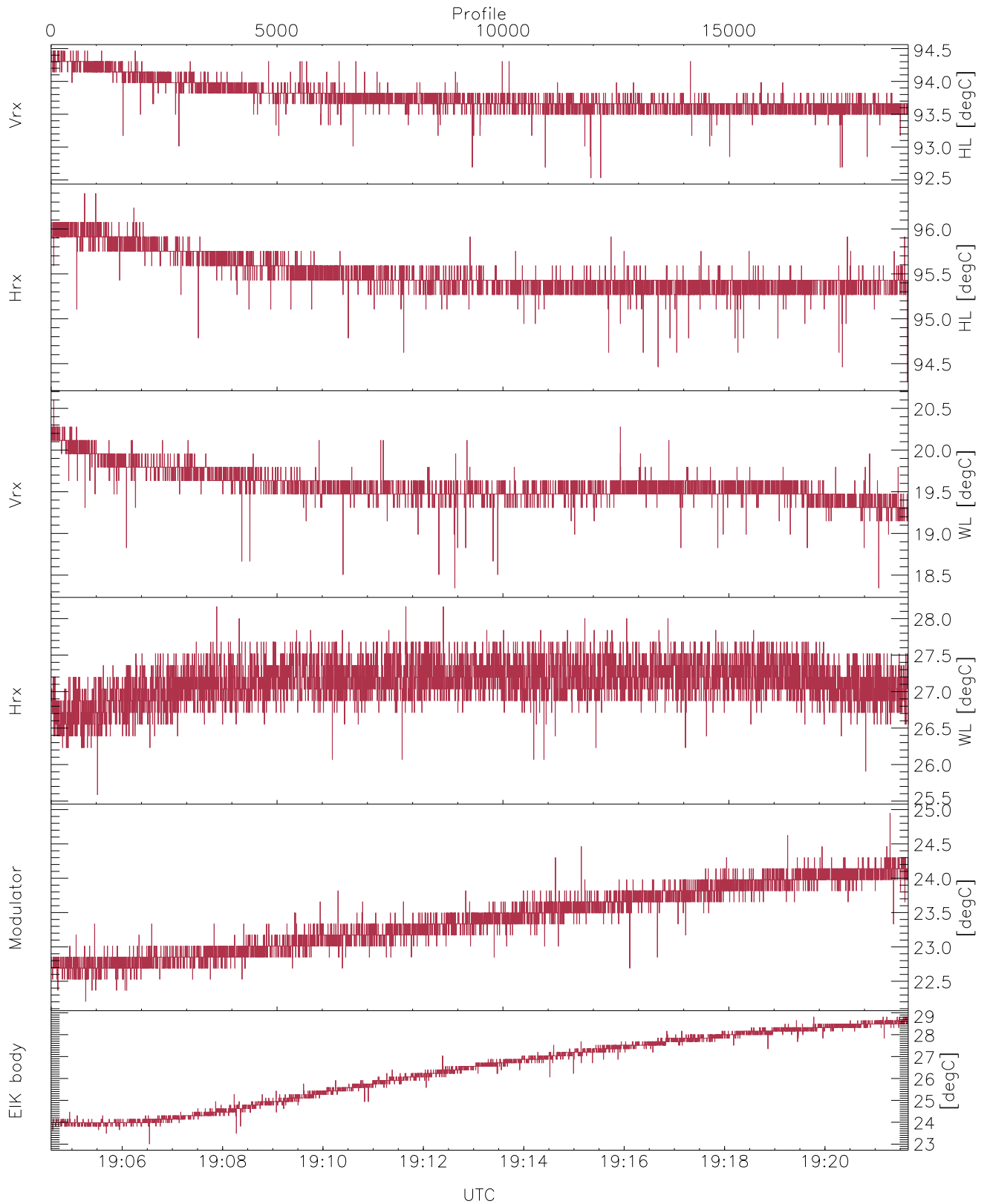


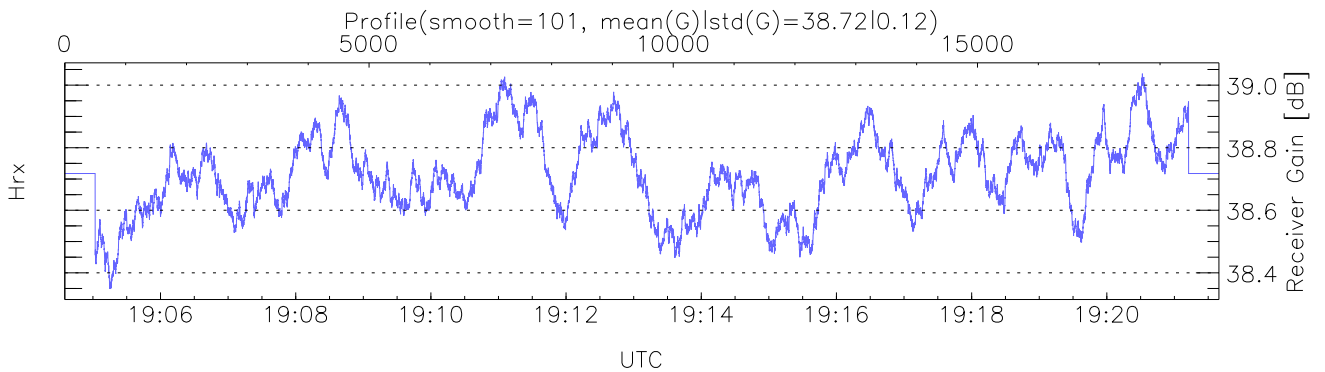
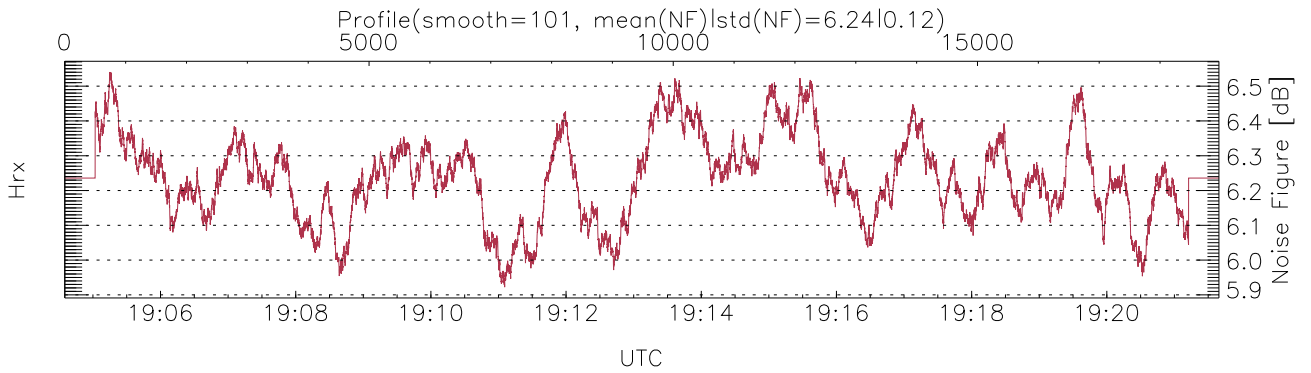
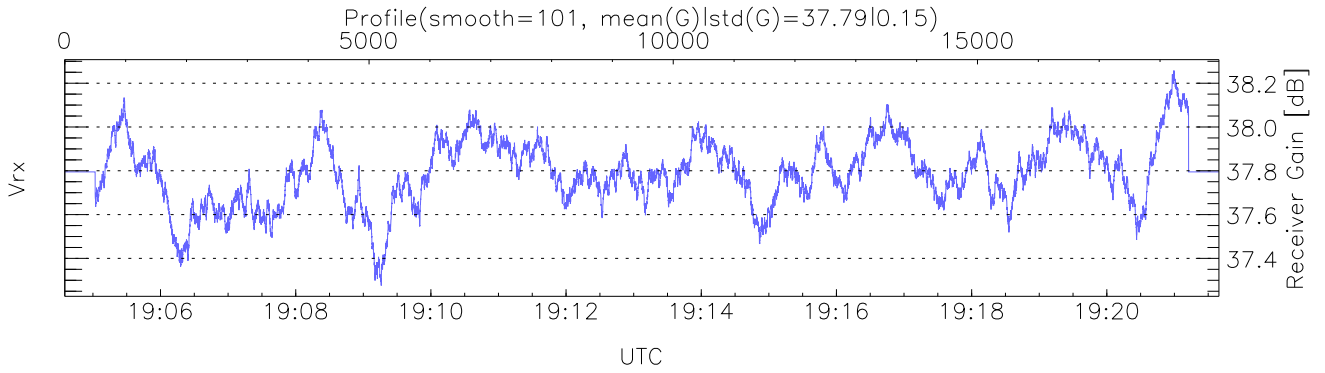
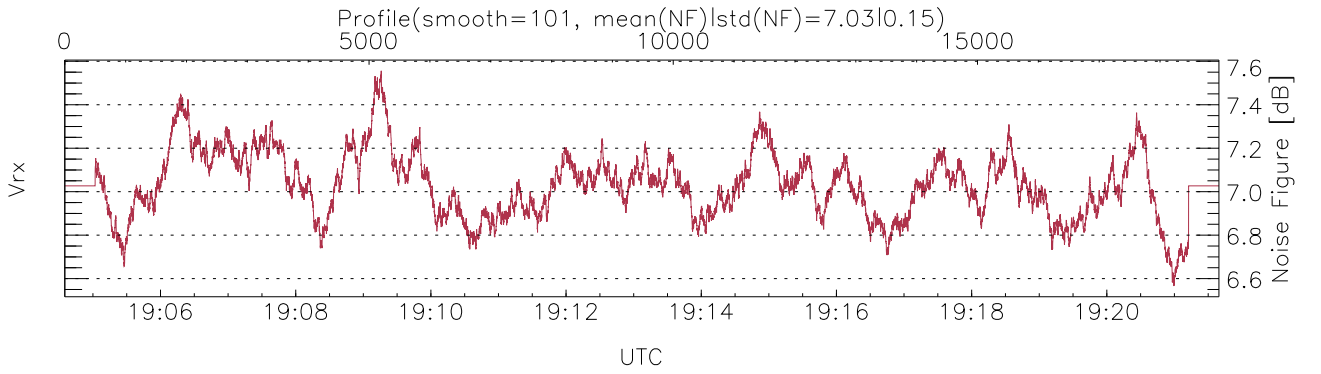
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 19:04:35-19:21:40, Dur: 1024.53s
 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): 18969/18969, 0-18968/19:04:35-19:21:40
