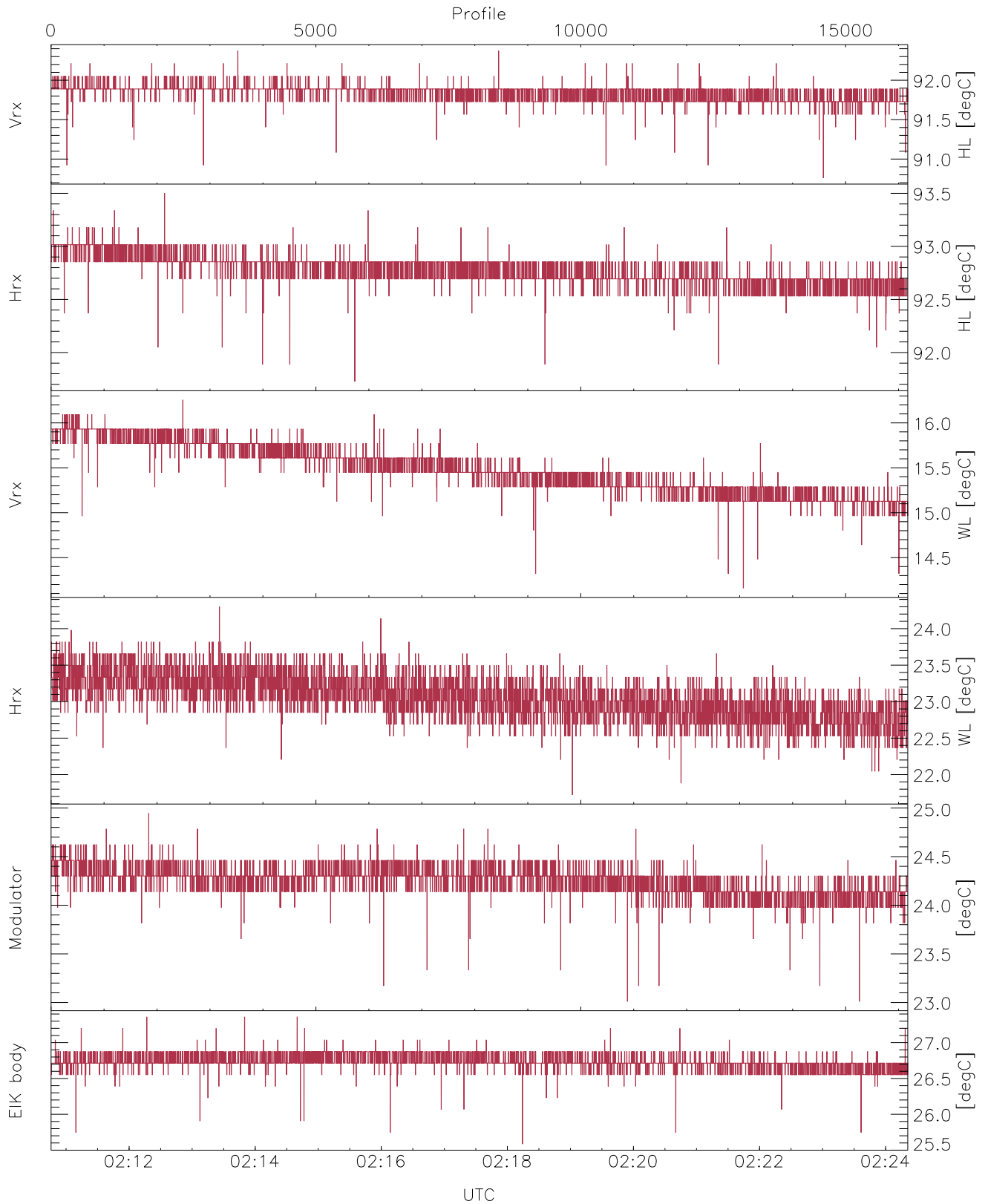


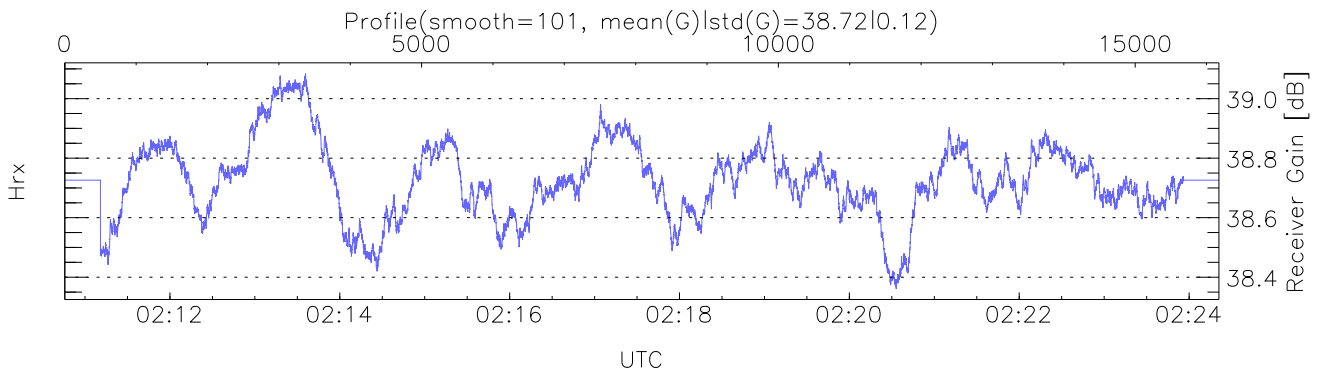
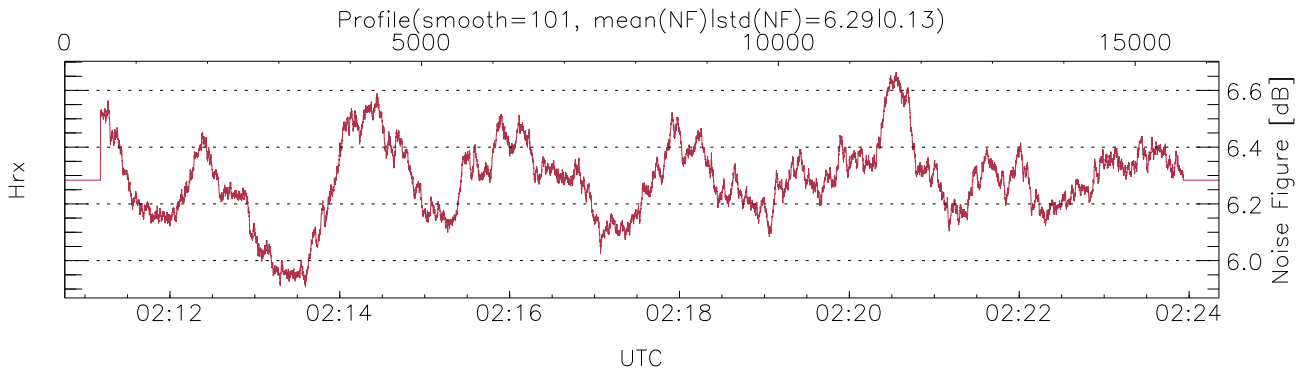
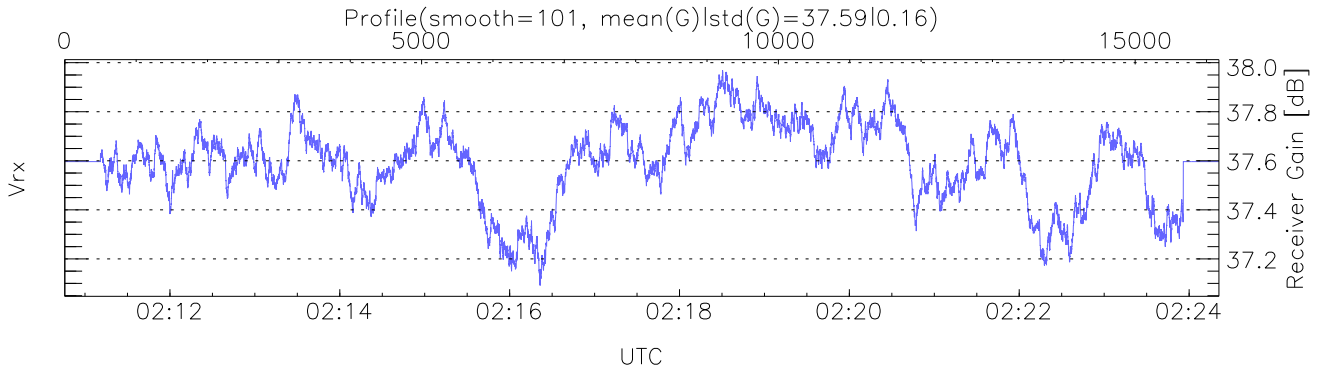
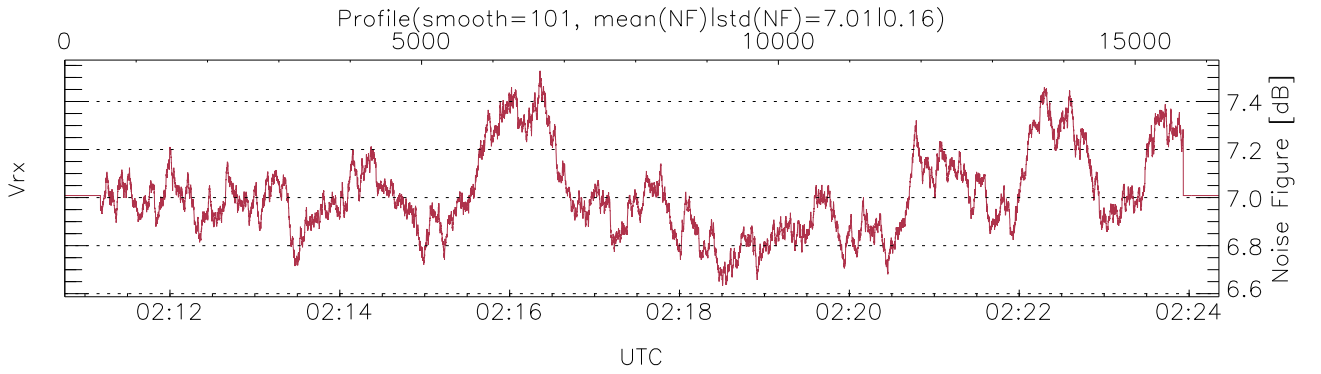
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 02:10:46-02:24:21, Dur: 815.37s
 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): 16175/16175, 0-16174/02:10:46-02:24:21
