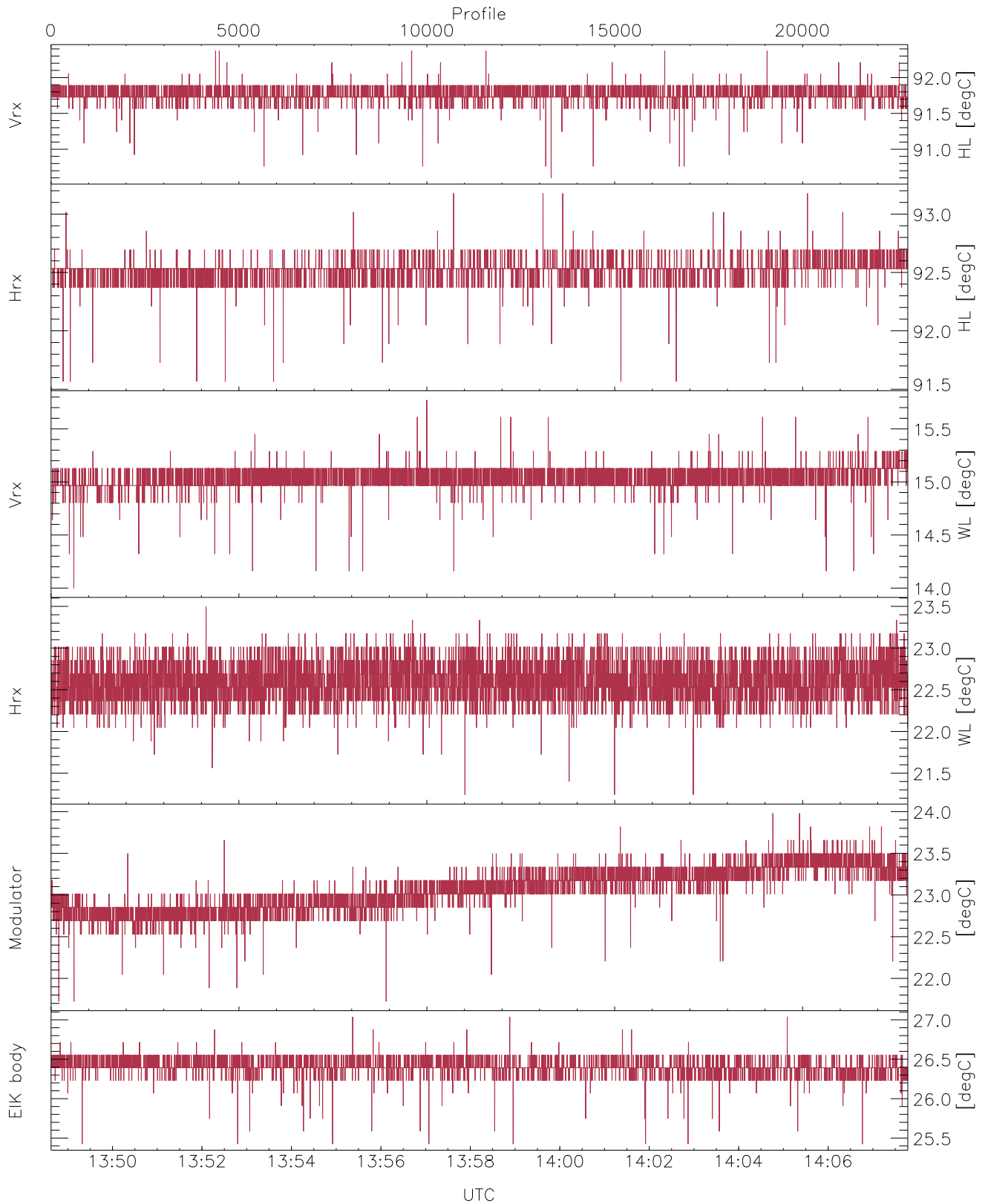


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

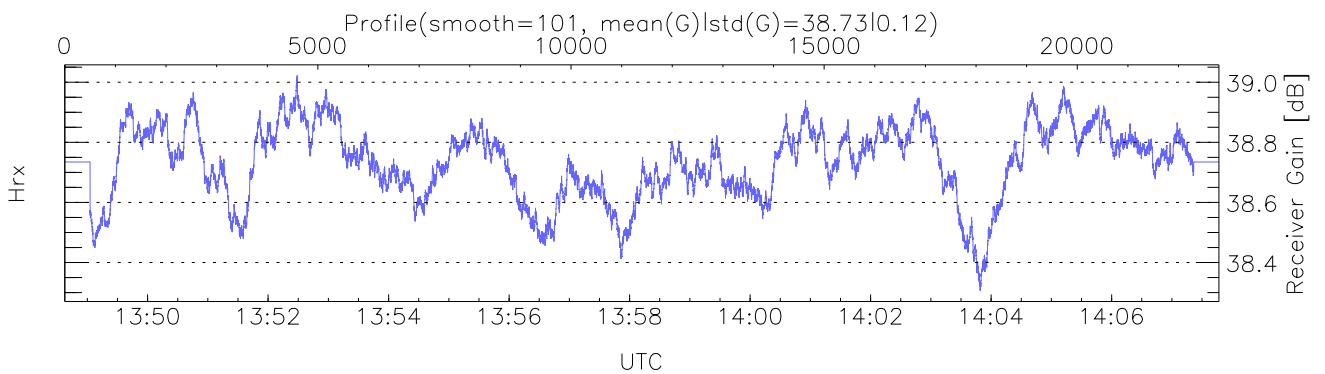
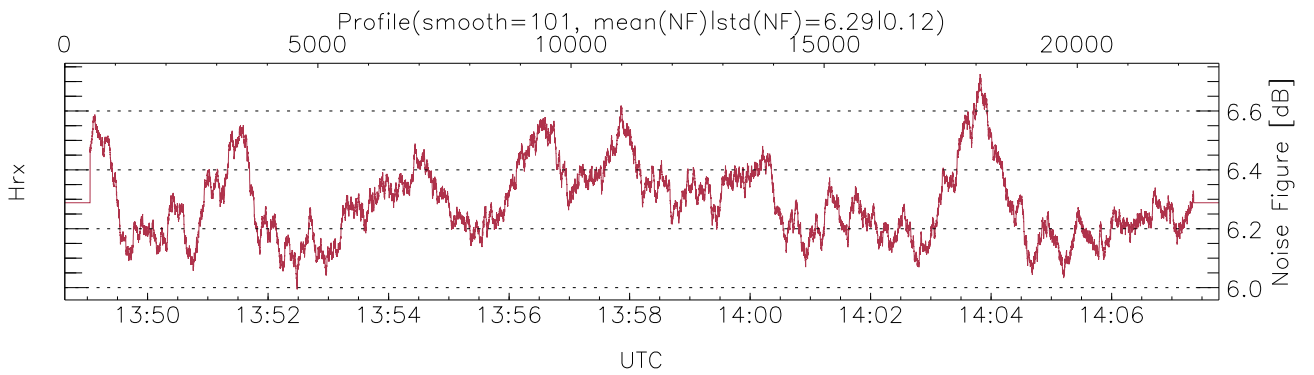
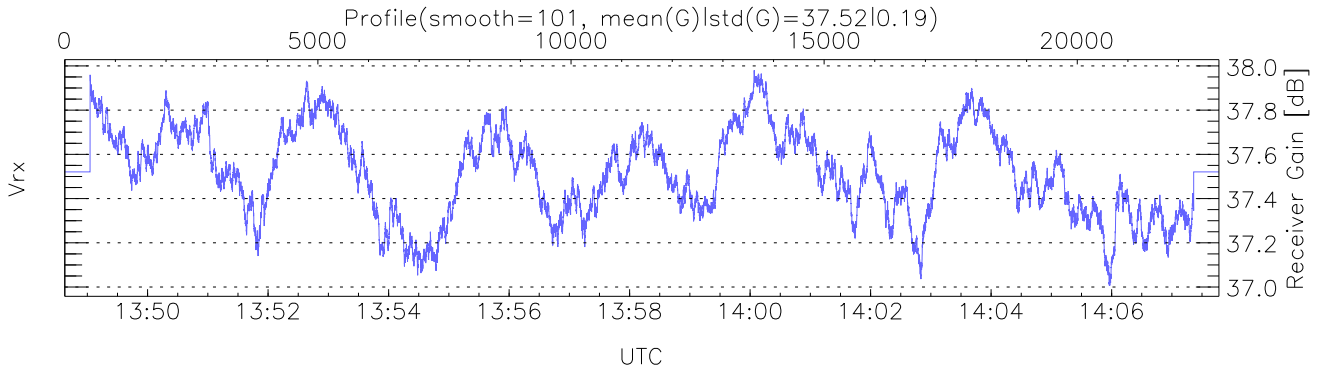
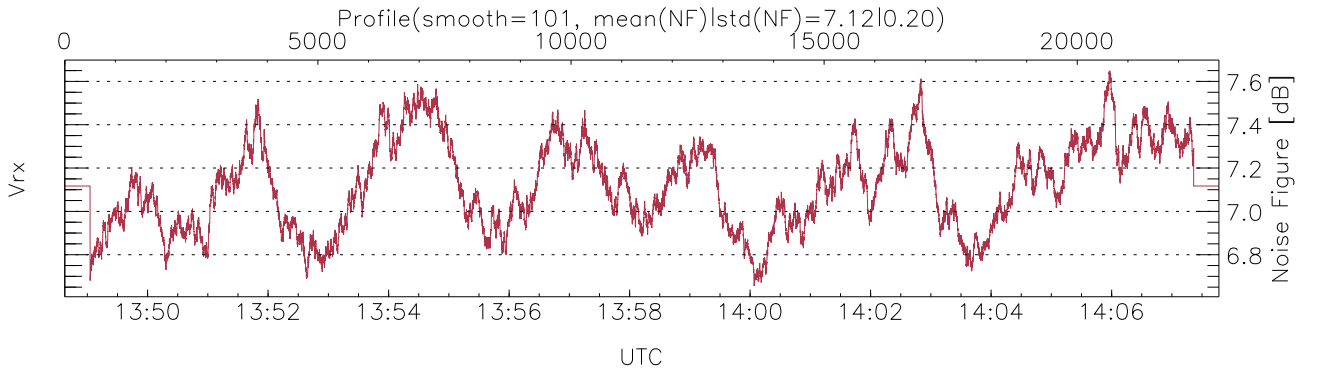
UTC: 13:48:38-14:13:37, Dur: 1499.47s  
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant  
 TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20  
