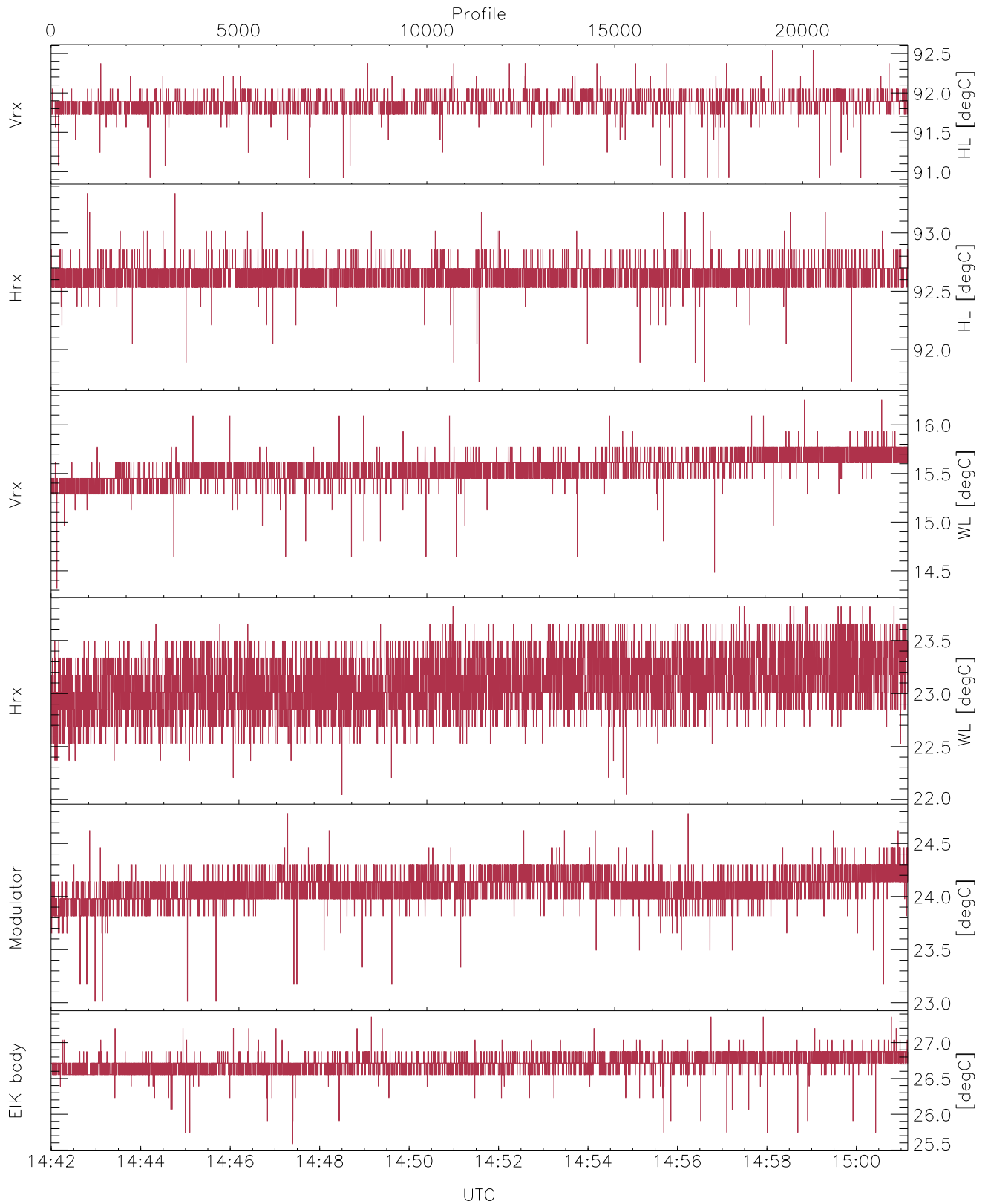


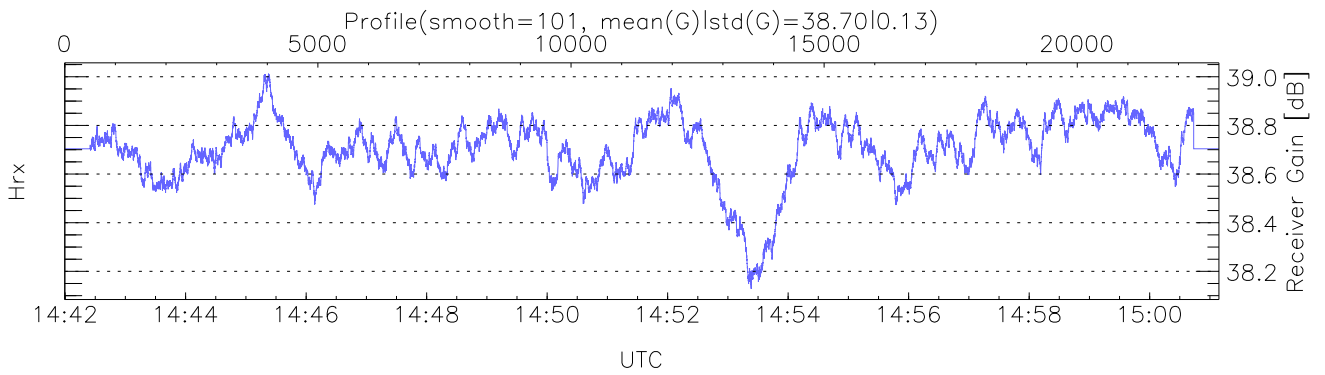
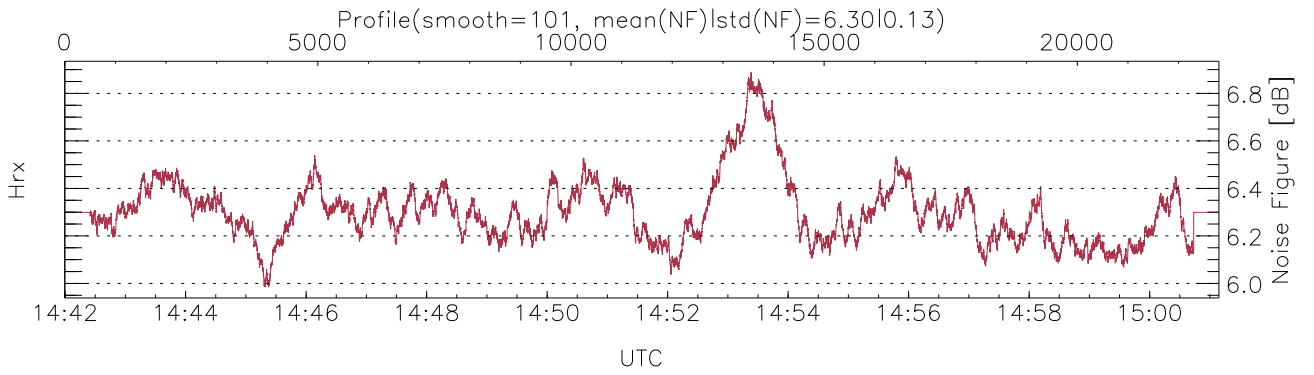
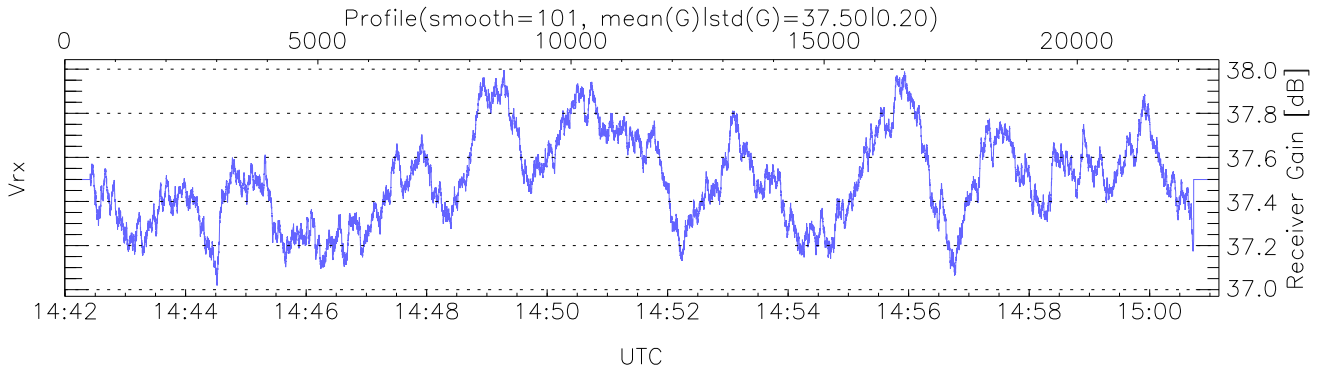
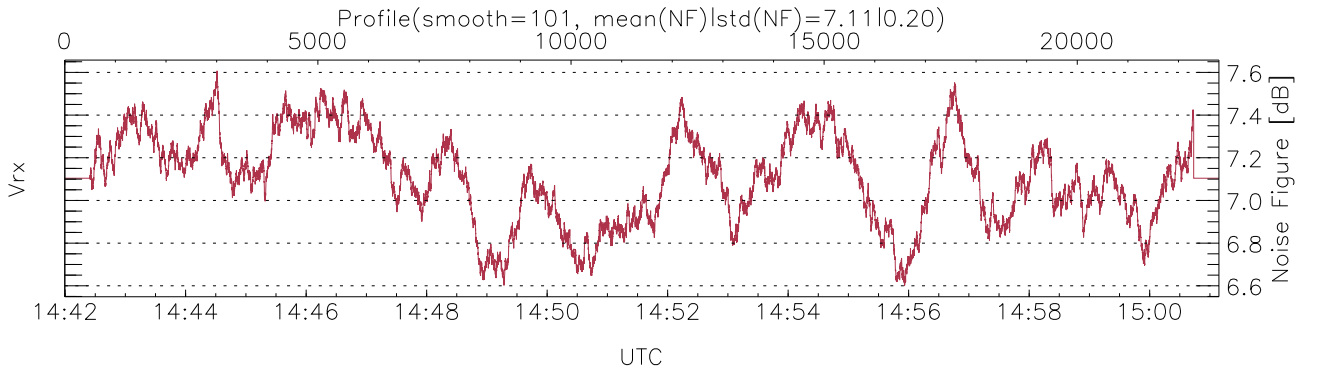
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 14:42:00-15:09:30, Dur: 1649.95s  
 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): 22800/32730, 0-22799/14:42:00-15:01:09  
