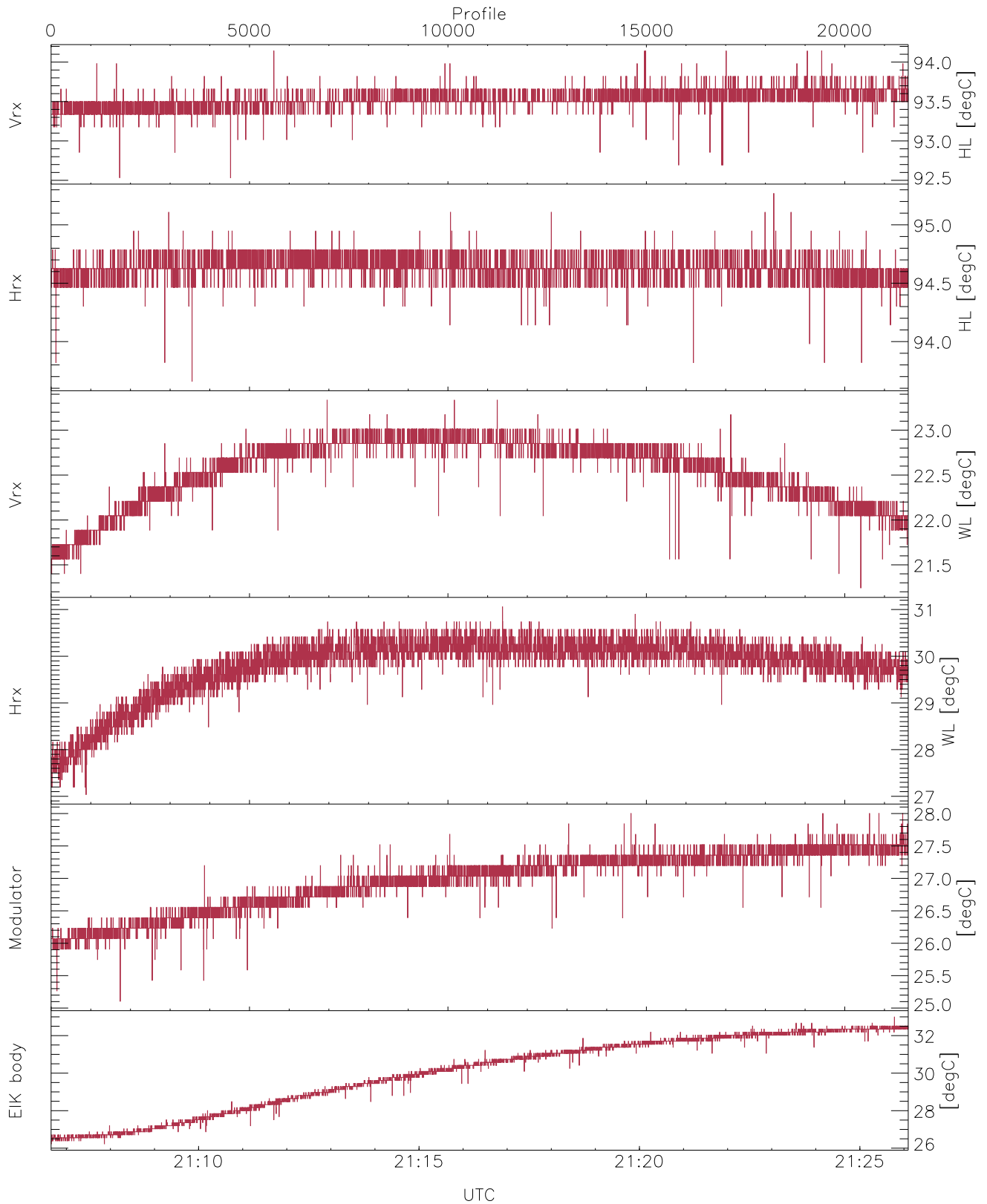


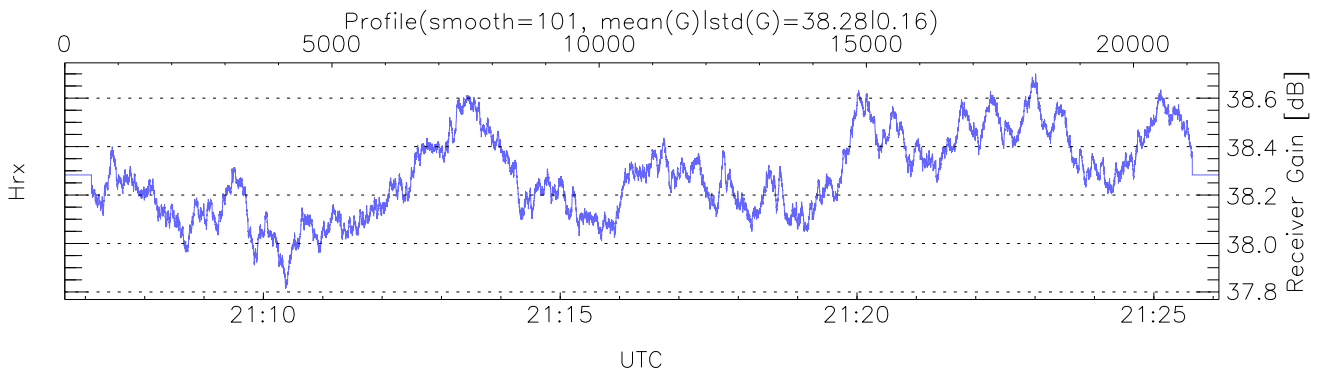
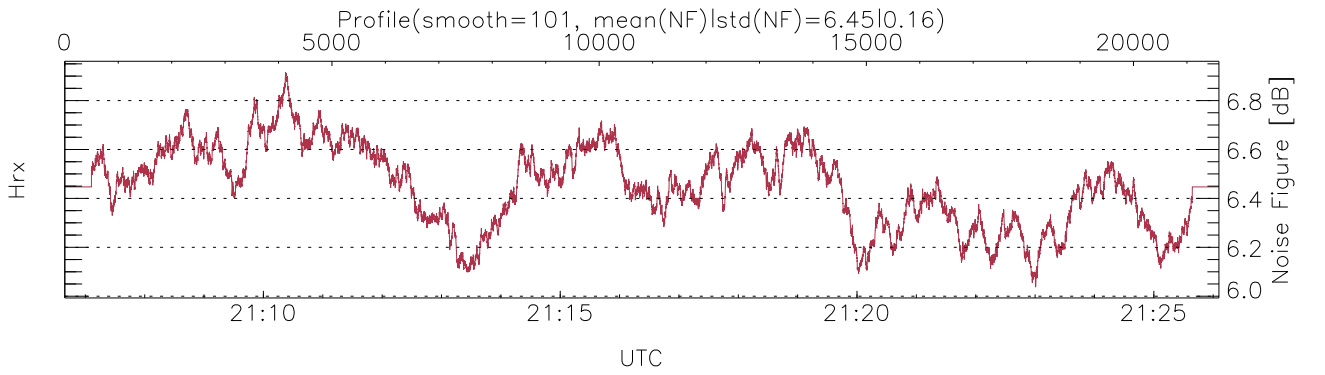
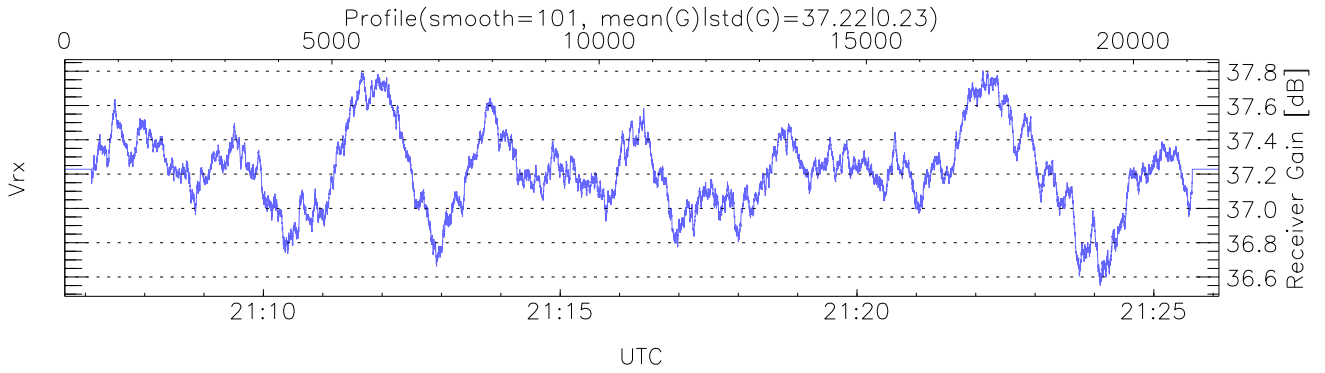
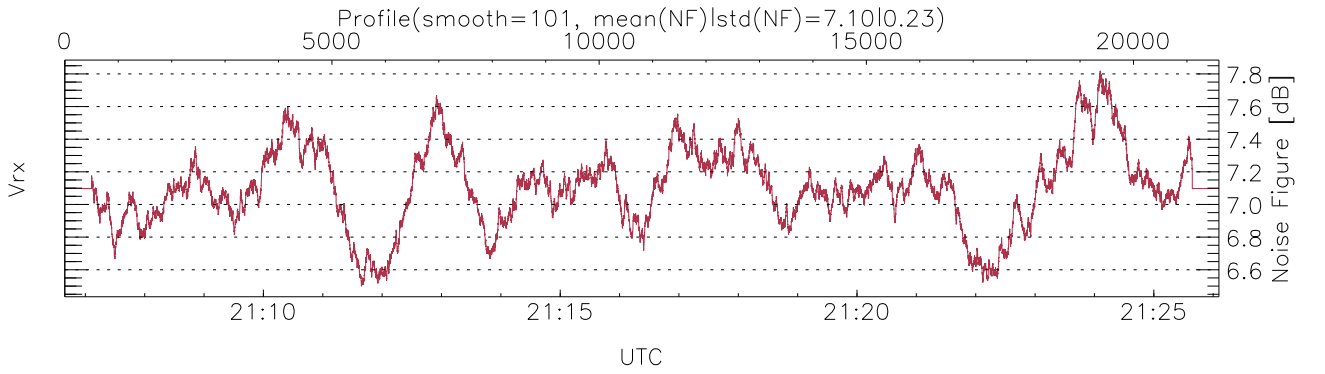
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 21:06:39-21:44:50, Dur: 2290.93s  
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant  
 TimeInt/PPS(min,max,mn,std): 54.0,54.0,54.0,0.0 ms / 19,19,19  
 NumRec(r/t): 21600/42415, 0-21599/21:06:39-21:26:06  
 AcqTime: 54.0ms, Rate: 287KB/s, Averages: 180  
