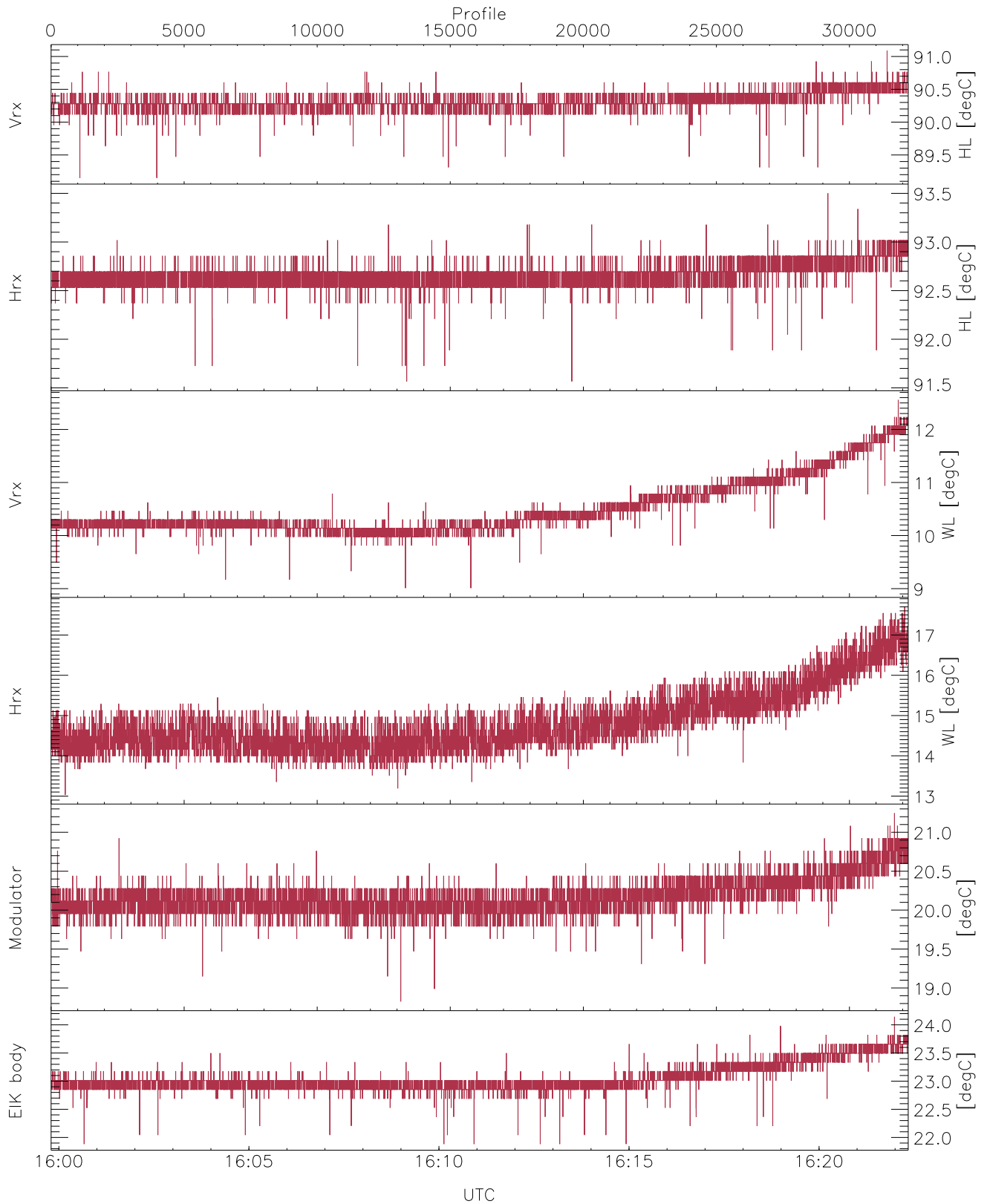


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

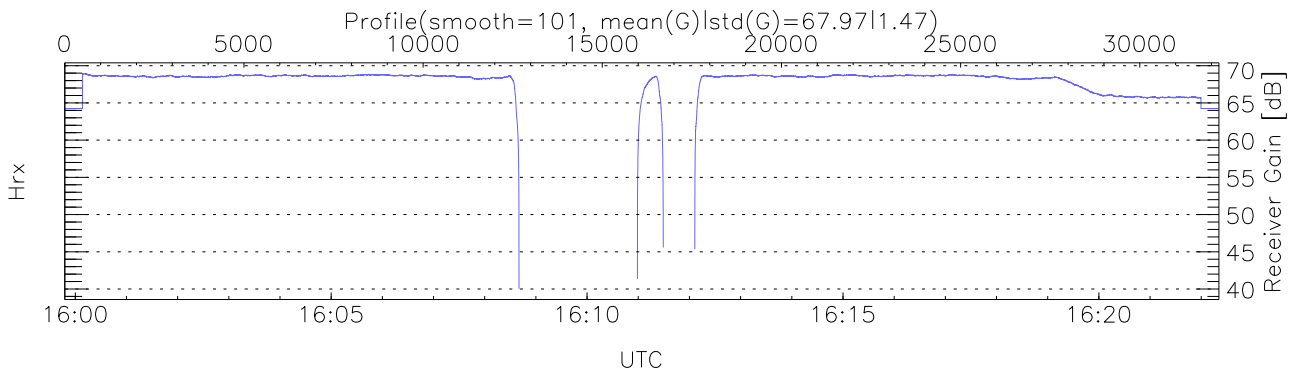
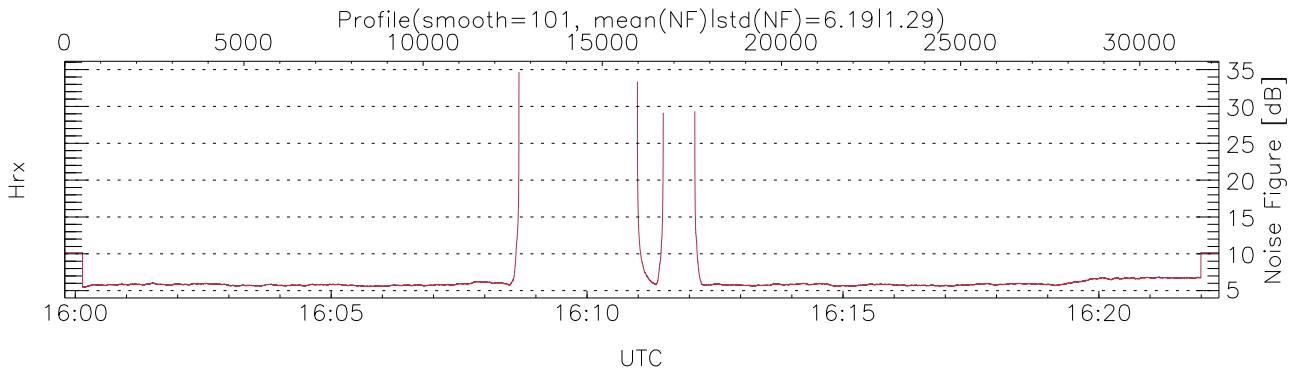
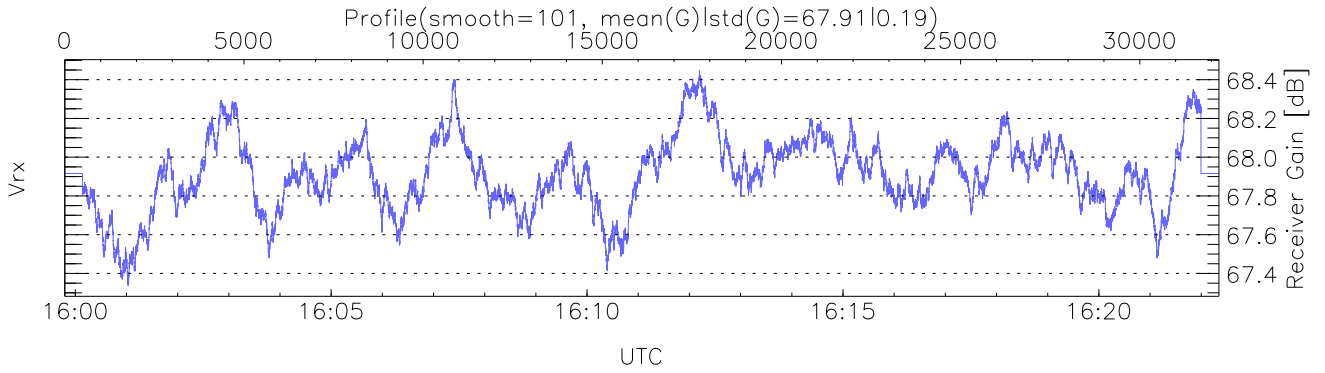
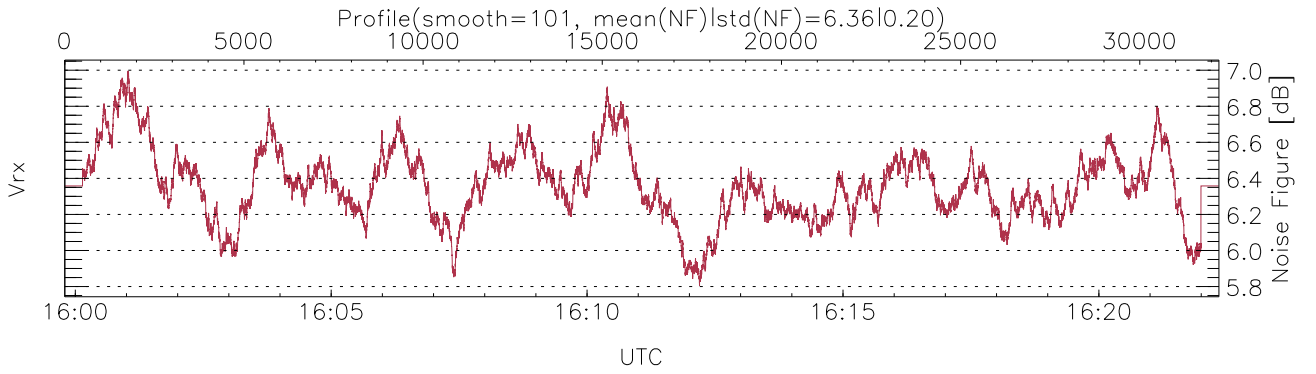
UTC: 15:59:48-16:22:21, Dur: 1353.12s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 42.0,42.0,42.0,0.0 ms / 24,24,24
 NumRec(r/t): 32210/32210, 0-32209/15:59:48-16:22:21
 AcqTime: 42.0ms, Rate: 377KB/s, Averages: 140
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us
 Range(min,max,rgs): 105,6187,15.0 m, Gates: 406, Aspect: 3.1

