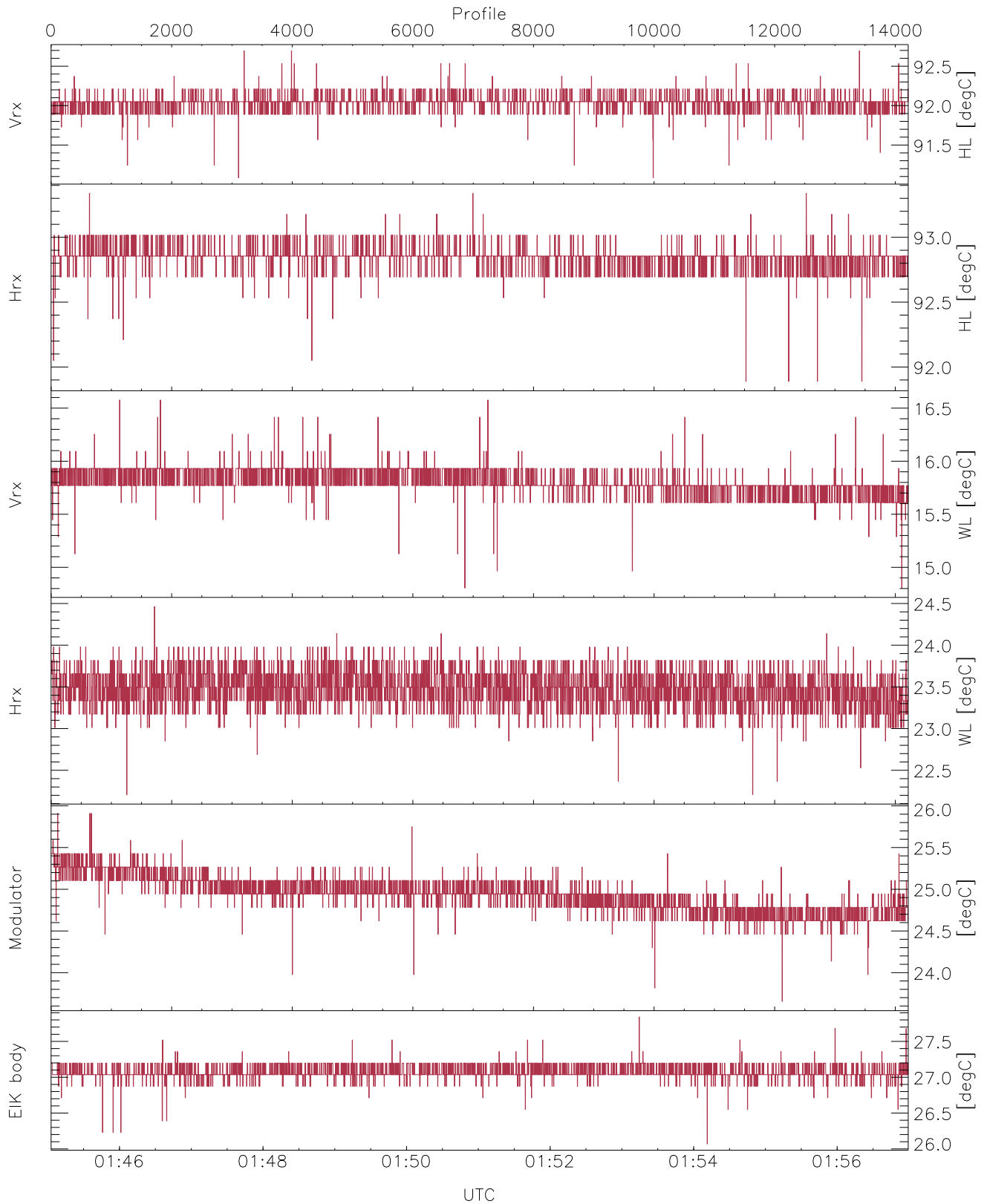


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

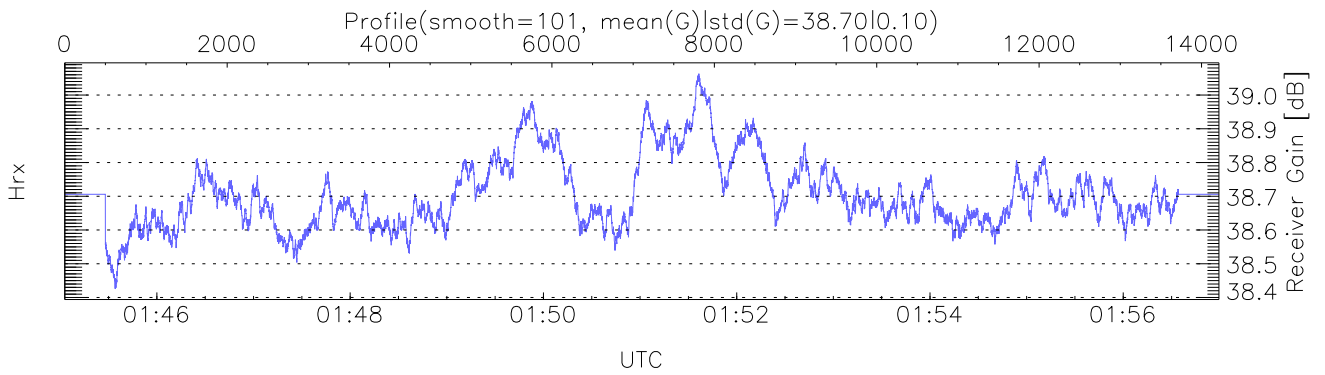
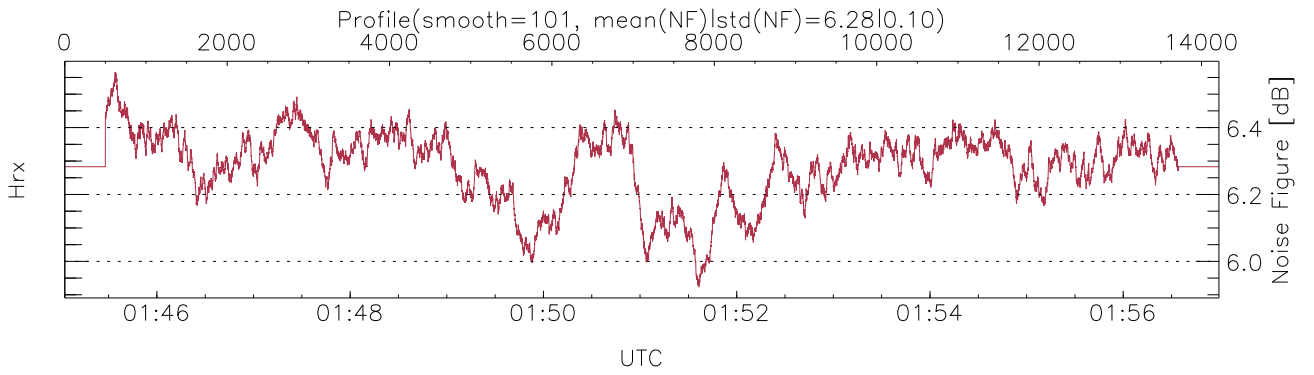
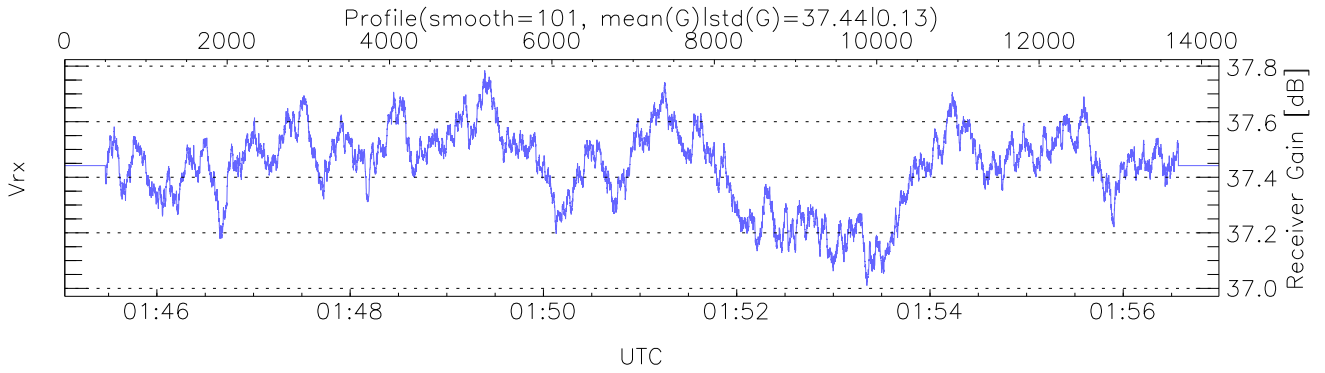
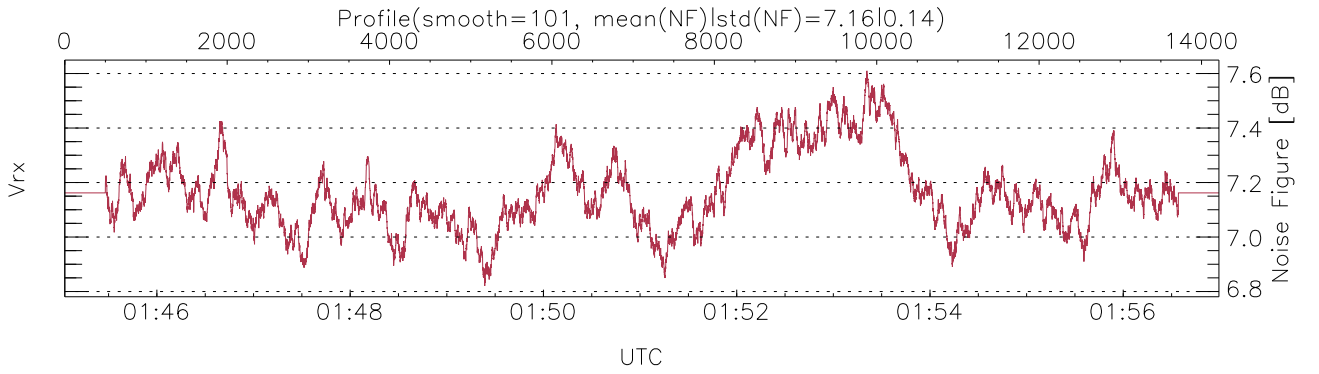
UTC: 01:45:03-01:56:59, Dur: 716.62s  
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant  
 TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20  
