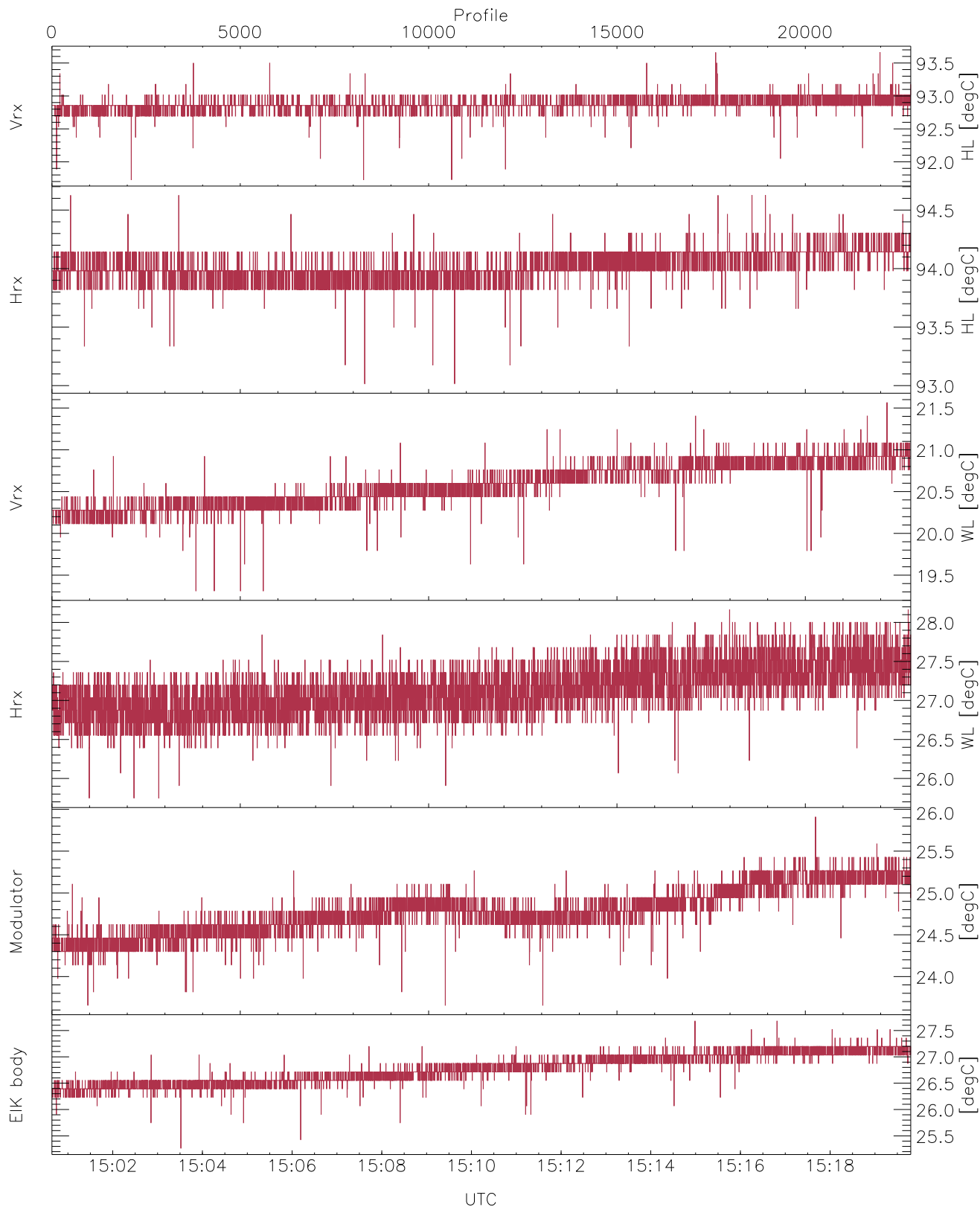


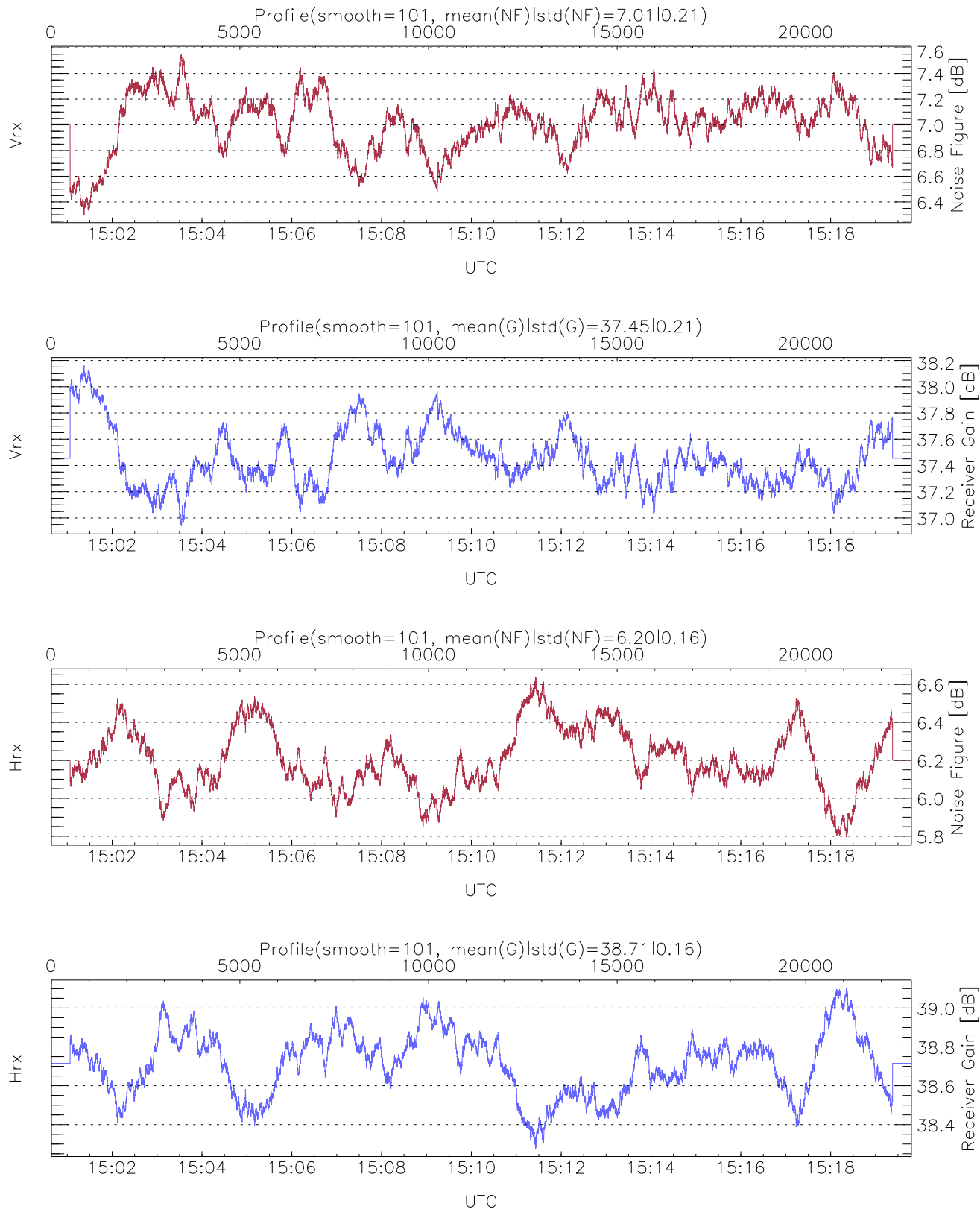
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 15:00:39-15:31:56, Dur: 1877.01s  
 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): 22800/37234, 0-22799/15:00:39-15:19:48  
 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(-910|112,3,9x = no mirror|sidelup|error): 1



