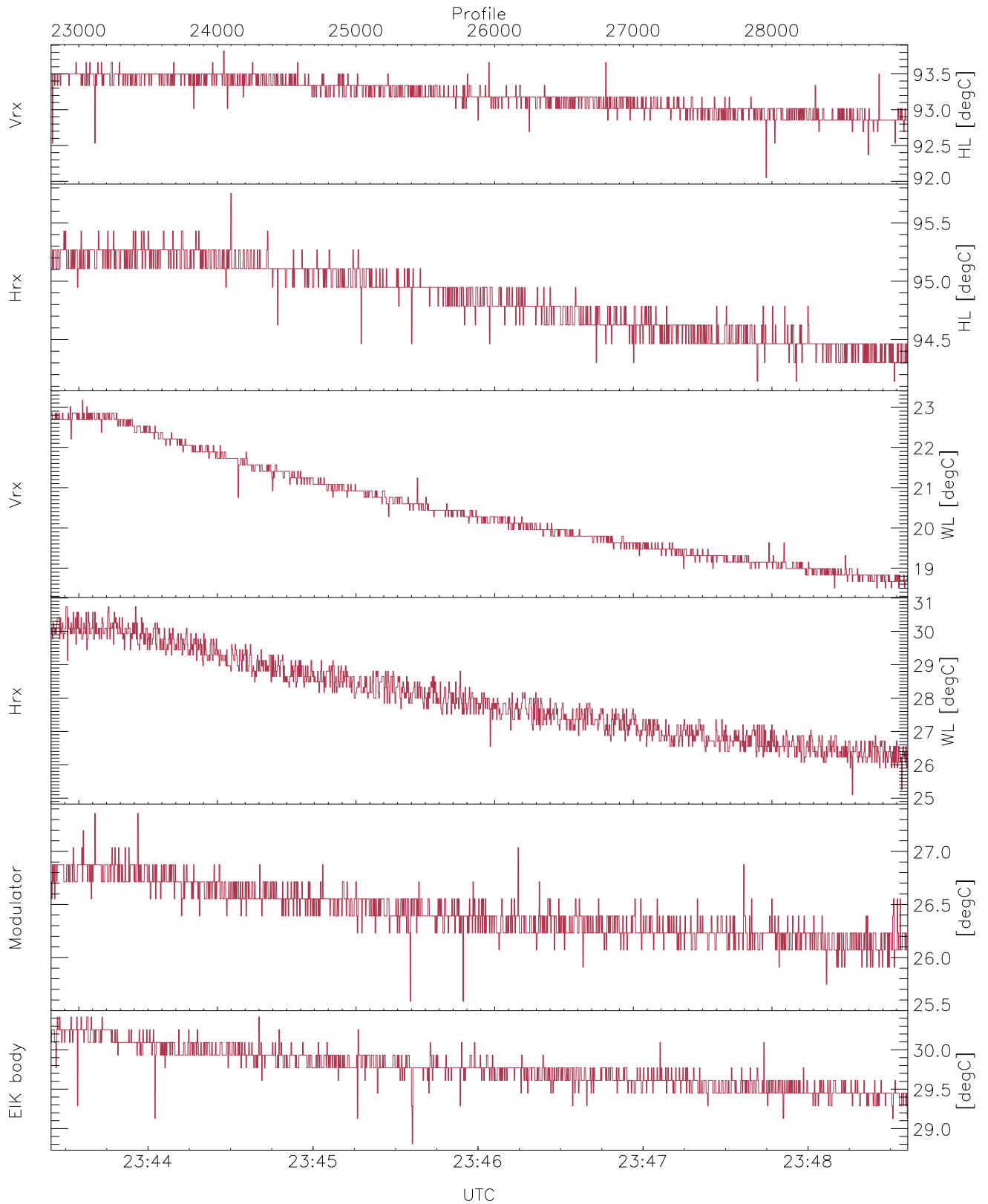


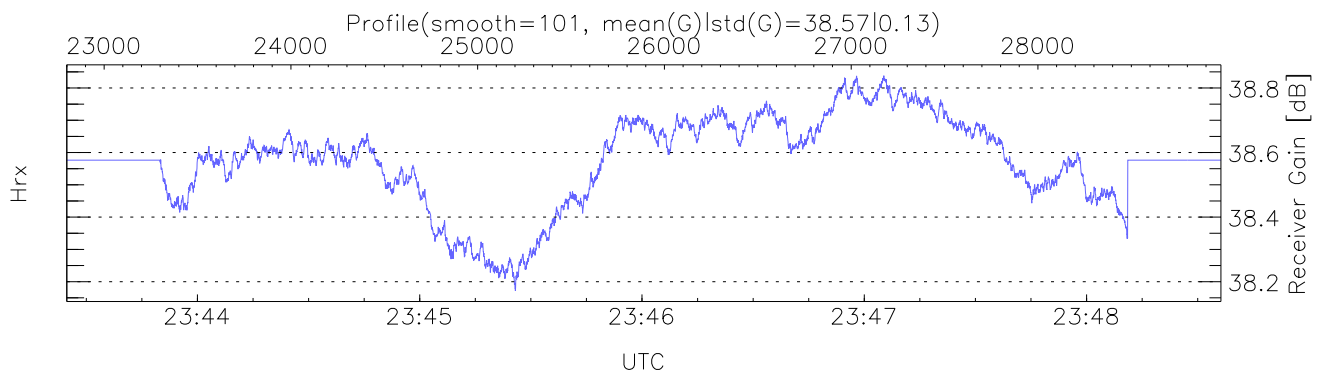
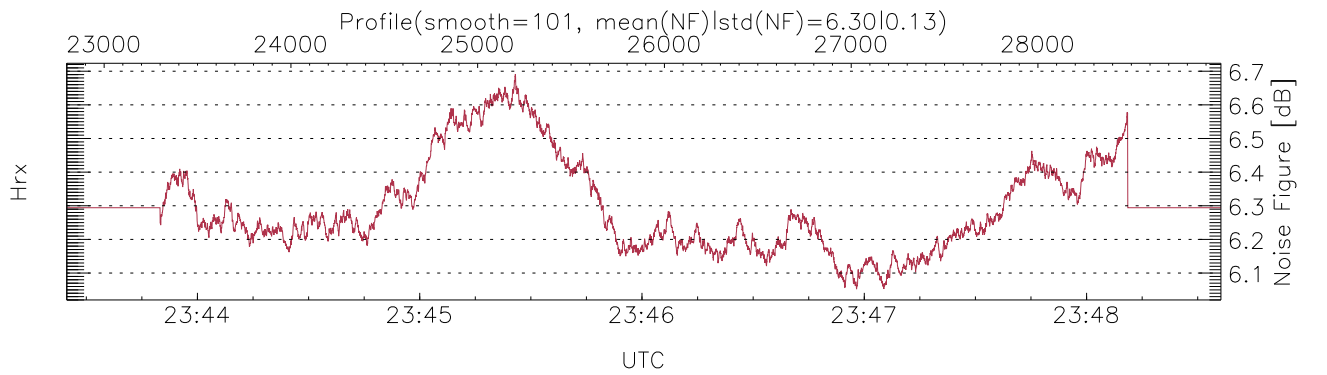
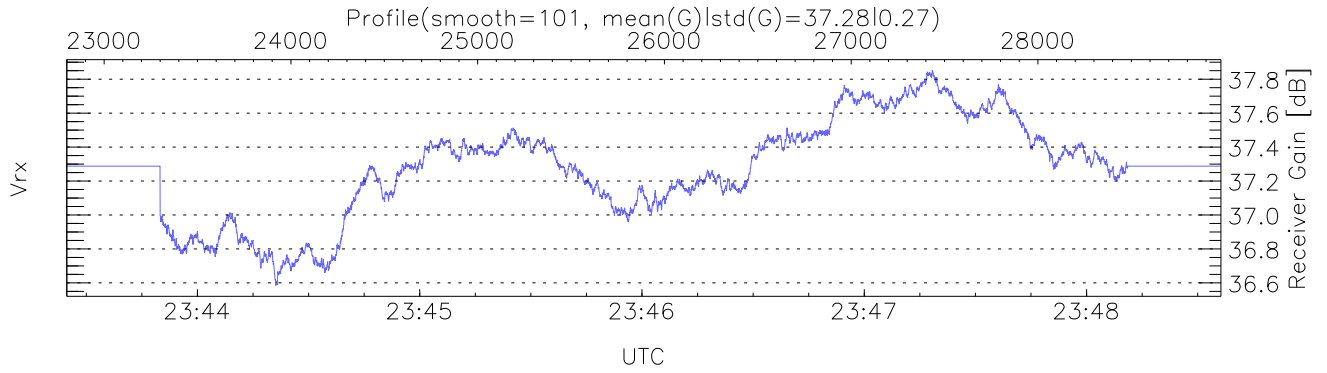
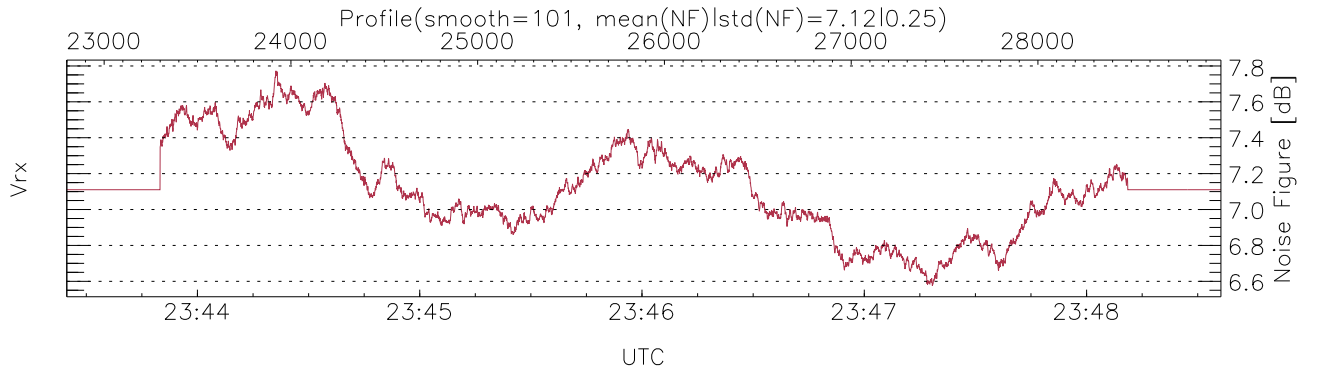
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 23:24:15-23:48:36, Dur: 1460.96s
 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): 6181/28981, 22800-28980/23:43:25-23:48:36
