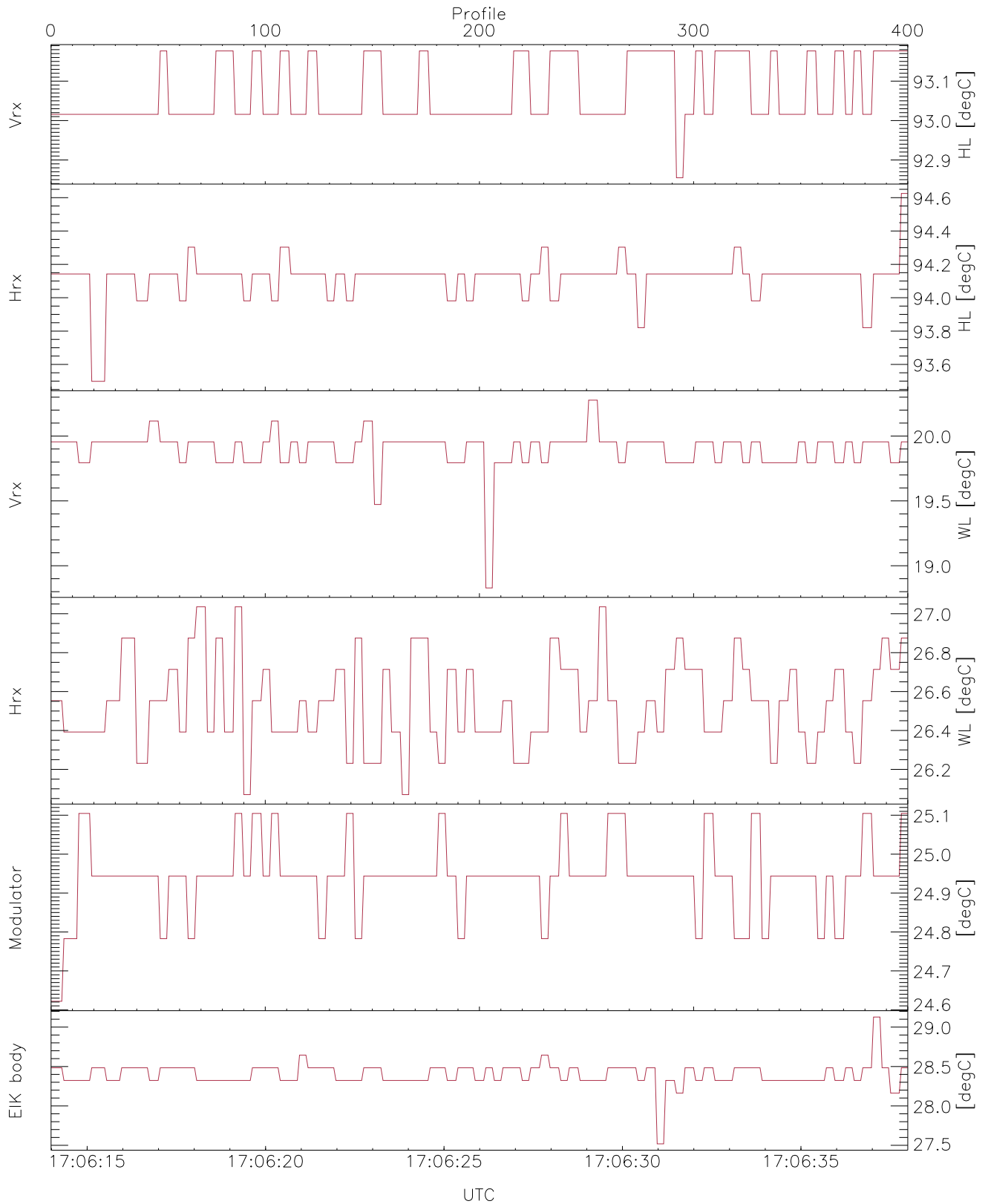


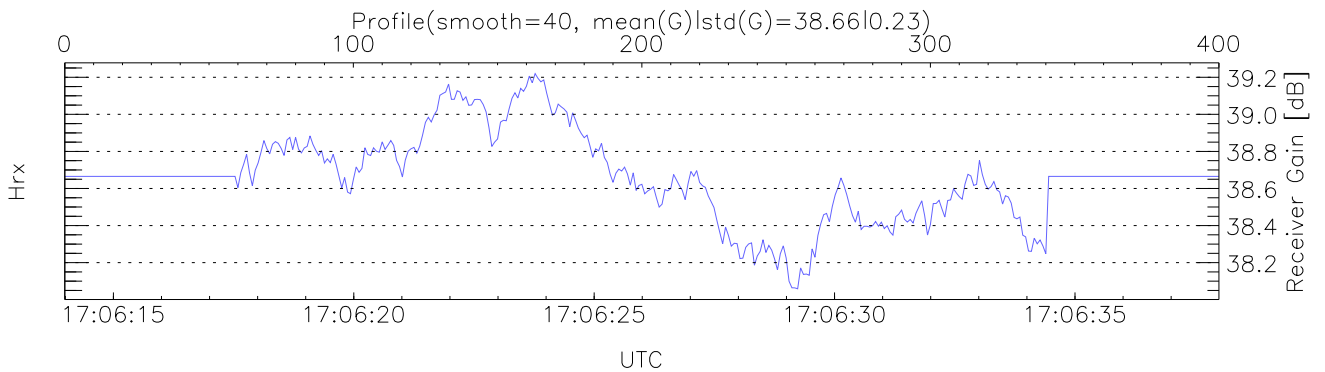
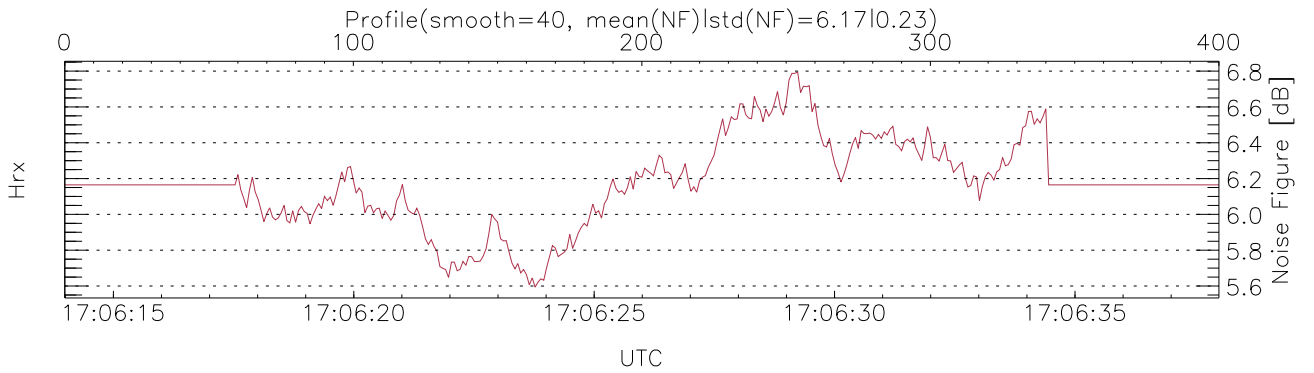
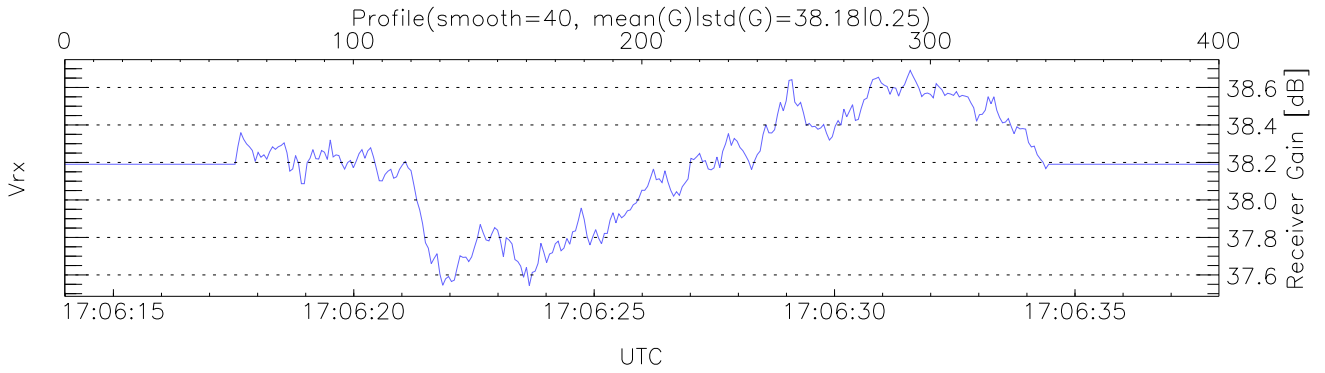
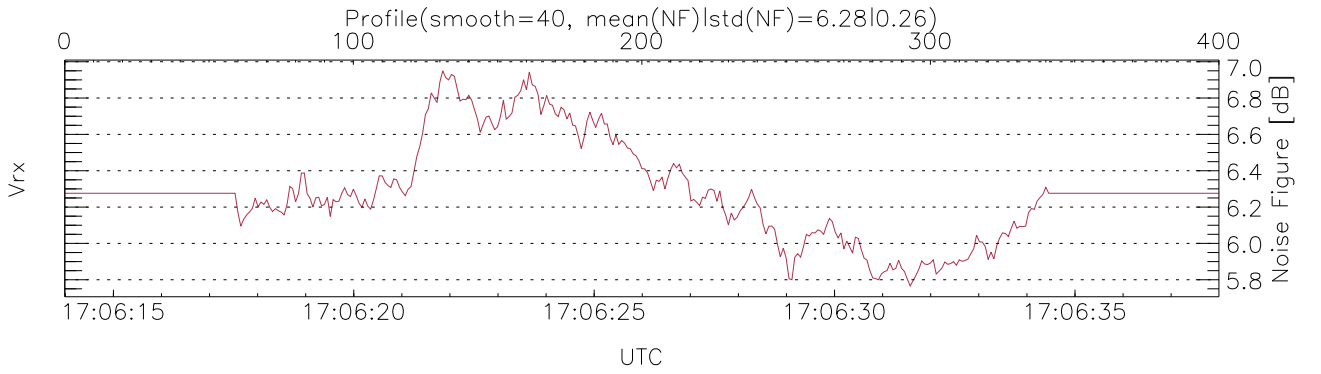
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 17:06:14-17:06:38, Dur: 24.01s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 60.0,60.0,60.0,0.0 ms / 17,17,17
 NumRec(r/t): 401/401, 0-400/17:06:14-17:06:38
