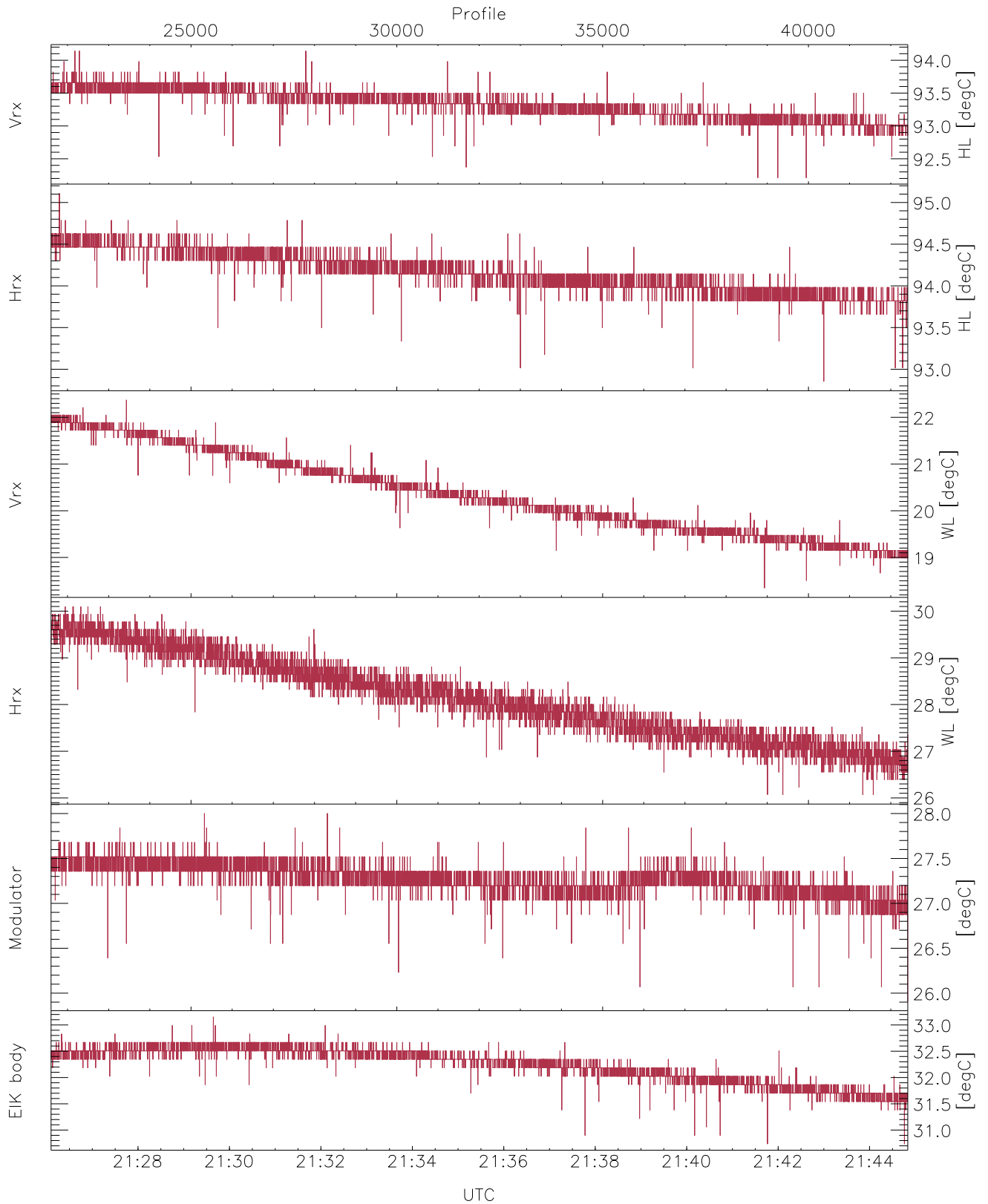


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

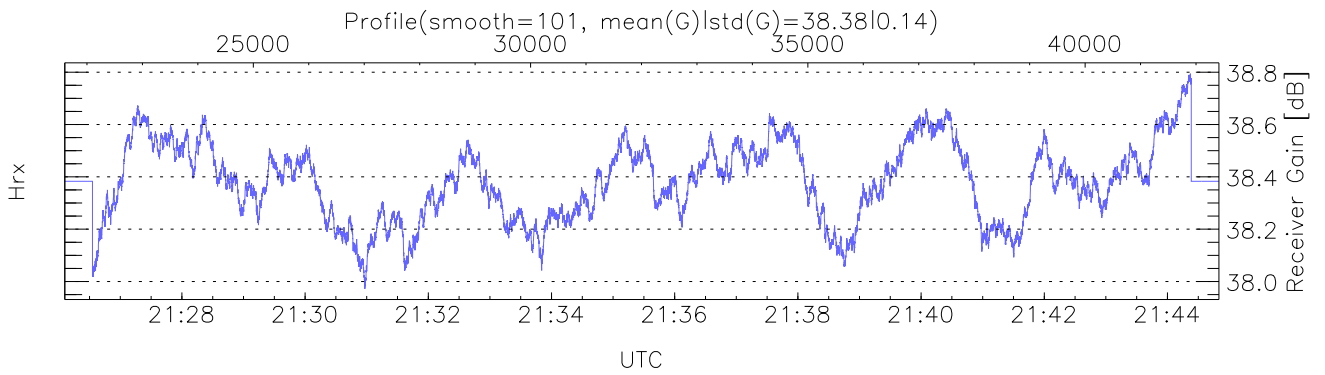
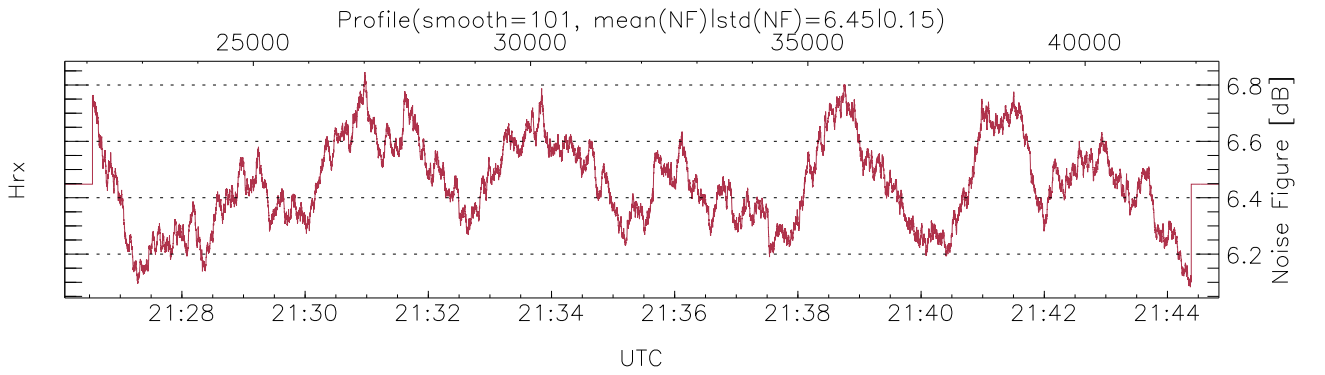
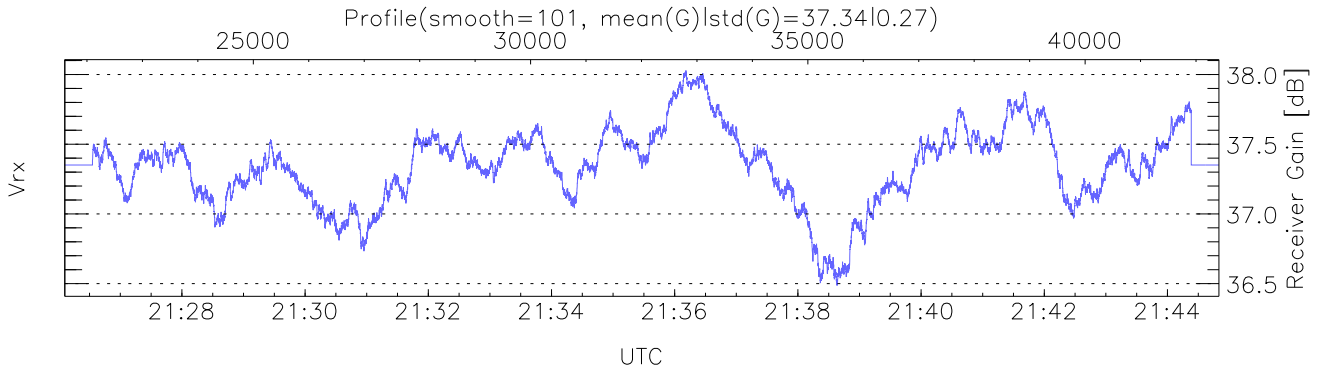
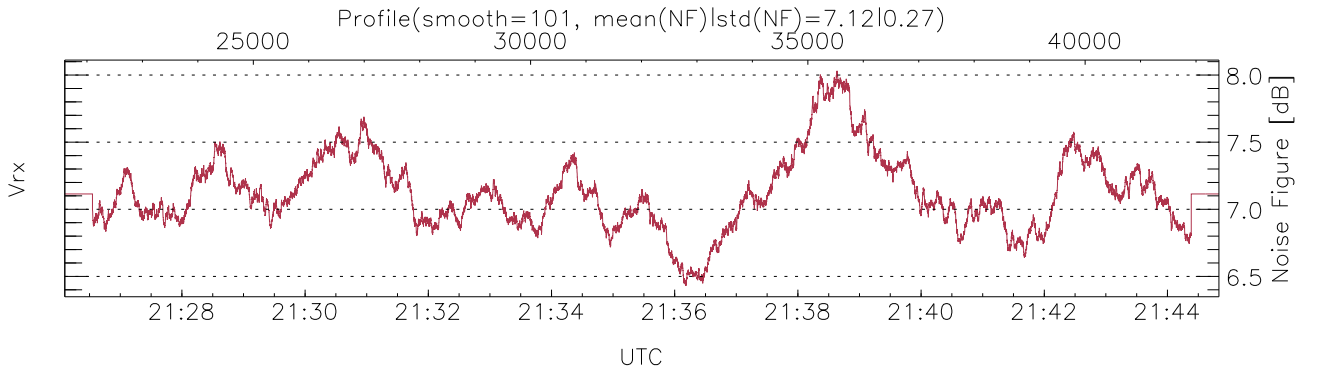
UTC: 21:06:39-21:44:50, Dur: 2290.93s  
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant  
 TimeInt/PPS(min,max,mn,std): 54.0,54.0,54.0,0.0 ms / 19,19,19  
