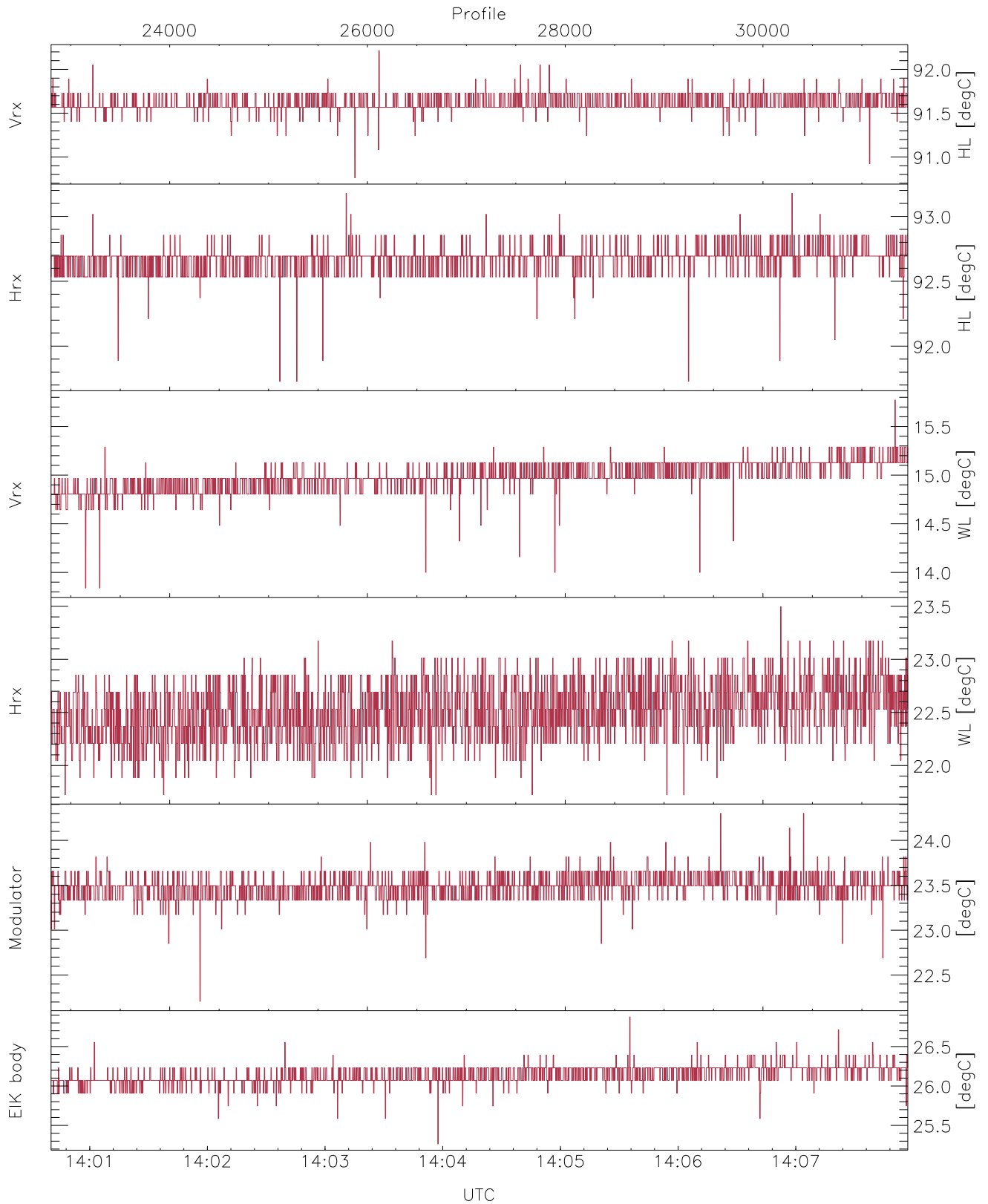


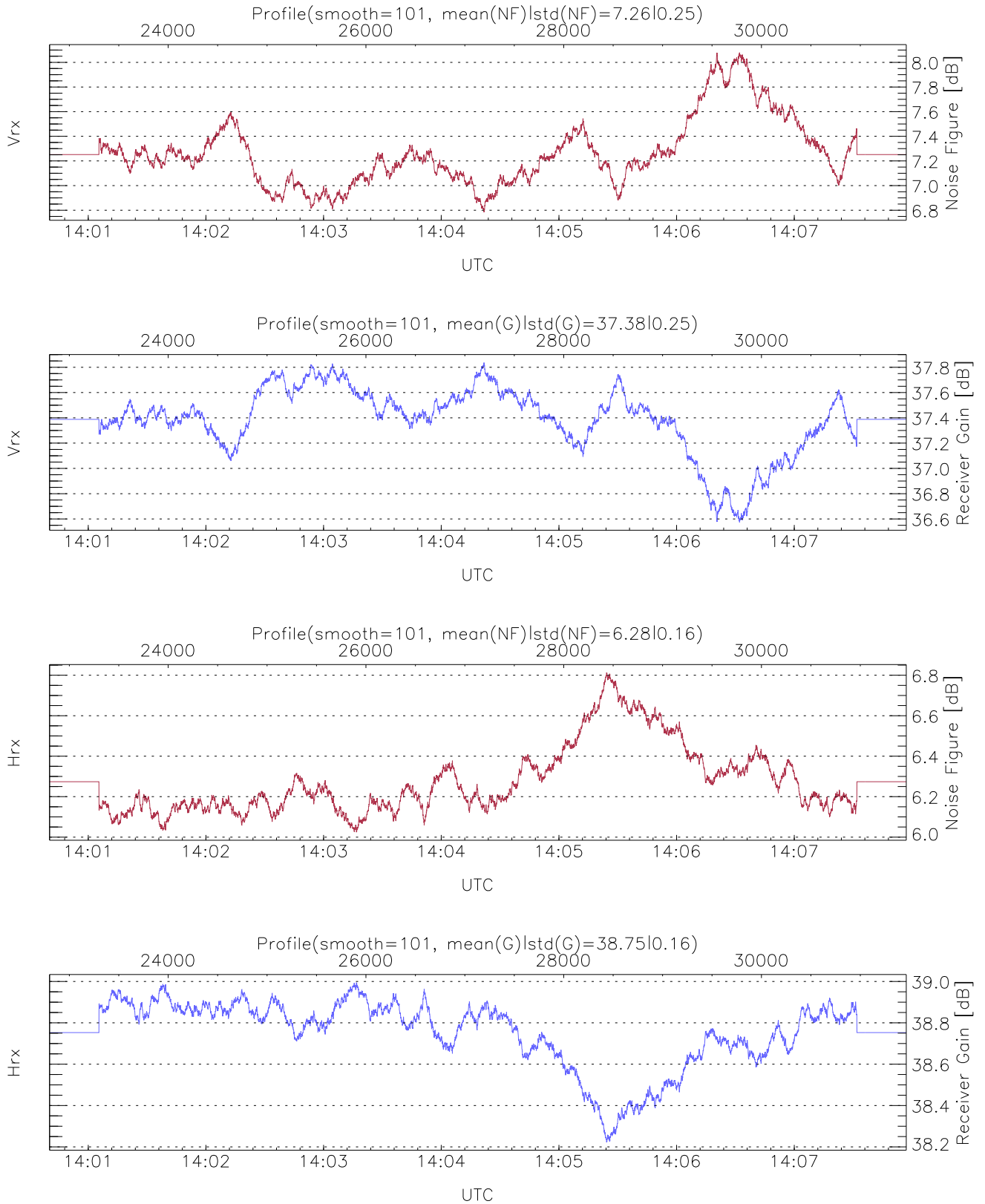
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 13:41:31-14:07:57, Dur: 1586.23s  
 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): 8666/31466, 22800-31465/14:00:40-14:07:57  
 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,rqs): 105,5271,15.0 m, Gates: 345, Aspect: 3.3  
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



