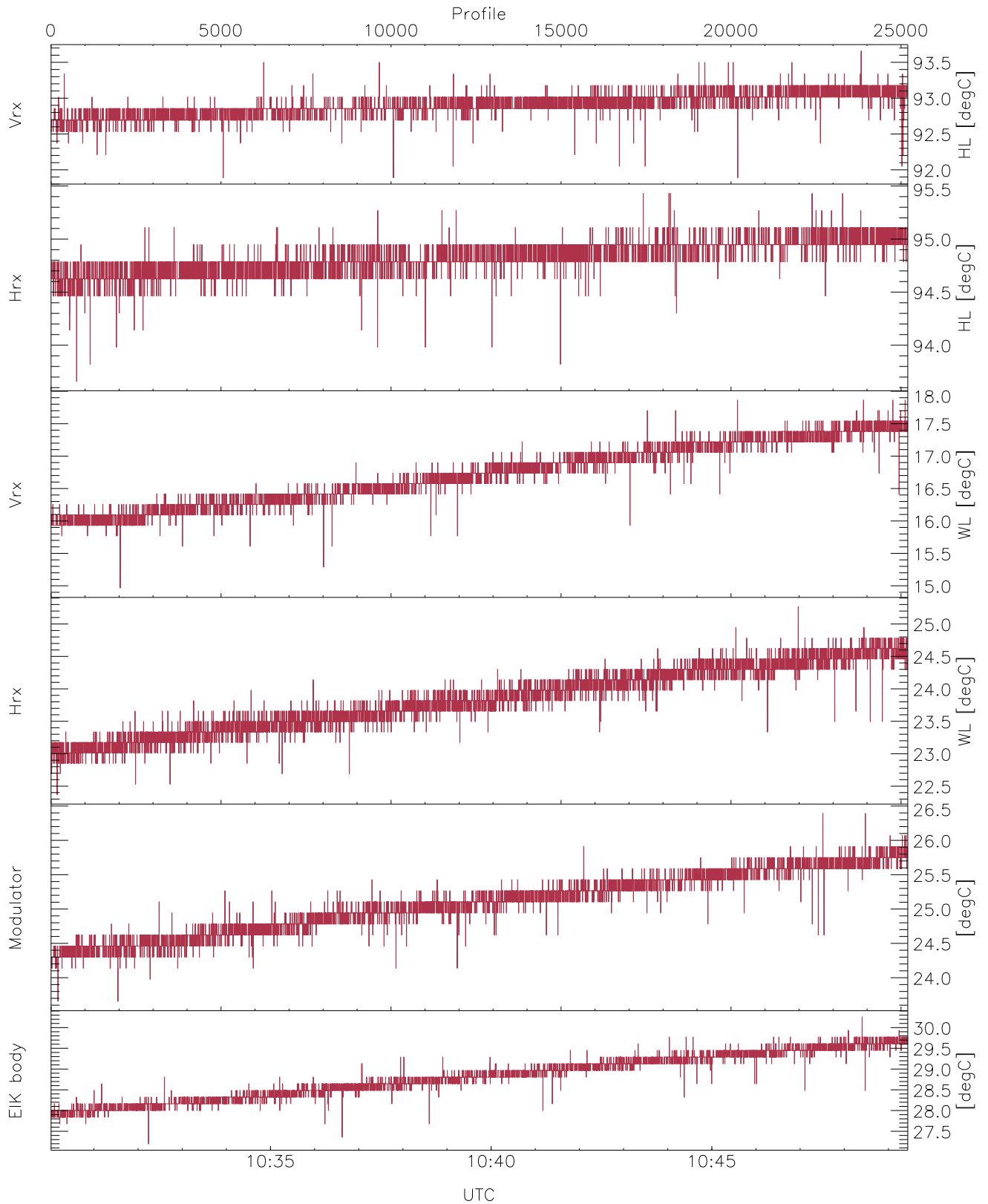


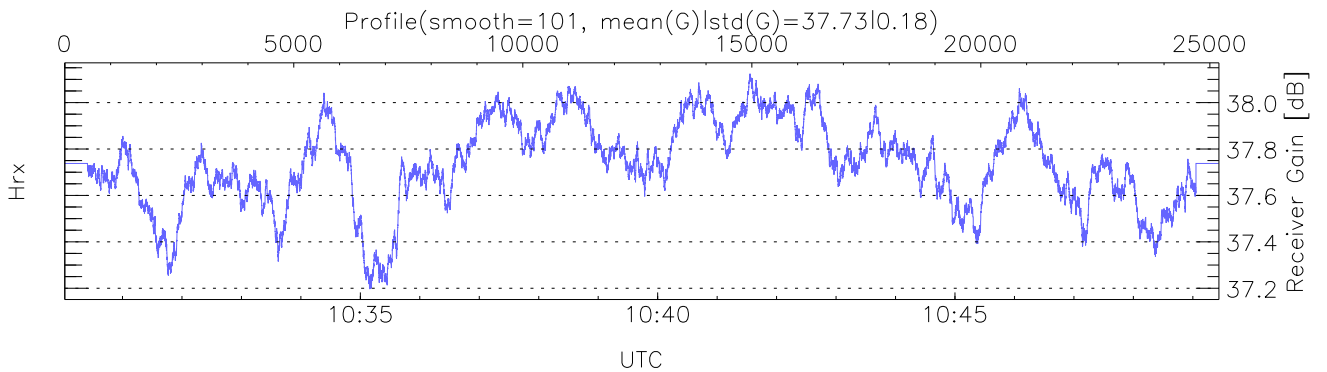
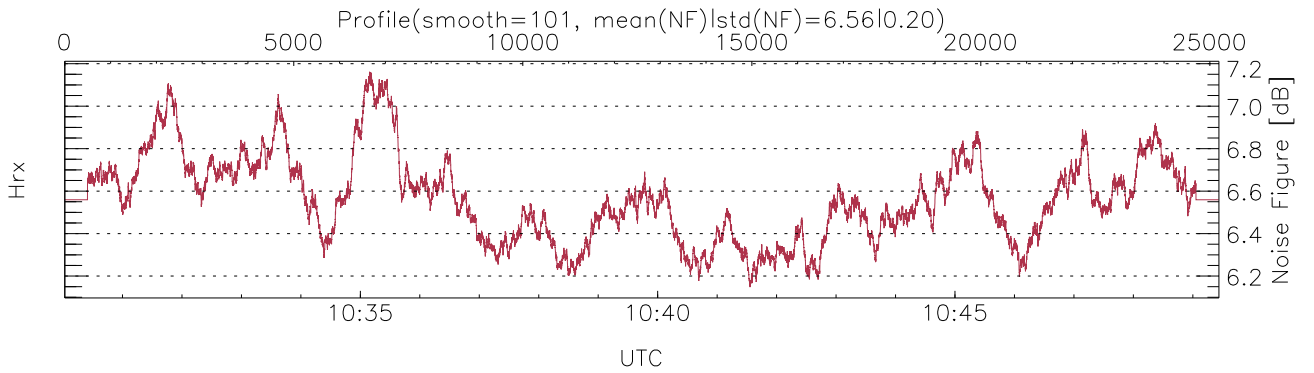
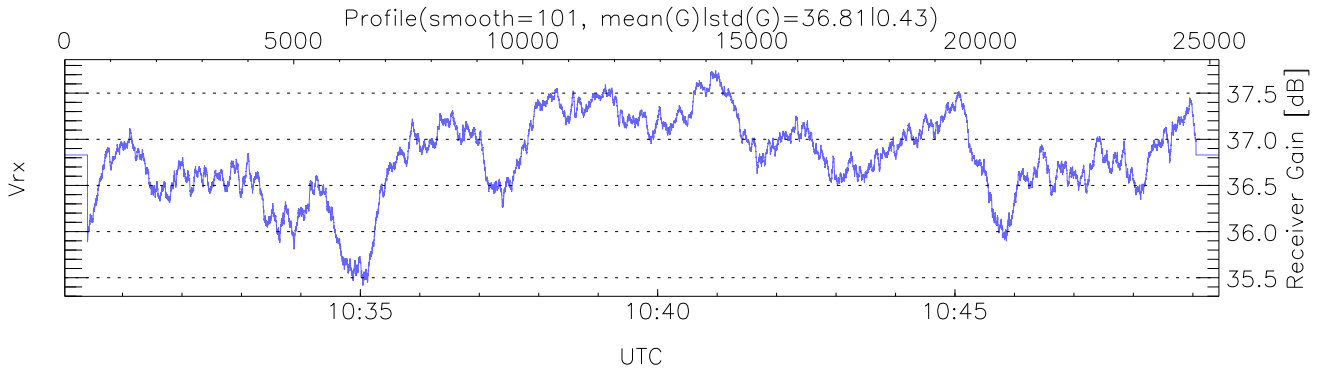
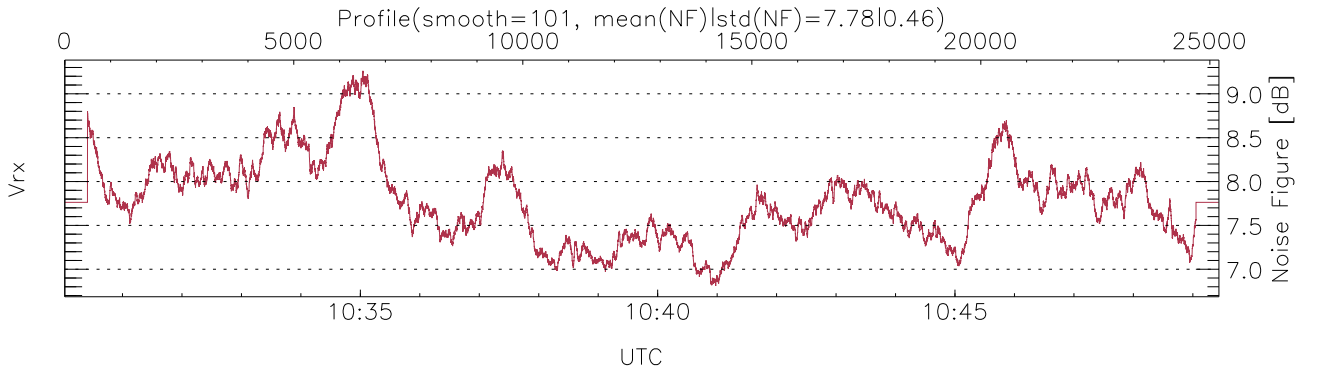
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 10:30:02-10:57:31, Dur: 1649.63s  
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant  
 TimeInt/PPS(min,max,mn,std): 46.2,46.2,46.2,0.0 ms / 22,22,22  
 NumRec(r/t): 25200/35695, 0-25199/10:30:02-10:49:26  