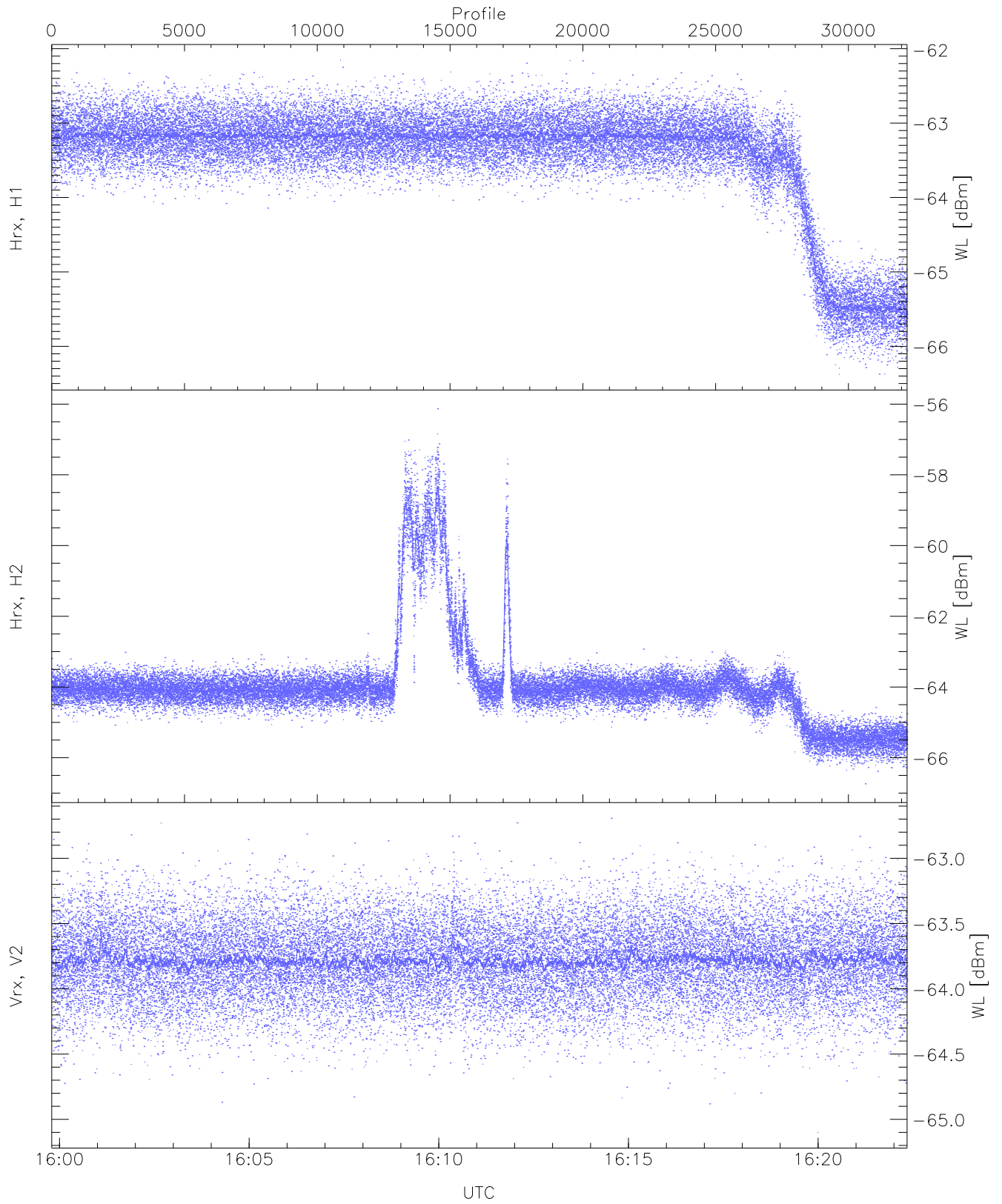


WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator Body, EIK Body

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 89,91,9,13,18,21
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,12,17,21,24
 LOalarm(20,80,240,2.8,14.8 MHz): 18,0,0,37,0
 EIK/Modulator Faults: None