 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,rqs): 105,6037,15.0 m, Gates: 396, Aspect: 3.1  
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



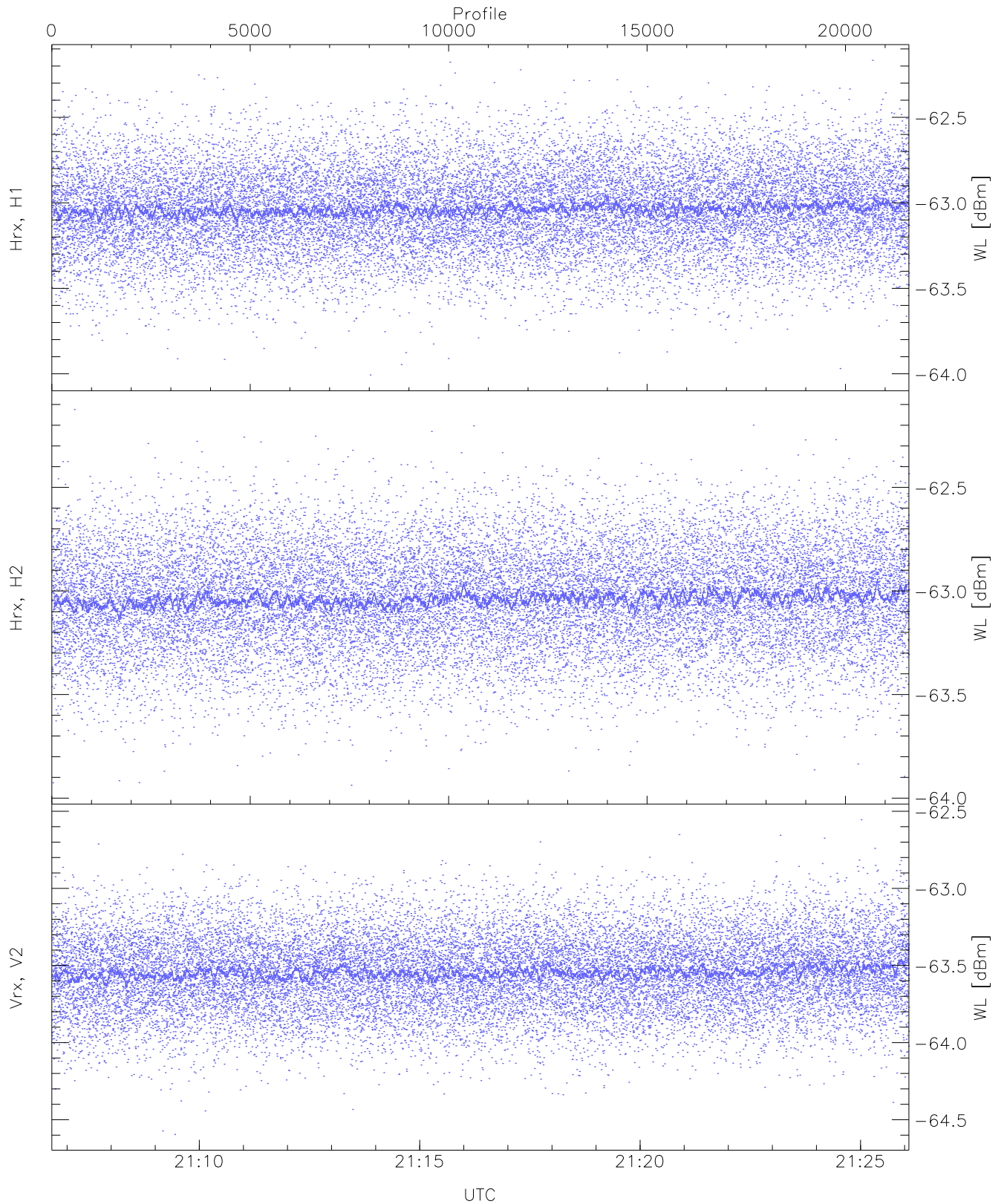
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,21,27,25,26  
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,95,23,31,28,32  
 LOalarm(20,80,240,2.8,14.8 MHz): None  
 EIK Faults(# prof affected):  
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (15,15,15,15,15,20)



