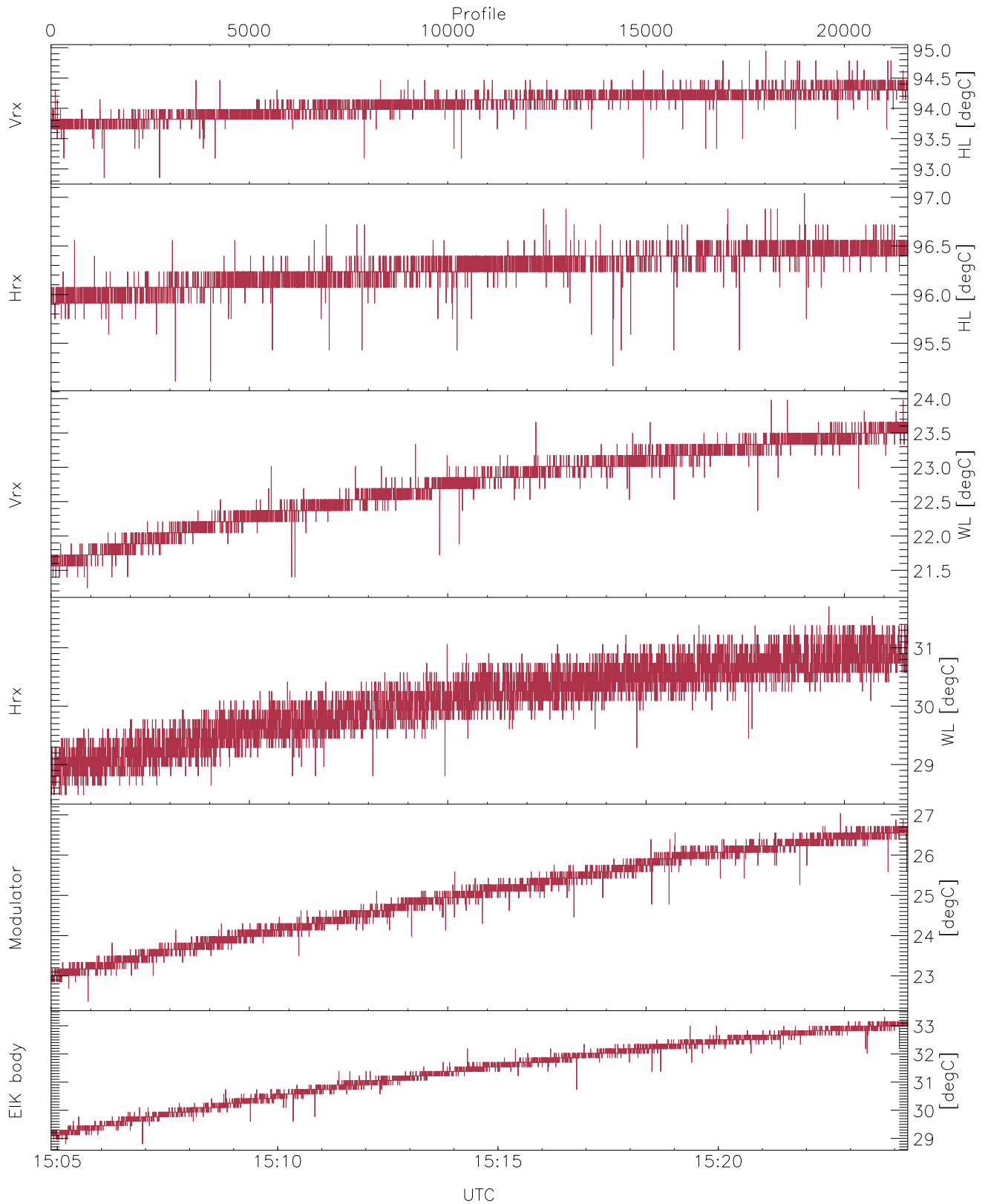


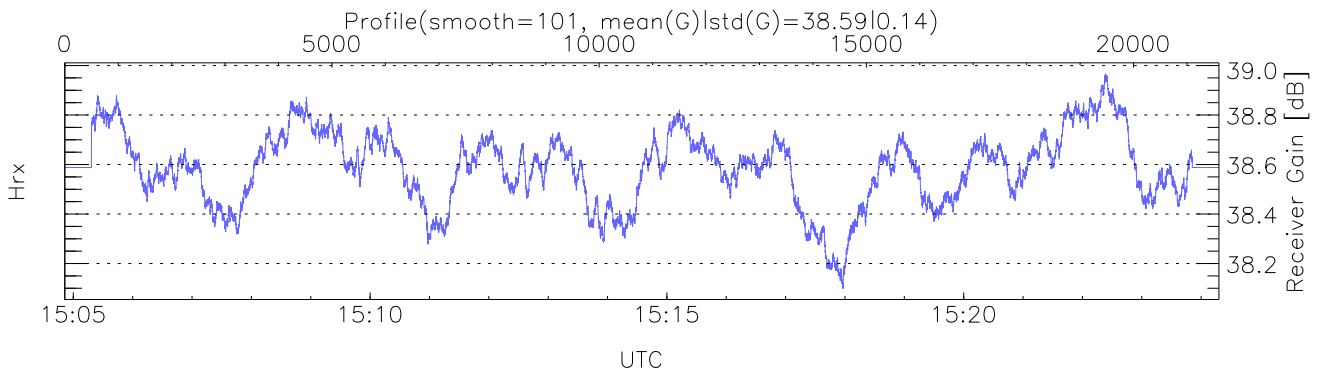
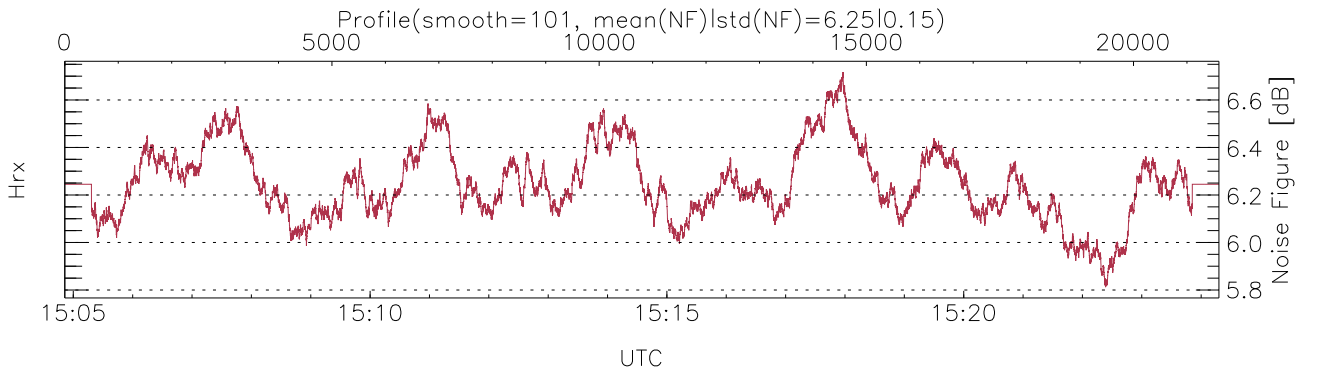
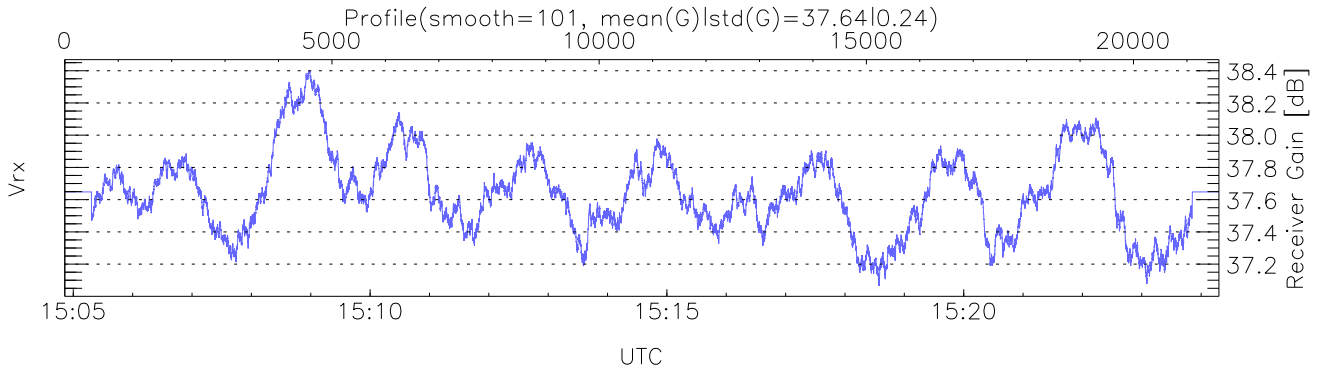
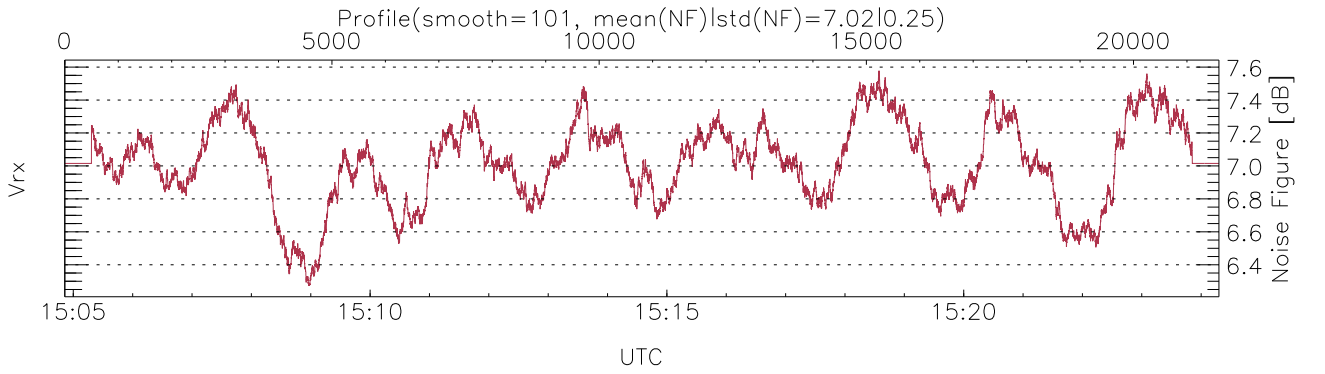
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 15:04:51-15:36:05, Dur: 1873.41s  
 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): 21600/34685, 0-21599/15:04:51-15:24:18  
