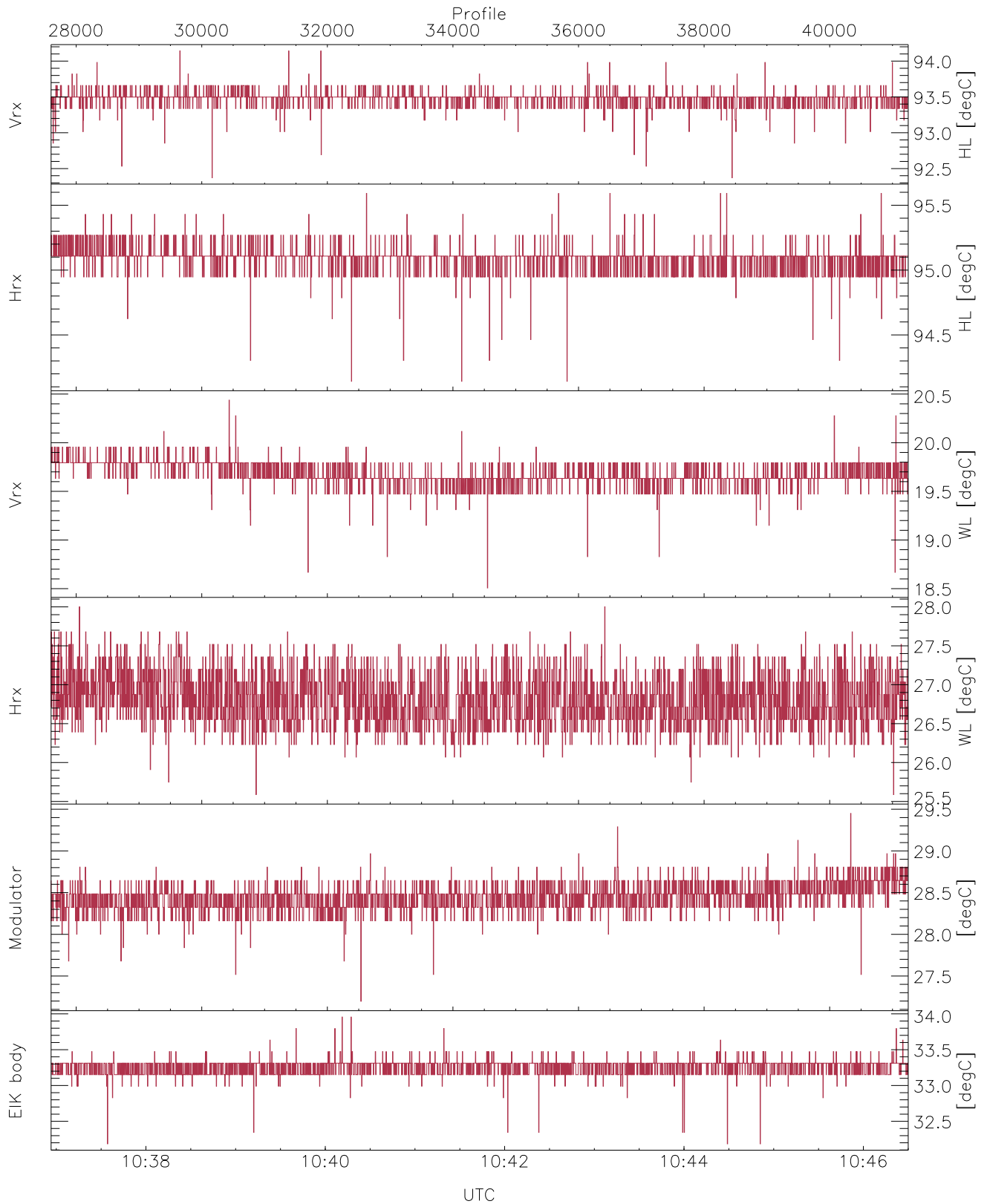


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

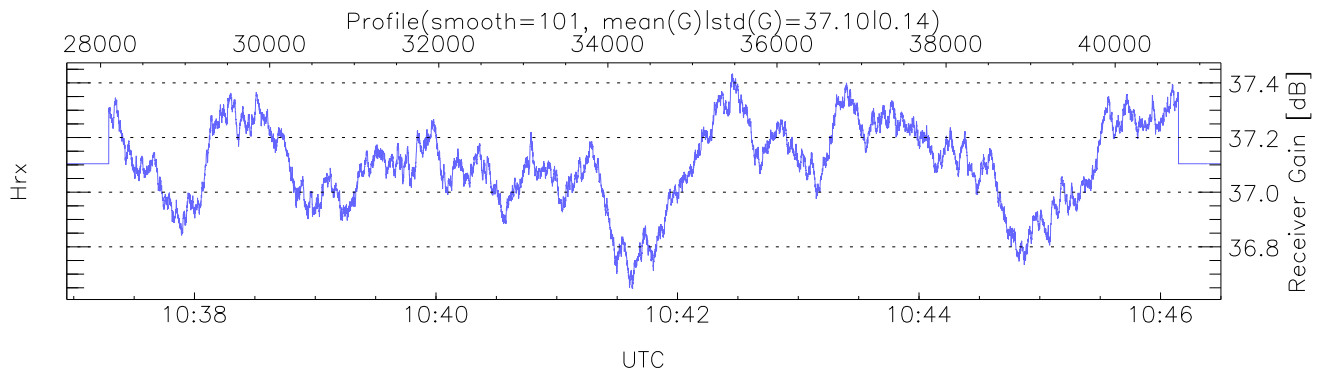
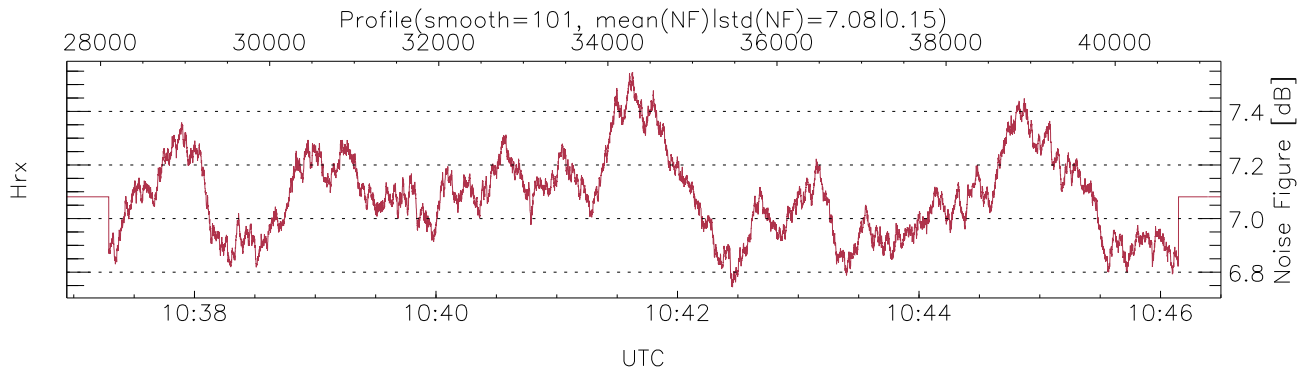
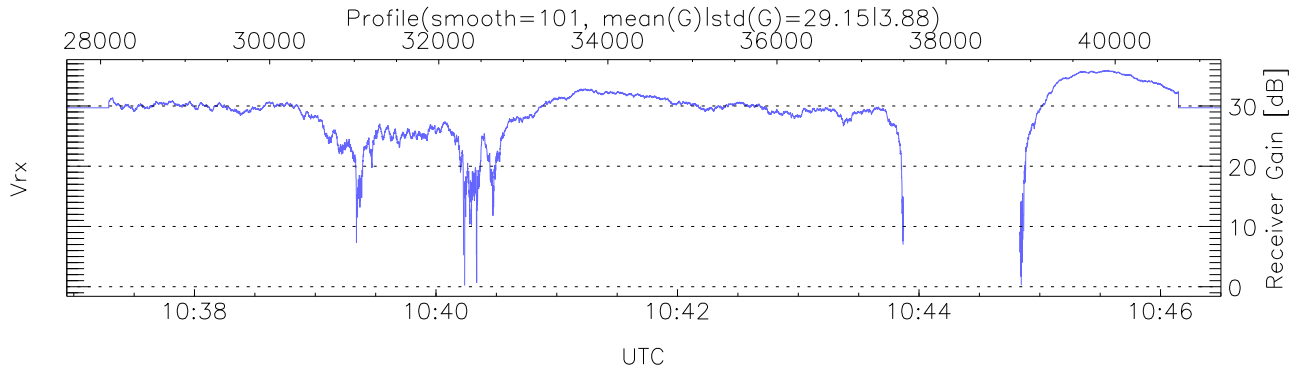
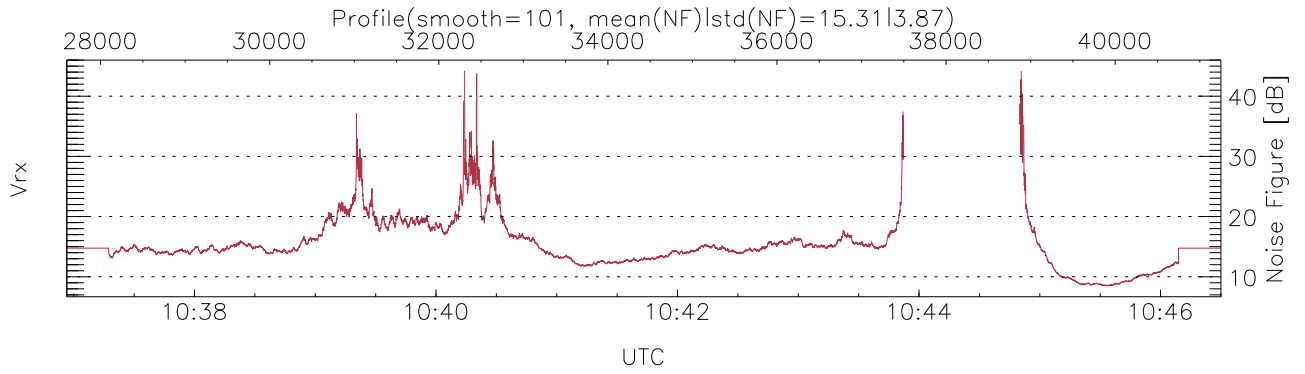
UTC: 10:17:37-10:46:30, Dur: 1732.98s  
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant  
 TimeInt/PPS(min,max,mn,std): 42.0,42.0,42.0,0.0 ms / 24,24,24  
