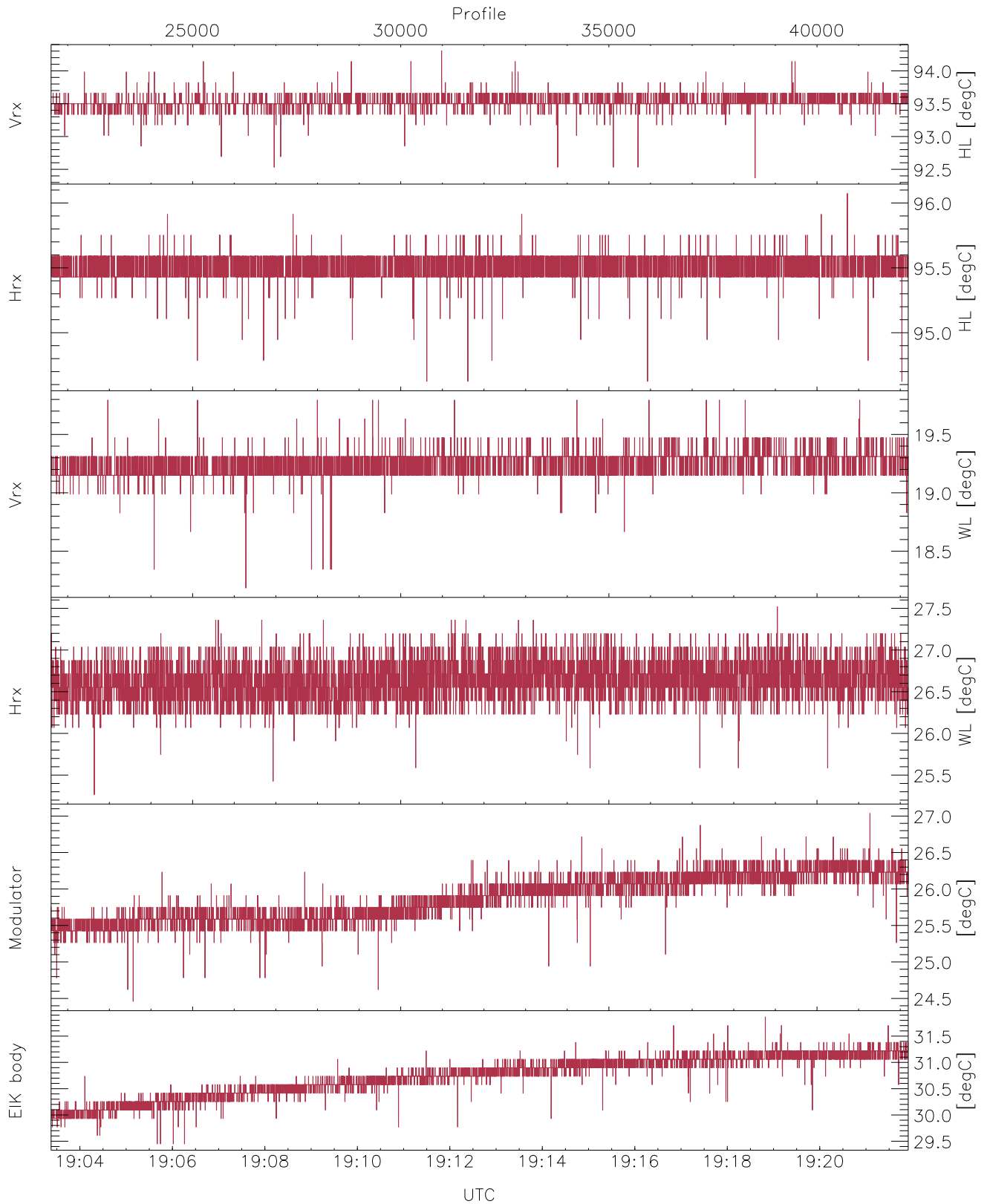


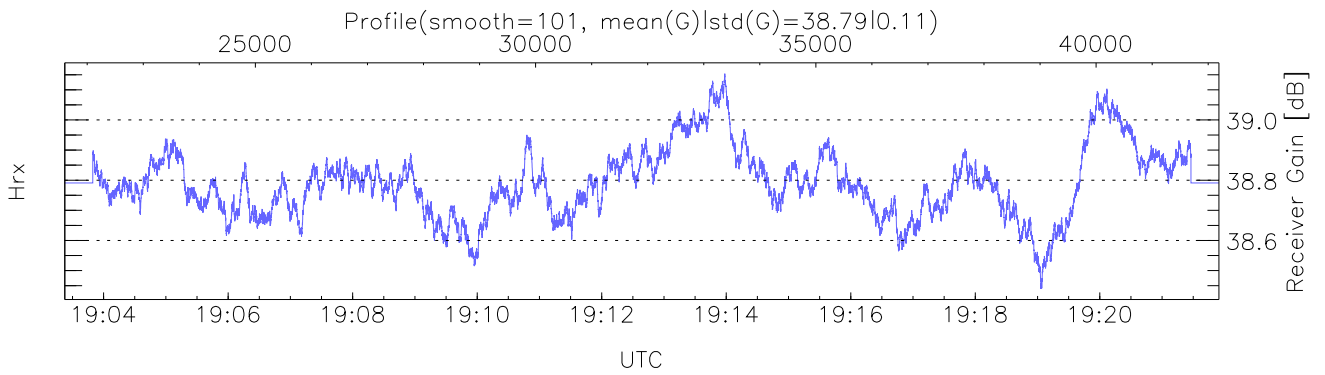
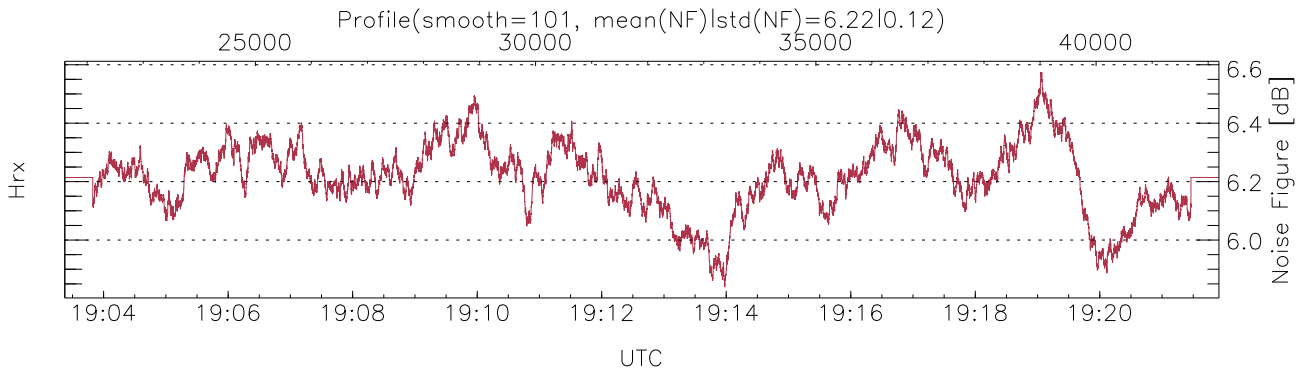
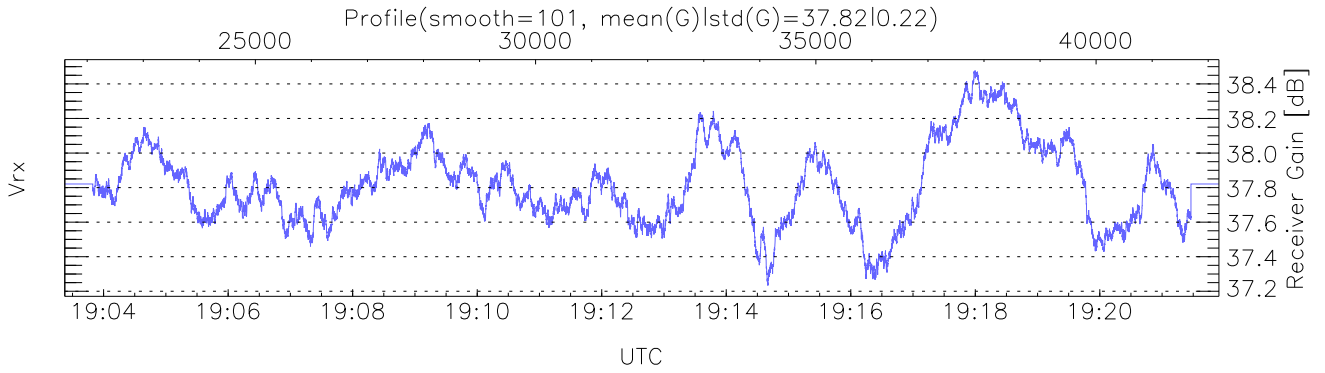
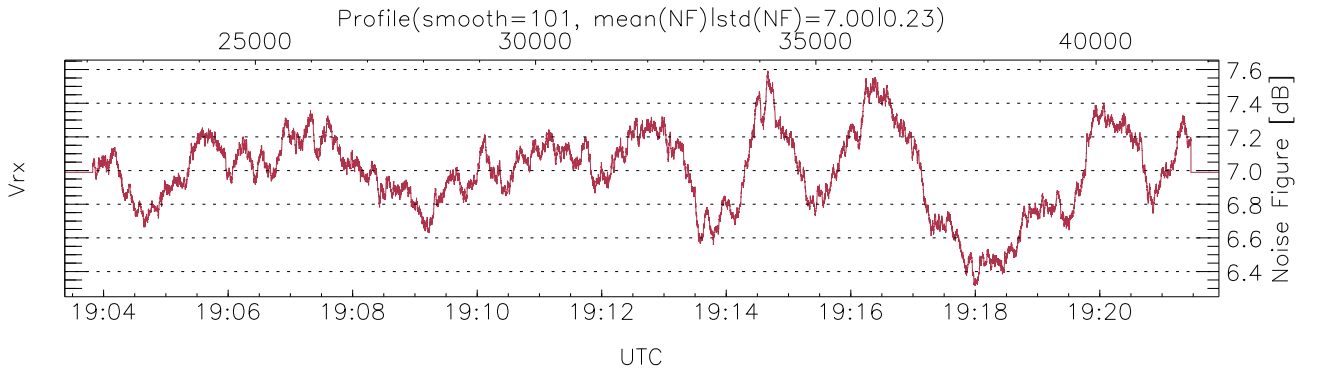
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 18:43:56-19:21:55, Dur: 2278.94s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 54.0,54.0,54.0,0.0 ms / 19,19,19
 NumRec(r/t): 20593/42193, 21600-42192/19:03:23-19:21:55
