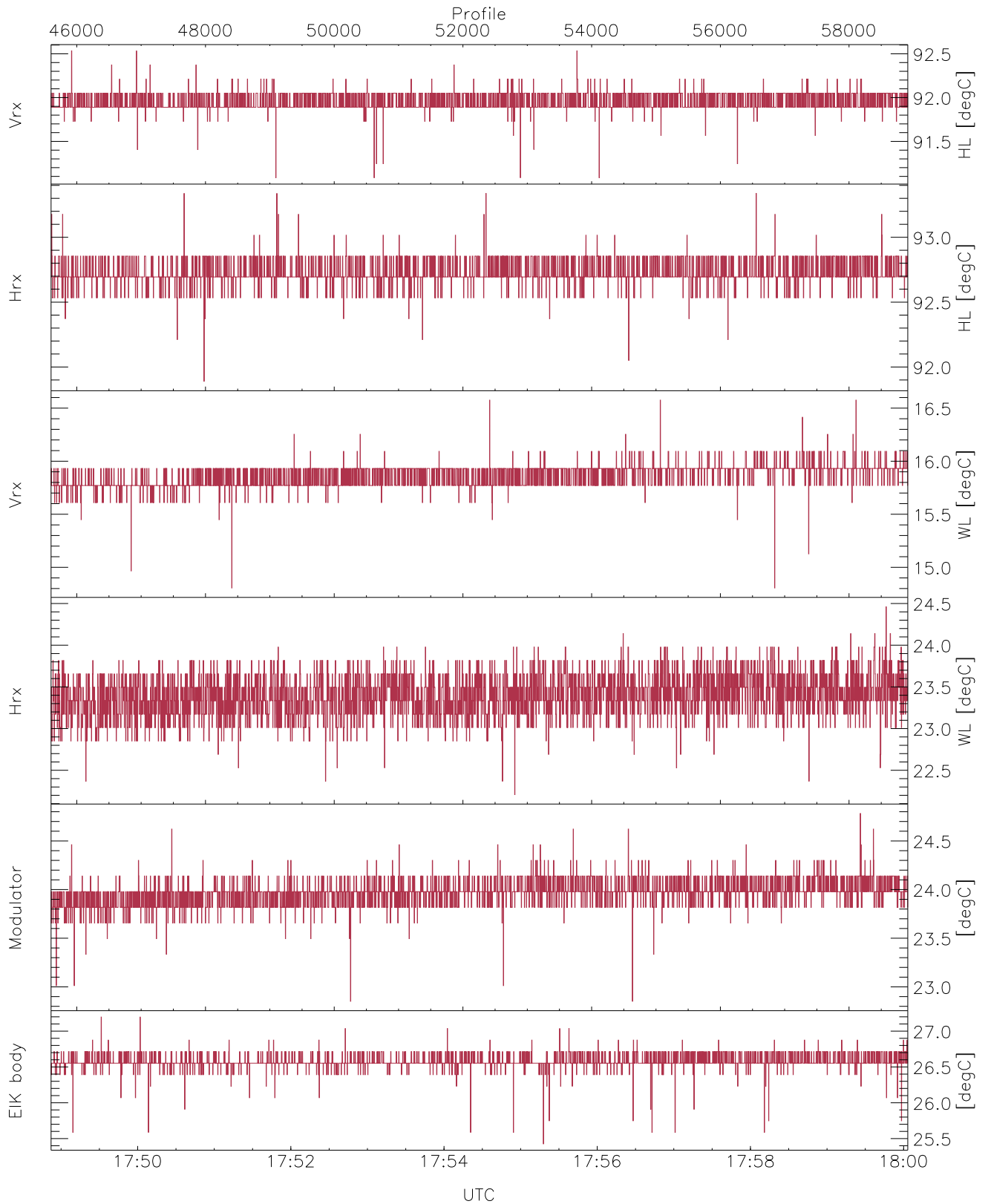


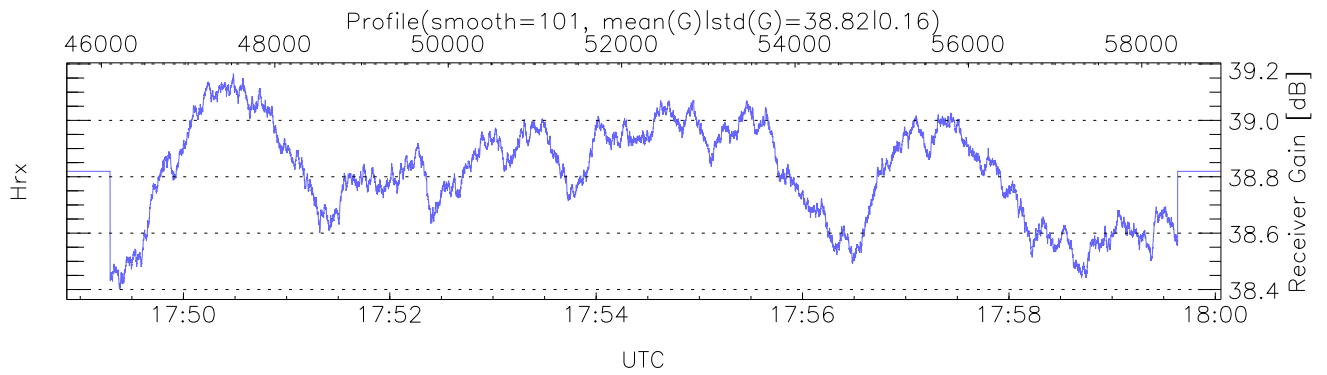
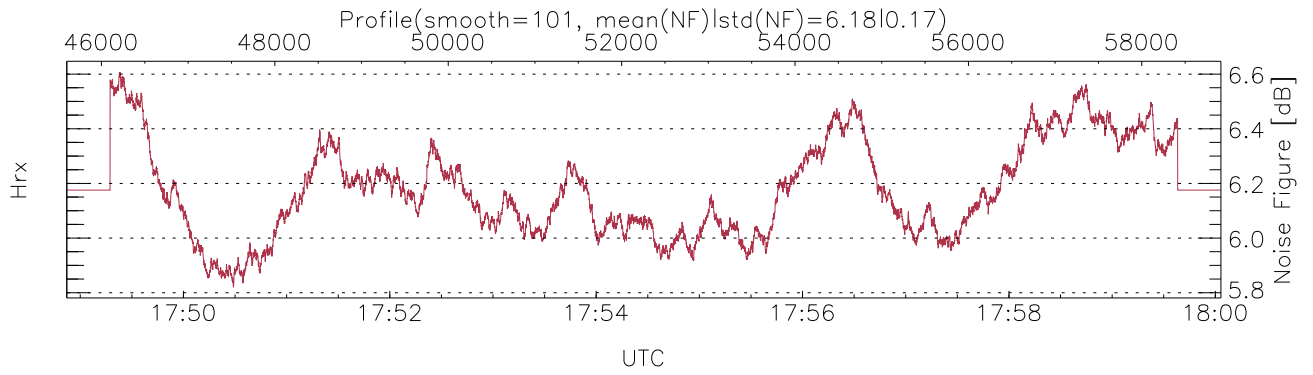
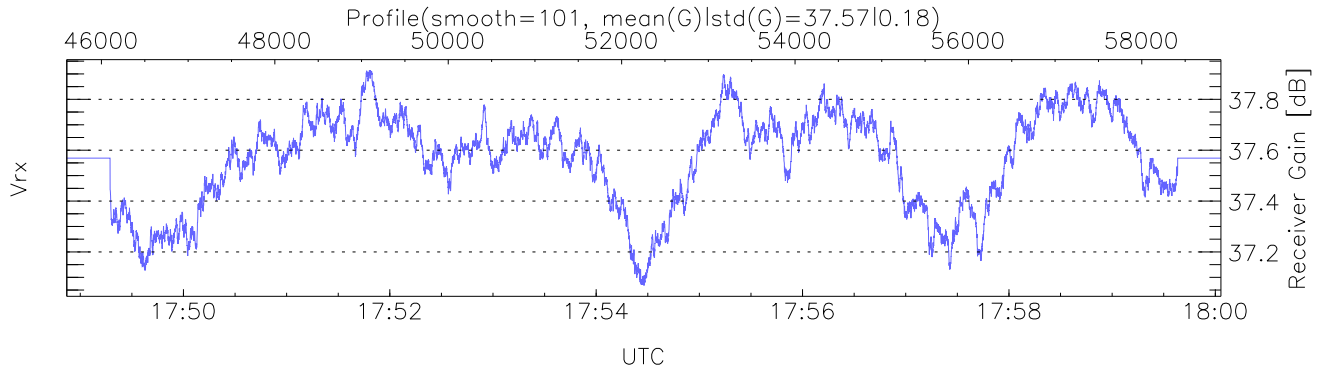
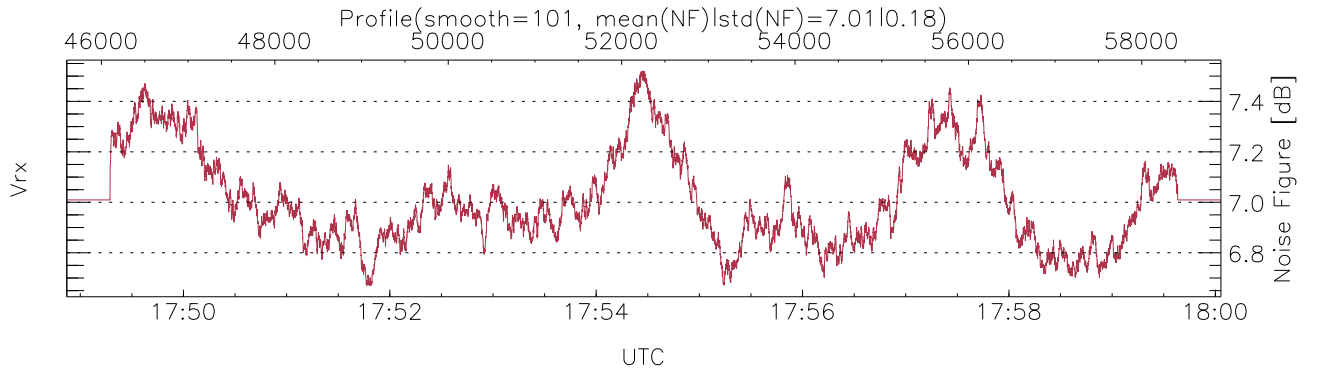
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 17:10:33-18:00:03, Dur: 2969.96s  
