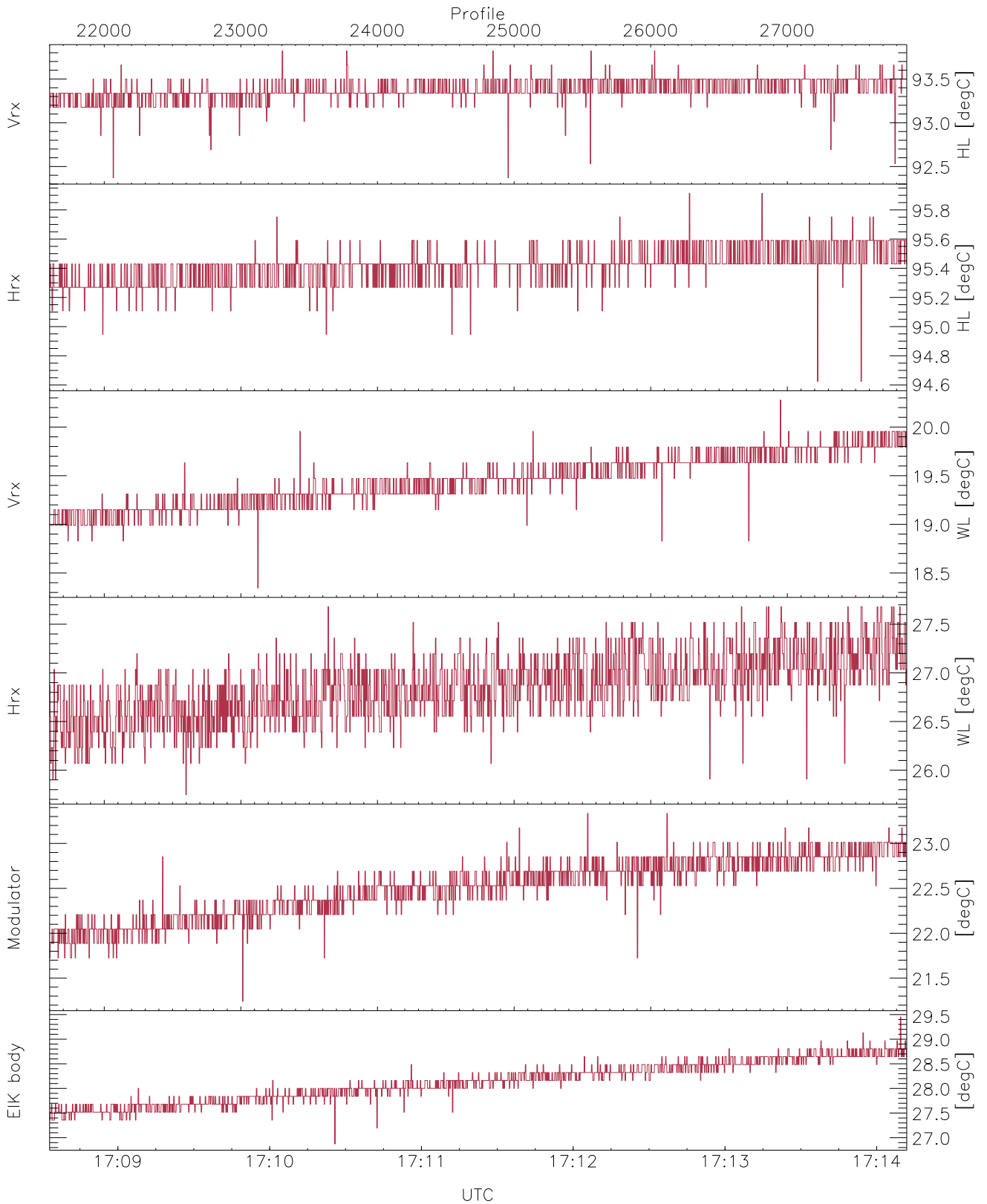


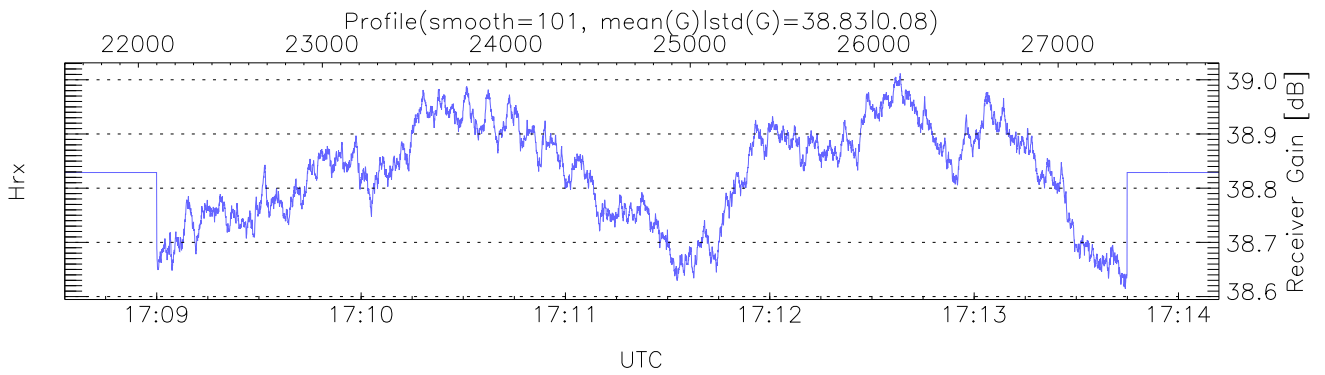
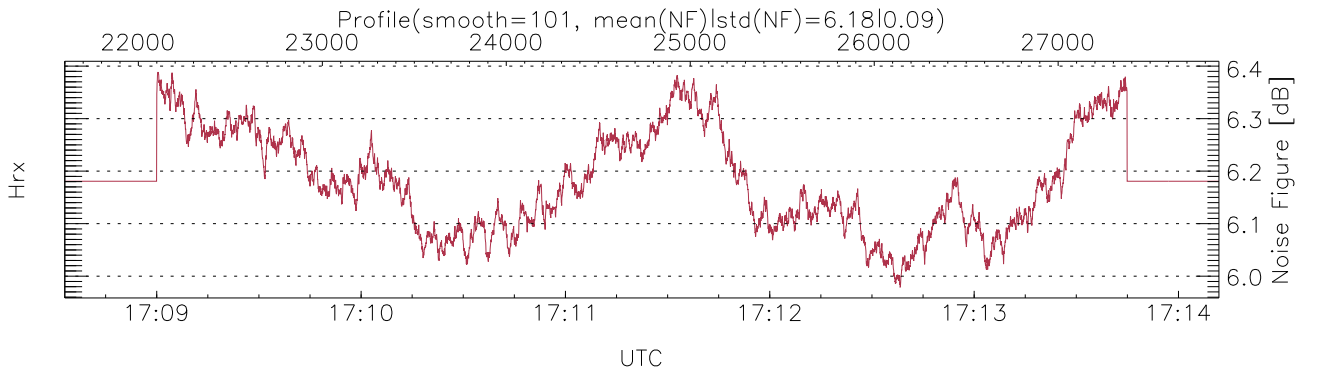
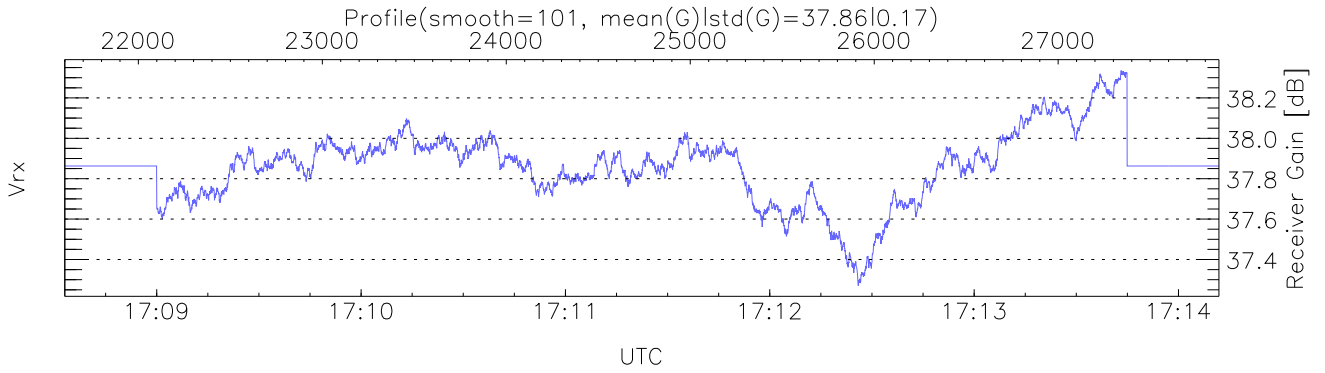
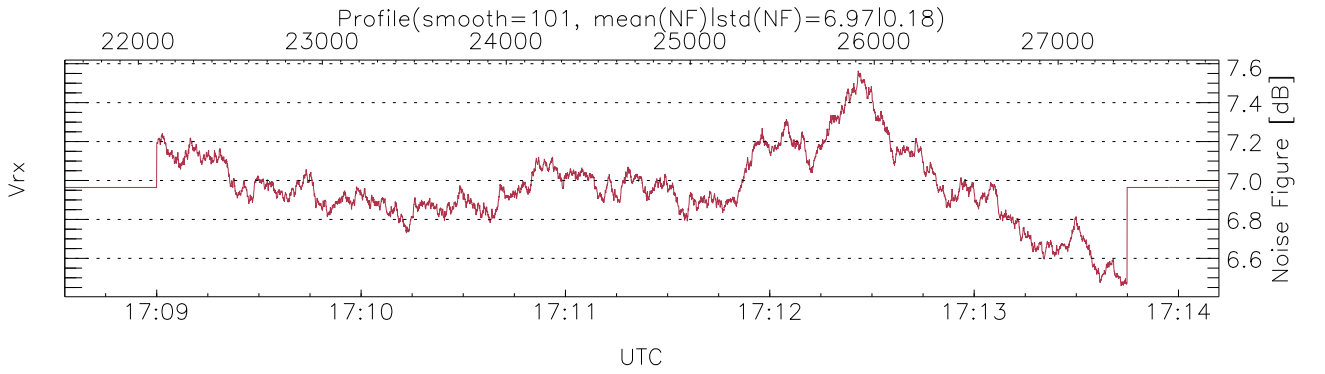
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 16:49:06-17:14:12, Dur: 1505.57s  
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant  
 TimeInt/PPS(min,max,mn,std): 54.0,54.0,54.0,0.0 ms / 19,19,19  
 NumRec(r/t): 6275/27875, 21600-27874/17:08:33-17:14:12  
 AcqTime: 54.0ms, Rate: 287KB/s, Averages: 180  