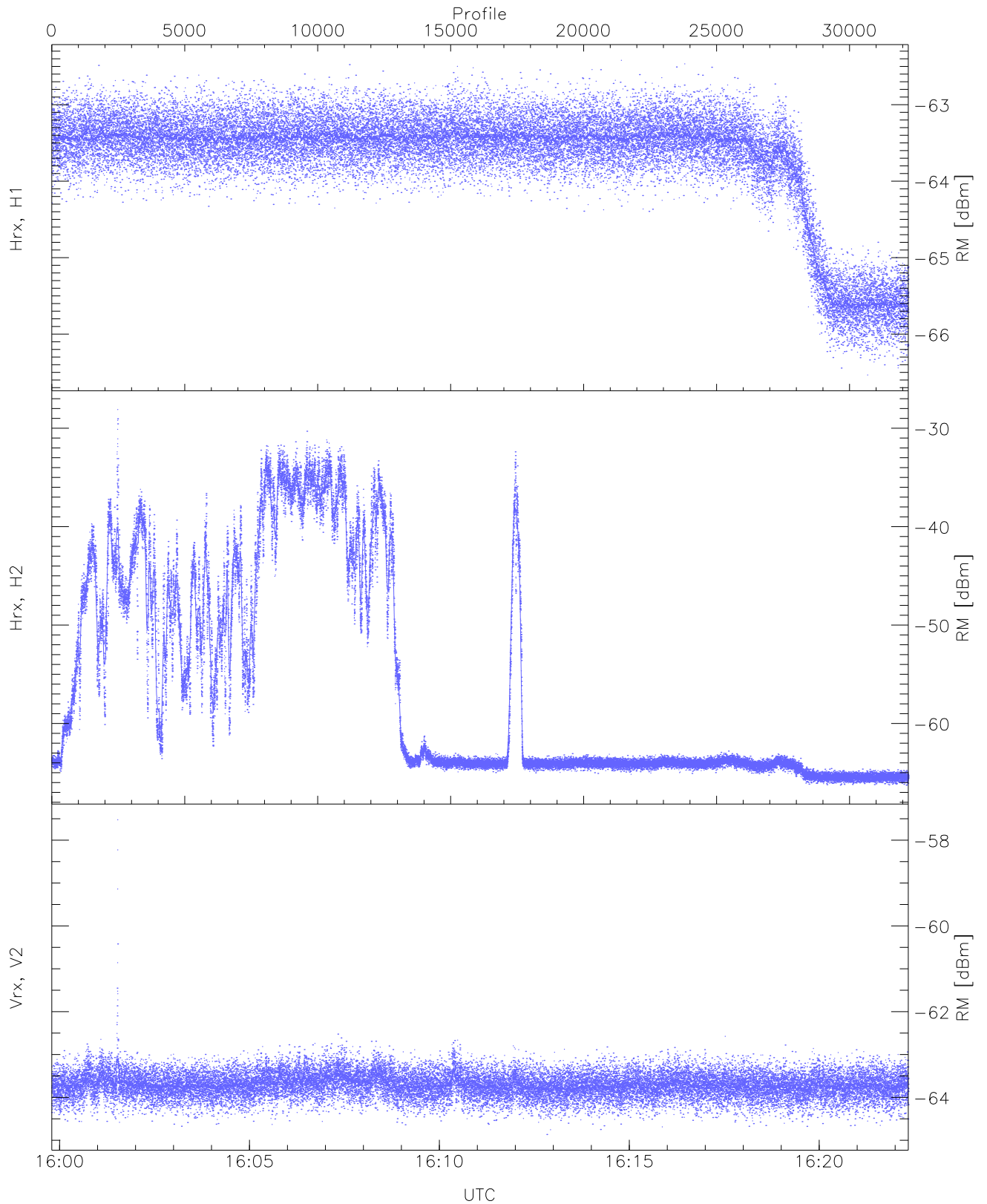
WARNING: <HrxHLn>-<HrxWLn> < 0.05dB for 1 pwr prods.





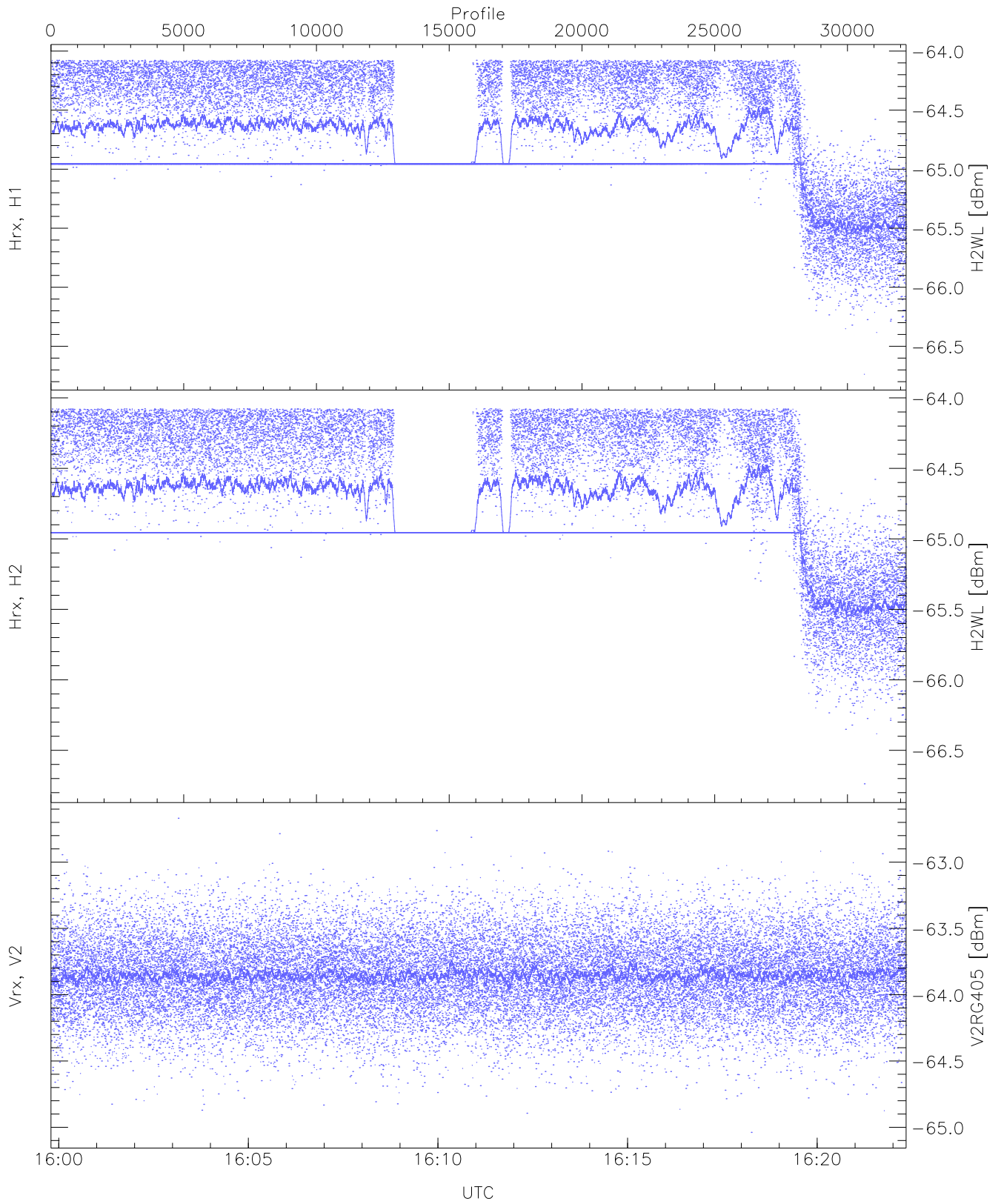
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.38	-62.16	-63.40	-63.24	-71.68
Hrx, H2 (WL [dBm])	-66.74	-56.13	-63.66	-64.08	-67.10
Vrx, V2 (WL [dBm])	-65.10	-62.69	-63.78	-63.78	-75.90