 AcqTime: 54.0ms, Rate: 287KB/s, Averages: 180
 Pulse: 250ns, IFF: 4.0MHz, 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): 105,6037,15.0 m, Gates: 396, Aspect: 3.1
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



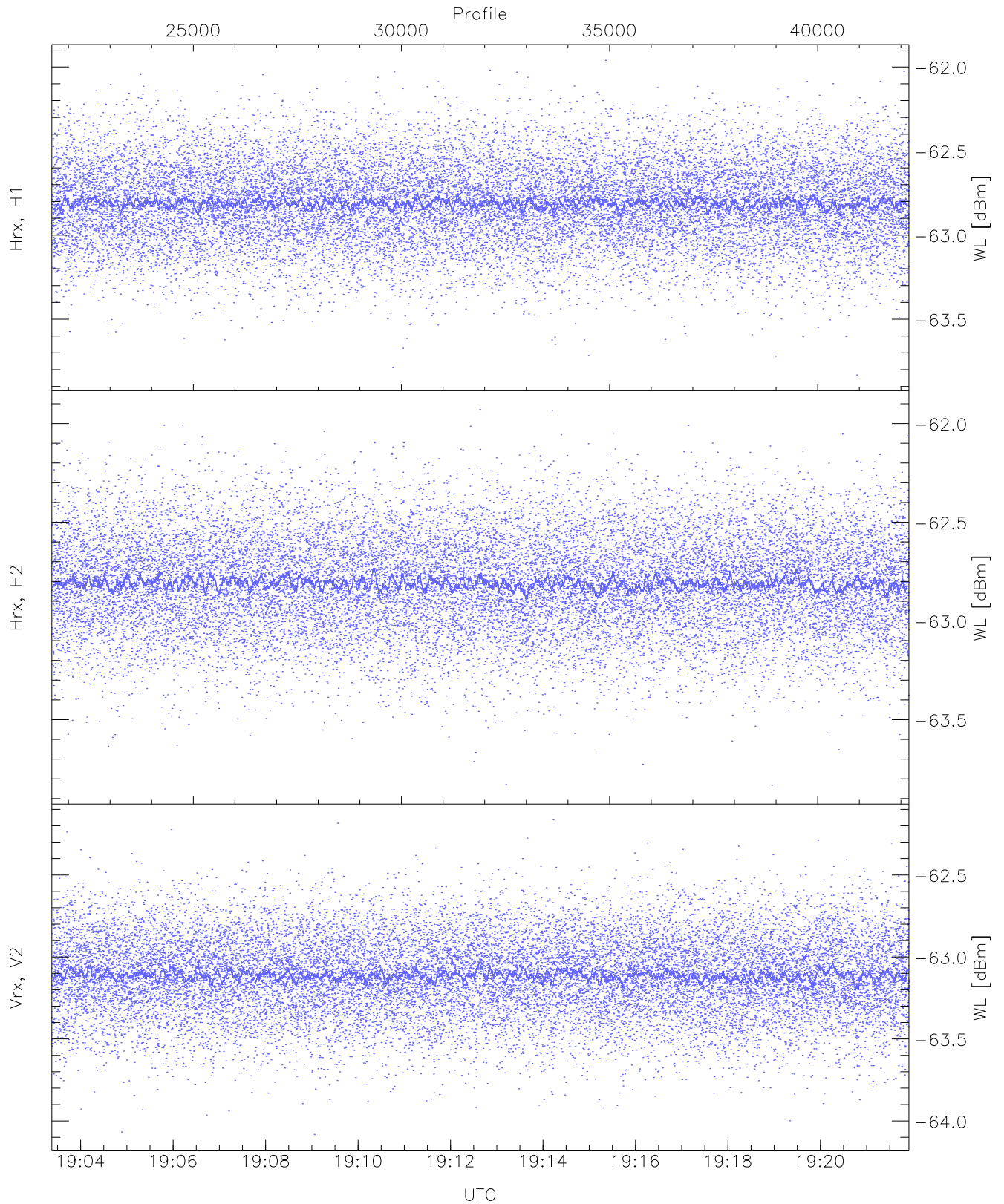
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,18,25,24,29
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,19,27,27,31
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (9,9,14,14,9,15)



