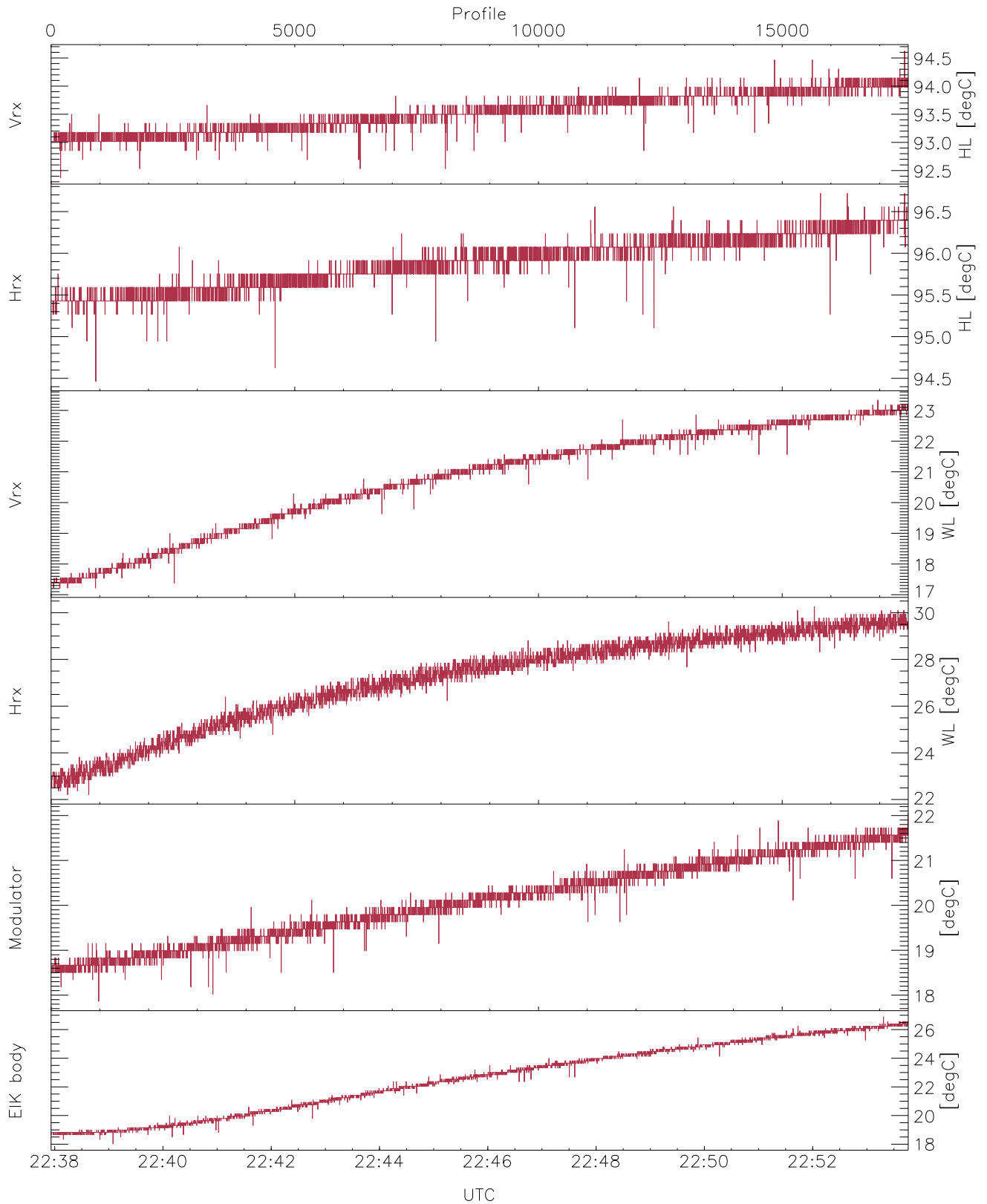


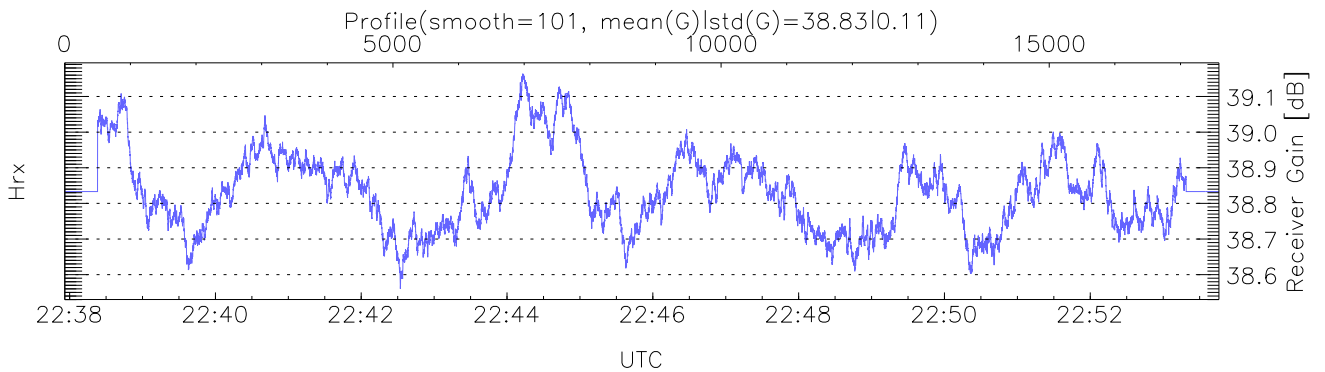
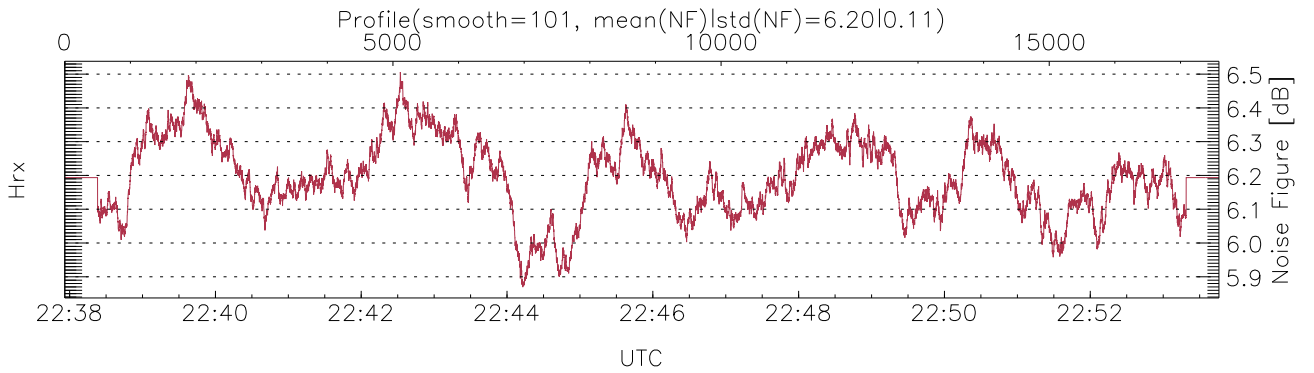
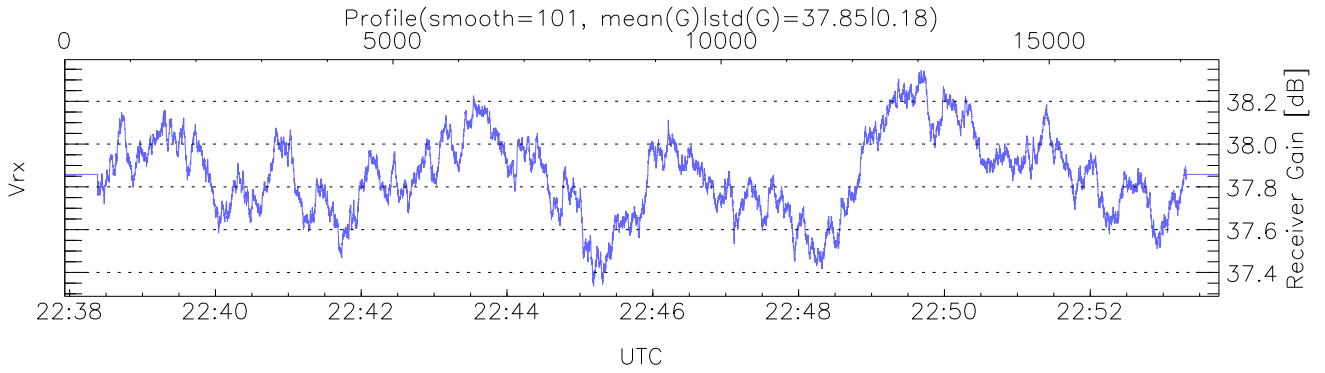
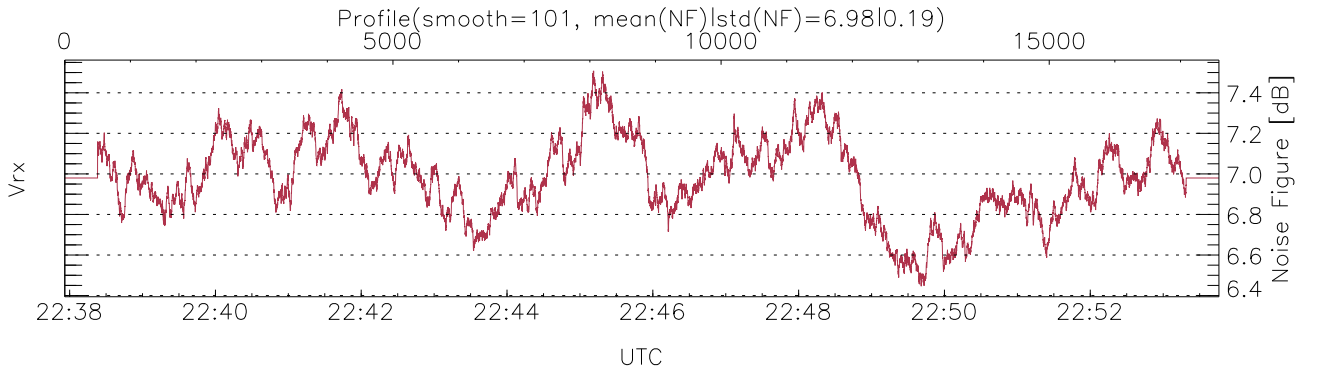
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 22:37:56-22:53:46, Dur: 949.88s  
 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): 17587/17587, 0-17586/22:37:56-22:53:46  
