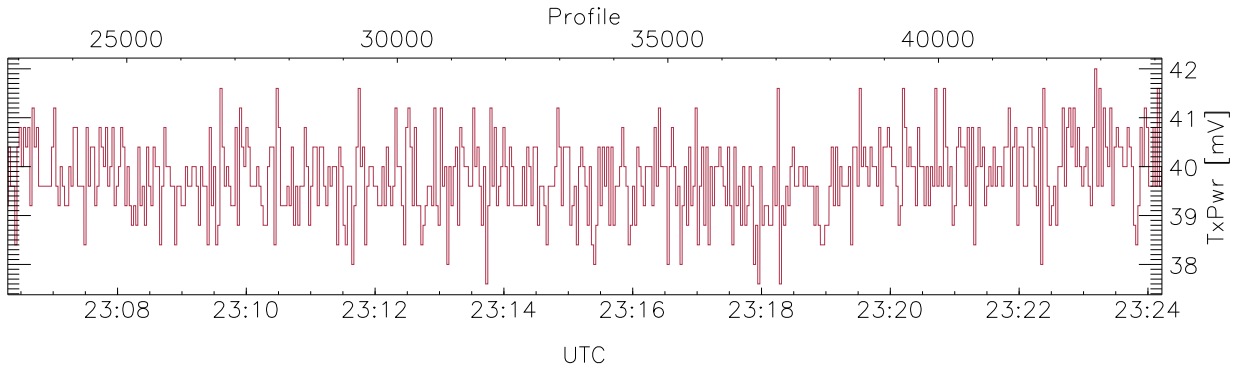
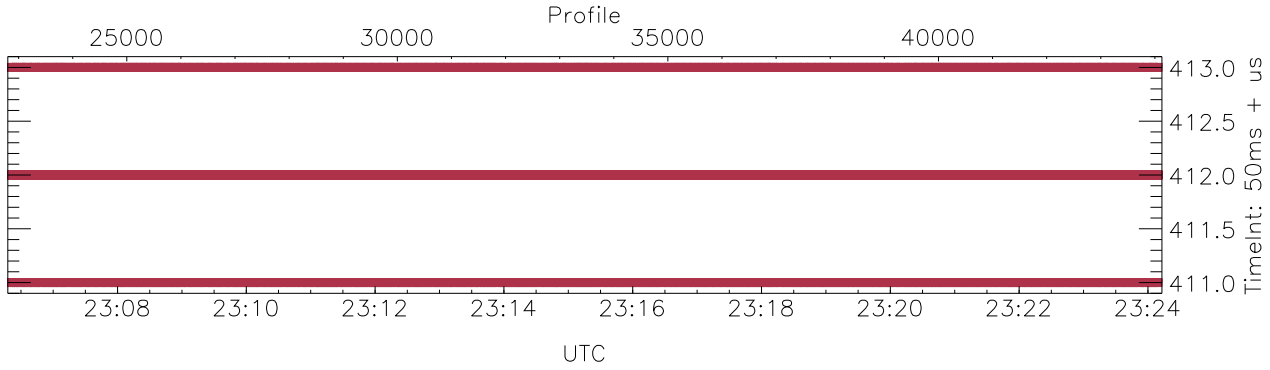
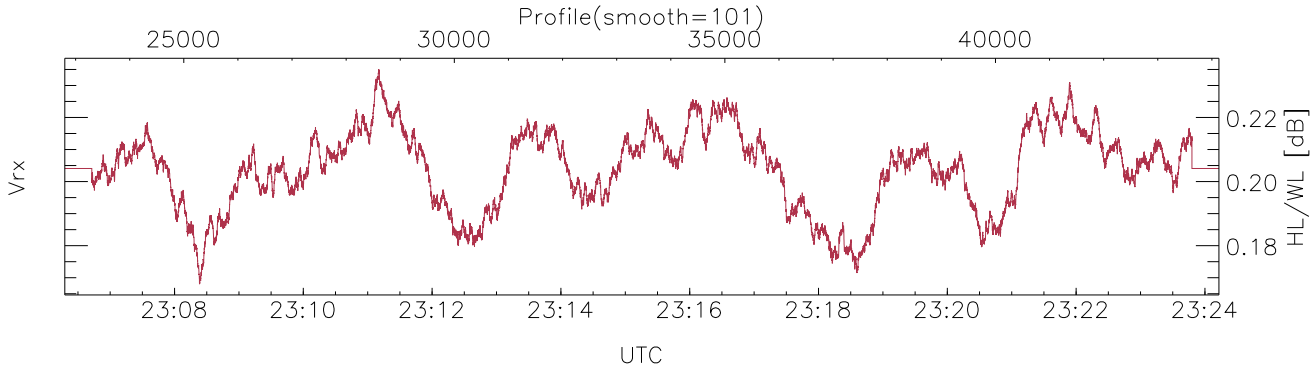
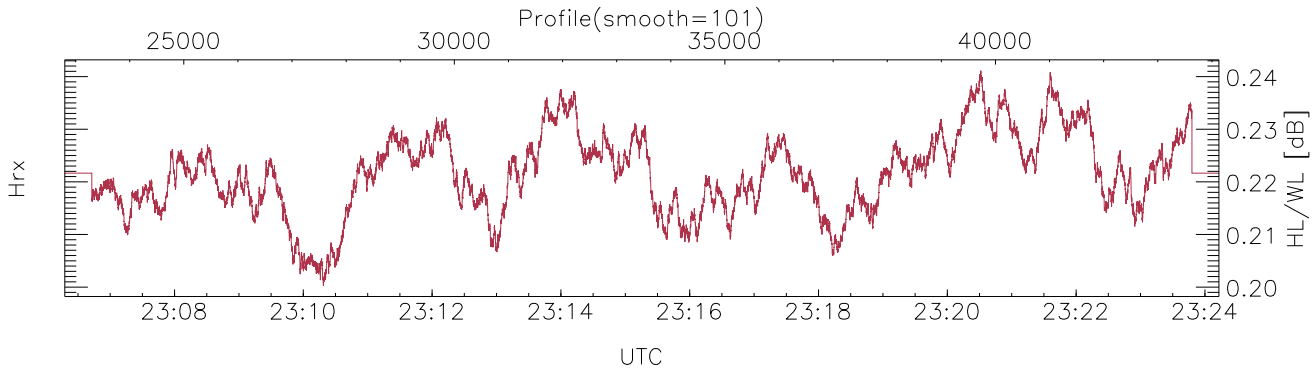