 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



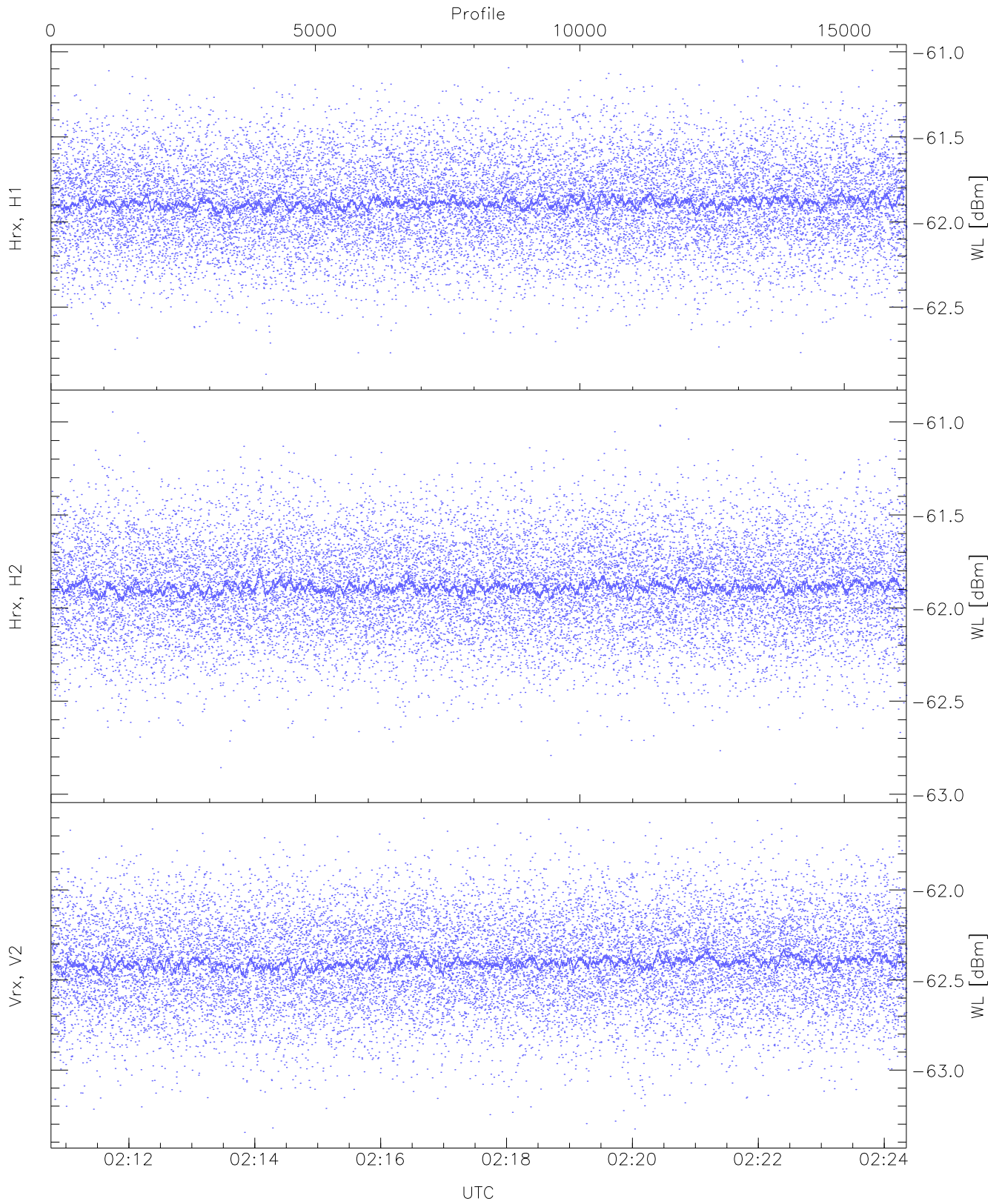
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,14,21,23,25`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,16,24,24,27`
`LOalarm(20,80,240,2.8,14.8 MHz): None`
`EIK Faults(# prof affected):`
`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (5,5,17,17,11,27)`



