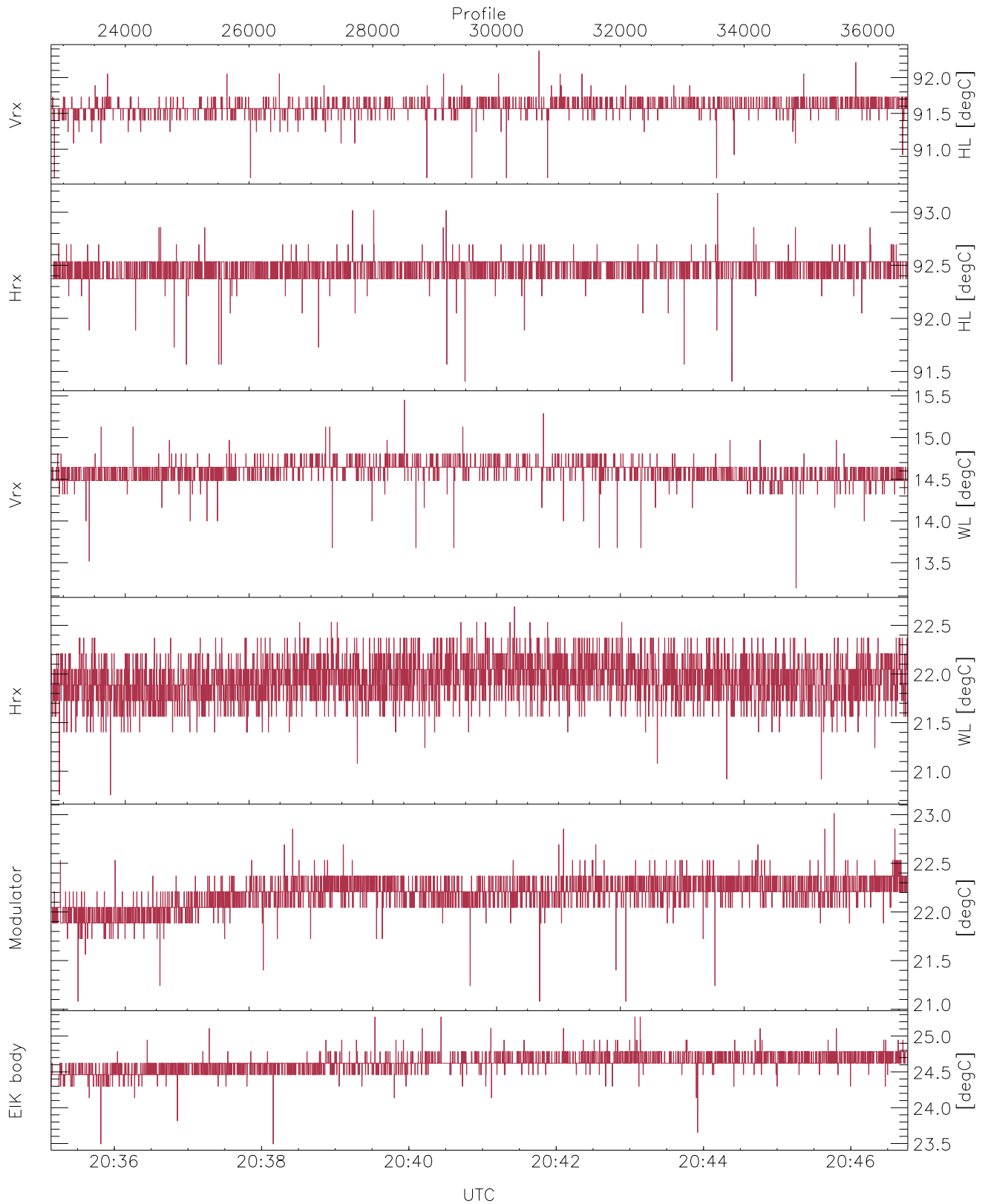


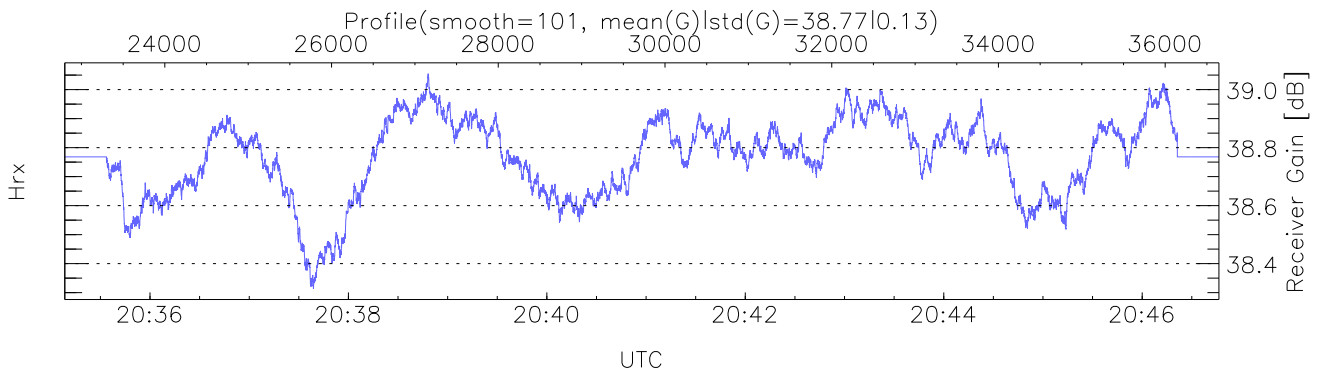
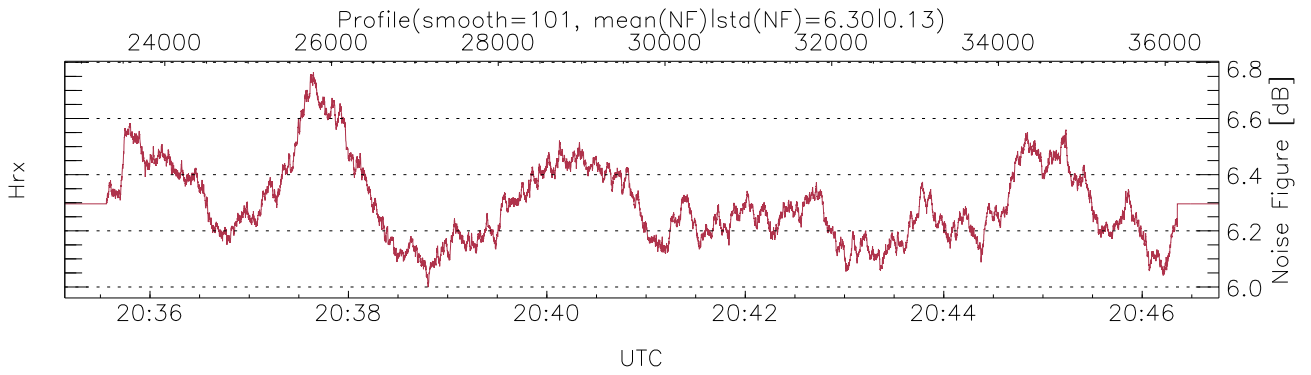
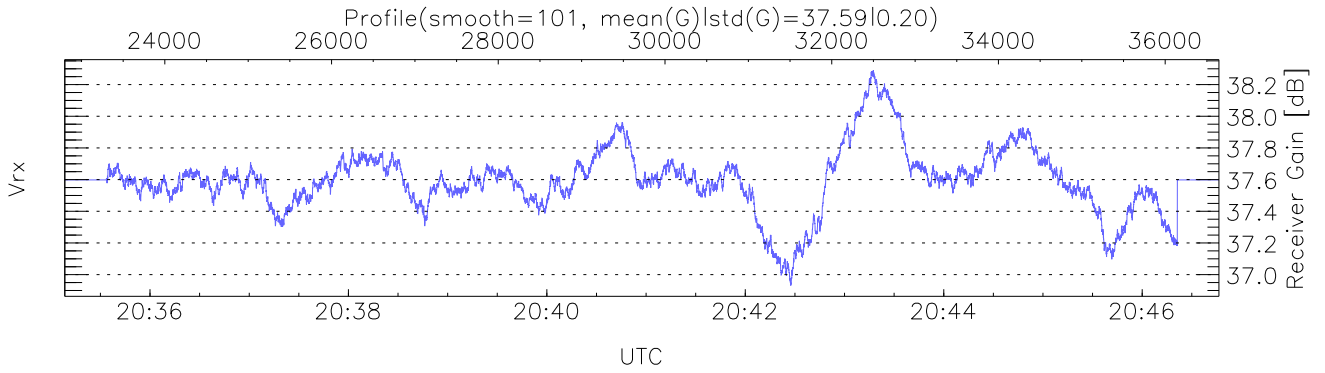
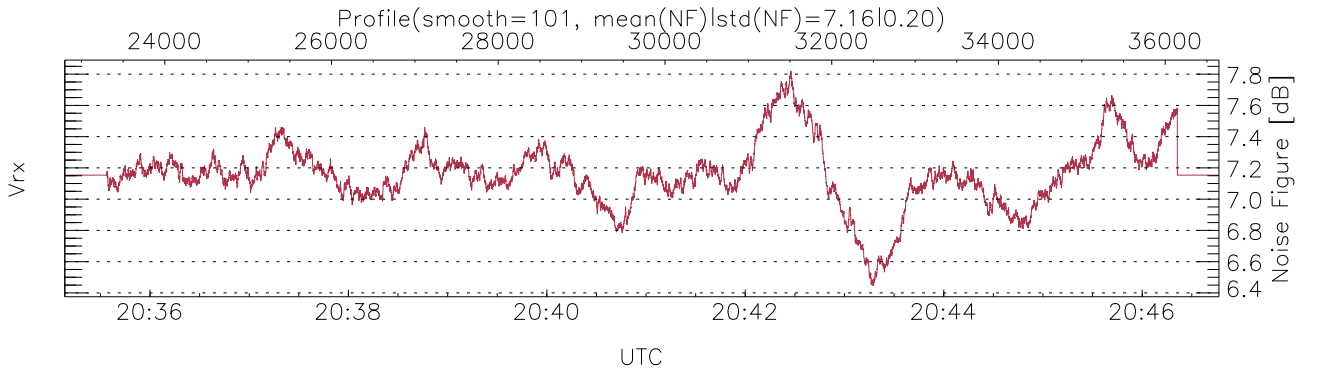
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 20:15:59-20:46:46, Dur: 1847.37s
 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): 13846/36646, 22800-36645/20:35:08-20:46:46
