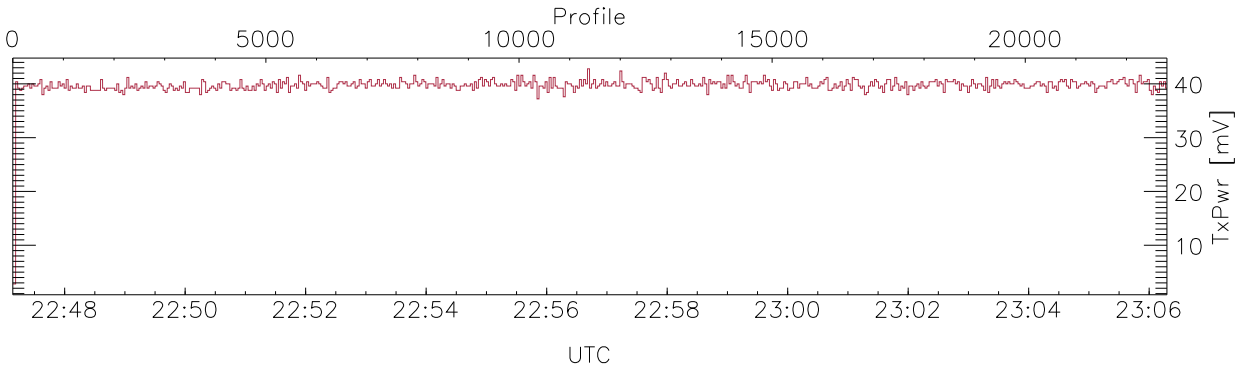
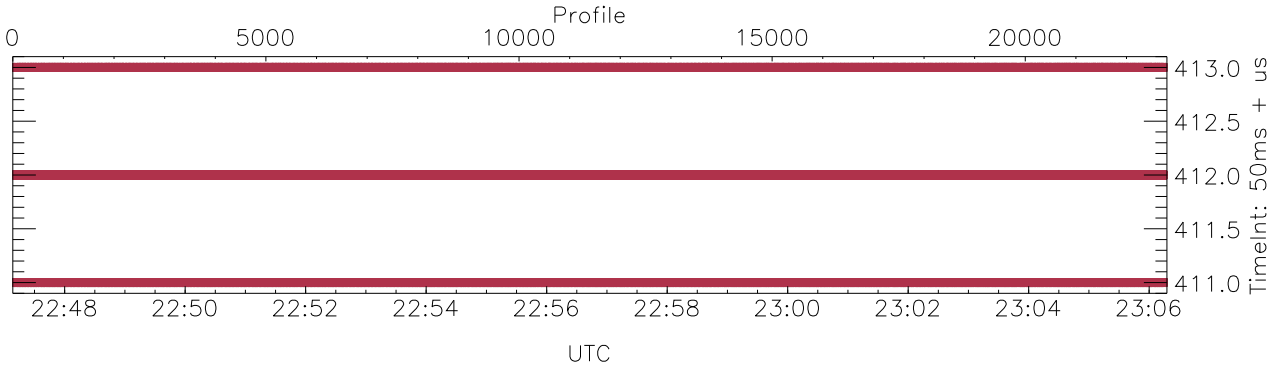
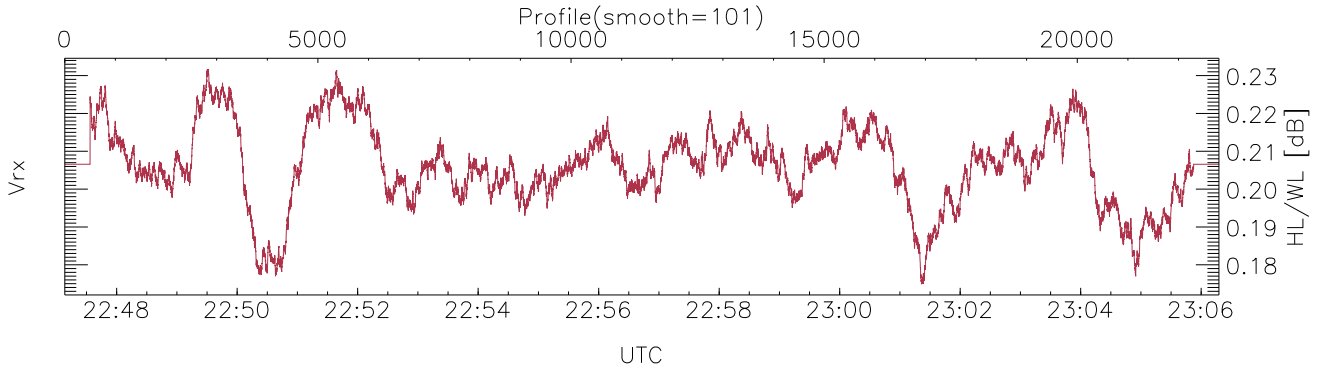
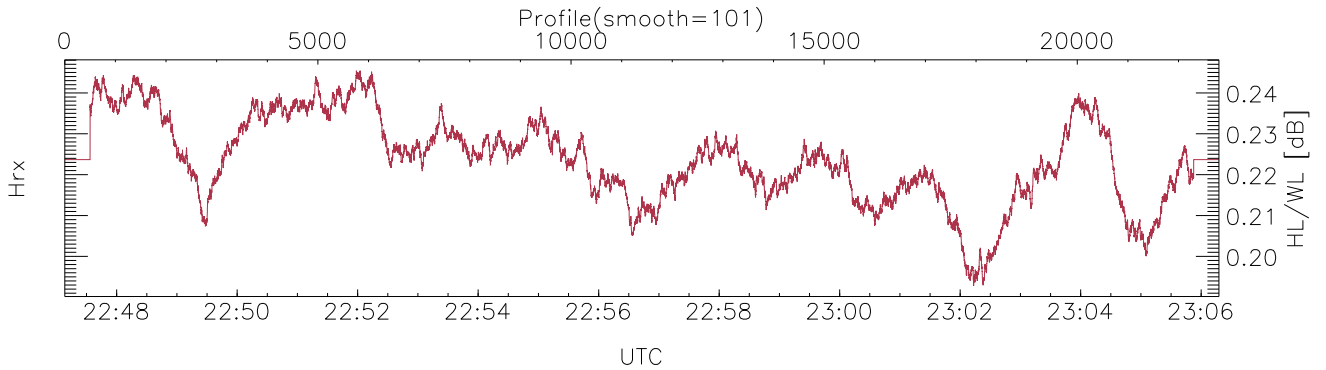


