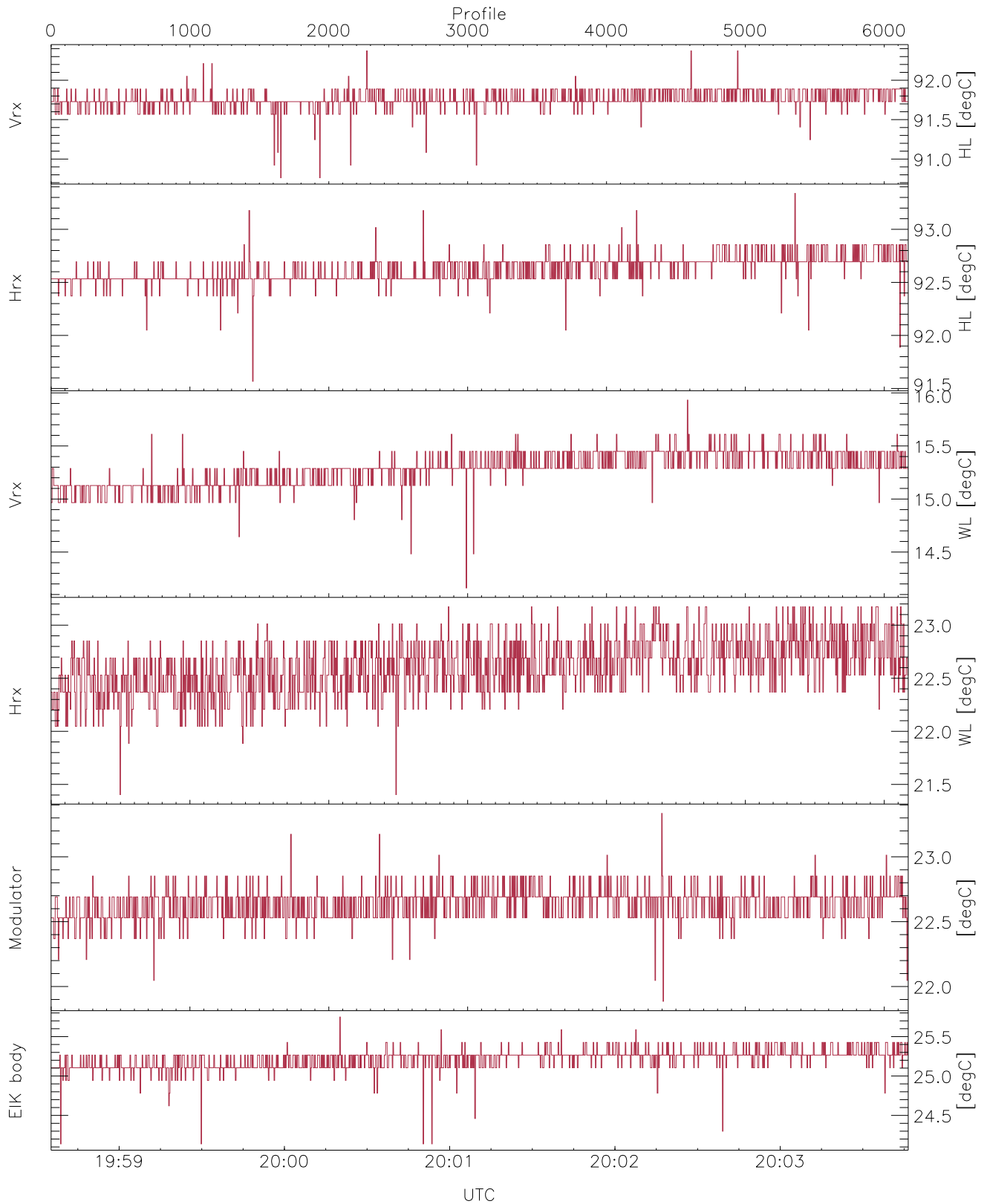


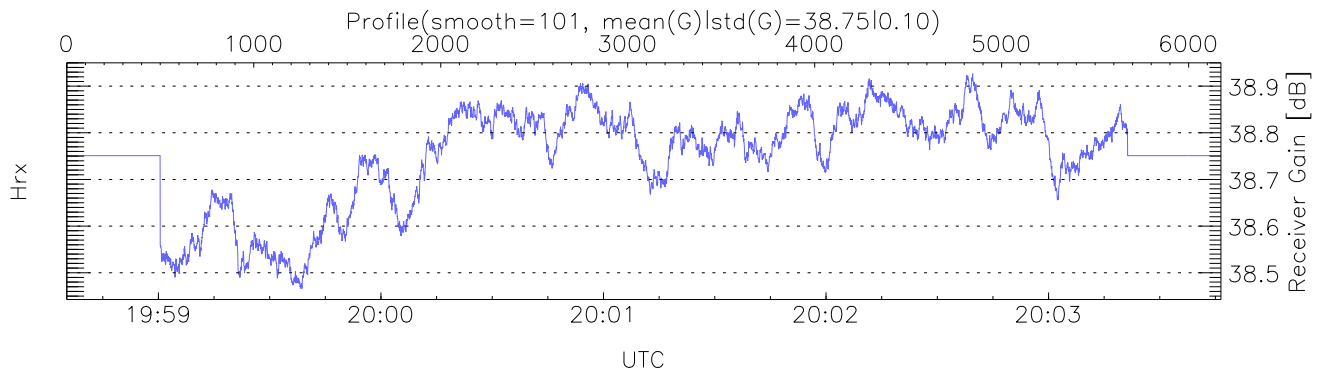
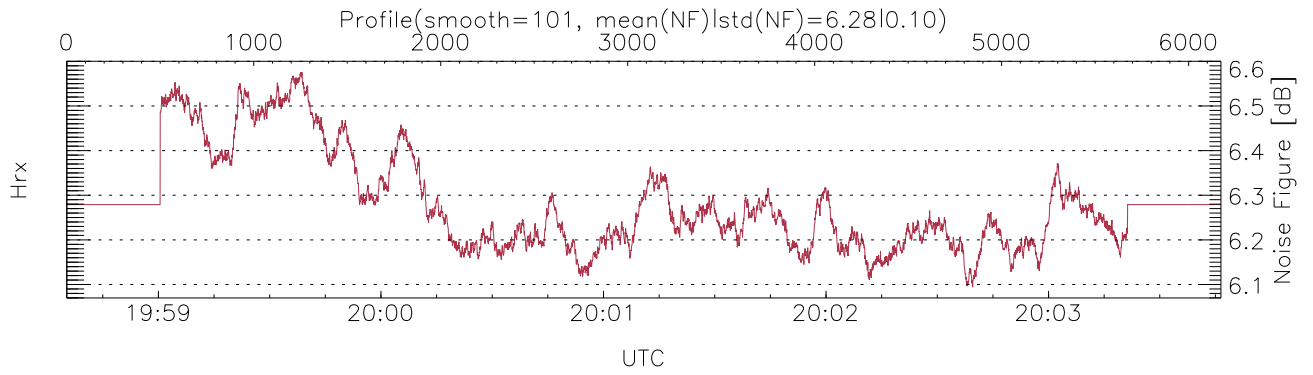
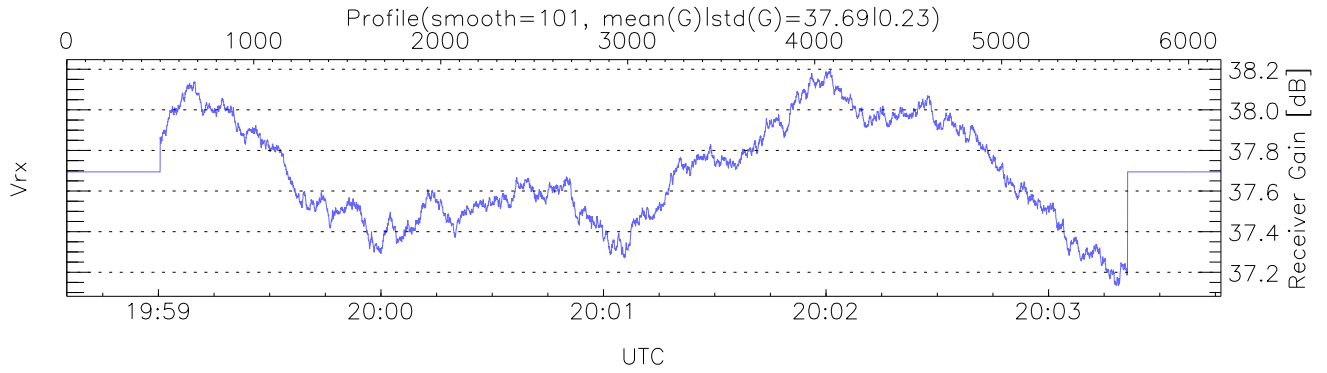
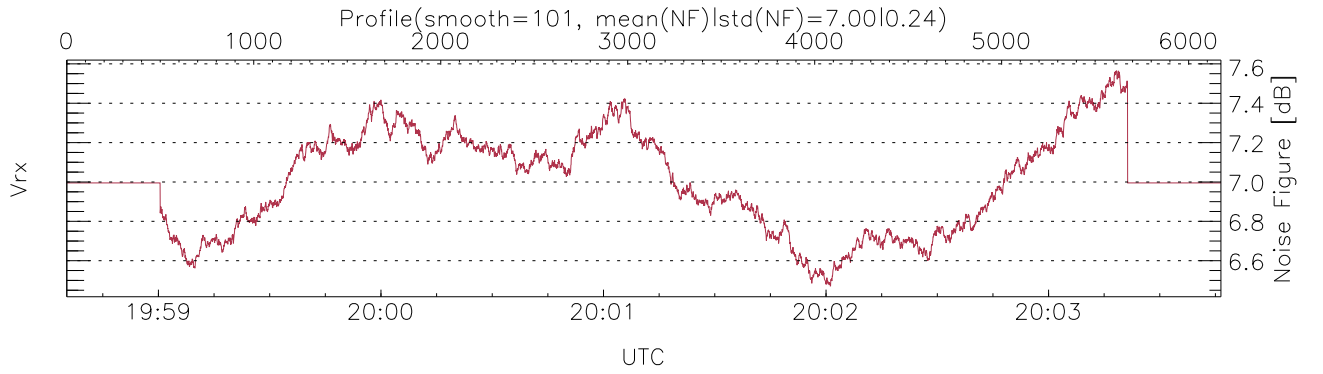
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 19:58:35-20:03:46, Dur: 311.20s
 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): 6174/6174, 0-6173/19:58:35-20:03:46