 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(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



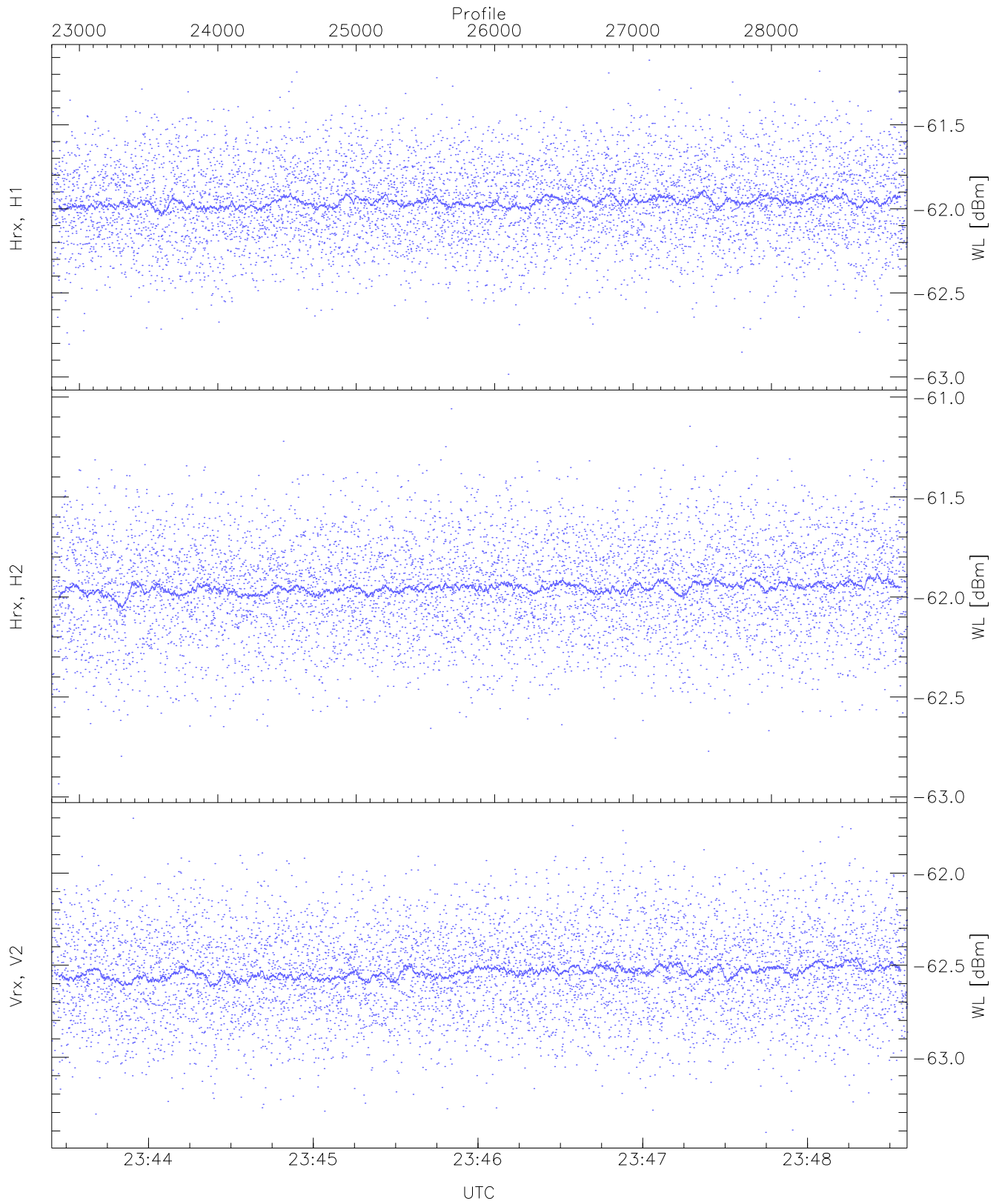
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,18,25,25,28
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,23,30,27,30
 LOalarm(20,80,240,2.8,14.8 MHz): None
 EIK Faults(# prof affected):
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (5,5,5,5,5,6)



