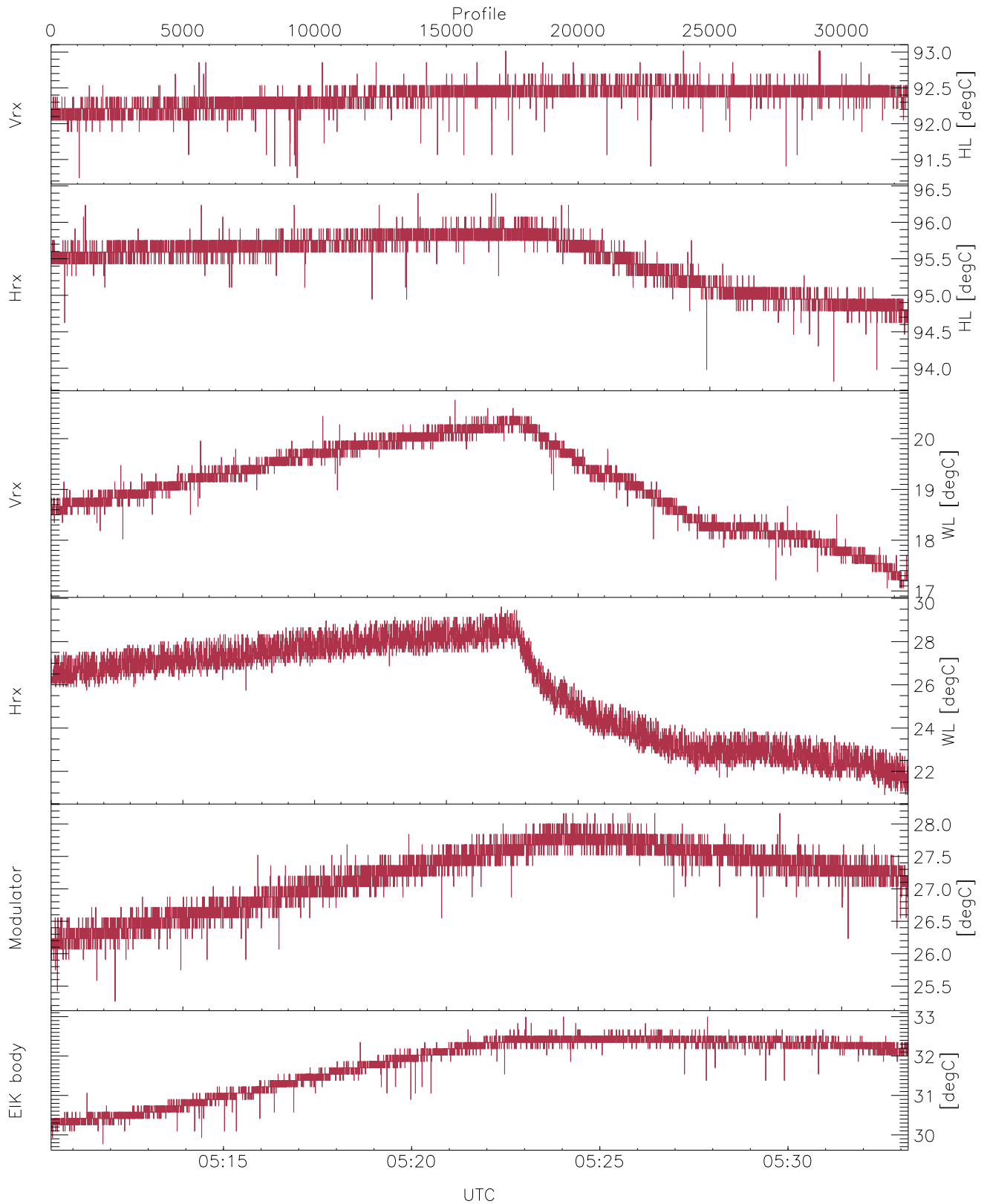


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

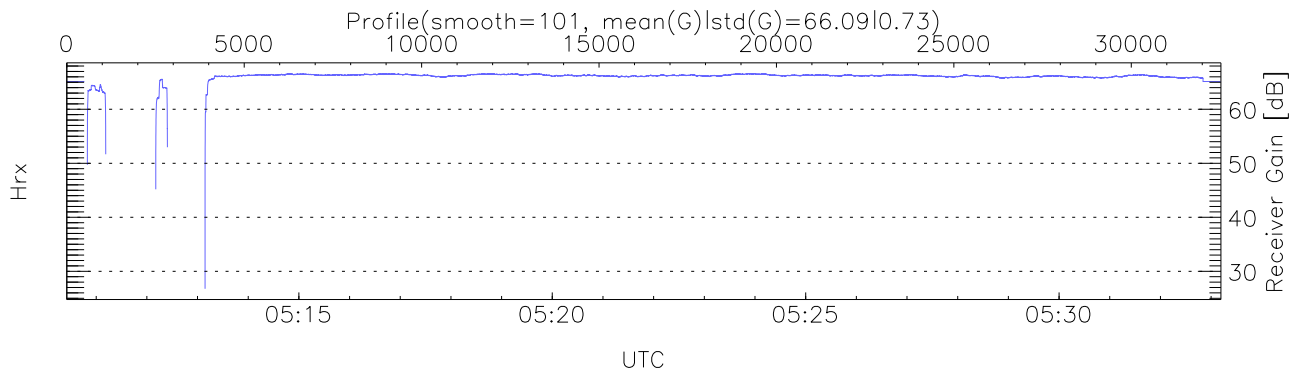
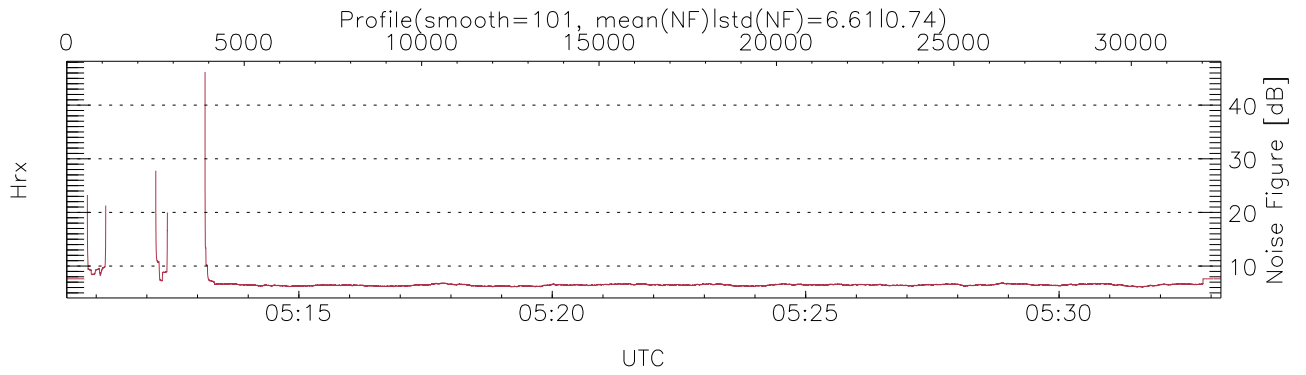
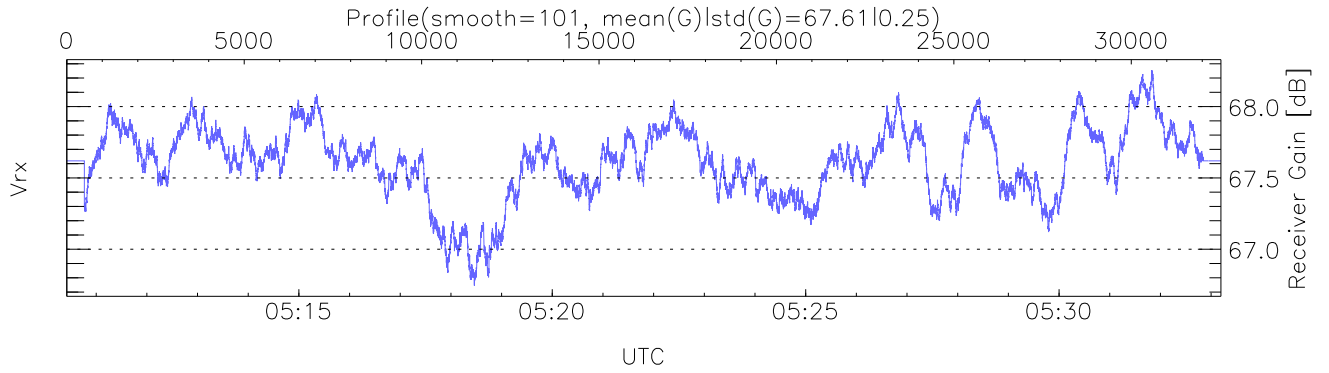
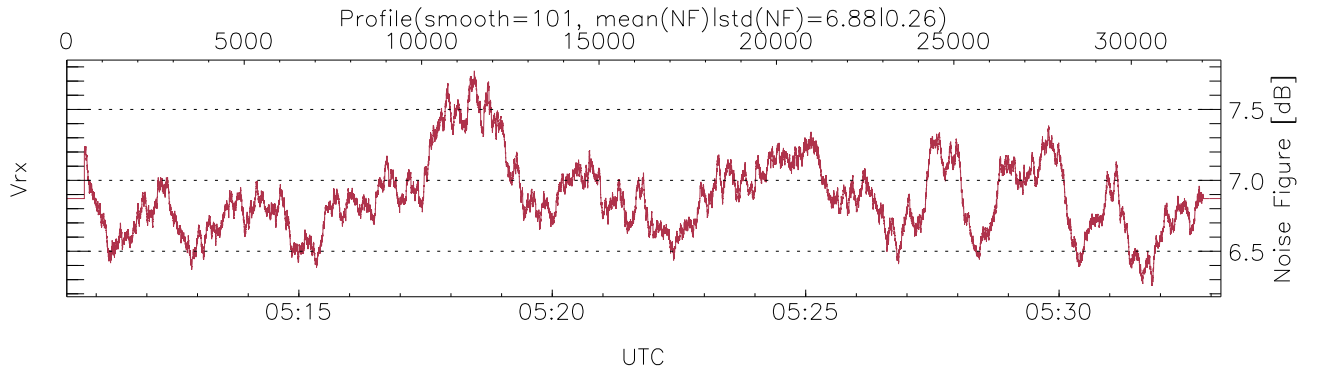
UTC: 05:10:25-05:33:12, Dur: 1366.48s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 42.0,42.0,42.0,0.0 ms / 24,24,24
 NumRec(r/t): 32528/32528, 0-32527/05:10:25-05:33:12
 AcqTime: 42.0ms, Rate: 377KB/s, Averages: 140
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 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

