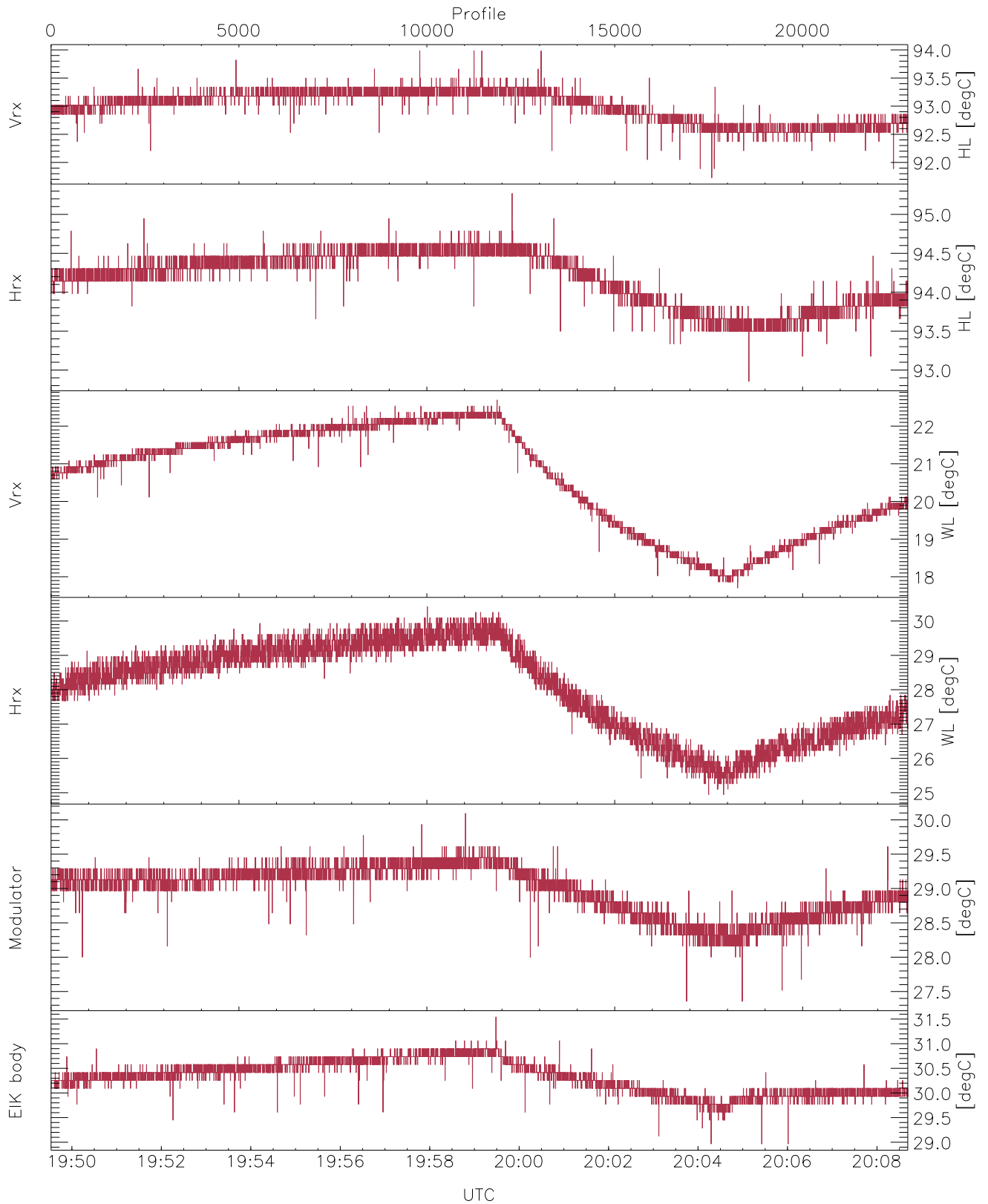


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 19:49:32-20:20:35, Dur: 1862.54s  
 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): 22800/36947, 0-22799/19:49:32-20:08:41  
 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

