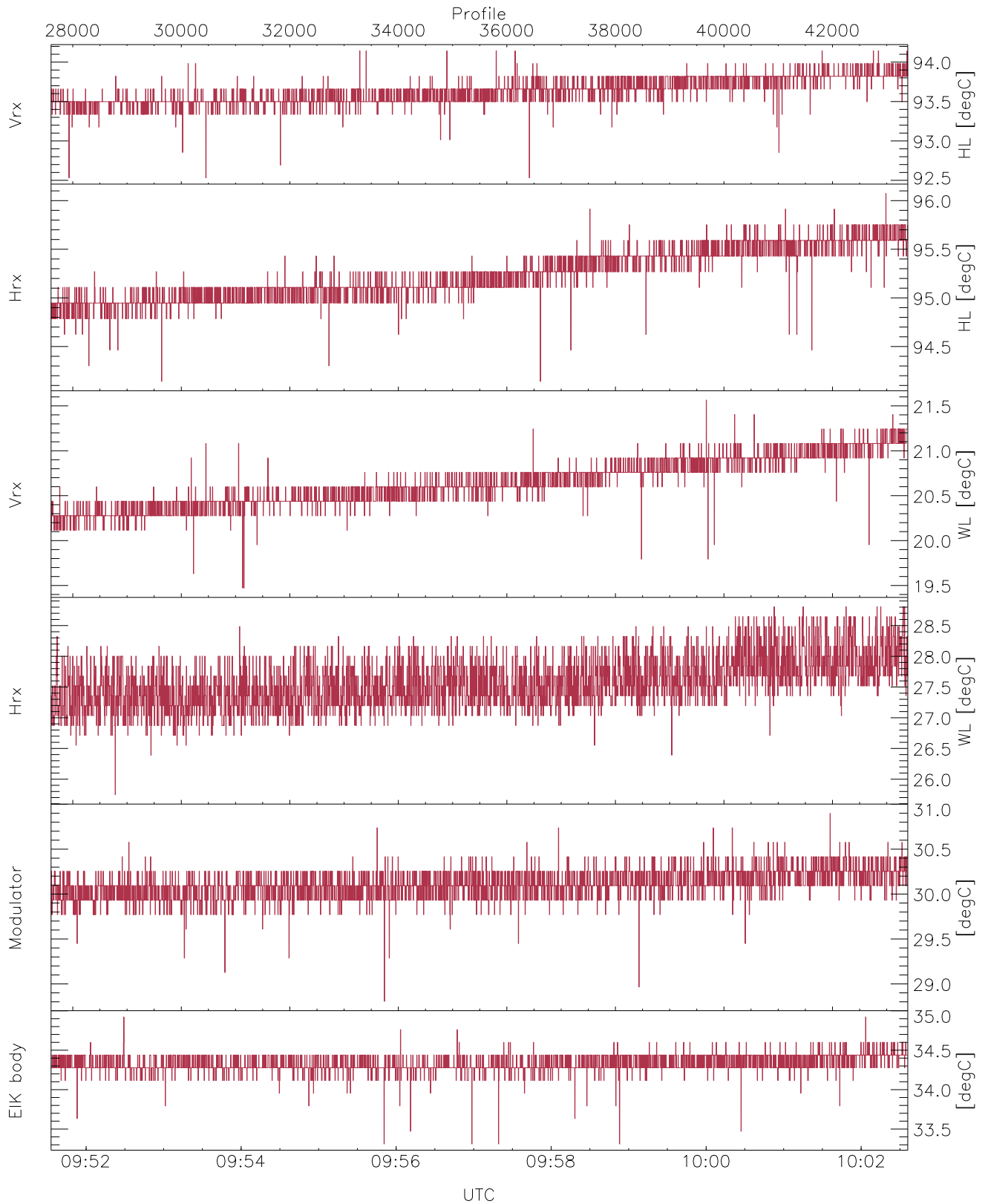


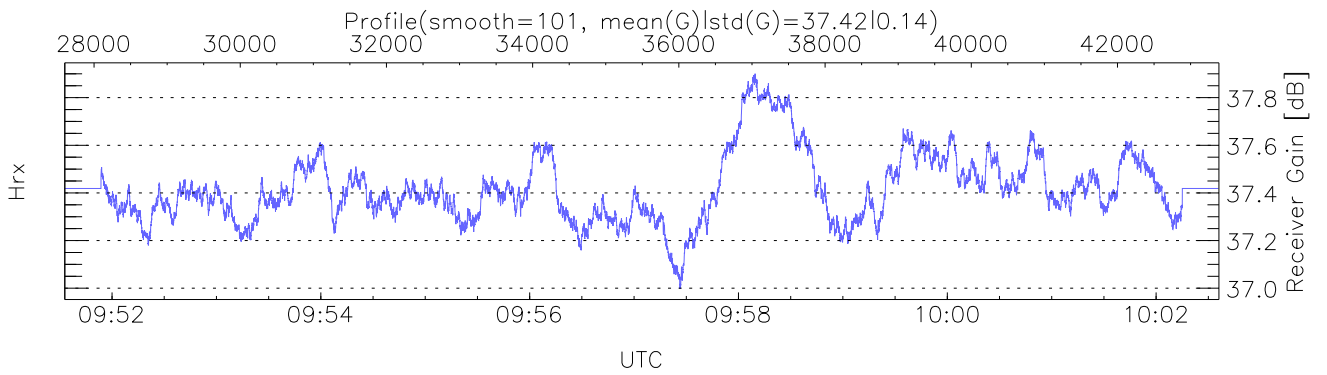
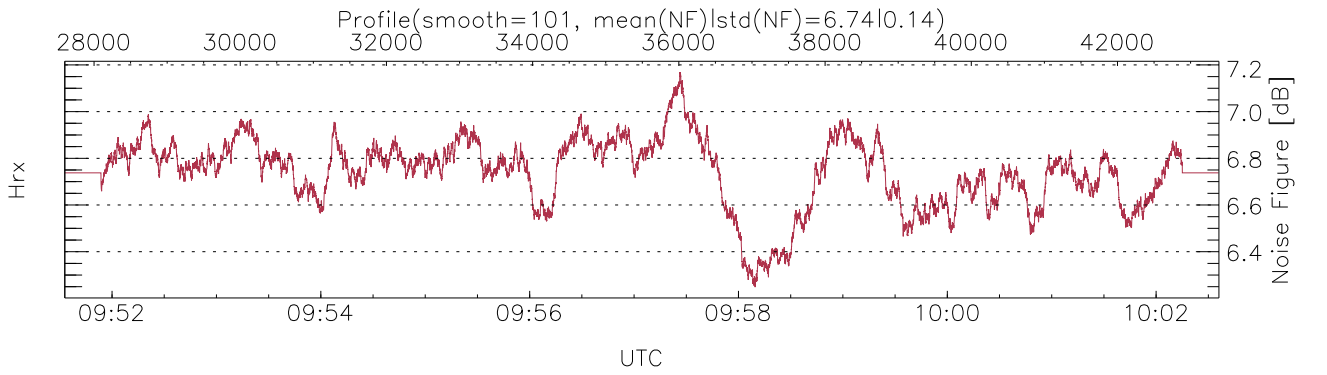
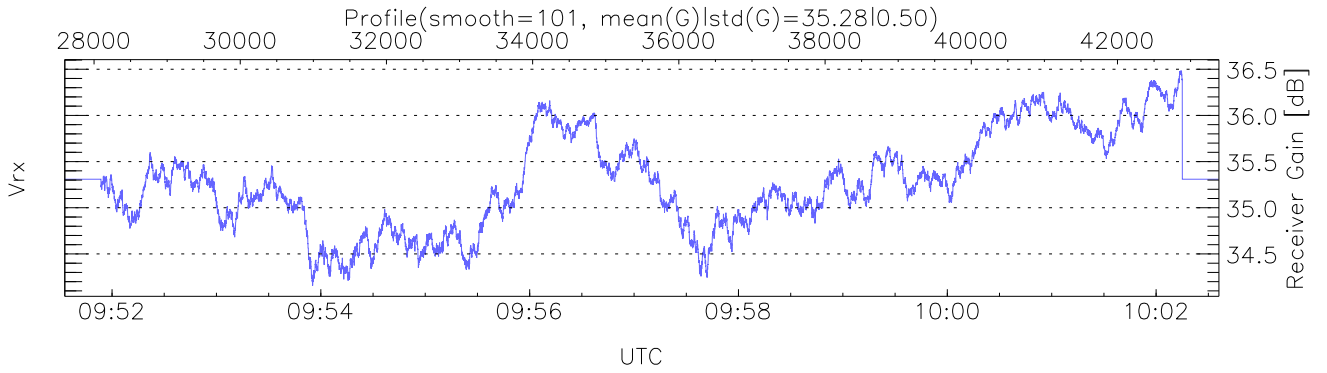
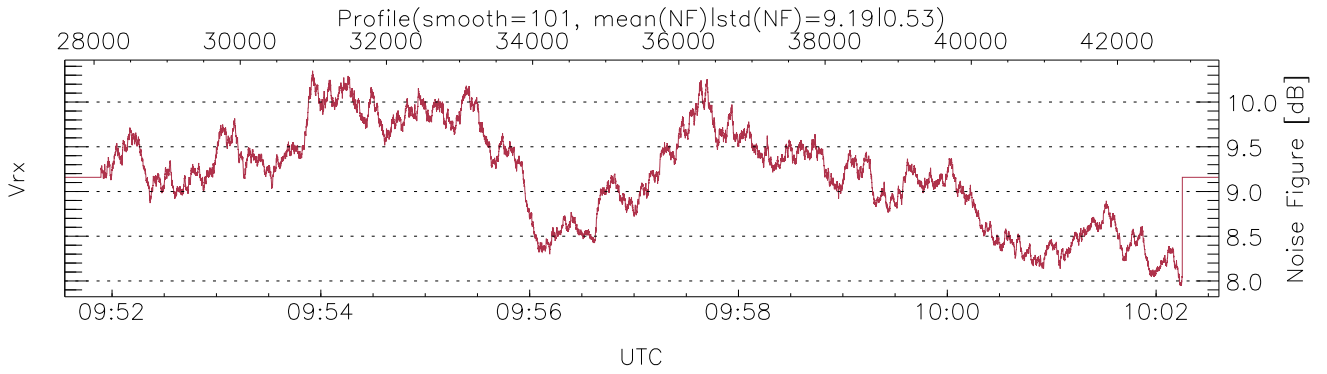
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 09:32:13-10:02:36, Dur: 1822.75s  
 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): 15789/43389, 27600-43388/09:51:33-10:02:36  
