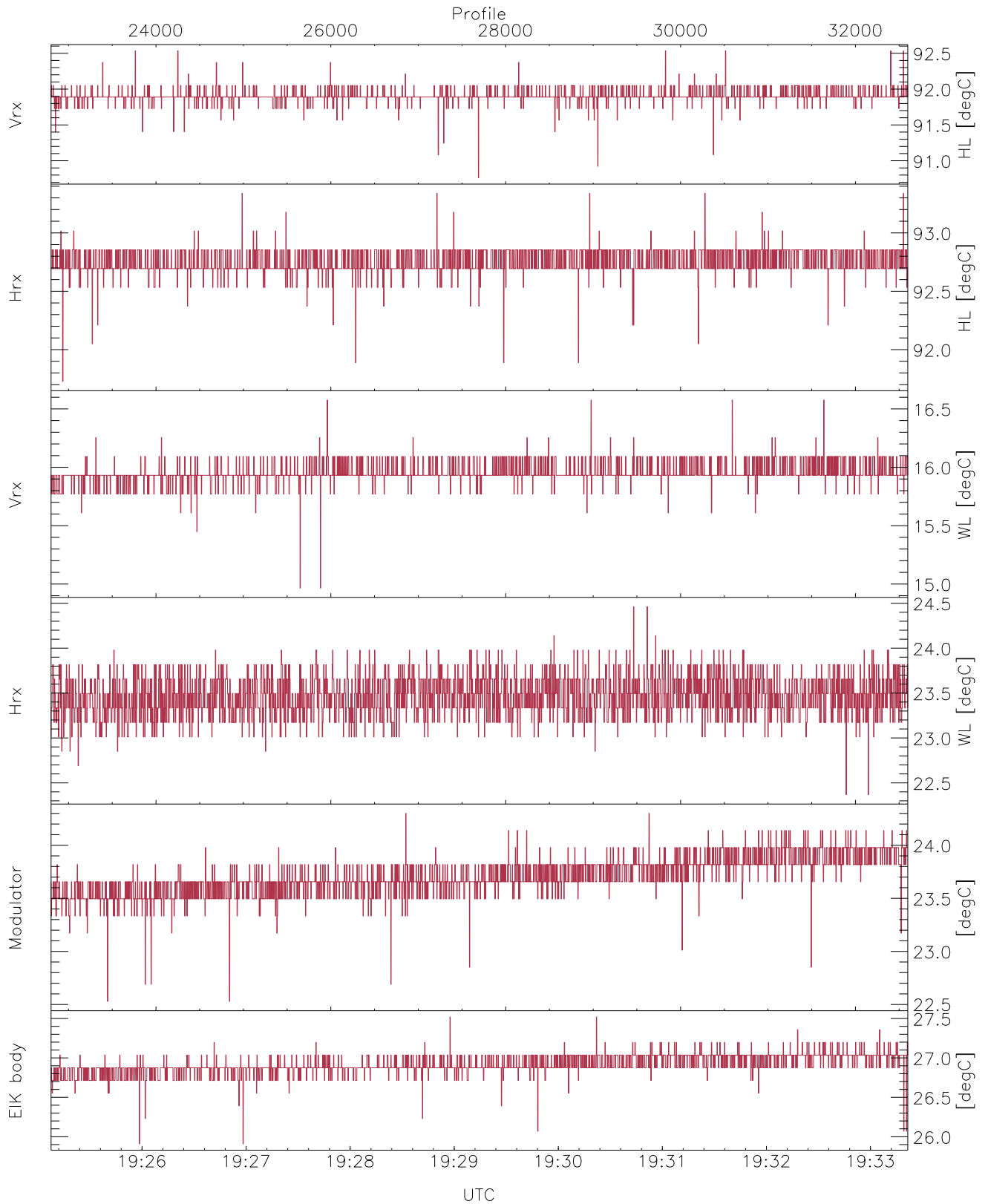


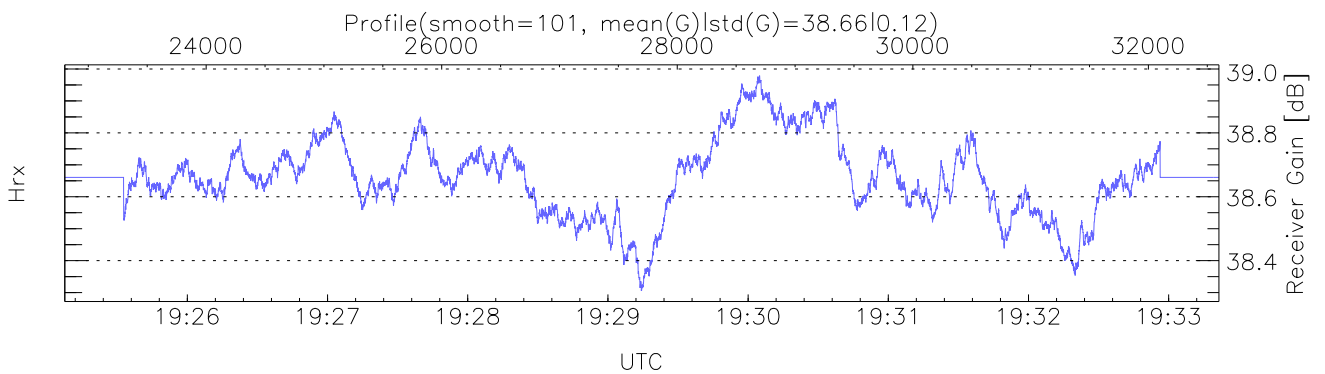
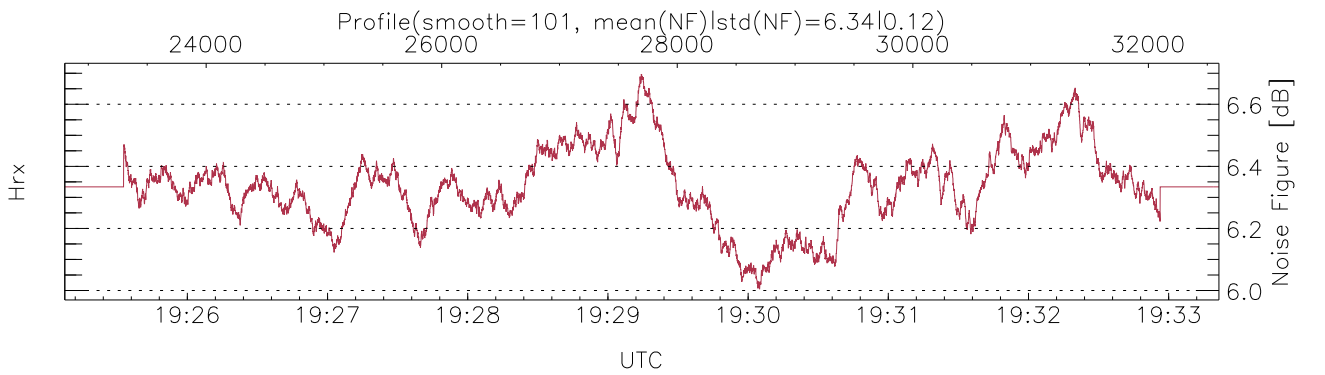
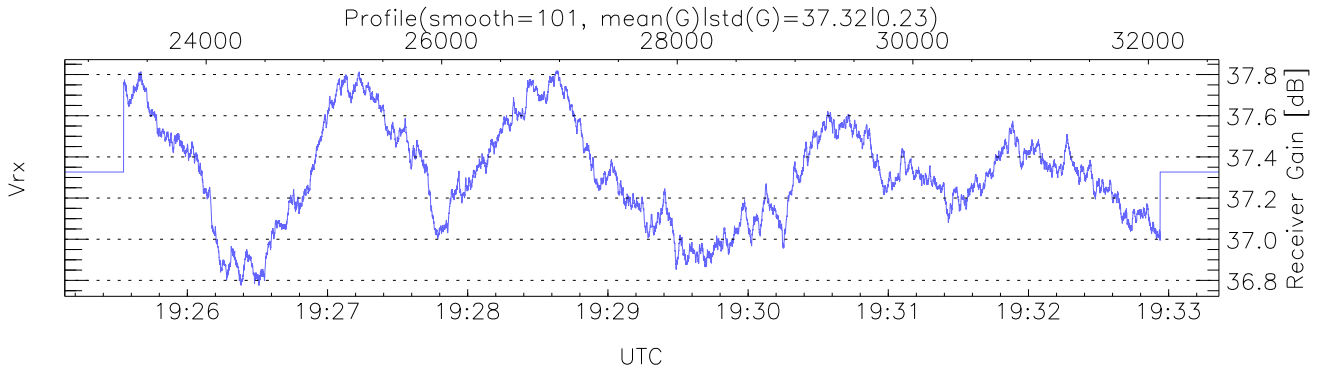
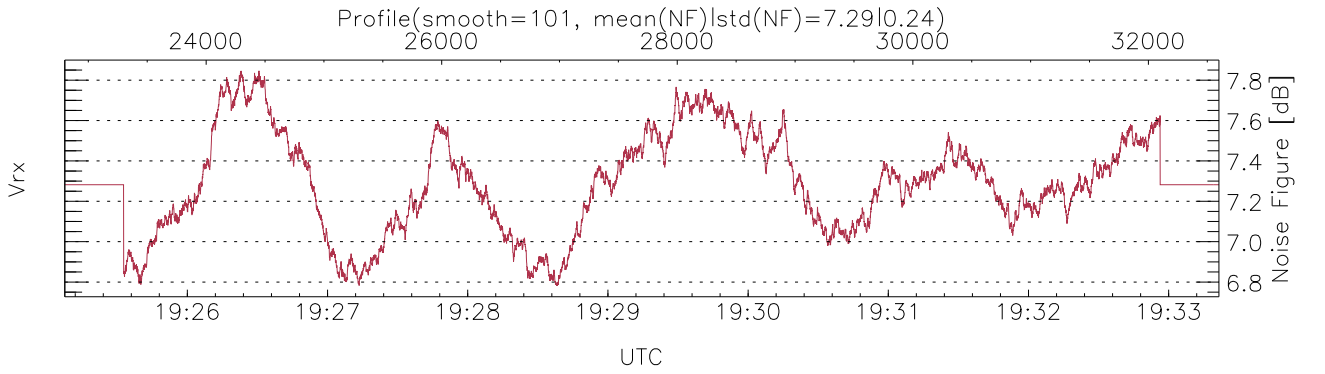
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 19:05:58-19:33:22, Dur: 1643.40s  
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant  
 TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20  
 NumRec(r/t): 9800/32600, 22800-32599/19:25:08-19:33:22  
 AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168  
 Pulse: 200ns, IFF: 5.0MHz, 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): 105,5271,15.0 m, Gates: 345, Aspect: 3.3  
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



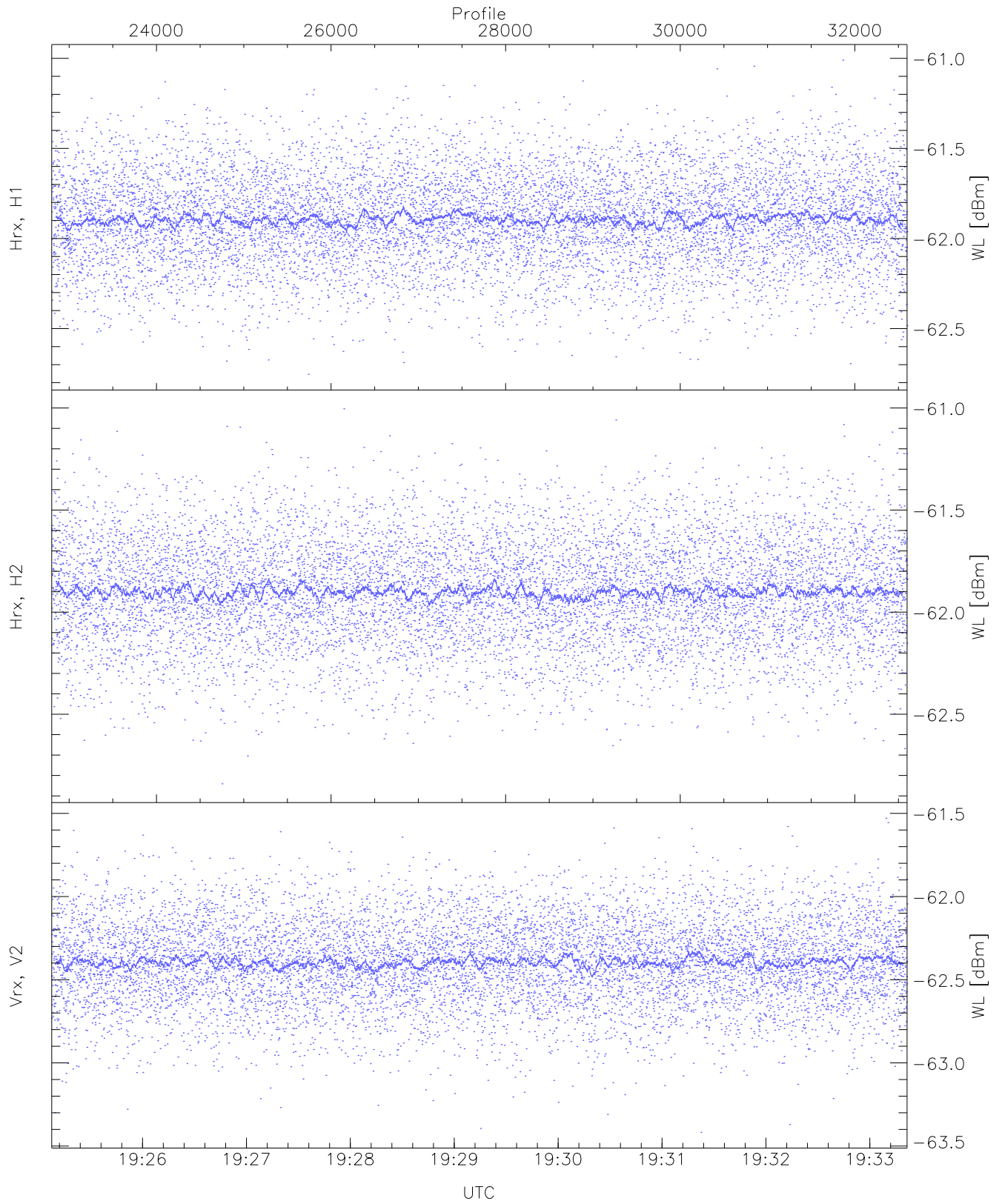
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,14,22,22,25  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,16,24,24,27  
LOalarm(20,80,240,2.8,14.8 MHz): None  
EIK/Modulator Faults: None



