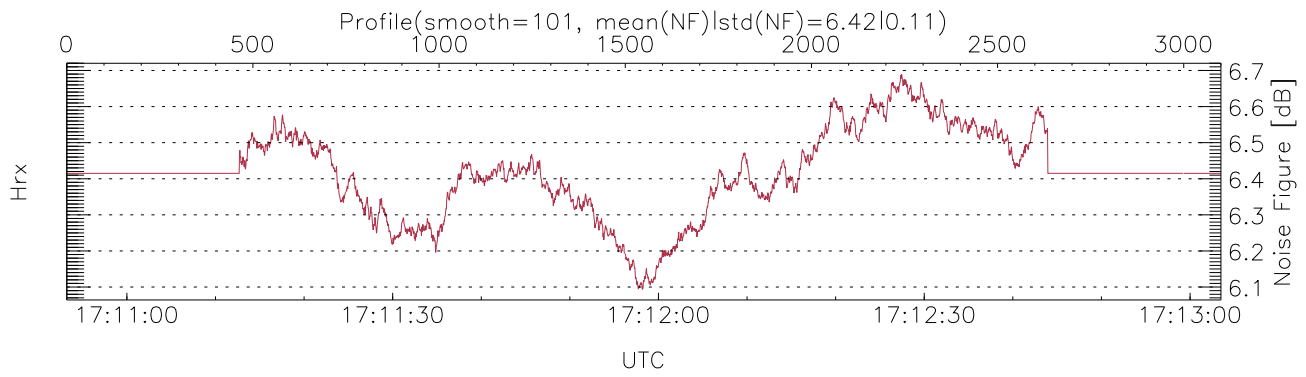
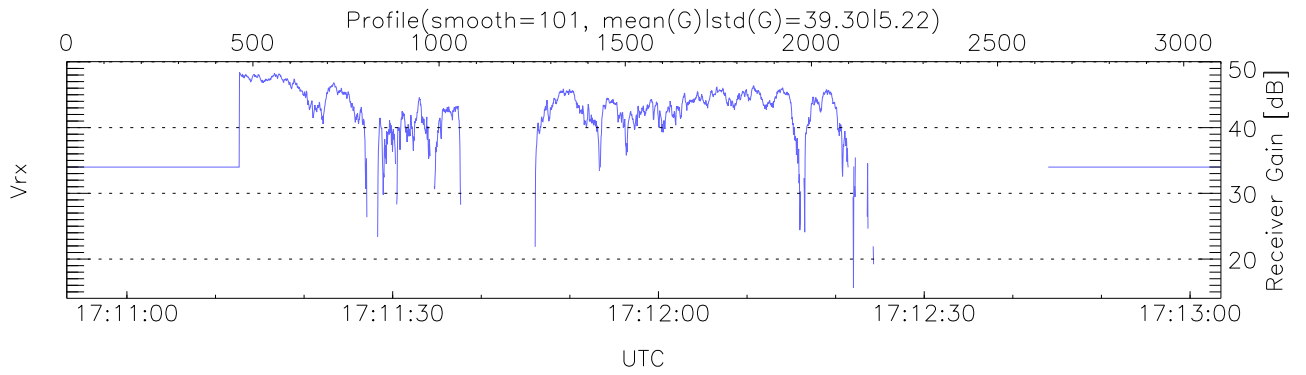
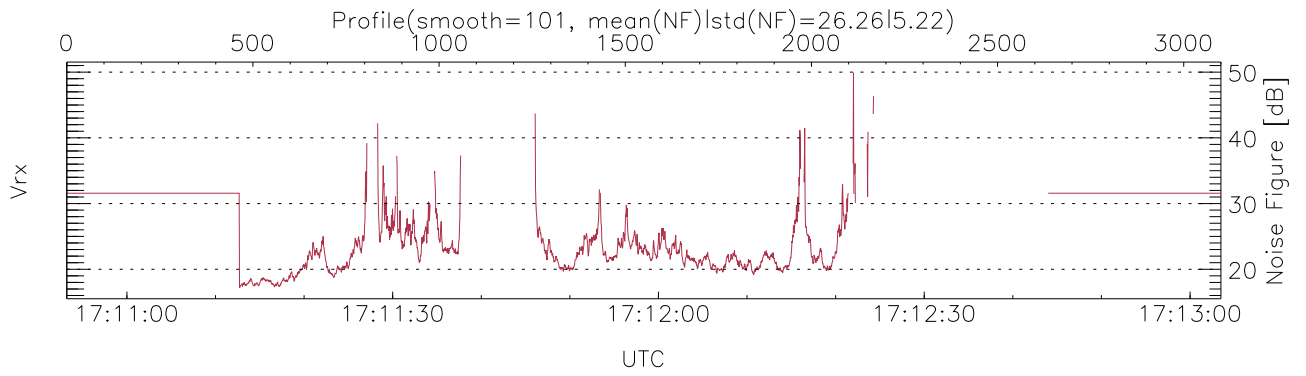
UTC: 17:10:53-17:13:03, Dur: 130.28s
 TimeCor: 0.00s, TimeFlg: 10, TFPstatus CHANGED(#): 1
 TimeInt/PPS(min,max,mn,std): 0.0,84.0,42.0,2.0 ms / 12,-2147483648,24
 NumRec(r/t): 3101/3101, 0-3100/17:10:53-17:13:03
 AcqTime: 42.0ms, Rate: 210KB/s, Averages: 140
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 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