 NumRec(r/t): 22800/29745, 0-22799/13:48:38-14:07:47  
 AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168  
 Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 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

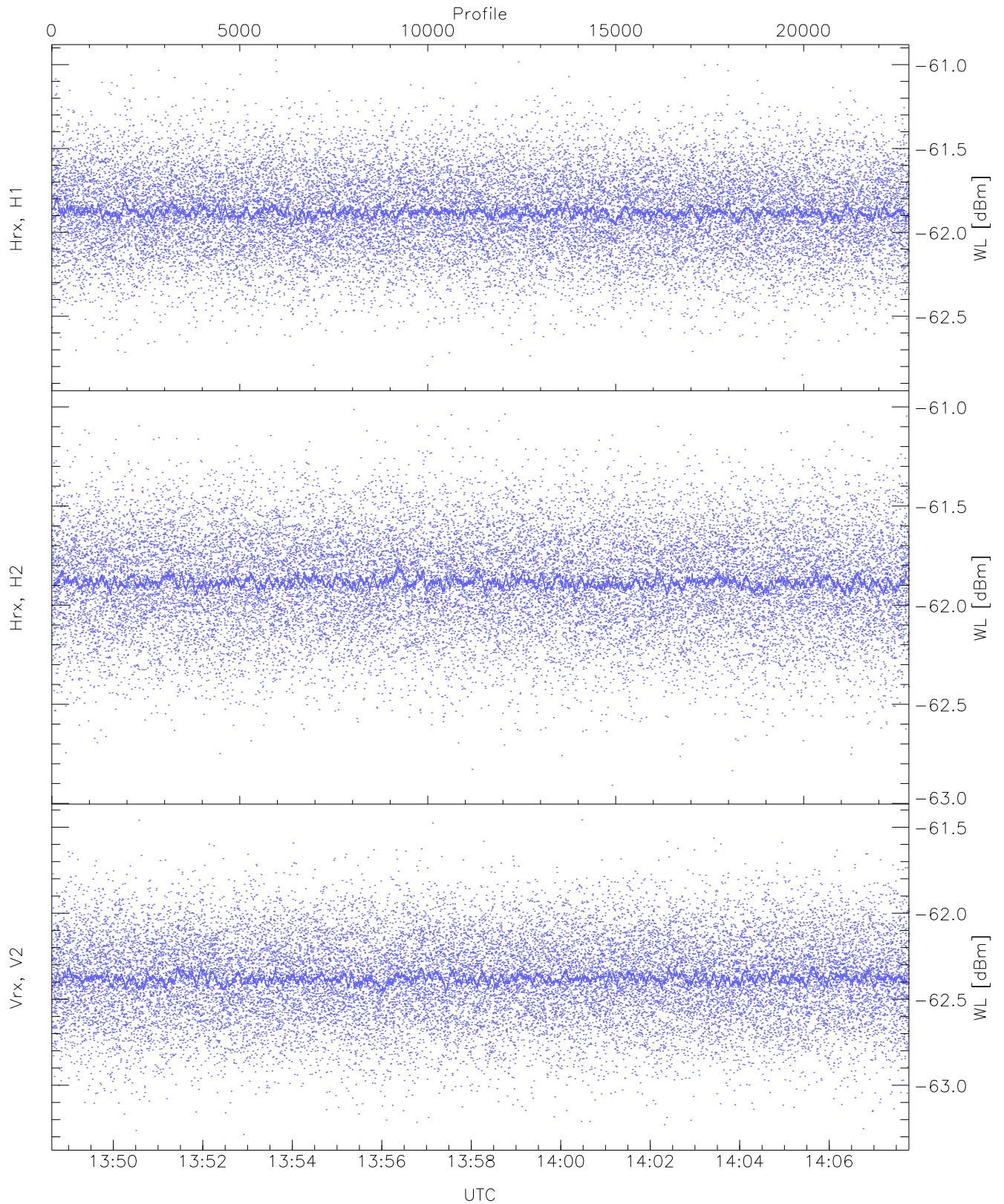
`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,14,21,21,25`  
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,15,23,23,27`  
`LOalarm(20,80,240,2.8,14.8 MHz): None`