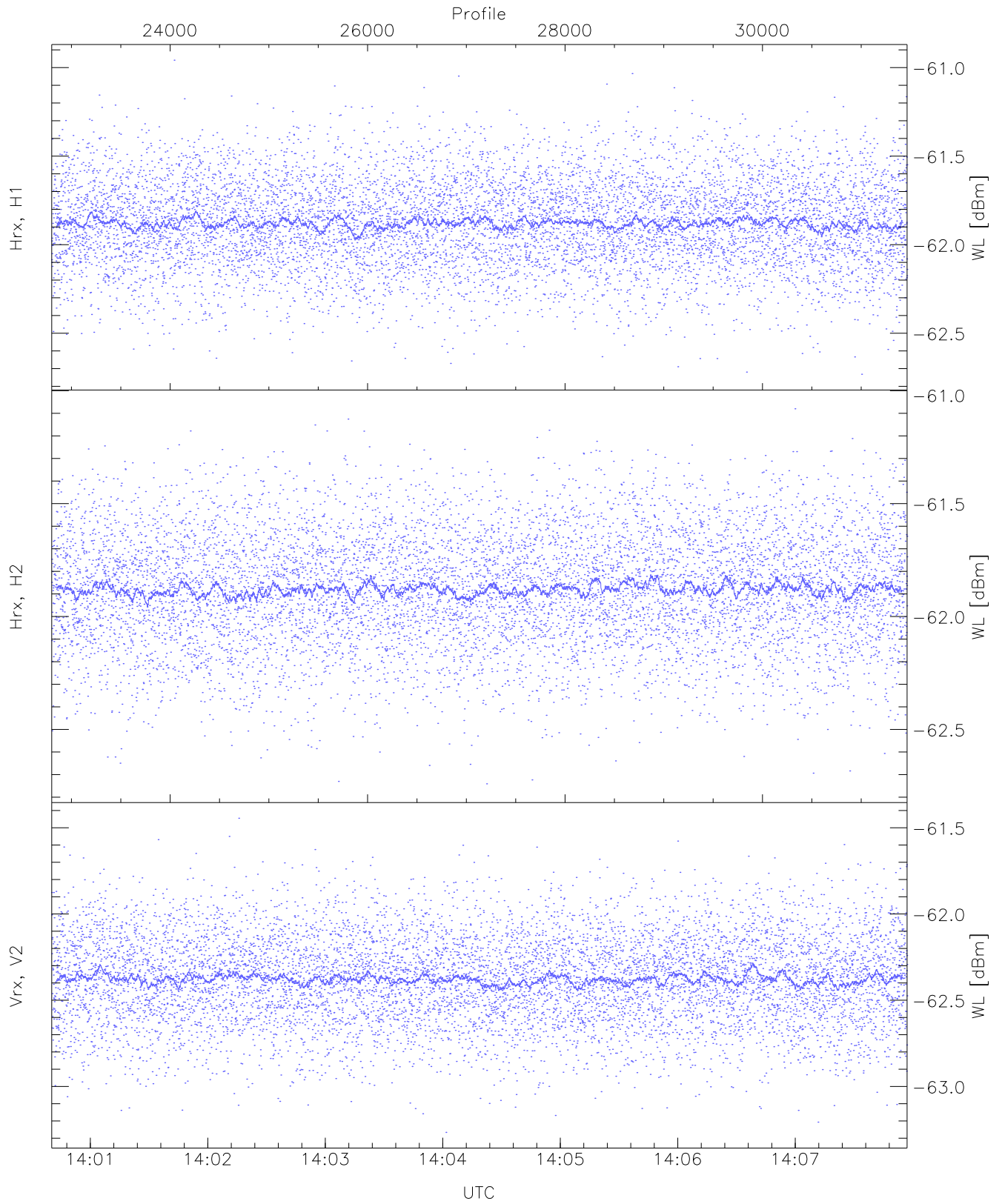
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,13,21,22,25`  
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,15,23,24,26`  
`LOalarm(20,80,240,2.8,14.8 MHz): None`  
`EIK Faults(# prof affected):`  
`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (5,5,5,5,5,6)`