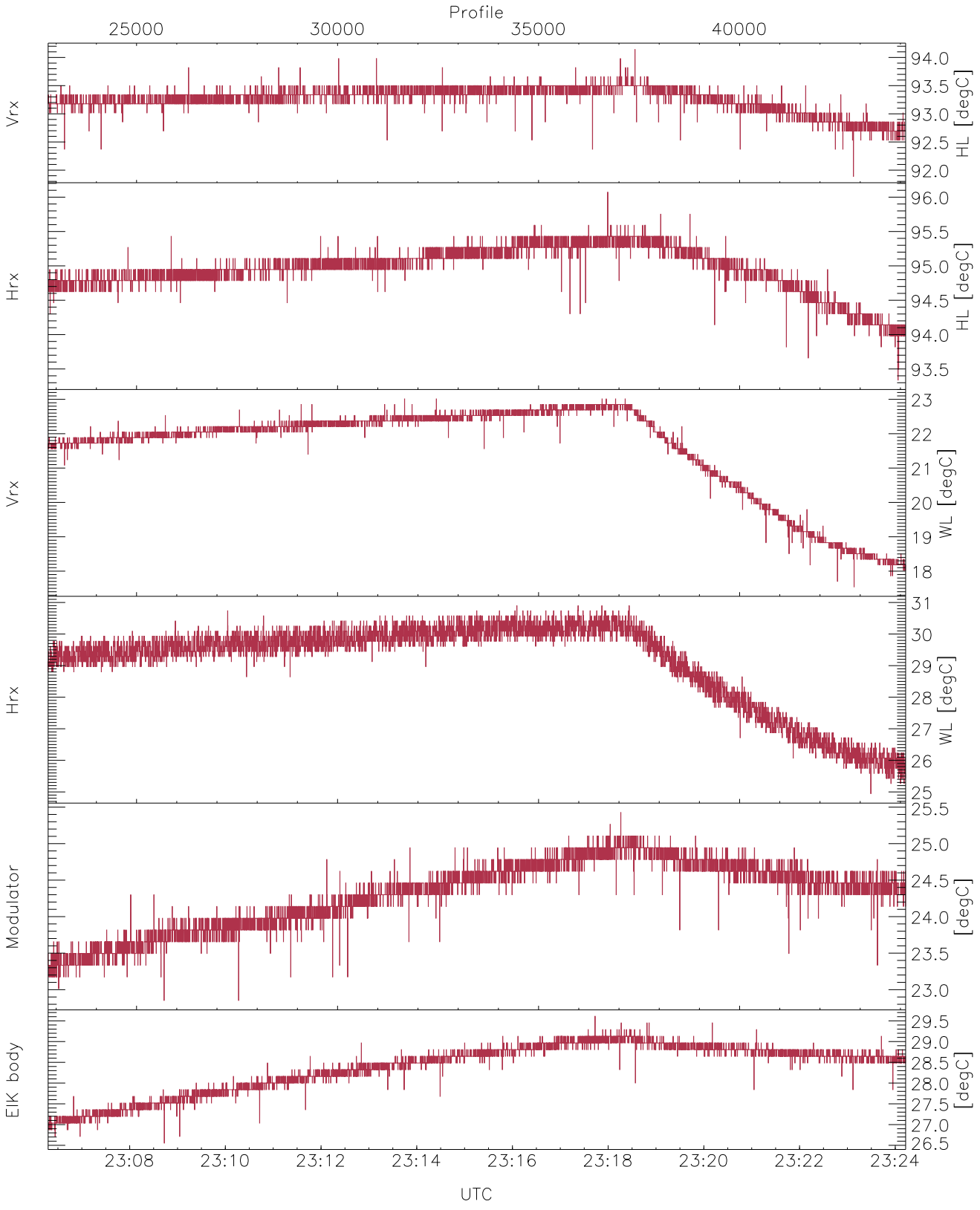






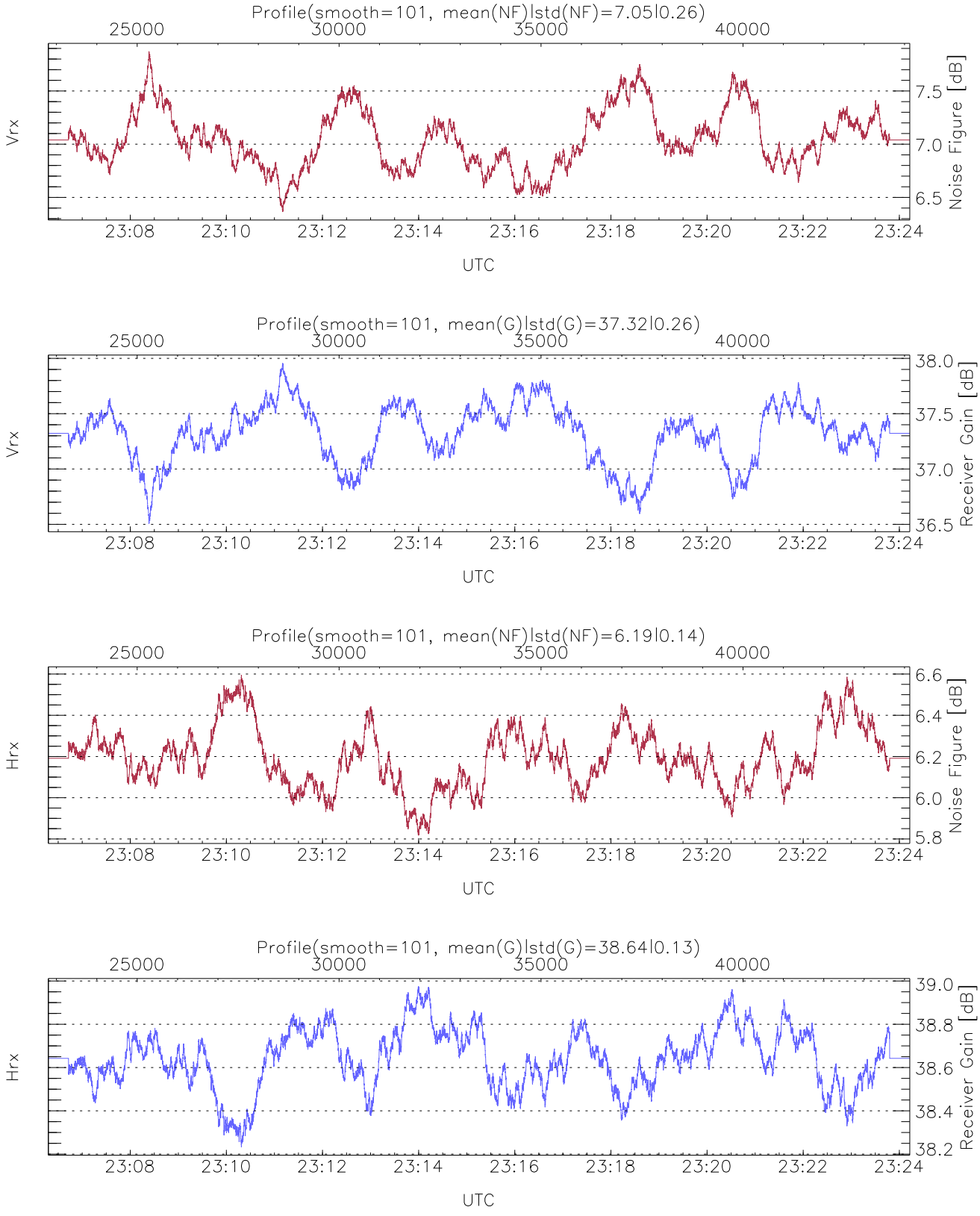
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 22:47:08-23:24:13, Dur: 2224.76s
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): 21332/44132, 22800-44131/23:06:18-23:24:13
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,rgs): 105,5271,15.0 m, Gates: 345, Aspect: 3.3
Mirror(-9|0|1|2,3,9x = no mirror|sideup|error): 1