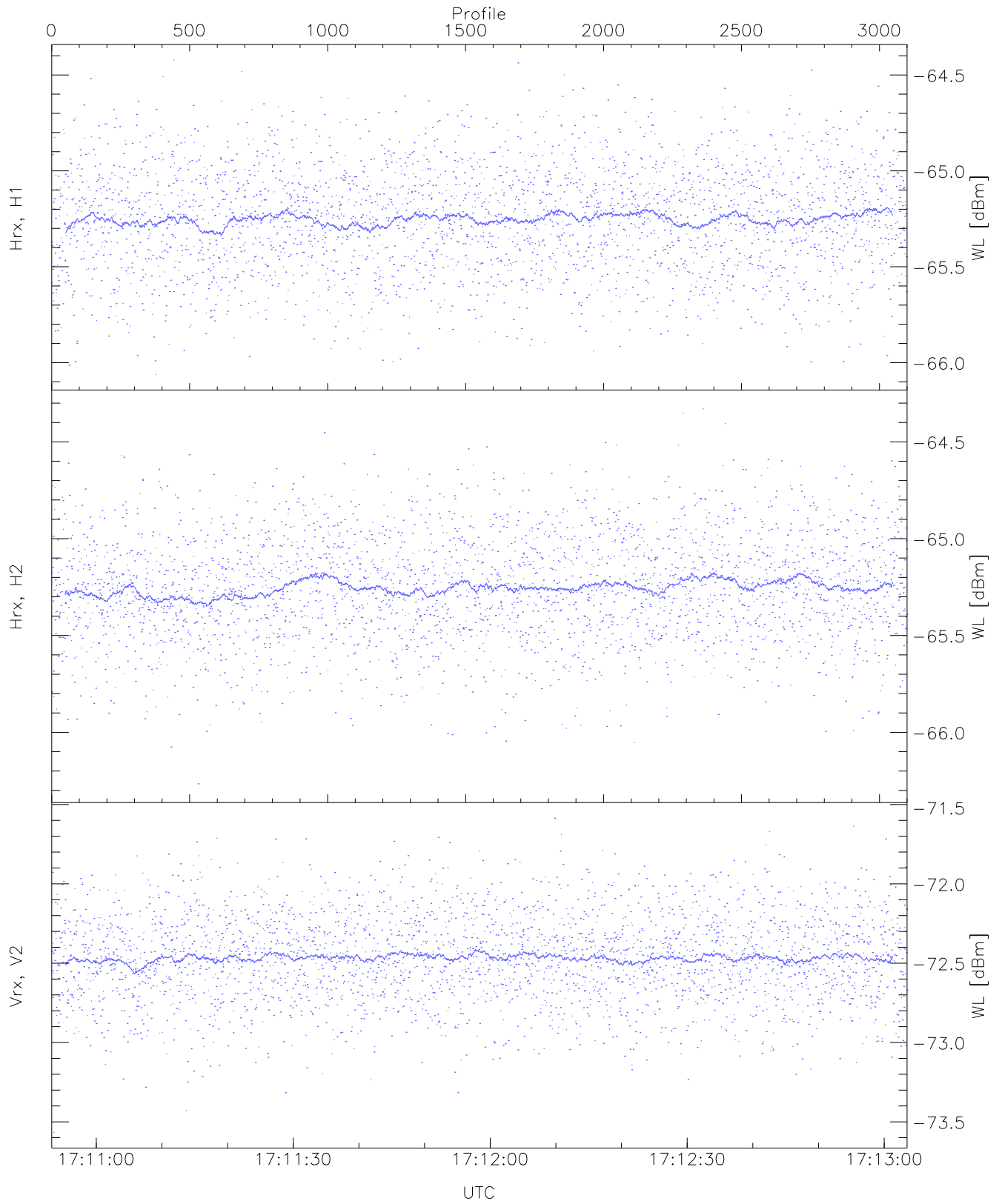


WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator Body, EIK Body

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 68,70,12,16,13,16
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 82,83,13,19,14,17
 LOalarm(20,80,240,2.8,14.8 MHz): 3101,0,0,0,0
 EIK/Modulator Faults: None