`EIK Faults(# prof affected):`  
`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (27,27,27,27,27,15)`



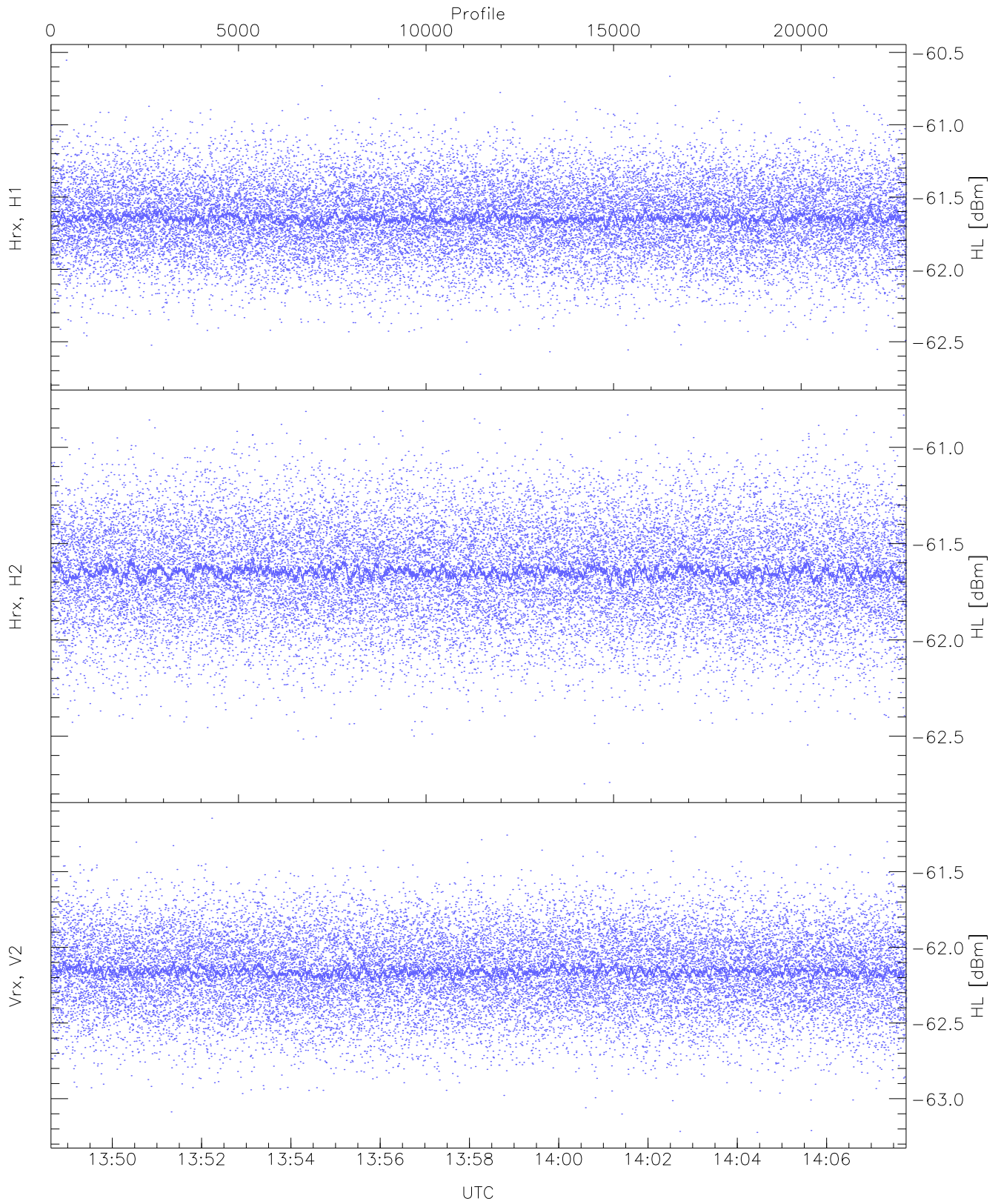
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 24240 pixs, 6 gates, 20446 profs, 1 prods