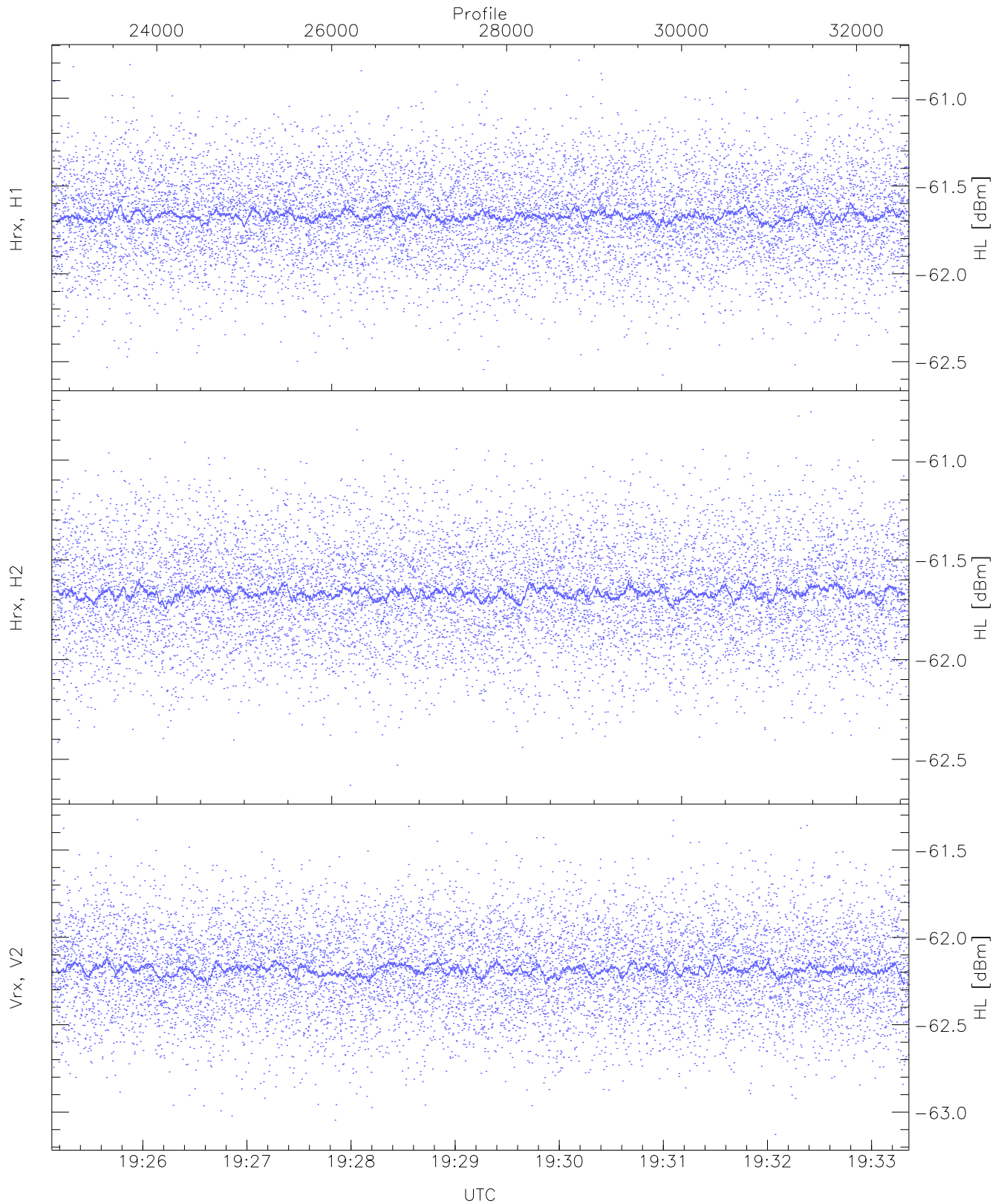
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 480 pixs, 19 gates, 473 profs, 1 prods



