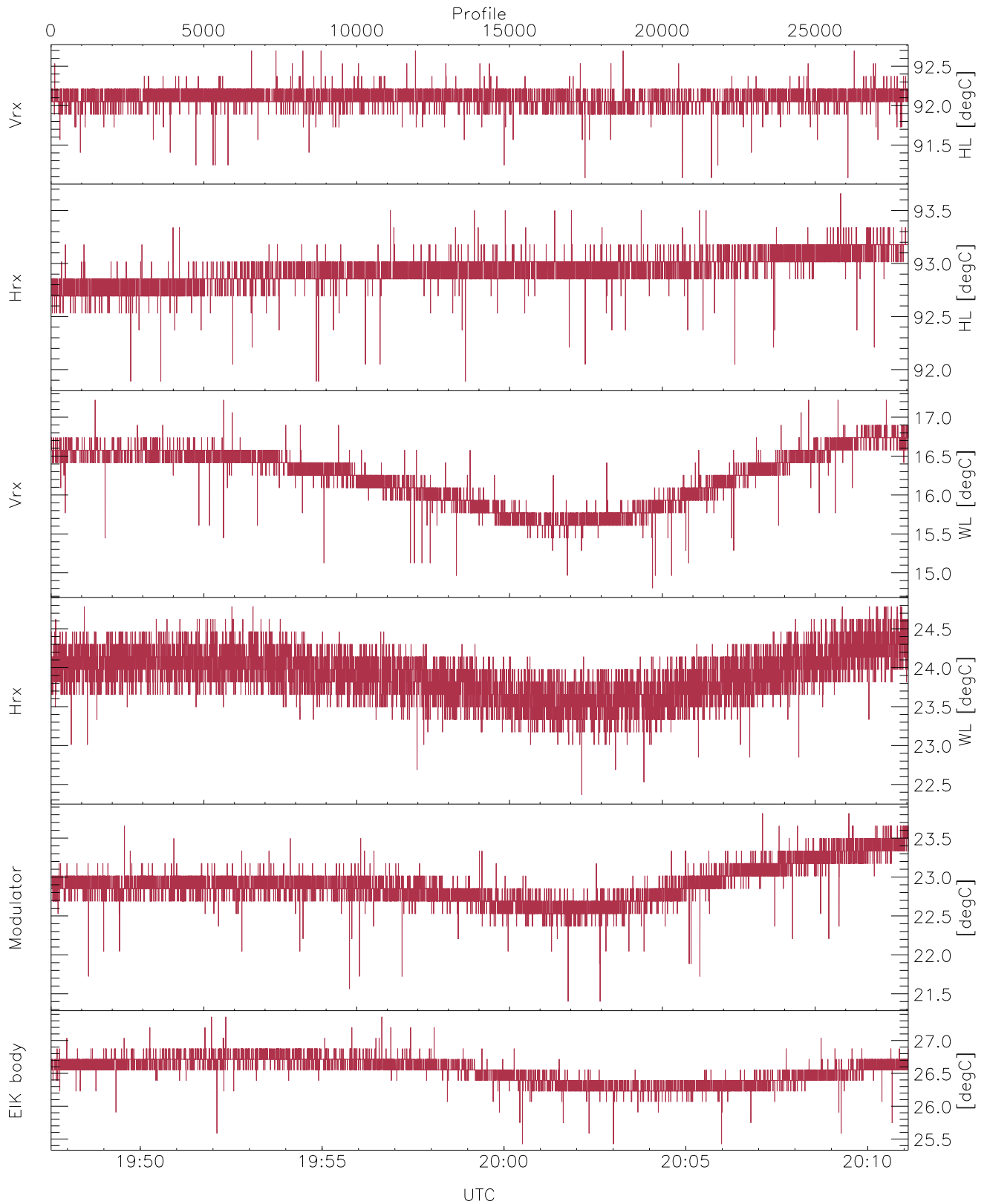


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 19:47:33-20:11:07, Dur: 1413.87s  
 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): 28047/28047, 0-28046/19:47:33-20:11:07  
 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(-910112,3,9x = no mirror|sidelup|error): 91