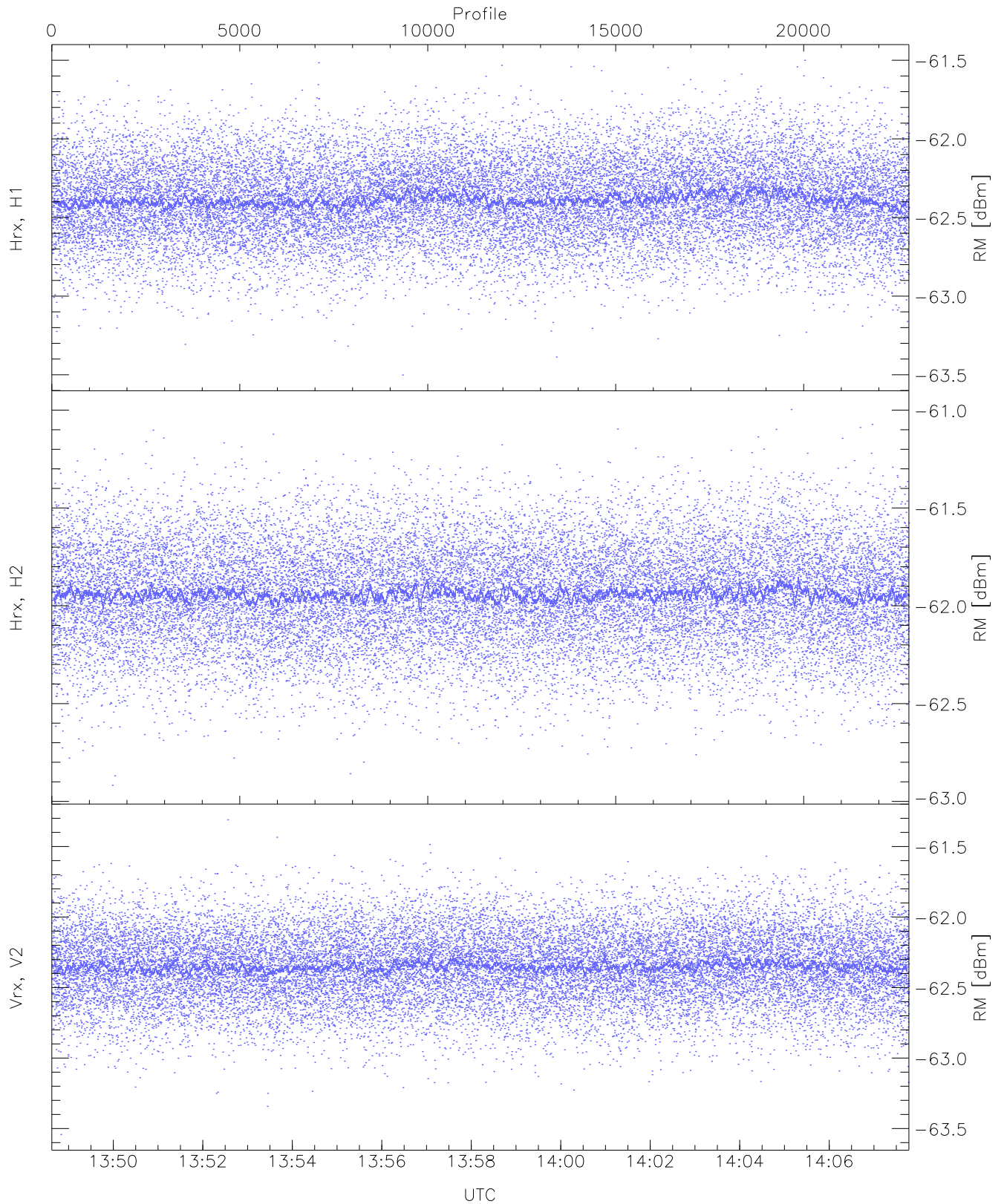
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-62.85	-60.97	-61.88	-61.88	-74.44
Hrx, H2 (WL [dBm])	-62.91	-61.01	-61.88	-61.88	-74.47
Vrx, V2 (WL [dBm])	-63.29	-61.46	-62.38	-62.38	-74.95



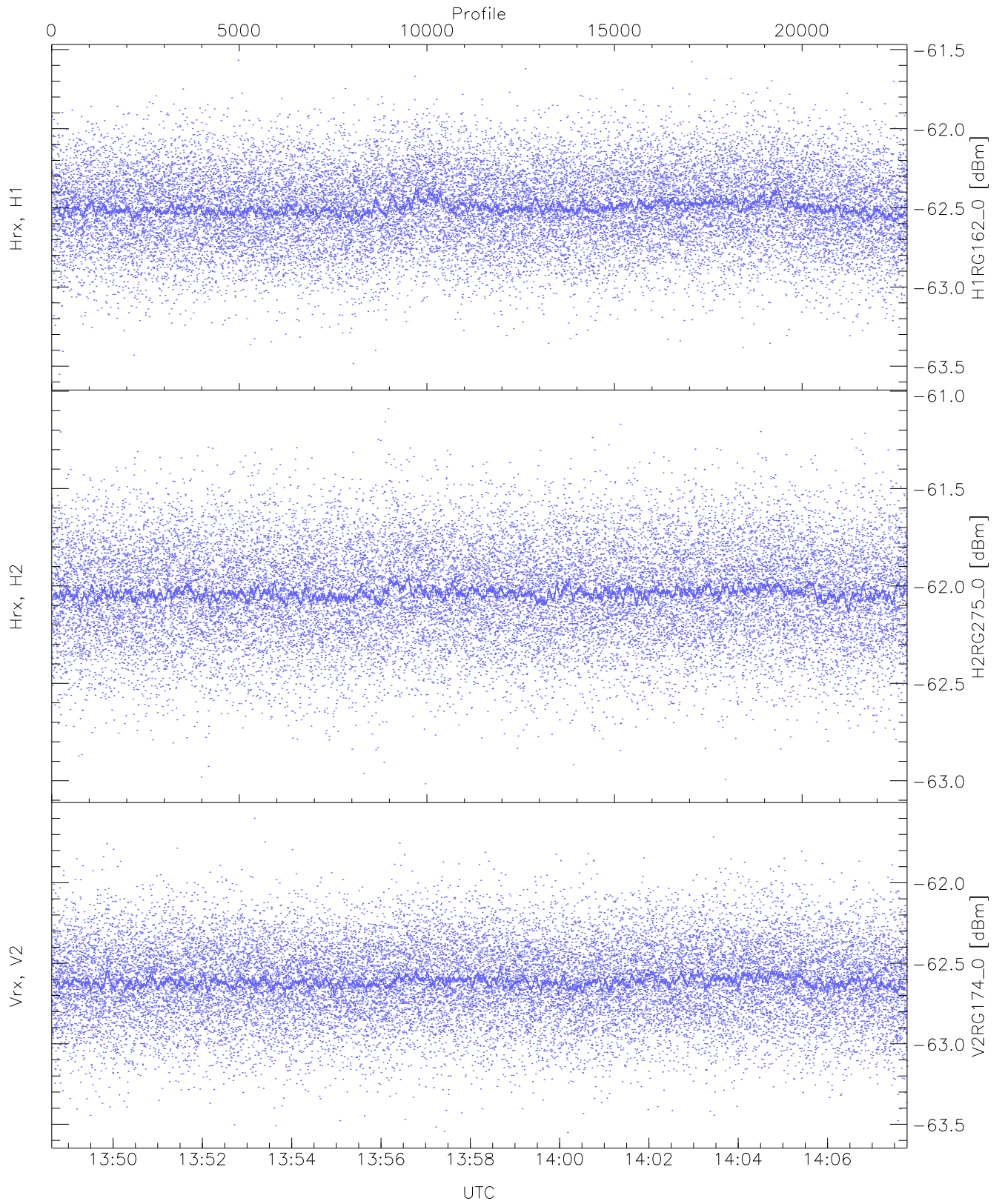
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.73	-60.55	-61.64	-61.65	-74.19
Hrx, H2 (HL [dBm])	-62.75	-60.80	-61.64	-61.65	-74.19
Vrx, V2 (HL [dBm])	-63.22	-61.15	-62.16	-62.16	-74.67