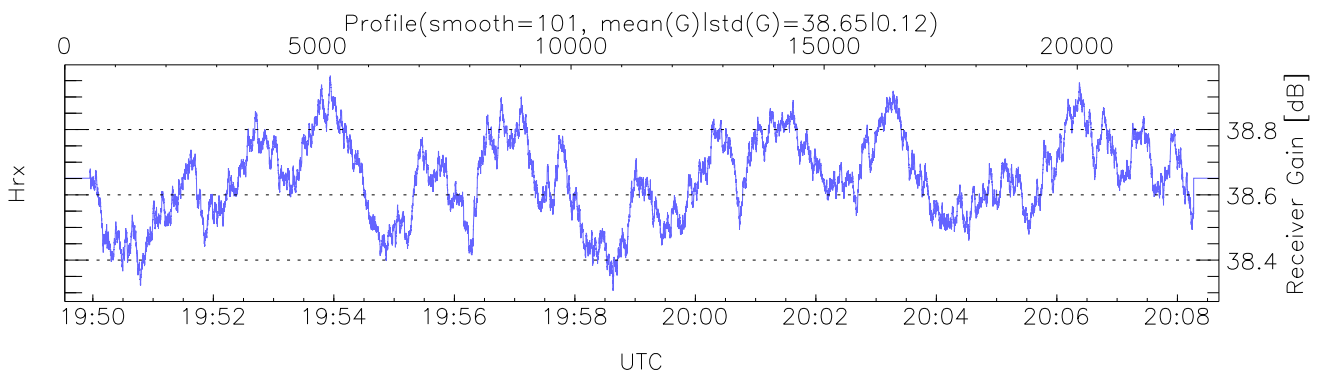
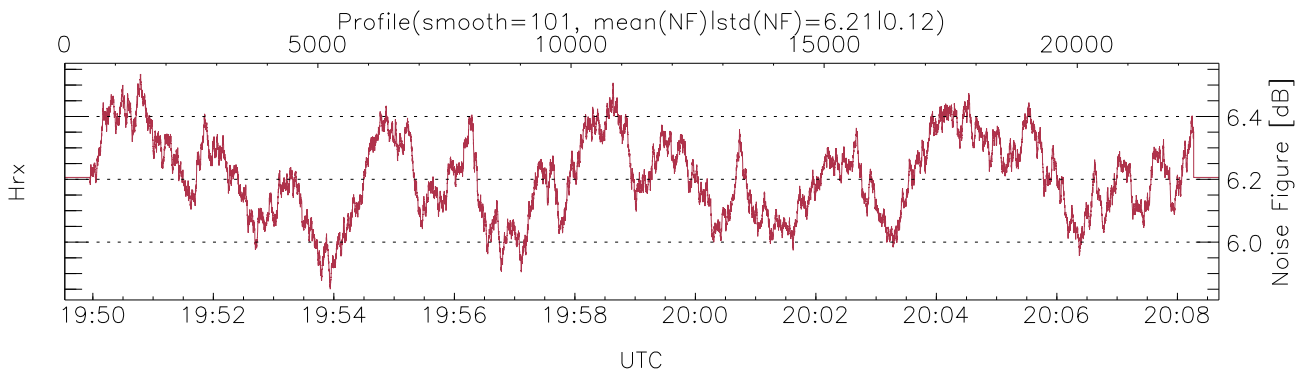
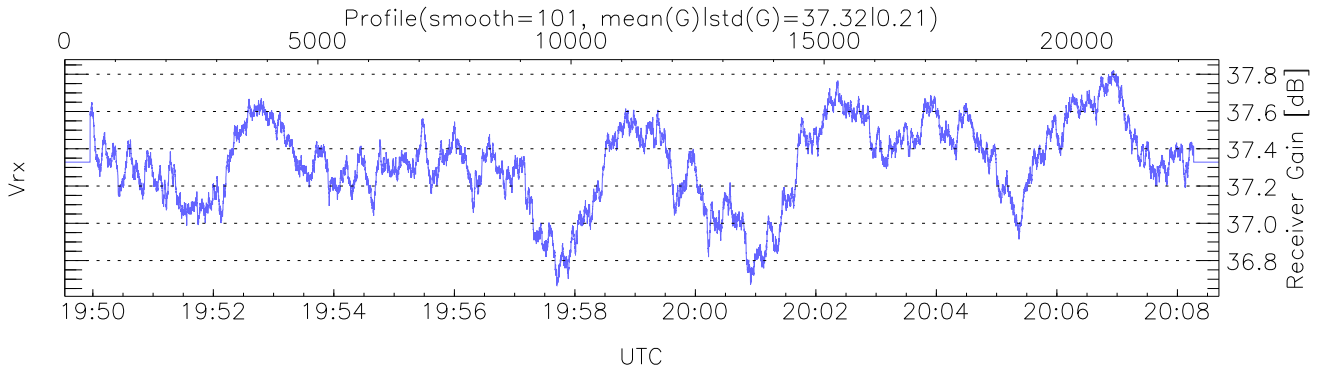
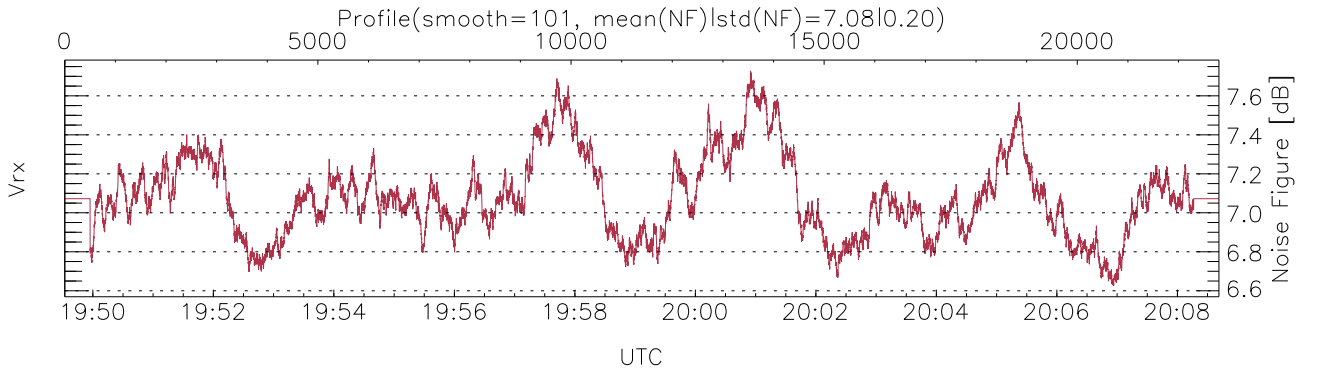
`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,17,24,27,28`