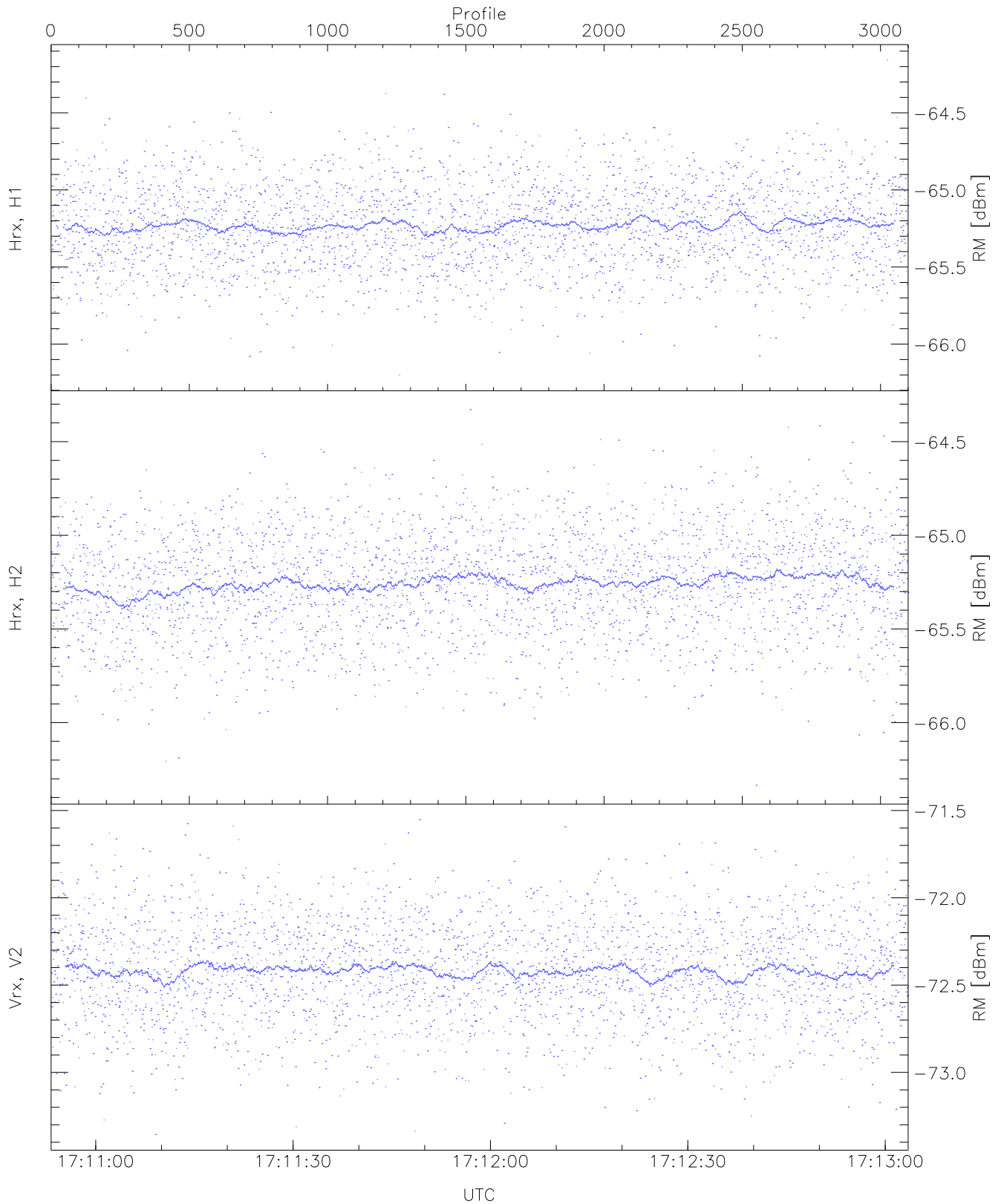
WARNING: <VrxHLn>-<VrxWLn> < 0.05dB for 1 pwr prods.