 NumRec(r/t): 13652/41252, 27600-41251/10:36:57-10:46:30  
 AcqTime: 42.0ms, Rate: 377KB/s, Averages: 140  
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 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

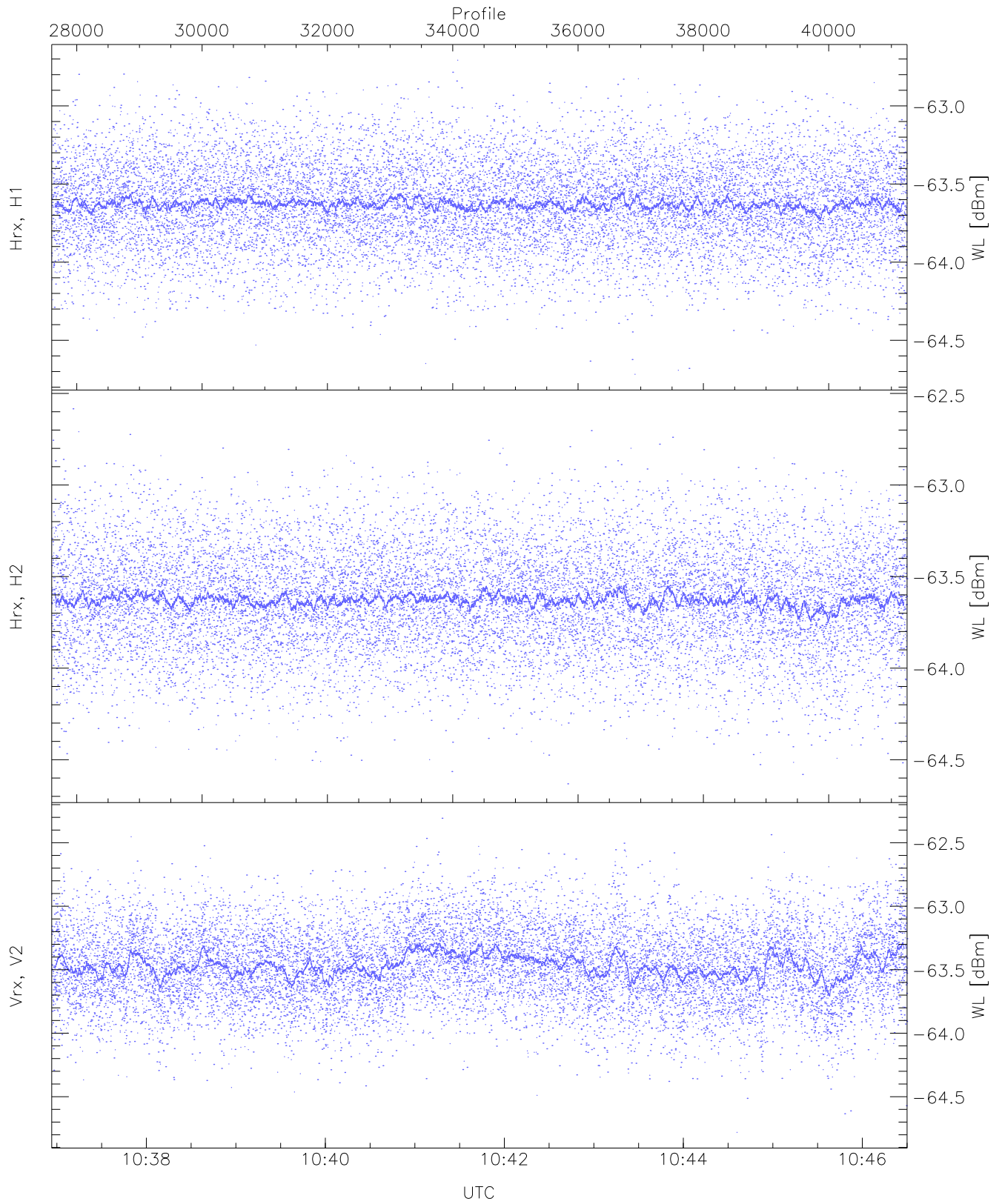
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,18,25,27,32  
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,95,20,28,29,33  
 LOalarm(20,80,240,2.8,14.8 MHz): None  
 EIK/Modulator Faults: None