 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



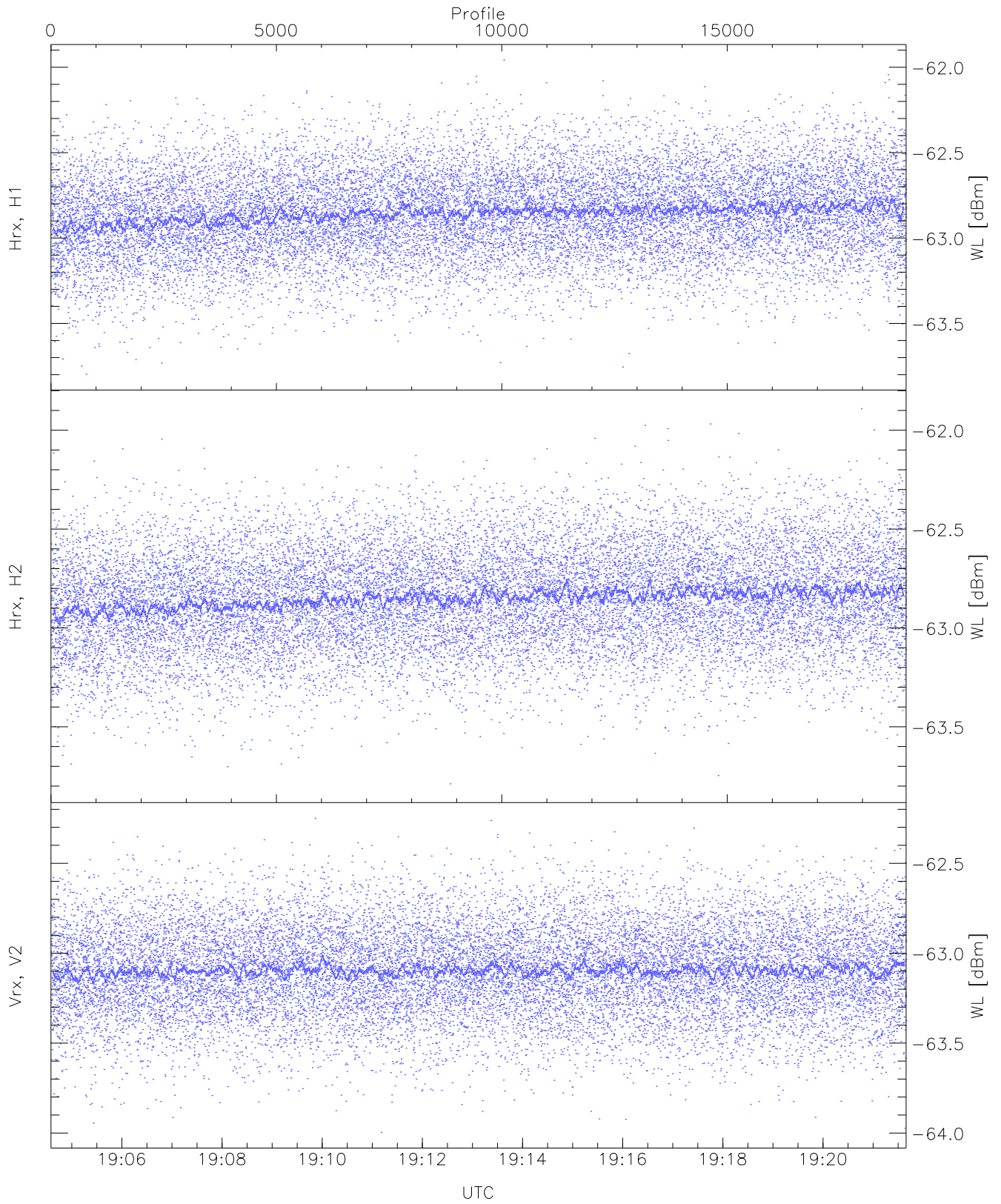
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,18,25,22,23`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,20,28,24,28`
`LOalarm(20,80,240,2.8,14.8 MHz): None`
`EIK Faults(# prof affected):`
`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (14,14,20,25,11,35)`