 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



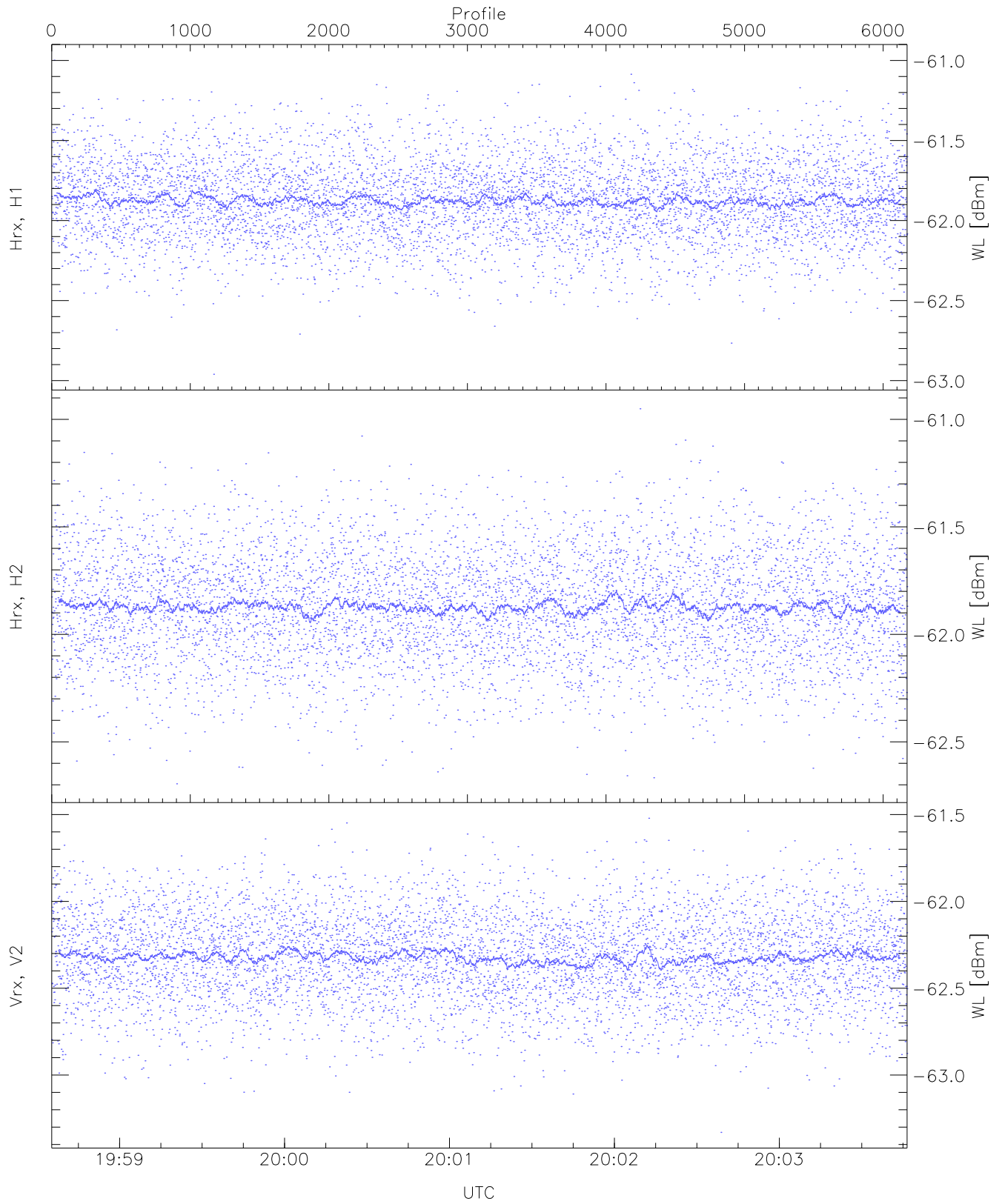
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,14,21,21,24`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,15,23,23,25`
`LOalarm(20,80,240,2.8,14.8 MHz): None`
`EIK Faults(# prof affected):`
`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (10,5,10,10,10,6)`