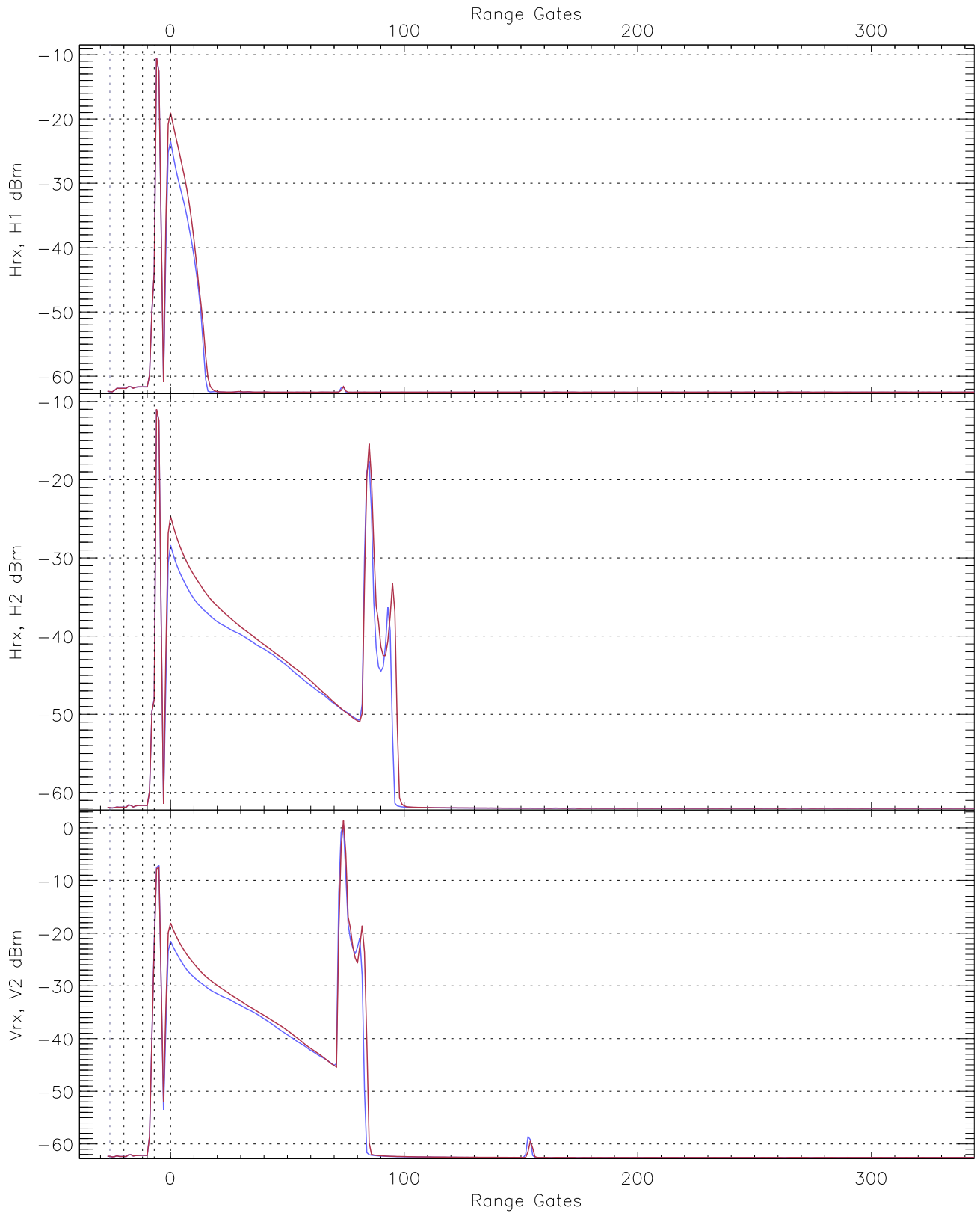
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.50	-61.50	-62.38	-62.39	-74.93
Hrx, H2 (RM [dBm])	-62.92	-61.00	-61.94	-61.94	-74.53
Vrx, V2 (RM [dBm])	-63.54	-61.31	-62.35	-62.35	-74.92



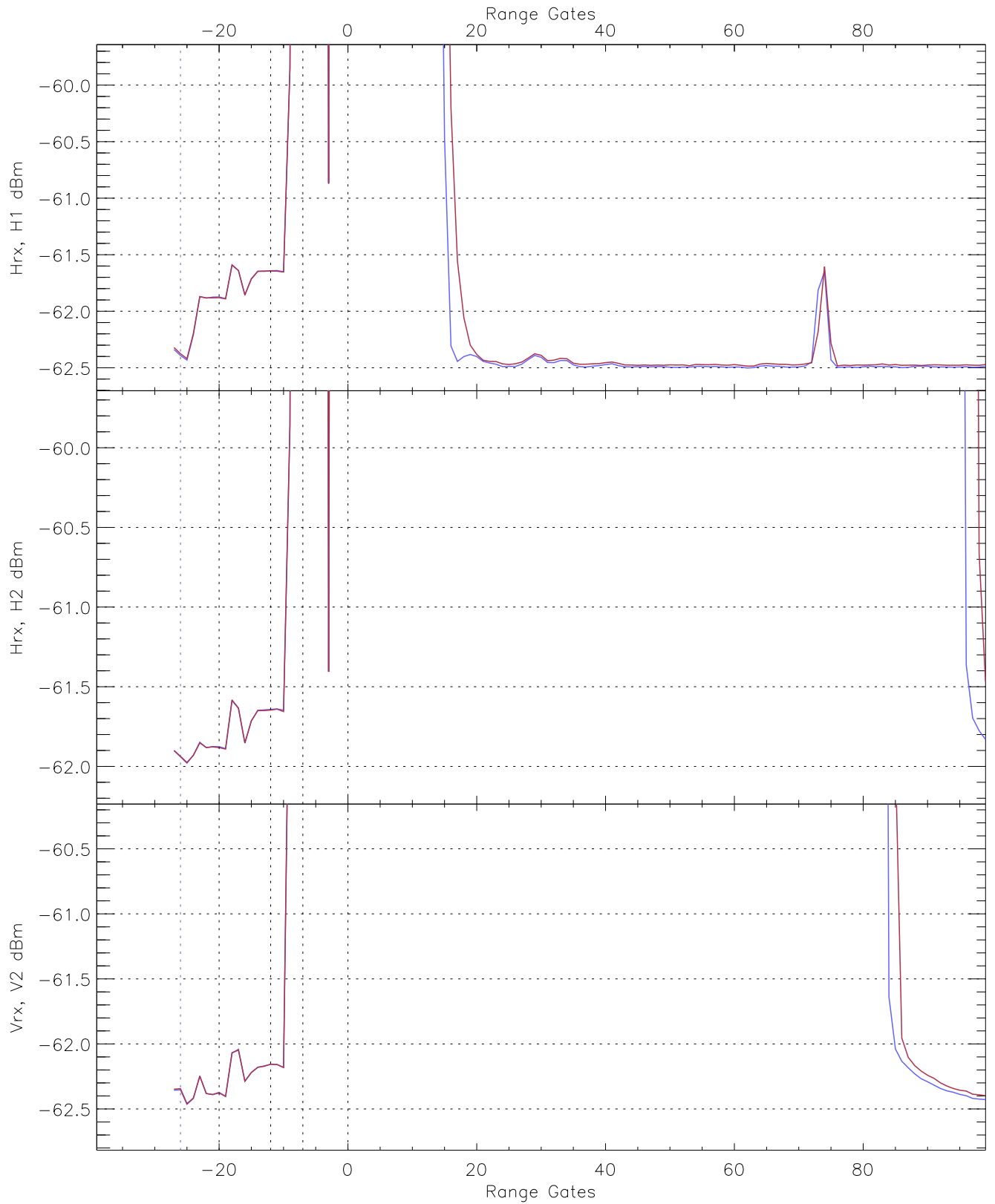
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG162_0 [dBm]	-63.55	-61.57	-62.50	-62.50	-75.02
H2RG275_0 [dBm]	-63.02	-61.09	-62.03	-62.04	-74.58
V2RG174_0 [dBm]	-63.55	-61.60	-62.61	-62.61	-75.19