 NumRec(r/t): 20815/42415, 21600-42414/21:26:06-21:44:50  
 AcqTime: 54.0ms, Rate: 287KB/s, Averages: 180  
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 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

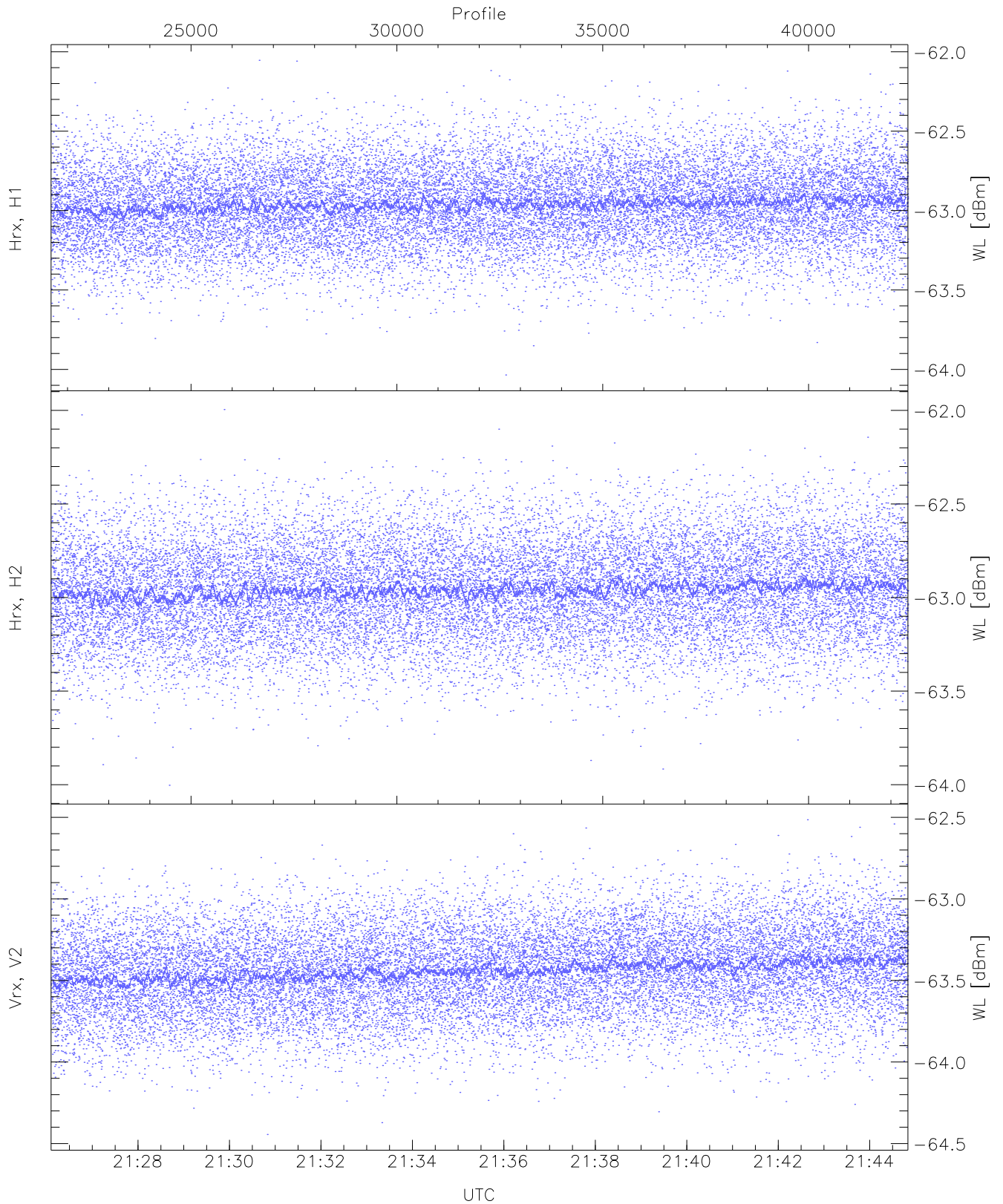
`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,92,18,26,25,30`  
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,95,22,30,28,33`  
`LOalarm(20,80,240,2.8,14.8 MHz): None`