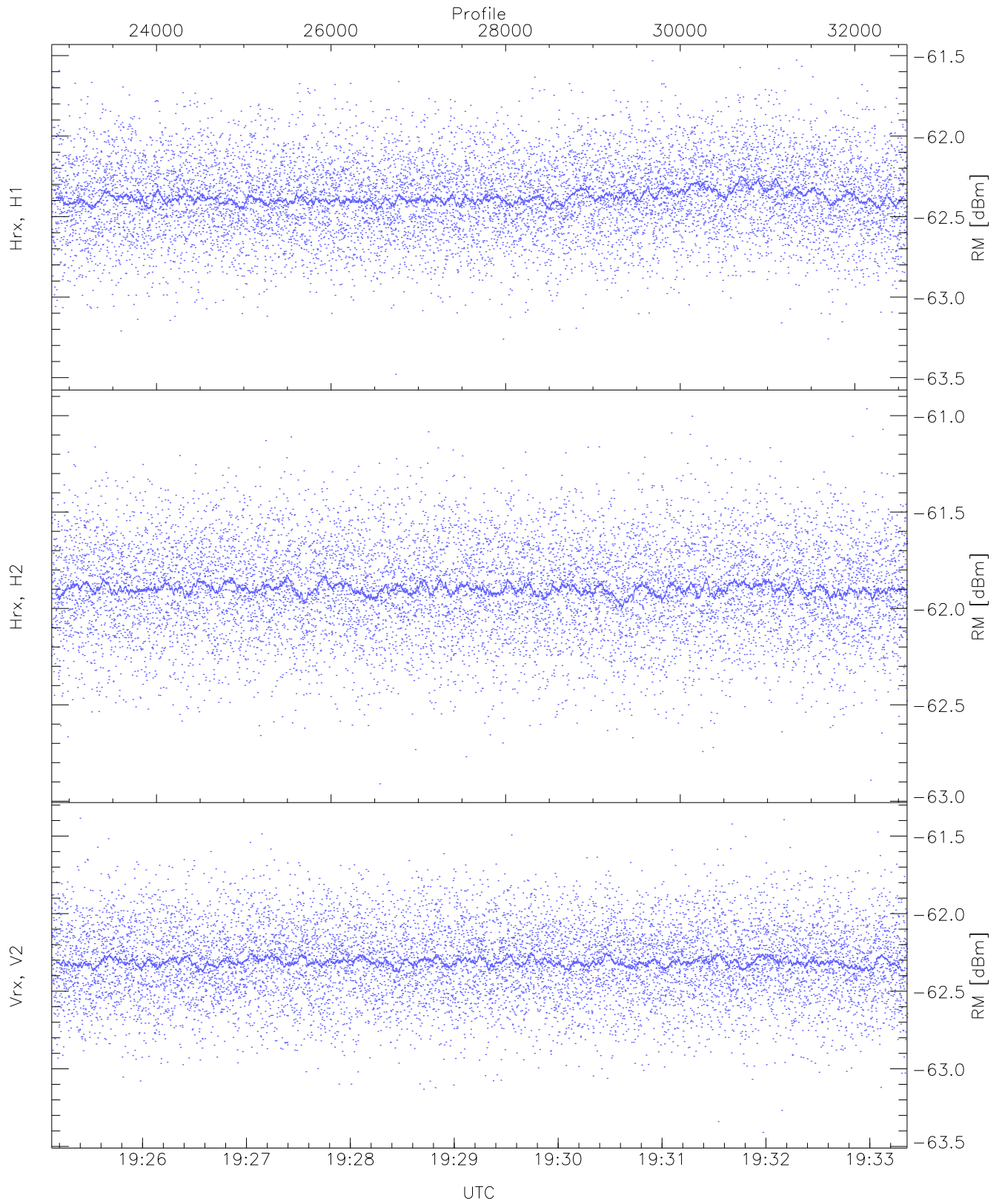
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-62.75	-61.01	-61.89	-61.90	-74.43
Hrx, H2 (WL [dBm])	-62.84	-61.00	-61.90	-61.90	-74.43
Vrx, V2 (WL [dBm])	-63.42	-61.53	-62.39	-62.39	-74.95



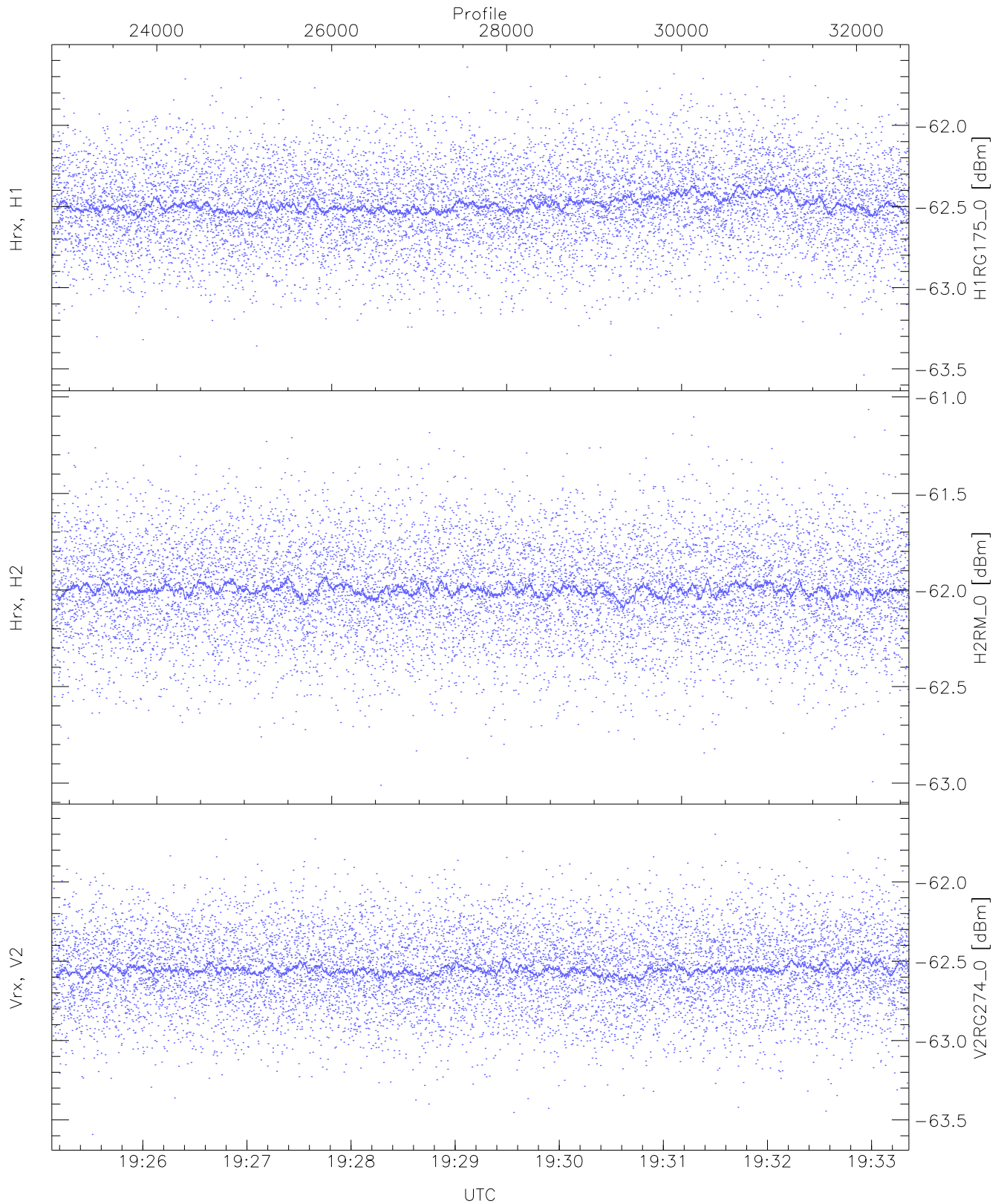
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.58	-60.78	-61.67	-61.67	-74.26
Hrx, H2(HL [dBm])	-62.63	-60.75	-61.66	-61.67	-74.24
Vrx, V2(HL [dBm])	-63.13	-61.33	-62.18	-62.18	-74.77