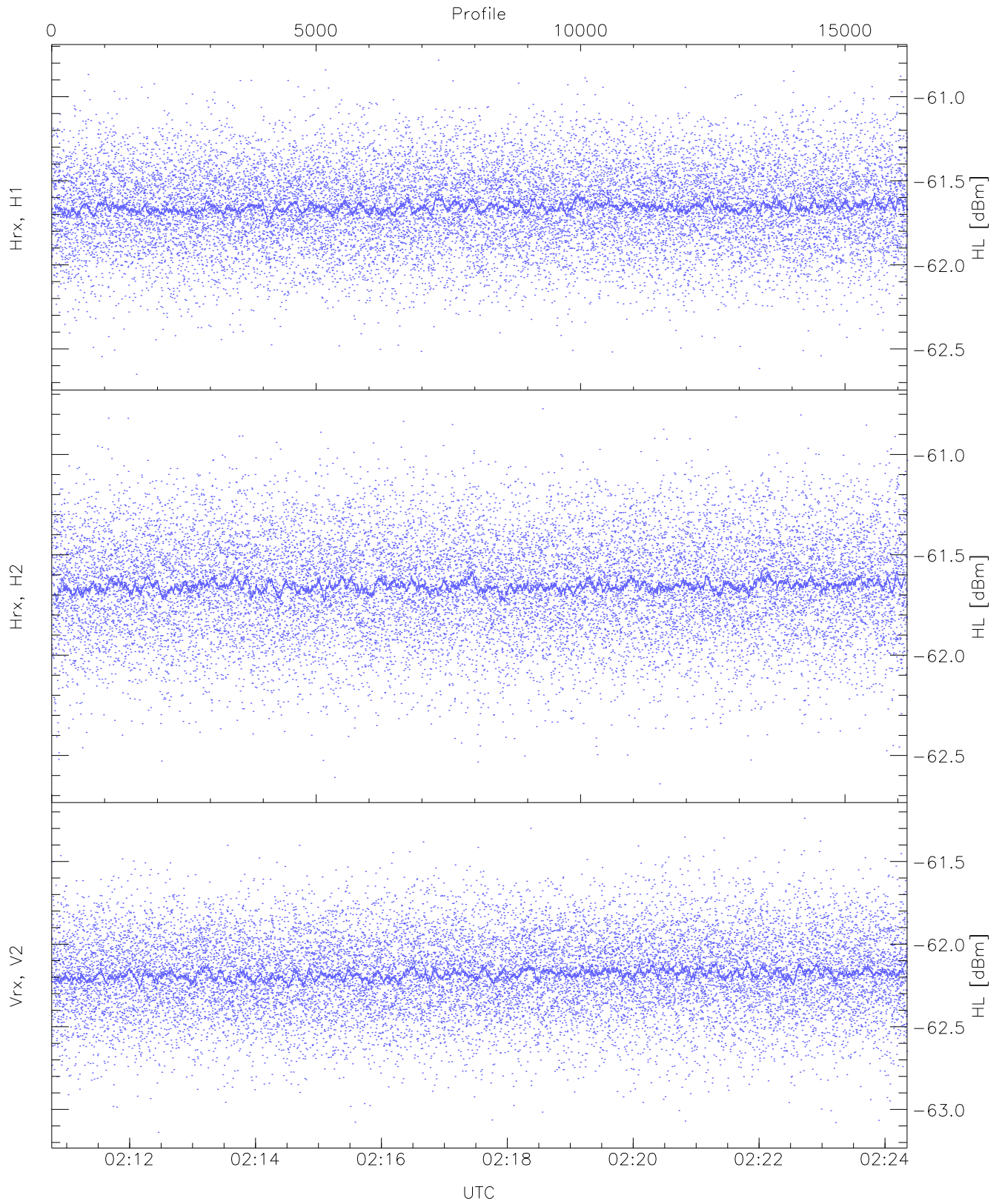
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 16205 pixs, 8 gates, 14838 profs, 1 prods