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

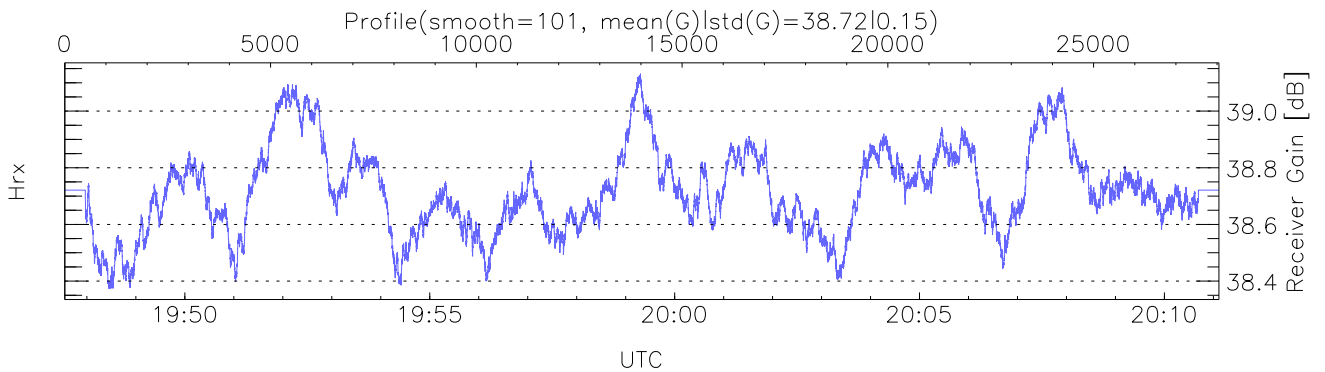
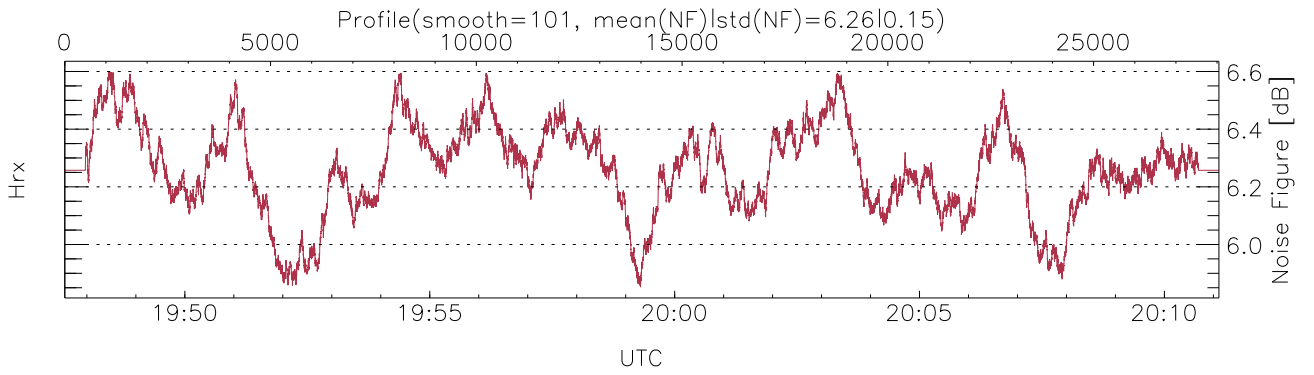
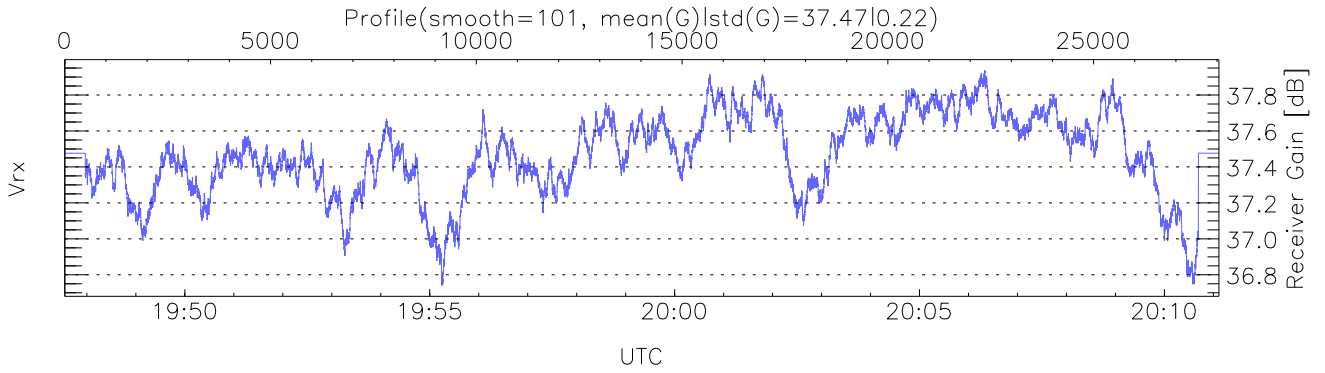
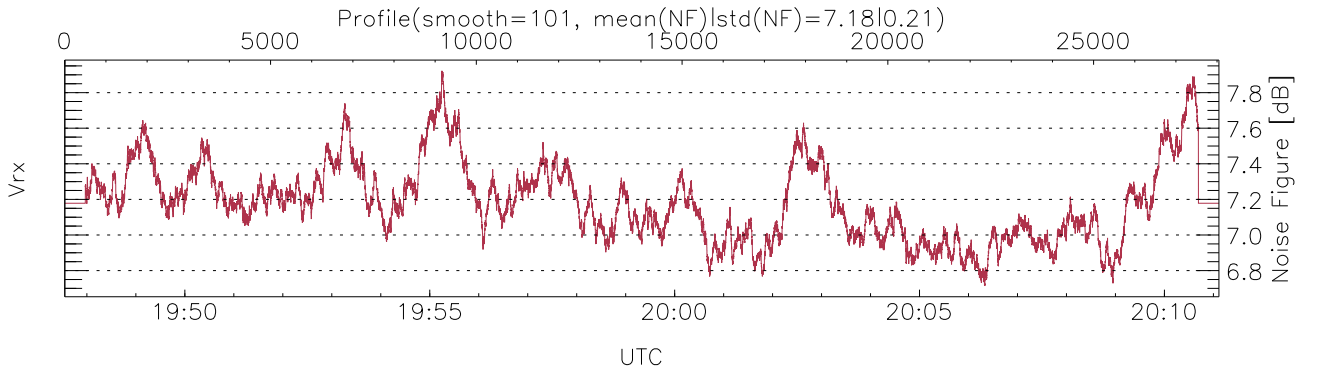
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,91,14,22,21,25

maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,17,24,23,27

LOalarm(20,80,240,2.8,14.8 MHz): None

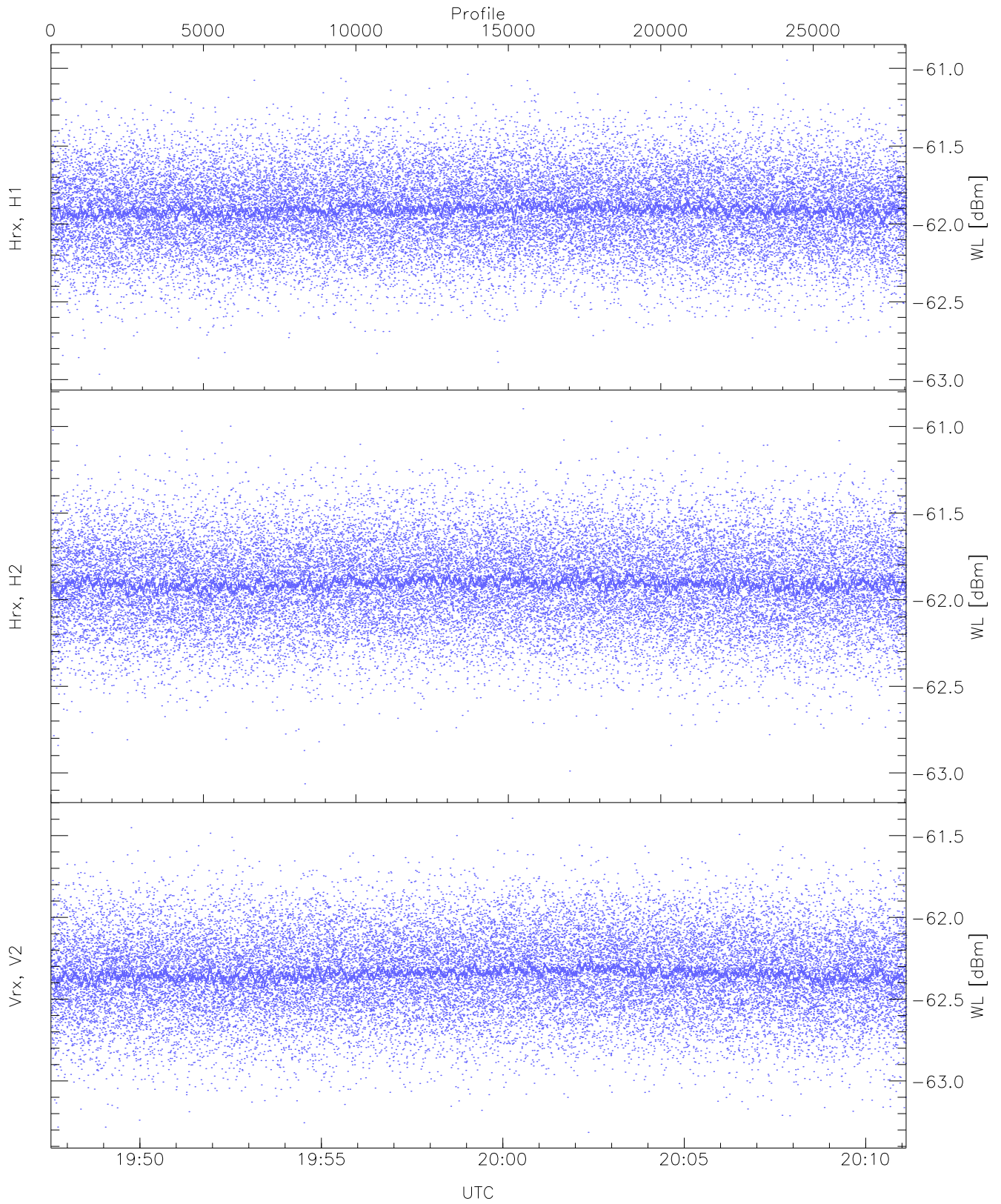
EIK Faults(# prof affected):

DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (11,11,11,11,11,15)



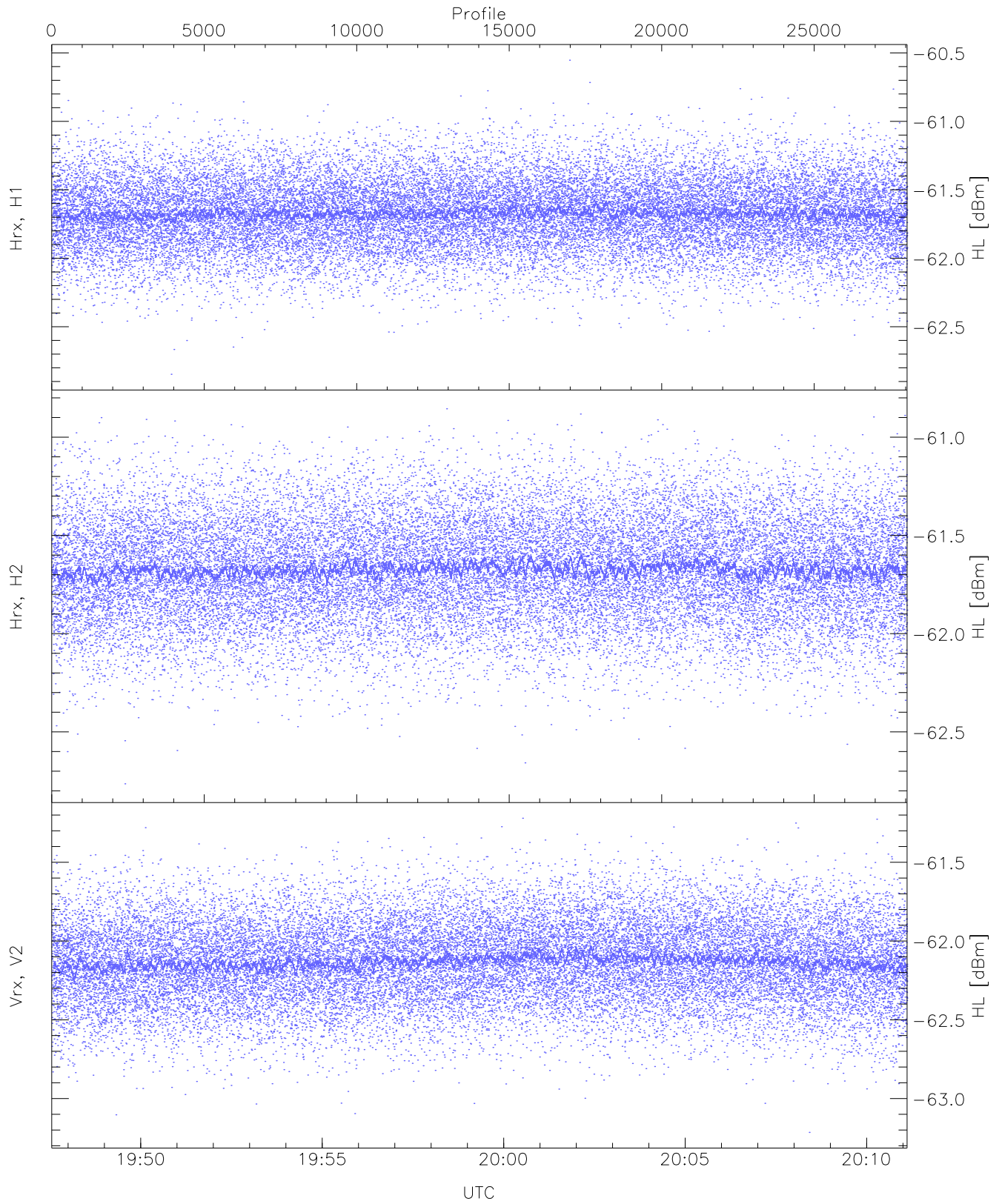
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 0 pixs, 0 gates, 0 profs, 0 prods