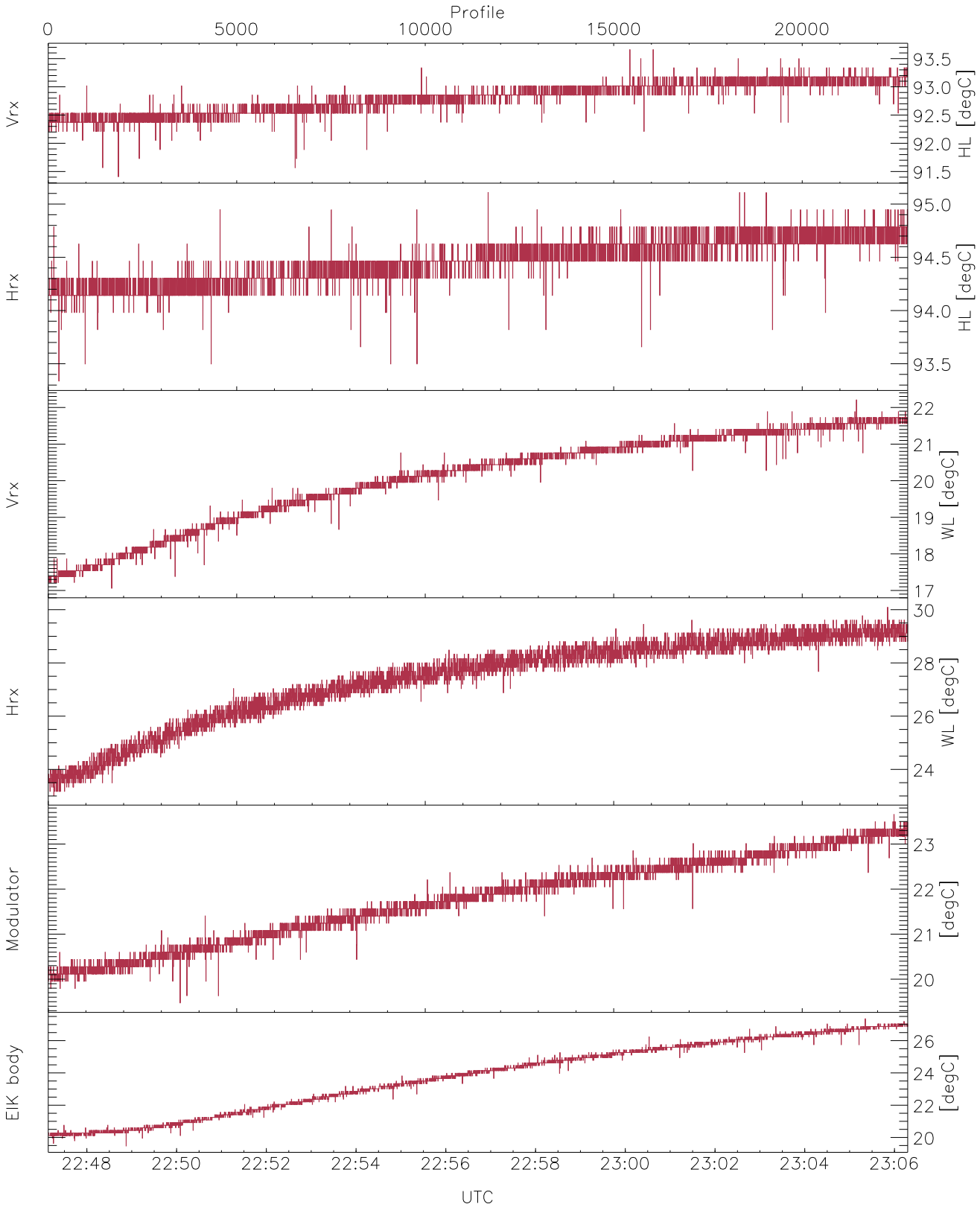






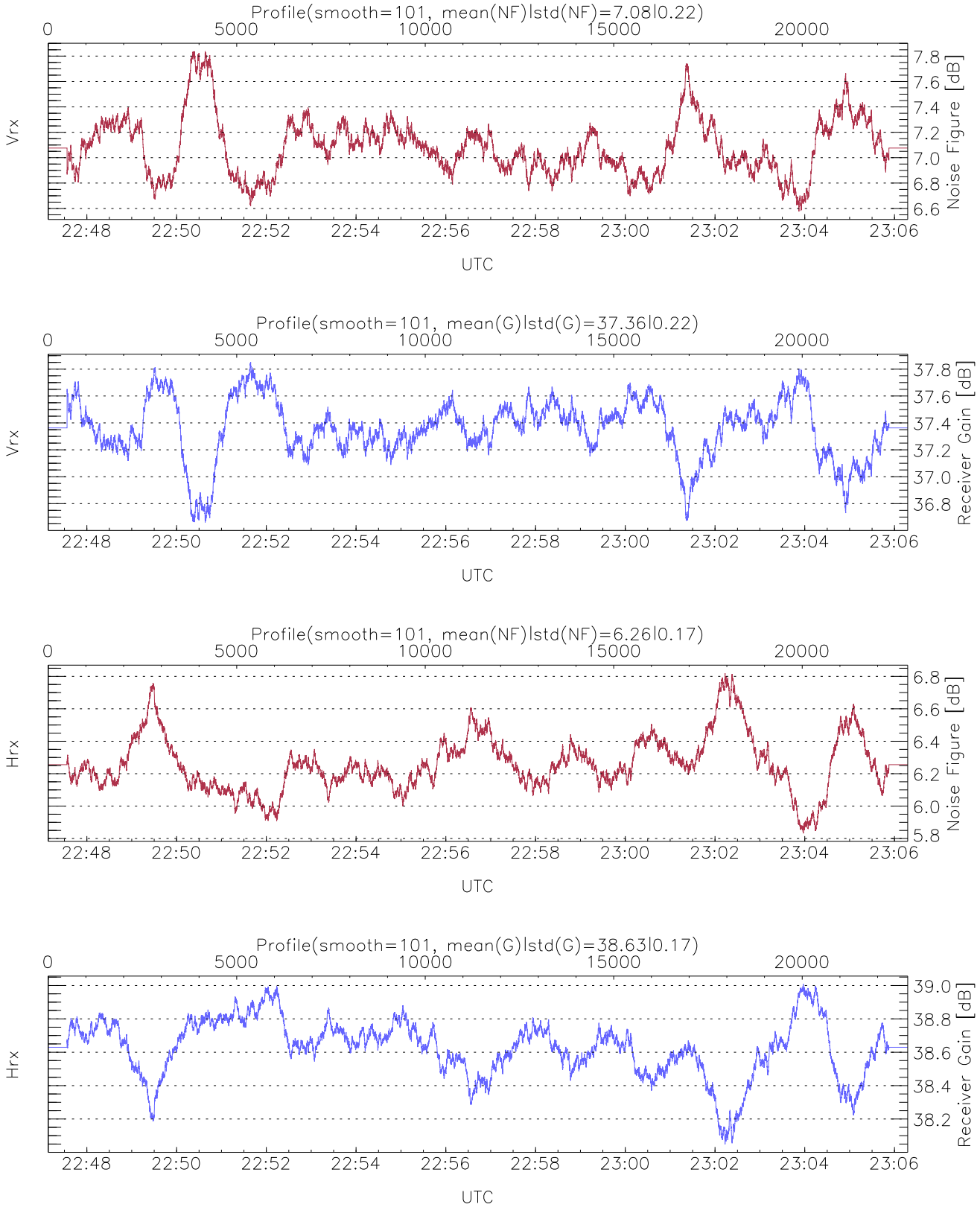
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

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): 22800/44132, 0-22799/22:47:08-23:06:18
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|sideluplerror): 1



