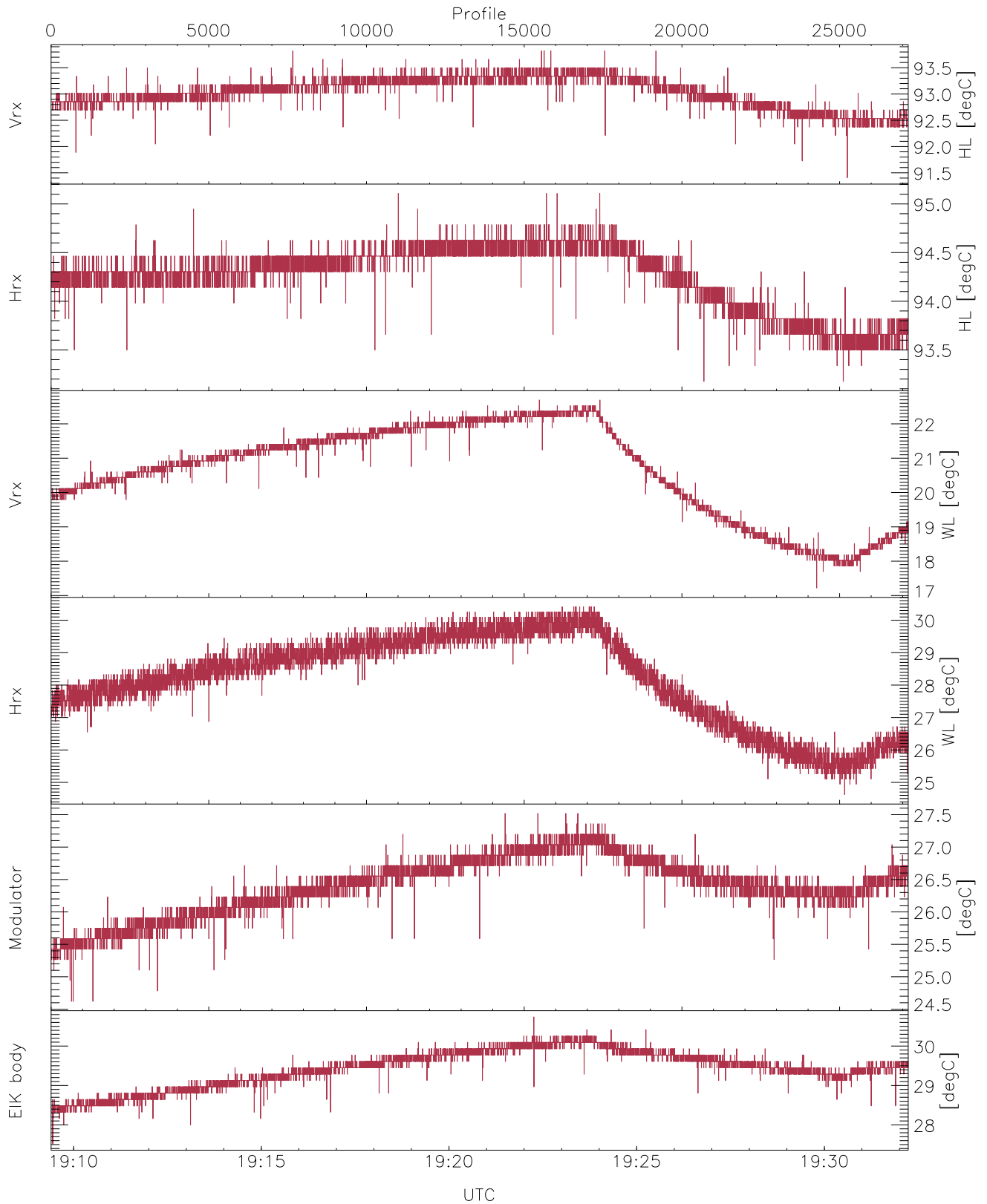


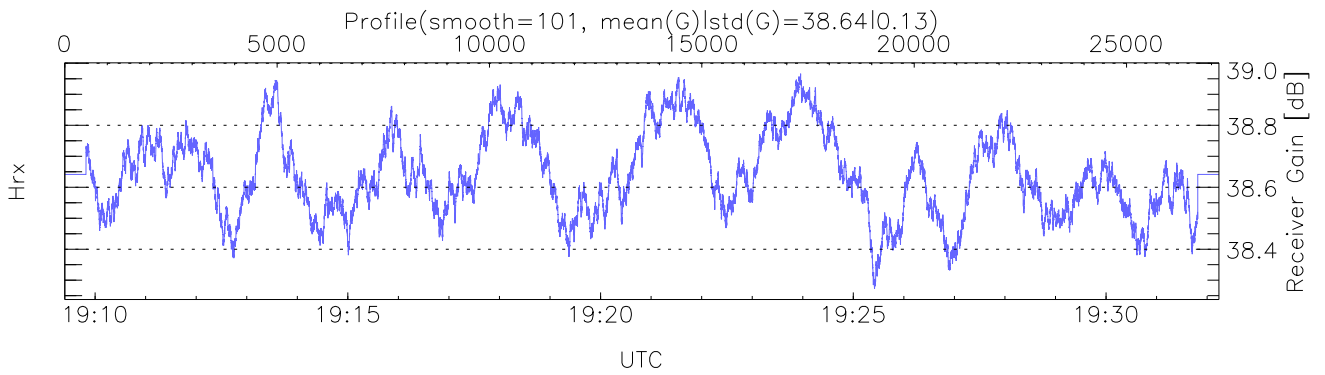
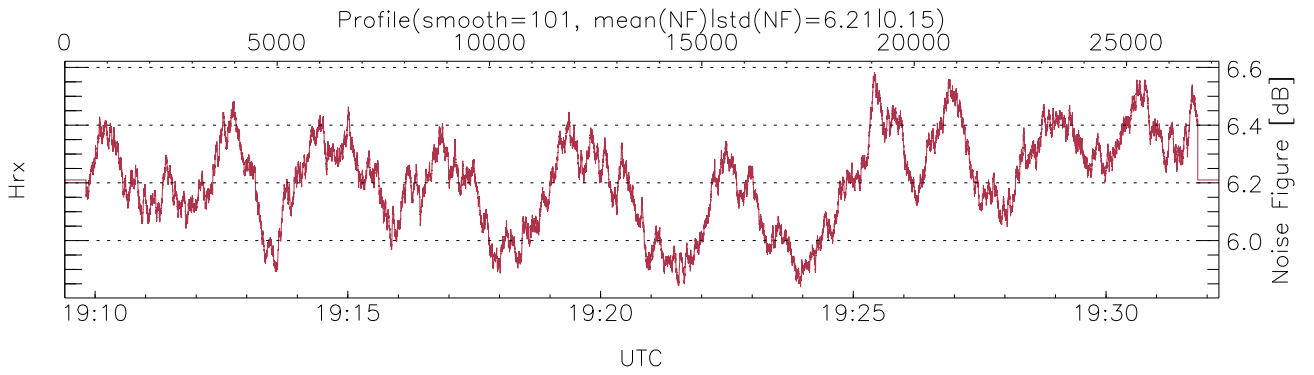
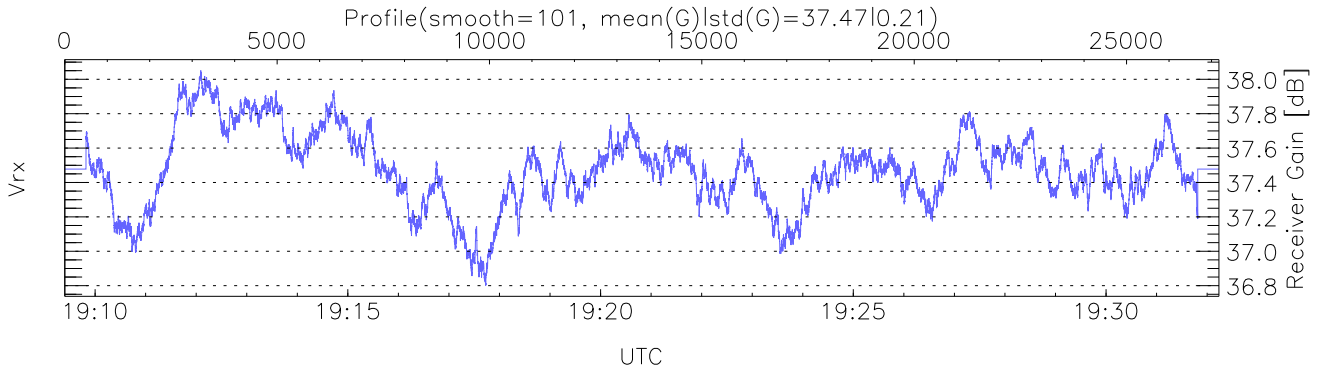
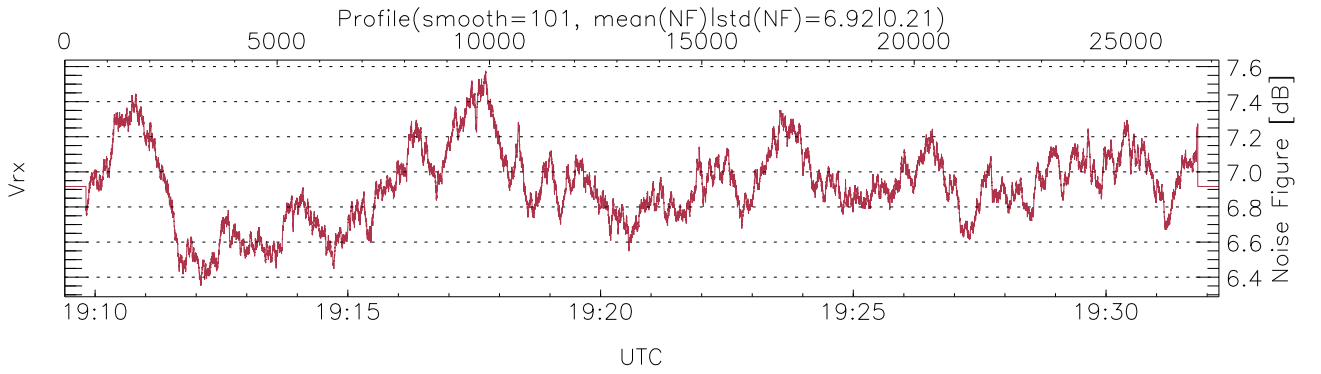
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 19:09:24-19:32:14, Dur: 1370.01s
 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): 27177/27177, 0-27176/19:09:24-19:32:14