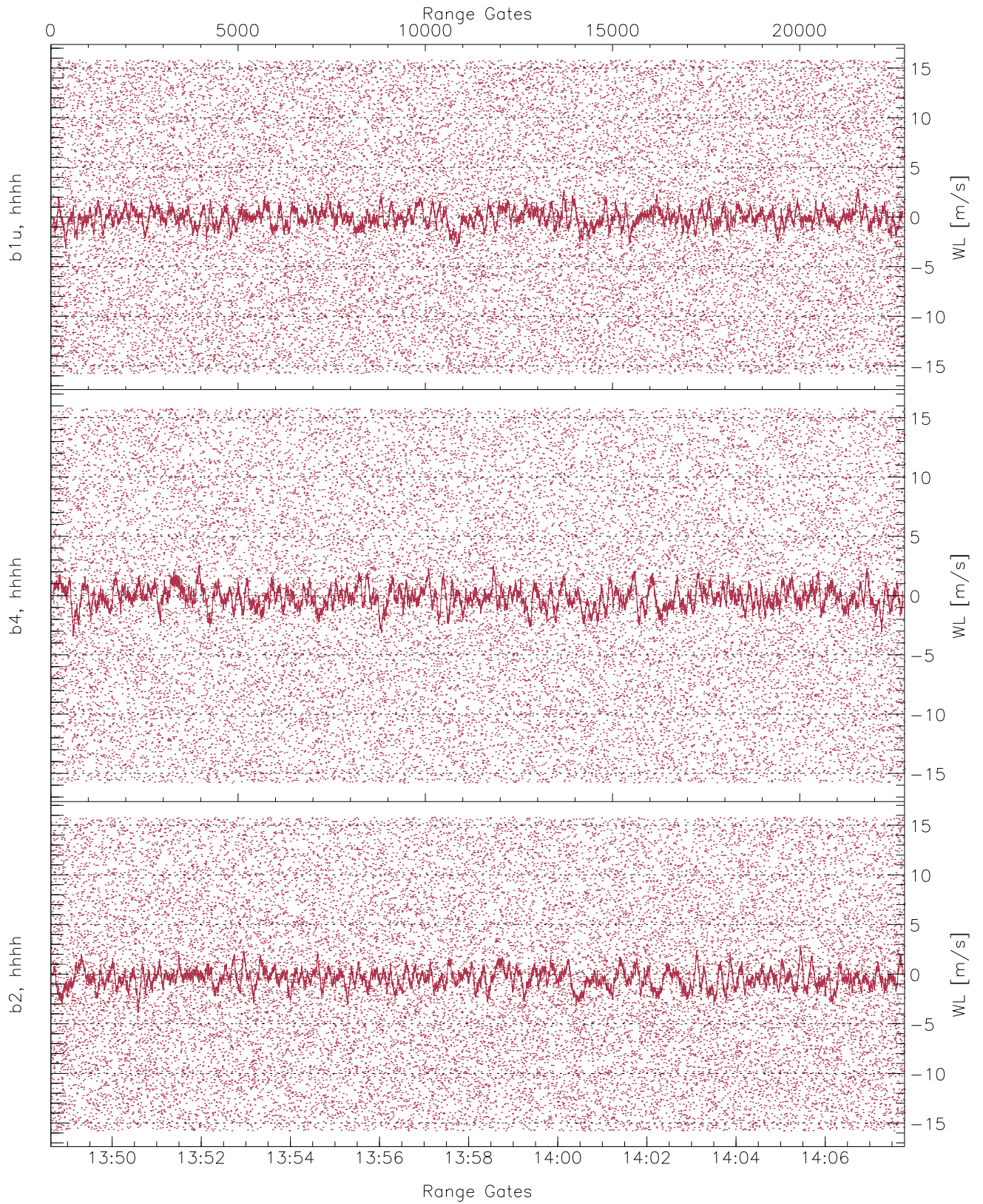


WCR2 CPP Averaged Received power for all recorded gates  
blue: 134838-135812, 11401 profiles averaged  
red: 135812-140747, 11400 profiles averaged