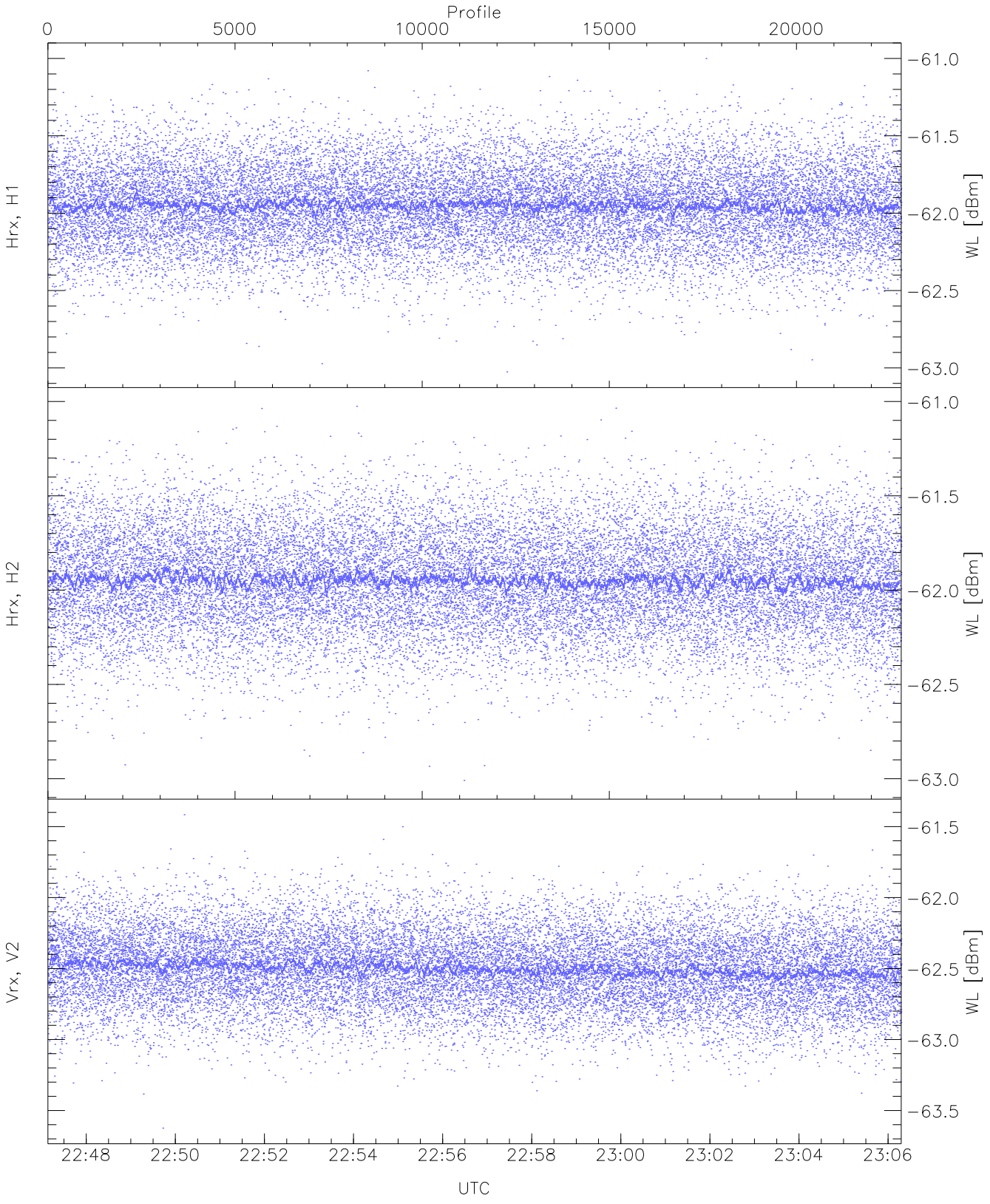
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,17,23,19,19
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,22,30,23,27
LOalarm(20,80,240,2.8,14.8 MHz): 5,0,0,0,0
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty (10,10,10,16,10)



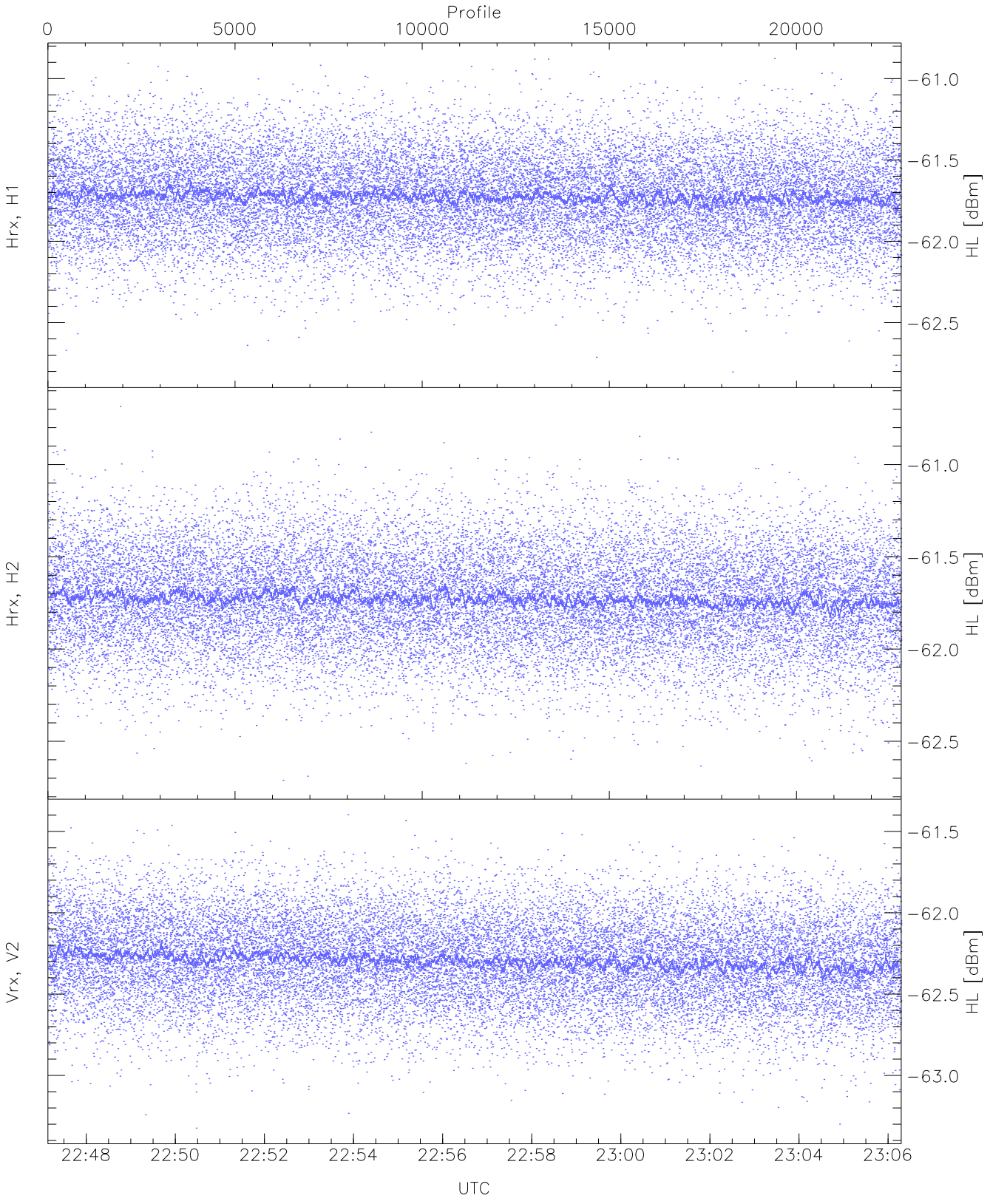
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 216 pixs, 7 gates, 214 profs, 1 prods