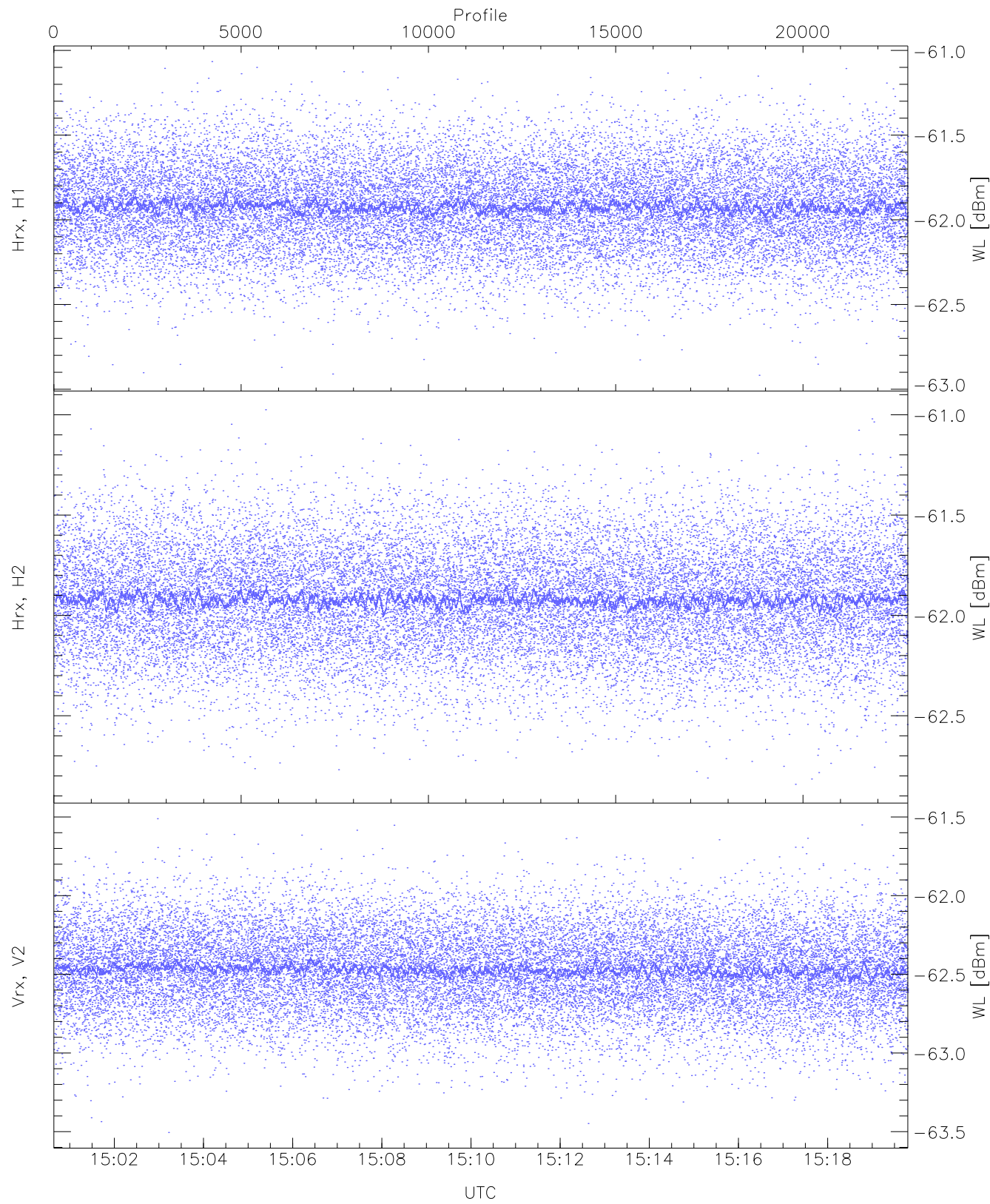
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,19,25,23,25  
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,21,28,25,27  
 LOalarm(20,80,240,2.8,14.8 MHz): None  
 EIK Faults(# prof affected):  
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (32,32,38,38,27,16)