 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



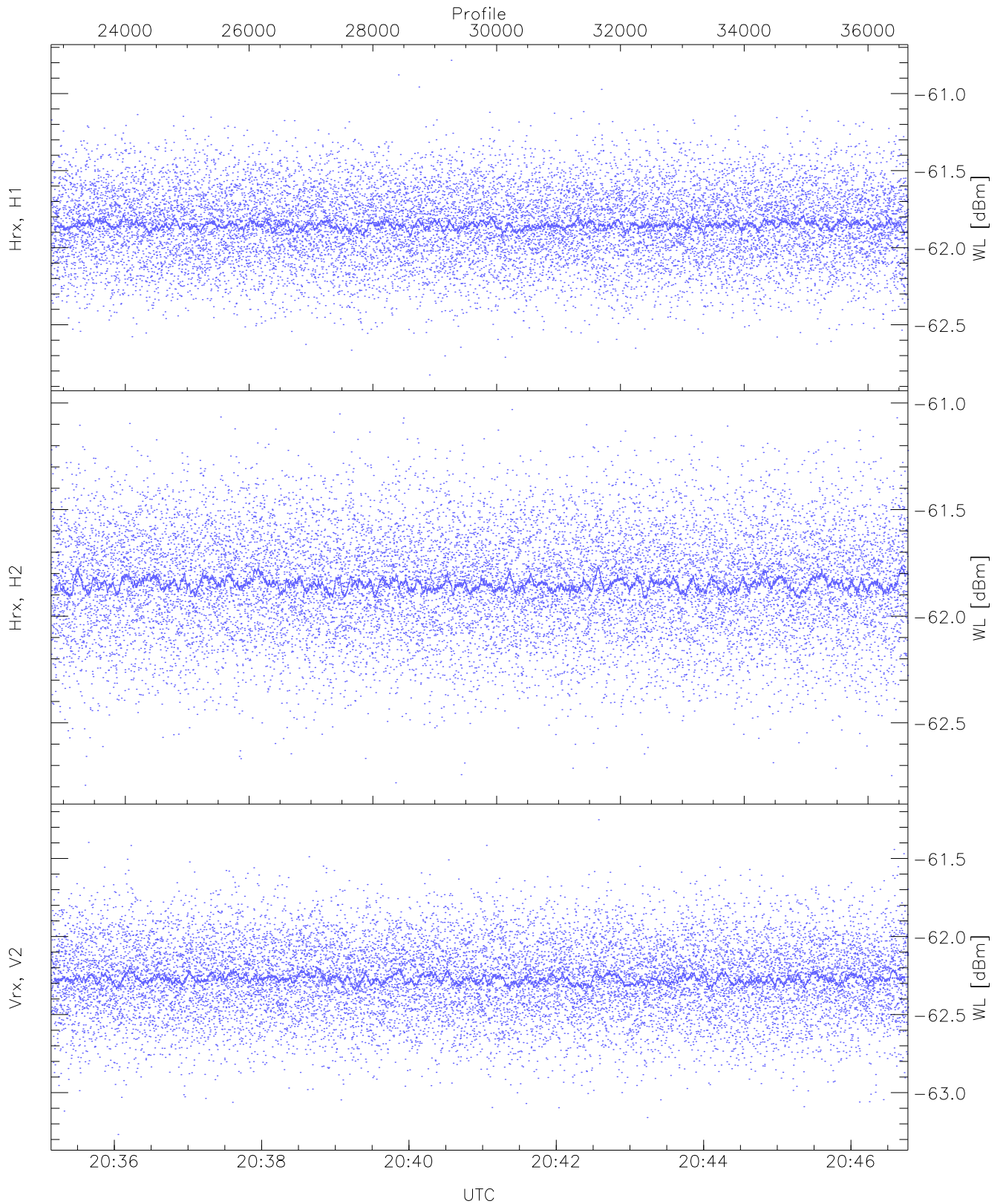
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,13,20,21,23`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,15,22,23,25`
`LOalarm(20,80,240,2.8,14.8 MHz): None`
`EIK Faults(# prof affected):`
`DeckT,BodyCurr,DeckF,OverDuty,HVPS (5,5,5,5,5)`