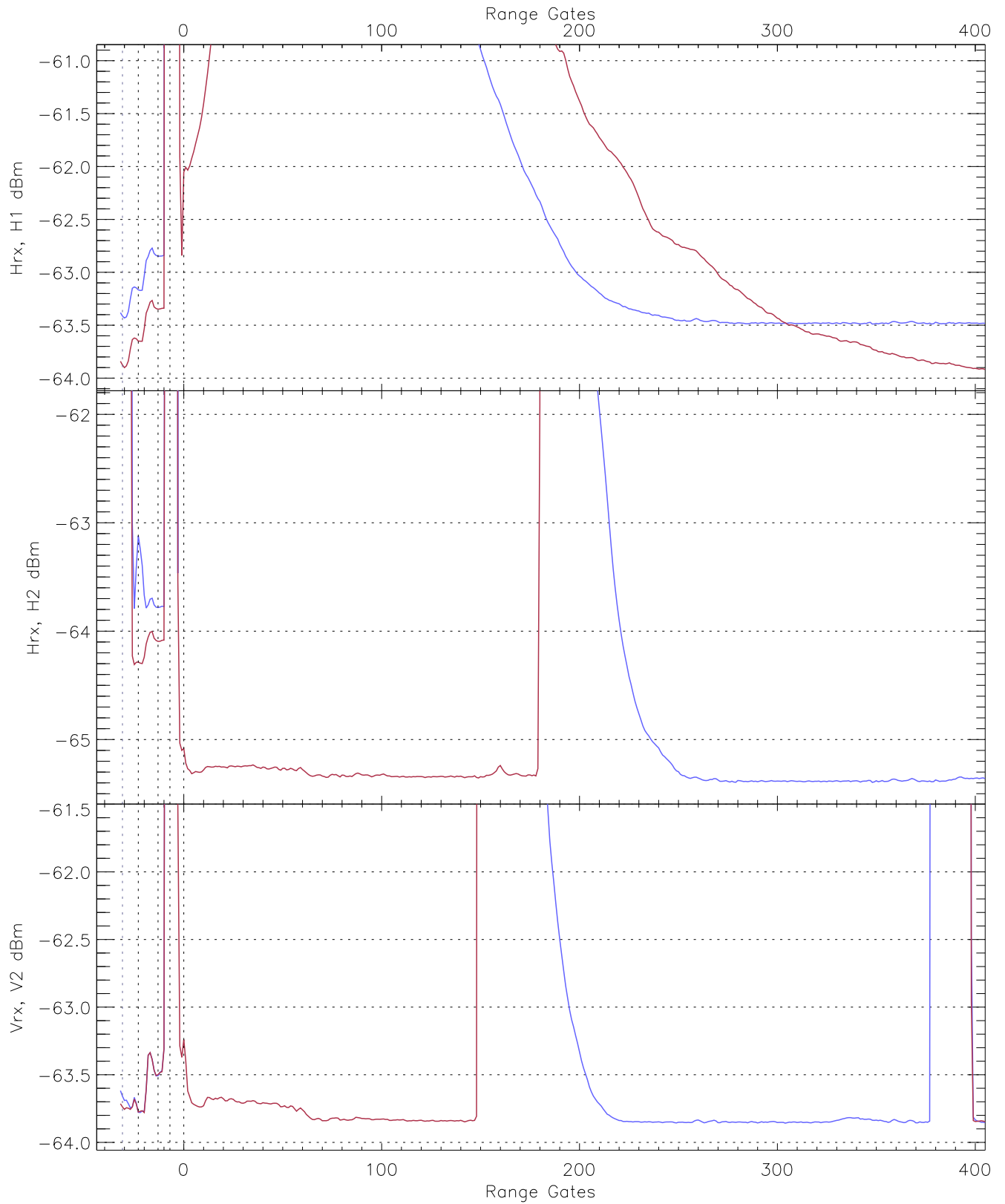
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.53	-62.42	-63.64	-63.49	-72.06
Hrx, H2 (RM [dBm])	-66.27	-28.10	-43.83	-63.72	-40.17
Vrx, V2 (RM [dBm])	-64.87	-57.52	-63.70	-63.71	-75.23

