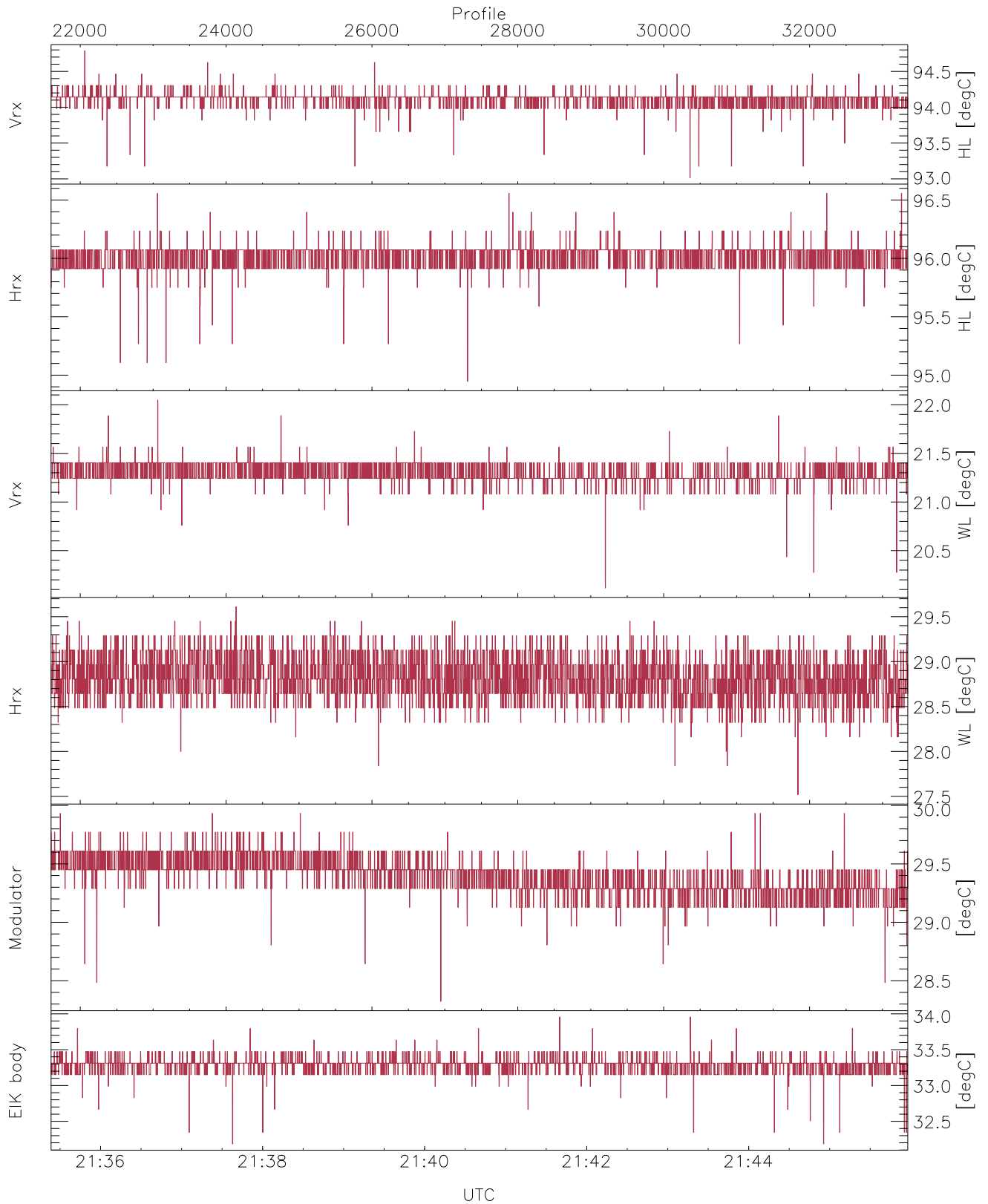


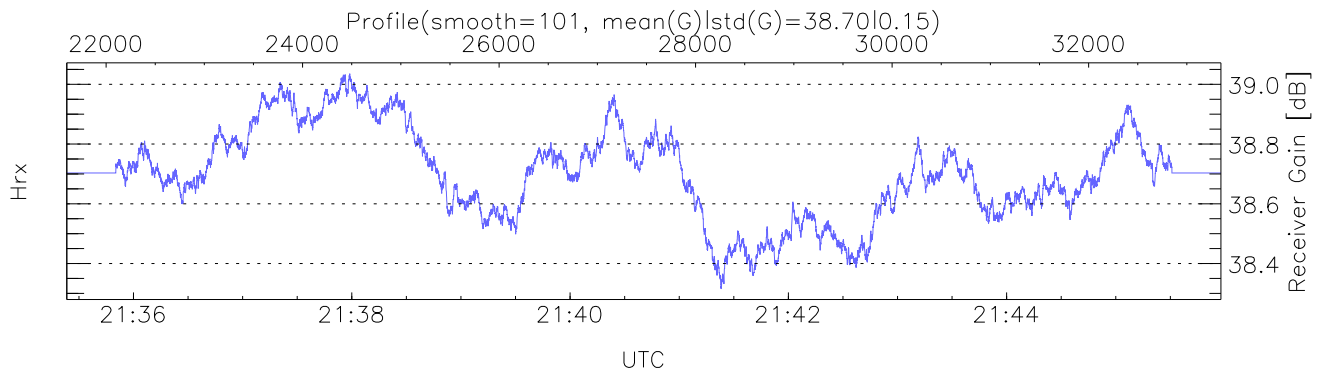
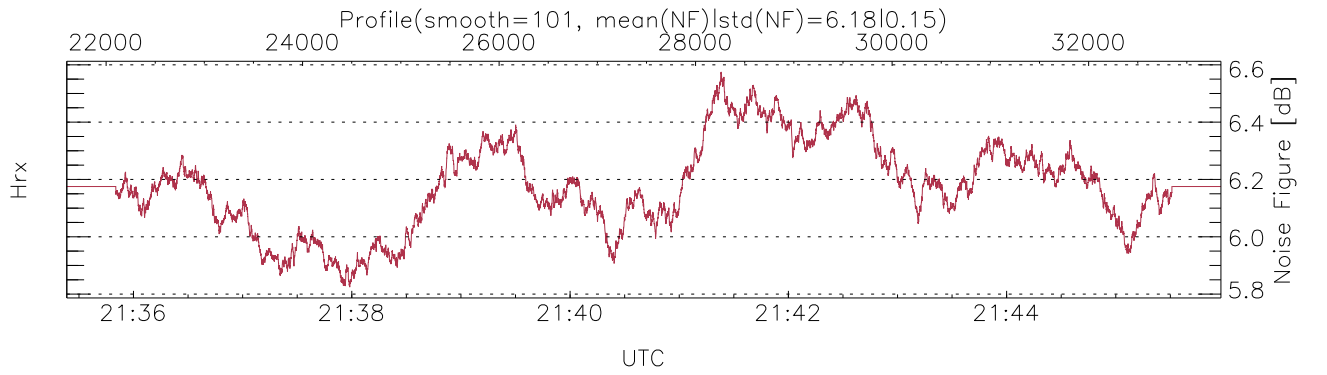
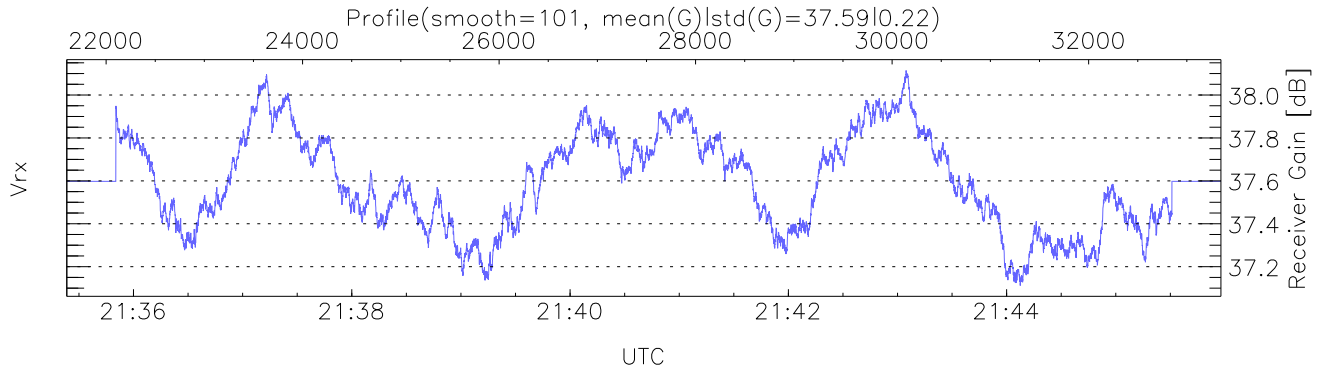
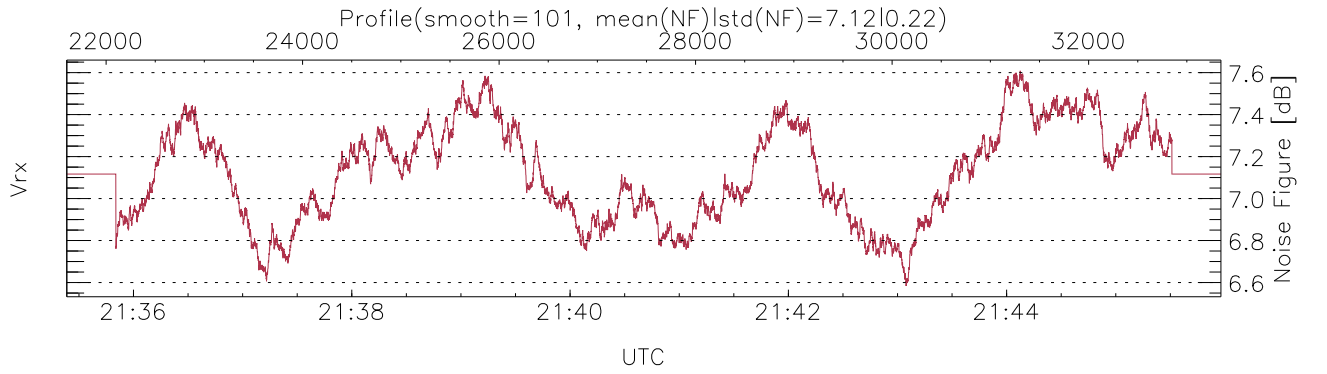
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 21:15:57-21:45:58, Dur: 1801.19s  
 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): 11748/33348, 21600-33347/21:35:23-21:45:58  