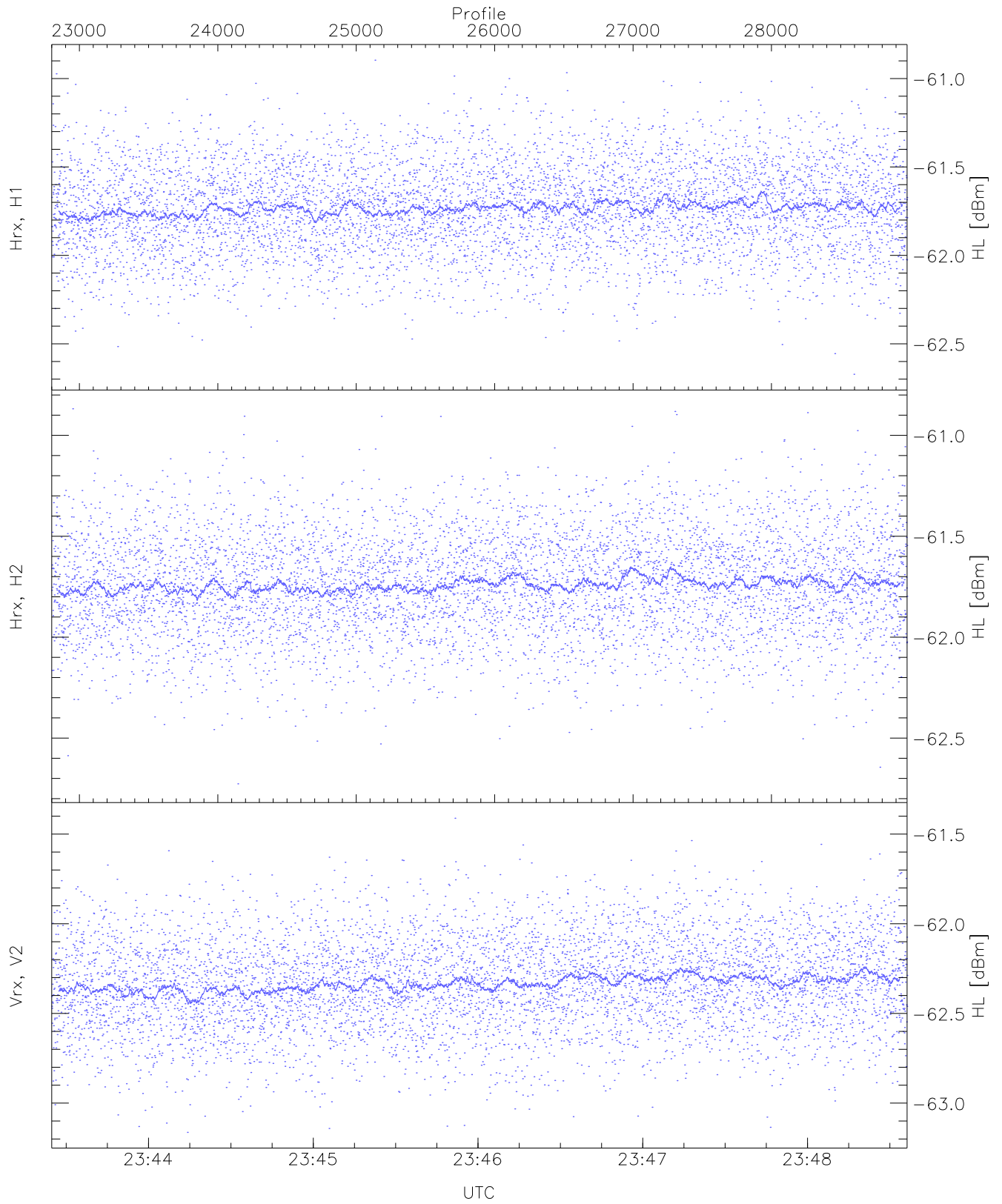
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 17 pixs, 4 gates, 17 profs, 1 prods