`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,22,30,30,31`

`LOalarm(20,80,240,2.8,14.8 MHz): 5,0,0,0,0`

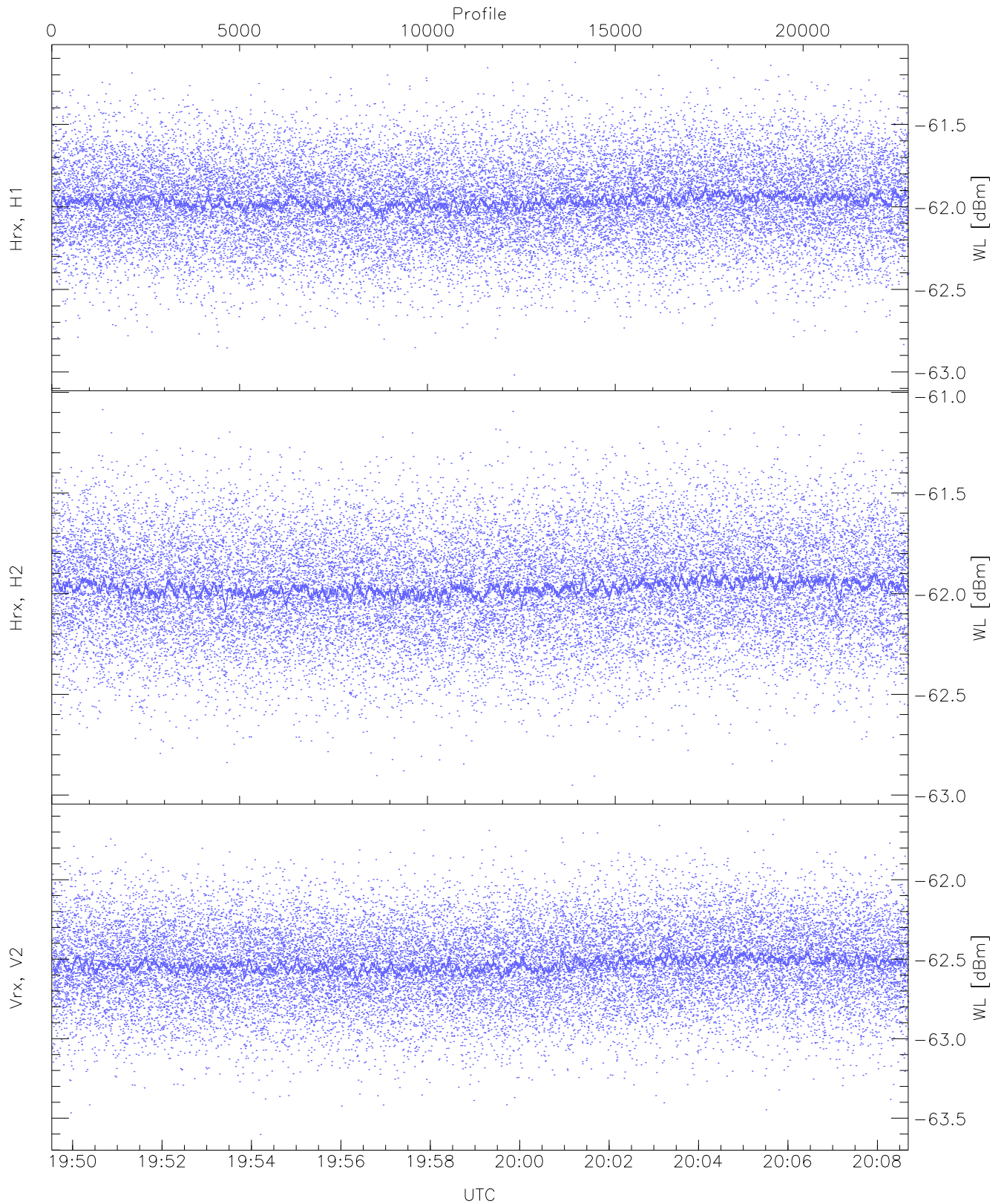
`EIK Faults(# prof affected):`

`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (15,15,20,20,15,5)`



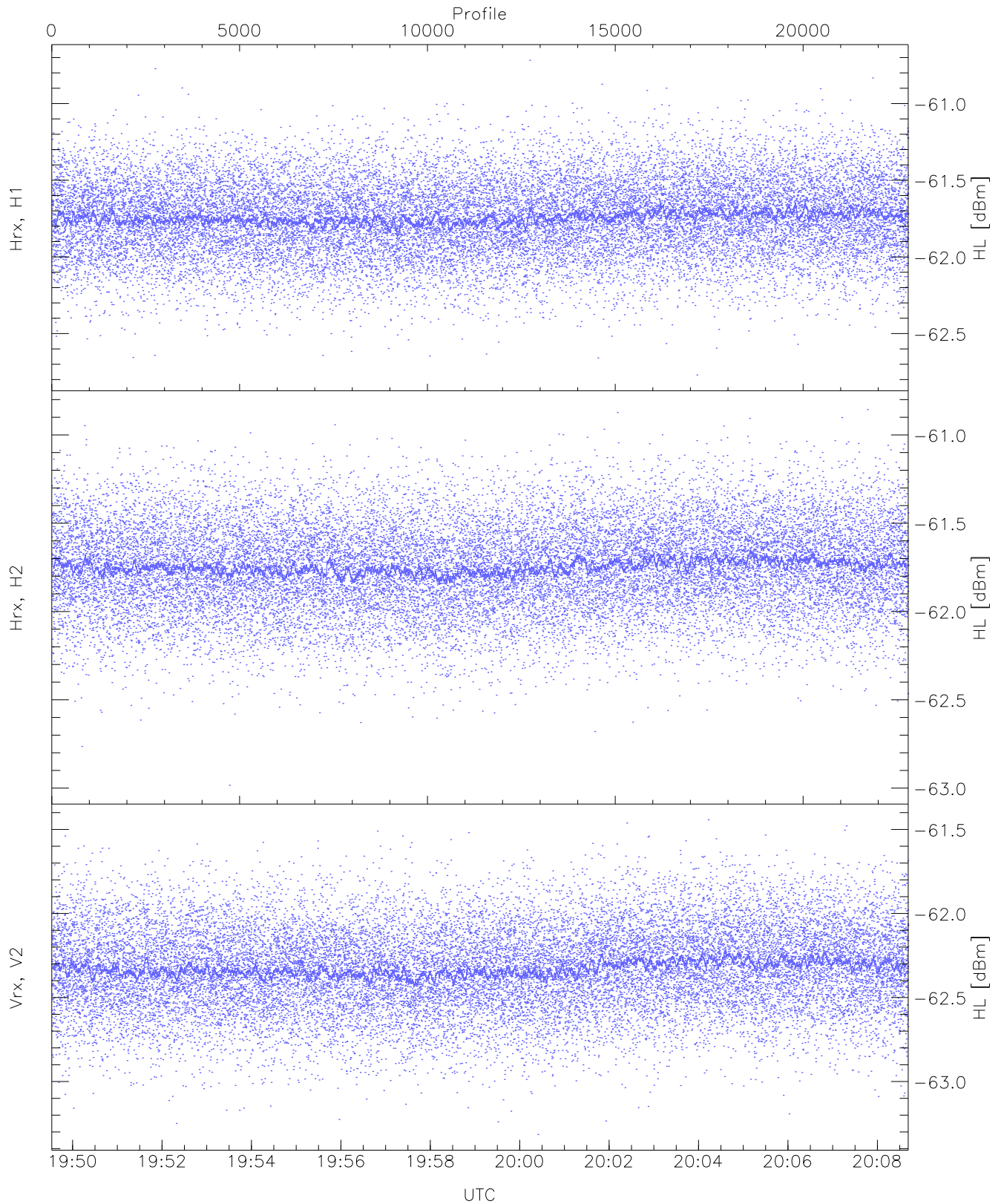
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 8034 pixs, 21 gates, 8007 profs, 2 prods



WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

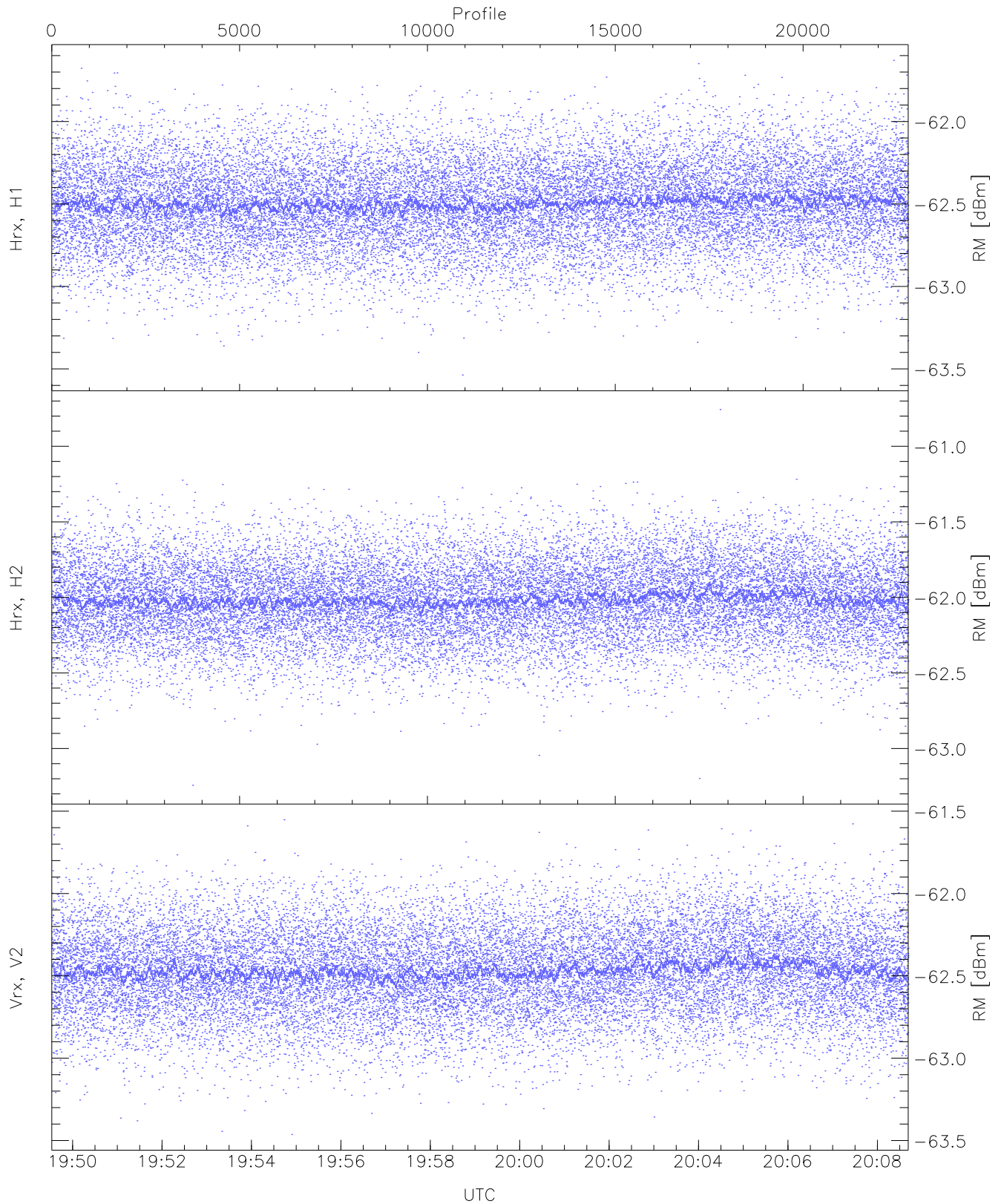
	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-63.02	-61.11	-61.96	-61.97	-74.53
Hrx, H2 (WL [dBm])	-62.95	-61.09	-61.97	-61.97	-74.51
Vrx, V2 (WL [dBm])	-63.60	-61.62	-62.53	-62.53	-75.06



WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

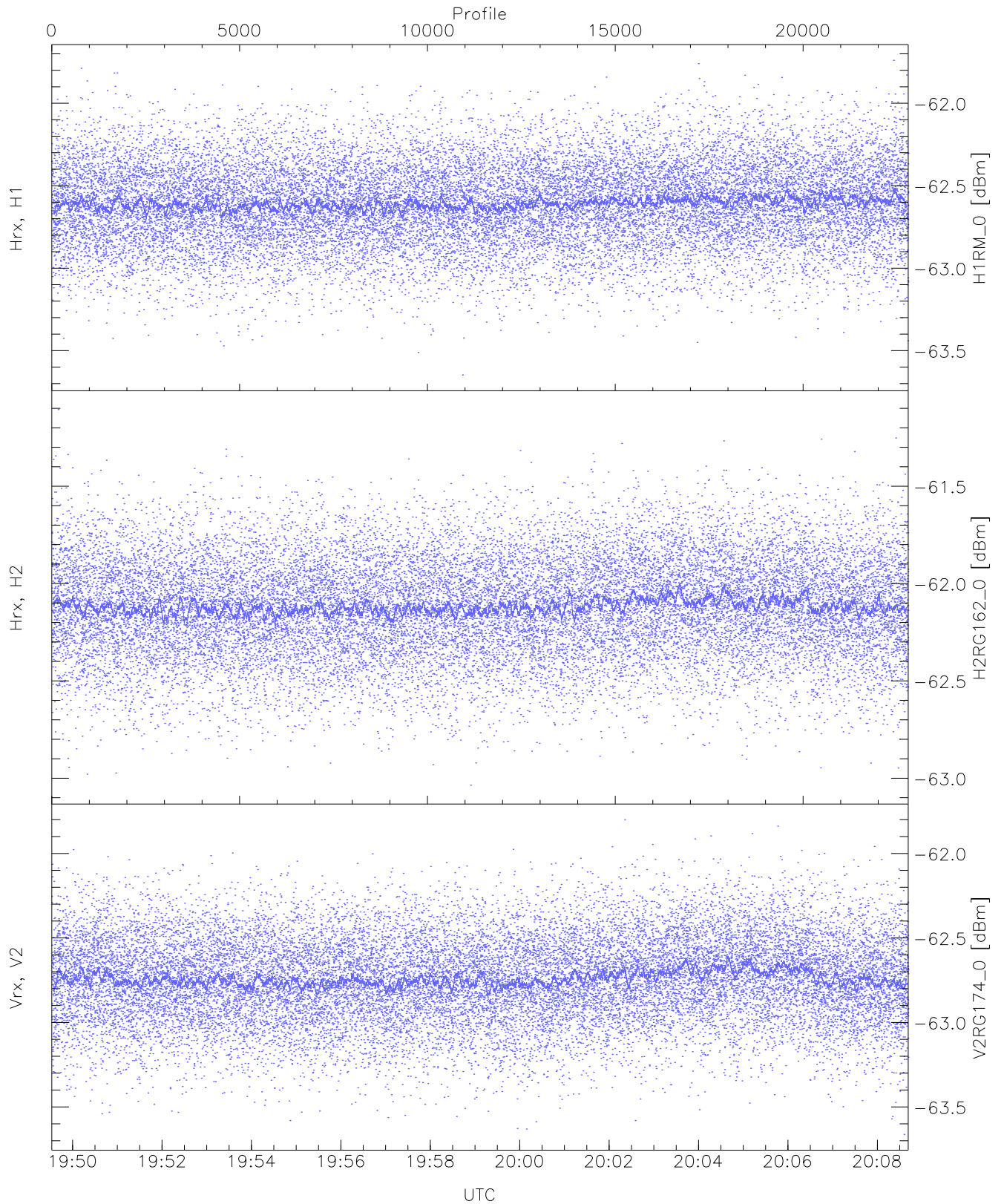
	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.77	-60.72	-61.74	-61.74	-74.30
Hrx, H2 (HL [dBm])	-62.98	-60.86	-61.74	-61.75	-74.32
Vrx, V2 (HL [dBm])	-63.32	-61.44	-62.32	-62.33	-74.87





