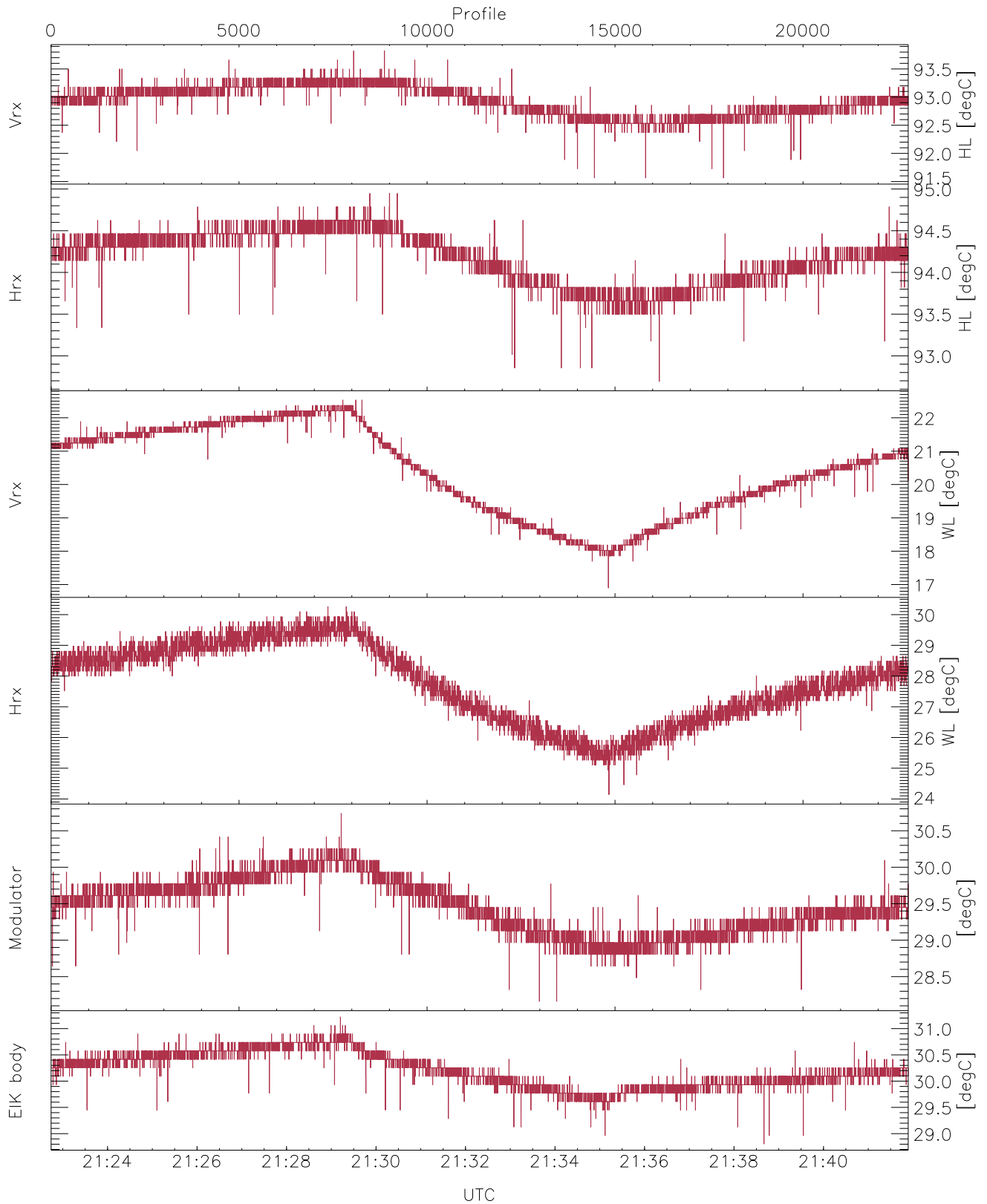


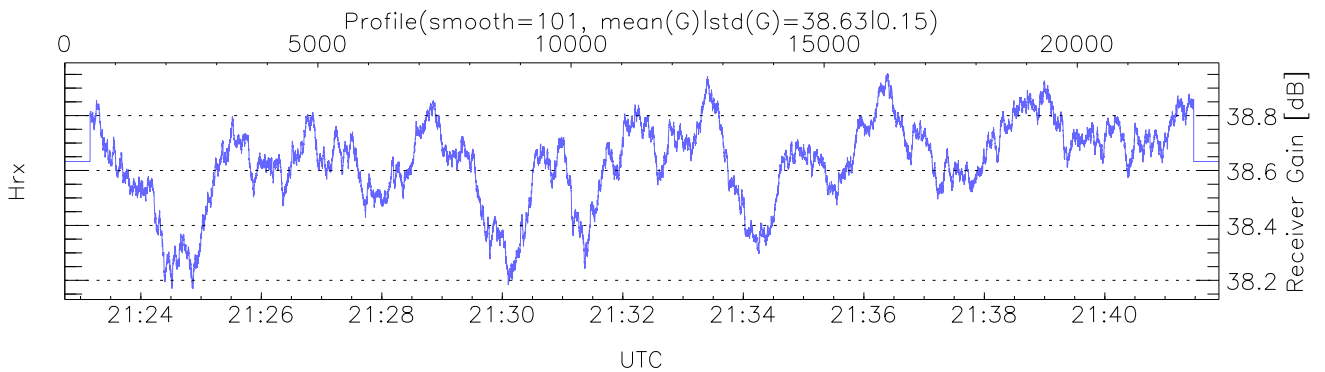
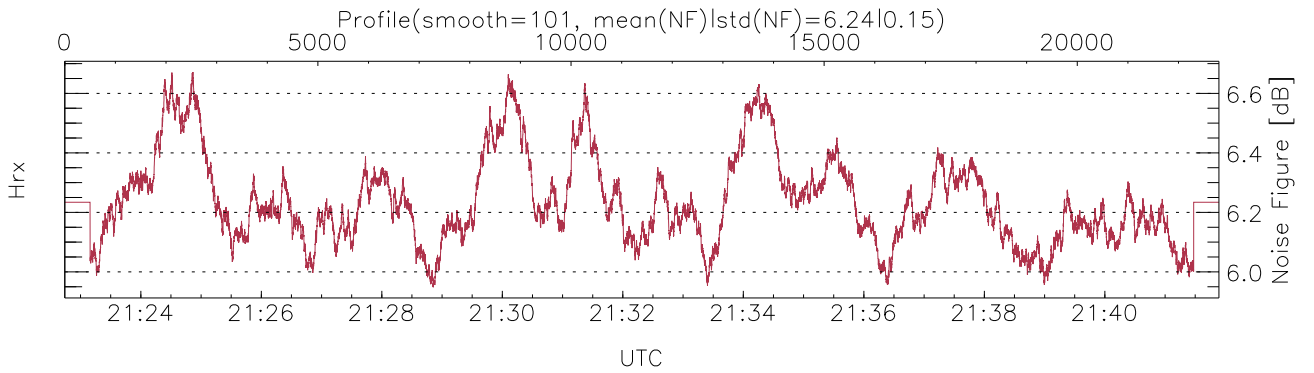
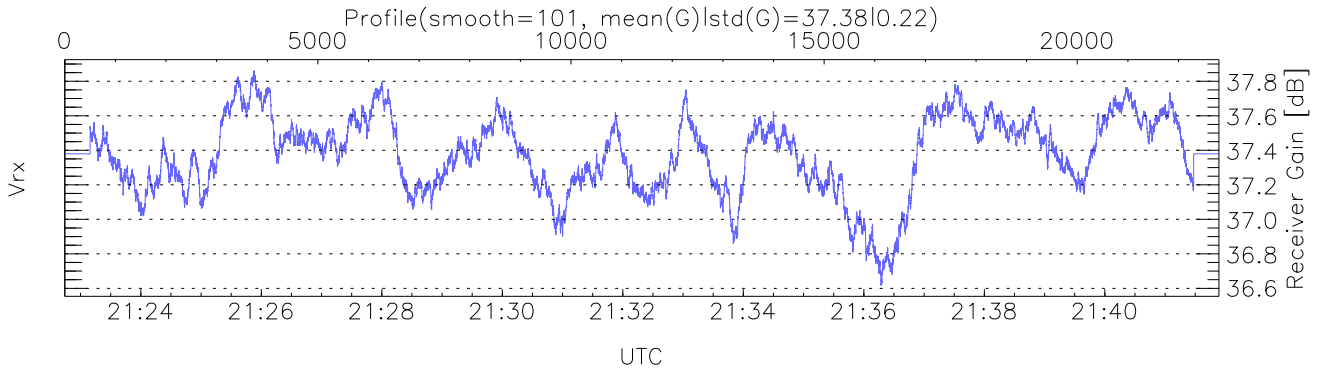
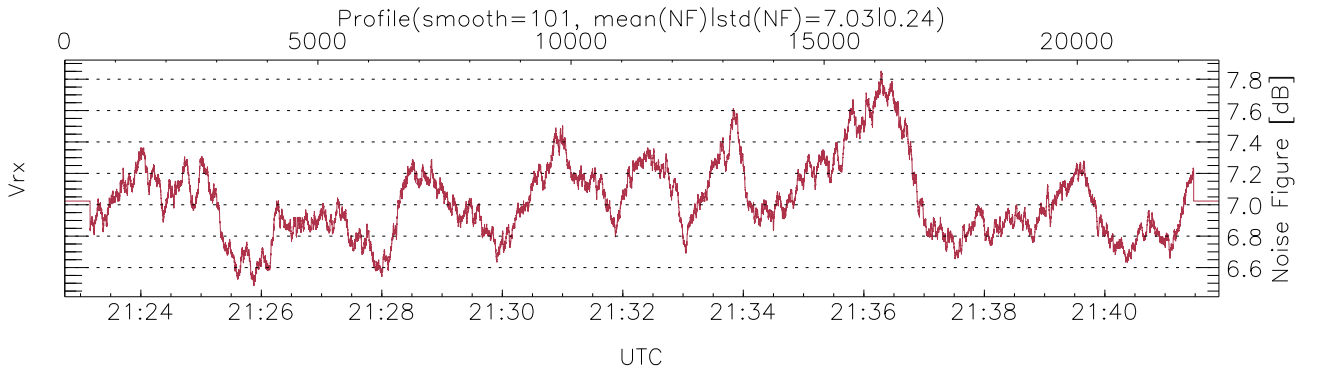
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 21:22:44-22:05:36, Dur: 2571.50s  
 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): 22800/51010, 0-22799/21:22:44-21:41:54  