 Pulse: 250ns, IFF: 4.0MHz, 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): 105,6037,15.0 m, Gates: 396, Aspect: 3.1  
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



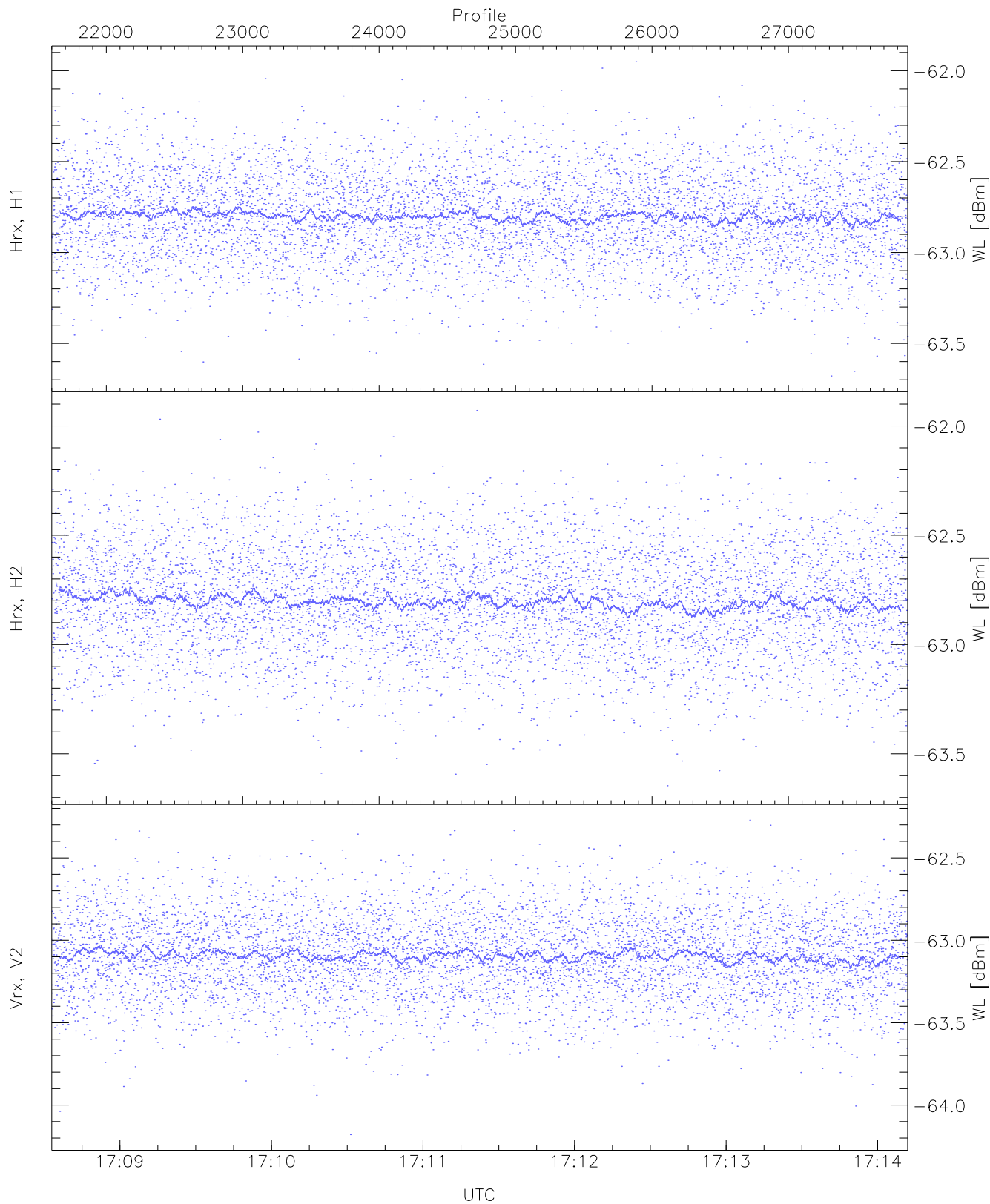
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,18,25,21,26  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,20,27,23,29  
LOalarm(20,80,240,2.8,14.8 MHz): None  
EIK Faults(# prof affected):  
DeckT,BodyCurr,DeckF,OverDuty,HVPS (5,5,5,5,5)



