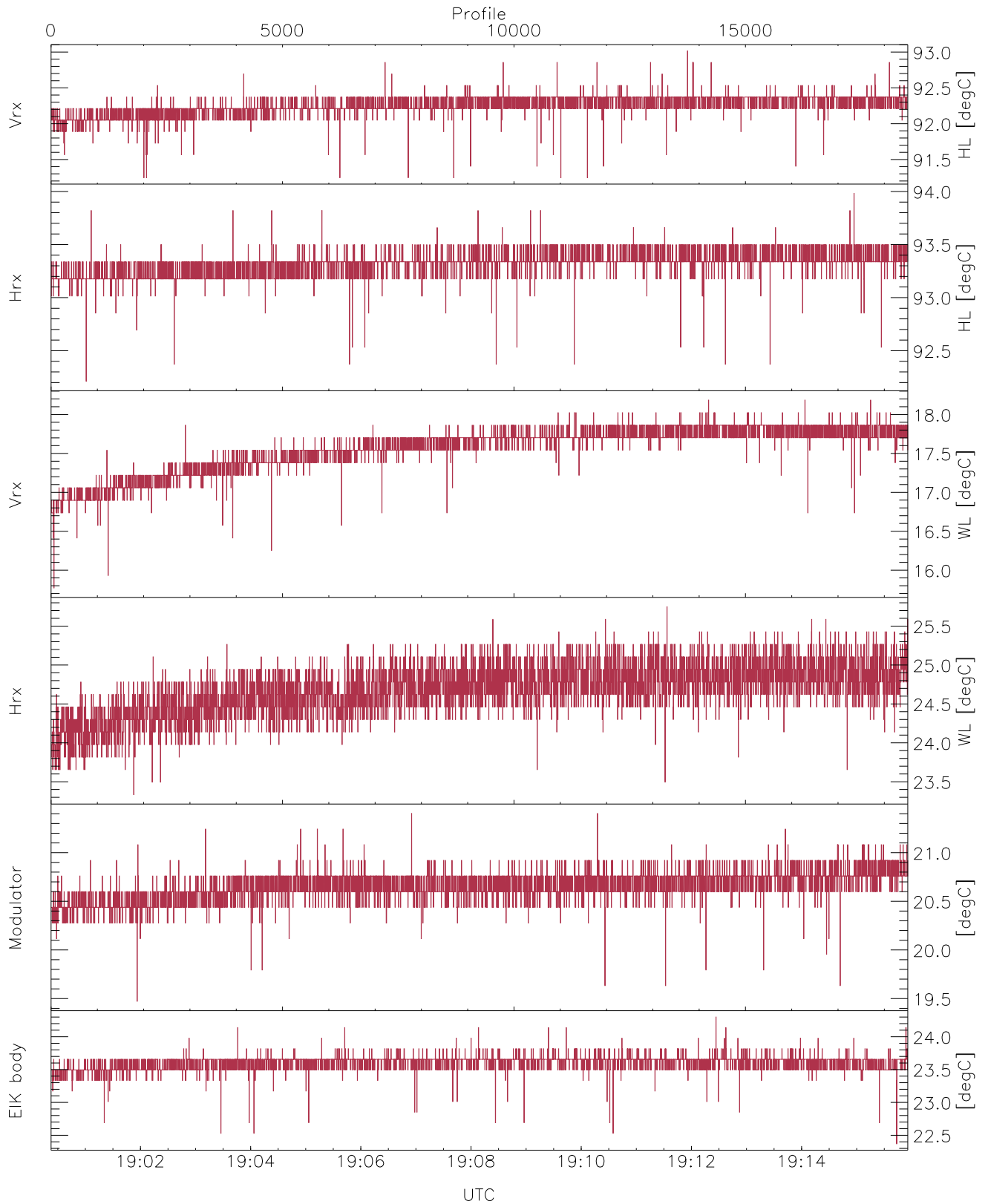


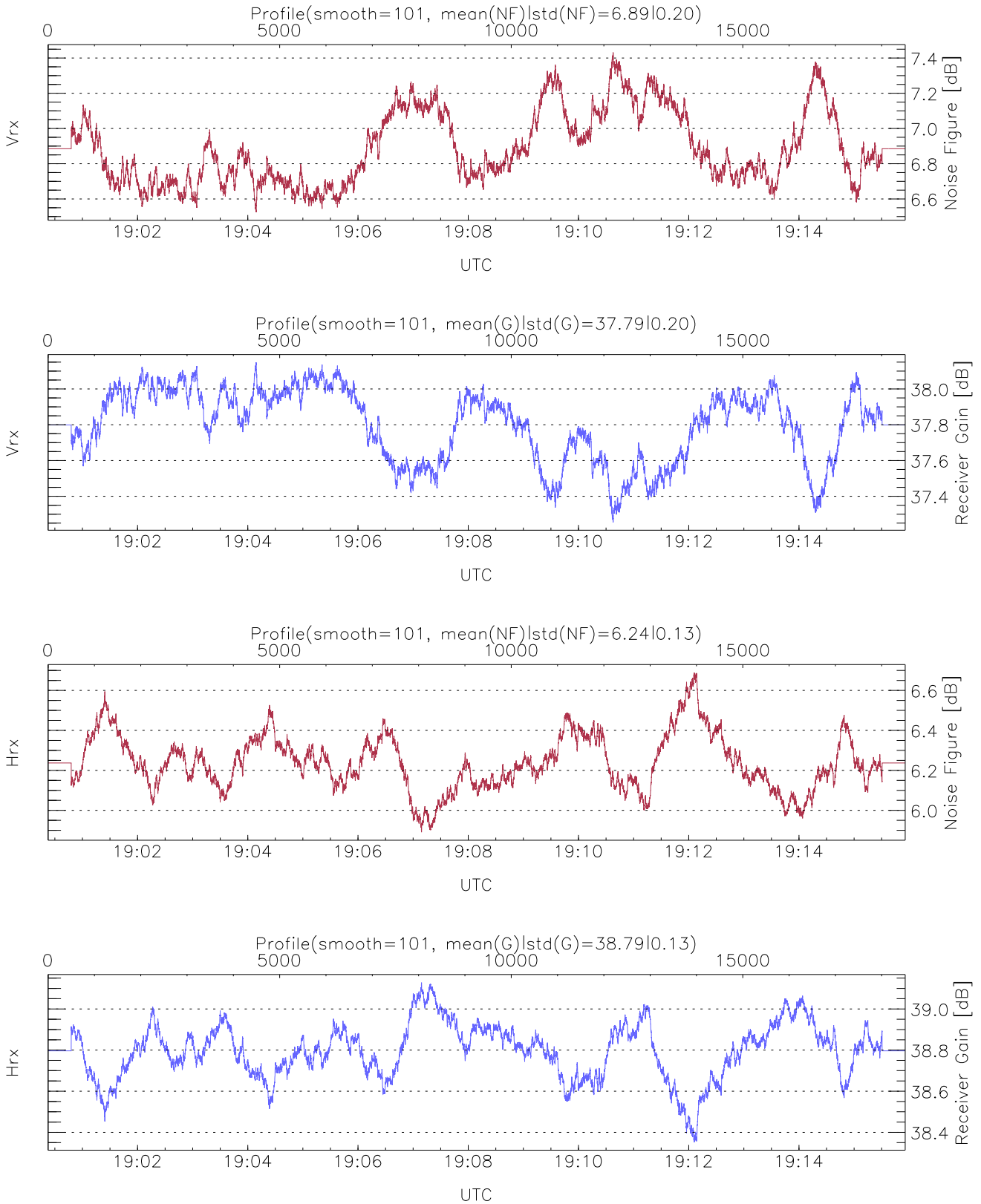
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 19:00:23-19:15:56, Dur: 932.99s  
 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): 18508/18508, 0-18507/19:00:23-19:15:56  
 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,rqs): 105,5271,15.0 m, Gates: 345, Aspect: 3.3  
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