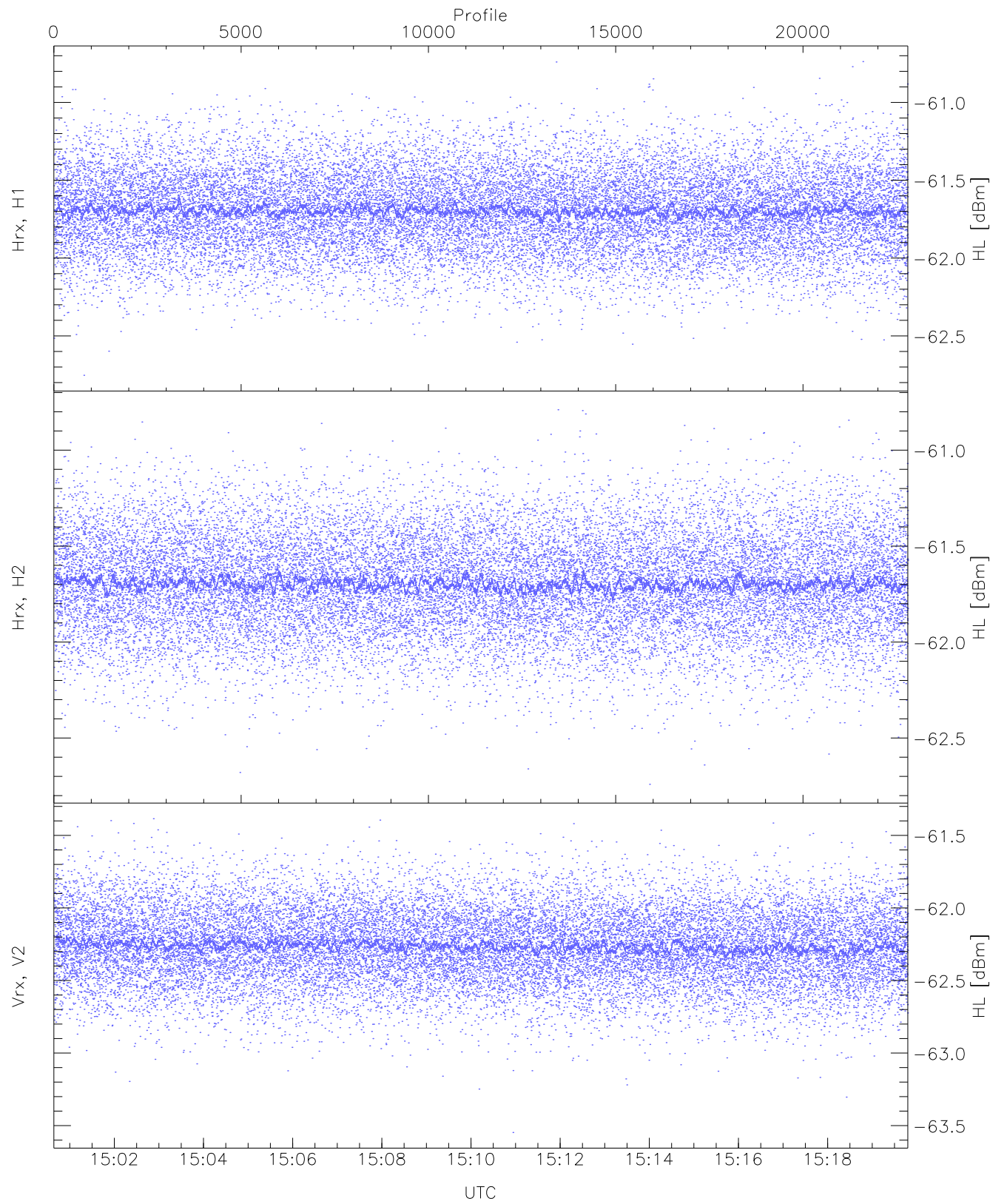
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 11163 pixs, 32 gates, 11051 profs, 1 prods



WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

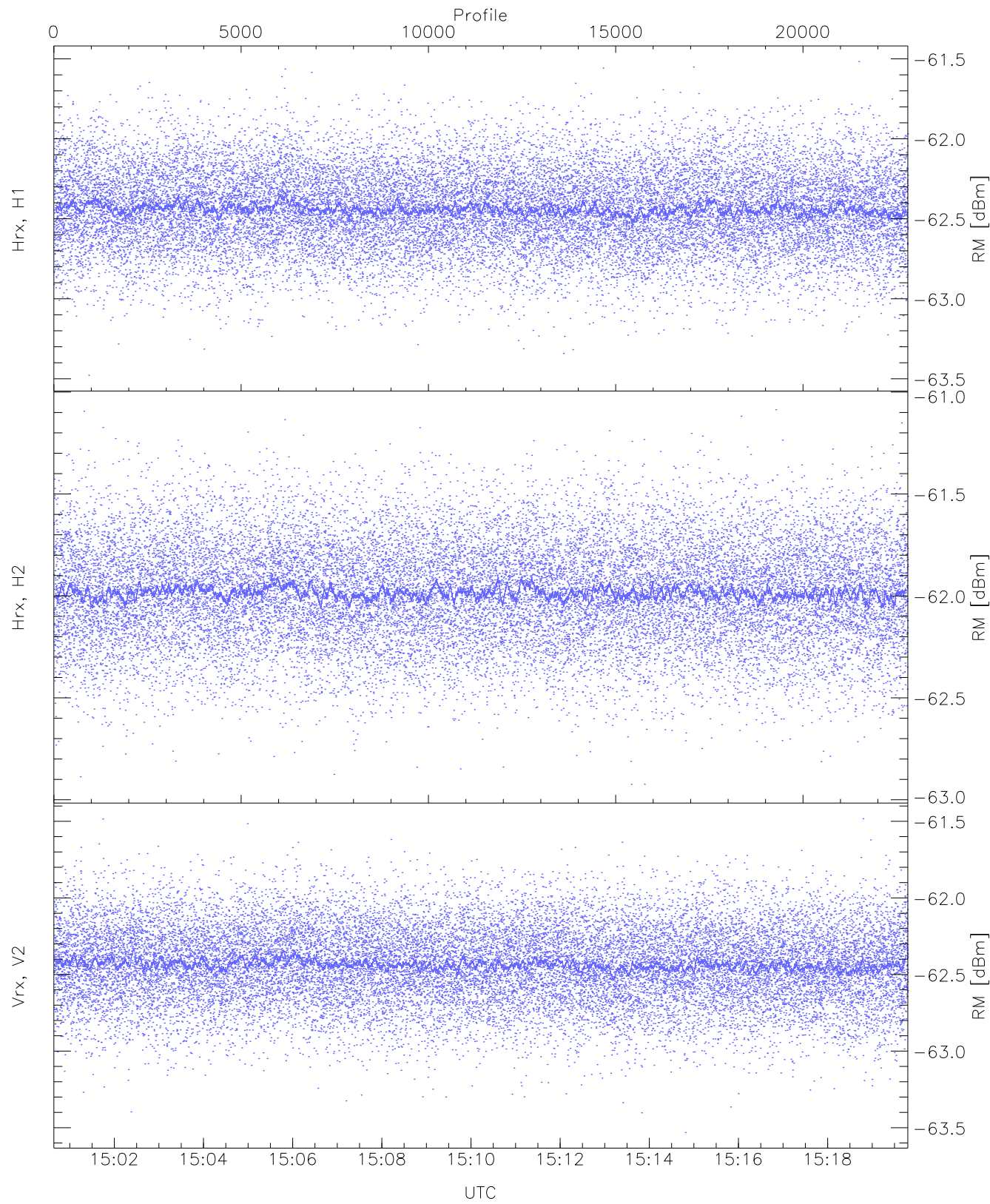
	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.92	-61.07	-61.92	-61.92	-74.54
Hrx, H2(WL [dBm])	-62.84	-60.97	-61.92	-61.92	-74.46
Vrx, V2(WL [dBm])	-63.51	-61.51	-62.47	-62.47	-75.01



WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

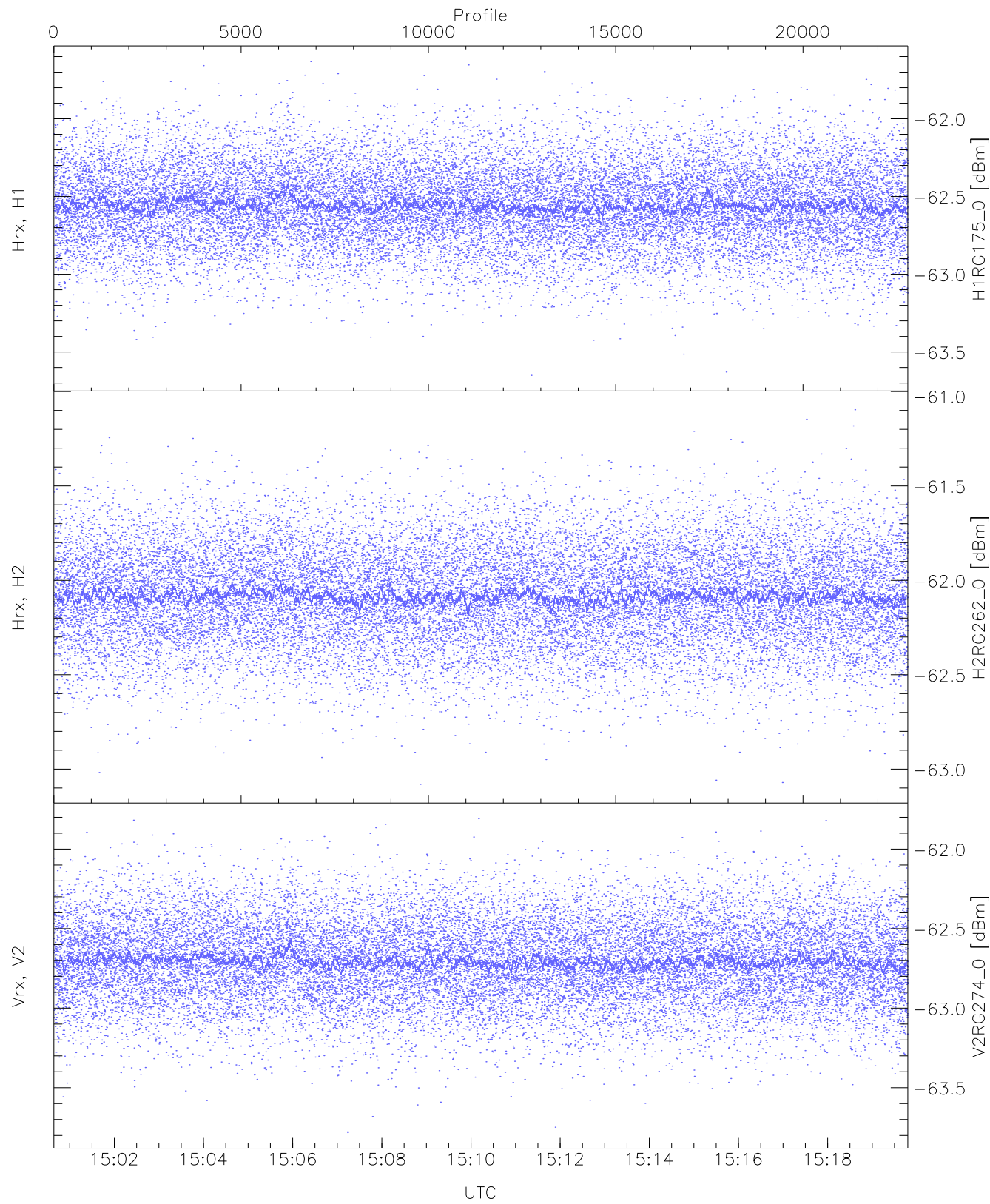
	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.75	-60.74	-61.69	-61.70	-74.24
Hrx, H2(HL [dBm])	-62.74	-60.79	-61.69	-61.70	-74.28
Vrx, V2(HL [dBm])	-63.55	-61.39	-62.26	-62.27	-74.84