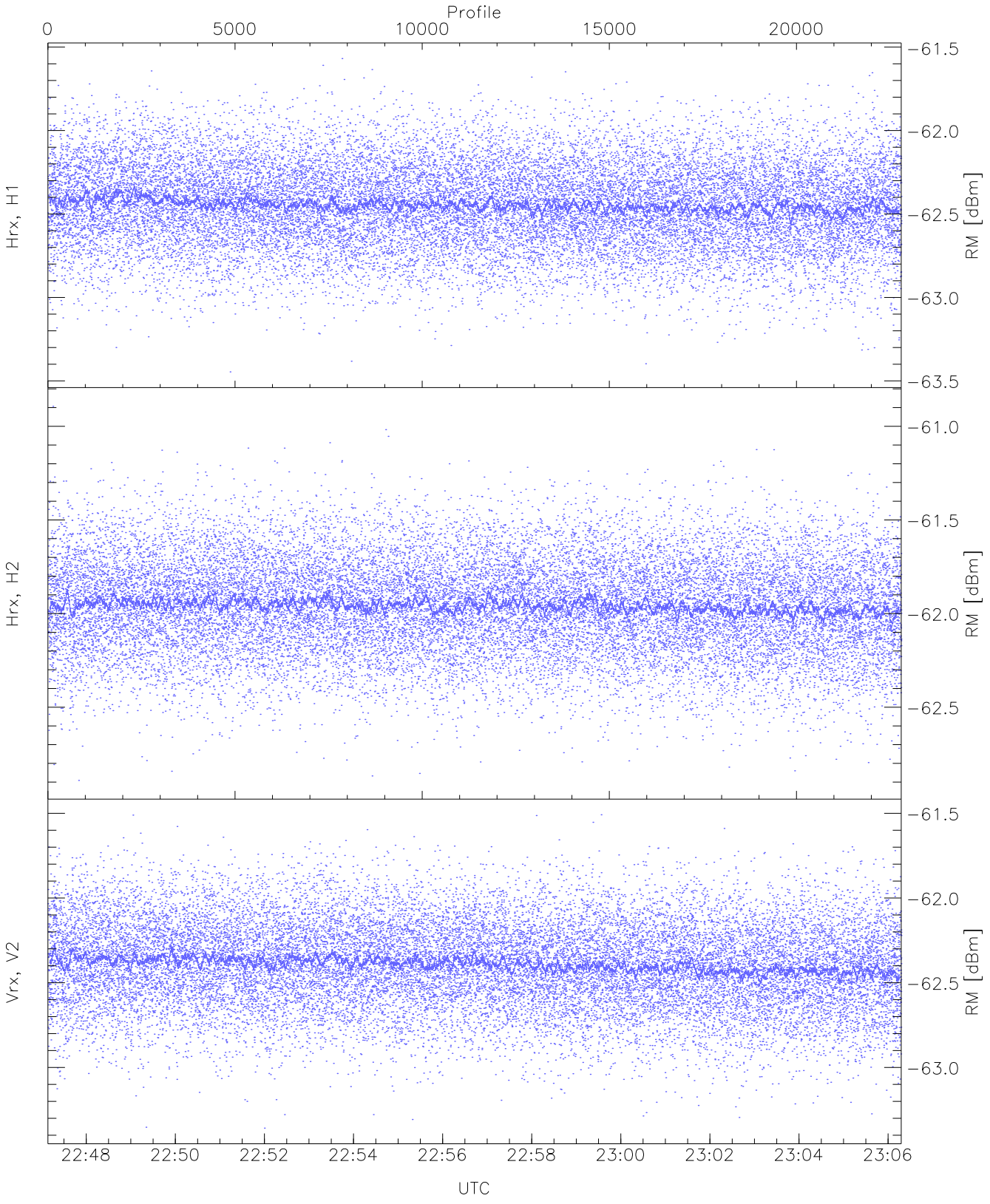
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.03	-61.00	-61.95	-61.95	-74.52
Hrx, H2(WL [dBm])	-63.01	-61.03	-61.94	-61.95	-74.49
Vrx, V2(WL [dBm])	-63.62	-61.42	-62.50	-62.50	-75.02



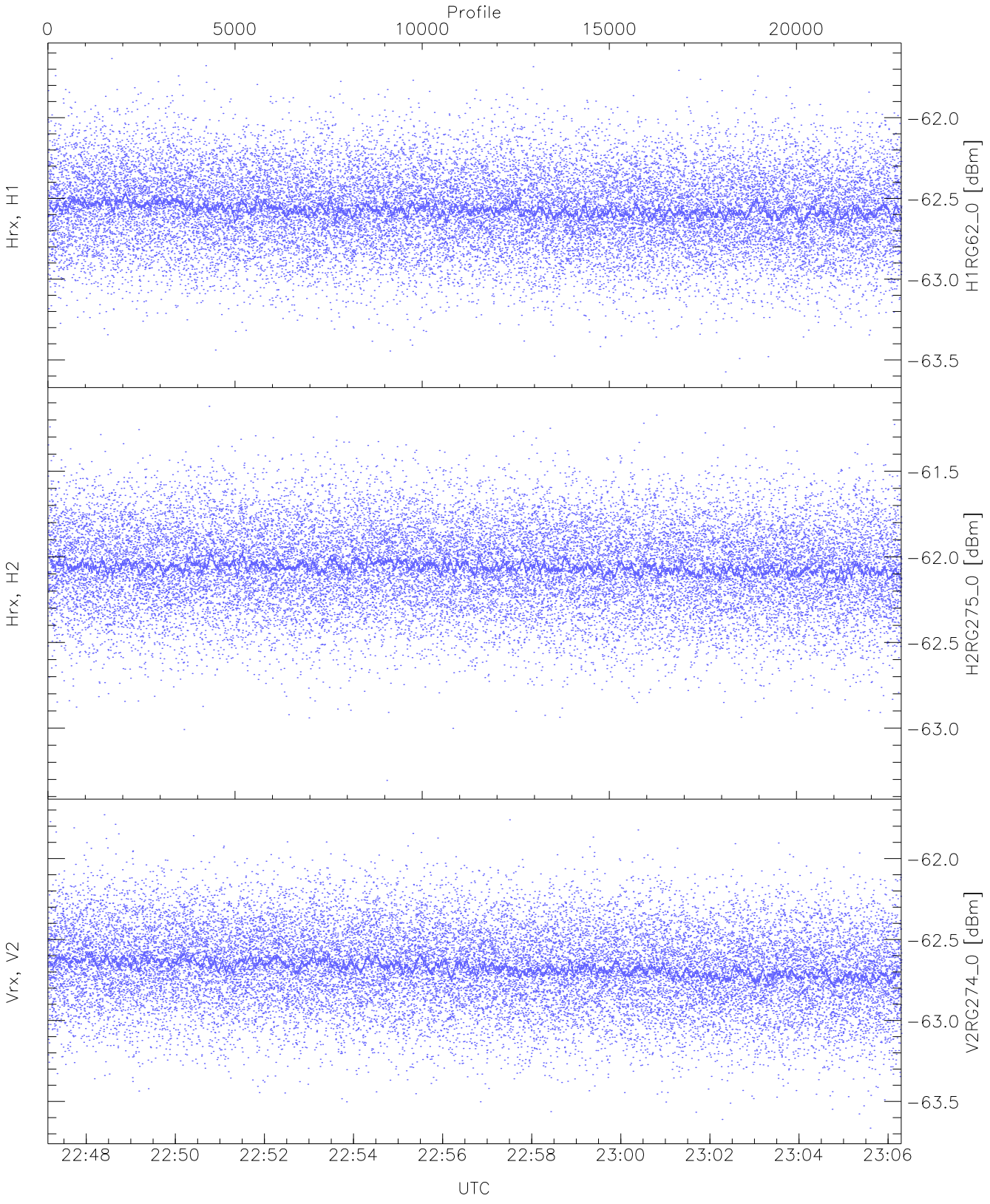
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.80	-60.88	-61.72	-61.73	-74.27
Hrx, H2(HL [dBm])	-62.71	-60.68	-61.72	-61.73	-74.31
Vrx, V2(HL [dBm])	-63.32	-61.40	-62.29	-62.30	-74.84



