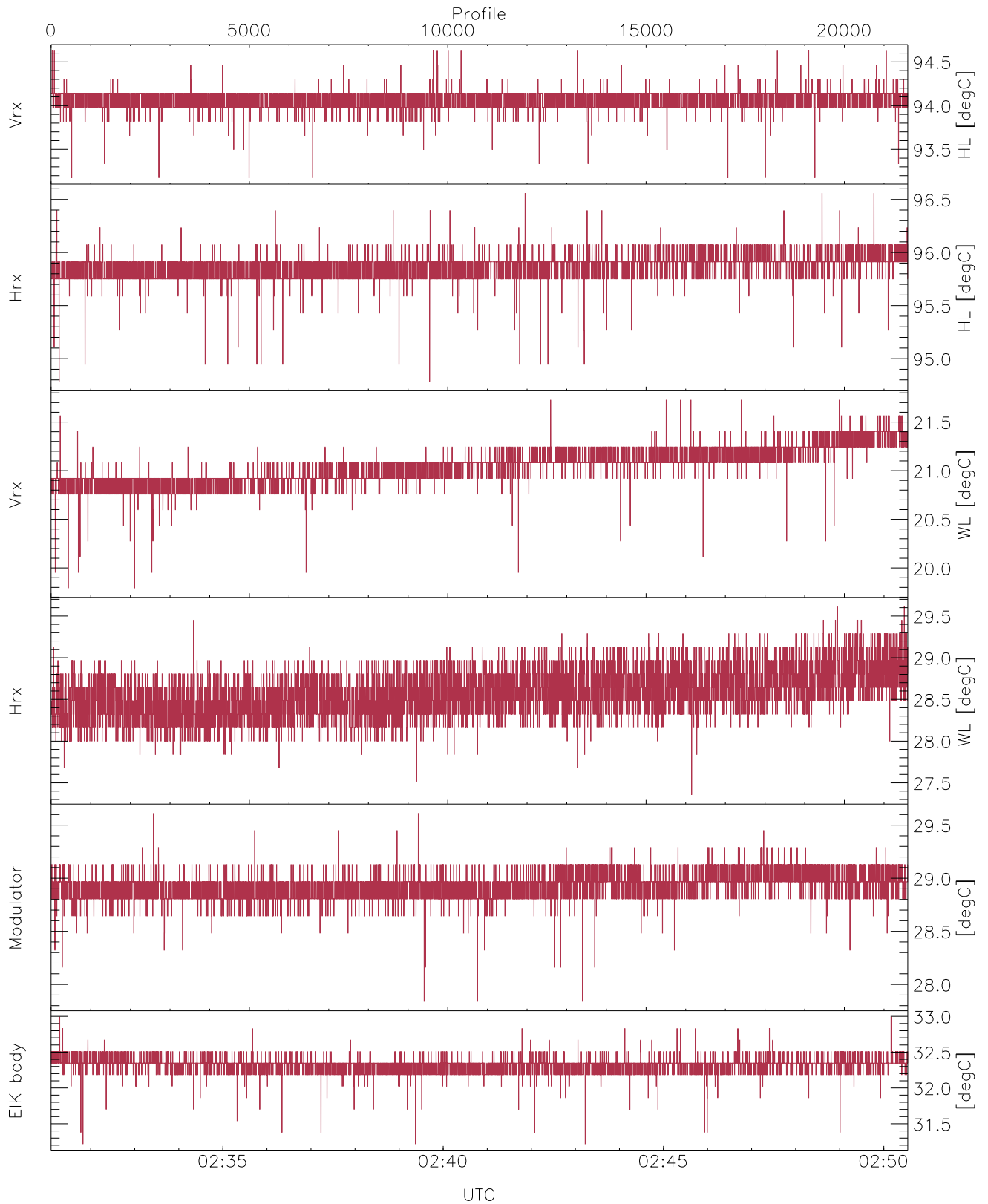


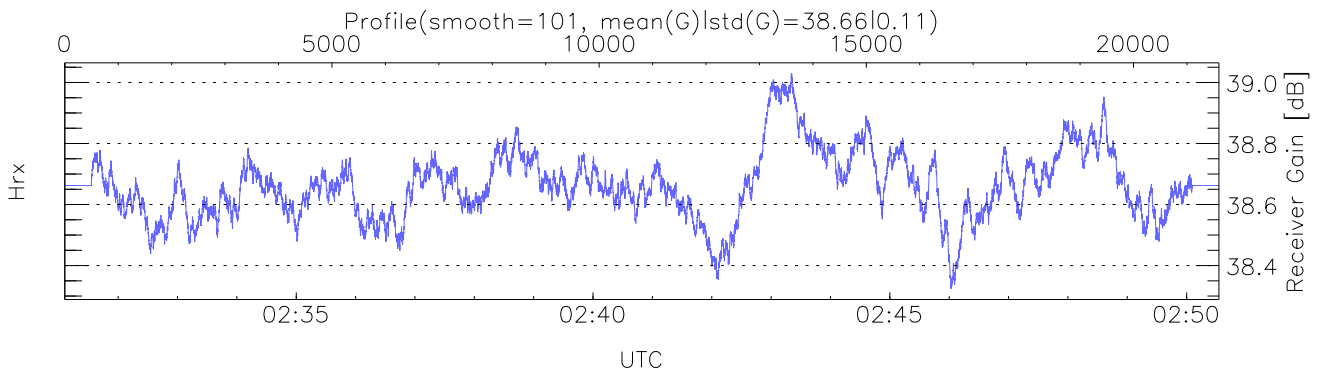
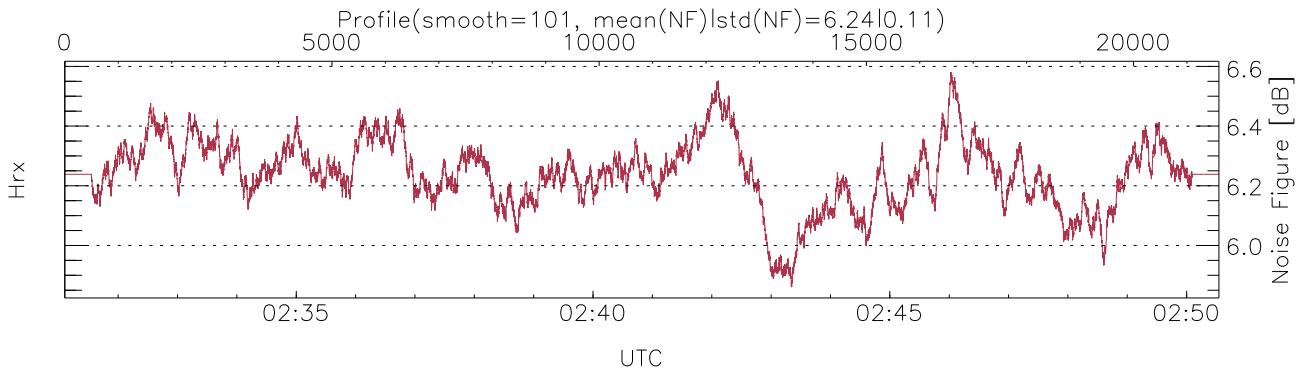
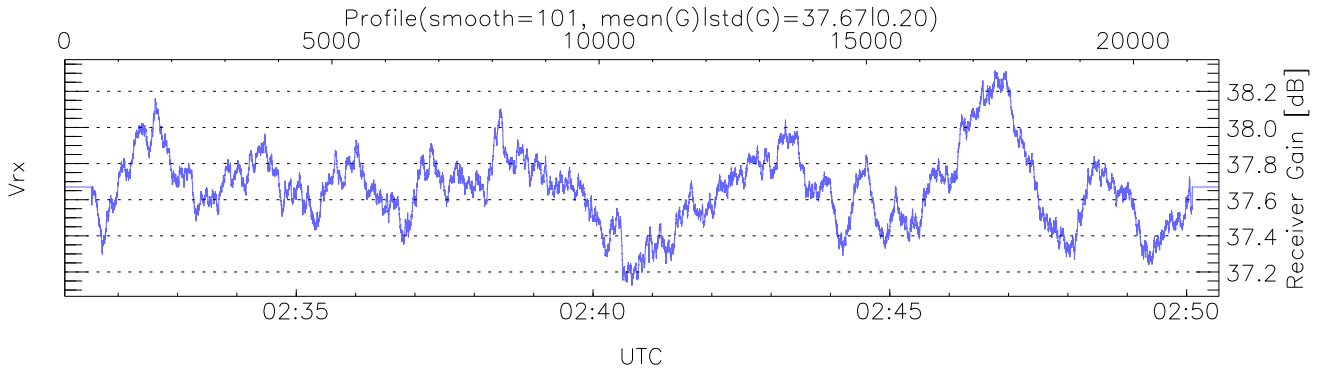
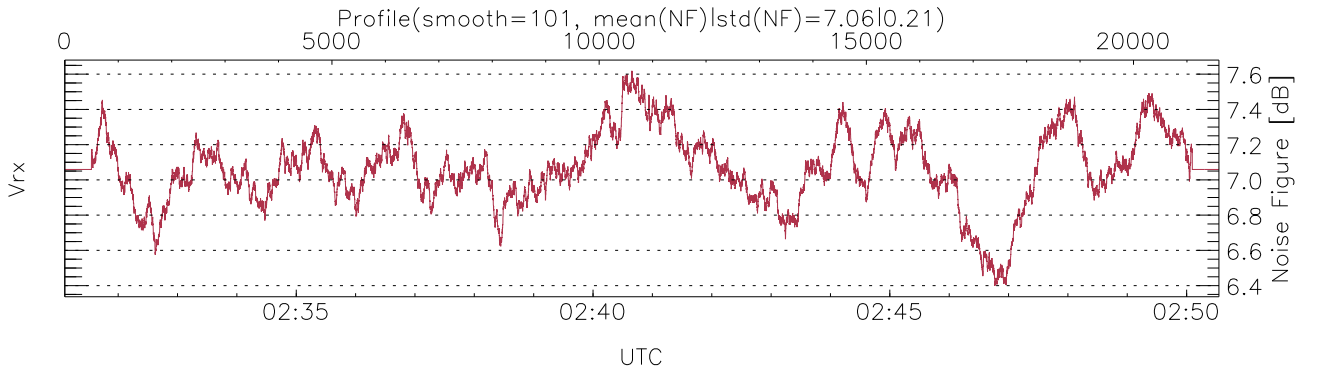
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 02:31:06-02:56:51, Dur: 1544.89s  
 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): 21600/28603, 0-21599/02:31:06-02:50:33  