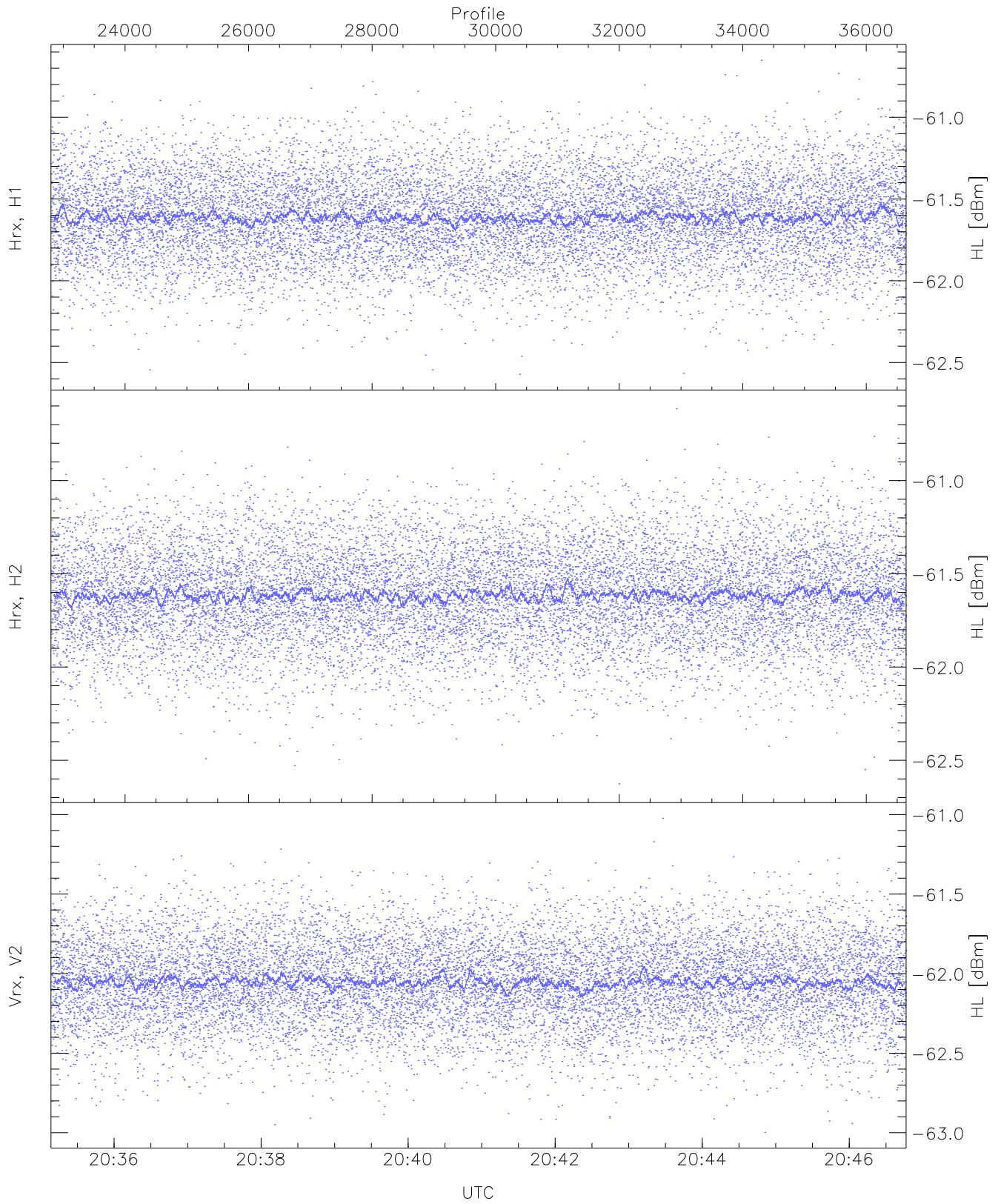
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 2941 pixs, 17 gates, 2891 profs, 3 prods