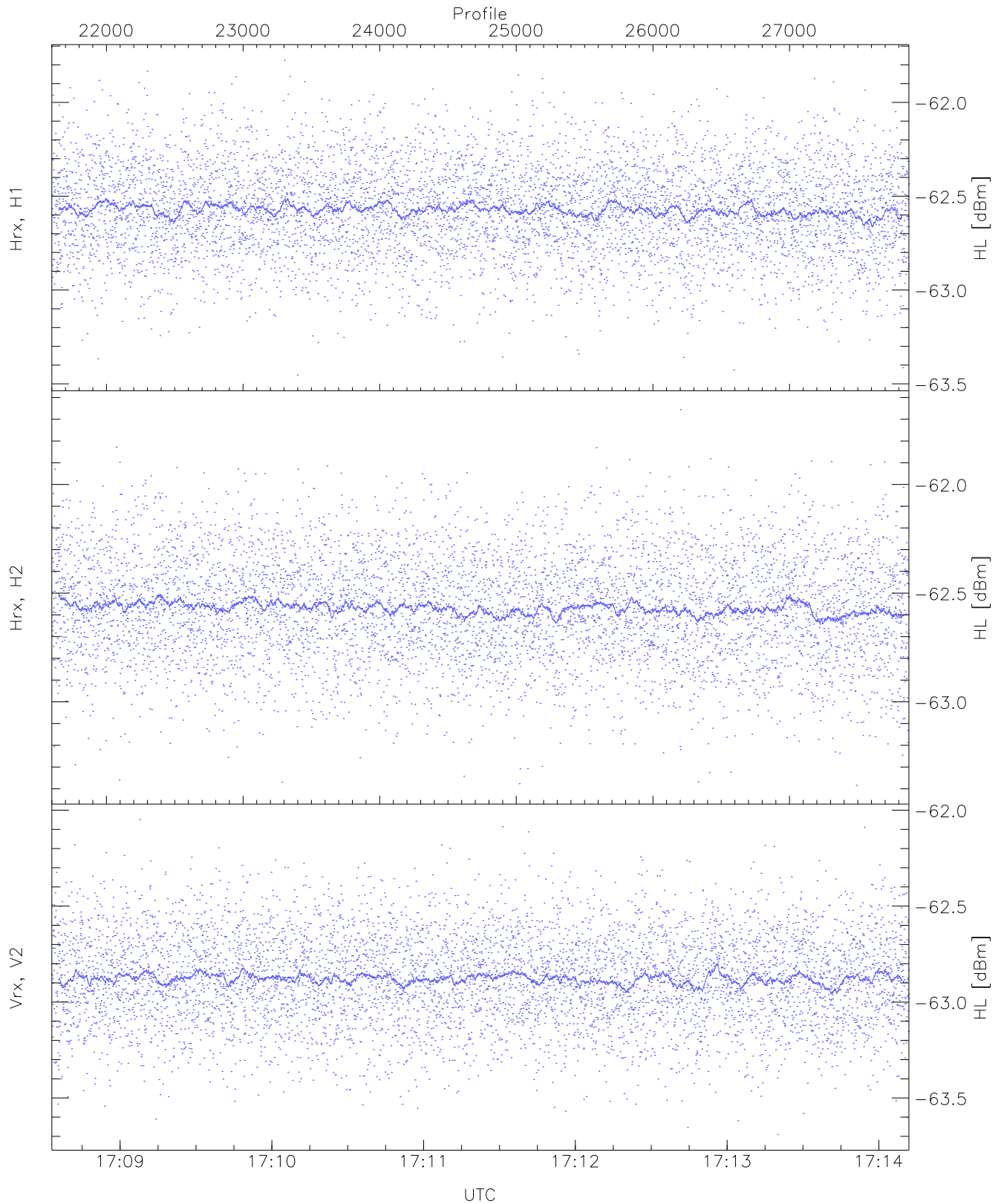
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 19 pixs, 4 gates, 19 profs, 1 prods