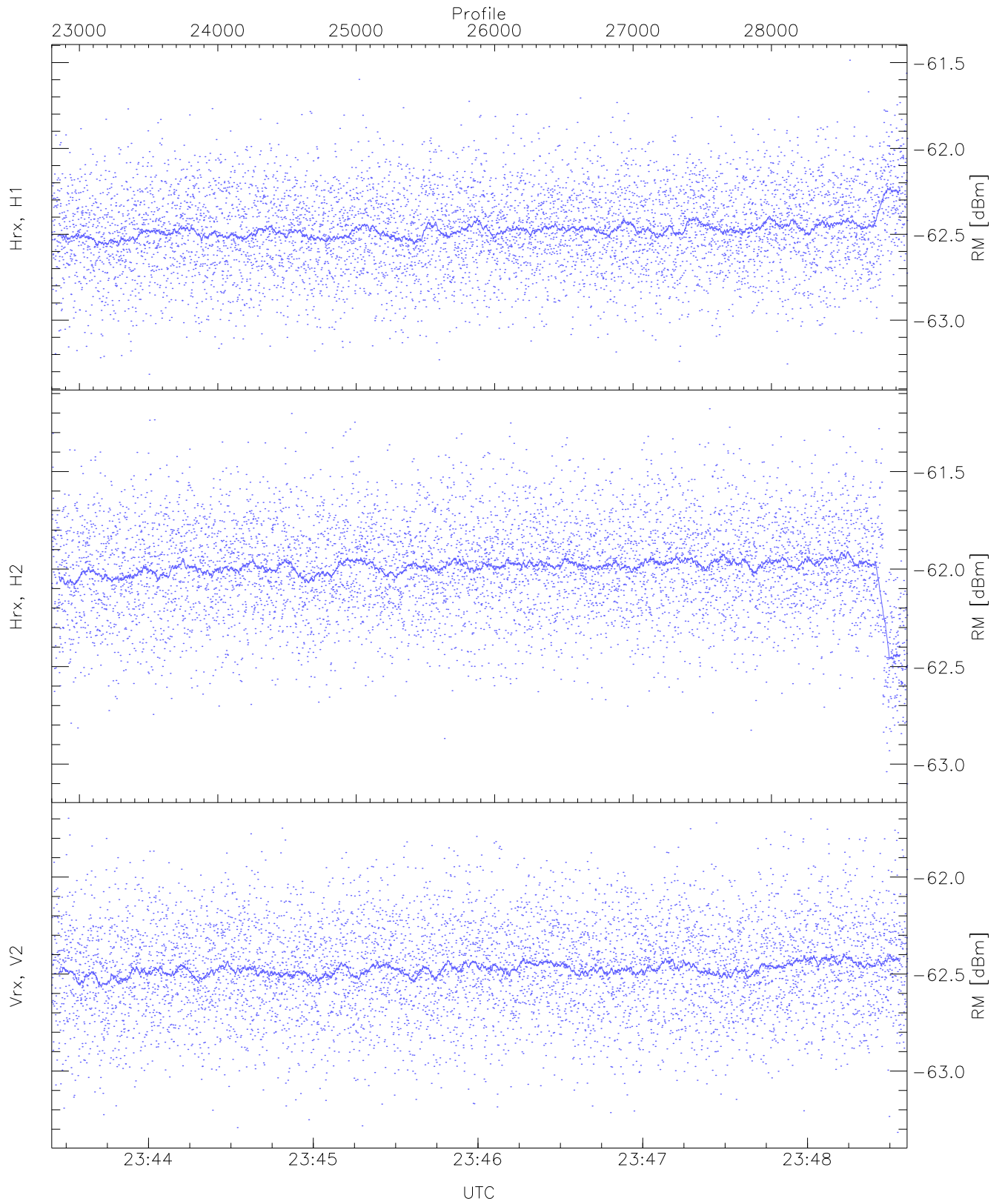
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-62.98	-61.12	-61.96	-61.96	-74.54
Hrx, H2 (WL [dBm])	-62.93	-61.06	-61.95	-61.95	-74.58
Vrx, V2 (WL [dBm])	-63.41	-61.70	-62.53	-62.54	-75.11



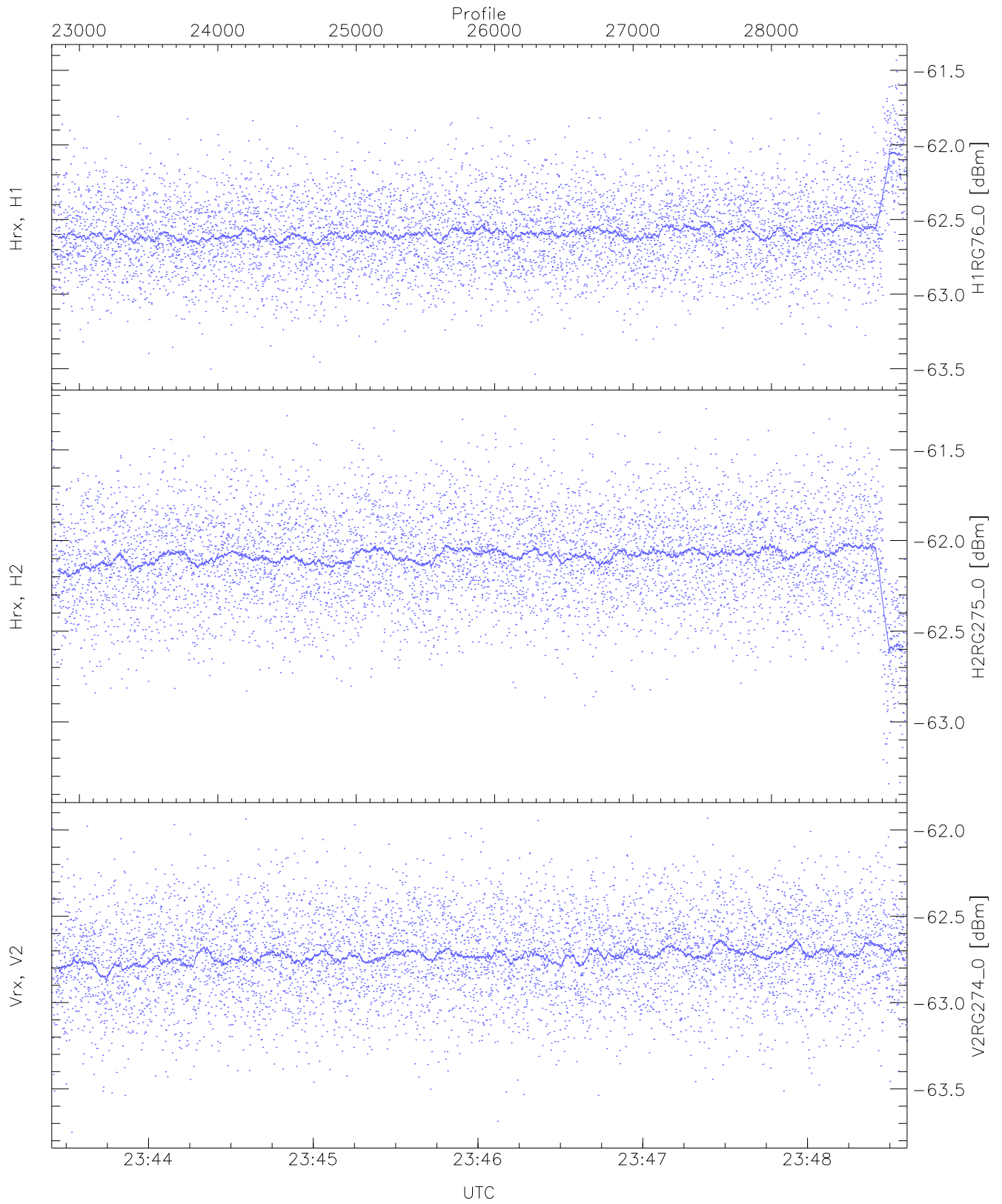
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.67	-60.90	-61.73	-61.73	-74.32
Hrx, H2 (HL [dBm])	-62.73	-60.87	-61.74	-61.74	-74.34
Vrx, V2 (HL [dBm])	-63.16	-61.41	-62.33	-62.34	-74.86