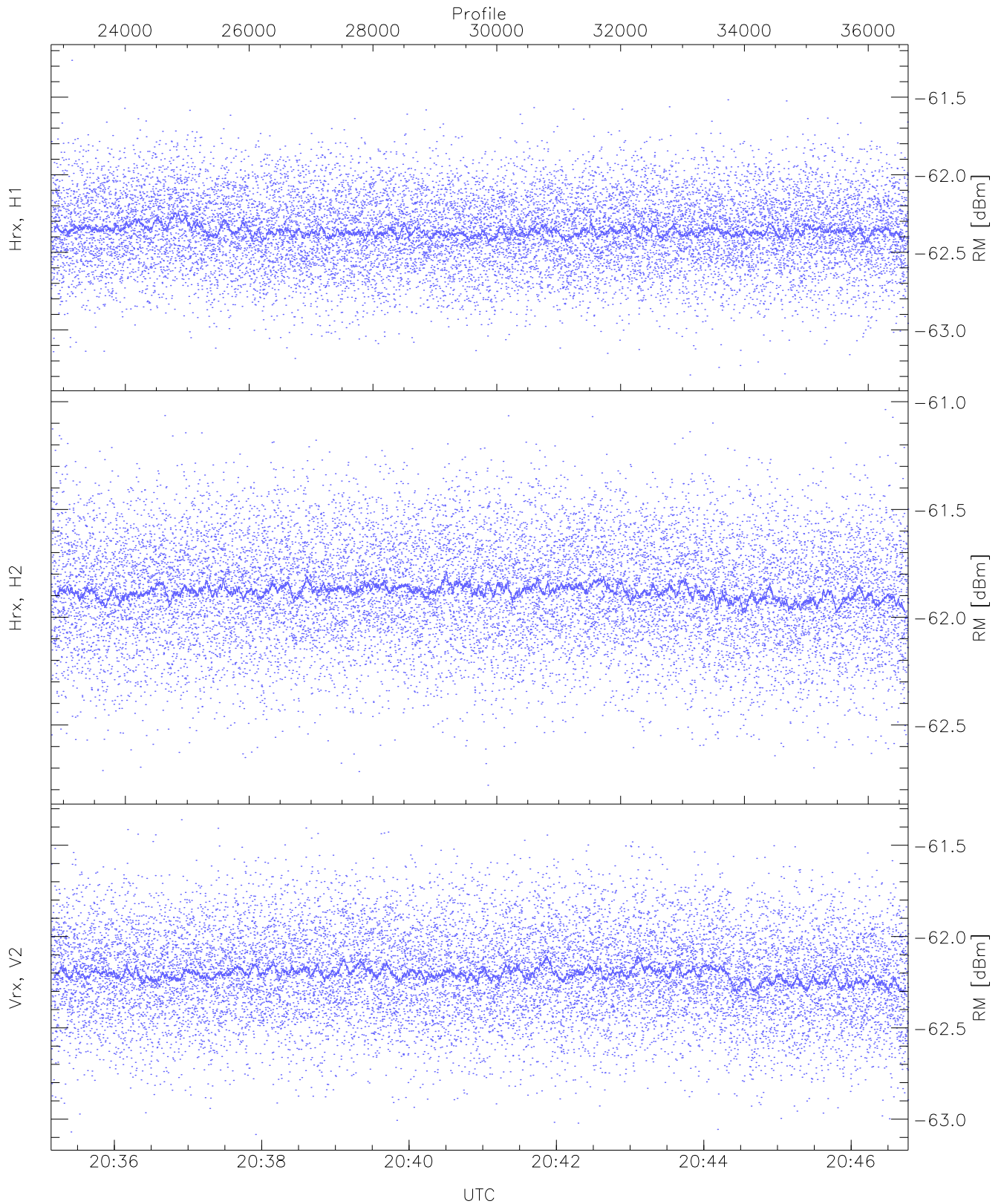
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-62.83	-60.78	-61.85	-61.85	-74.44
Hrx, H2 (WL [dBm])	-62.79	-61.03	-61.85	-61.85	-74.40
Vrx, V2 (WL [dBm])	-63.27	-61.25	-62.27	-62.27	-74.85



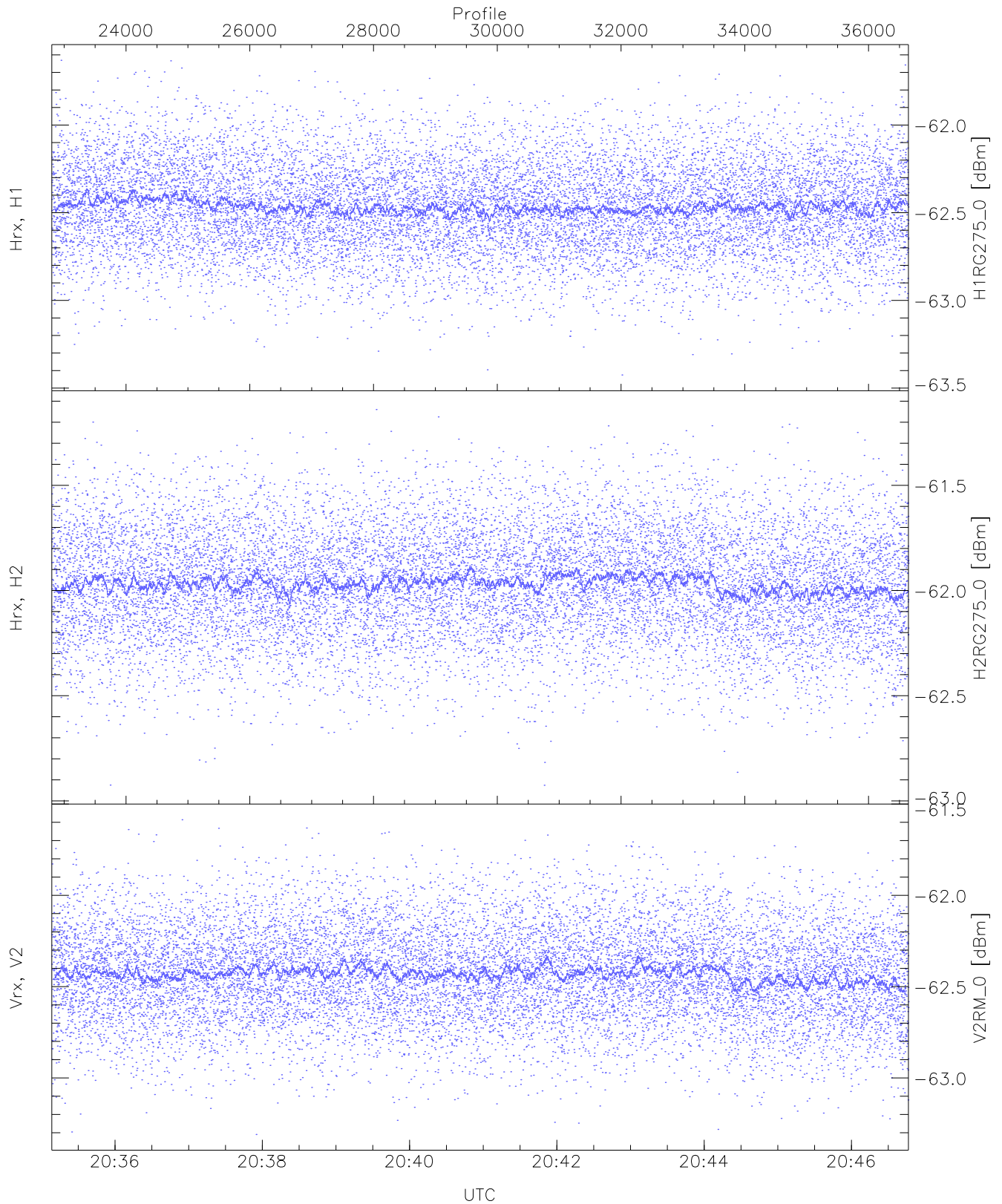
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.57	-60.65	-61.61	-61.61	-74.15
Hrx, H2 (HL [dBm])	-62.63	-60.61	-61.61	-61.62	-74.20
Vrx, V2 (HL [dBm])	-63.00	-61.02	-62.05	-62.06	-74.54