 NumRec(r/t): 14216/14216, 0-14215/01:45:03-01:56:59  
 AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168  
 Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 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

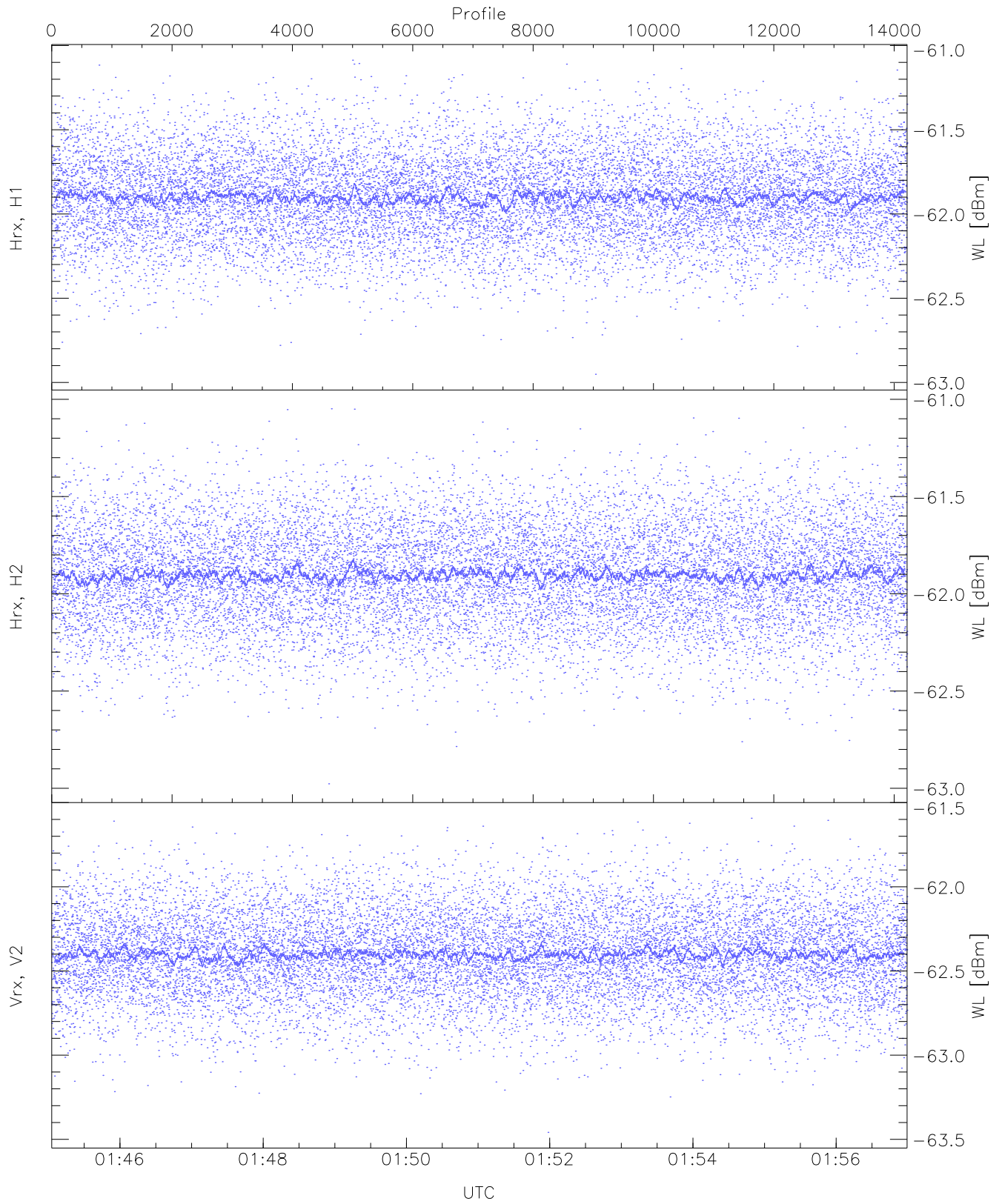
`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,91,14,22,23,26`  
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,16,24,25,27`  
`LOalarm(20,80,240,2.8,14.8 MHz): None`