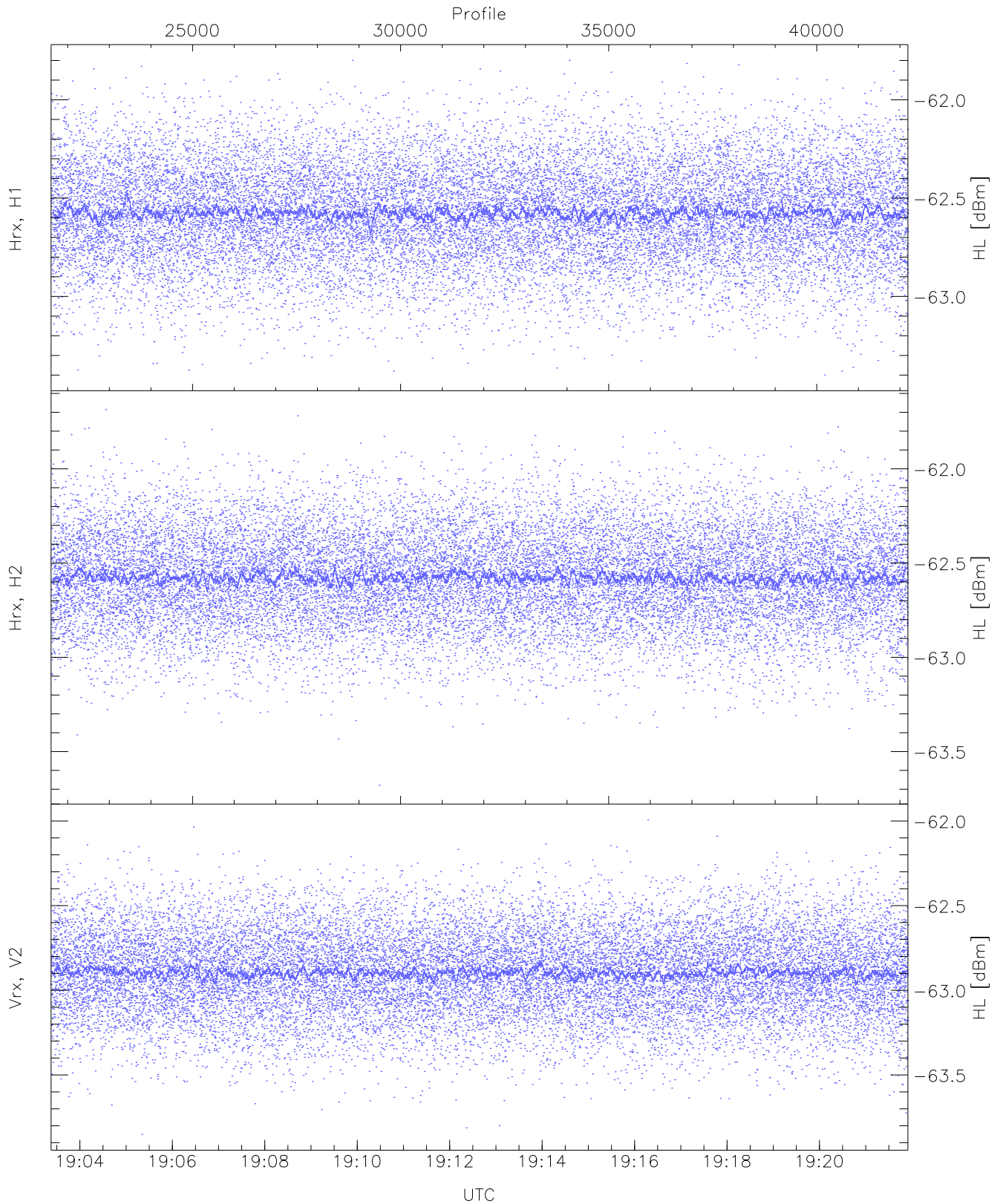
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 2291 pixs, 54 gates, 2241 profs, 2 prods