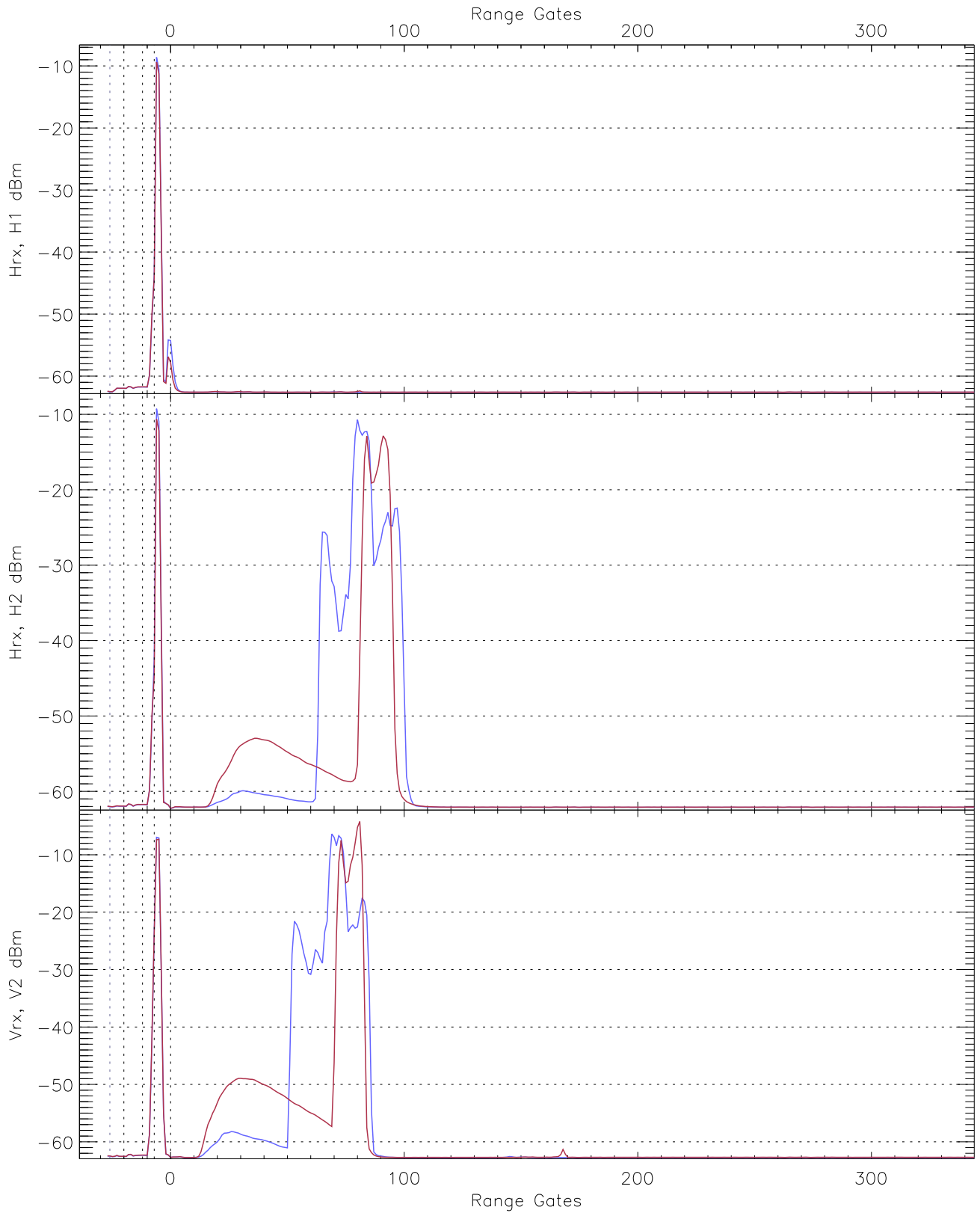
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.54	-61.63	-62.49	-62.50	-75.06
Hrx, H2 (RM [dBm])	-63.24	-60.76	-62.01	-62.02	-74.60
Vrx, V2 (RM [dBm])	-63.46	-61.55	-62.47	-62.47	-74.97



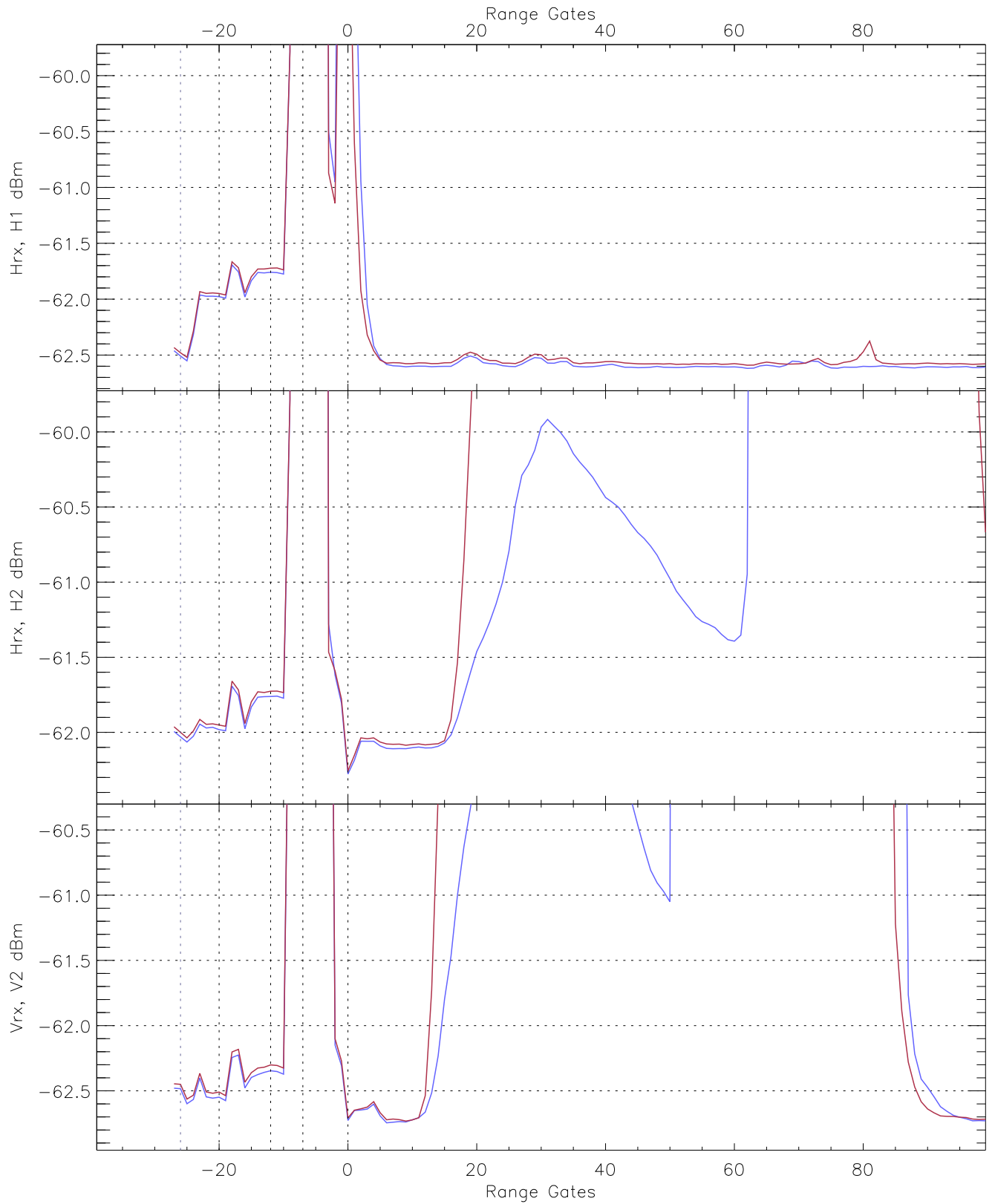
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-63.65	-61.74	-62.61	-62.61	-75.17
H2RG162_0 [dBm]	-63.04	-61.11	-62.11	-62.12	-74.65
V2RG174_0 [dBm]	-63.66	-61.80	-62.74	-62.74	-75.28