 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



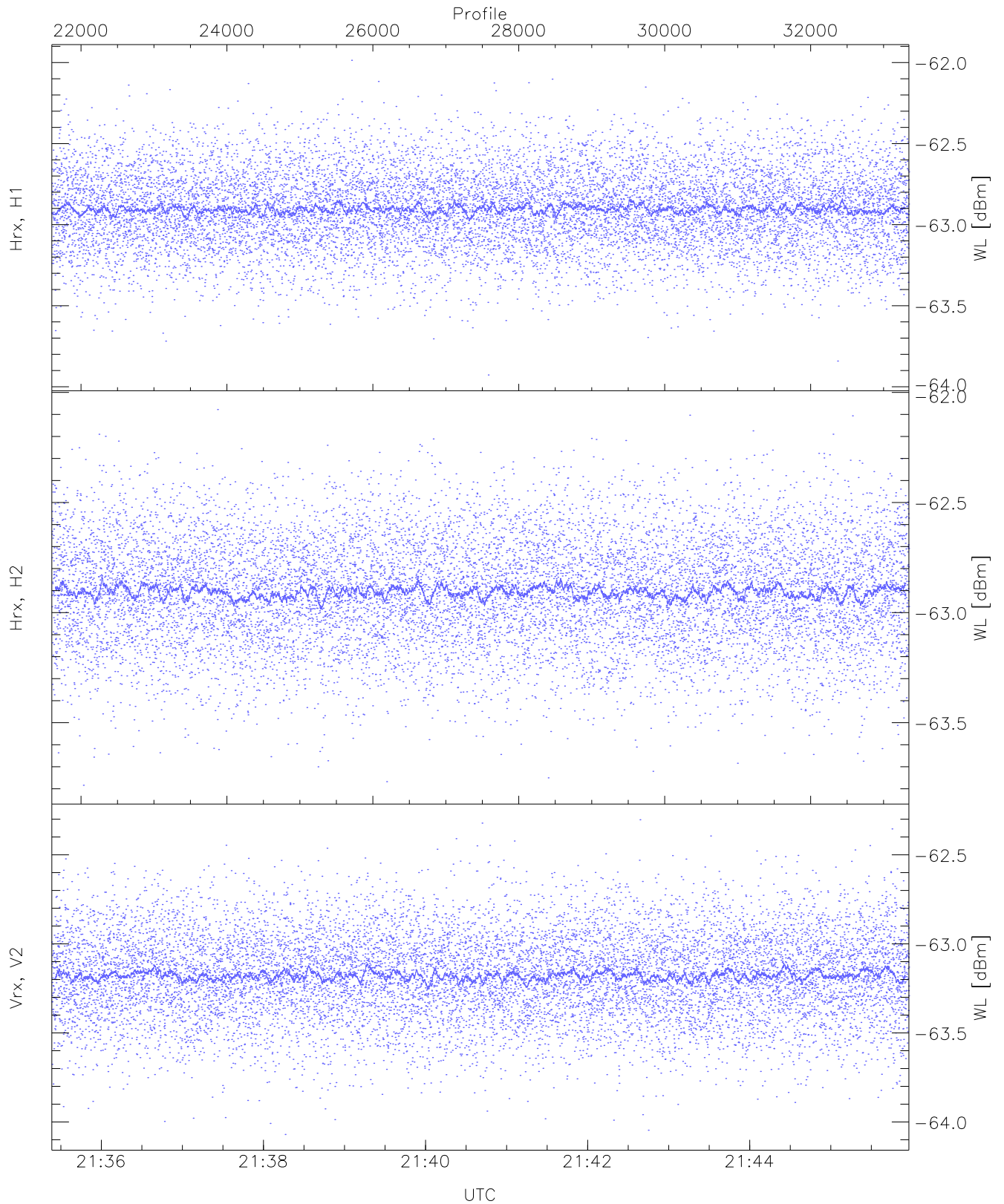
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,20,27,28,32`  
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,22,29,29,33`  
`LOalarm(20,80,240,2.8,14.8 MHz): None`  
`EIK Faults(# prof affected):`  
`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (10,10,10,10,10,10)`