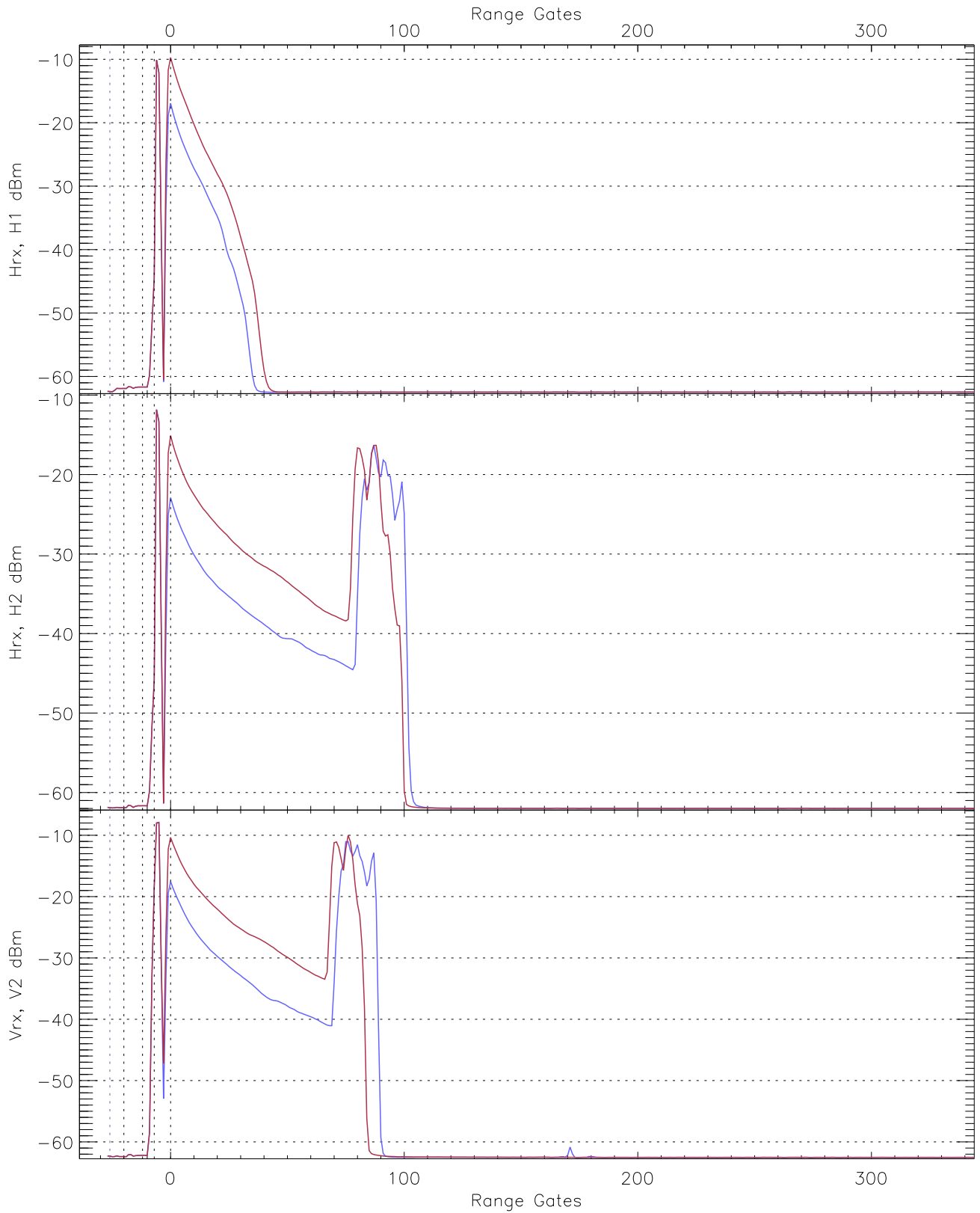
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.48	-61.53	-62.38	-62.38	-74.91
Hrx, H2(RM [dBm])	-62.91	-60.96	-61.89	-61.90	-74.43
Vrx, V2(RM [dBm])	-63.41	-61.39	-62.31	-62.31	-74.81



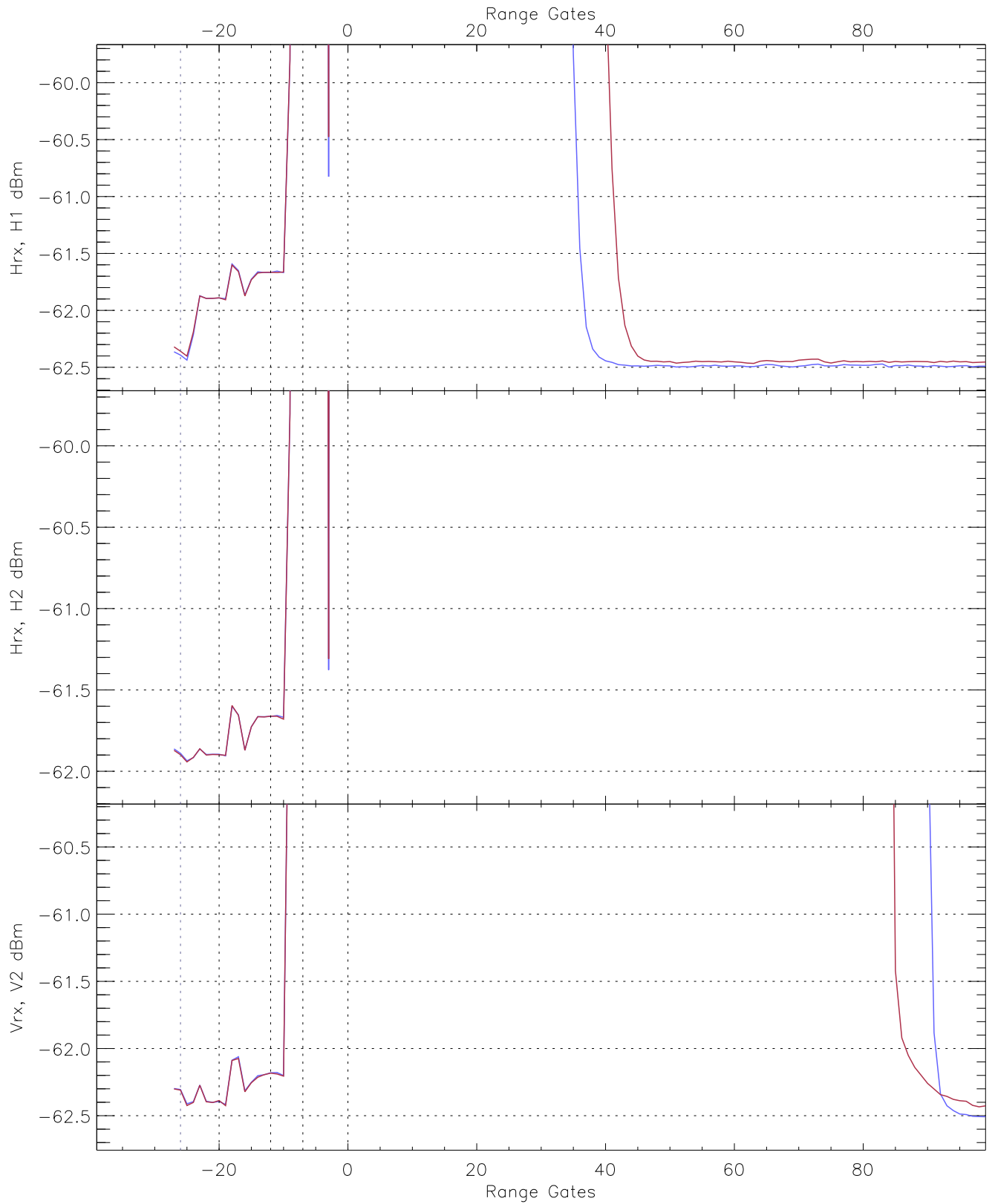
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG175_0 [dBm]	-63.54	-61.60	-62.48	-62.49	-74.99
H2RM_0 [dBm]	-63.01	-61.07	-62.00	-62.00	-74.54
V2RG274_0 [dBm]	-63.59	-61.61	-62.55	-62.56	-75.12