 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): 13314/58914, 45600-58913/17:48:52-18:00:03  
 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



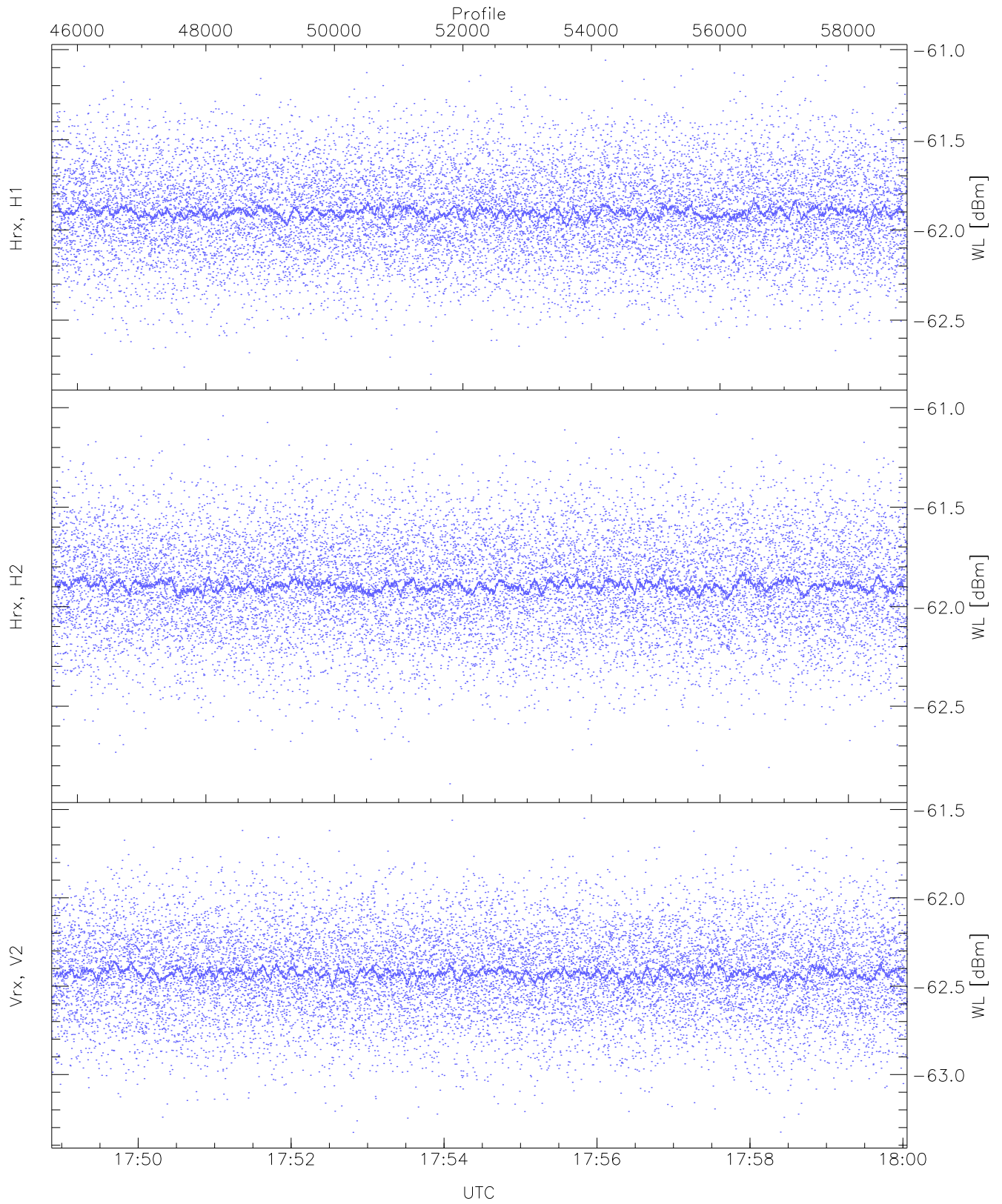
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

