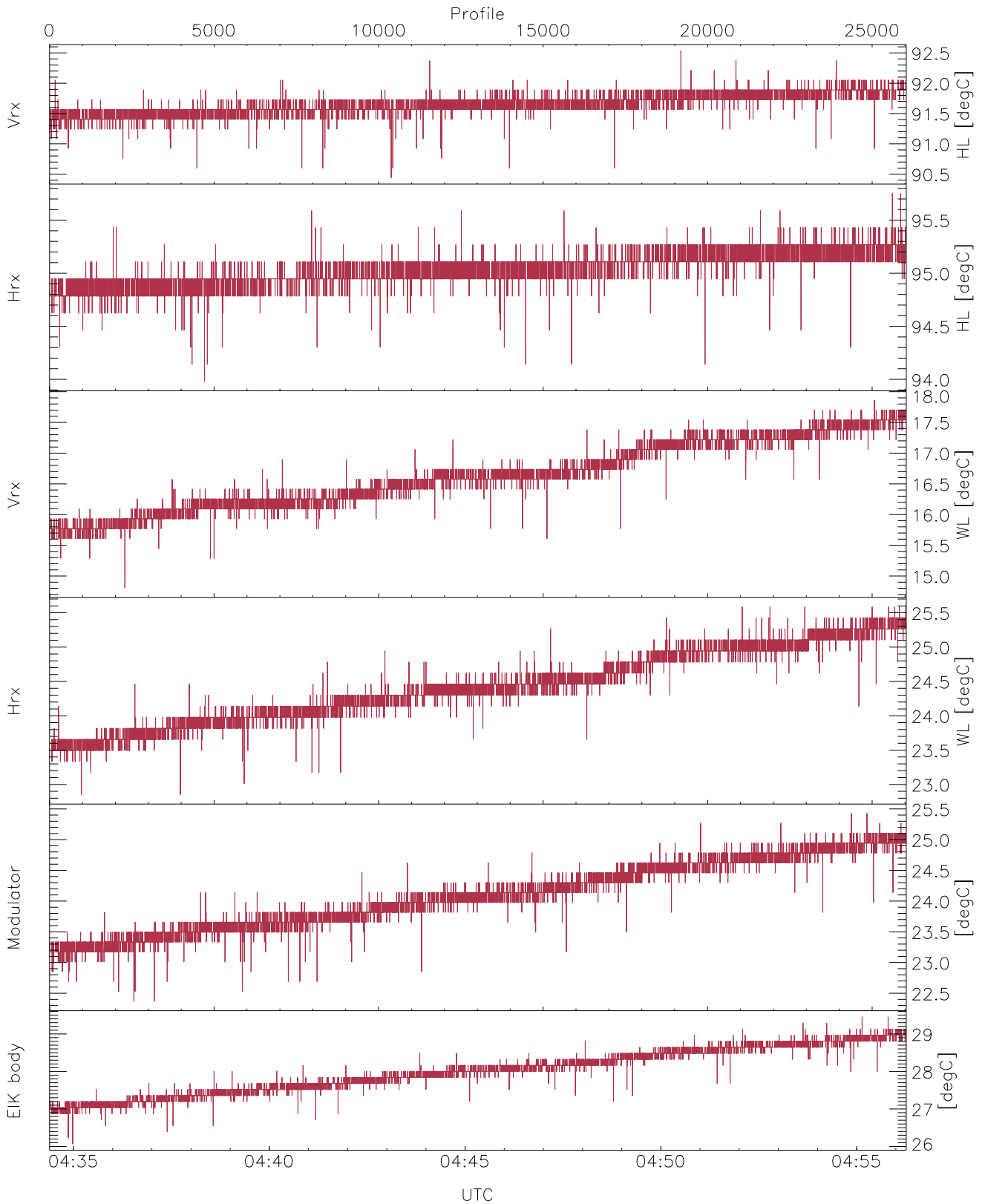


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

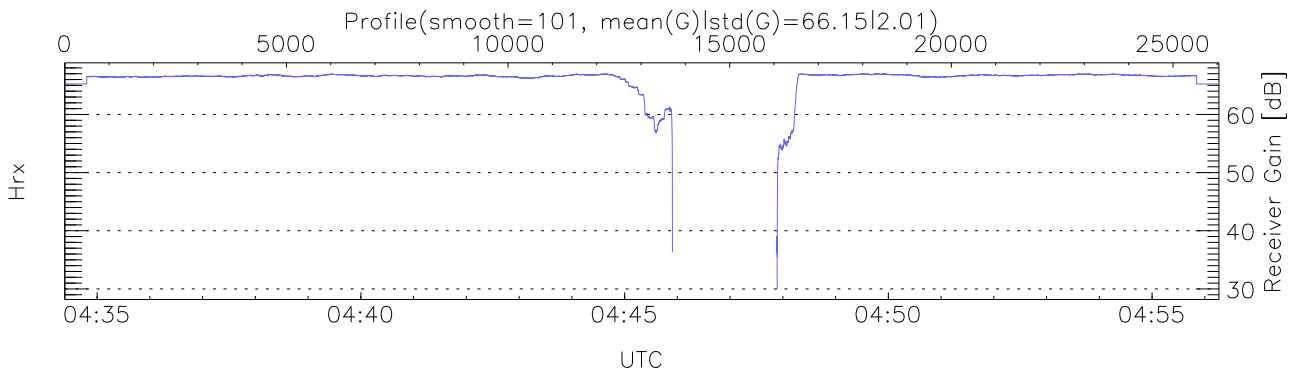
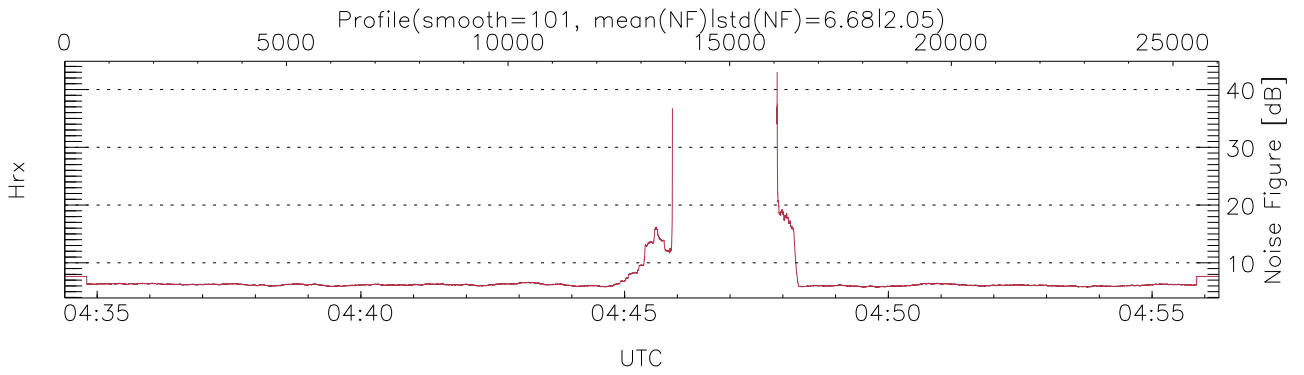
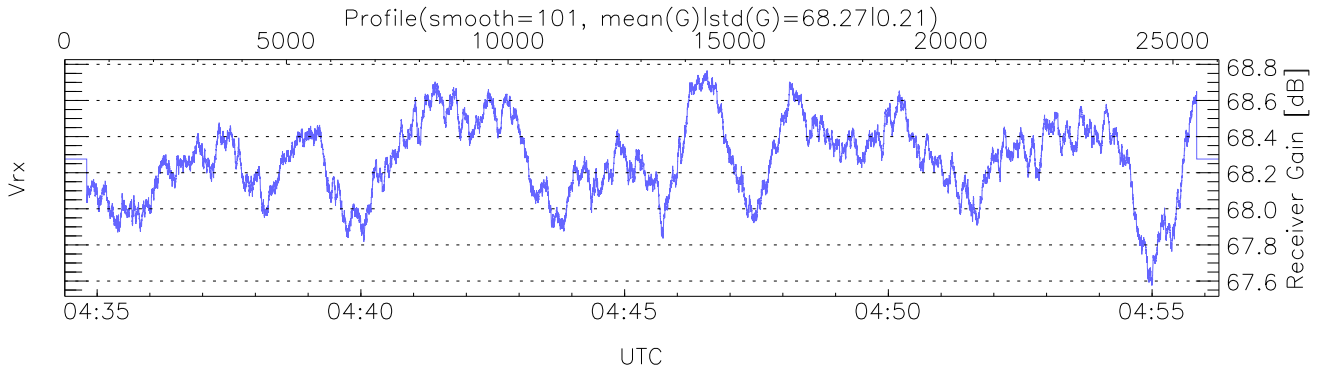
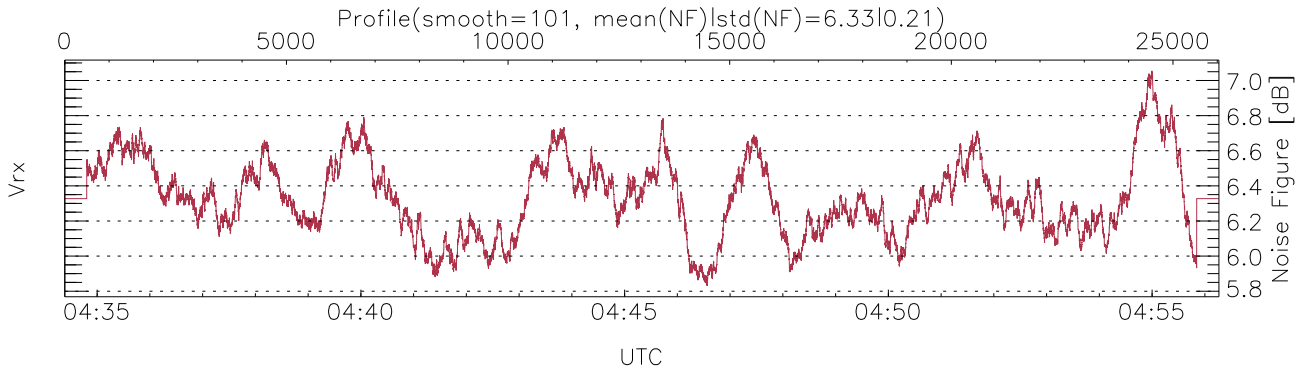
UTC: 04:34:23-04:56:16, Dur: 1312.86s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
 NumRec(r/t): 26039/26039, 0-26038/04:34:23-04:56:16
 AcqTime: 50.4ms, Rate: 401KB/s, Averages: 140
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 16.7 16.7 16.7 16.7 16.7 KHz, IGS: 60us
 Range(min,max,rgs): 105,8050,15.0 m, Gates: 530, Aspect: 2.6