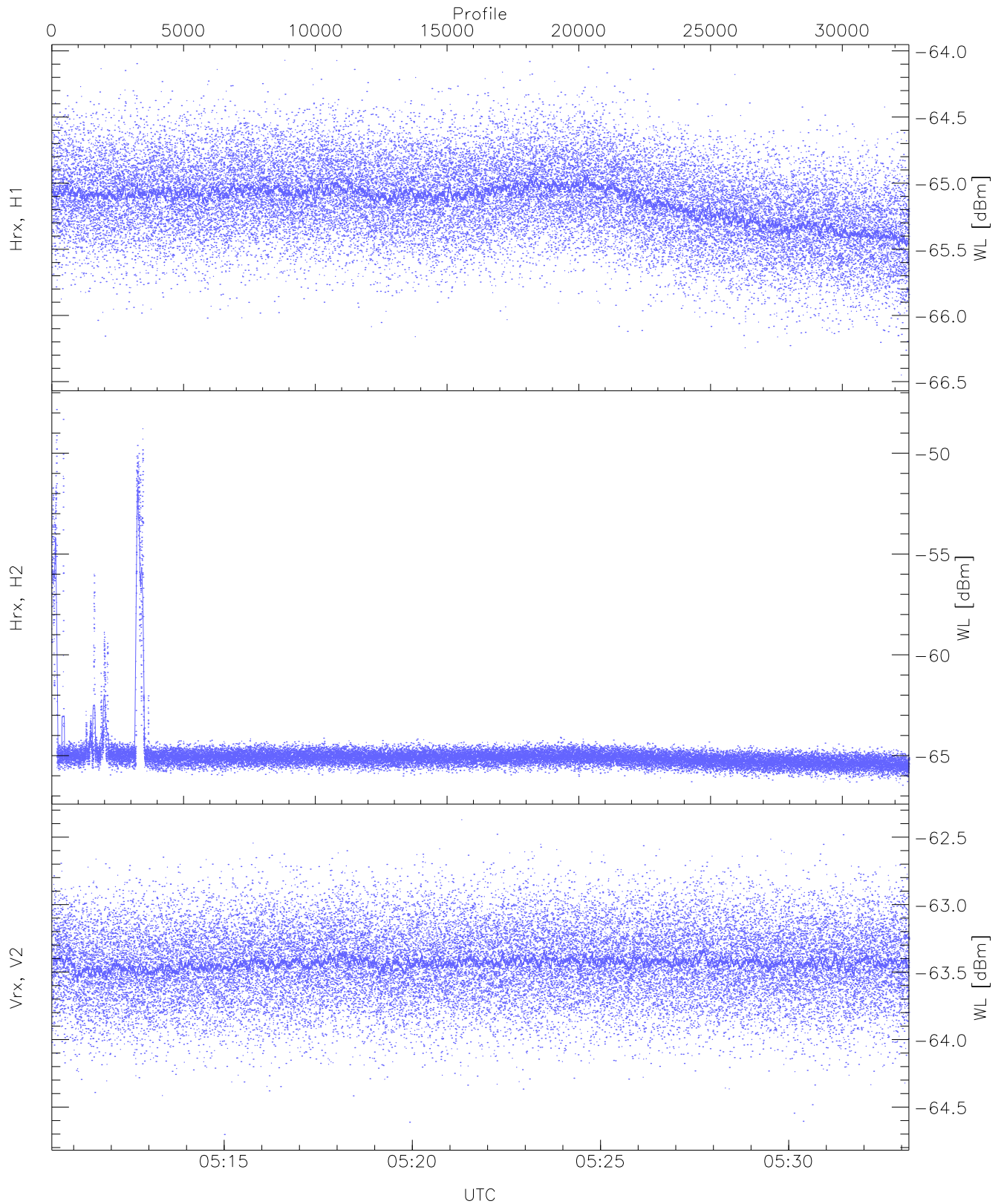


WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator Body, EIK Body

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,17,20,25,29
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,96,20,29,28,32
 LOalarm(20,80,240,2.8,14.8 MHz): 0,0,0,24,0
 EIK/Modulator Faults: None