 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



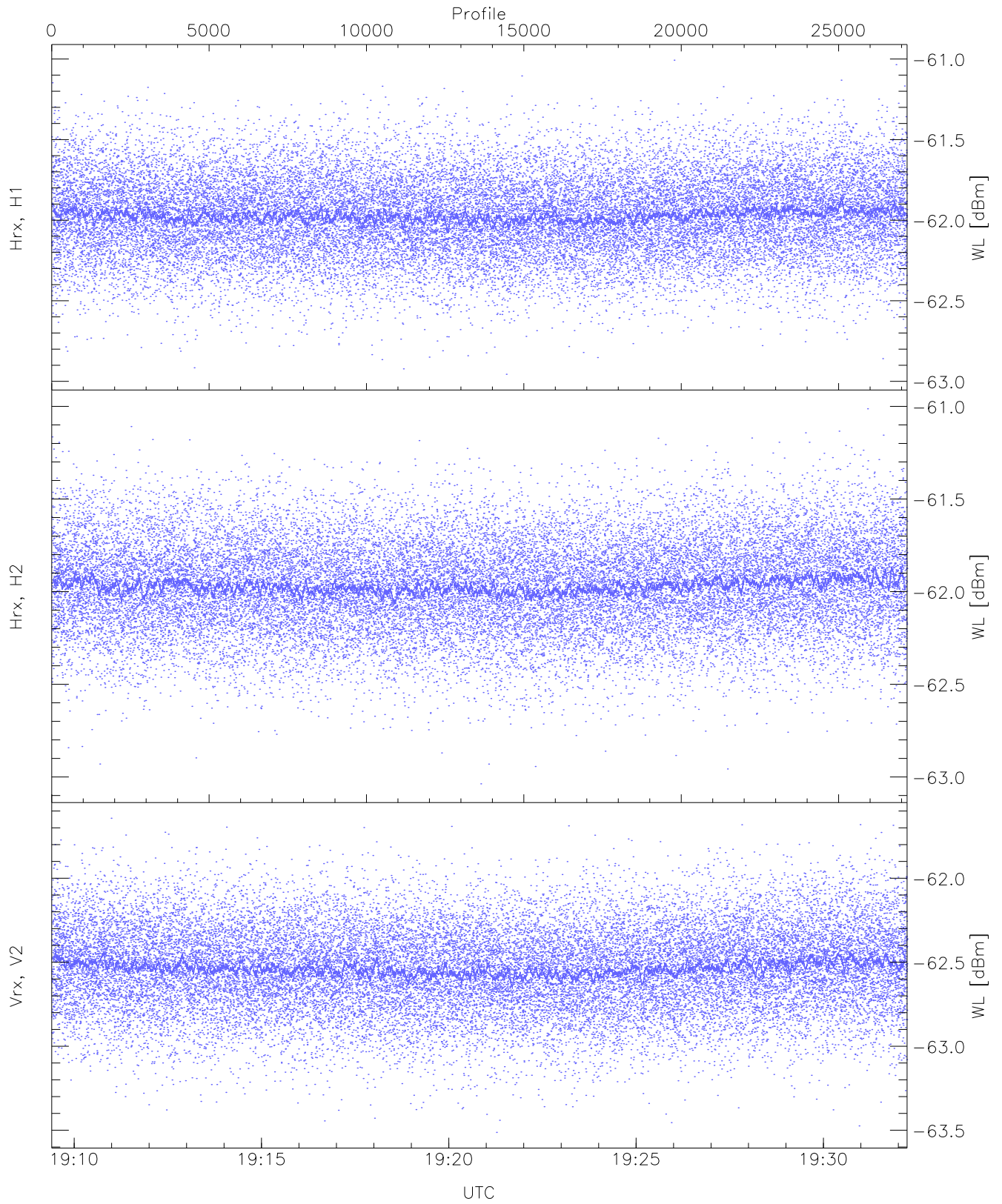
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,17,24,24,27
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,22,30,27,30
 LOalarm(20,80,240,2.8,14.8 MHz): None
 EIK Faults(# prof affected):
 HVPS (11)