`EIK Faults(# prof affected):`  
`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (19,19,19,19,19,5)`



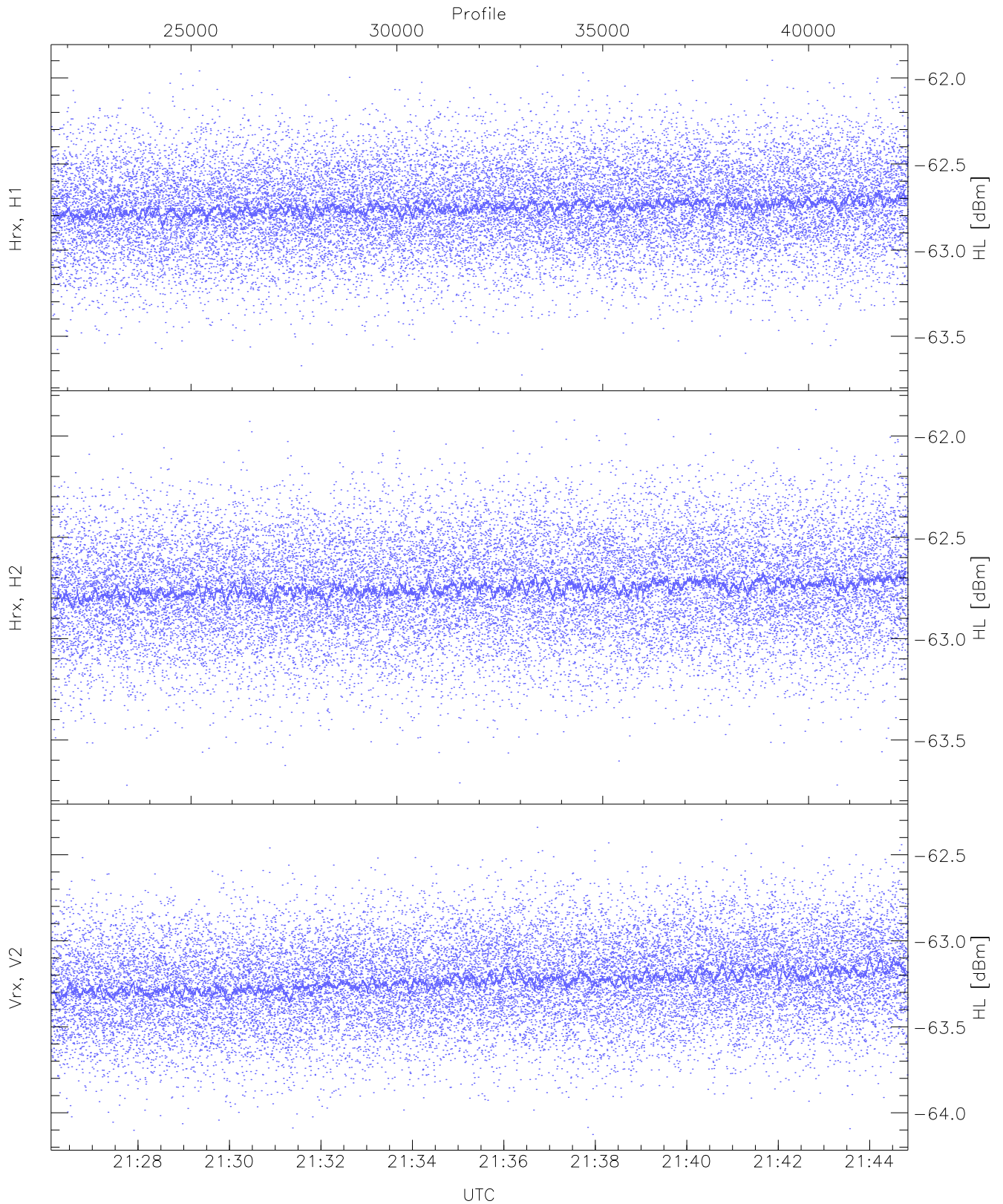
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 44 pixs, 1 gates, 44 profs, 1 prods



WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

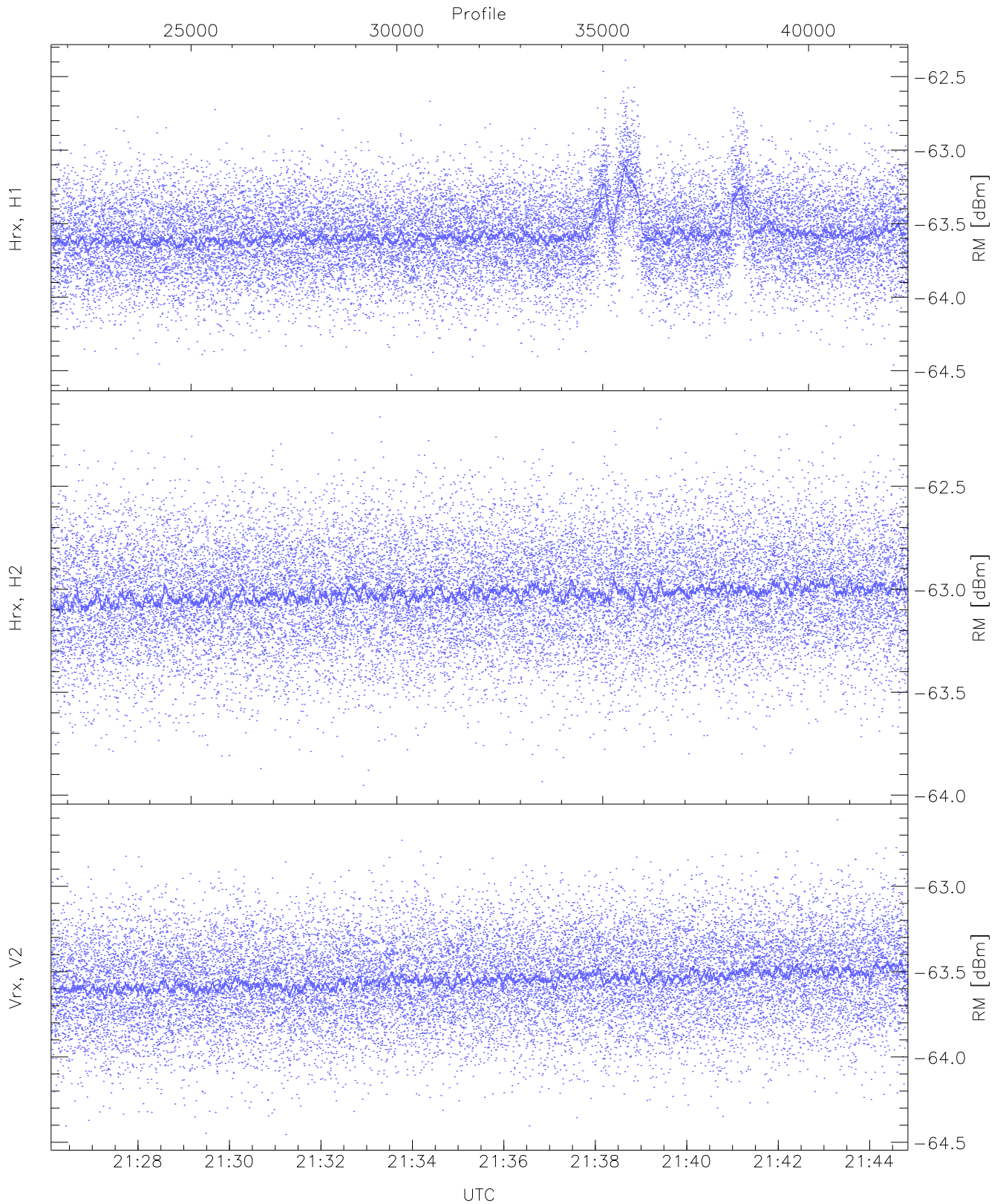
	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-64.04	-62.05	-62.96	-62.96	-75.67
Hrx, H2 (WL [dBm])	-64.00	-62.00	-62.96	-62.96	-75.64
Vrx, V2 (WL [dBm])	-64.44	-62.51	-63.44	-63.44	-76.05



WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

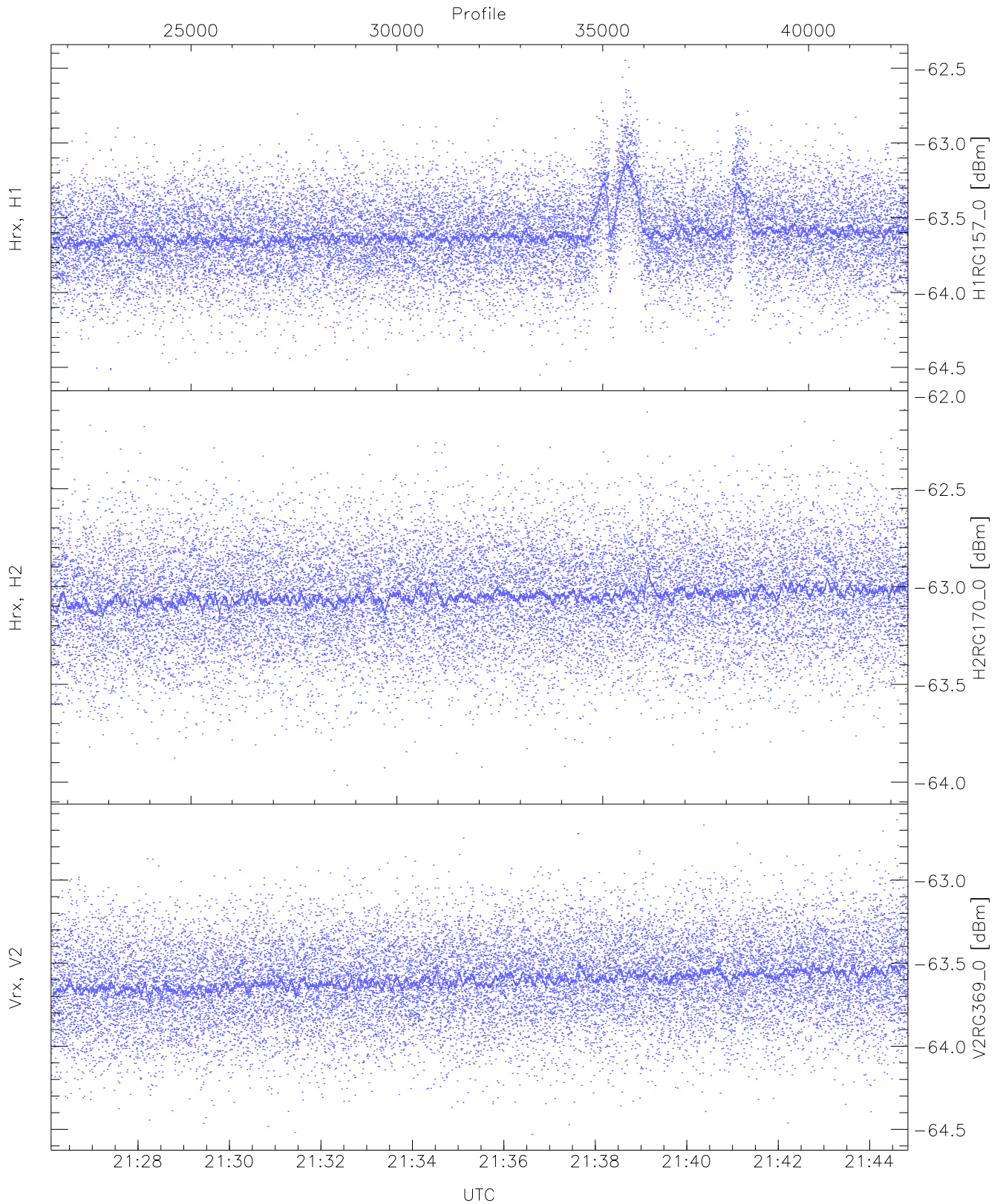
	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-63.72	-61.90	-62.75	-62.75	-75.46
Hrx, H2(HL [dBm])	-63.72	-61.87	-62.75	-62.75	-75.44
Vrx, V2(HL [dBm])	-64.13	-62.30	-63.23	-63.24	-75.86