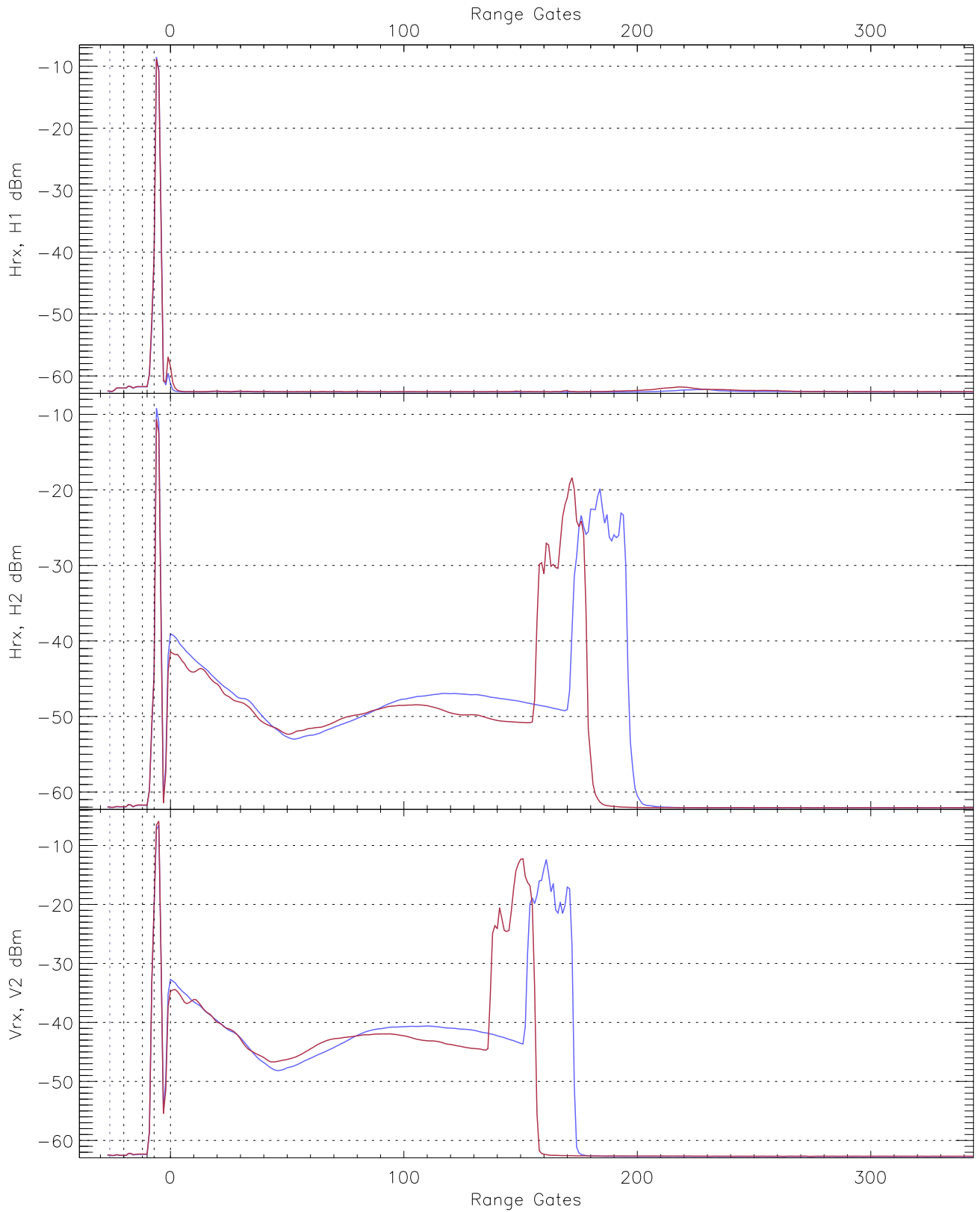
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.32	-61.49	-62.47	-62.48	-74.90
Hrx, H2 (RM [dBm])	-63.10	-61.18	-62.00	-62.00	-74.34
Vrx, V2 (RM [dBm])	-63.32	-61.70	-62.47	-62.48	-74.99