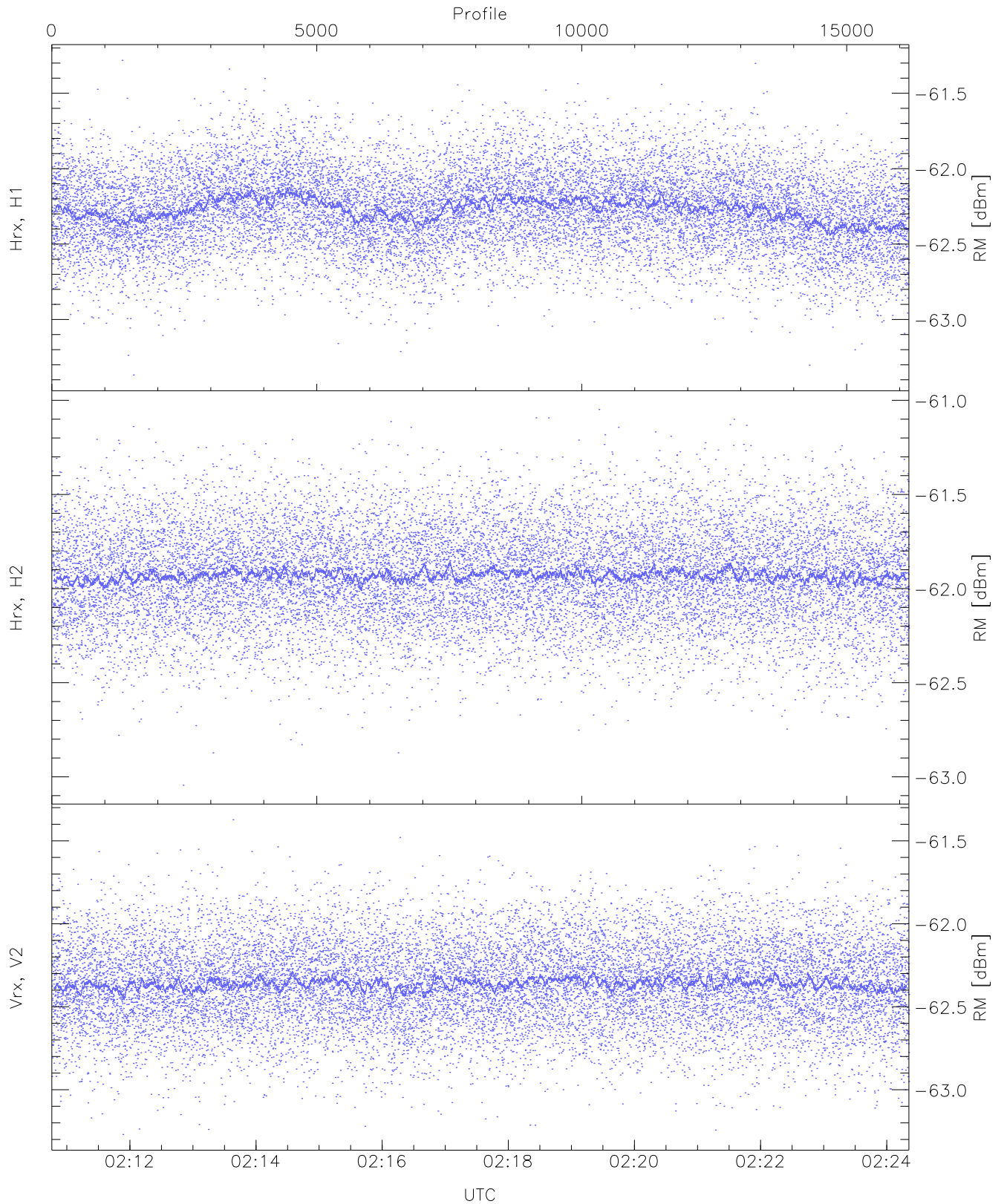
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.89	-61.05	-61.88	-61.89	-74.44
Hrx, H2(WL [dBm])	-62.94	-60.93	-61.88	-61.89	-74.43
Vrx, V2(WL [dBm])	-63.35	-61.60	-62.40	-62.41	-75.01



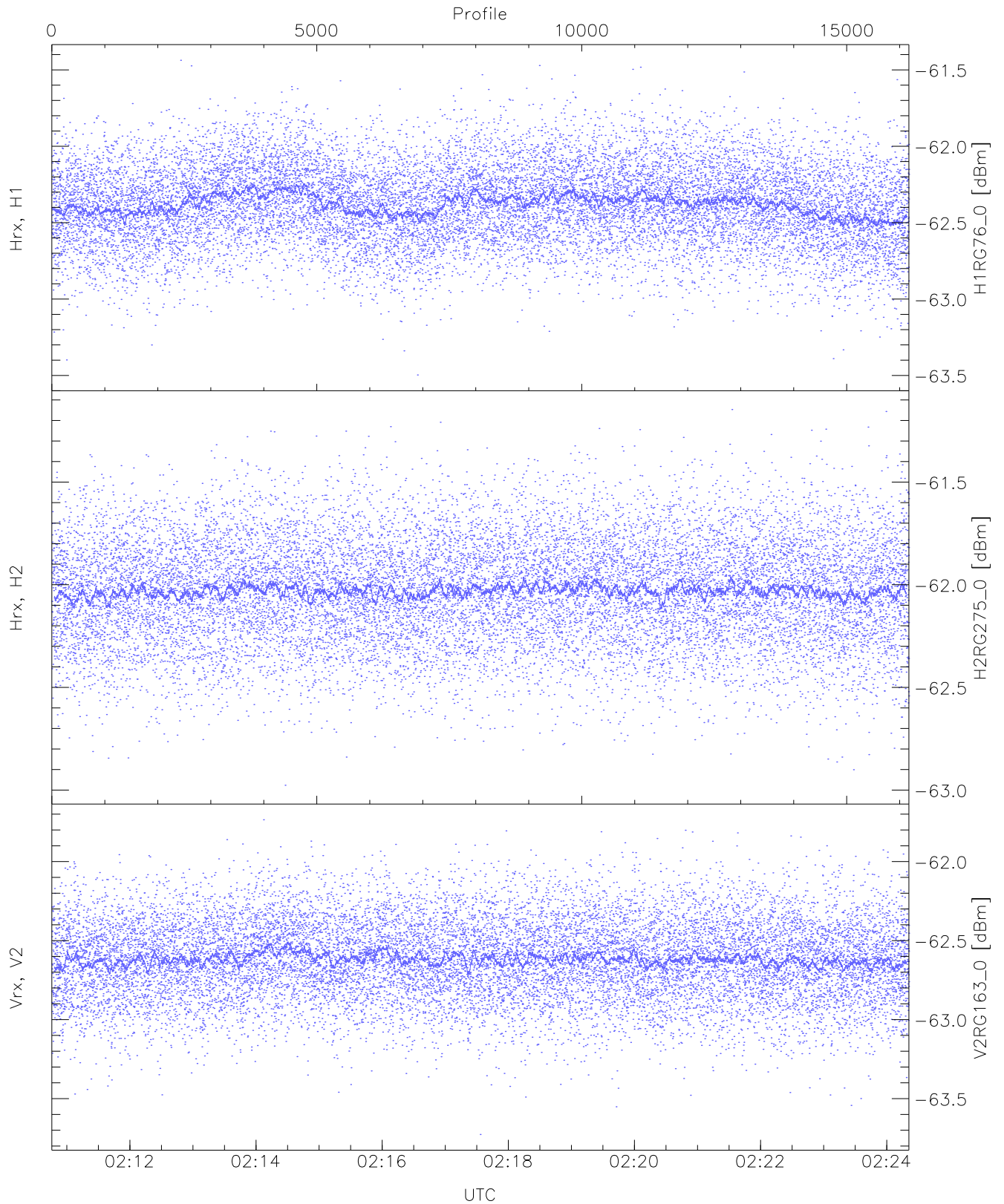
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.65	-60.78	-61.65	-61.66	-74.25
Hrx, H2 (HL [dBm])	-62.64	-60.77	-61.65	-61.66	-74.19
Vrx, V2 (HL [dBm])	-63.14	-61.24	-62.18	-62.18	-74.76