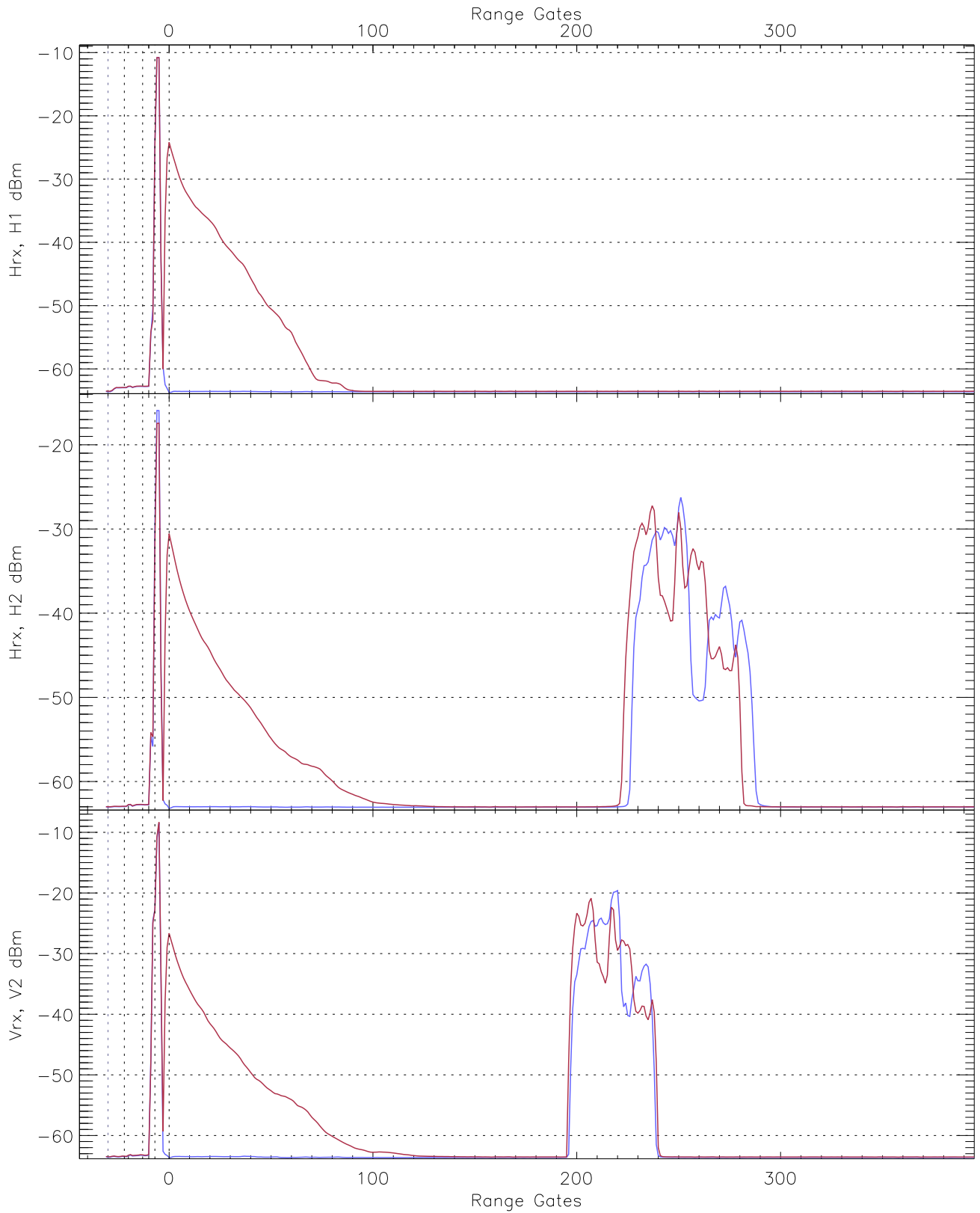
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.53	-62.39	-63.57	-63.58	-75.97
Hrx, H2 (RM [dBm])	-63.95	-62.13	-63.02	-63.02	-75.70
Vrx, V2 (RM [dBm])	-64.45	-62.61	-63.54	-63.55	-76.18



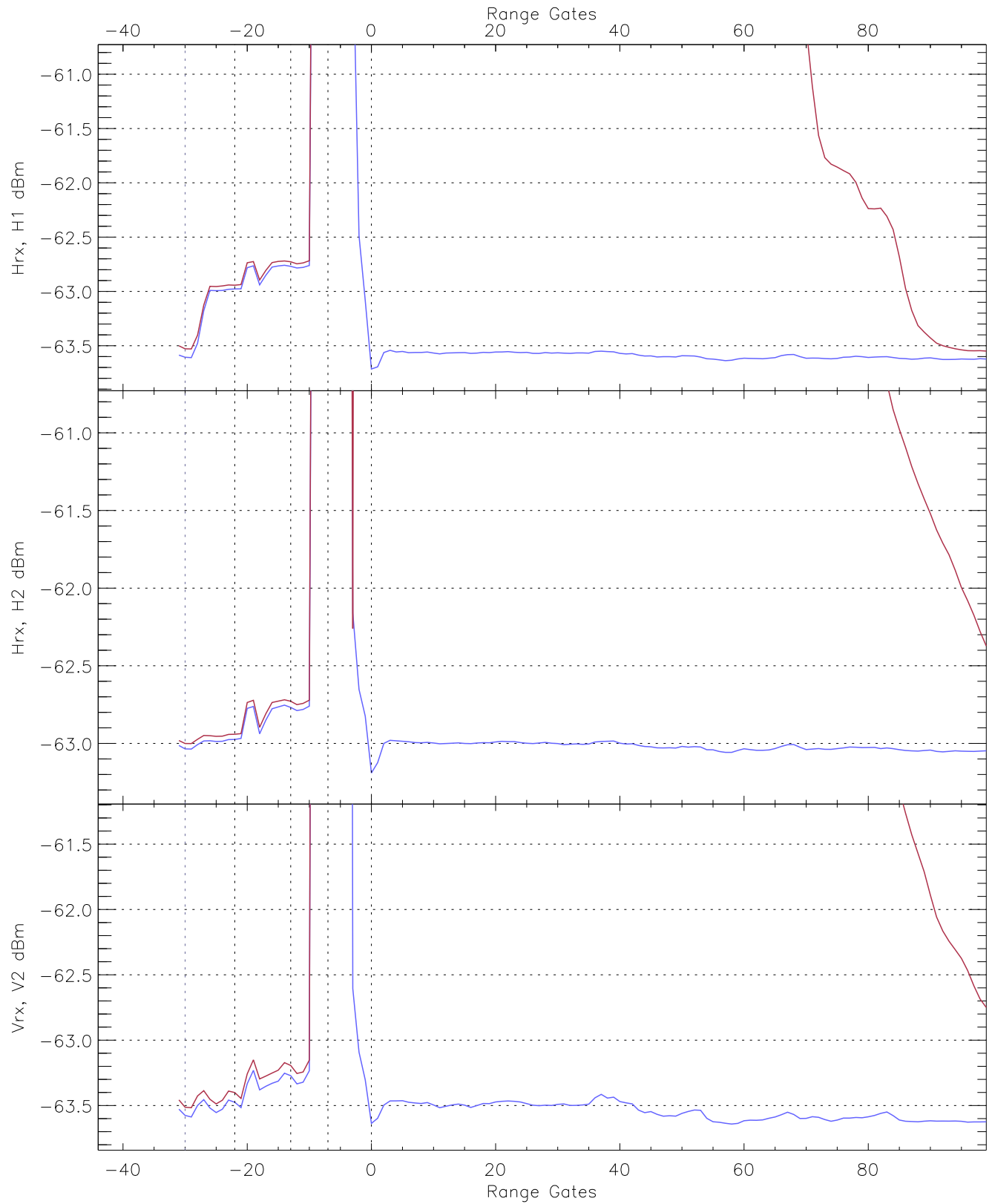
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG157_0 [dBm]	-64.55	-62.45	-63.60	-63.61	-76.05
H2RG170_0 [dBm]	-64.02	-62.10	-63.05	-63.05	-75.72
V2RG369_0 [dBm]	-64.53	-62.64	-63.60	-63.61	-76.23