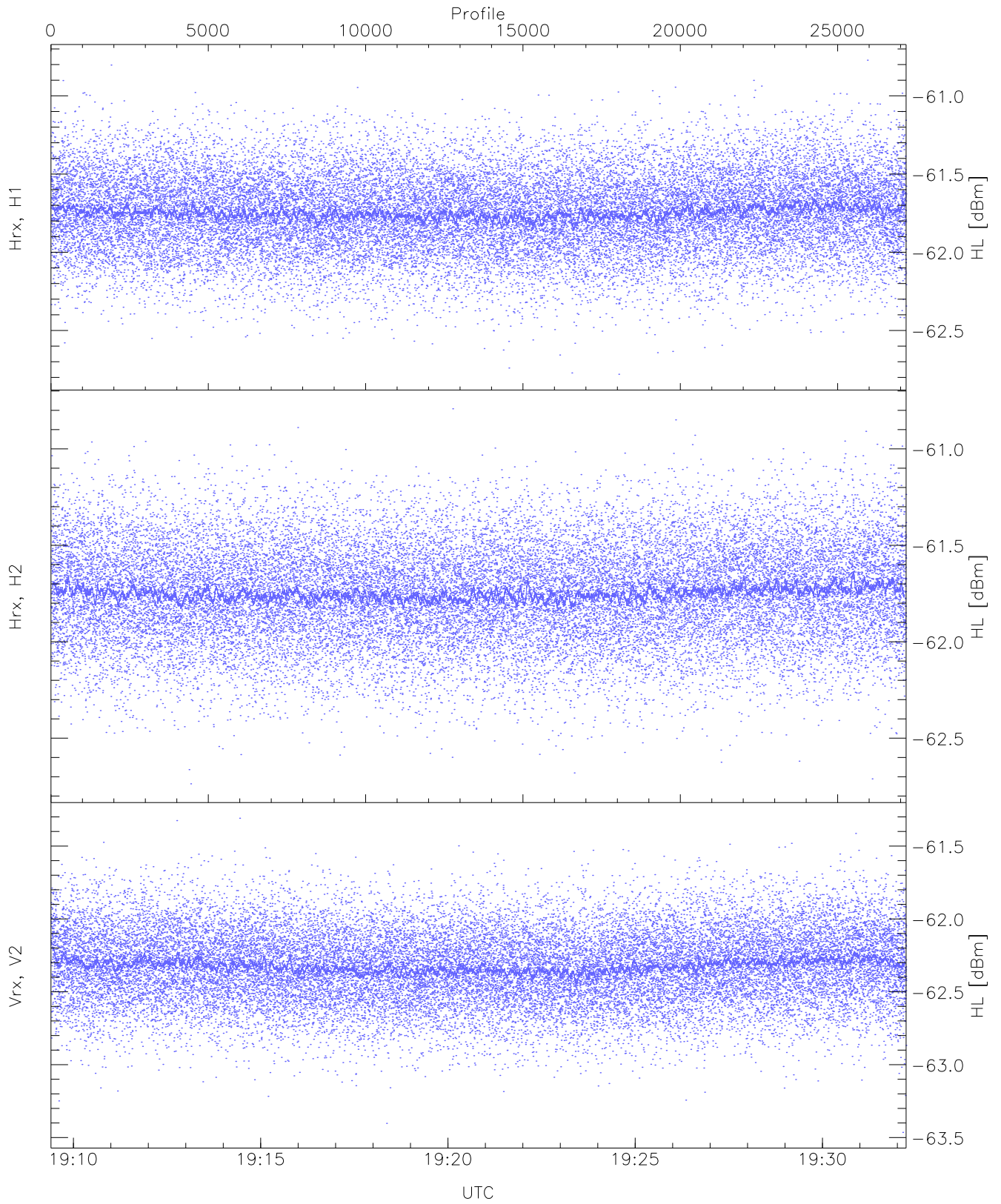
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 4819 pixs, 33 gates, 4681 profs, 2 prods