WARNING: <VrxHLn>-<VrxWLn> < 0.05dB for 1 pwr prods.



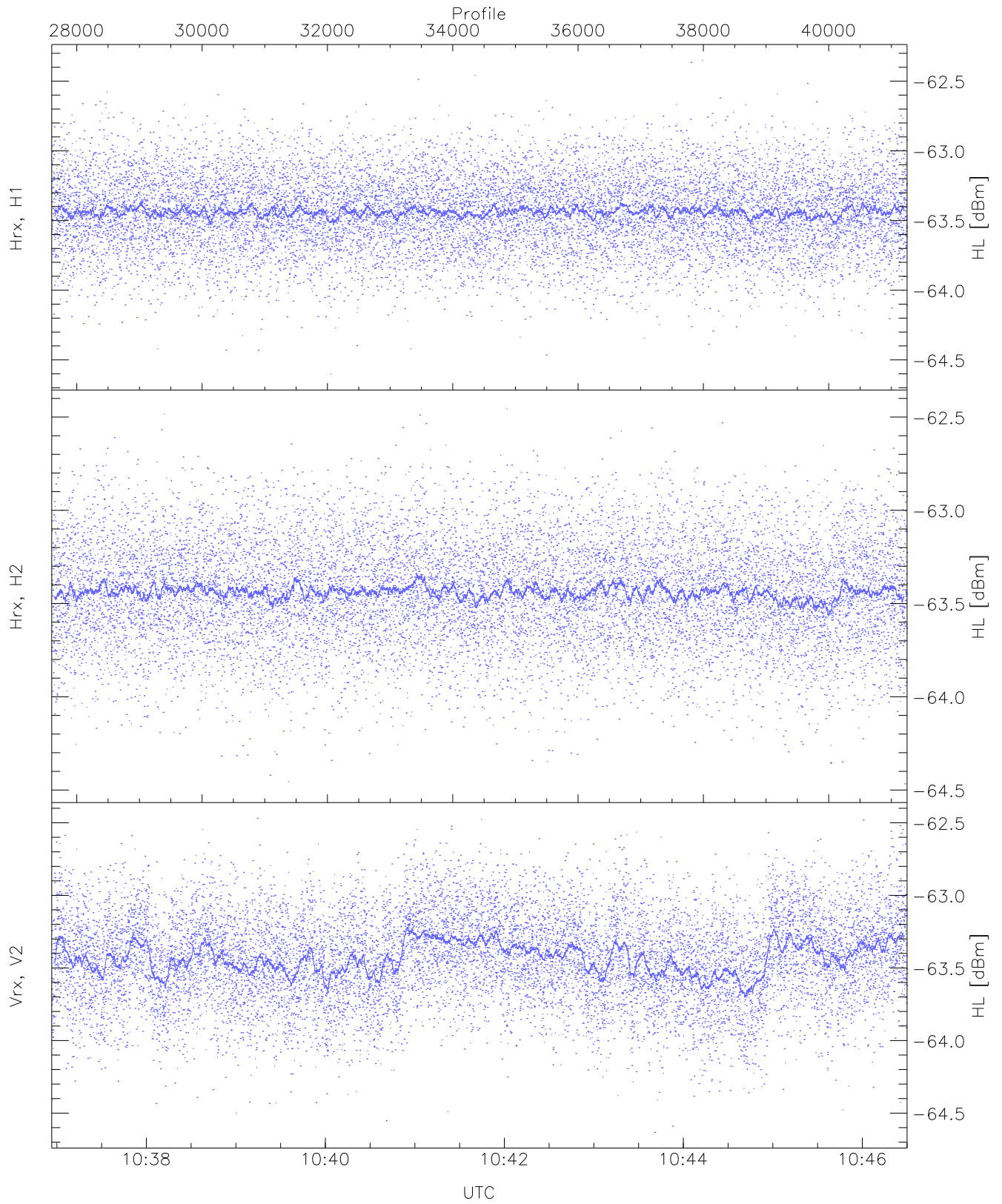
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 18072 pixs, 20 gates, 11570 profs, 1 prods