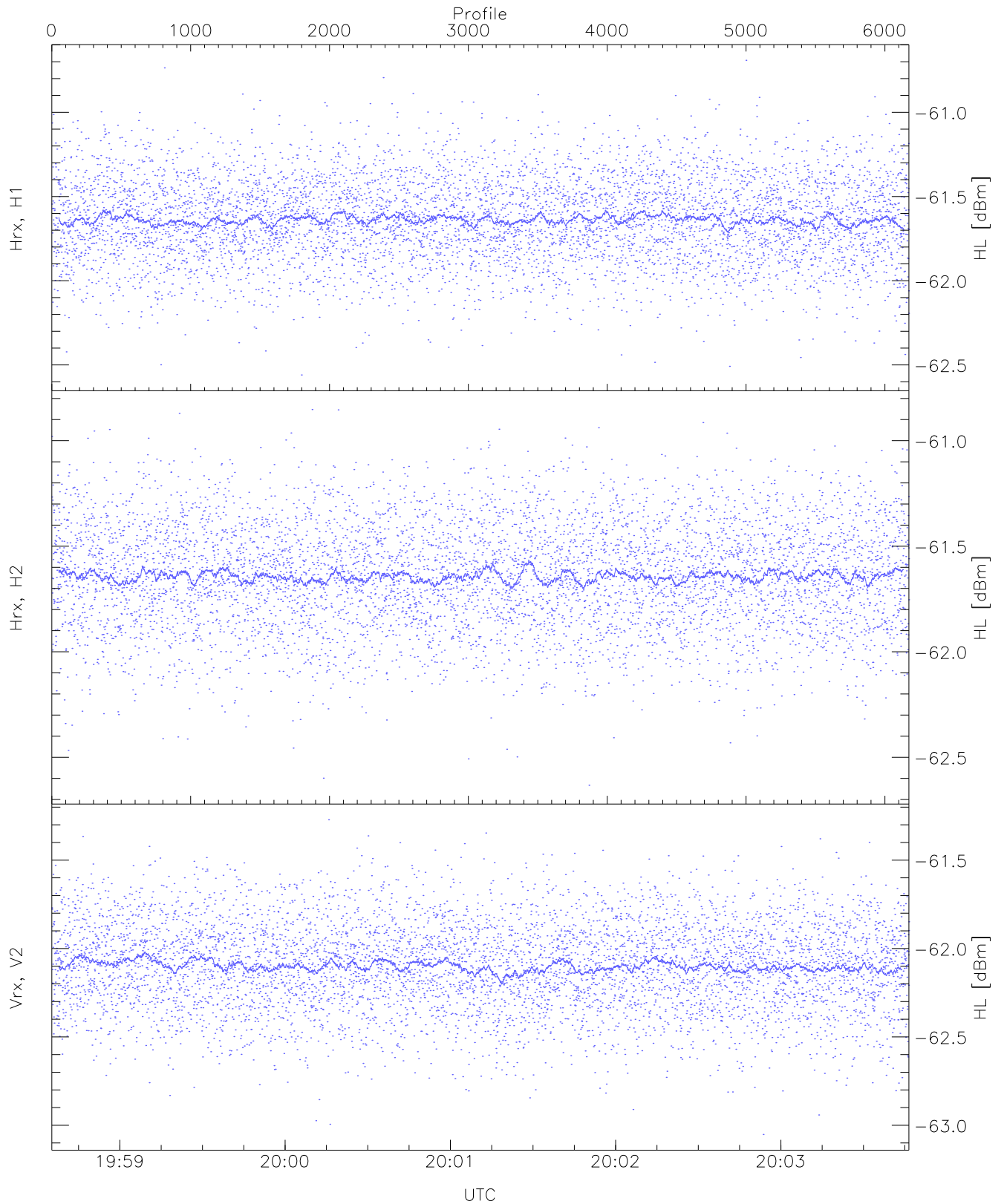
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 43 pixs, 11 gates, 43 profs, 1 prods