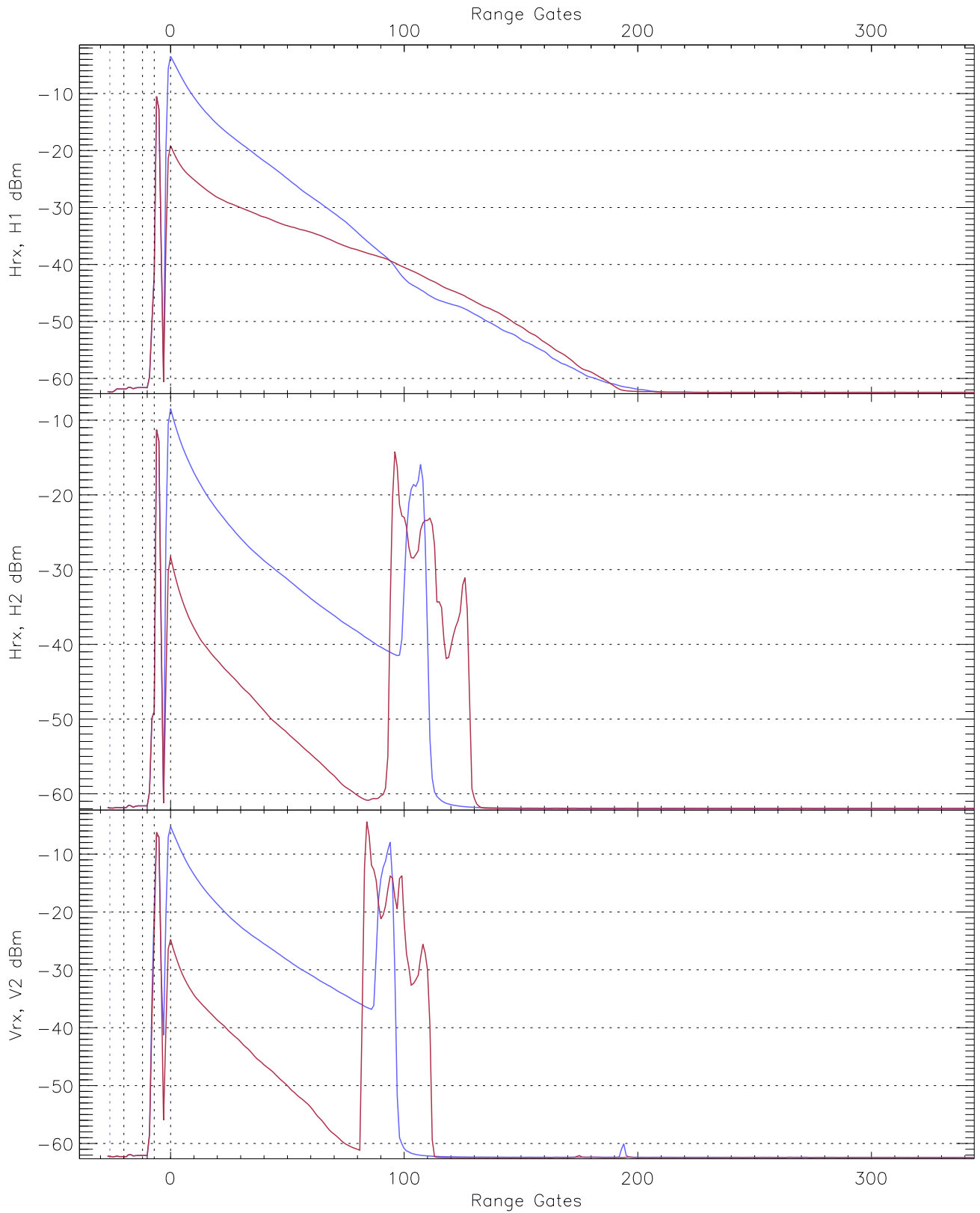
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.29	-61.26	-62.36	-62.36	-74.93
Hrx, H2 (RM [dBm])	-62.78	-61.04	-61.88	-61.88	-74.44
Vrx, V2 (RM [dBm])	-63.08	-61.36	-62.20	-62.21	-74.74