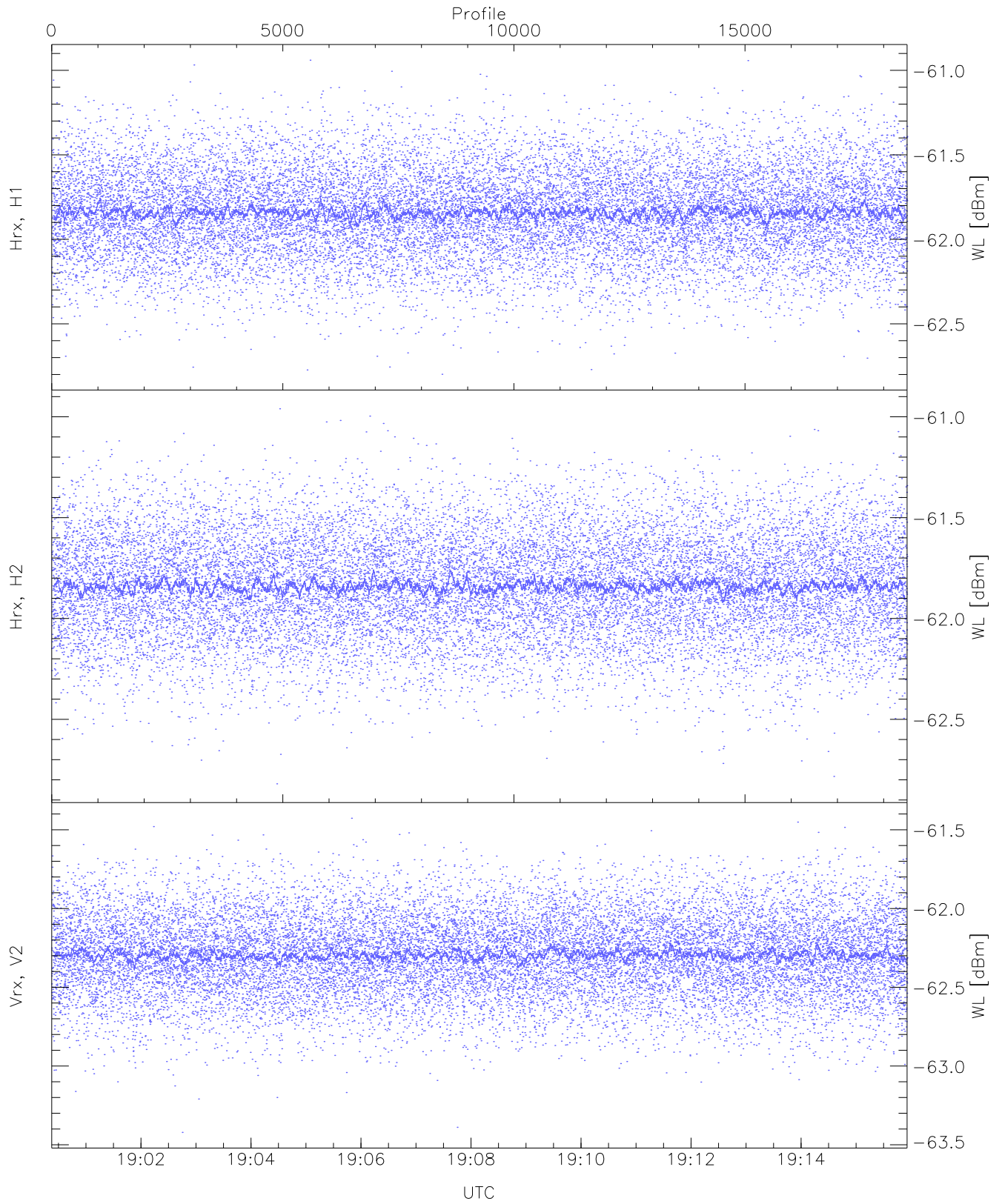
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,15,23,19,22`  
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,93,18,25,21,24`  
`LOalarm(20,80,240,2.8,14.8 MHz): None`  
`EIK Faults(# prof affected):`  
`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (11,11,11,16,11,10)`