 AcqTime: 60.0ms, Rate: 383KB/s, Averages: 200
 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,rqs): 105,6788,15.0 m, Gates: 446, Aspect: 2.8
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



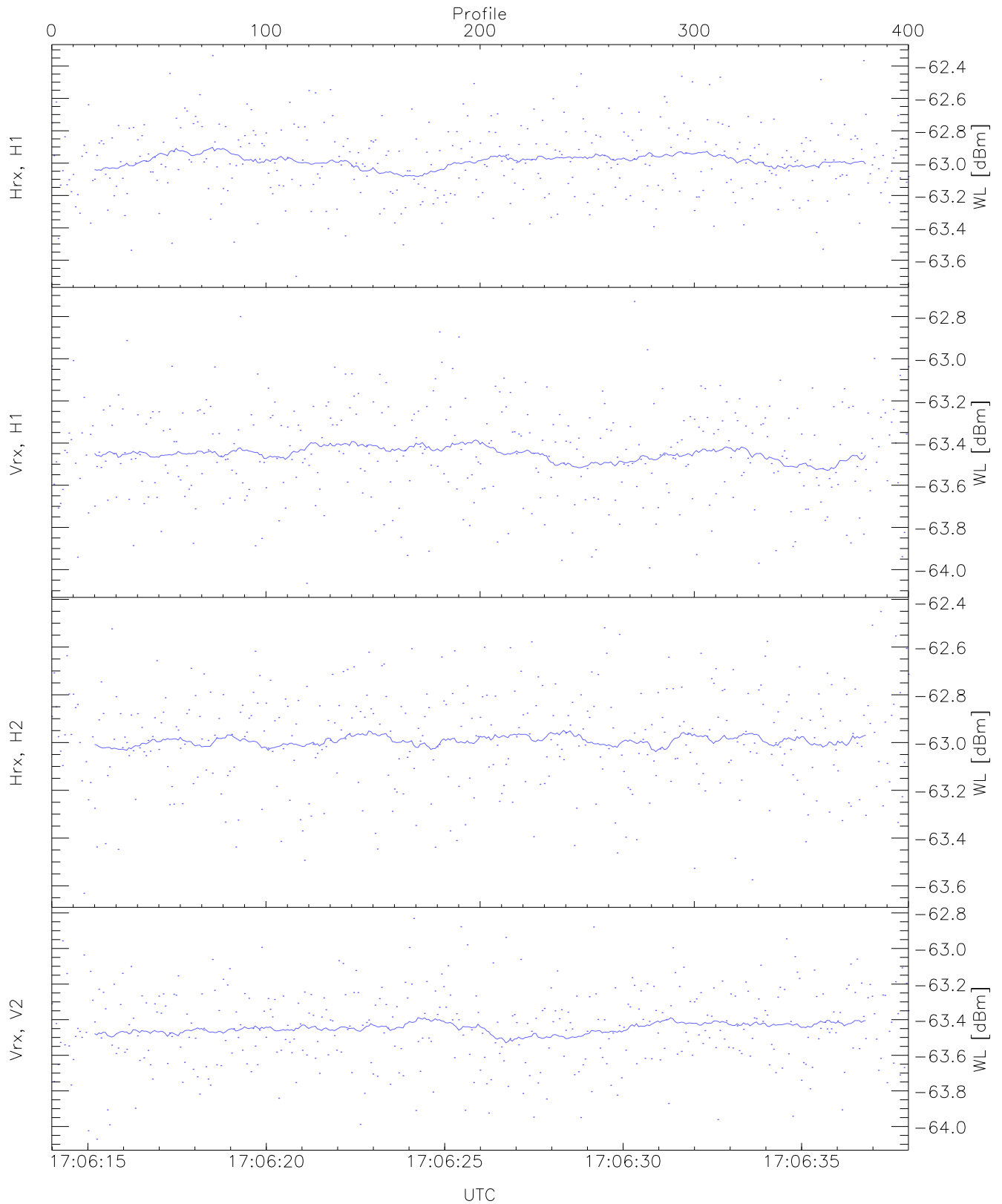
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,18,26,24,27
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,20,27,25,29
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK/Modulator Faults: None