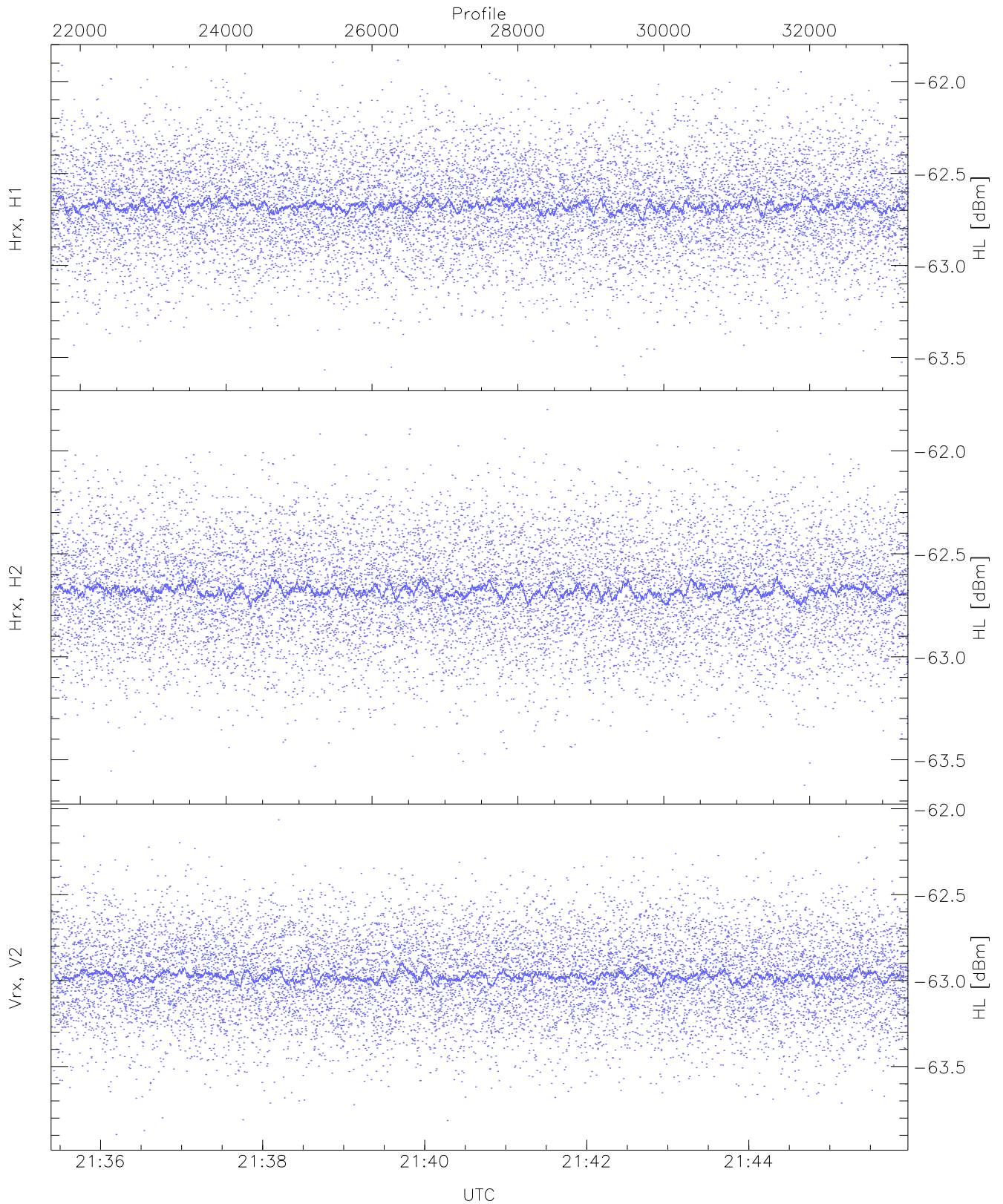
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 71 pixs, 18 gates, 70 profs, 1 prods