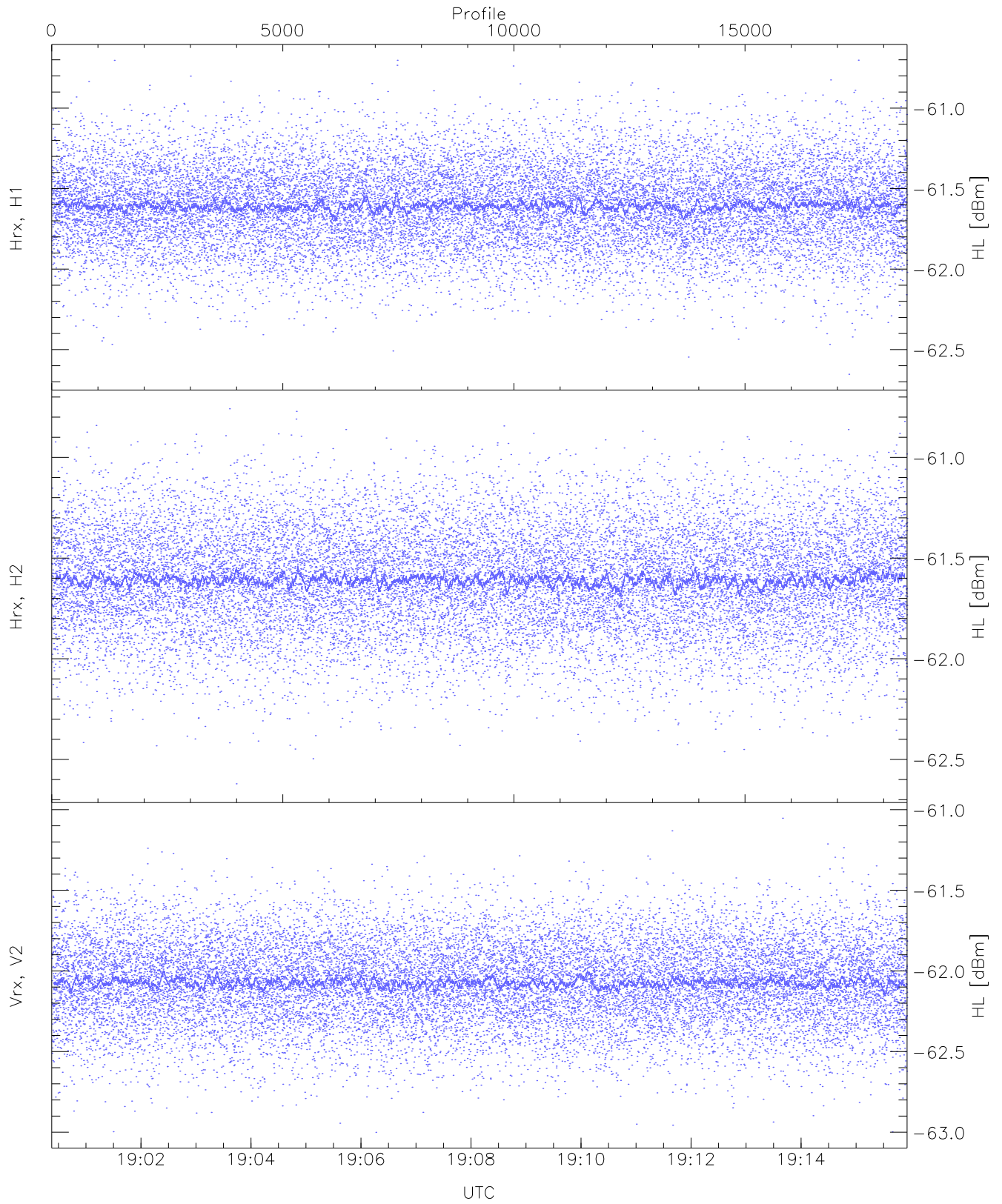
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 685 pixs, 15 gates, 682 profs, 1 prods



WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

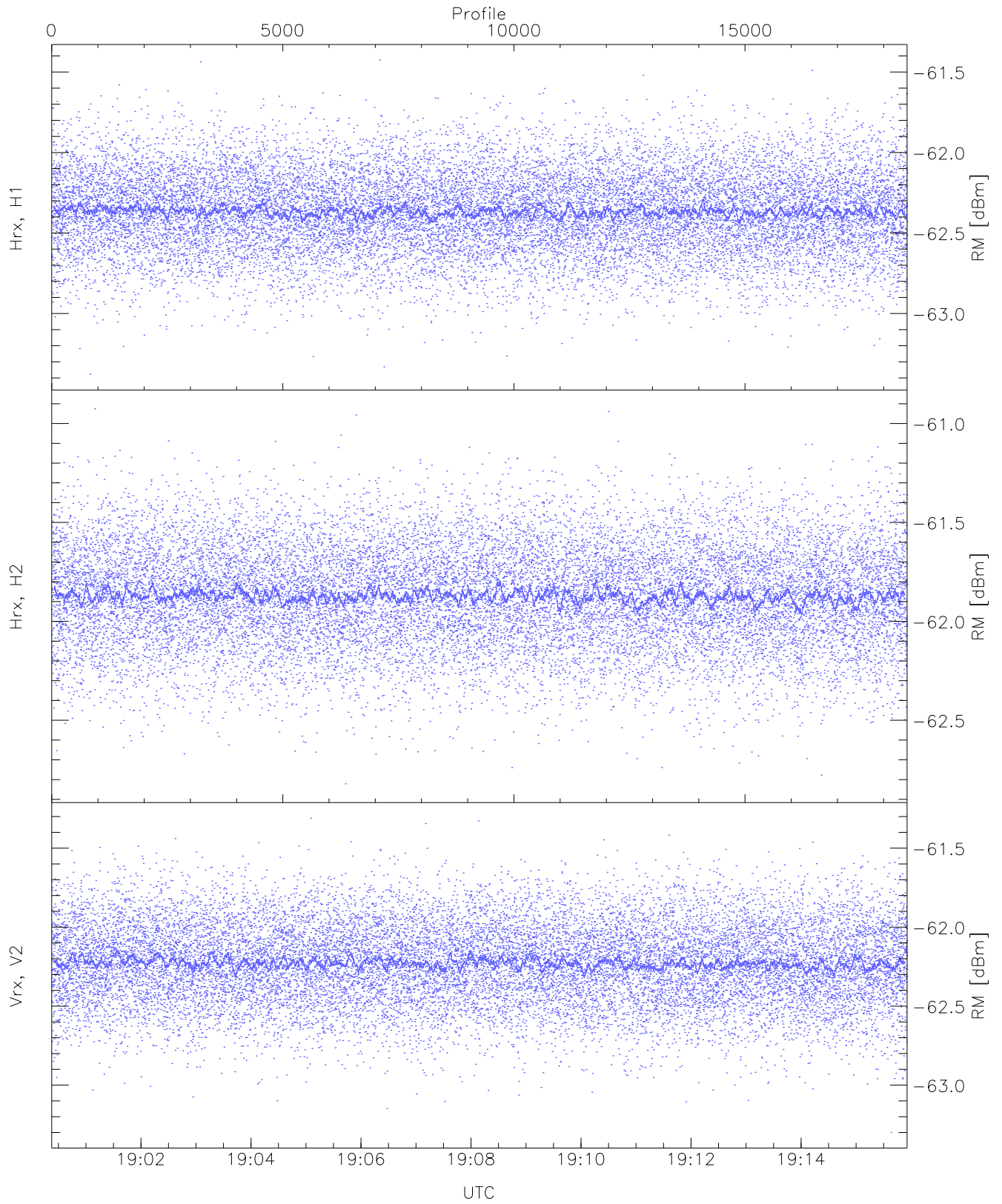
	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.80	-60.94	-61.84	-61.84	-74.38
Hrx, H2(WL [dBm])	-62.82	-60.96	-61.84	-61.84	-74.42
Vrx, V2(WL [dBm])	-63.42	-61.43	-62.29	-62.29	-74.86



WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

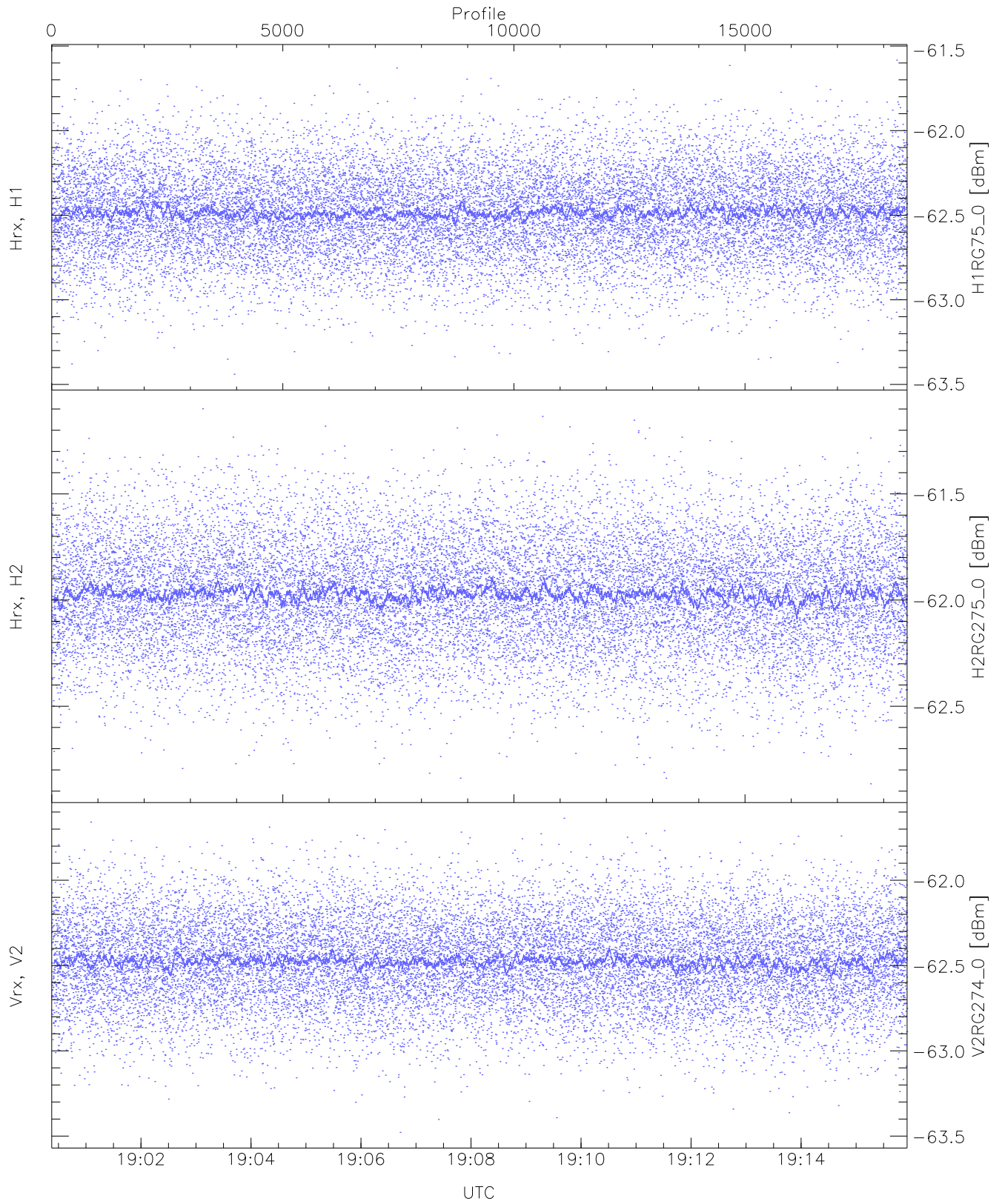
	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.65	-60.70	-61.60	-61.61	-74.17
Hrx, H2 (HL [dBm])	-62.62	-60.76	-61.60	-61.61	-74.16
Vrx, V2 (HL [dBm])	-63.00	-61.05	-62.07	-62.07	-74.63