`EIK Faults(# prof affected):`  
`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (15,15,15,15,15,5)`



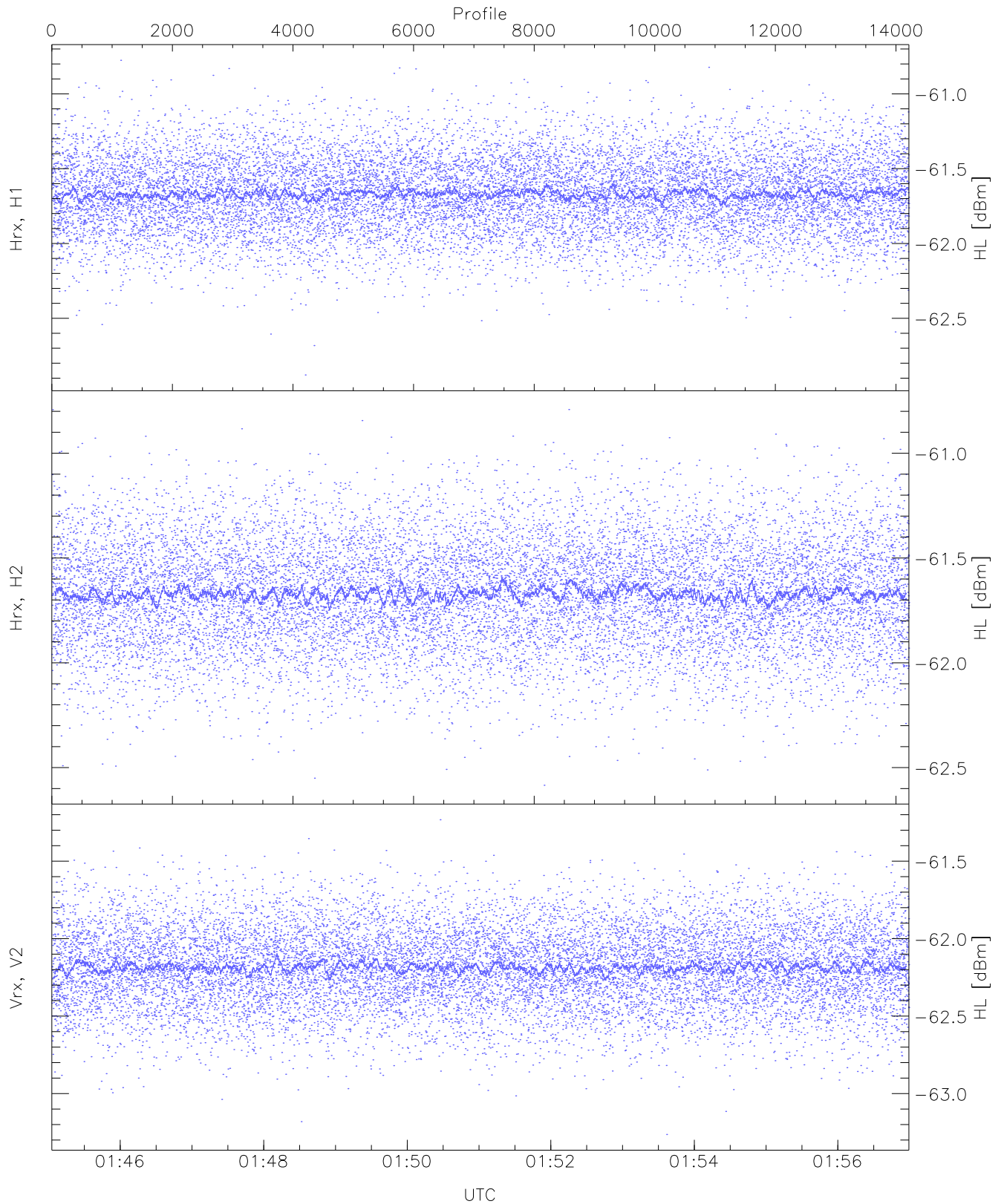
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 6059 pixs, 14 gates, 6049 profs, 1 prods



