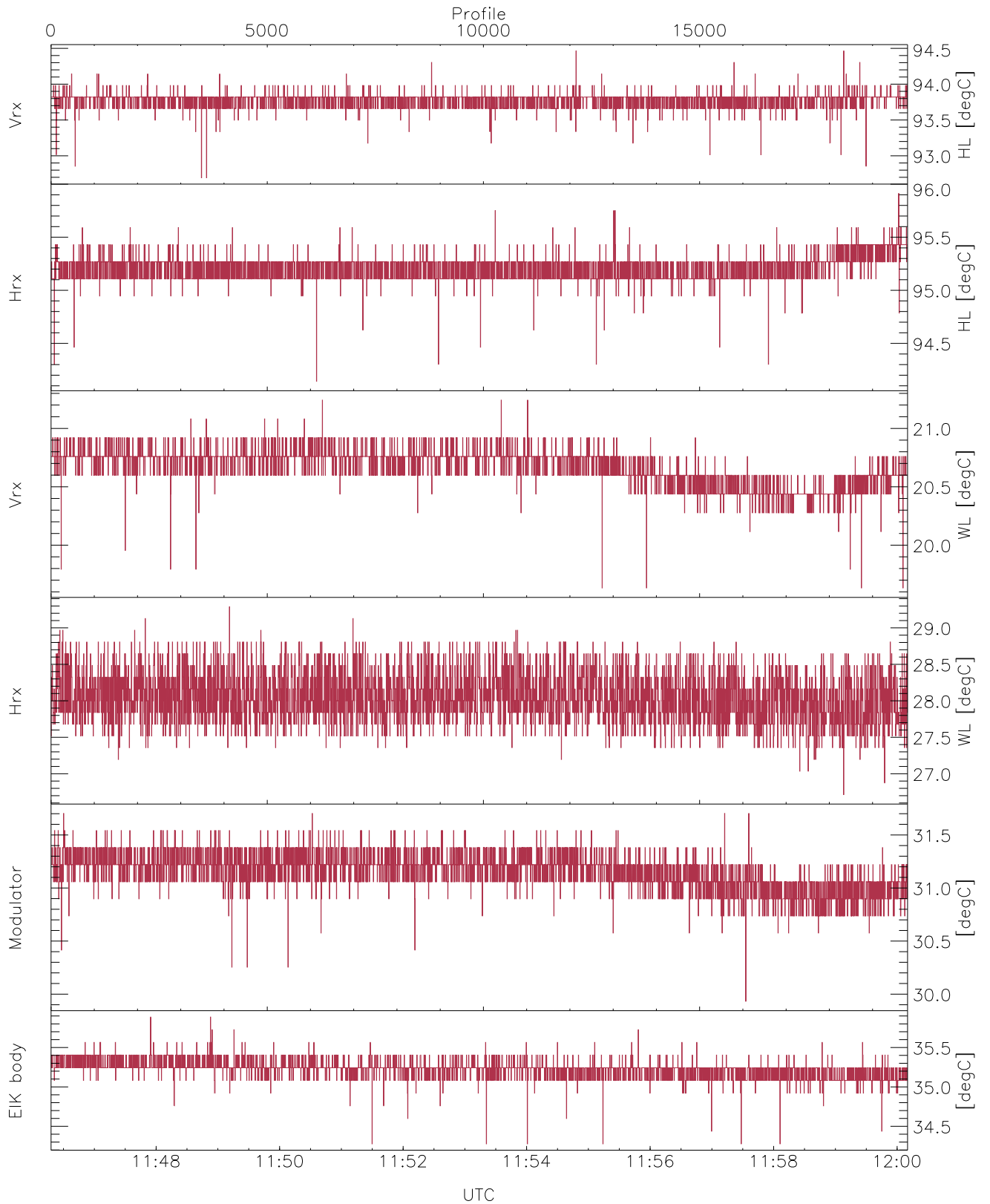


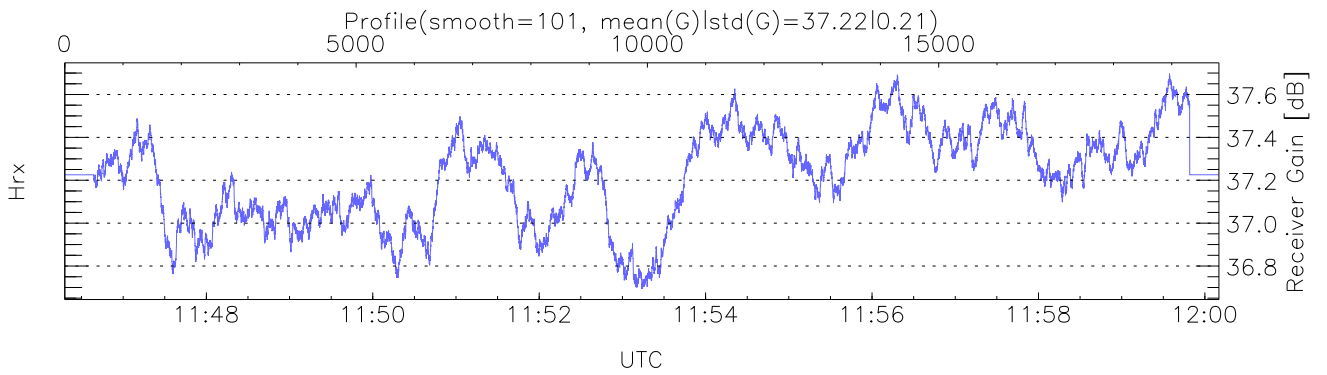
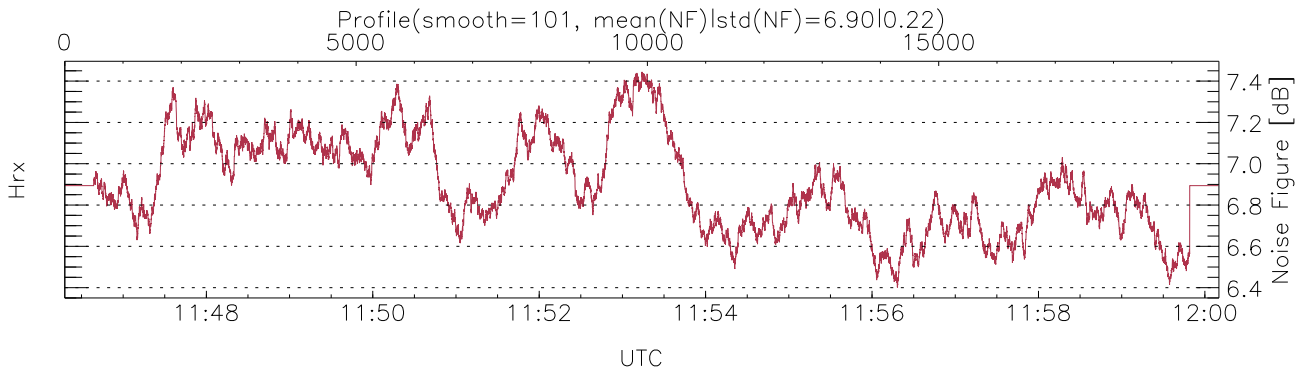
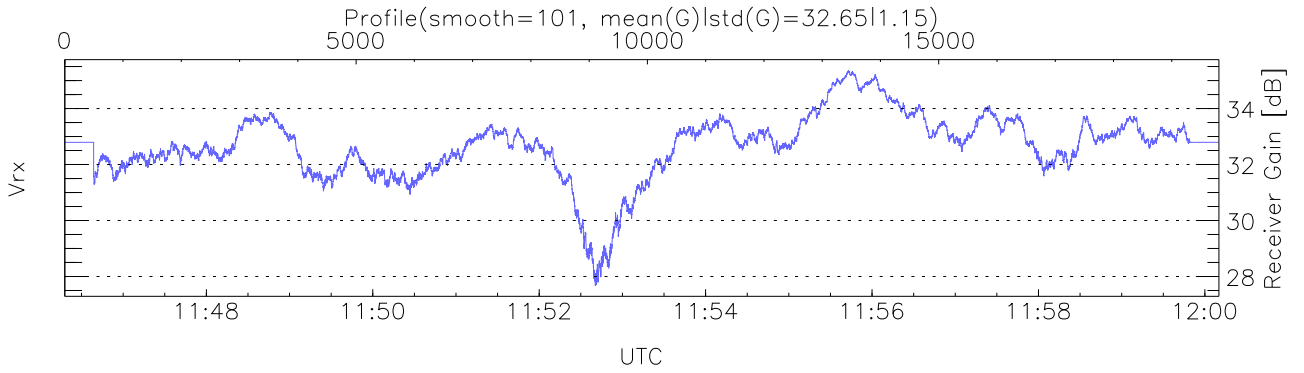
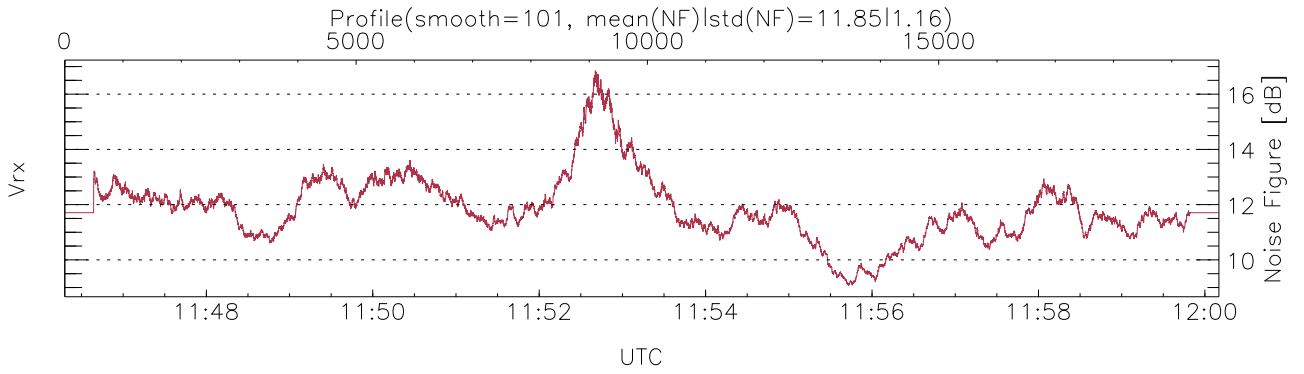
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 11:46:18-12:00:10, Dur: 832.23s  
 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): 19811/19811, 0-19810/11:46:18-12:00:10  