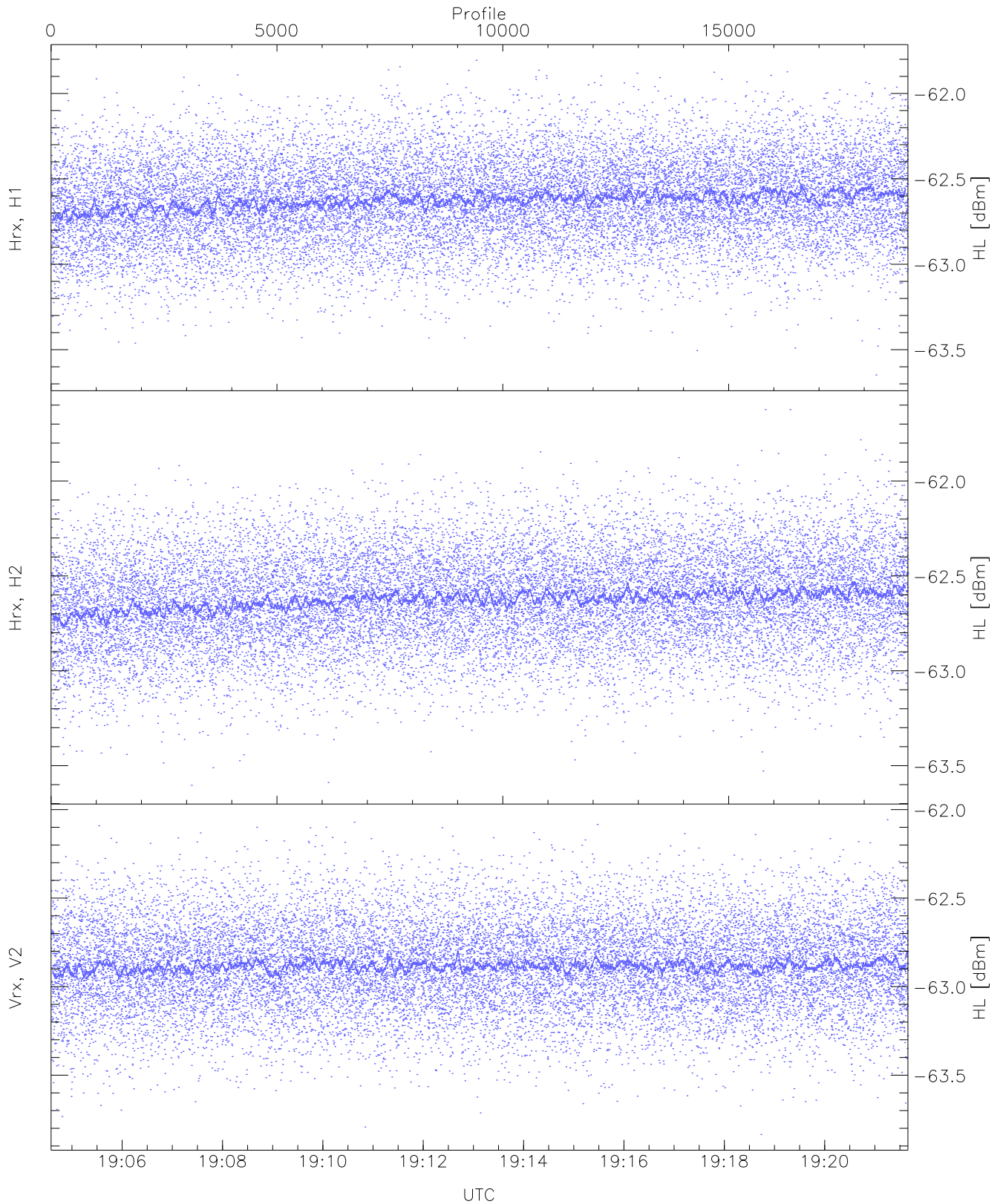
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 81 pixs, 15 gates, 81 profs, 1 prods