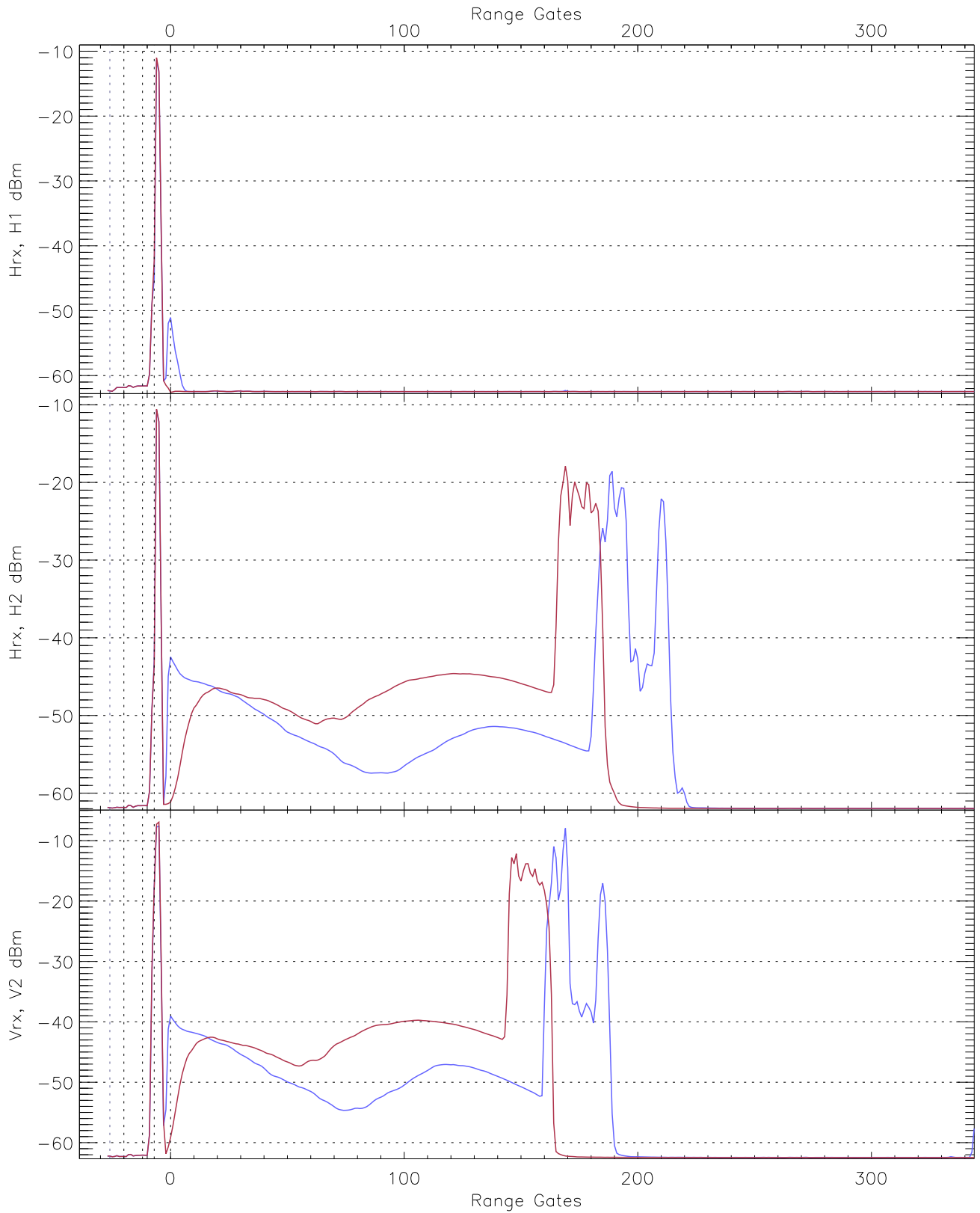
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.38	-61.43	-62.36	-62.37	-74.93
Hrx, H2 (RM [dBm])	-62.82	-60.93	-61.87	-61.87	-74.45
Vrx, V2 (RM [dBm])	-63.30	-61.31	-62.22	-62.23	-74.75



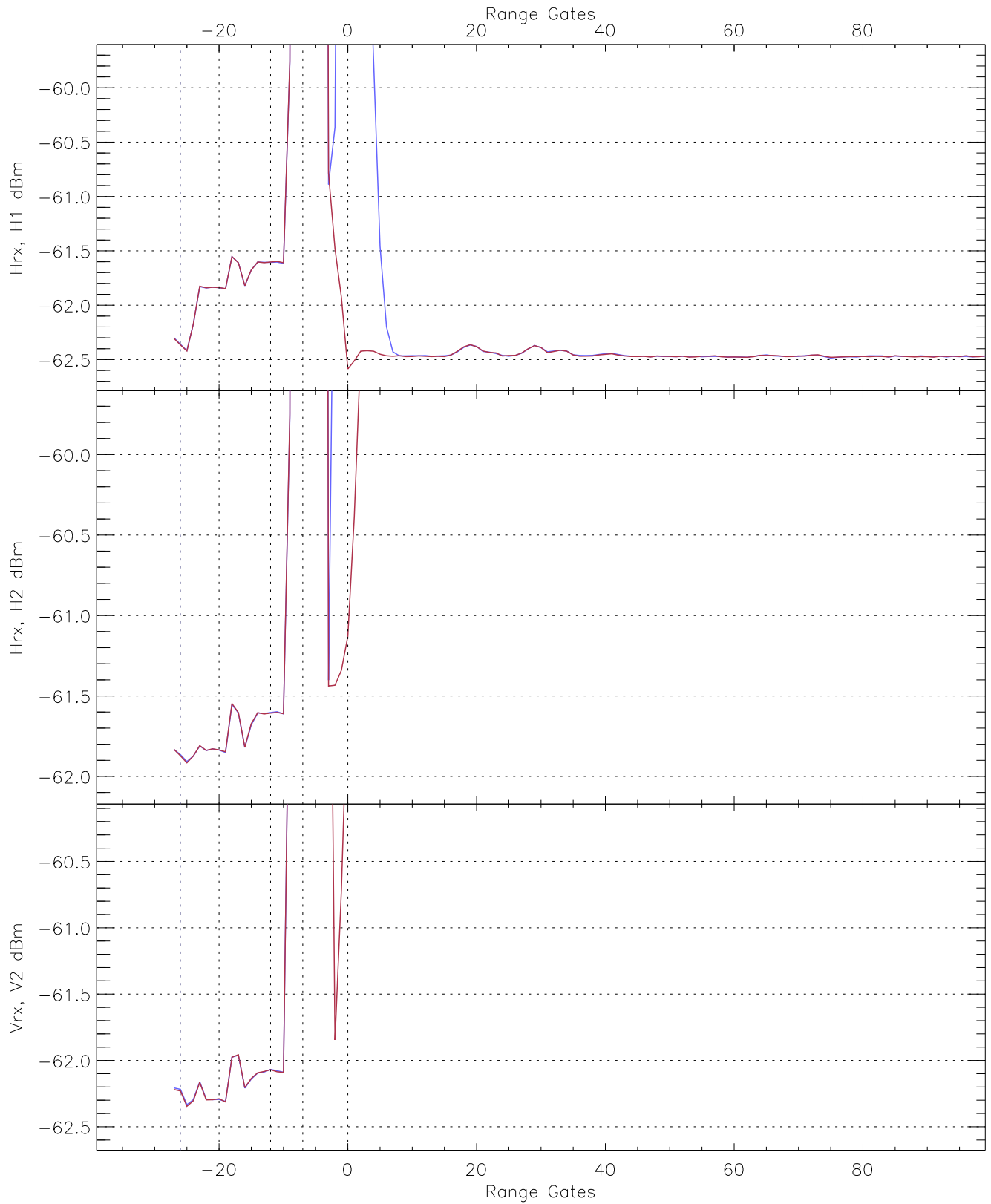
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG75_0 [dBm]	-63.44	-61.58	-62.48	-62.49	-75.05
H2RG275_0 [dBm]	-62.87	-61.10	-61.97	-61.97	-74.55
V2RG274_0 [dBm]	-63.48	-61.64	-62.47	-62.48	-75.04