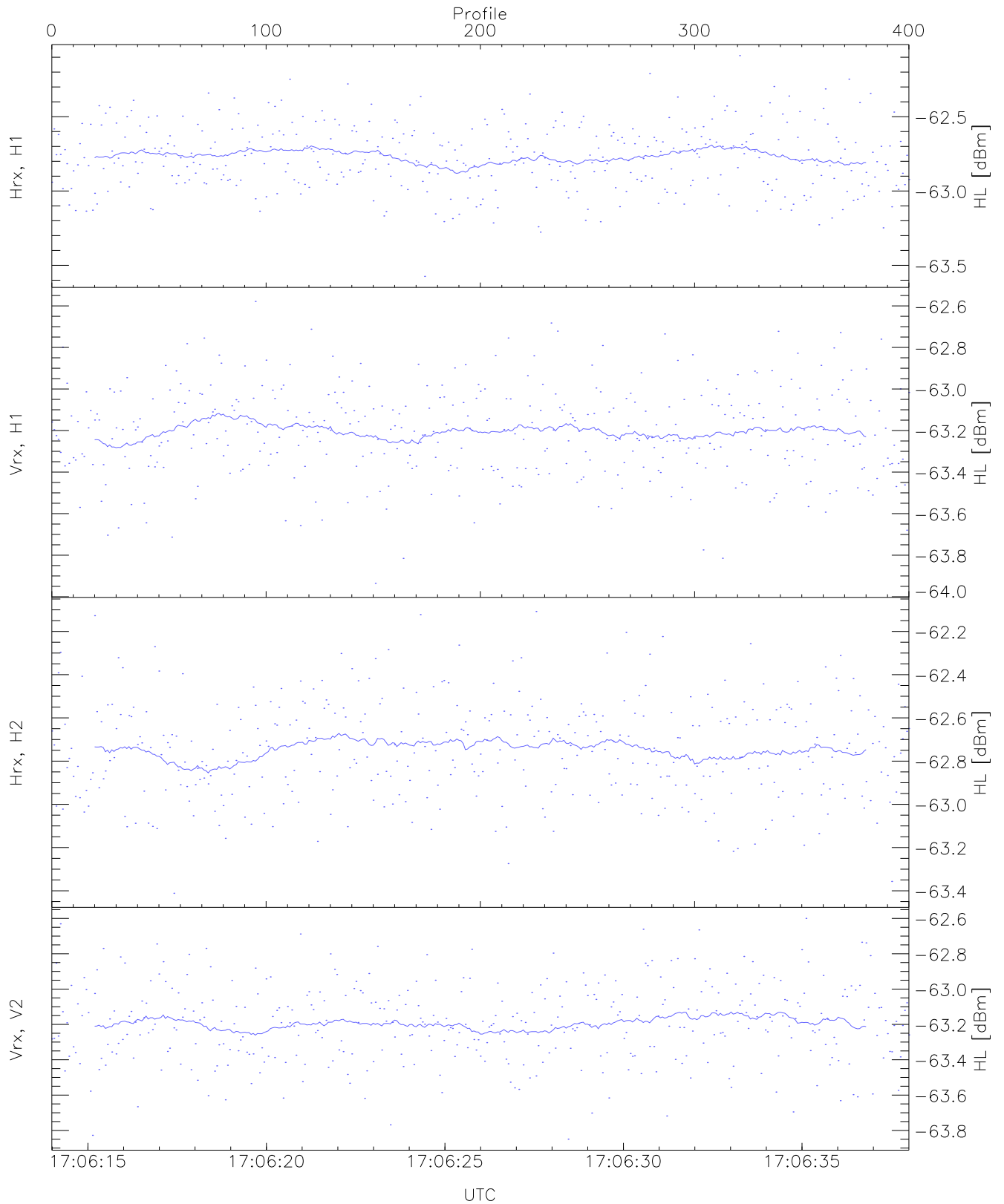
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 156 pixs, 3 gates, 135 profs, 1 prods



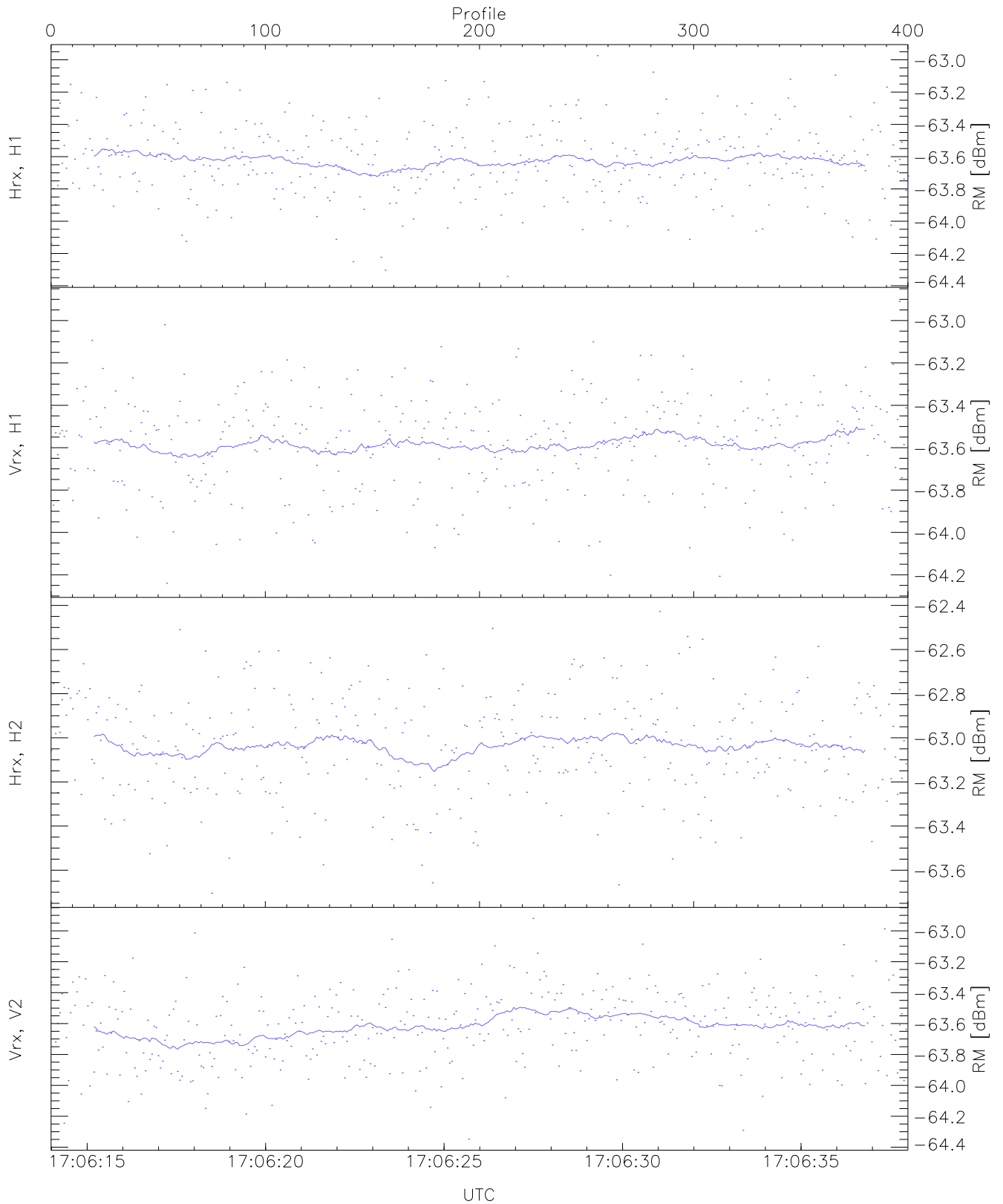
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-63.70	-62.34	-62.98	-62.99	-75.94
Vrx, H1 (WL [dBm])	-64.06	-62.73	-63.45	-63.46	-76.27
Hrx, H2 (WL [dBm])	-63.63	-62.45	-62.99	-62.98	-76.15
Vrx, V2 (WL [dBm])	-64.07	-62.83	-63.44	-63.45	-76.41