 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,rgs): 105,6187,15.0 m, Gates: 406, Aspect: 4.0  
 Mirror(-9|0|1|2,3,9x)=no mirror|sidelup|error): 1



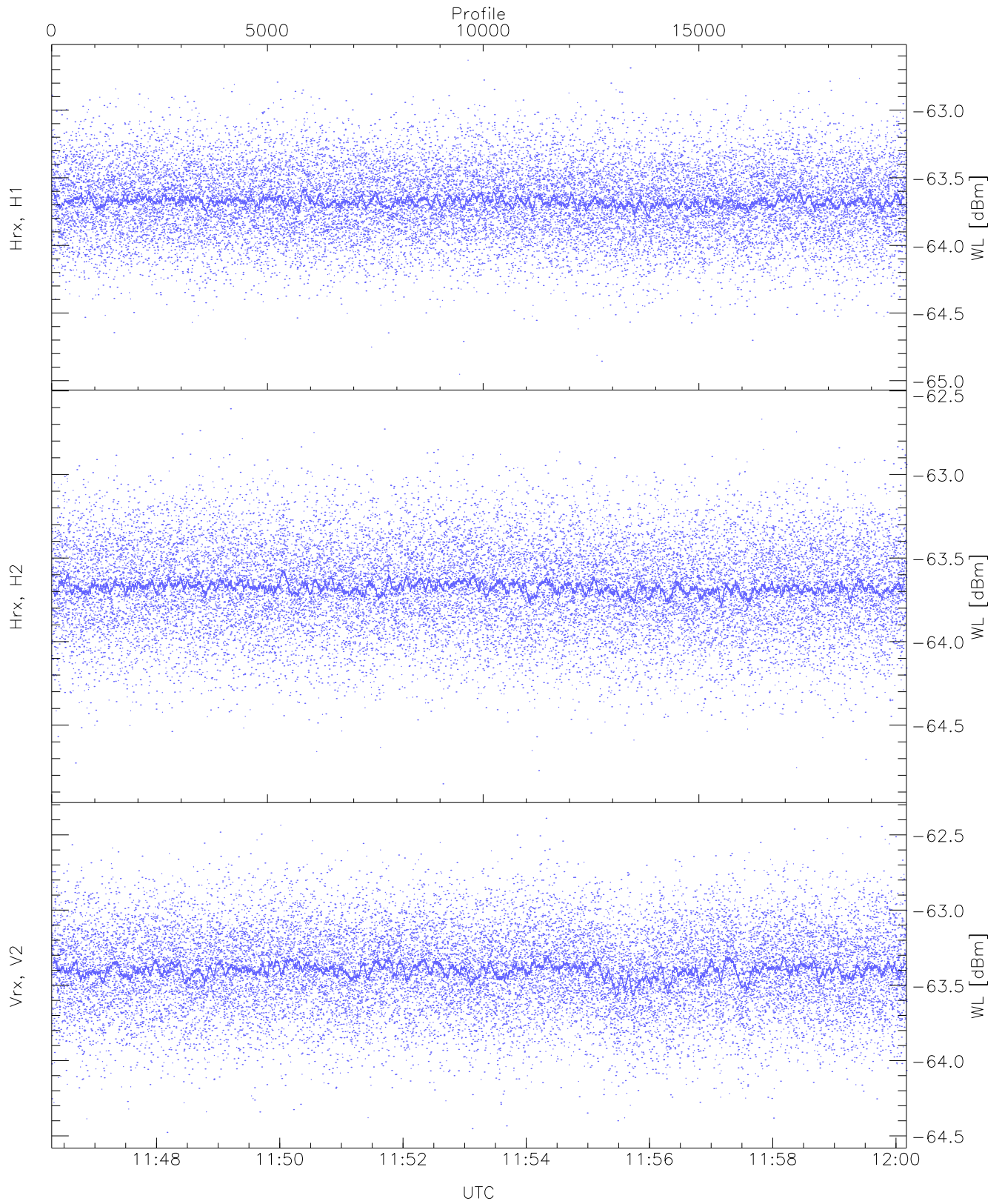
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,19,26,29,34  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,95,21,29,31,35  
LOalarm(20,80,240,2.8,14.8 MHz): None  
EIK/Modulator Faults: None