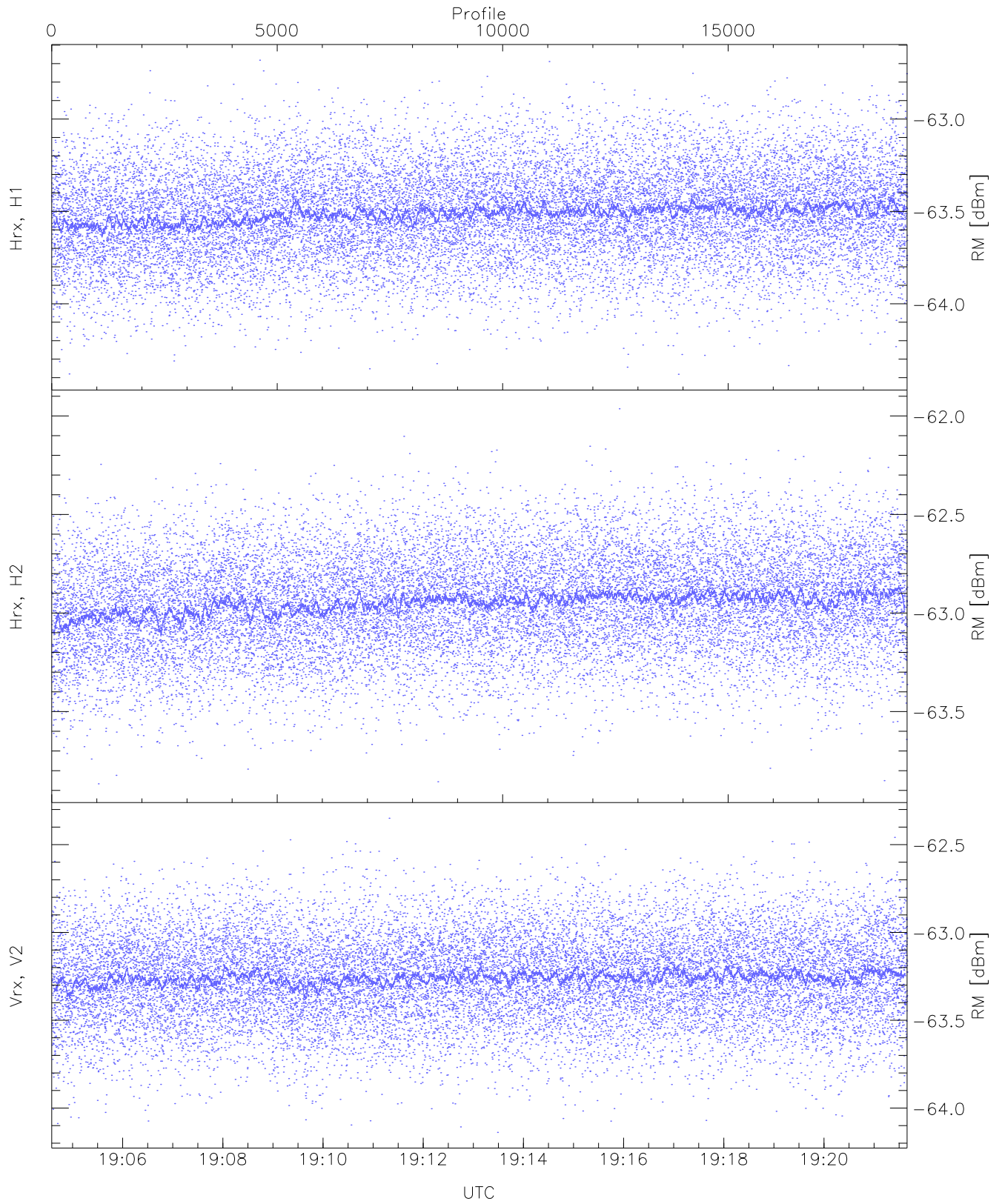
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-63.80	-61.96	-62.85	-62.86	-75.53
Hrx, H2 (WL [dBm])	-63.79	-61.89	-62.85	-62.85	-75.54
Vrx, V2 (WL [dBm])	-64.00	-62.25	-63.09	-63.10	-75.81



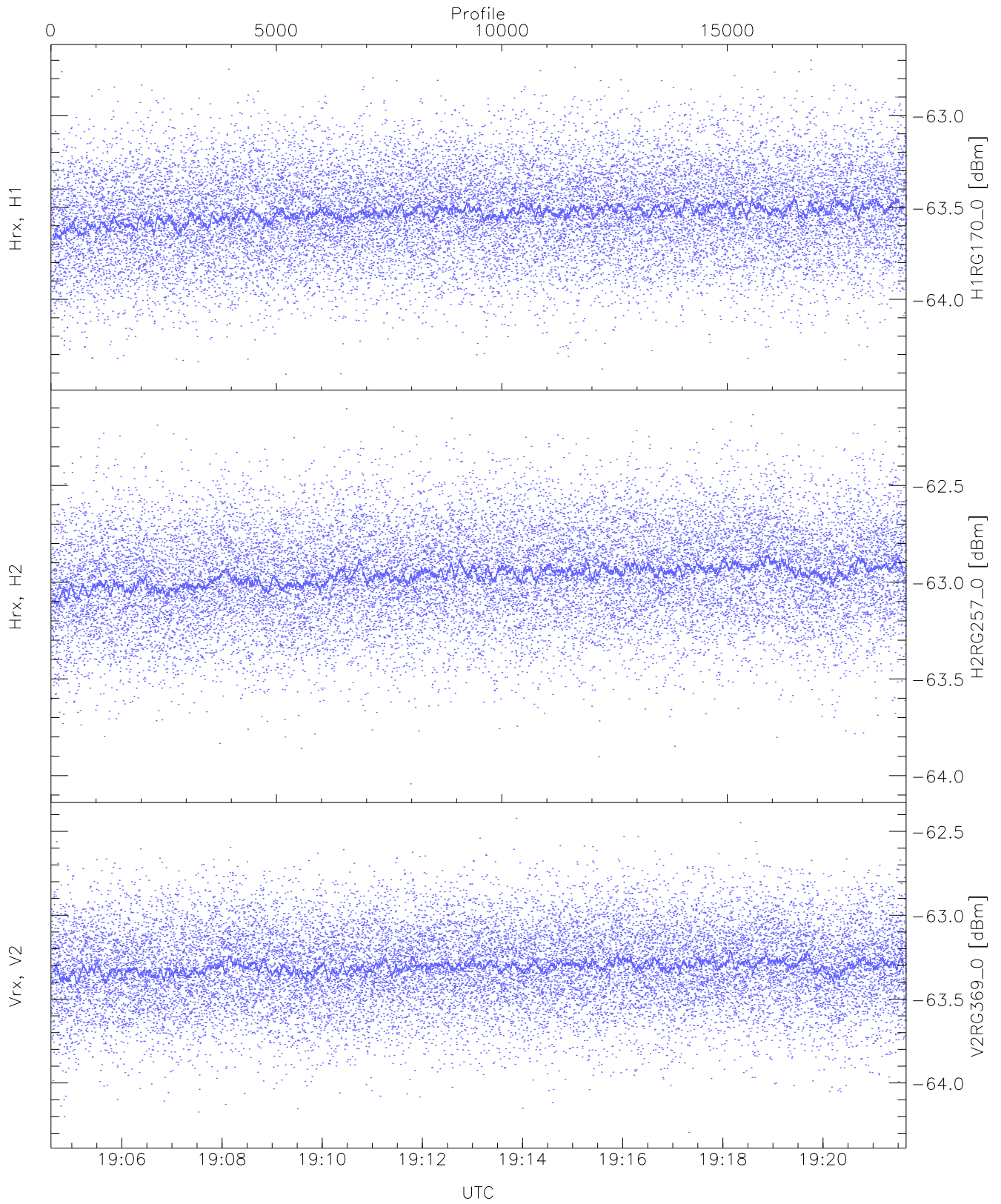
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.65	-61.81	-62.62	-62.63	-75.27
Hrx, H2 (HL [dBm])	-63.60	-61.62	-62.62	-62.63	-75.30
Vrx, V2 (HL [dBm])	-63.83	-62.06	-62.88	-62.89	-75.55