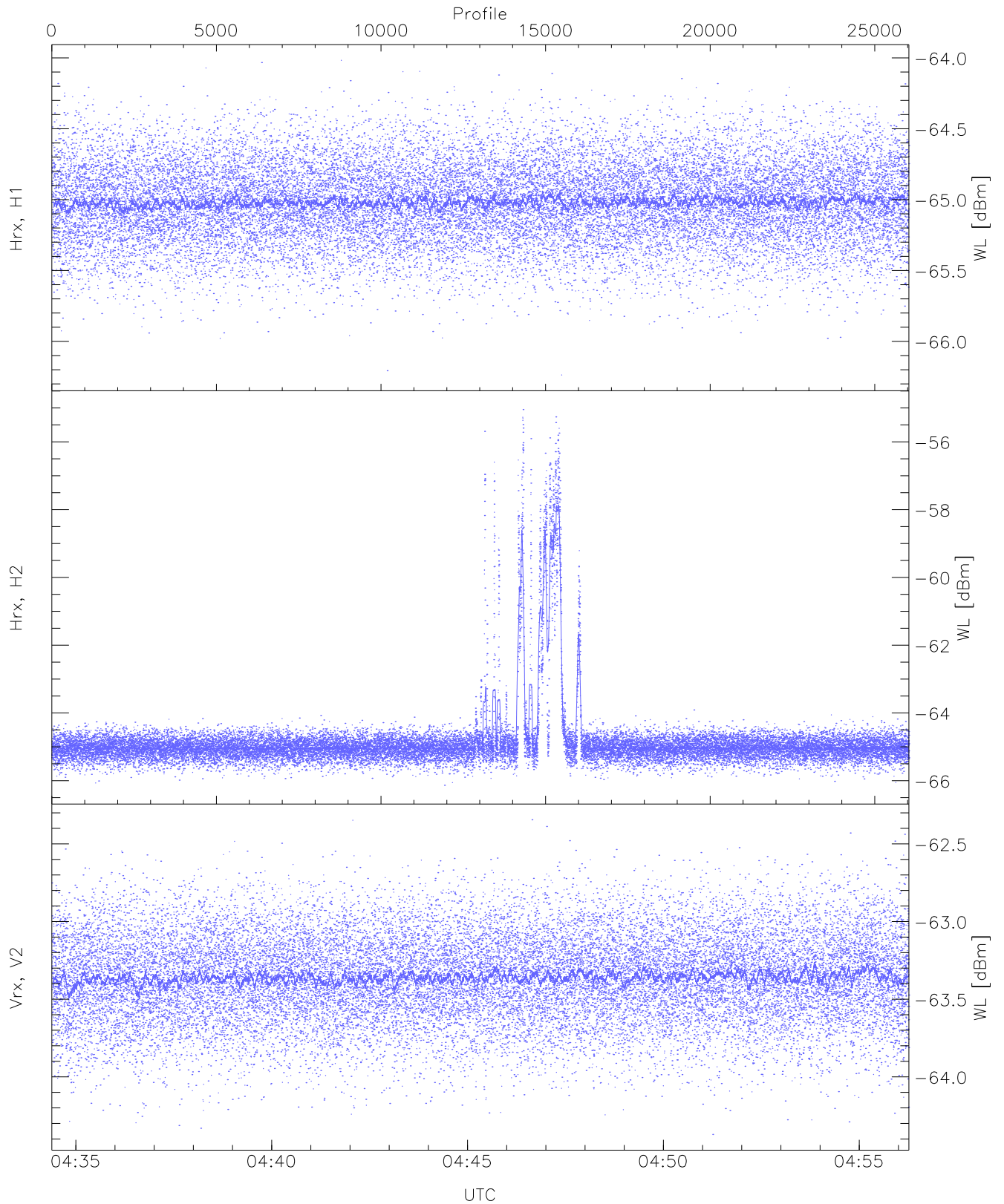


WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator Body, EIK Body

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,93,14,22,22,26`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,95,17,25,25,29`
`LOalarm(20,80,240,2.8,14.8 MHz): 10,0,0,6,0`
EIK/Modulator Faults: None