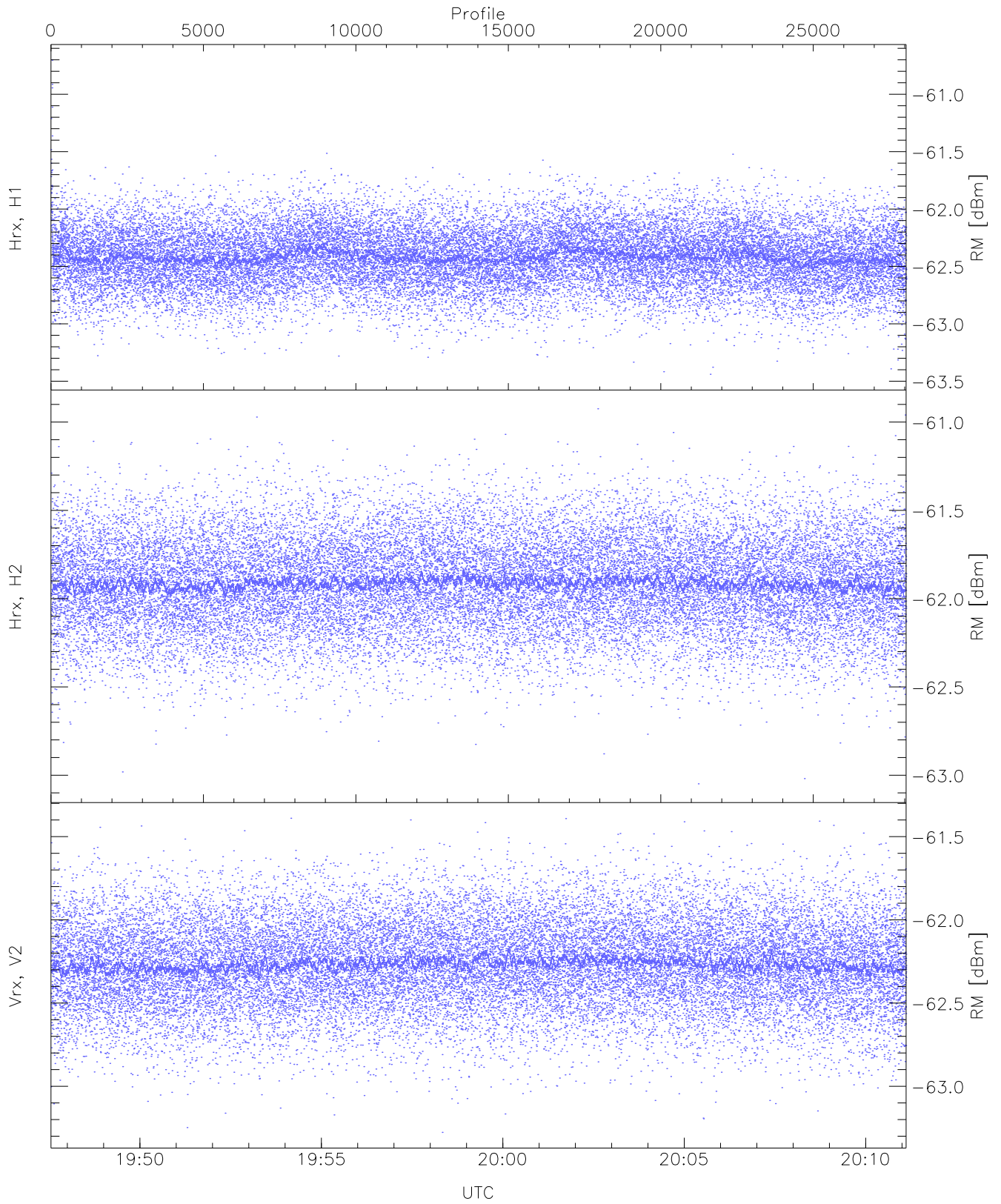
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-62.97	-60.95	-61.91	-61.91	-74.48
Hrx, H2 (WL [dBm])	-63.06	-60.90	-61.90	-61.91	-74.47
Vrx, V2 (WL [dBm])	-63.31	-61.39	-62.34	-62.35	-74.91



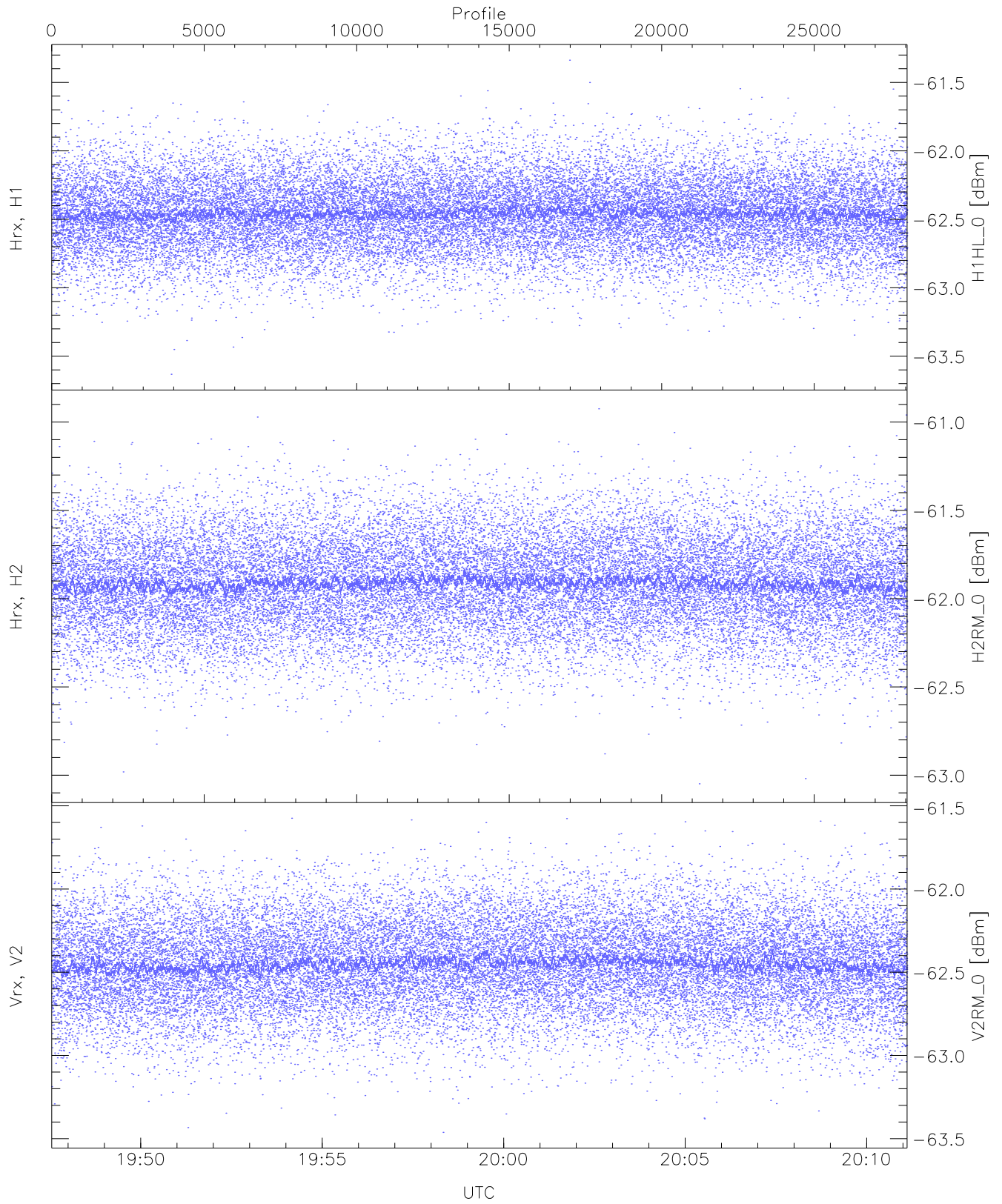
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.85	-60.55	-61.67	-61.68	-74.21
Hrx, H2 (HL [dBm])	-62.76	-60.86	-61.67	-61.68	-74.24
Vrx, V2 (HL [dBm])	-63.21	-61.22	-62.13	-62.13	-74.65