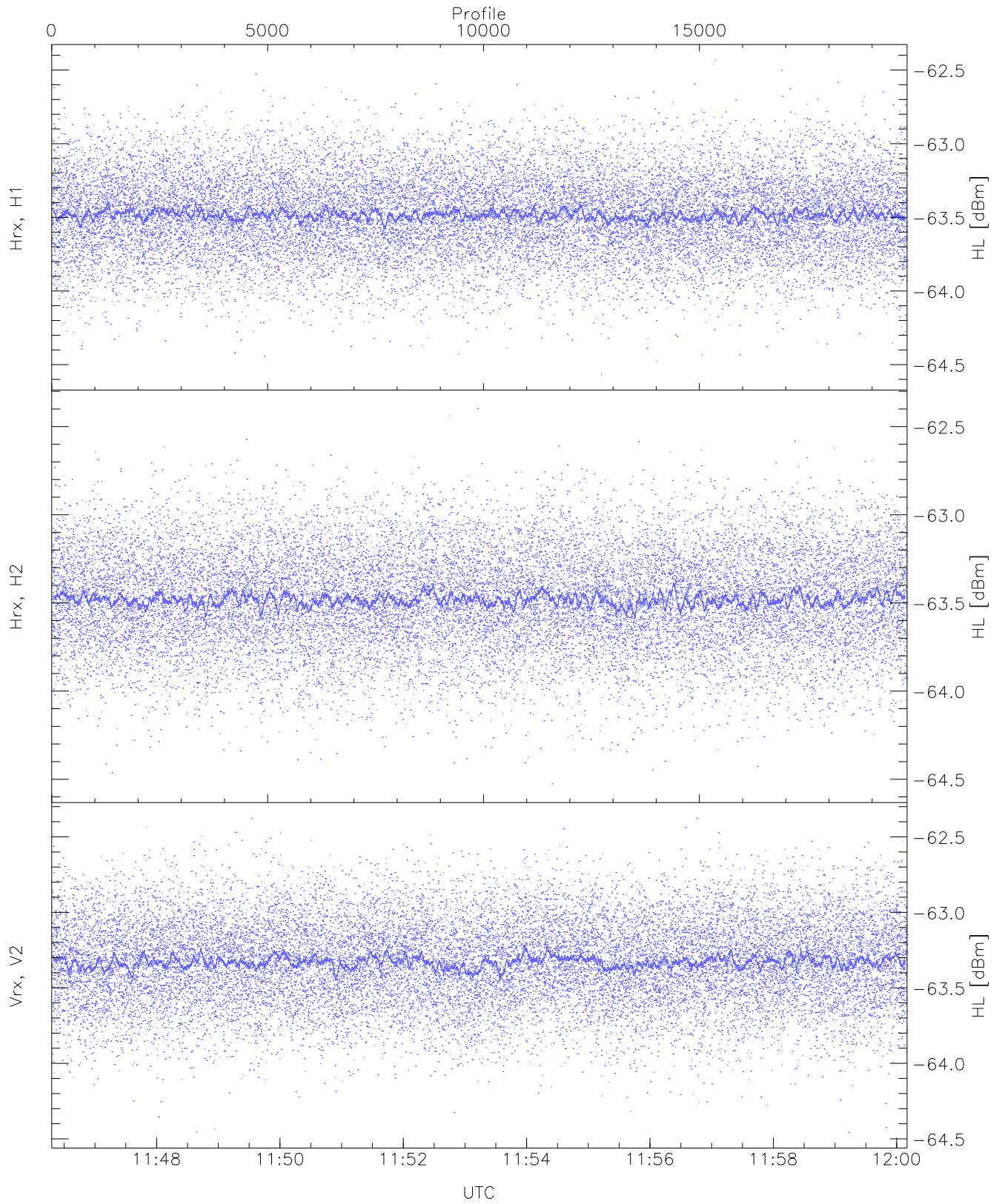
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 1254 pixs, 26 gates, 1044 profs, 1 prods