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



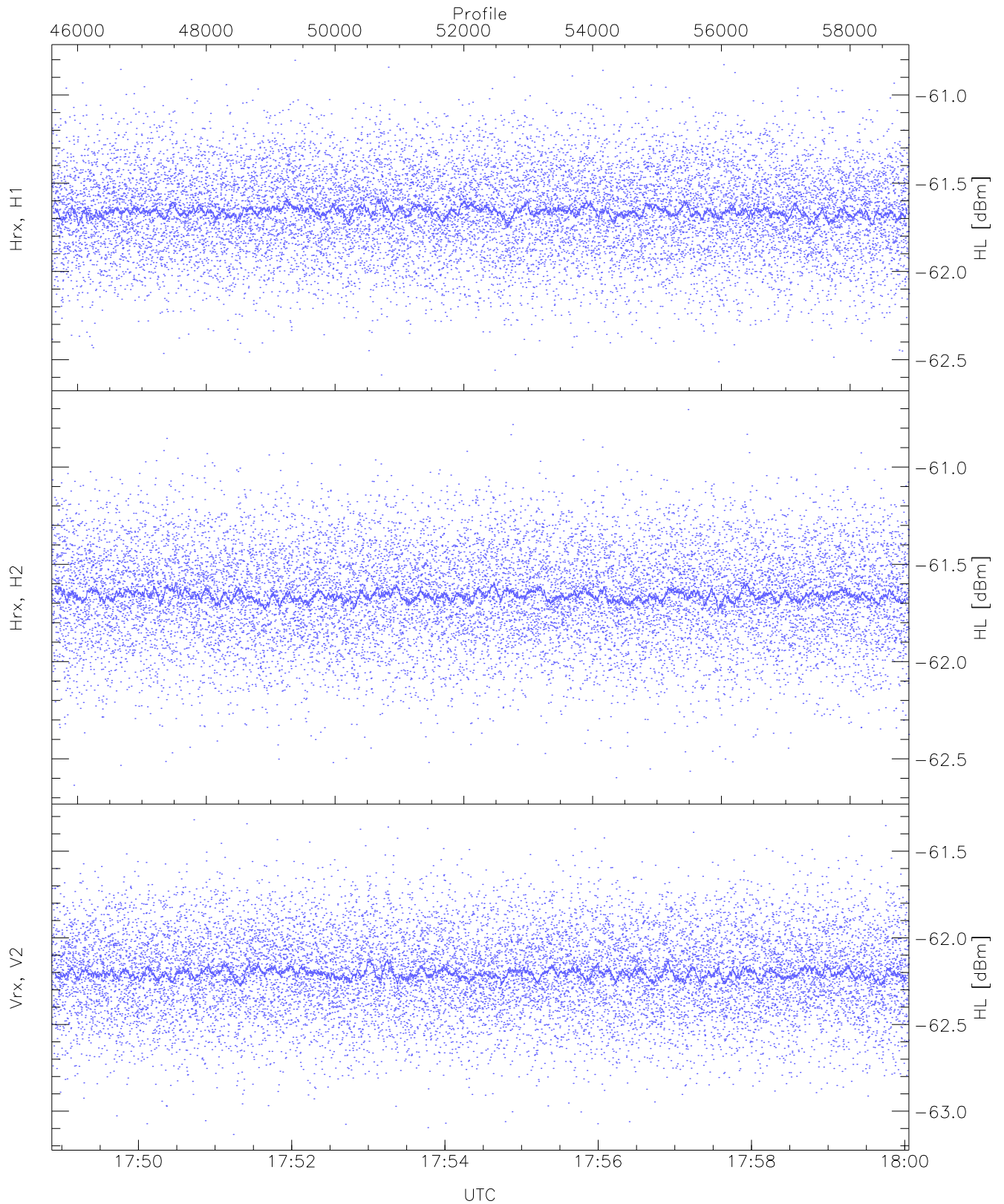
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 17773 pixs, 5 gates, 12237 profs, 1 prods