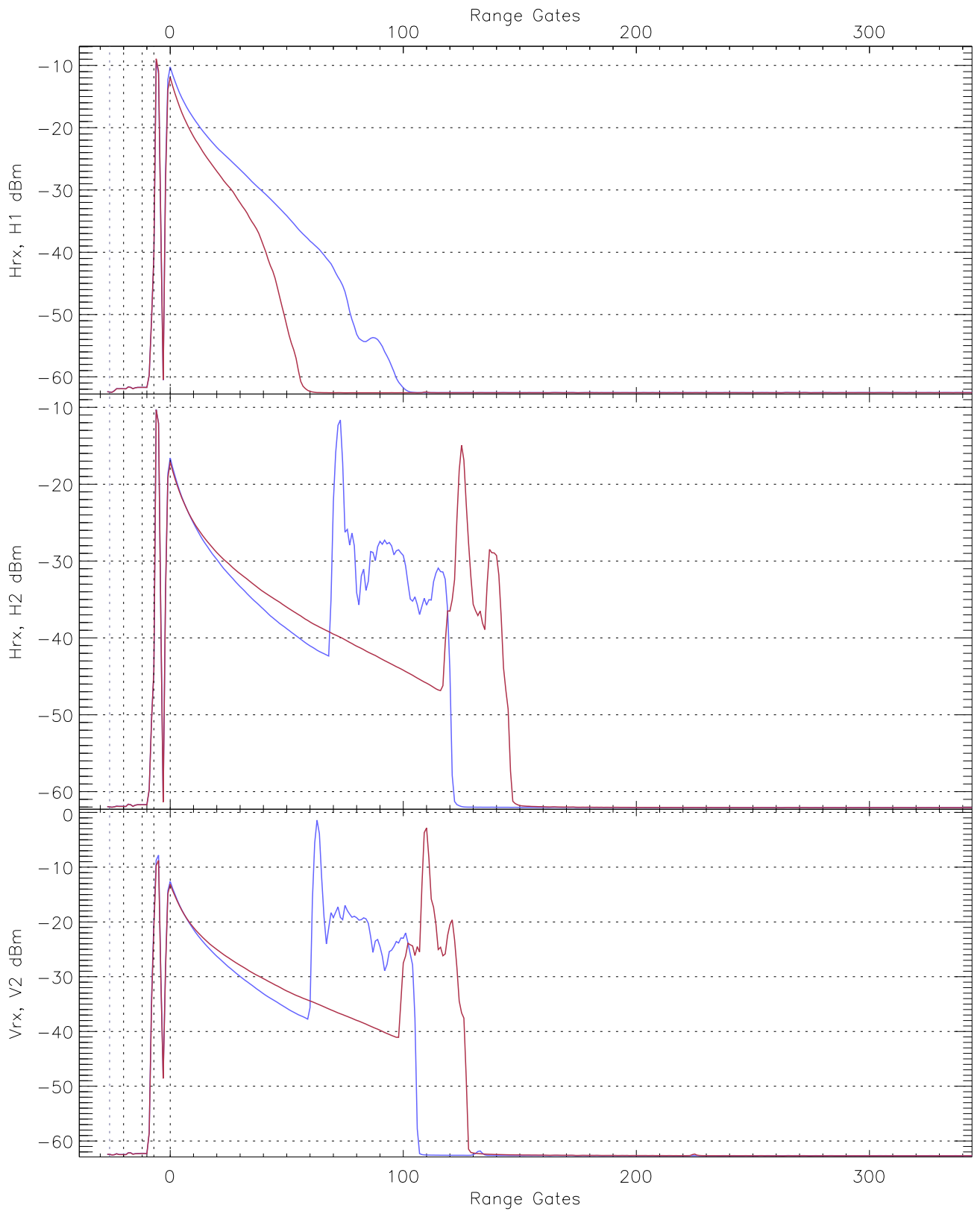
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.48	-61.52	-62.44	-62.44	-74.99
Hrx, H2(RM [dBm])	-62.92	-61.09	-61.98	-61.99	-74.58
Vrx, V2(RM [dBm])	-63.53	-61.48	-62.43	-62.44	-74.97



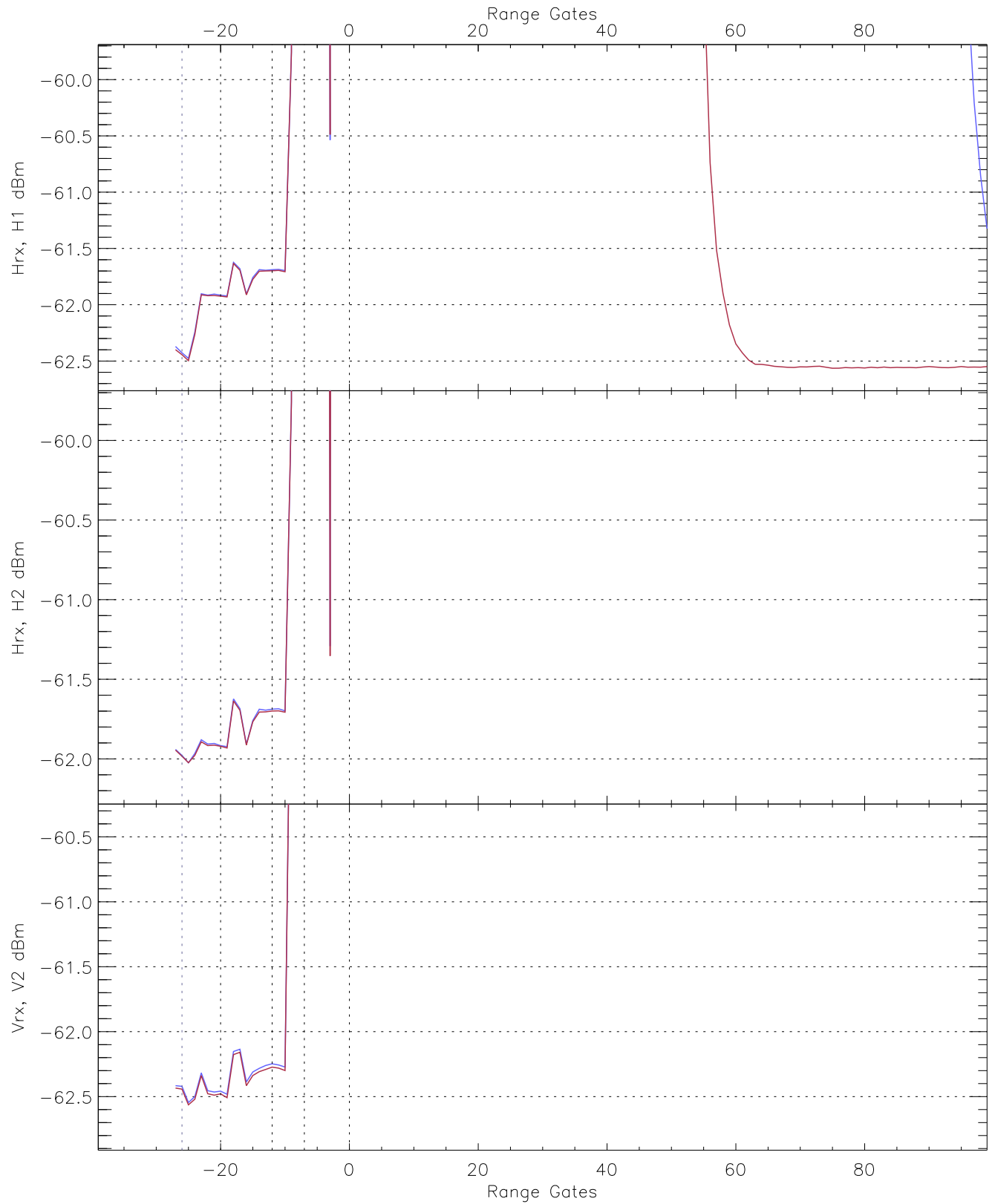
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG175_0 [dBm]	-63.65	-61.63	-62.55	-62.56	-75.11
H2RG262_0 [dBm]	-63.08	-61.10	-62.08	-62.09	-74.67
V2RG274_0 [dBm]	-63.78	-61.81	-62.70	-62.71	-75.22