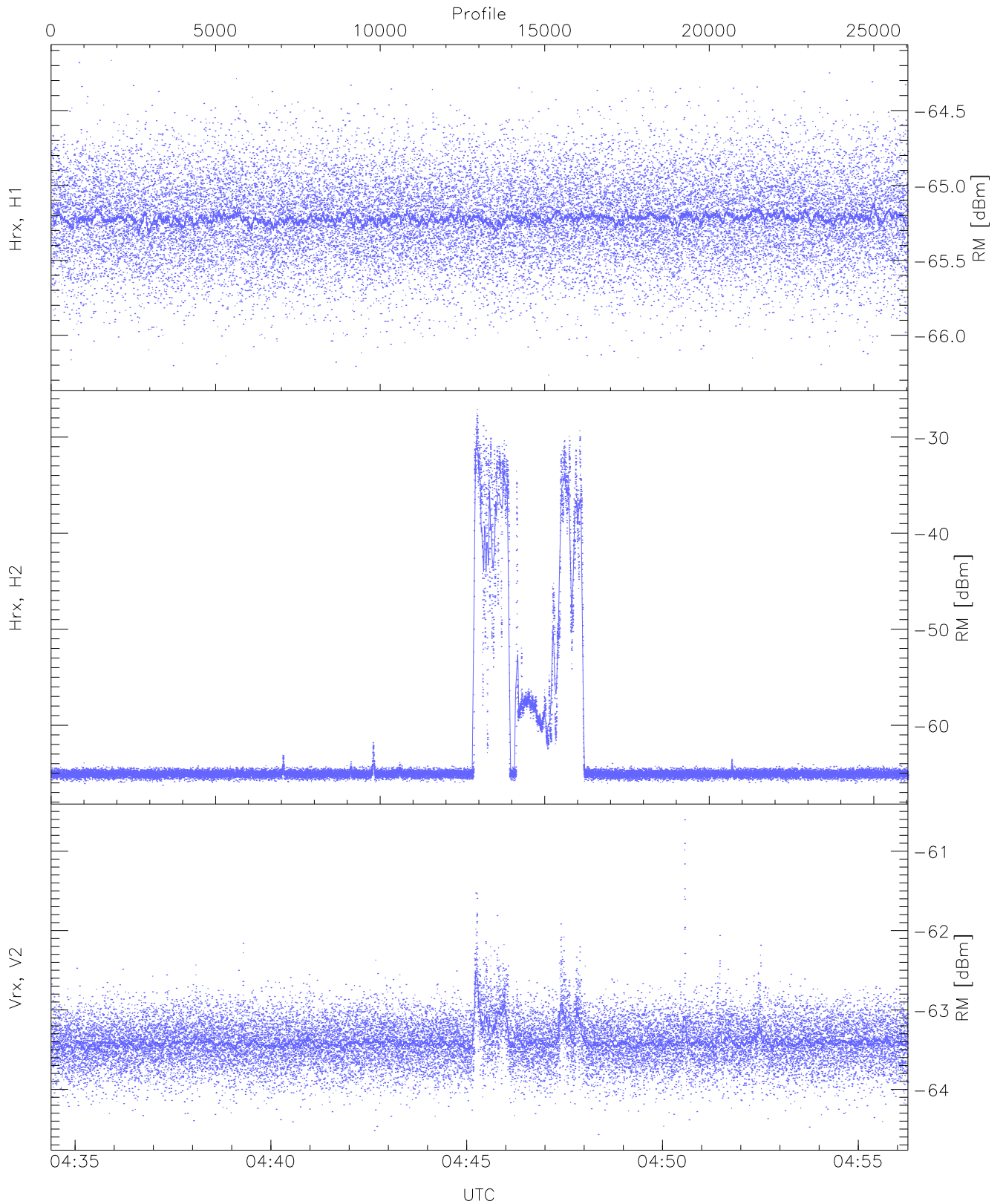
WARNING: <HrxHLn>-<HrxWLn> < 0.05dB for 1 pwr prods.





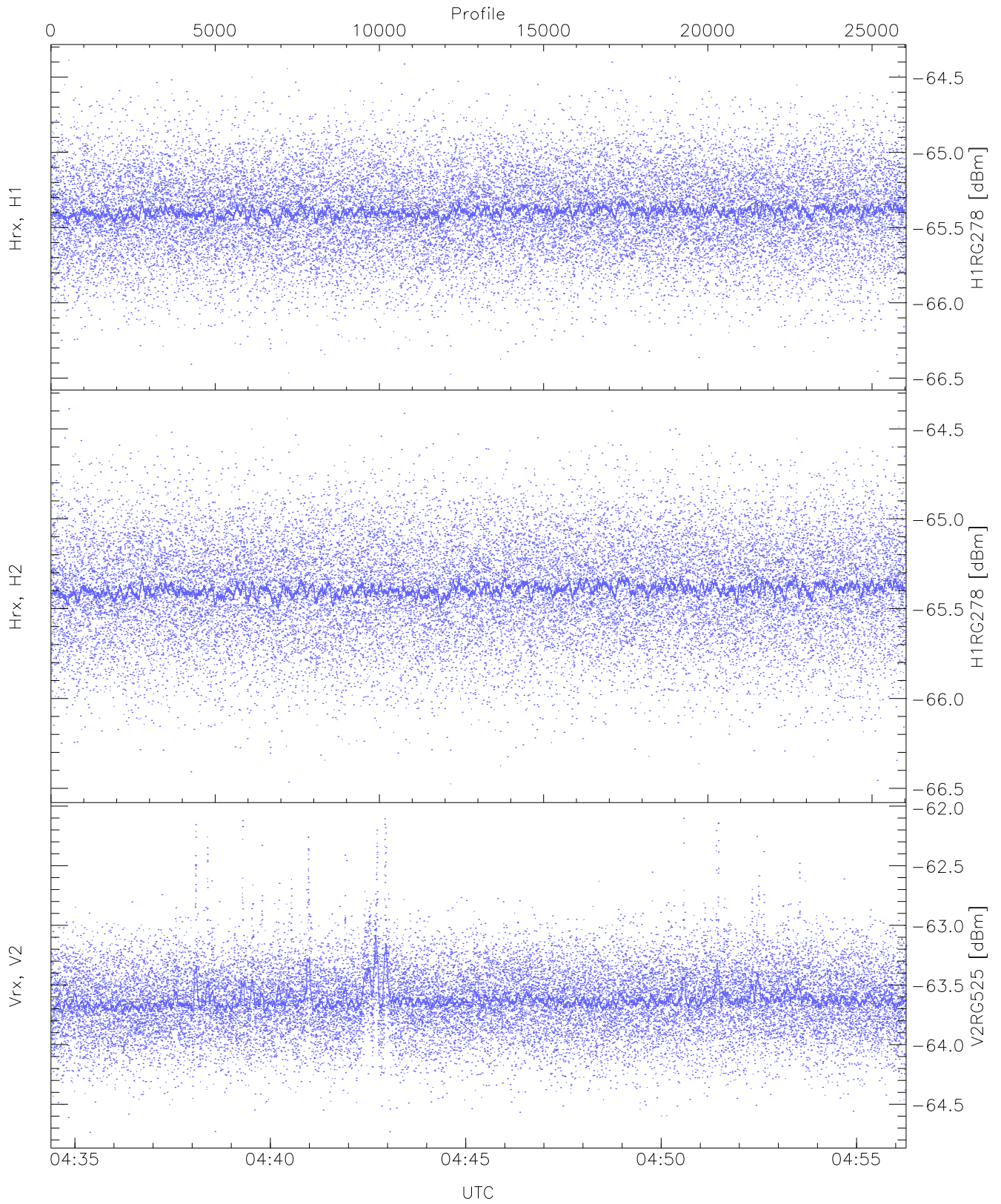
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.24	-64.02	-65.01	-65.02	-77.17
Hrx, H2 (WL [dBm])	-66.13	-55.05	-64.56	-65.02	-66.95
Vrx, V2 (WL [dBm])	-64.37	-62.34	-63.36	-63.36	-75.51