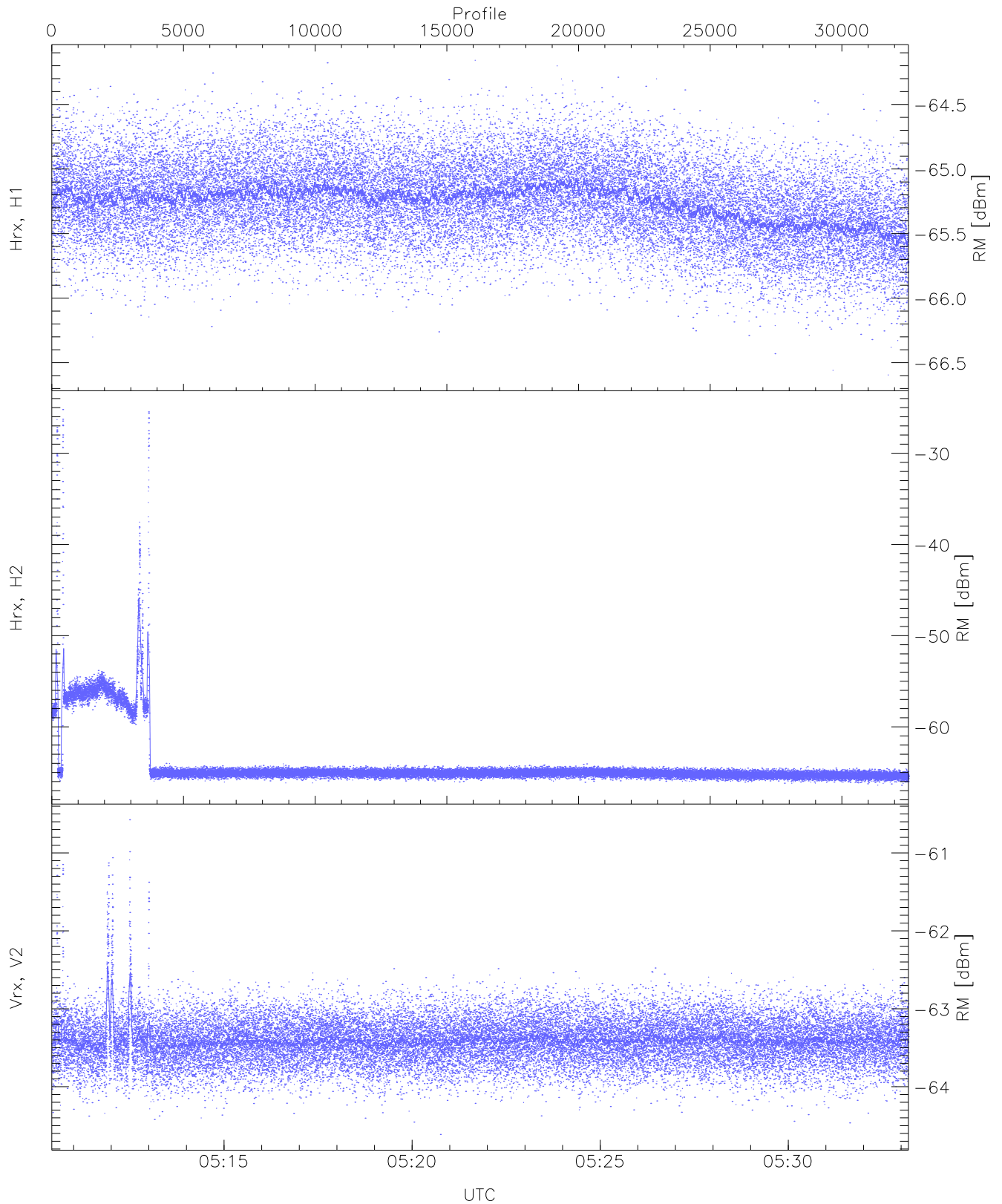
WARNING: <HrxHLn>-<HrxWLn> < 0.05dB for 1 pwr prods.





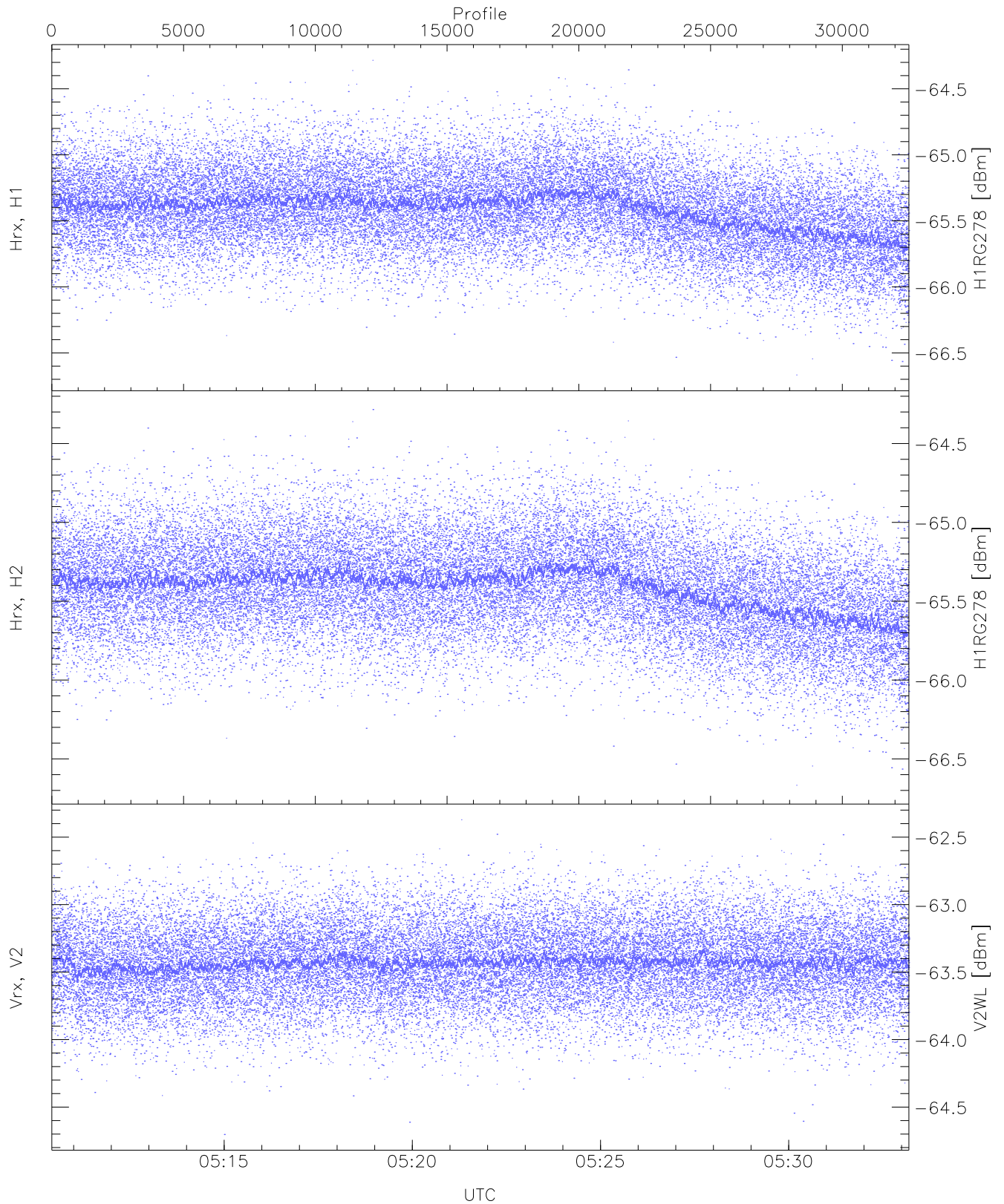
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.45	-64.07	-65.13	-65.13	-76.88
Hrx, H2 (WL [dBm])	-66.47	-47.83	-64.30	-65.12	-62.24
Vrx, V2 (WL [dBm])	-64.70	-62.37	-63.43	-63.44	-75.58