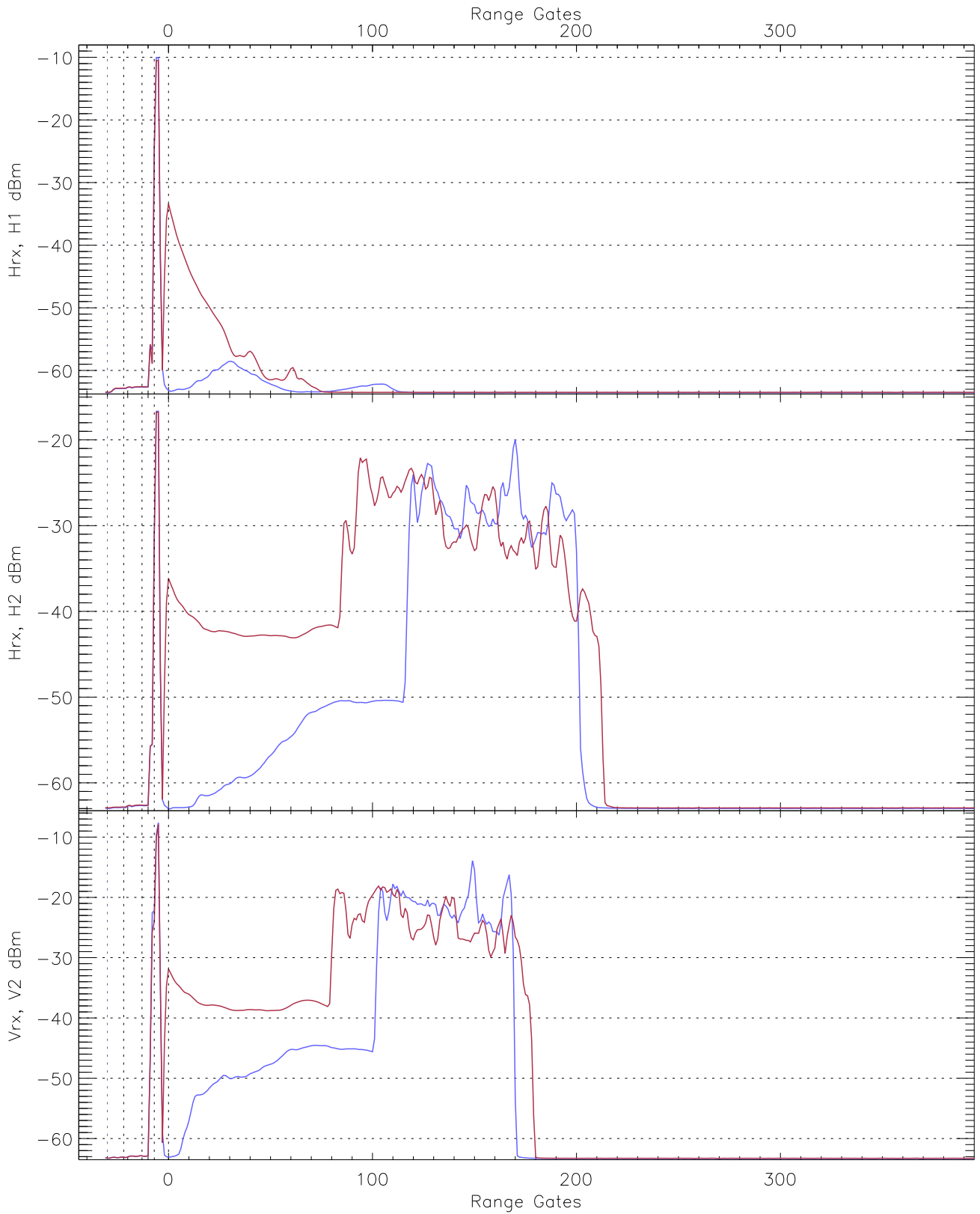
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.38	-62.68	-63.51	-63.51	-76.17
Hrx, H2 (RM [dBm])	-63.87	-61.96	-62.95	-62.95	-75.62
Vrx, V2 (RM [dBm])	-64.14	-62.35	-63.26	-63.26	-75.90