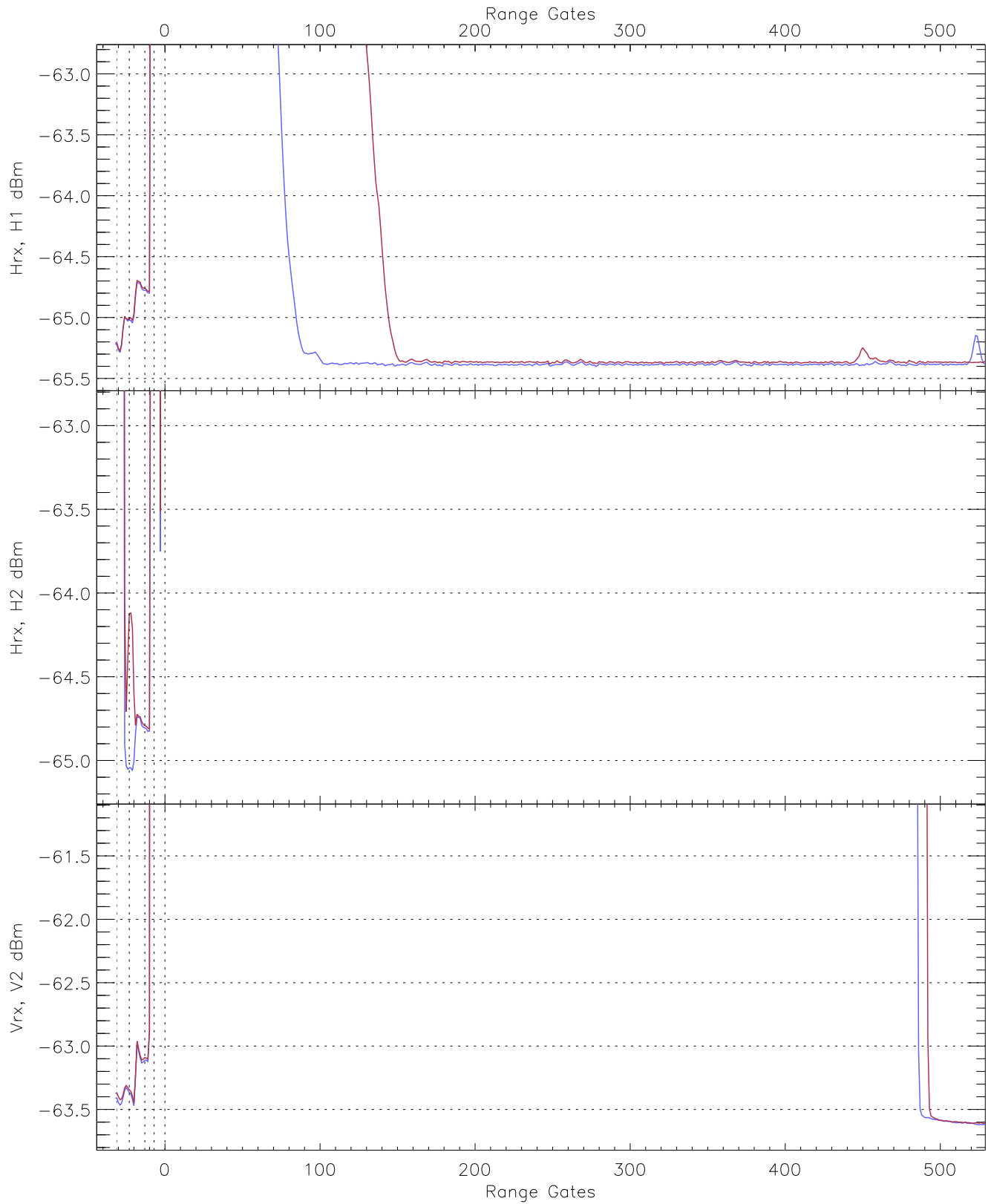
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.27	-64.16	-65.21	-65.22	-77.38
Hrx, H2 (RM [dBm])	-66.25	-27.13	-46.58	-65.03	-39.71
Vrx, V2 (RM [dBm])	-64.57	-60.60	-63.39	-63.40	-75.03