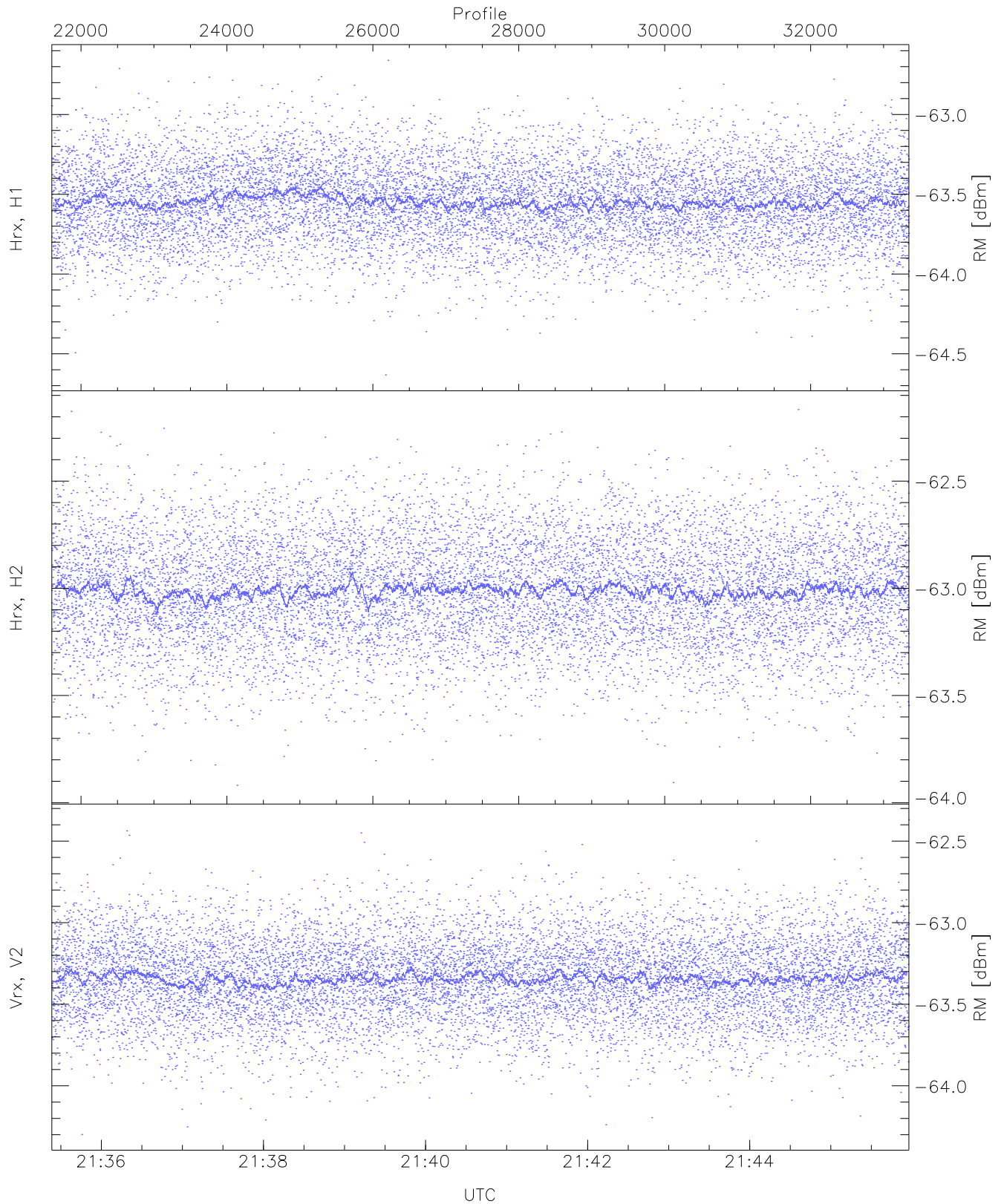
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-63.93	-61.99	-62.90	-62.91	-75.62
Hrx, H2 (WL [dBm])	-63.78	-62.08	-62.90	-62.91	-75.61
Vrx, V2 (WL [dBm])	-64.07	-62.30	-63.17	-63.18	-75.89



WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

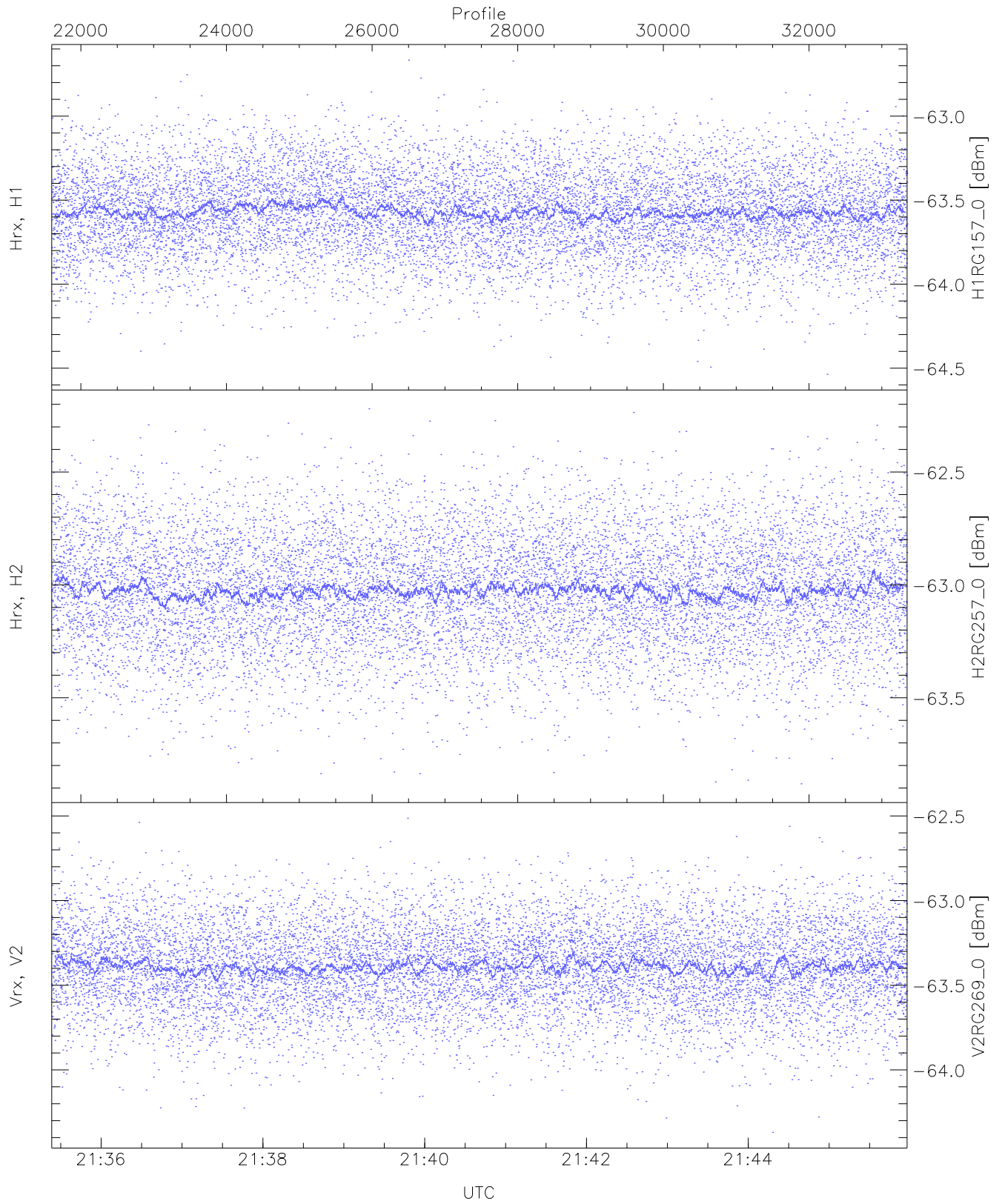
	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.60	-61.88	-62.67	-62.68	-75.39
Hrx, H2 (HL [dBm])	-63.62	-61.80	-62.68	-62.68	-75.38
Vrx, V2 (HL [dBm])	-63.90	-62.06	-62.97	-62.98	-75.71



WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

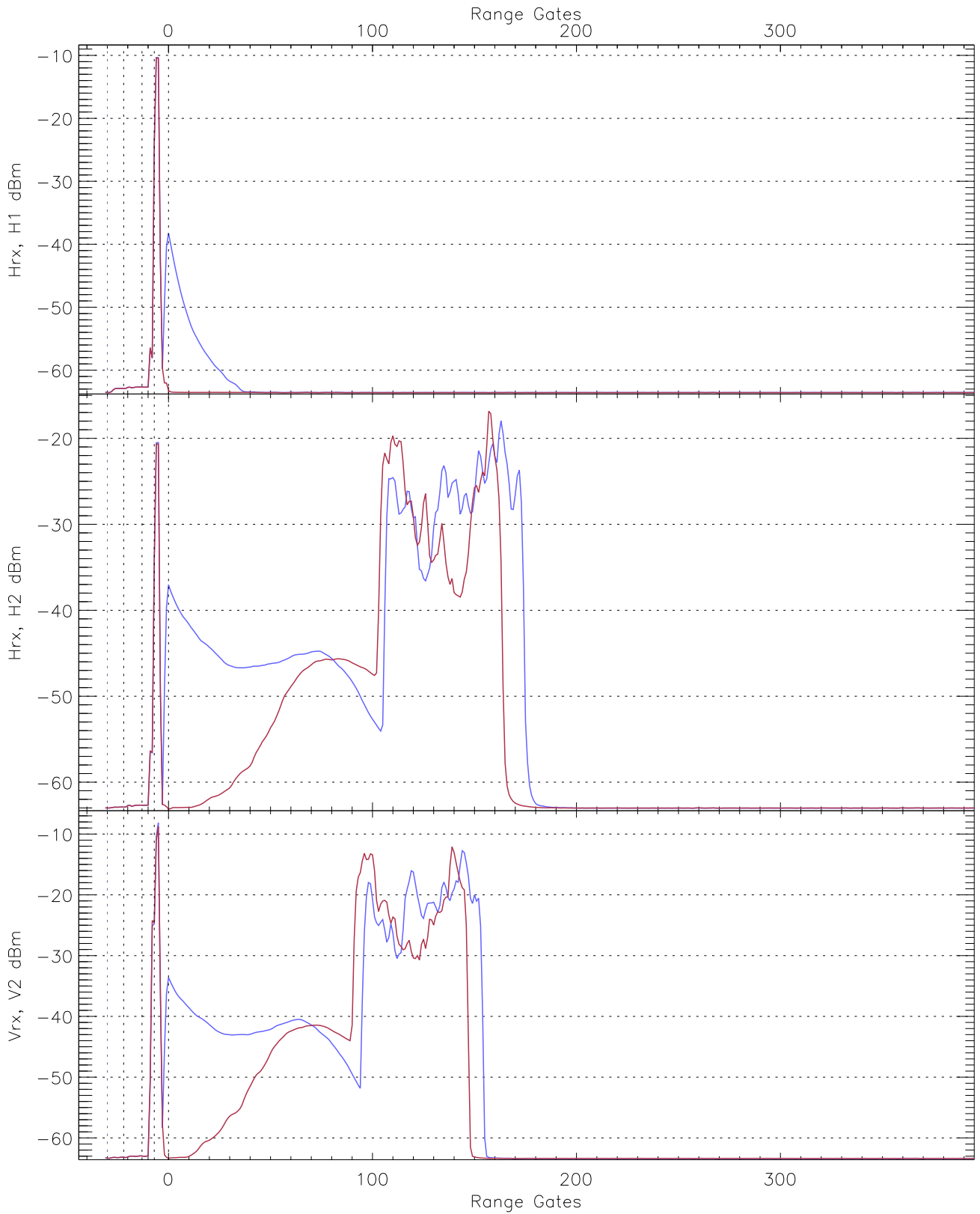
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.63	-62.66	-63.54	-63.55	-76.22
Hrx, H2 (RM [dBm])	-63.92	-62.17	-63.01	-63.01	-75.67
Vrx, V2 (RM [dBm])	-64.30	-62.37	-63.34	-63.34	-76.03





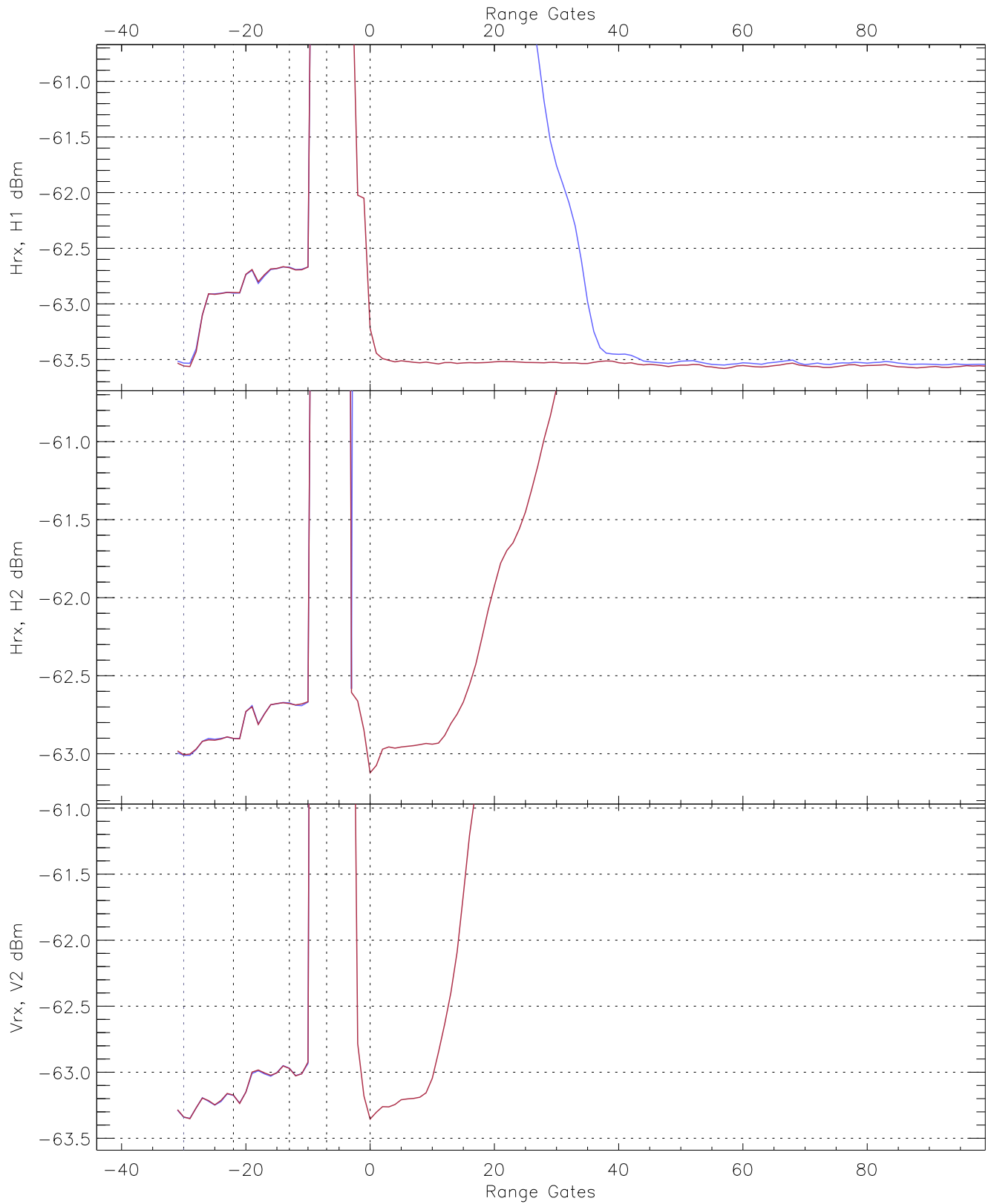
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG157_0 [dBm]	-64.54	-62.67	-63.57	-63.57	-76.26
H2RG257_0 [dBm]	-63.88	-62.22	-63.02	-63.02	-75.72
V2RG269_0 [dBm]	-64.37	-62.51	-63.39	-63.39	-76.07