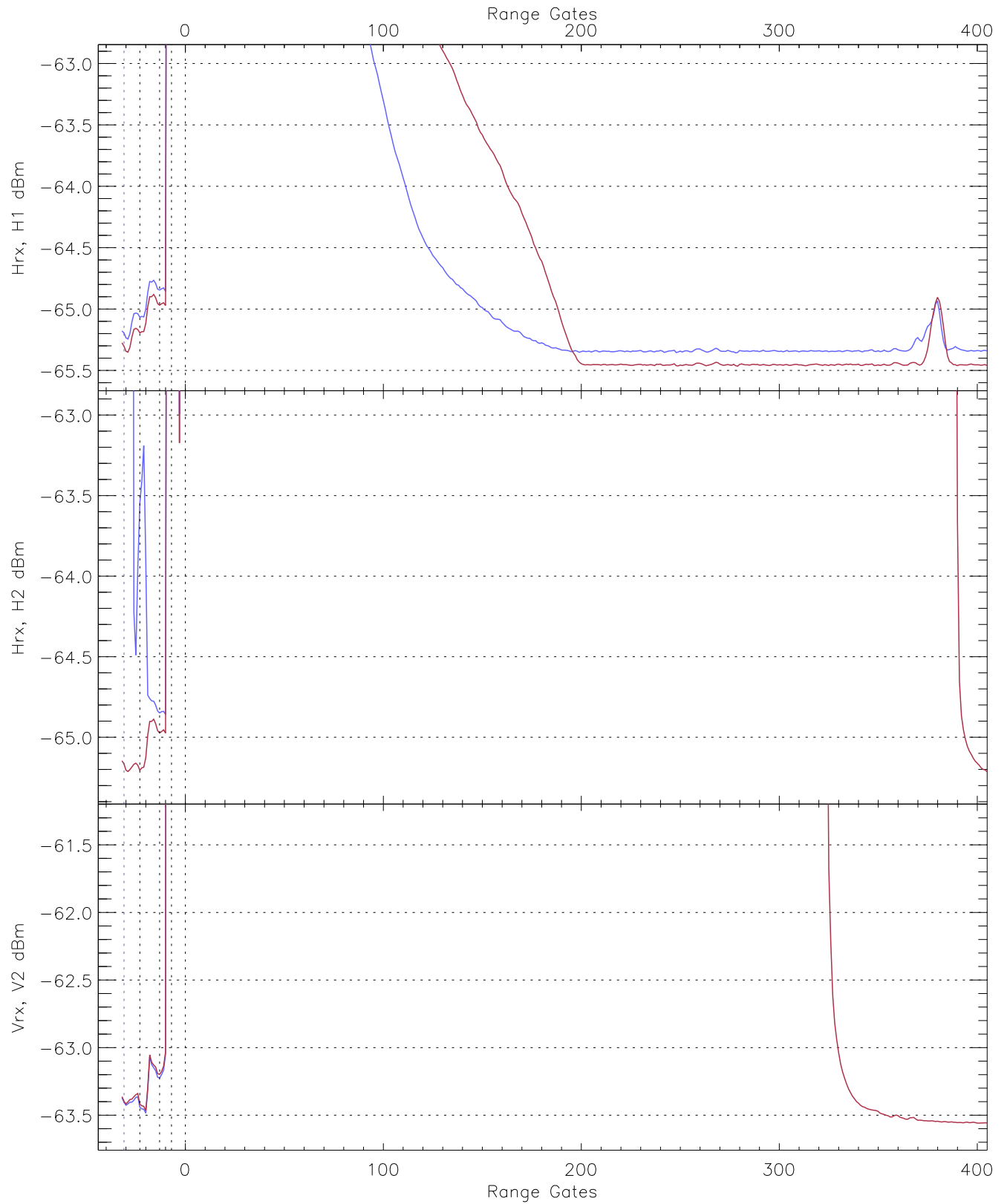
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.60	-64.16	-65.25	-65.25	-77.04
Hrx, H2 (RM [dBm])	-66.40	-25.20	-55.50	-65.08	-42.18
Vrx, V2 (RM [dBm])	-64.61	-60.57	-63.40	-63.42	-75.02