 AcqTime: 46.2ms, Rate: 389KB/s, Averages: 140  
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2  
 PRF: 18.2 18.2 18.2 18.2 18.2 KHz, IGS: 55us  
 Range(min,max,rqs): 105,7088,15.0 m, Gates: 466, Aspect: 3.6  
 Mirror(-9|0|1|2,3,9x)=no mirror|sidelup|error): 1



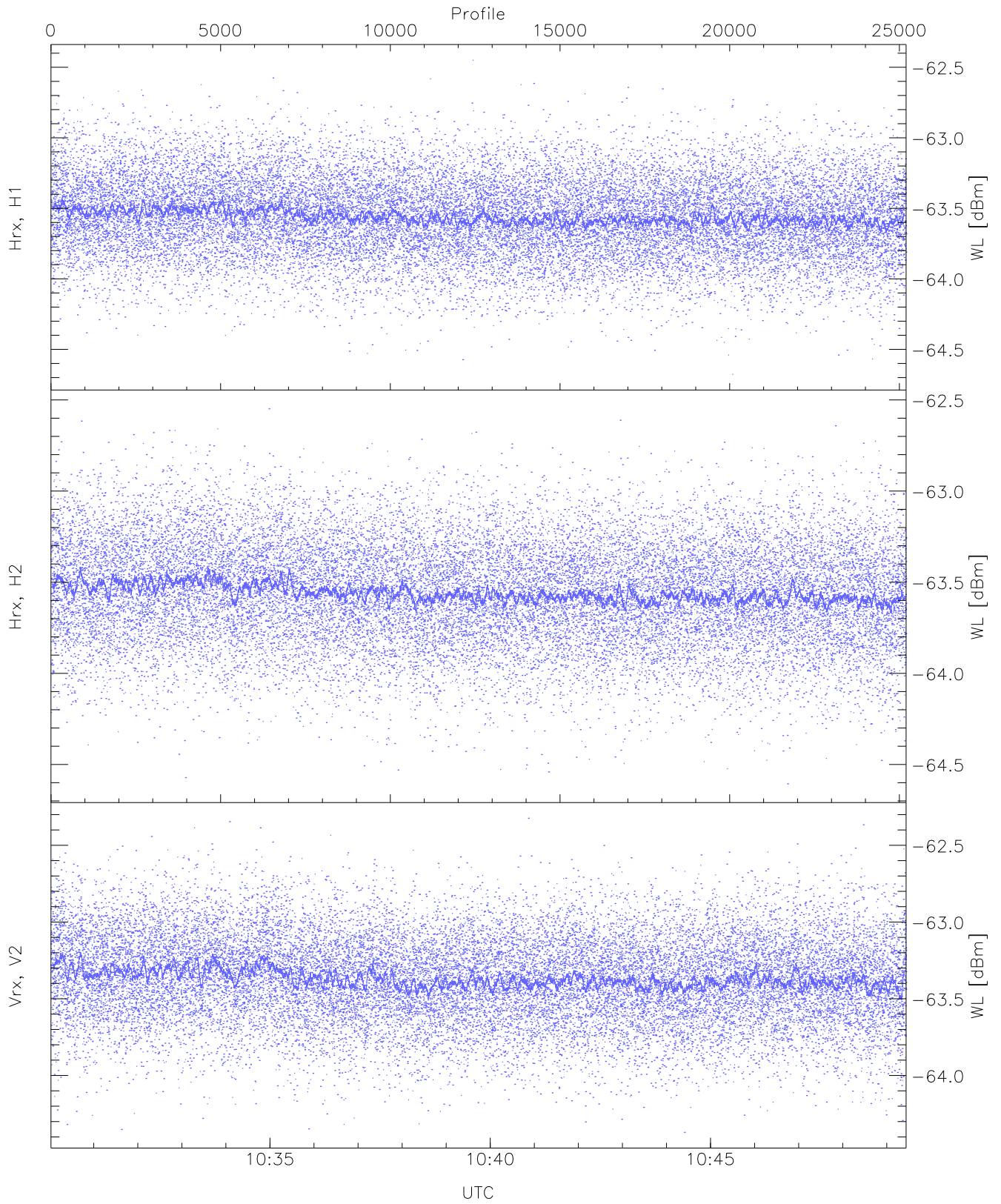
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,14,22,23,27  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,17,25,26,30  
LOalarm(20,80,240,2.8,14.8 MHz): None  
EIK/Modulator Faults: None