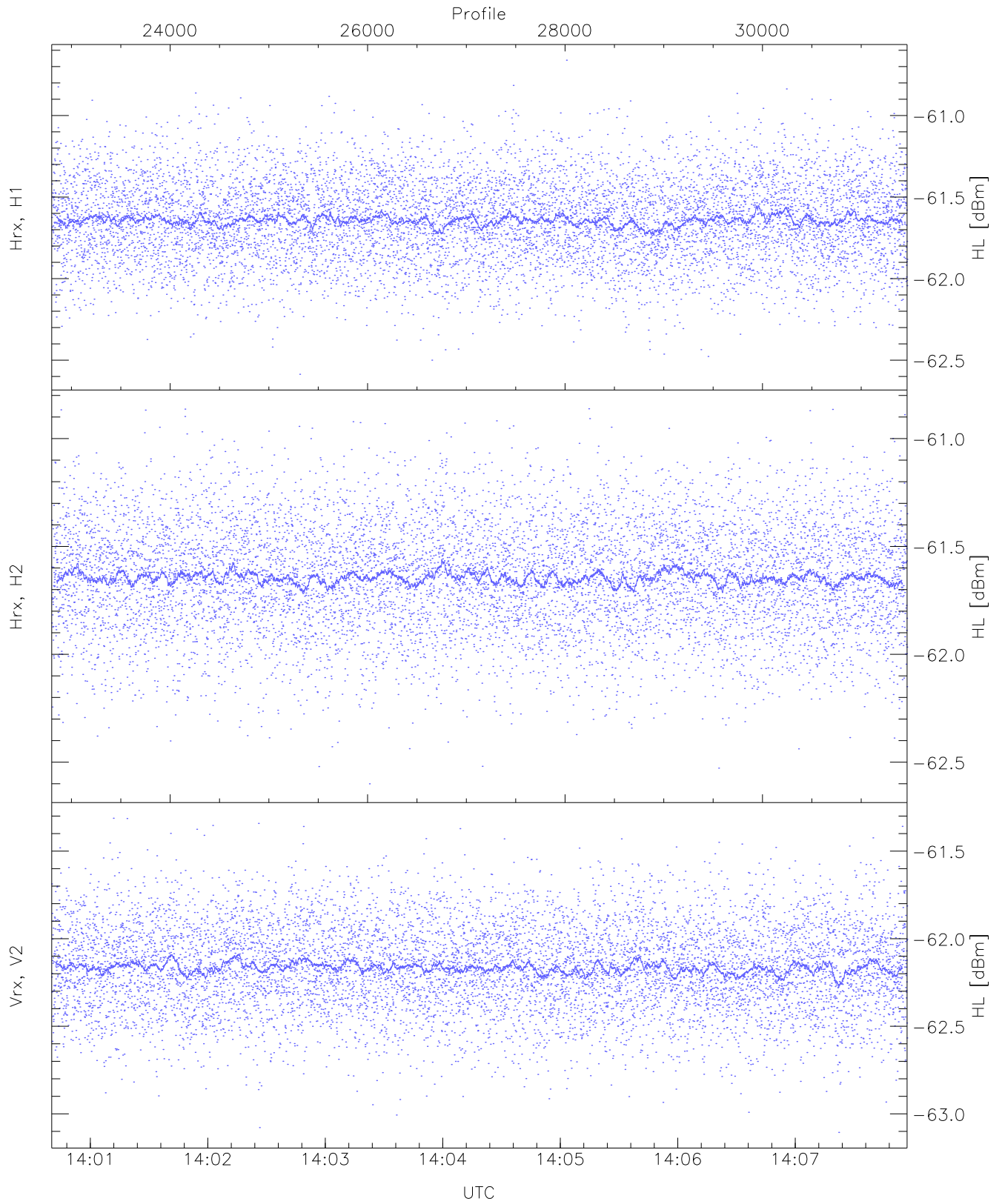
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 559 pixs, 15 gates, 499 profs, 1 prods



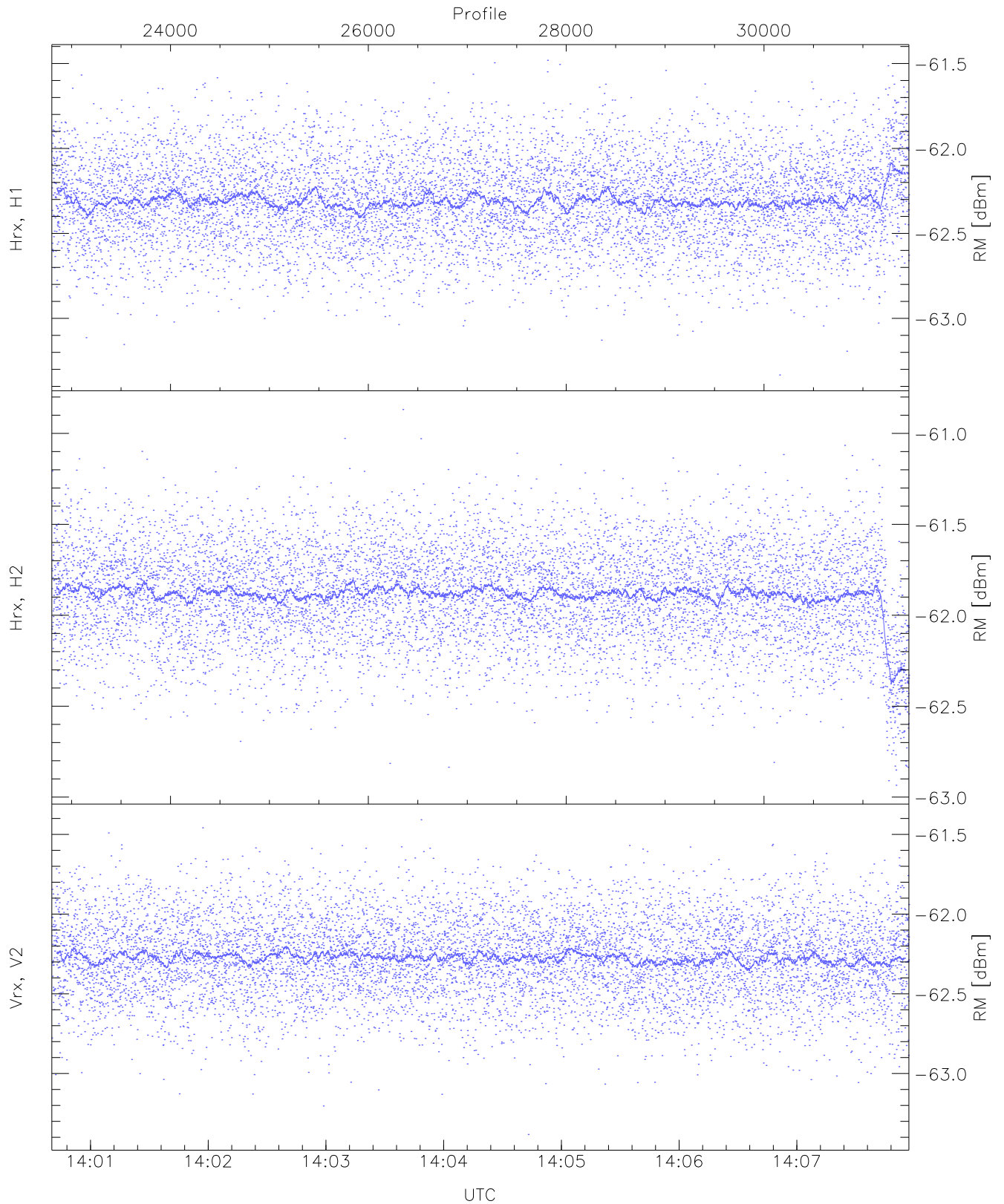
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-62.73	-60.96	-61.88	-61.88	-74.48
Hrx, H2 (WL [dBm])	-62.74	-61.08	-61.88	-61.88	-74.48
Vrx, V2 (WL [dBm])	-63.27	-61.45	-62.37	-62.37	-74.86