 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



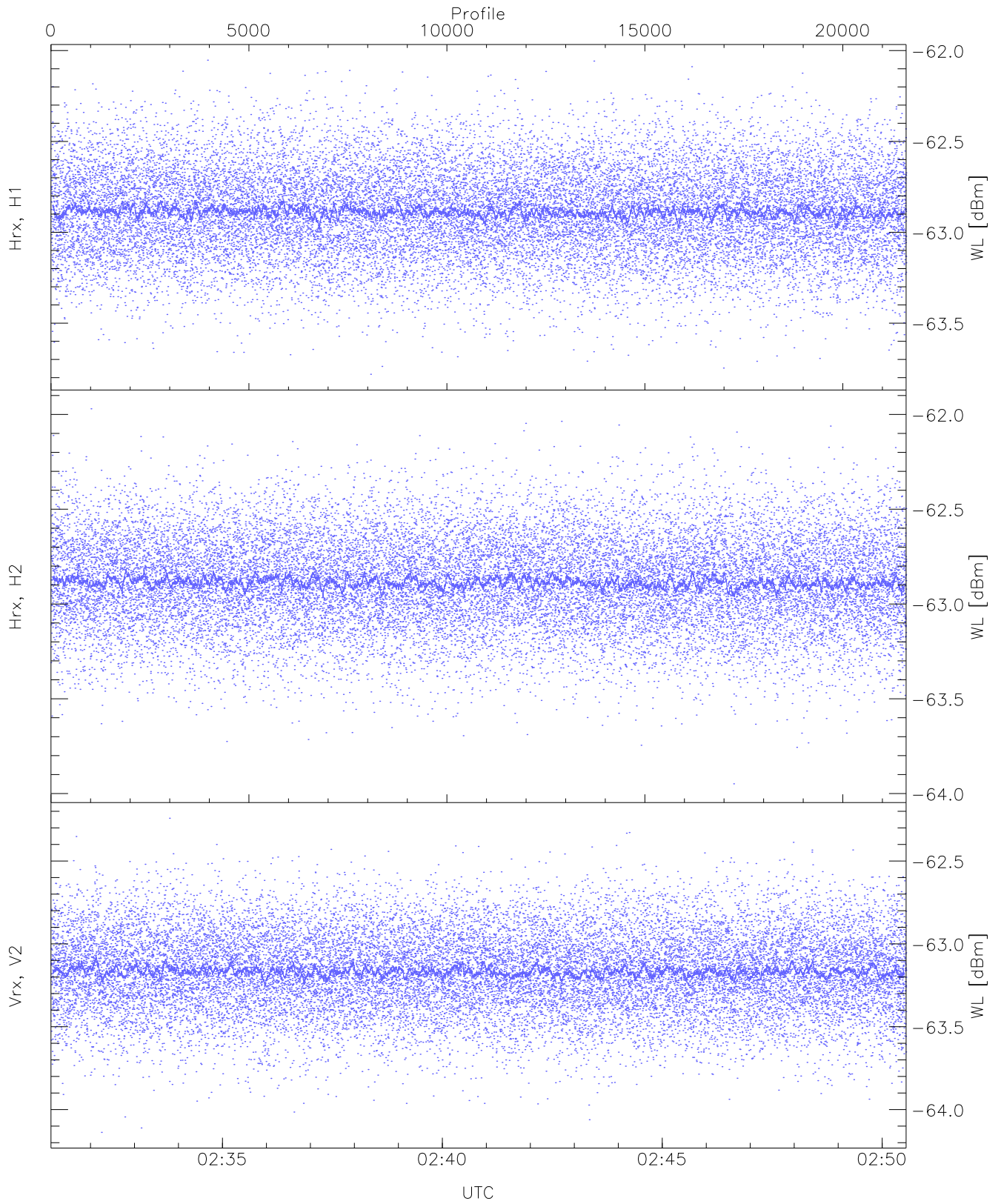
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,19,27,27,31  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,21,29,29,32  
LOalarm(20,80,240,2.8,14.8 MHz): None  
EIK Faults(# prof affected):  
DeckT, CollT, BodyCurr, DeckF, OverDuty, HVPS (20,20,20,20,20,15)