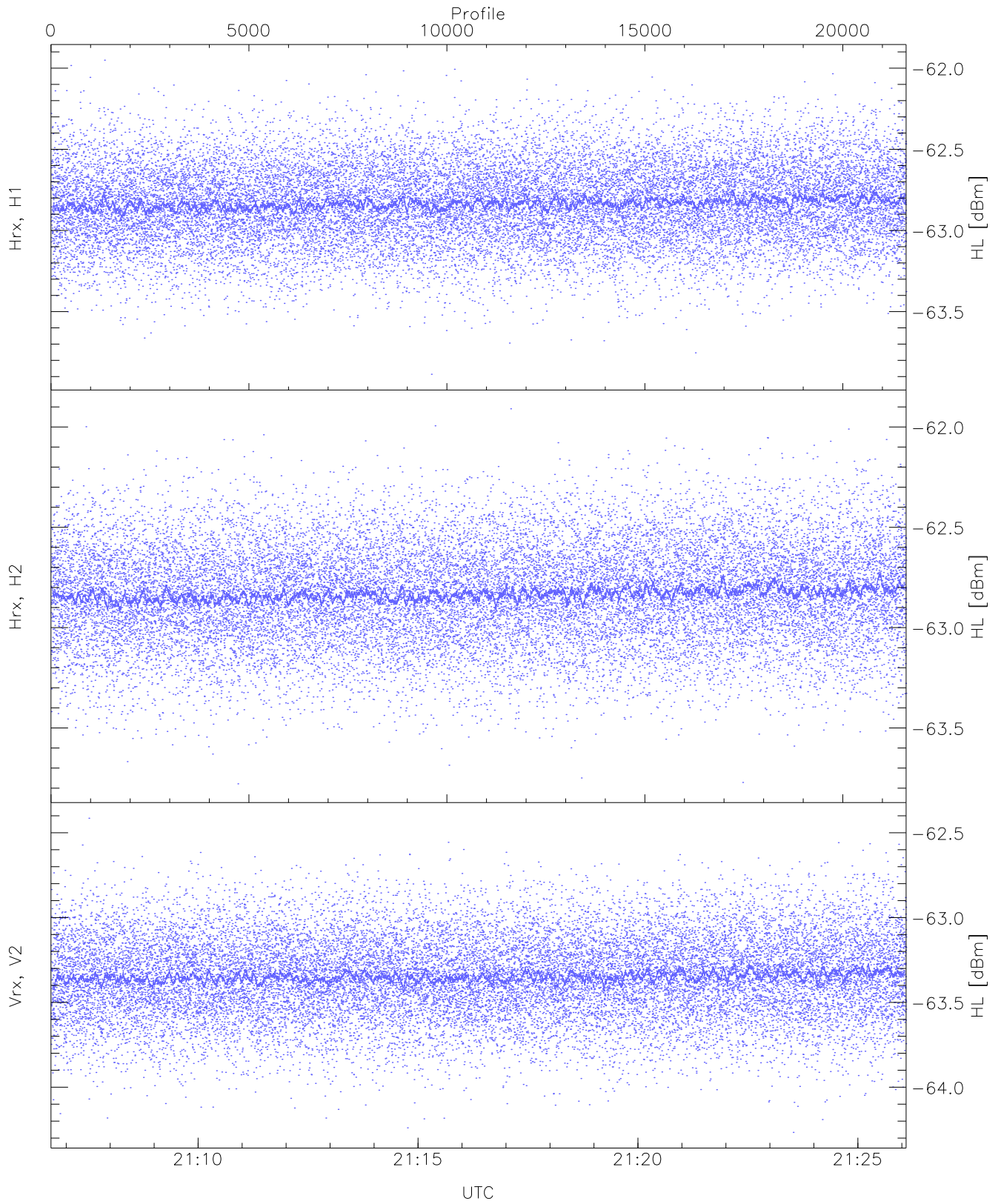
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 98 pixs, 10 gates, 81 profs, 1 prods



WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

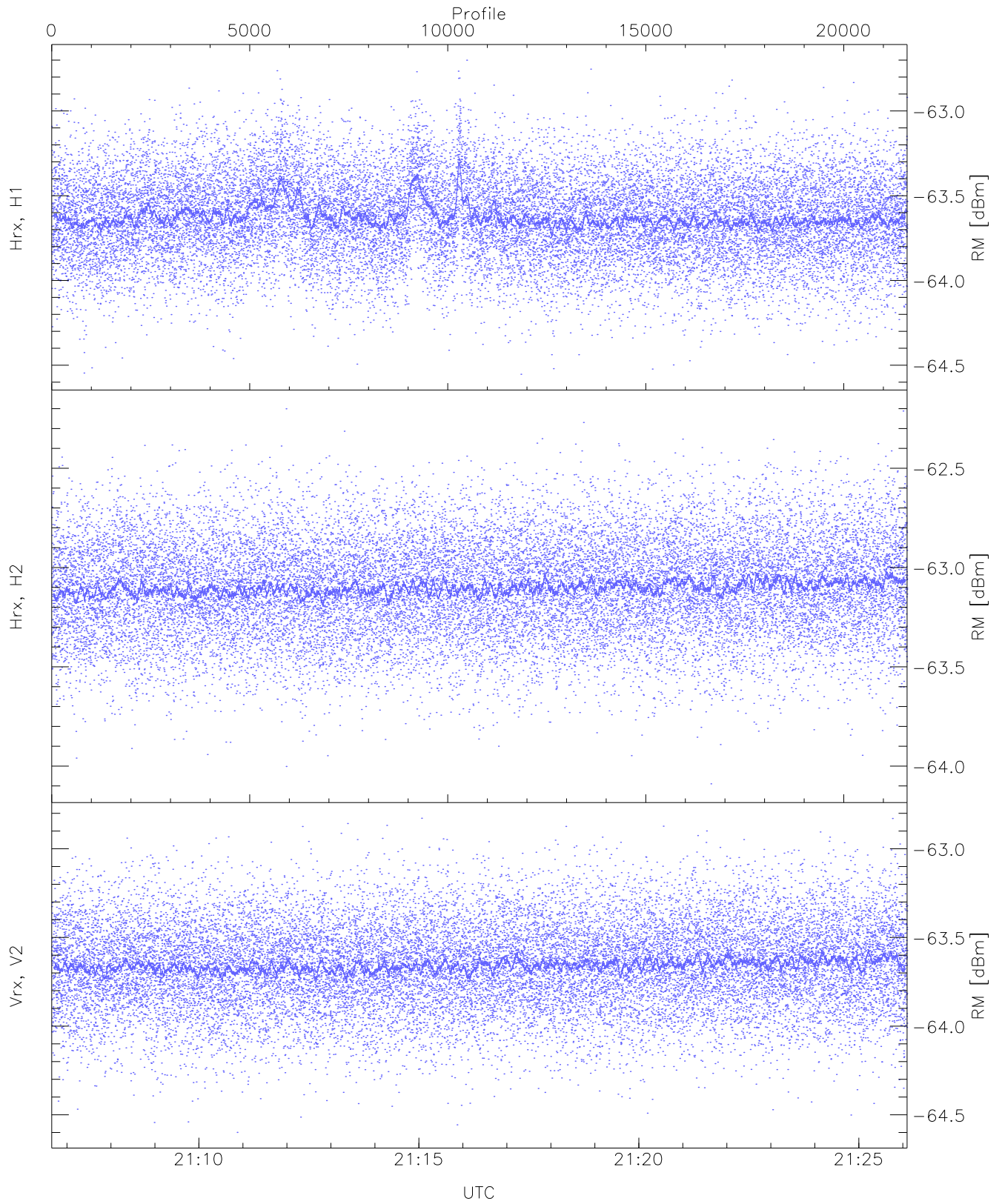
	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-64.01	-62.17	-63.04	-63.04	-75.75
Hrx, H2(WL [dBm])	-63.94	-62.12	-63.04	-63.04	-75.80
Vrx, V2(WL [dBm])	-64.60	-62.56	-63.54	-63.55	-76.20



WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

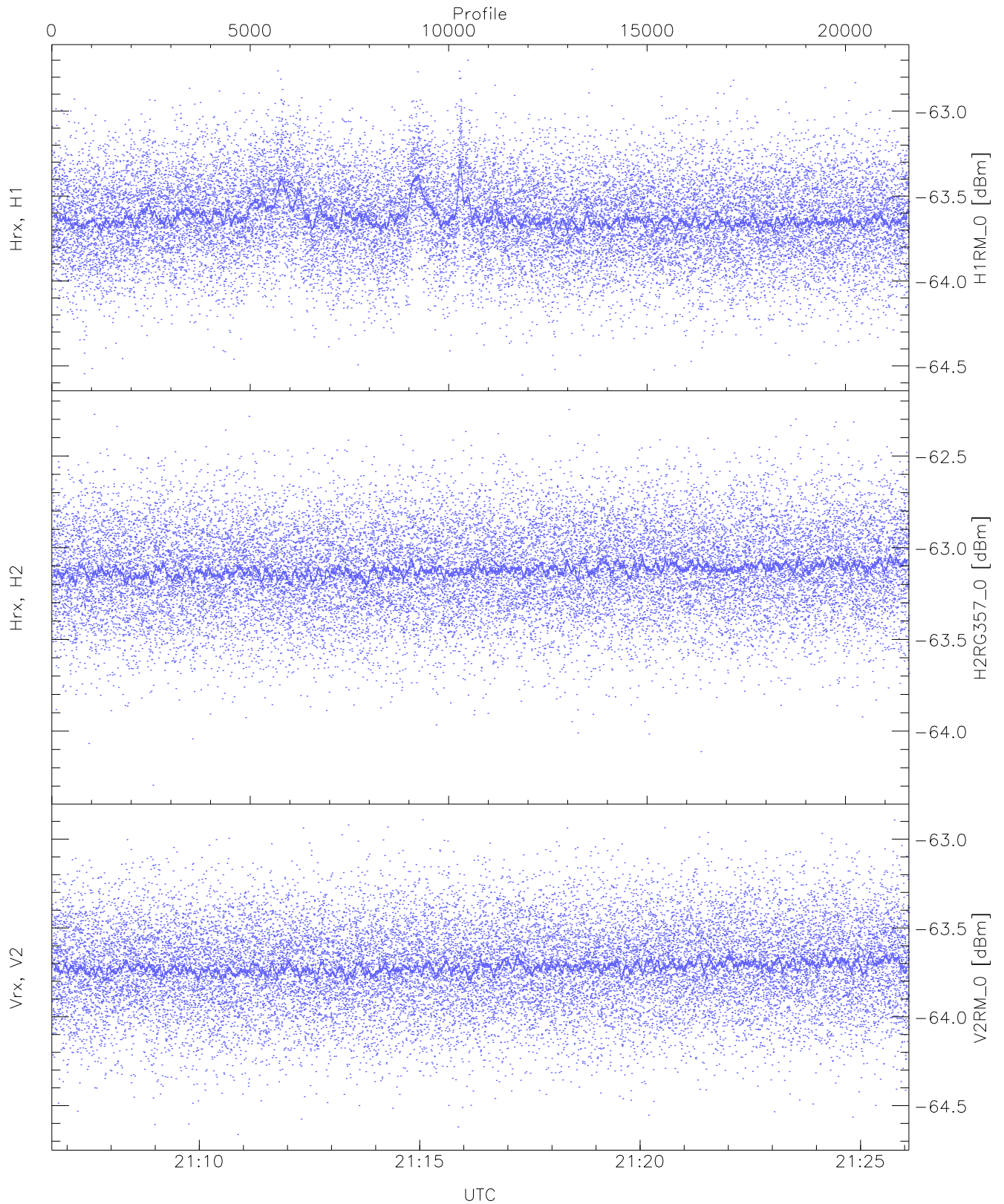
	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.89	-61.95	-62.83	-62.83	-75.51
Hrx, H2 (HL [dBm])	-63.78	-61.91	-62.83	-62.83	-75.52
Vrx, V2 (HL [dBm])	-64.27	-62.41	-63.35	-63.35	-76.07