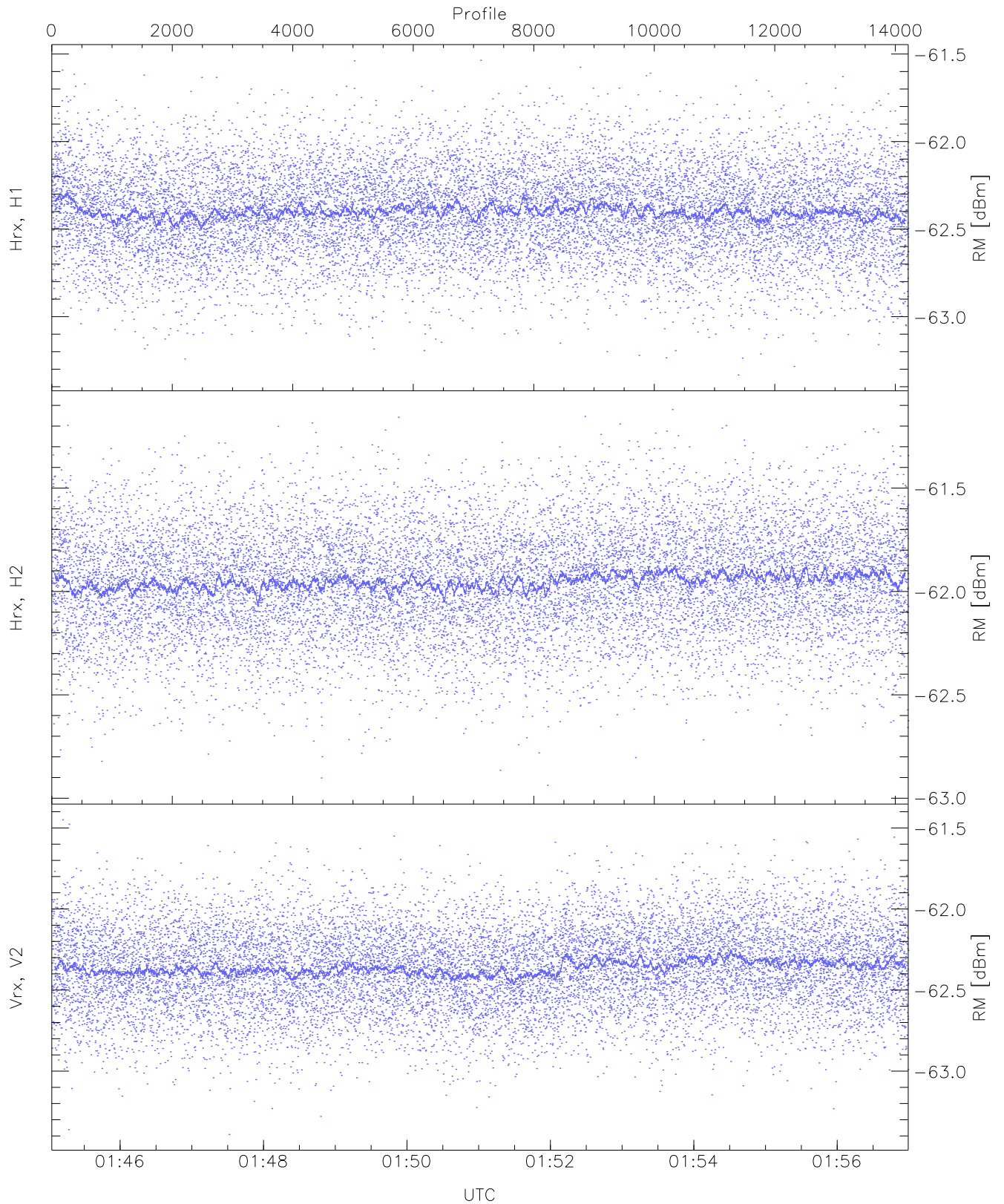
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.95	-61.09	-61.90	-61.90	-74.46
Hrx, H2(WL [dBm])	-62.98	-61.05	-61.90	-61.90	-74.47
Vrx, V2(WL [dBm])	-63.46	-61.59	-62.40	-62.40	-75.02



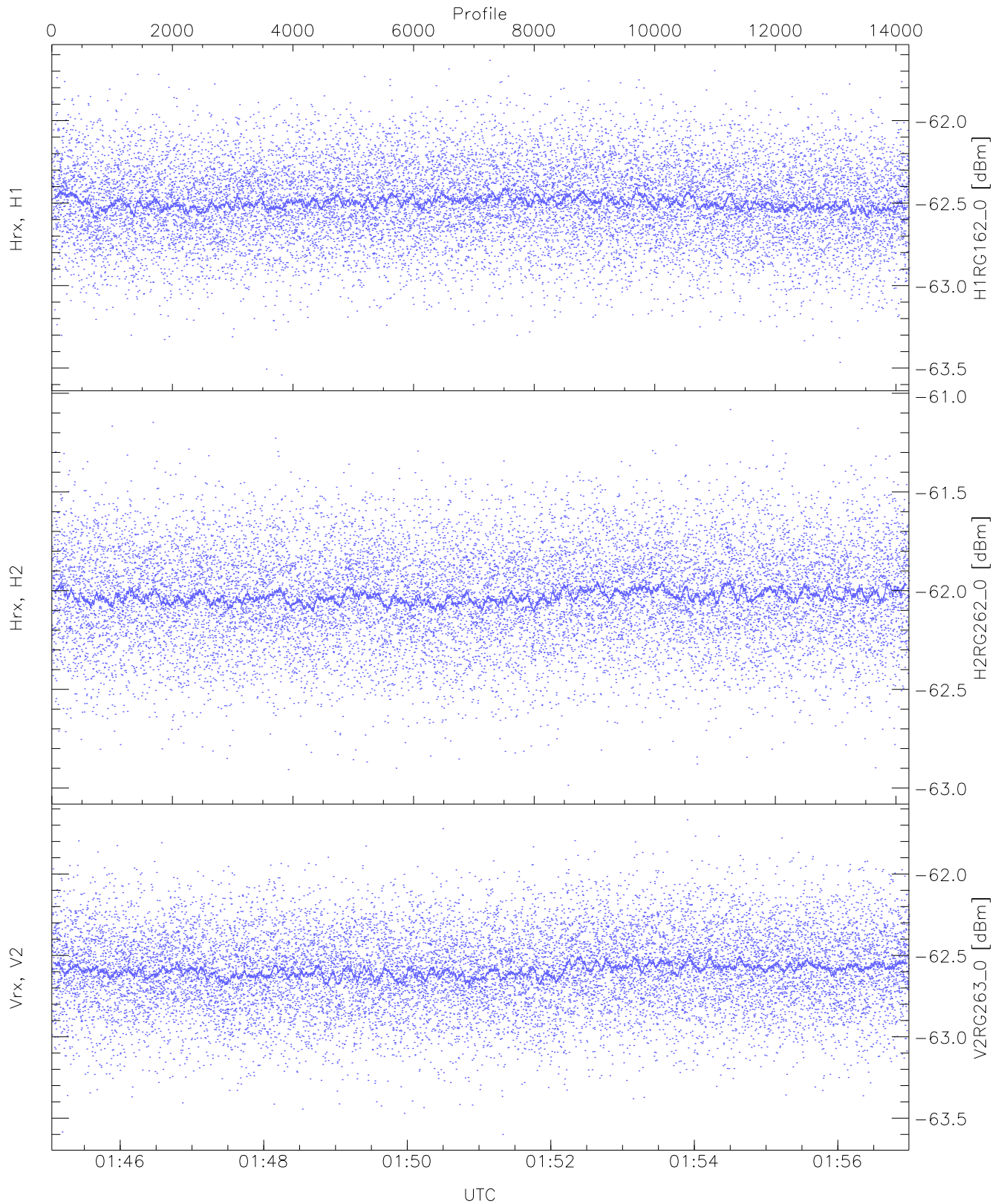
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.88	-60.78	-61.67	-61.67	-74.26
Hrx, H2 (HL [dBm])	-62.58	-60.79	-61.67	-61.67	-74.27
Vrx, V2 (HL [dBm])	-63.26	-61.23	-62.18	-62.19	-74.76