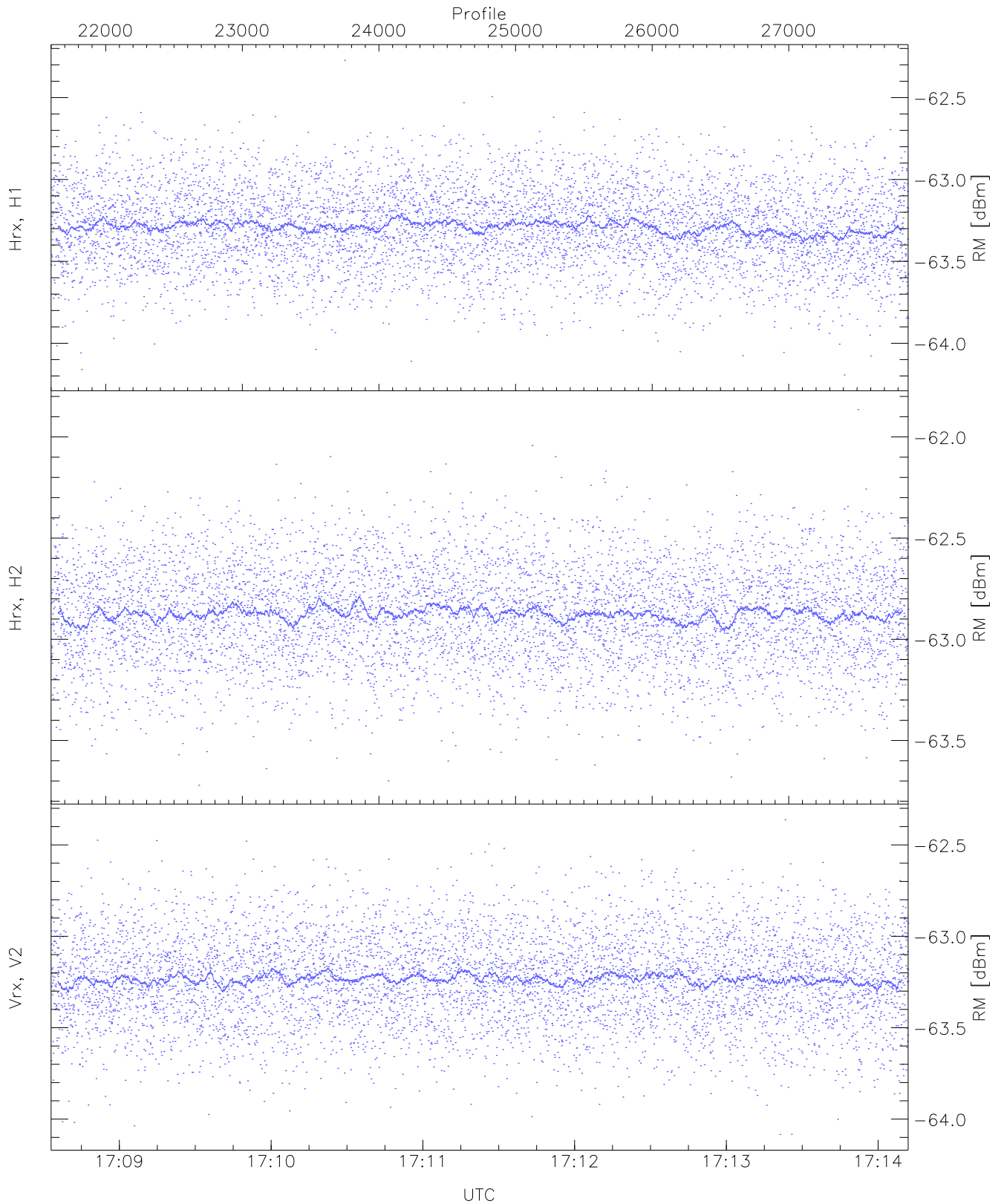
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.68	-61.95	-62.80	-62.80	-75.52
Hrx, H2(WL [dBm])	-63.65	-61.93	-62.80	-62.80	-75.51
Vrx, V2(WL [dBm])	-64.18	-62.27	-63.09	-63.10	-75.77



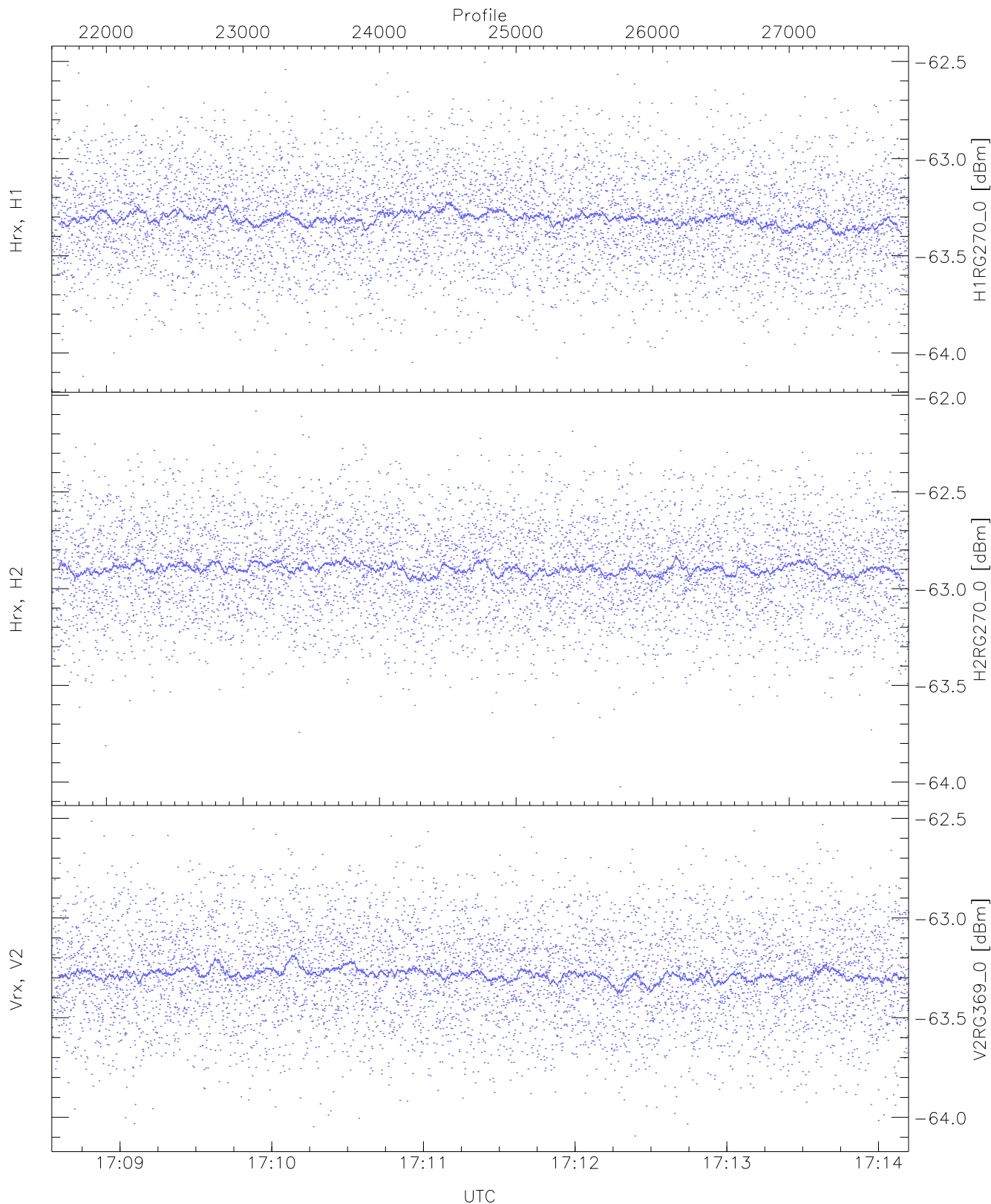
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.45	-61.78	-62.57	-62.58	-75.22
Hrx, H2 (HL [dBm])	-63.38	-61.66	-62.56	-62.57	-75.20
Vrx, V2 (HL [dBm])	-63.69	-62.05	-62.87	-62.88	-75.60