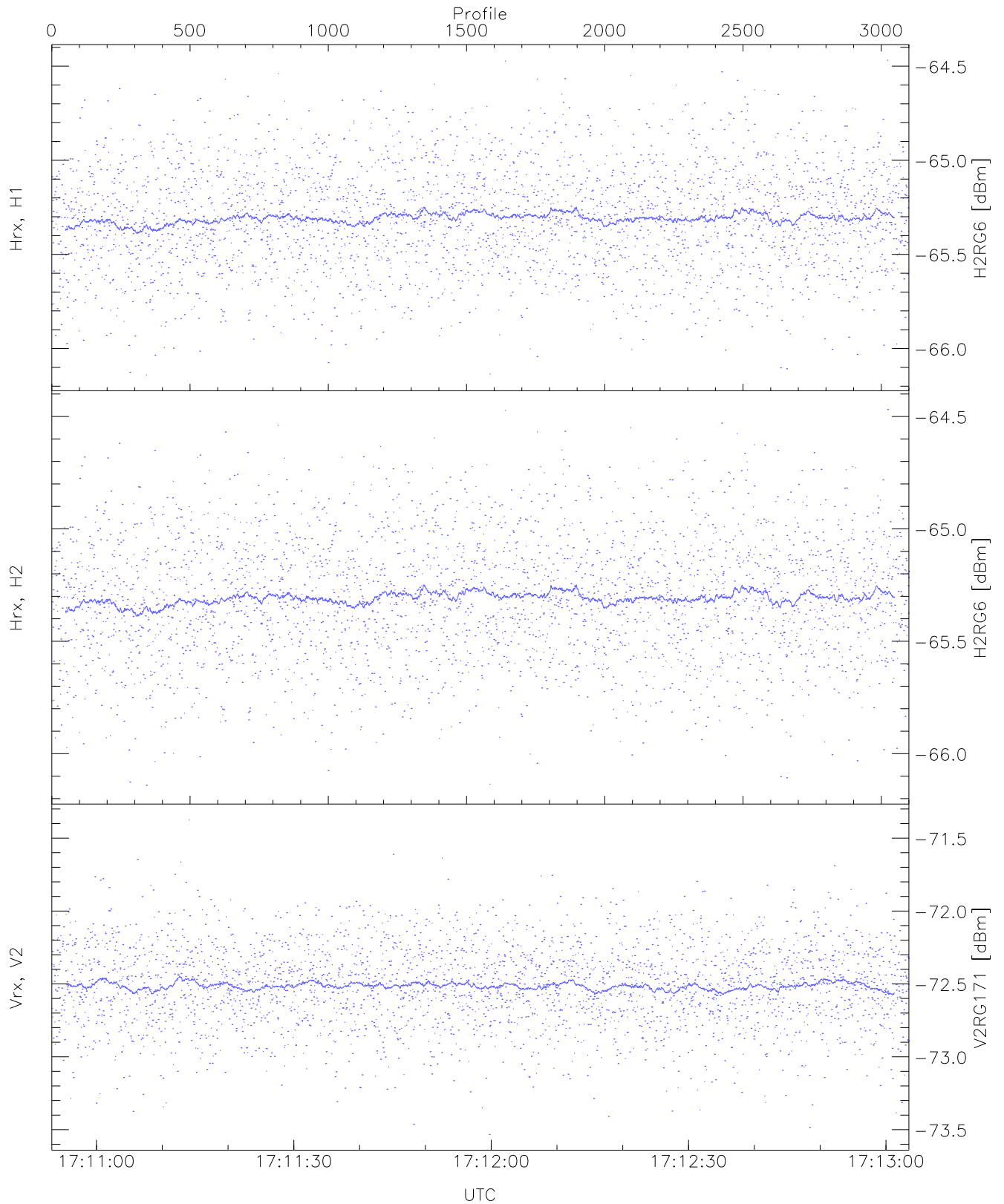
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.06	-64.42	-65.25	-65.24	-77.35
Hrx, H2 (WL [dBm])	-66.27	-64.33	-65.25	-65.26	-77.41
Vrx, V2 (WL [dBm])	-73.57	-71.59	-72.46	-72.47	-84.58