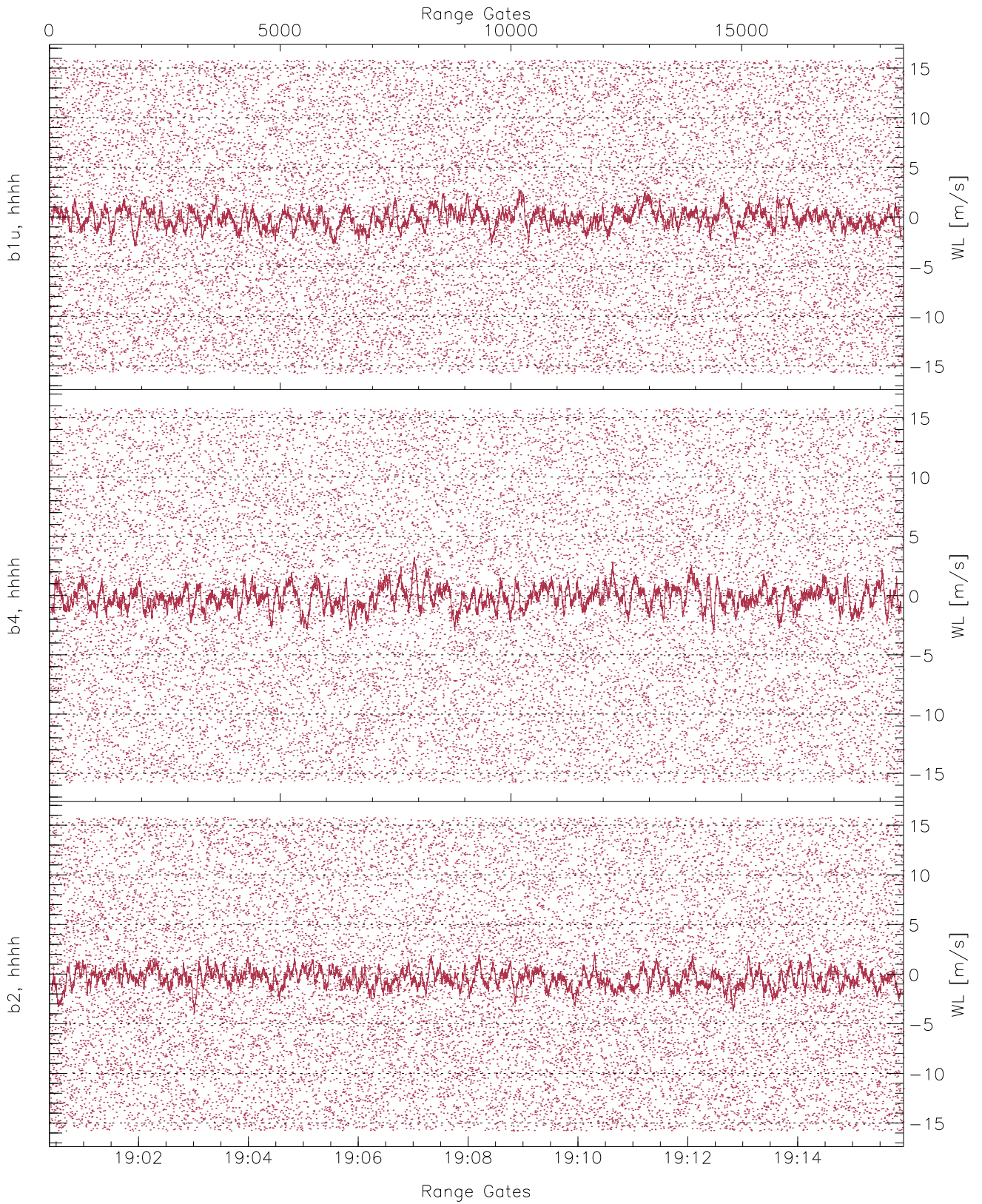


WCR2 CPP Averaged Received power for all recorded gates  
blue: 190023-190809, 9255 profiles averaged  
red: 190809-191556, 9254 profiles averaged