 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



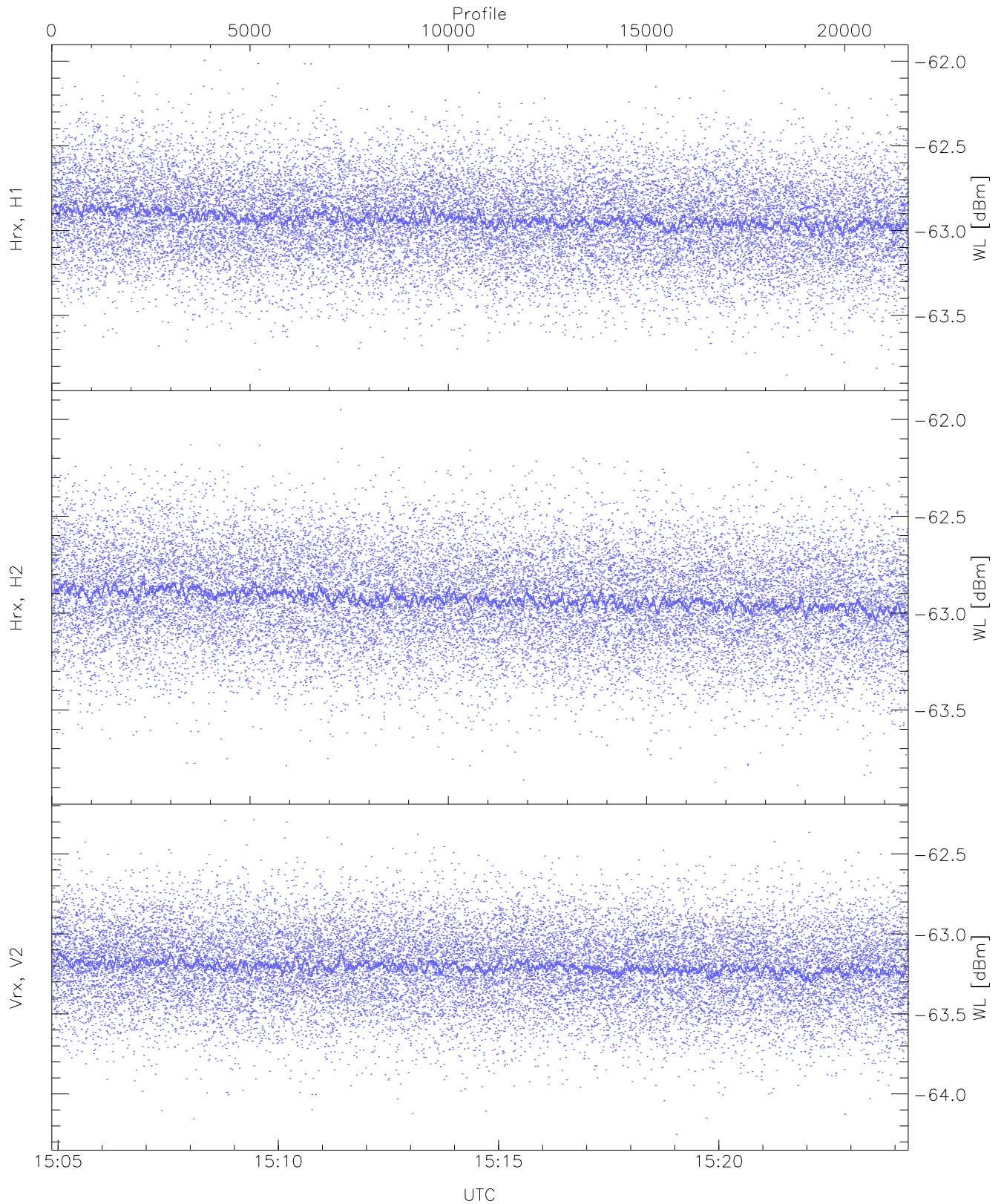
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,95,21,28,22,28  
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,97,23,31,27,33  
 LOalarm(20,80,240,2.8,14.8 MHz): None  
 EIK Faults(# prof affected):  
 DeckT,CollT,BodyCurr,DeckF,HVPS (5,5,10,10,15)