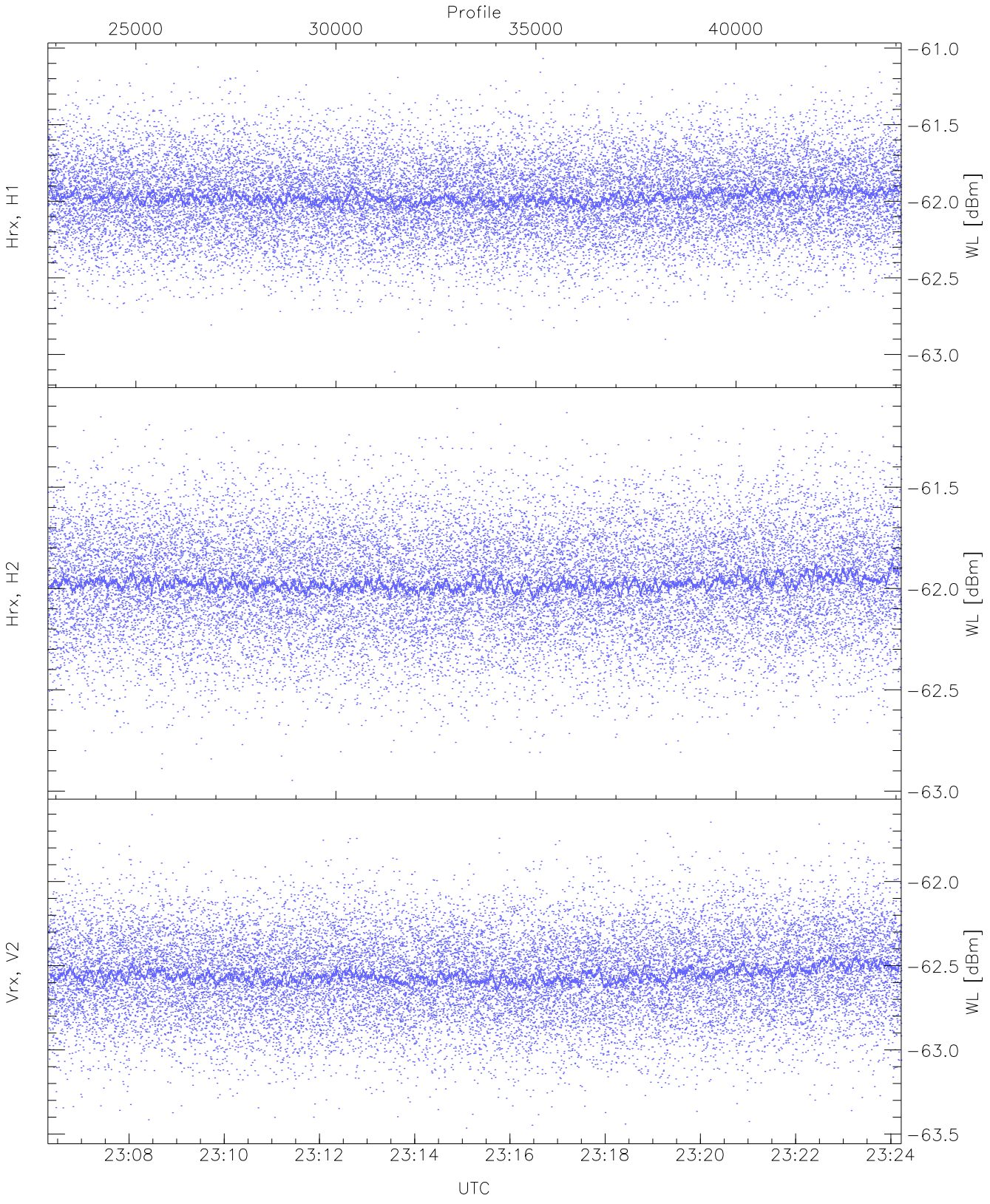
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,17,24,22,26
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,23,30,25,29
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (16,16,16,16,16,10)



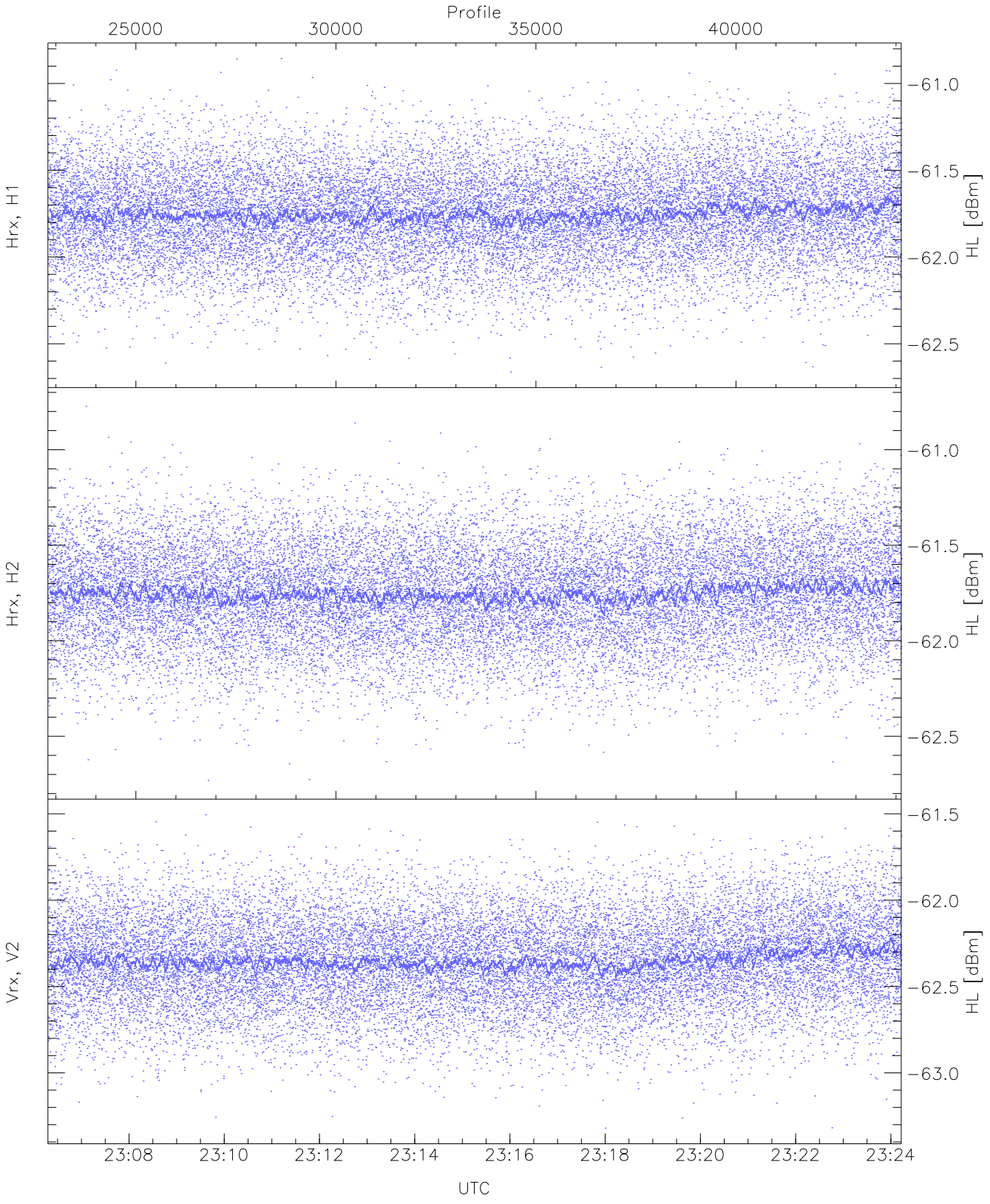
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 34 pixs, 10 gates, 33 profs, 1 prods