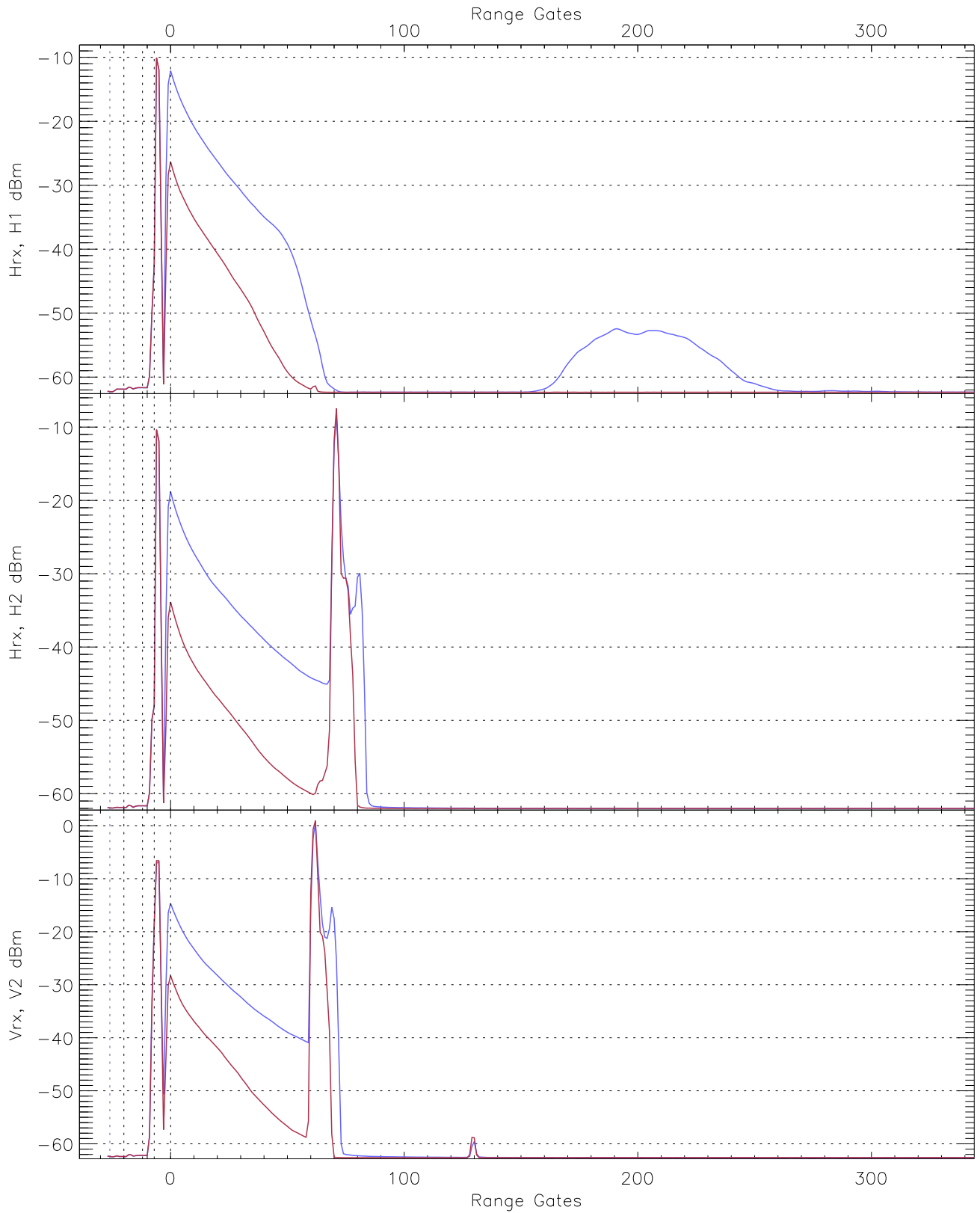
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.37	-61.28	-62.27	-62.27	-74.71
Hrx, H2 (RM [dBm])	-63.04	-61.05	-61.93	-61.93	-74.48
Vrx, V2 (RM [dBm])	-63.27	-61.37	-62.36	-62.36	-74.91