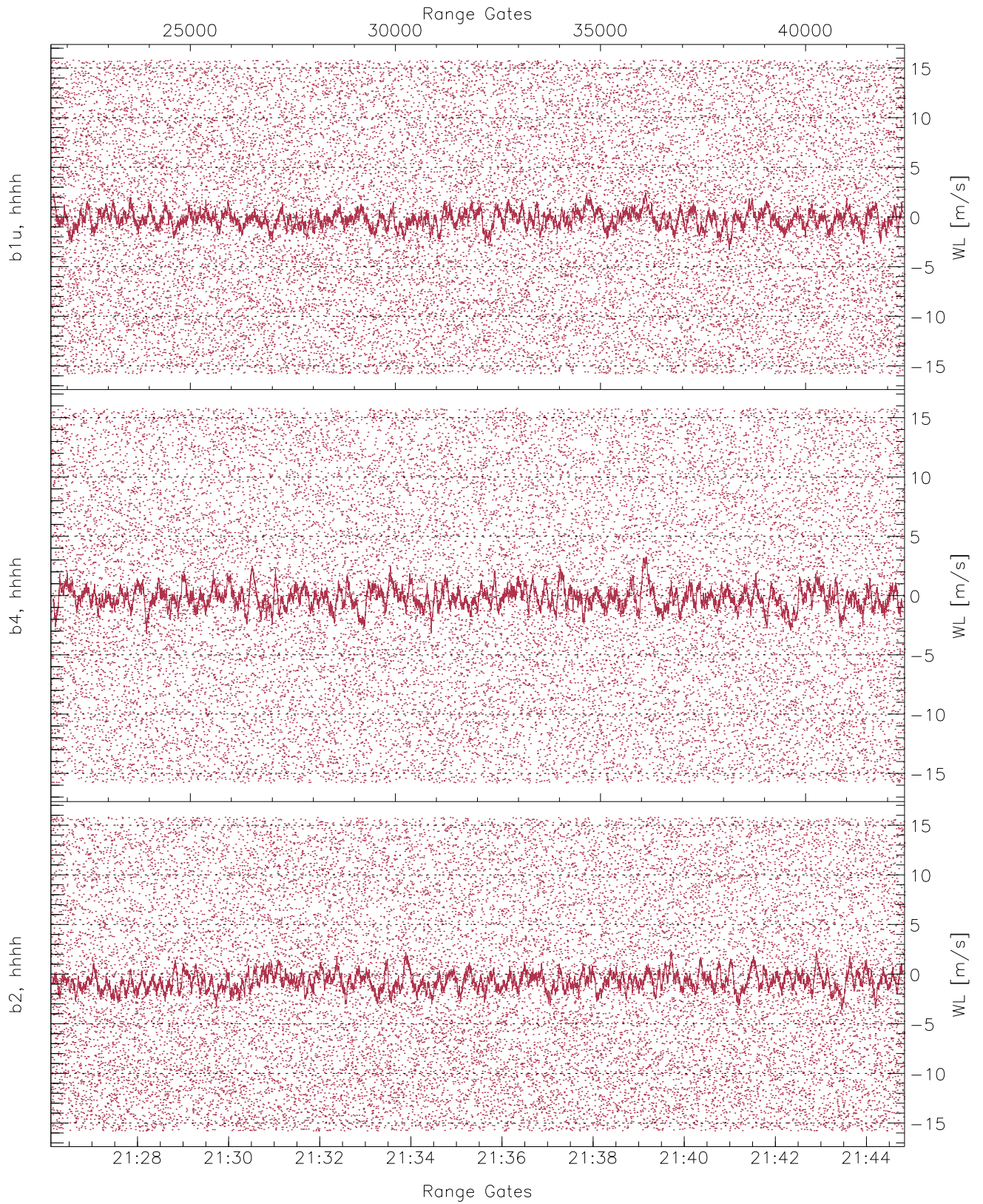


WCR2 CPP Averaged Received power for all recorded gates  
blue: 212606-213528, 10408 profiles averaged  
red: 213528-214450, 10408 profiles averaged