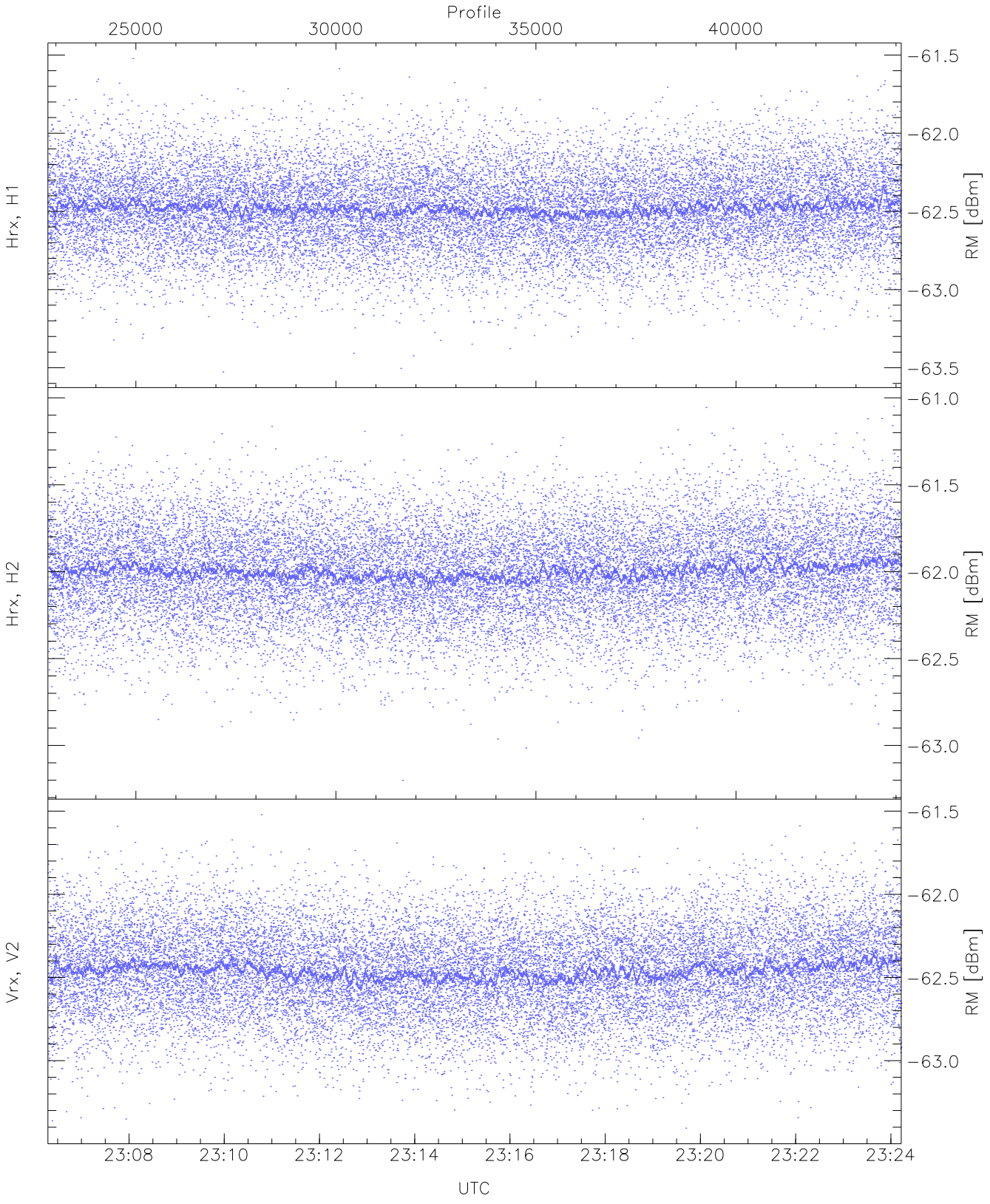
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.11	-61.07	-61.97	-61.97	-74.50
Hrx, H2(WL [dBm])	-62.95	-61.10	-61.97	-61.97	-74.49
Vrx, V2(WL [dBm])	-63.47	-61.60	-62.55	-62.56	-75.09



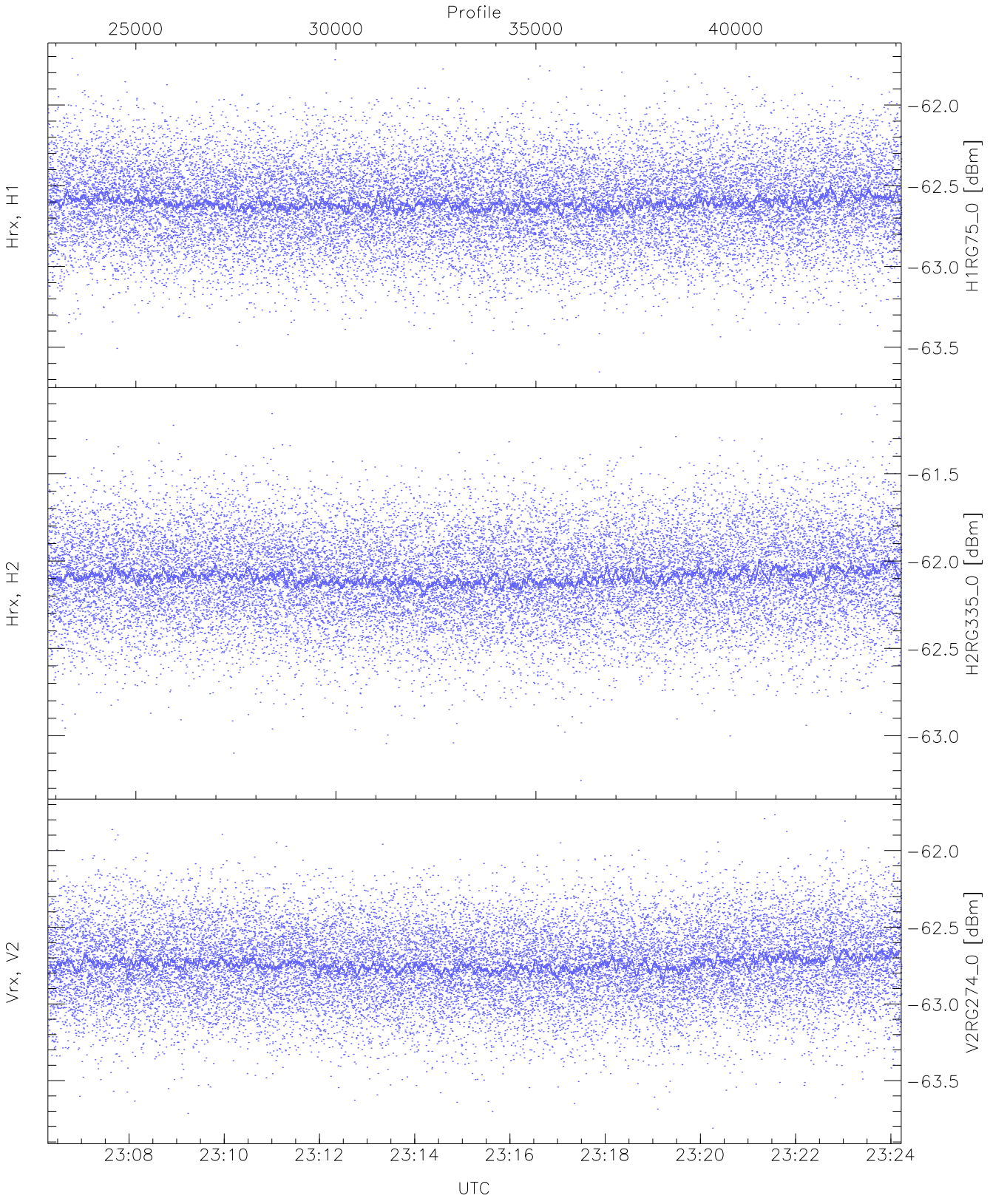
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.66	-60.86	-61.75	-61.75	-74.31
Hrx, H2(HL [dBm])	-62.73	-60.77	-61.75	-61.76	-74.33
Vrx, V2(HL [dBm])	-63.32	-61.51	-62.35	-62.35	-74.87