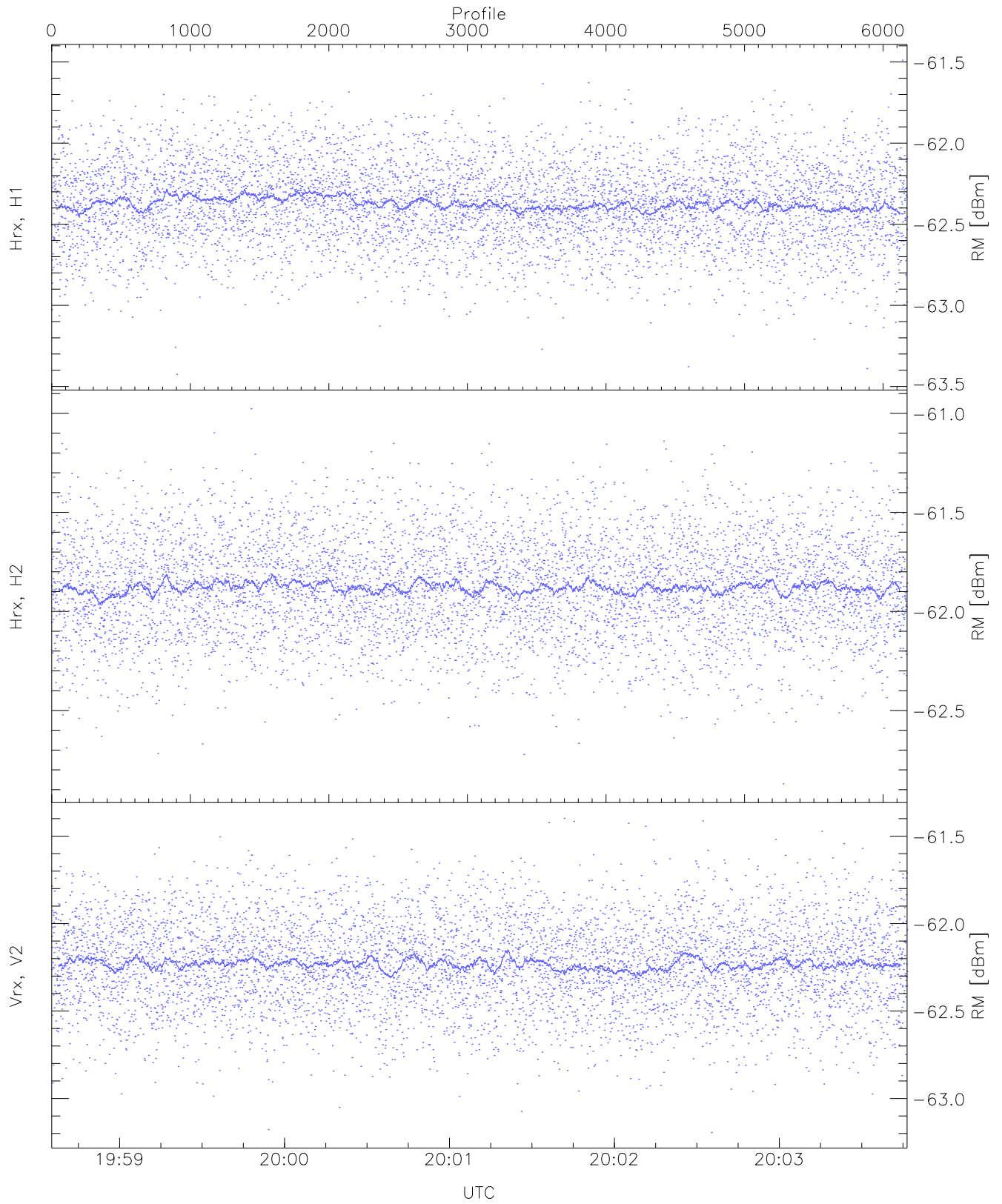
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.96	-61.00	-61.87	-61.88	-74.49
Hrx, H2(WL [dBm])	-62.70	-60.95	-61.87	-61.88	-74.44
Vrx, V2(WL [dBm])	-63.33	-61.52	-62.32	-62.32	-74.90



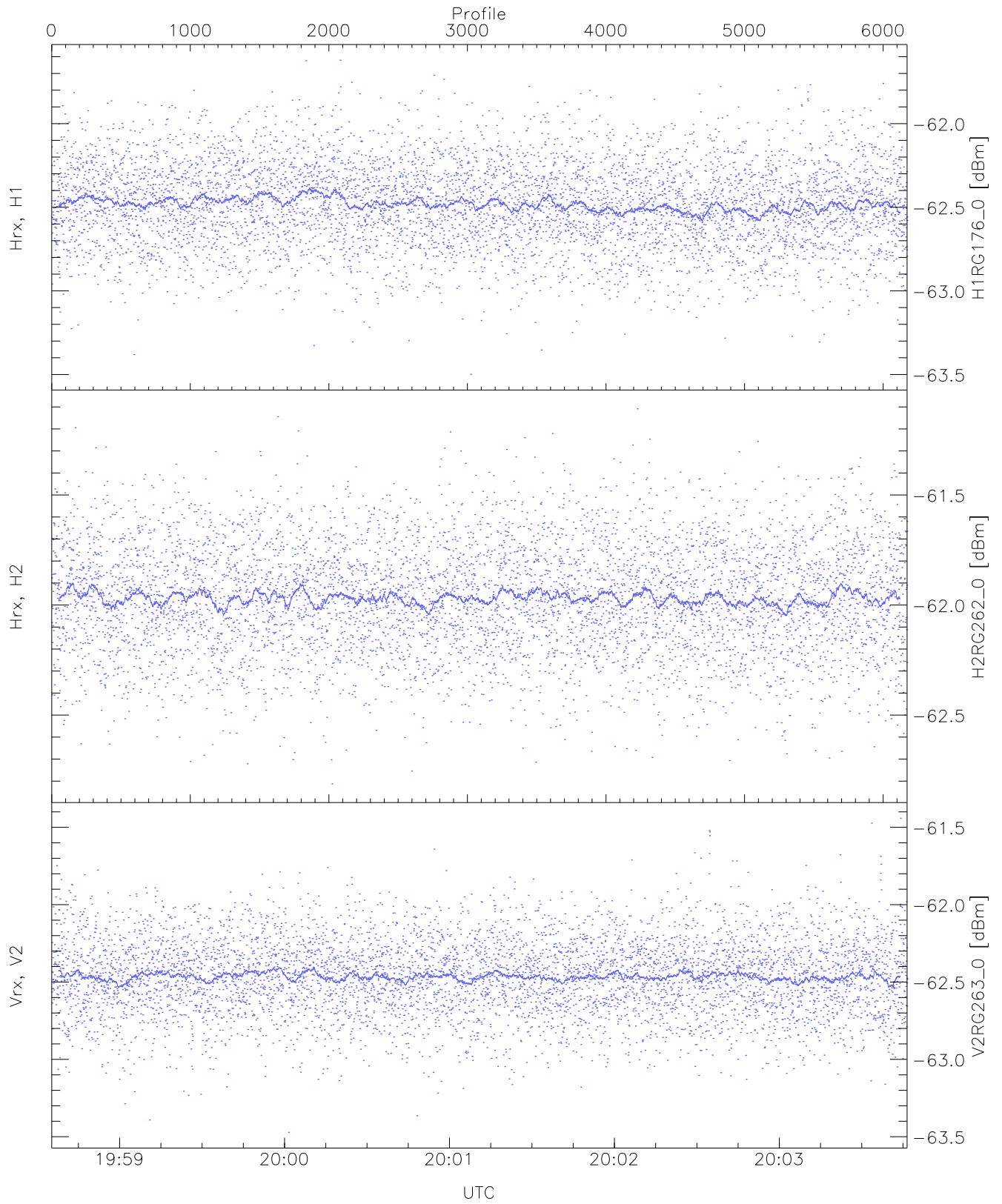
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.56	-60.69	-61.63	-61.64	-74.19
Hrx, H2 (HL [dBm])	-62.63	-60.85	-61.64	-61.64	-74.20
Vrx, V2 (HL [dBm])	-63.05	-61.27	-62.10	-62.09	-74.69