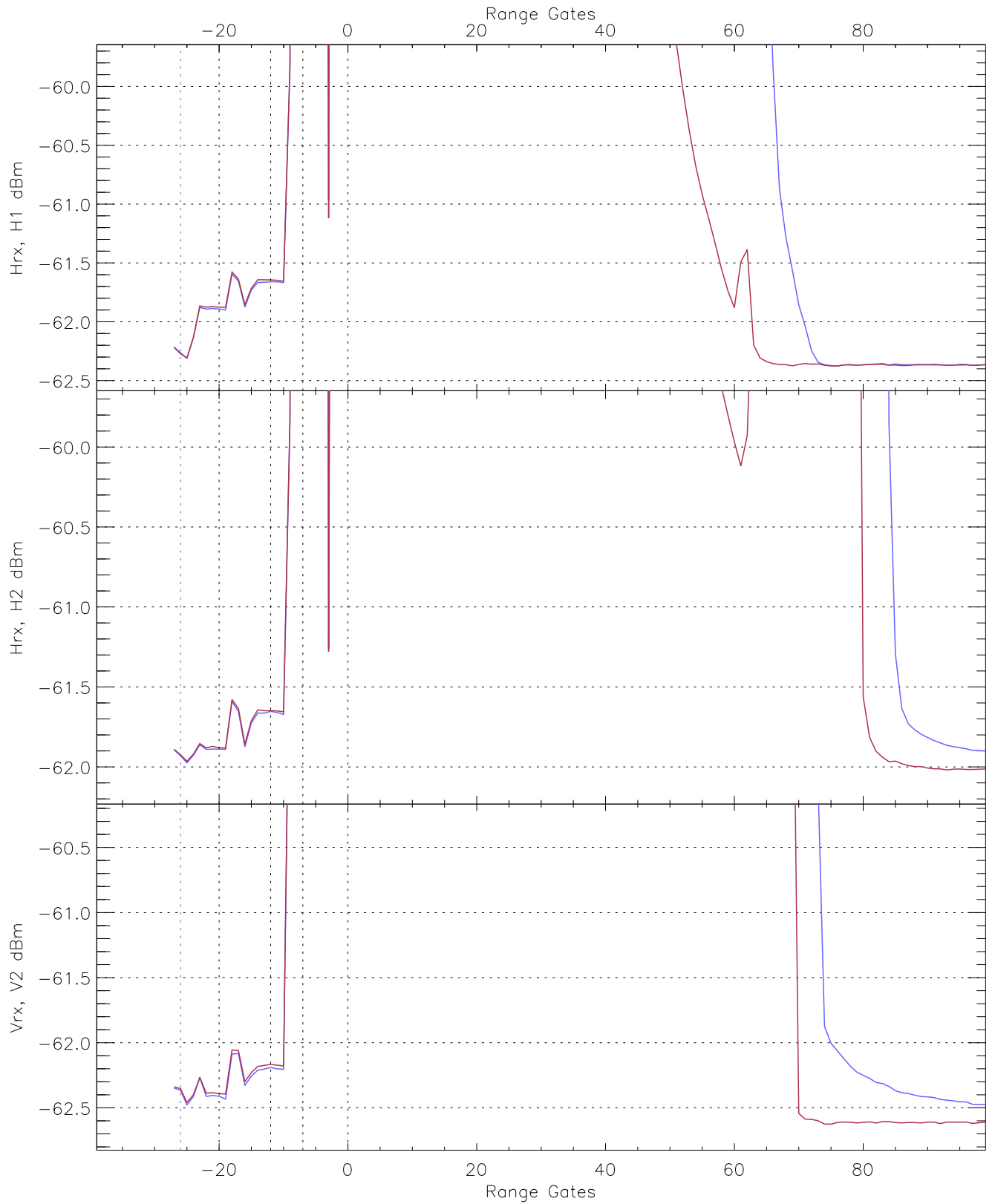


WCR2 CPP "Best" estimate Receivers Noise Power

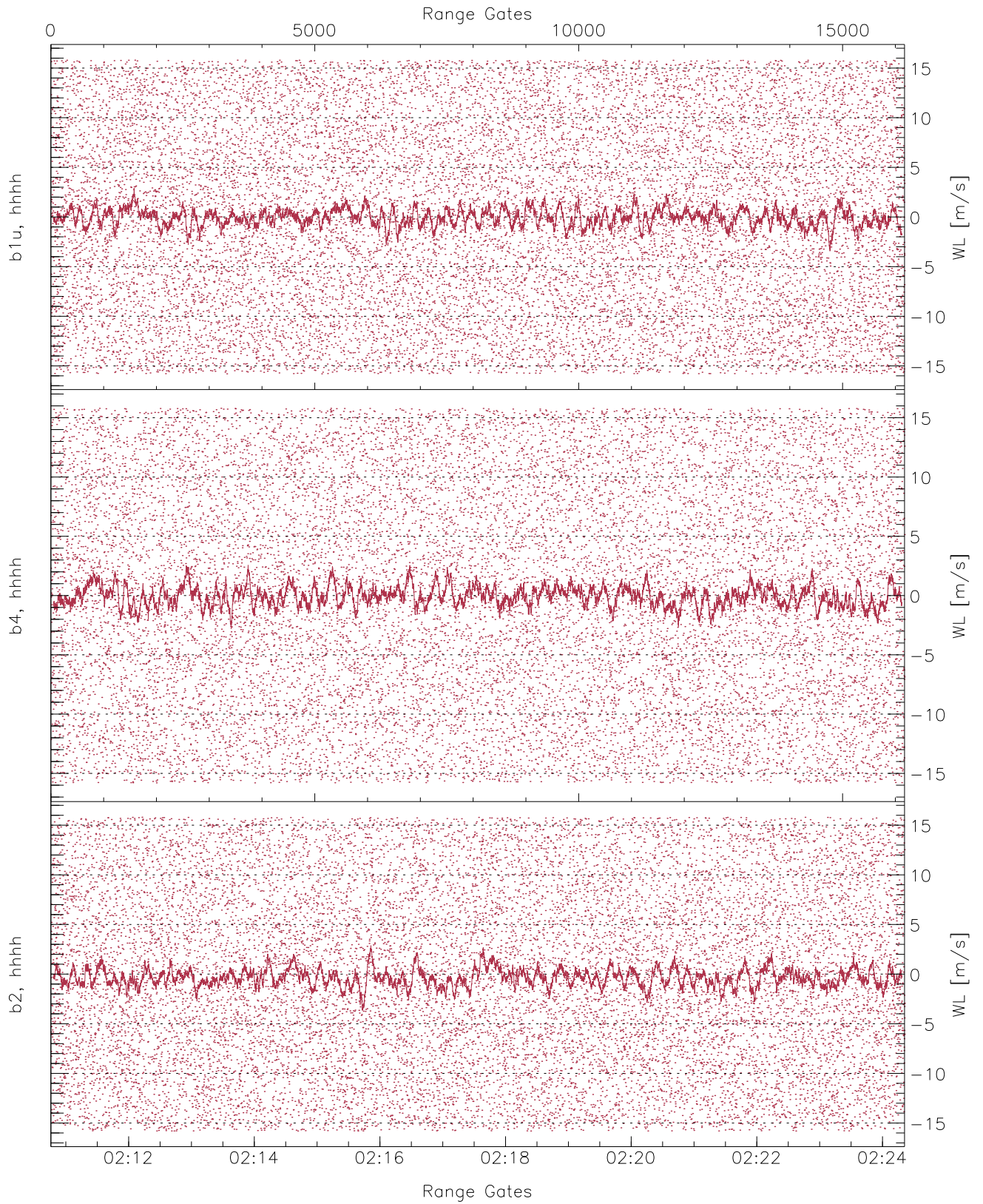
	Min	Max	Mean	Median	StDev
H1RG76_0 [dBm]	-63.50	-61.44	-62.38	-62.38	-74.79
H2RG275_0 [dBm]	-62.98	-61.15	-62.03	-62.03	-74.57
V2RG163_0 [dBm]	-63.73	-61.74	-62.61	-62.62	-75.17