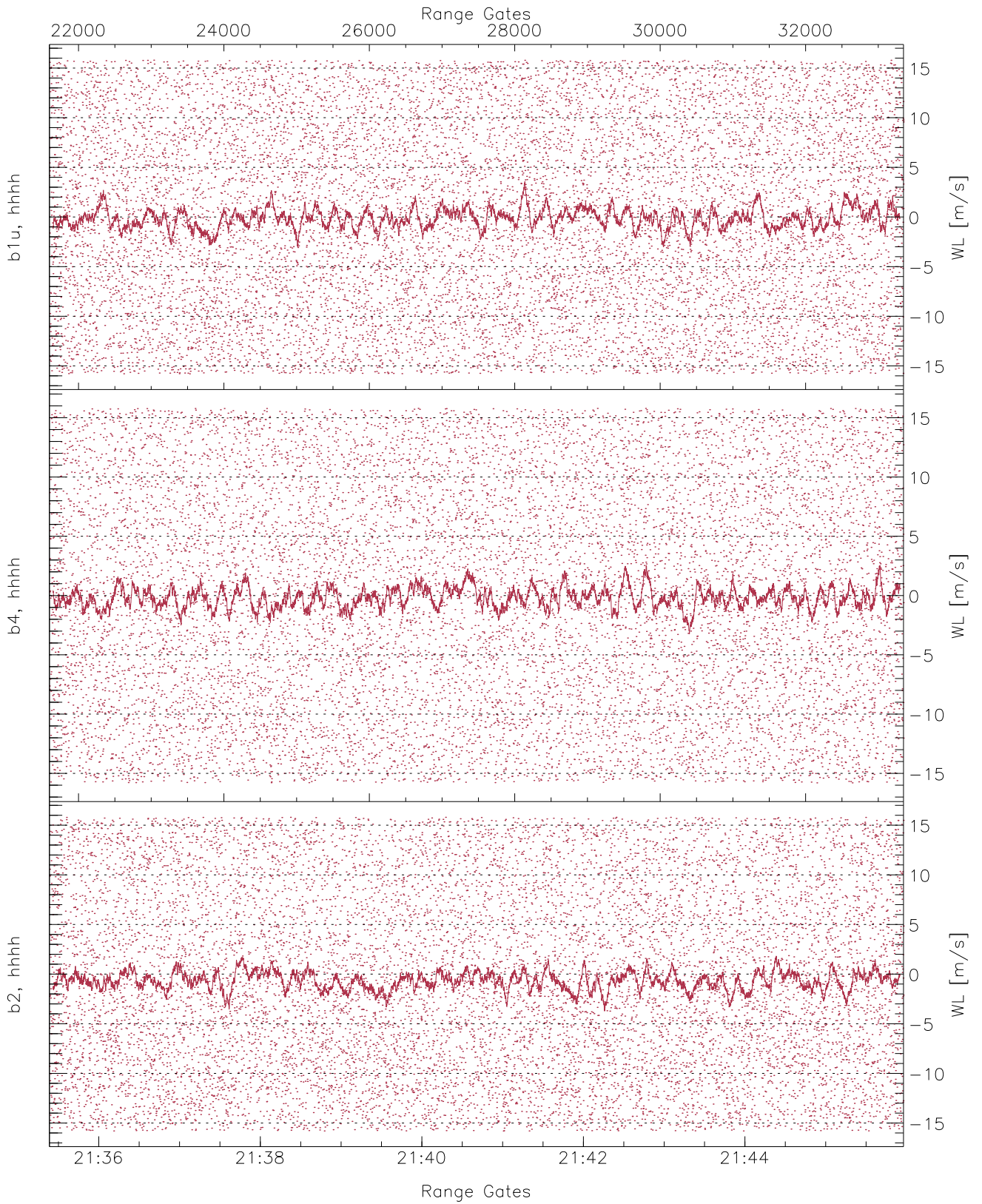


WCR2 CPP Averaged Received power for all recorded gates  
blue: 213523-214041, 5875 profiles averaged  
red: 214041-214558, 5874 profiles averaged