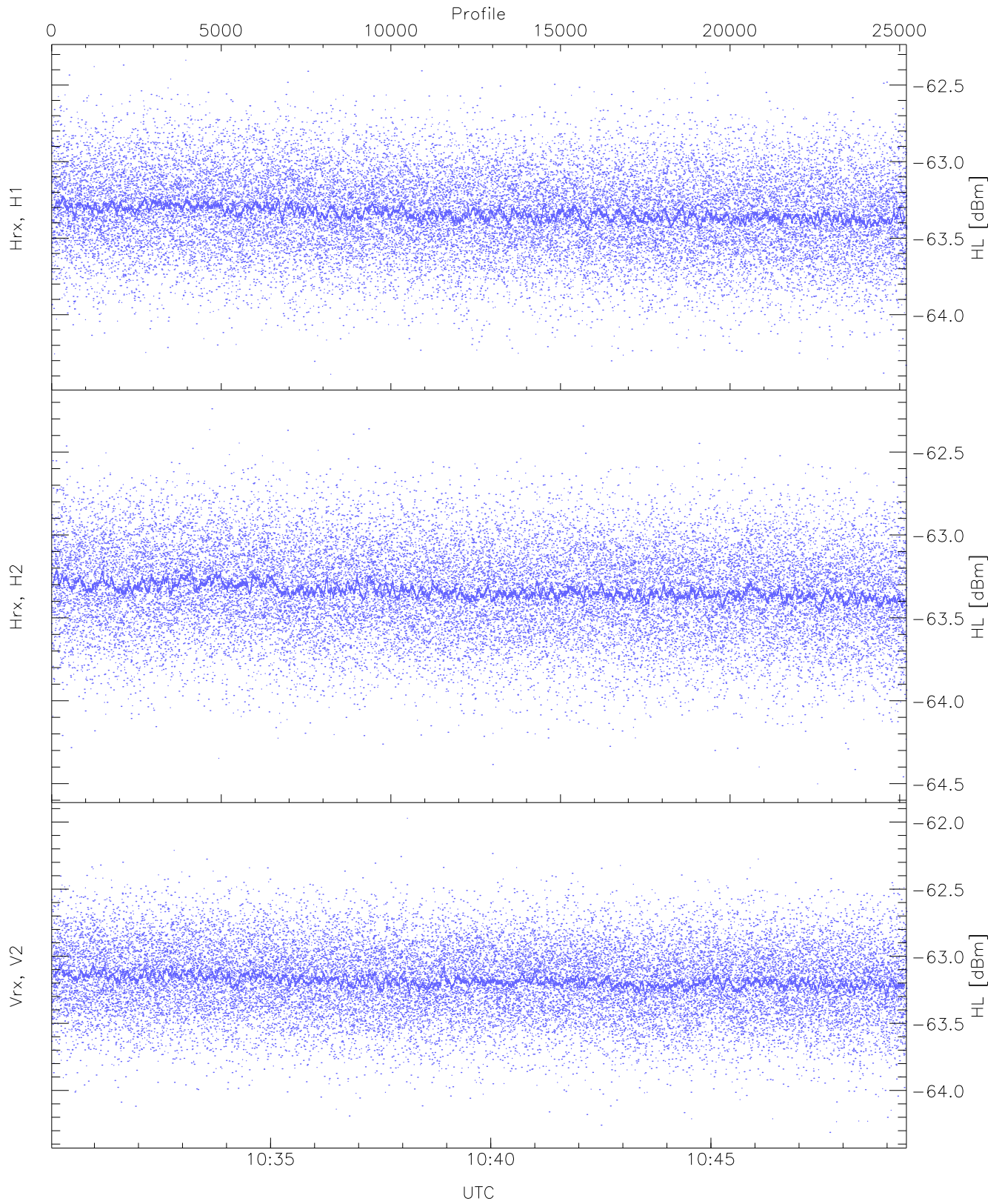
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 26001 pixs, 27 gates, 16615 profs, 1 prods