 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(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



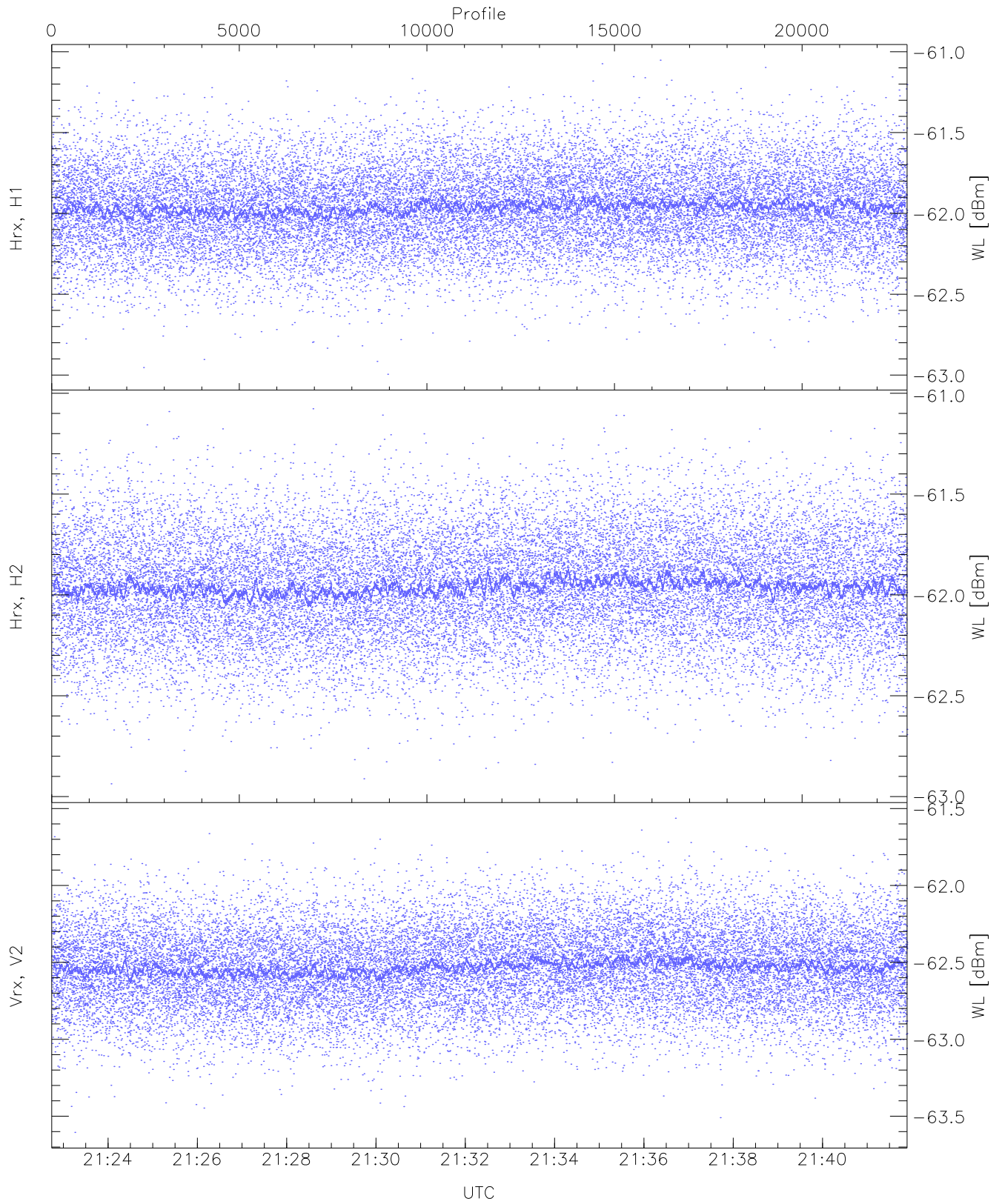
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,16,24,28,28`  
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,22,30,30,31`  
`LOalarm(20,80,240,2.8,14.8 MHz): None`  
`EIK Faults(# prof affected):`  
`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (10,10,10,10,10,26)`