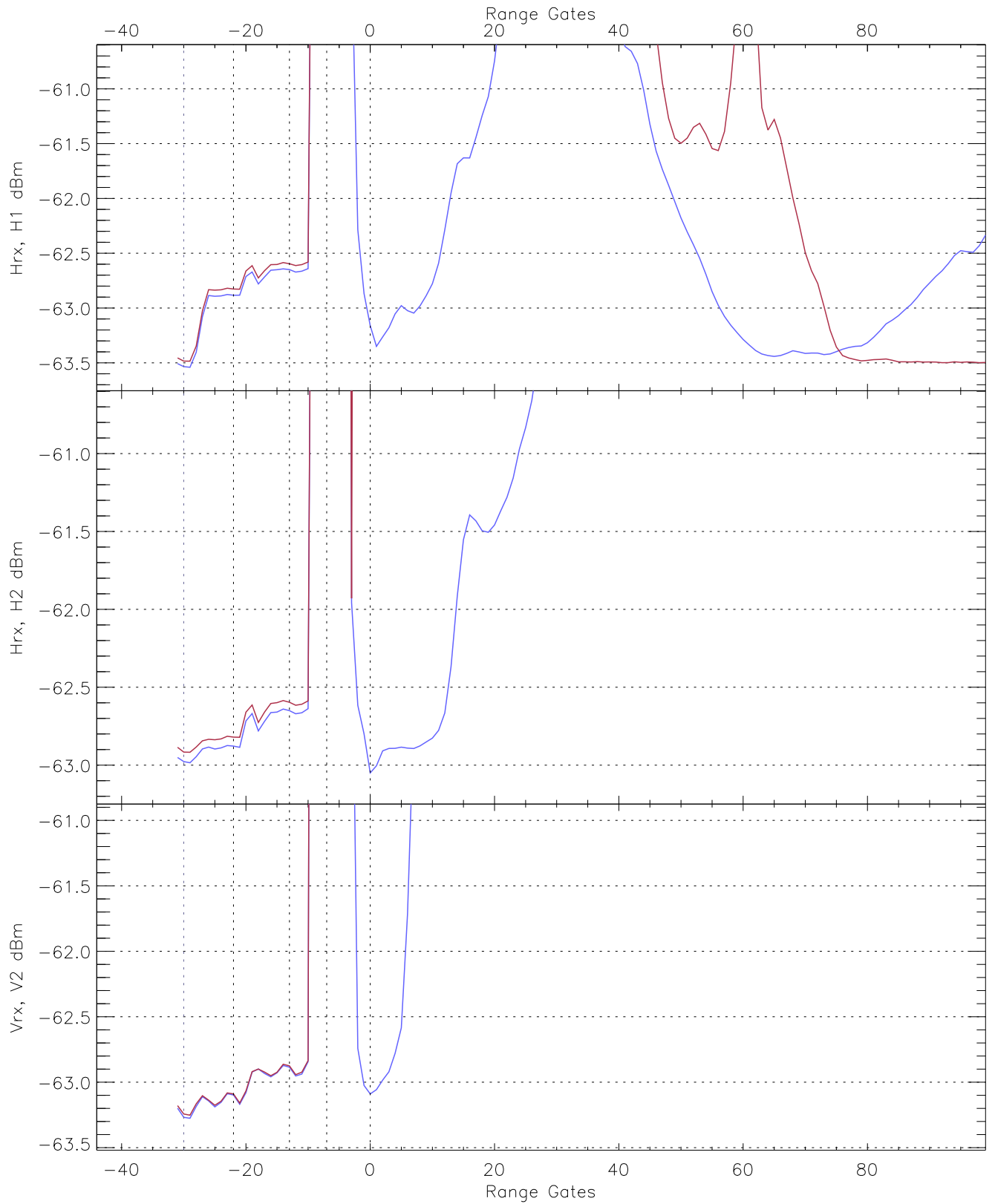


WCR2 CPP "Best" estimate Receivers Noise Power

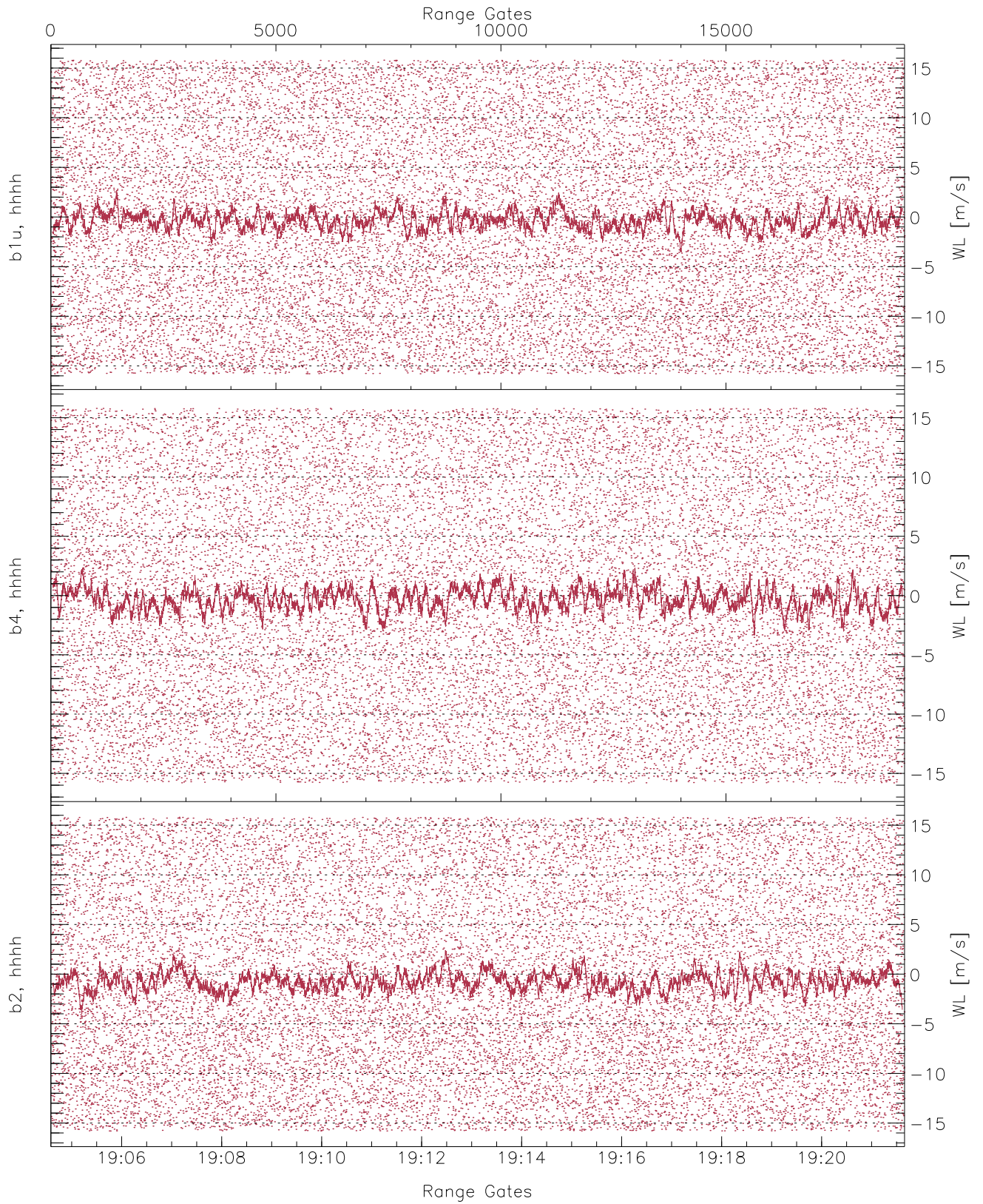
	Min	Max	Mean	Median	StDev
H1RG170_0 [dBm]	-64.41	-62.70	-63.53	-63.54	-76.20
H2RG257_0 [dBm]	-64.04	-62.10	-62.96	-62.97	-75.55
V2RG369_0 [dBm]	-64.29	-62.42	-63.30	-63.31	-76.00