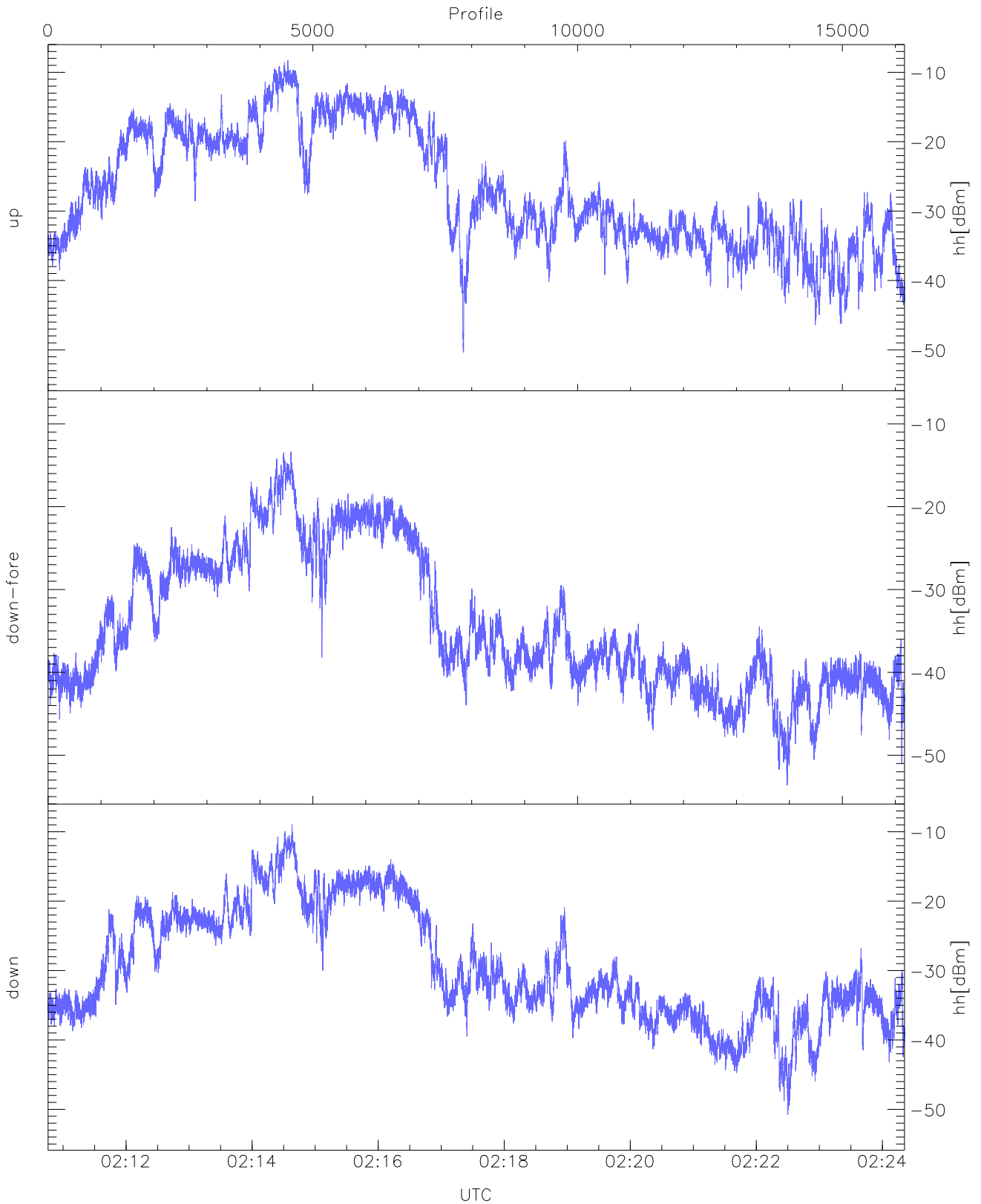
WCR2 CPP Averaged Received power for all recorded gates
blue: 021046-021733, 8088 profiles averaged
red: 021733-022421, 8088 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 021046-021733, 8088 profiles averaged
red: 021733-022421, 8088 profiles averaged

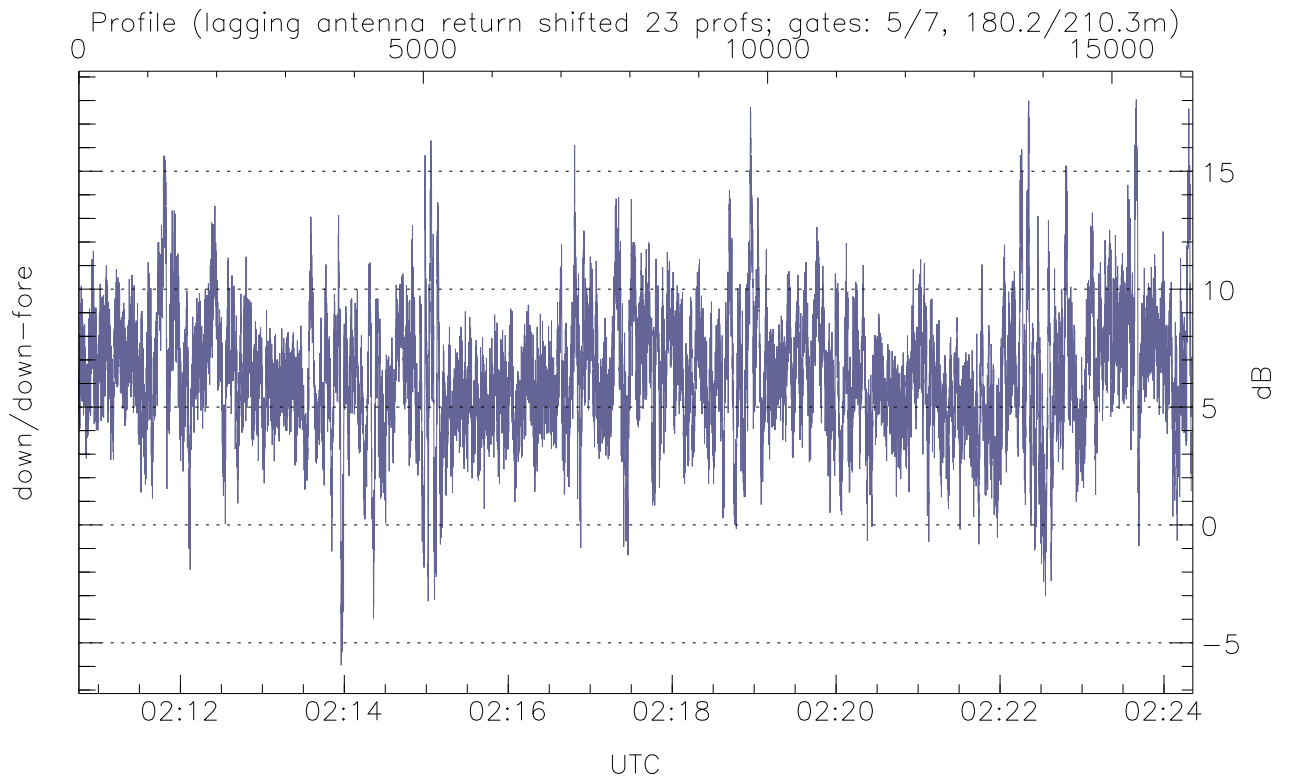
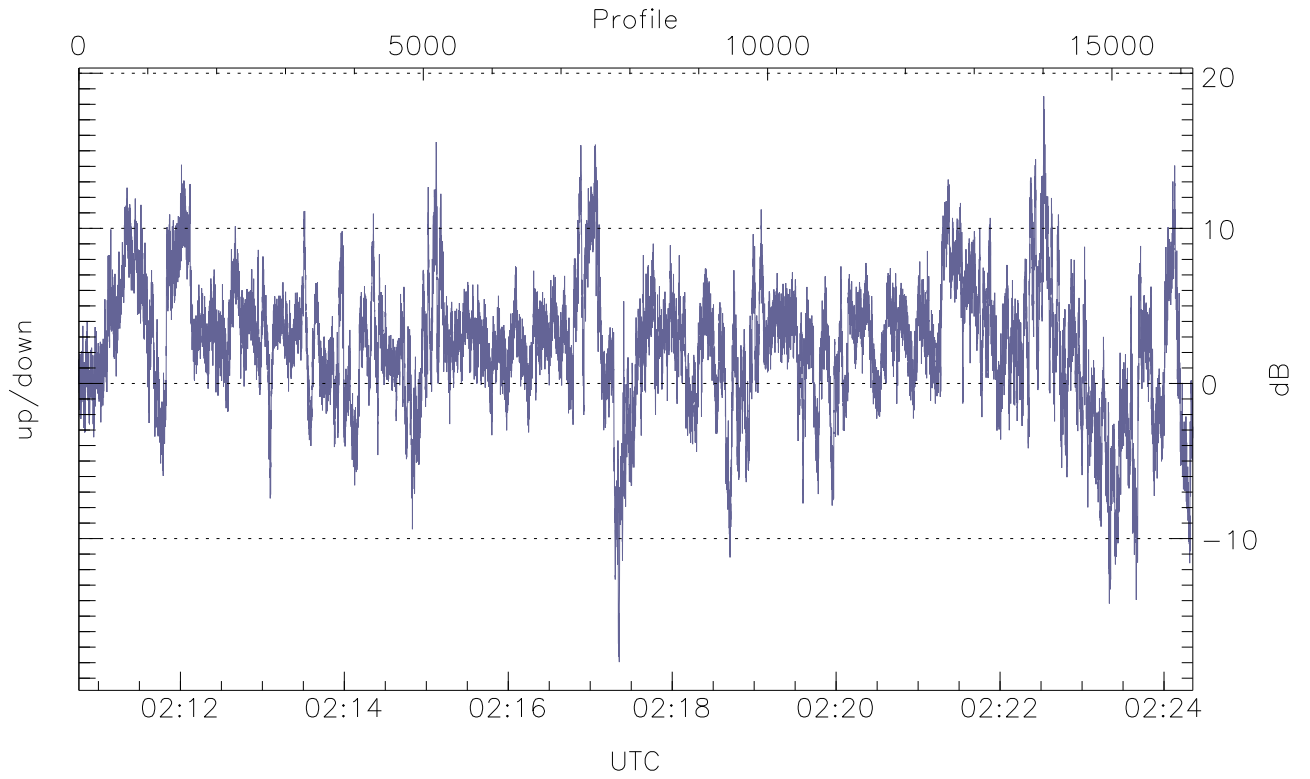