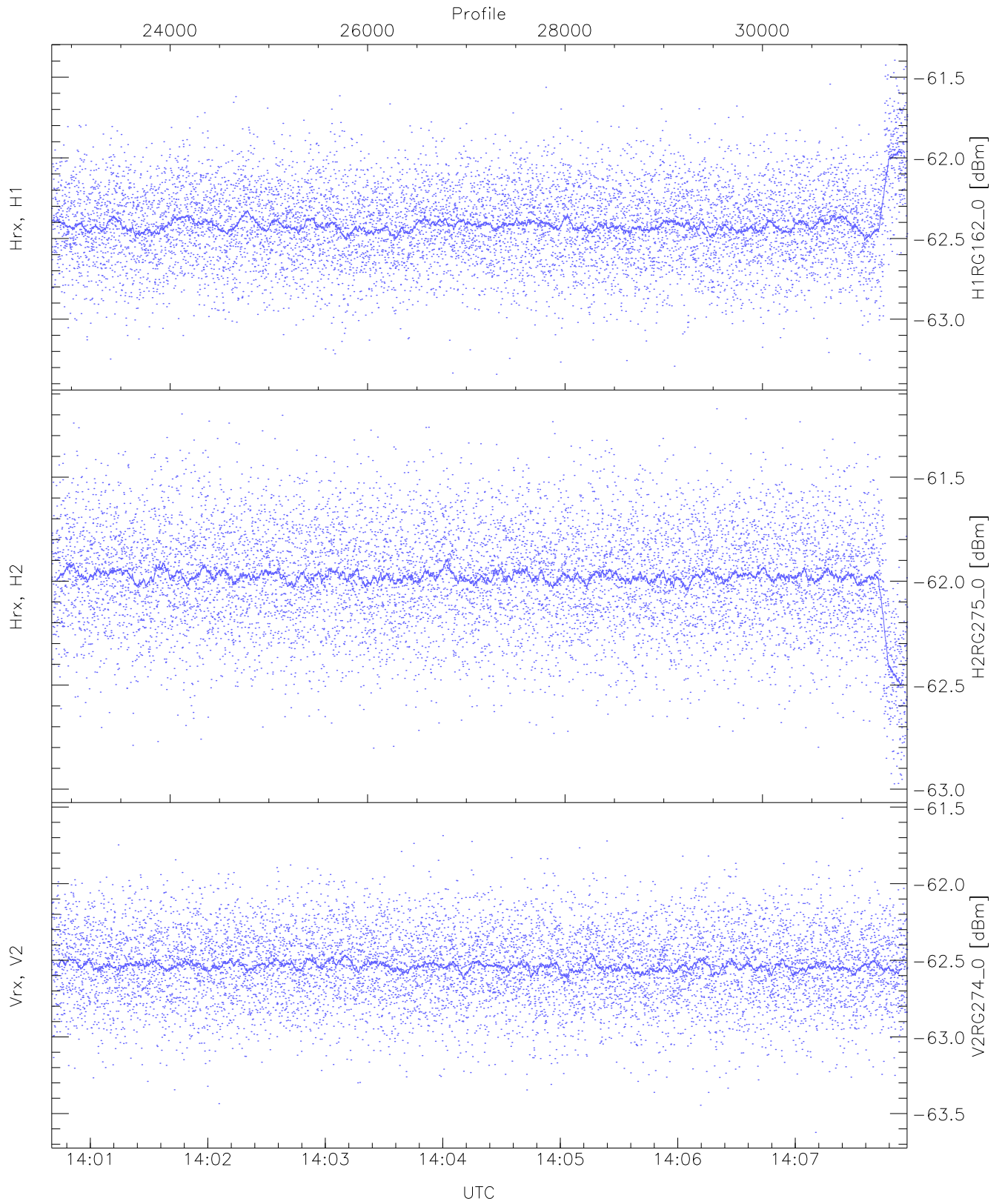
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.59	-60.66	-61.64	-61.64	-74.18
Hrx, H2 (HL [dBm])	-62.60	-60.86	-61.64	-61.64	-74.20
Vrx, V2 (HL [dBm])	-63.11	-61.31	-62.16	-62.17	-74.73