 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



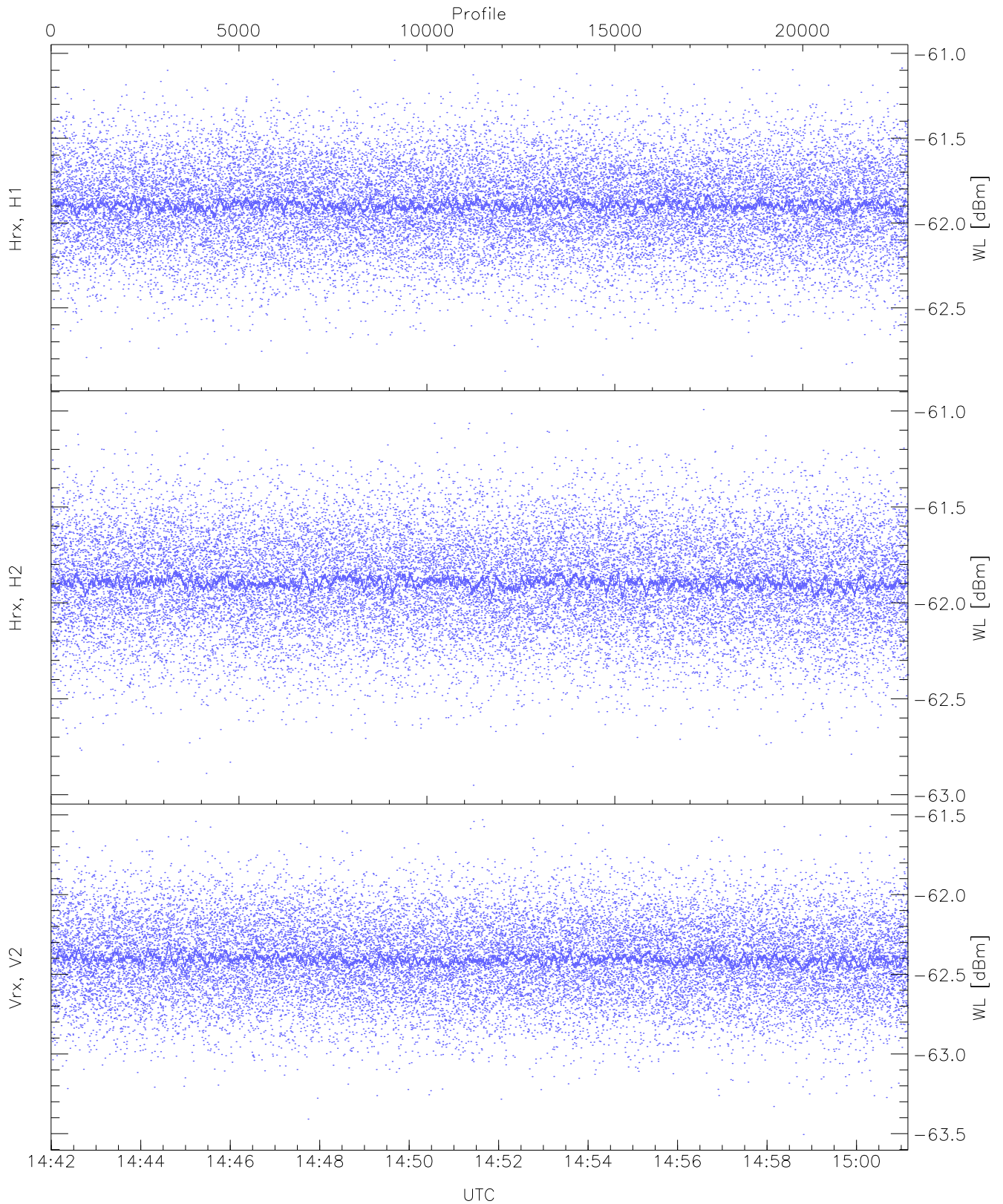
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,14,22,23,25`  
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,16,23,24,27`  
`LOalarm(20,80,240,2.8,14.8 MHz): None`  
`EIK Faults(# prof affected):`  
`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (21,21,21,21,15)`