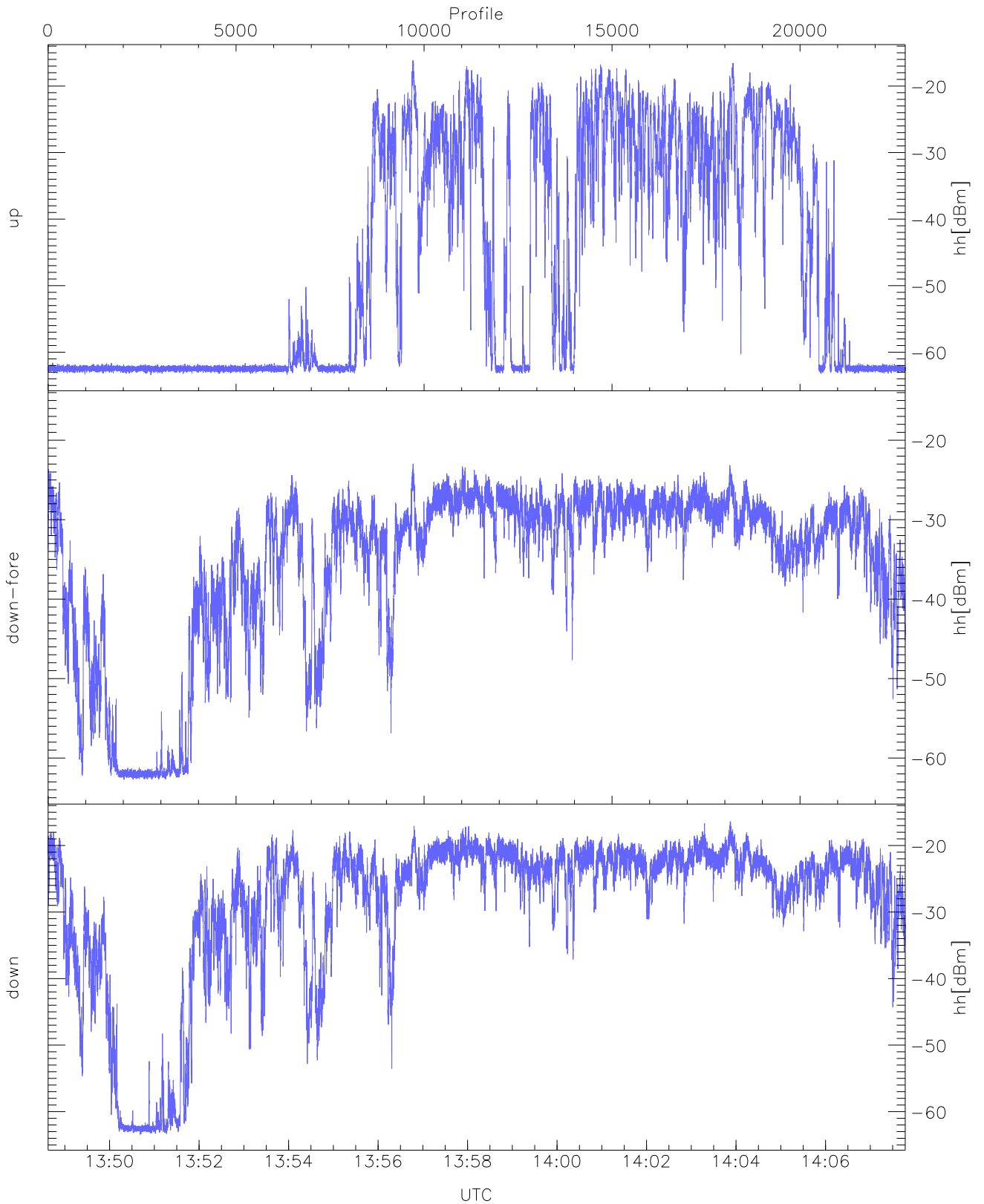




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 134838-135812, 11401 profiles averaged  
red: 135812-140747, 11400 profiles averaged

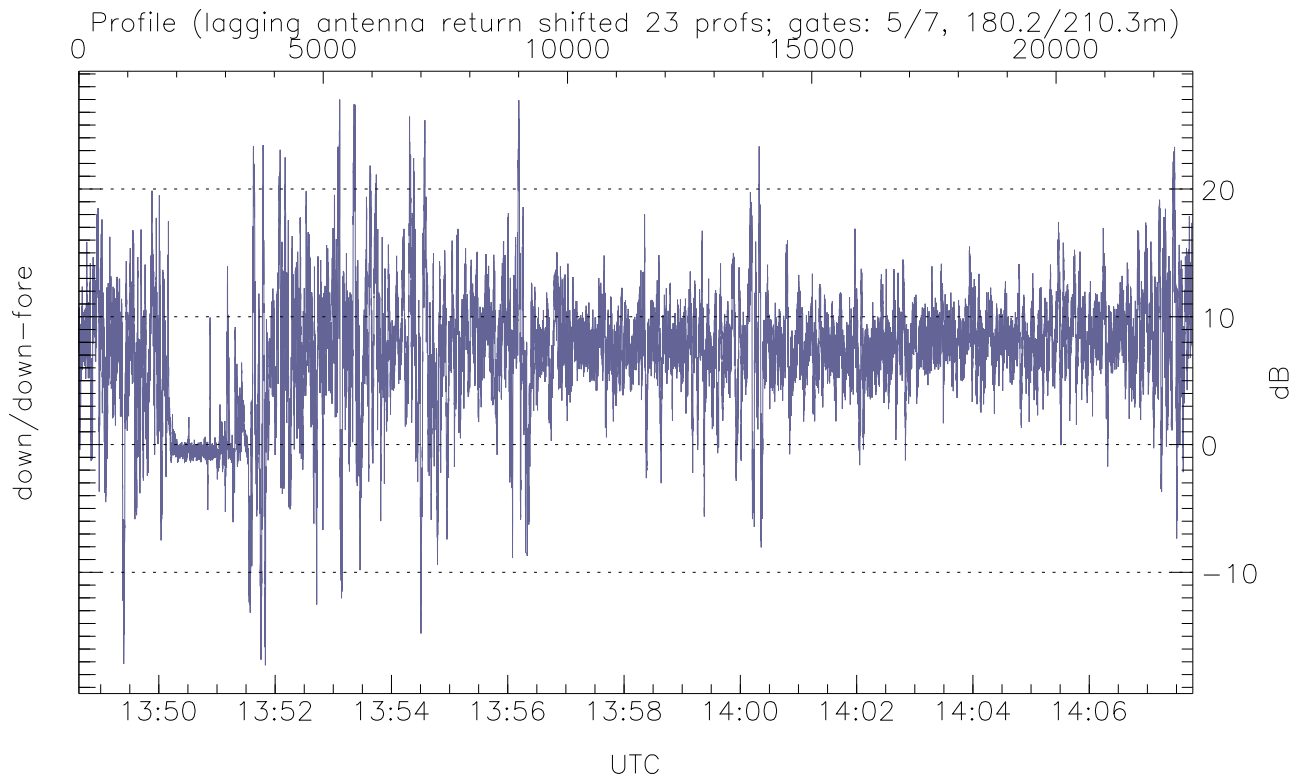
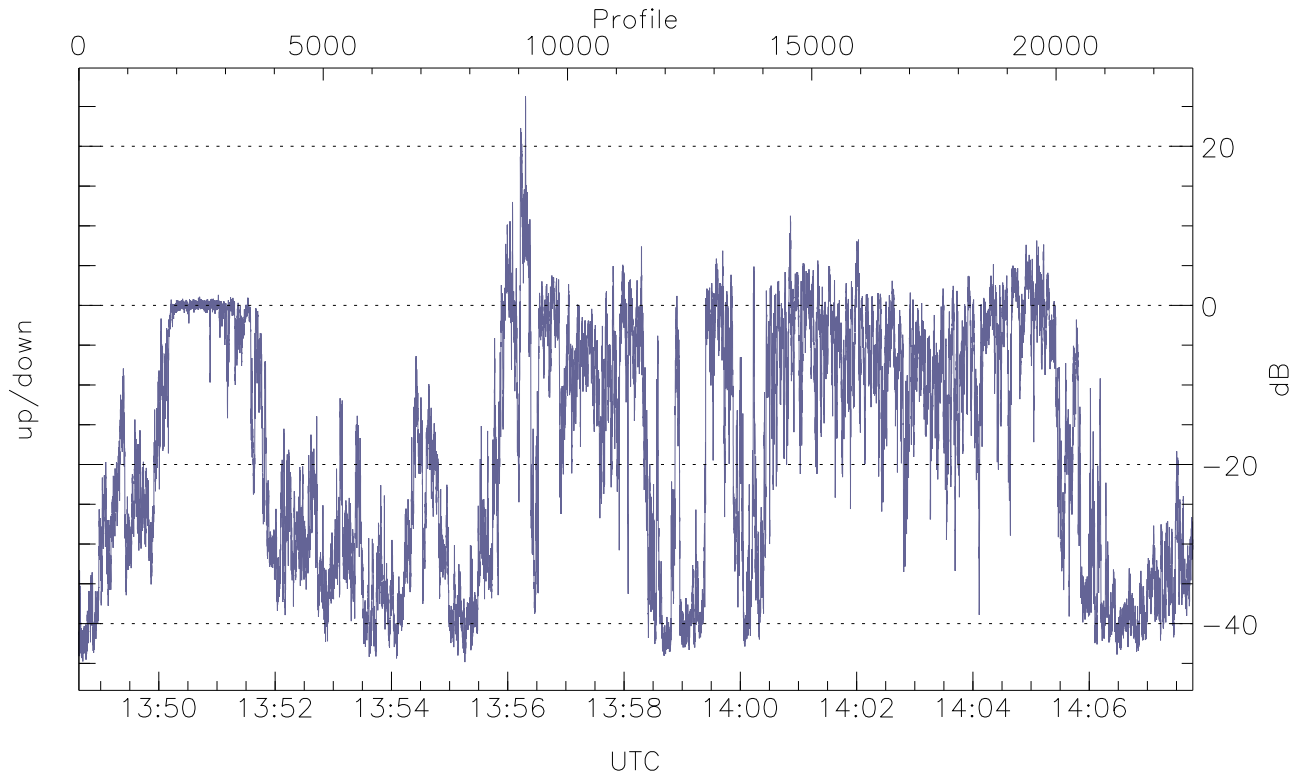