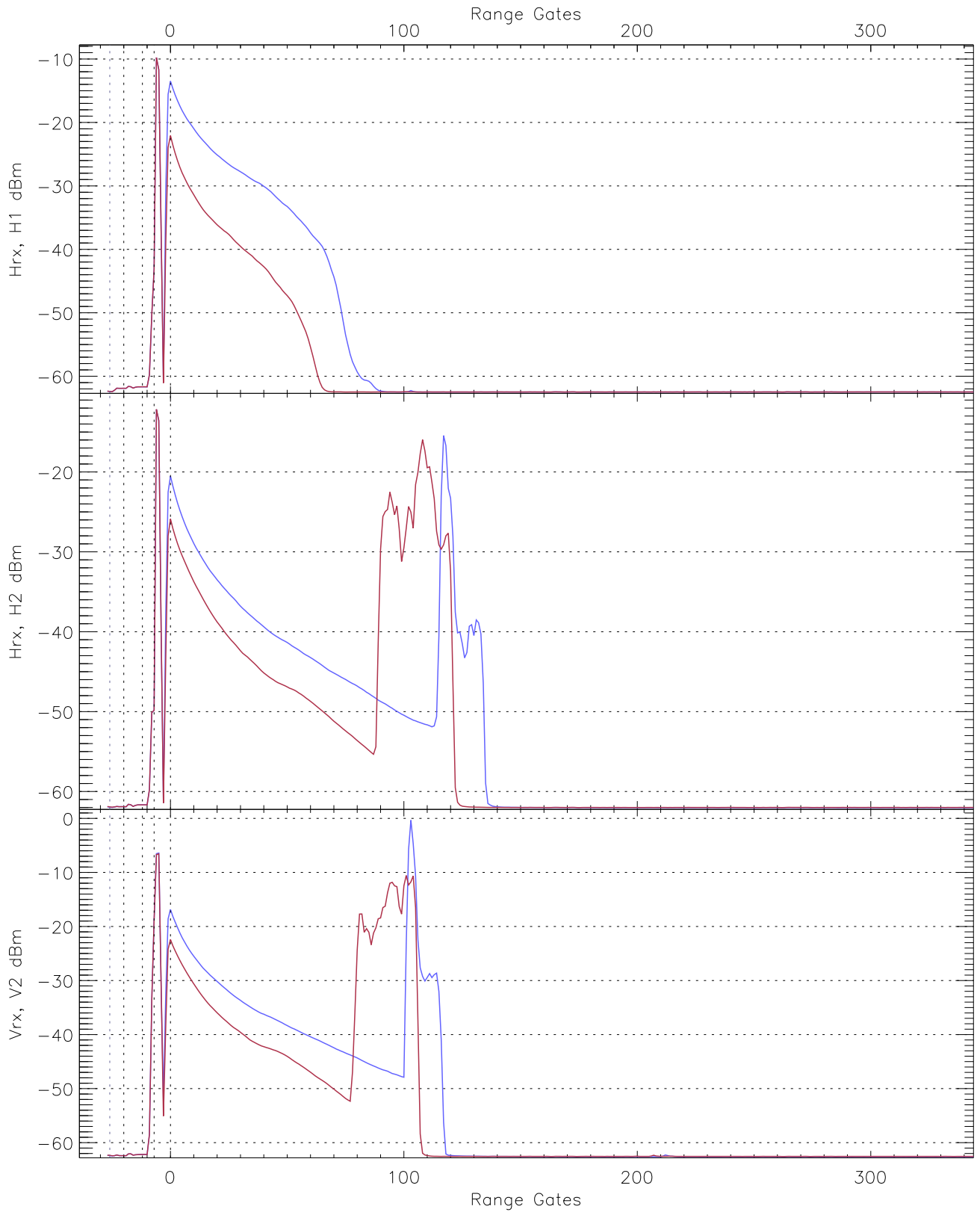
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.33	-61.54	-62.40	-62.40	-74.96
Hrx, H2 (RM [dBm])	-62.94	-61.12	-61.95	-61.95	-74.49
Vrx, V2 (RM [dBm])	-63.39	-61.45	-62.36	-62.36	-74.86



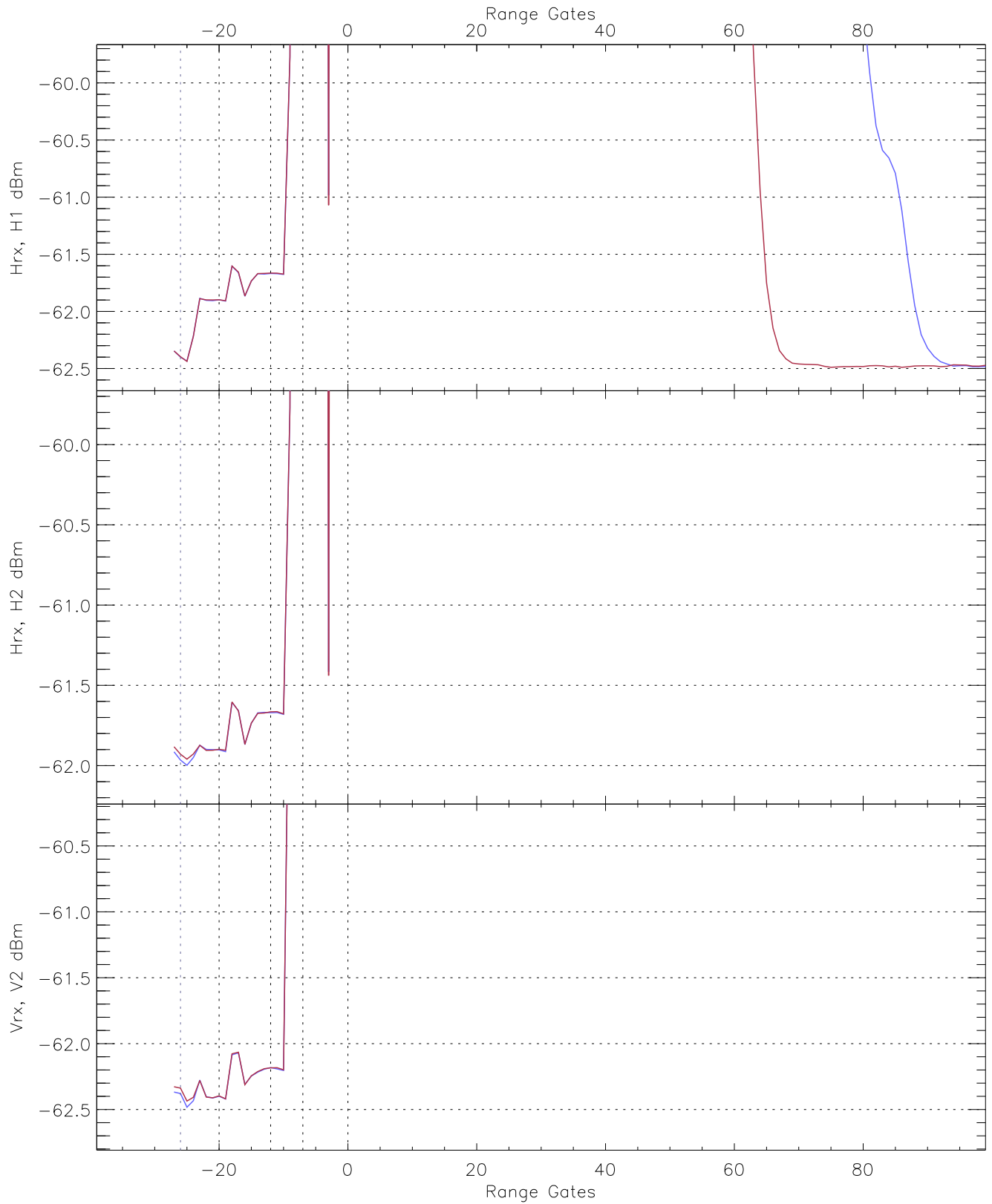
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG162_0 [dBm]	-63.54	-61.63	-62.49	-62.50	-75.03
H2RG262_0 [dBm]	-62.99	-61.08	-62.02	-62.03	-74.57
V2RG263_0 [dBm]	-63.60	-61.67	-62.59	-62.59	-75.07