 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,rqs): 105,6187,15.0 m, Gates: 406, Aspect: 4.0  
 Mirror(-9|0|1|2,3,9x)=no mirror|sidelup|error): 1



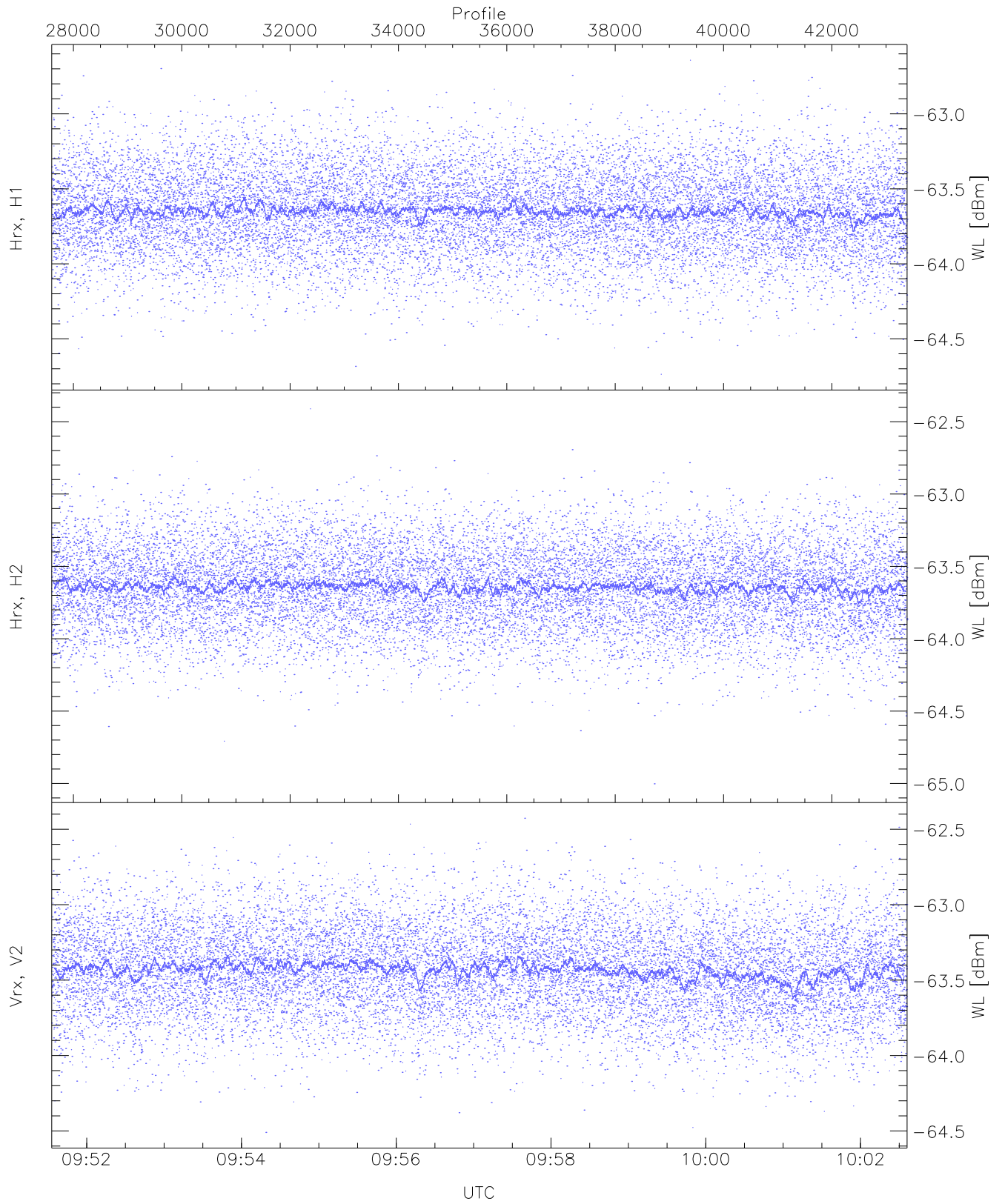
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,19,25,28,33  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,21,28,30,34  
LOalarm(20,80,240,2.8,14.8 MHz): None  
EIK/Modulator Faults: None