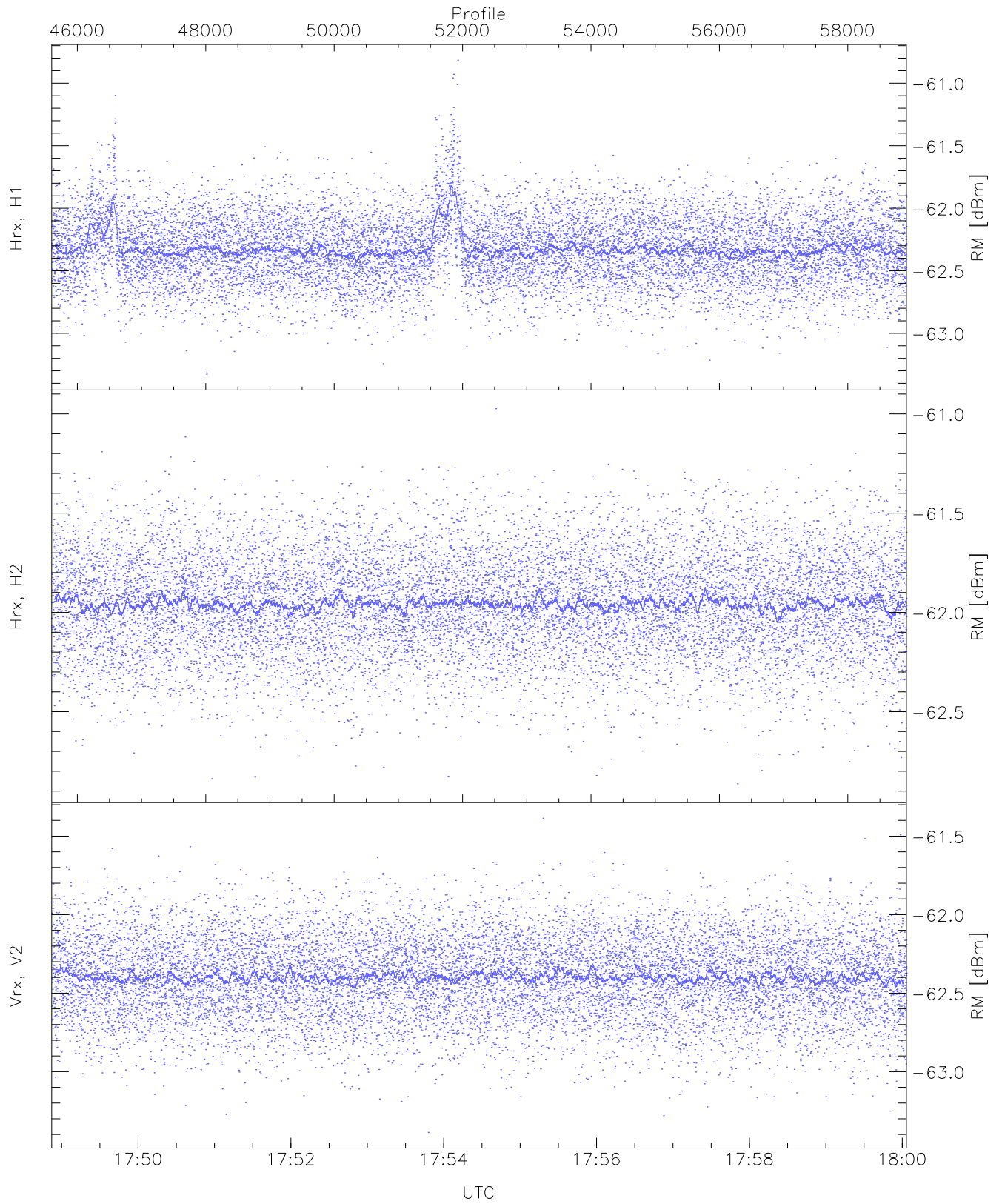
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.80	-61.06	-61.90	-61.90	-74.48
Hrx, H2(WL [dBm])	-62.89	-61.01	-61.89	-61.90	-74.45
Vrx, V2(WL [dBm])	-63.33	-61.55	-62.42	-62.43	-75.02



WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

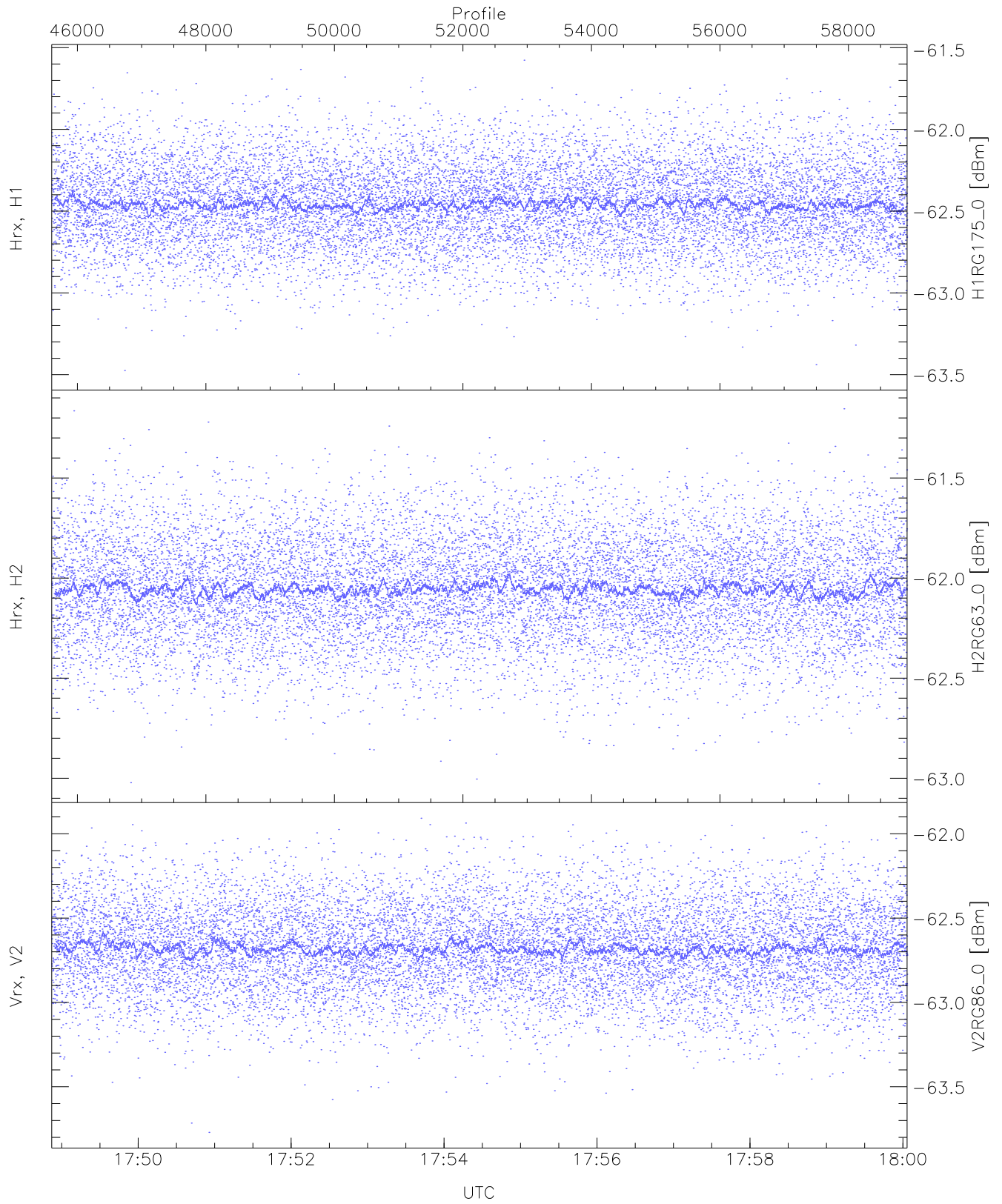
	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.59	-60.80	-61.66	-61.66	-74.21
Hrx, H2 (HL [dBm])	-62.64	-60.70	-61.66	-61.66	-74.20
Vrx, V2 (HL [dBm])	-63.13	-61.32	-62.20	-62.21	-74.75



WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

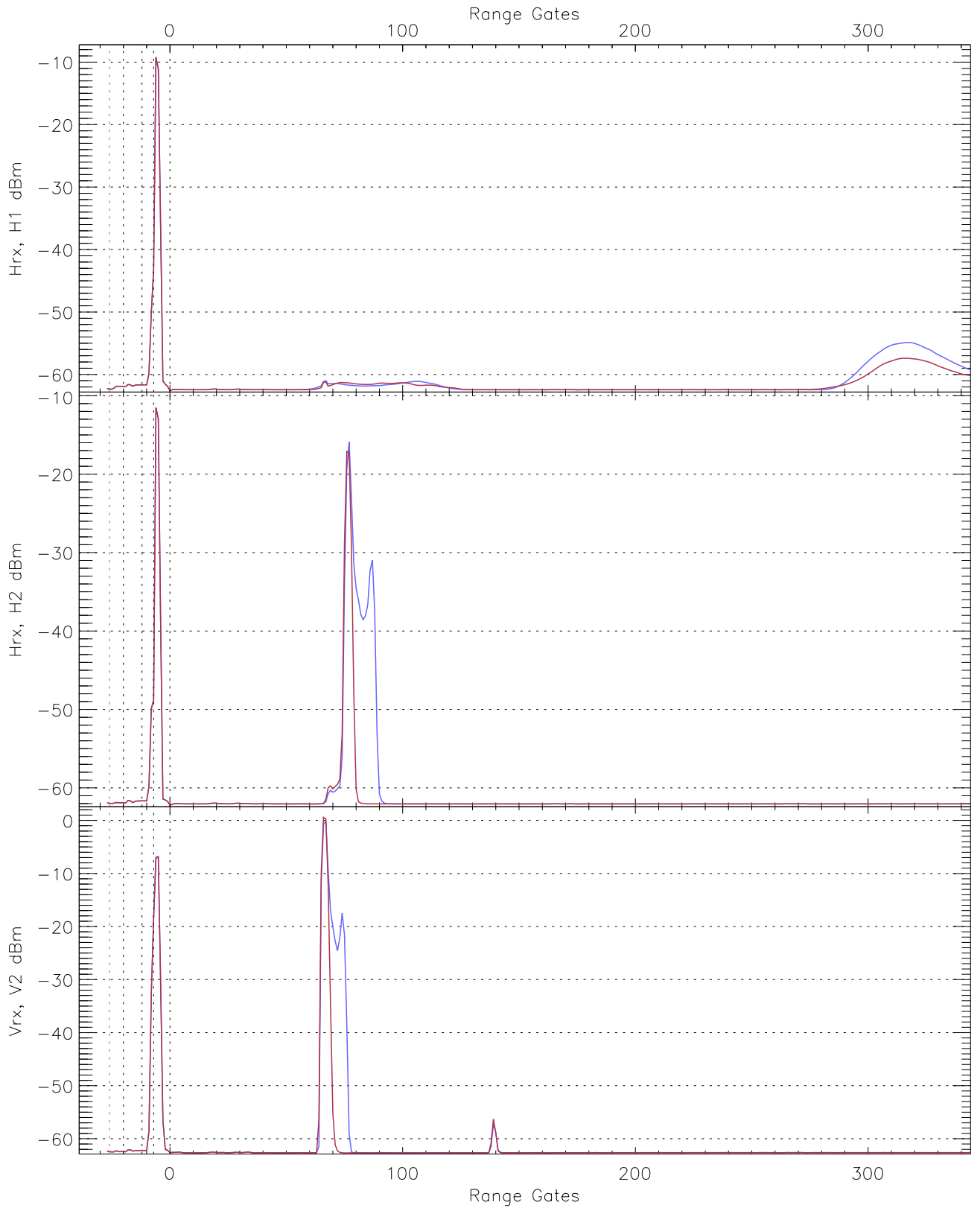
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.33	-60.82	-62.32	-62.33	-74.57
Hrx, H2 (RM [dBm])	-62.86	-60.97	-61.95	-61.96	-74.60
Vrx, V2 (RM [dBm])	-63.39	-61.39	-62.39	-62.40	-74.93





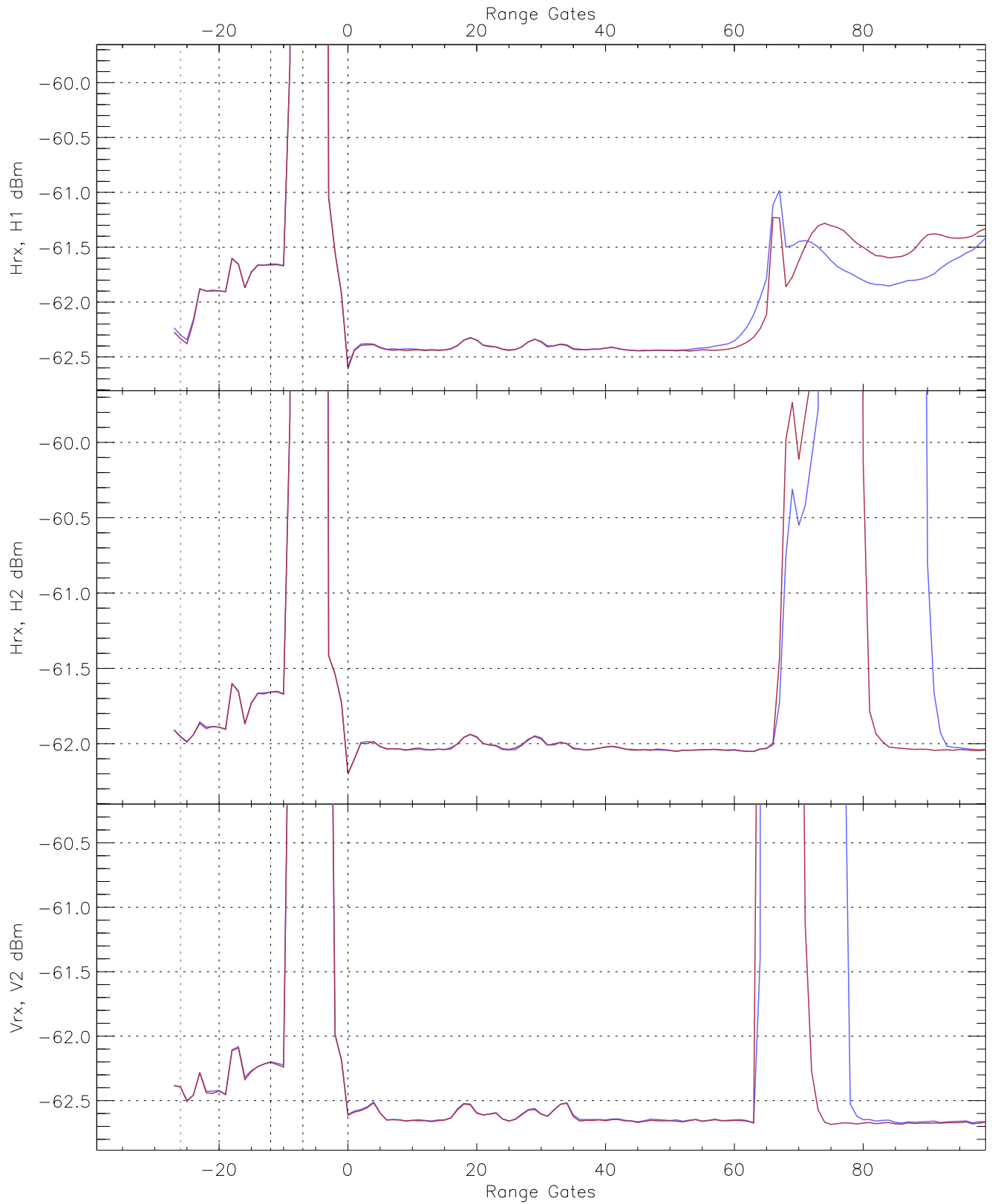
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG175_0 [dBm]	-63.50	-61.58	-62.46	-62.46	-75.02
H2RG63_0 [dBm]	-63.03	-61.15	-62.05	-62.06	-74.63
V2RG86_0 [dBm]	-63.77	-61.91	-62.68	-62.68	-75.27