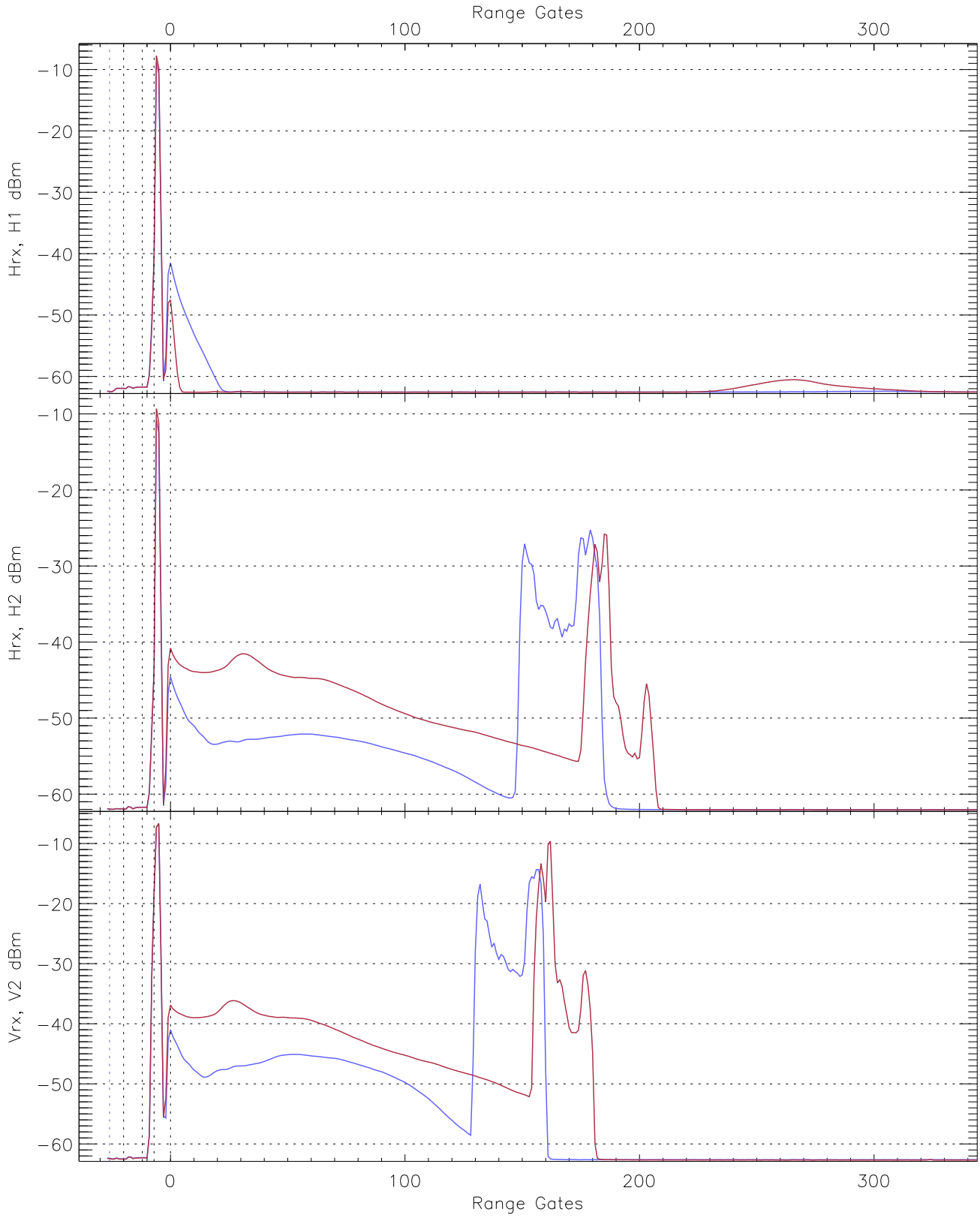
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.45	-61.57	-62.44	-62.45	-75.00
Hrx, H2(RM [dBm])	-62.89	-60.89	-61.95	-61.96	-74.52
Vrx, V2(RM [dBm])	-63.36	-61.51	-62.39	-62.39	-74.92