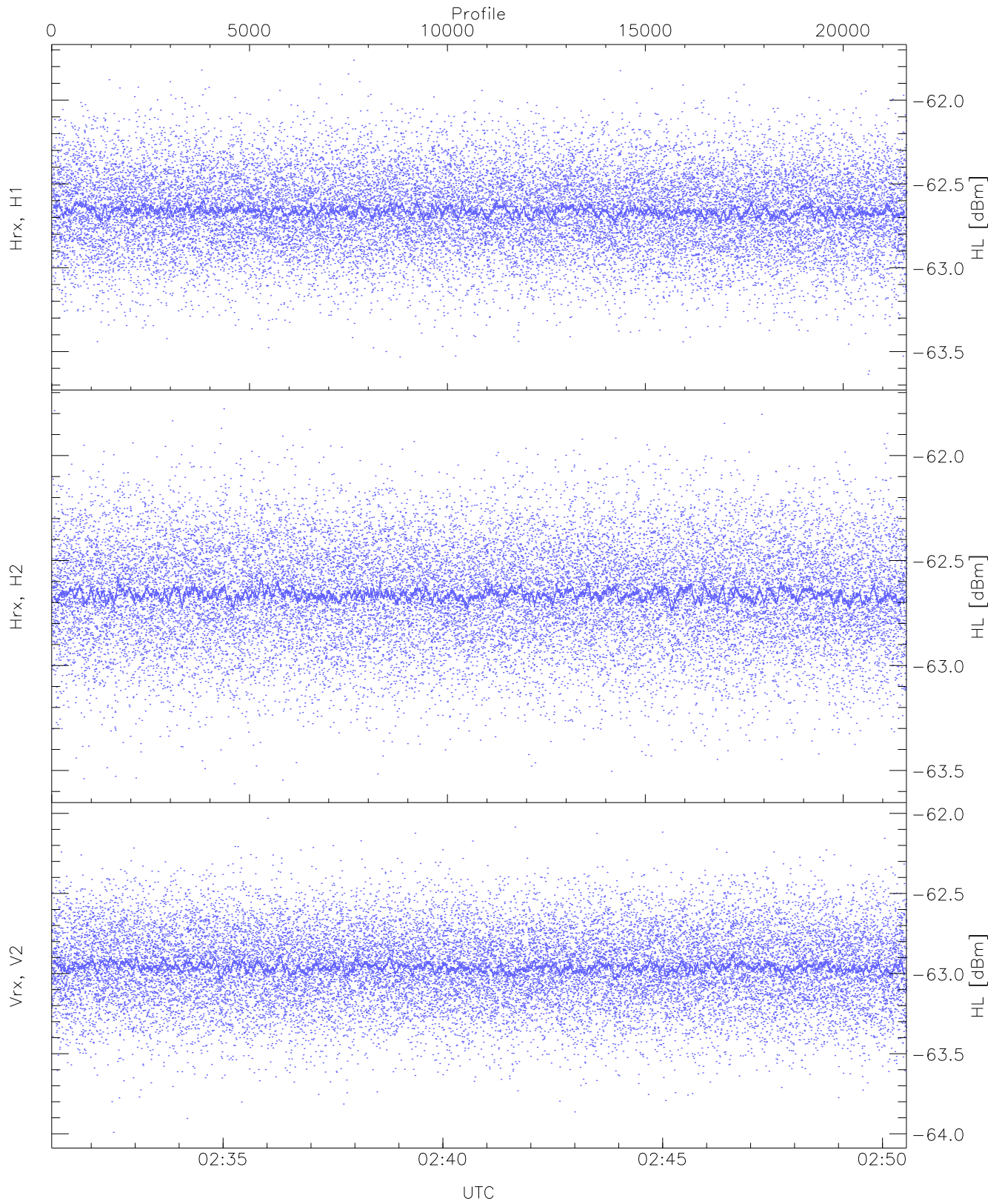
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 1143 pixs, 40 gates, 1142 profs, 1 prods



WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

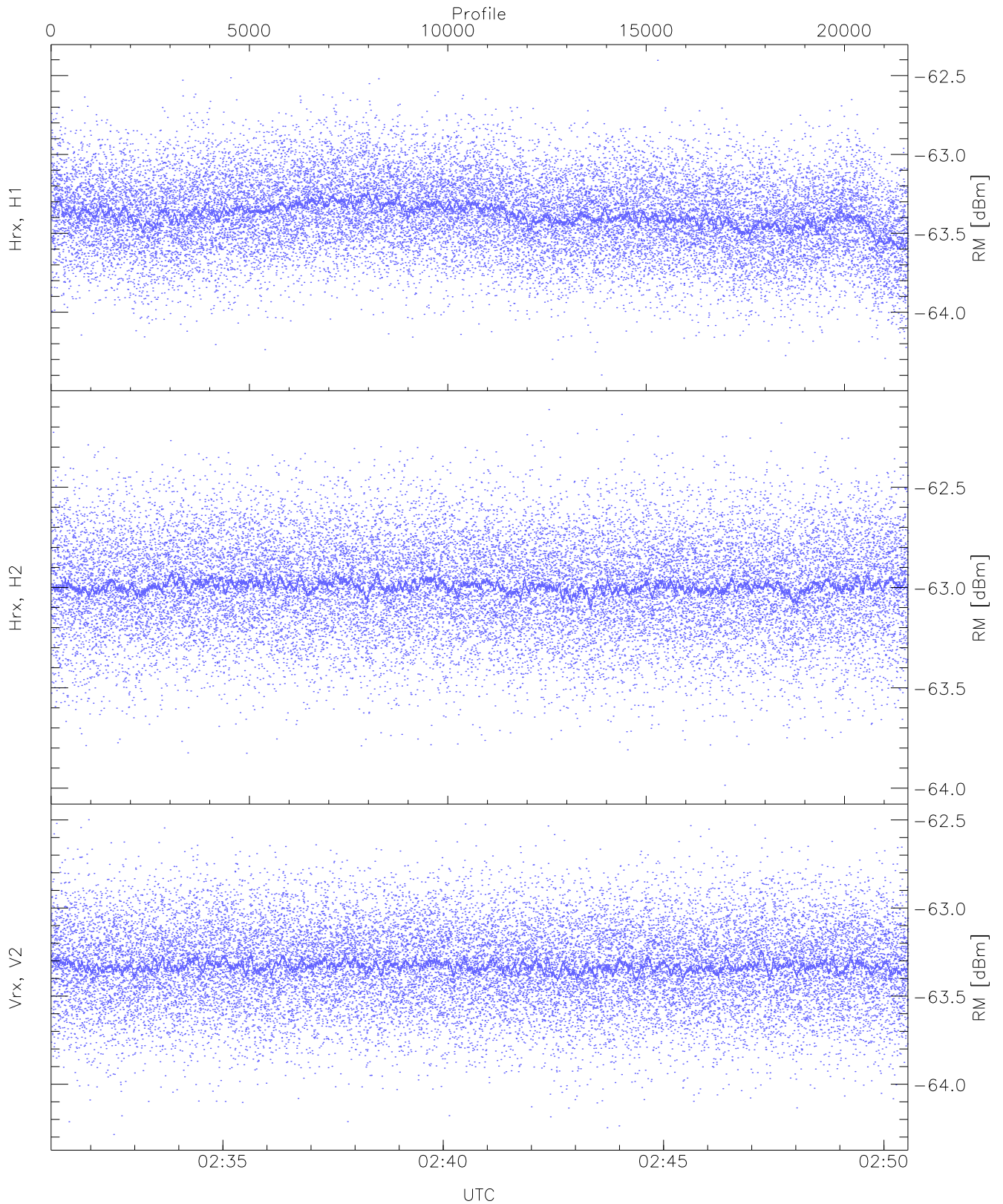
	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.78	-62.05	-62.88	-62.89	-75.59
Hrx, H2(WL [dBm])	-63.95	-61.97	-62.88	-62.89	-75.60
Vrx, V2(WL [dBm])	-64.14	-62.24	-63.16	-63.17	-75.88



WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

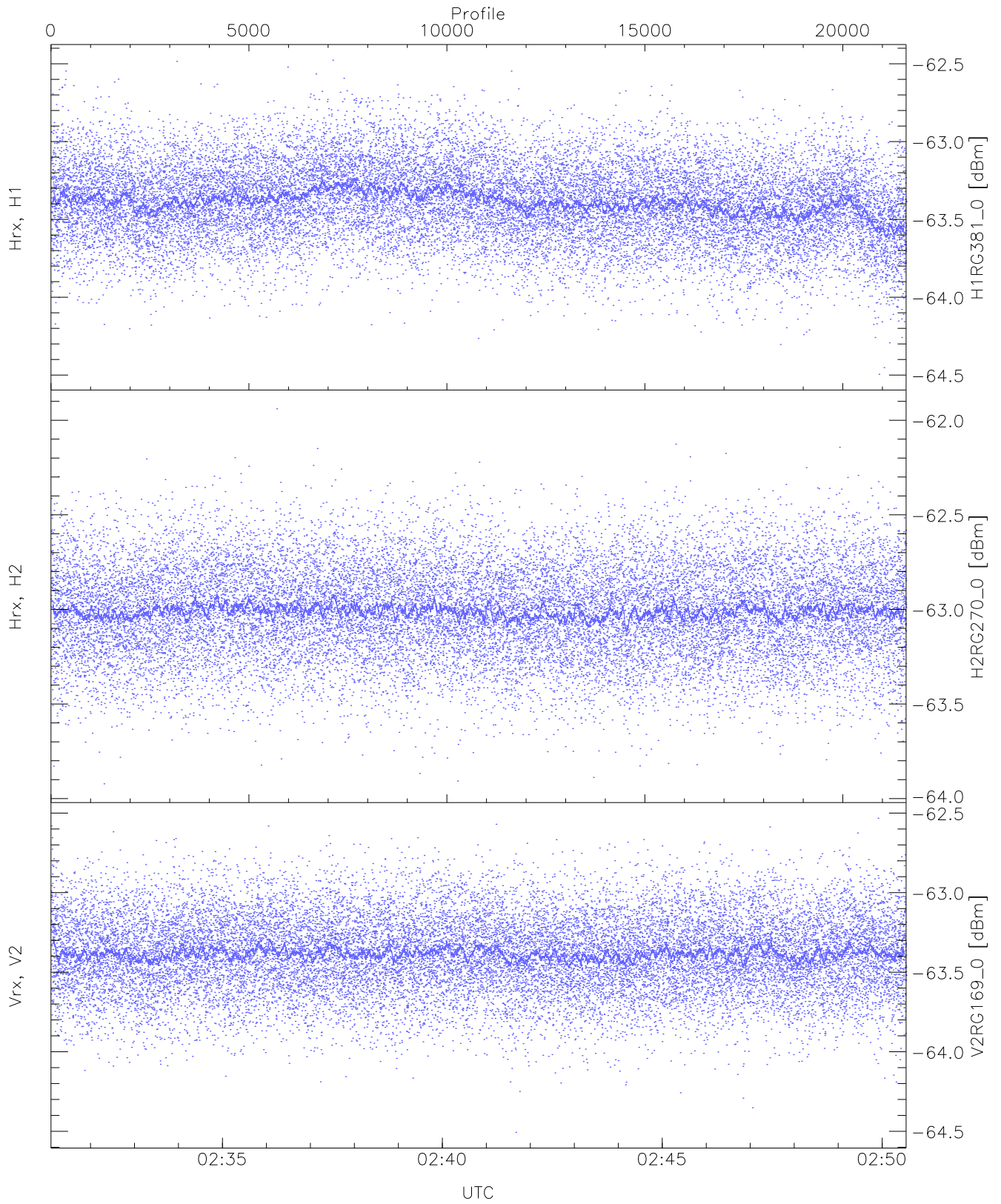
	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.64	-61.76	-62.66	-62.66	-75.39
Hrx, H2 (HL [dBm])	-63.56	-61.78	-62.66	-62.66	-75.35
Vrx, V2 (HL [dBm])	-63.99	-62.03	-62.96	-62.96	-75.65