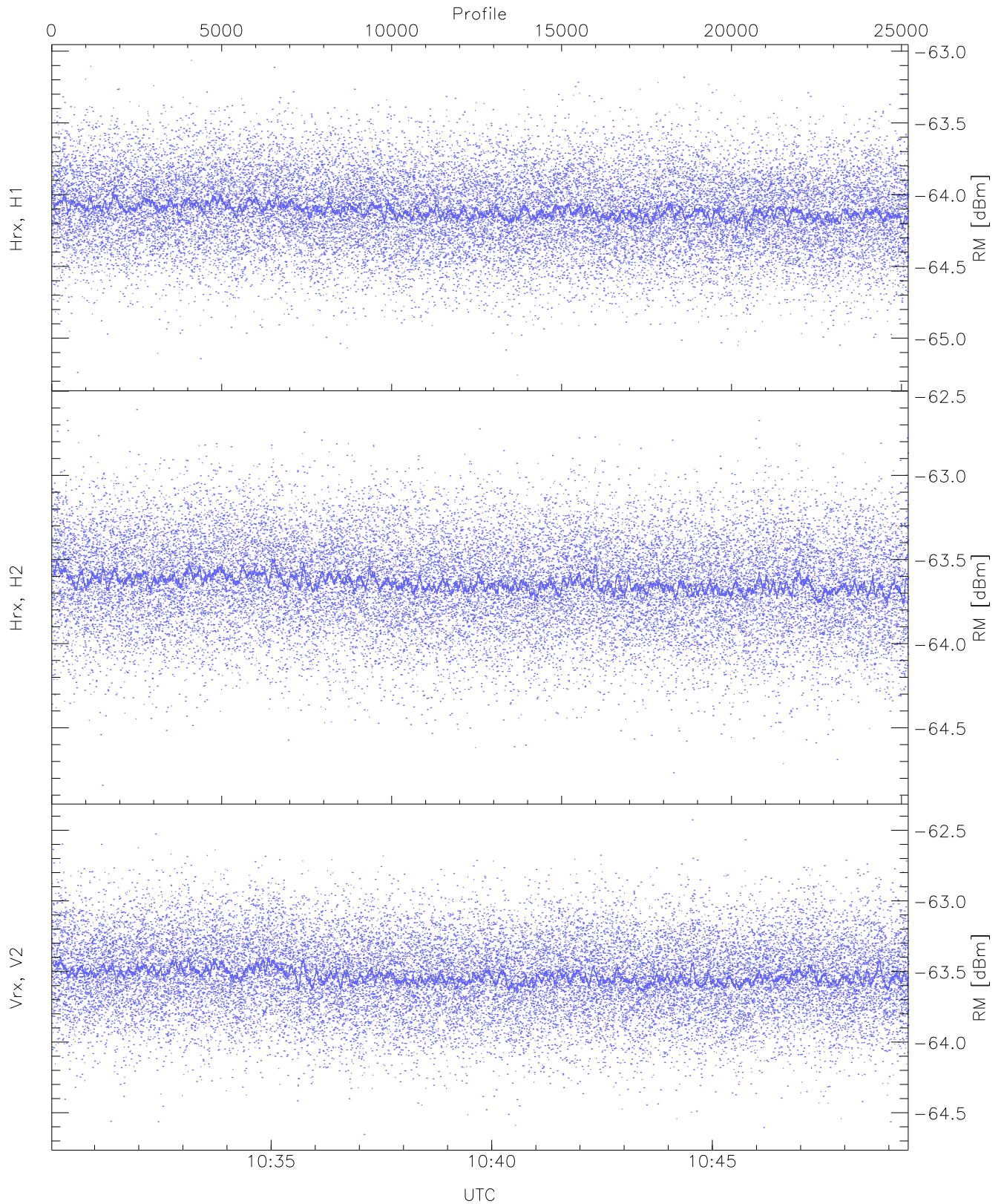
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-64.68	-62.45	-63.56	-63.56	-75.65
Hrx, H2 (WL [dBm])	-64.61	-62.55	-63.55	-63.56	-75.66
Vrx, V2 (WL [dBm])	-64.37	-62.32	-63.36	-63.37	-75.41



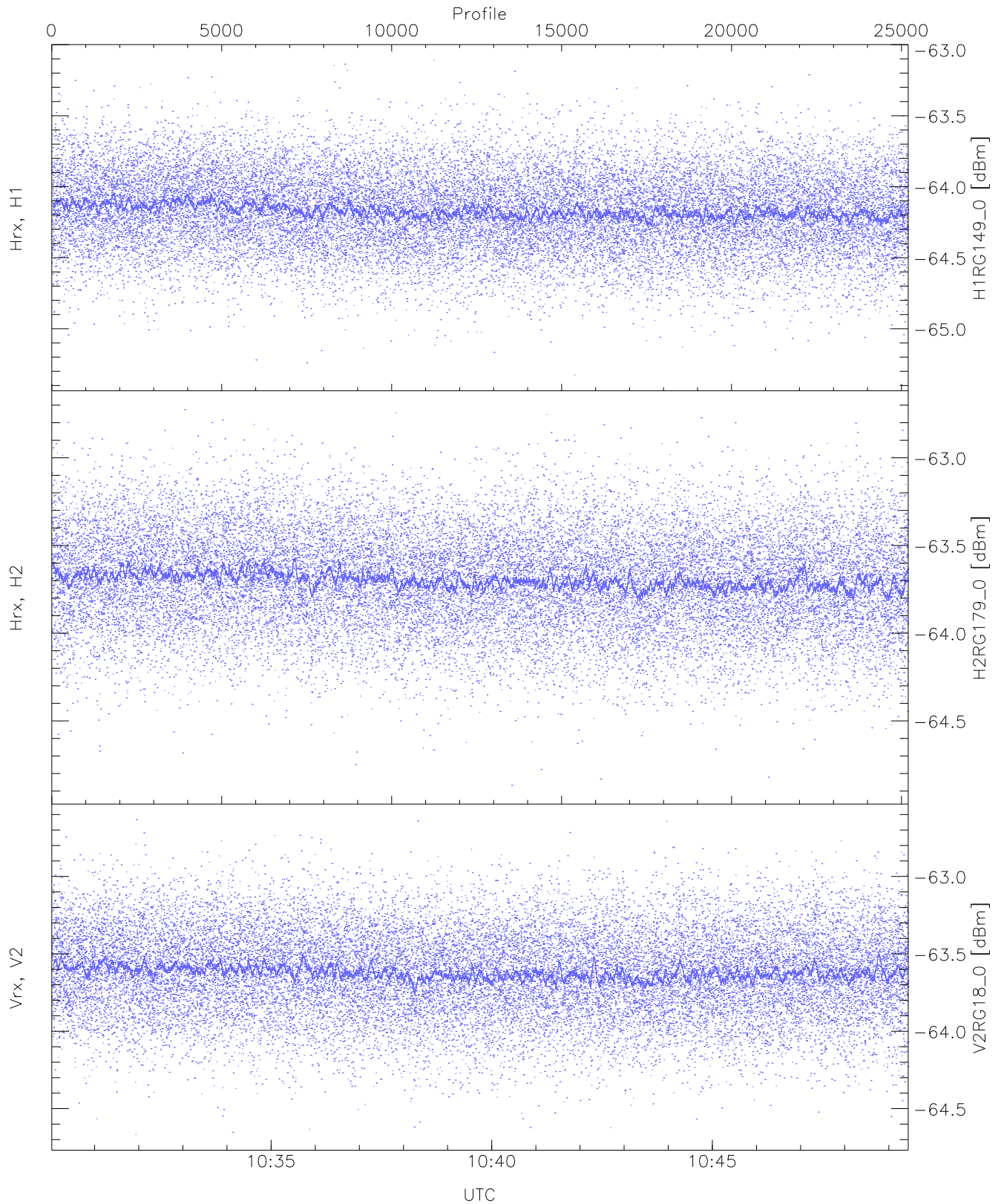
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-64.39	-62.34	-63.33	-63.34	-75.45
Hrx, H2 (HL [dBm])	-64.50	-62.24	-63.33	-63.34	-75.43
Vrx, V2 (HL [dBm])	-64.31	-61.97	-63.18	-63.18	-75.29