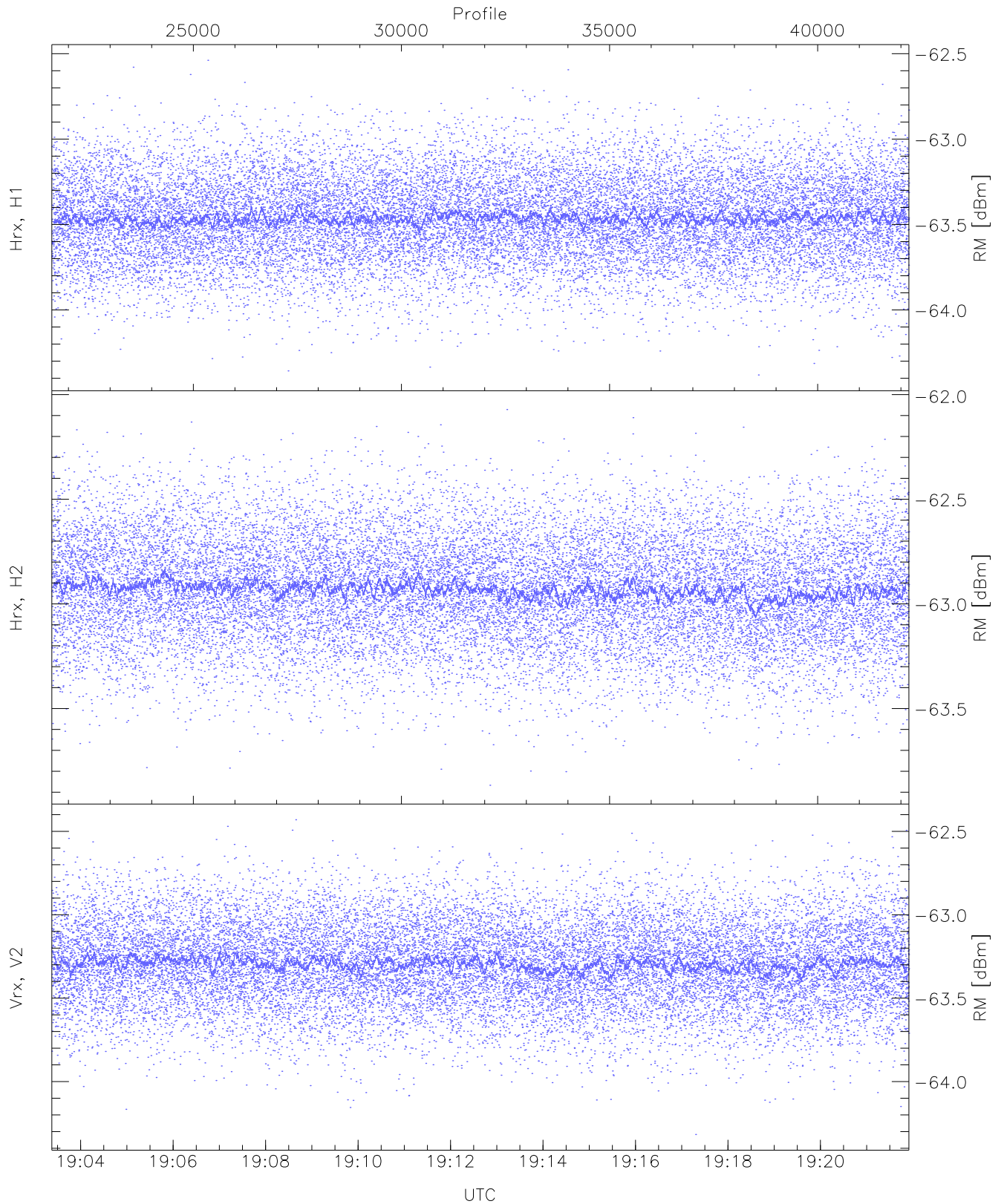
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-63.83	-61.96	-62.81	-62.81	-75.55
Hrx, H2 (WL [dBm])	-63.83	-61.93	-62.81	-62.81	-75.49
Vrx, V2 (WL [dBm])	-64.08	-62.16	-63.11	-63.11	-75.83



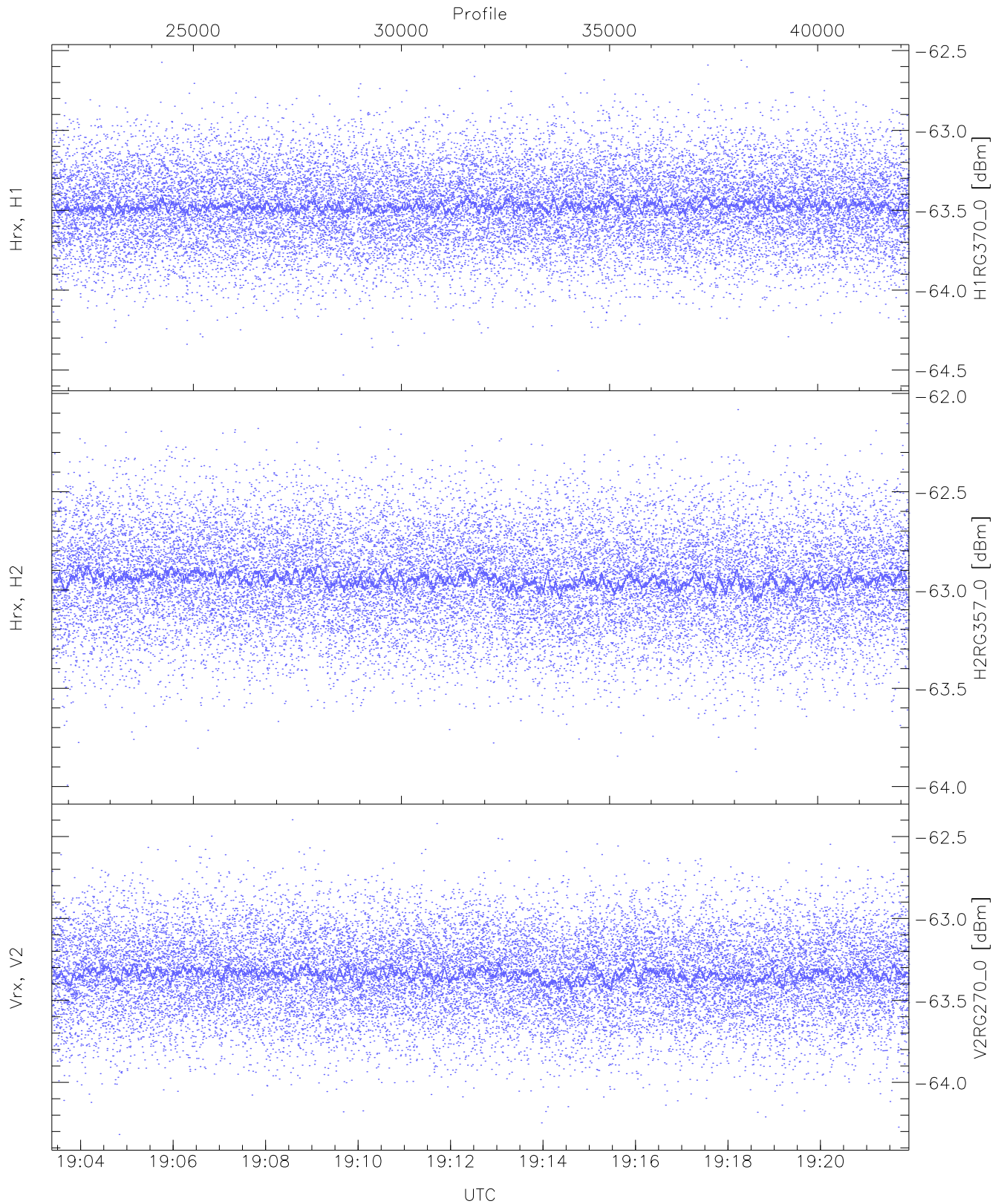
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.40	-61.80	-62.57	-62.58	-75.32
Hrx, H2 (HL [dBm])	-63.68	-61.69	-62.57	-62.58	-75.32
Vrx, V2 (HL [dBm])	-63.85	-61.99	-62.89	-62.90	-75.63