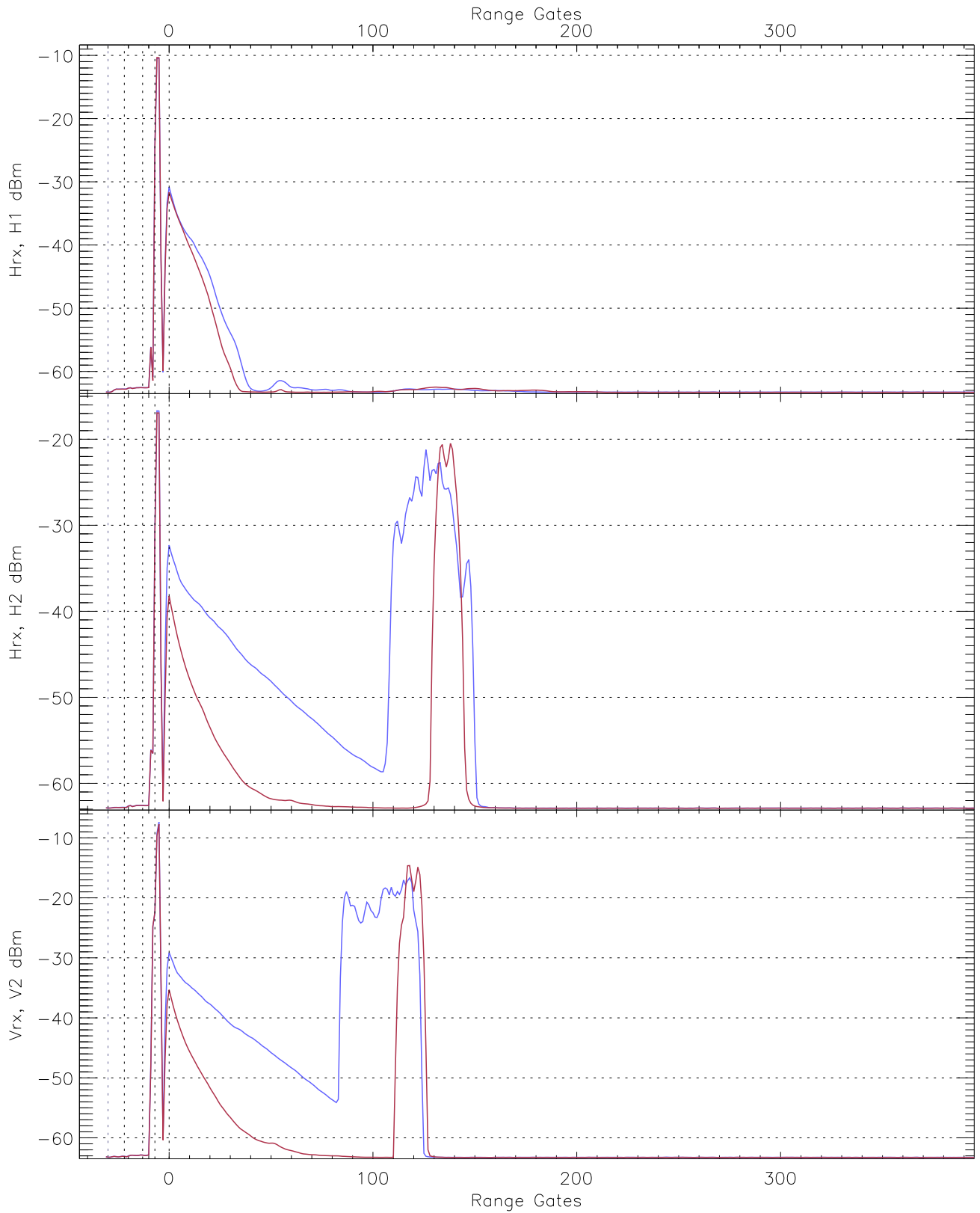
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.19	-62.27	-63.29	-63.29	-75.96
Hrx, H2 (RM [dBm])	-63.72	-61.86	-62.87	-62.87	-75.60
Vrx, V2 (RM [dBm])	-64.08	-62.36	-63.23	-63.23	-75.93



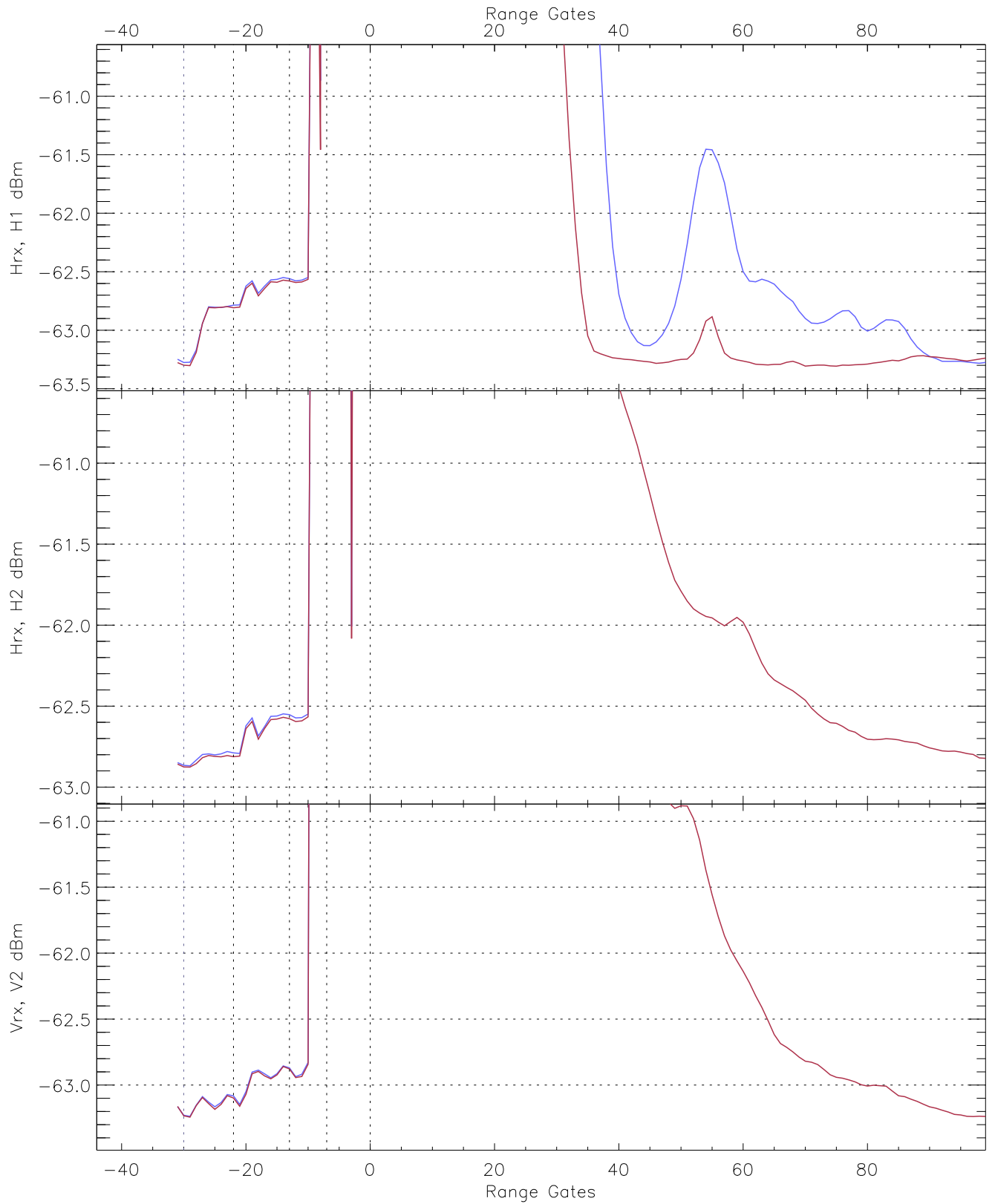
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG270_0 [dBm]	-64.12	-62.50	-63.31	-63.31	-76.02
H2RG270_0 [dBm]	-64.02	-62.08	-62.89	-62.90	-75.63
V2RG369_0 [dBm]	-64.09	-62.51	-63.28	-63.29	-75.97