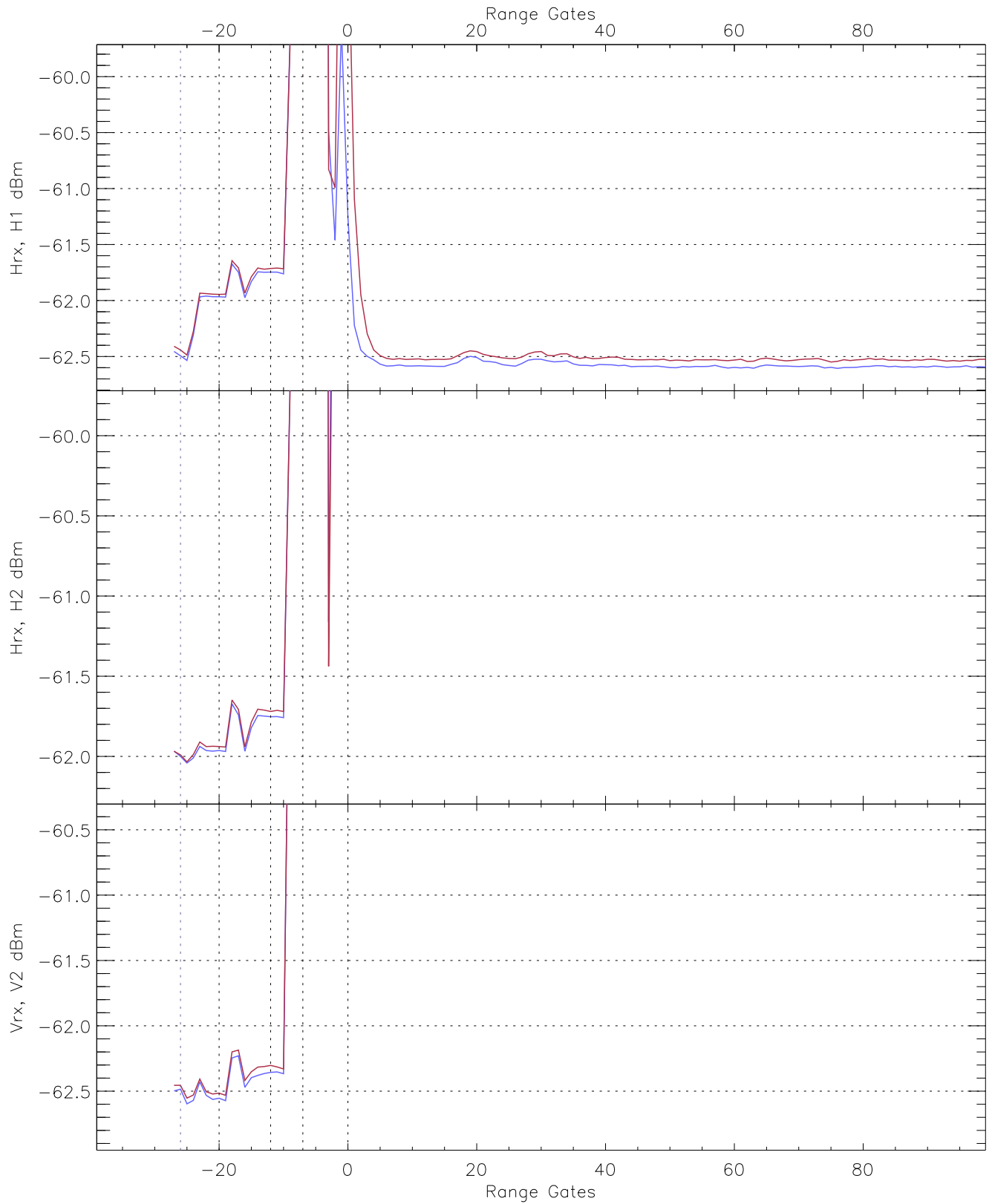


WCR2 CPP "Best" estimate Receivers Noise Power

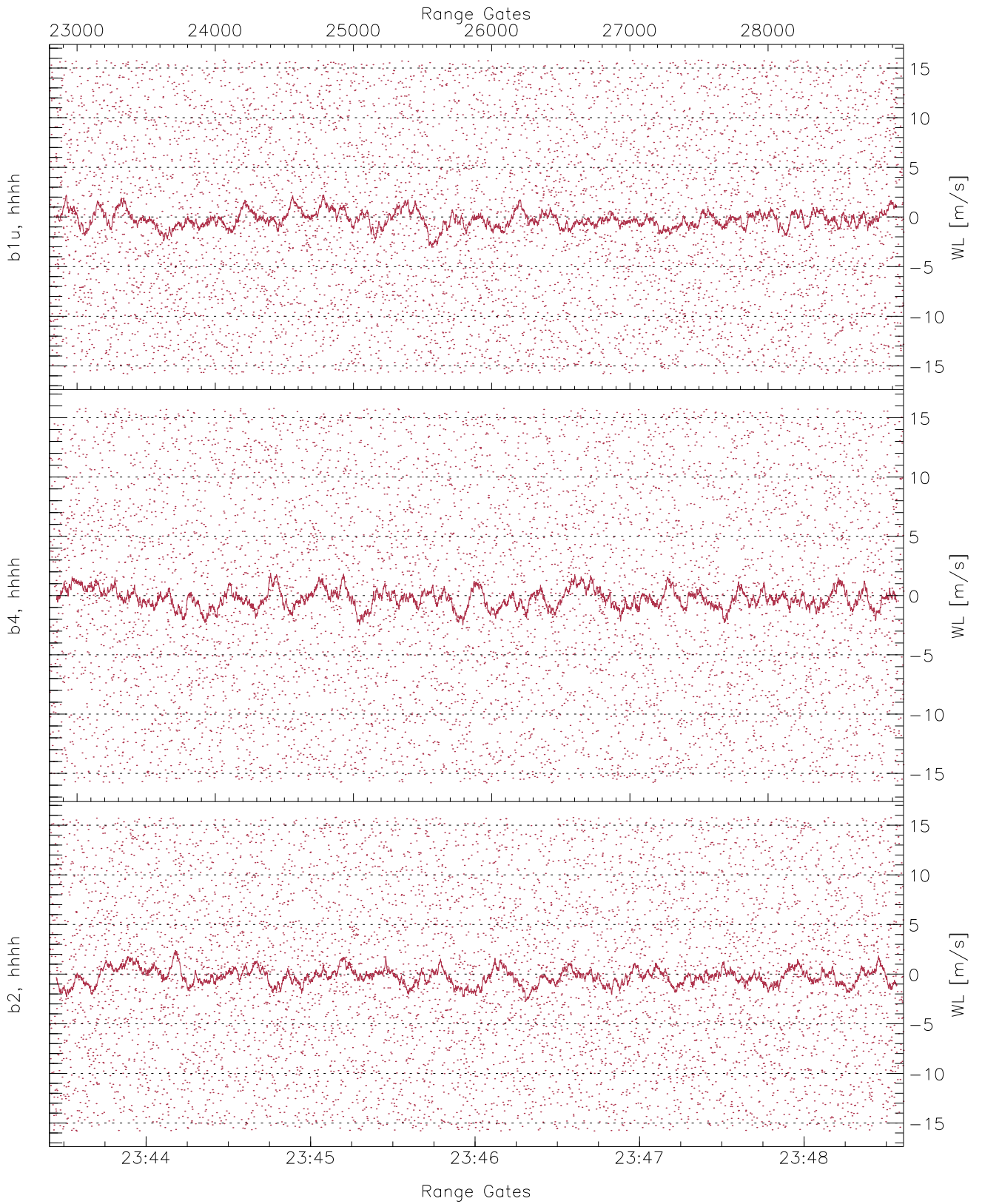
	Min	Max	Mean	Median	StDev
H1RG76_0 [dBm]	-63.54	-61.43	-62.57	-62.59	-74.80
H2RG275_0 [dBm]	-63.34	-61.27	-62.09	-62.10	-74.35
V2RG274_0 [dBm]	-63.75	-61.93	-62.73	-62.73	-75.23