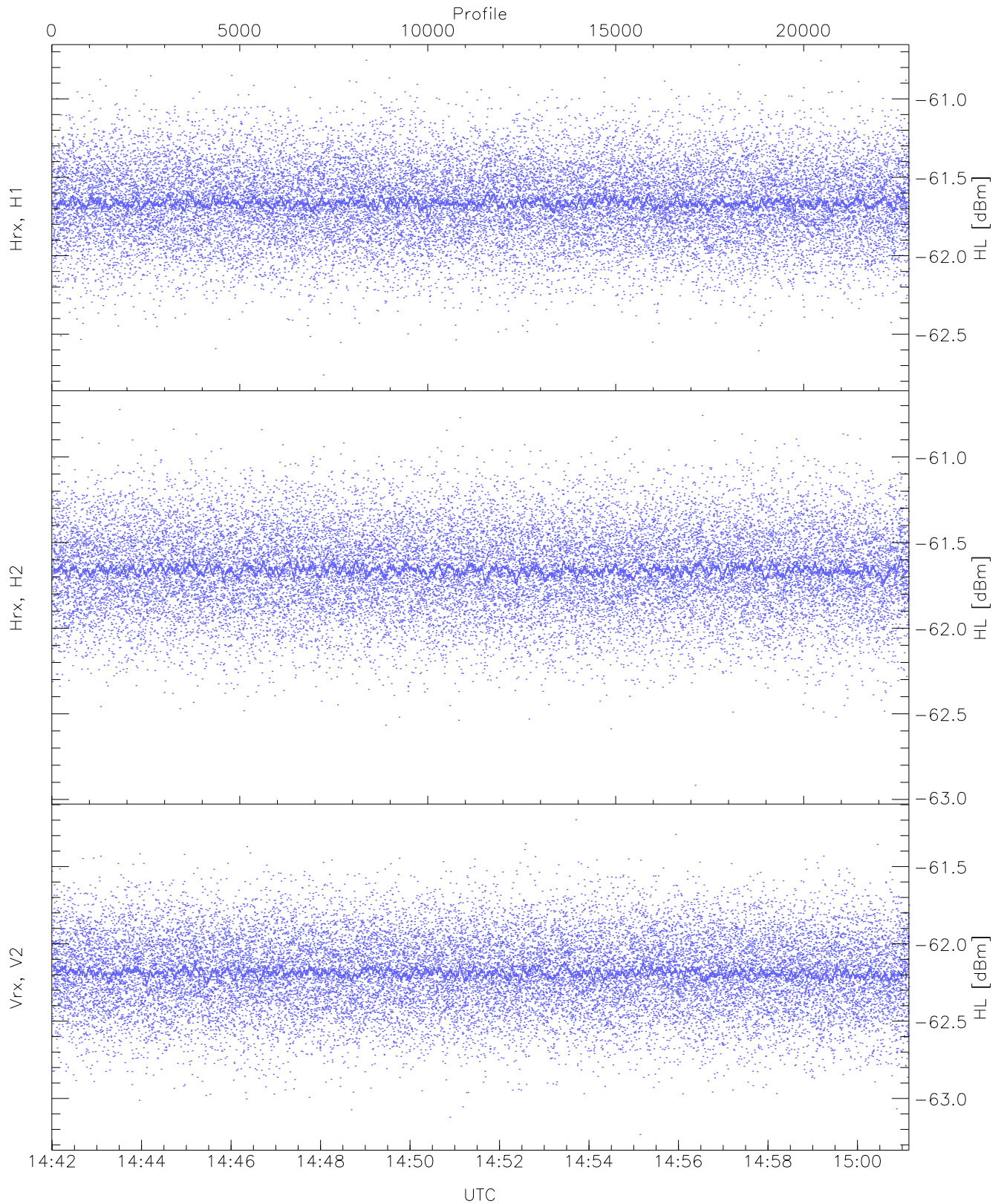
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 16459 pixs, 18 gates, 15630 profs, 2 prods



WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

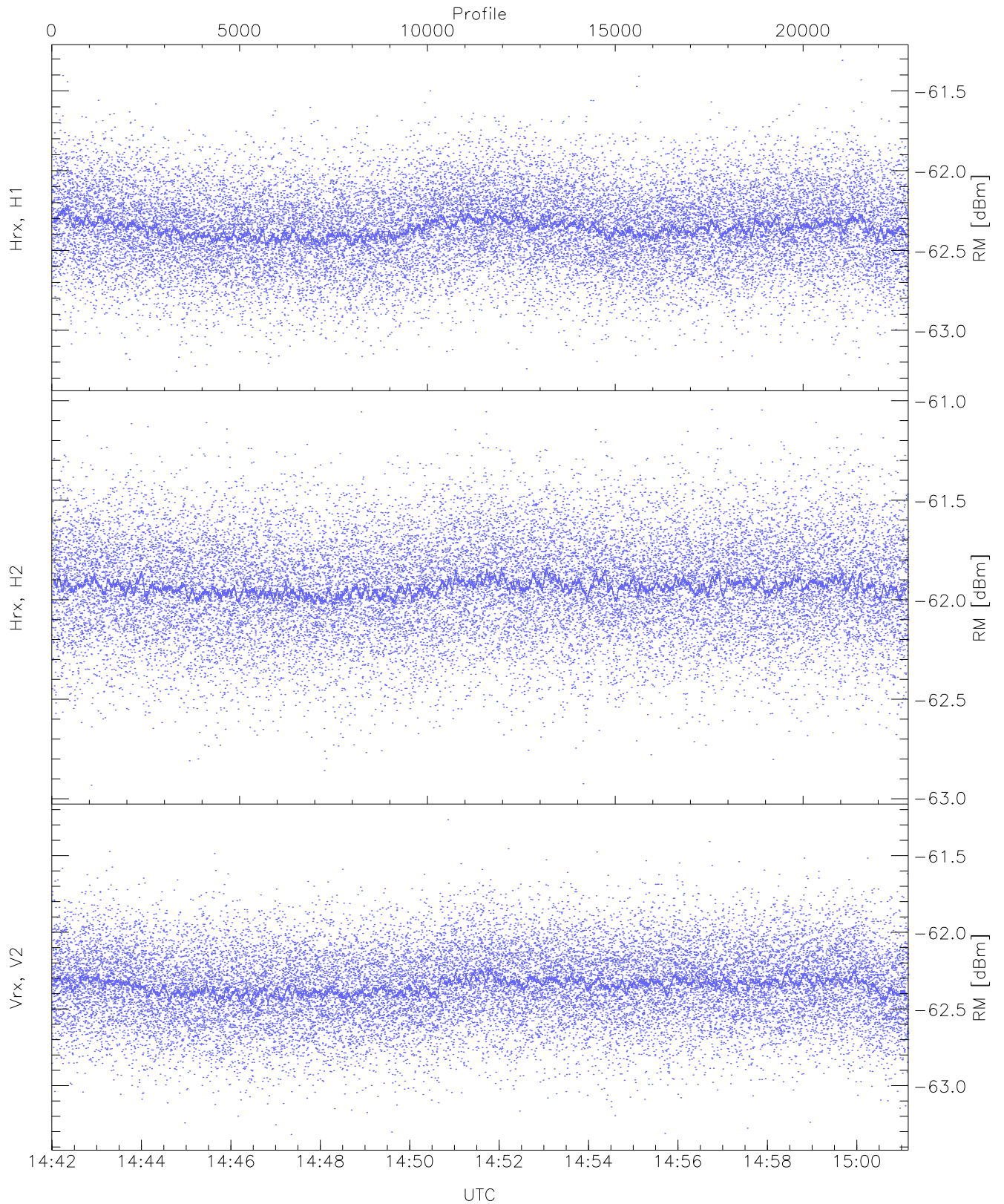
	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-62.90	-61.04	-61.89	-61.89	-74.51
Hrx, H2 (WL [dBm])	-62.95	-60.99	-61.89	-61.89	-74.42
Vrx, V2 (WL [dBm])	-63.51	-61.53	-62.40	-62.41	-74.95



WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

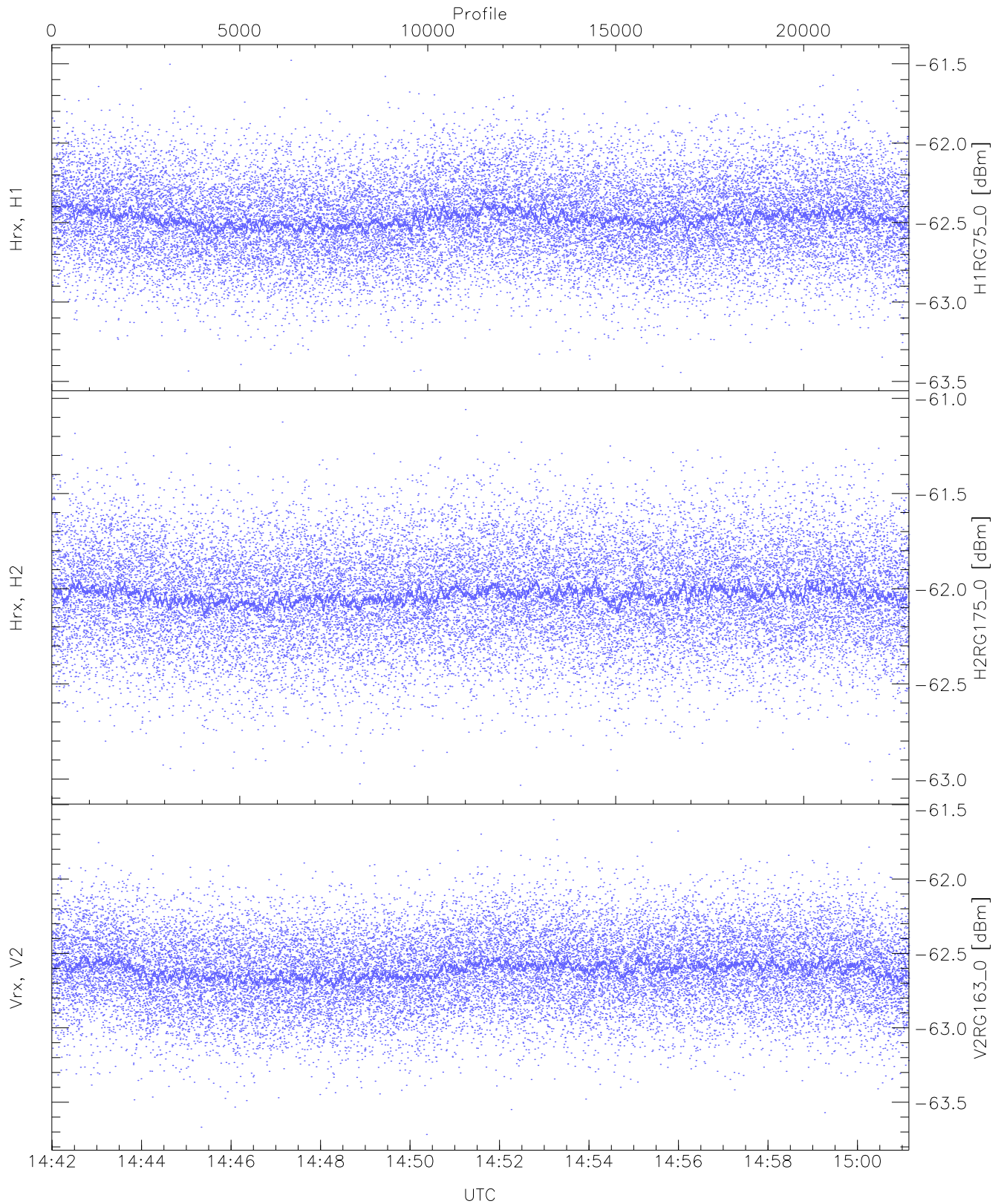
	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.76	-60.75	-61.66	-61.66	-74.22
Hrx, H2 (HL [dBm])	-62.92	-60.72	-61.66	-61.66	-74.20
Vrx, V2 (HL [dBm])	-63.23	-61.20	-62.18	-62.19	-74.75