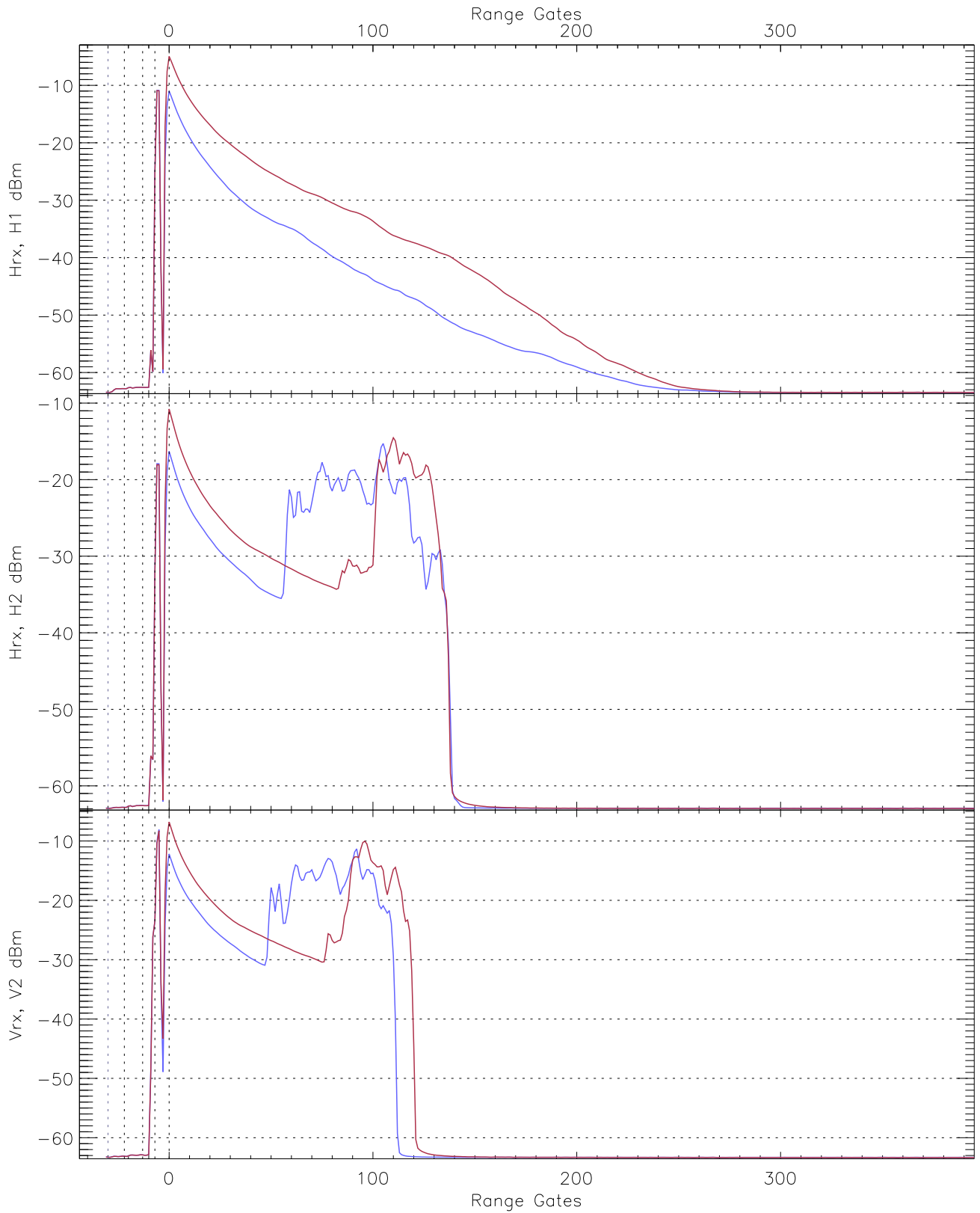
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.38	-62.54	-63.46	-63.47	-76.17
Hrx, H2 (RM [dBm])	-63.87	-62.07	-62.93	-62.93	-75.59
Vrx, V2 (RM [dBm])	-64.32	-62.43	-63.29	-63.30	-75.96