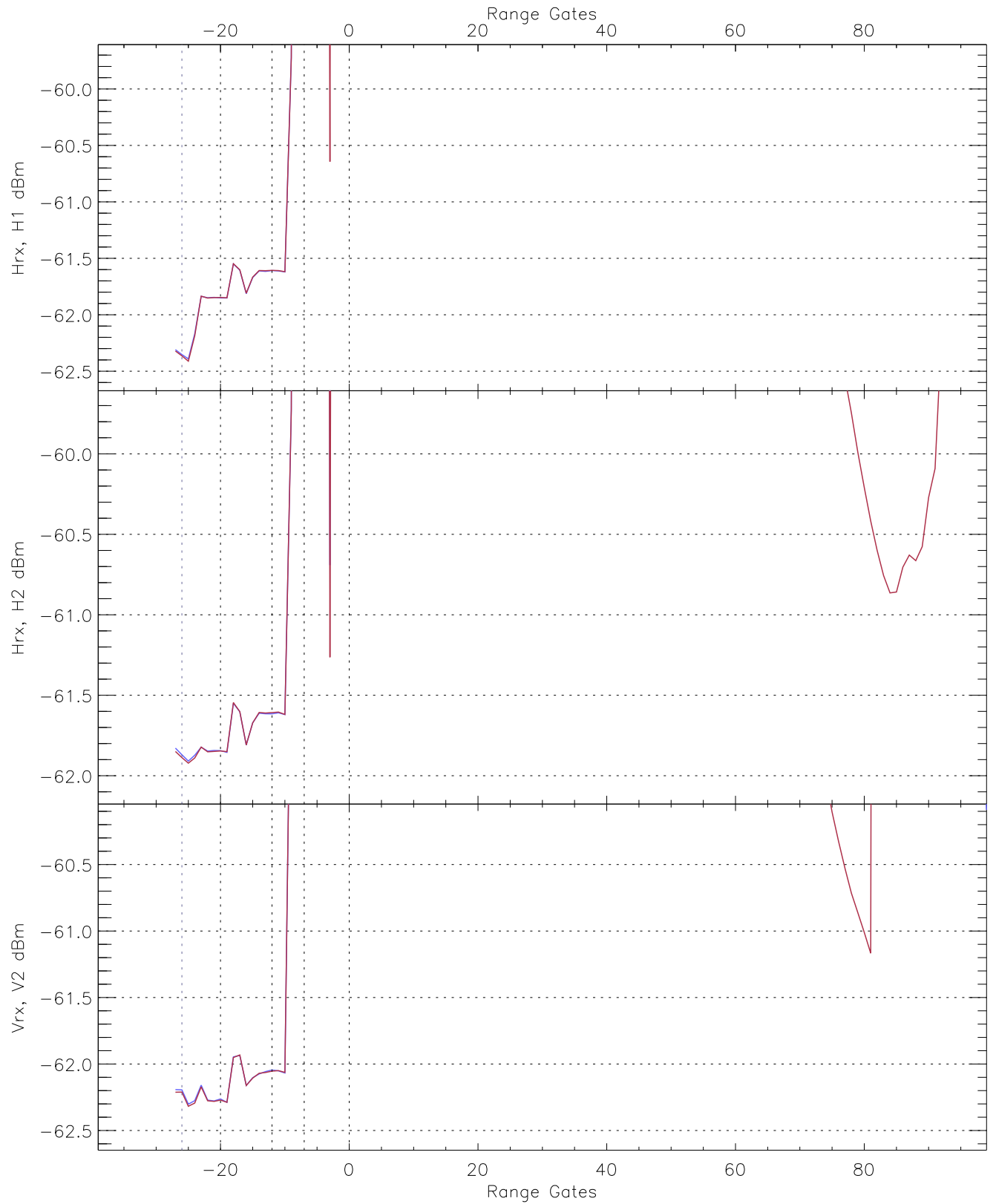


WCR2 CPP "Best" estimate Receivers Noise Power

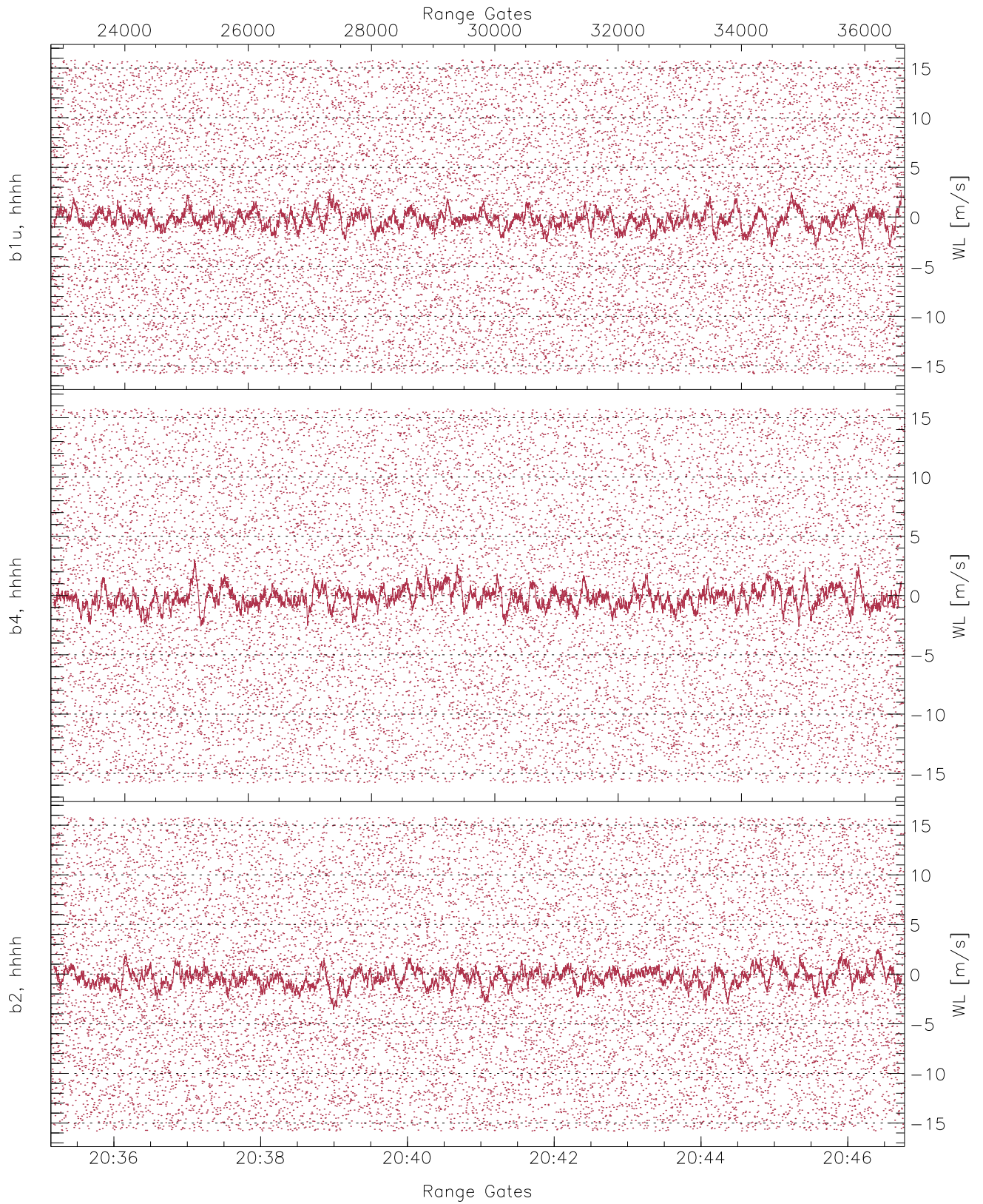
	Min	Max	Mean	Median	StDev
H1RG275_0 [dBm]	-63.43	-61.63	-62.46	-62.47	-75.00
H2RG275_0 [dBm]	-62.93	-61.14	-61.97	-61.97	-74.52
V2RM_0 [dBm]	-63.31	-61.59	-62.43	-62.43	-74.97