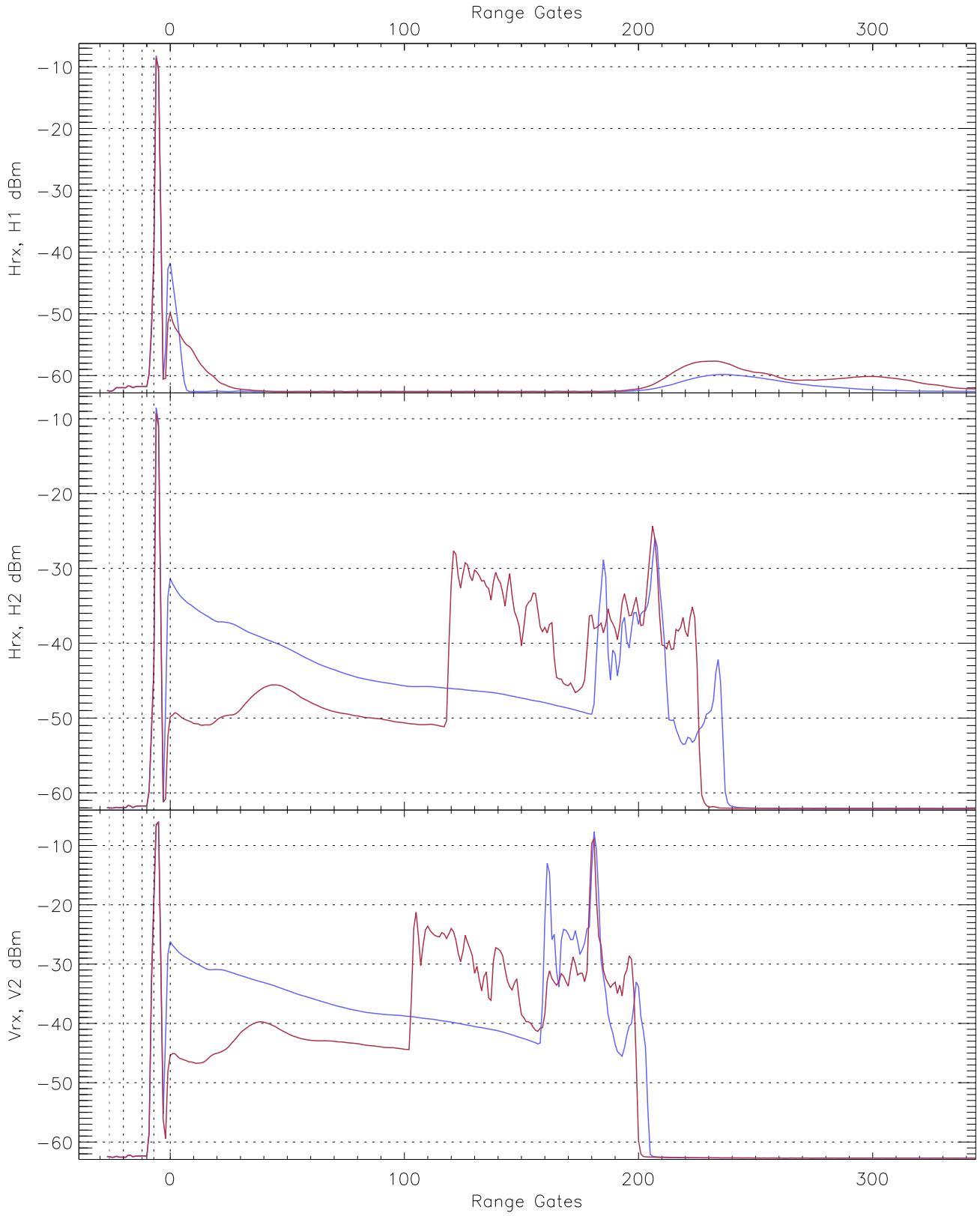
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.53	-61.52	-62.48	-62.48	-75.01
Hrx, H2(RM [dBm])	-63.20	-61.05	-62.00	-62.00	-74.52
Vrx, V2(RM [dBm])	-63.41	-61.52	-62.46	-62.46	-74.95