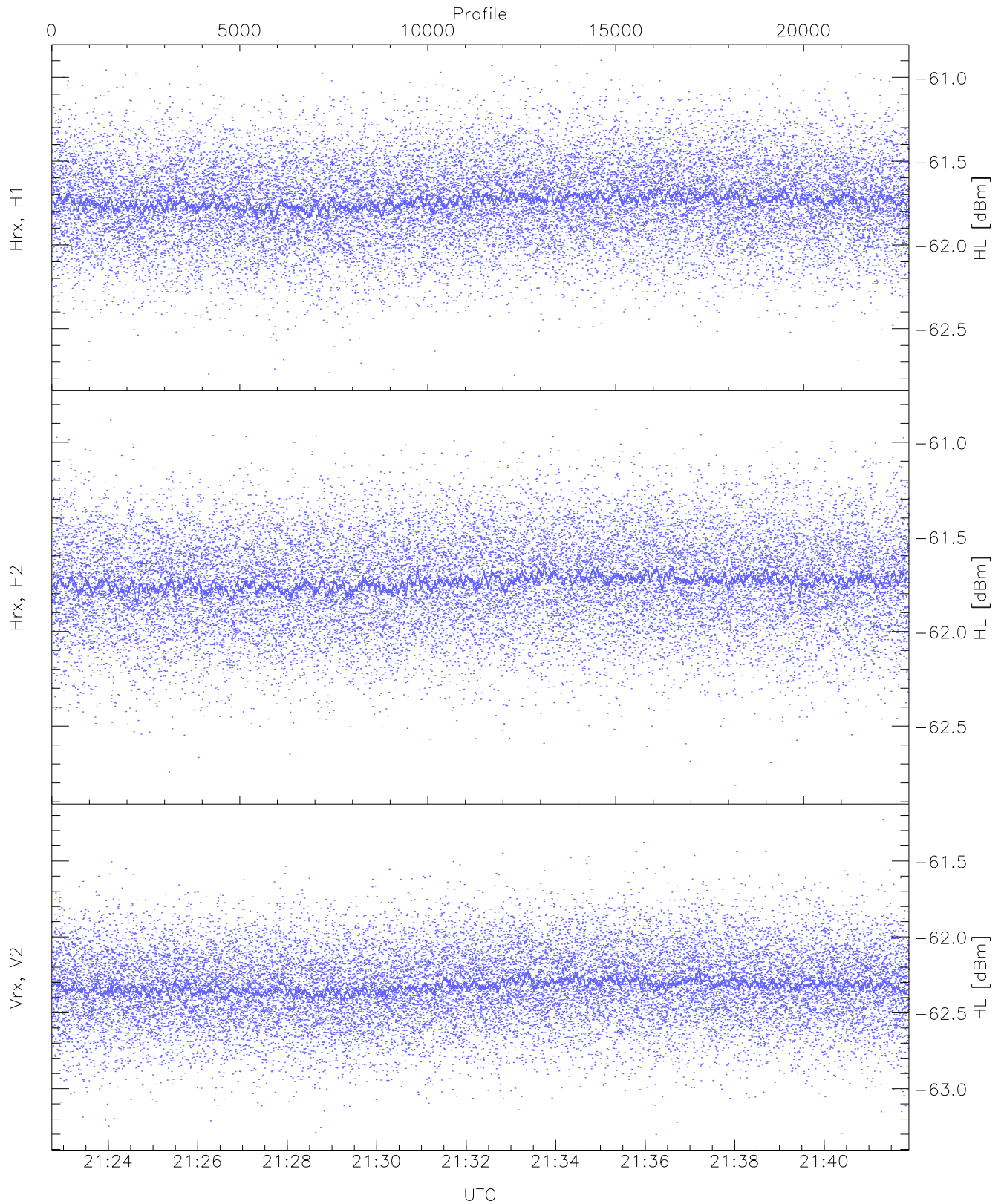
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 9586 pixs, 37 gates, 8916 profs, 2 prods



WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

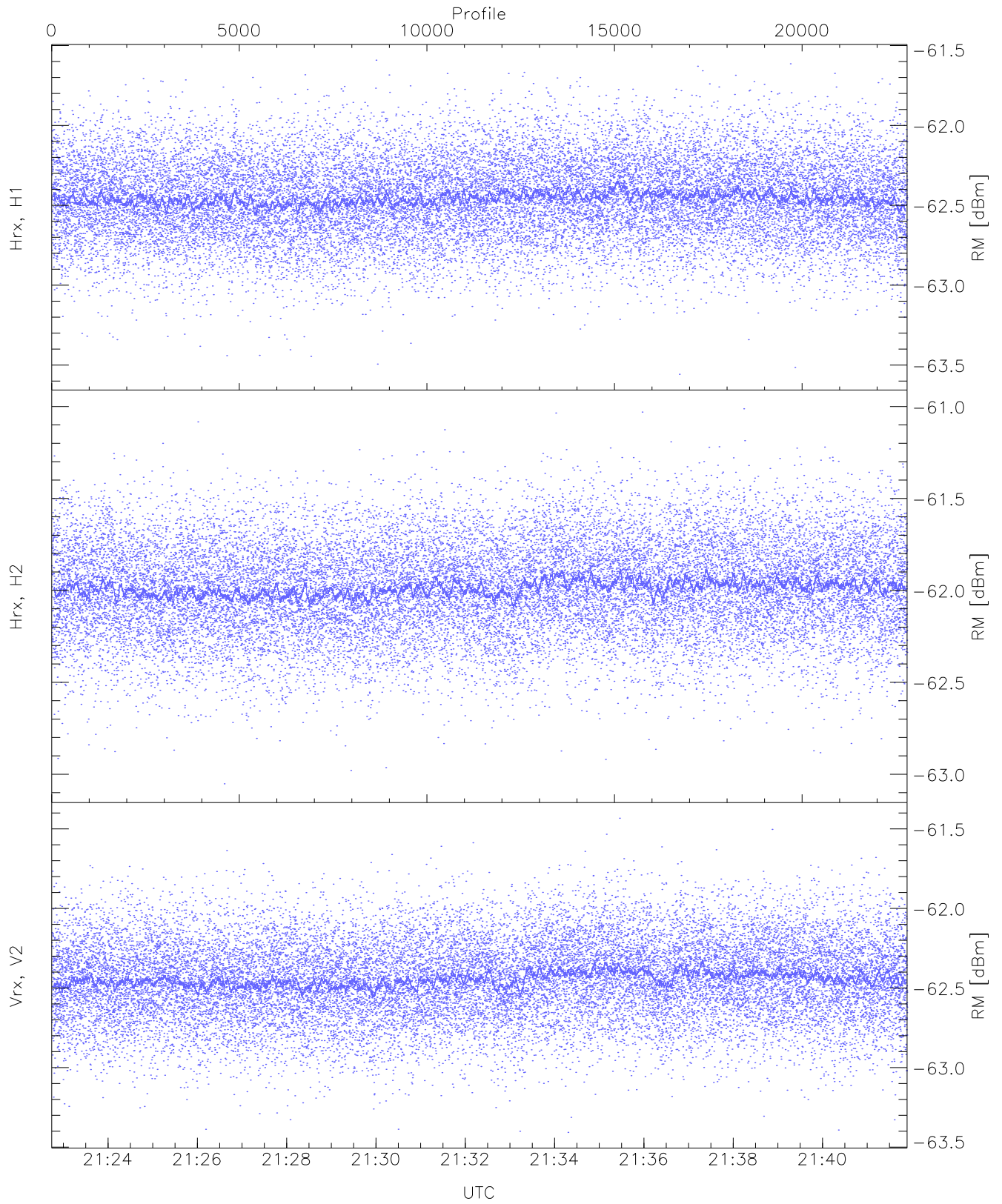
	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.00	-61.05	-61.96	-61.97	-74.57
Hrx, H2(WL [dBm])	-62.94	-61.08	-61.96	-61.96	-74.50
Vrx, V2(WL [dBm])	-63.61	-61.56	-62.53	-62.53	-75.06



WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

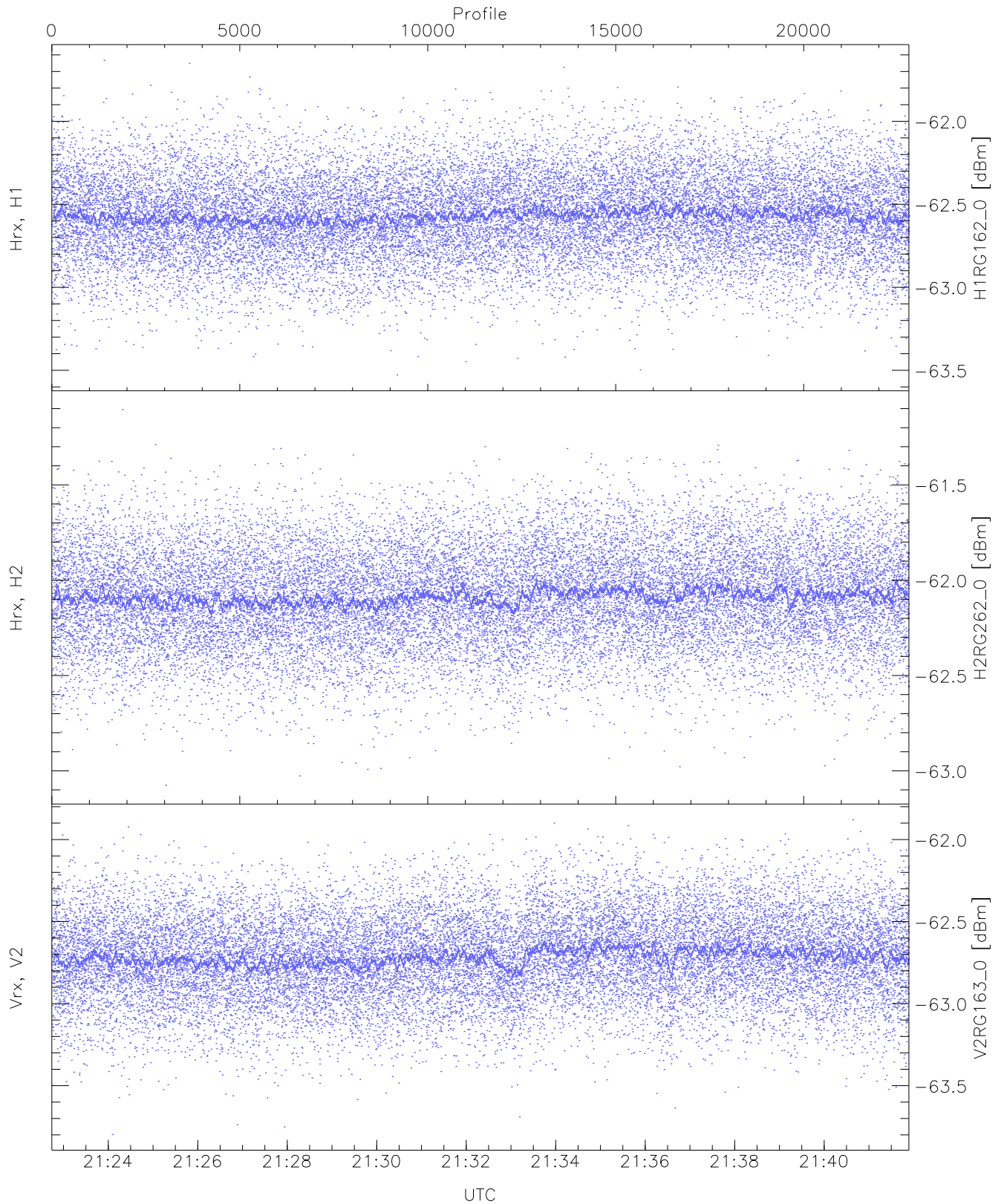
	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.78	-60.90	-61.74	-61.74	-74.28
Hrx, H2 (HL [dBm])	-62.81	-60.83	-61.74	-61.74	-74.30
Vrx, V2 (HL [dBm])	-63.30	-61.23	-62.32	-62.33	-74.87