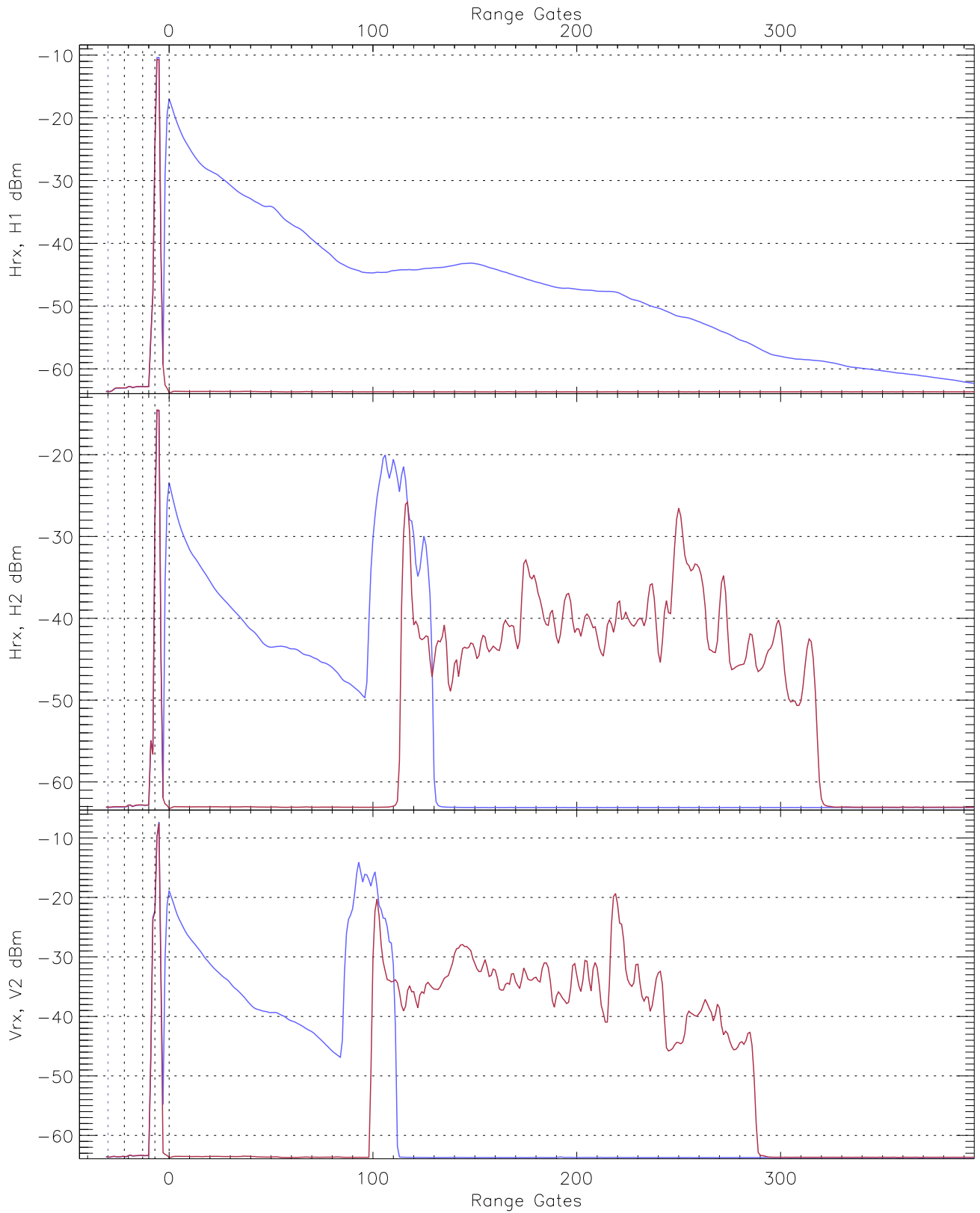
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.55	-62.70	-63.62	-63.63	-76.21
Hrx, H2 (RM [dBm])	-64.09	-62.20	-63.10	-63.10	-75.80
Vrx, V2 (RM [dBm])	-64.60	-62.83	-63.65	-63.66	-76.33



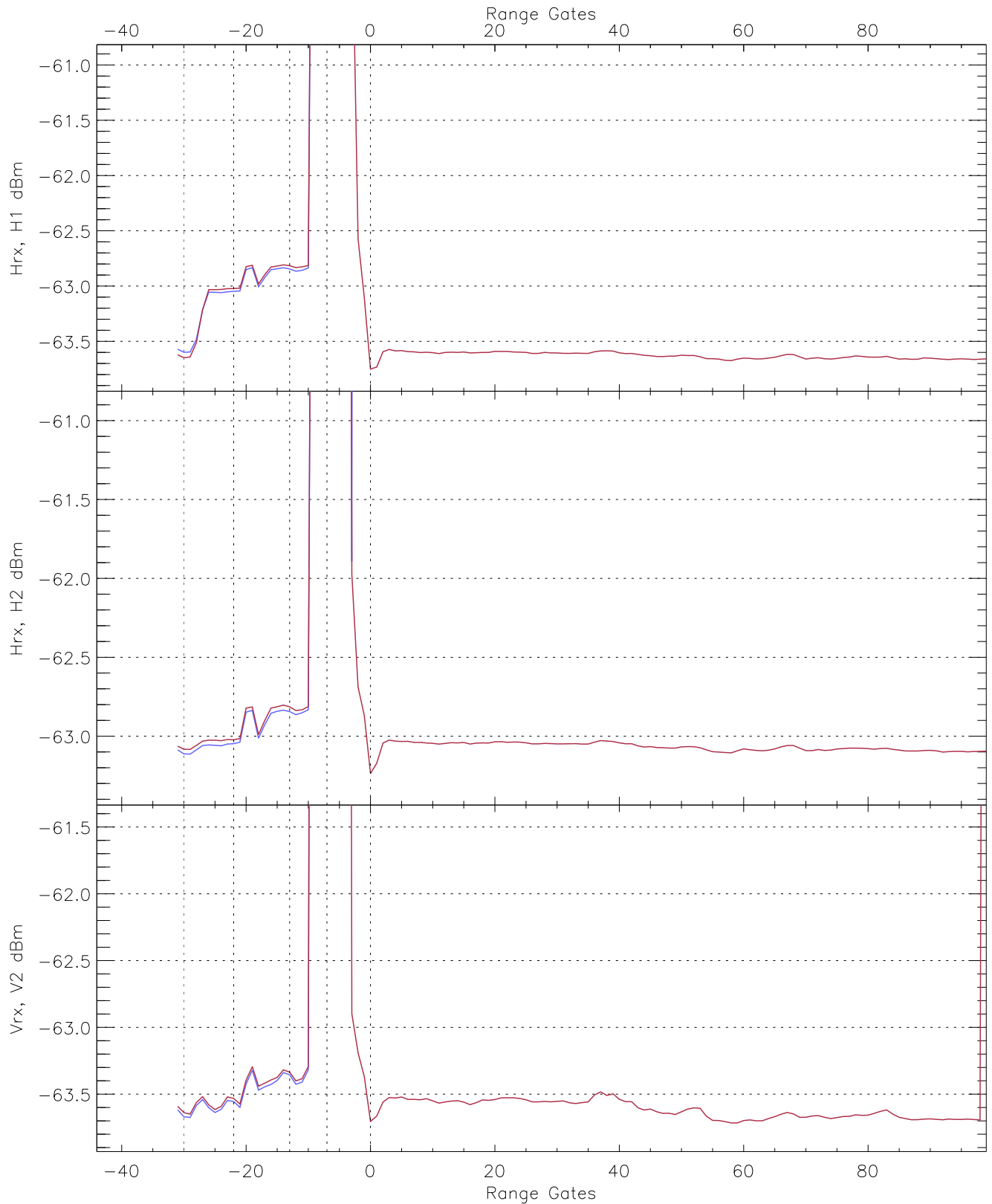
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-64.55	-62.70	-63.62	-63.63	-76.21
H2RG357_0 [dBm]	-64.30	-62.25	-63.12	-63.12	-75.79
V2RM_0 [dBm]	-64.66	-62.89	-63.72	-63.72	-76.40