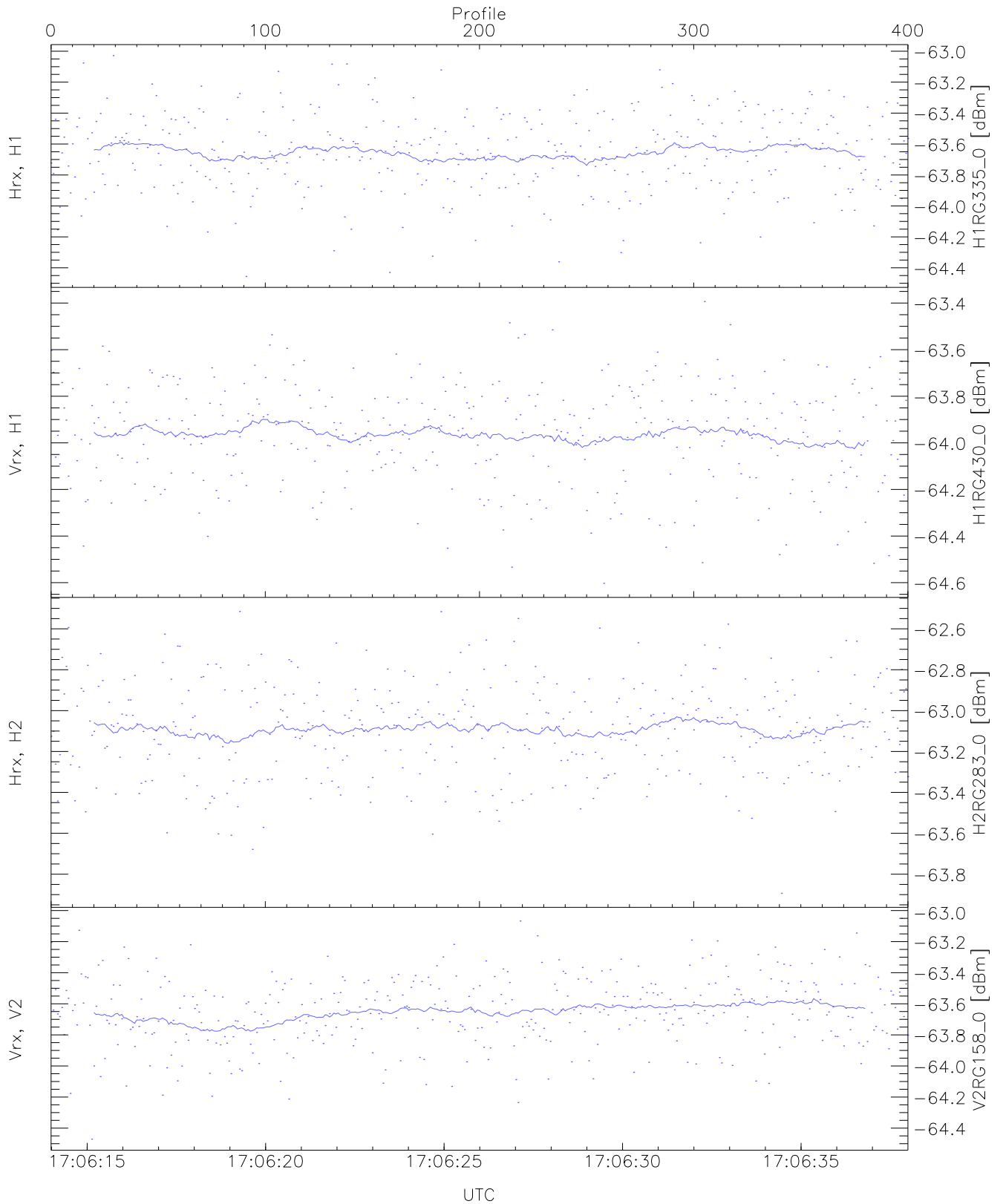
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.57	-62.09	-62.77	-62.78	-75.71
Vrx, H1 (HL [dBm])	-63.94	-62.58	-63.20	-63.20	-76.23
Hrx, H2 (HL [dBm])	-63.41	-62.11	-62.74	-62.75	-75.59
Vrx, V2 (HL [dBm])	-63.85	-62.60	-63.19	-63.19	-76.12



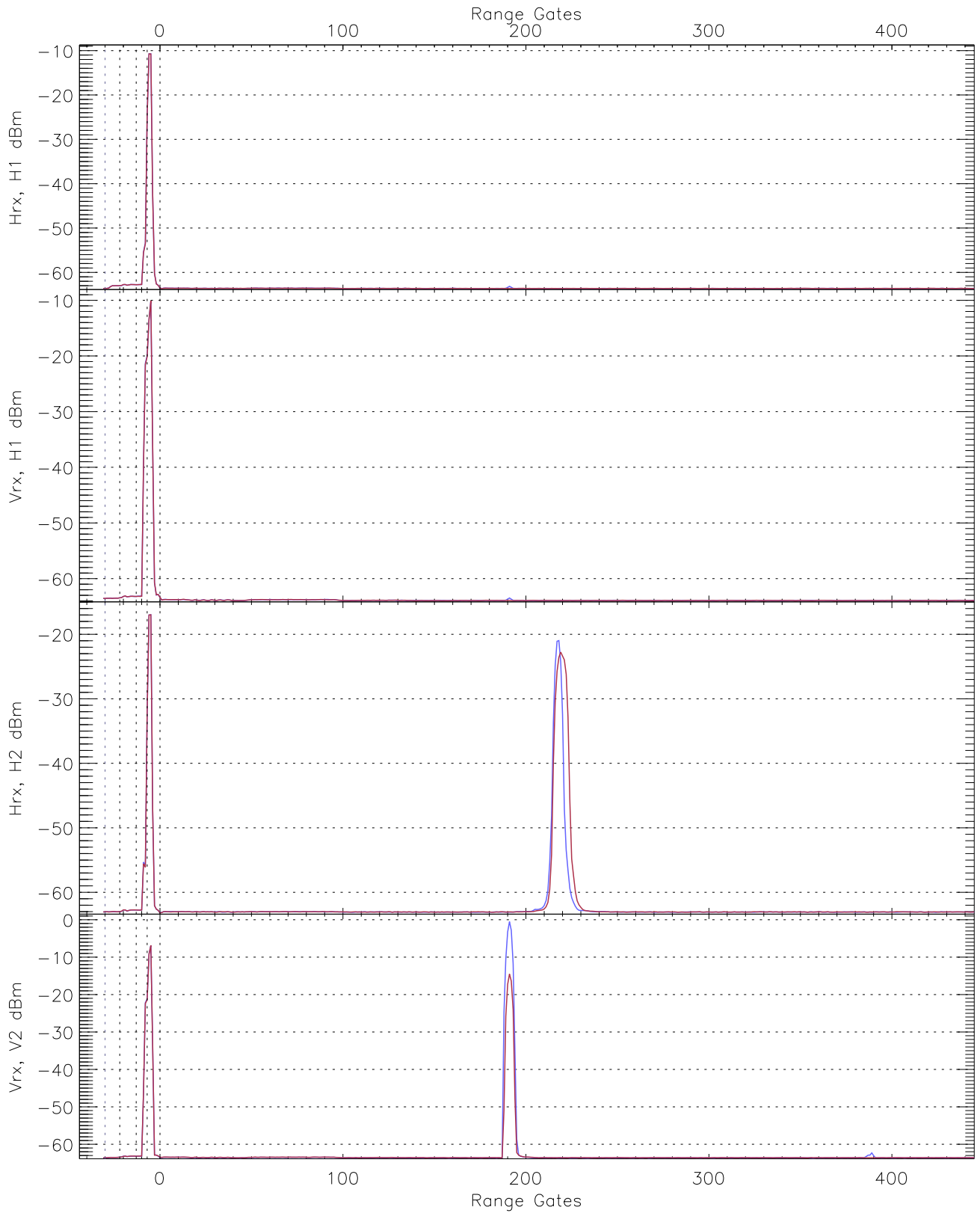
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.34	-62.97	-63.62	-63.64	-76.46
Vrx, H1 (RM [dBm])	-64.24	-62.91	-63.57	-63.55	-76.62
Hrx, H2 (RM [dBm])	-63.70	-62.43	-63.03	-63.03	-75.86
Vrx, V2 (RM [dBm])	-64.35	-62.92	-63.61	-63.60	-76.34