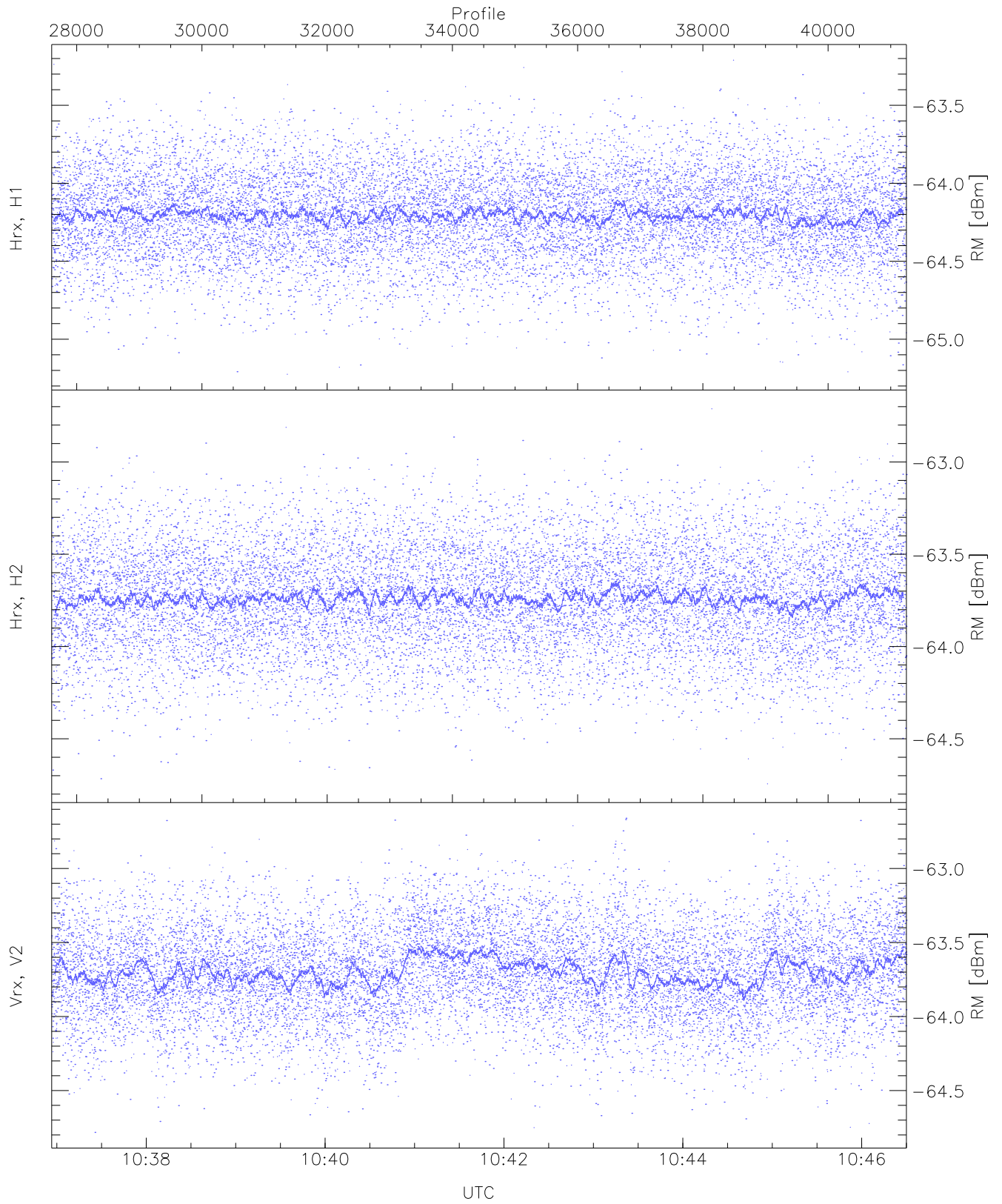
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-64.72	-62.71	-63.62	-63.63	-75.80
Hrx, H2 (WL [dBm])	-64.63	-62.58	-63.62	-63.63	-75.74
Vrx, V2 (WL [dBm])	-64.78	-62.31	-63.46	-63.47	-75.24



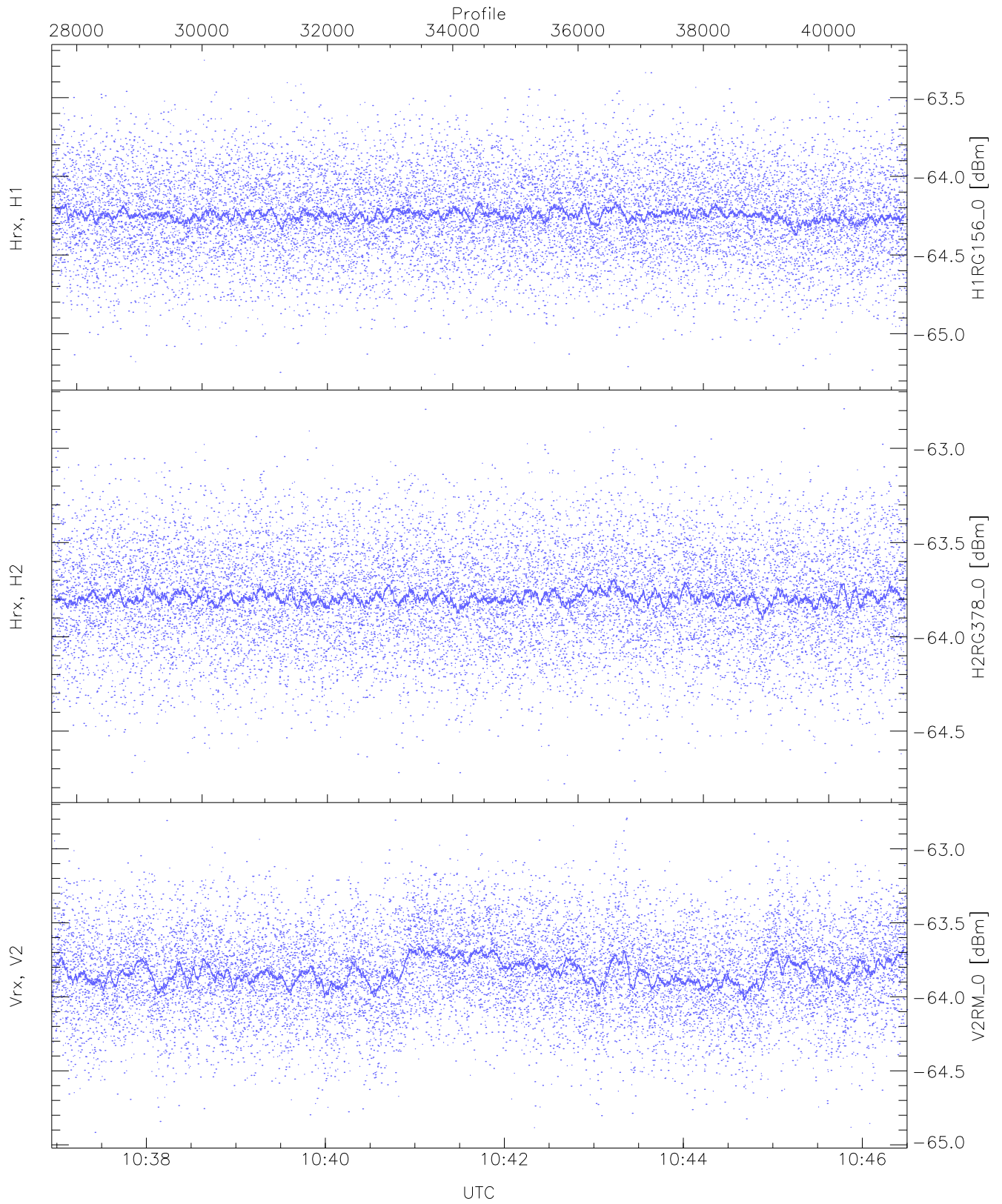
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-64.60	-62.35	-63.43	-63.44	-75.62
Hrx, H2 (HL [dBm])	-64.47	-62.46	-63.43	-63.44	-75.58
Vrx, V2 (HL [dBm])	-64.63	-62.47	-63.42	-63.43	-75.12