 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



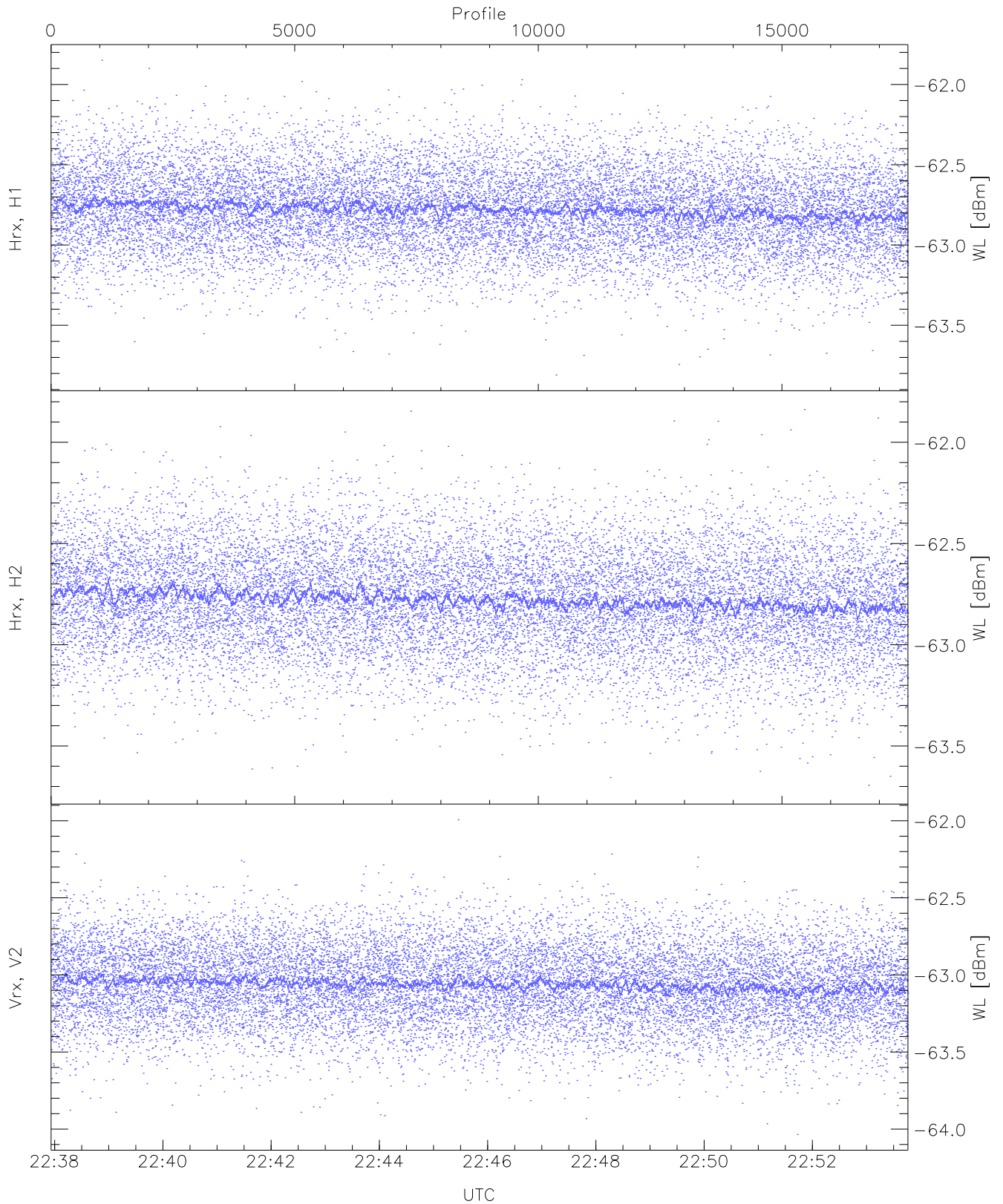
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,17,22,17,18  
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,23,30,22,26  
 LOalarm(20,80,240,2.8,14.8 MHz): None  
 EIK Faults(# prof affected):  
 DeckT,ColIT,BodyCurr,DeckF,OverDuty,HVPS (30,25,30,35,30,29)