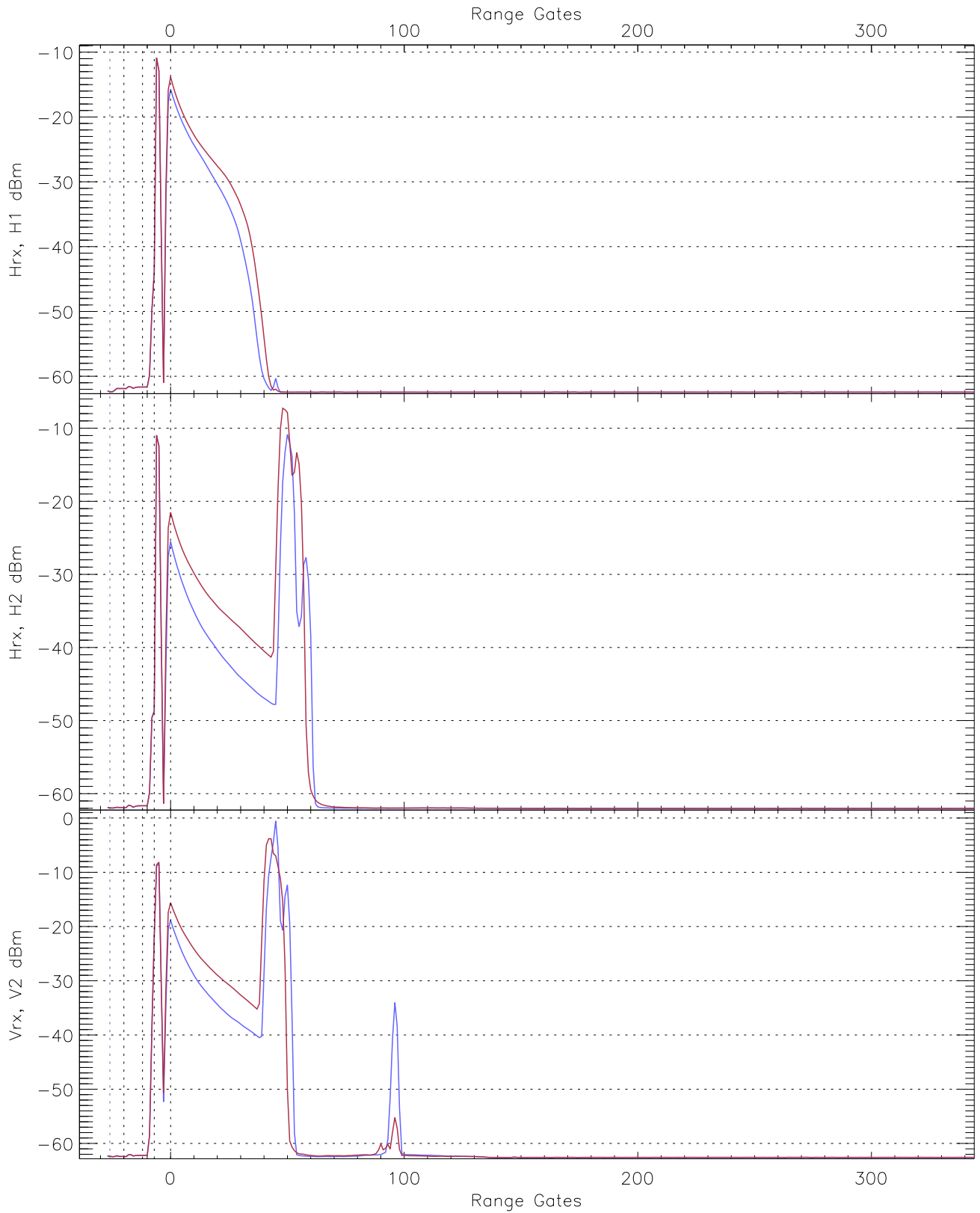
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.28	-61.31	-62.36	-62.36	-74.85
Hrx, H2 (RM [dBm])	-62.93	-61.04	-61.93	-61.94	-74.47
Vrx, V2 (RM [dBm])	-63.32	-61.27	-62.35	-62.35	-74.86



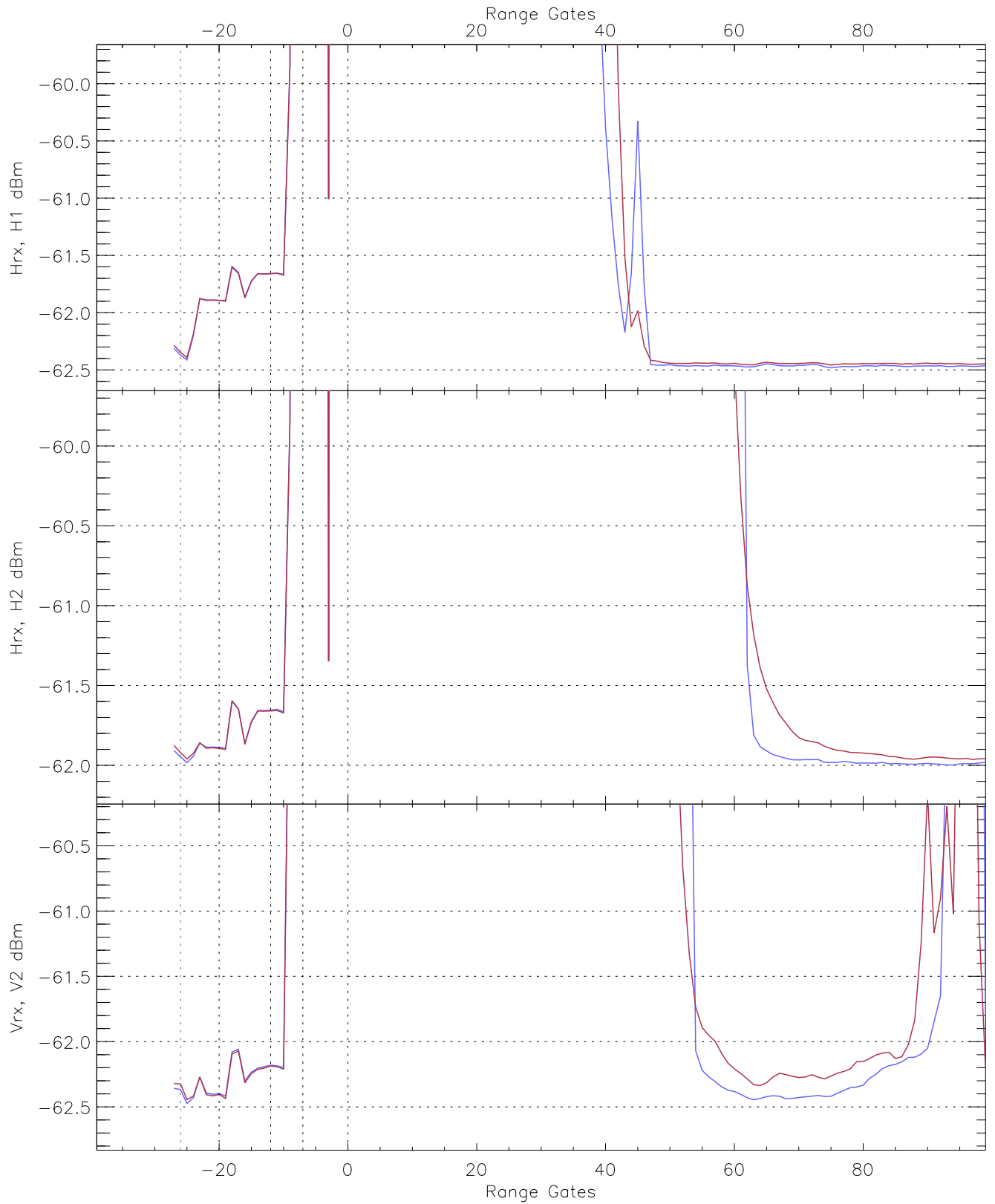
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG75_0 [dBm]	-63.46	-61.48	-62.47	-62.48	-74.97
H2RG175_0 [dBm]	-63.03	-61.06	-62.03	-62.03	-74.54
V2RG163_0 [dBm]	-63.72	-61.60	-62.61	-62.61	-75.11