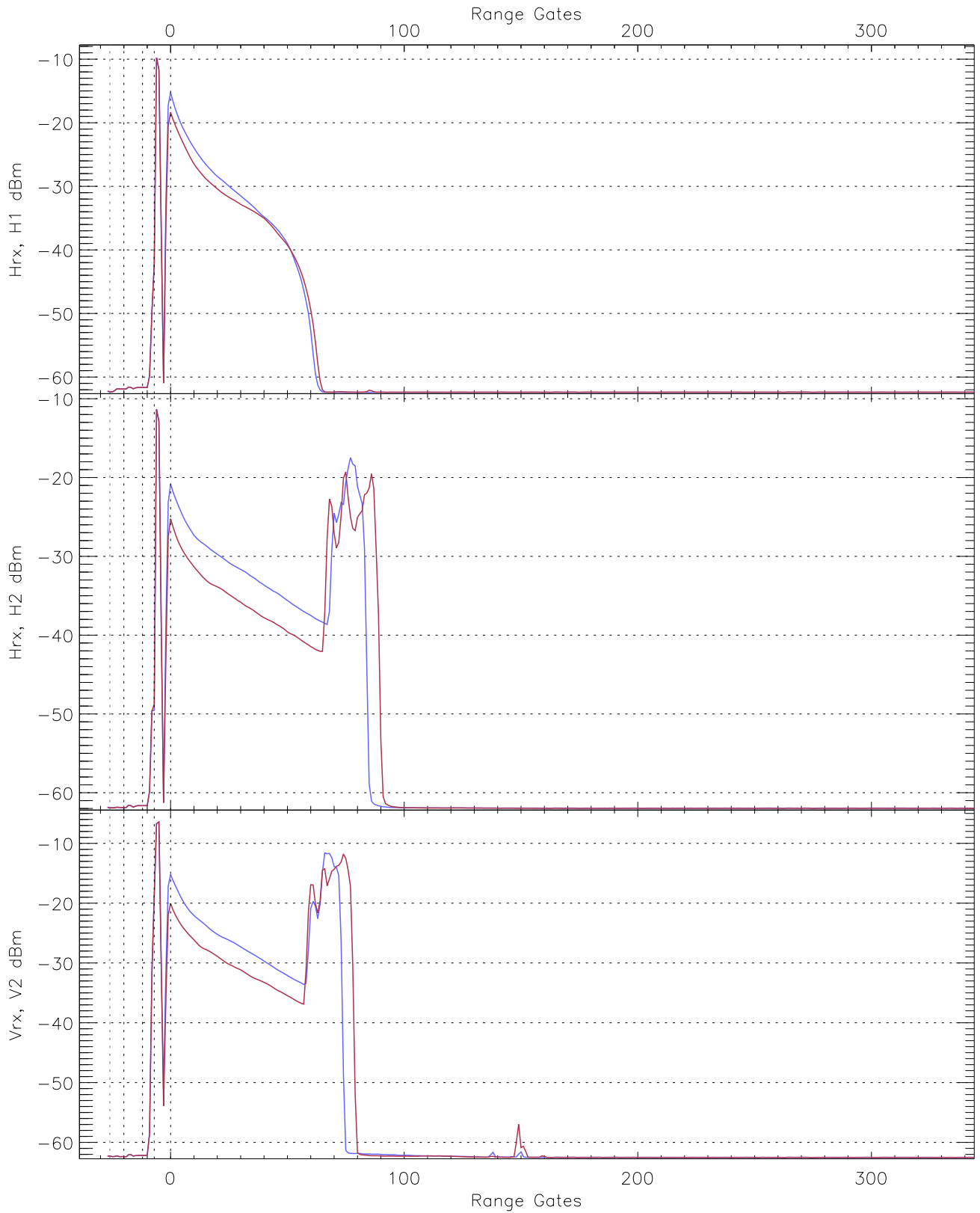
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.33	-61.48	-62.30	-62.31	-74.83
Hrx, H2 (RM [dBm])	-62.93	-60.87	-61.89	-61.88	-74.25
Vrx, V2 (RM [dBm])	-63.38	-61.41	-62.27	-62.27	-74.83



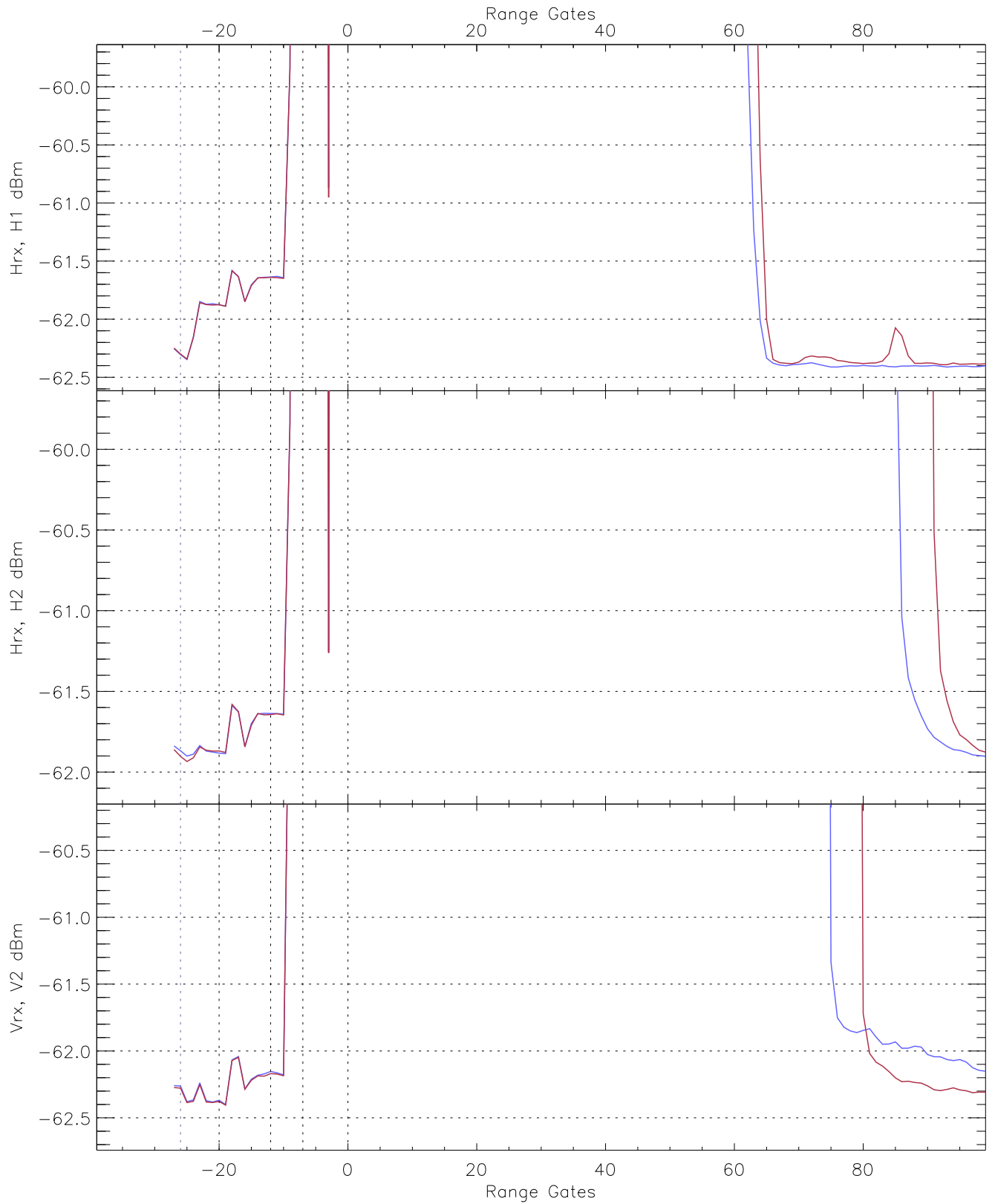
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG162_0 [dBm]	-63.34	-61.39	-62.40	-62.41	-74.78
H2RG275_0 [dBm]	-62.97	-61.17	-61.98	-61.98	-74.35
V2RG274_0 [dBm]	-63.62	-61.57	-62.53	-62.54	-75.08