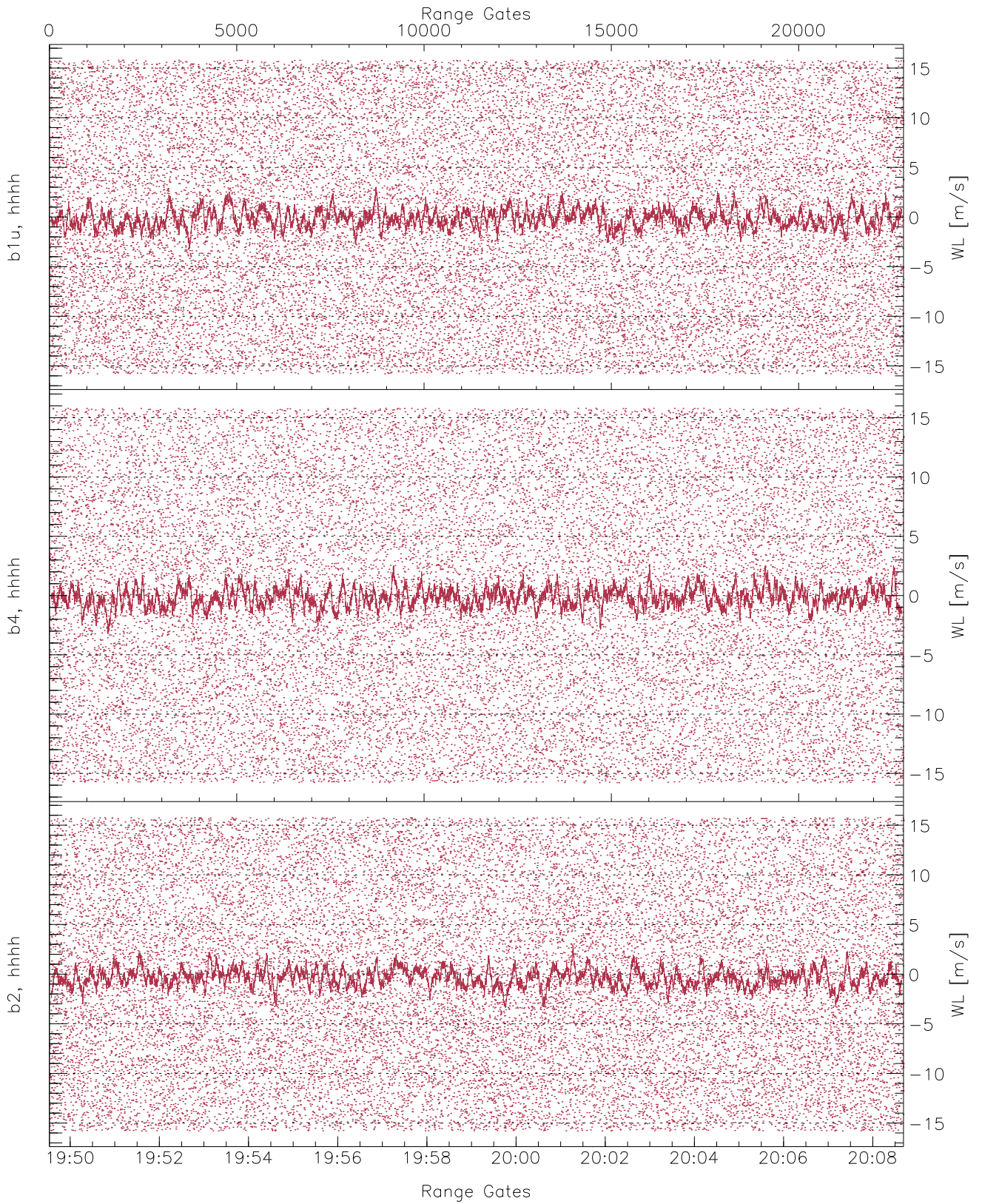


WCR2 CPP Averaged Received power for all recorded gates  
blue: 194932-195907, 11401 profiles averaged  
red: 195907-200841, 11400 profiles averaged