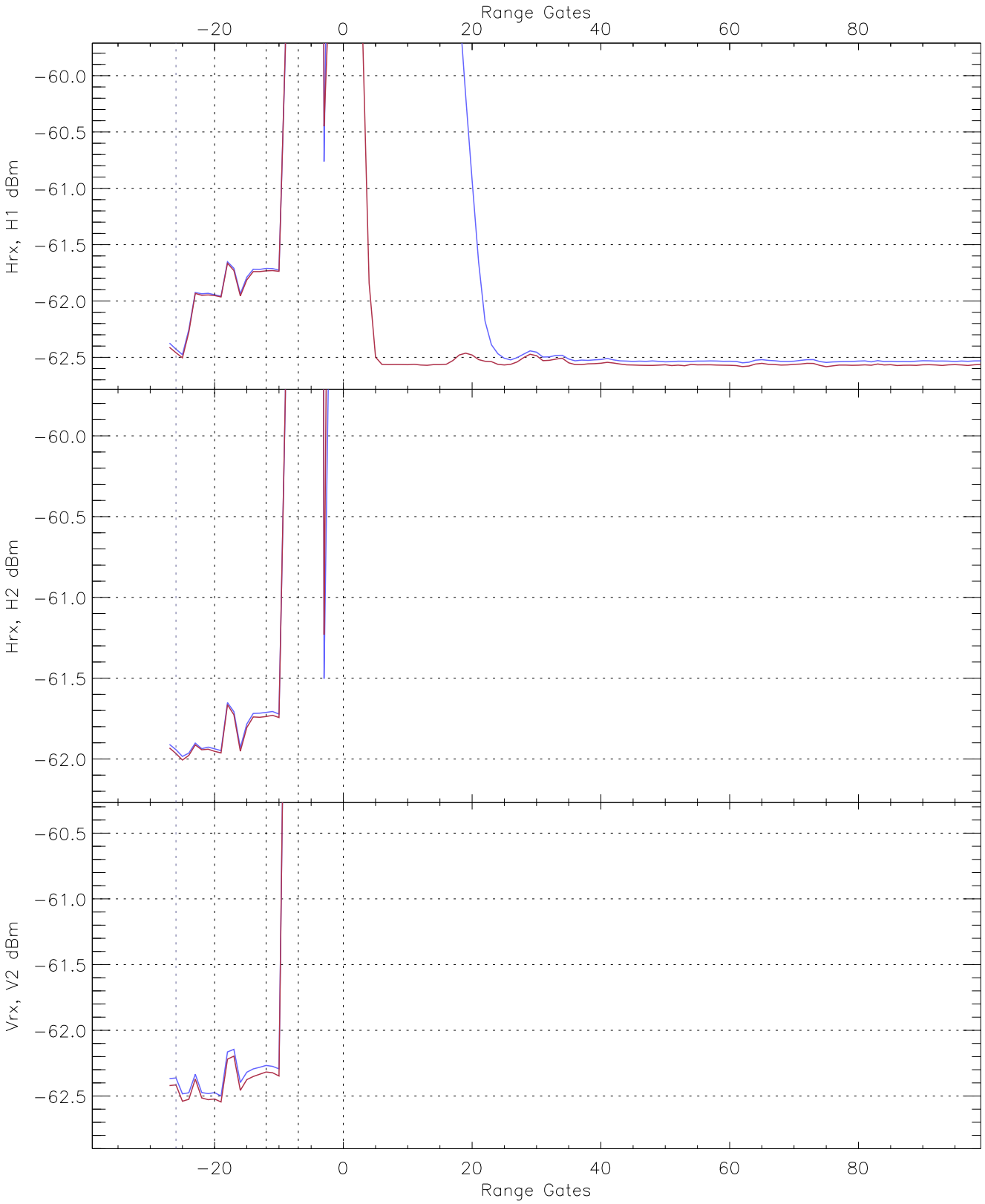


WCR2 CPP "Best" estimate Receivers Noise Power

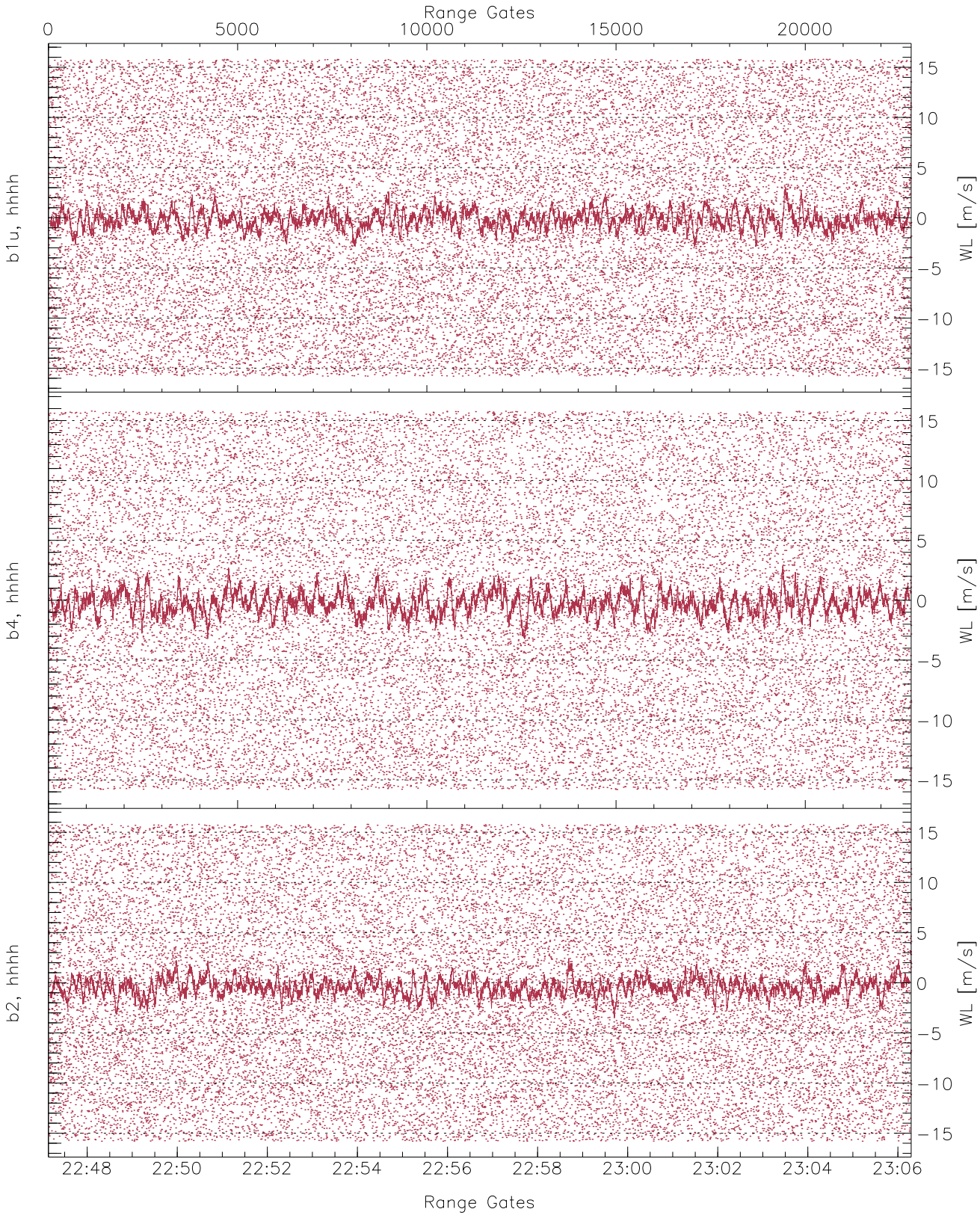
	Min	Max	Mean	Median	StDev
H1RG62_0 [dBm]	-63.57	-61.63	-62.57	-62.57	-75.12
H2RG275_0 [dBm]	-63.31	-61.12	-62.06	-62.06	-74.58
V2RG274_0 [dBm]	-63.66	-61.73	-62.67	-62.67	-75.17