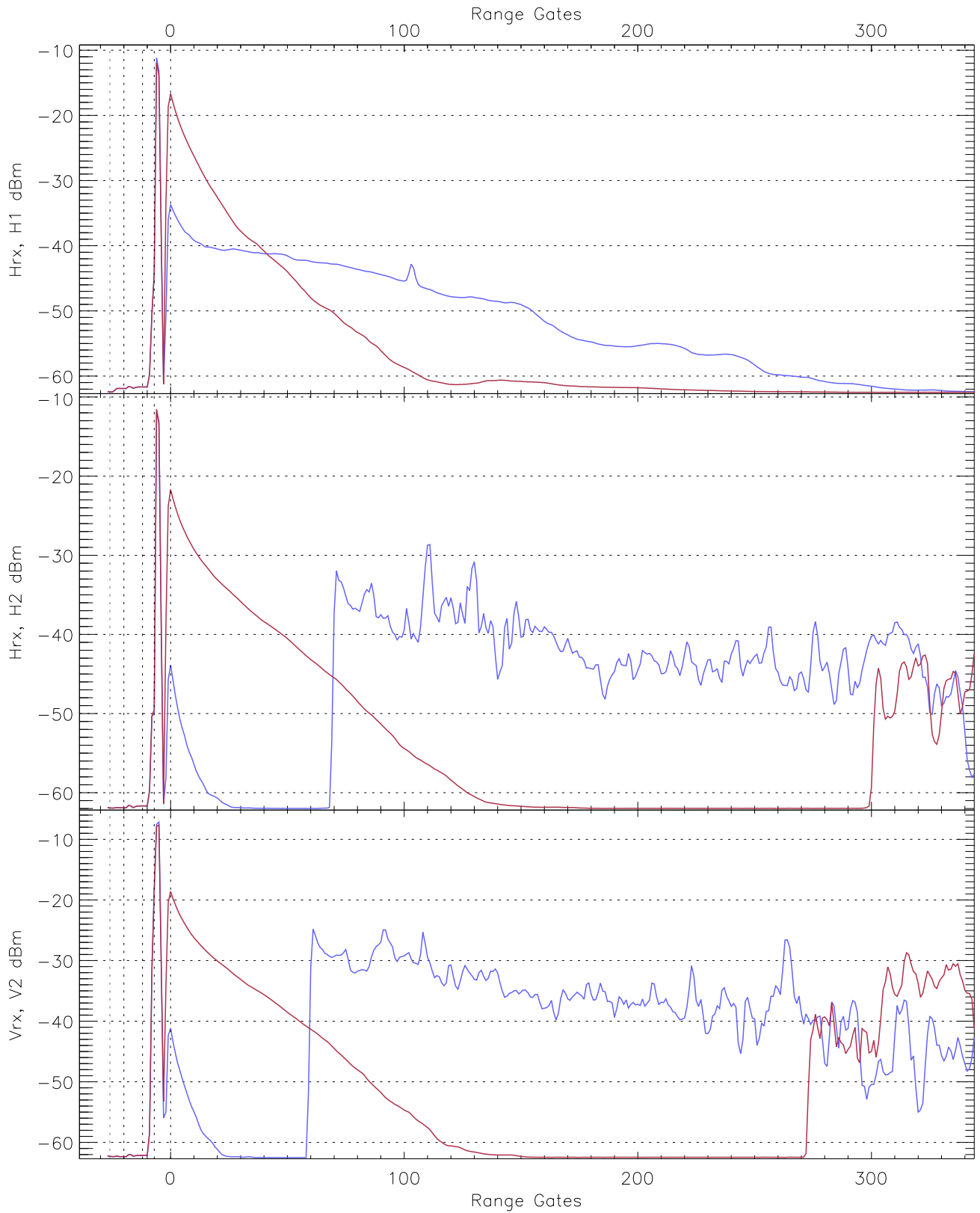
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.44	-60.70	-62.41	-62.42	-74.93
Hrx, H2 (RM [dBm])	-63.05	-60.92	-61.91	-61.92	-74.48
Vrx, V2 (RM [dBm])	-63.28	-61.39	-62.26	-62.27	-74.81



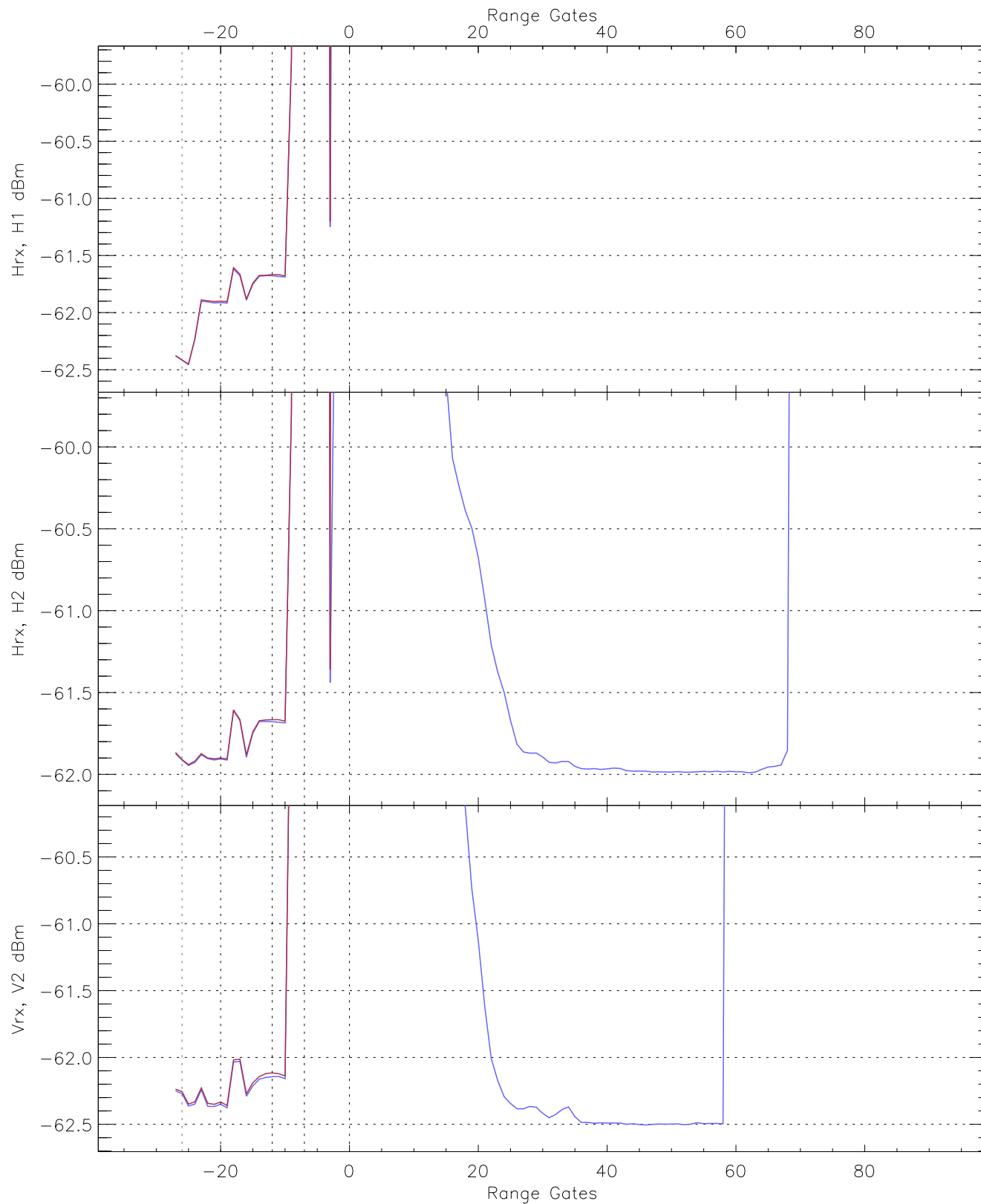
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1HL_0 [dBm]	-63.63	-61.34	-62.46	-62.46	-74.99
H2RM_0 [dBm]	-63.05	-60.92	-61.91	-61.92	-74.48
V2RM_0 [dBm]	-63.46	-61.57	-62.45	-62.46	-74.99