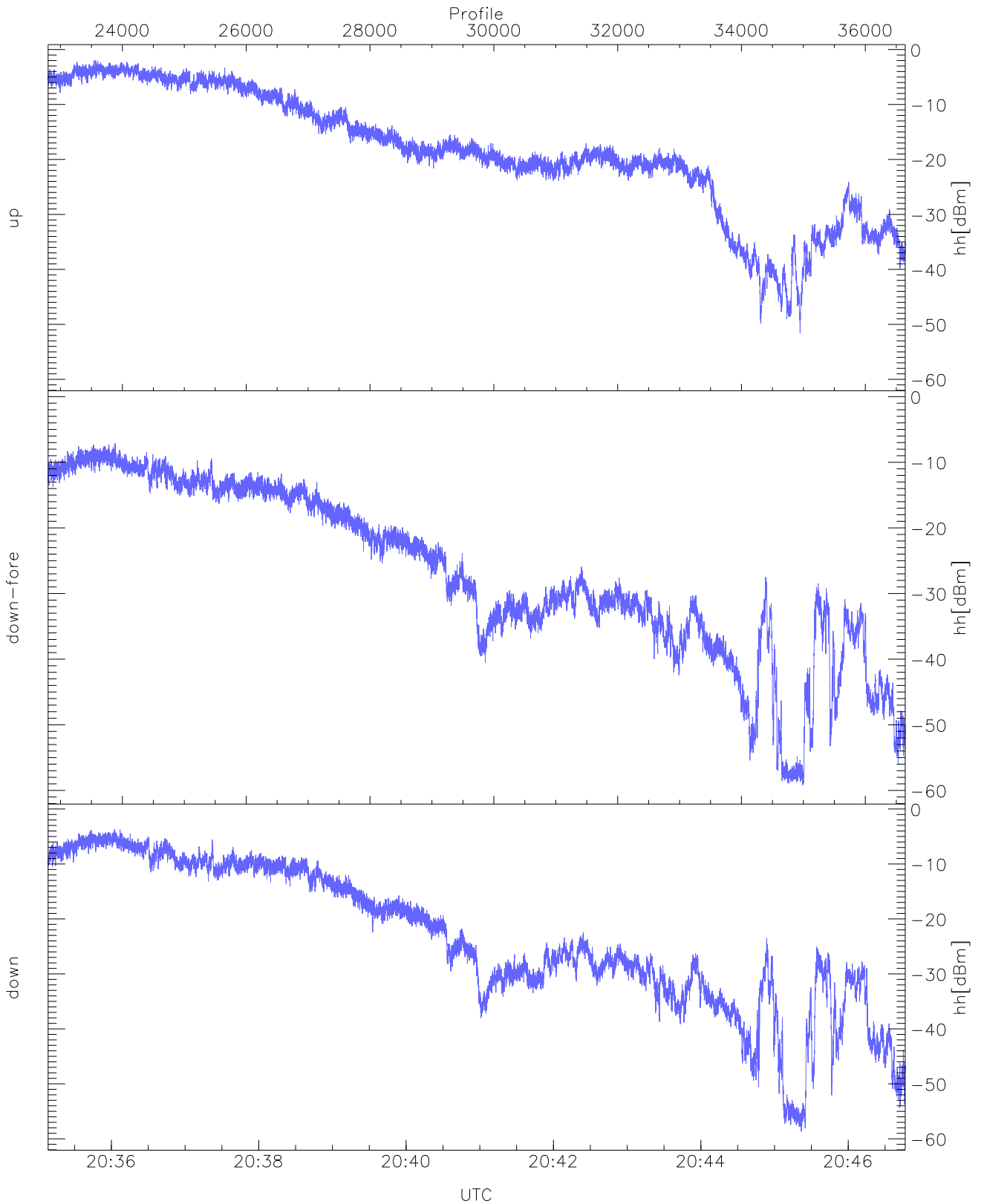
WCR2 CPP Averaged Received power for all recorded gates
blue: 203508-204057, 6924 profiles averaged
red: 204057-204646, 6923 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 203508-204057, 6924 profiles averaged
red: 204057-204646, 6923 profiles averaged

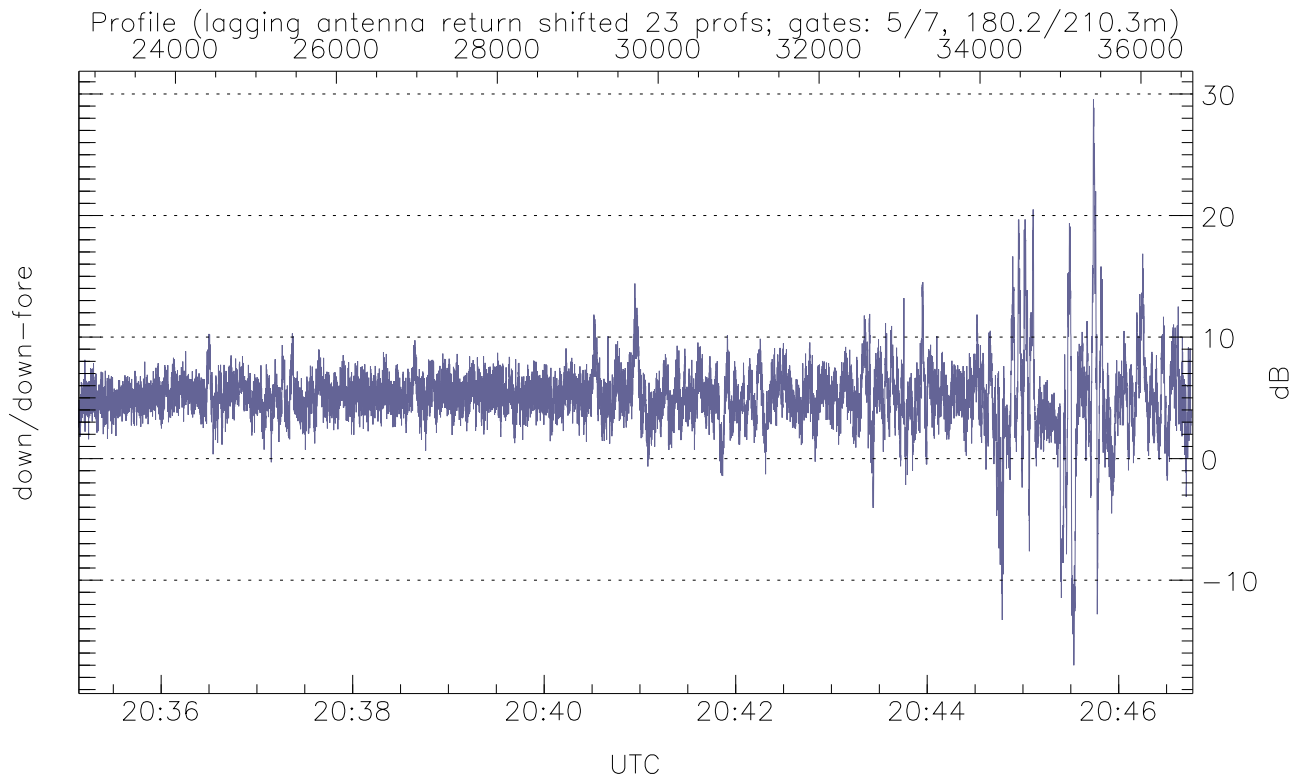
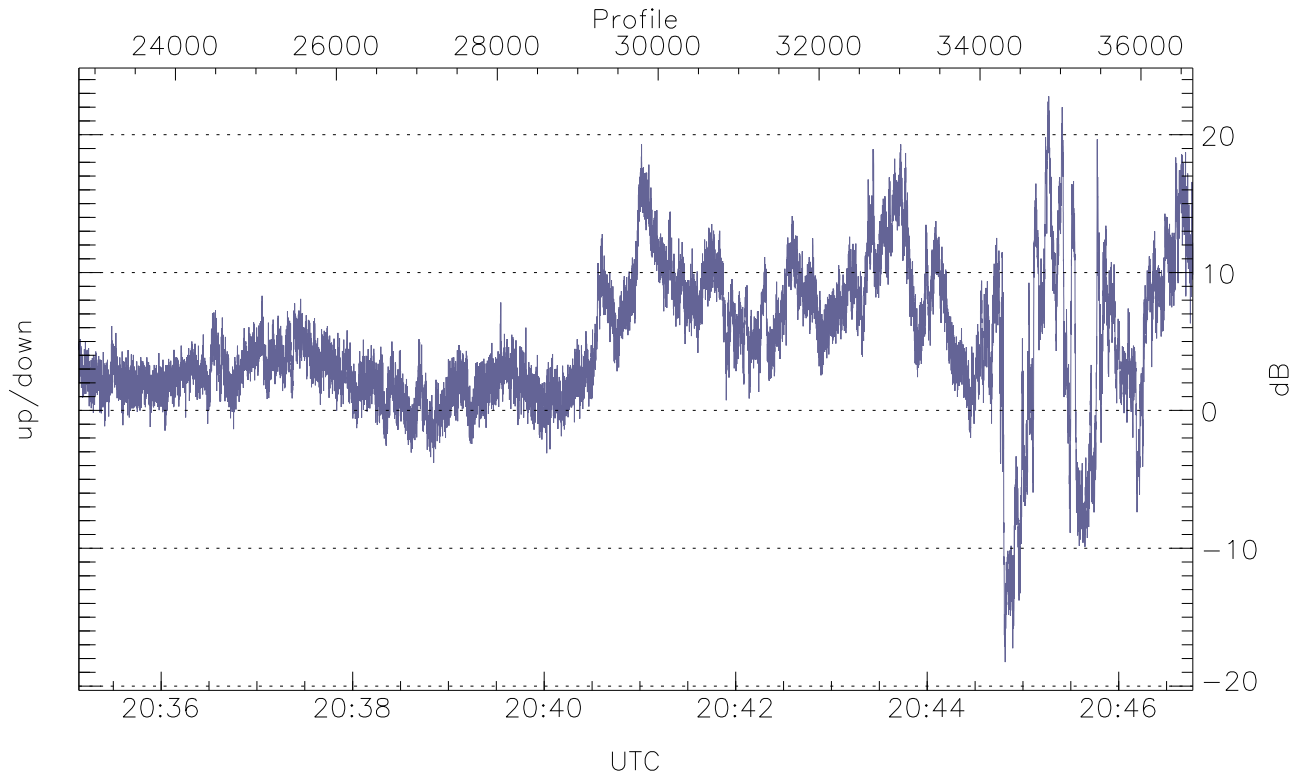