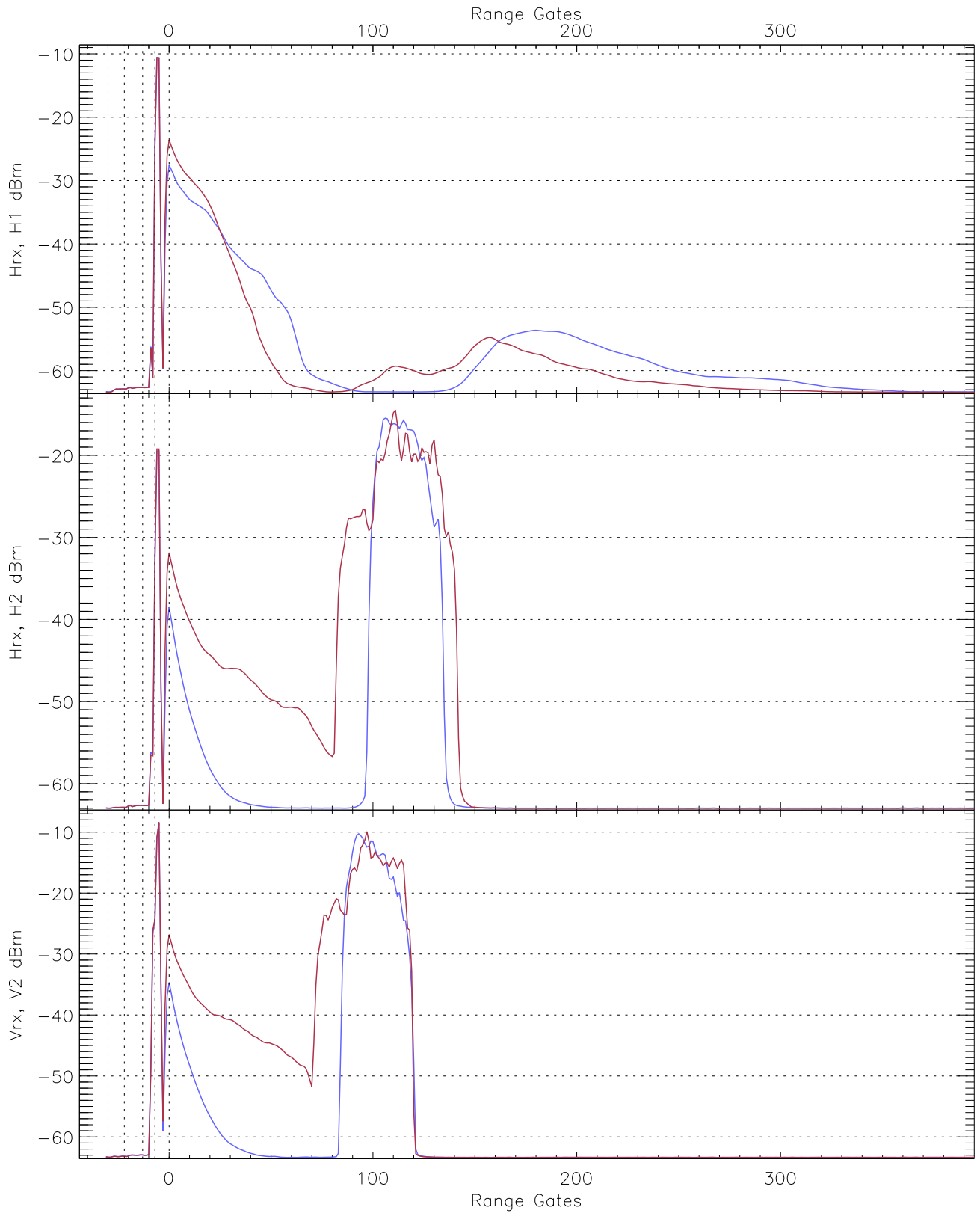
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.40	-62.40	-63.38	-63.39	-75.95
Hrx, H2 (RM [dBm])	-63.99	-62.11	-62.99	-62.99	-75.70
Vrx, V2 (RM [dBm])	-64.29	-62.50	-63.33	-63.33	-76.03



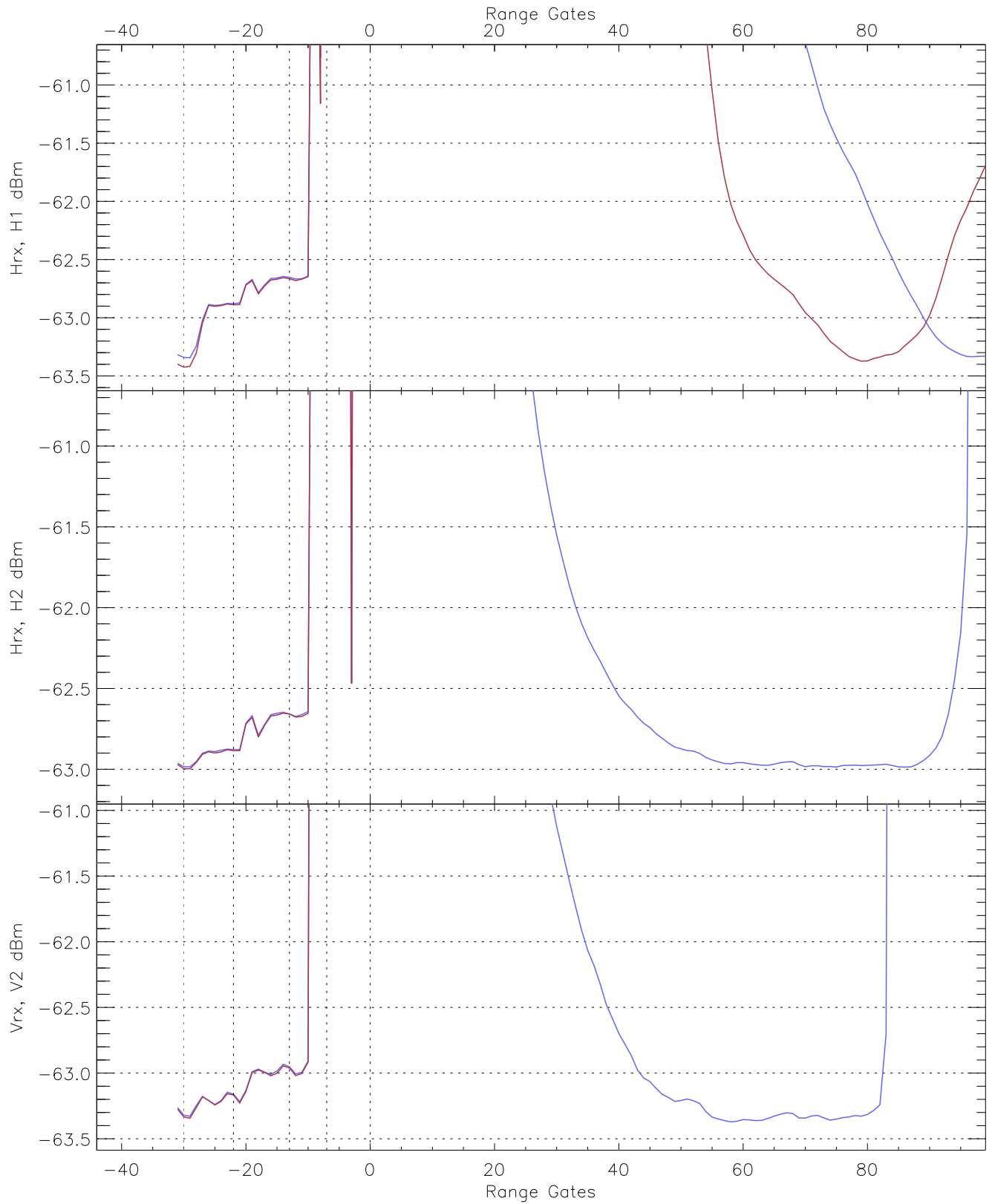
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG381_0 [dBm]	-64.50	-62.48	-63.39	-63.39	-75.95
H2RG270_0 [dBm]	-63.92	-61.94	-63.01	-63.01	-75.68
V2RG169_0 [dBm]	-64.51	-62.53	-63.38	-63.39	-76.05