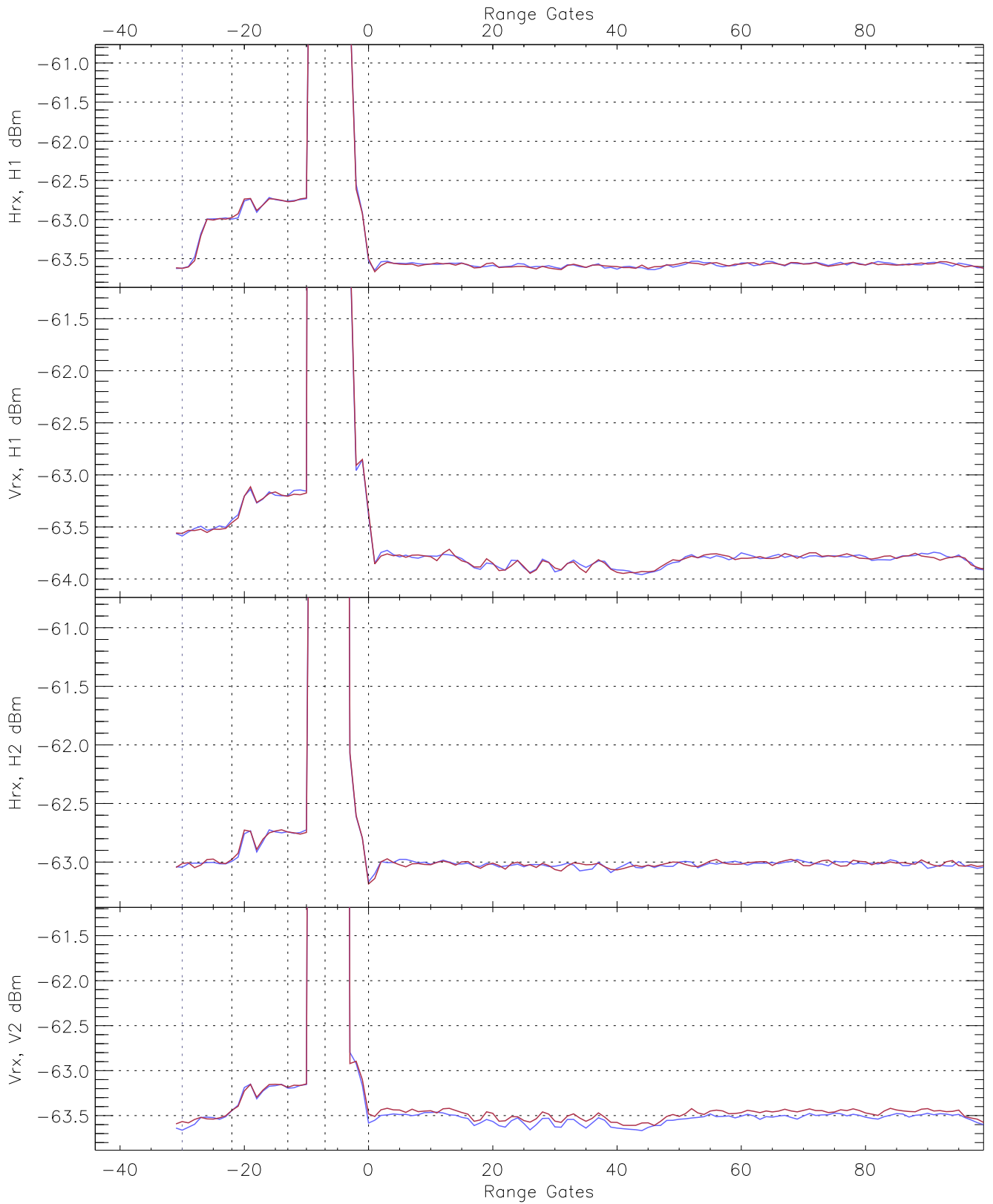


WCR2 CPP "Best" estimate Receivers Noise Power

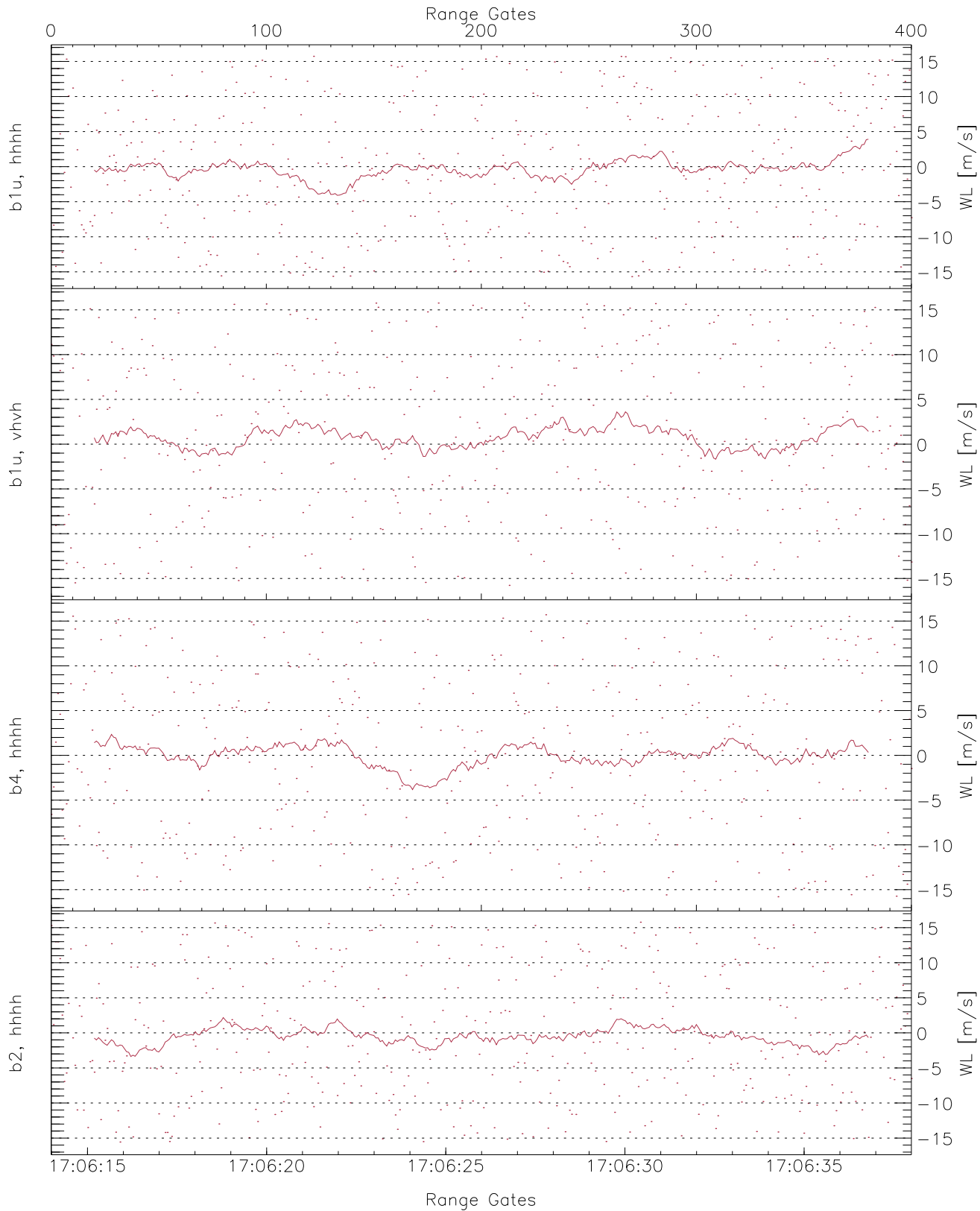
	Min	Max	Mean	Median	StDev
H1RG335_0 [dBm]	-64.46	-63.03	-63.65	-63.65	-76.14
H1RG430_0 [dBm]	-64.60	-63.39	-63.96	-63.94	-77.12
H2RG283_0 [dBm]	-63.89	-62.52	-63.08	-63.08	-75.91