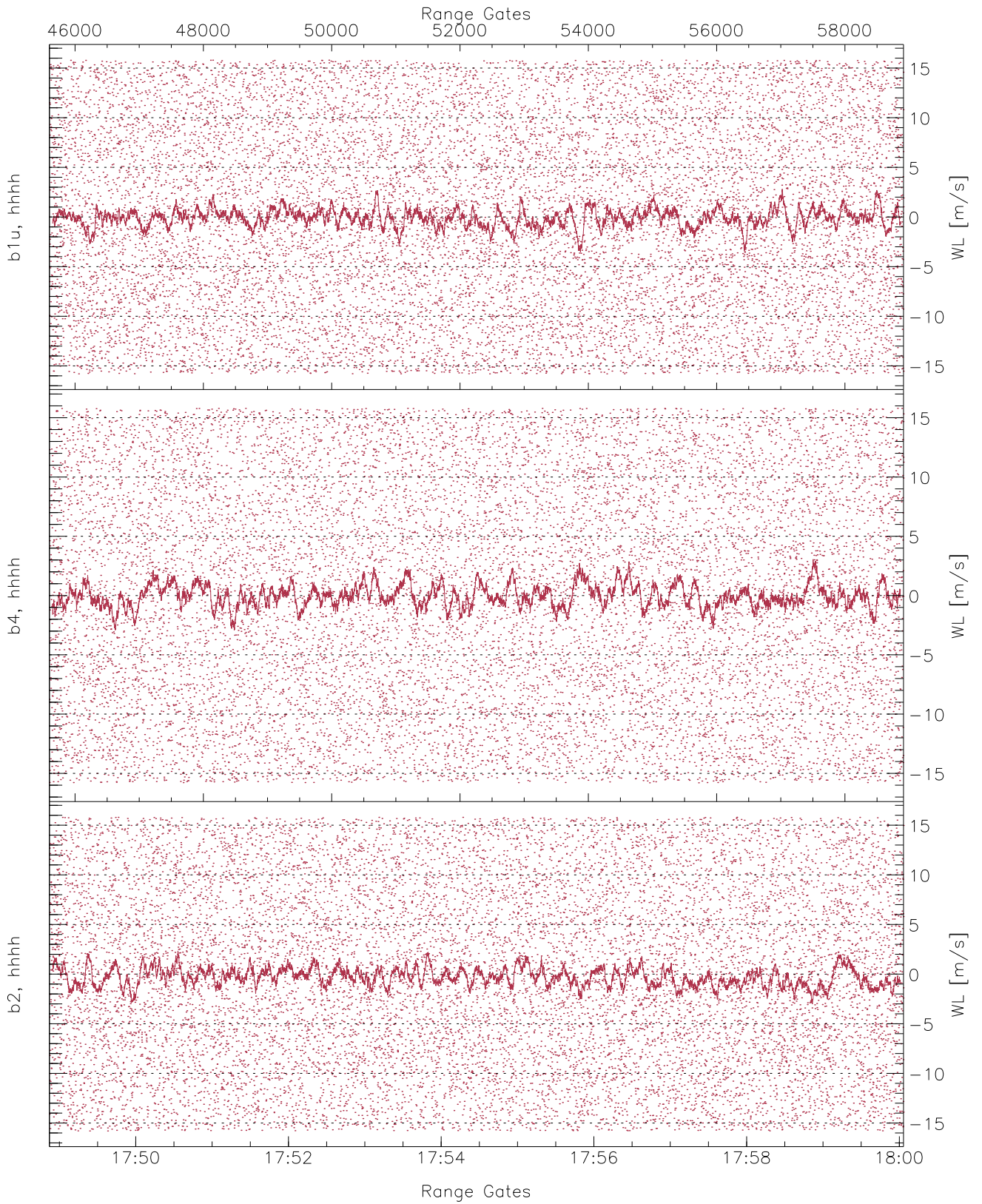


WCR2 CPP Averaged Received power for all recorded gates  
blue: 174852-175428, 6658 profiles averaged  
red: 175428-180003, 6657 profiles averaged