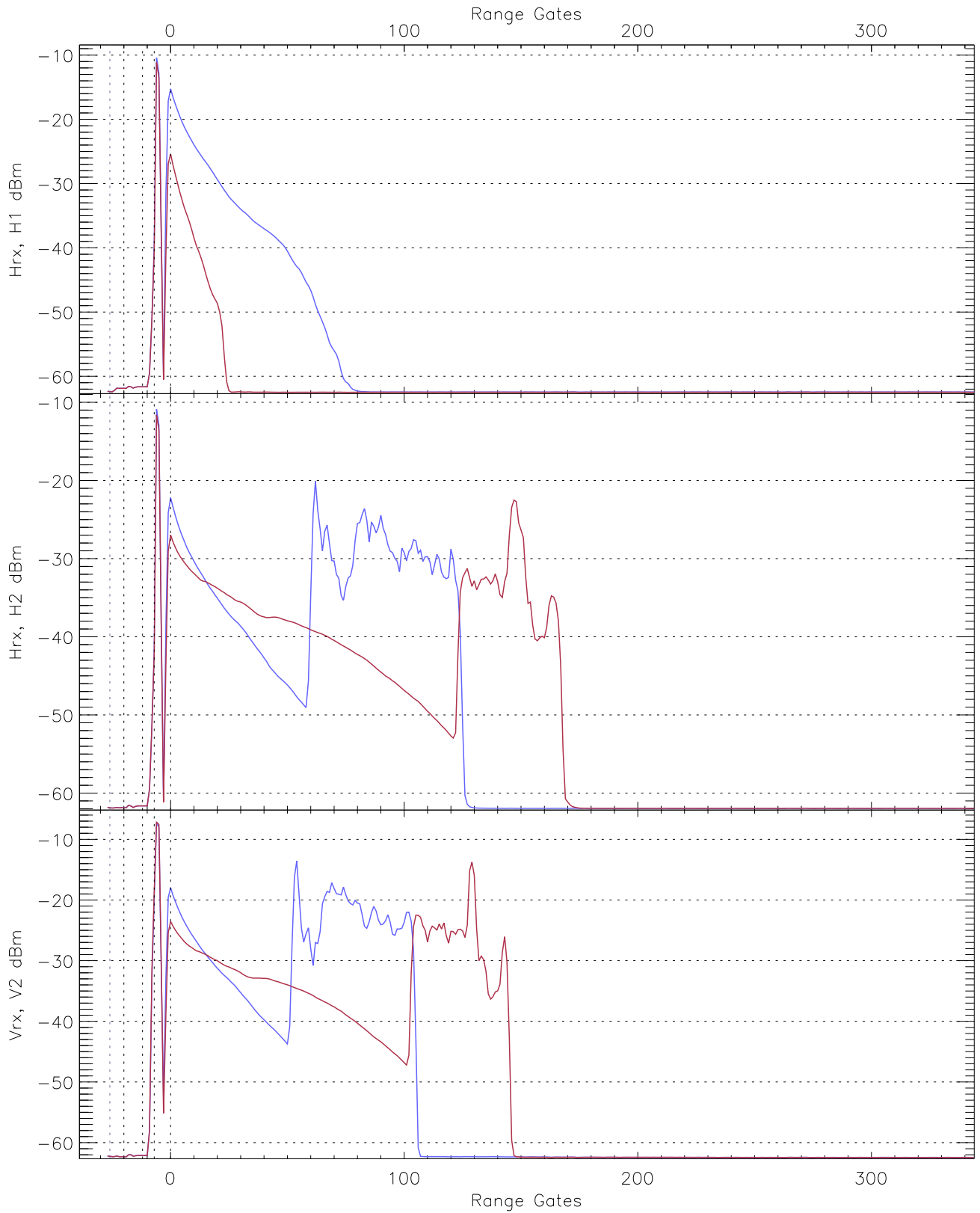
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.43	-61.49	-62.37	-62.37	-74.92
Hrx, H2 (RM [dBm])	-62.87	-60.98	-61.87	-61.88	-74.47
Vrx, V2 (RM [dBm])	-63.19	-61.40	-62.23	-62.23	-74.78