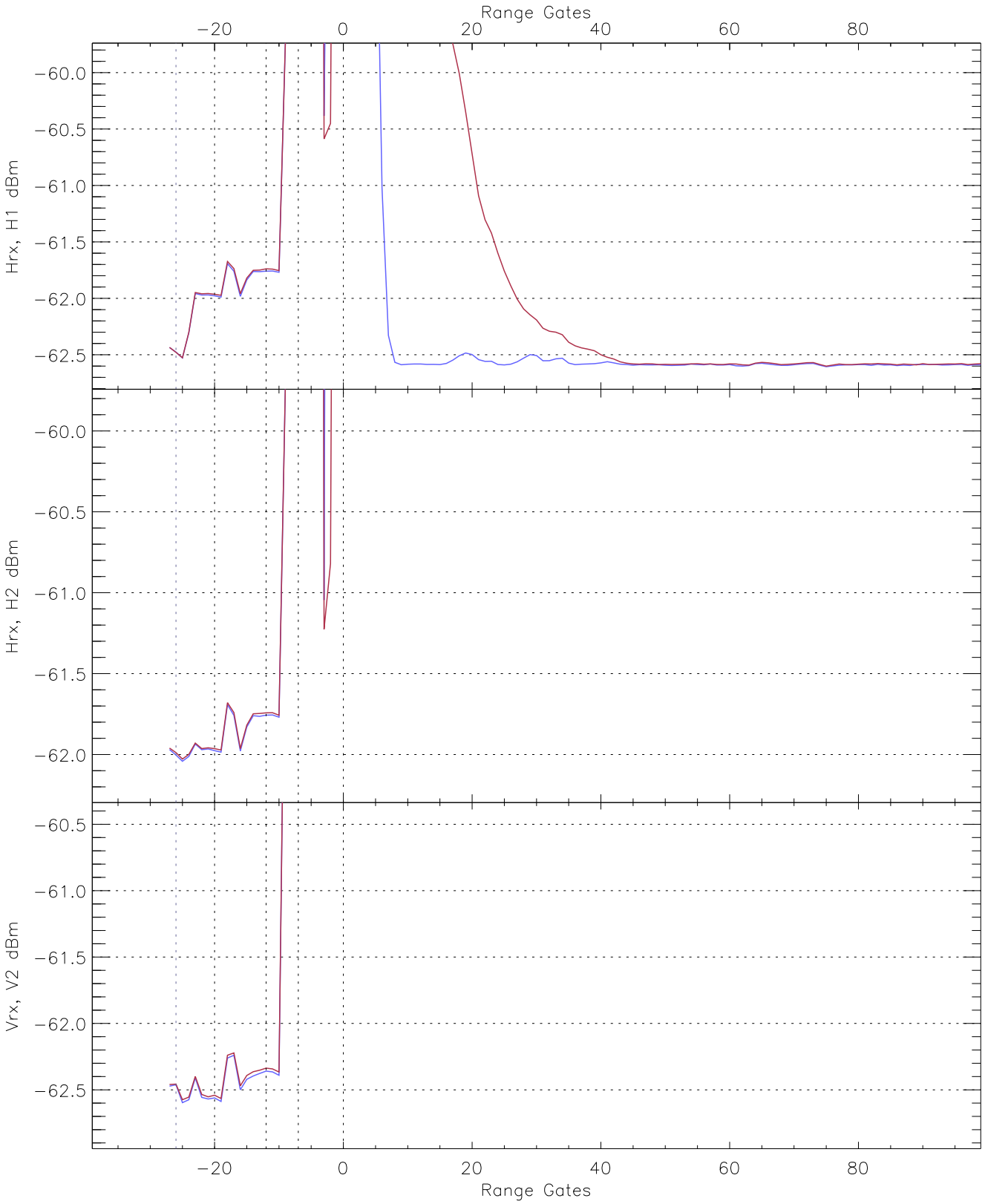


WCR2 CPP "Best" estimate Receivers Noise Power

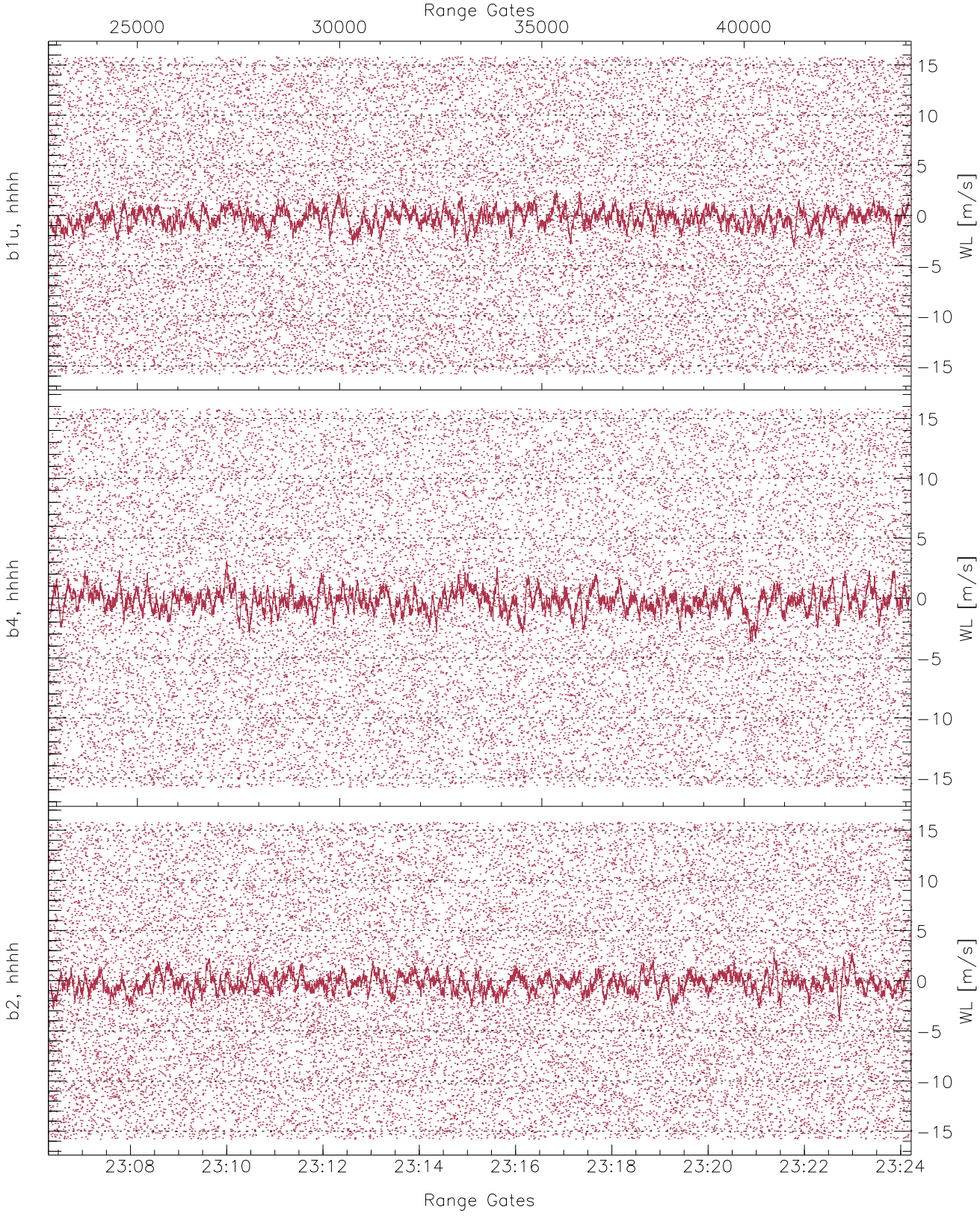
	Min	Max	Mean	Median	StDev
H1RG75_0 [dBm]	-63.65	-61.71	-62.60	-62.61	-75.15
H2RG335_0 [dBm]	-63.26	-61.11	-62.09	-62.09	-74.63
V2RG274_0 [dBm]	-63.81	-61.77	-62.74	-62.74	-75.23