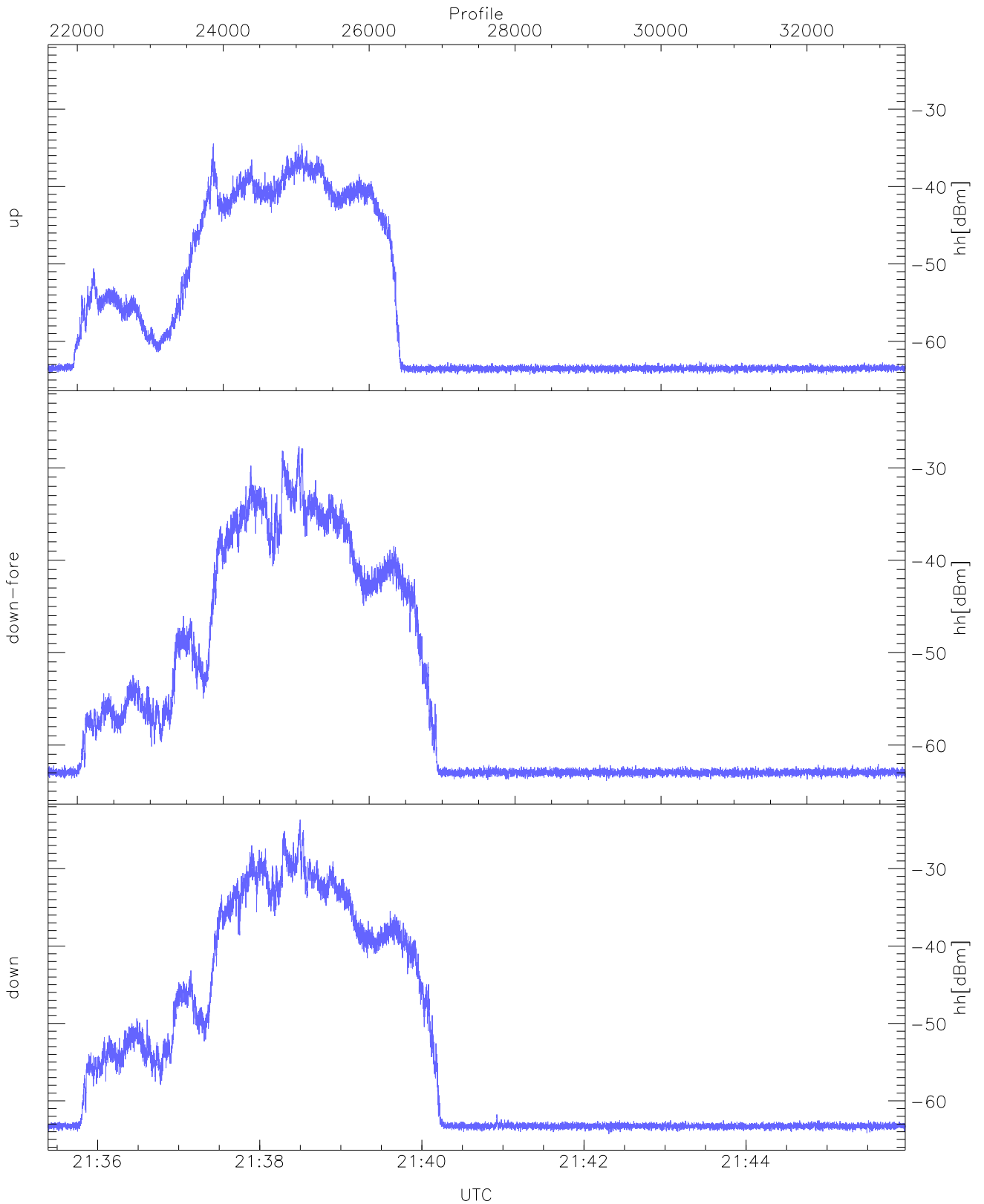




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 213523-214041, 5875 profiles averaged  
red: 214041-214558, 5874 profiles averaged

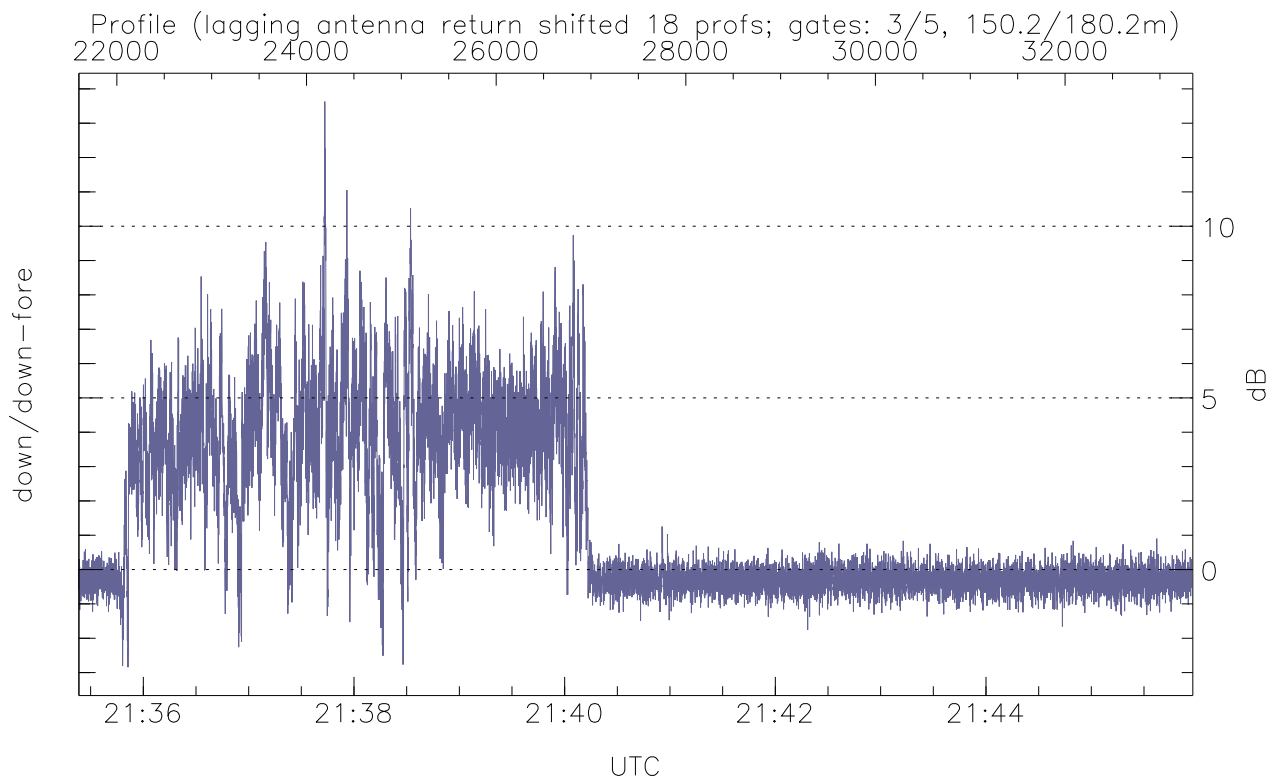
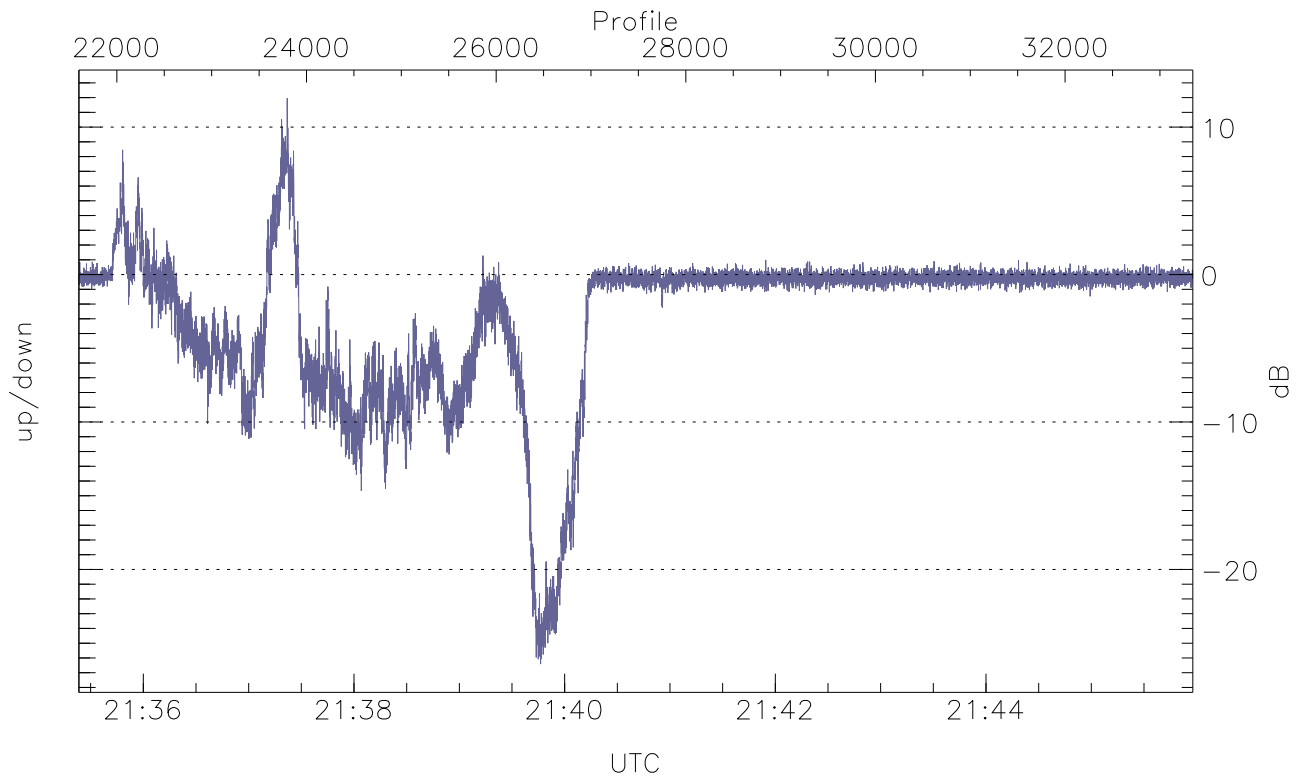