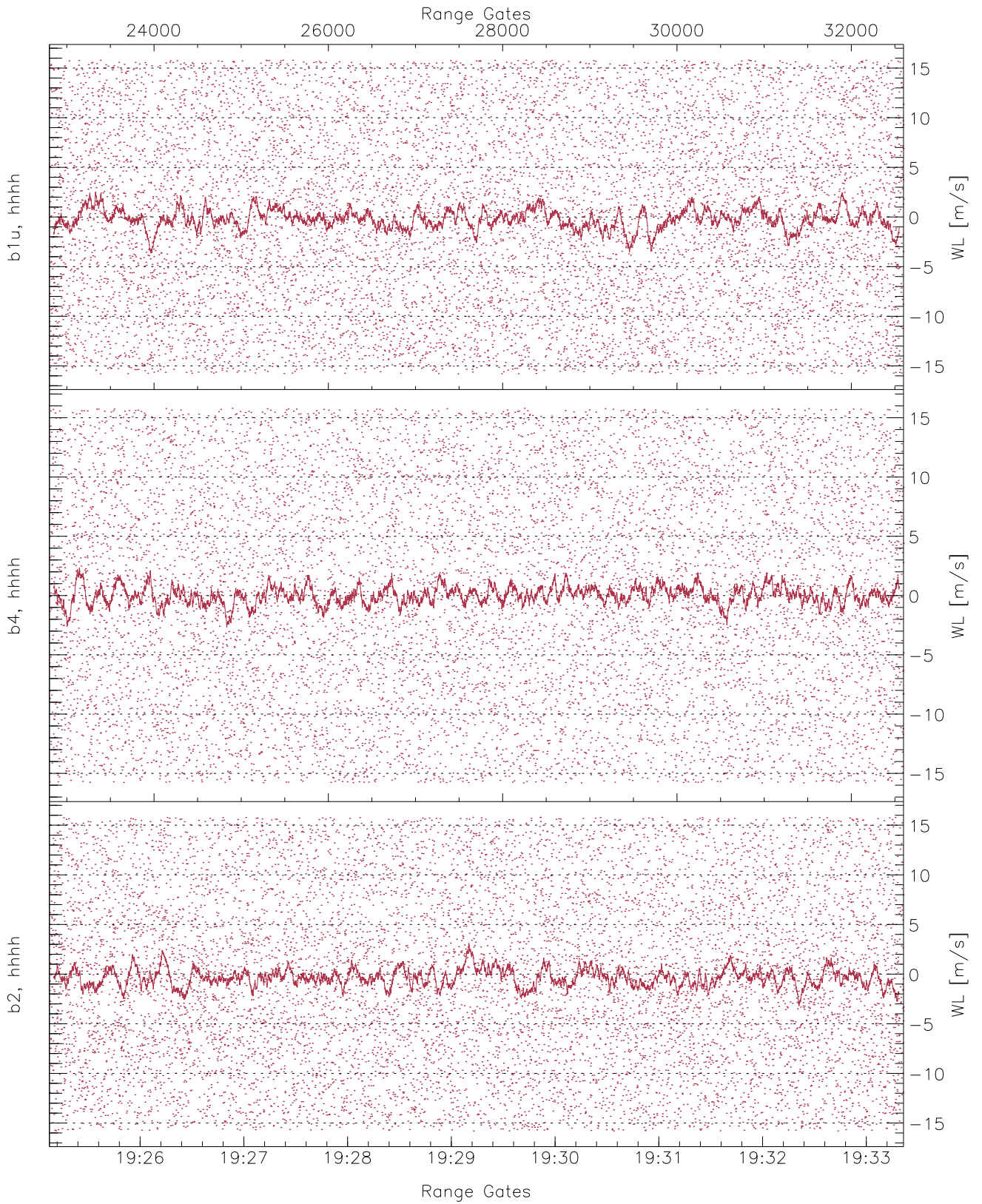


WCR2 CPP Averaged Received power for all recorded gates  
blue: 192508-192915, 4901 profiles averaged  
red: 192915-193322, 4900 profiles averaged