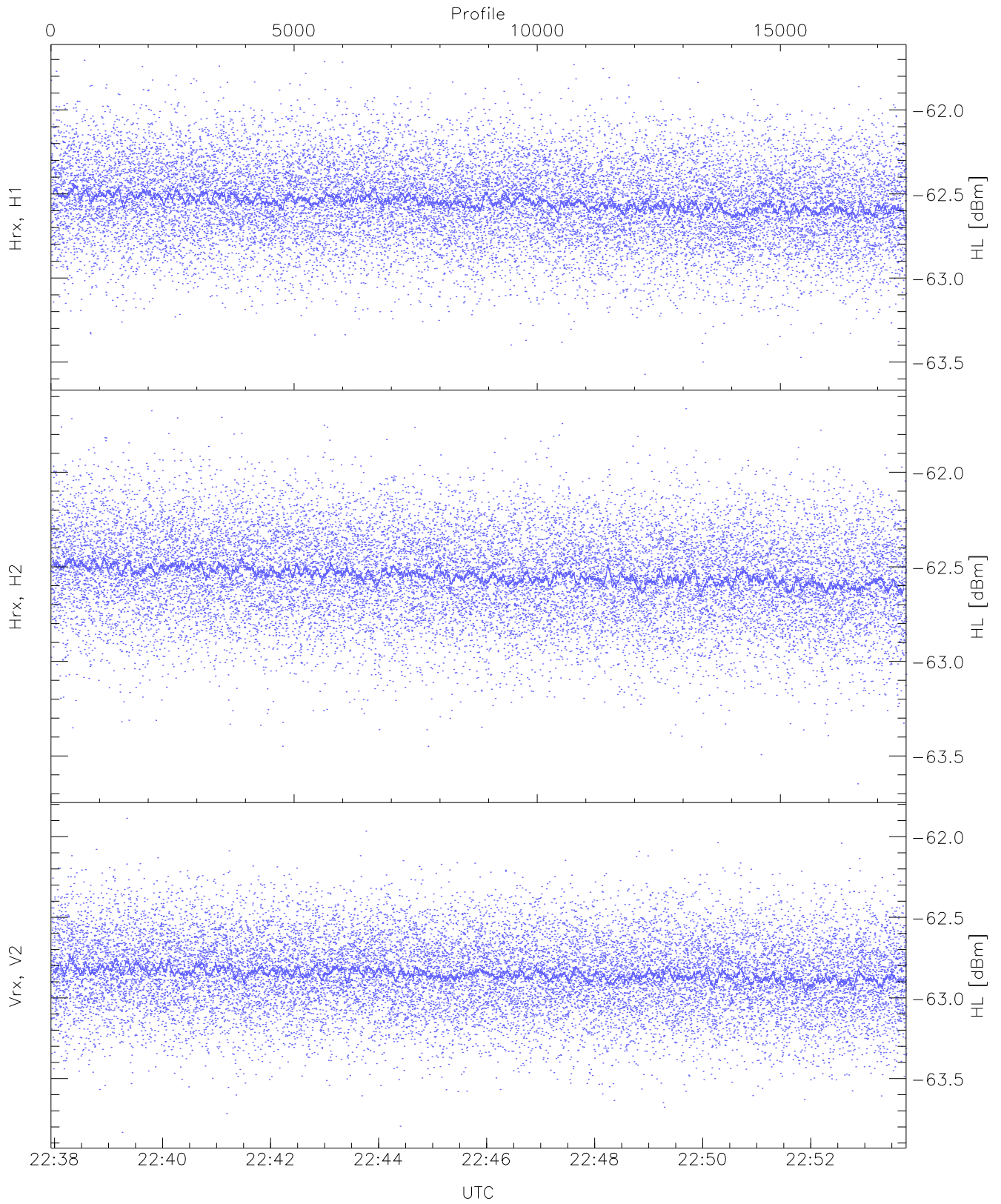
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 206 pixs, 21 gates, 198 profs, 1 prods



WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

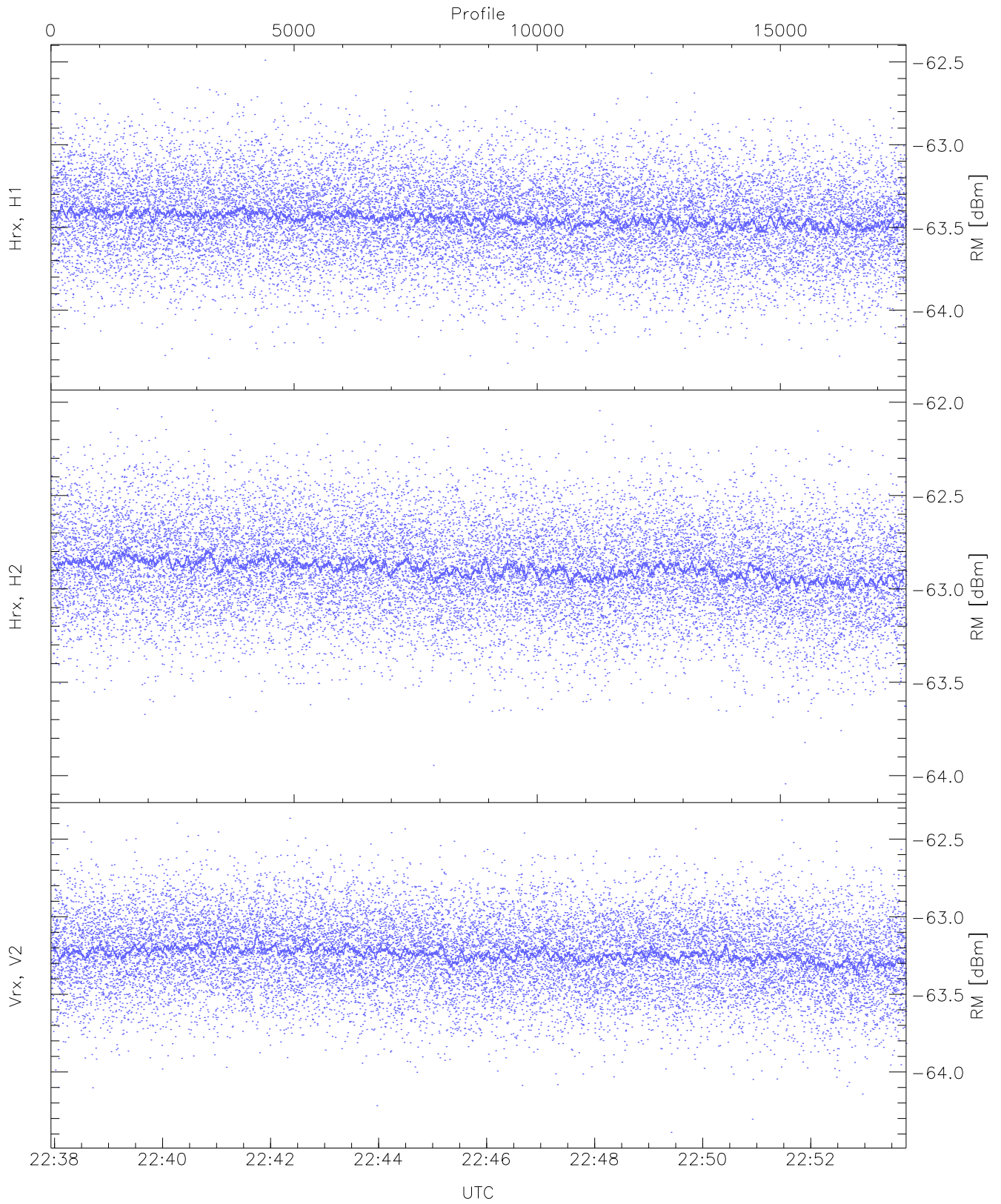
	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.81	-61.85	-62.78	-62.78	-75.46
Hrx, H2(WL [dBm])	-63.69	-61.84	-62.78	-62.78	-75.49
Vrx, V2(WL [dBm])	-64.04	-61.99	-63.06	-63.06	-75.77



WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

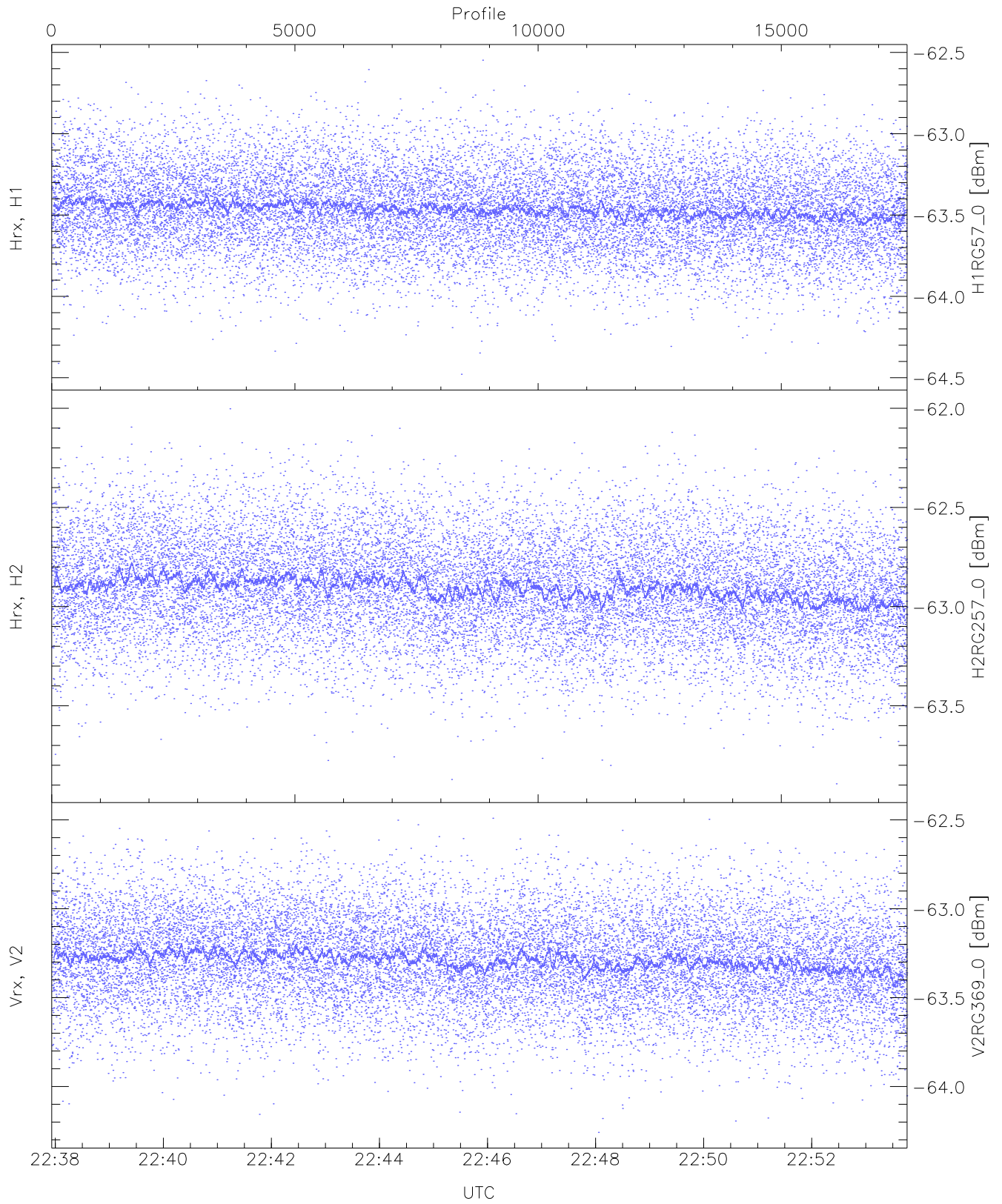
	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.57	-61.70	-62.55	-62.55	-75.20
Hrx, H2 (HL [dBm])	-63.65	-61.66	-62.54	-62.55	-75.24
Vrx, V2 (HL [dBm])	-63.83	-61.89	-62.85	-62.85	-75.55