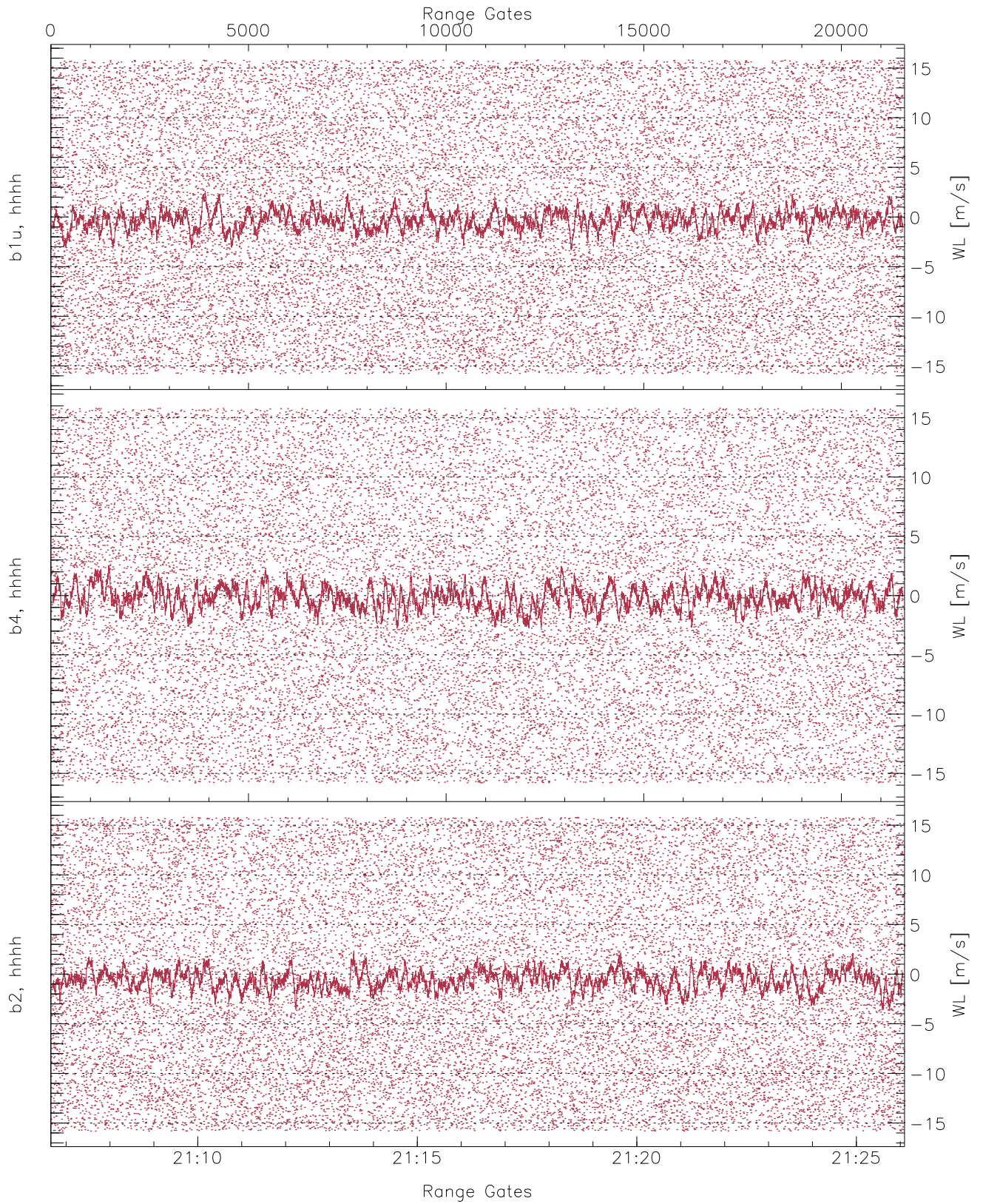


WCR2 CPP Averaged Received power for all recorded gates  
blue: 210639-211623, 10801 profiles averaged  
red: 211623-212606, 10800 profiles averaged