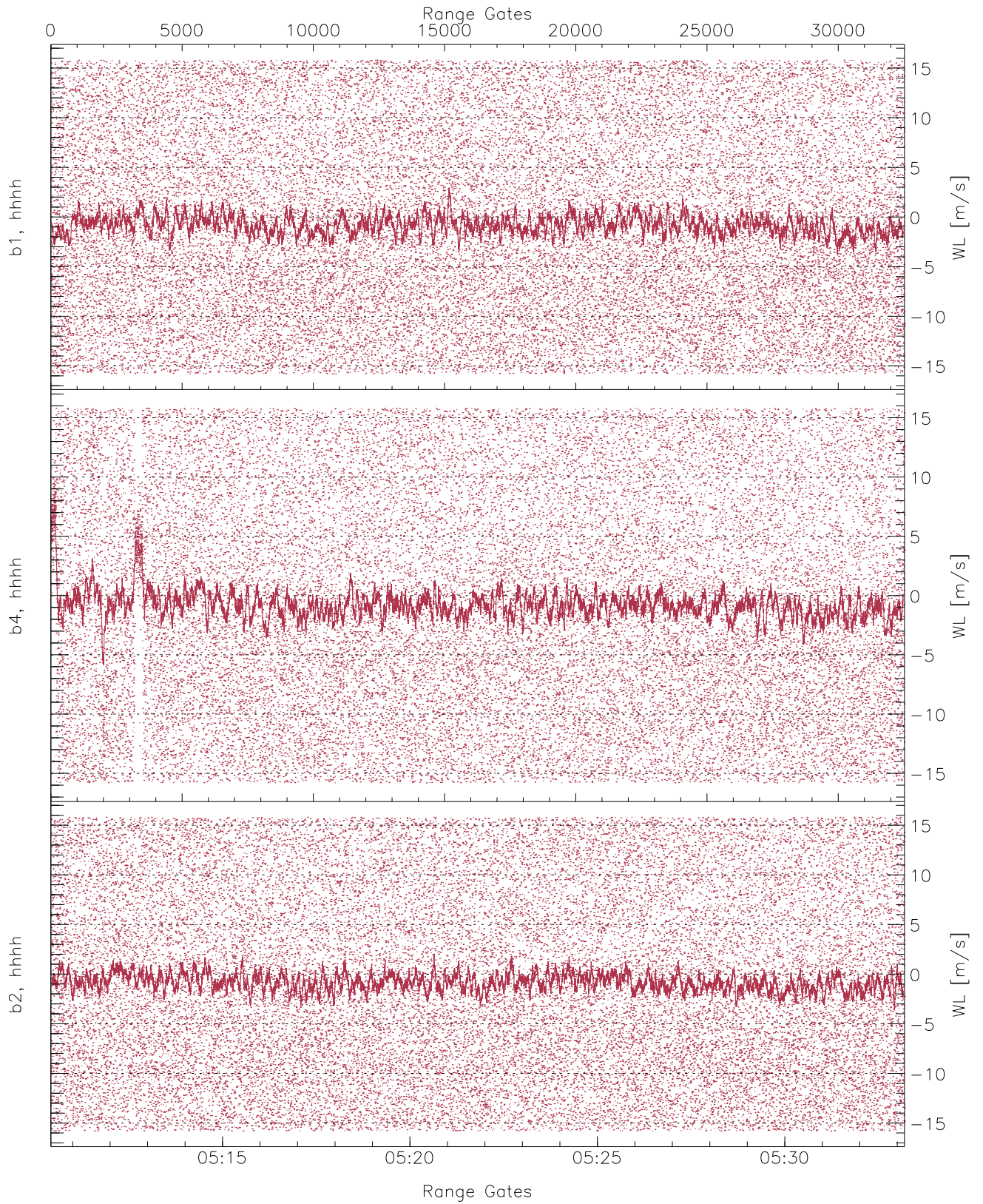


WCR2 CPP "Best" estimate Receivers Noise Power

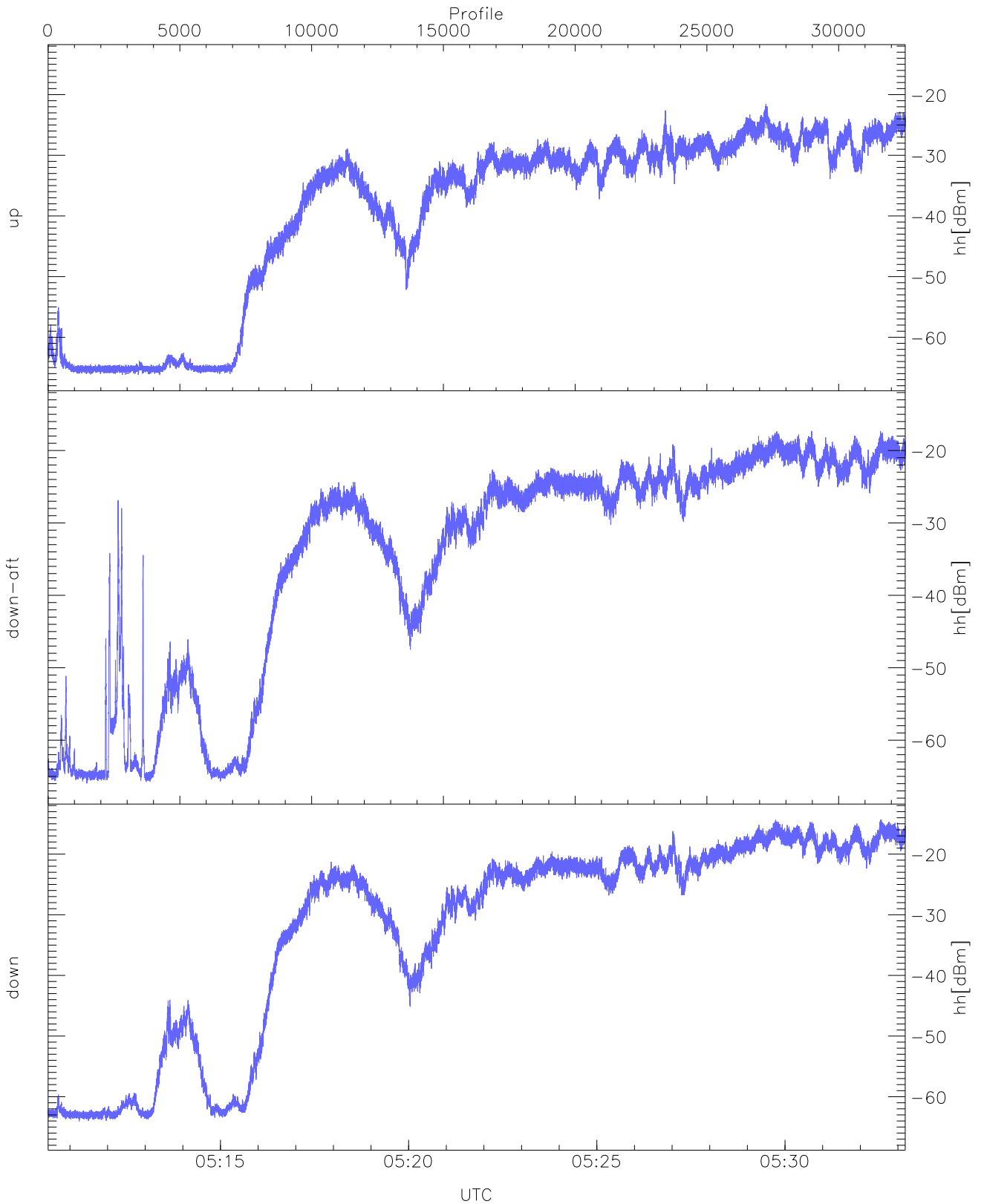
	Min	Max	Mean	Median	StDev
H1RG278 [dBm]	-66.67	-64.28	-65.41	-65.41	-77.24
H1RG278 [dBm]	-66.67	-64.28	-65.41	-65.41	-77.24
V2WL [dBm]	-64.70	-62.37	-63.43	-63.44	-75.58