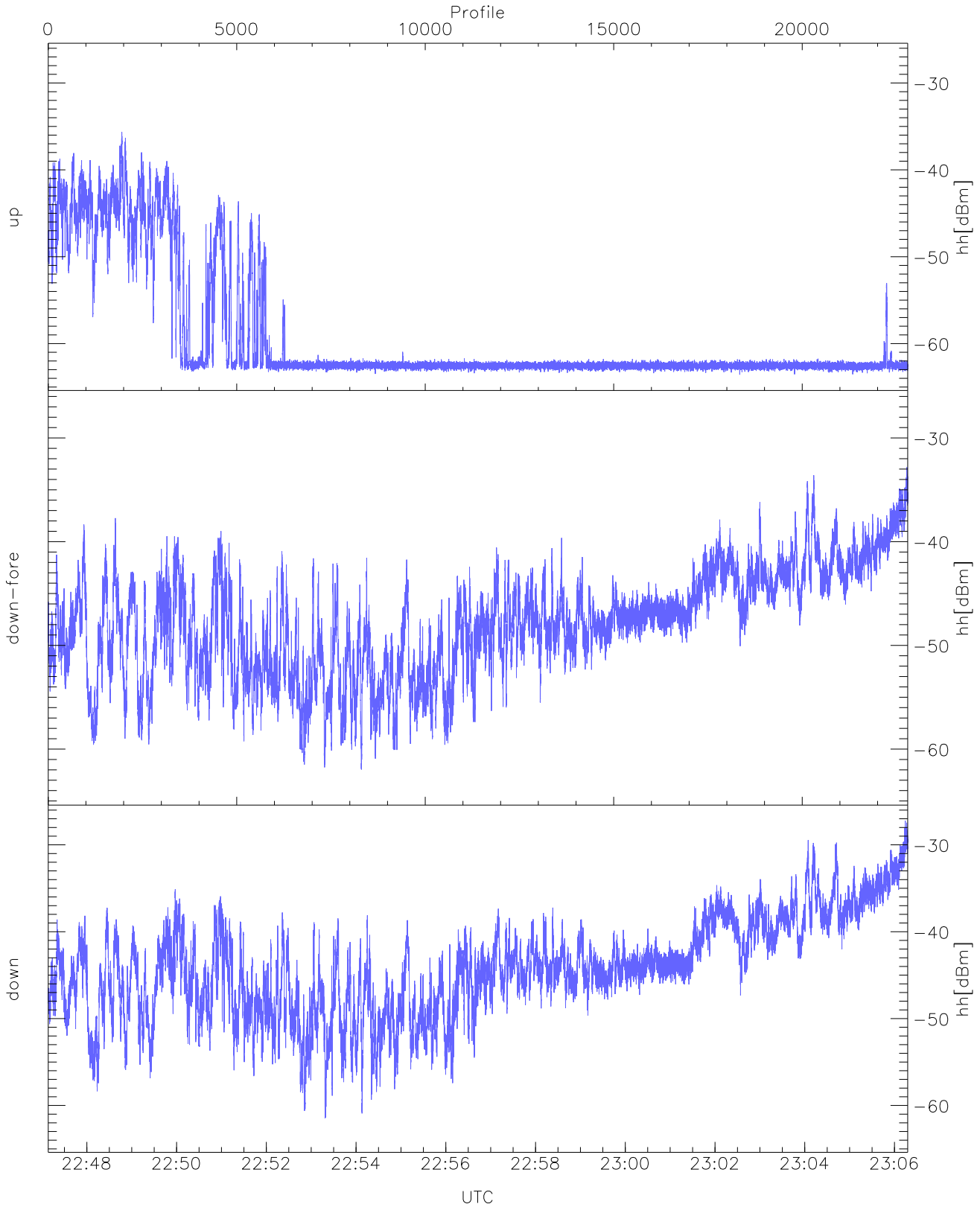
WCR2 CPP Averaged Received power for all recorded gates
blue: 224708-225643, 11401 profiles averaged
red: 225643-230618, 11400 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 224708-225643, 11401 profiles averaged
red: 225643-230618, 11400 profiles averaged