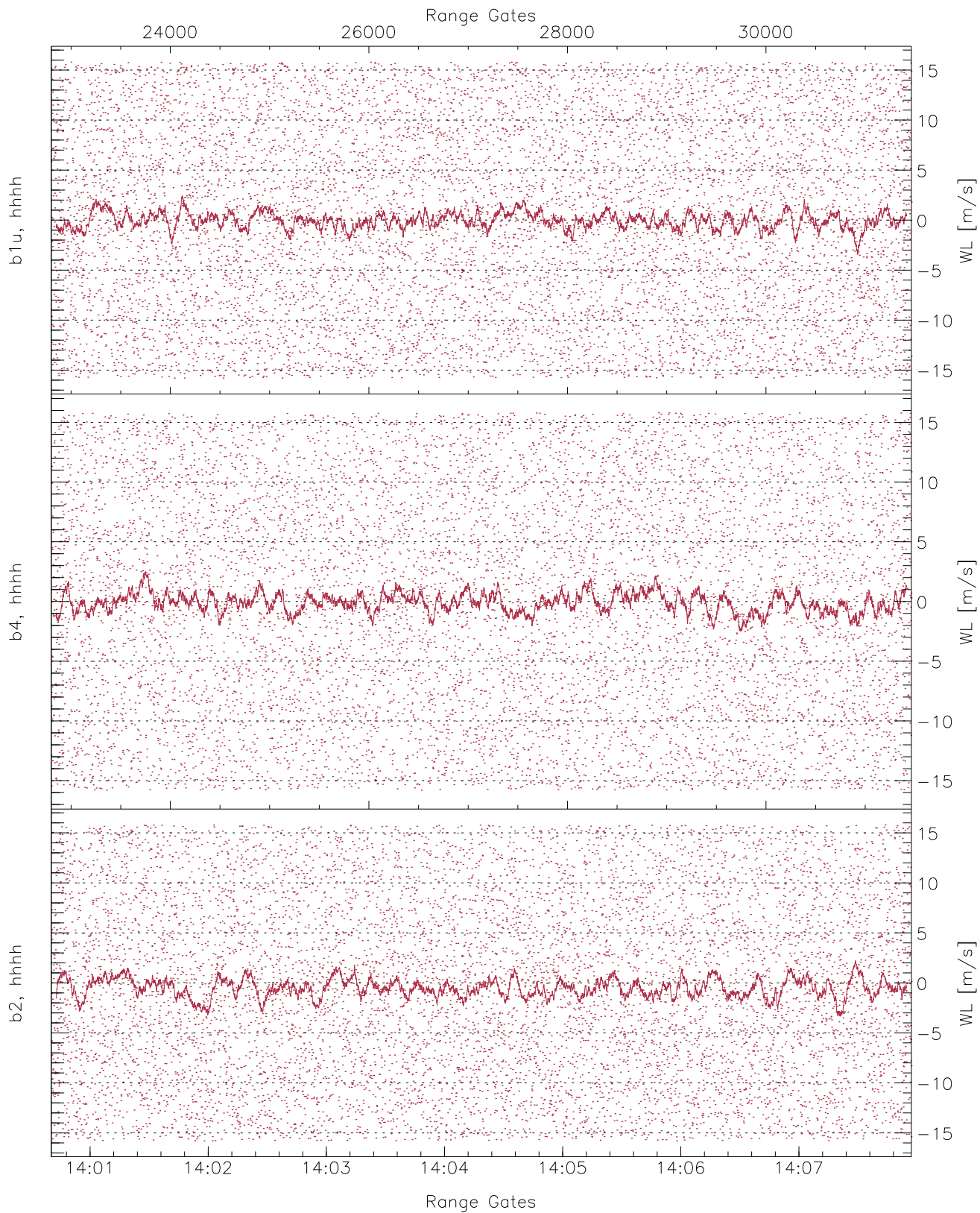


WCR2 CPP Averaged Received power for all recorded gates  
blue: 140040-140419, 4334 profiles averaged  
red: 140419-140757, 4333 profiles averaged