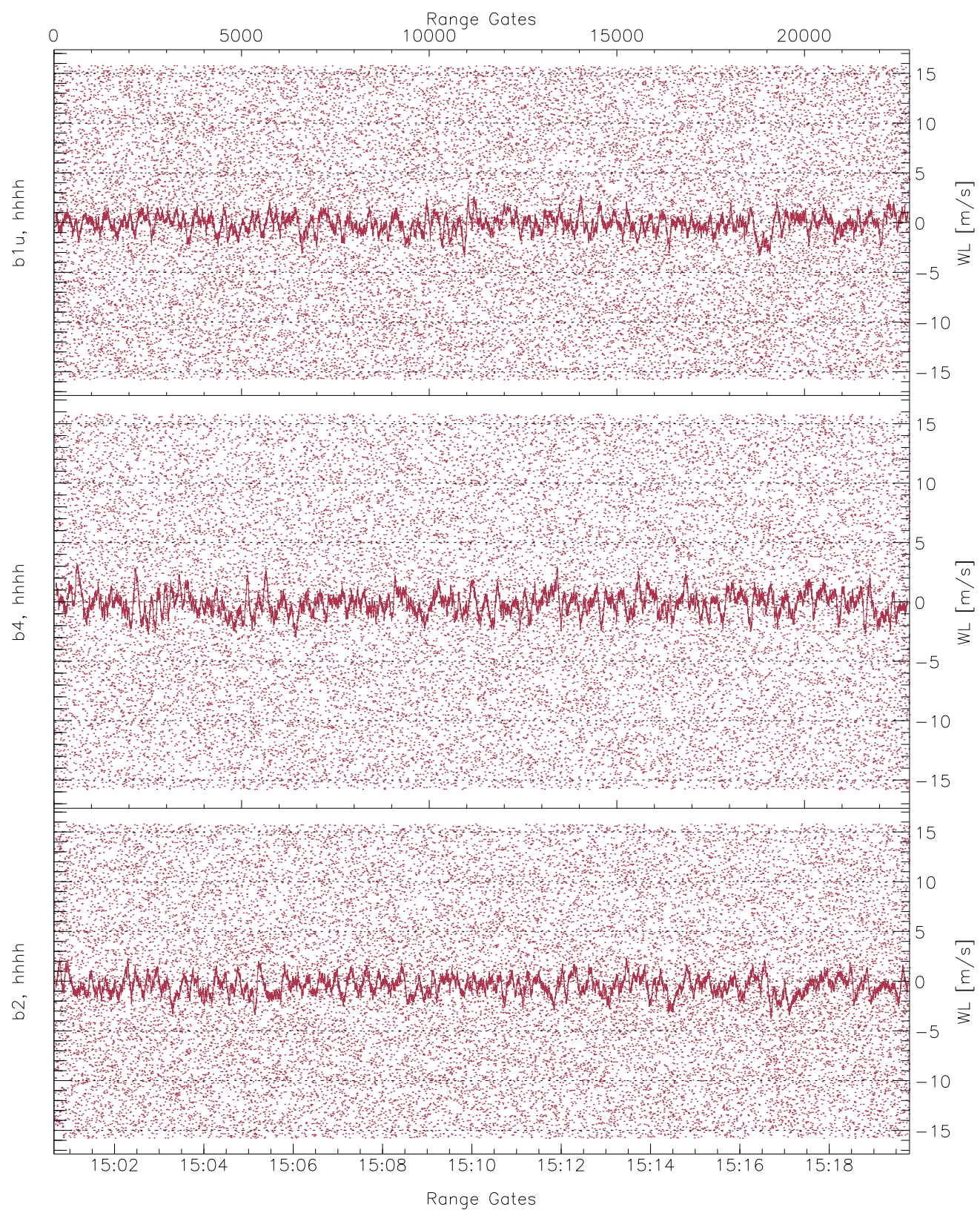


WCR2 CPP Averaged Received power for all recorded gates  
blue: 150039-151013, 11401 profiles averaged  
red: 151013-151948, 11400 profiles averaged