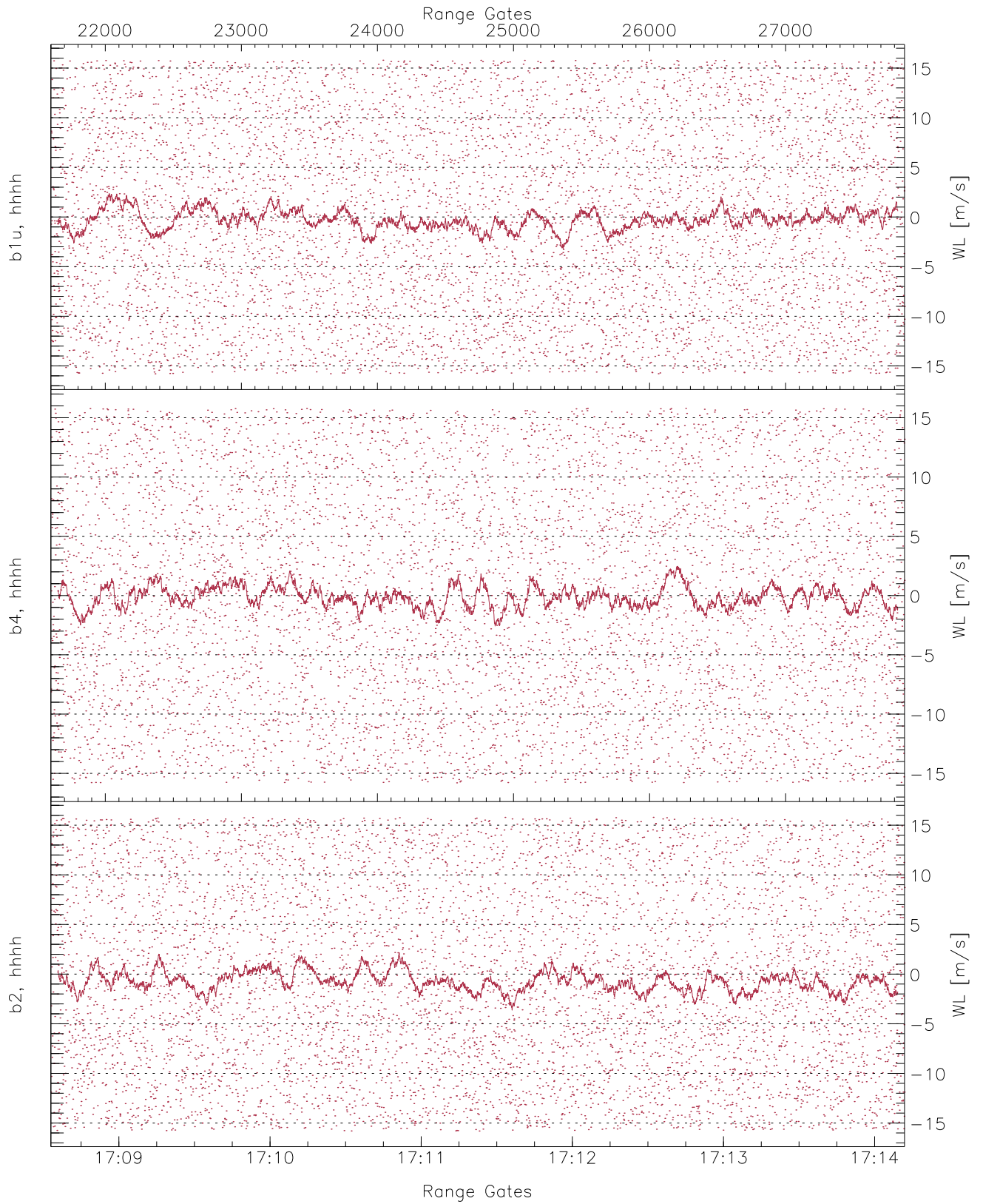


WCR2 CPP Averaged Received power for all recorded gates  
blue: 170833-171122, 3138 profiles averaged  
red: 171122-171412, 3138 profiles averaged