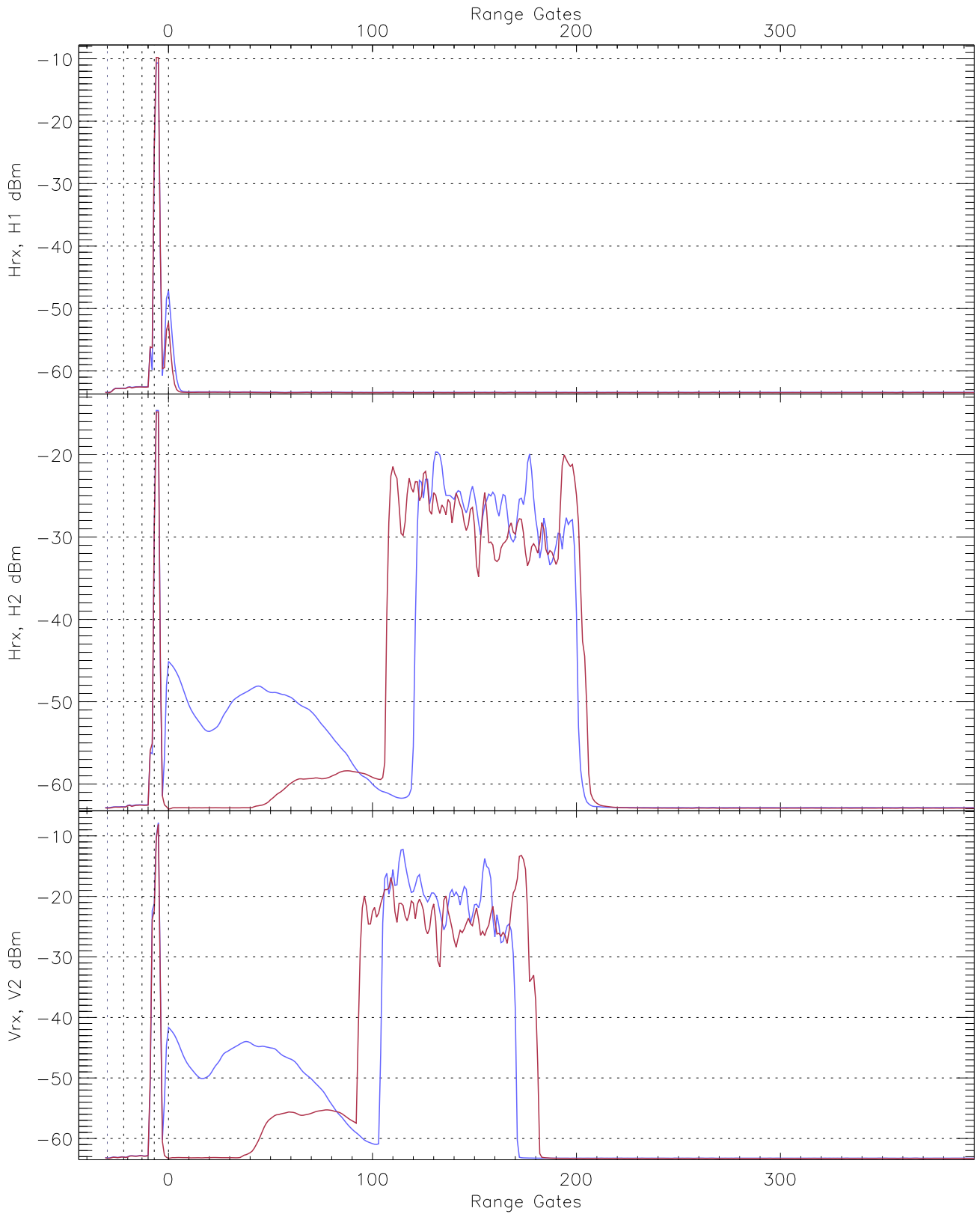
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.39	-62.49	-63.44	-63.45	-76.10
Hrx, H2 (RM [dBm])	-64.04	-62.04	-62.89	-62.90	-75.56
Vrx, V2 (RM [dBm])	-64.39	-62.37	-63.24	-63.24	-75.92



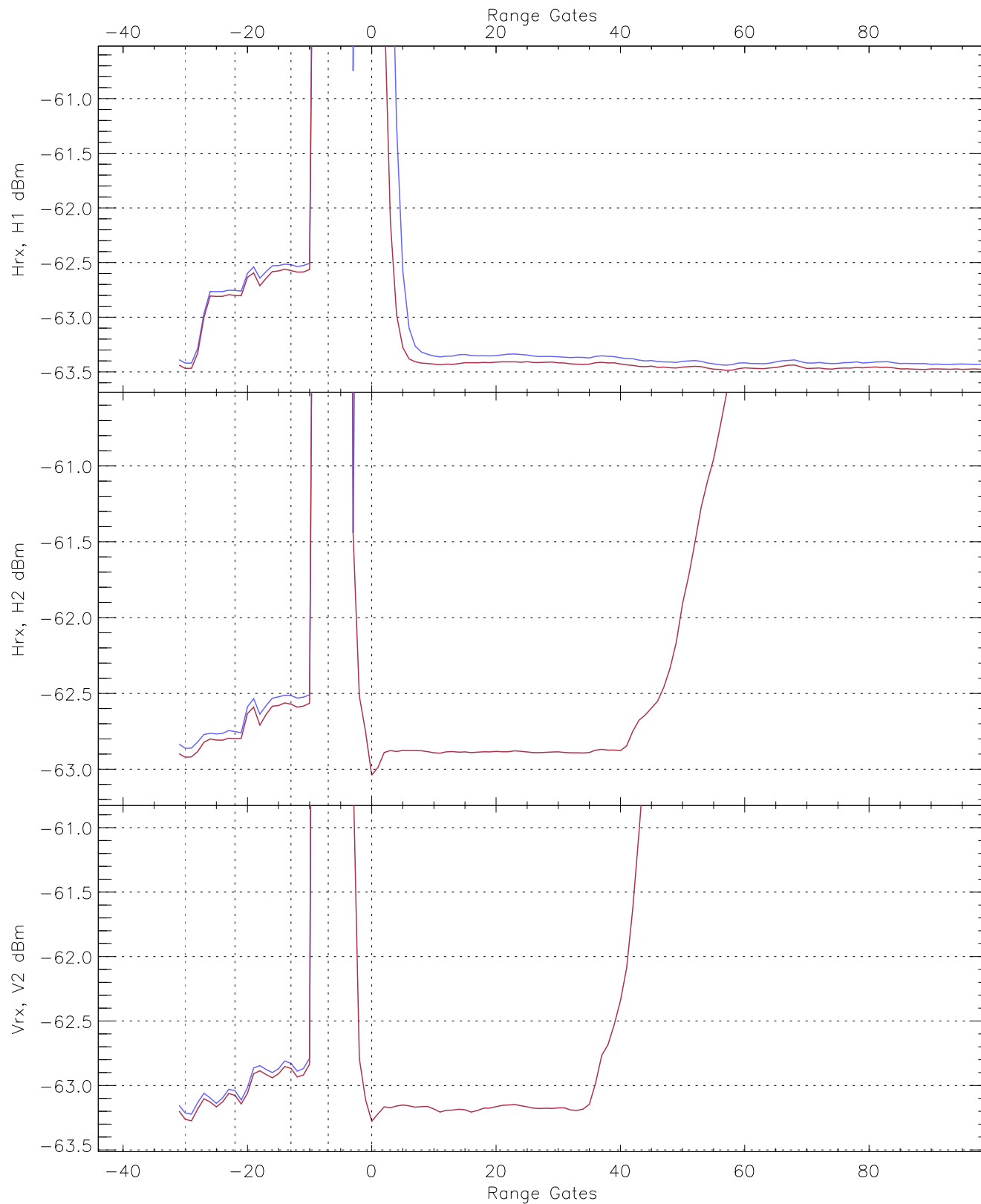
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG57_0 [dBm]	-64.48	-62.55	-63.46	-63.47	-76.10
H2RG257_0 [dBm]	-63.89	-62.00	-62.90	-62.91	-75.53
V2RG369_0 [dBm]	-64.26	-62.49	-63.29	-63.29	-75.92