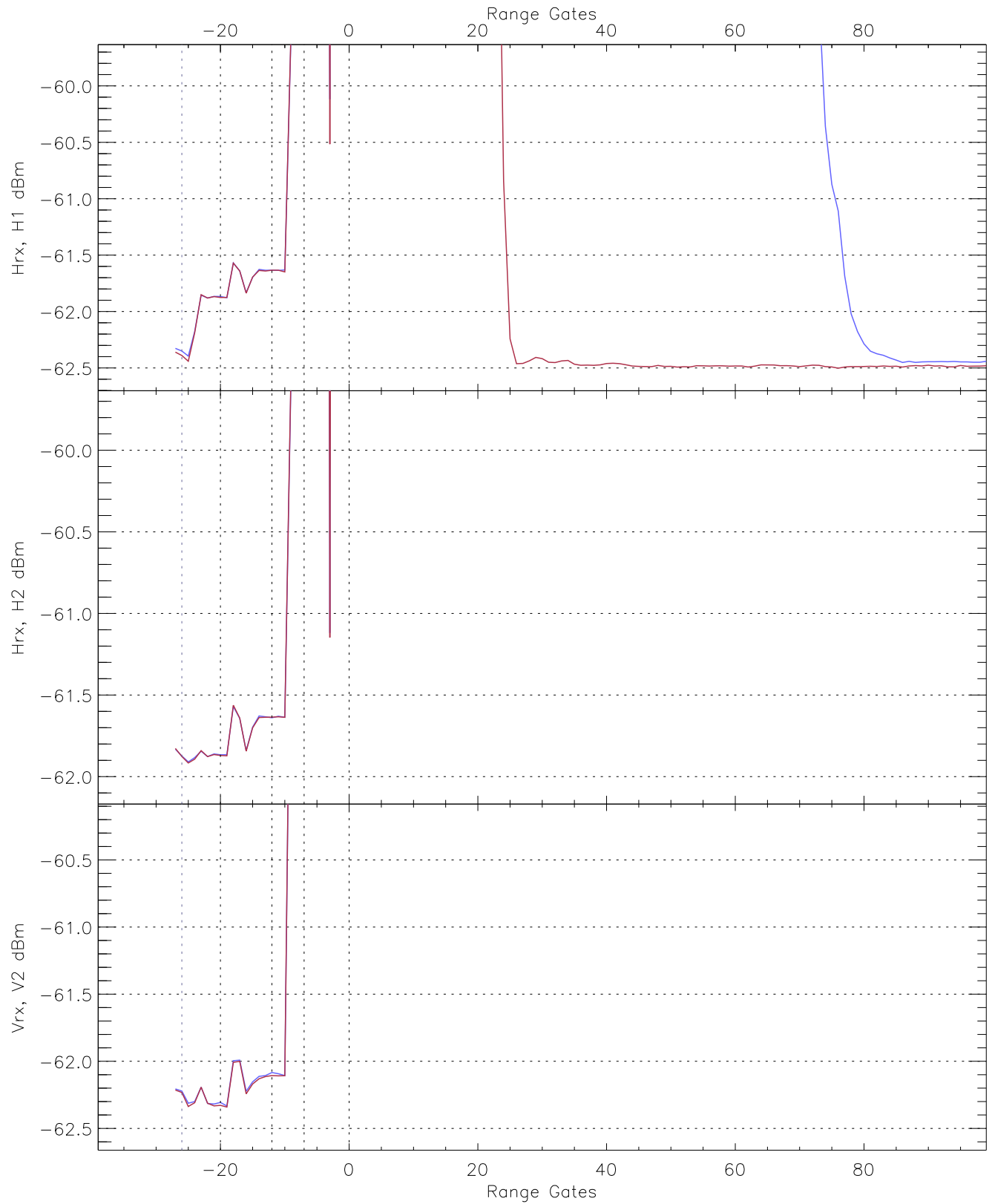


WCR2 CPP "Best" estimate Receivers Noise Power

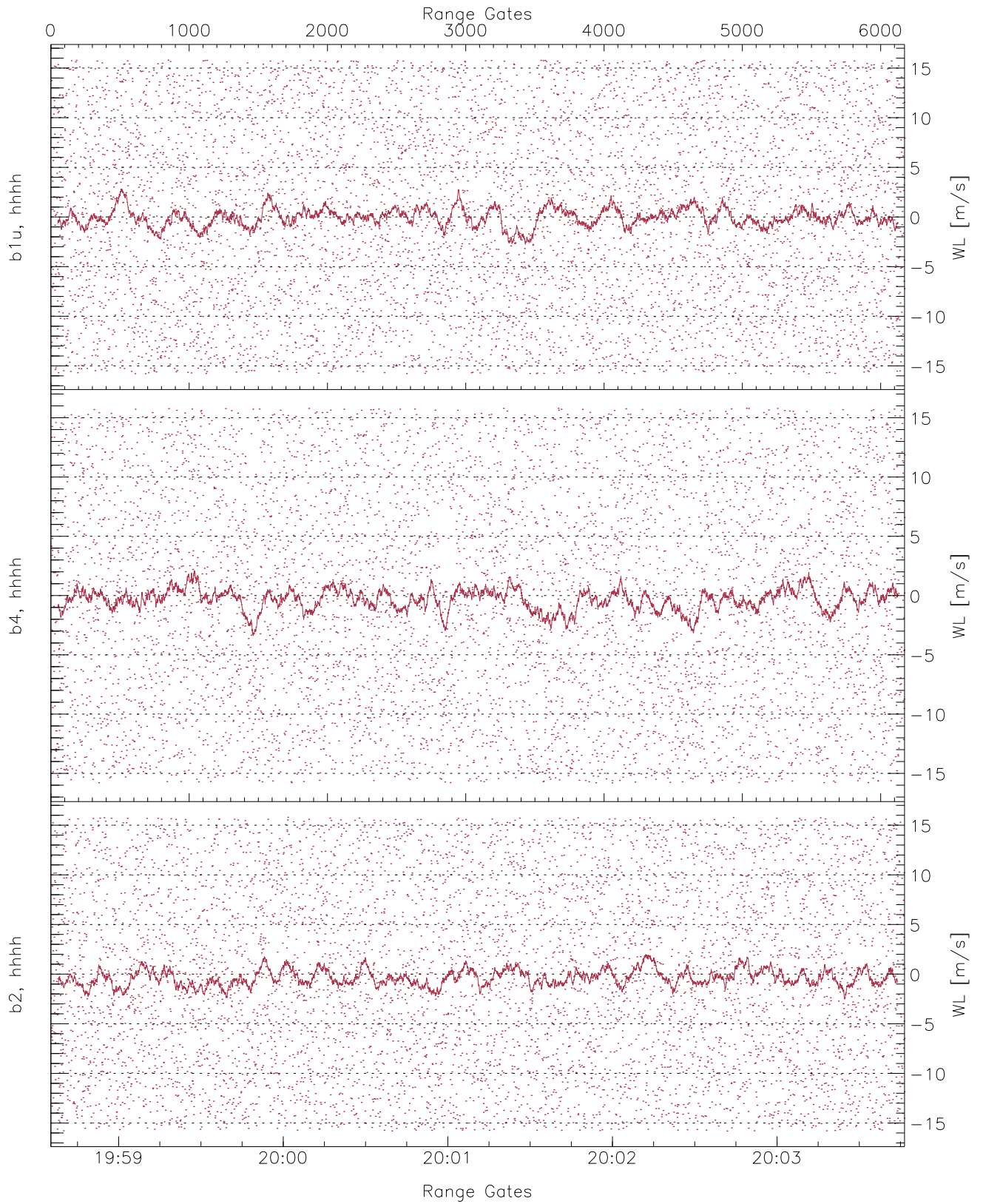
	Min	Max	Mean	Median	StDev
H1RG176_0 [dBm]	-63.50	-61.62	-62.48	-62.48	-74.97
H2RG262_0 [dBm]	-62.81	-61.11	-61.96	-61.97	-74.53
V2RG263_0 [dBm]	-63.47	-61.44	-62.46	-62.46	-75.02