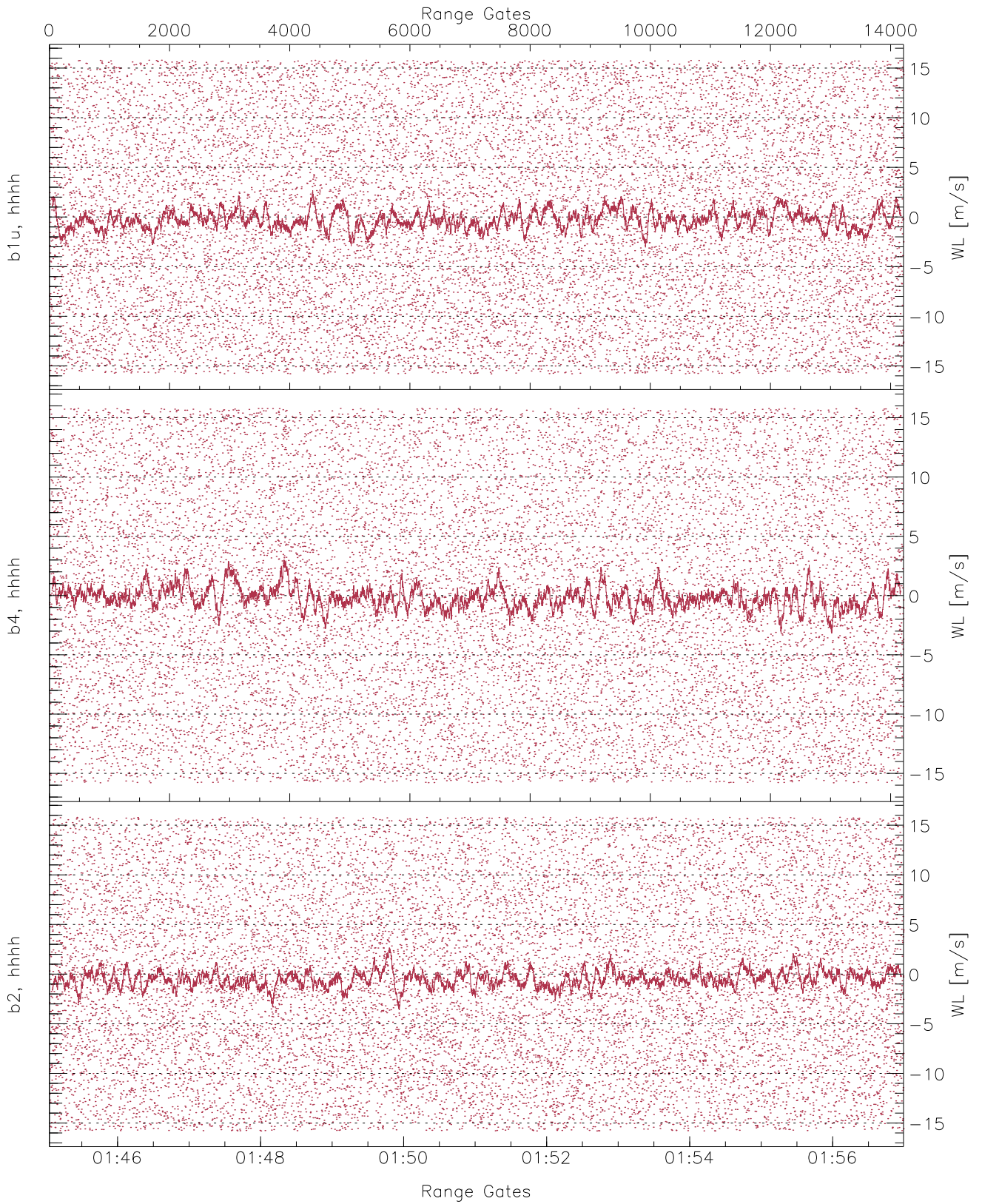


WCR2 CPP Averaged Received power for all recorded gates  
blue: 014503-015101, 7109 profiles averaged  
red: 015101-015659, 7108 profiles averaged