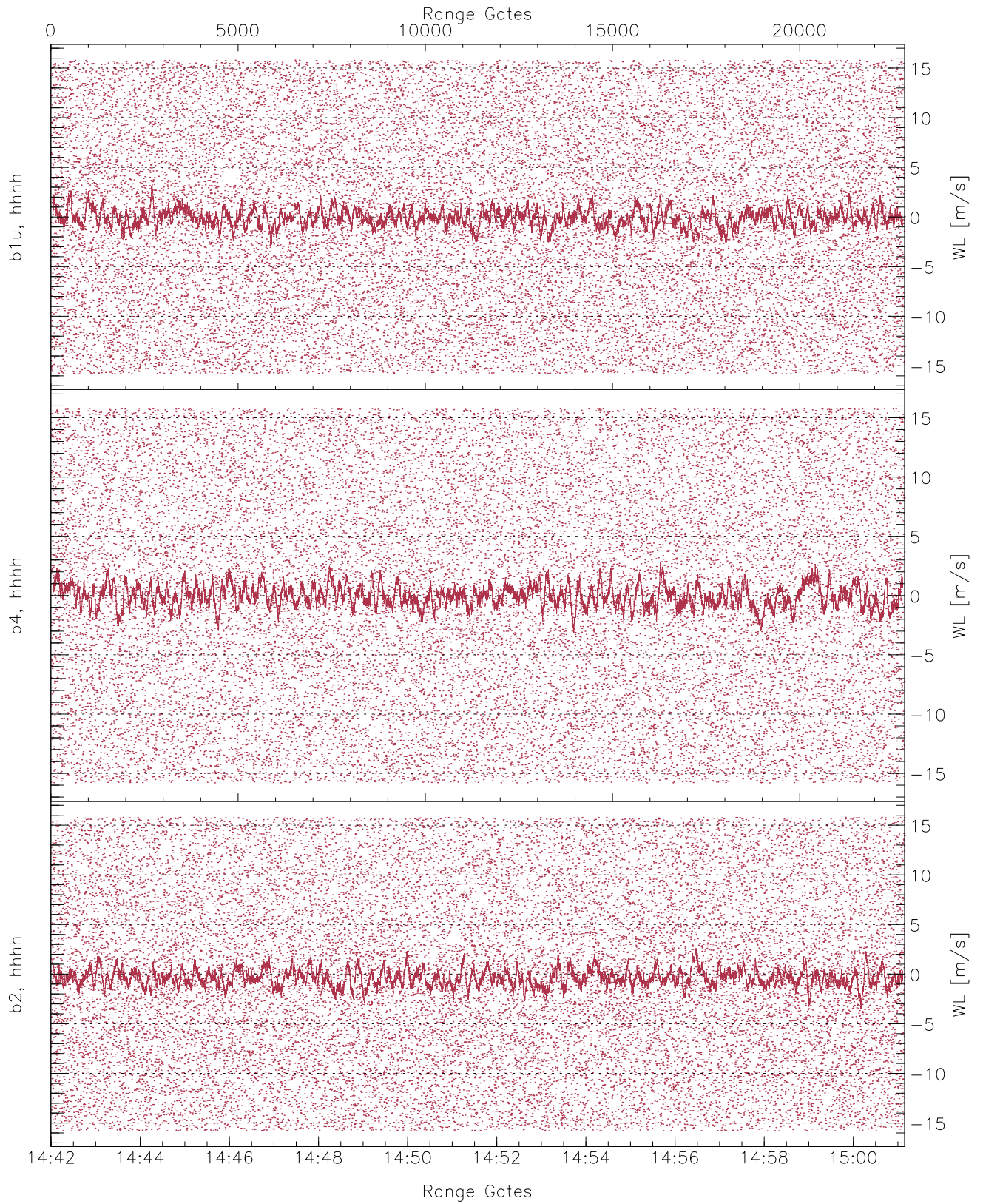


WCR2 CPP Averaged Received power for all recorded gates  
blue: 144200-145134, 11401 profiles averaged  
red: 145134-150109, 11400 profiles averaged