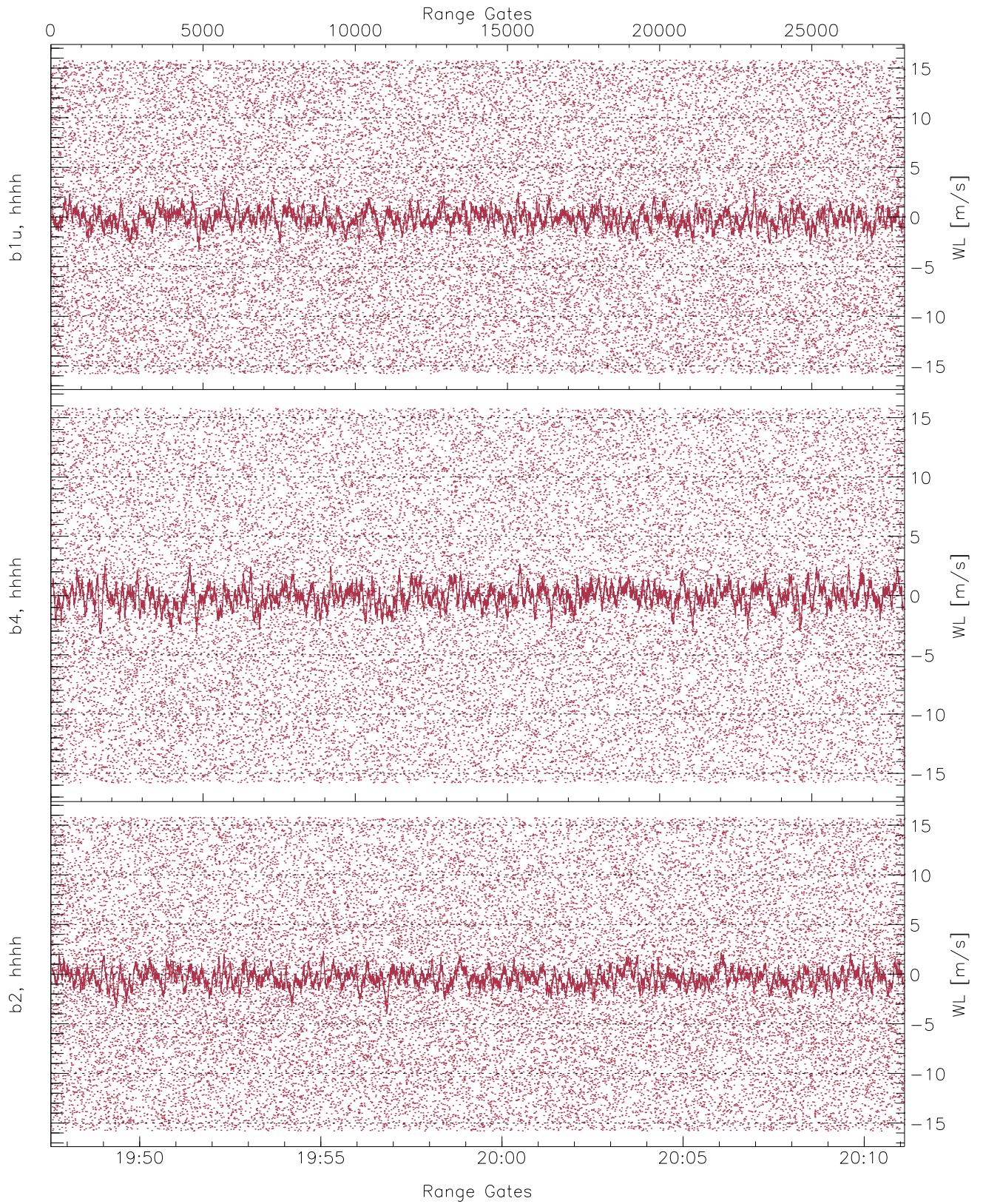


WCR2 CPP Averaged Received power for all recorded gates  
blue: 194733-195920, 14024 profiles averaged  
red: 195920-201107, 14024 profiles averaged