V2RG158_0 [dBm]	-64.47	-63.05	-63.65	-63.64	-76.62



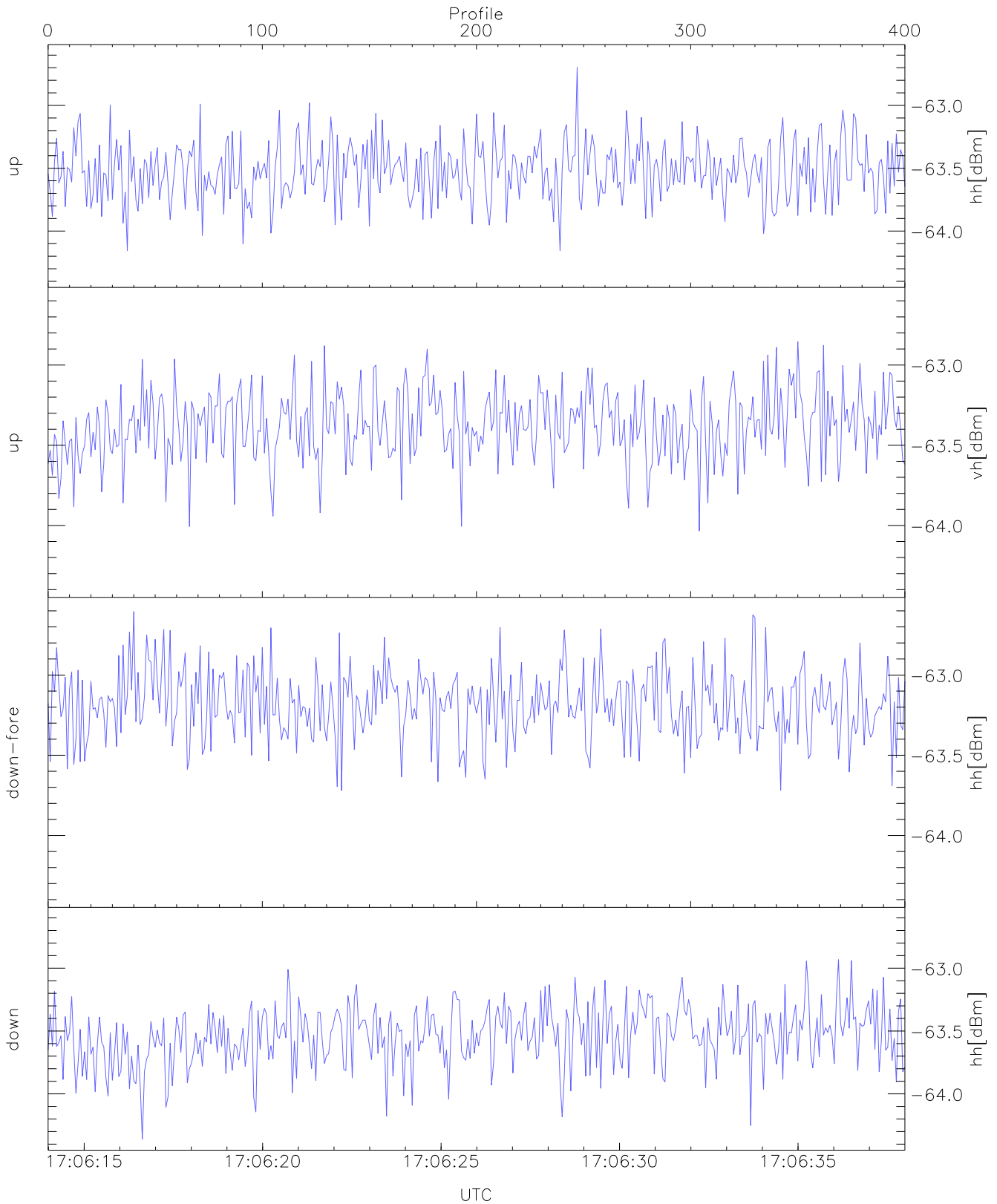
WCR2 CPP Averaged Received power for all recorded gates
blue: 170614-170626, 201 profiles averaged
red: 170626-170638, 201 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 170614-170626, 201 profiles averaged
red: 170626-170638, 201 profiles averaged