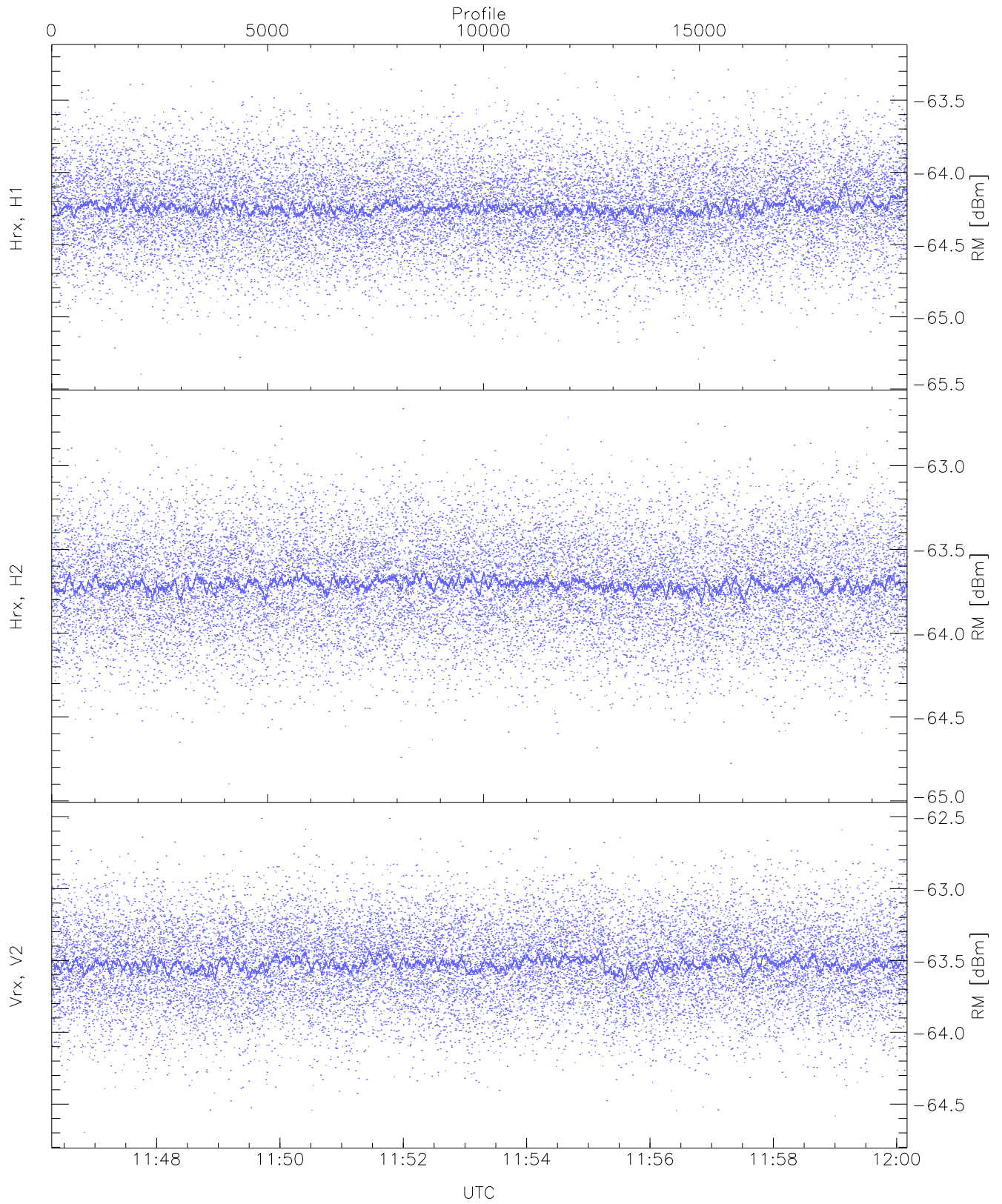
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-64.95	-62.63	-63.67	-63.68	-75.82
Hrx, H2 (WL [dBm])	-64.85	-62.61	-63.67	-63.68	-75.81
Vrx, V2 (WL [dBm])	-64.48	-62.39	-63.40	-63.40	-75.45



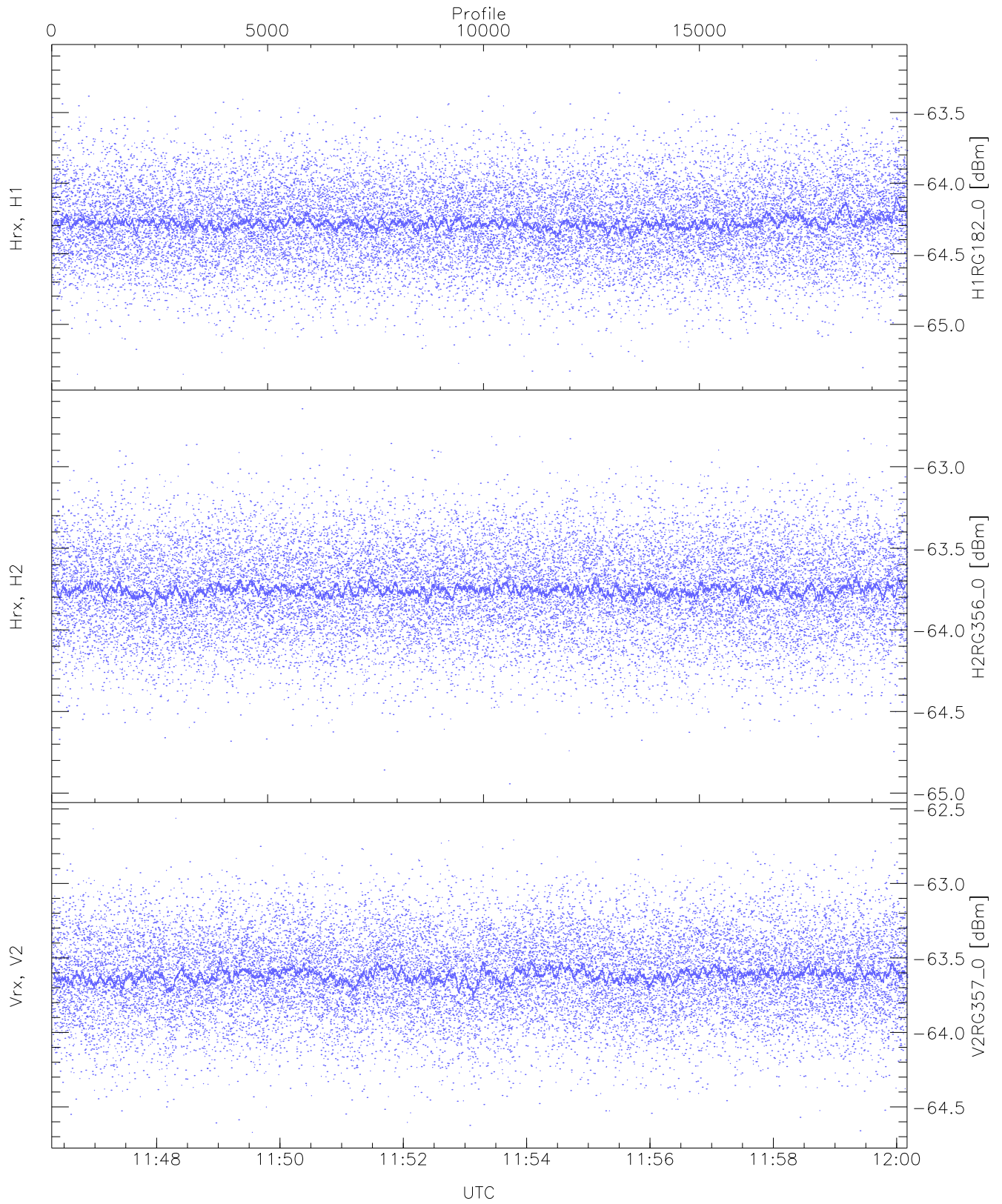
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-64.57	-62.43	-63.48	-63.48	-75.63
Hrx, H2 (HL [dBm])	-64.53	-62.40	-63.48	-63.48	-75.63
Vrx, V2 (HL [dBm])	-64.46	-62.38	-63.32	-63.33	-75.42