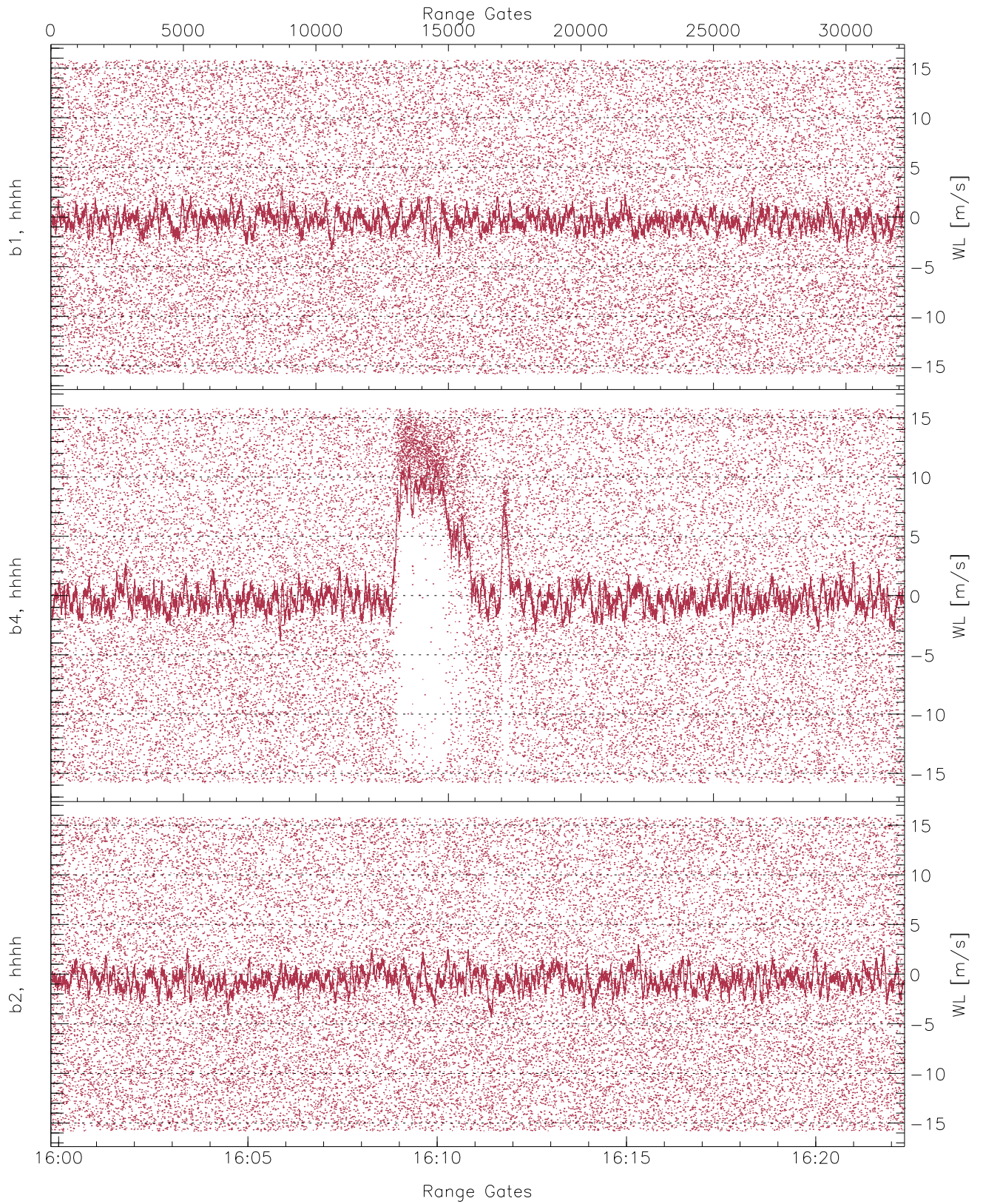


WCR2 CPP "Best" estimate Receivers Noise Power

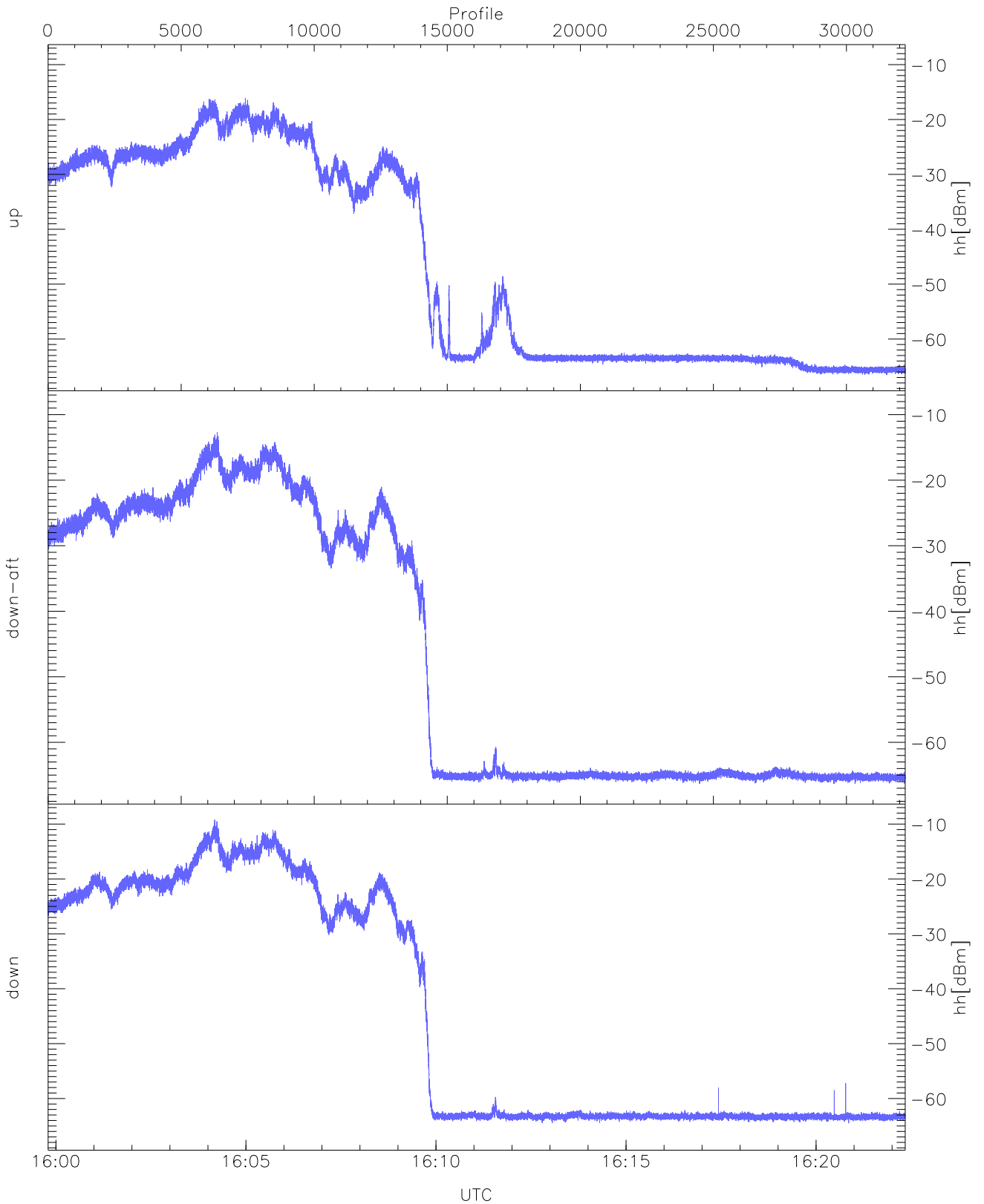
	Min	Max	Mean	Median	StDev
H2WL [dBm]	-66.74	-64.08	-64.75	-64.96	-74.90
H2WL [dBm]	-66.74	-64.08	-64.75	-64.96	-74.90
V2RG405 [dBm]	-65.04	-62.67	-63.85	-63.86	-75.96