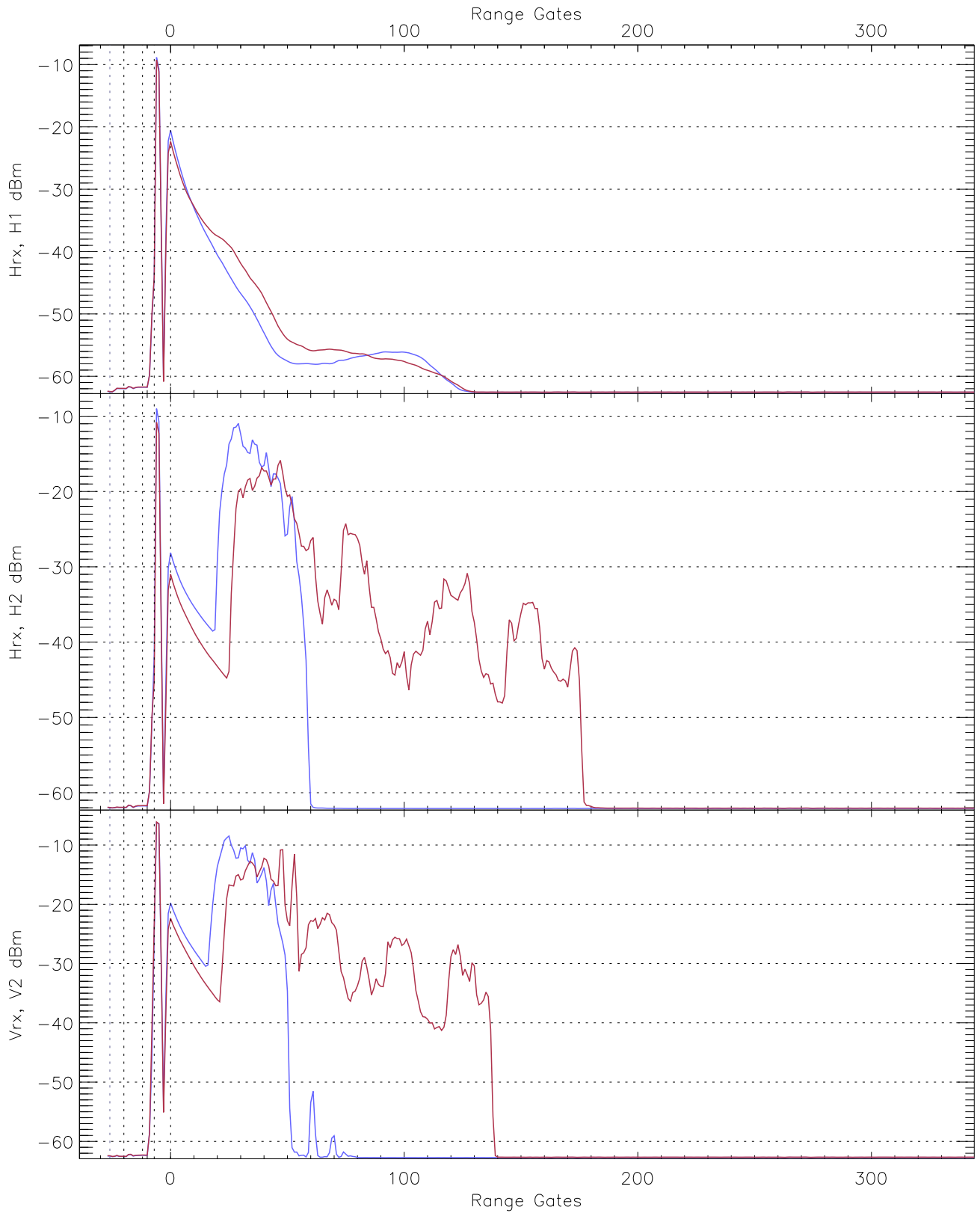
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.56	-61.59	-62.45	-62.46	-75.00
Hrx, H2 (RM [dBm])	-63.05	-61.01	-61.98	-61.99	-74.52
Vrx, V2 (RM [dBm])	-63.41	-61.43	-62.44	-62.45	-74.98



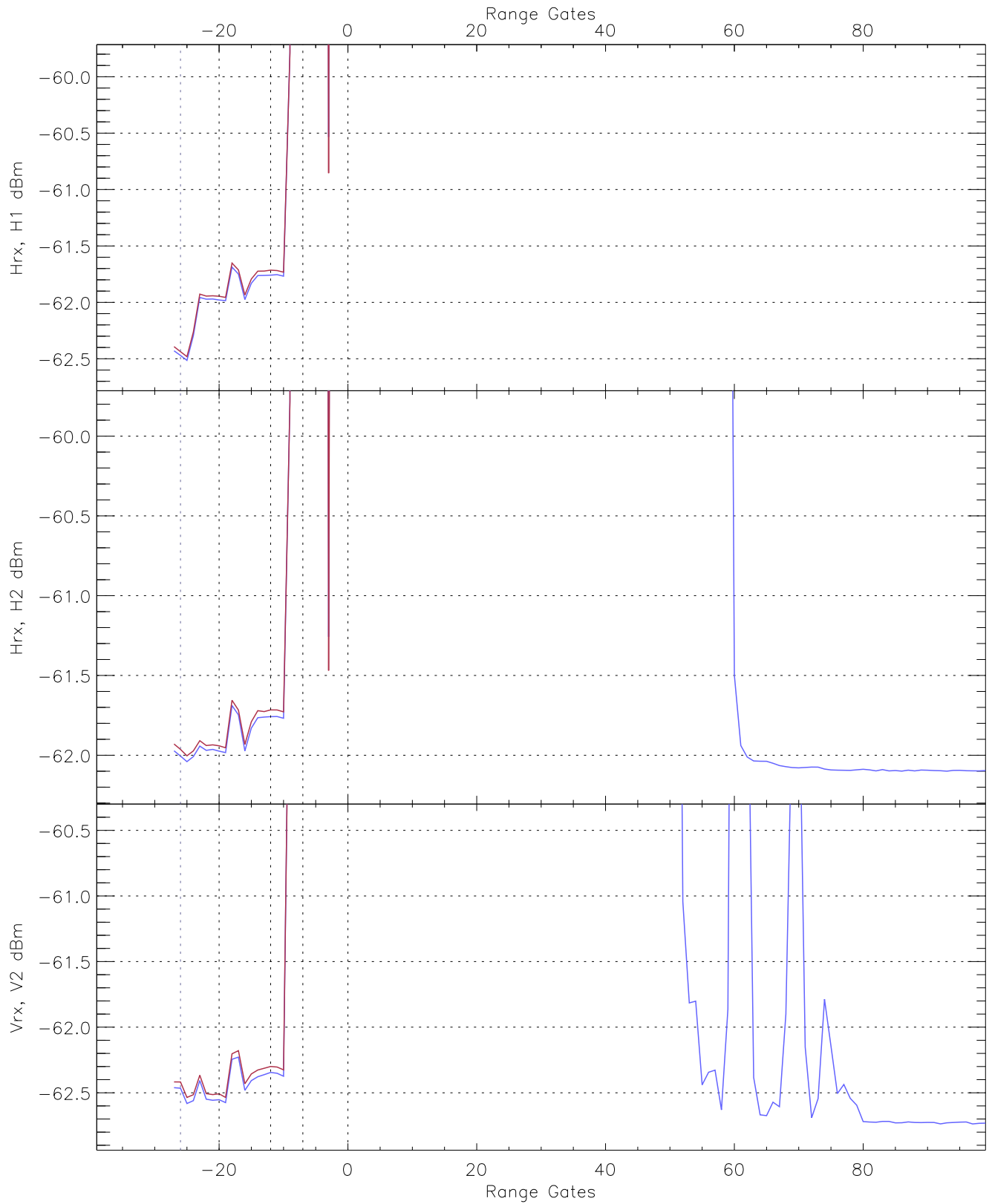
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG162_0 [dBm]	-63.53	-61.63	-62.57	-62.57	-75.14
H2RG262_0 [dBm]	-63.08	-61.10	-62.08	-62.09	-74.63
V2RG163_0 [dBm]	-63.80	-61.88	-62.71	-62.72	-75.20