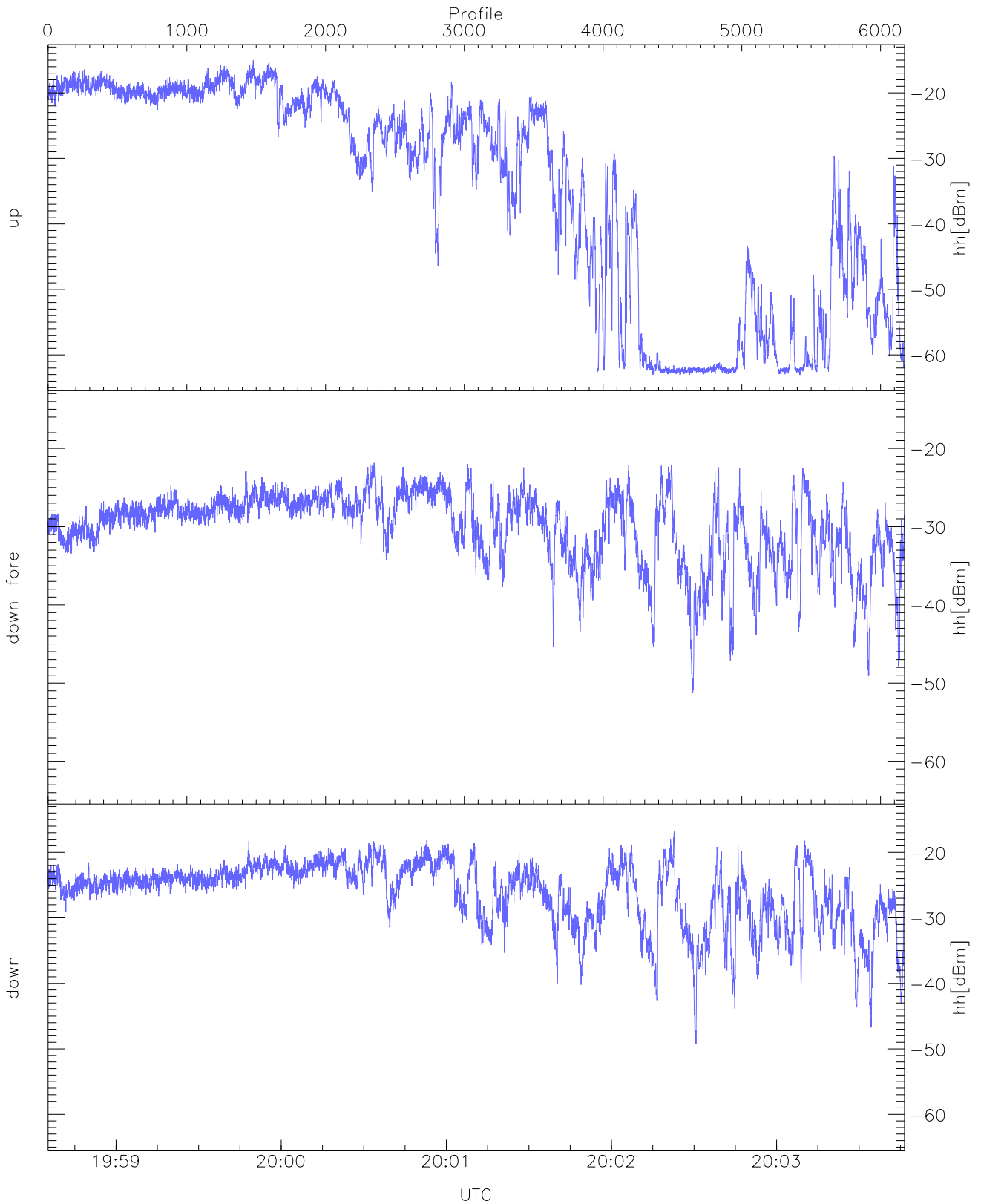
WCR2 CPP Averaged Received power for all recorded gates
blue: 195835-200111, 3088 profiles averaged
red: 200111-200346, 3087 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 195835-200111, 3088 profiles averaged
red: 200111-200346, 3087 profiles averaged

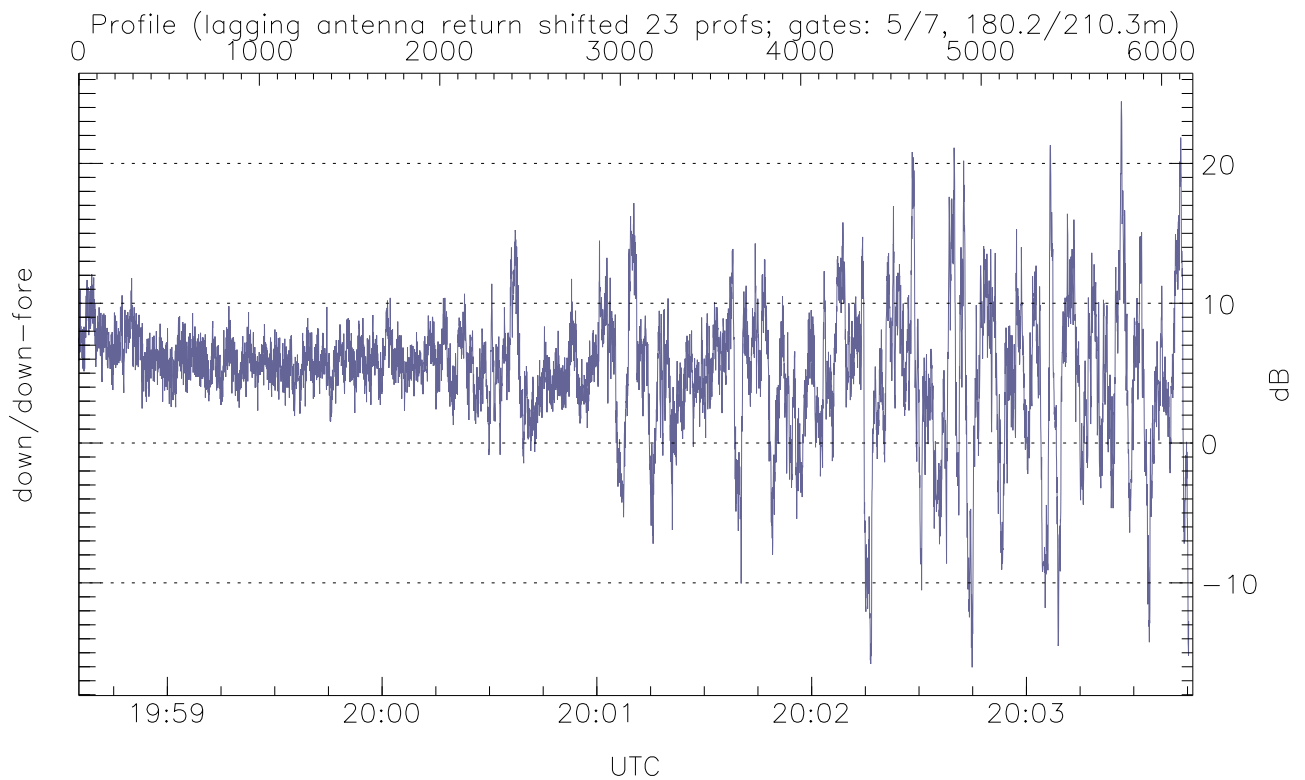
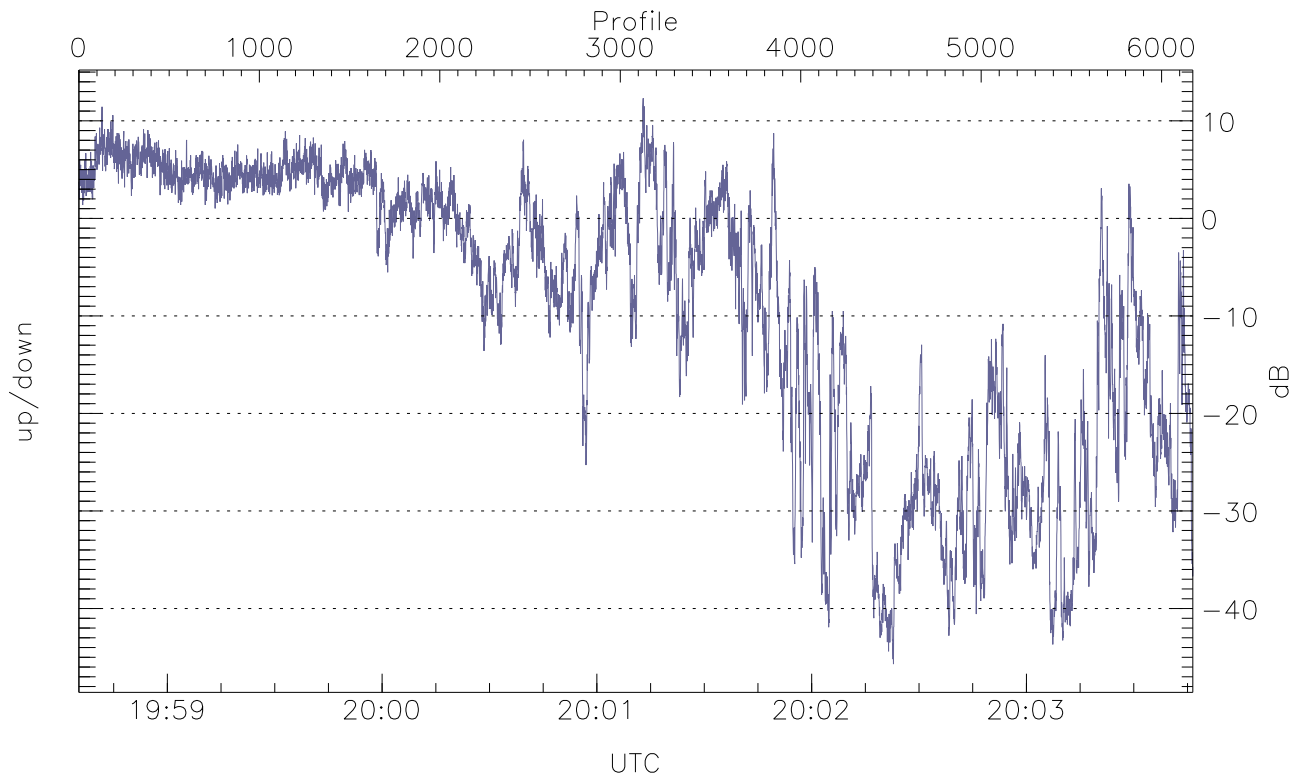