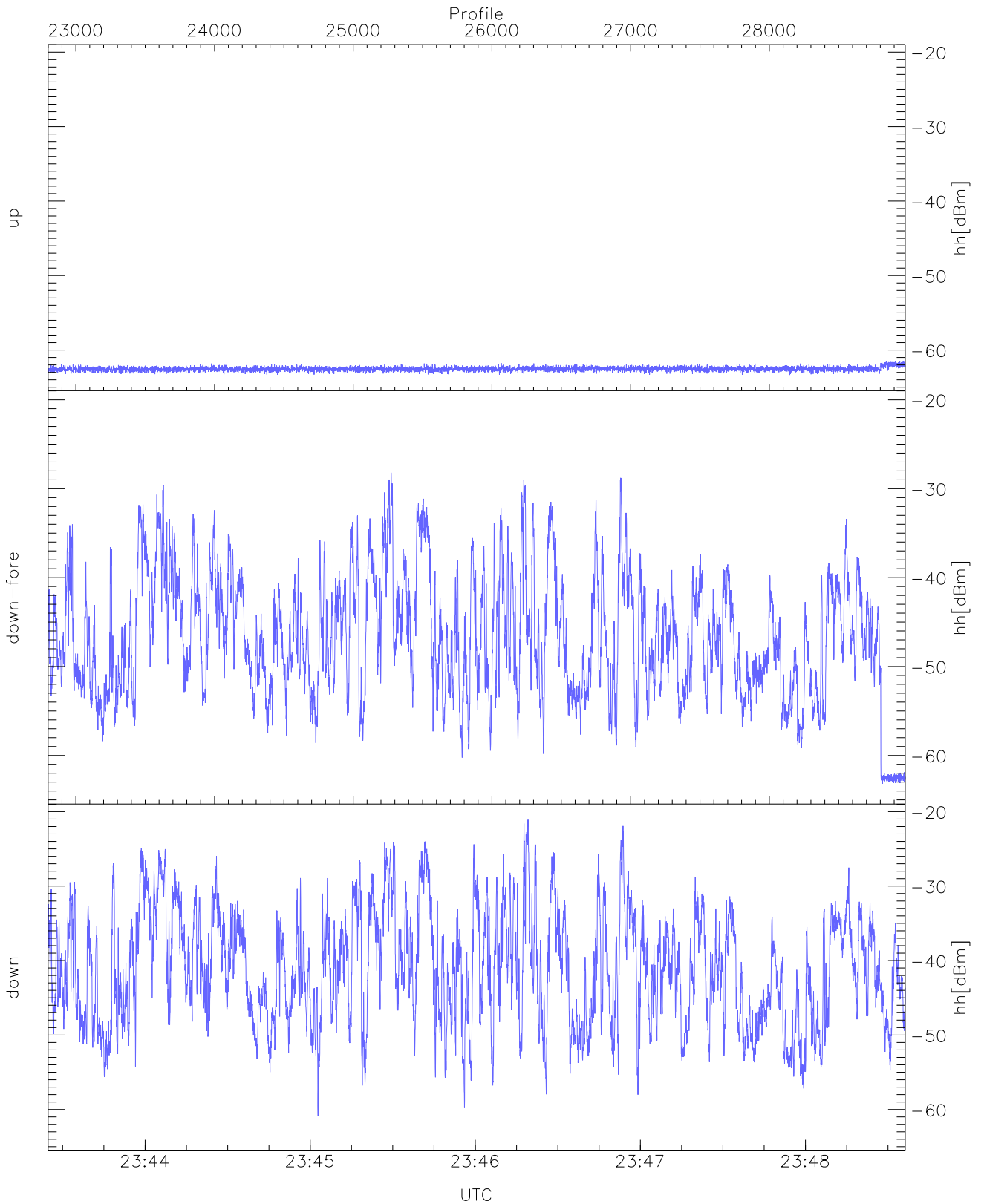
WCR2 CPP Averaged Received power for all recorded gates
blue: 234325-234601, 3091 profiles averaged
red: 234601-234836, 3091 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 234325-234601, 3091 profiles averaged
red: 234601-234836, 3091 profiles averaged

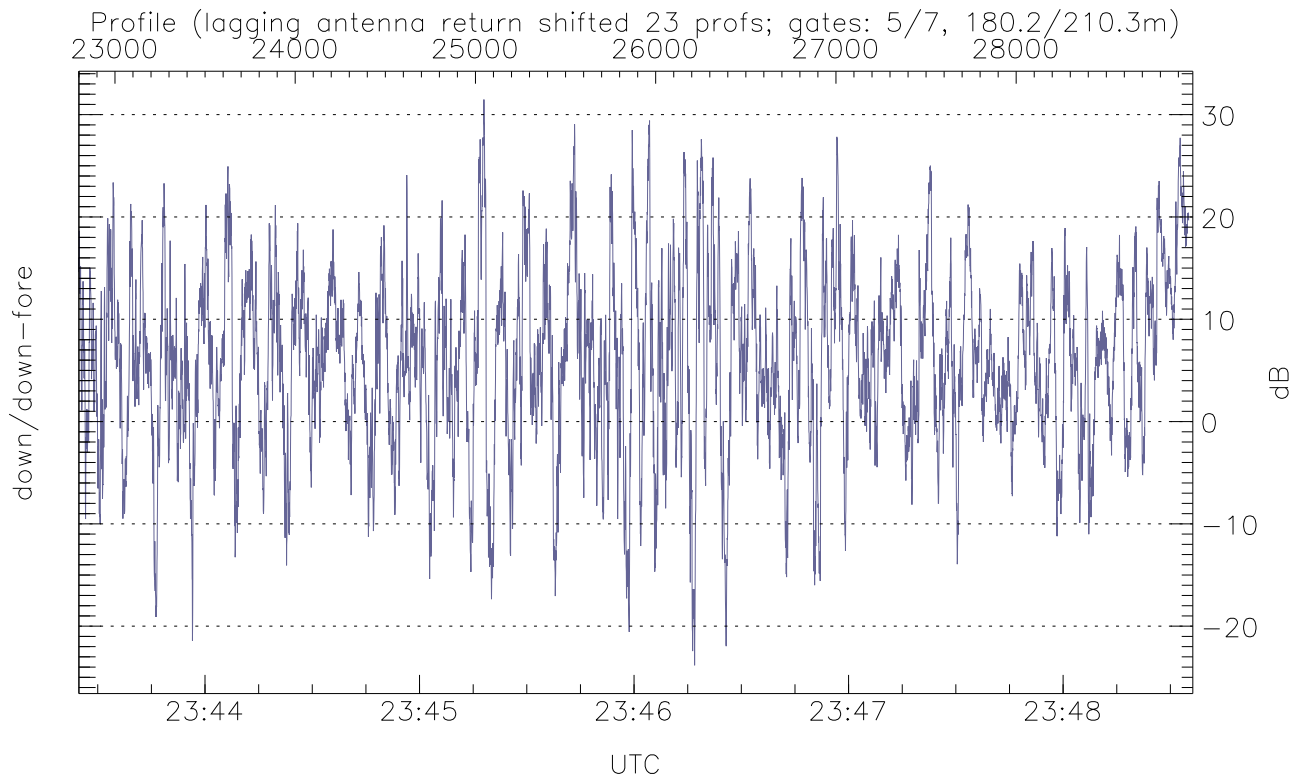
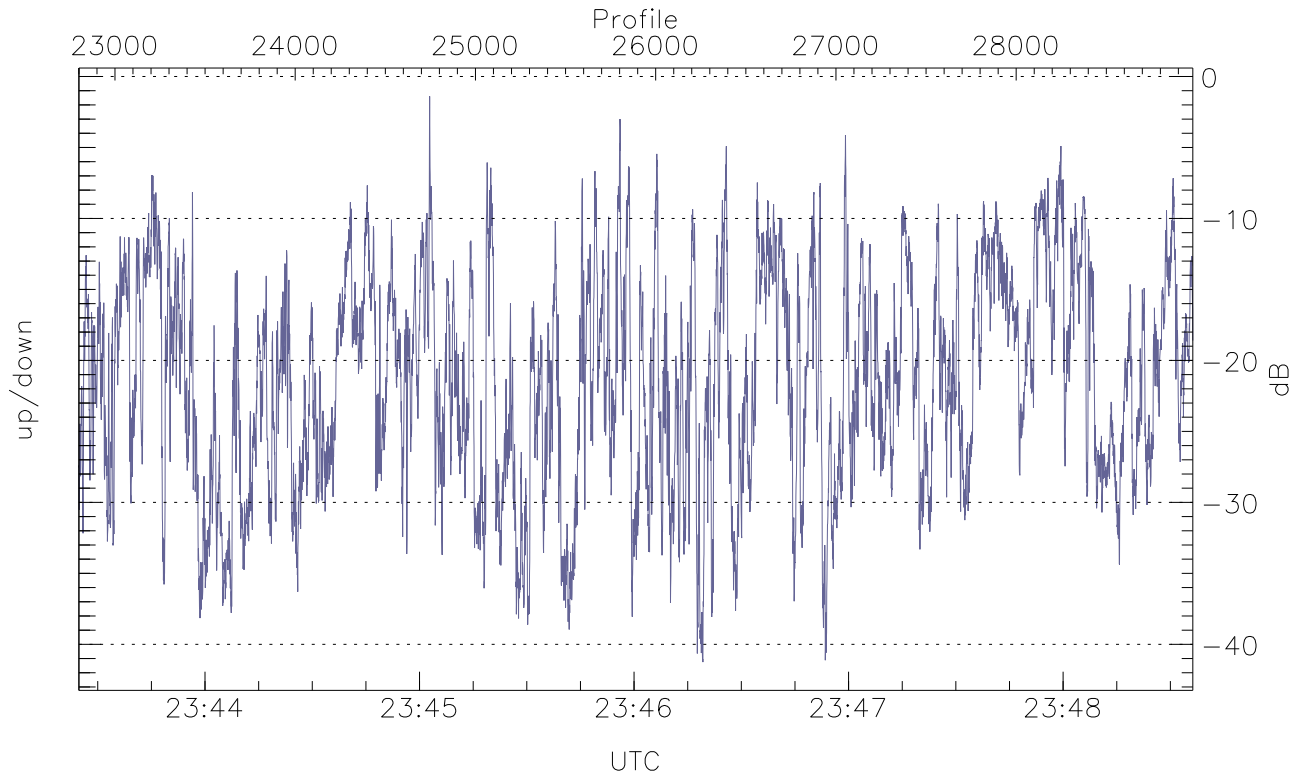