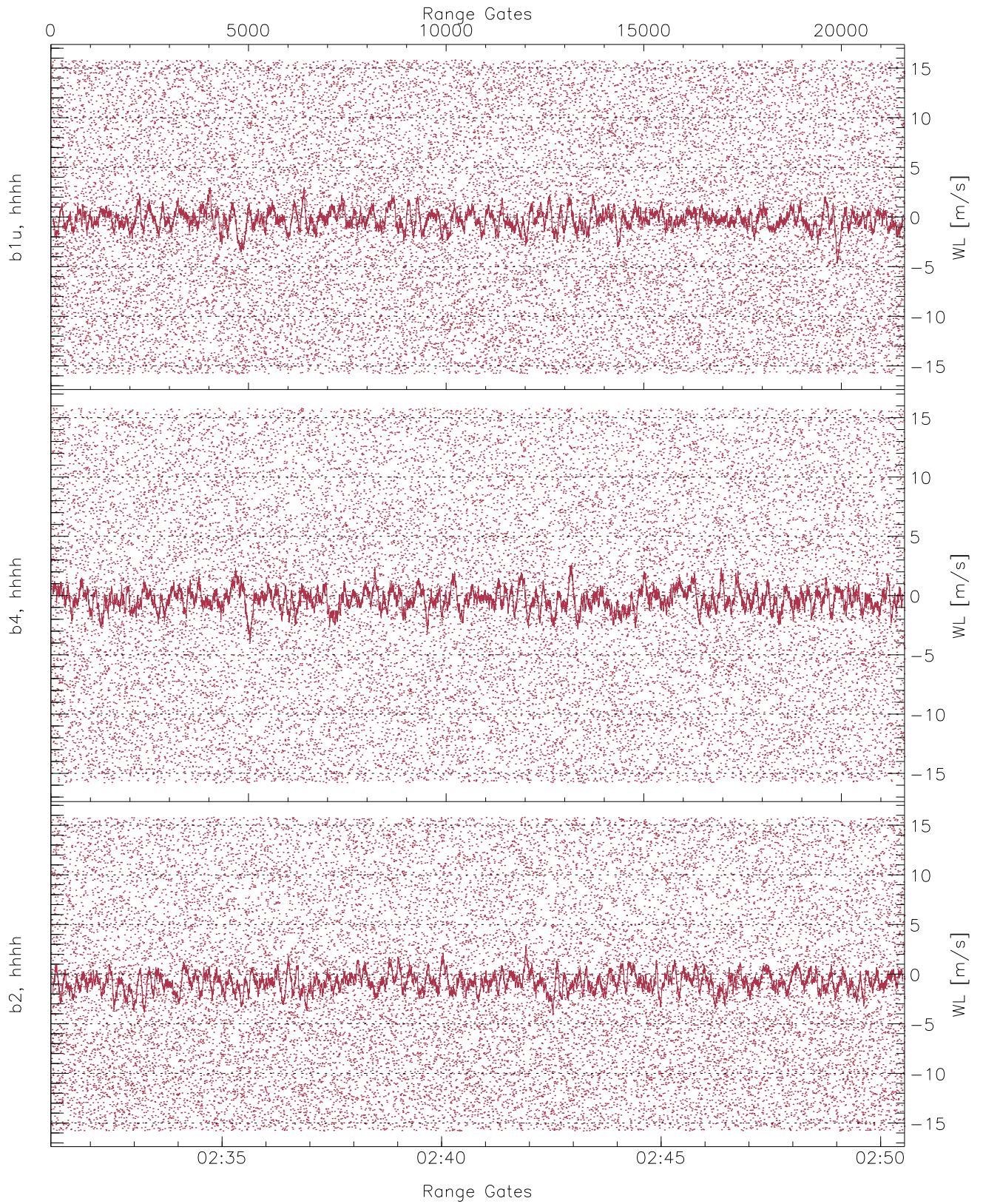


WCR2 CPP Averaged Received power for all recorded gates  
blue: 023106-024049, 10801 profiles averaged  
red: 024049-025033, 10800 profiles averaged