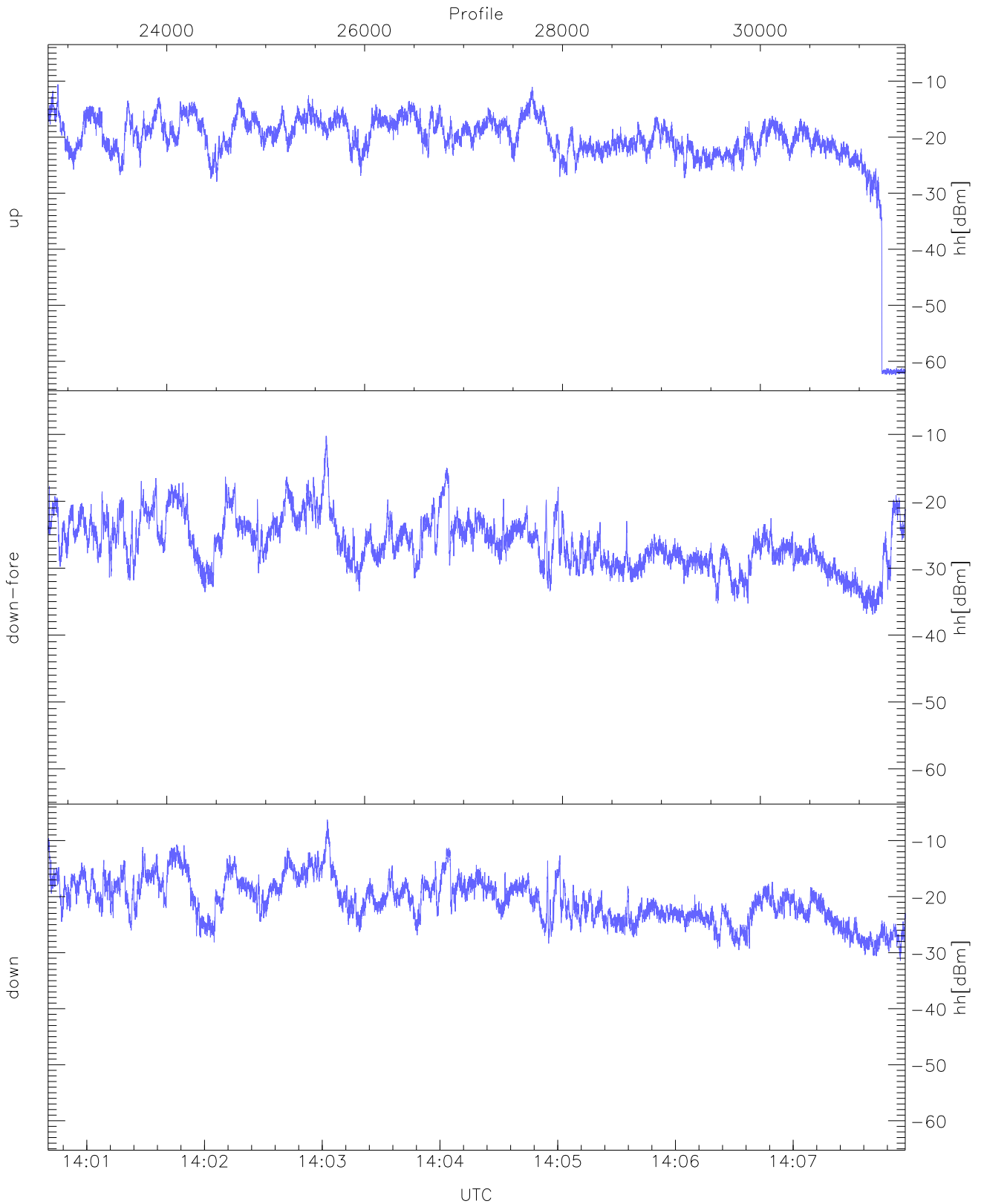




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 140040-140419, 4334 profiles averaged  
red: 140419-140757, 4333 profiles averaged

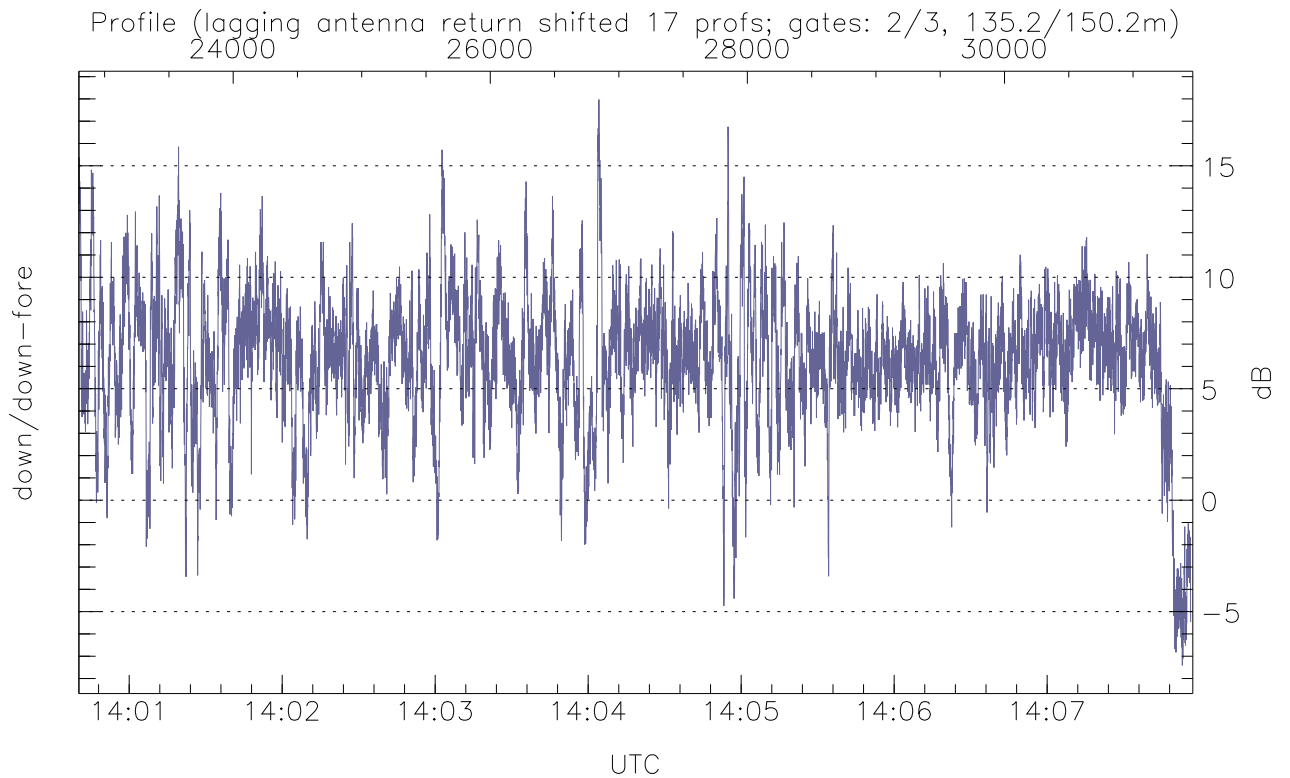
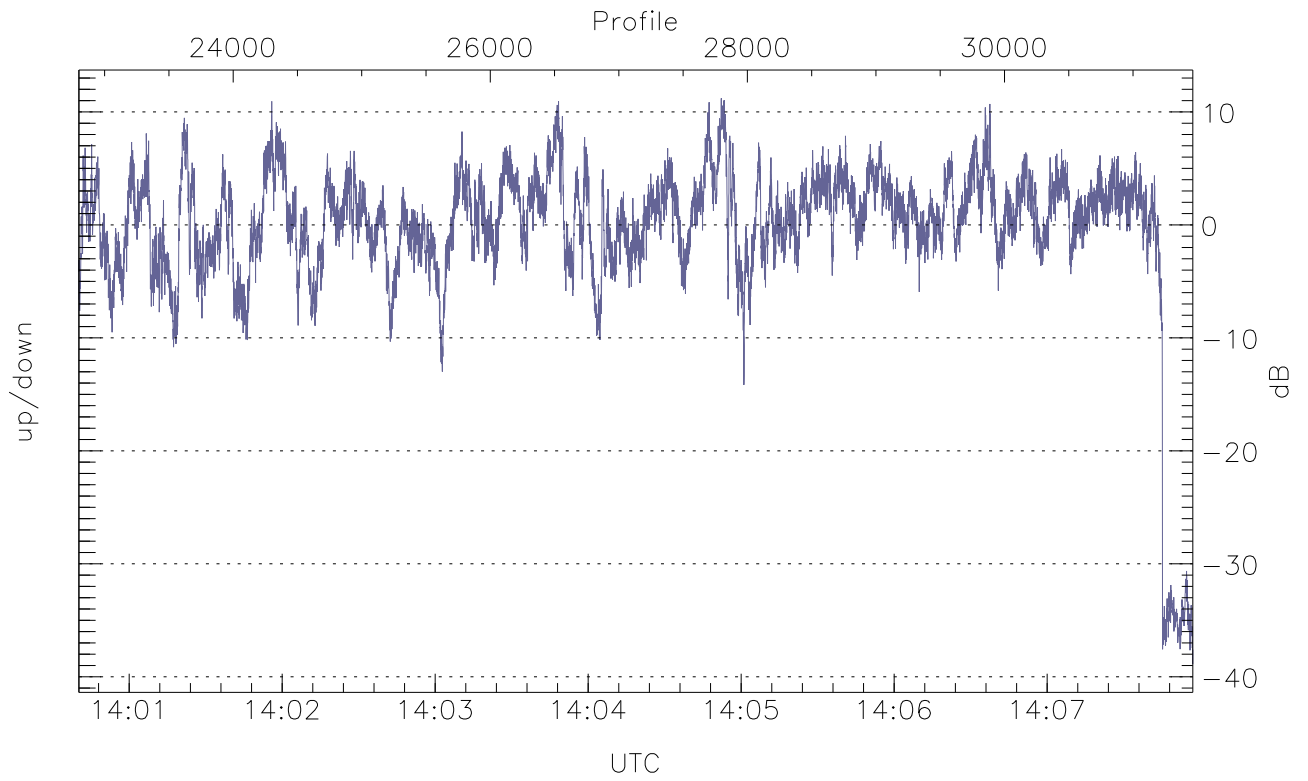