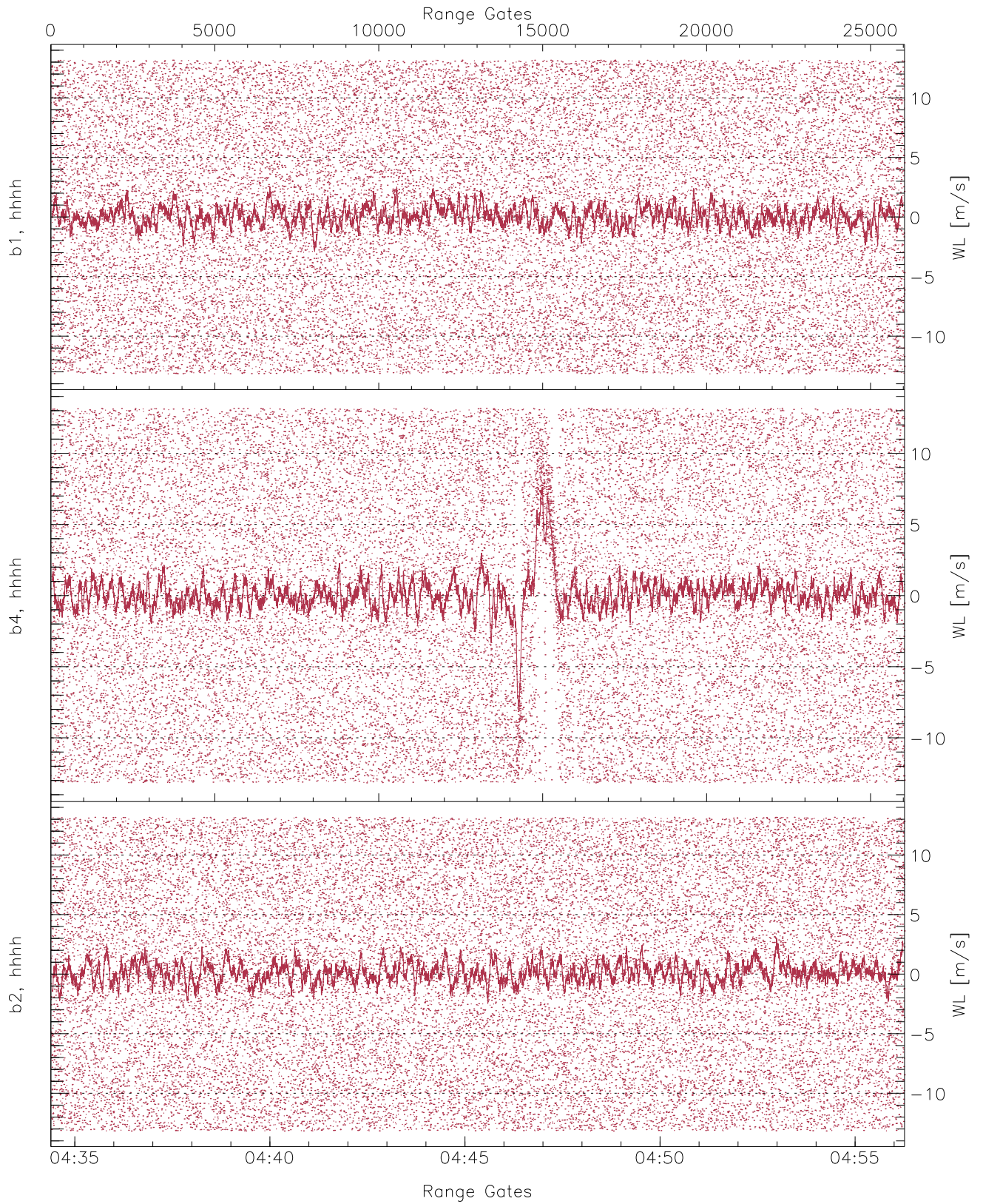


WCR2 CPP "Best" estimate Receivers Noise Power

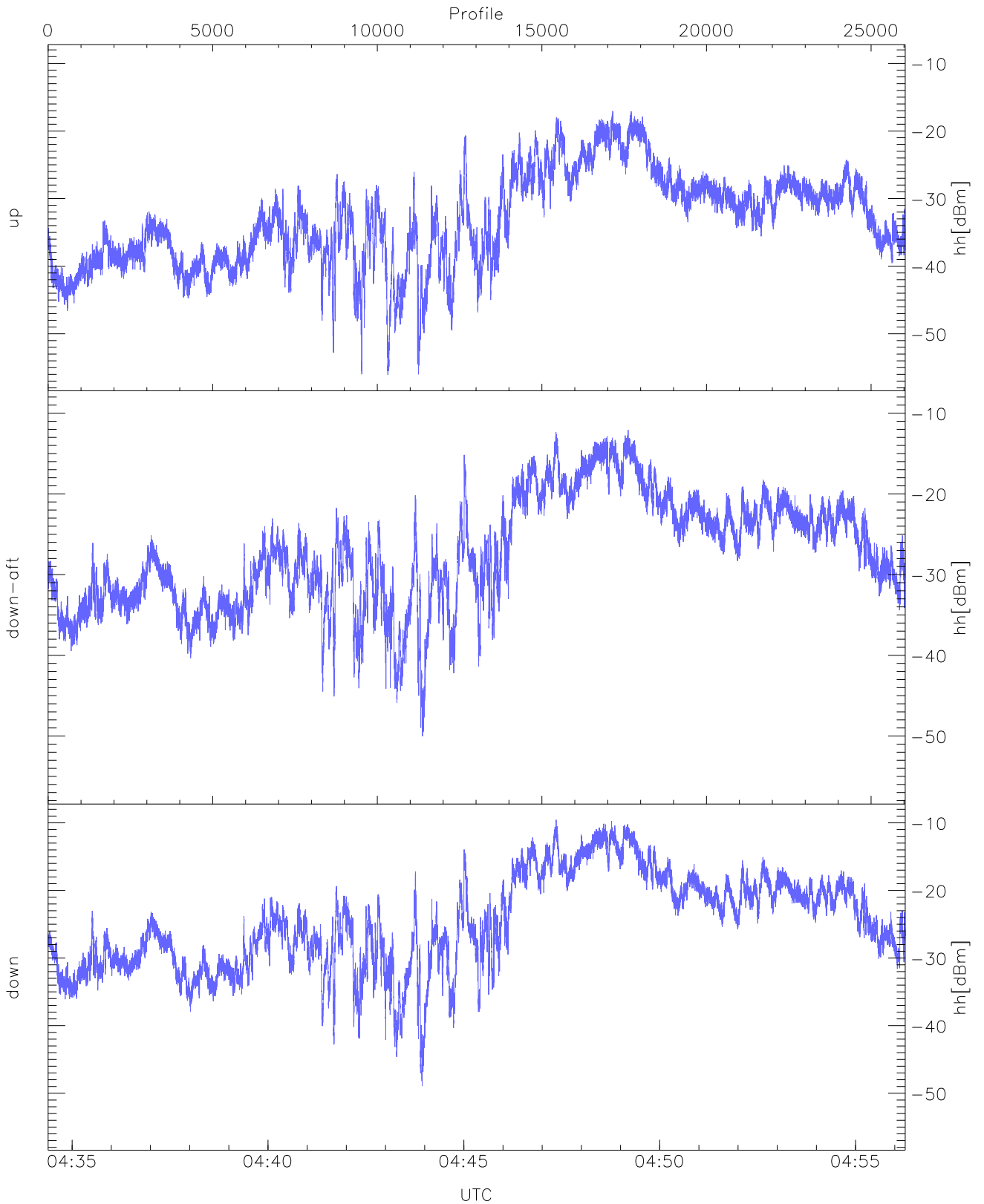
	Min	Max	Mean	Median	StDev
H1RG278 [dBm]	-66.47	-64.39	-65.39	-65.39	-77.50
H1RG278 [dBm]	-66.47	-64.39	-65.39	-65.39	-77.50
V2RG525 [dBm]	-64.74	-62.10	-63.62	-63.63	-75.37