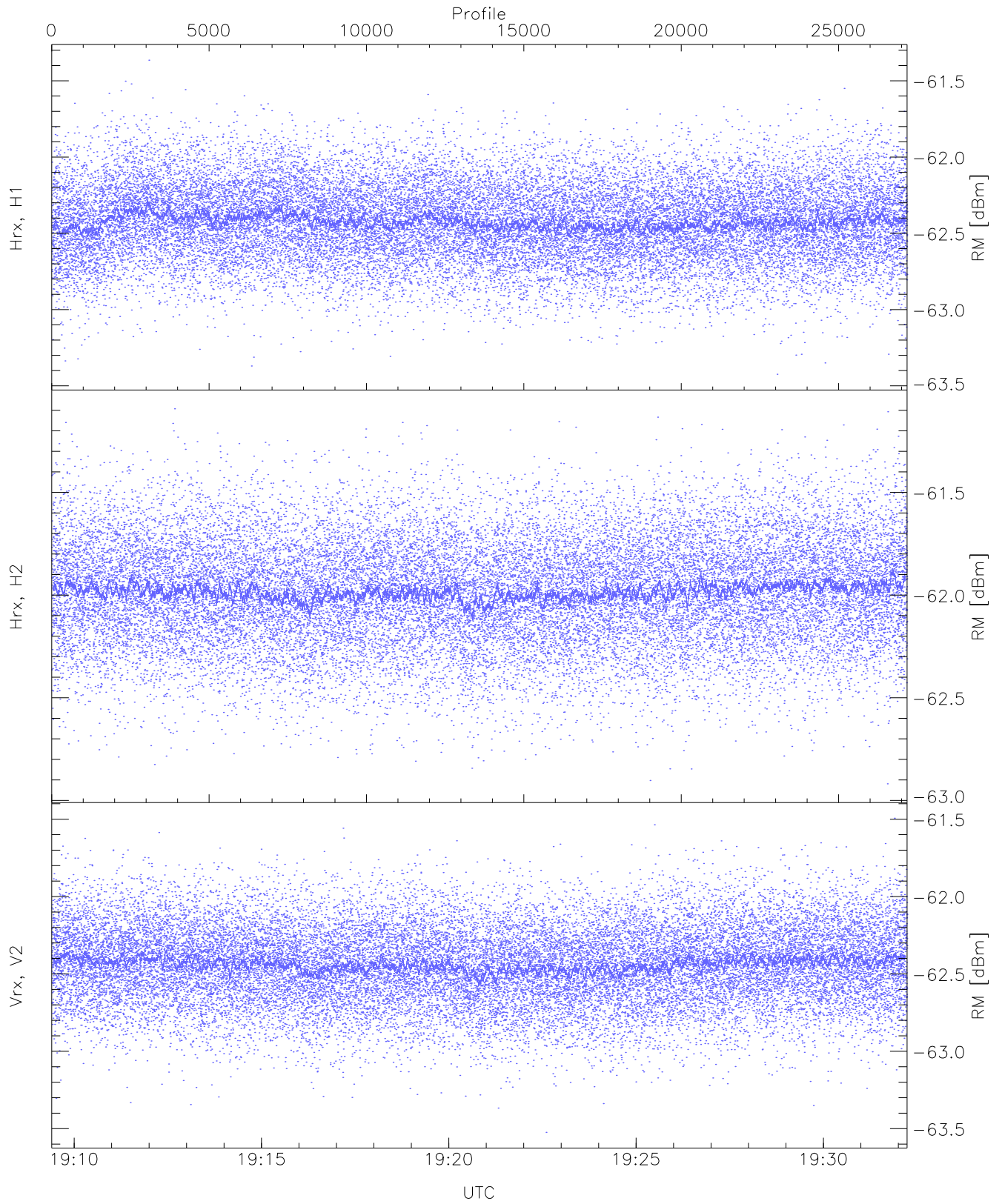
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.96	-61.01	-61.97	-61.97	-74.54
Hrx, H2(WL [dBm])	-63.04	-61.01	-61.97	-61.97	-74.58
Vrx, V2(WL [dBm])	-63.51	-61.64	-62.53	-62.54	-75.05



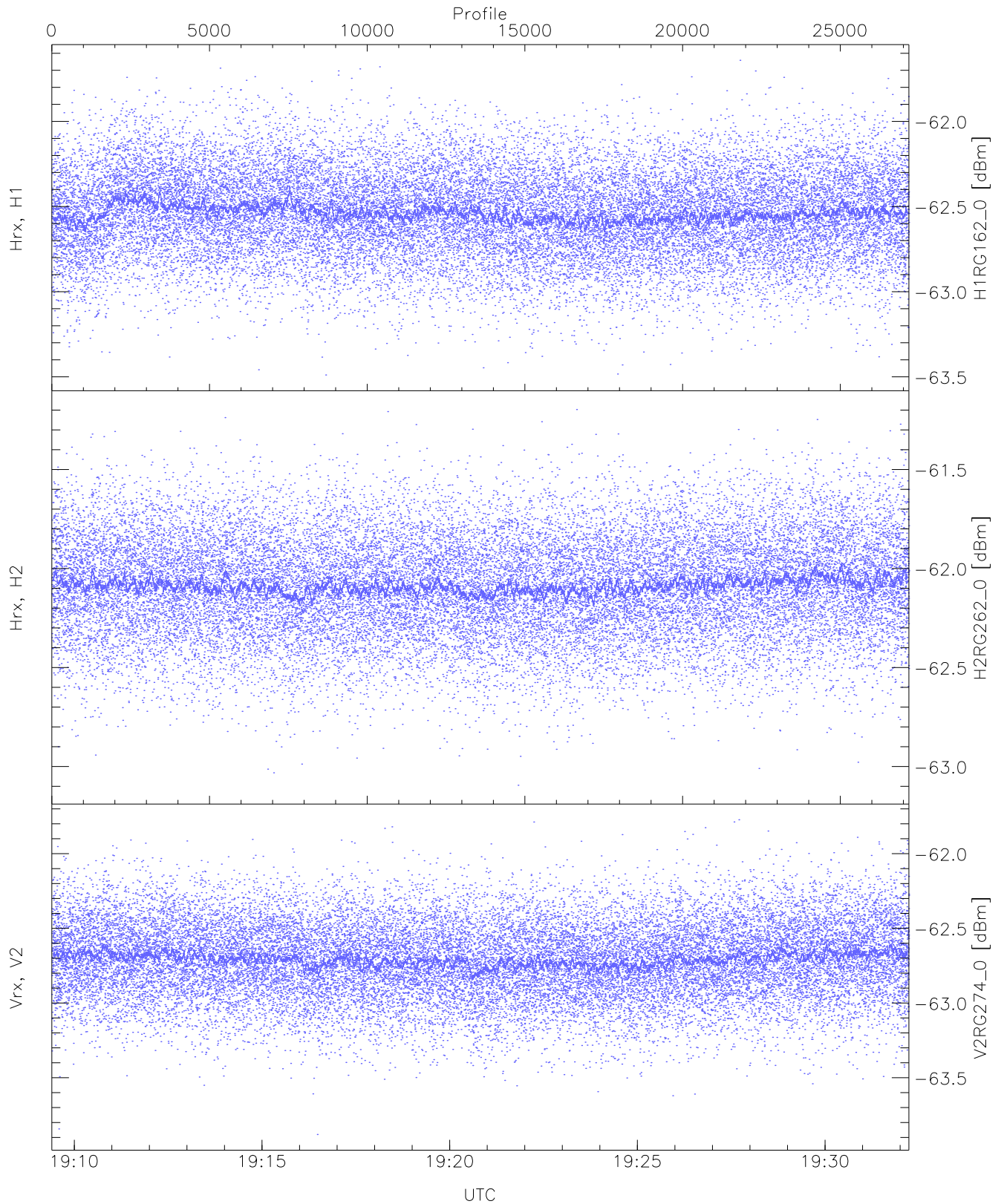
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.78	-60.77	-61.74	-61.75	-74.30
Hrx, H2 (HL [dBm])	-62.74	-60.79	-61.75	-61.75	-74.31
Vrx, V2 (HL [dBm])	-63.46	-61.31	-62.32	-62.33	-74.83