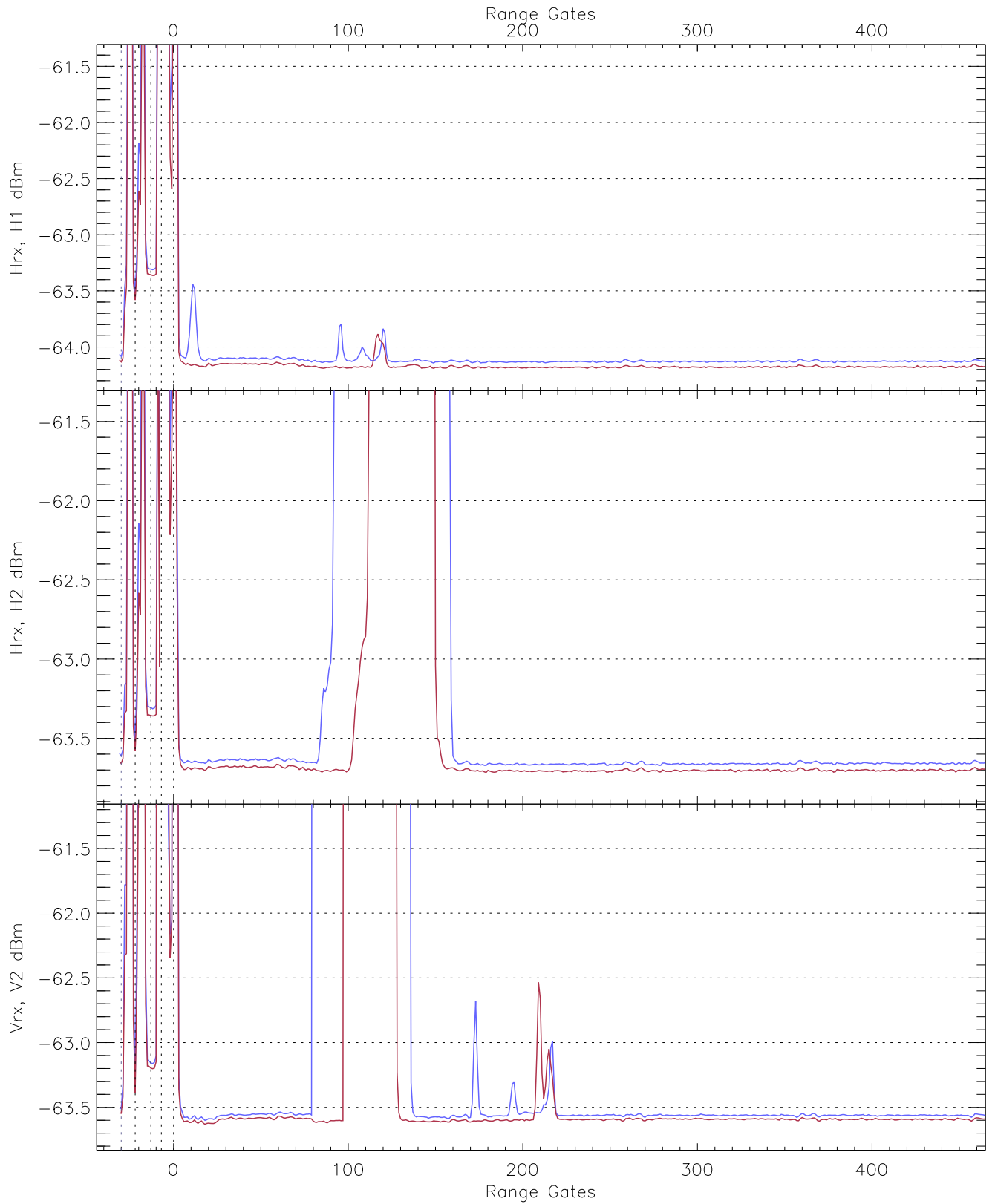
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-65.26	-63.06	-64.11	-64.12	-76.22
Hrx, H2 (RM [dBm])	-64.84	-62.61	-63.63	-63.64	-75.74
Vrx, V2 (RM [dBm])	-64.65	-62.43	-63.53	-63.53	-75.59



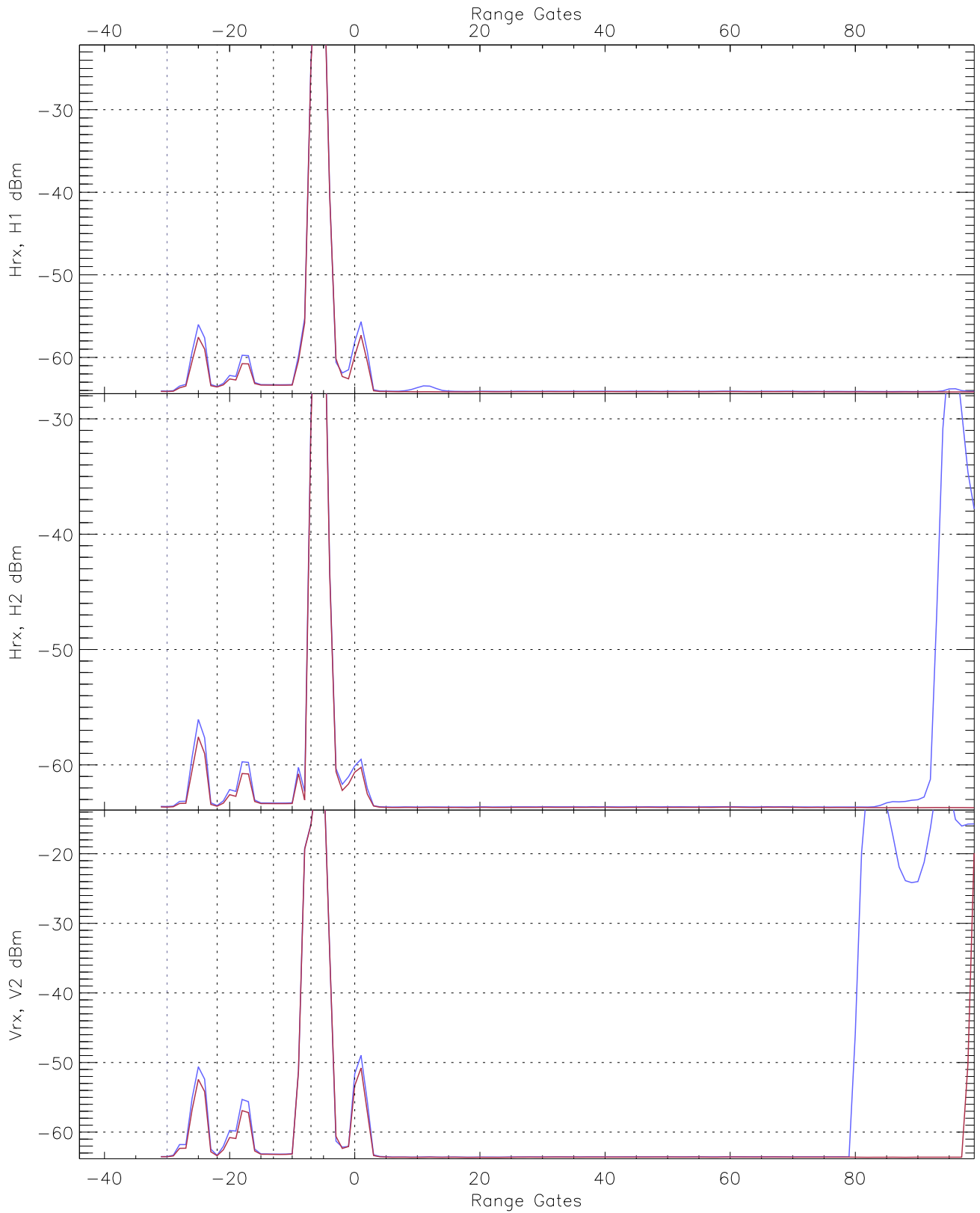
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG149_0 [dBm]	-65.33	-63.11	-64.17	-64.17	-76.28
H2RG179_0 [dBm]	-64.87	-62.72	-63.69	-63.70	-75.81
V2RG18_0 [dBm]	-64.67	-62.63	-63.62	-63.62	-75.74