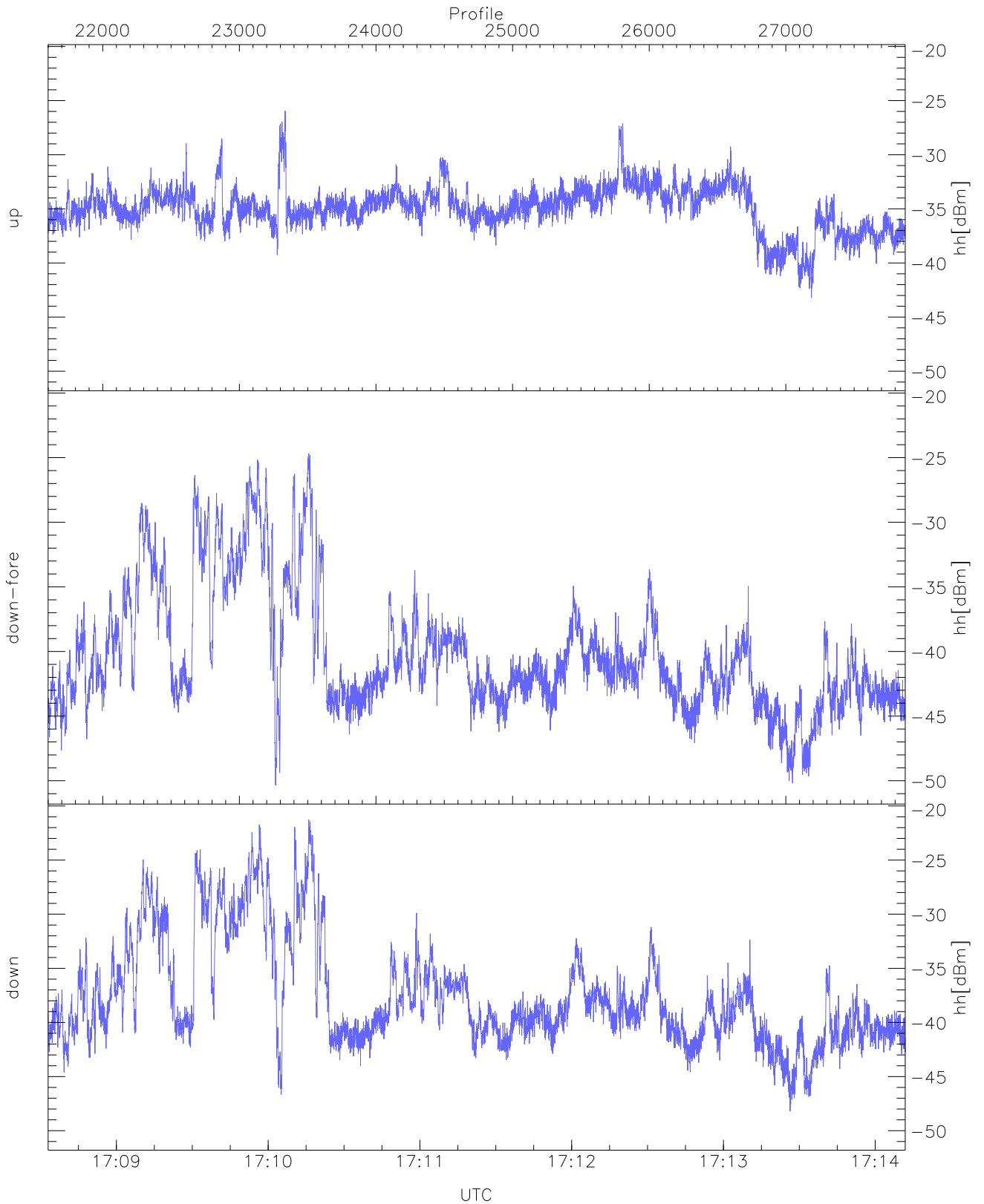




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 170833-171122, 3138 profiles averaged  
red: 171122-171412, 3138 profiles averaged

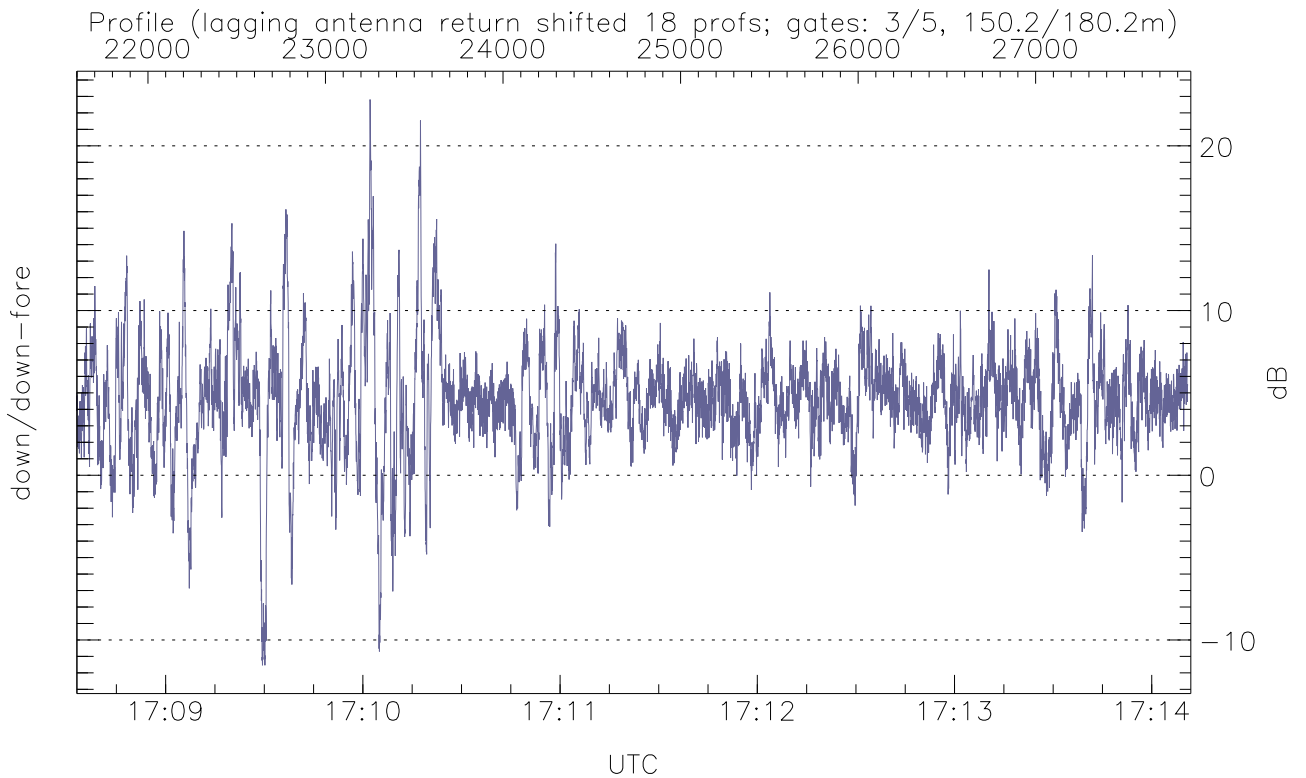
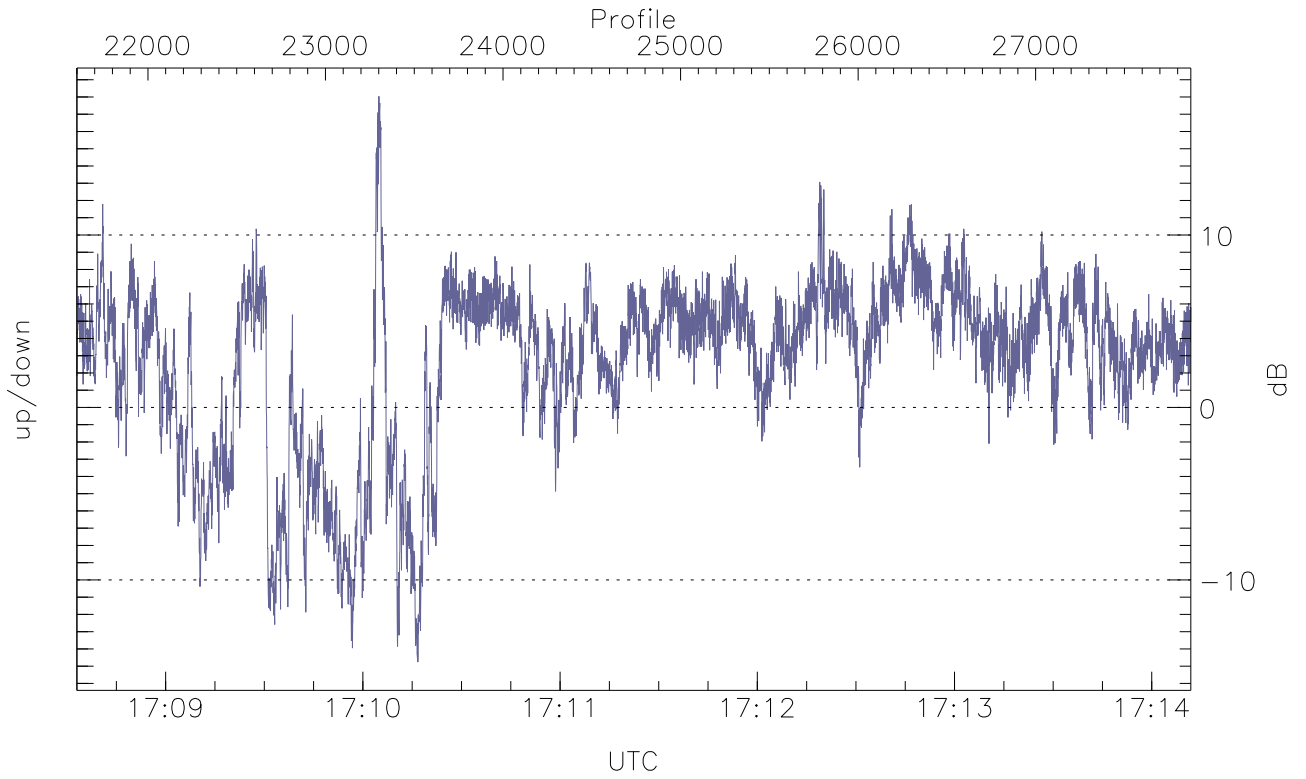