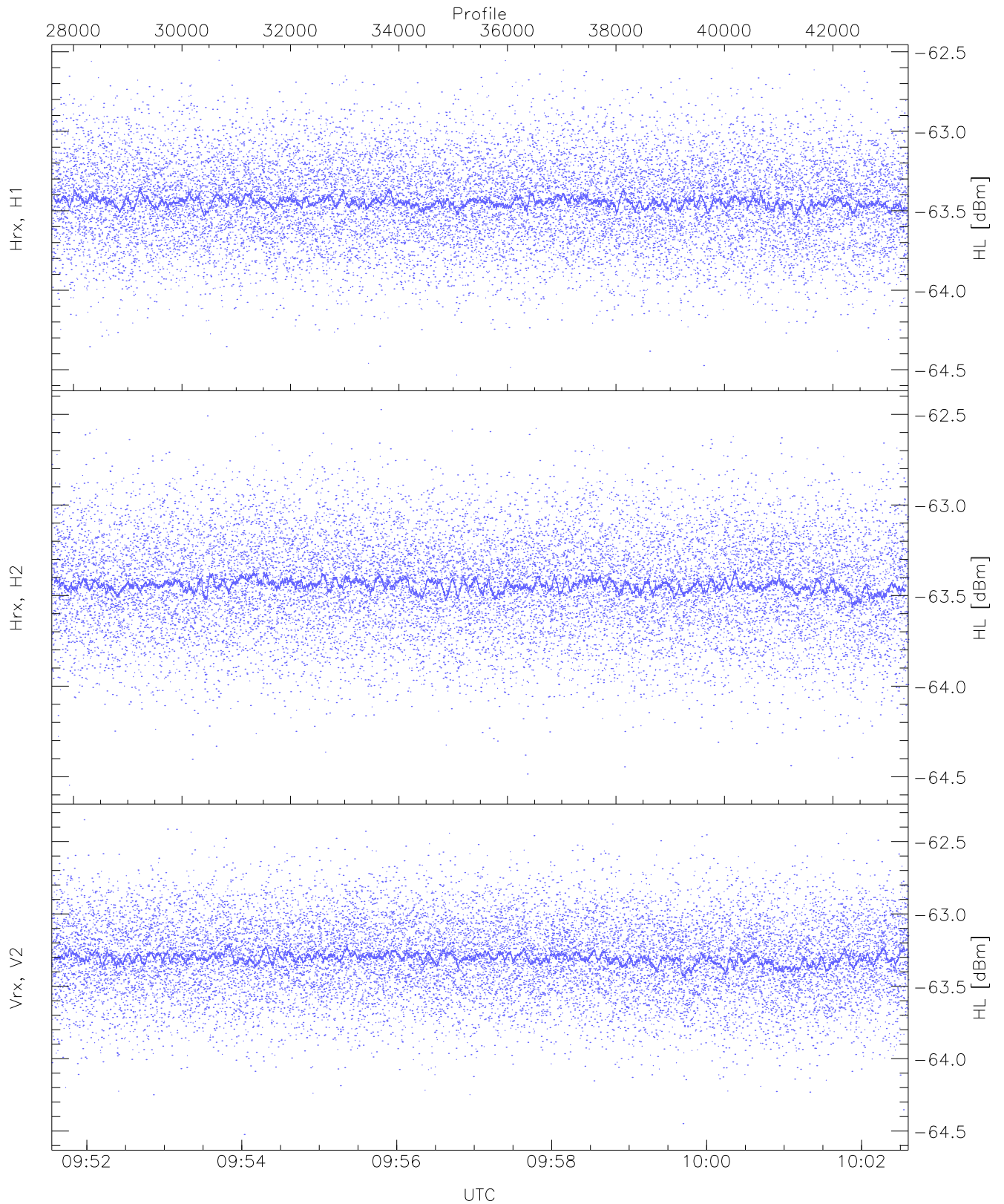
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 14064 pixs, 99 gates, 8752 profs, 3 prods