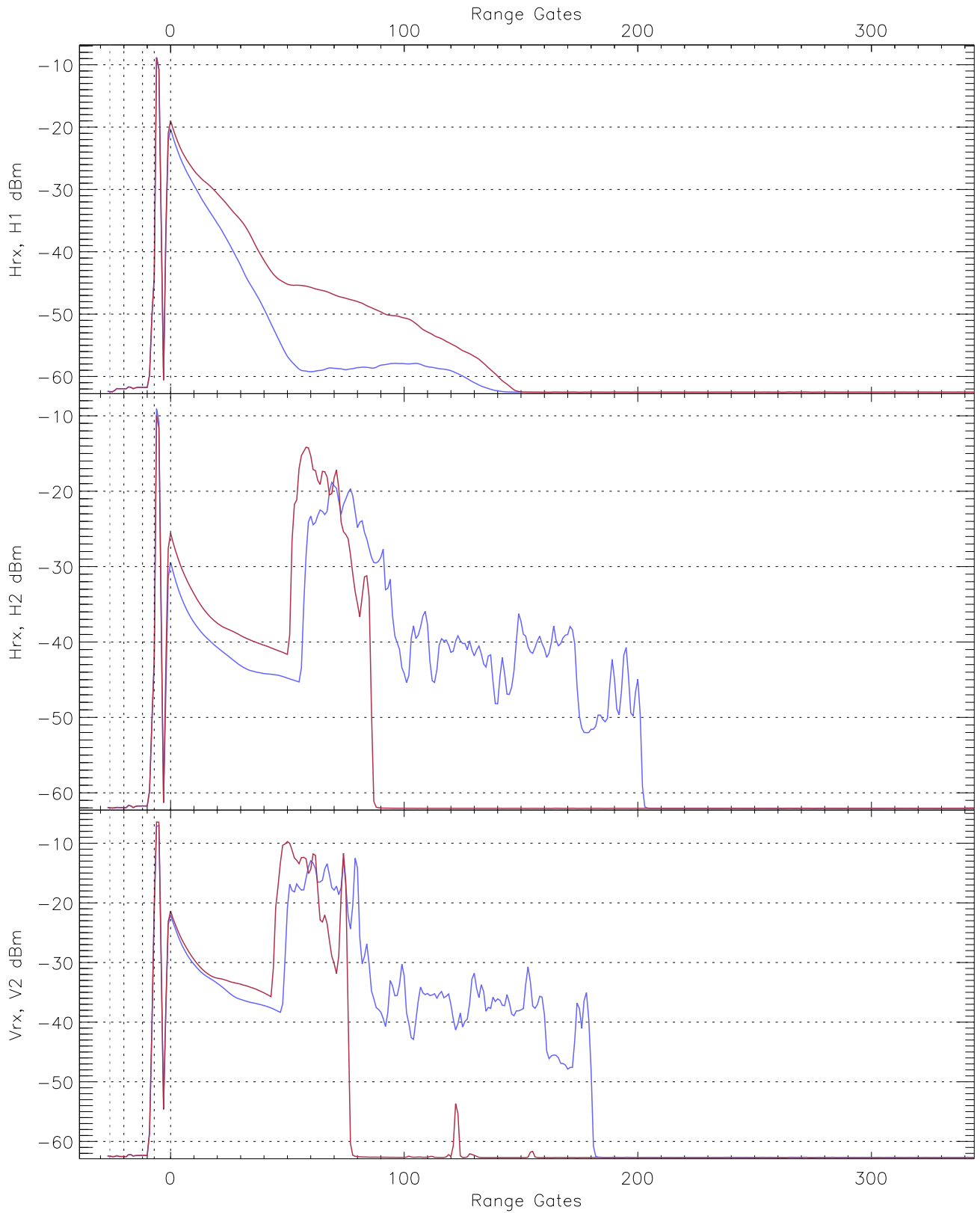
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.42	-61.36	-62.42	-62.43	-74.94
Hrx, H2 (RM [dBm])	-62.92	-61.09	-61.98	-61.98	-74.51
Vrx, V2 (RM [dBm])	-63.52	-61.49	-62.44	-62.44	-74.98