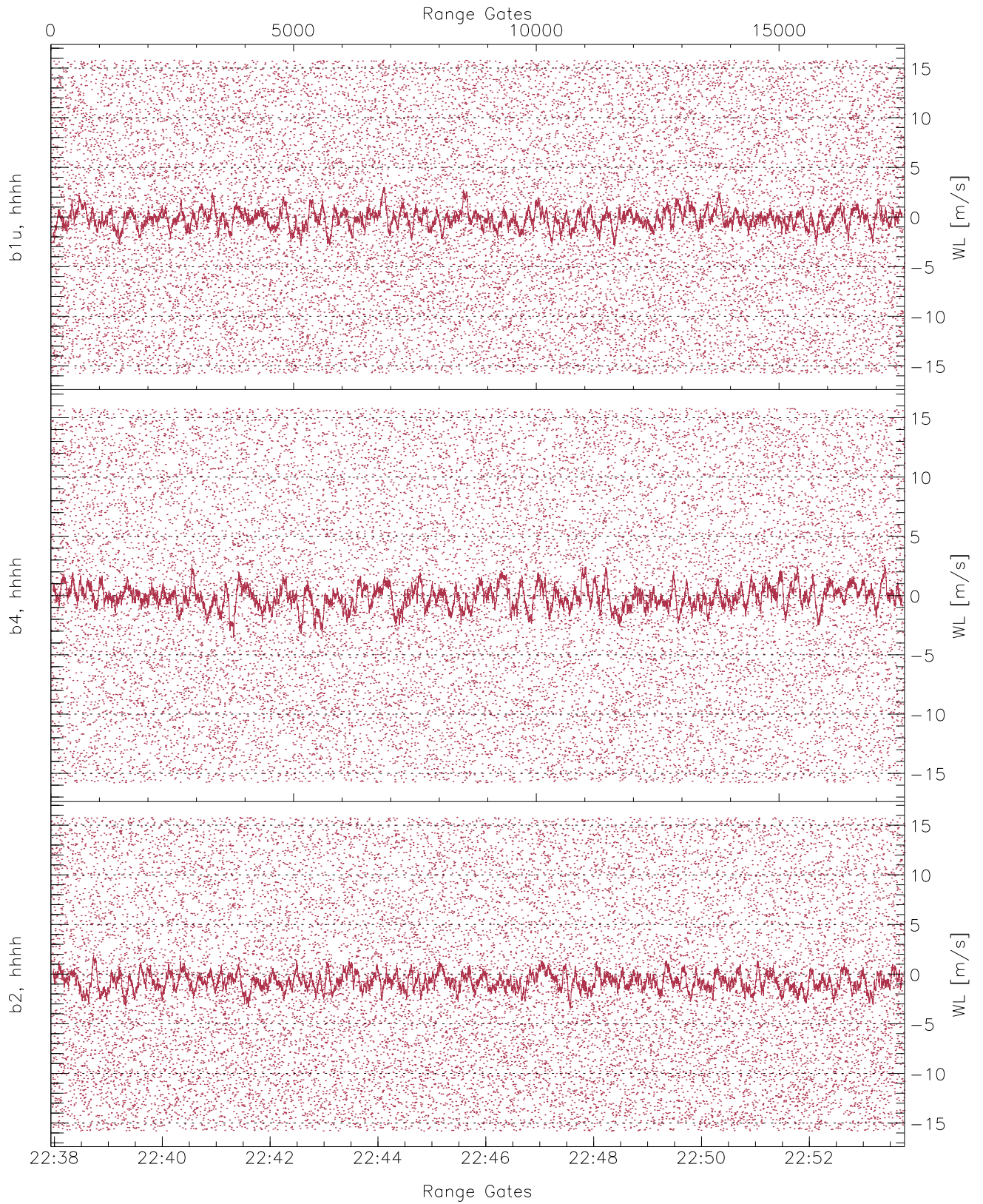


WCR2 CPP Averaged Received power for all recorded gates  
blue: 223756-224551, 8794 profiles averaged  
red: 224551-225346, 8794 profiles averaged