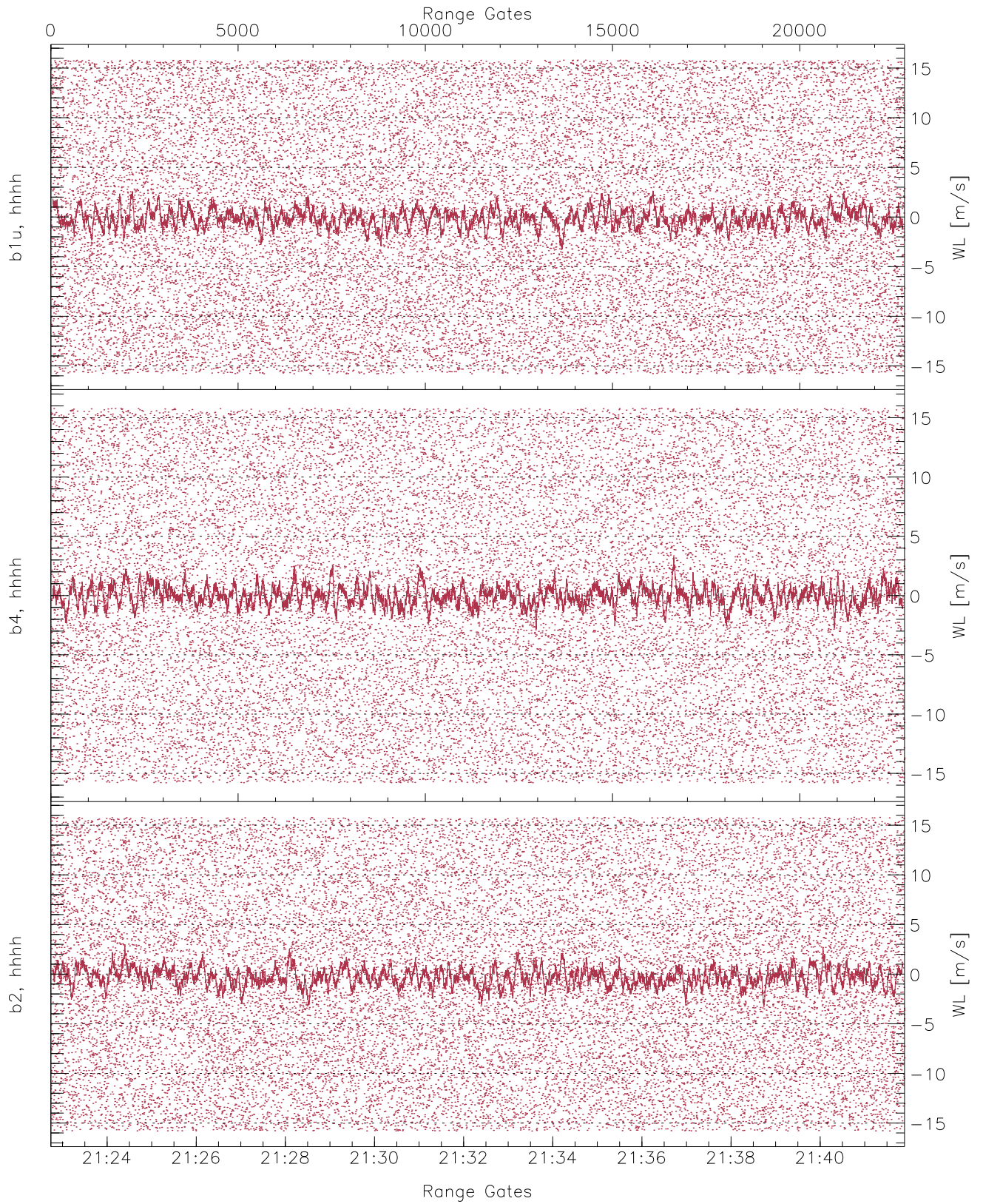


WCR2 CPP Averaged Received power for all recorded gates  
blue: 212244-213219, 11401 profiles averaged  
red: 213219-214154, 11400 profiles averaged