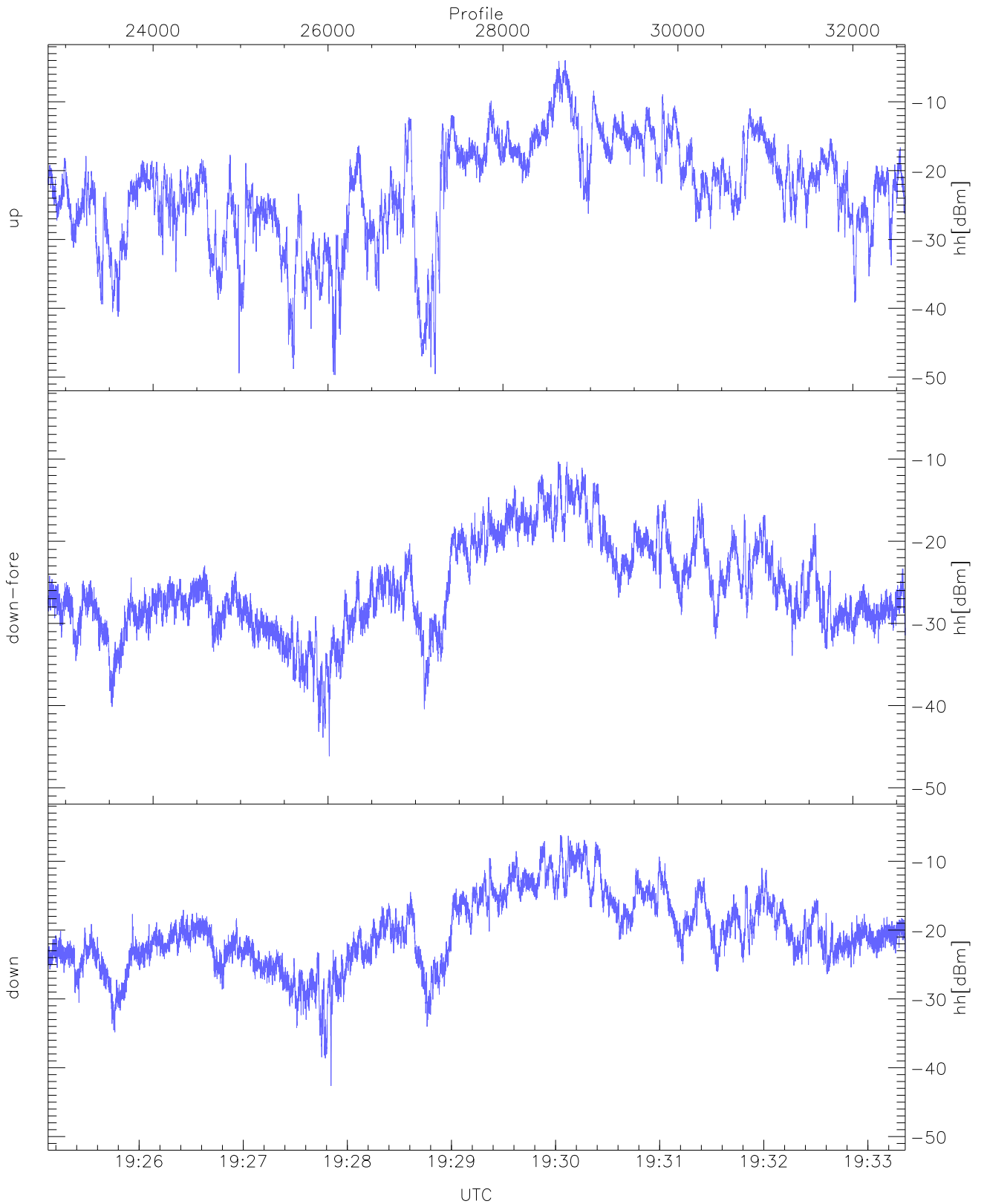




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 192508-192915, 4901 profiles averaged  
red: 192915-193322, 4900 profiles averaged

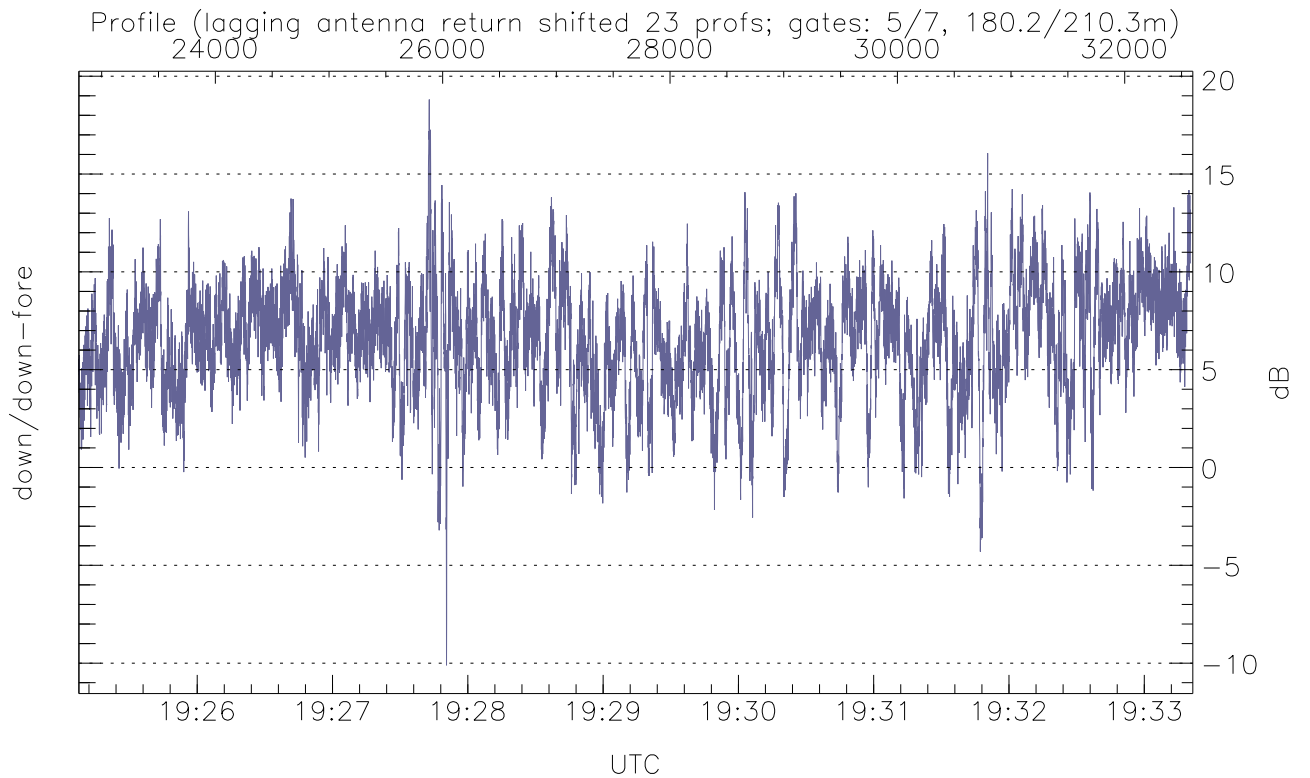
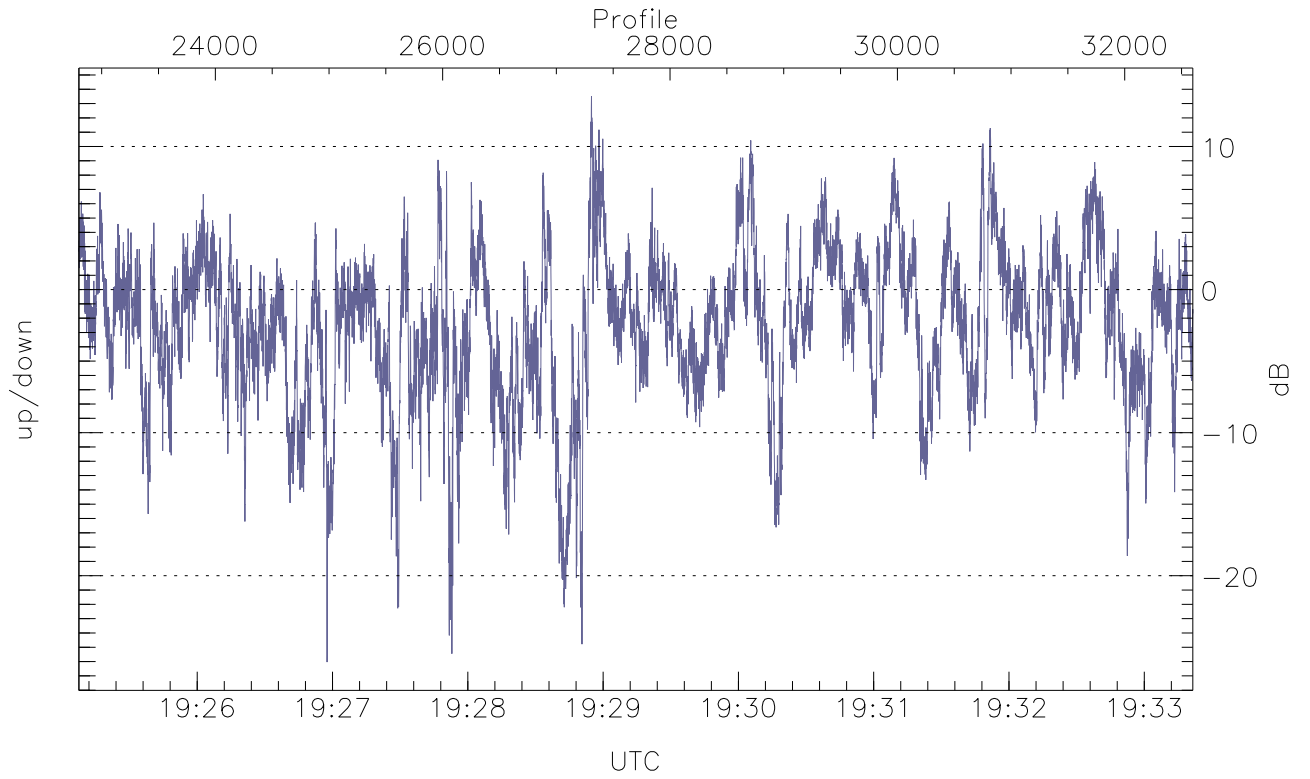