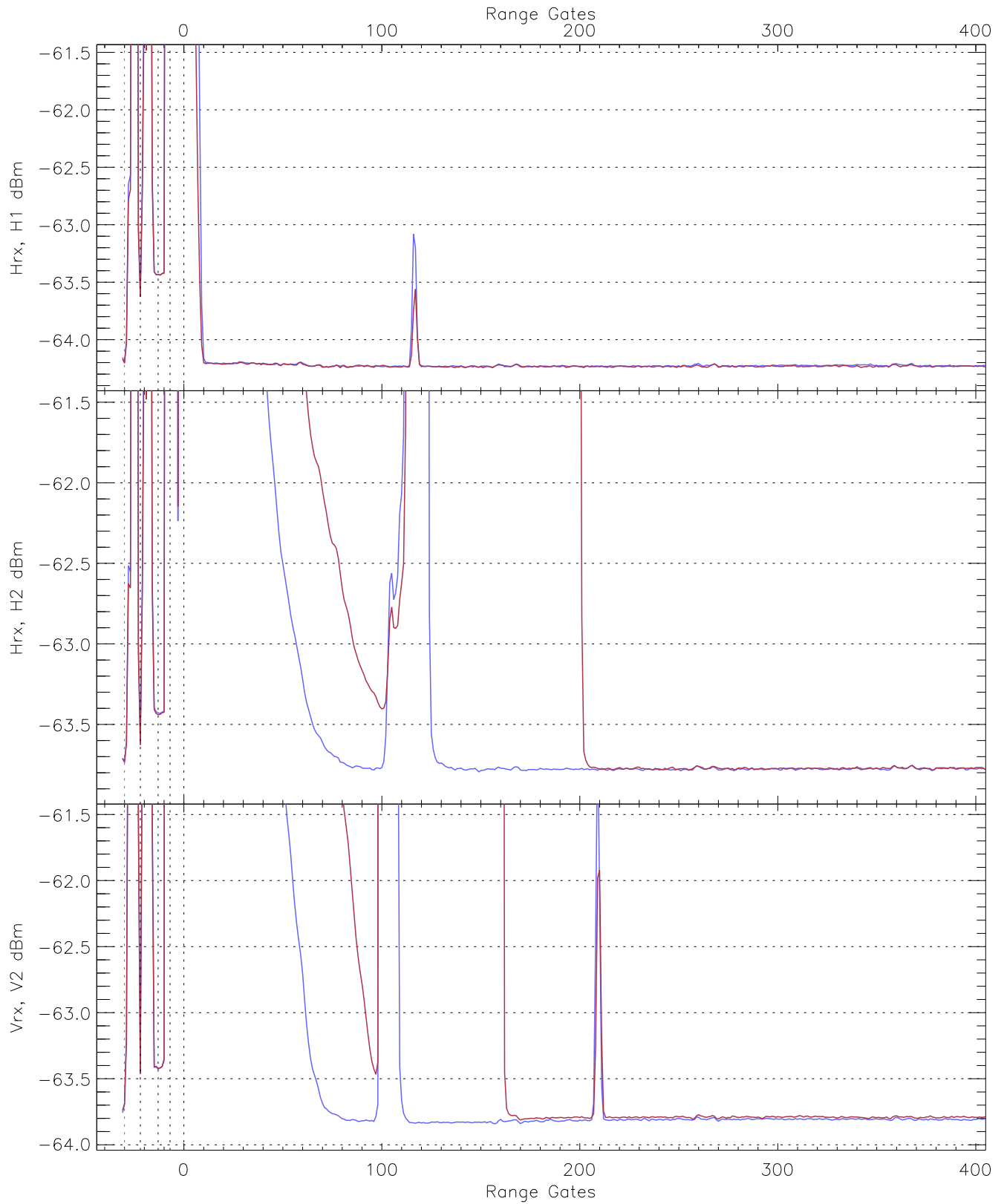
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-65.23	-63.21	-64.20	-64.20	-76.33
Hrx, H2 (RM [dBm])	-64.74	-62.71	-63.73	-63.74	-75.91
Vrx, V2 (RM [dBm])	-64.78	-62.66	-63.69	-63.70	-75.51



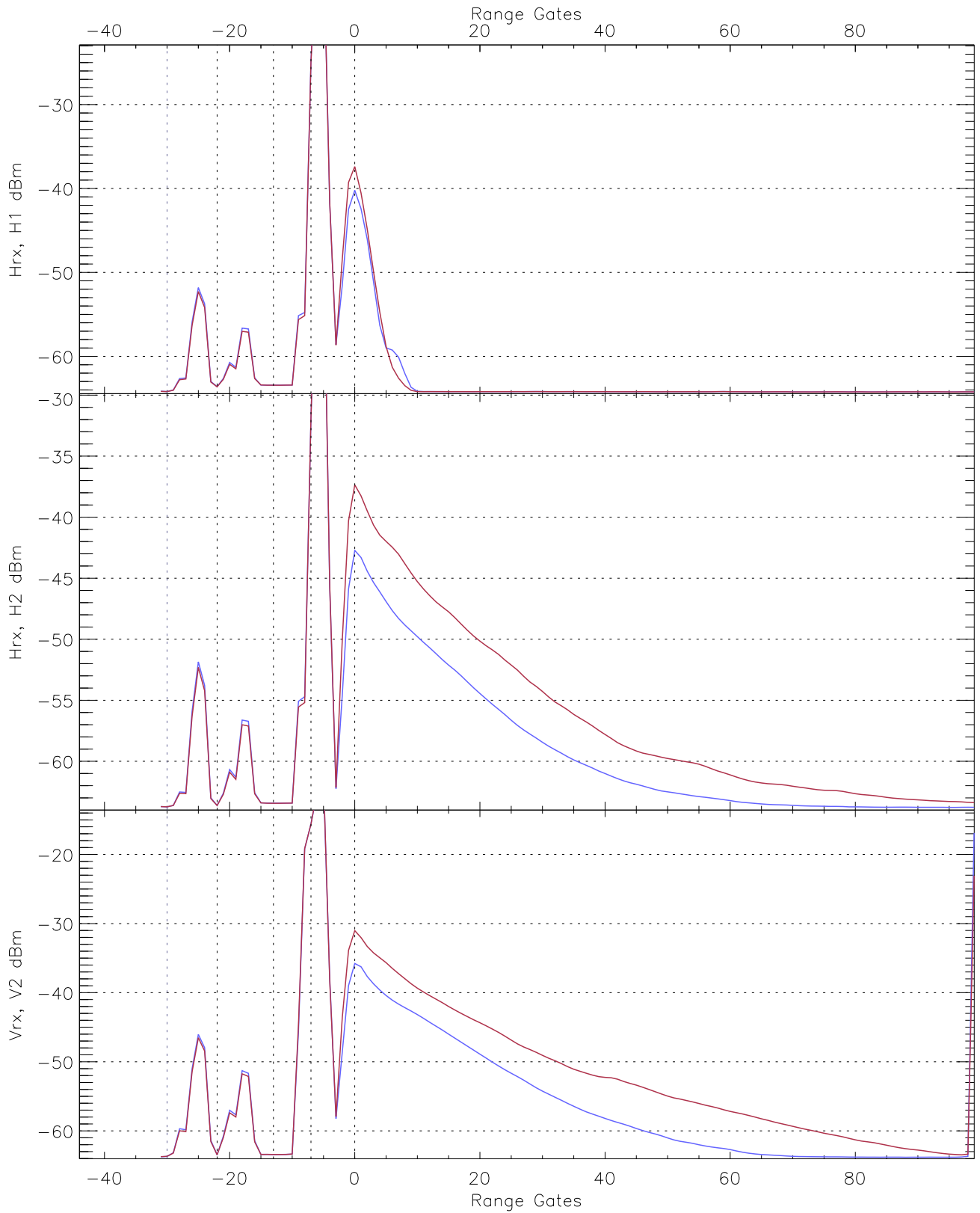
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG156_0 [dBm]	-65.26	-63.26	-64.24	-64.25	-76.37
H2RG378_0 [dBm]	-64.78	-62.79	-63.78	-63.79	-75.91
V2RM_0 [dBm]	-64.92	-62.79	-63.83	-63.83	-75.64