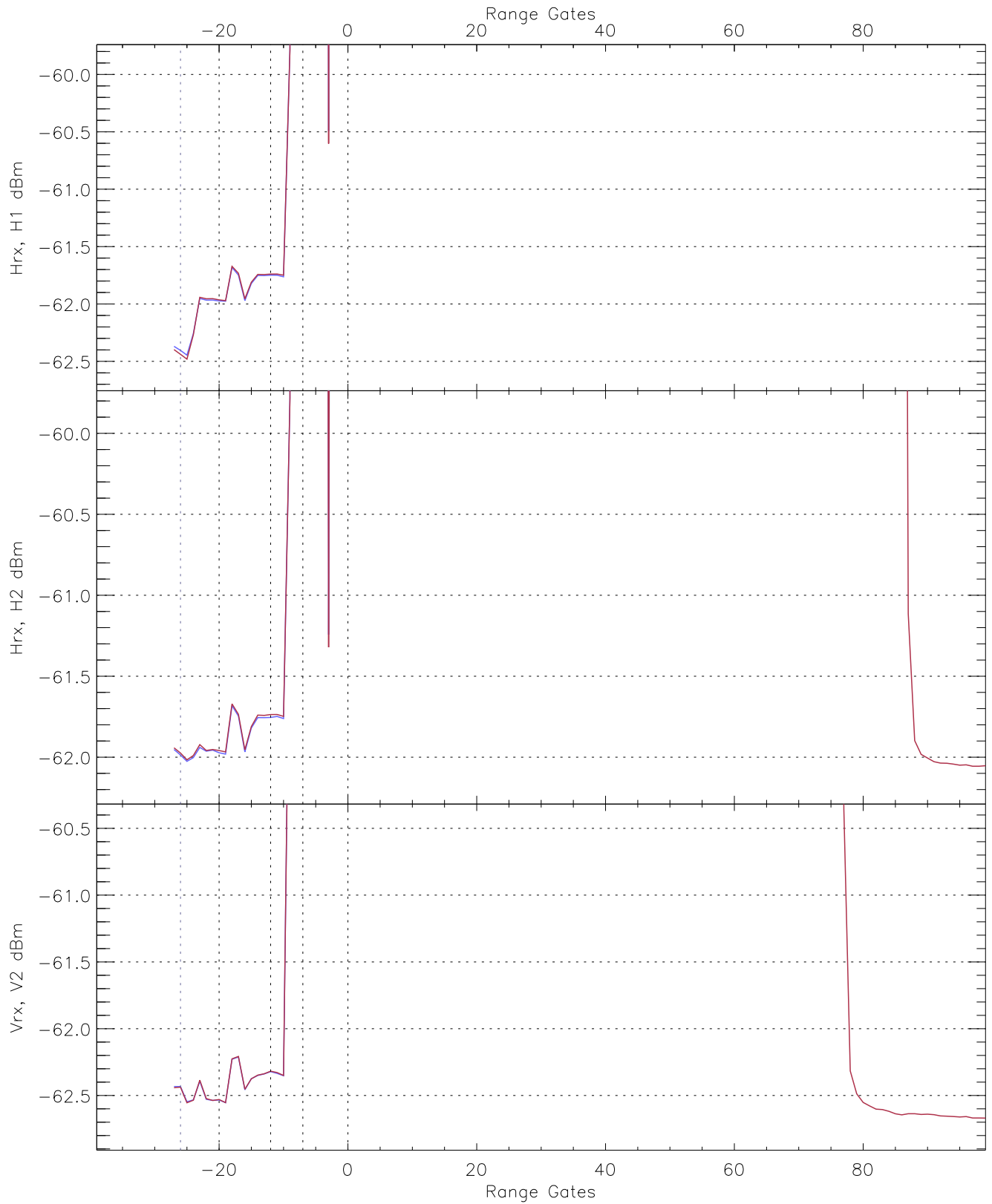


WCR2 CPP "Best" estimate Receivers Noise Power

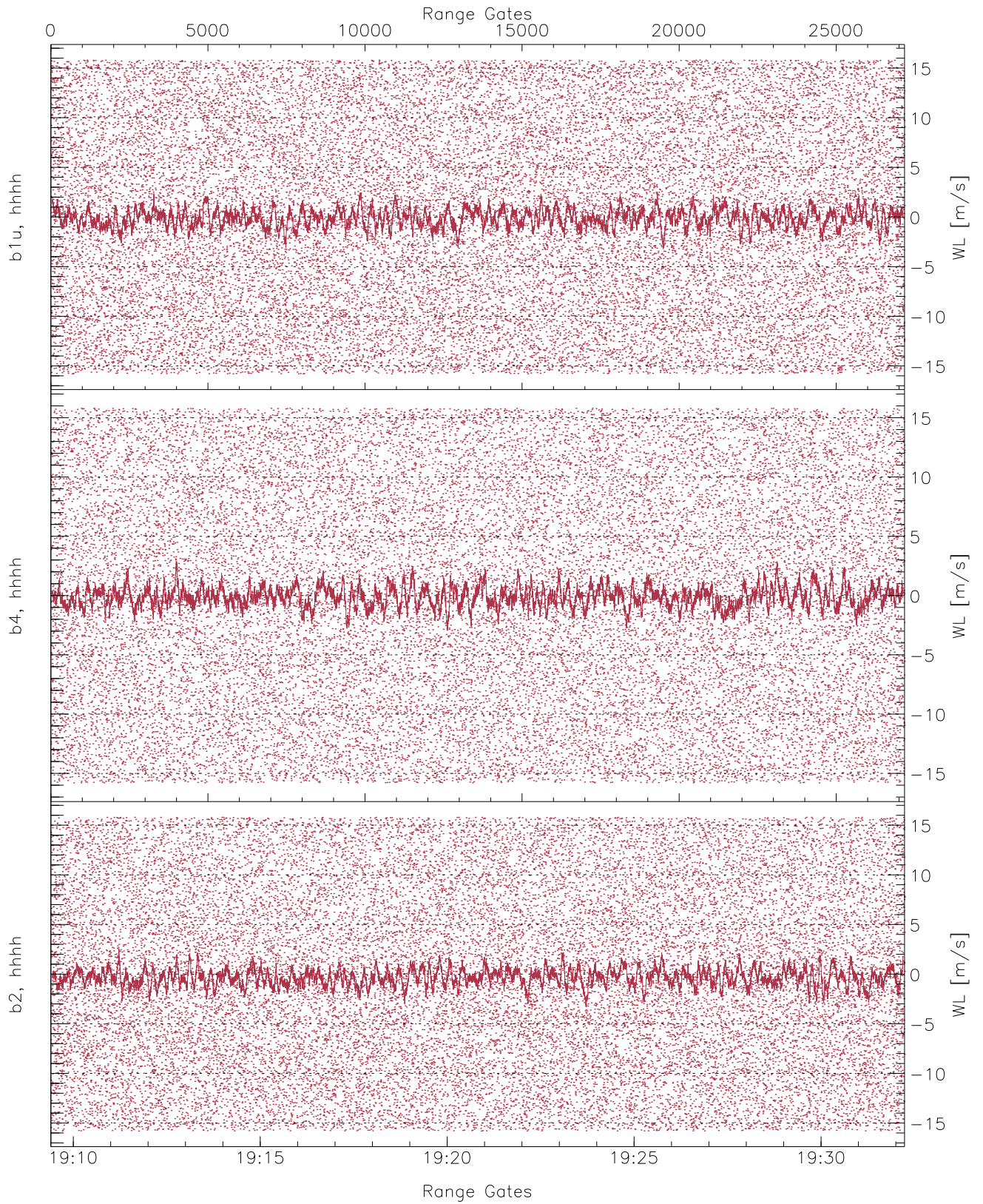
	Min	Max	Mean	Median	StDev
H1RG162_0 [dBm]	-63.49	-61.64	-62.54	-62.54	-75.08
H2RG262_0 [dBm]	-63.09	-61.20	-62.08	-62.09	-74.62
V2RG274_0 [dBm]	-63.88	-61.77	-62.70	-62.71	-75.20