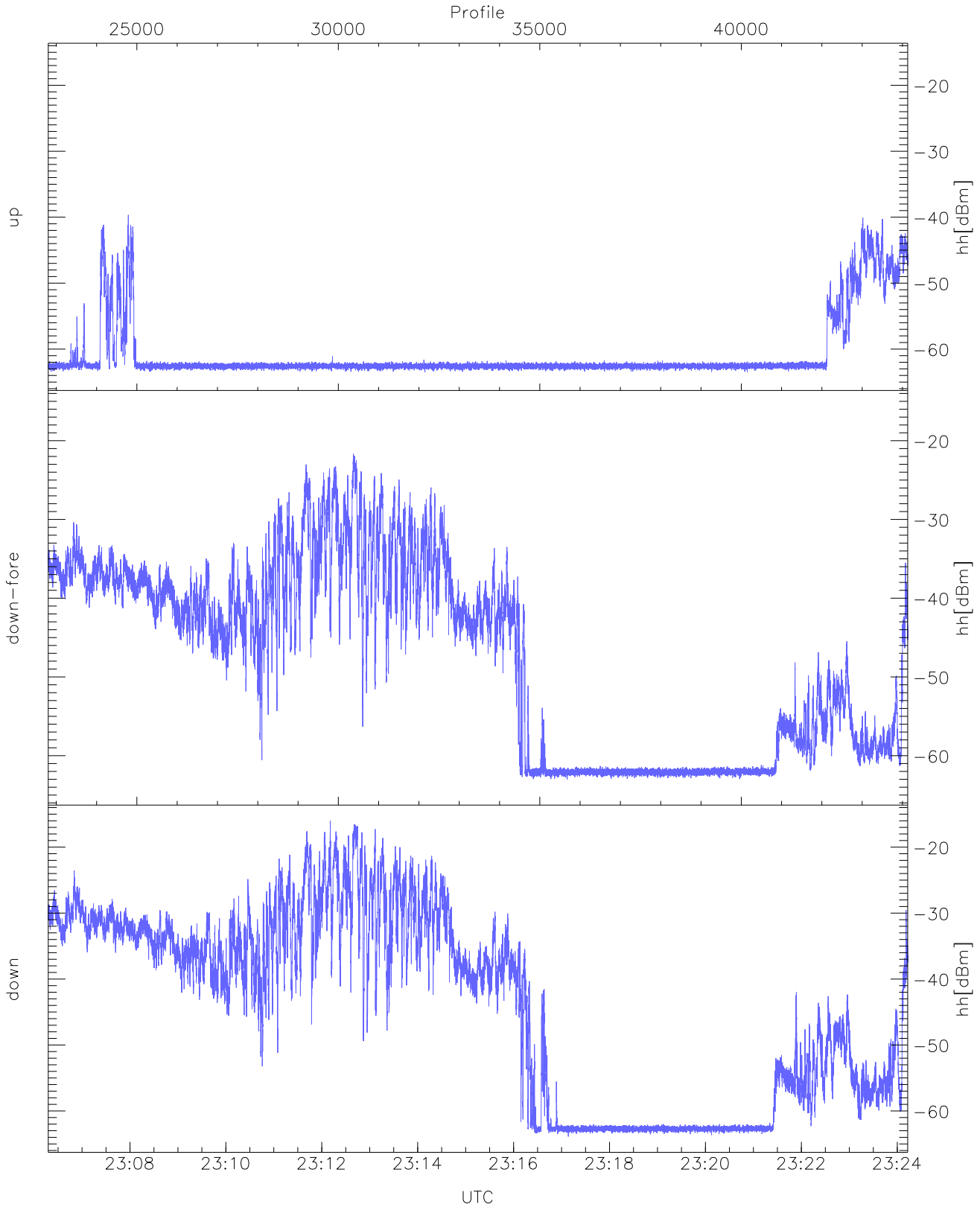
WCR2 CPP Averaged Received power for all recorded gates
blue: 230618-231515, 10667 profiles averaged
red: 231515-232413, 10666 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 230618-231515, 10667 profiles averaged
red: 231515-232413, 10666 profiles averaged