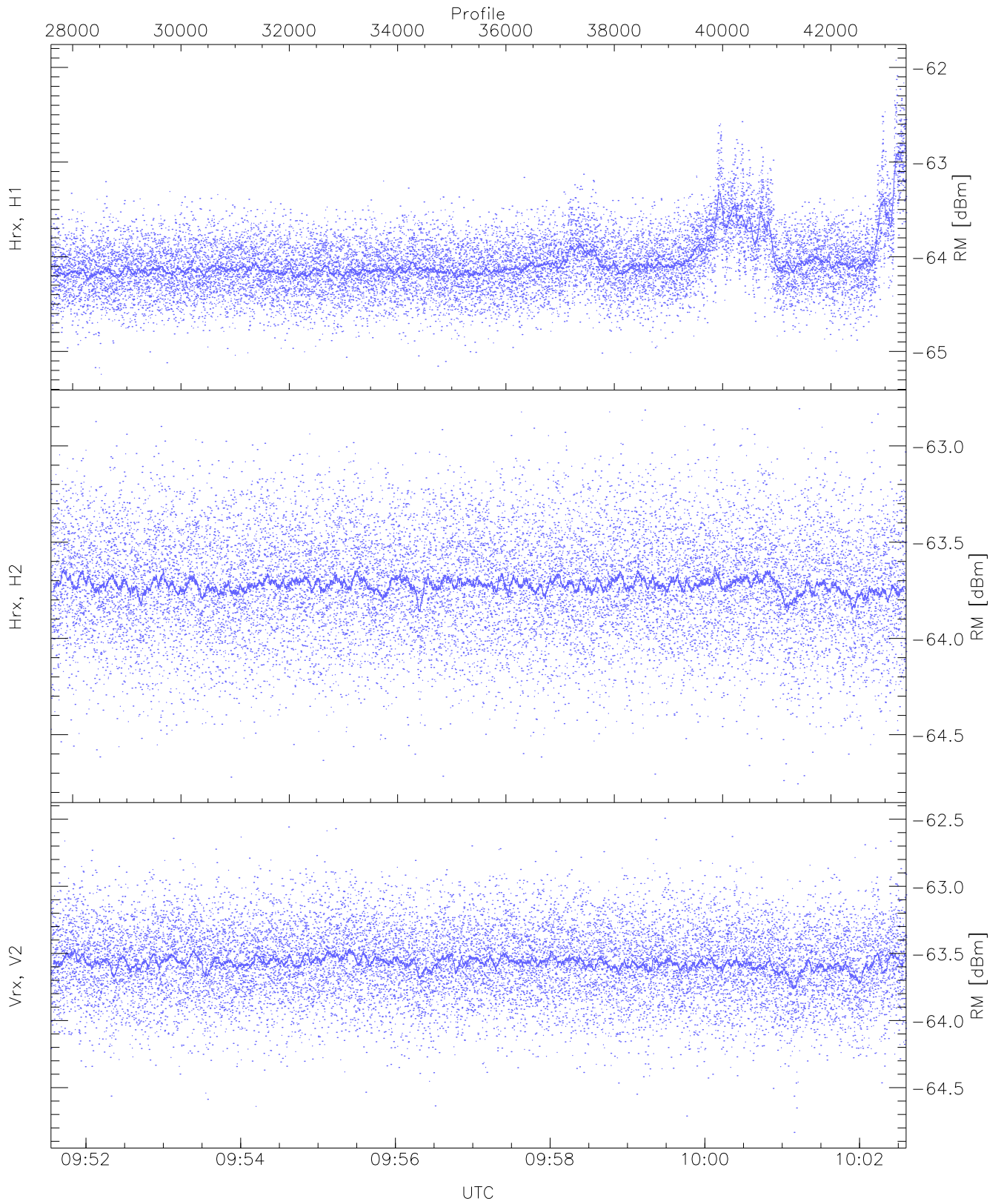
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-64.74	-62.64	-63.65	-63.65	-75.81
Hrx, H2 (WL [dBm])	-65.00	-62.41	-63.64	-63.64	-75.81
Vrx, V2 (WL [dBm])	-64.51	-62.43	-63.43	-63.44	-75.50



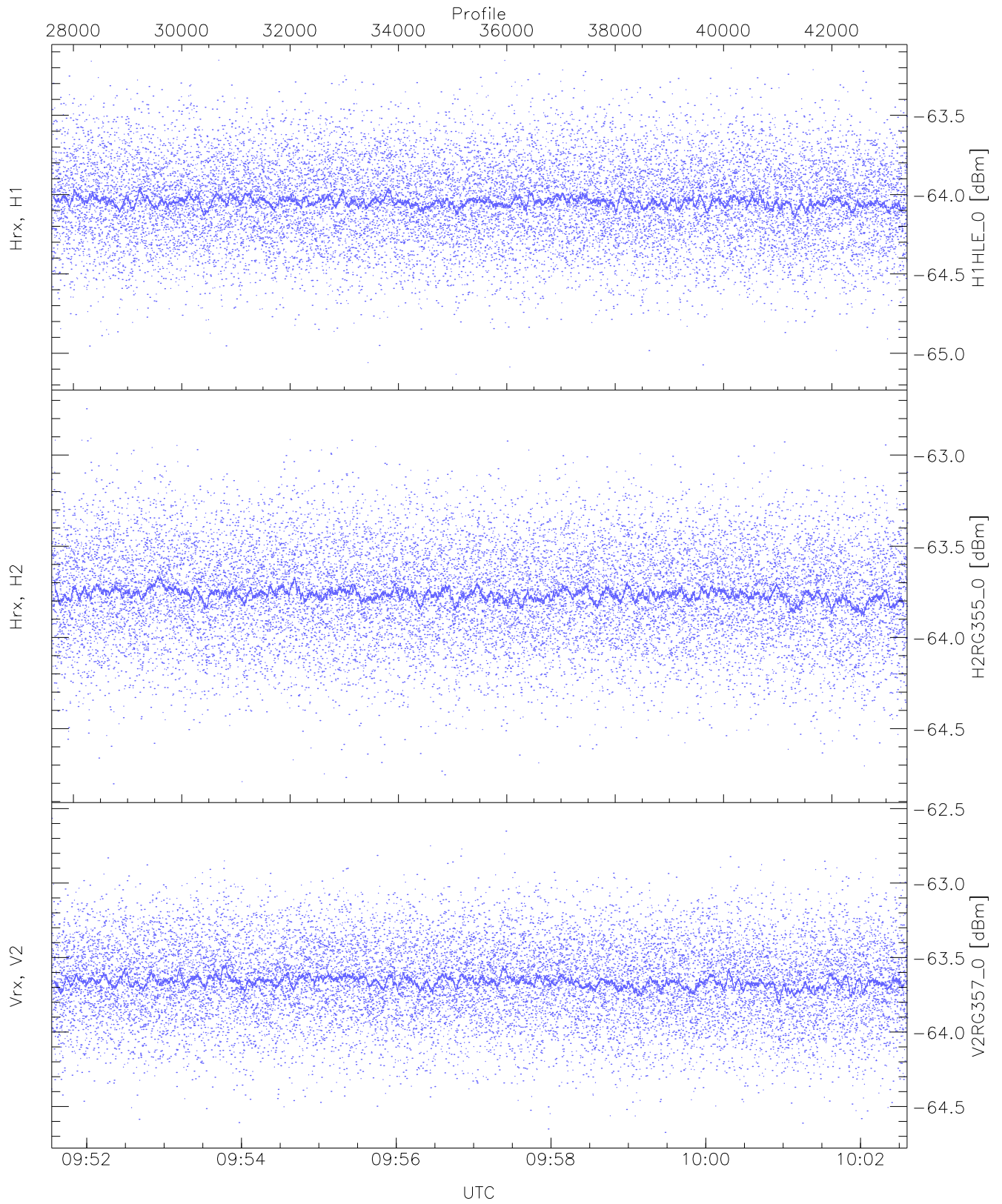
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-64.53	-62.55	-63.44	-63.45	-75.61
Hrx, H2 (HL [dBm])	-64.55	-62.47	-63.44	-63.44	-75.60
Vrx, V2 (HL [dBm])	-64.52	-62.35	-63.30	-63.31	-75.44