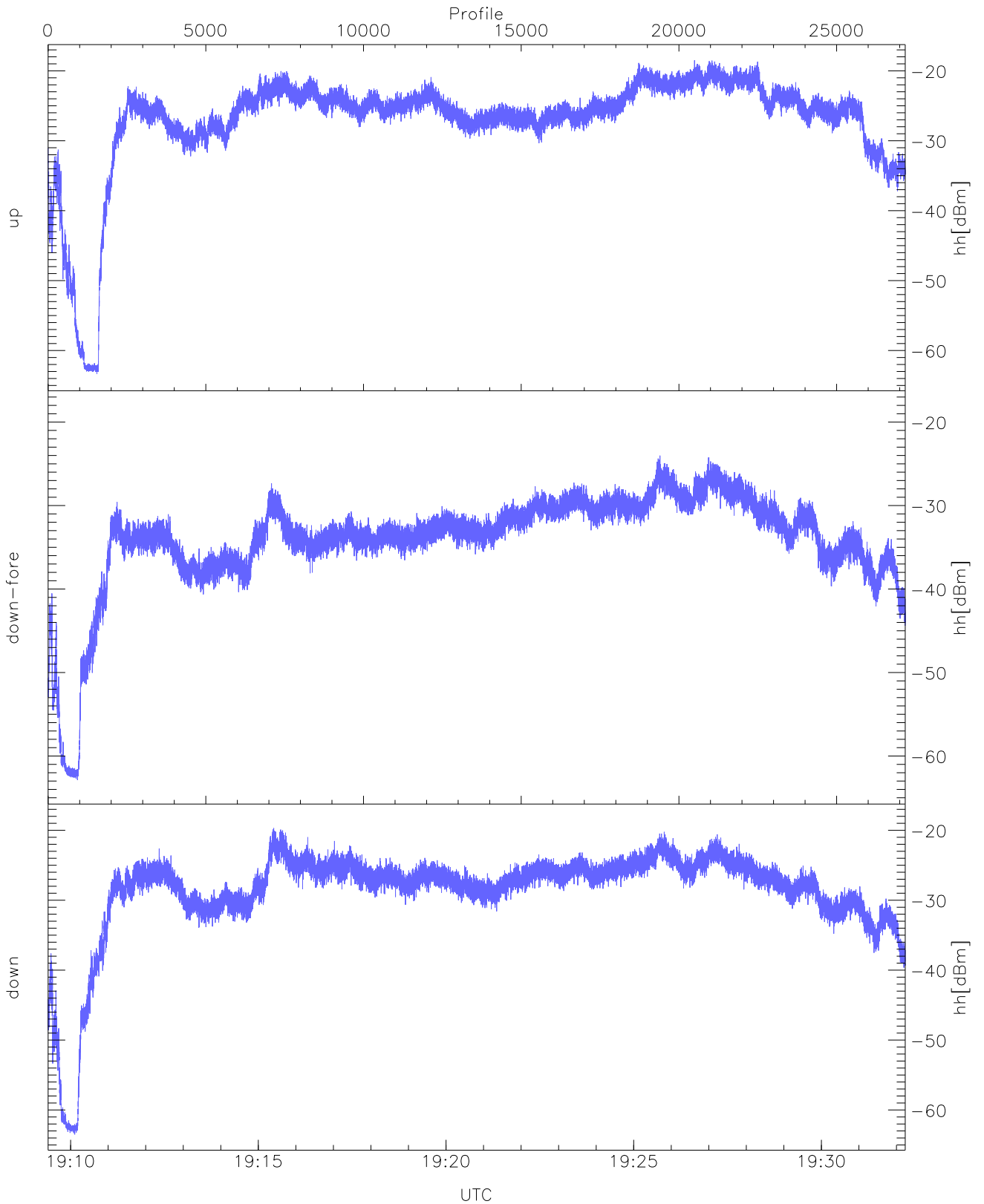
WCR2 CPP Averaged Received power for all recorded gates
blue: 190924-192049, 13589 profiles averaged
red: 192049-193214, 13589 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 190924-192049, 13589 profiles averaged
red: 192049-193214, 13589 profiles averaged

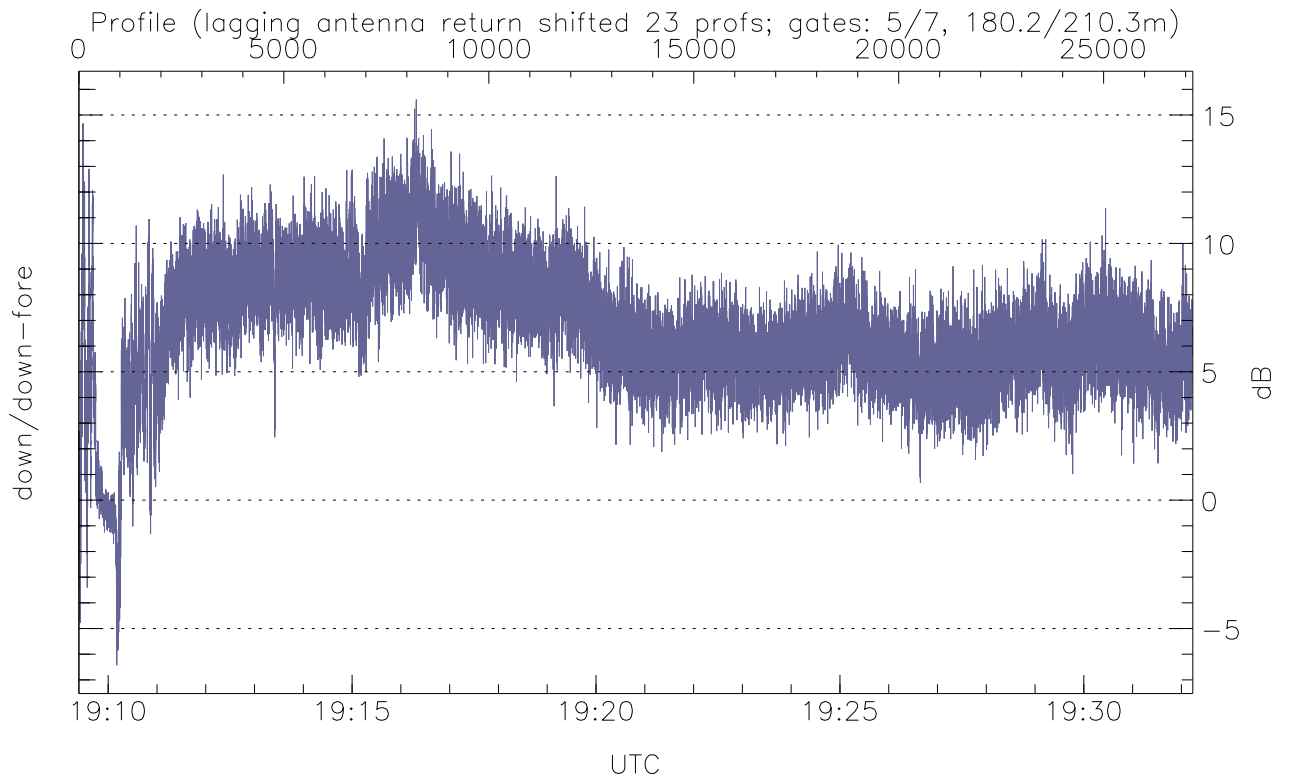
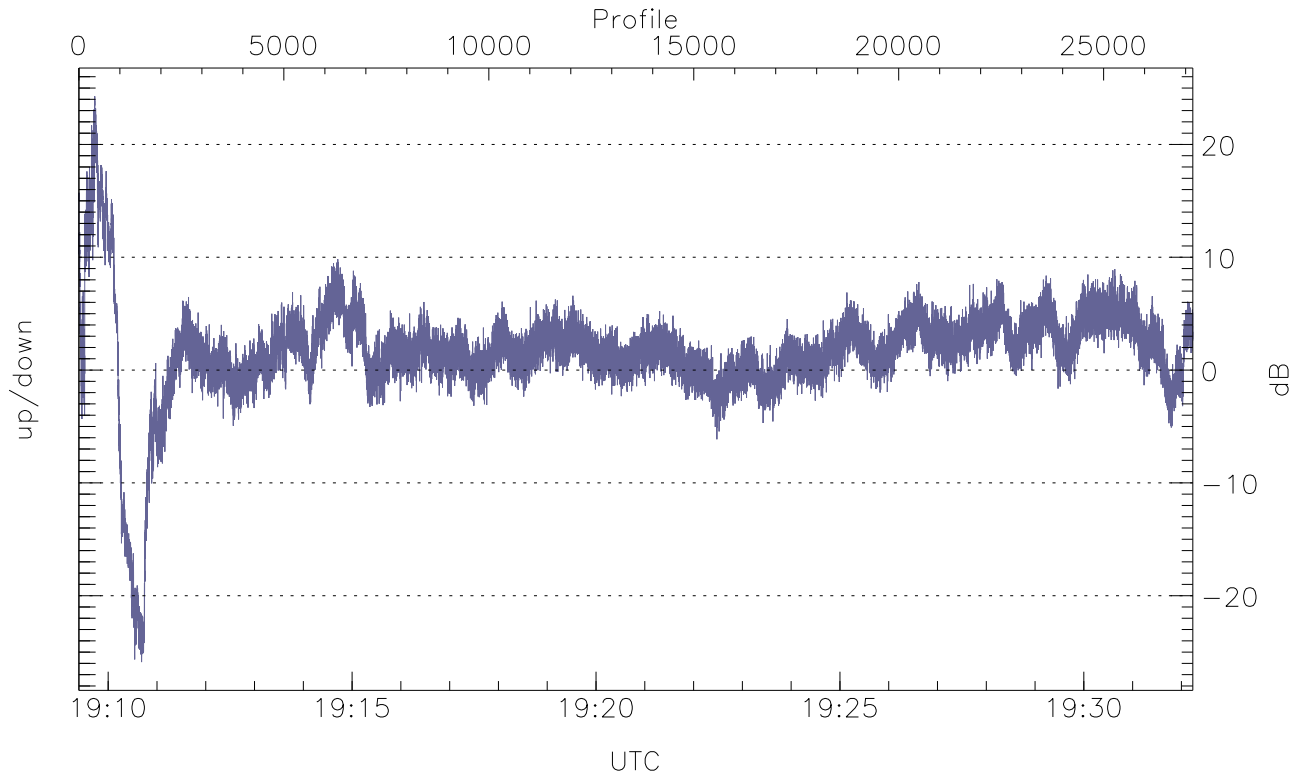