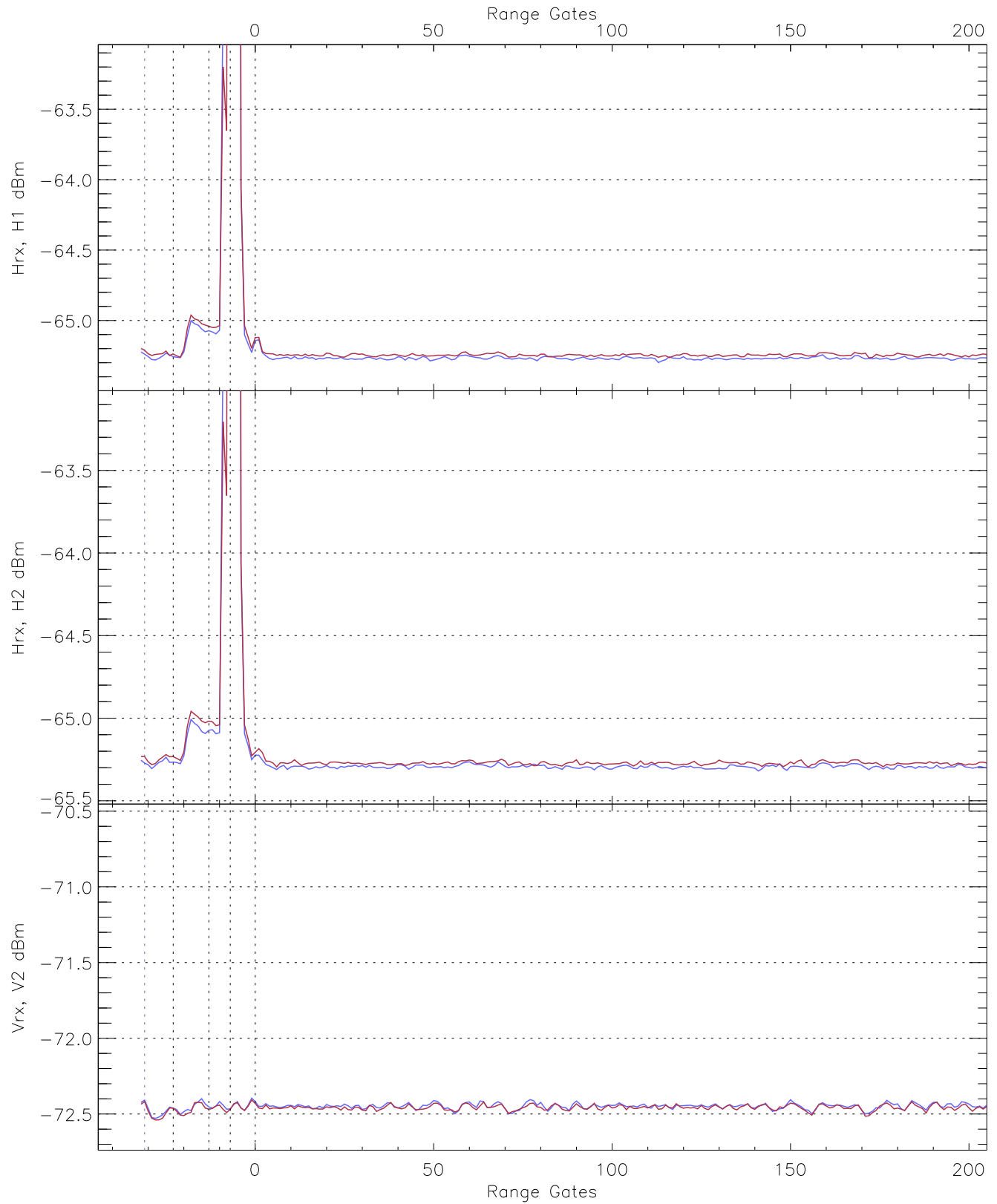
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.20	-64.16	-65.23	-65.24	-77.41
Hrx, H2 (RM [dBm])	-66.33	-64.33	-65.25	-65.25	-77.41
Vrx, V2 (RM [dBm])	-73.36	-71.55	-72.41	-72.42	-84.44