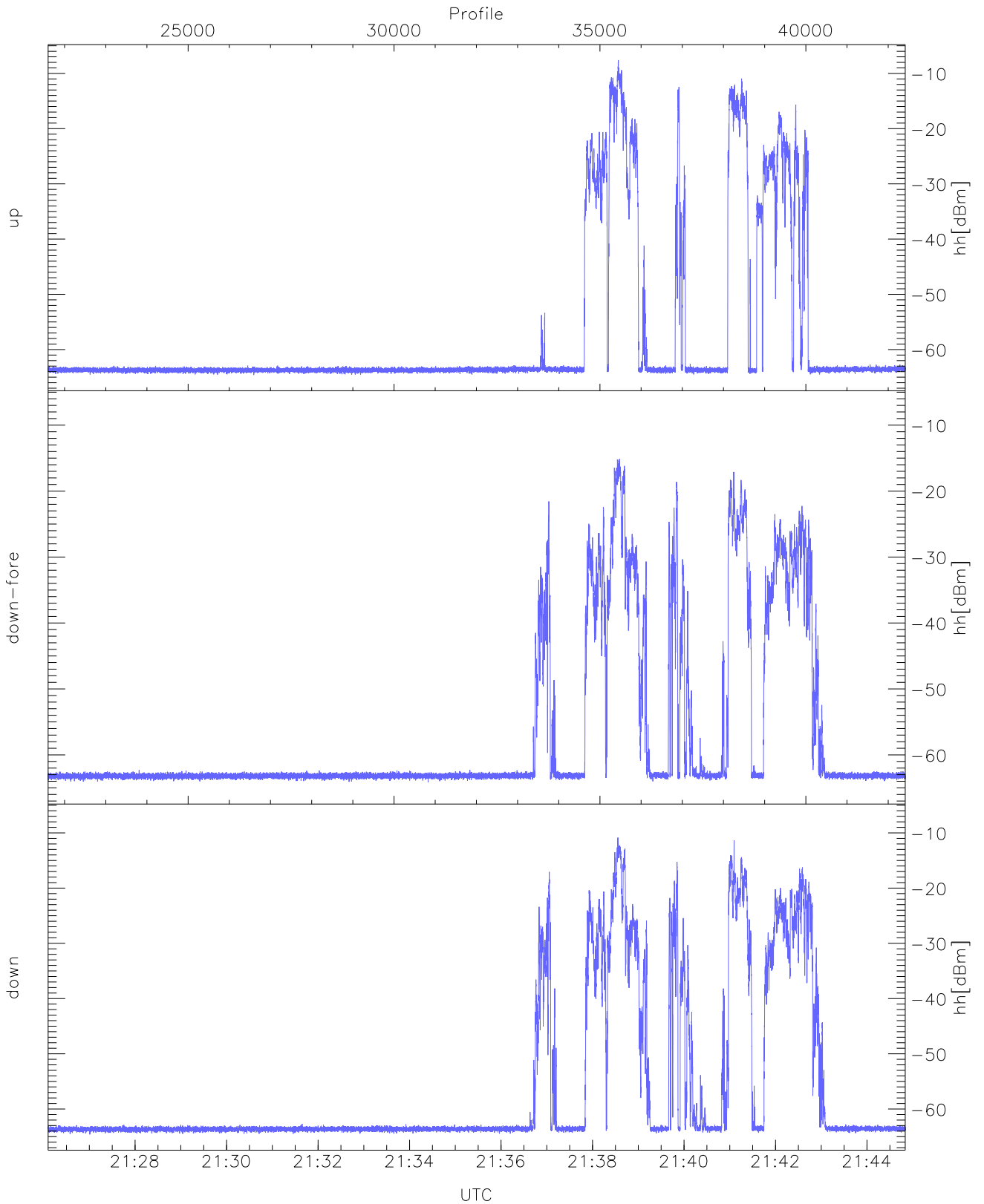




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 212606-213528, 10408 profiles averaged  
red: 213528-214450, 10408 profiles averaged

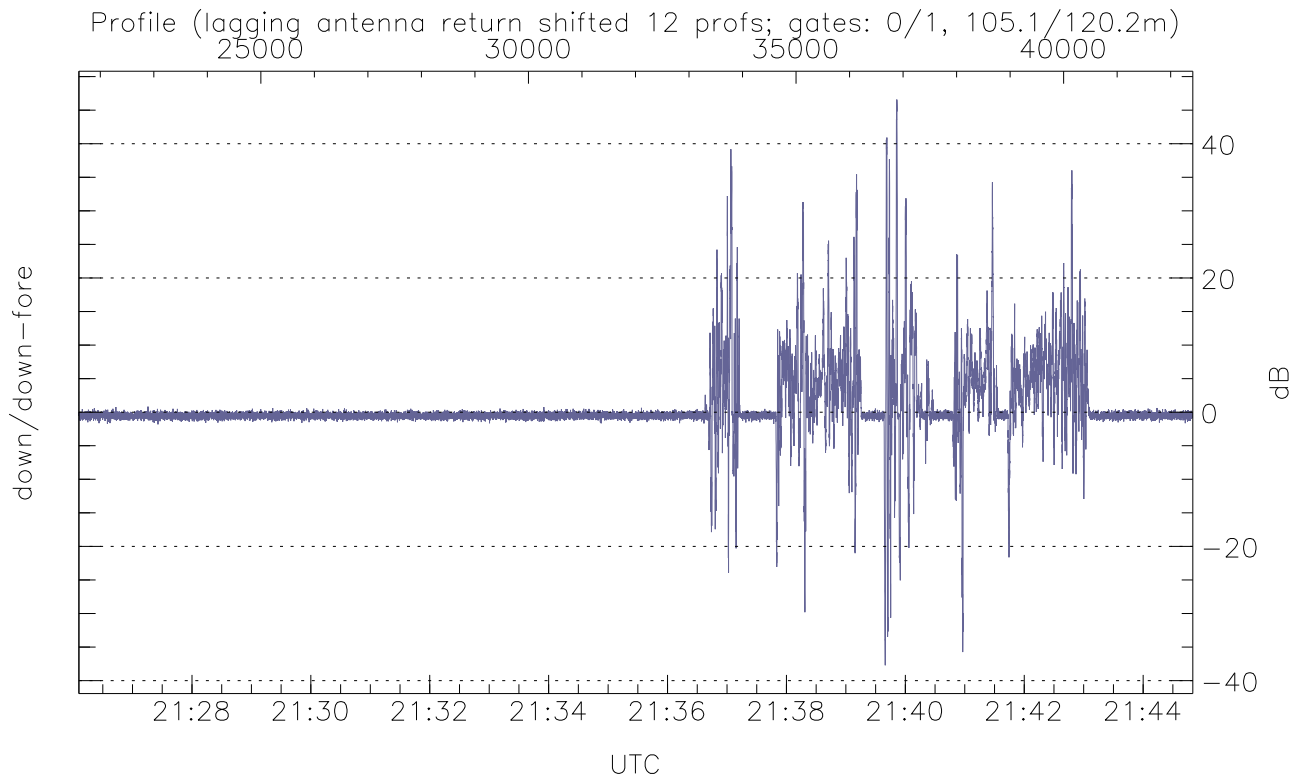
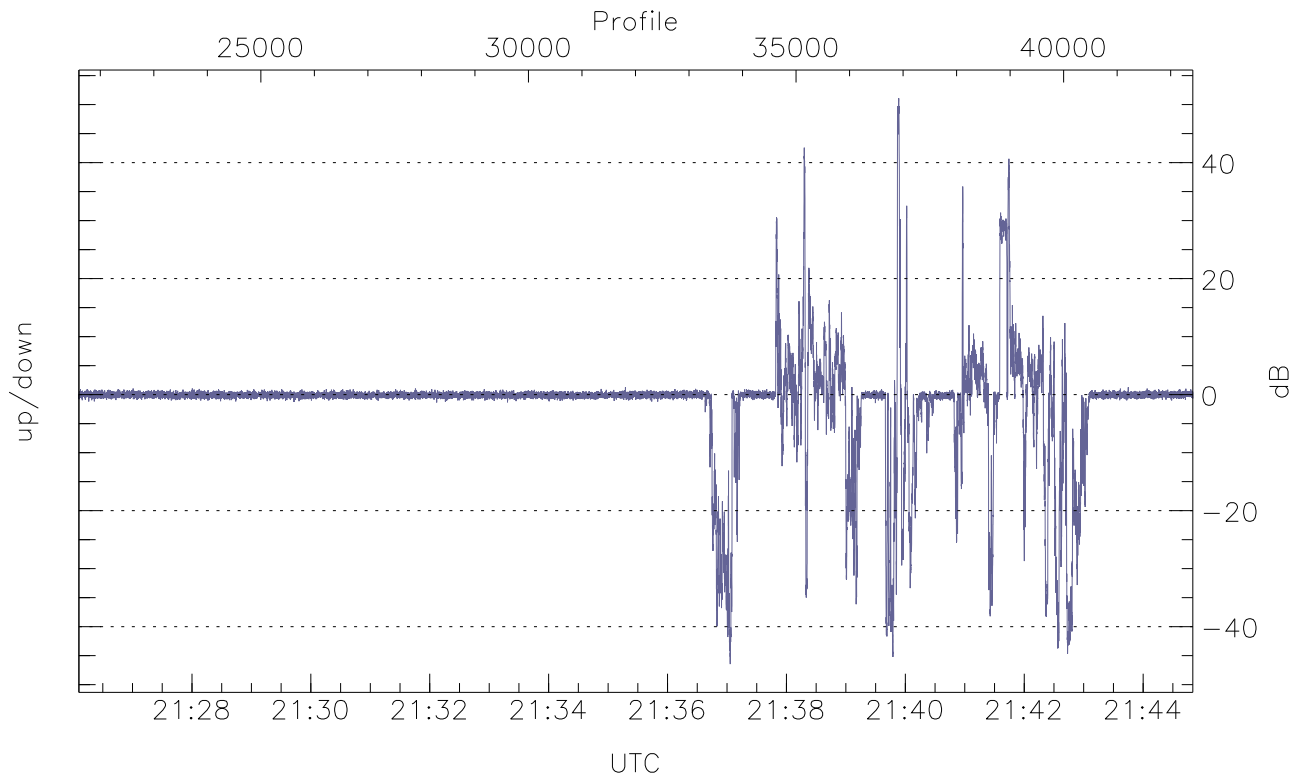