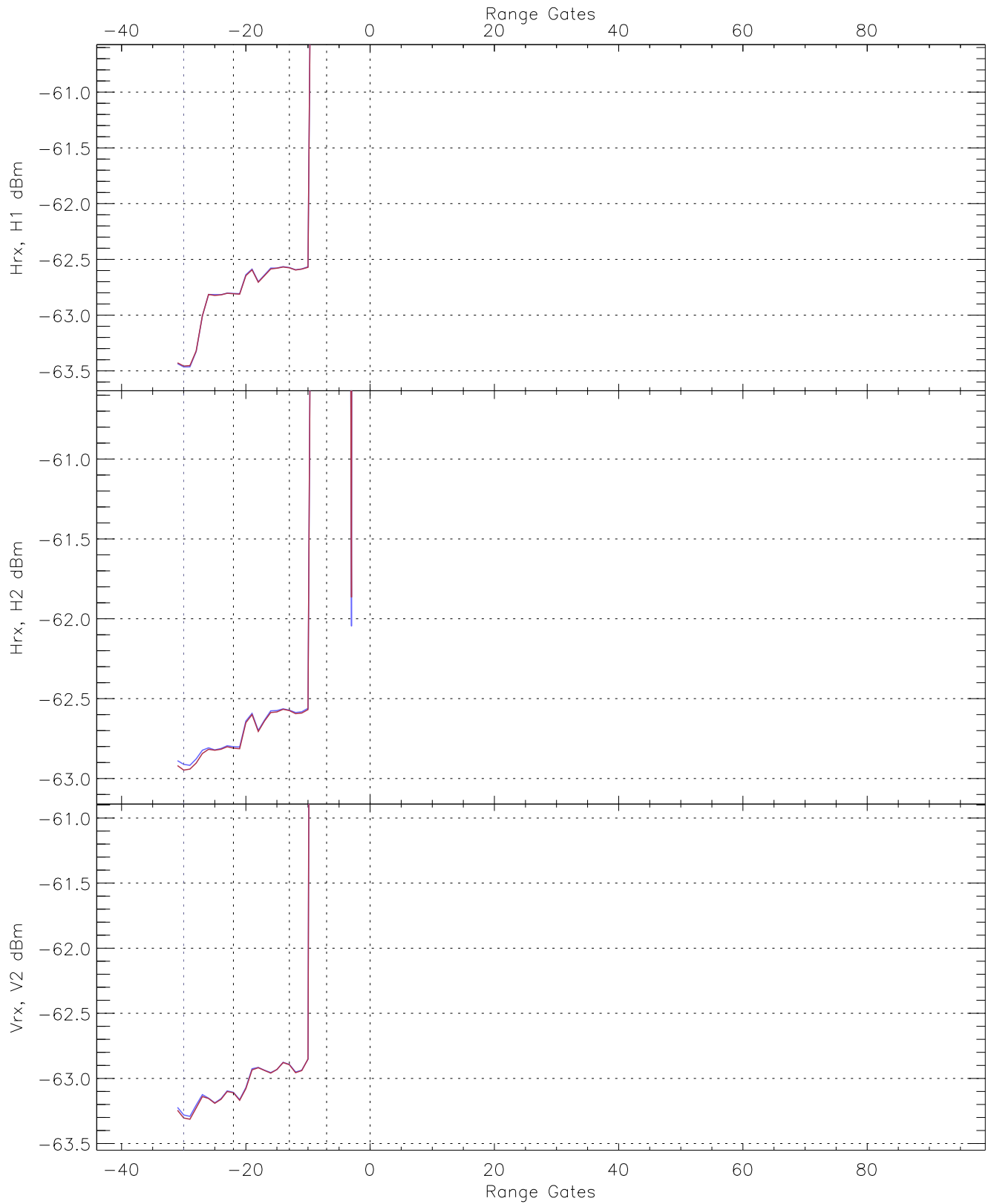


WCR2 CPP "Best" estimate Receivers Noise Power

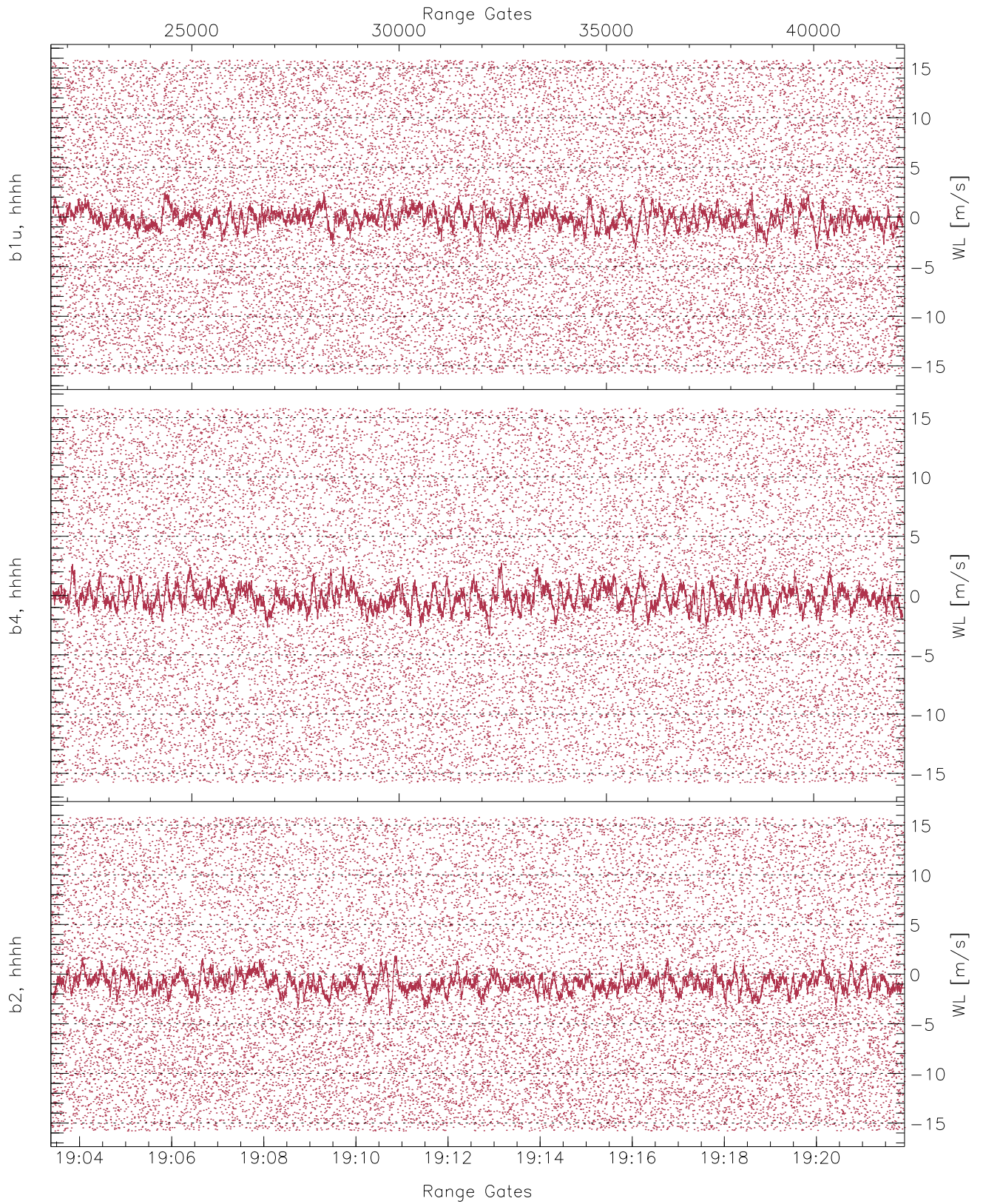
	Min	Max	Mean	Median	StDev
H1RG370_0 [dBm]	-64.53	-62.56	-63.47	-63.48	-76.14
H2RG357_0 [dBm]	-63.99	-62.08	-62.94	-62.95	-75.64
V2RG270_0 [dBm]	-64.32	-62.40	-63.34	-63.34	-75.97