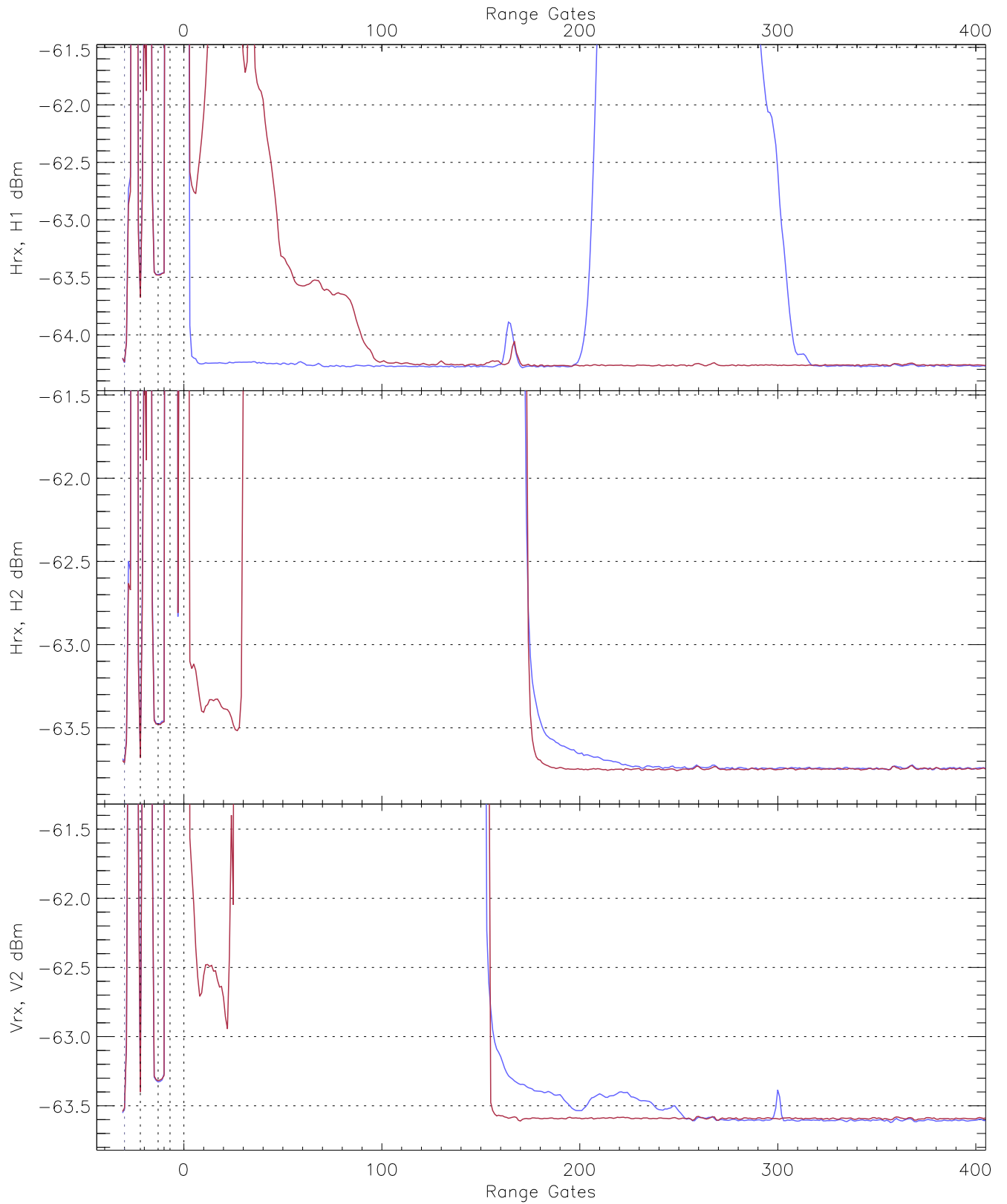
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-65.40	-63.22	-64.24	-64.24	-76.35
Hrx, H2 (RM [dBm])	-64.90	-62.66	-63.70	-63.71	-75.82
Vrx, V2 (RM [dBm])	-64.70	-62.51	-63.52	-63.52	-75.62



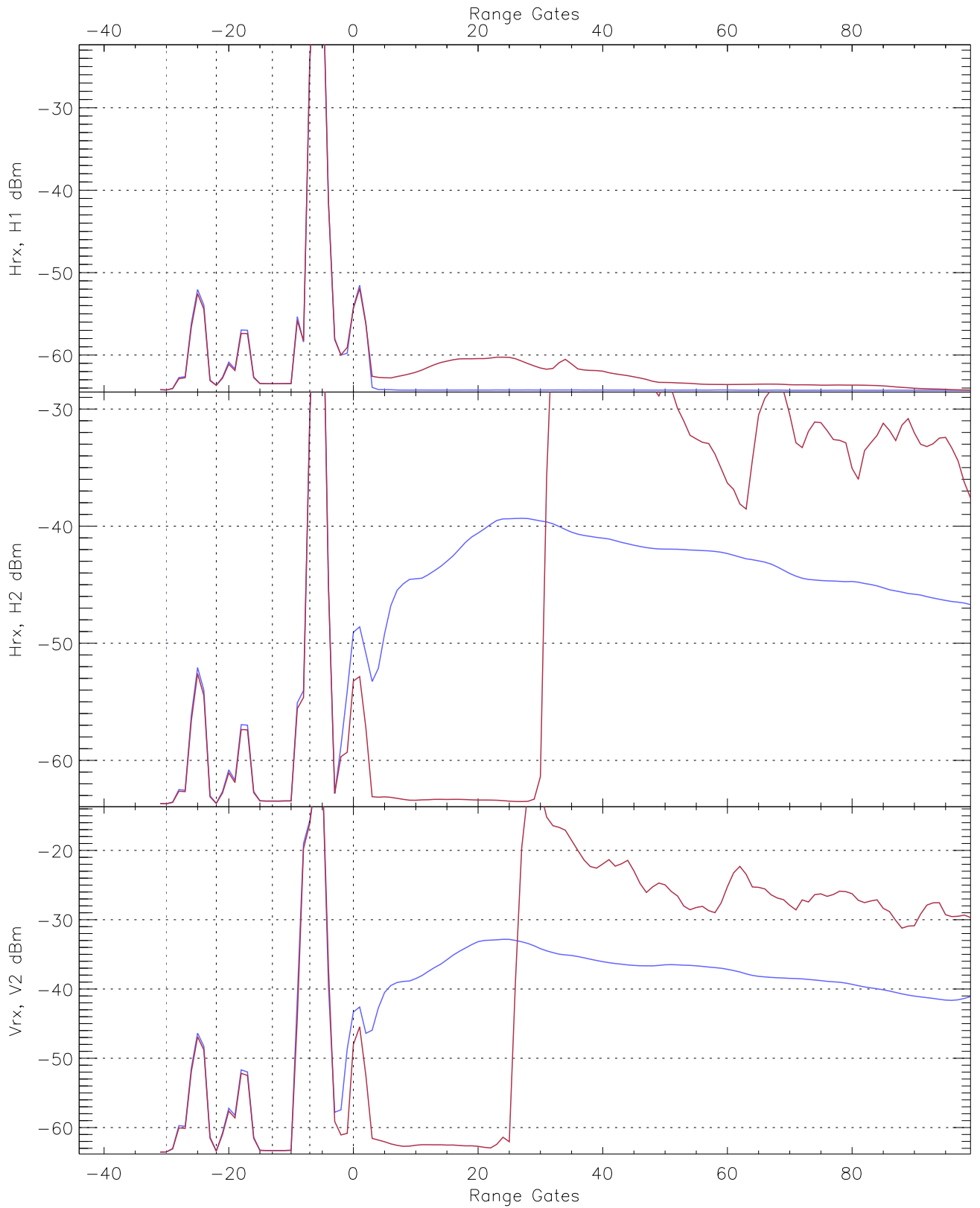
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG182_0 [dBm]	-65.35	-63.13	-64.28	-64.28	-76.38
H2RG356_0 [dBm]	-64.94	-62.65	-63.75	-63.76	-75.89
V2RG357_0 [dBm]	-64.67	-62.56	-63.61	-63.62	-75.68