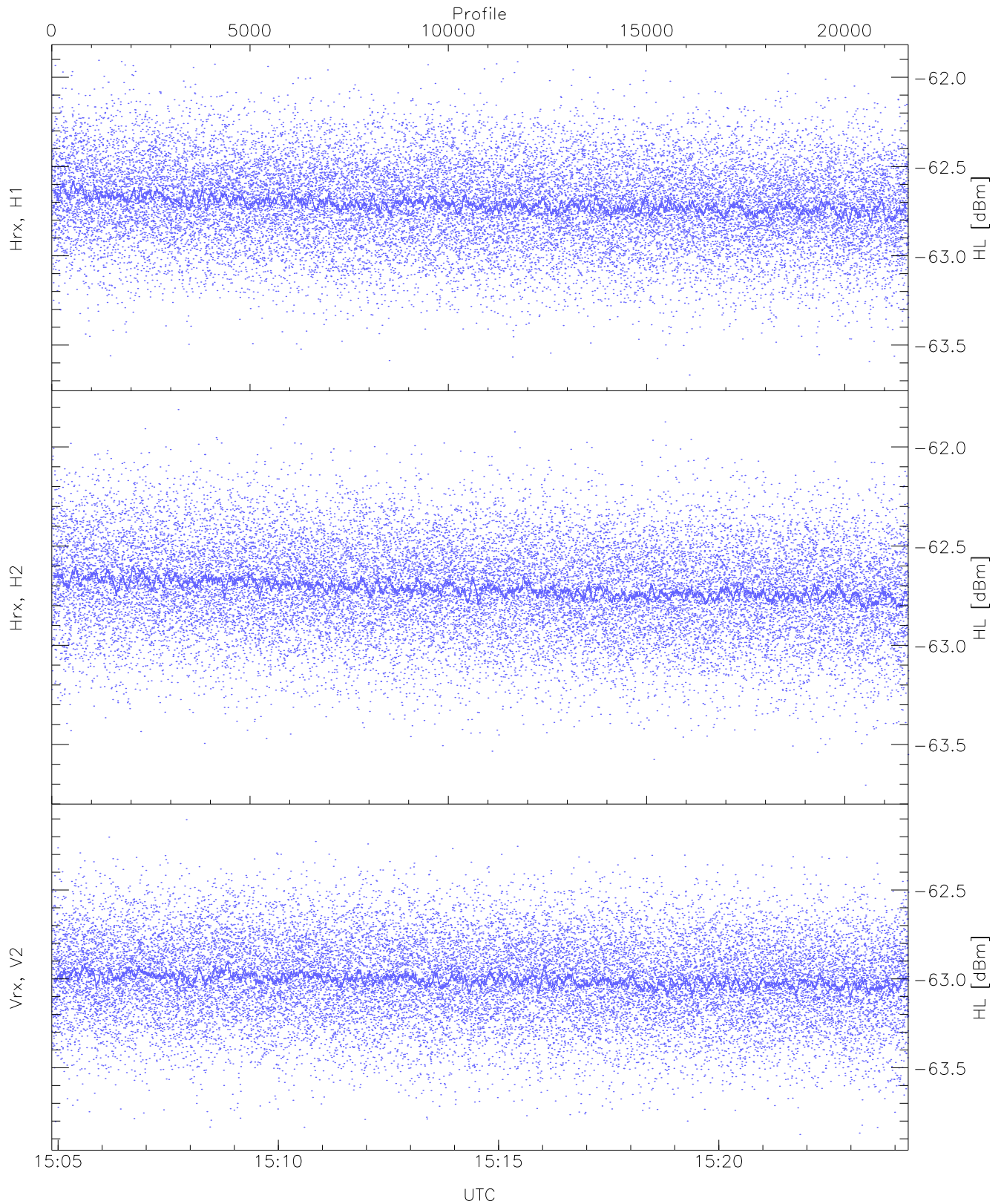
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 9446 pixs, 76 gates, 8639 profs, 2 prods



WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

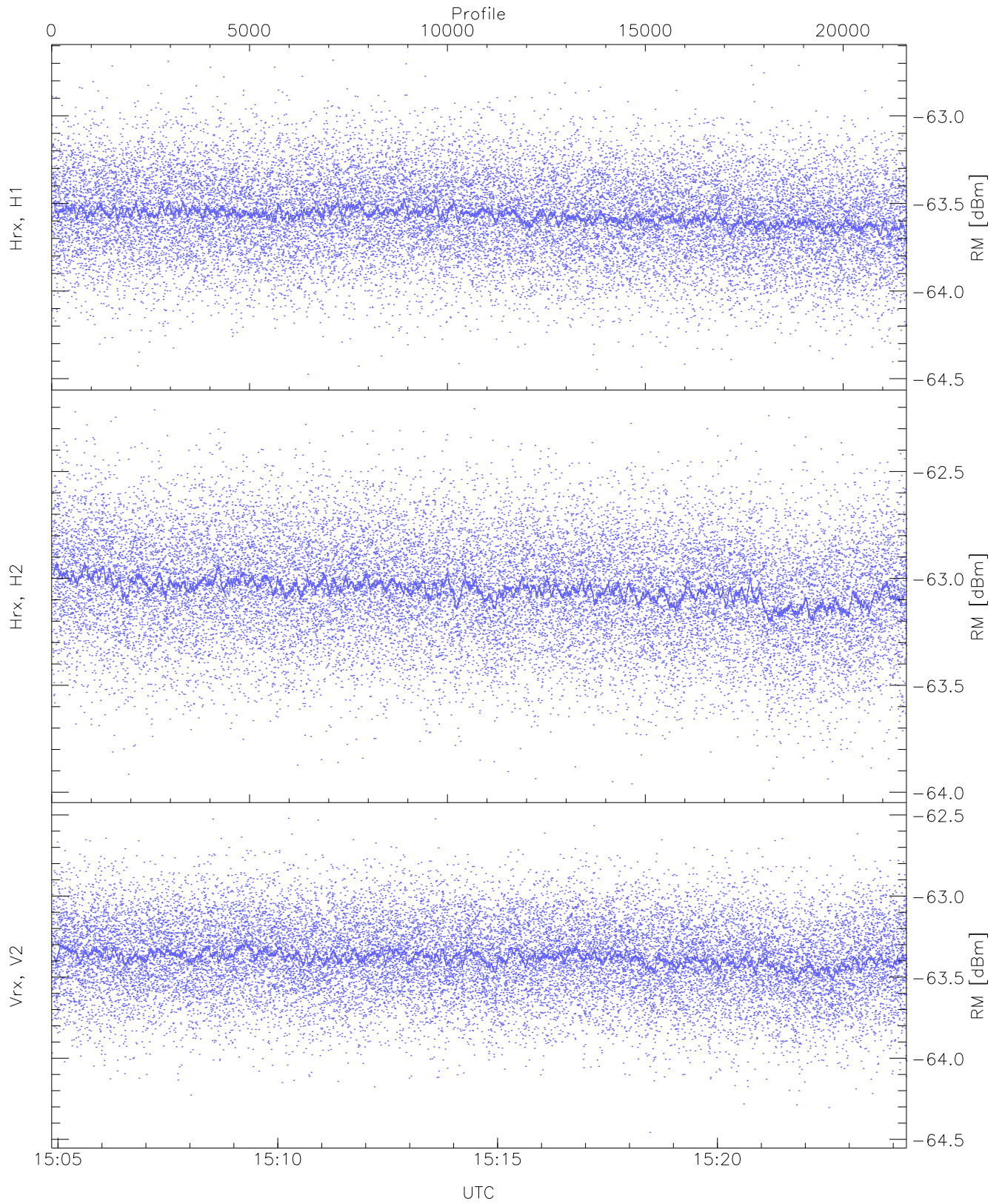
	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-63.85	-62.00	-62.93	-62.93	-75.62
Hrx, H2 (WL [dBm])	-63.89	-61.95	-62.93	-62.93	-75.62
Vrx, V2 (WL [dBm])	-64.25	-62.29	-63.20	-63.20	-75.89



WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

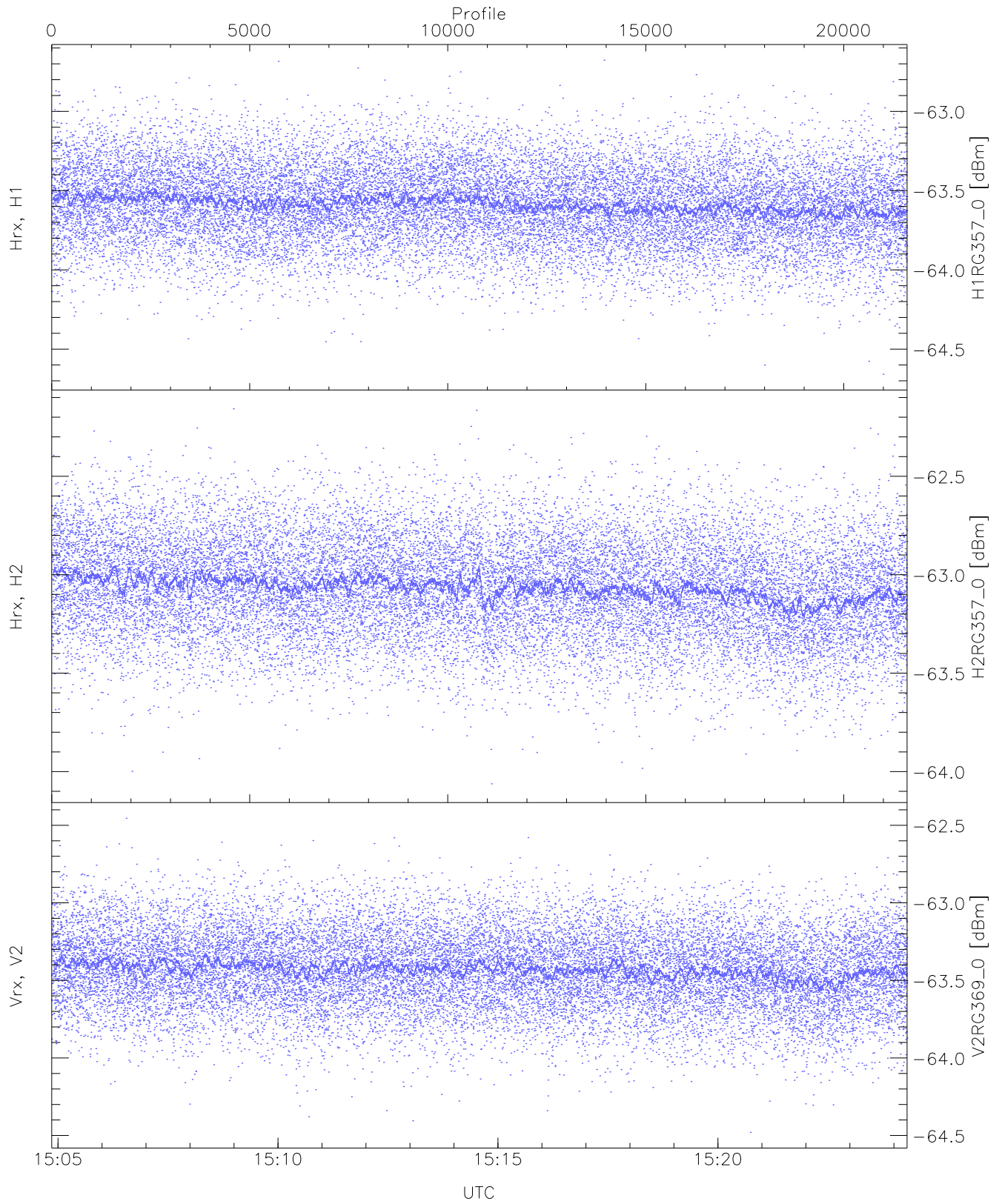
	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.67	-61.91	-62.71	-62.71	-75.36
Hrx, H2 (HL [dBm])	-63.71	-61.81	-62.71	-62.71	-75.37
Vrx, V2 (HL [dBm])	-63.88	-62.10	-63.00	-63.00	-75.67