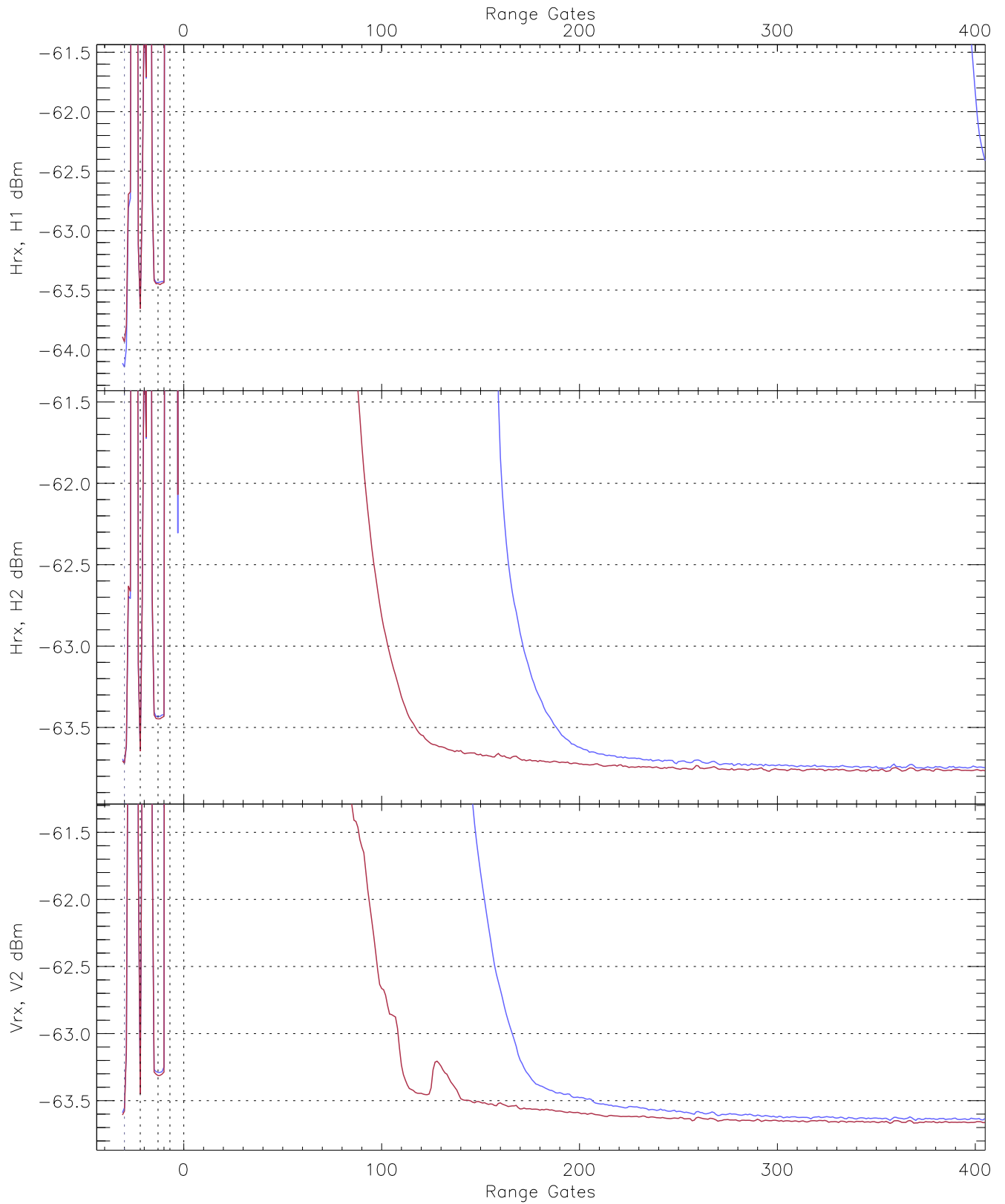
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-65.24	-61.92	-64.04	-64.08	-74.89
Hrx, H2(RM [dBm])	-64.76	-62.81	-63.72	-63.72	-75.82
Vrx, V2(RM [dBm])	-64.83	-62.49	-63.57	-63.57	-75.65



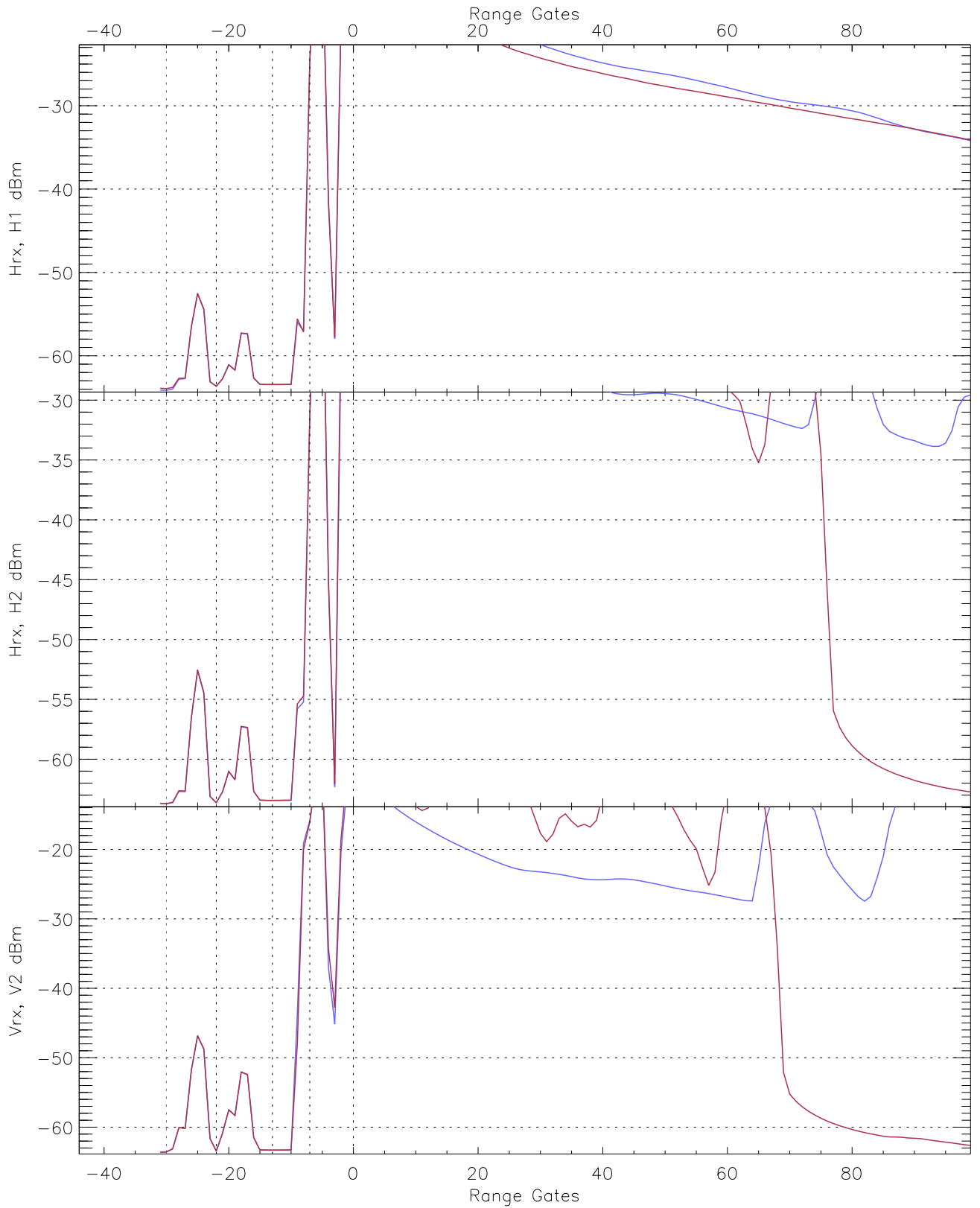
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1HLE_0 [dBm]	-65.13	-63.15	-64.04	-64.04	-76.21
H2RG355_0 [dBm]	-64.80	-62.75	-63.76	-63.77	-75.94
V2RG357_0 [dBm]	-64.67	-62.56	-63.66	-63.66	-75.74