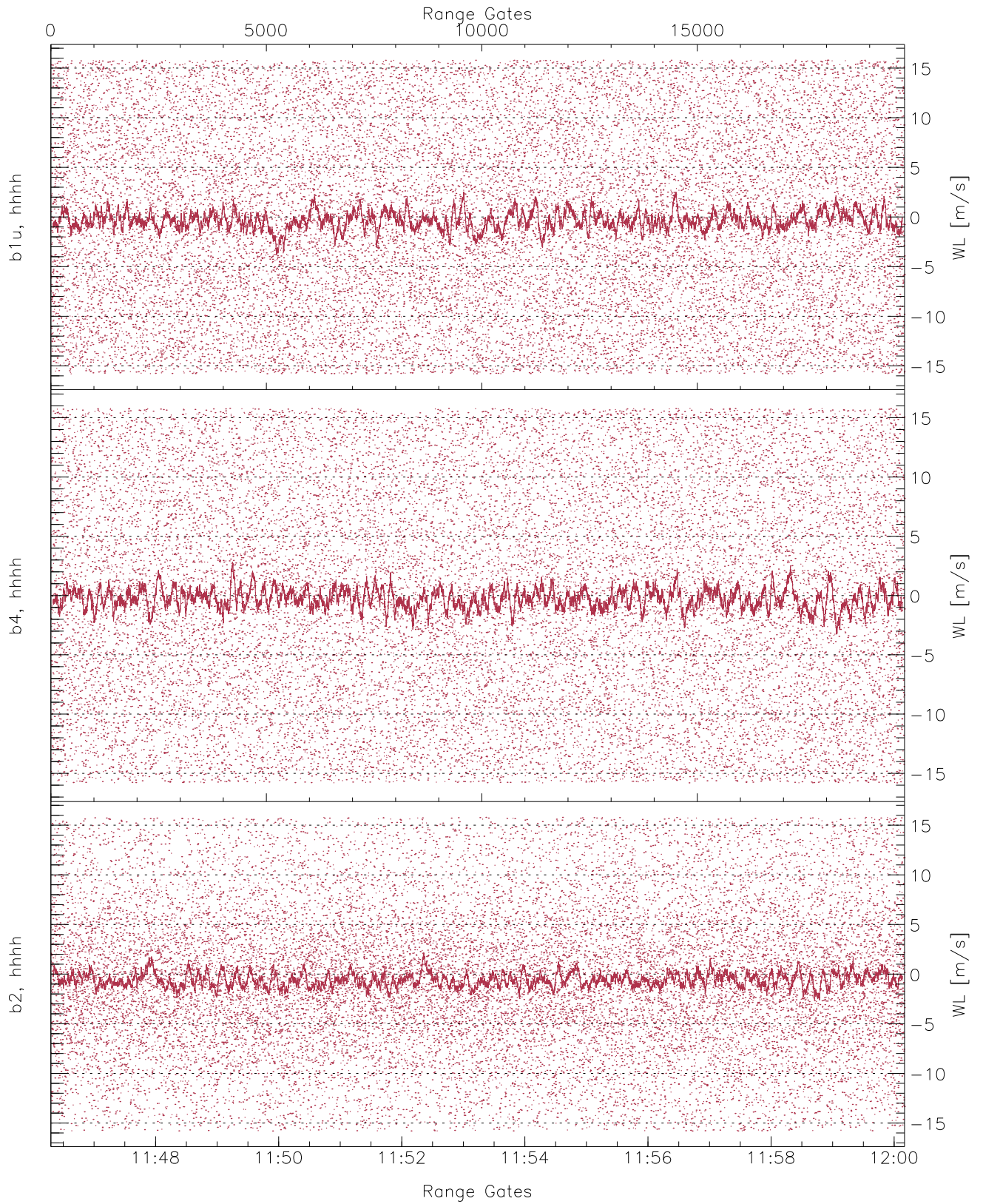


WCR2 CPP Averaged Received power for all recorded gates  
blue: 114618-115314, 9906 profiles averaged  
red: 115314-120010, 9906 profiles averaged