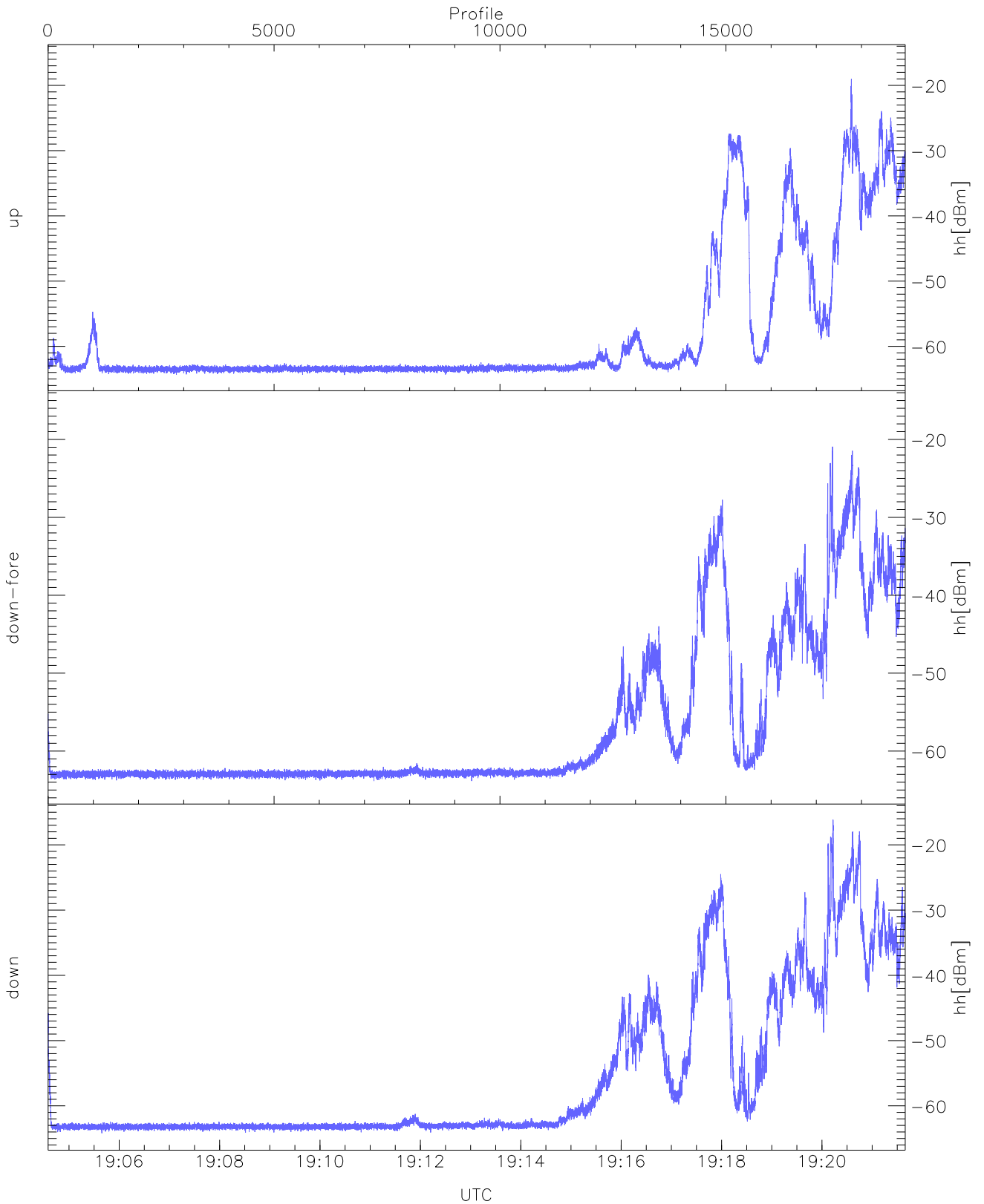
WCR2 CPP Averaged Received power for all recorded gates
blue: 190435-191307, 9485 profiles averaged
red: 191307-192140, 9485 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 190435-191307, 9485 profiles averaged
red: 191307-192140, 9485 profiles averaged

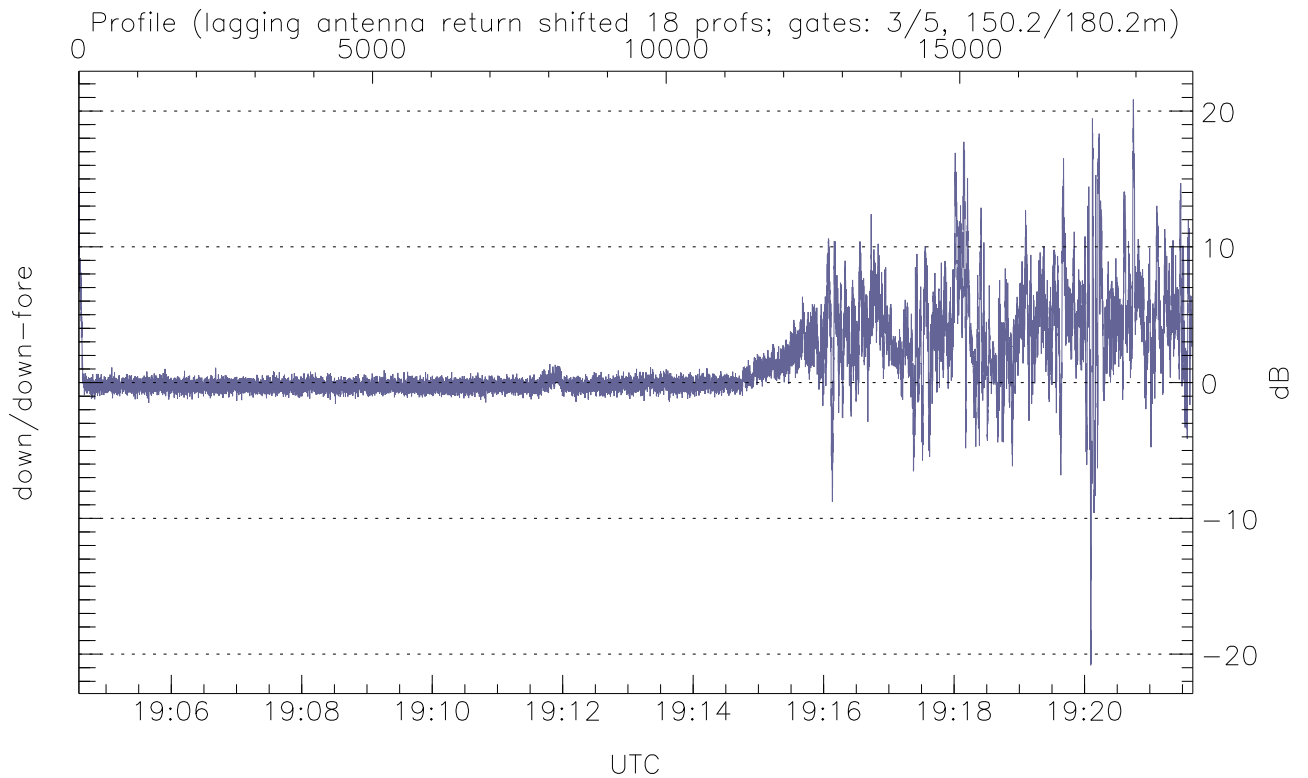
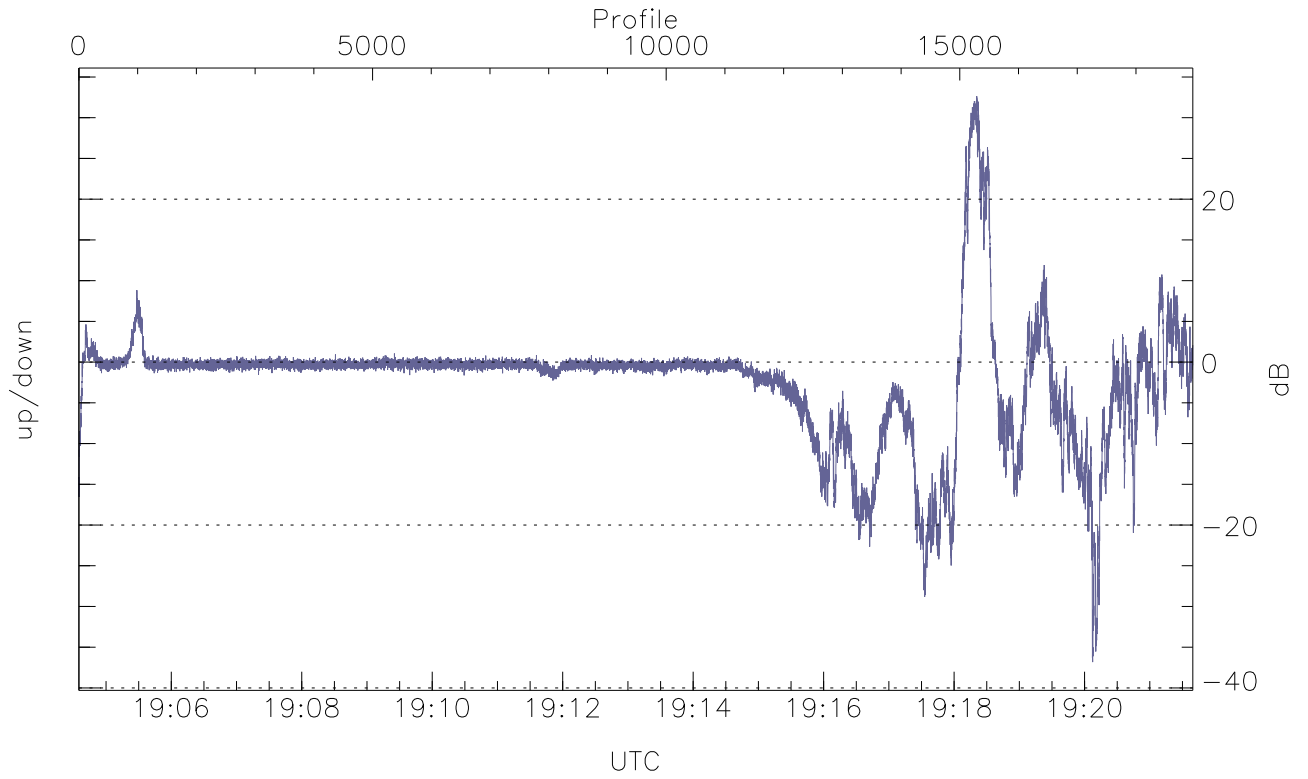