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



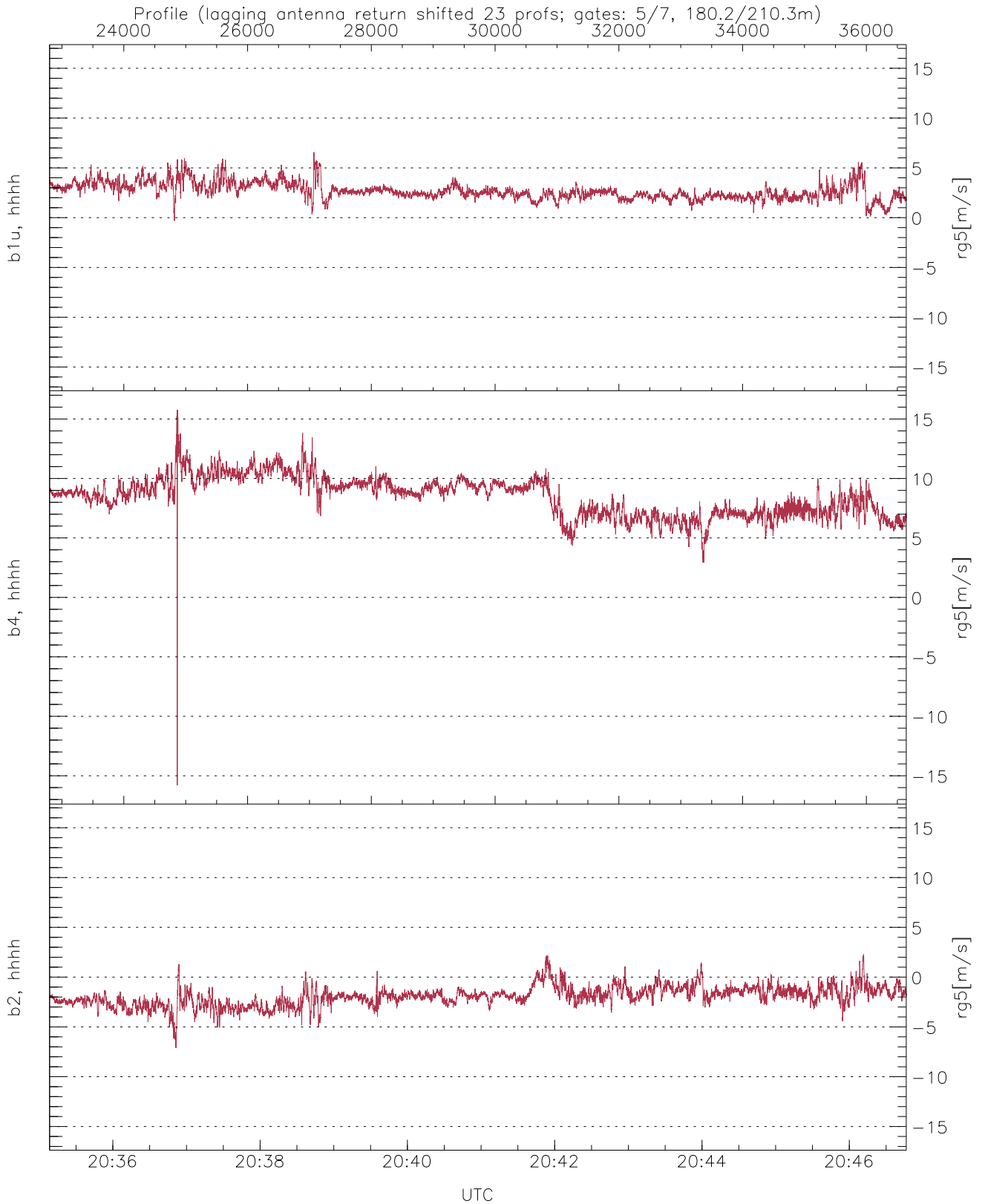
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-51.57	-1.96	-10.26
down-fore(hh[dBm])	-59.21	-7.13	-16.46
down(hh[dBm])	-58.66	-3.73	-12.85



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

	Min	Max	Mean
up/down (dB)	-18.26	22.79	4.81
down/down-fore (dB)	-17.00	29.54	5.10



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-0.31	6.56	2.68	0.85
b4, hhhh(rg5[m/s])	-15.79	15.77	8.49	1.65
b2, hhhh(rg5[m/s])	-7.10	2.29	-1.93	0.99