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



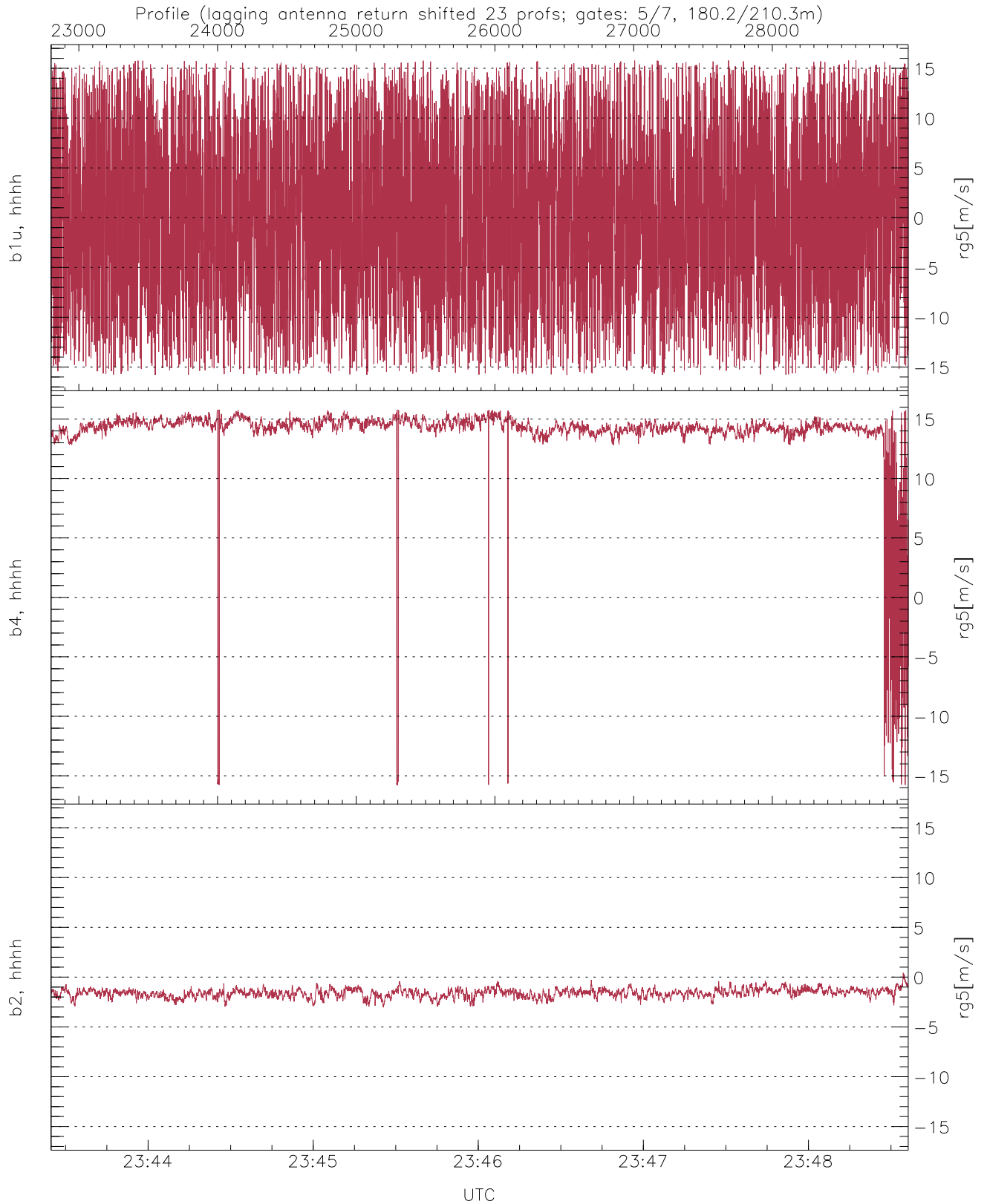
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.35	-61.52	-62.53
down-fore(hh[dBm])	-63.18	-28.20	-41.58
down(hh[dBm])	-60.85	-21.09	-35.26



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

	Min	Max	Mean
up/down (dB)	-41.25	-1.39	-21.46
down/down-fore (dB)	-23.82	31.48	6.04



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.79	-0.03	8.86
b4, hhhh(rg5[m/s])	-15.80	15.79	13.88	3.37
b2, hhhh(rg5[m/s])	-3.04	0.43	-1.61	0.43