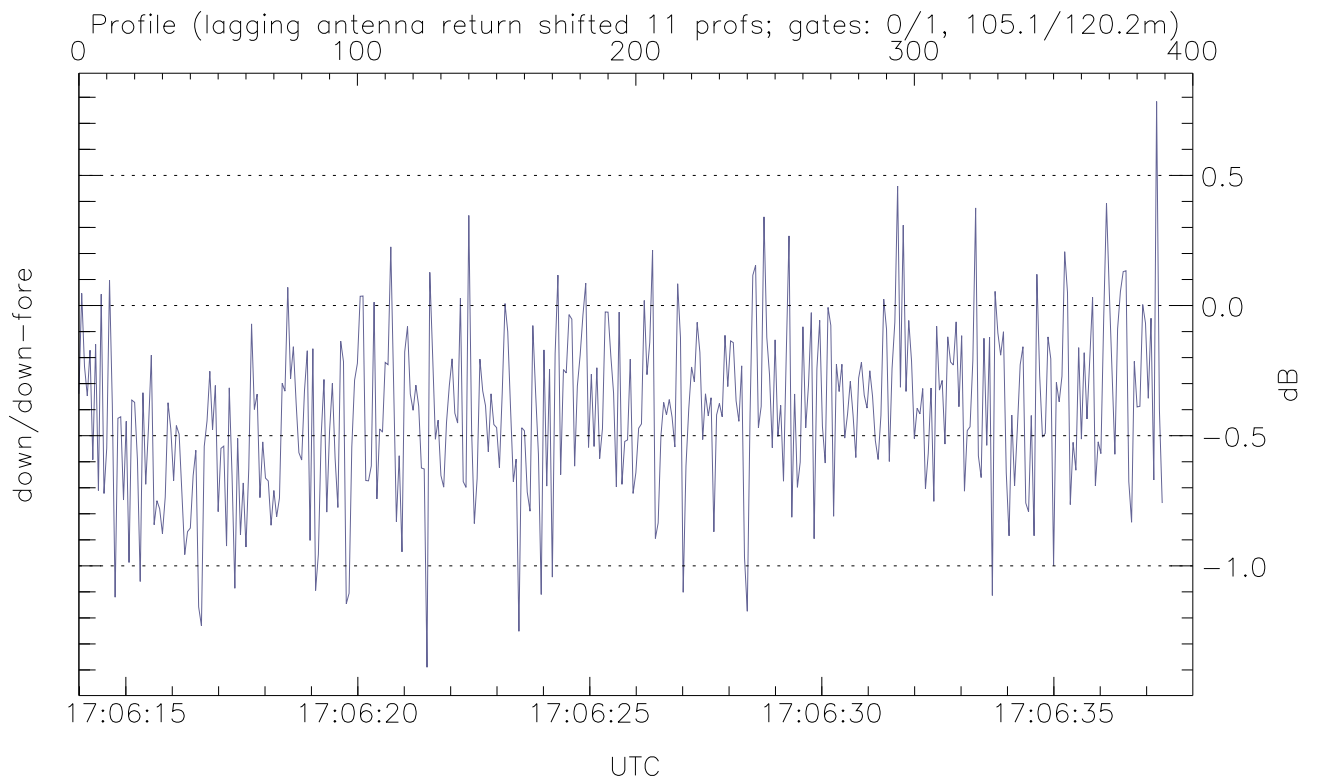
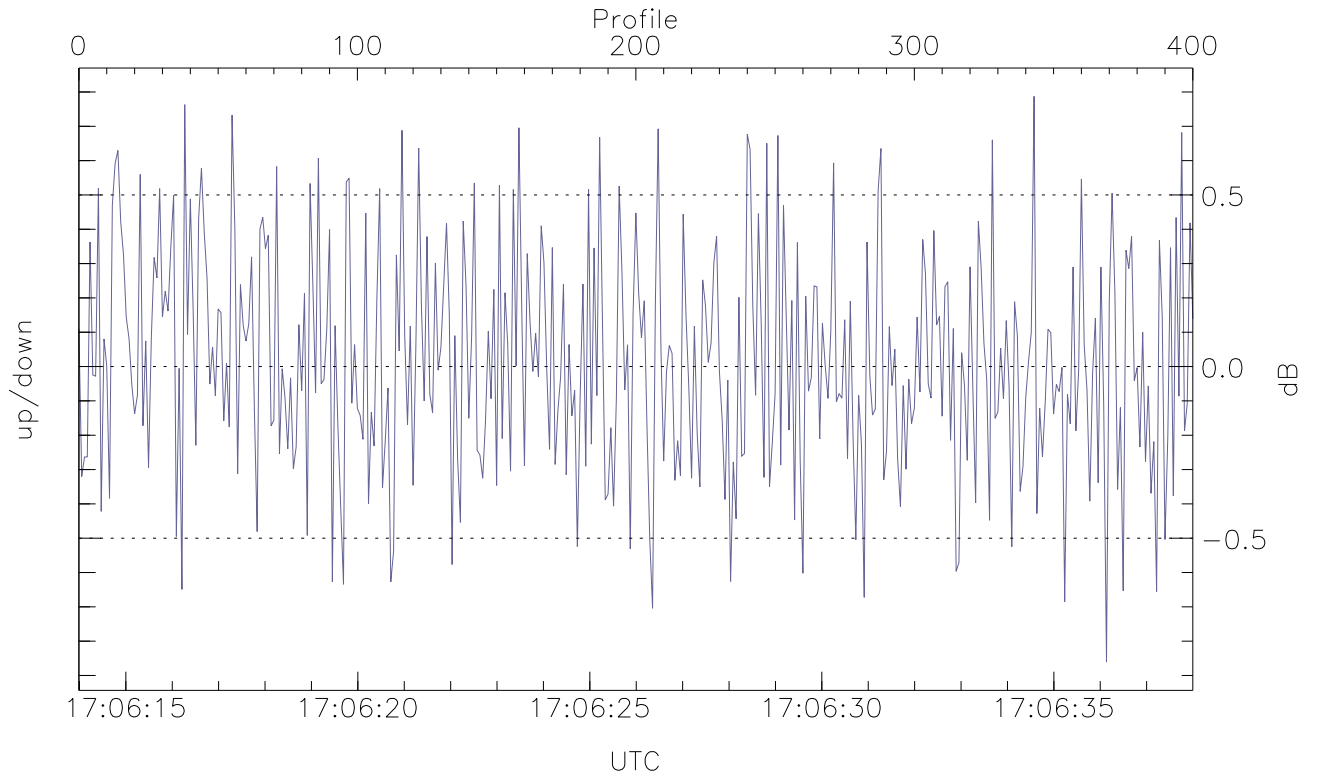