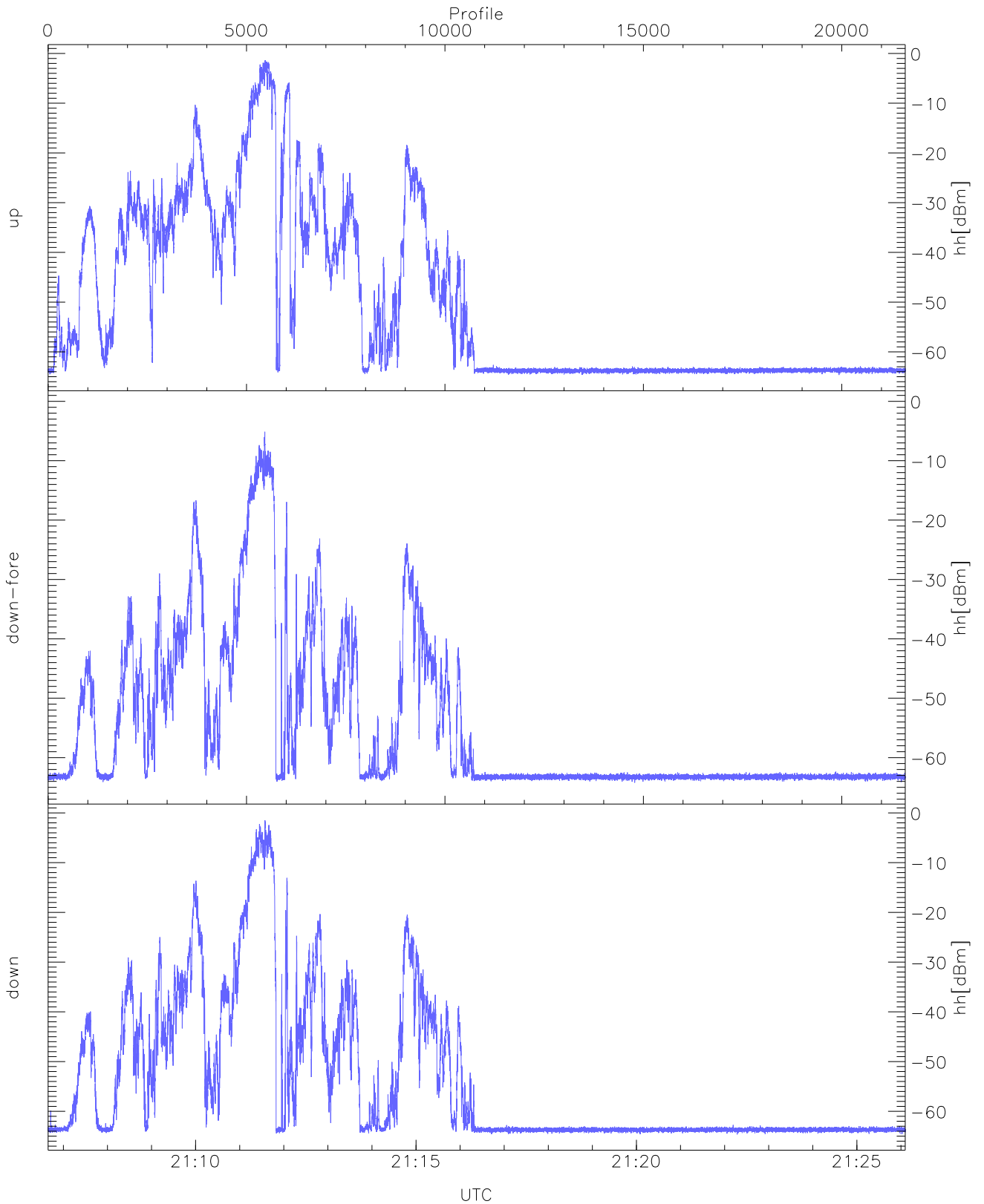




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 210639-211623, 10801 profiles averaged  
red: 211623-212606, 10800 profiles averaged

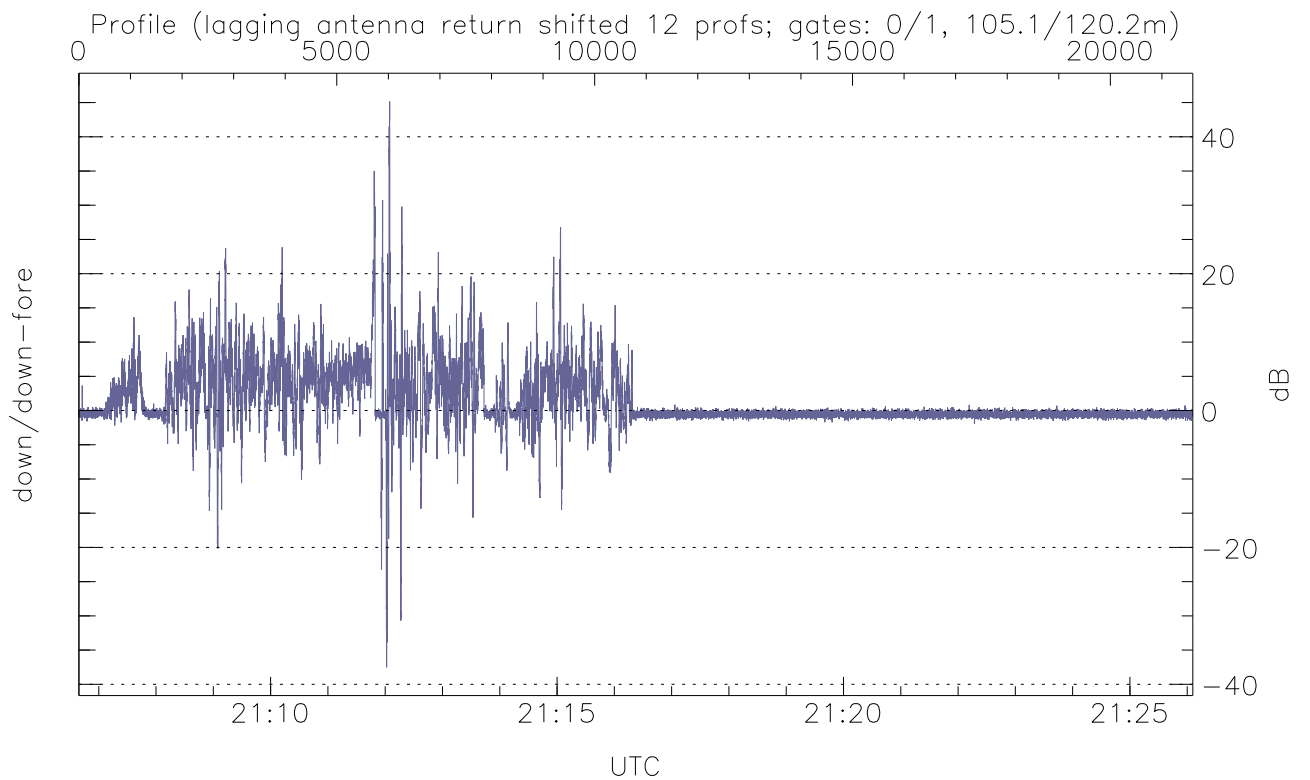
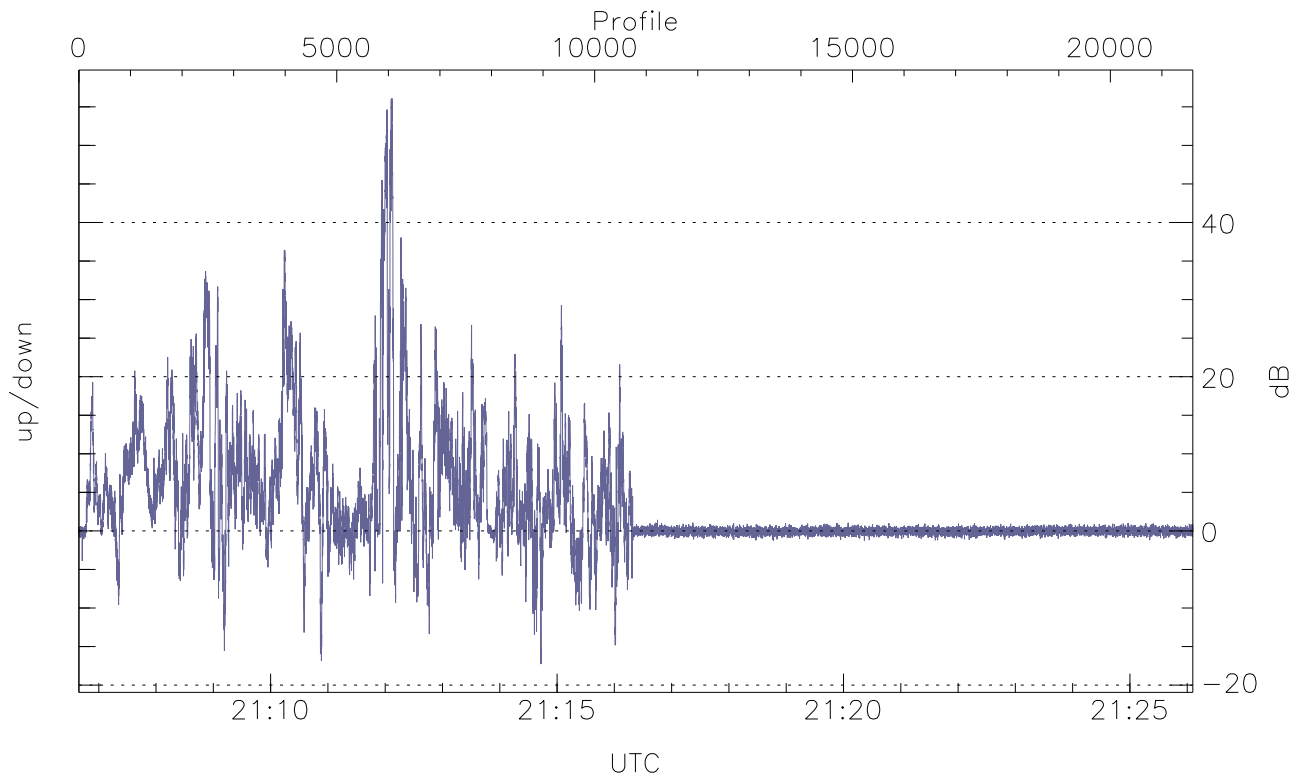