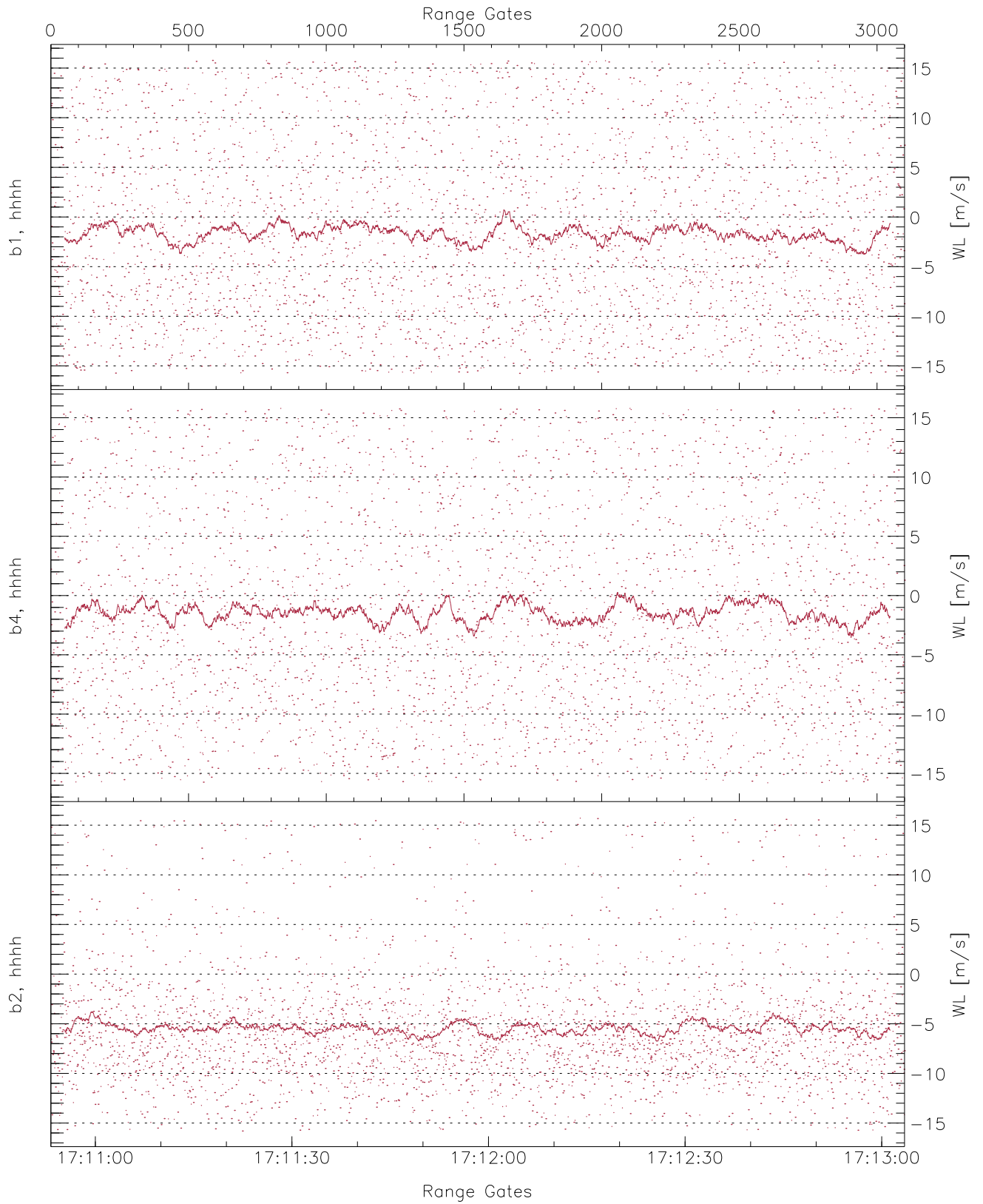


WCR2 CPP "Best" estimate Receivers Noise Power

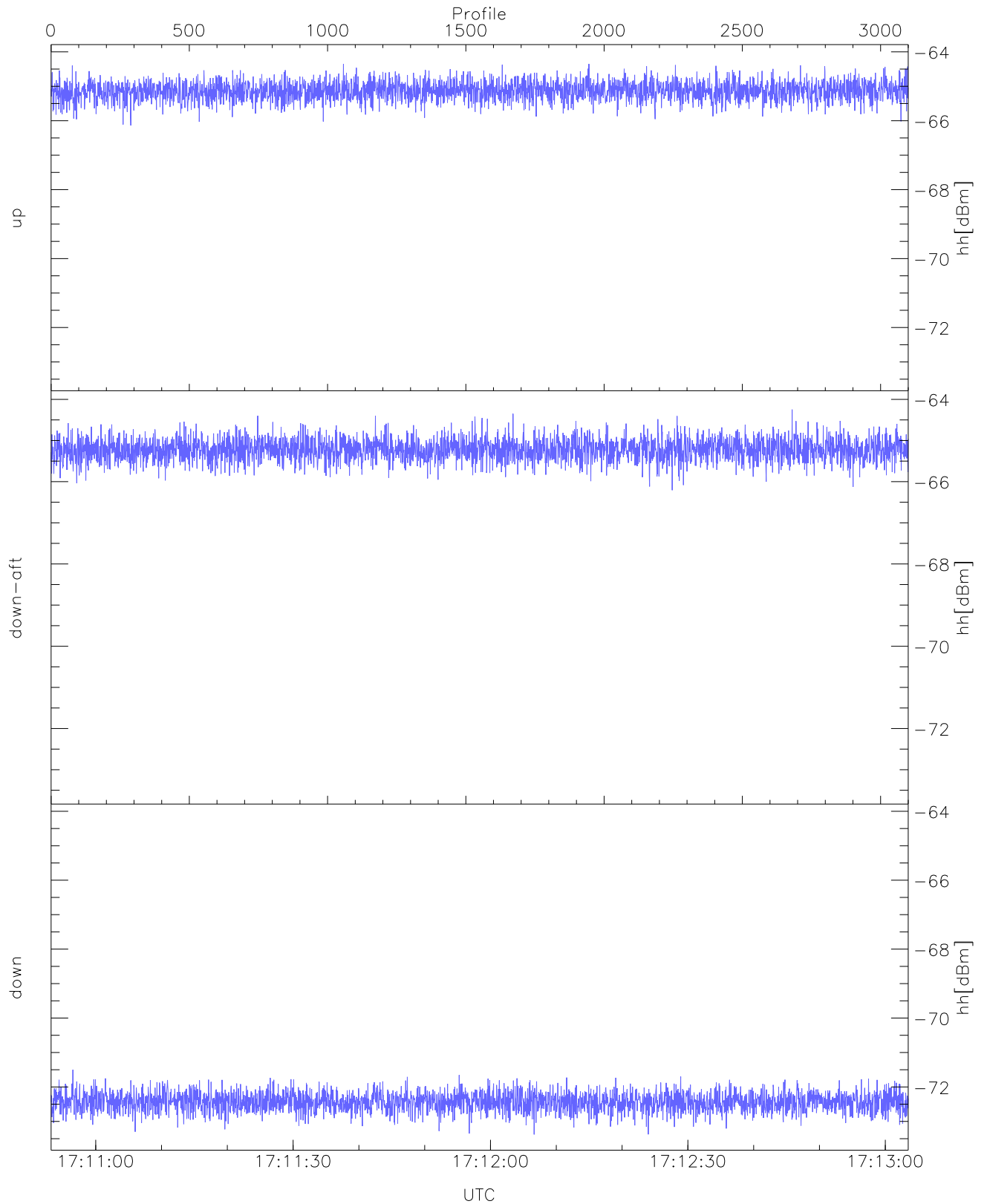
	Min	Max	Mean	Median	StDev
H2RG6 [dBm]	-66.14	-64.47	-65.30	-65.31	-77.43
H2RG6 [dBm]	-66.14	-64.47	-65.30	-65.31	-77.43
V2RG171 [dBm]	-73.53	-71.37	-72.51	-72.51	-84.49