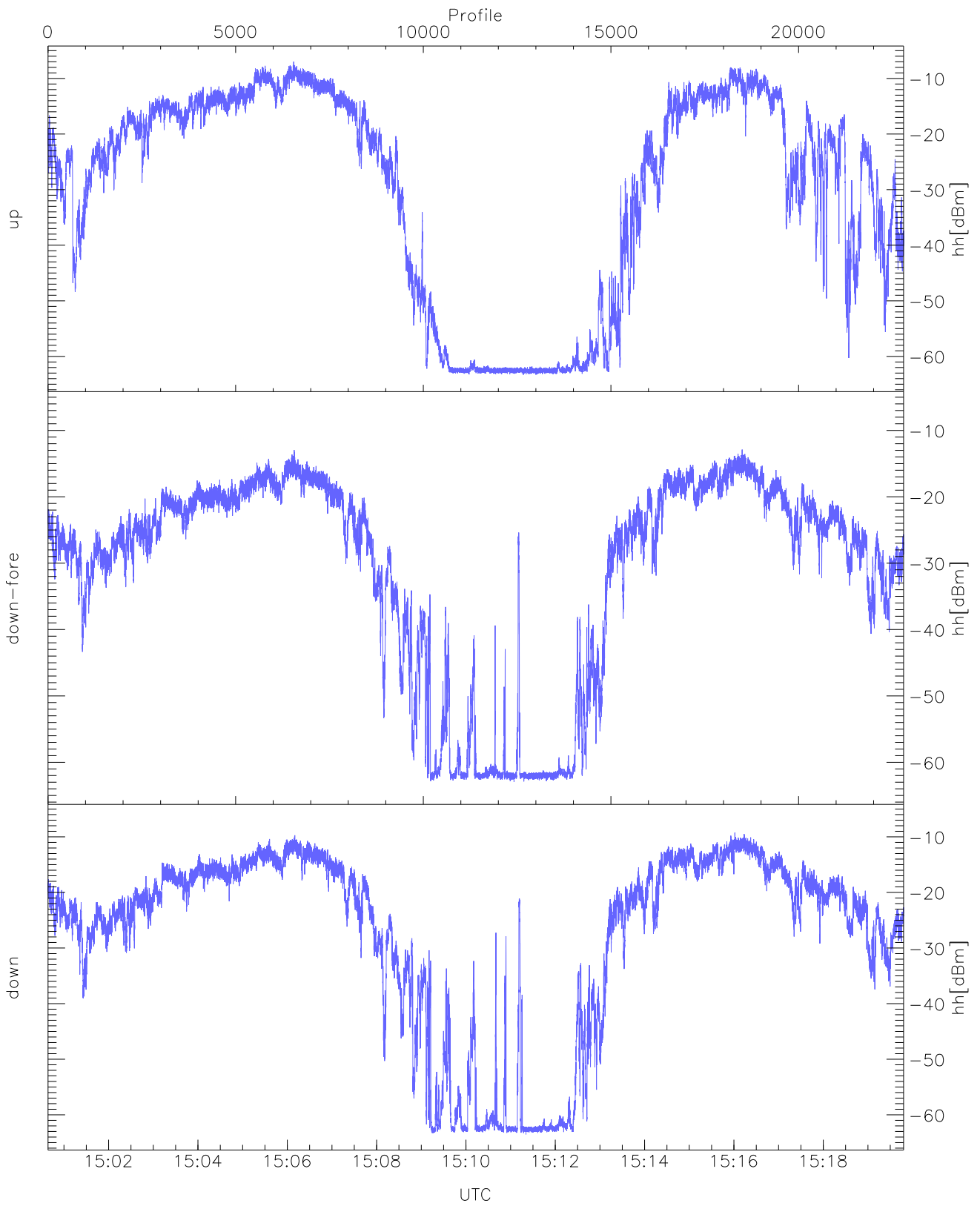




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
 blue: 150039-151013, 11401 profiles averaged  
 red: 151013-151948, 11400 profiles averaged

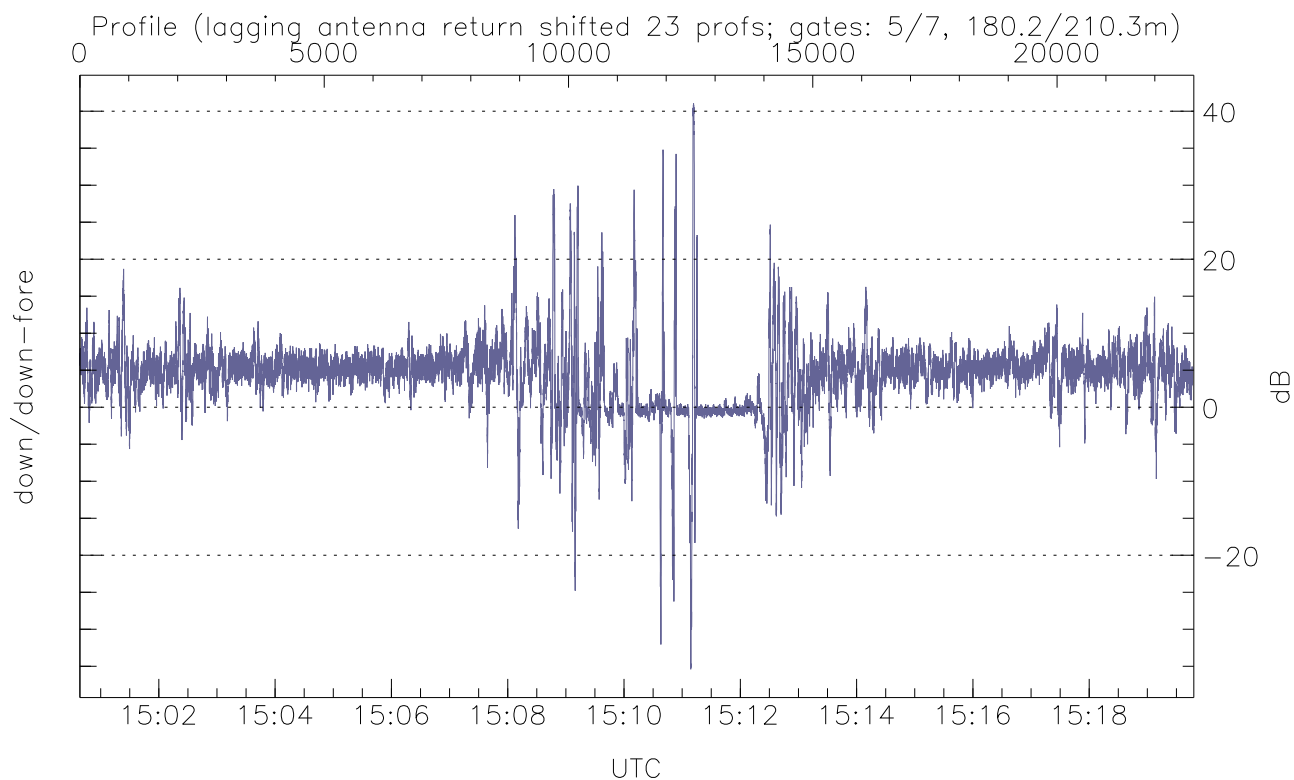
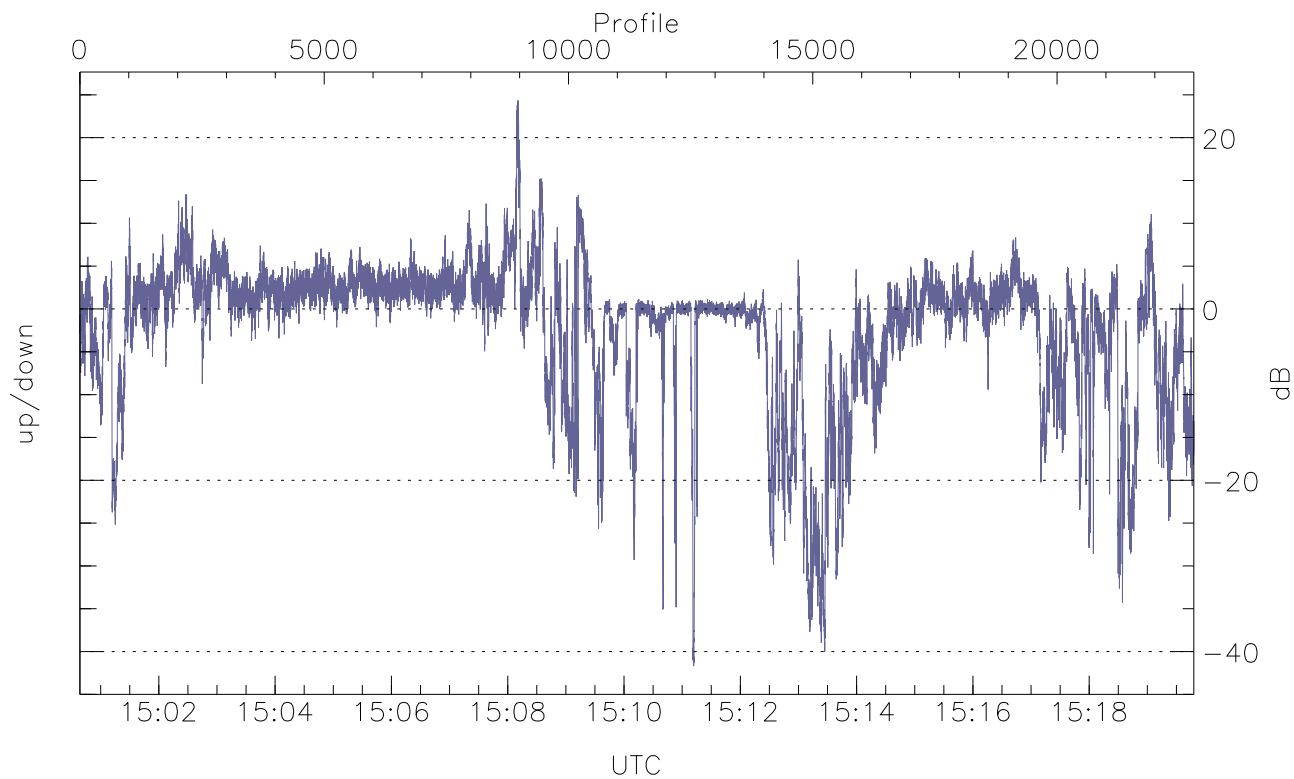