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



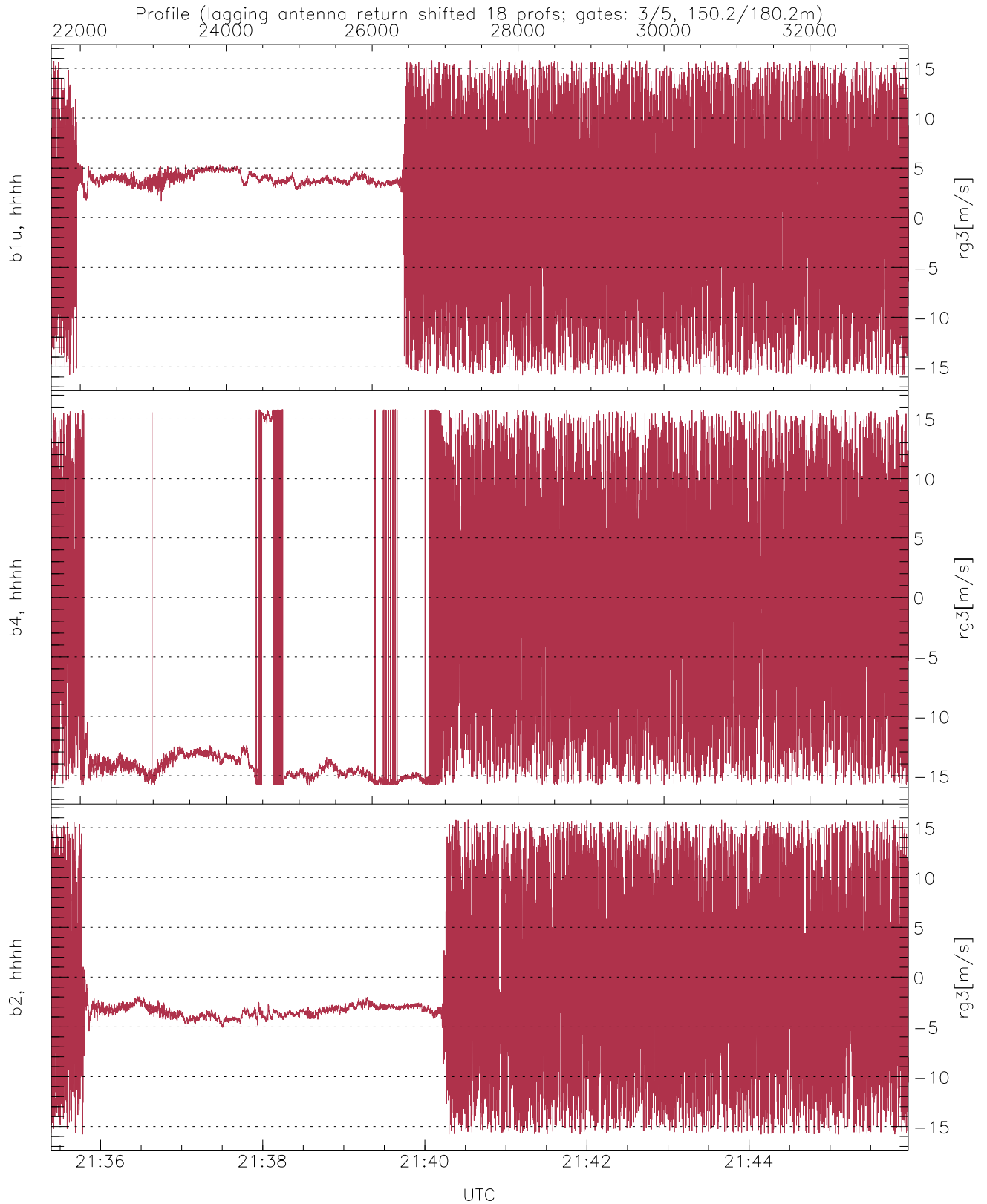
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-64.35	-34.45	-46.24
down-fore(hh[dBm])	-63.87	-27.68	-41.87
down(hh[dBm])	-64.29	-23.68	-38.69



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

	Min	Max	Mean
up/down (dB)	-26.42	11.95	-2.80
down/down-fore (dB)	-2.85	13.63	1.49



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.80	15.79	1.34	7.22
b4, hhhh(rg3[m/s])	-15.80	15.80	-5.33	10.34
b2, hhhh(rg3[m/s])	-15.80	15.79	-1.74	6.87