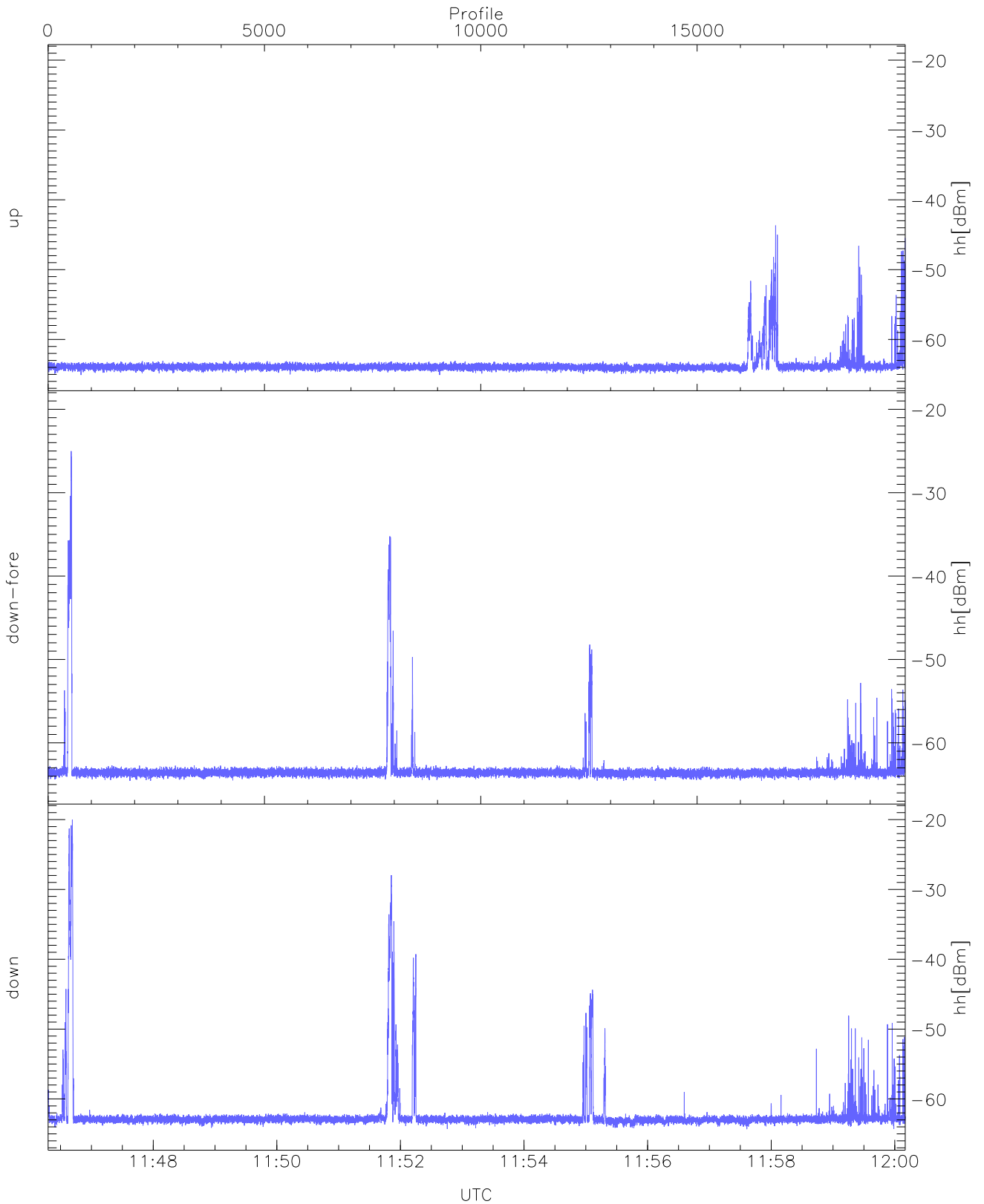




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 114618-115314, 9906 profiles averaged  
red: 115314-120010, 9906 profiles averaged

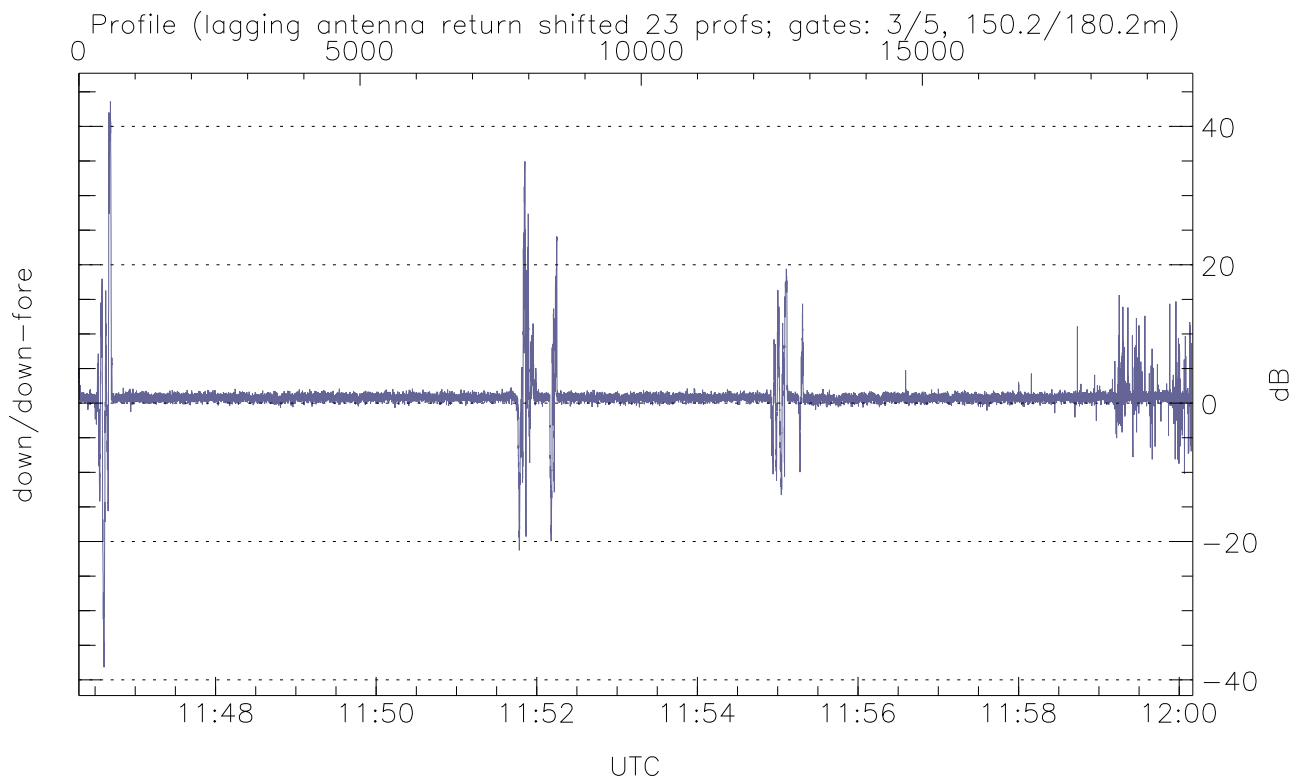
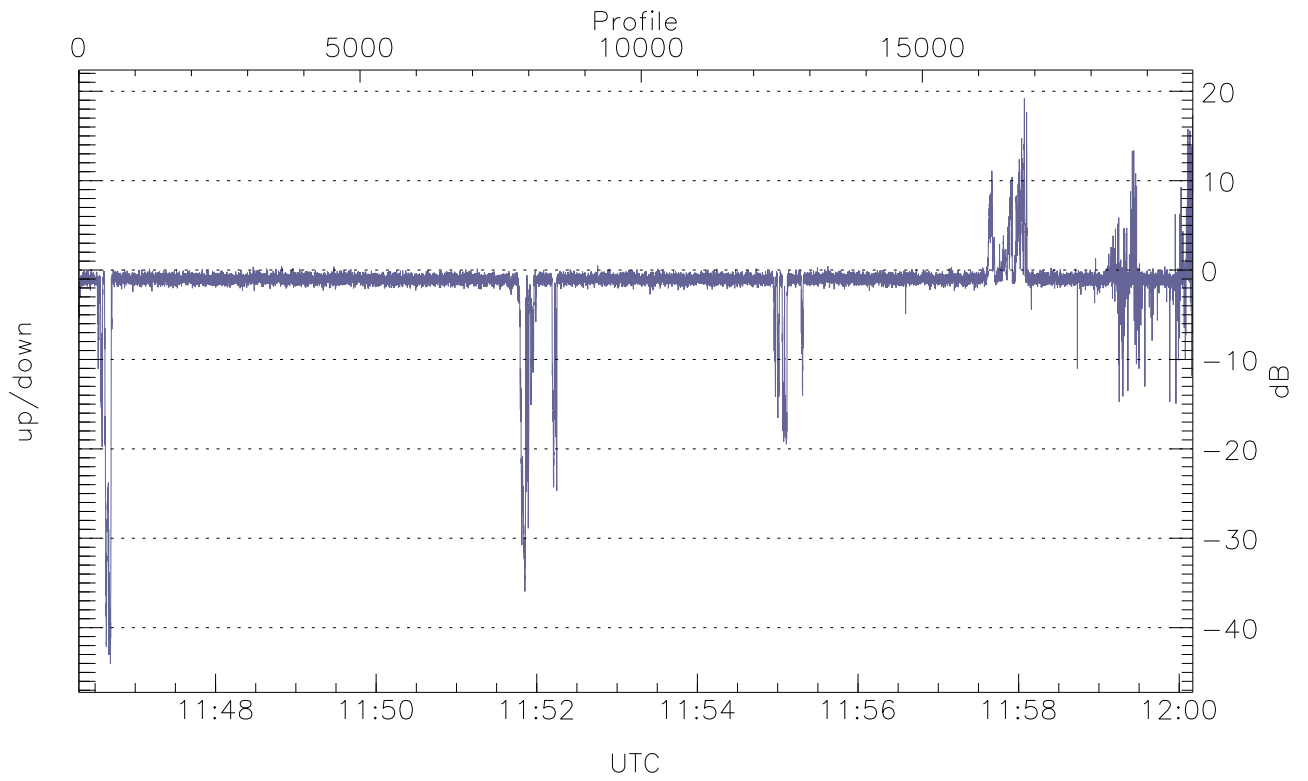