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



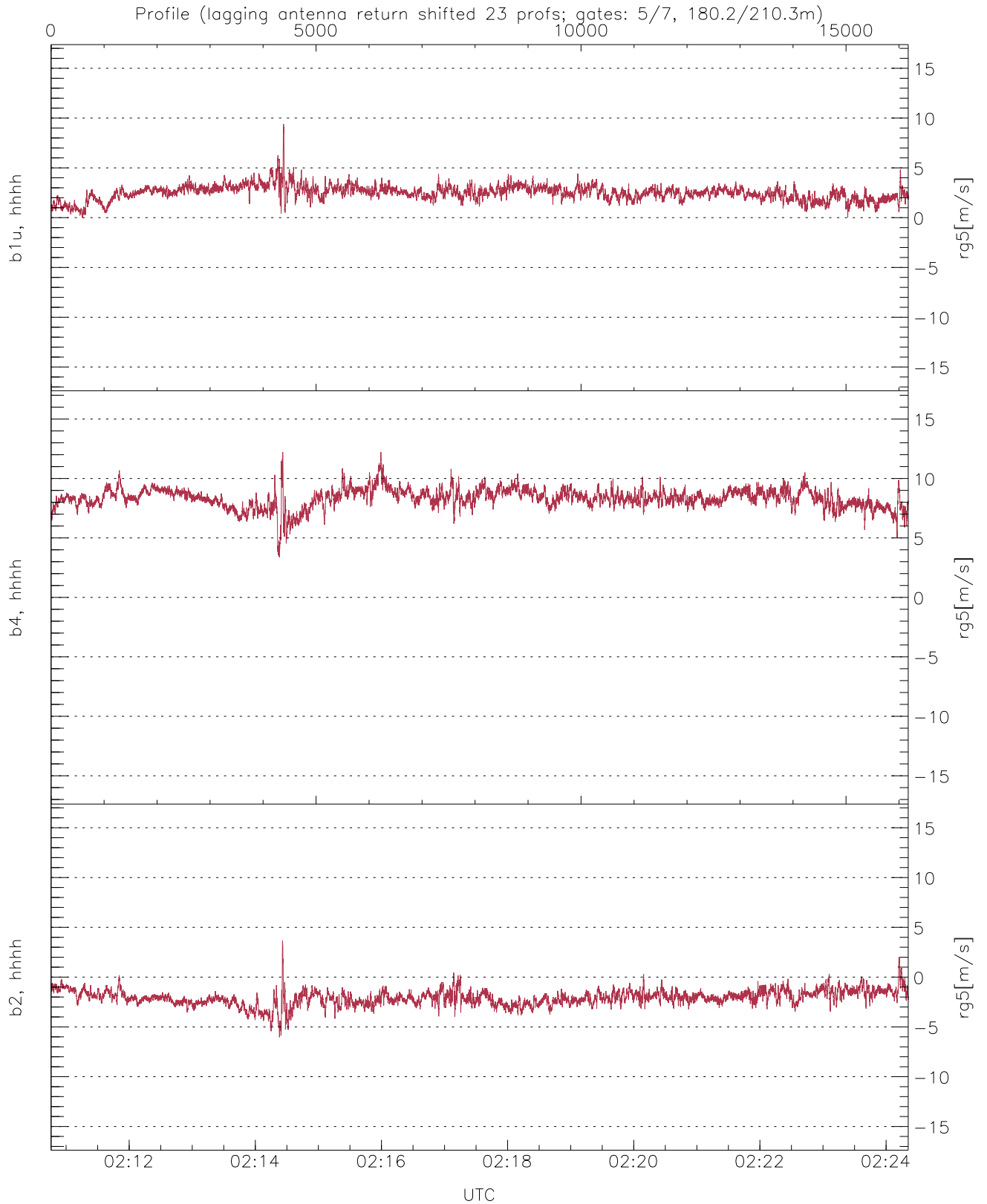
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-50.35	-8.27	-20.09
down-fore(hh[dBm])	-53.62	-13.32	-26.71
down(hh[dBm])	-50.80	-8.92	-22.59



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

	Min	Max	Mean
up/down (dB)	-17.96	18.51	2.45
down/down-fore (dB)	-5.95	18.04	6.35



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-0.00	9.41	2.48	0.74
b4, hhhh(rg5[m/s])	3.39	12.23	8.33	0.82
b2, hhhh(rg5[m/s])	-6.04	3.67	-2.08	0.77