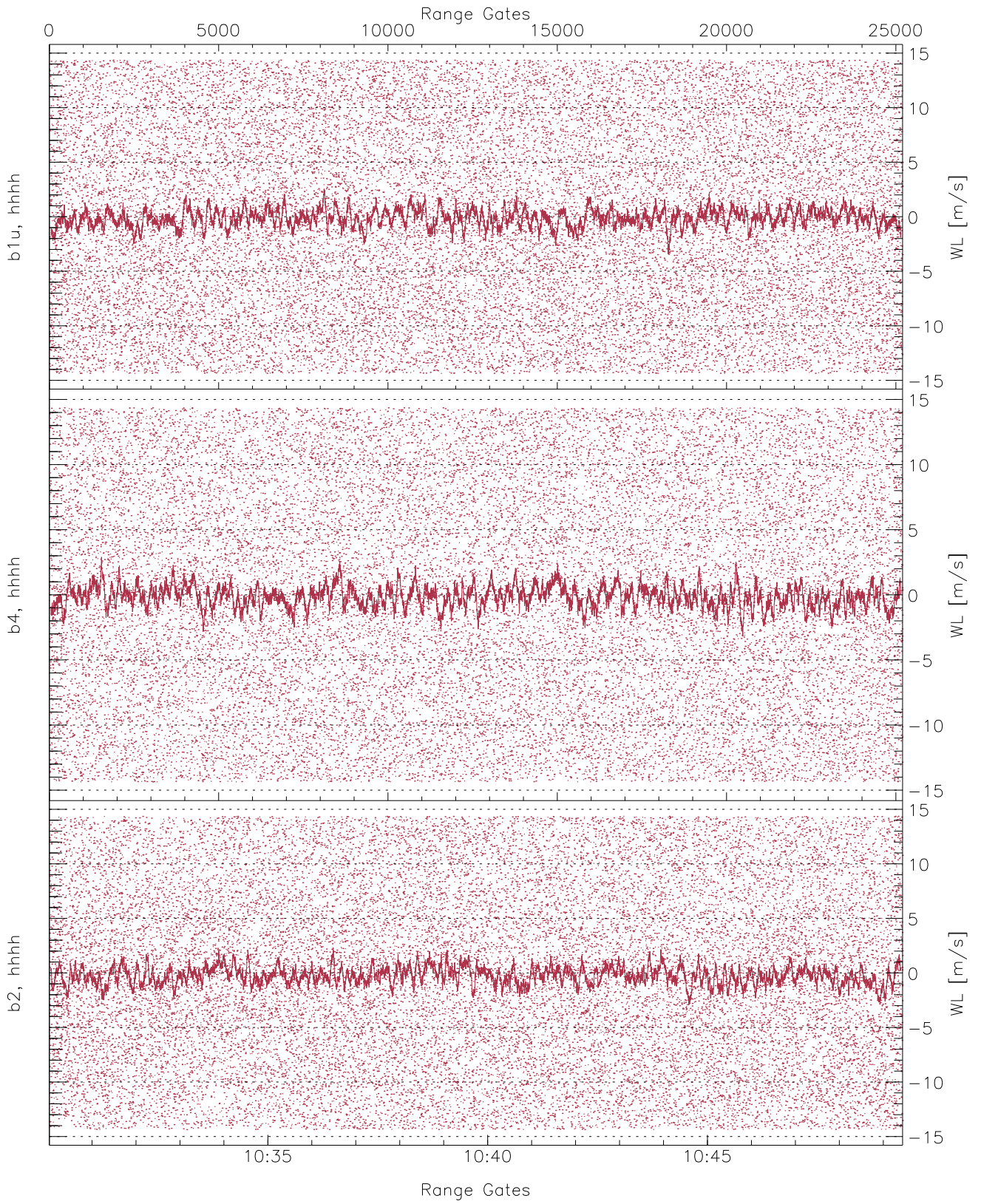


WCR2 CPP Averaged Received power for all recorded gates  
blue: 103002-103944, 12601 profiles averaged  
red: 103944-104926, 12600 profiles averaged