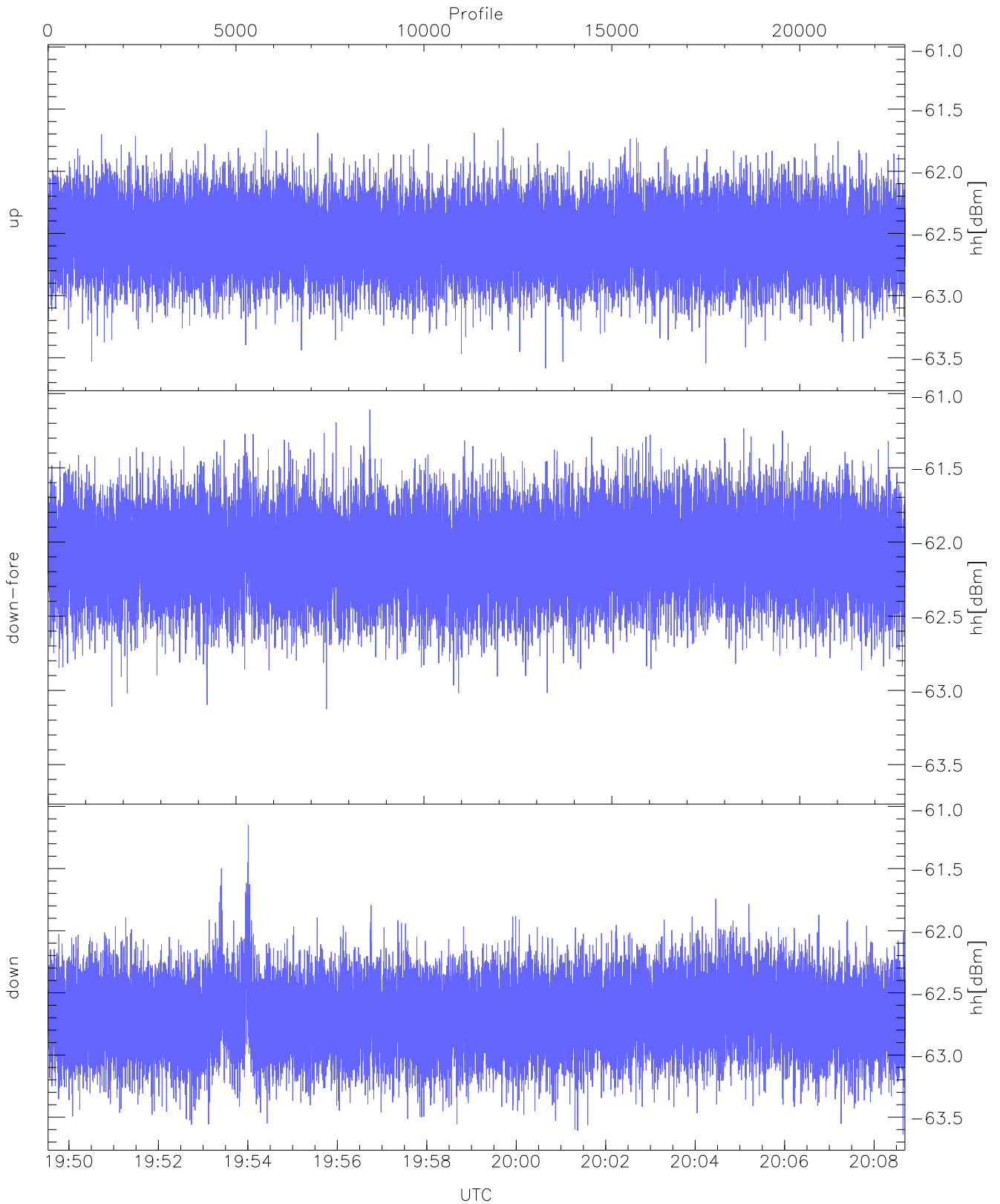




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 194932-195907, 11401 profiles averaged  
red: 195907-200841, 11400 profiles averaged

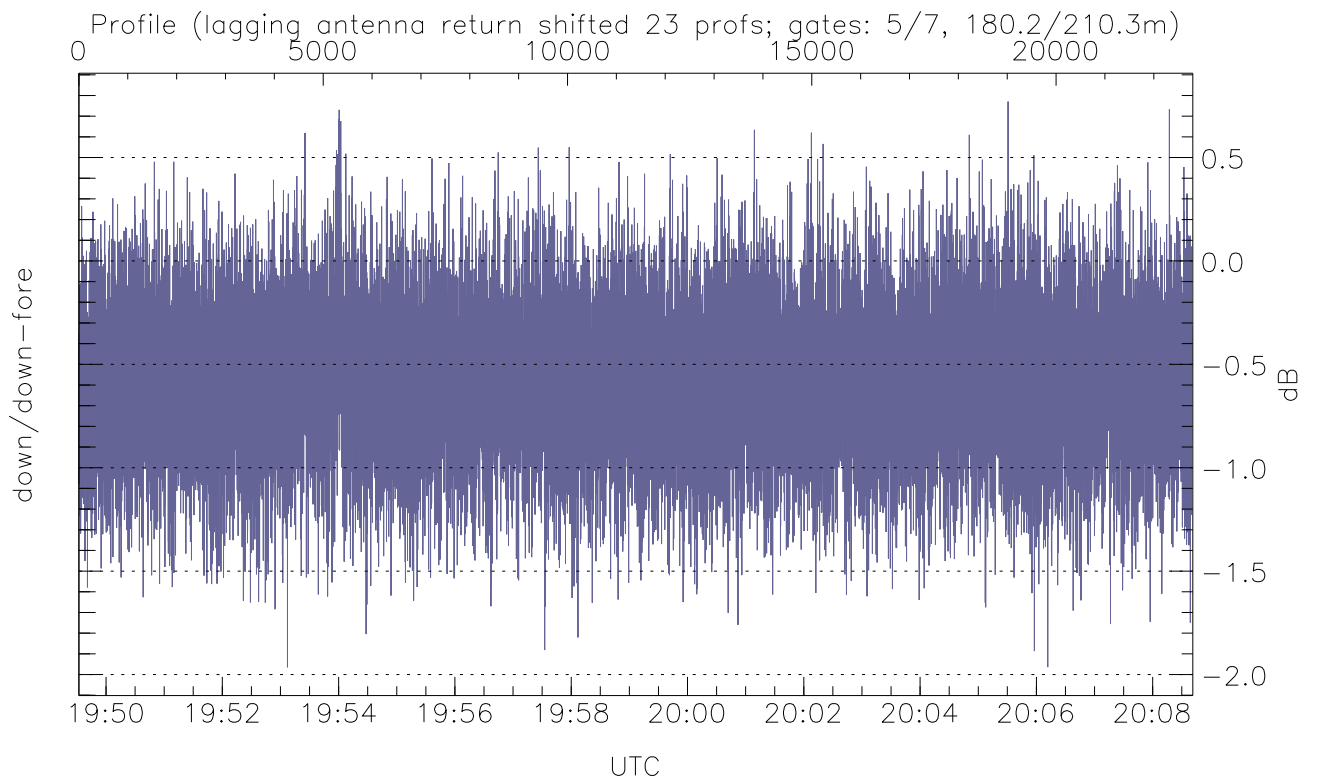
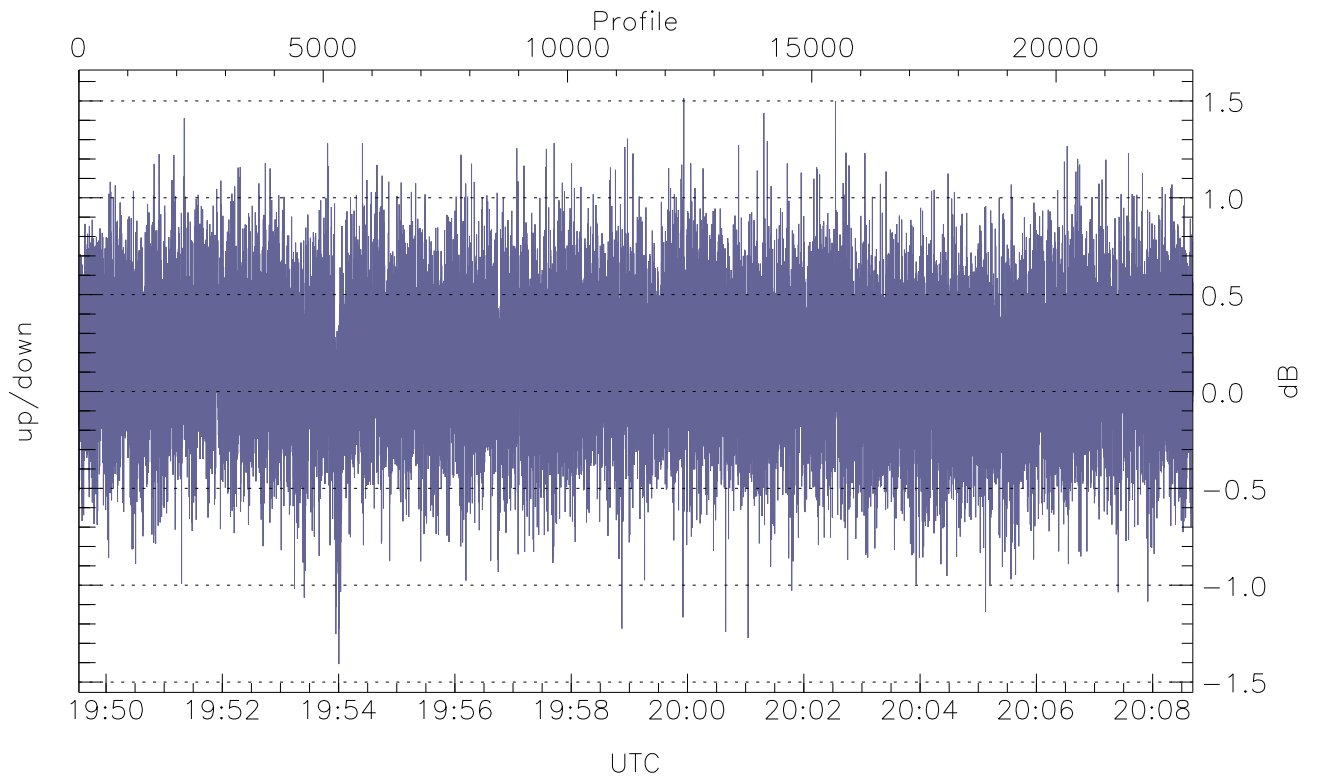