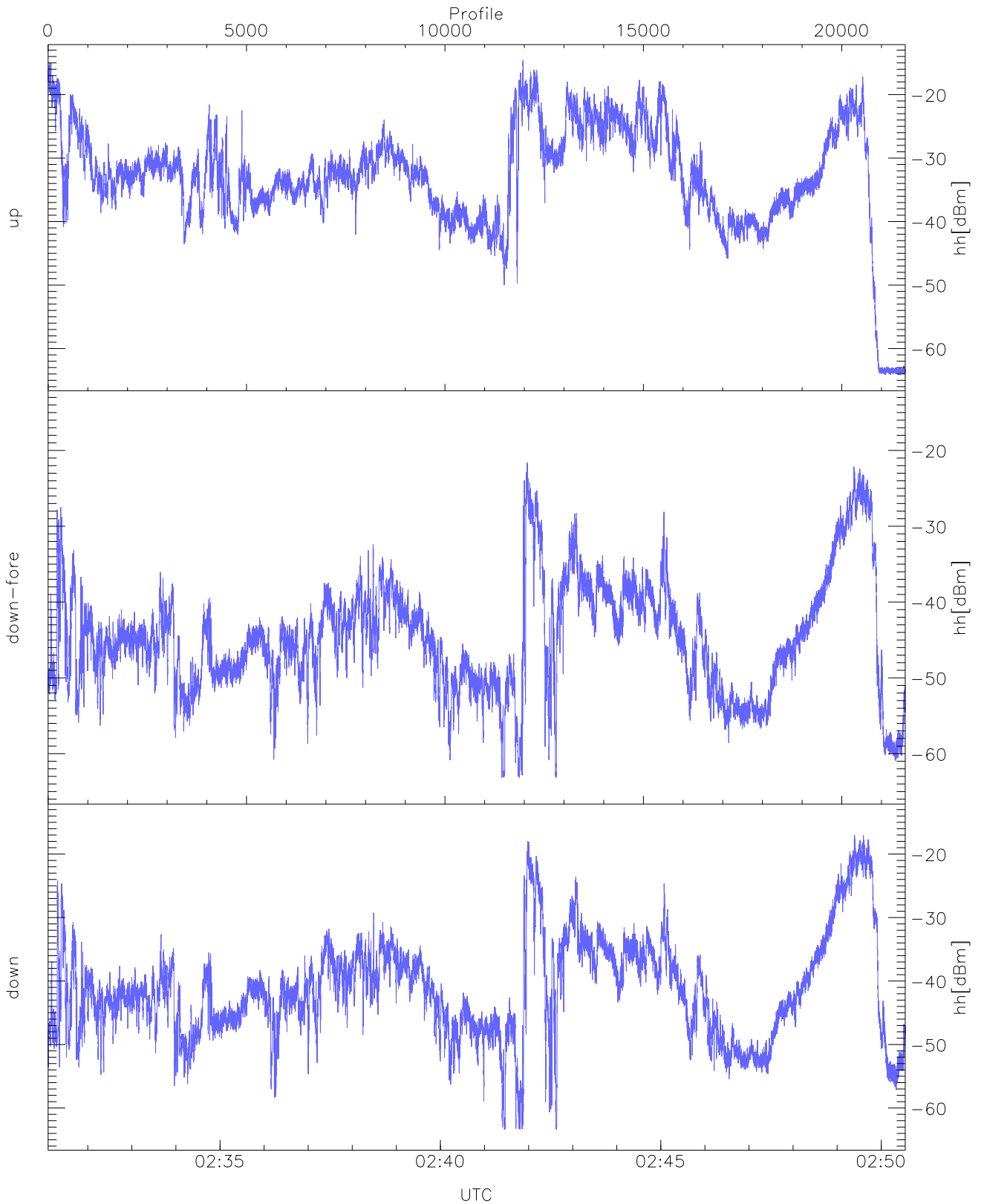




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 023106-024049, 10801 profiles averaged  
red: 024049-025033, 10800 profiles averaged

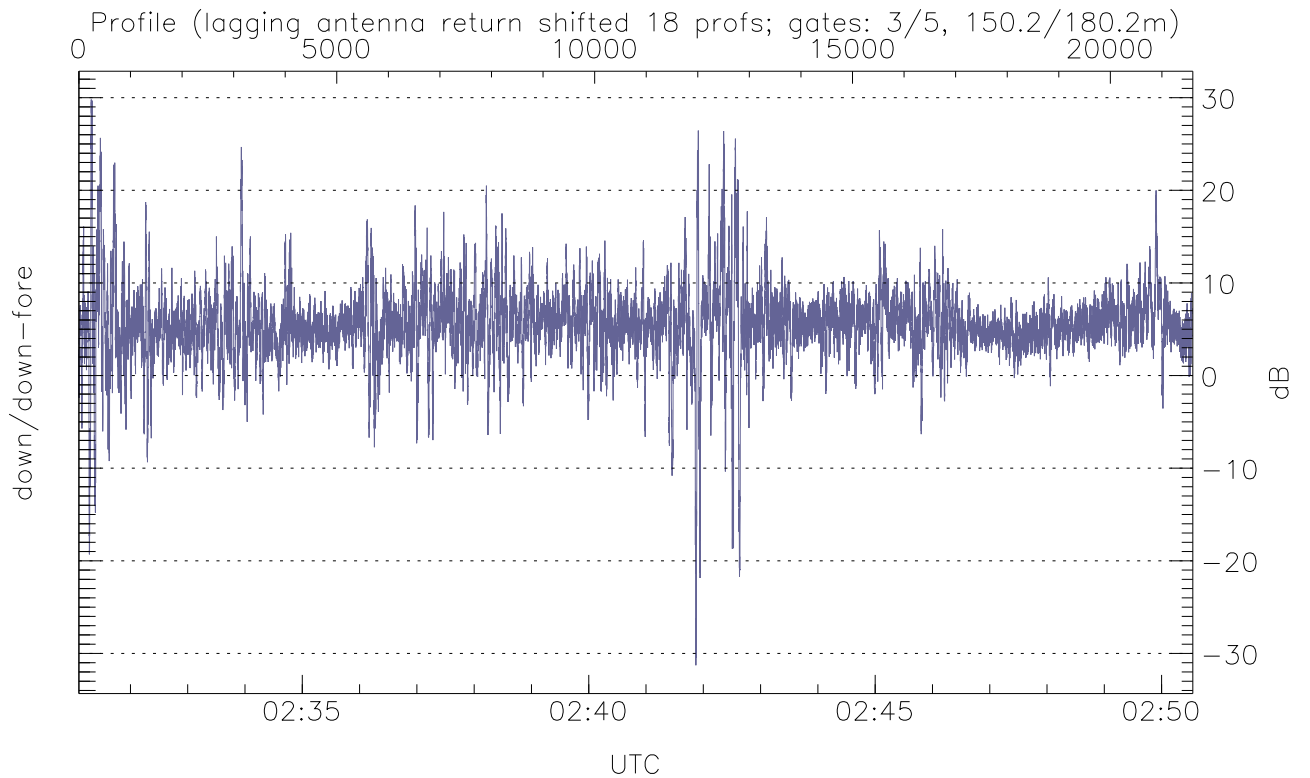
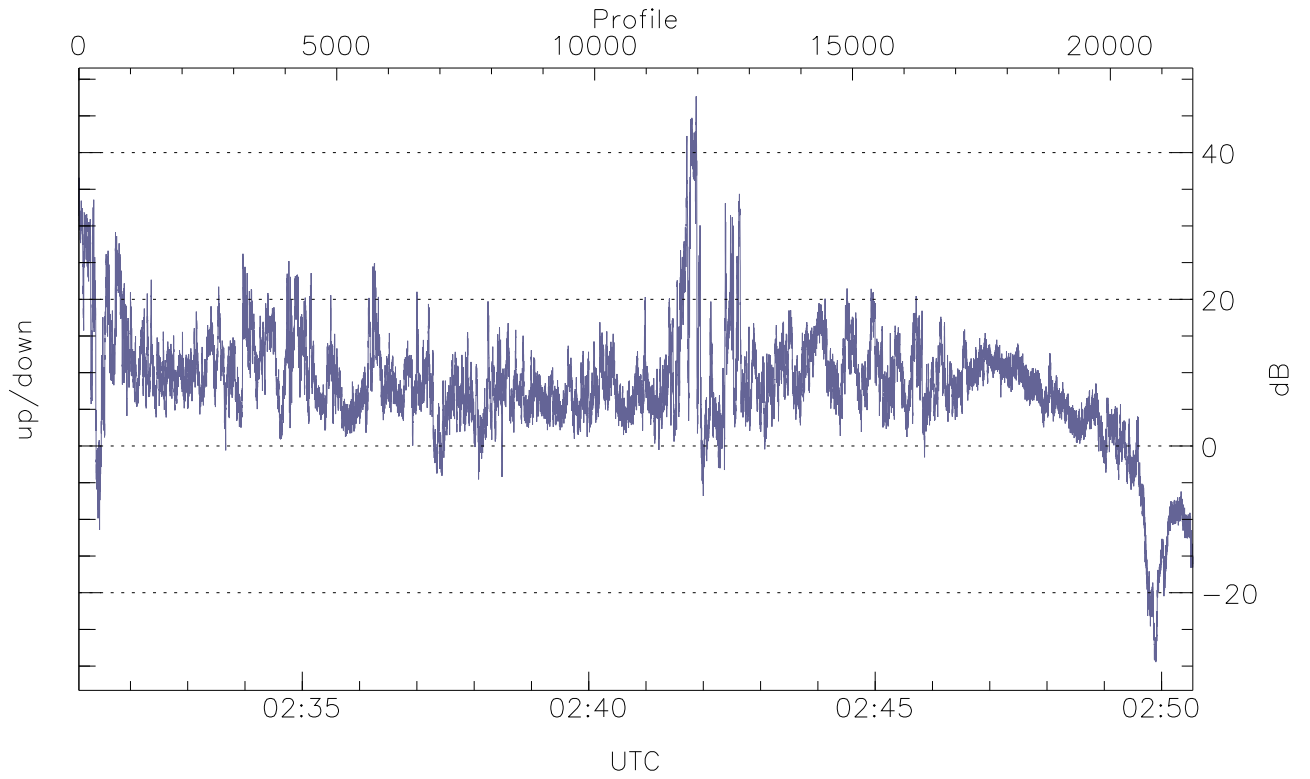