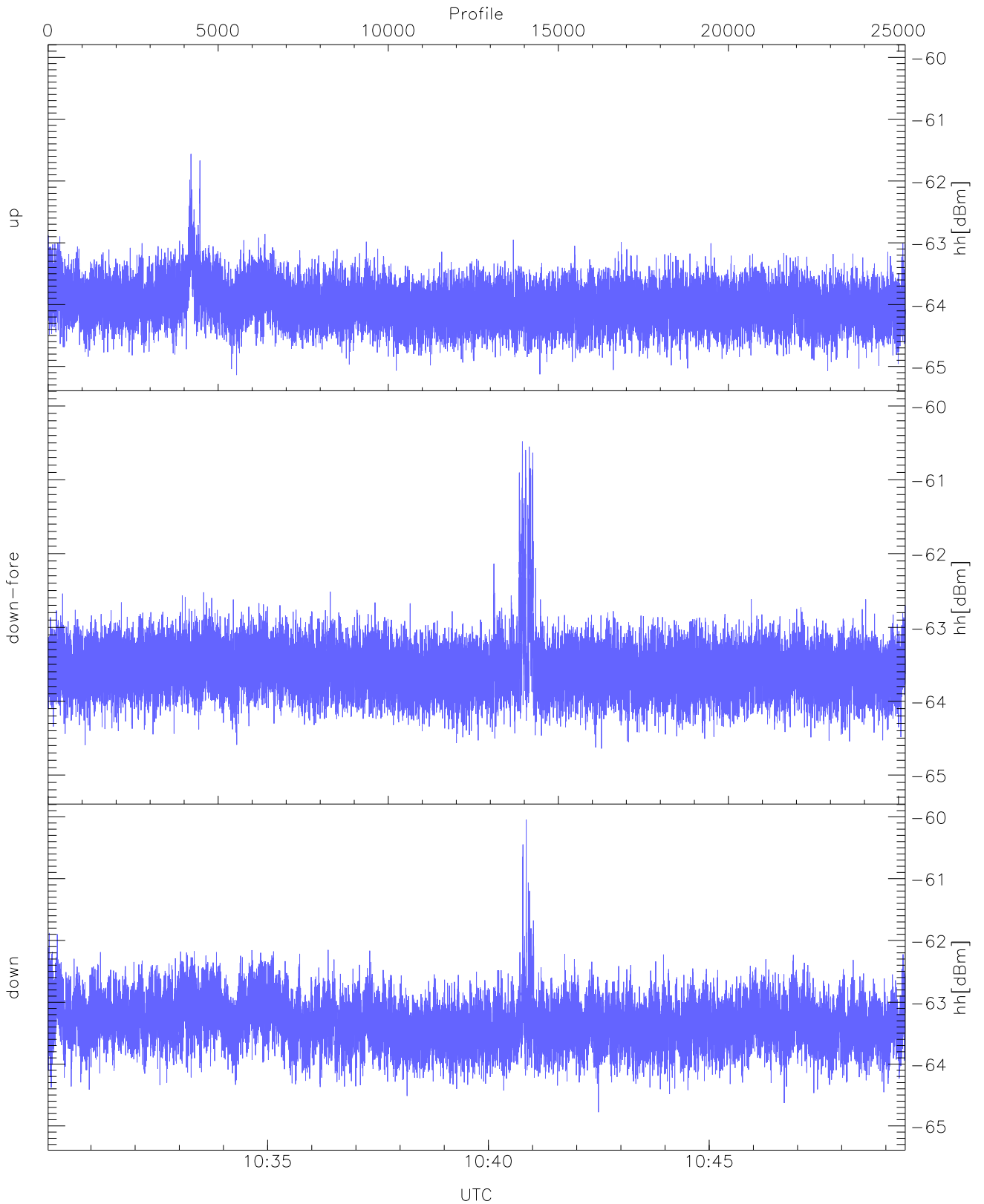




WCR2 CPP Averaged Received power for up 100 gates  
blue: 103002-103944, 12601 profiles averaged  
red: 103944-104926, 12600 profiles averaged

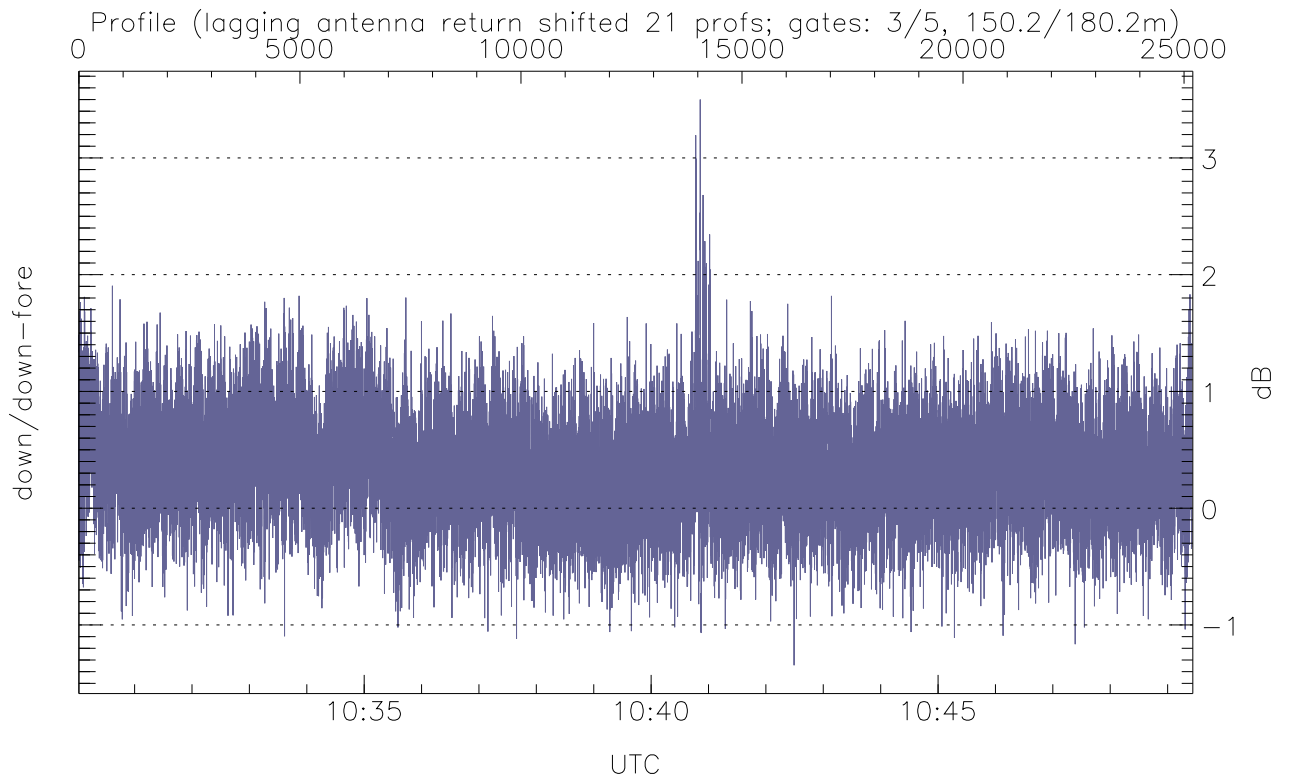
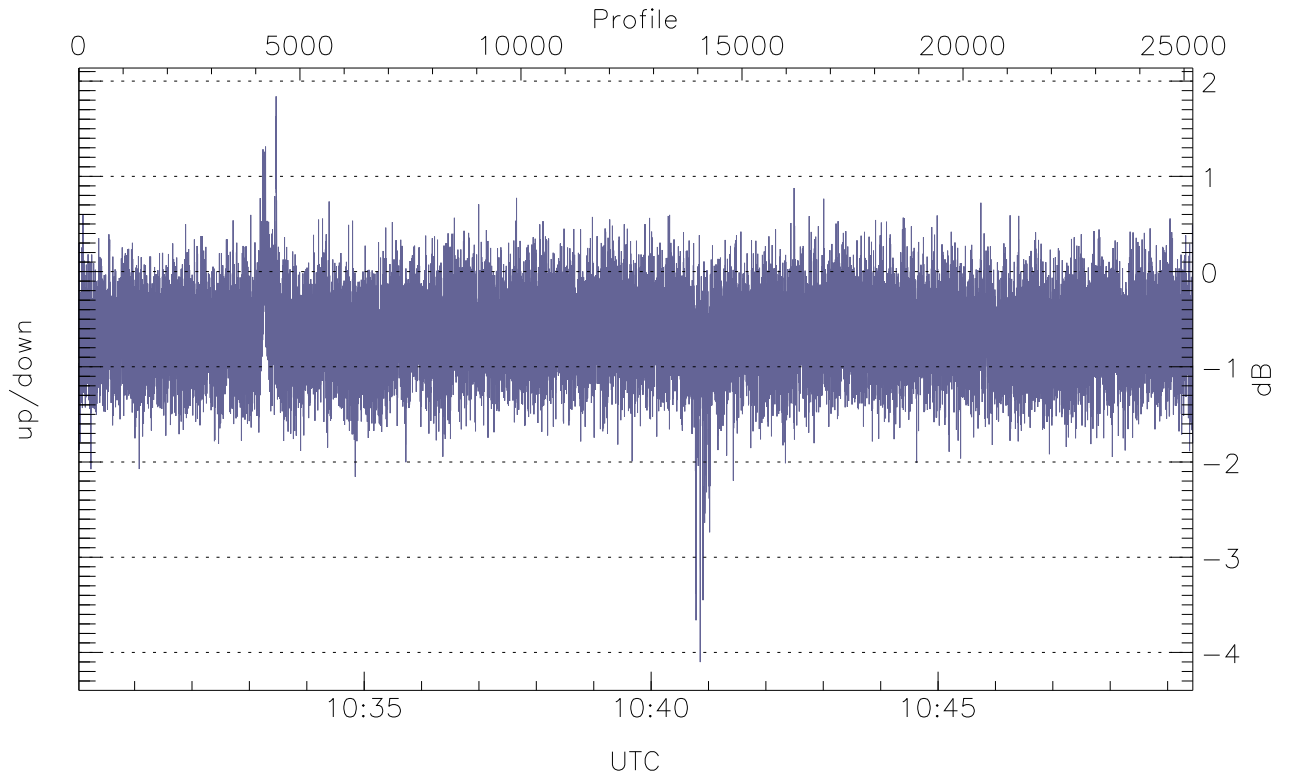