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



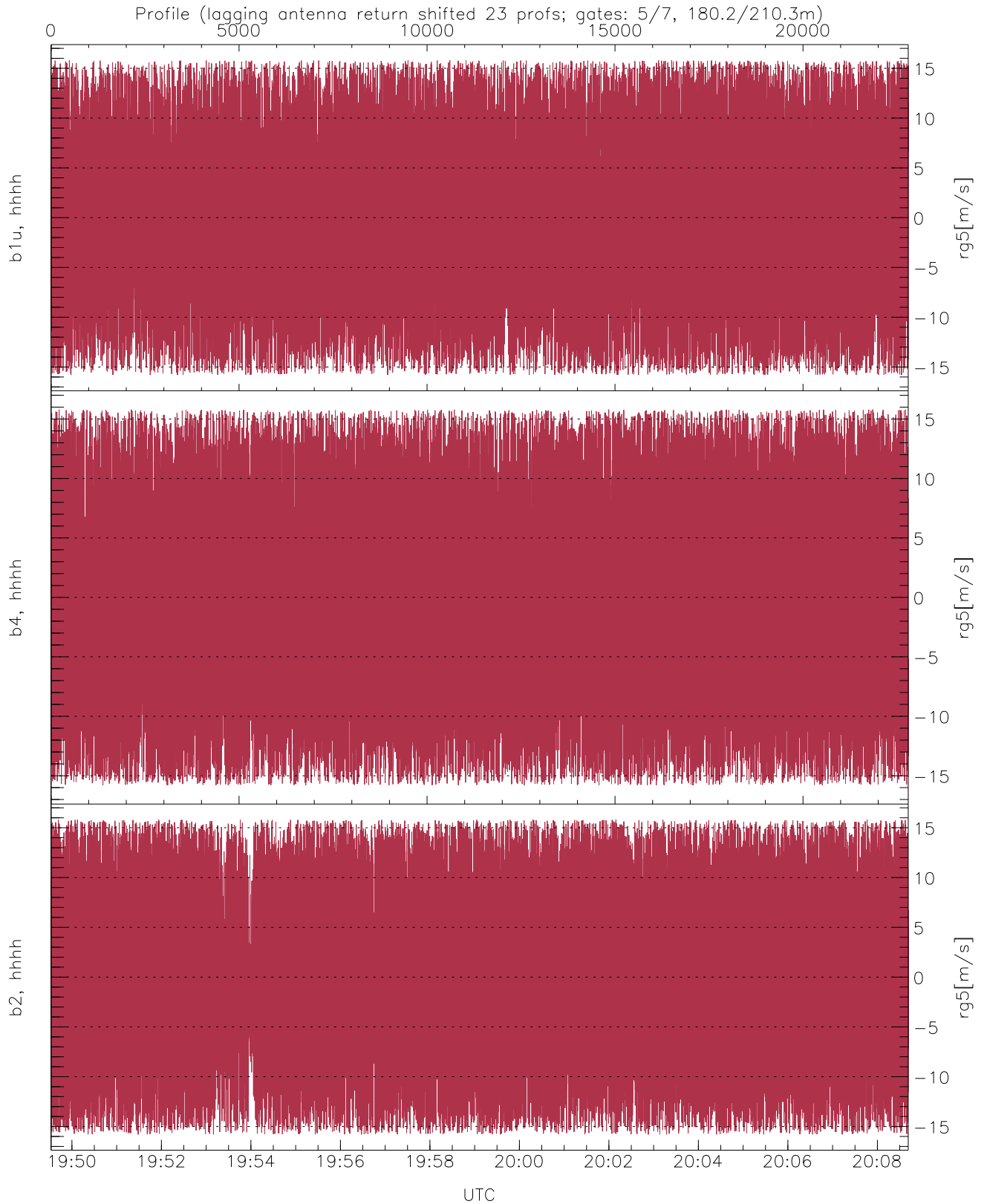
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.59	-61.65	-62.54
down-fore(hh[dBm])	-63.13	-61.11	-62.08
down(hh[dBm])	-63.64	-61.15	-62.68



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

	Min	Max	Mean
up/down (dB)	-1.41	1.51	0.14
down/down-fore (dB)	-1.96	0.77	-0.59



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.80	-0.08	8.58
b4, hhhh(rg5[m/s])	-15.80	15.80	-0.12	8.99
b2, hhhh(rg5[m/s])	-15.80	15.80	-0.37	9.00