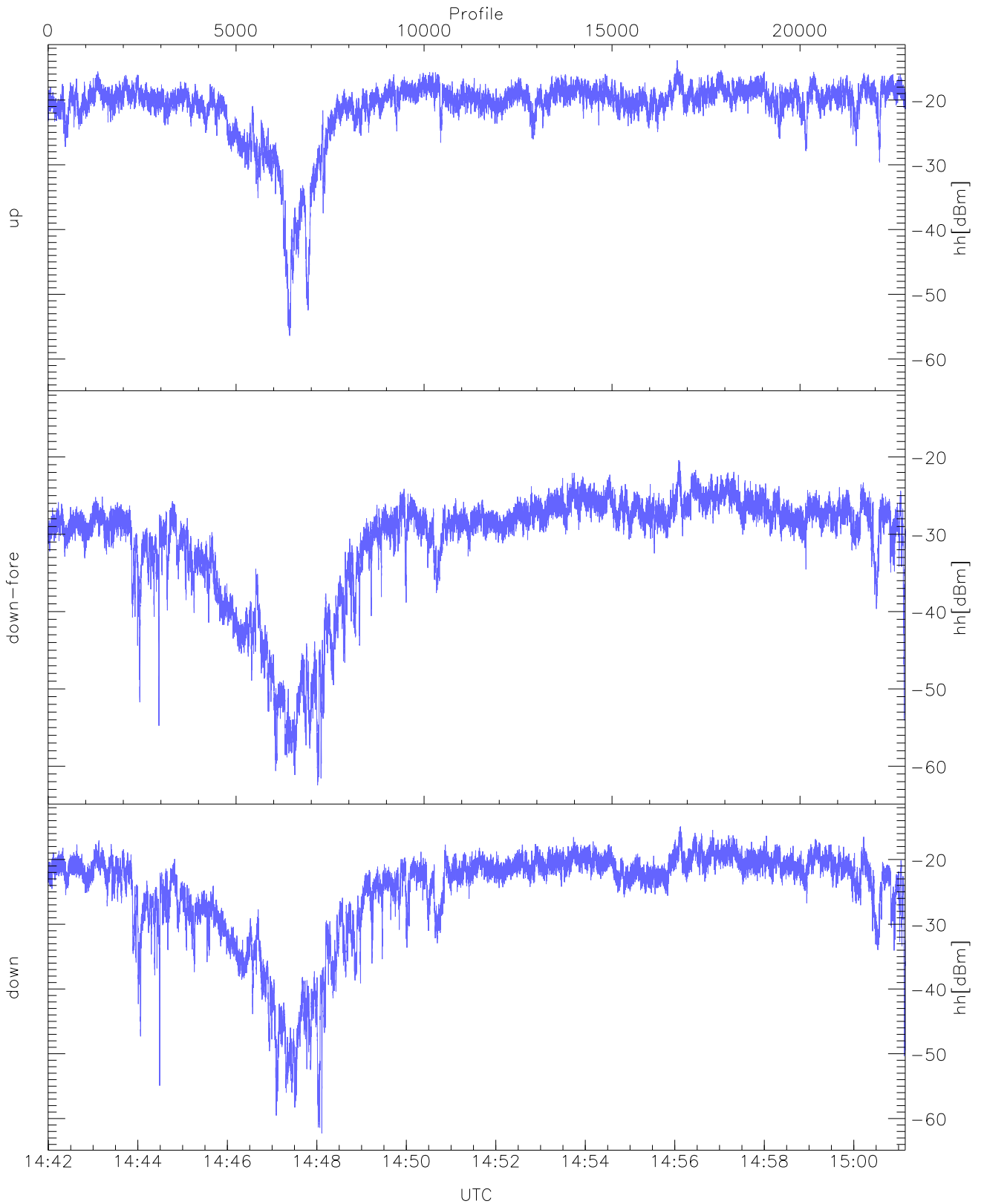




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 144200-145134, 11401 profiles averaged  
red: 145134-150109, 11400 profiles averaged

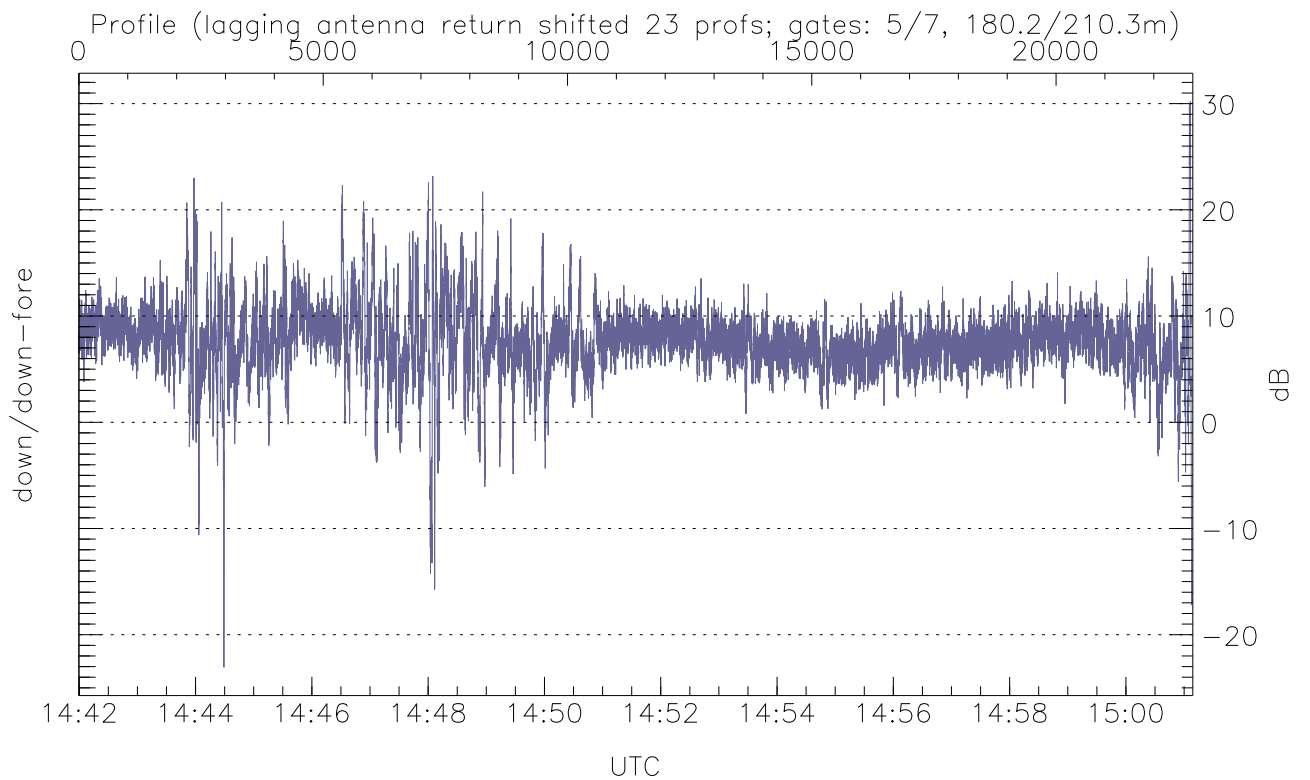
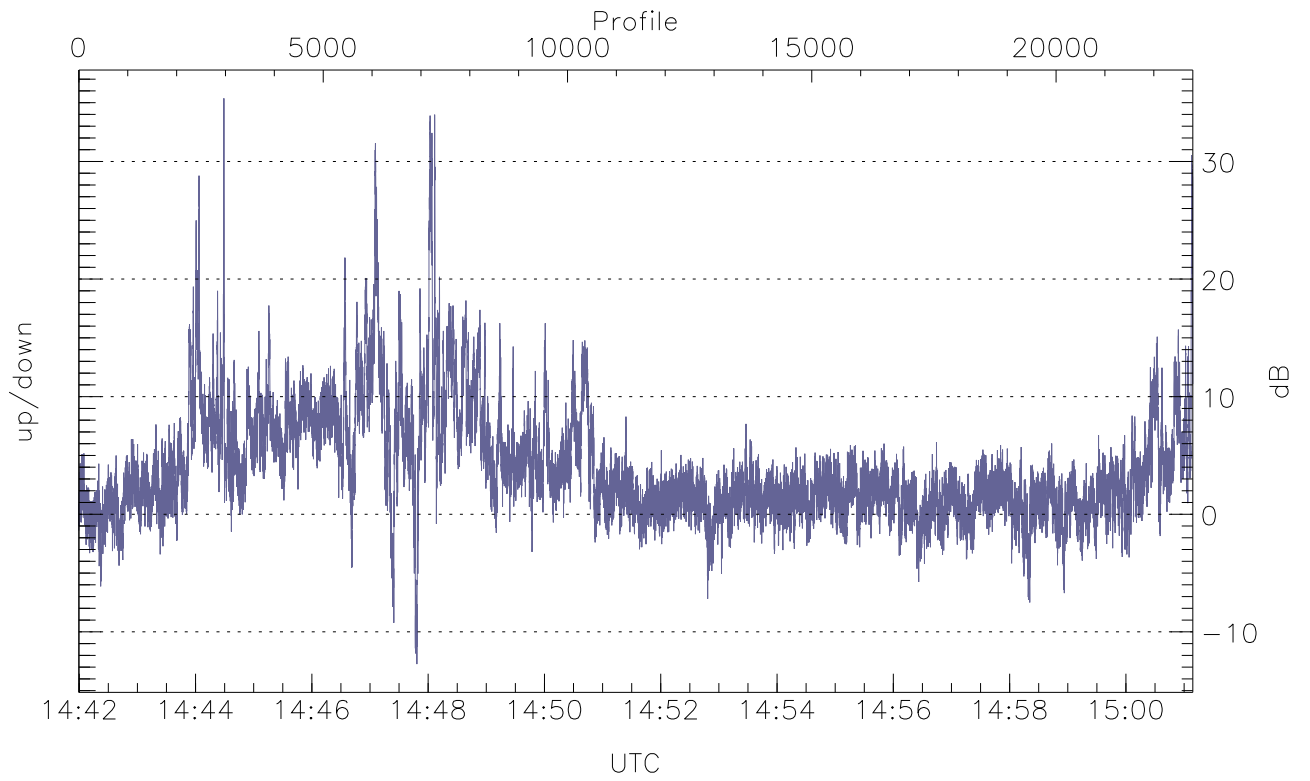