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



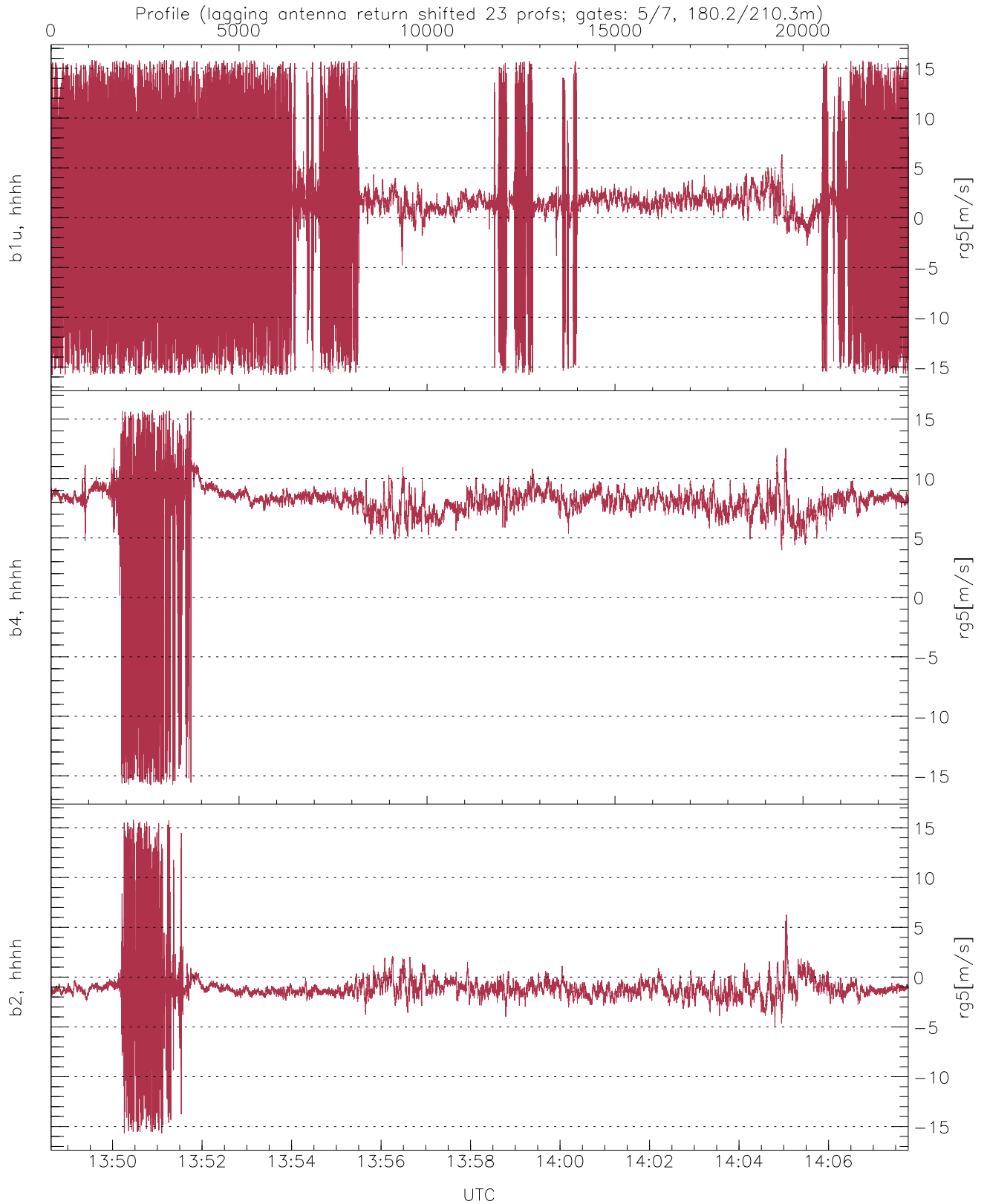
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.42	-16.13	-29.07
down-fore(hh[dBm])	-62.74	-22.96	-30.59
down(hh[dBm])	-63.43	-16.39	-23.93



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

	Min	Max	Mean
up/down (dB)	-44.84	26.28	-17.92
down/down-fore (dB)	-17.27	27.00	7.13



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.80	0.83	5.98
b4, hhhh(rg5[m/s])	-15.80	15.77	7.66	3.06
b2, hhhh(rg5[m/s])	-15.68	15.79	-1.12	1.99