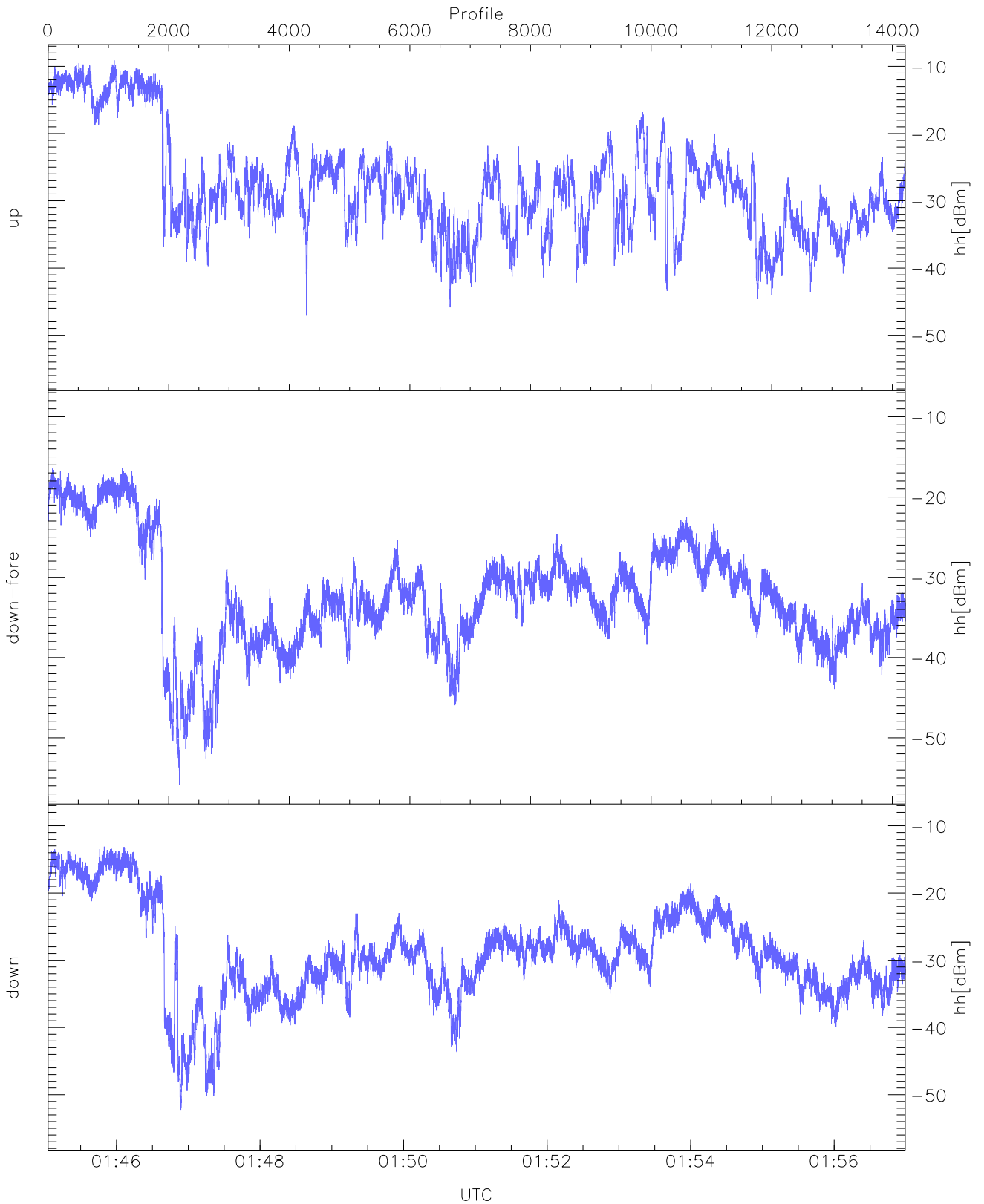




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 014503-015101, 7109 profiles averaged  
red: 015101-015659, 7108 profiles averaged

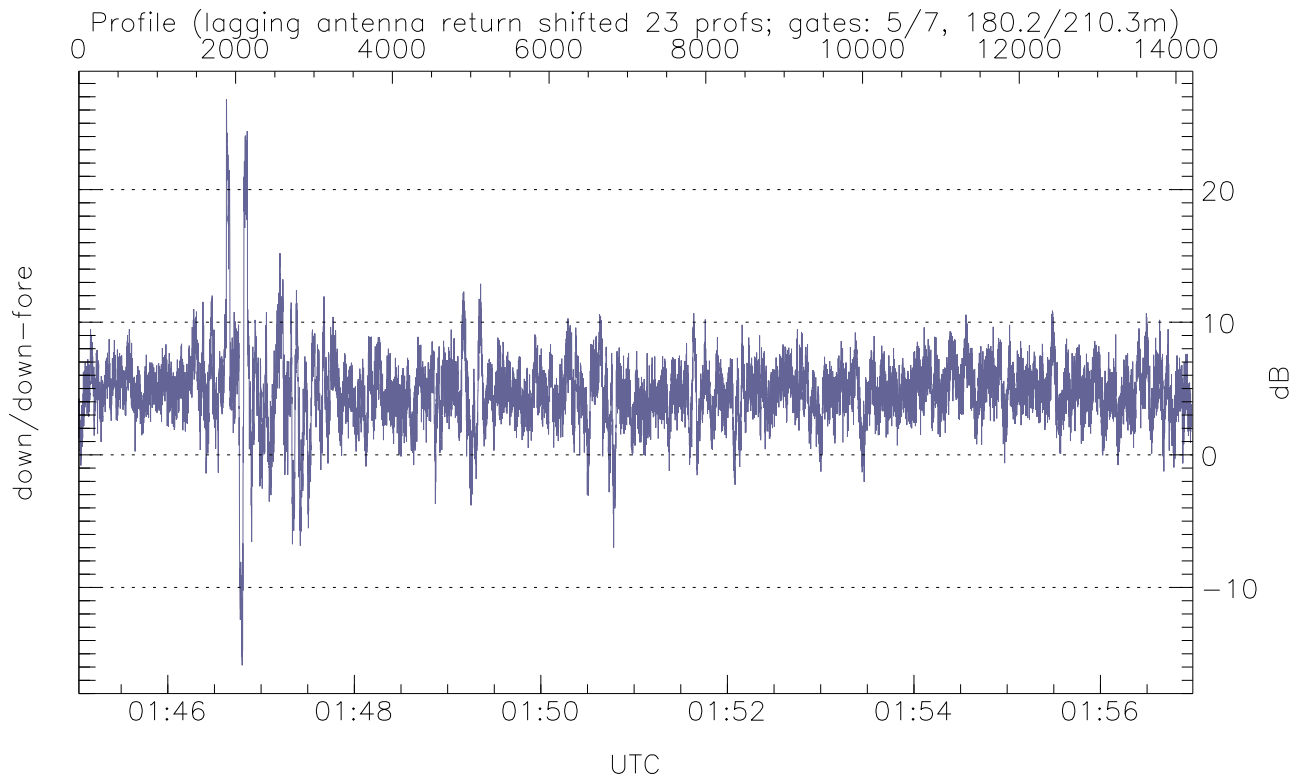
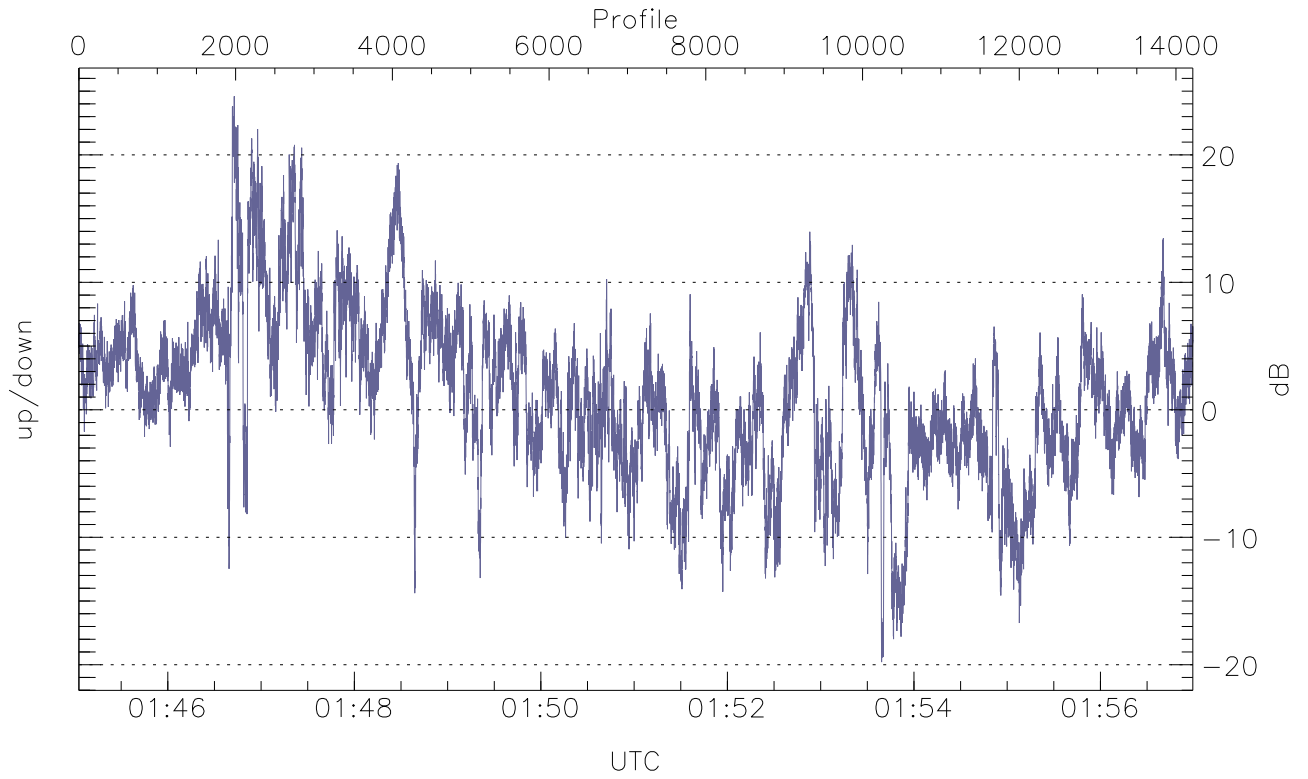