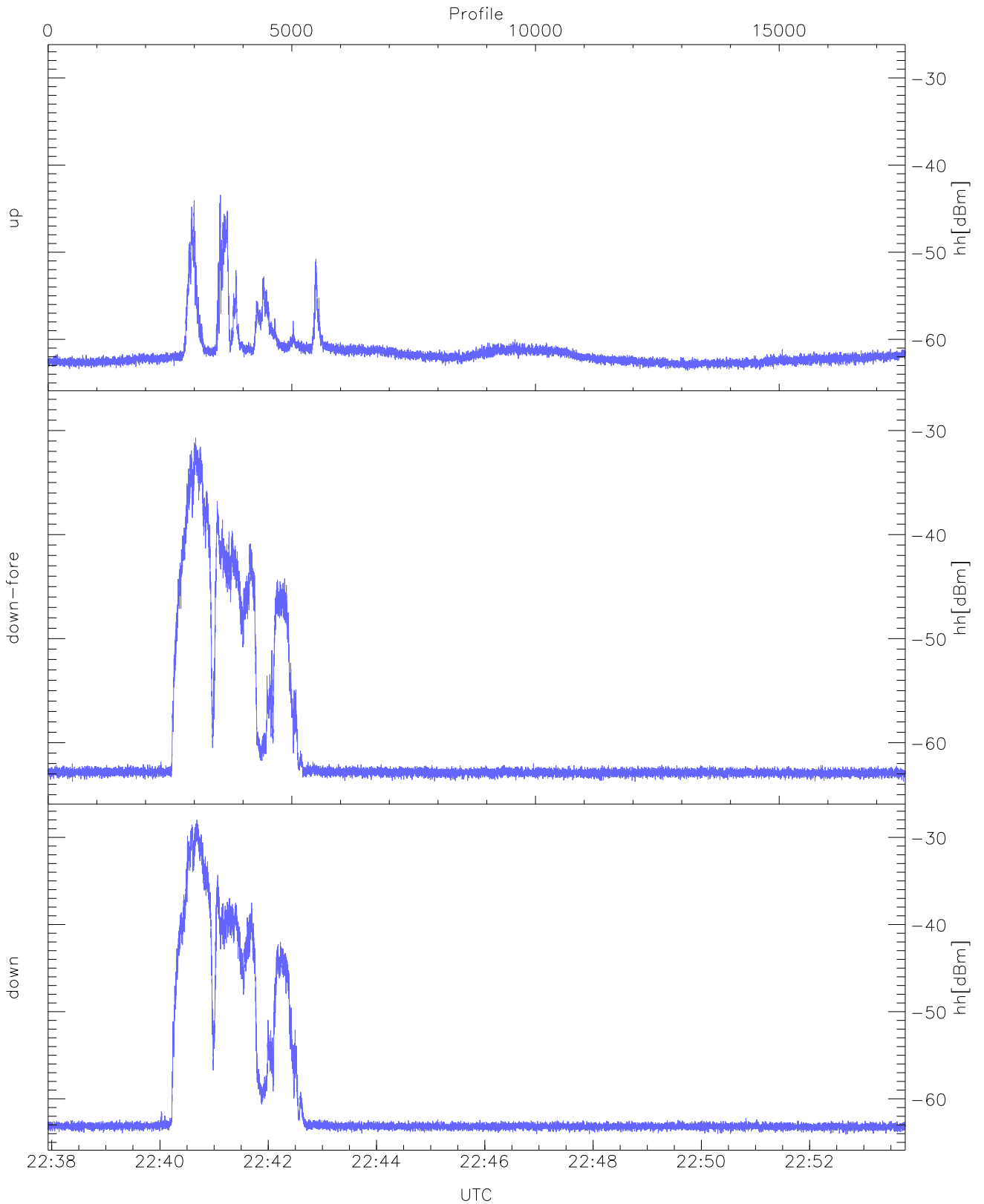




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 223756-224551, 8794 profiles averaged  
red: 224551-225346, 8794 profiles averaged

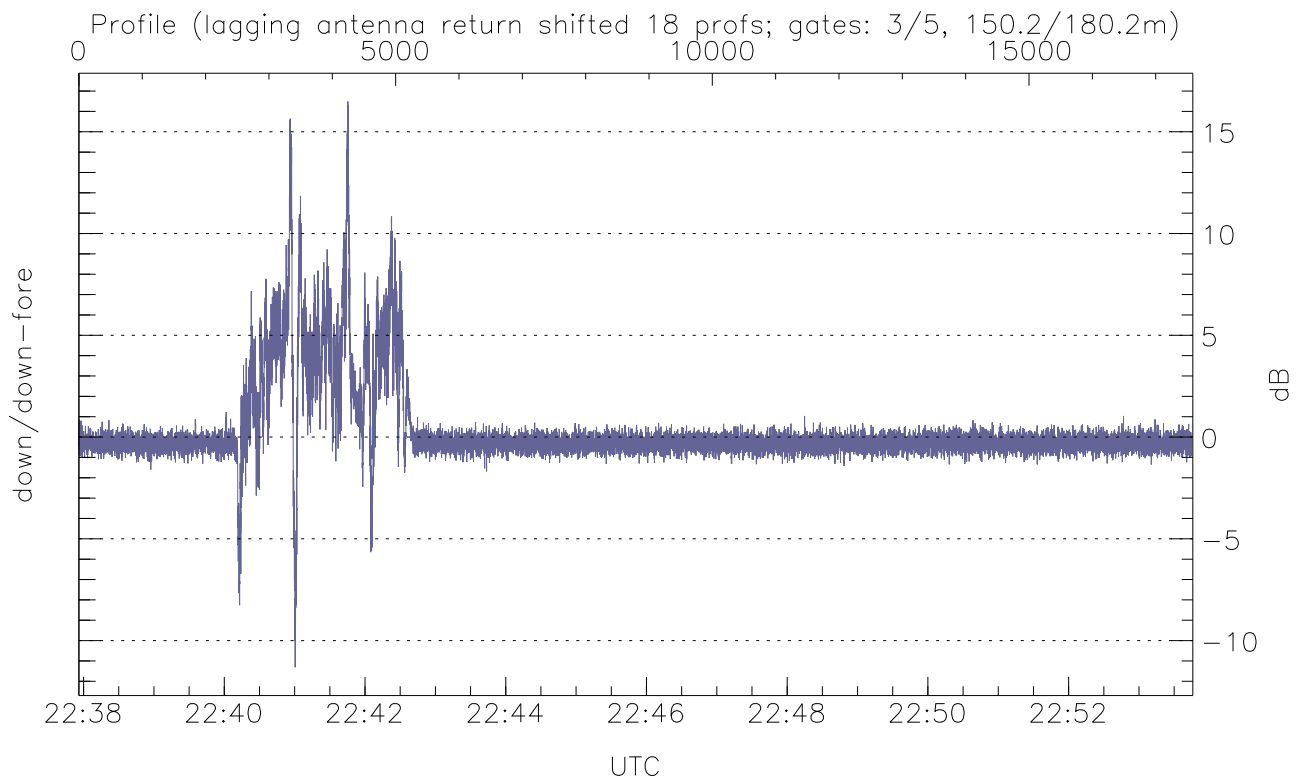
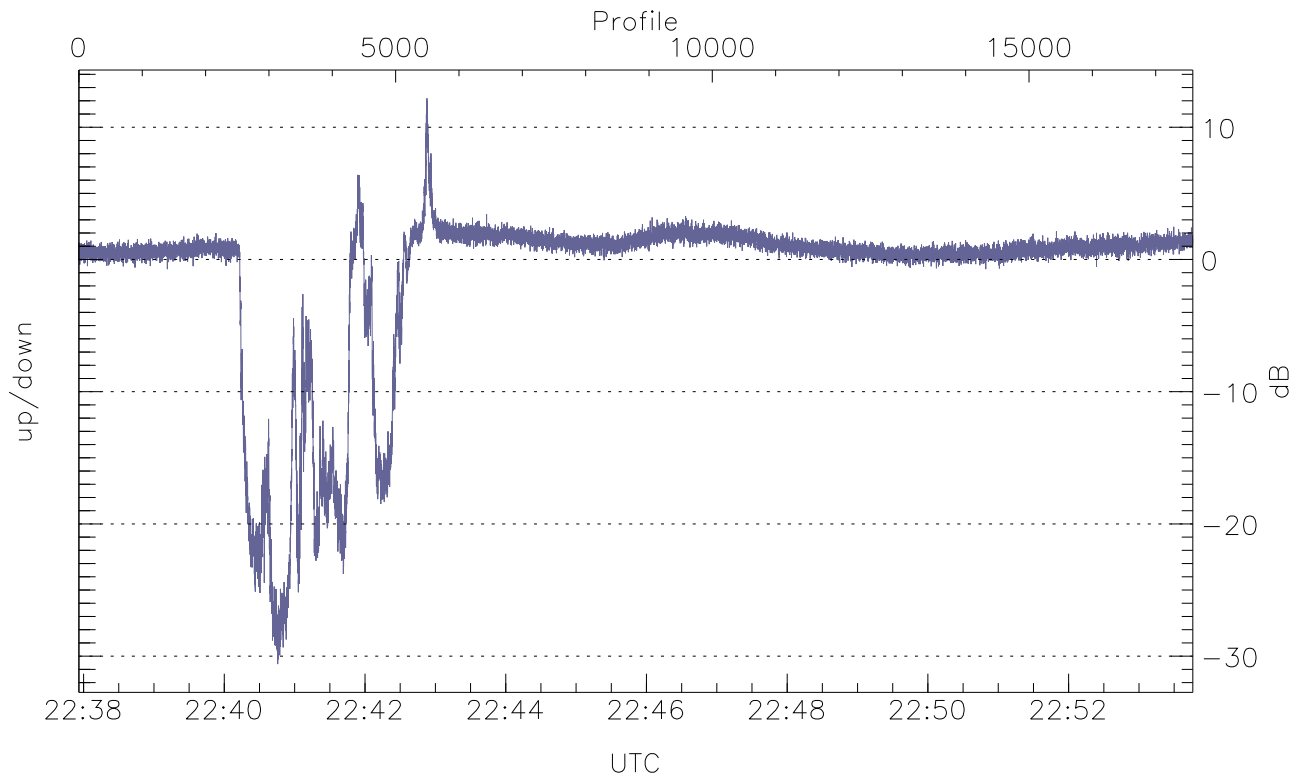