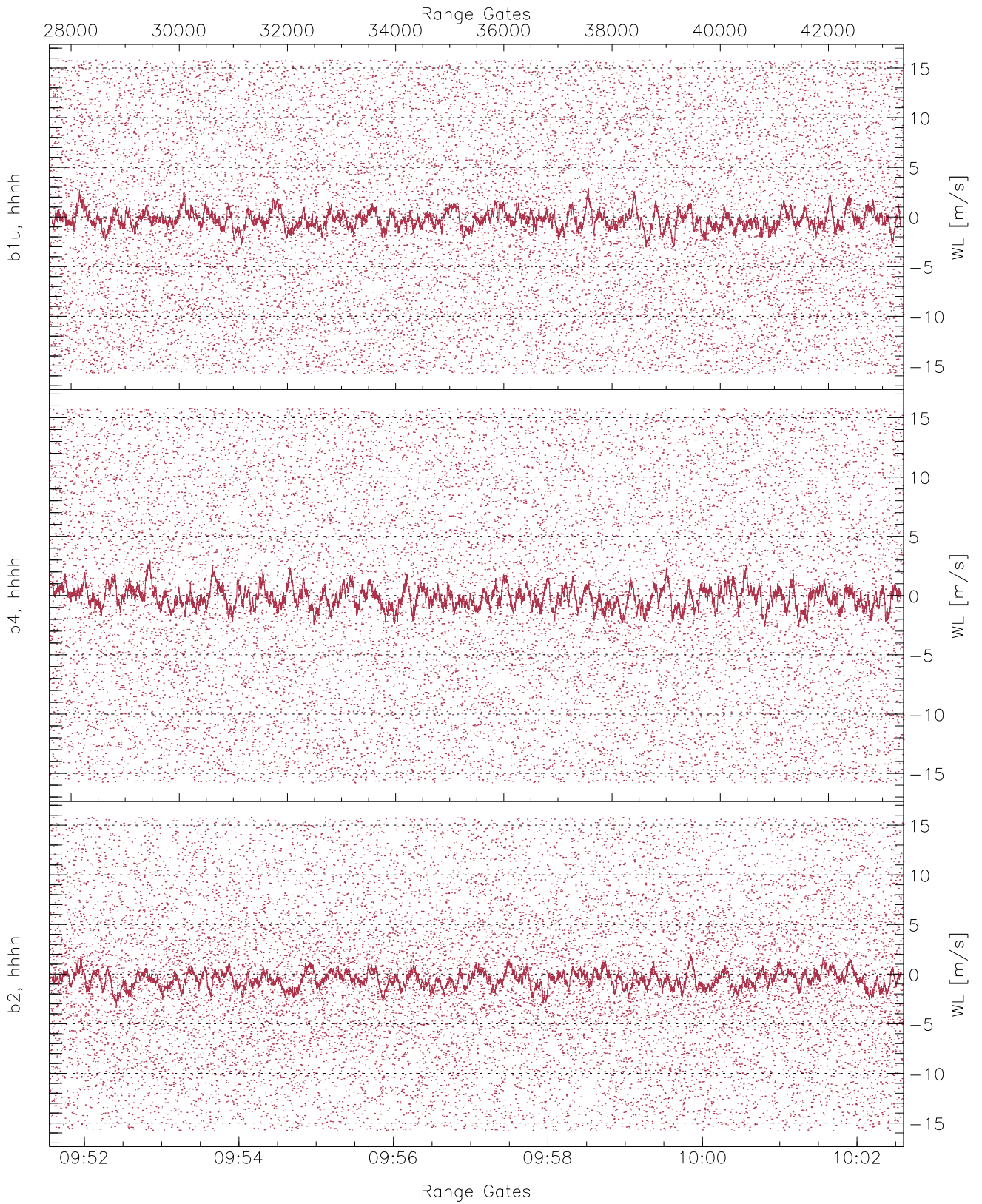


WCR2 CPP Averaged Received power for all recorded gates  
blue: 095133-095704, 7895 profiles averaged  
red: 095704-100236, 7895 profiles averaged