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



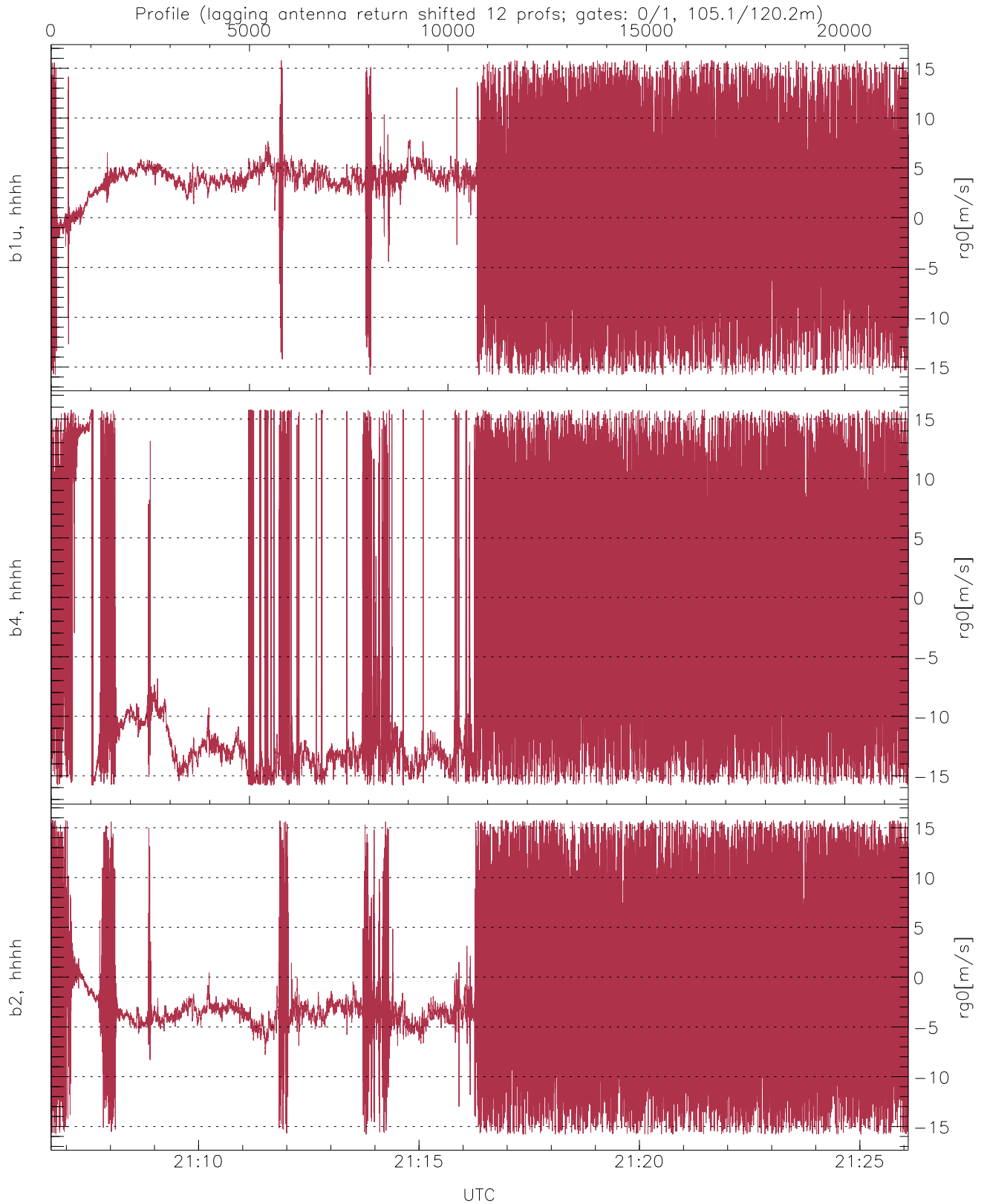
WCR2 CPP Received Power Products for Range gate 0 (105.1 m)

	Min	Max	Mean
up(hh[dBm])	-64.65	-1.38	-19.98
down-fore(hh[dBm])	-64.22	-5.13	-26.41
down(hh[dBm])	-64.65	-1.46	-21.86



WCR2 Beam pairs Received Power Ratio(s); RangeGate: 0 (105 m)

	Min	Max	Mean
up/down (dB)	-17.27	56.10	3.30
down/down-fore (dB)	-37.51	45.15	1.36



WCR2 CPP Doppler Velocity Products at 105.1 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg0[m/s])	-15.80	15.80	1.69	6.42
b4, hhhh(rg0[m/s])	-15.80	15.80	-4.69	9.96
b2, hhhh(rg0[m/s])	-15.80	15.79	-1.52	6.89