WCR2 CPP Averaged Received power for all recorded gates
blue: 171053-171158, 1551 profiles averaged
red: 171158-171303, 1551 profiles averaged

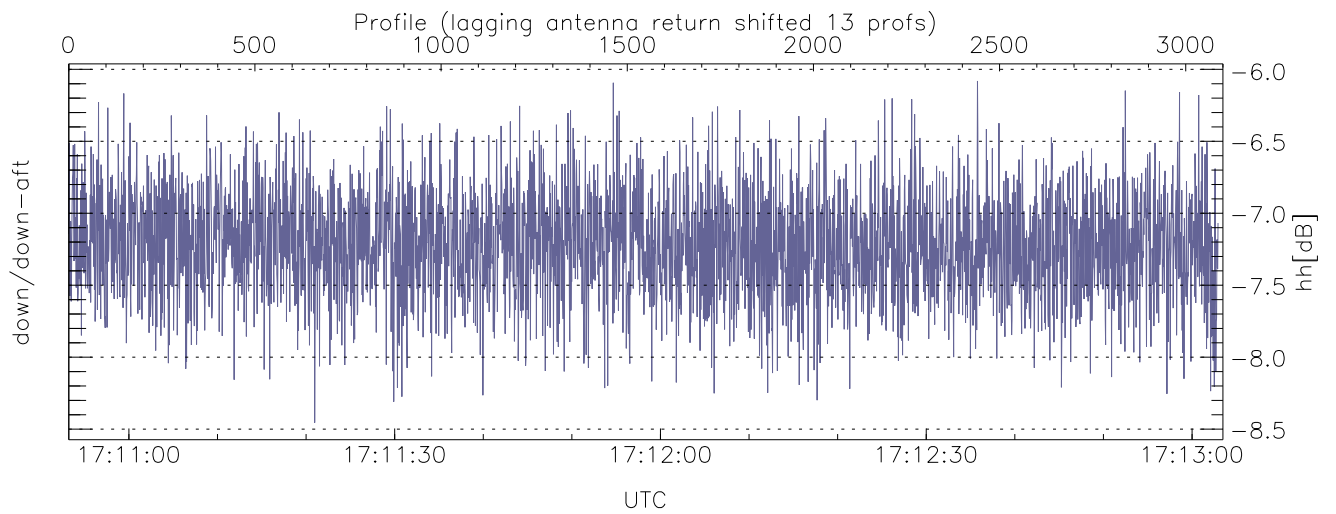
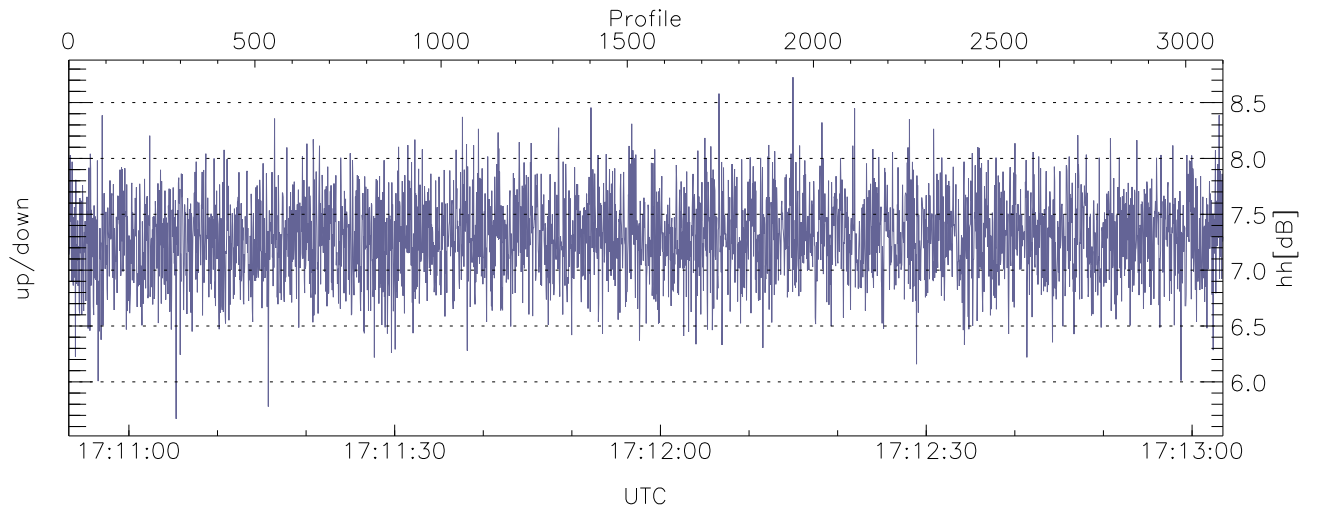