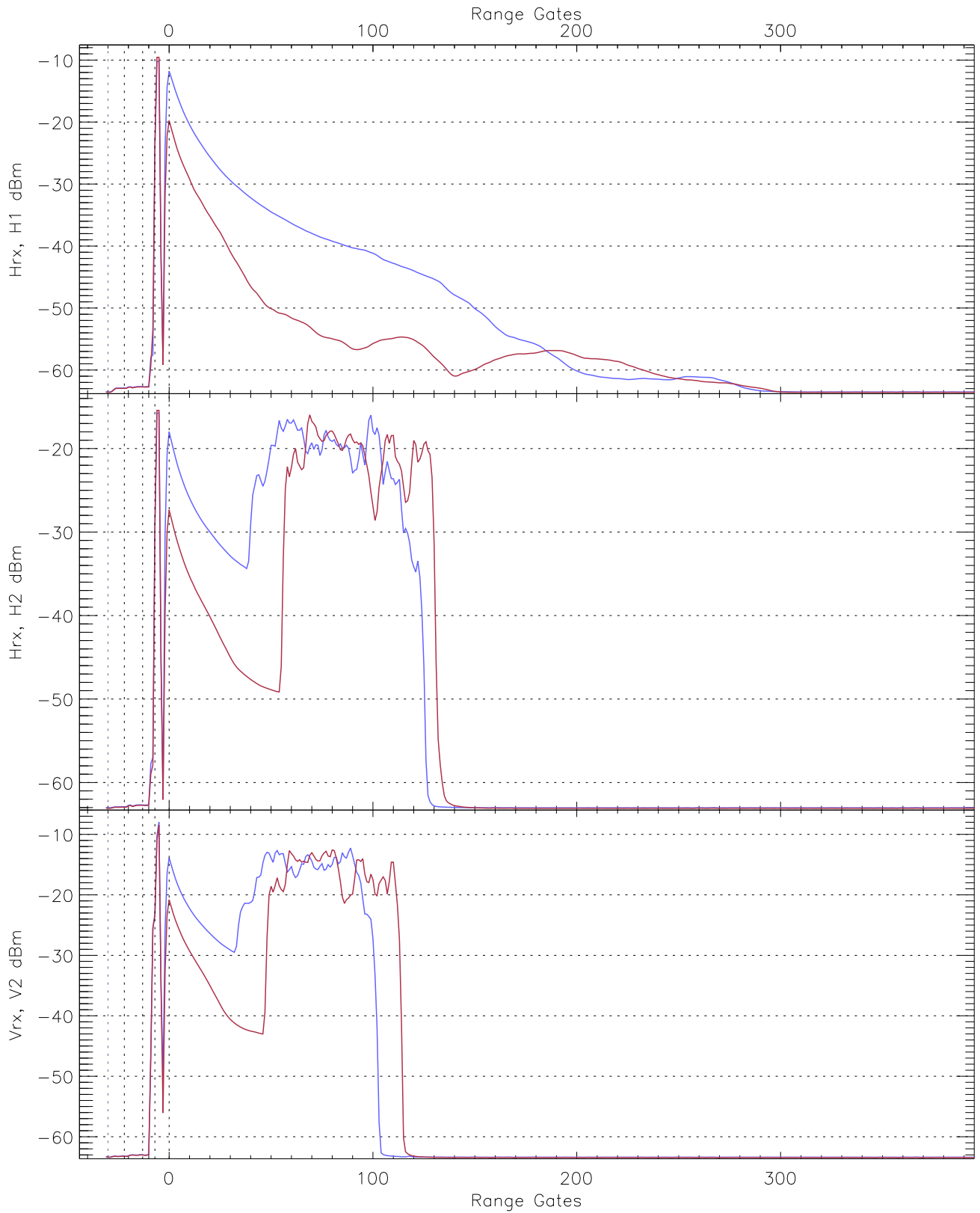
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.48	-62.68	-63.57	-63.57	-76.19
Hrx, H2 (RM [dBm])	-63.96	-62.21	-63.05	-63.05	-75.66
Vrx, V2 (RM [dBm])	-64.46	-62.52	-63.38	-63.38	-76.02



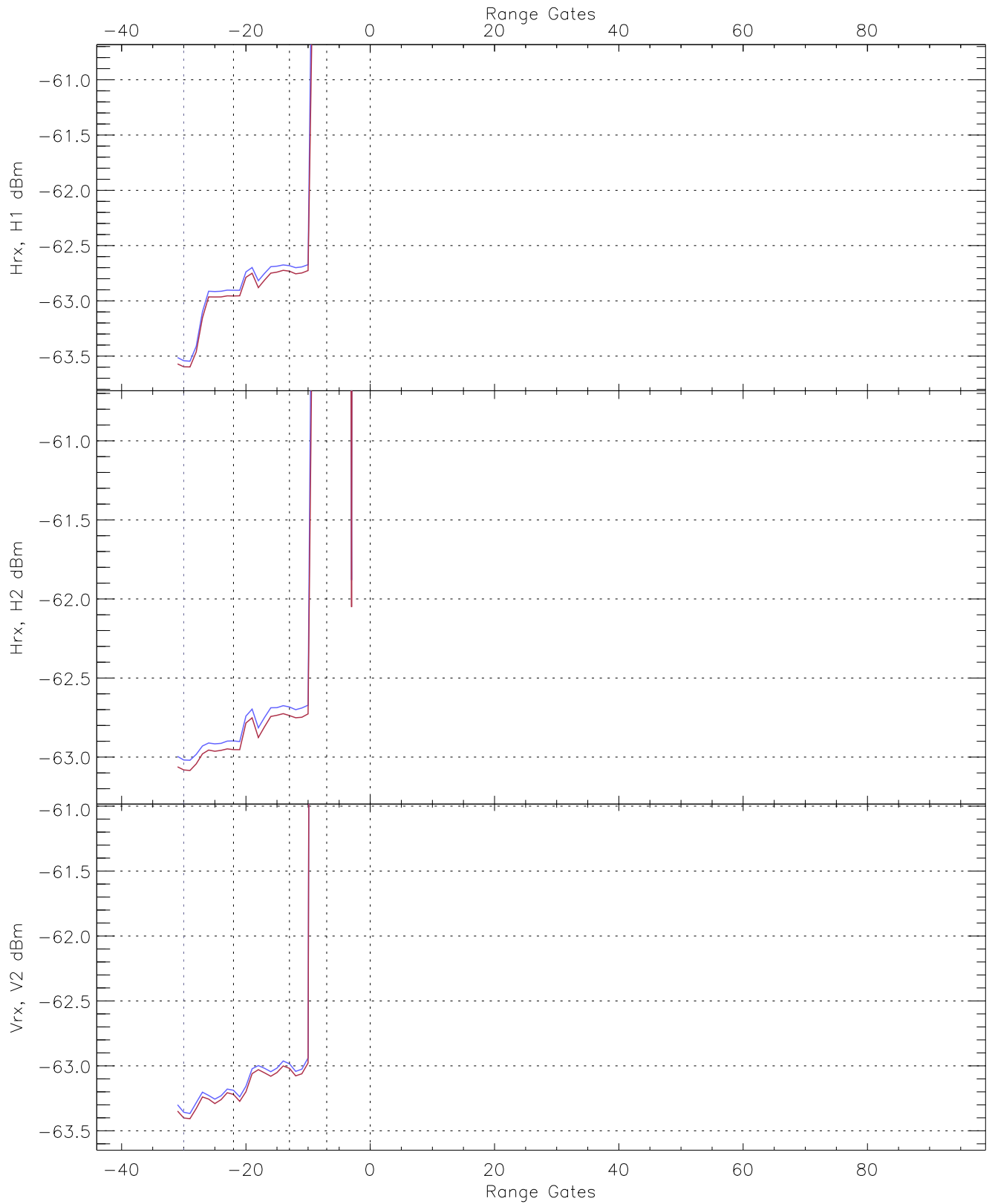
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG357_0 [dBm]	-64.66	-62.68	-63.58	-63.59	-76.24
H2RG357_0 [dBm]	-64.06	-62.16	-63.06	-63.07	-75.71
V2RG369_0 [dBm]	-64.48	-62.45	-63.43	-63.43	-76.05