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



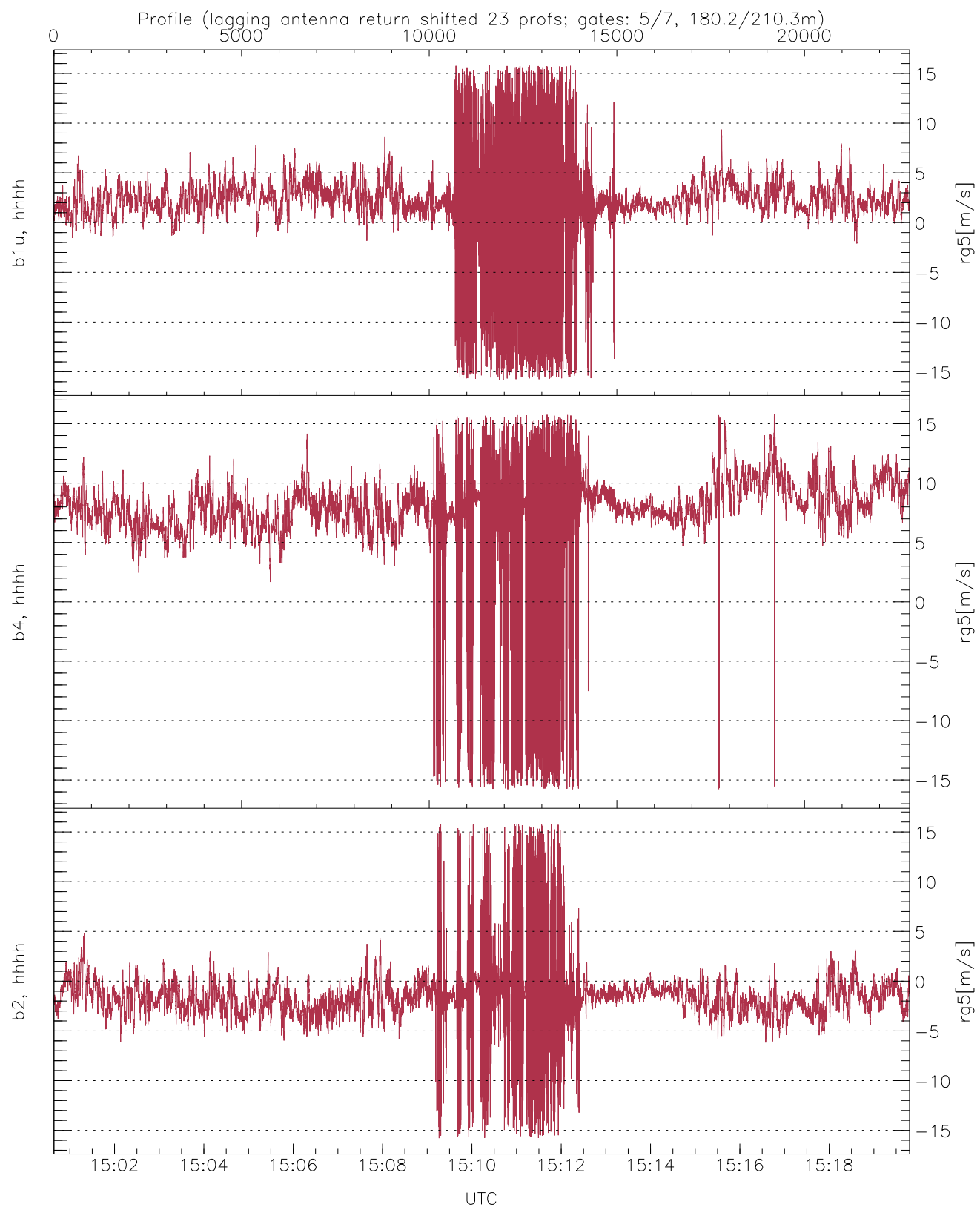
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.31	-6.99	-16.24
down-fore(hh[dBm])	-62.95	-12.88	-21.73
down(hh[dBm])	-63.52	-9.25	-17.84



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

	Min	Max	Mean
up/down(dB)	-41.69	24.36	-2.33
down/down-fore(dB)	-35.41	41.04	4.36



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.79	15.80	2.01	3.47
b4, hhhh(rg5[m/s])	-15.79	15.78	7.41	4.06
b2, hhhh(rg5[m/s])	-15.78	15.77	-1.60	2.69