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



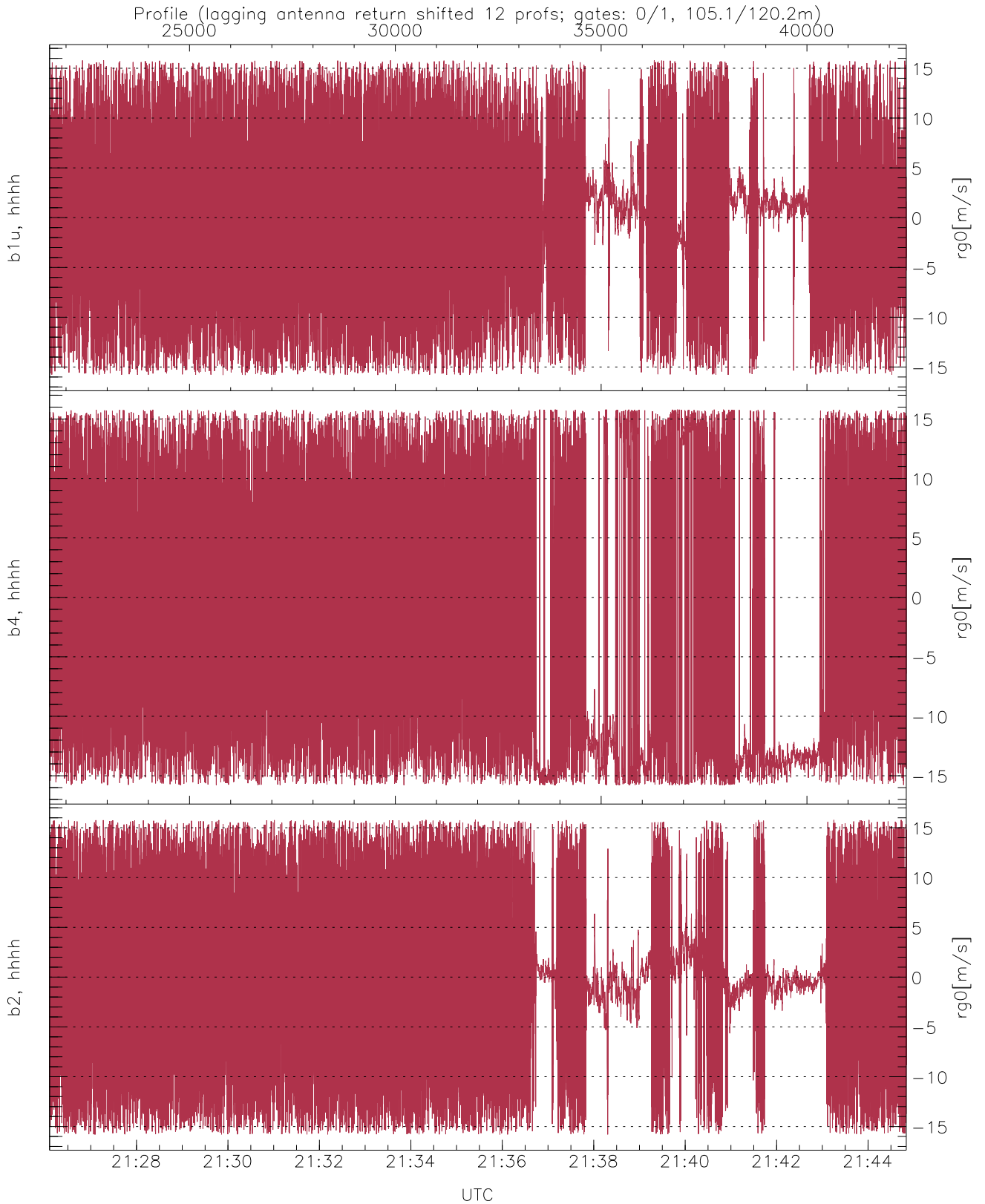
WCR2 CPP Received Power Products for Range gate 0 (105.1 m)

	Min	Max	Mean
up(hh[dBm])	-64.61	-7.63	-27.20
down-fore(hh[dBm])	-64.15	-15.13	-33.57
down(hh[dBm])	-64.60	-10.87	-29.66



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

	Min	Max	Mean
up/down (dB)	-46.45	51.09	-1.44
down/down-fore (dB)	-37.71	46.58	0.75



WCR2 CPP Doppler Velocity Products at 105.1 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg0[m/s])	-15.80	15.79	0.01	7.36
b4, hhhh(rg0[m/s])	-15.80	15.80	-2.19	10.20
b2, hhhh(rg0[m/s])	-15.80	15.79	0.00	7.86