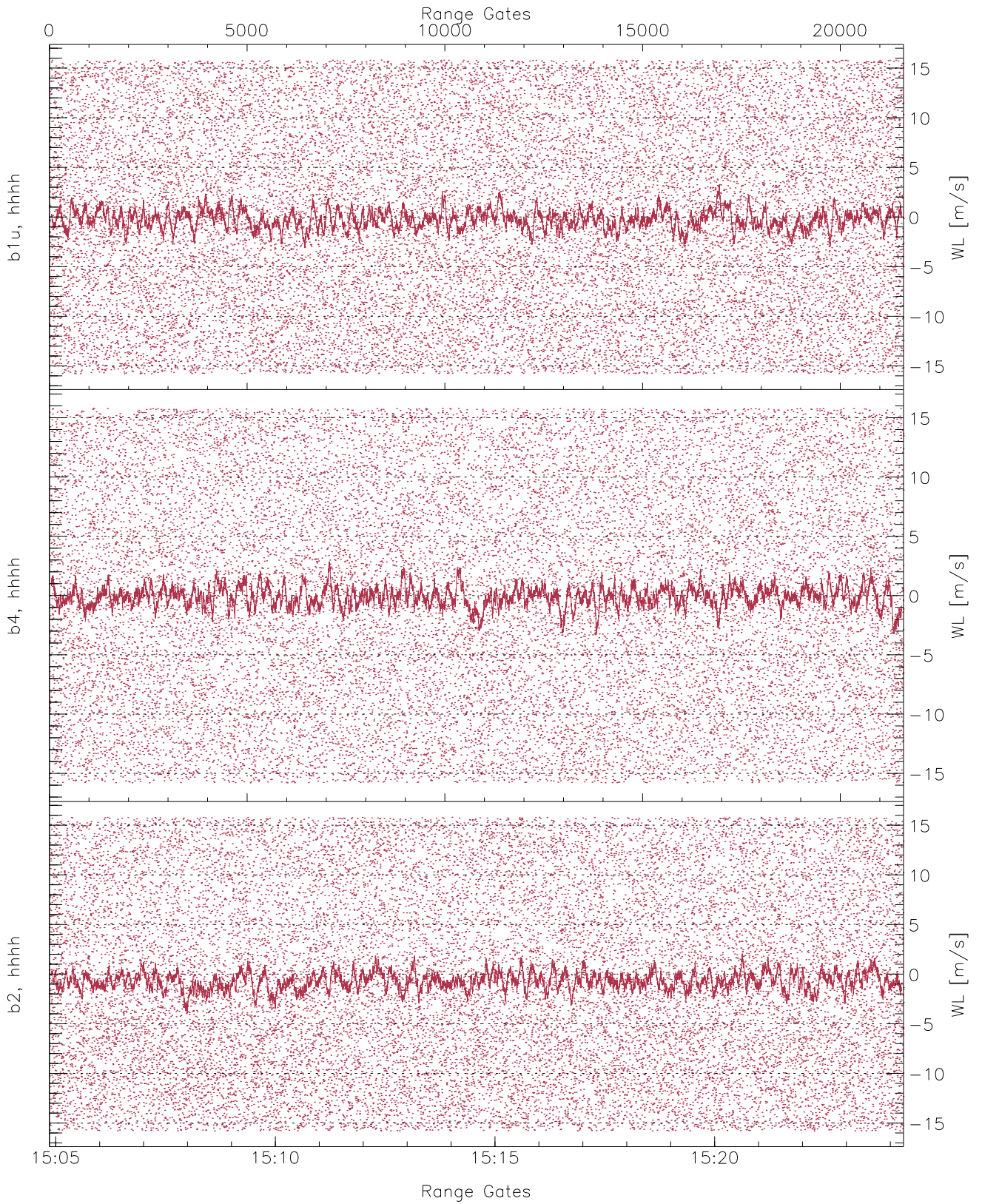


WCR2 CPP Averaged Received power for all recorded gates  
blue: 150451-151435, 10801 profiles averaged  
red: 151435-152418, 10800 profiles averaged