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



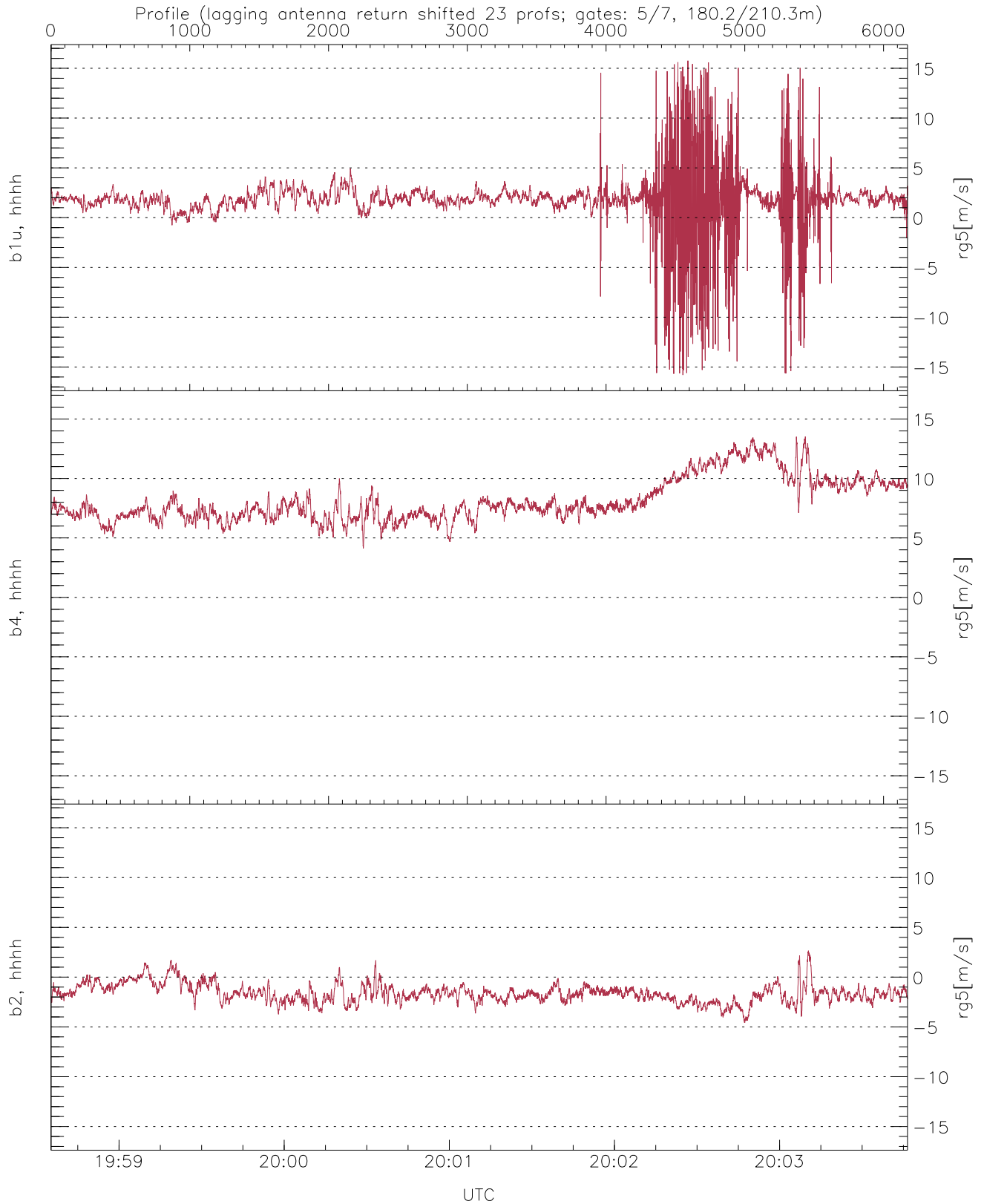
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.06	-15.03	-23.24
down-fore(hh[dBm])	-51.30	-21.86	-28.38
down(hh[dBm])	-49.19	-16.84	-24.34



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

	Min	Max	Mean
up/down (dB)	-45.70	12.31	-9.12
down/down-fore (dB)	-16.04	24.43	5.11



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.77	1.73	2.58
b4, hhhh(rg5[m/s])	4.13	13.52	8.15	1.81
b2, hhhh(rg5[m/s])	-4.59	2.66	-1.61	0.95