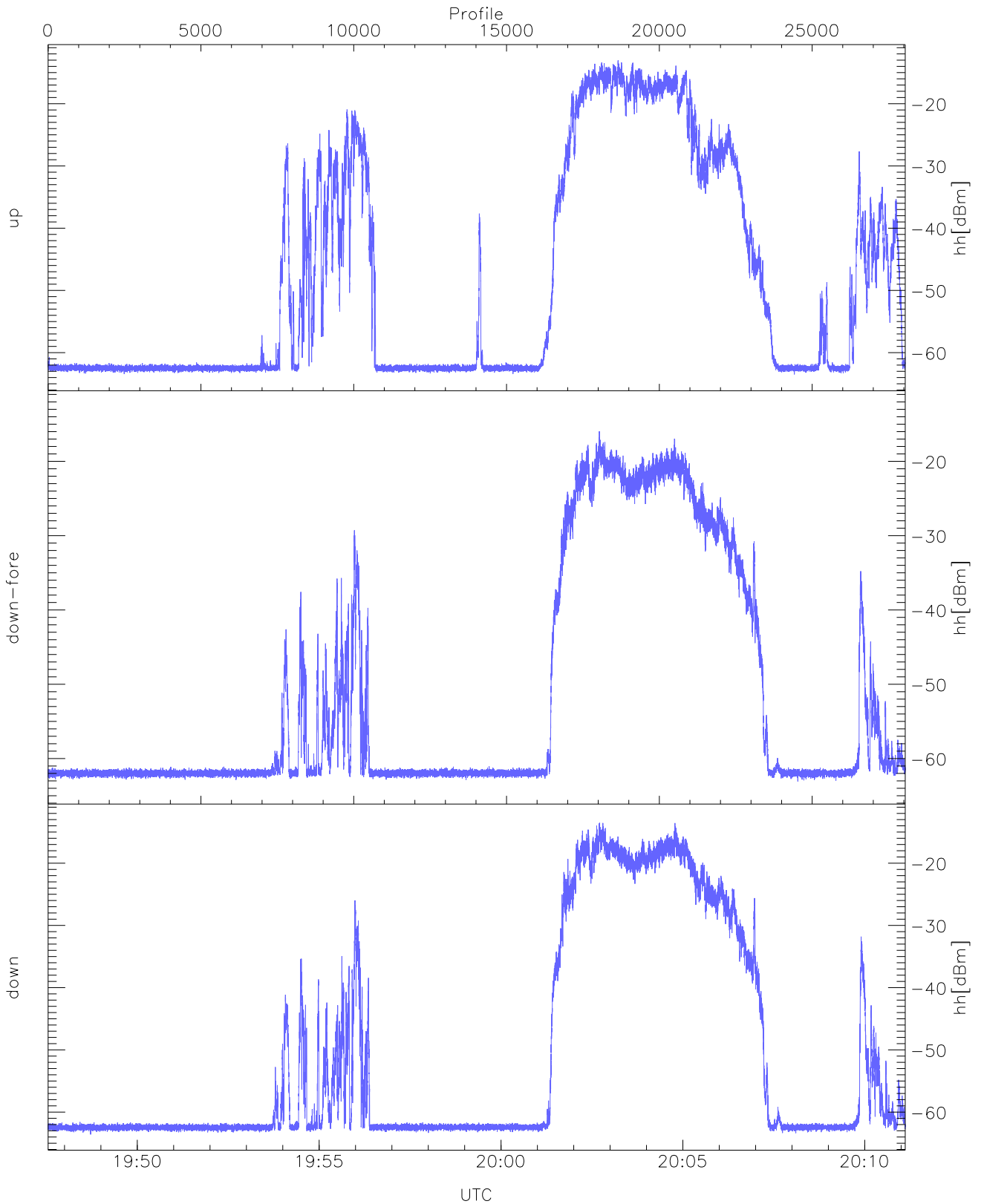




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 194733-195920, 14024 profiles averaged  
red: 195920-201107, 14024 profiles averaged

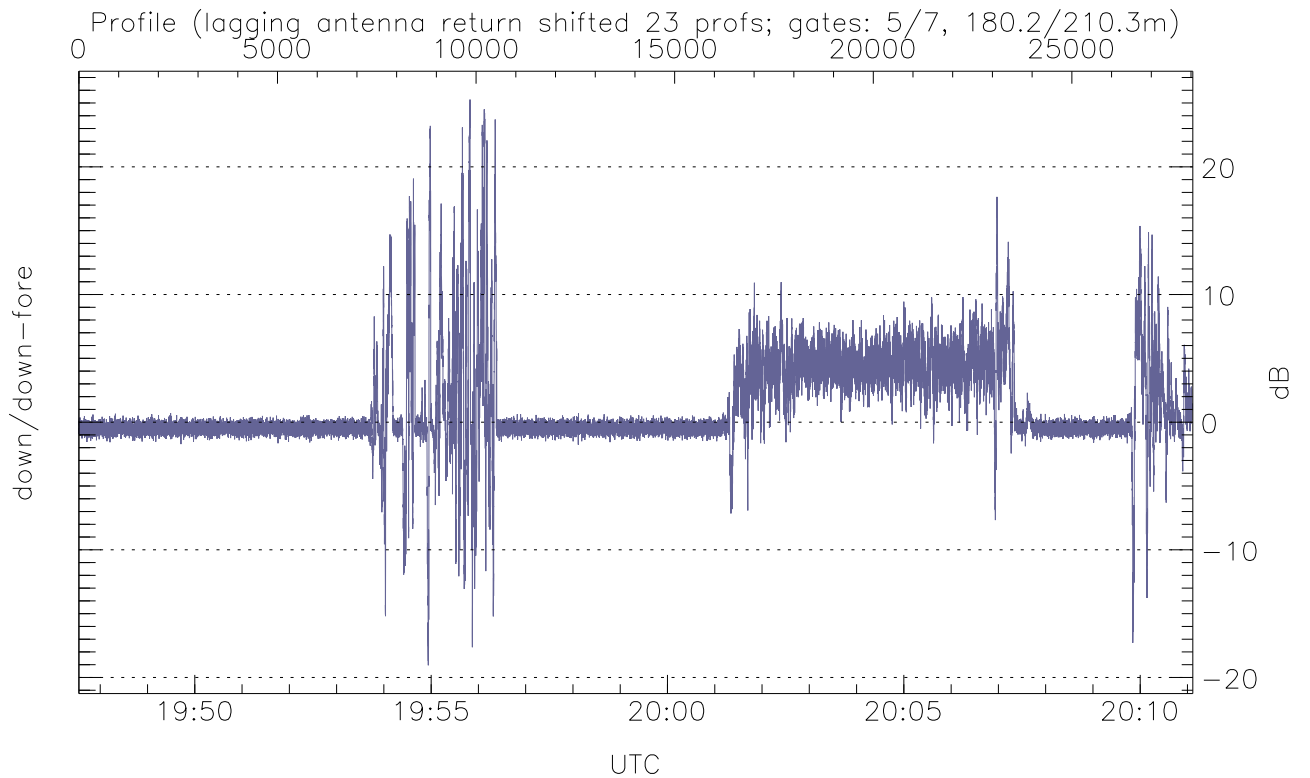
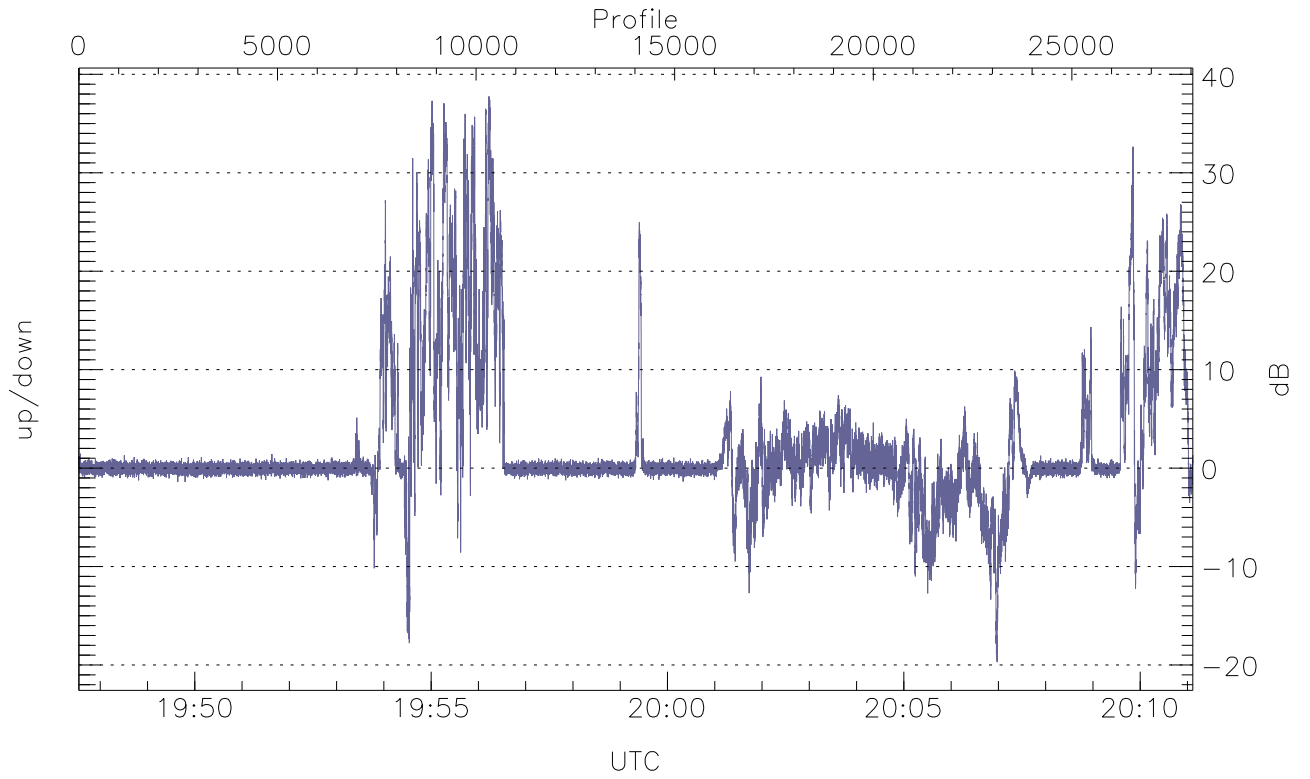