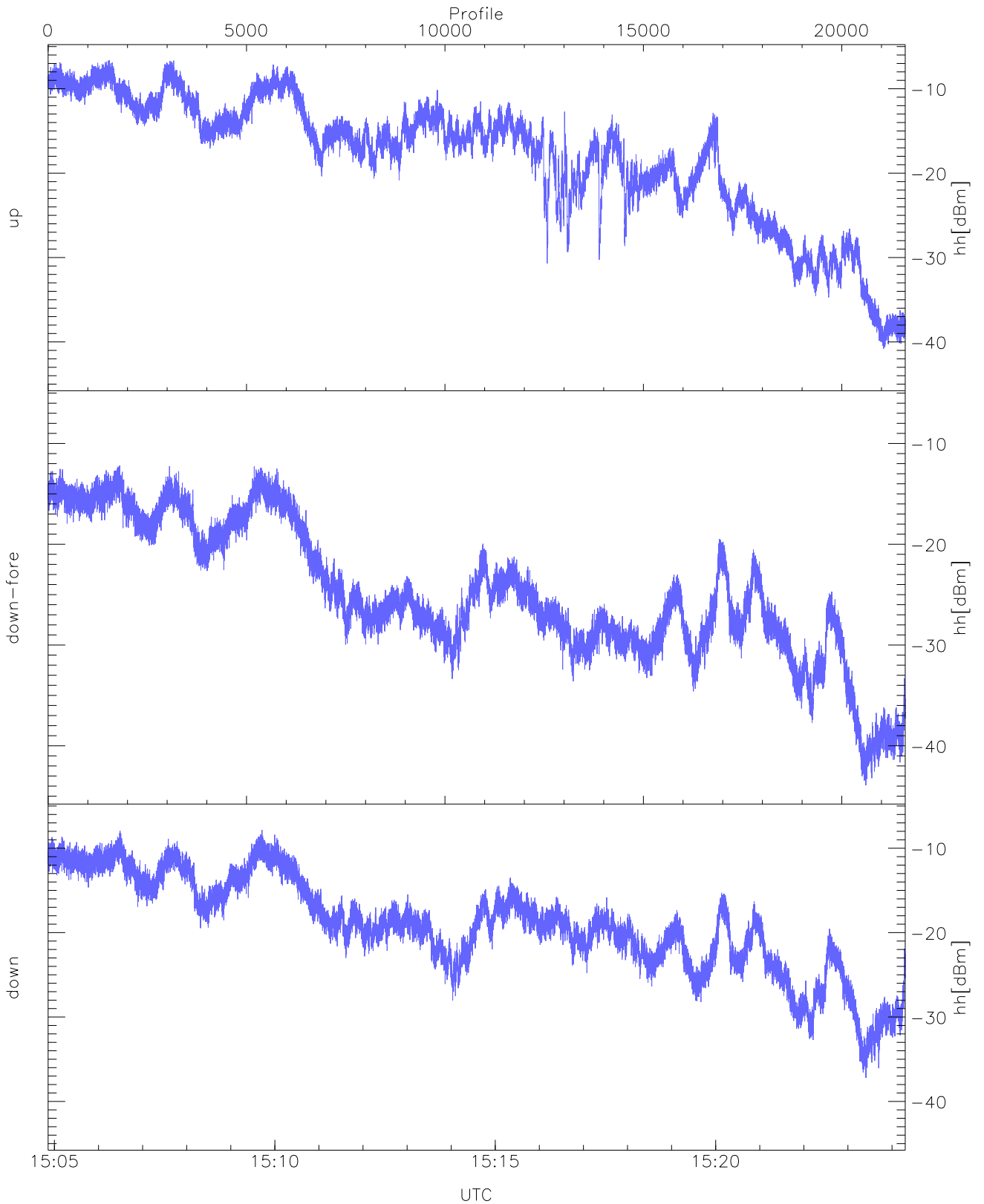




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 150451-151435, 10801 profiles averaged  
red: 151435-152418, 10800 profiles averaged

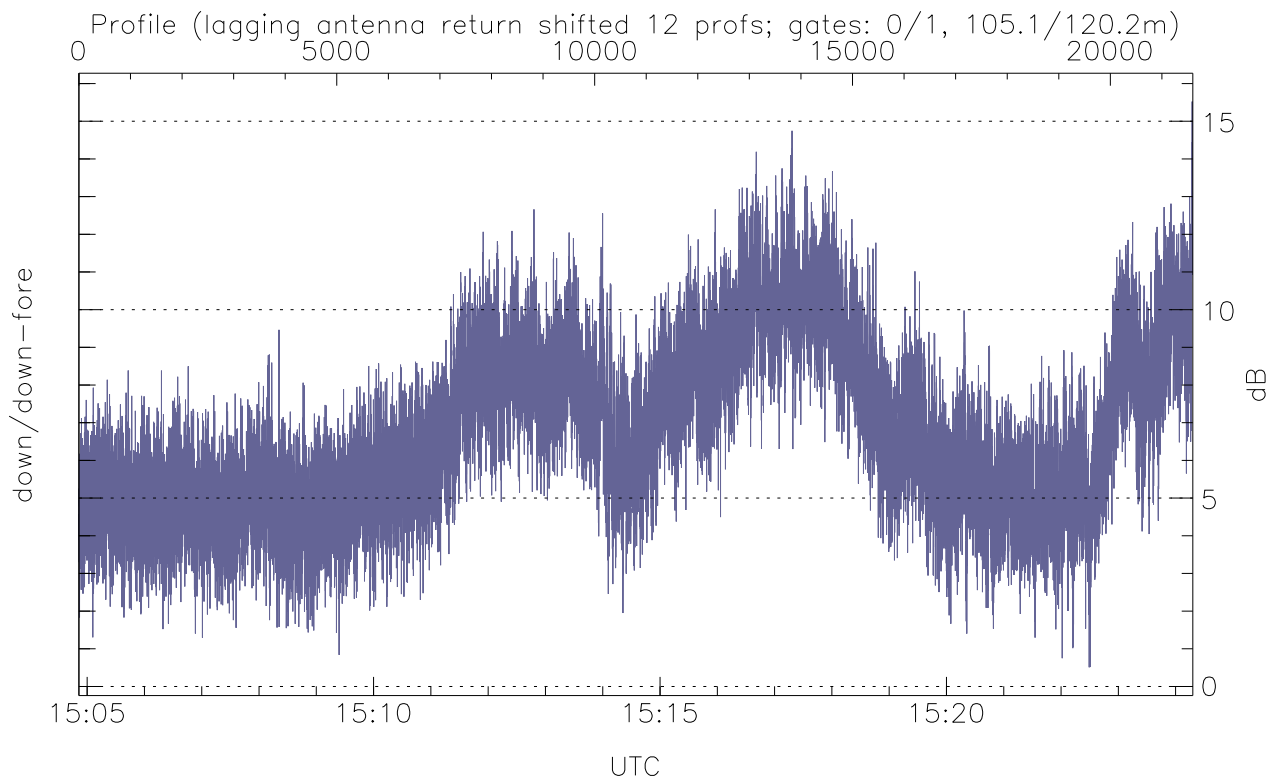
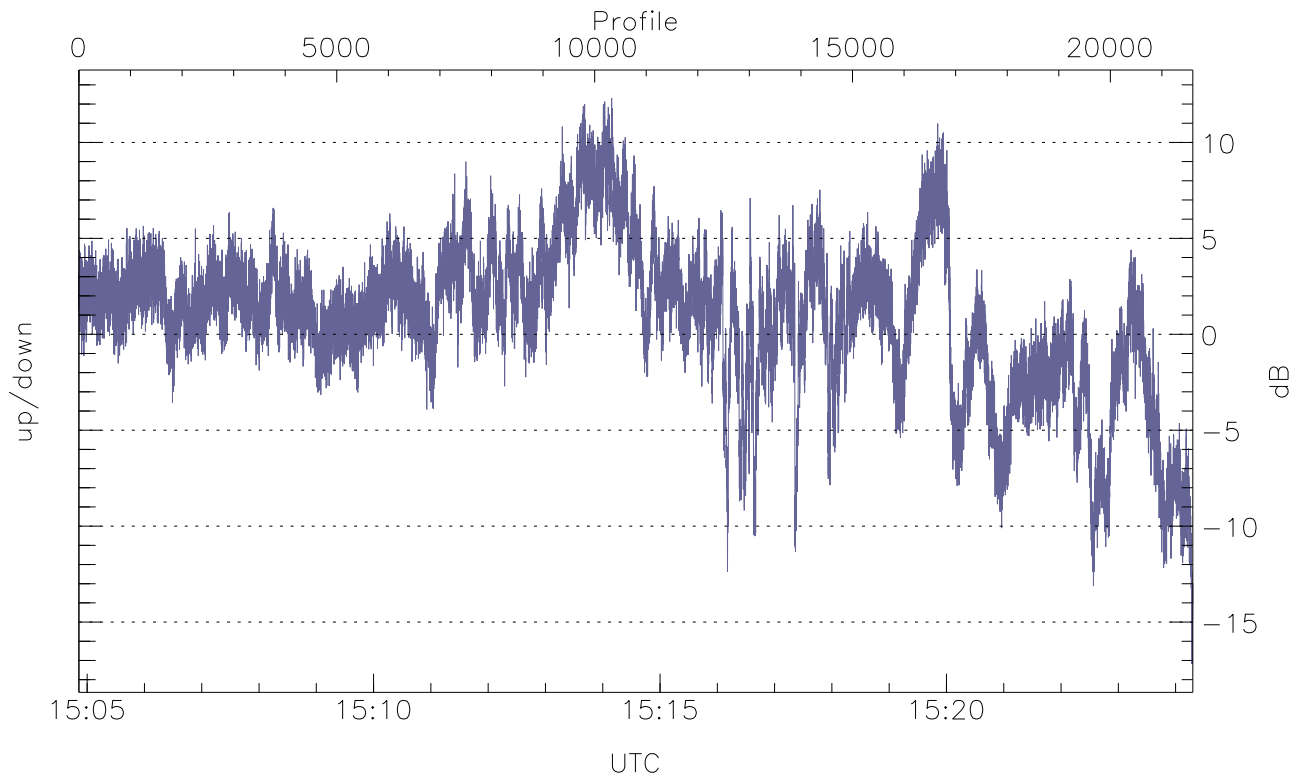