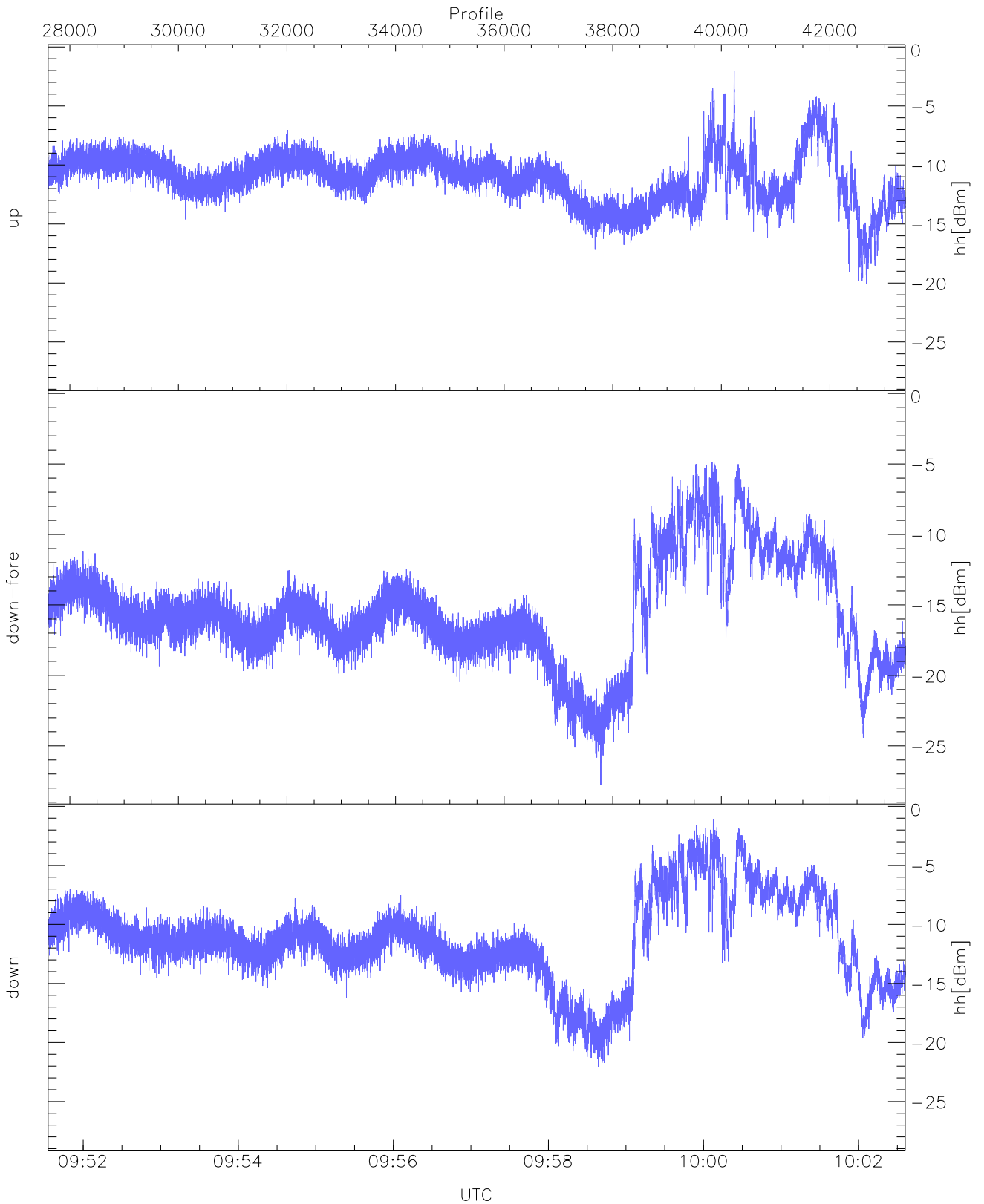




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 095133-095704, 7895 profiles averaged  
red: 095704-100236, 7895 profiles averaged

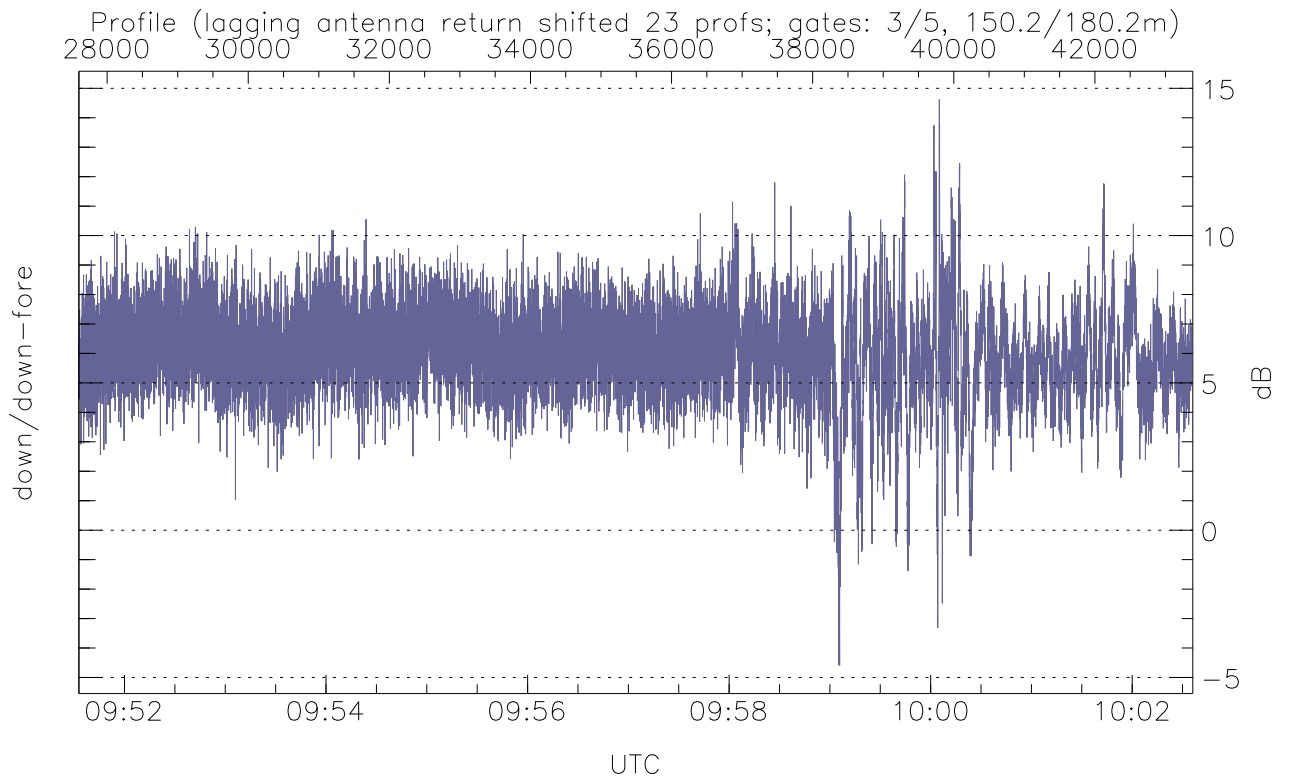
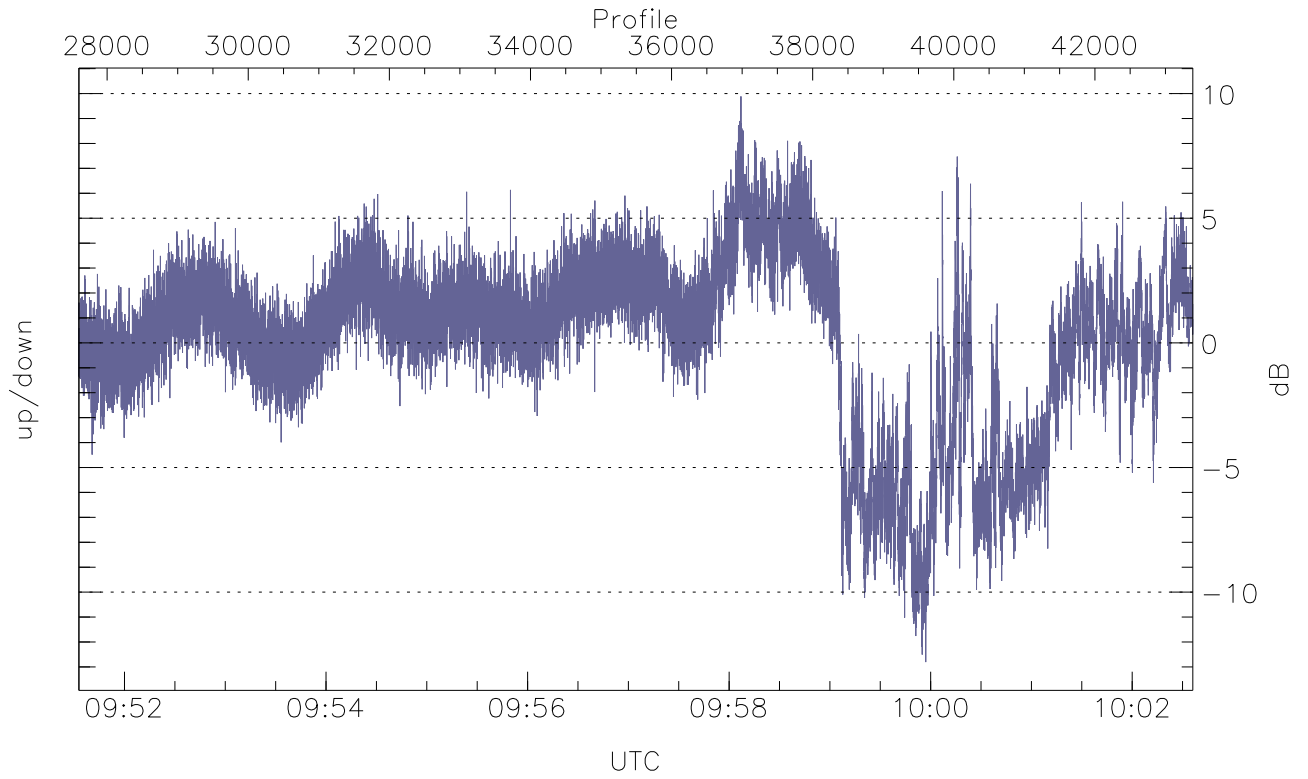