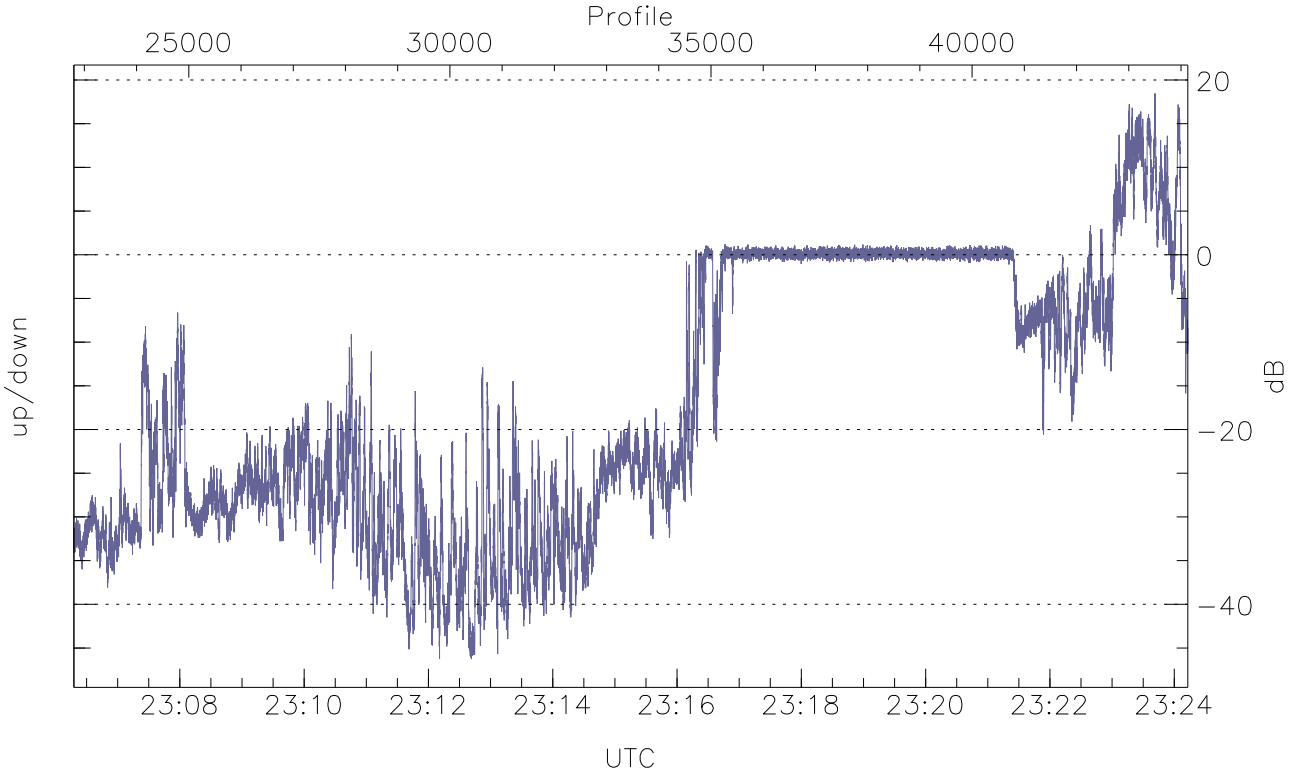


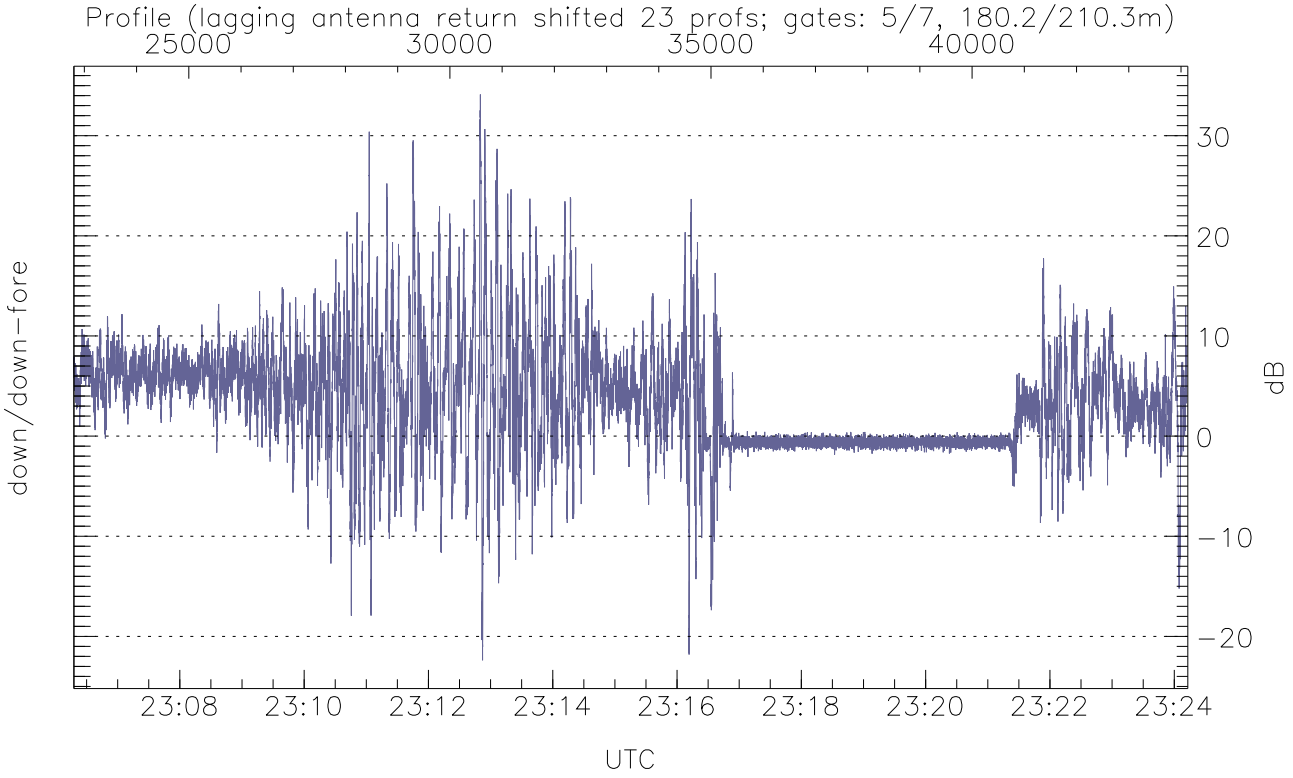
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

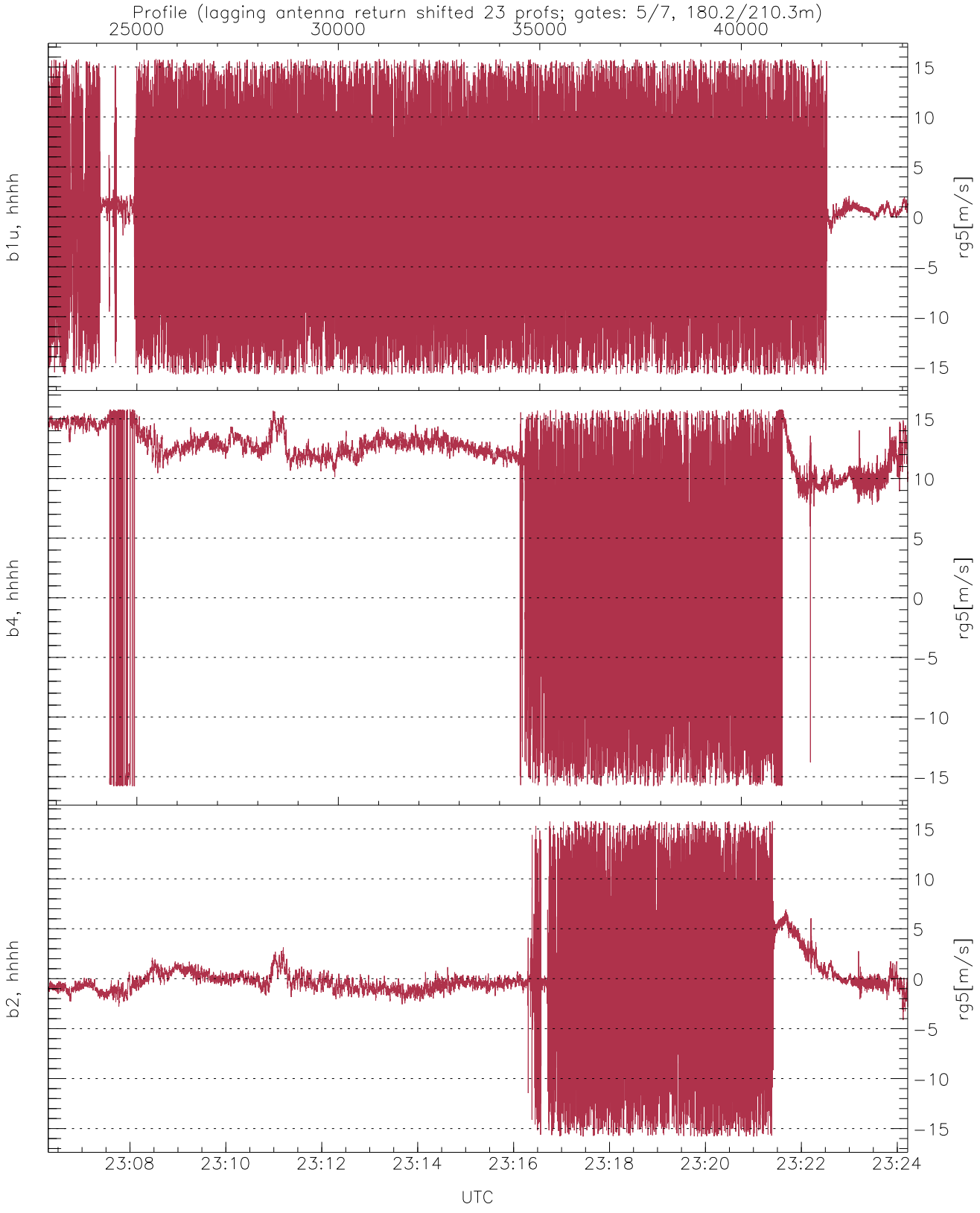
	Min	Max	Mean
up(hh[dBm])	-63.50	-39.66	-55.45
down-fore(hh[dBm])	-63.00	-21.66	-36.80
down(hh[dBm])	-63.88	-16.01	-31.37





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

	Min	Max	Mean
up/down(dB)	-46.26	18.48	-16.41
down/down-fore(dB)	-22.39	34.11	3.43



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.80	-0.08	8.25
b4, hhhh(rg5[m/s])	-15.80	15.80	8.44	8.18
b2, hhhh(rg5[m/s])	-15.80	15.80	-0.15	4.81