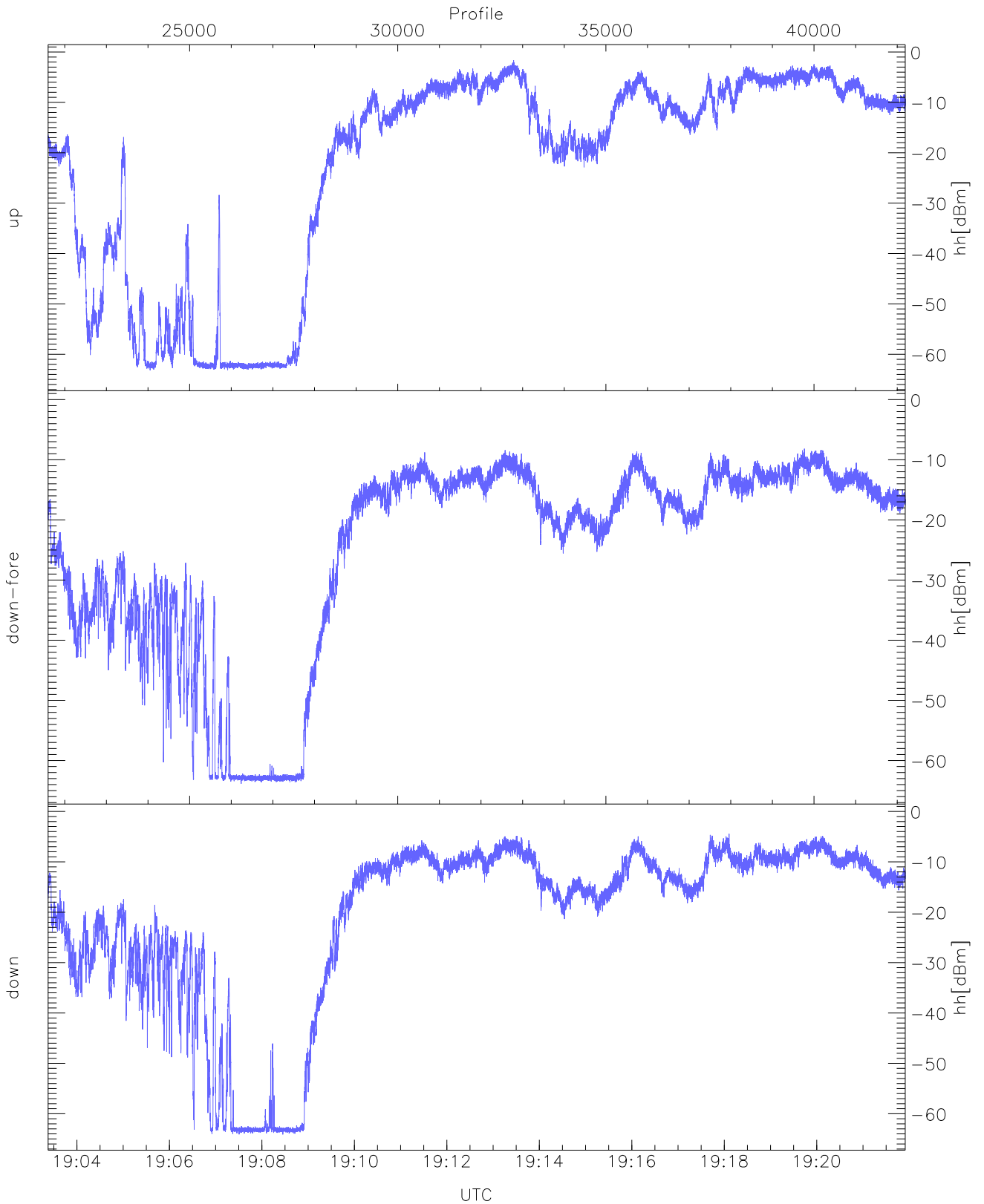
WCR2 CPP Averaged Received power for all recorded gates
blue: 190323-191239, 10297 profiles averaged
red: 191239-192155, 10297 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 190323-191239, 10297 profiles averaged
red: 191239-192155, 10297 profiles averaged

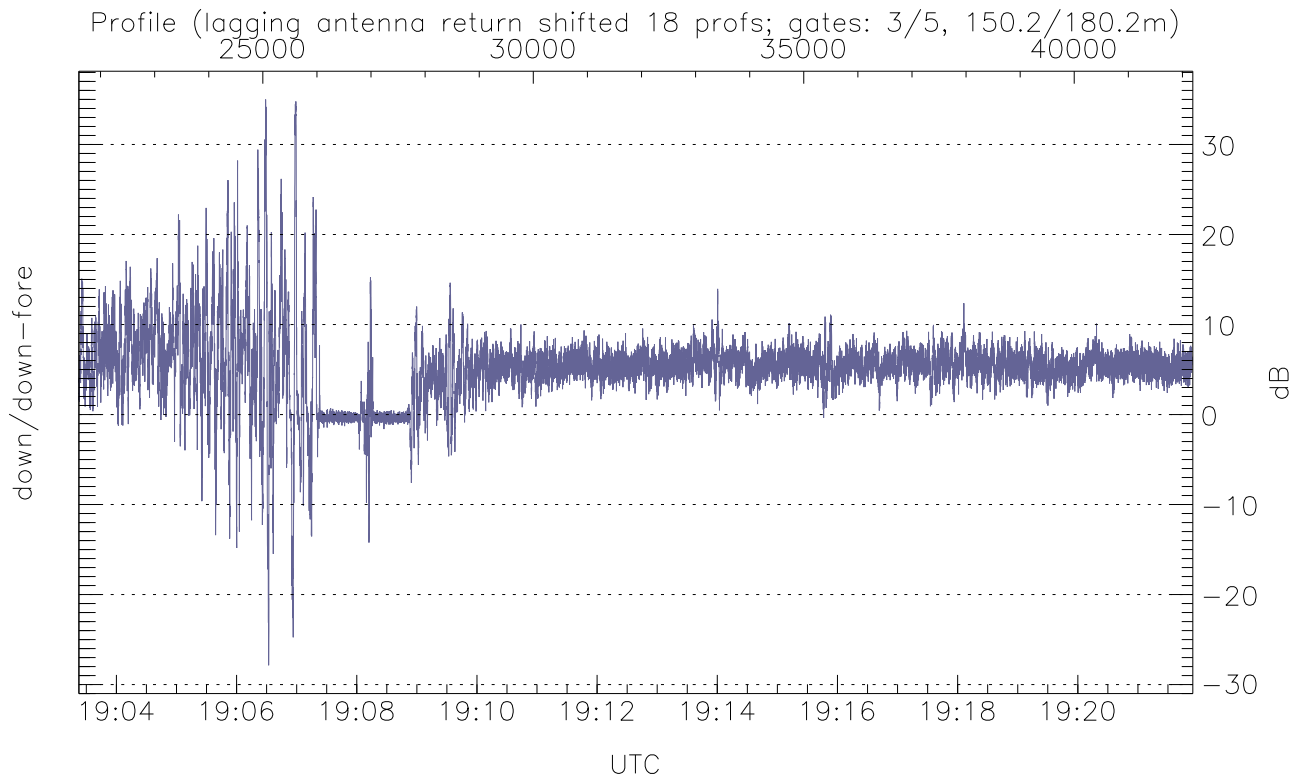
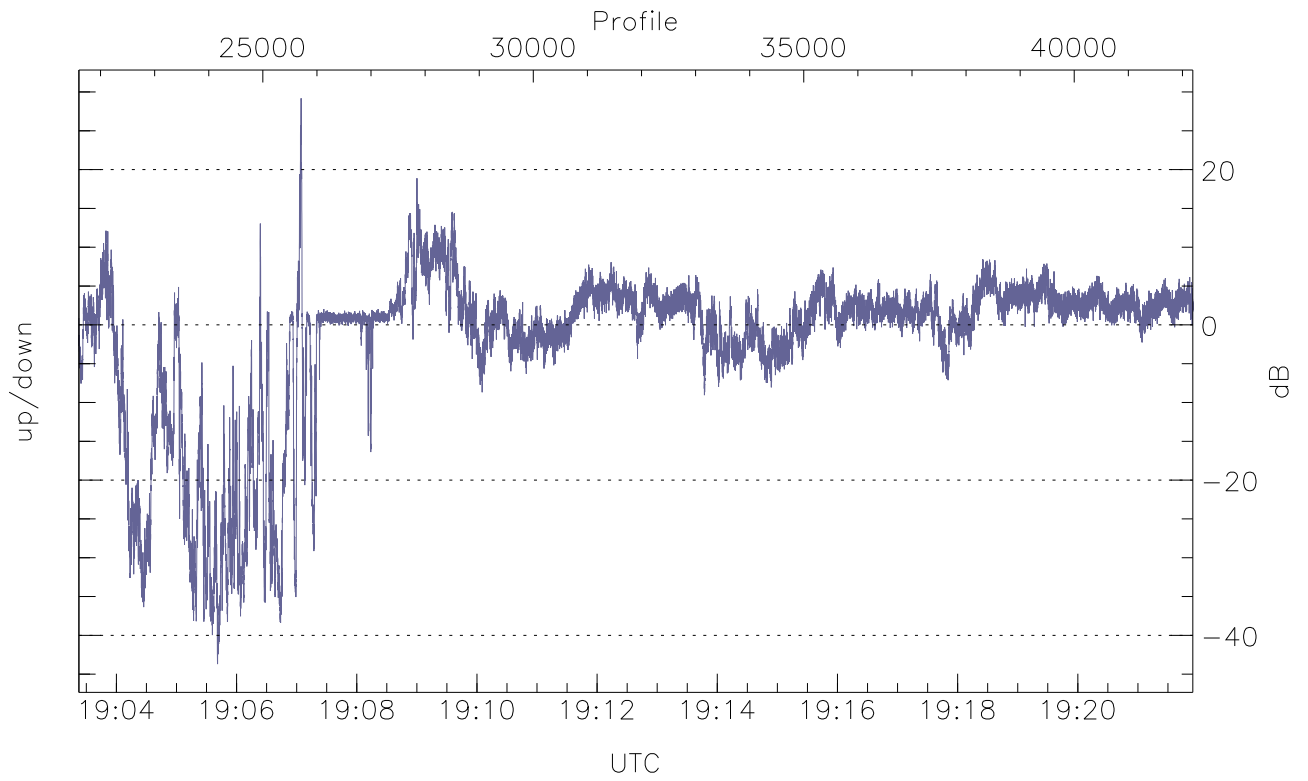