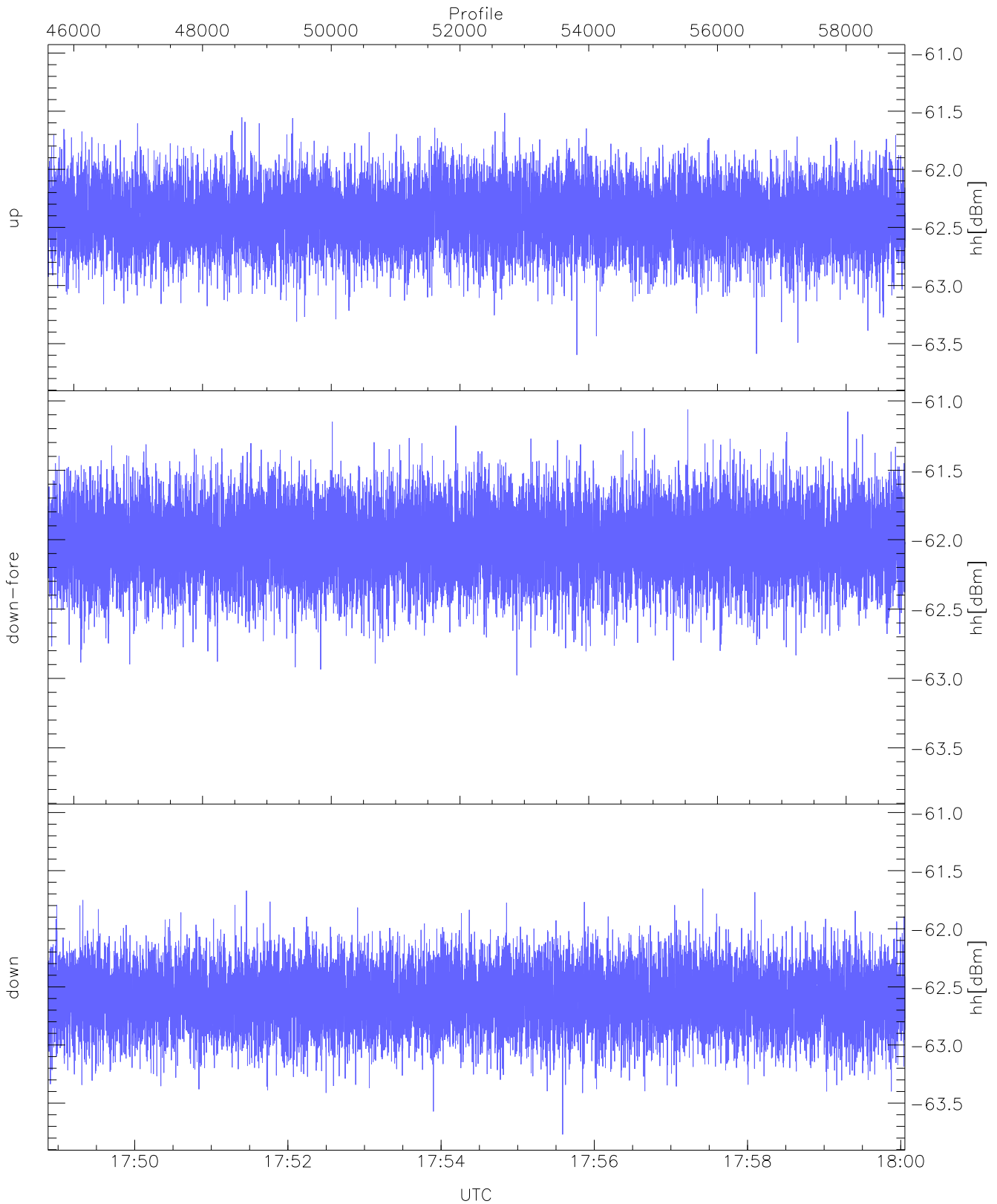




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 174852-175428, 6658 profiles averaged  
red: 175428-180003, 6657 profiles averaged

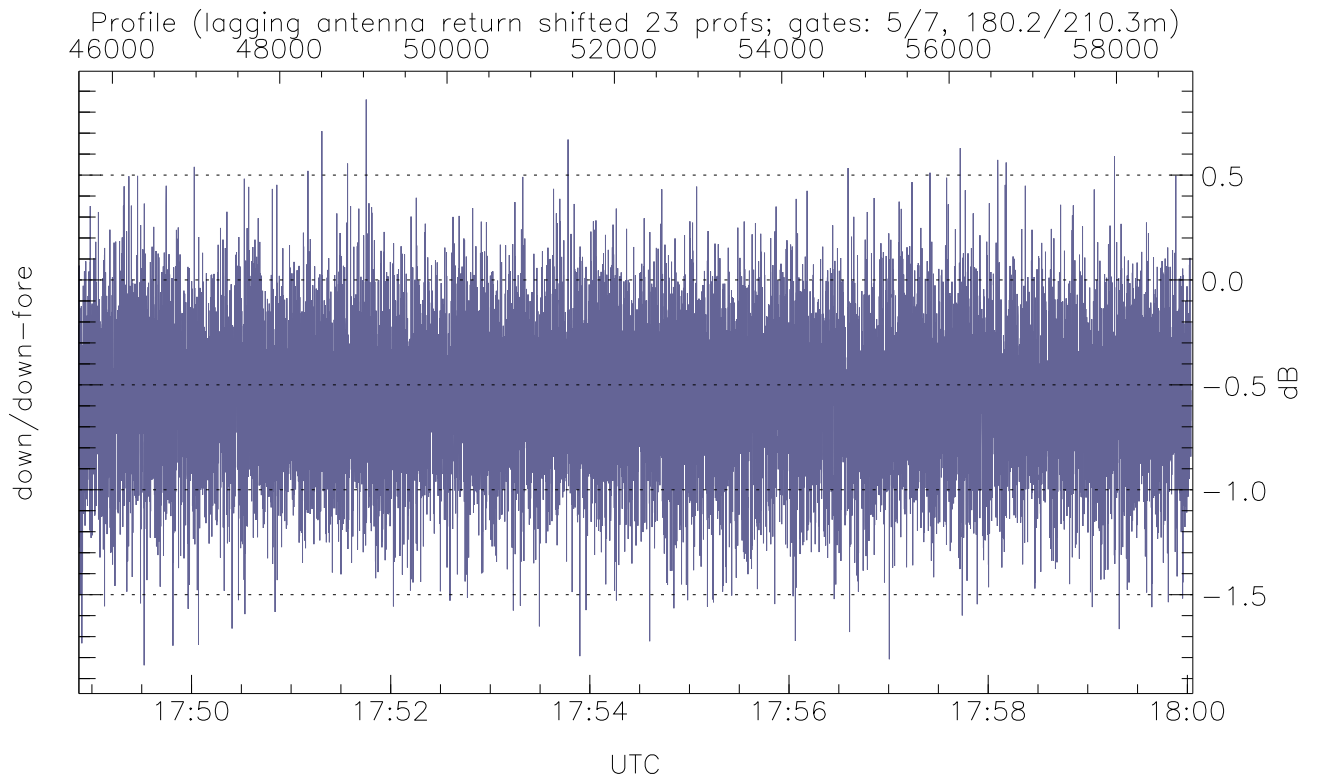
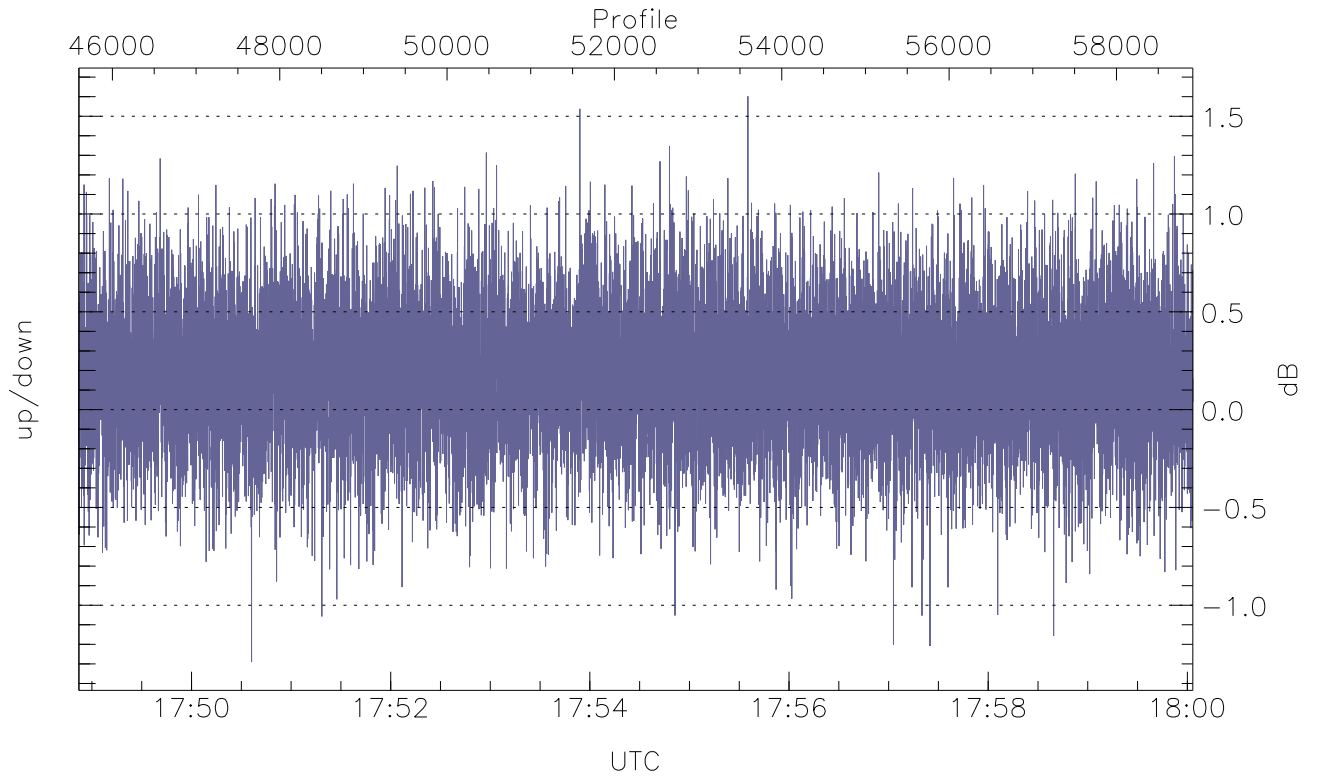