WCR2 CPP Averaged Received power for all recorded gates
blue: 043423-44519, 13020 profiles averaged
red: 44519-045616, 13020 profiles averaged

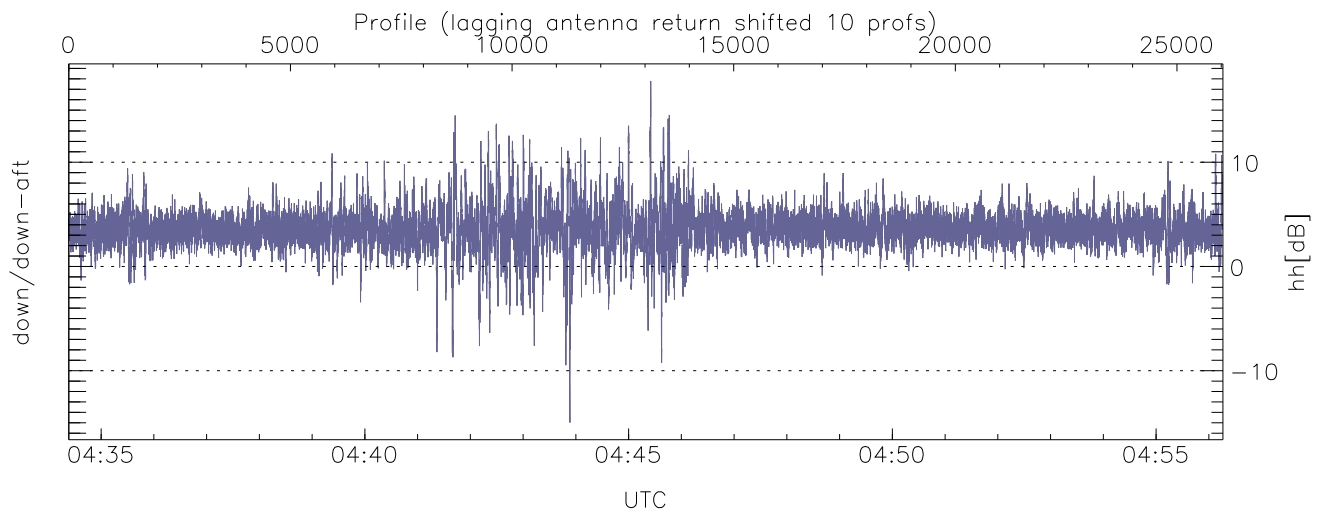
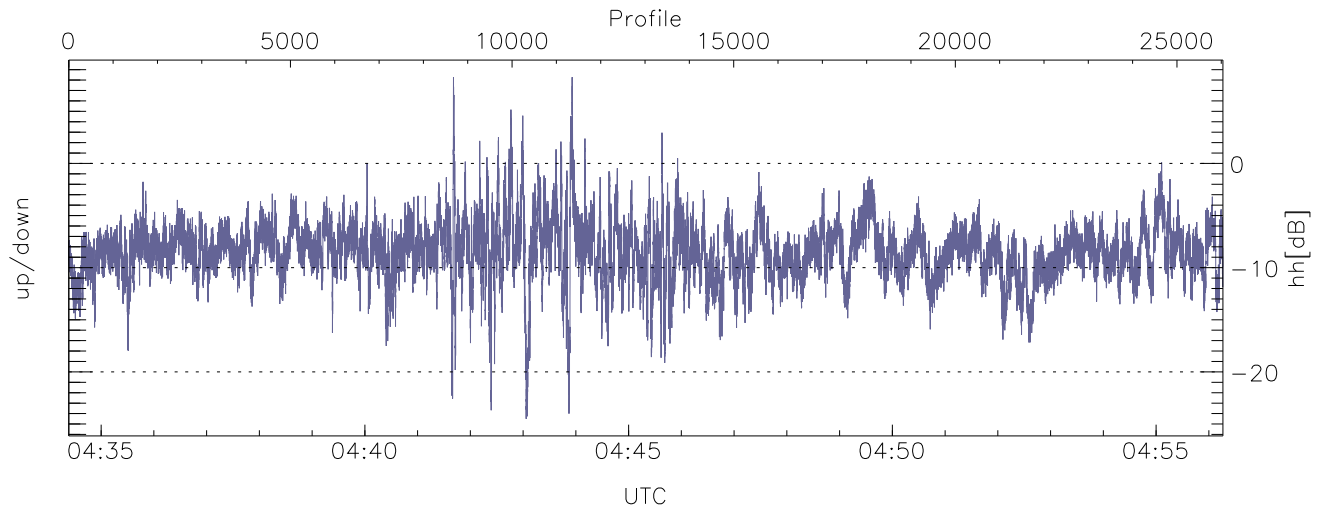