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



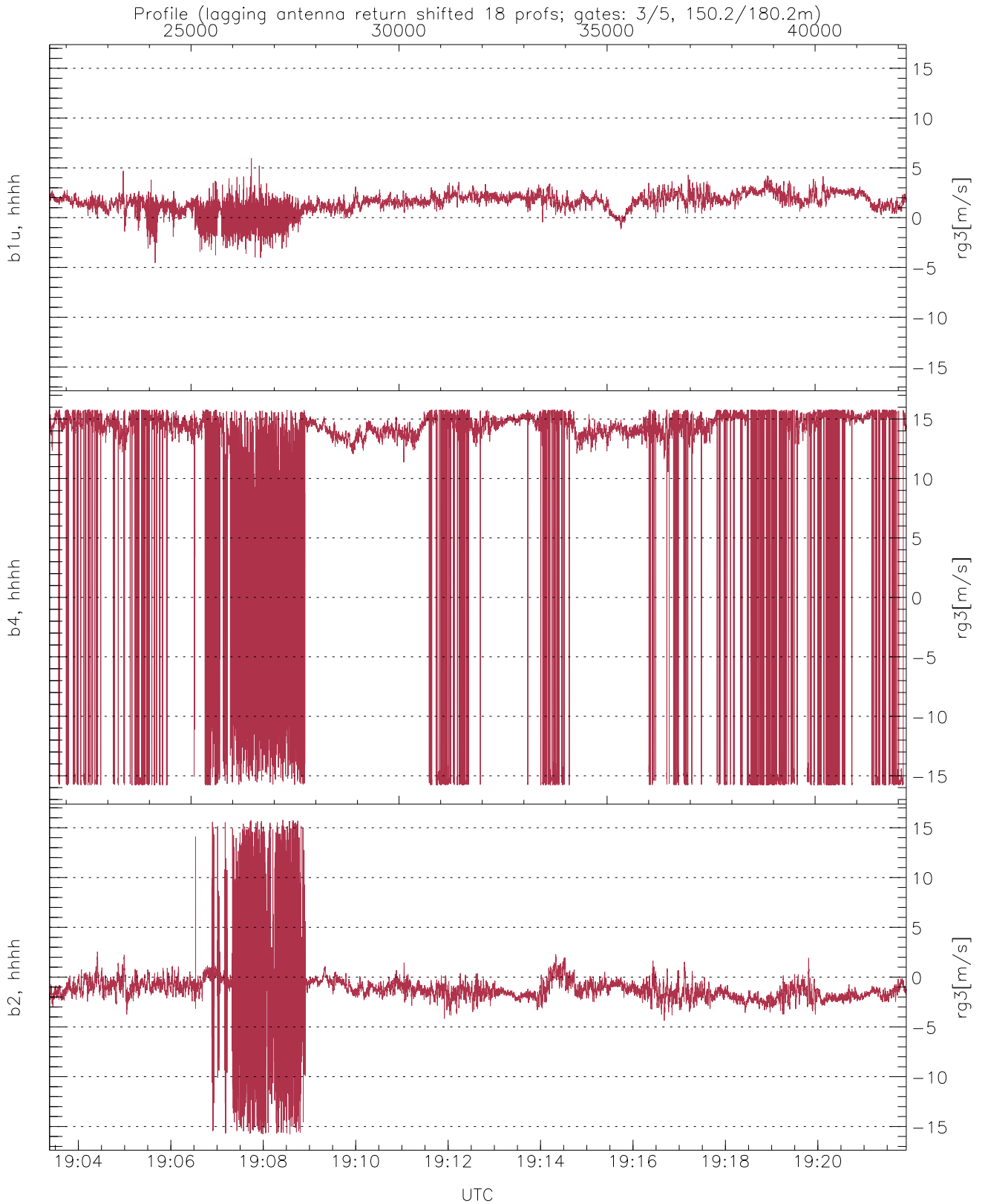
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.18	-1.65	-9.64
down-fore(hh[dBm])	-63.85	-8.16	-15.60
down(hh[dBm])	-64.11	-4.43	-11.85



WCR2 Beam pairs Received Power Ratio(s); RangeGate: 3 (150 m)

	Min	Max	Mean
up/down (dB)	-43.70	29.19	-2.03
down/down-fore (dB)	-27.85	34.99	5.20



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-4.55	5.97	1.51	0.95
b4, hhhh(rg3[m/s])	-15.80	15.80	9.67	10.51
b2, hhhh(rg3[m/s])	-15.79	15.78	-1.16	2.65