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



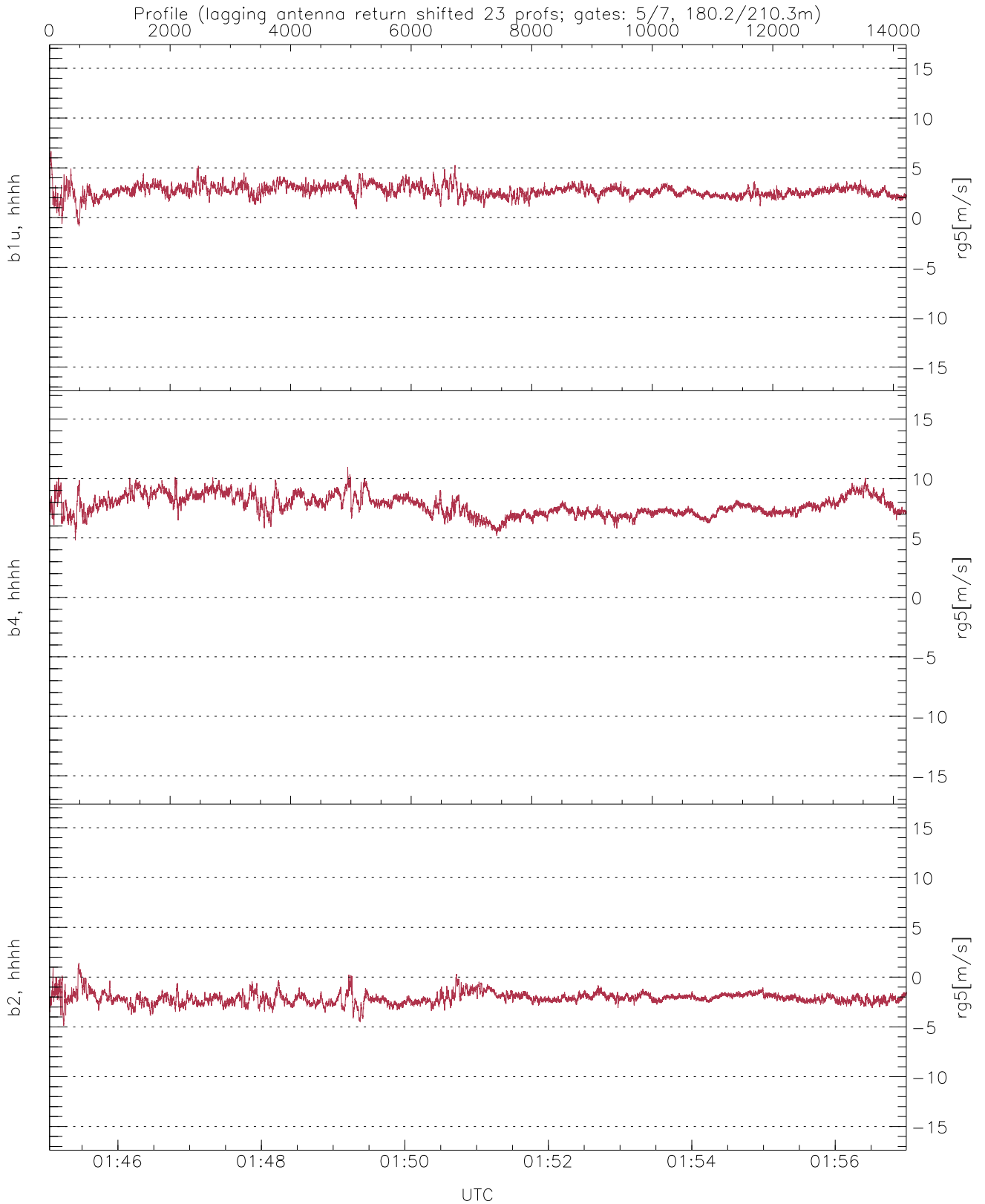
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-47.09	-9.10	-20.70
down-fore(hh[dBm])	-55.91	-16.35	-27.38
down(hh[dBm])	-52.34	-13.12	-23.86



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

	Min	Max	Mean
up/down (dB)	-19.79	24.59	1.21
down/down-fore (dB)	-15.87	26.79	4.73



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-0.84	6.67	2.68	0.61
b4, hhhh(rg5[m/s])	4.82	10.96	7.72	0.85
b2, hhhh(rg5[m/s])	-4.87	1.43	-2.10	0.57