WCR2 CPP Averaged Received power for all recorded gates
blue: 051025-52148, 16265 profiles averaged
red: 52148-053312, 16264 profiles averaged

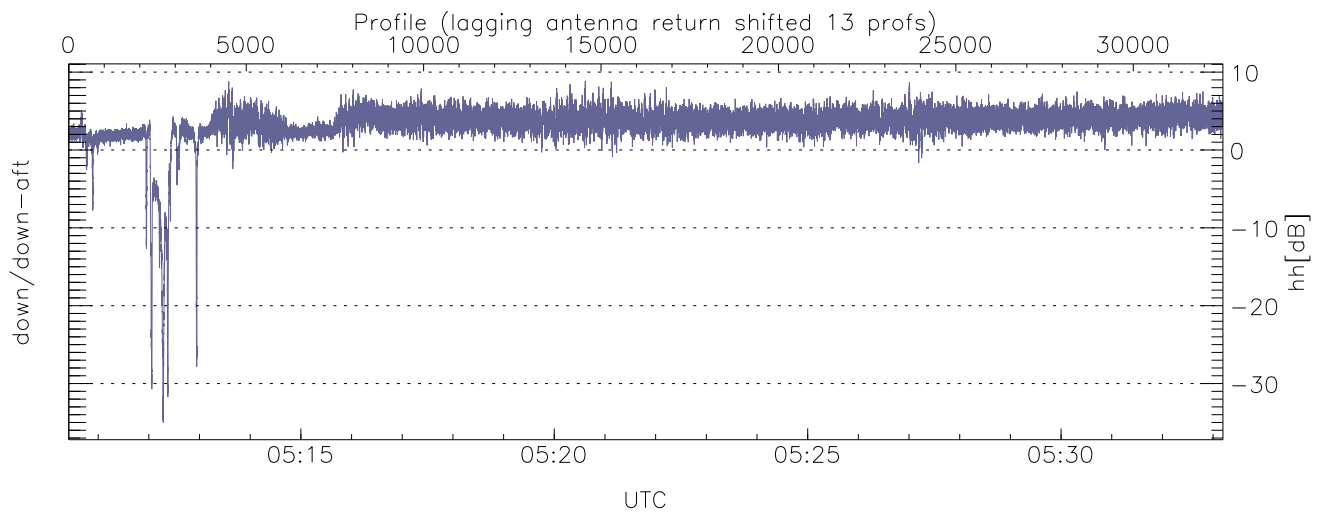
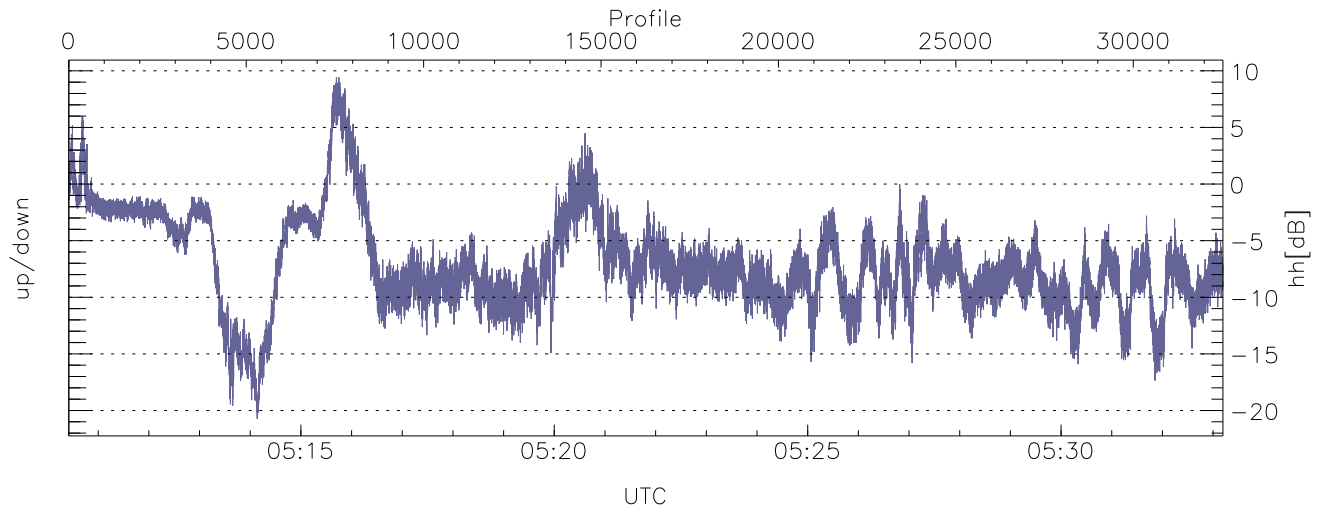