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



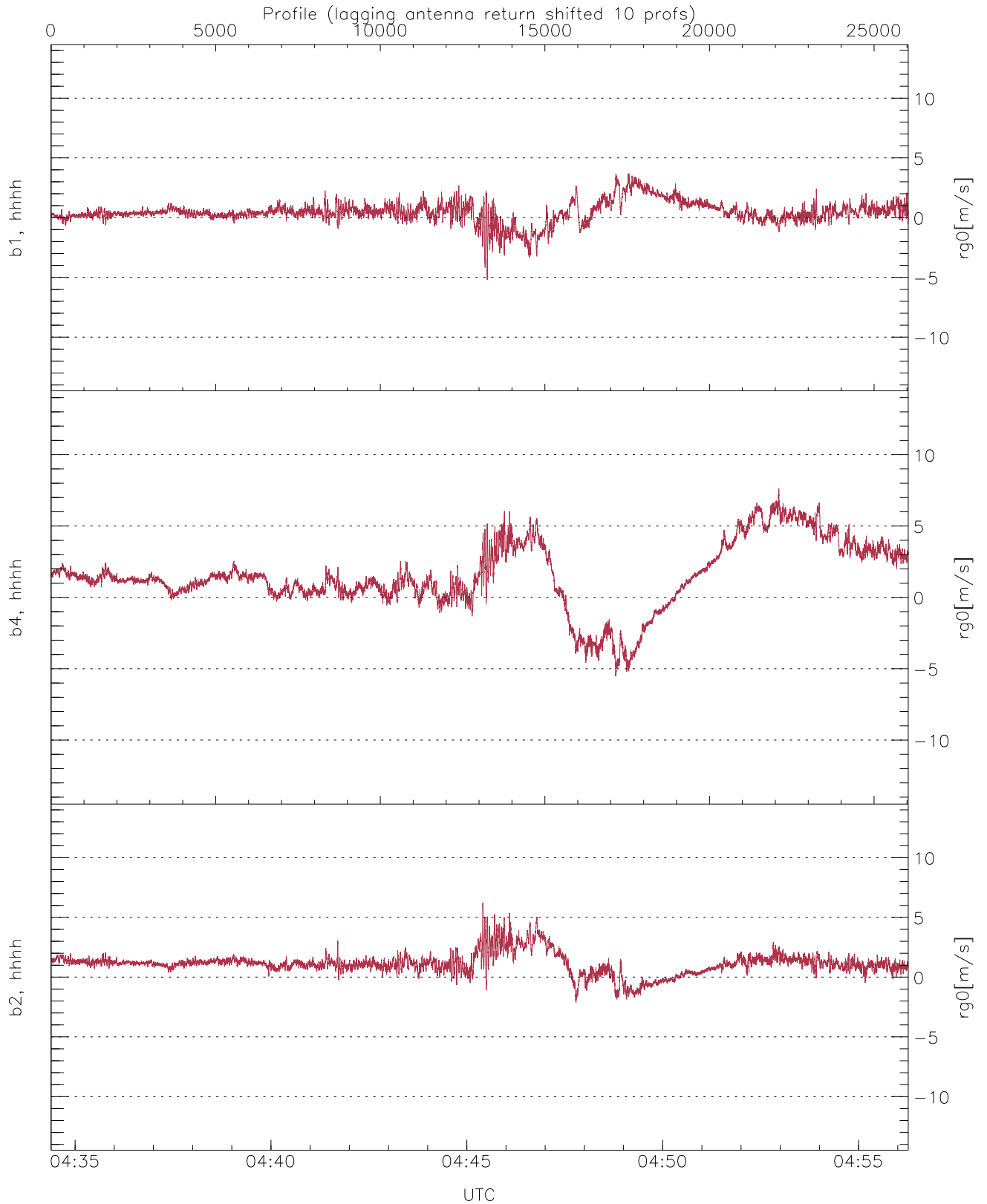
WCR2 CPP Received Power Products for Range gate 0 (105.1 m)

	Min	Max	Mean
up(hh[dBm])	-56.10	-17.05	-28.47
down-aft(hh[dBm])	-50.03	-12.09	-22.77
down(hh[dBm])	-48.93	-9.55	-20.10



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

	Min	Max	Mean
up/down(hh[dB])	-24.51	8.28	-7.47
down/down-aft(hh[dB])	-14.99	17.80	3.61



WCR2 CPP Doppler Velocity Products at 105.1 m range

	Min	Max	Mean	StDev
b1, hhhh(rg0[m/s])	-5.19	3.70	0.46	0.89
b4, hhhh(rg0[m/s])	-5.52	7.63	1.51	2.33
b2, hhhh(rg0[m/s])	-2.14	6.23	1.10	0.91