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



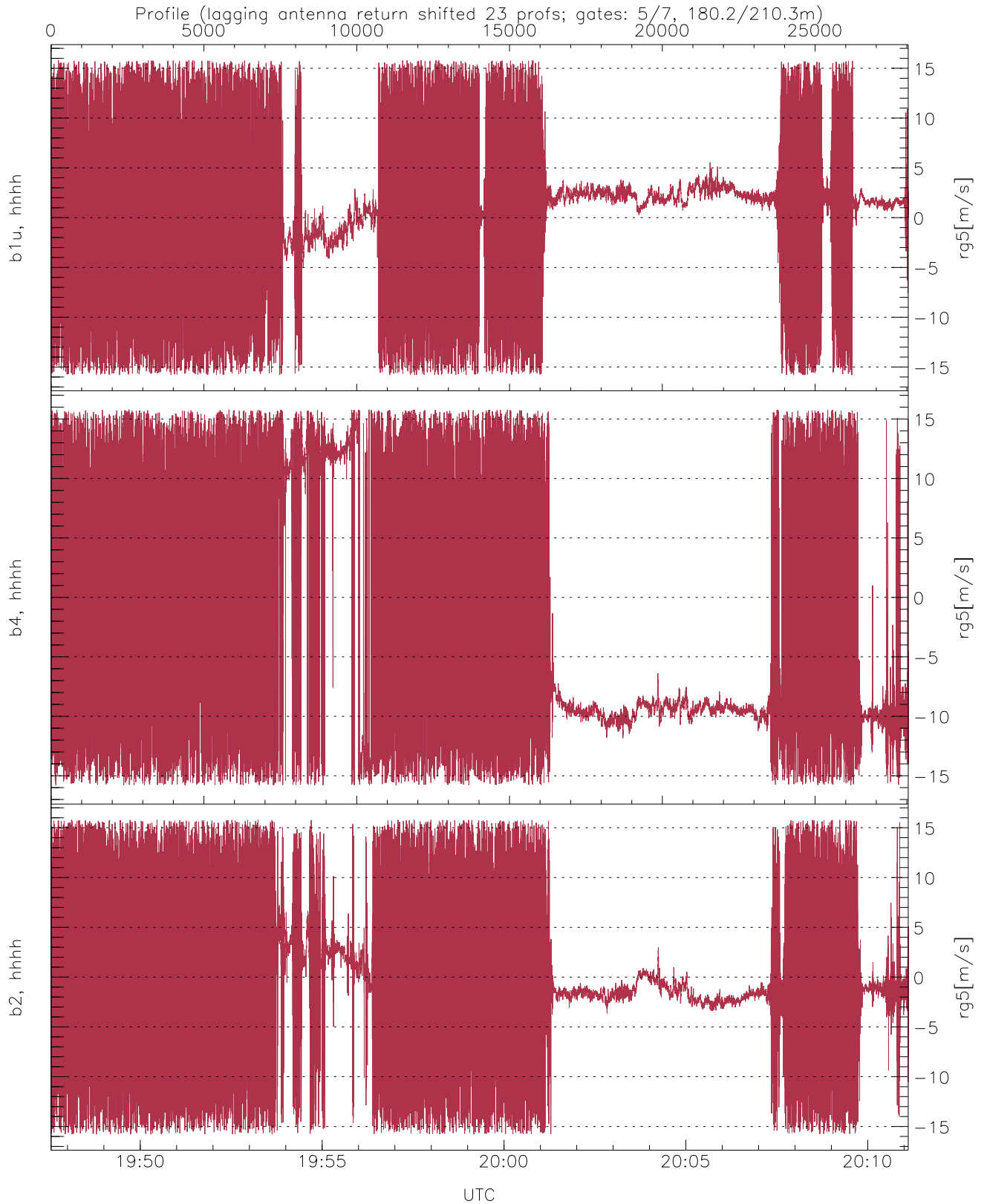
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.50	-13.03	-25.21
down-fore(hh[dBm])	-63.08	-15.96	-29.33
down(hh[dBm])	-63.59	-13.52	-26.20



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

	Min	Max	Mean
up/down (dB)	-19.70	37.77	2.27
down/down-fore (dB)	-19.04	25.27	1.23



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.80	0.48	6.62
b4, hhhh(rg5[m/s])	-15.80	15.80	-2.51	9.27
b2, hhhh(rg5[m/s])	-15.80	15.80	-0.58	6.87