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



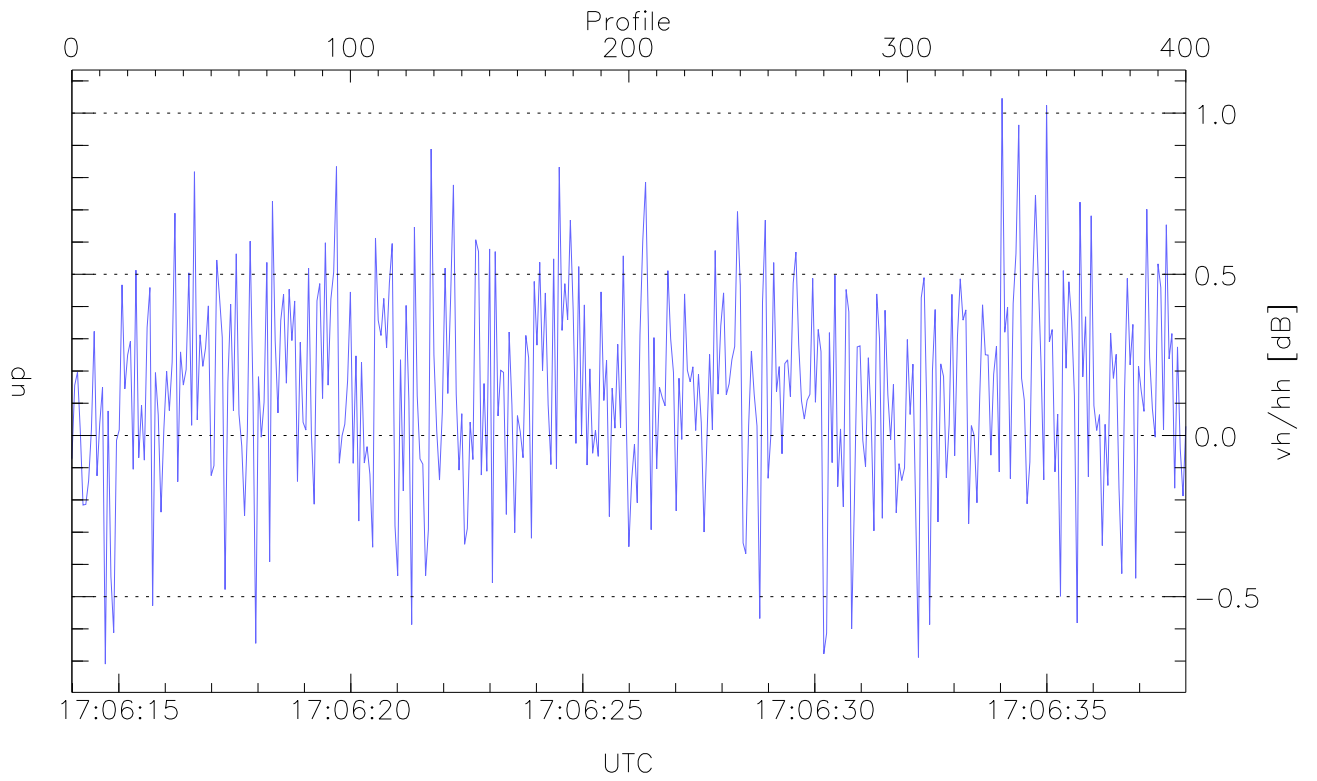
WCR2 CPP Received Power Products for Range gate 0 (105.1 m)

	Min	Max	Mean
up(hh[dBm])	-64.16	-62.70	-63.52
up(vh[dBm])	-64.03	-62.85	-63.37
down-fore(hh[dBm])	-63.72	-62.60	-63.18
down(hh[dBm])	-64.36	-62.93	-63.53



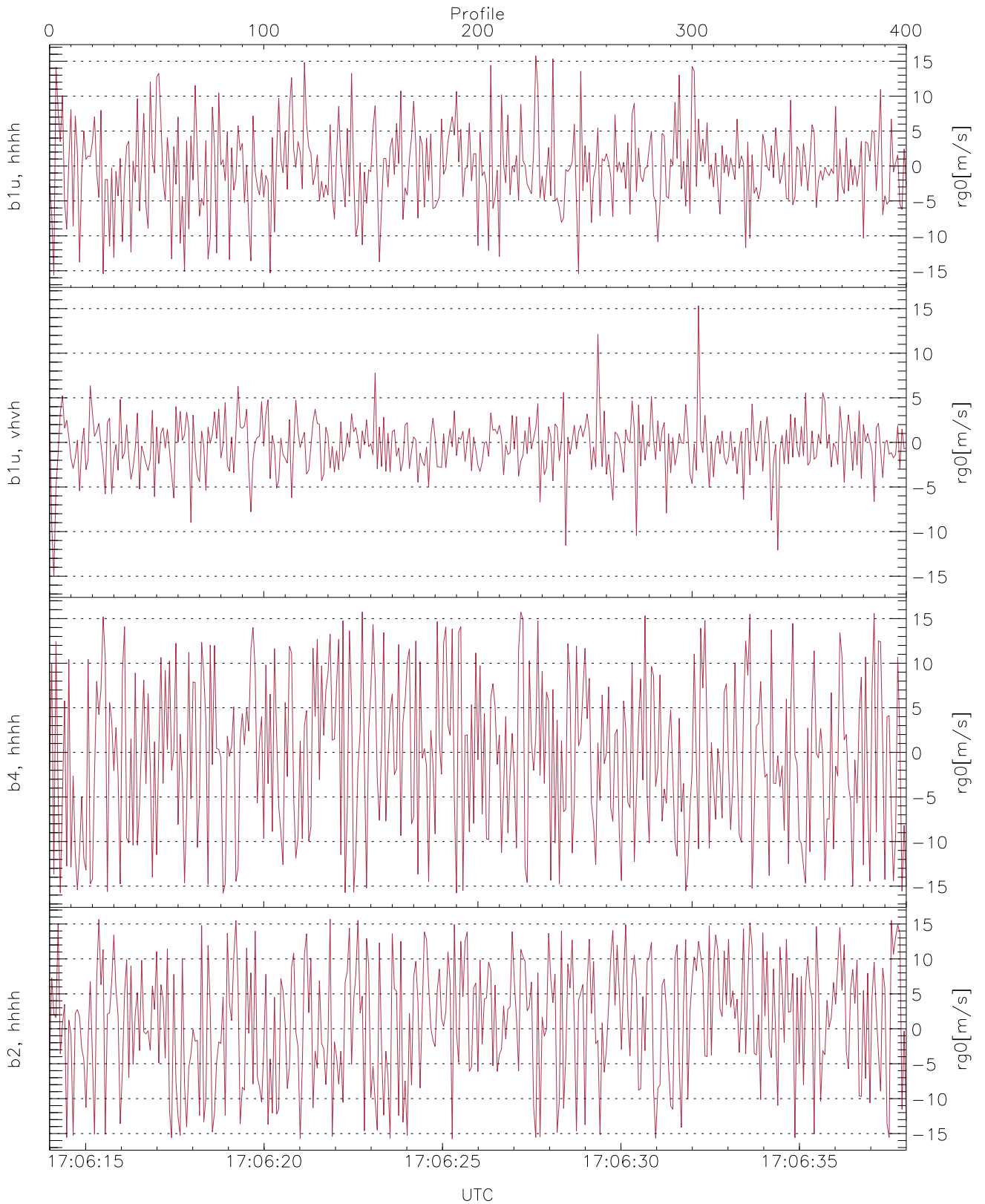
WCR2 Beam pairs Received Power Ratio(s); RangeGate: 0 (105 m)

	Min	Max	Mean
up/down (dB)	-0.86	0.79	0.02
down/down-fore (dB)	-1.39	0.78	-0.41



WCR2 Co- and Cross-pol Received Power Ratio(s); RangeGate: 0 (105 m)

	Min	Max	Mean
up(vh/hh [dB])	-0.71	1.05	0.16



WCR2 CPP Doppler Velocity Products at 105.1 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg0[m/s])	-15.61	15.78	-0.29	5.98
b1u, vvhv(rg0[m/s])	-15.03	15.34	-0.38	3.13
b4, hhhh(rg0[m/s])	-15.80	15.75	-0.34	8.77
b2, hhhh(rg0[m/s])	-15.77	15.72	1.09	8.72