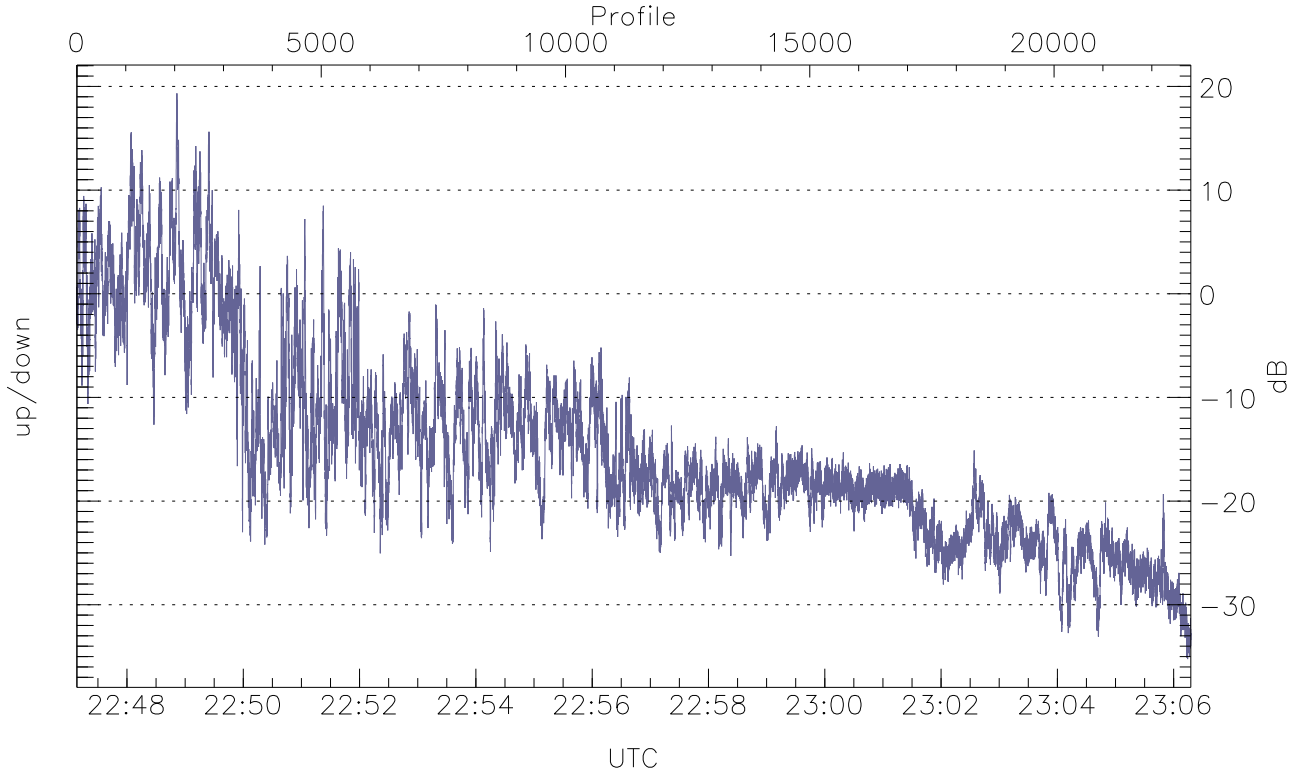


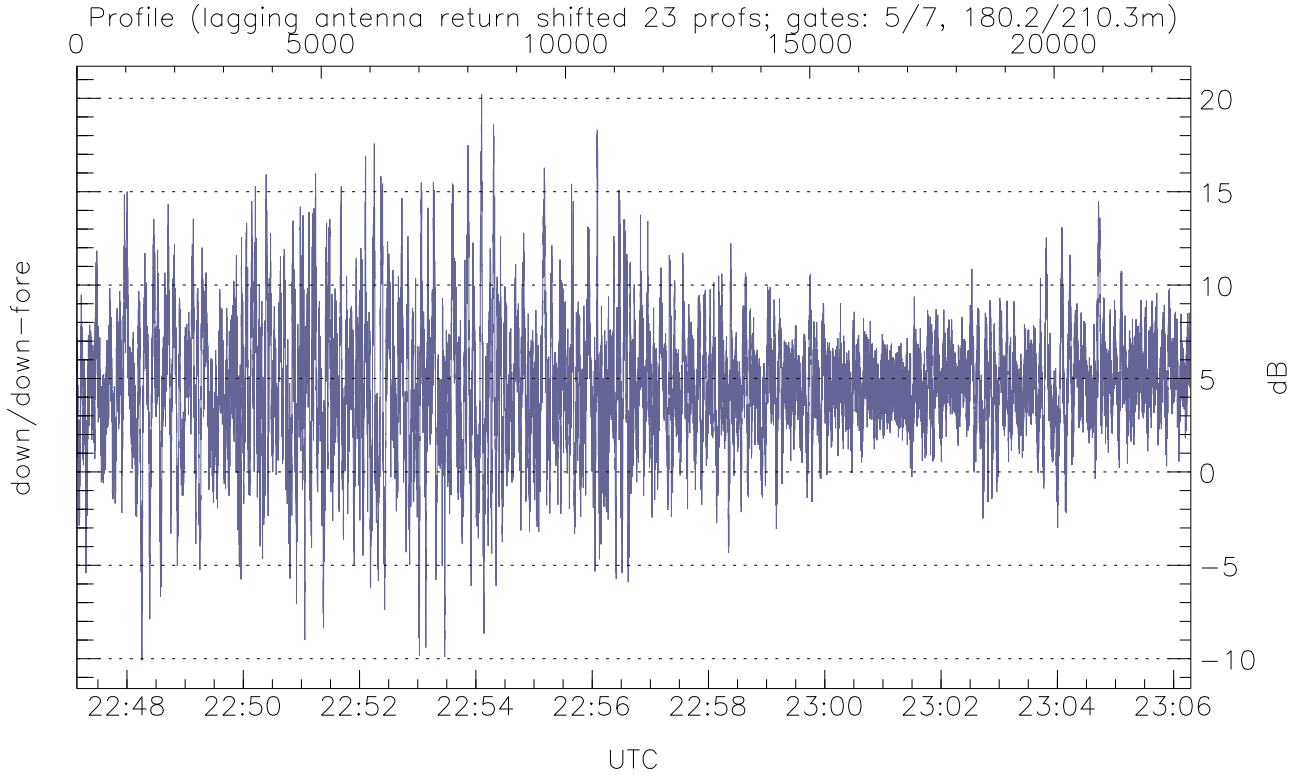
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

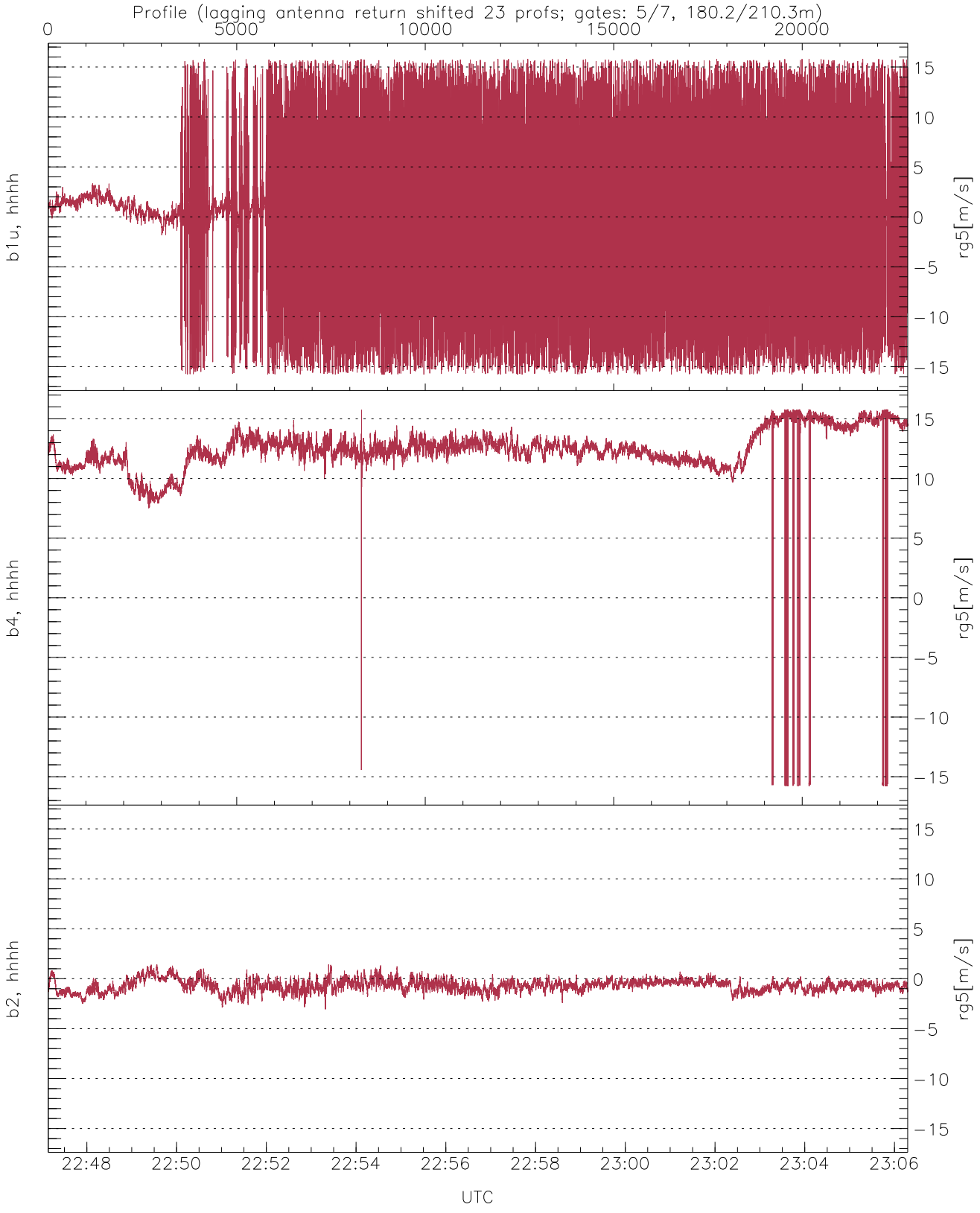
	Min	Max	Mean
up(hh[dBm])	-63.58	-35.65	-51.29
down-fore(hh[dBm])	-61.97	-32.82	-45.12
down(hh[dBm])	-61.49	-27.24	-40.70





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

	Min	Max	Mean
up/down(dB)	-35.24	19.34	-15.11
down/down-fore(dB)	-10.08	20.20	4.57



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.80	0.05	7.93
b4, hhhh(rg5[m/s])	-15.80	15.80	12.35	2.52
b2, hhhh(rg5[m/s])	-3.07	1.42	-0.69	0.59