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



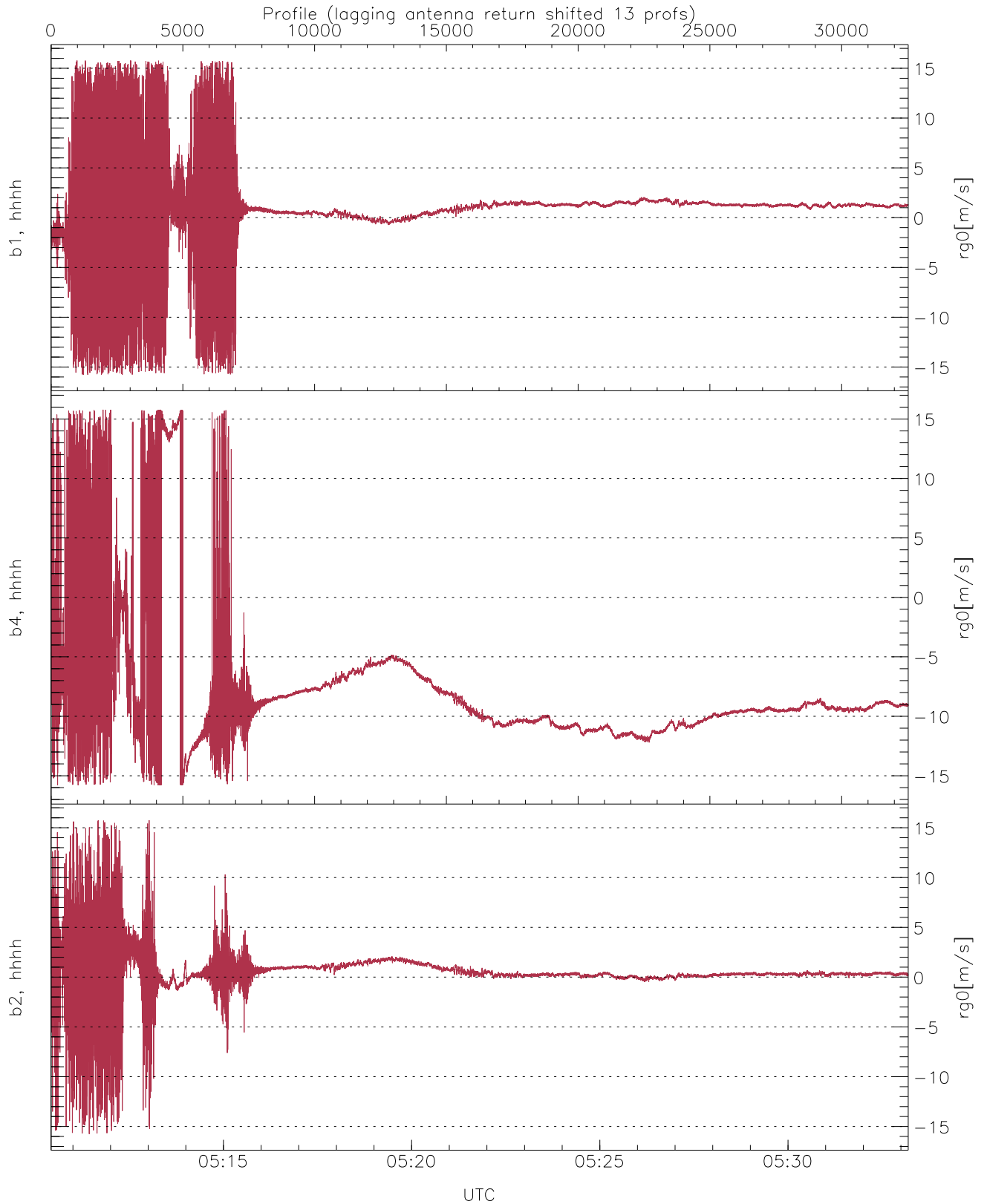
WCR2 CPP Received Power Products for Range gate 0 (105.1 m)

	Min	Max	Mean
up(hh[dBm])	-66.23	-21.52	-30.89
down-aft(hh[dBm])	-65.96	-17.31	-25.31
down(hh[dBm])	-64.05	-14.34	-22.34



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

	Min	Max	Mean
up/down(hh[dB])	-20.74	9.44	-6.22
down/down-aft(hh[dB])	-35.02	8.86	3.31



WCR2 CPP Doppler Velocity Products at 105.1 m range

	Min	Max	Mean	StDev
b1, hhhh(rg0[m/s])	-15.77	15.79	0.78	3.46
b4, hhhh(rg0[m/s])	-15.80	15.79	-7.75	5.38
b2, hhhh(rg0[m/s])	-15.75	15.75	0.48	1.80