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



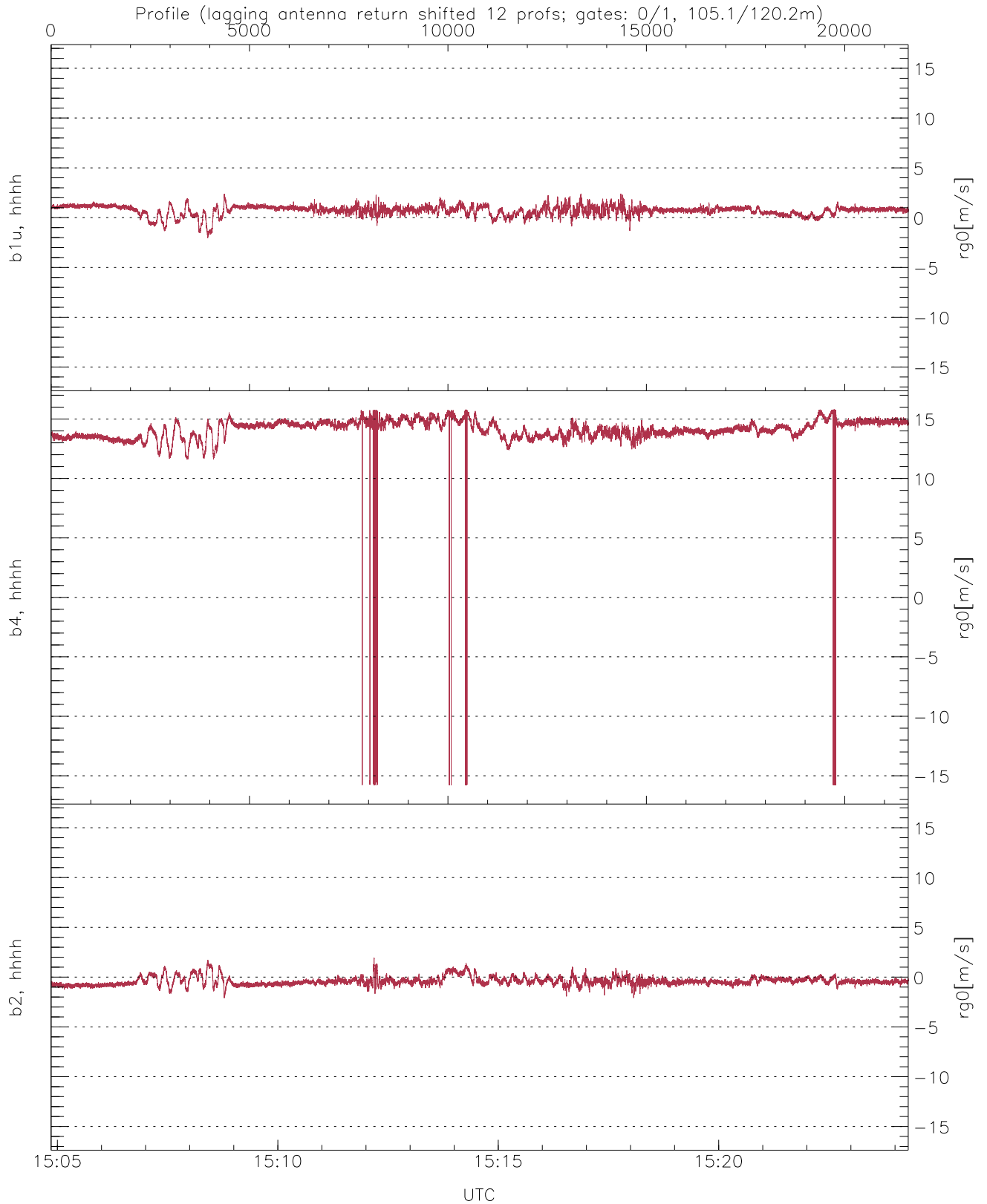
WCR2 CPP Received Power Products for Range gate 0 (105.1 m)

	Min	Max	Mean
up(hh[dBm])	-40.81	-6.63	-14.14
down-fore(hh[dBm])	-43.92	-12.18	-20.52
down(hh[dBm])	-37.21	-7.83	-16.08



WCR2 Beam pairs Received Power Ratio(s); RangeGate: 0 (105 m)

	Min	Max	Mean
up/down (dB)	-17.19	12.30	0.90
down/down-fore (dB)	0.51	15.52	6.77



WCR2 CPP Doppler Velocity Products at 105.1 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg0[m/s])	-2.07	2.41	0.72	0.50
b4, hhhh(rg0[m/s])	-15.80	15.80	13.98	2.26
b2, hhhh(rg0[m/s])	-2.11	1.94	-0.40	0.42