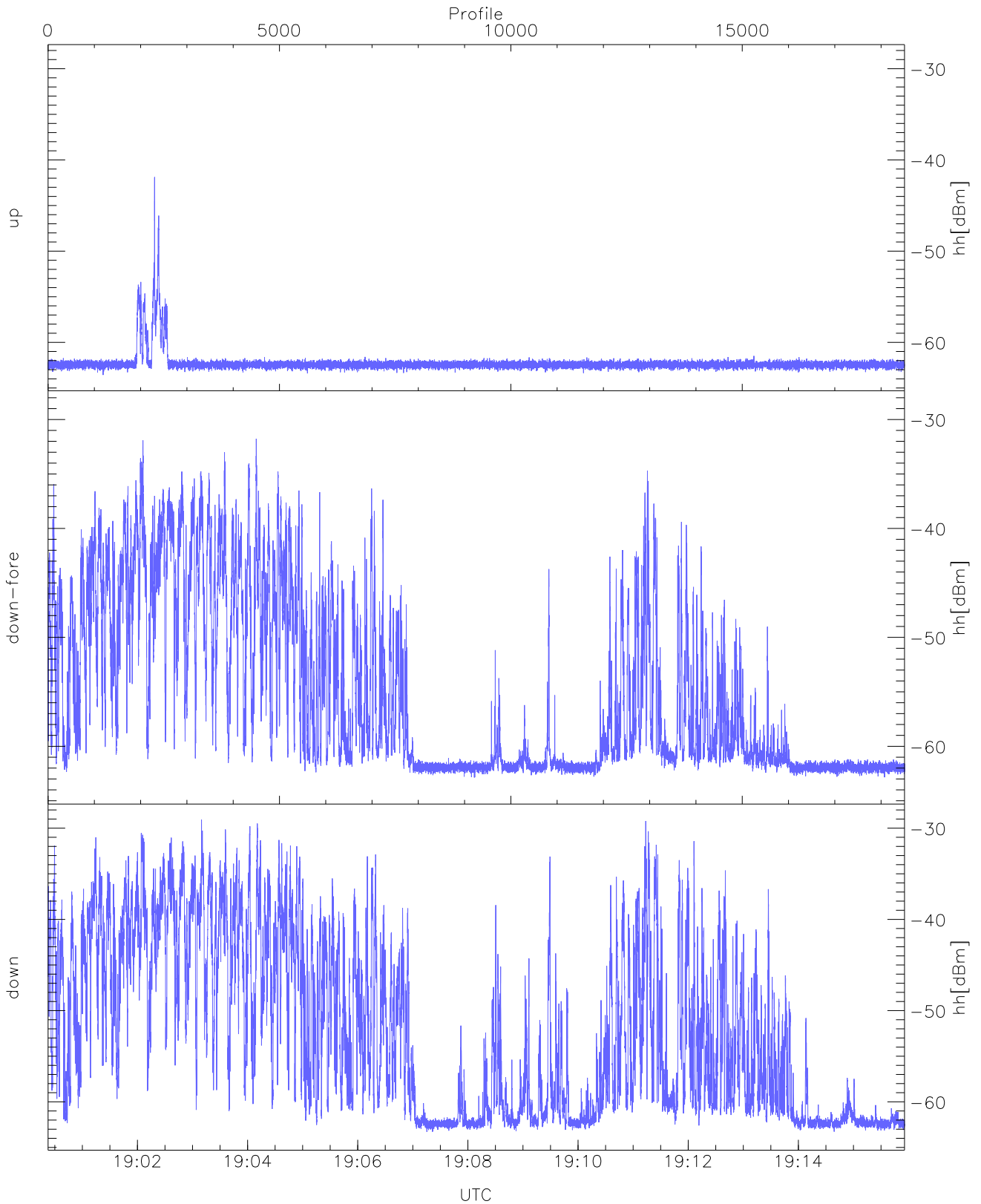




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 190023-190809, 9255 profiles averaged  
red: 190809-191556, 9254 profiles averaged

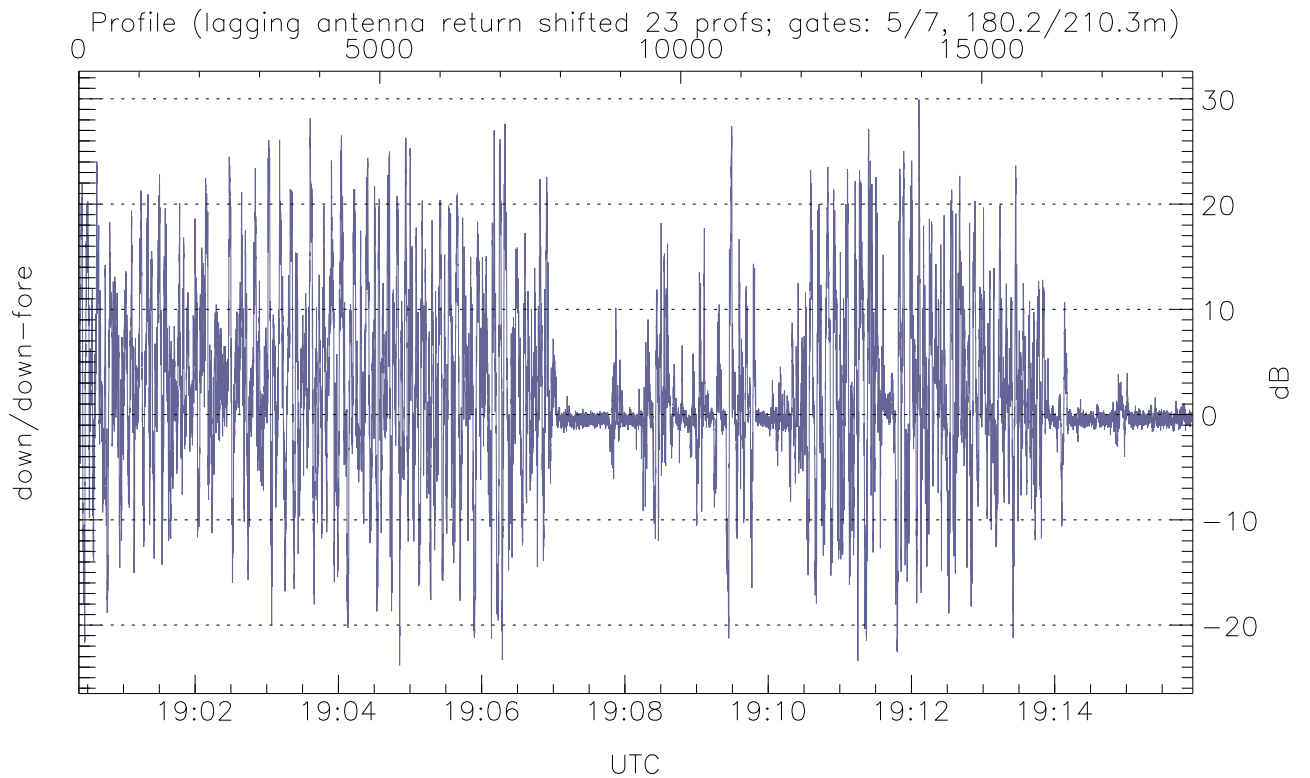
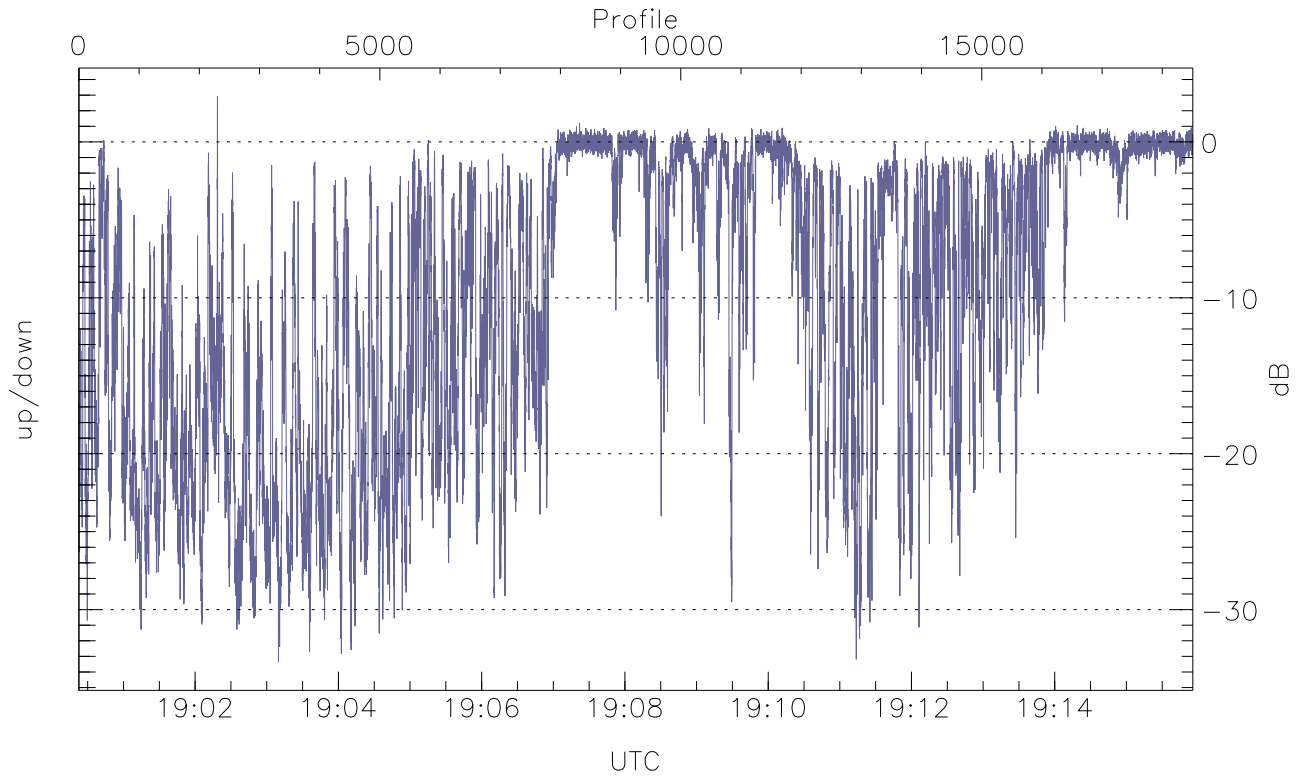