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



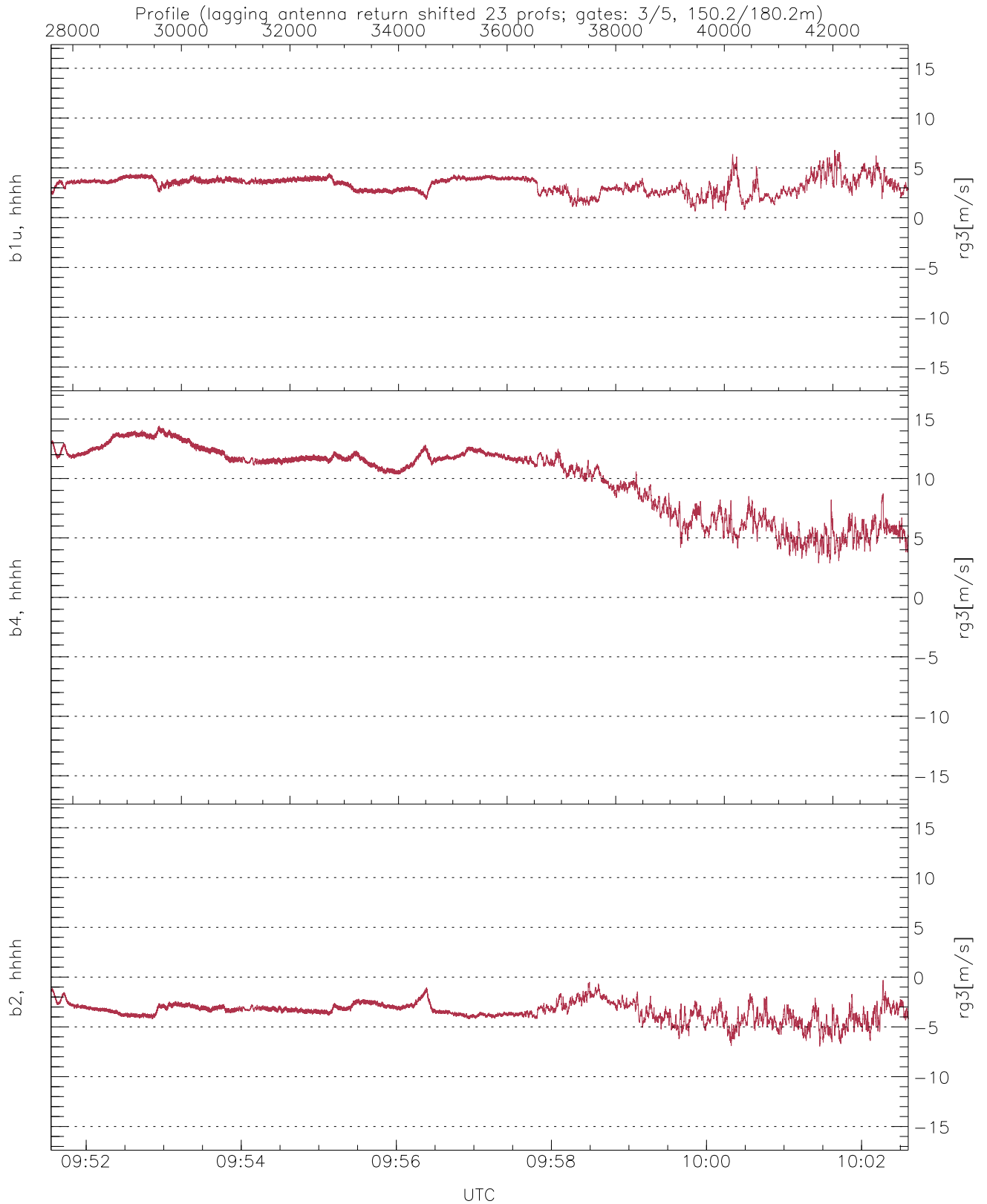
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-20.08	-2.04	-10.58
down-fore(hh[dBm])	-27.80	-4.89	-13.99
down(hh[dBm])	-22.10	-1.13	-9.78



WCR2 Beam pairs Received Power Ratio(s)

	Min	Max	Mean
up/down (dB)	-12.81	9.89	0.16
down/down-fore (dB)	-4.59	14.62	6.03



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	0.63	6.79	3.30	0.83
b4, hhhh(rg3[m/s])	2.86	14.42	9.96	2.92
b2, hhhh(rg3[m/s])	-6.95	-0.30	-3.43	0.90