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



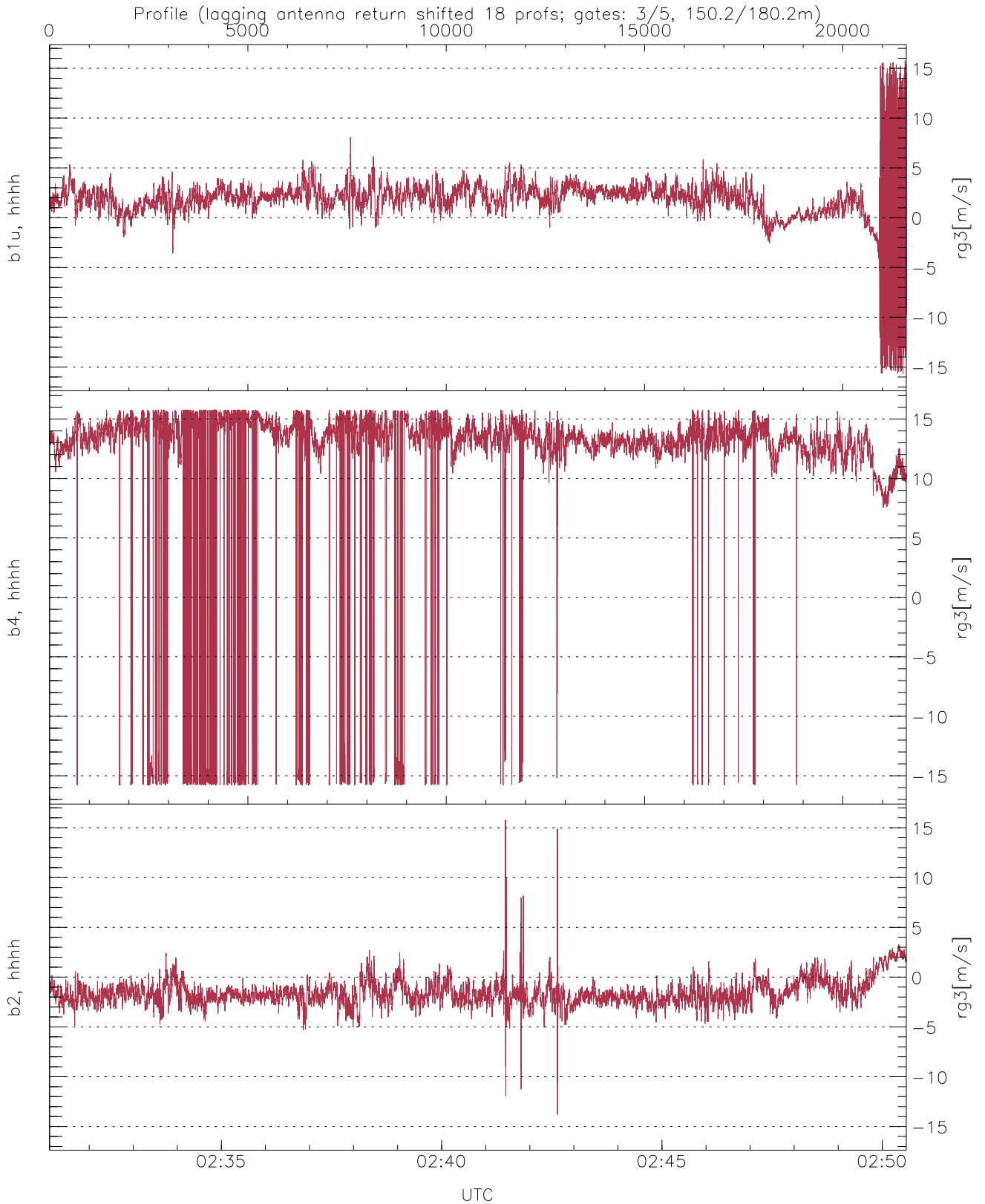
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-64.17	-14.60	-27.56
down-fore(hh[dBm])	-63.20	-21.59	-37.50
down(hh[dBm])	-63.41	-17.02	-32.90



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

	Min	Max	Mean
up/down (dB)	-29.45	47.67	8.24
down/down-fore (dB)	-31.28	29.80	5.59



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.67	15.75	1.82	2.03
b4, hhhh(rg3[m/s])	-15.80	15.80	11.39	7.50
b2, hhhh(rg3[m/s])	-13.80	15.79	-1.57	1.26