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



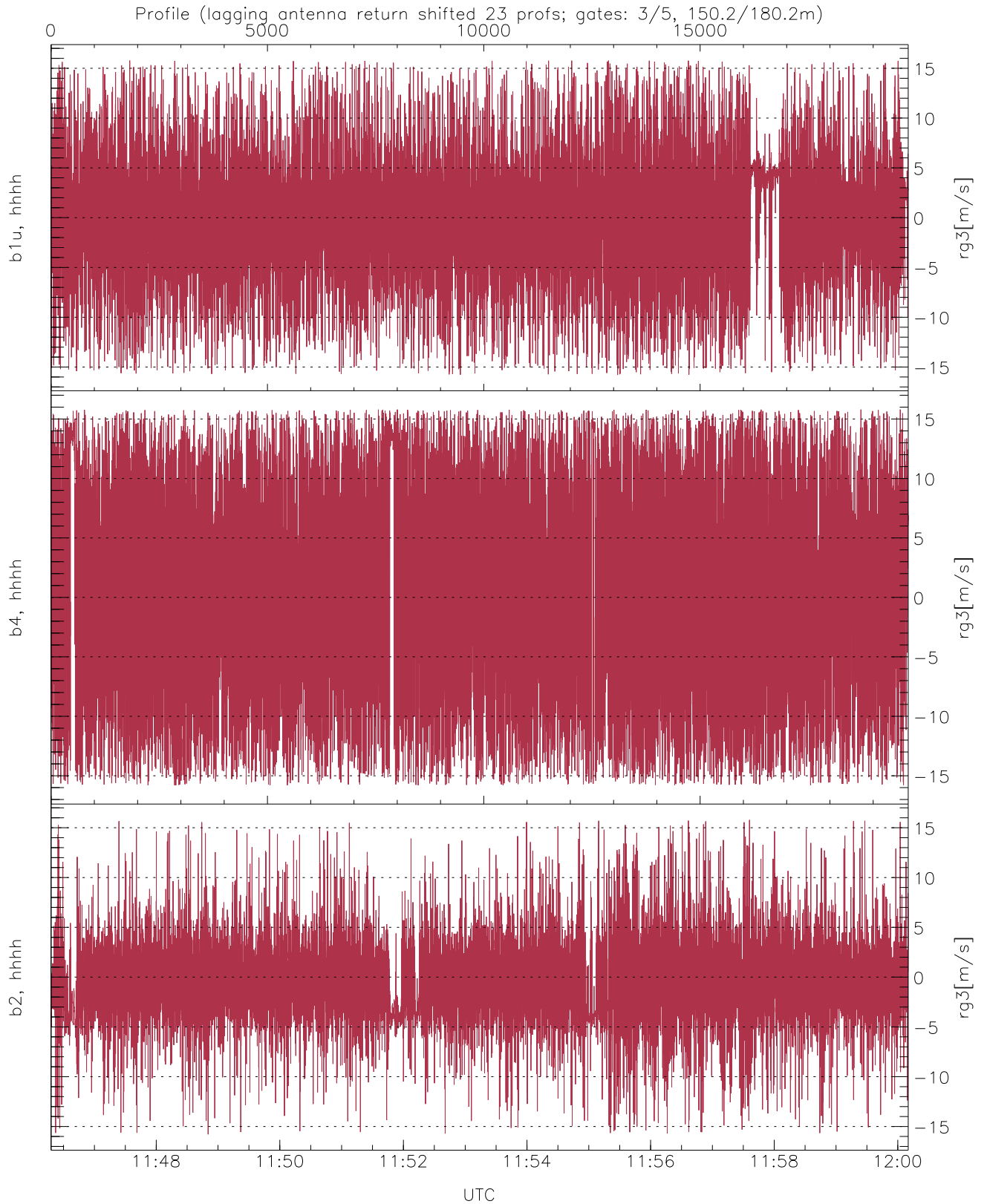
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-65.09	-43.67	-63.20
down-fore(hh[dBm])	-64.56	-25.01	-55.85
down(hh[dBm])	-64.33	-20.03	-48.84



WCR2 Beam pairs Received Power Ratio(s)

	Min	Max	Mean
up/down (dB)	-44.07	19.21	-1.39
down/down-fore (dB)	-38.18	43.60	0.87



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.79	15.78	-0.13	5.26
b4, hhhh(rg3[m/s])	-15.80	15.80	0.58	7.74
b2, hhhh(rg3[m/s])	-15.79	15.79	-0.55	3.60