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



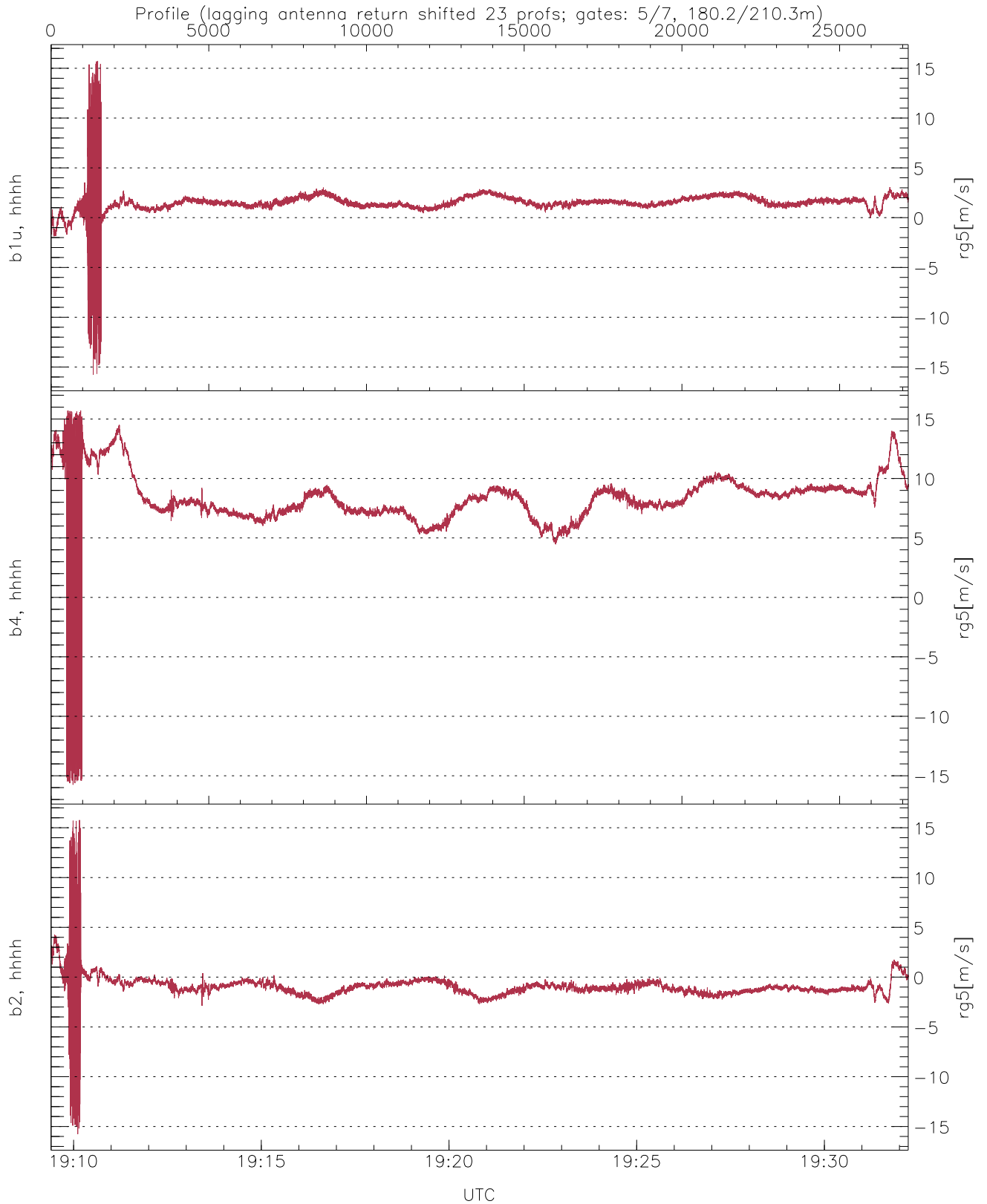
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh [dBm])	-63.35	-18.50	-24.75
down-fore(hh [dBm])	-62.87	-24.01	-31.97
down(hh [dBm])	-63.50	-19.69	-26.71



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

	Min	Max	Mean
up/down (dB)	-25.88	24.27	1.63
down/down-fore (dB)	-6.43	15.60	6.69



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.75	15.72	1.49	1.11
b4, hhhh(rg5[m/s])	-15.76	15.72	8.28	2.44
b2, hhhh(rg5[m/s])	-15.76	15.78	-0.96	1.20