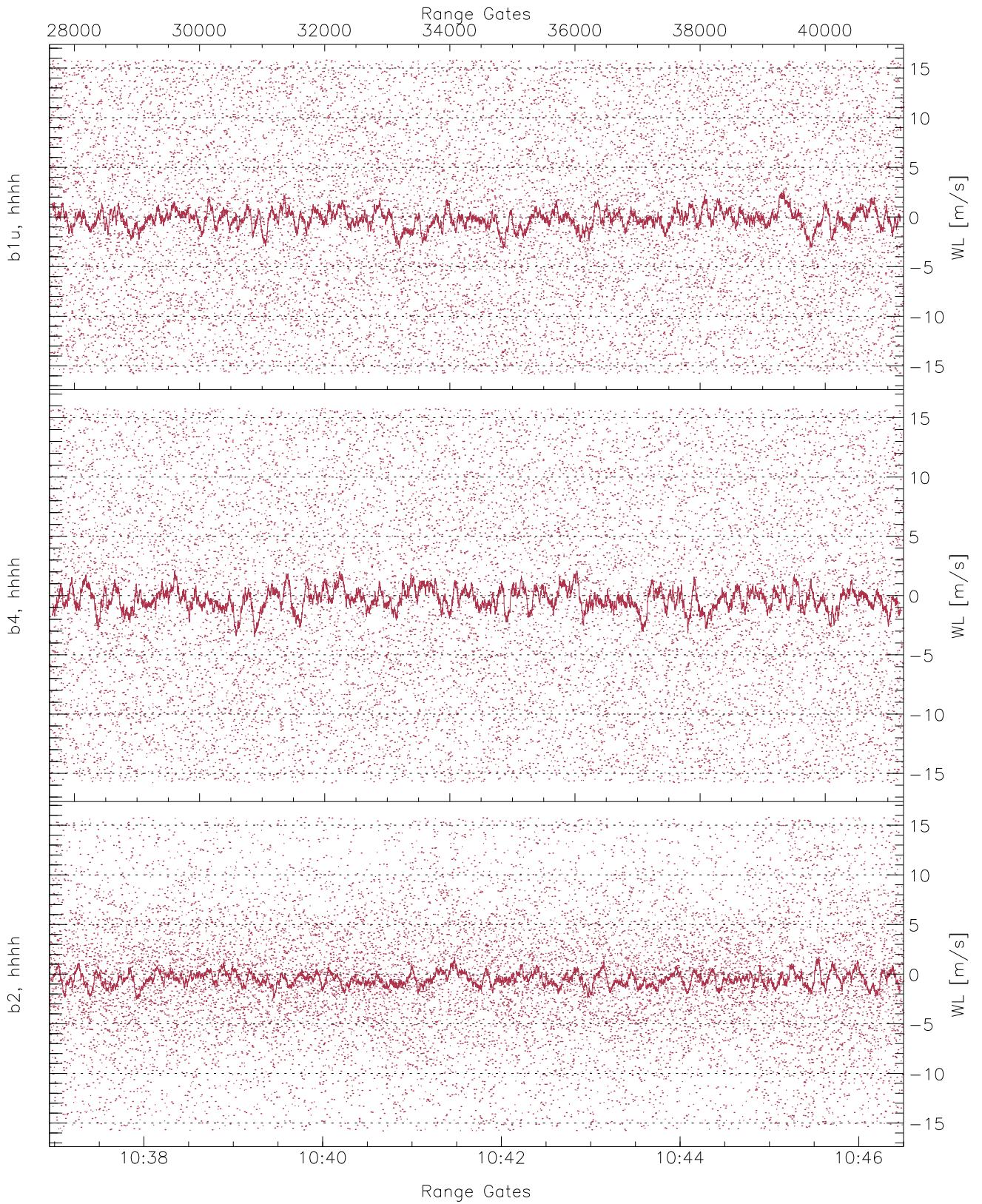


WCR2 CPP Averaged Received power for all recorded gates  
blue: 103657-104143, 6827 profiles averaged  
red: 104143-104630, 6826 profiles averaged