WCR2 CPP Averaged Received power for all recorded gates
blue: 155948-161104, 16106 profiles averaged
red: 161104-162221, 16105 profiles averaged

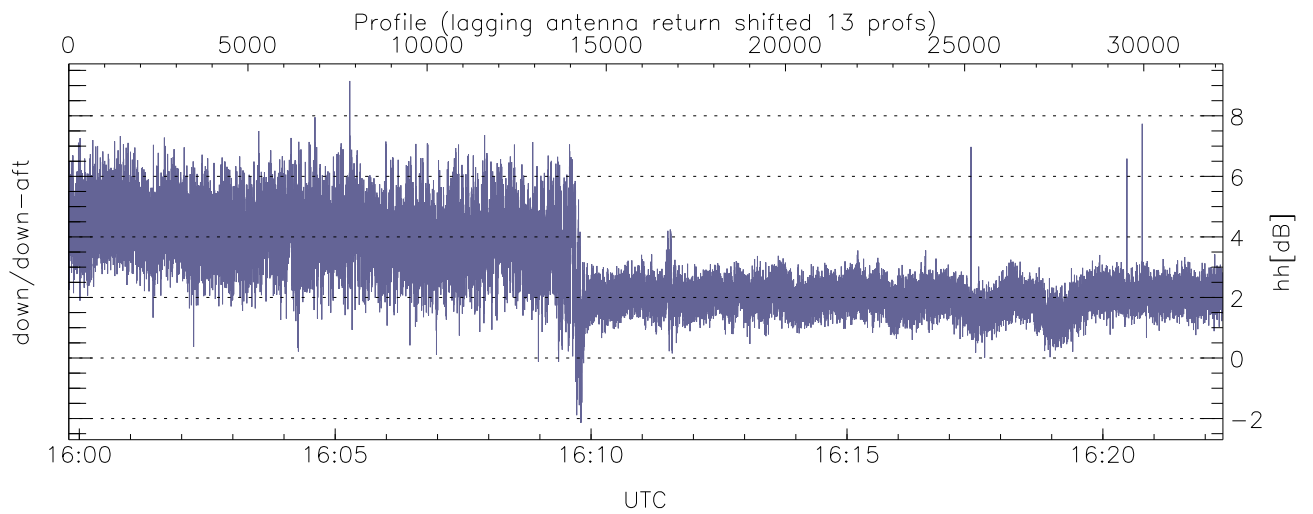
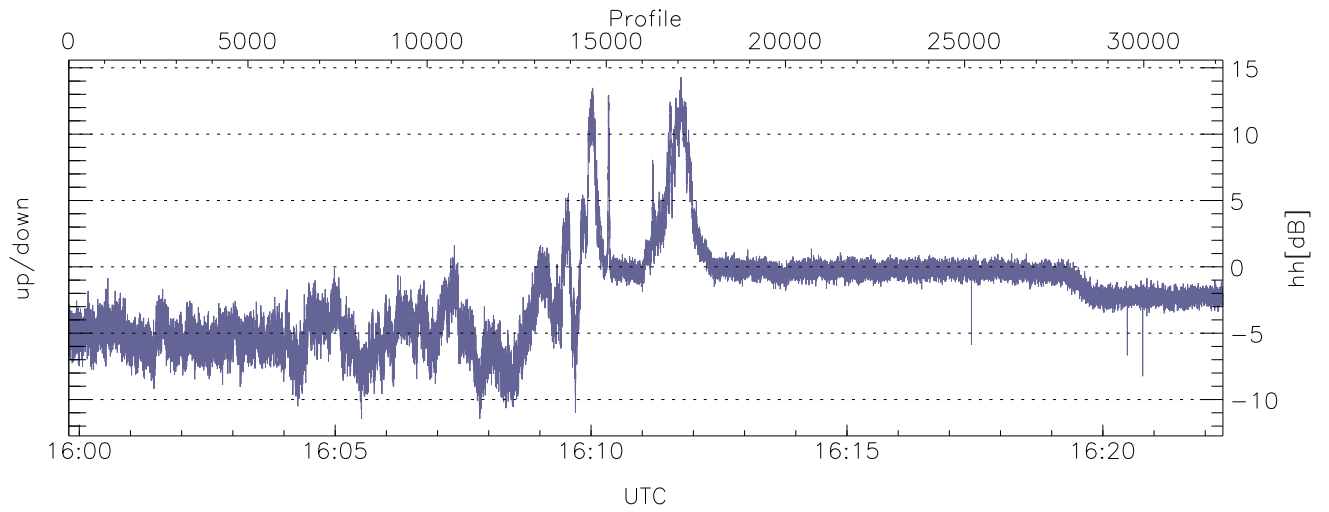