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



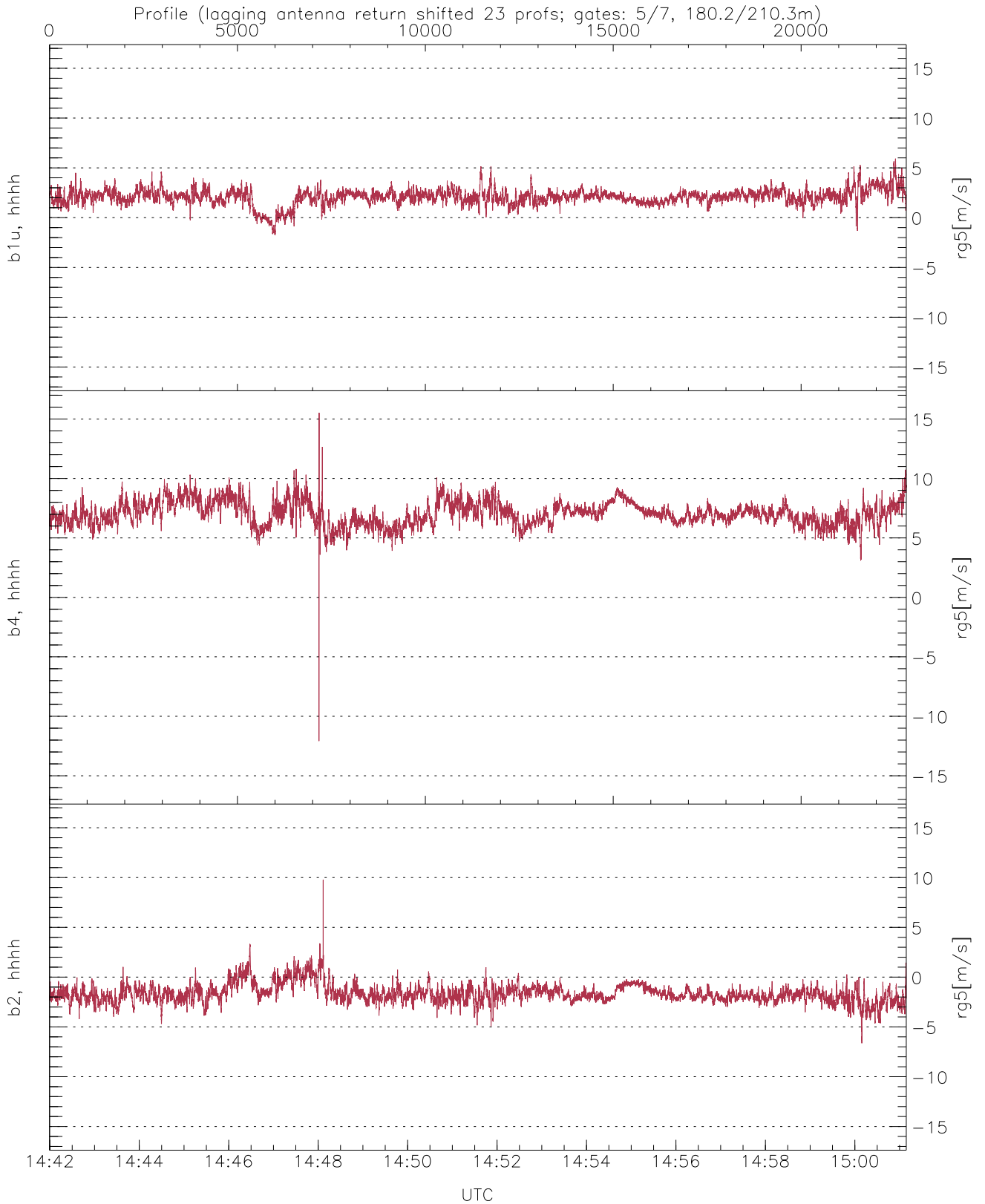
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-56.41	-13.87	-19.93
down-fore(hh[dBm])	-62.46	-20.41	-28.26
down(hh[dBm])	-62.30	-14.87	-22.25



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

	Min	Max	Mean
up/down (dB)	-12.74	35.37	3.90
down/down-fore (dB)	-23.06	30.20	7.68



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-1.75	5.92	2.06	0.79
b4, hhhh(rg5[m/s])	-12.08	15.52	7.05	0.99
b2, hhhh(rg5[m/s])	-6.64	9.77	-1.64	0.93