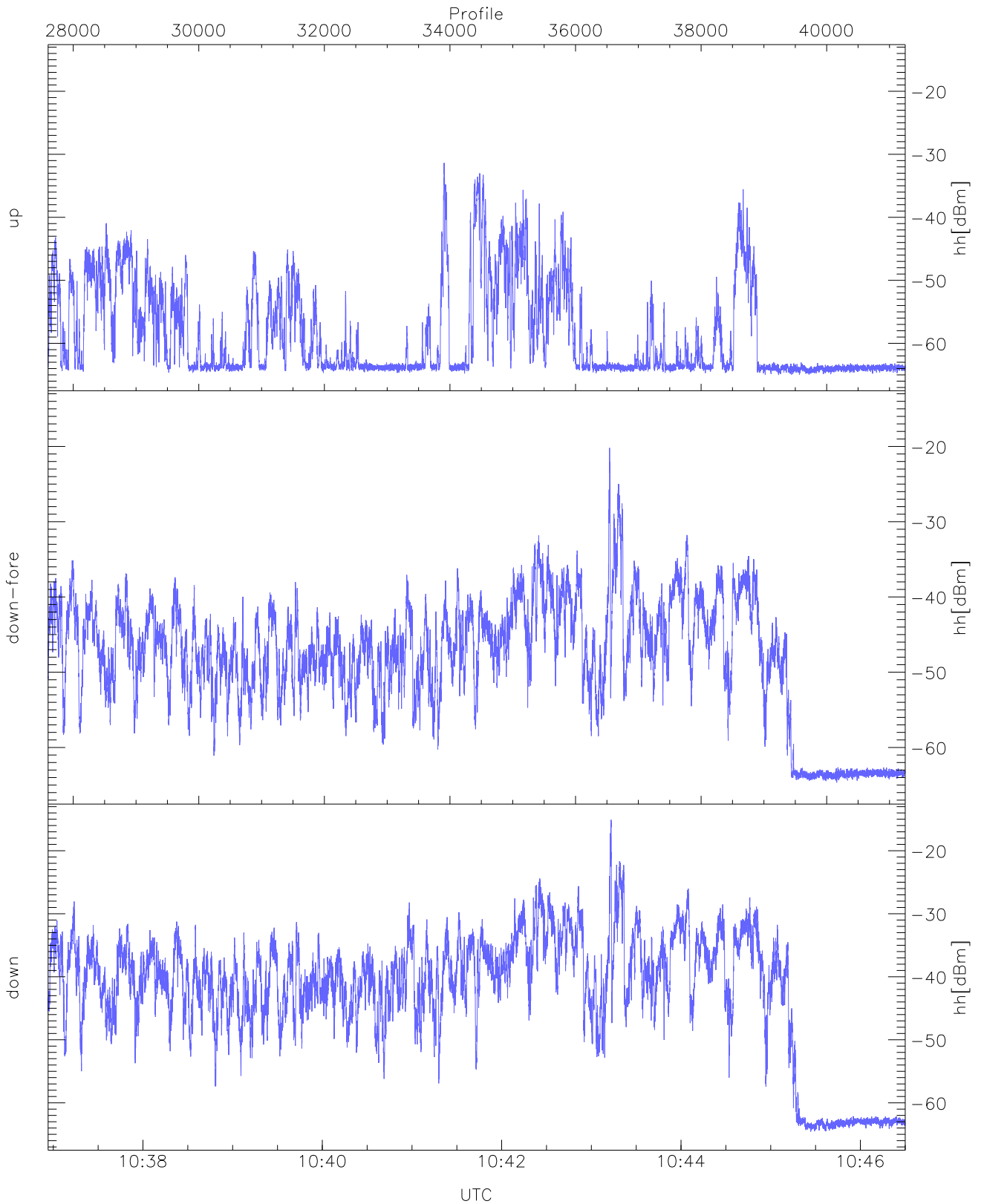




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 103657-104143, 6827 profiles averaged  
red: 104143-104630, 6826 profiles averaged

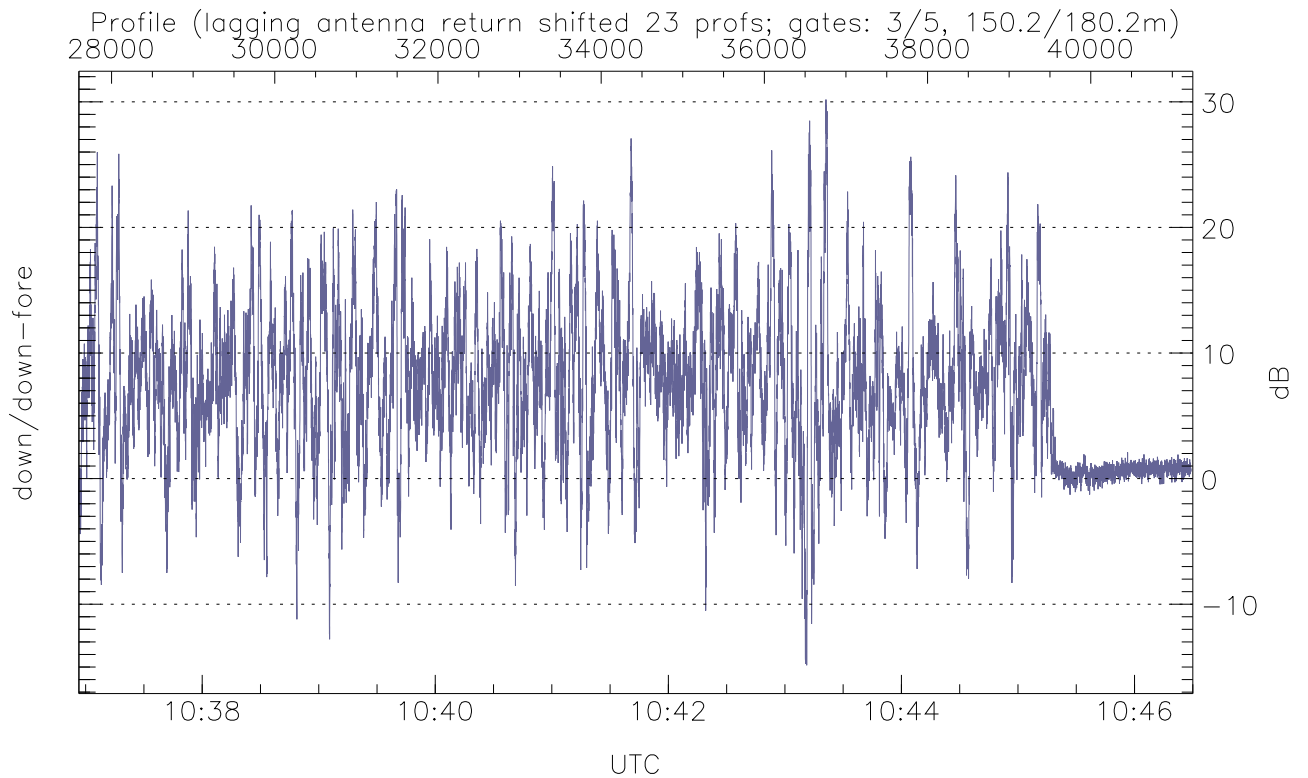
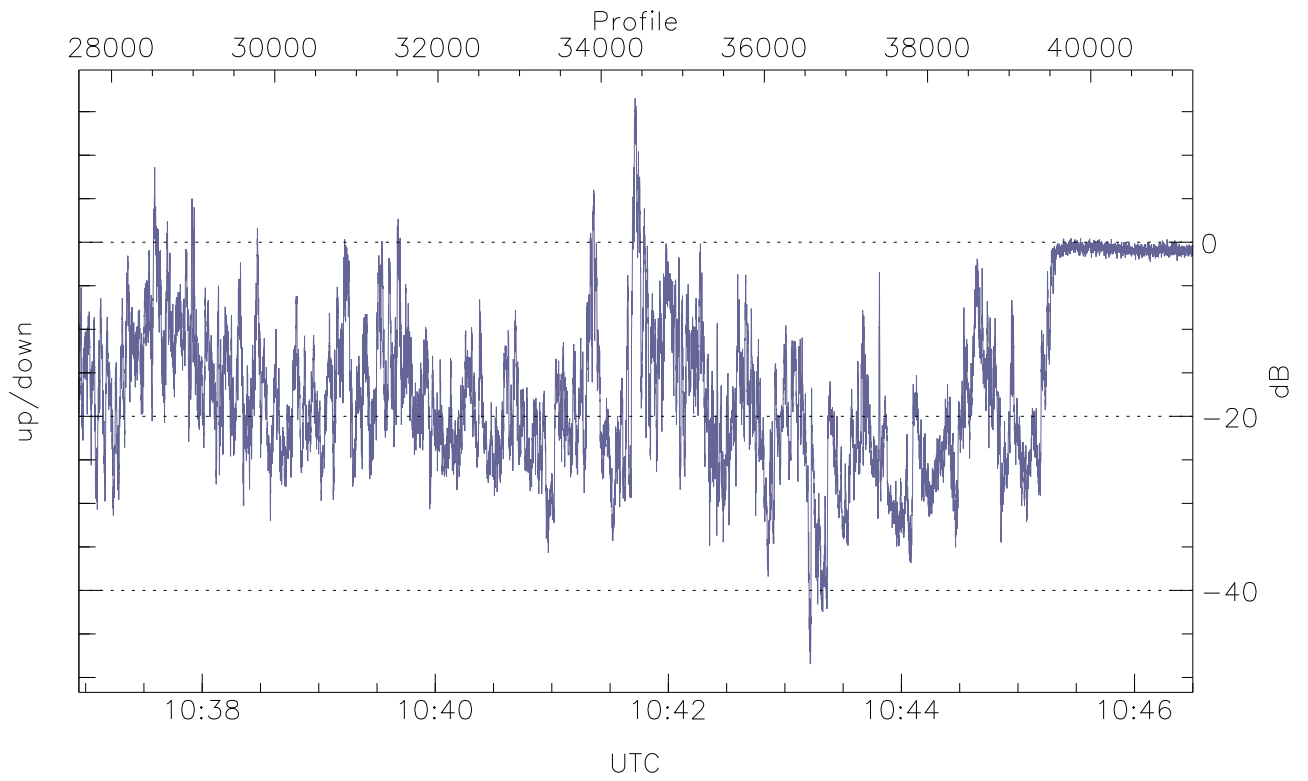