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



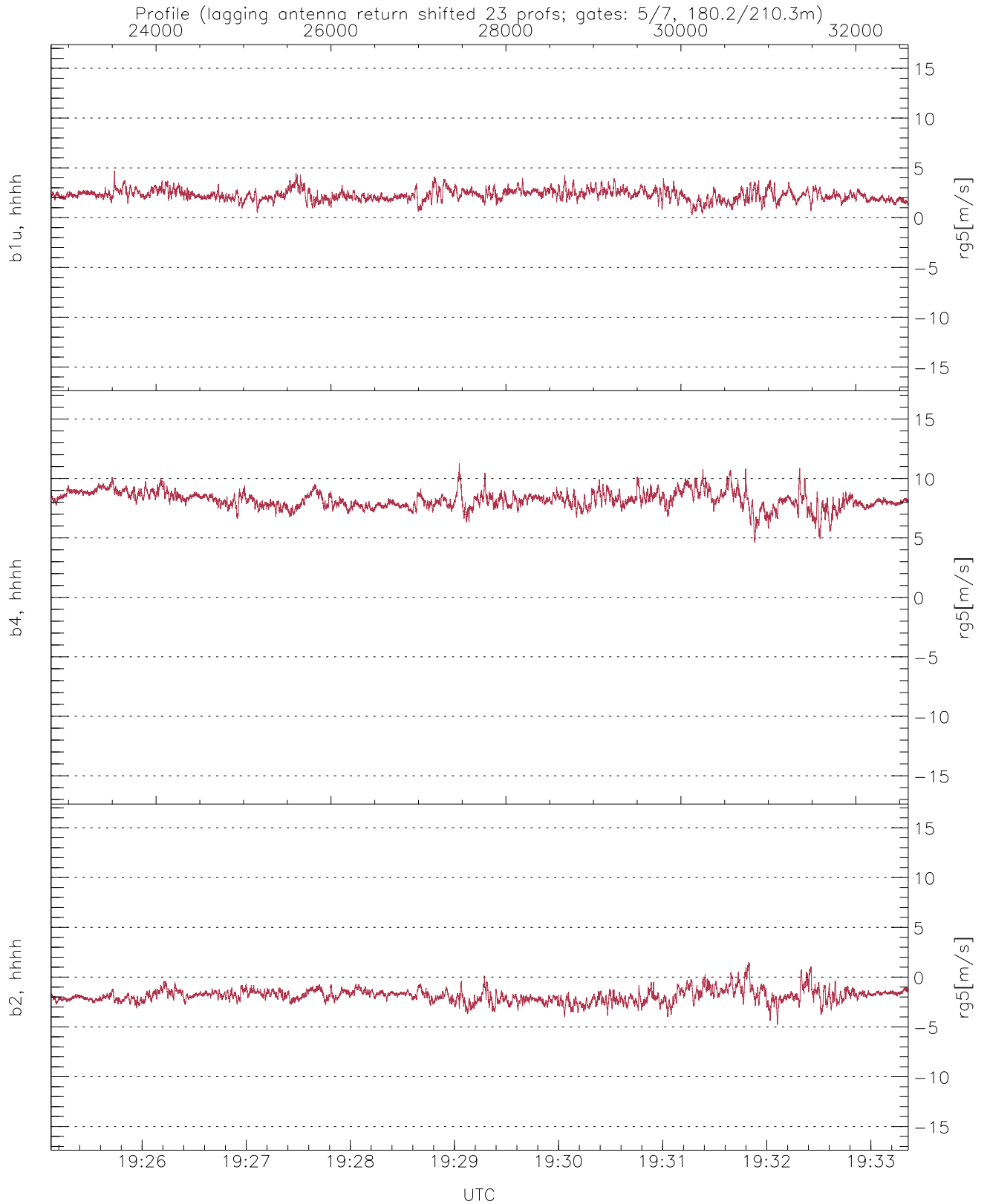
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-49.70	-3.97	-17.81
down-fore(hh[dBm])	-46.14	-10.31	-21.93
down(hh[dBm])	-42.64	-6.22	-17.12



WCR2 Beam pairs Received Power Ratio(s); RangeGate: 5 (180 m)

	Min	Max	Mean
up/down (dB)	-26.03	13.51	-2.56
down/down-fore (dB)	-10.11	18.81	6.55



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	0.27	4.71	2.27	0.56
b4, hhhh(rg5[m/s])	4.62	11.27	8.19	0.72
b2, hhhh(rg5[m/s])	-4.77	1.53	-1.87	0.65