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



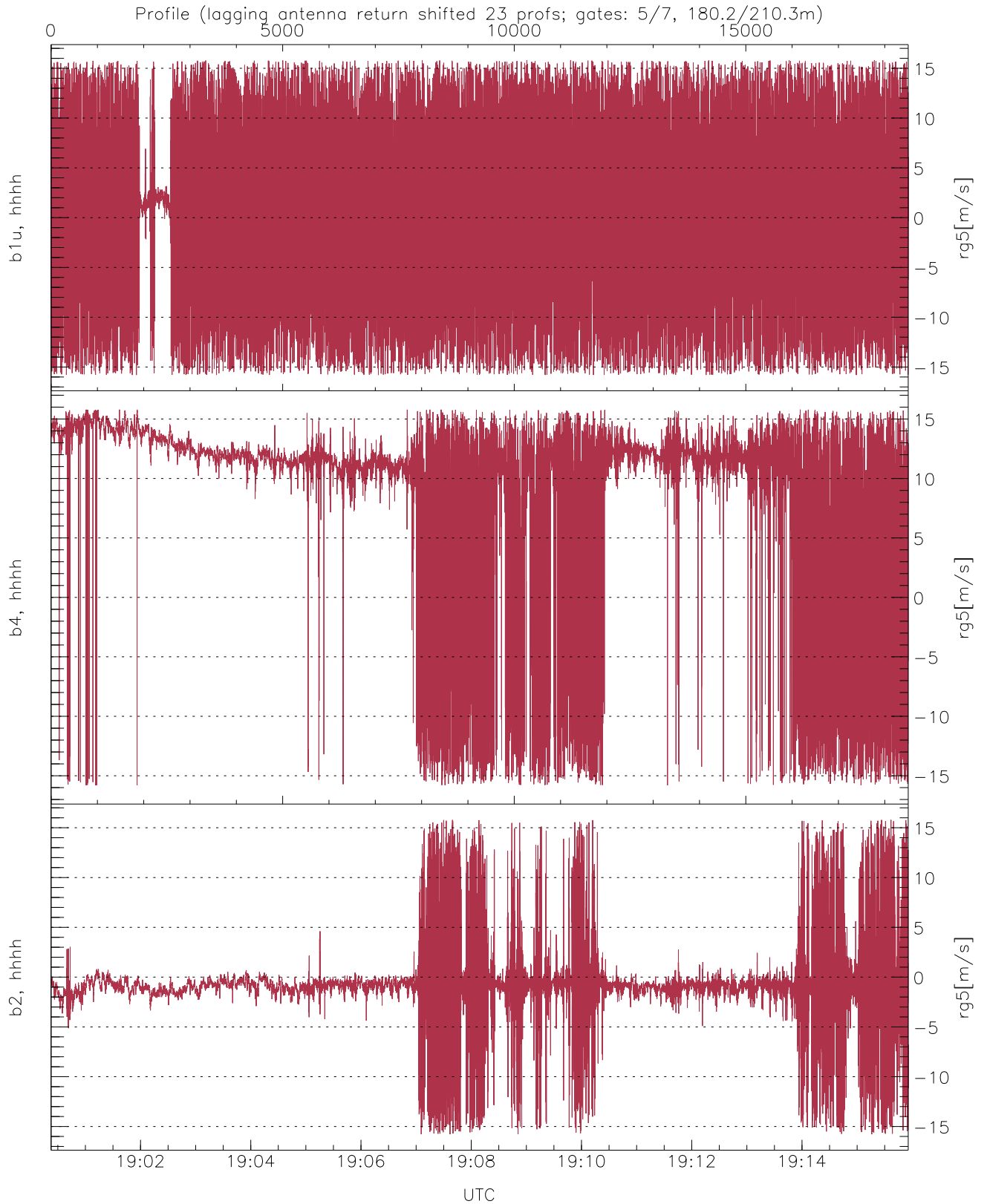
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.58	-41.88	-61.93
down-fore(hh[dBm])	-62.87	-31.76	-47.48
down(hh[dBm])	-63.30	-29.08	-43.51



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

	Min	Max	Mean
up/down (dB)	-33.37	2.92	-9.62
down/down-fore (dB)	-23.82	29.94	1.93



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.80	-0.15	8.84
b4, hhhh(rg5[m/s])	-15.80	15.80	8.09	7.98
b2, hhhh(rg5[m/s])	-15.78	15.79	-0.92	3.79