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



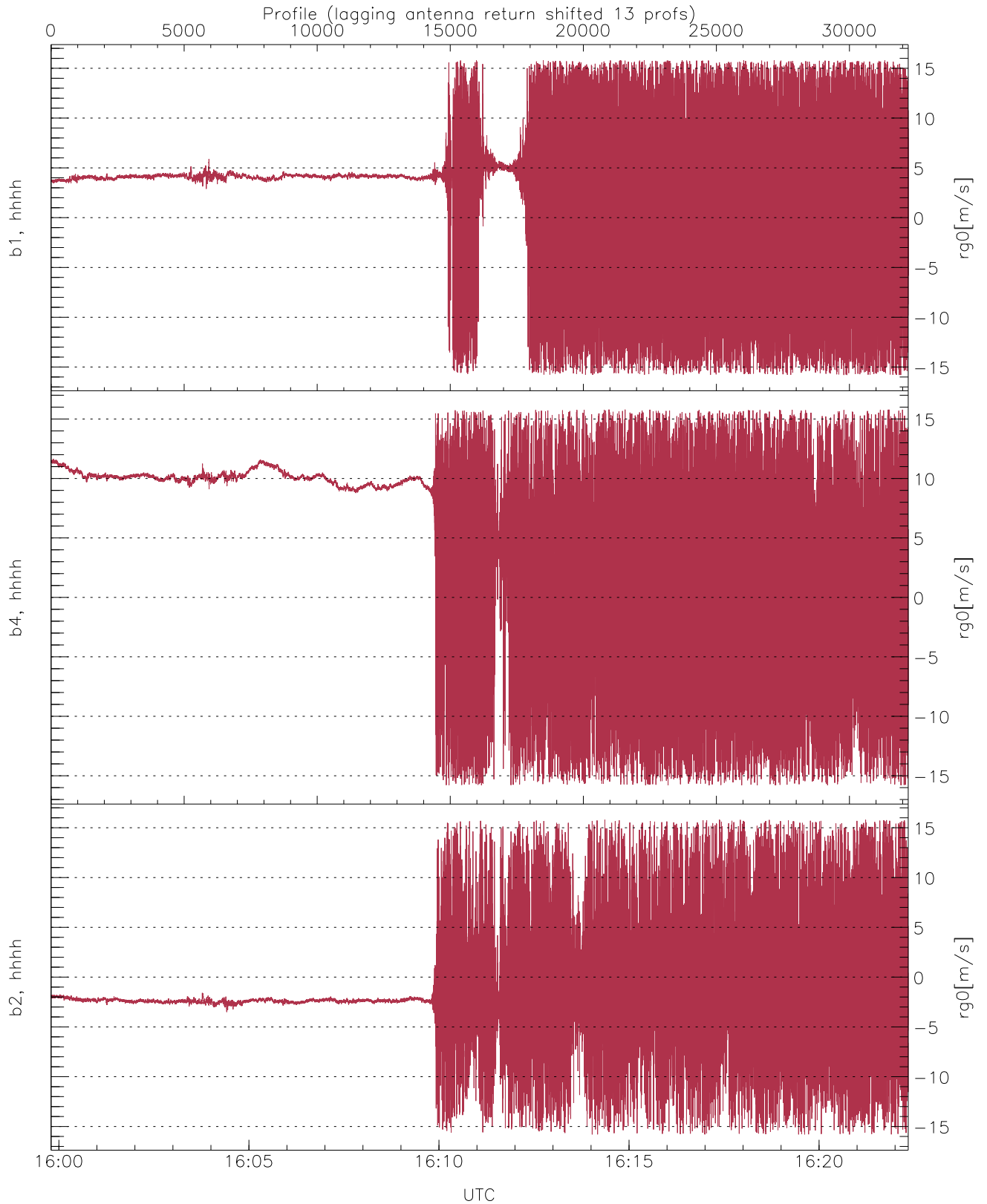
WCR2 CPP Received Power Products for Range gate 0 (105.1 m)

	Min	Max	Mean
up(hh[dBm])	-66.55	-16.07	-27.44
down-aft(hh[dBm])	-66.35	-12.69	-25.15
down(hh[dBm])	-64.50	-9.22	-22.03



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

	Min	Max	Mean
up/down(hh[dB])	-11.46	14.30	-1.67
down/down-aft(hh[dB])	-2.14	9.15	2.93



WCR2 CPP Doppler Velocity Products at 105.1 m range

	Min	Max	Mean	StDev
b1, hhhh(rg0[m/s])	-15.80	15.80	2.15	6.45
b4, hhhh(rg0[m/s])	-15.80	15.80	4.38	7.68
b2, hhhh(rg0[m/s])	-15.80	15.79	-1.45	4.69