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



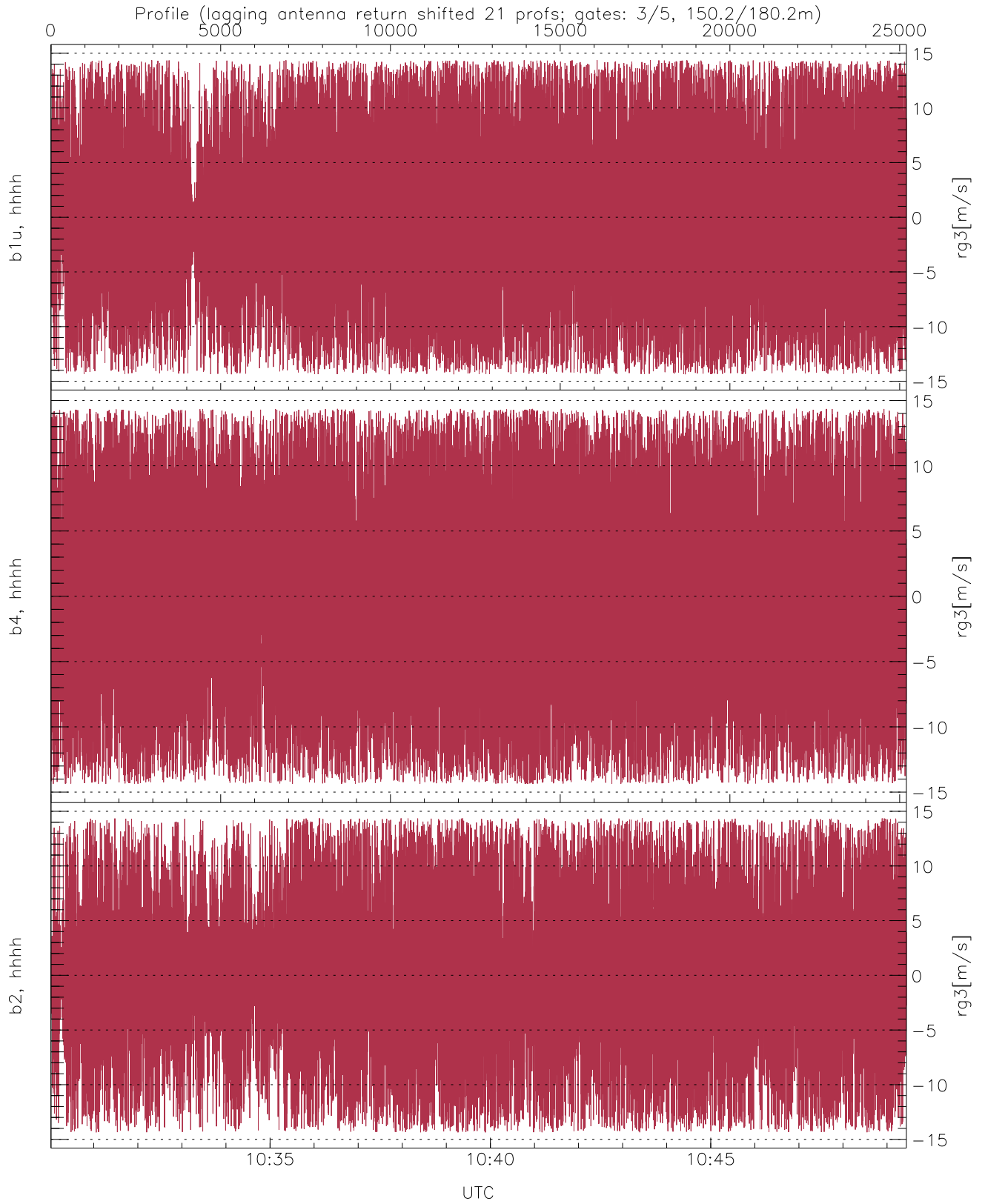
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-65.14	-61.56	-63.98
down-fore(hh[dBm])	-64.64	-60.48	-63.55
down(hh[dBm])	-64.78	-60.05	-63.31



WCR2 Beam pairs Received Power Ratio(s)

	Min	Max	Mean
up/down (dB)	-4.10	1.84	-0.66
down/down-fore (dB)	-1.35	3.50	0.35



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-14.36	14.36	-0.07	7.07
b4, hhhh(rg3[m/s])	-14.36	14.36	-0.15	7.48
b2, hhhh(rg3[m/s])	-14.36	14.36	-0.23	6.46