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



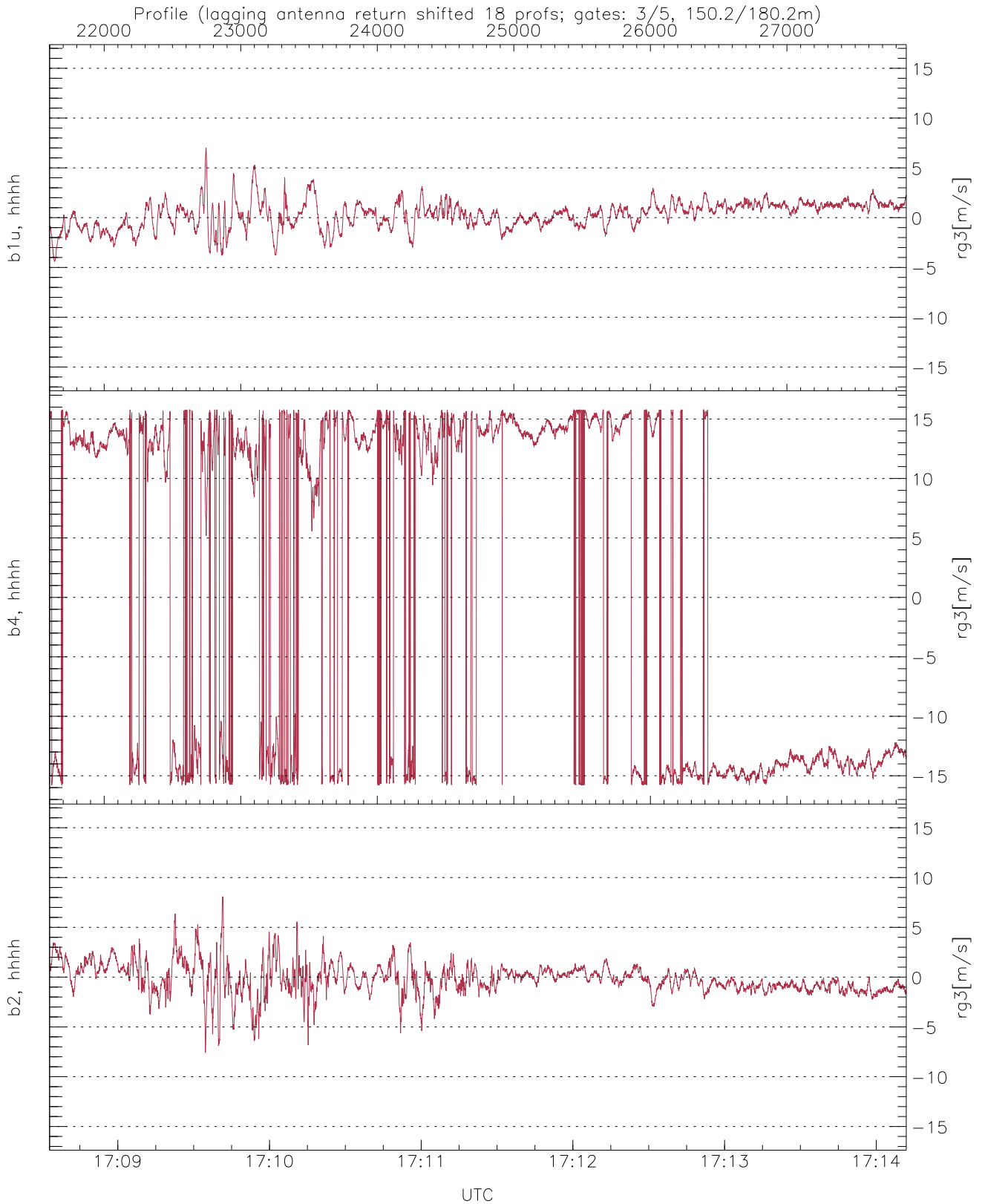
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-43.21	-25.95	-34.44
down-fore(hh[dBm])	-50.35	-24.67	-36.91
down(hh[dBm])	-48.21	-21.28	-34.08



WCR2 Beam pairs Received Power Ratio(s); RangeGate: 3 (150 m)

	Min	Max	Mean
up/down (dB)	-14.76	18.04	2.67
down/down-fore (dB)	-11.54	22.81	4.55



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-4.42	6.99	0.30	1.36
b4, hhhh(rg3[m/s])	-15.80	15.80	1.11	14.05
b2, hhhh(rg3[m/s])	-7.59	8.09	-0.18	1.55