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



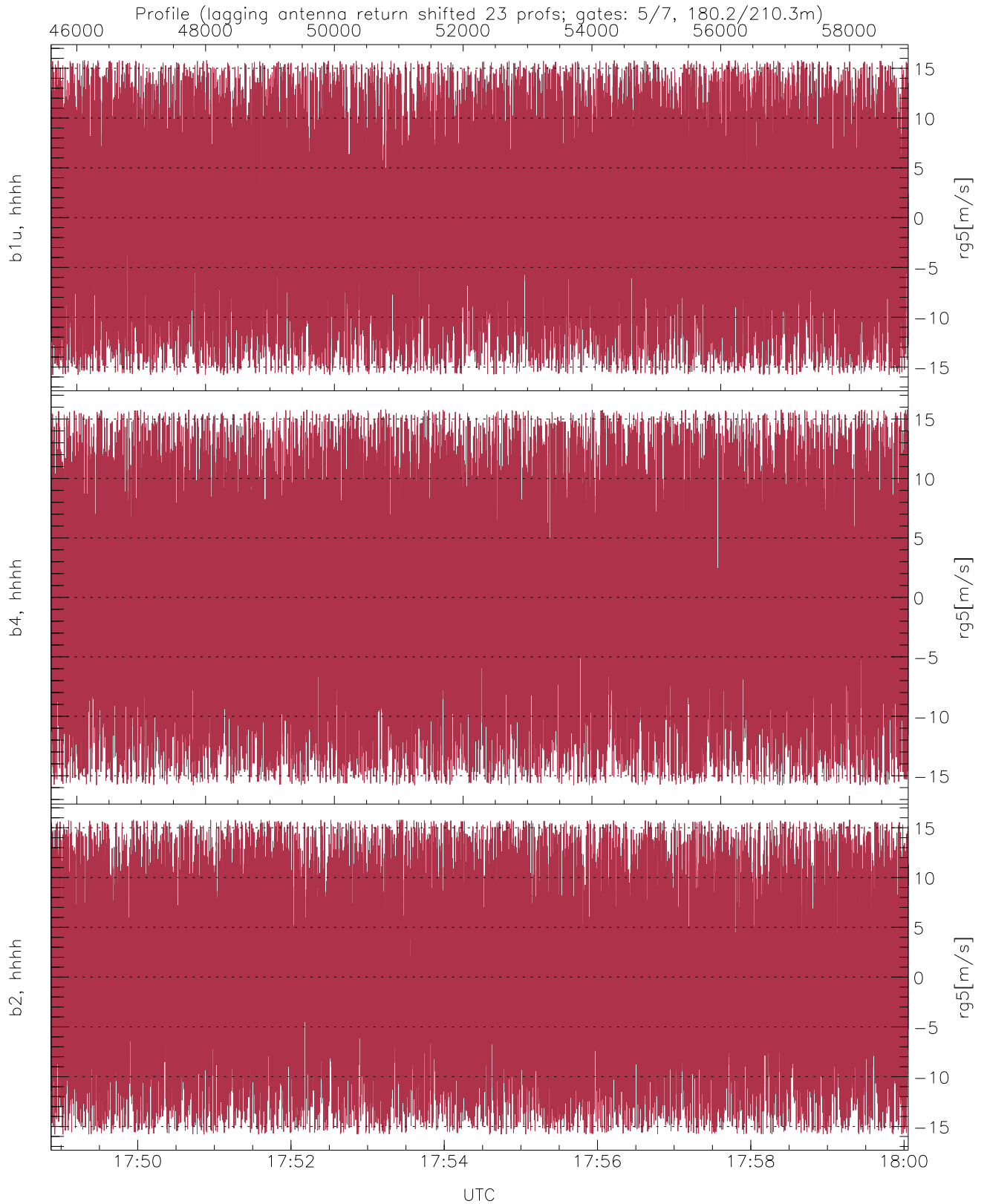
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.60	-61.52	-62.41
down-fore(hh[dBm])	-62.98	-61.06	-62.02
down(hh[dBm])	-63.77	-61.66	-62.60



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

	Min	Max	Mean
up/down (dB)	-1.29	1.60	0.18
down/down-fore (dB)	-1.84	0.86	-0.56



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.80	-0.17	9.04
b4, hhhh(rg5[m/s])	-15.80	15.80	-0.17	9.02
b2, hhhh(rg5[m/s])	-15.80	15.80	-0.54	9.01