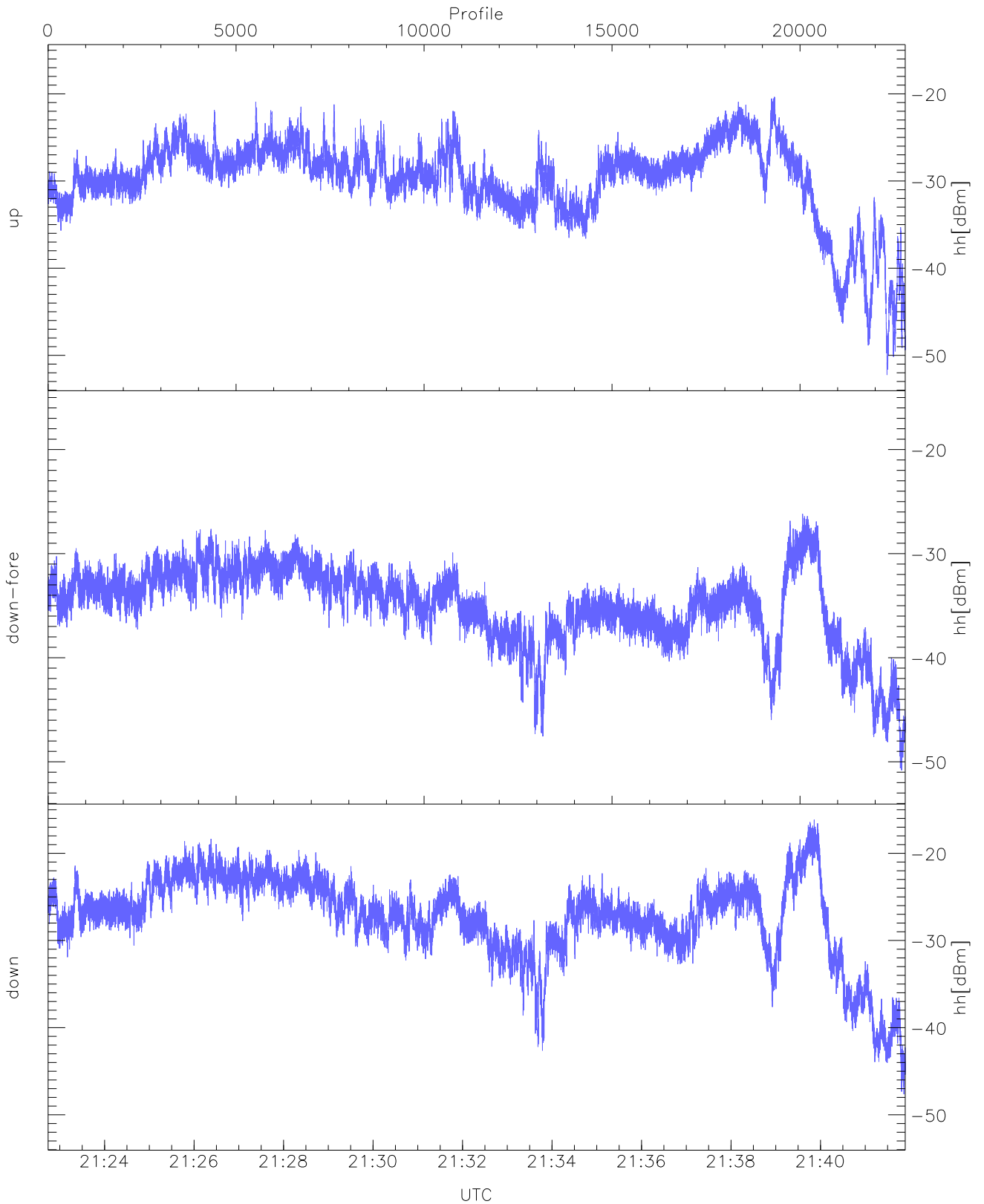




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 212244-213219, 11401 profiles averaged  
red: 213219-214154, 11400 profiles averaged

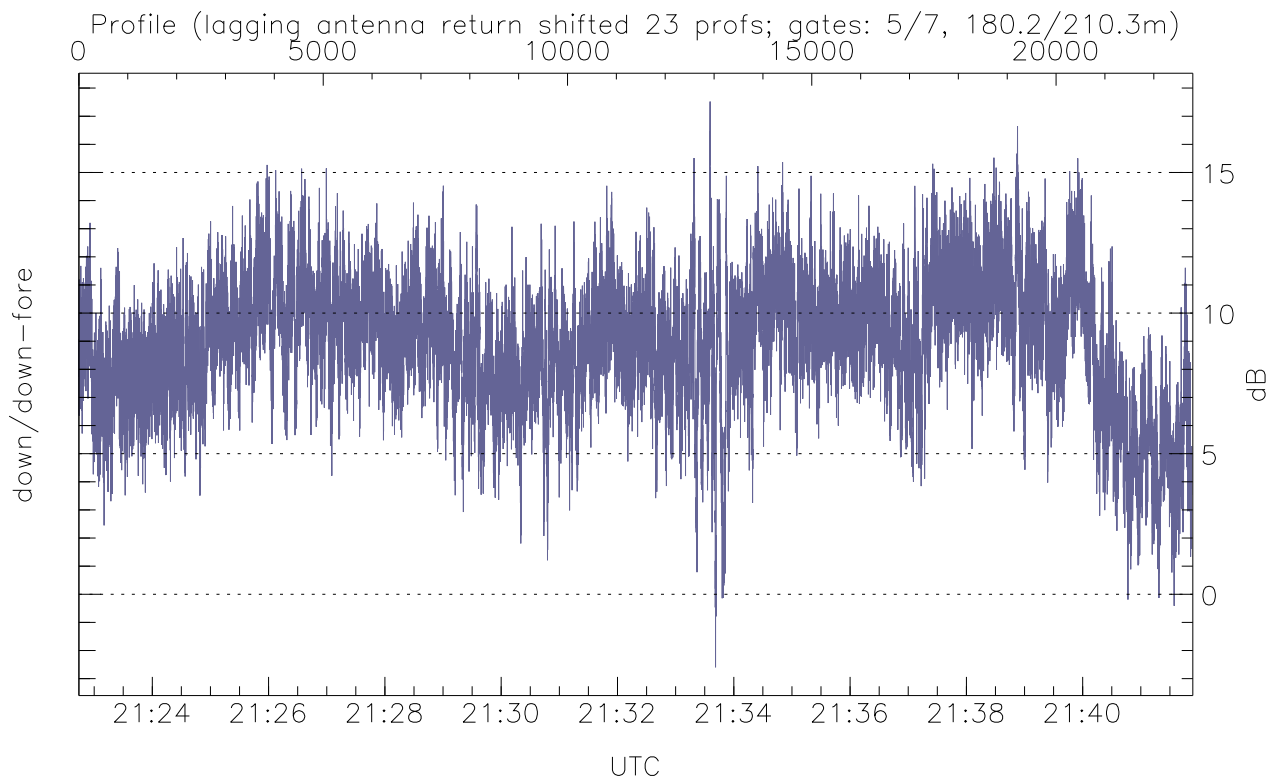
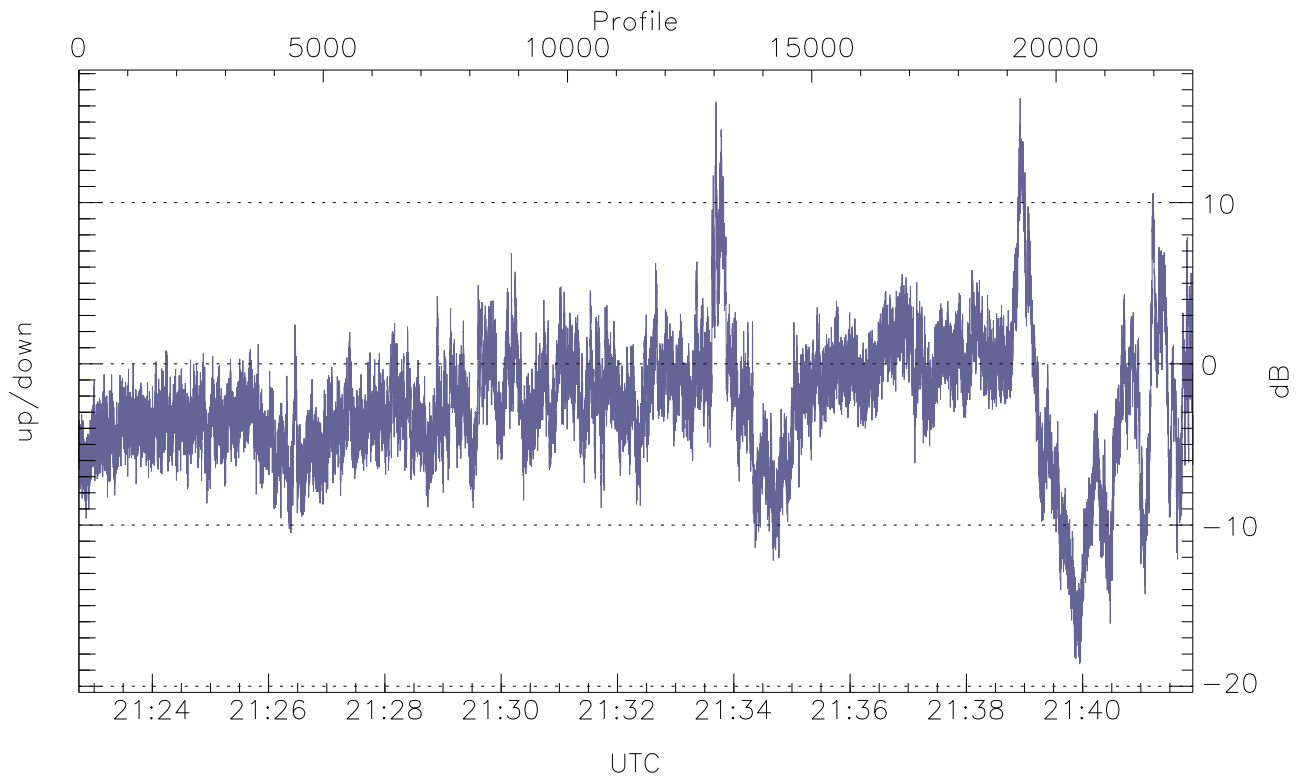