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



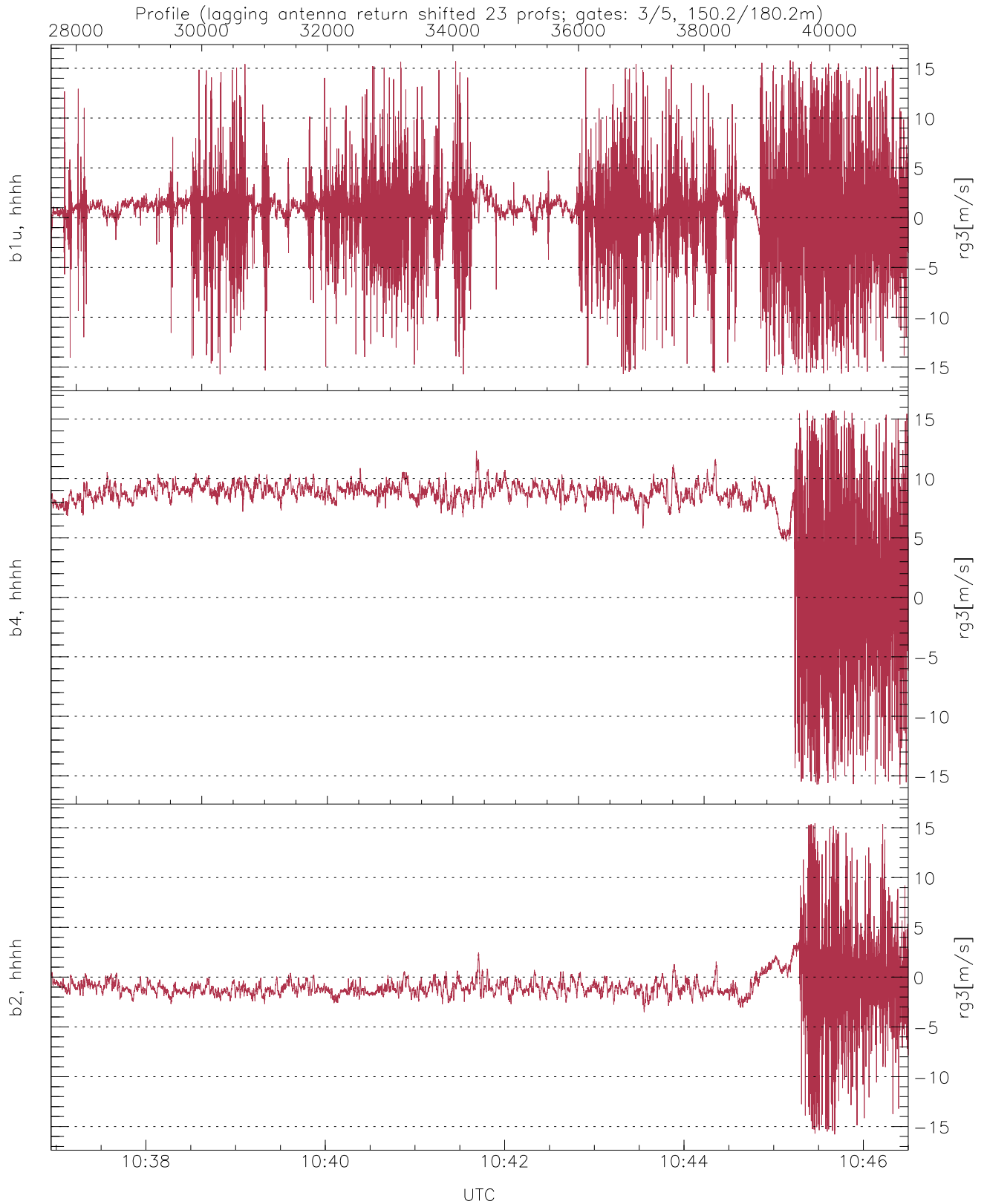
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-65.02	-31.37	-50.50
down-fore(hh[dBm])	-64.66	-20.19	-42.40
down(hh[dBm])	-64.57	-15.09	-35.93



WCR2 Beam pairs Received Power Ratio(s)

	Min	Max	Mean
up/down (dB)	-48.46	16.54	-16.39
down/down-fore (dB)	-14.86	30.18	7.07



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.74	15.79	0.45	3.60
b4, hhhh(rg3[m/s])	-15.73	15.74	7.69	3.83
b2, hhhh(rg3[m/s])	-15.79	15.46	-0.89	1.97