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



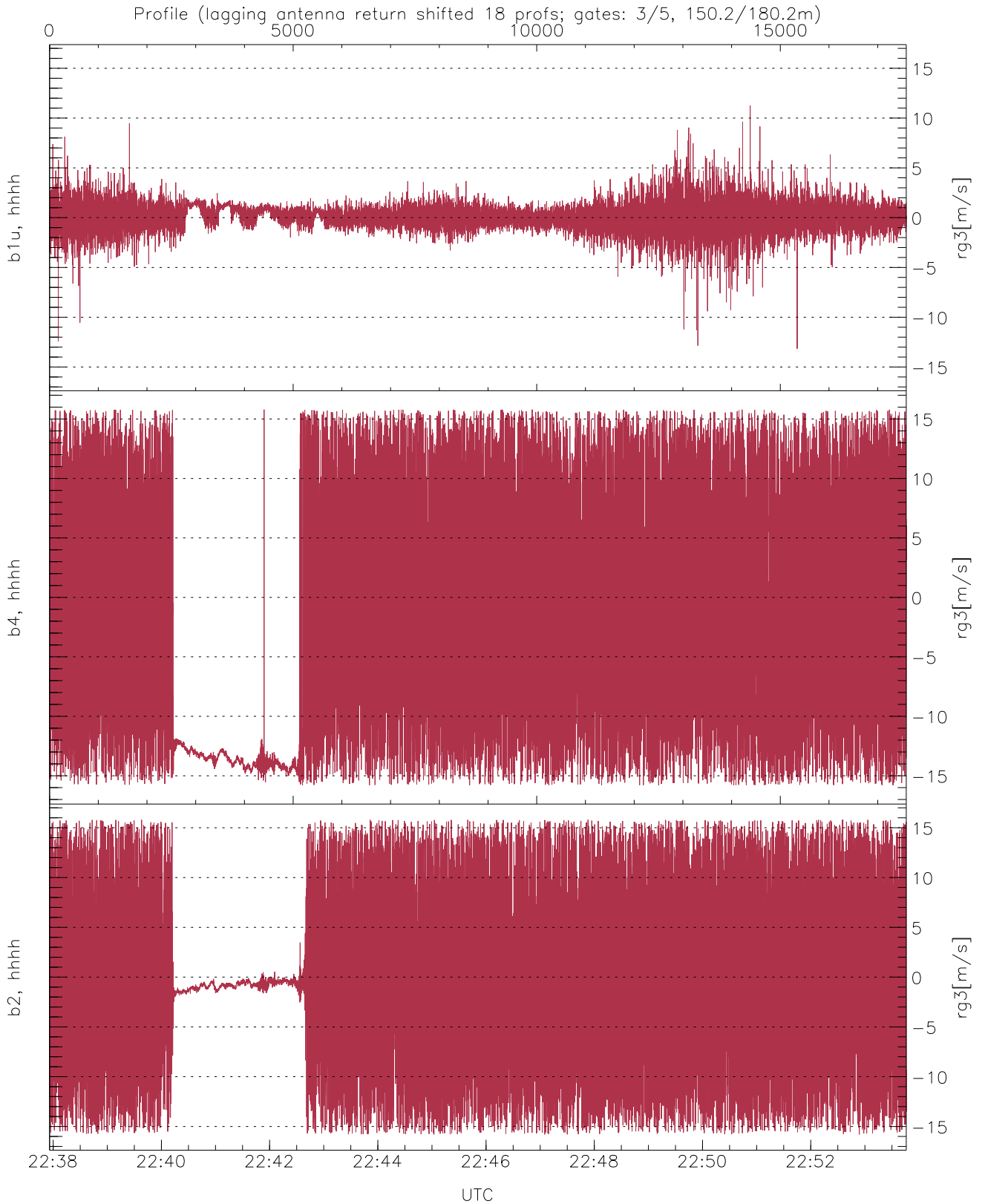
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.59	-43.43	-60.13
down-fore(hh[dBm])	-63.75	-30.70	-48.96
down(hh[dBm])	-64.09	-27.98	-45.92



WCR2 Beam pairs Received Power Ratio(s); RangeGate: 3 (150 m)

	Min	Max	Mean
up/down (dB)	-30.60	12.19	-1.17
down/down-fore (dB)	-11.31	16.49	0.31



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-13.16	11.27	0.09	1.30
b4, hhhh(rg3[m/s])	-15.80	15.80	-2.33	9.66
b2, hhhh(rg3[m/s])	-15.80	15.80	-0.60	8.19