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



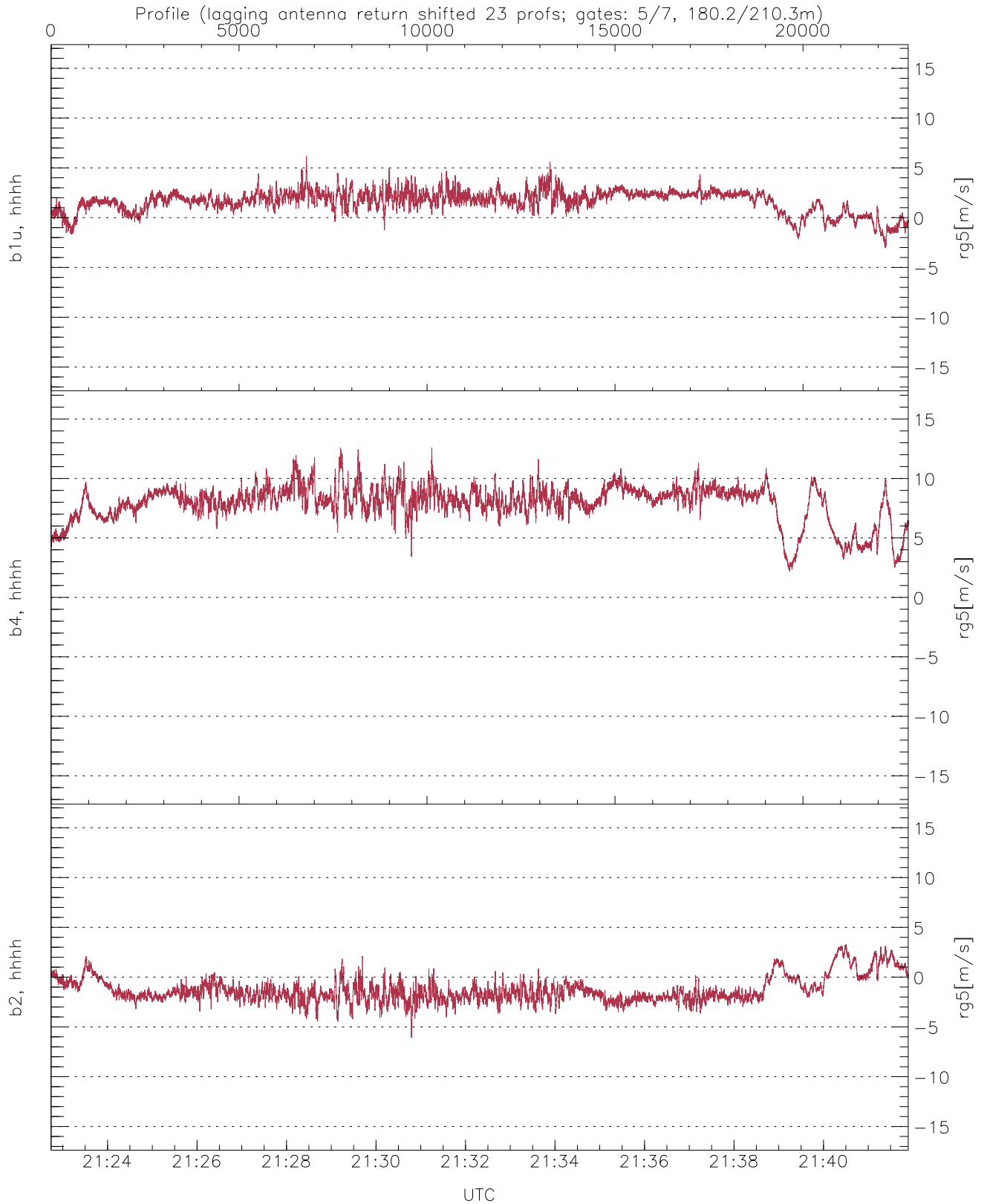
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-52.25	-20.36	-28.22
down-fore(hh[dBm])	-50.82	-26.19	-33.73
down(hh[dBm])	-47.64	-16.15	-25.44



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

	Min	Max	Mean
up/down (dB)	-18.62	16.47	-2.54
down/down-fore (dB)	-2.60	17.52	8.97



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-3.04	6.16	1.61	1.15
b4, hhhh(rg5[m/s])	2.19	12.61	7.88	1.60
b2, hhhh(rg5[m/s])	-6.08	3.30	-1.26	1.28