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



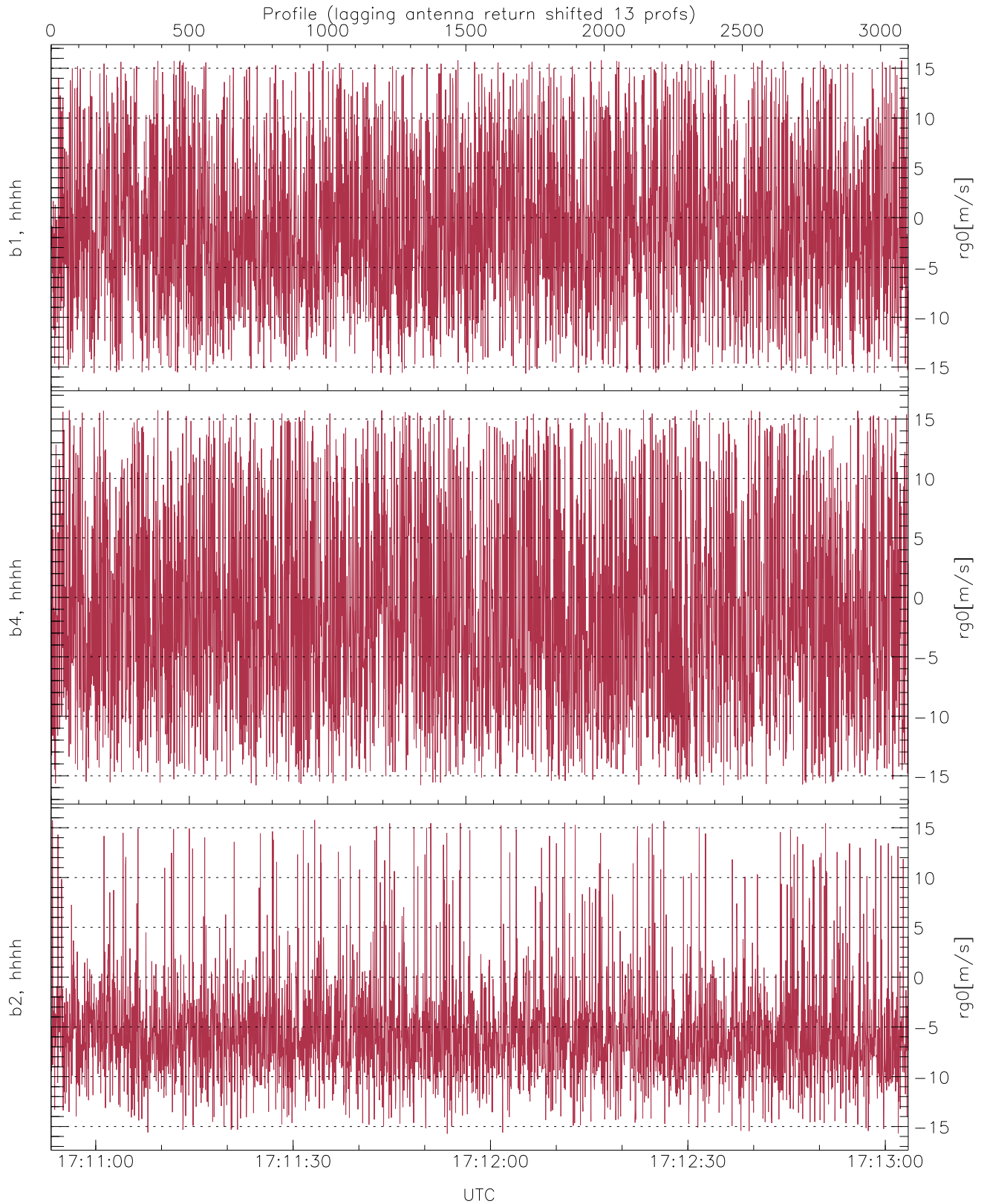
WCR2 CPP Received Power Products for Range gate 0 (105.1 m)

	Min	Max	Mean
up(hh[dBm])	-66.14	-64.35	-65.13
down-aft(hh[dBm])	-66.21	-64.25	-65.21
down(hh[dBm])	-73.38	-71.50	-72.42



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

	Min	Max	Mean
up/down(hh[dB])	5.67	8.73	7.32
down/down-aft(hh[dB])	-8.45	-6.08	-7.22



WCR2 CPP Doppler Velocity Products at 105.1 m range

	Min	Max	Mean	StDev
b1, hhhh(rg0[m/s])	-15.75	15.79	-1.04	8.15
b4, hhhh(rg0[m/s])	-15.80	15.78	-1.38	8.59
b2, hhhh(rg0[m/s])	-15.72	15.78	-5.49	5.32