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



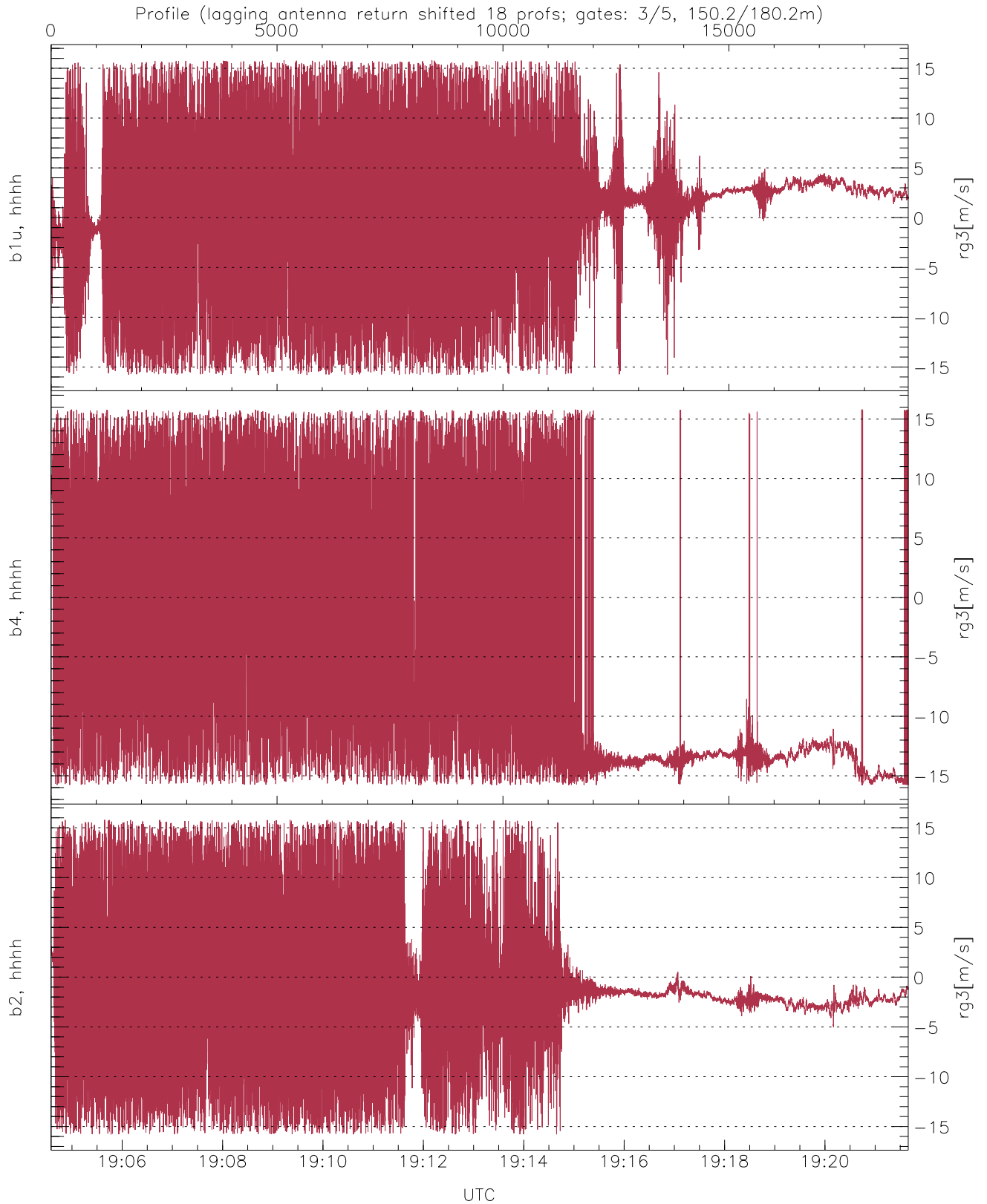
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-64.39	-19.01	-40.21
down-fore(hh[dBm])	-63.84	-20.93	-40.96
down(hh[dBm])	-64.19	-16.16	-36.87



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

	Min	Max	Mean
up/down (dB)	-36.82	32.63	-2.34
down/down-fore (dB)	-20.82	20.85	1.39



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.80	15.79	0.81	6.68
b4, hhhh(rg3[m/s])	-15.80	15.80	-5.68	9.78
b2, hhhh(rg3[m/s])	-15.79	15.80	-1.27	6.38