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



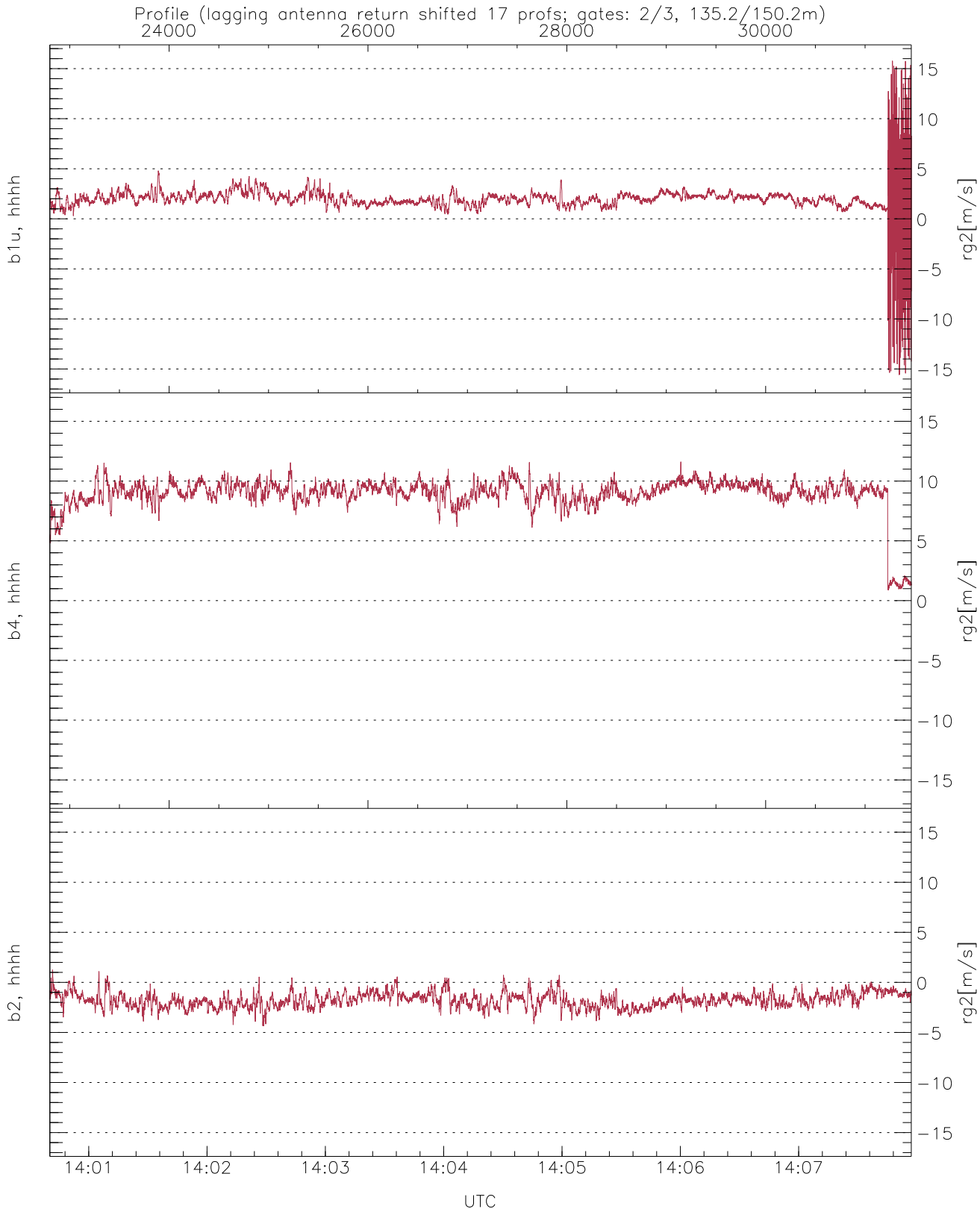
WCR2 CPP Received Power Products for Range gate 2 (135.2 m)

	Min	Max	Mean
up(hh [dBm])	-62.45	-10.58	-18.90
down-fore(hh [dBm])	-36.94	-10.23	-24.28
down(hh [dBm])	-31.44	-6.28	-18.81



WCR2 Beam pairs Received Power Ratio(s); RangeGate: 2 (135 m)

	Min	Max	Mean
up/down (dB)	-38.87	11.20	-0.34
down/down-fore (dB)	-7.41	17.97	6.33



WCR2 CPP Doppler Velocity Products at 135.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg2[m/s])	-15.59	15.78	1.99	1.56
b4, hhhh(rg2[m/s])	0.87	11.62	8.91	1.48
b2, hhhh(rg2[m/s])	-4.36	1.26	-1.76	0.74