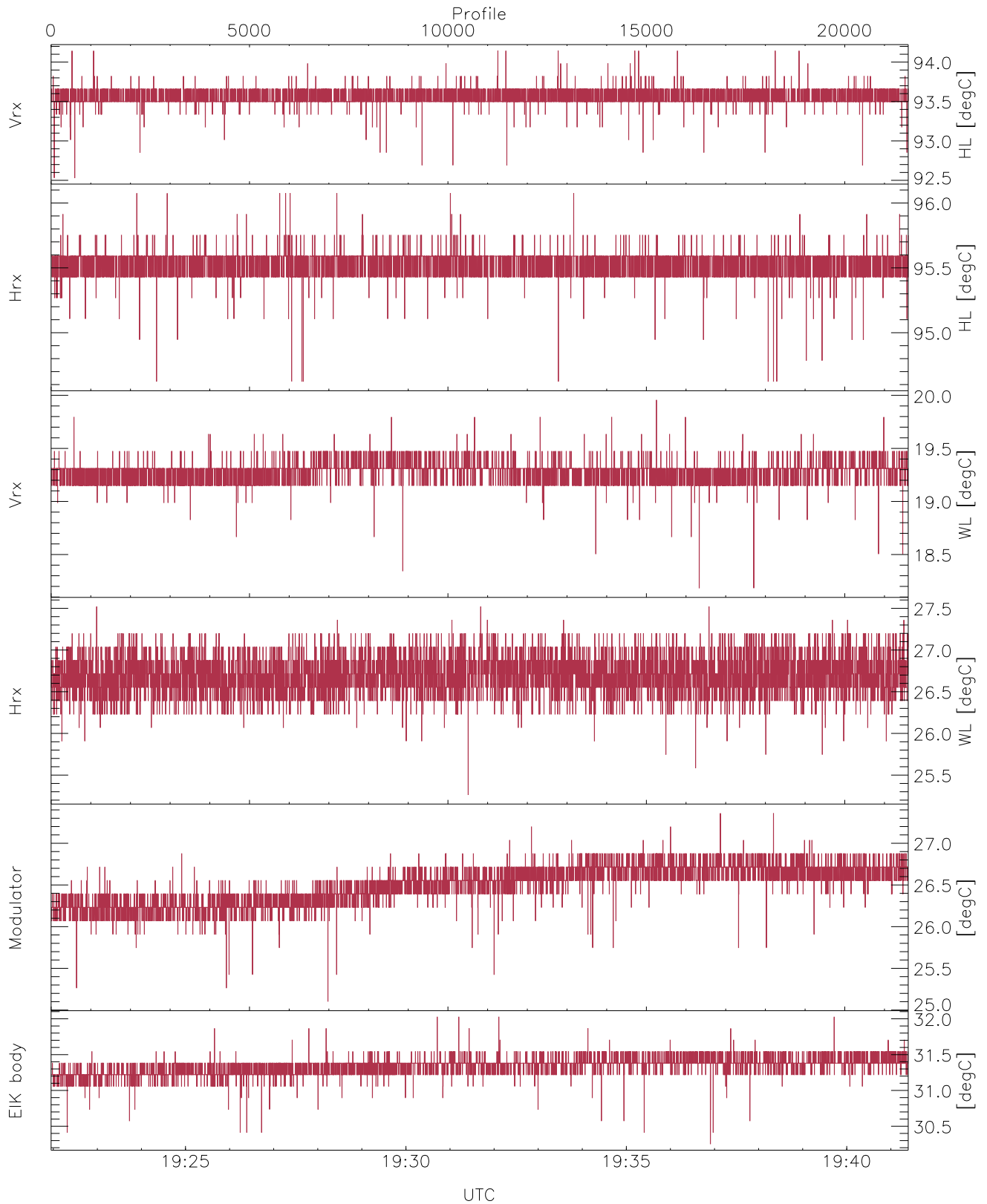


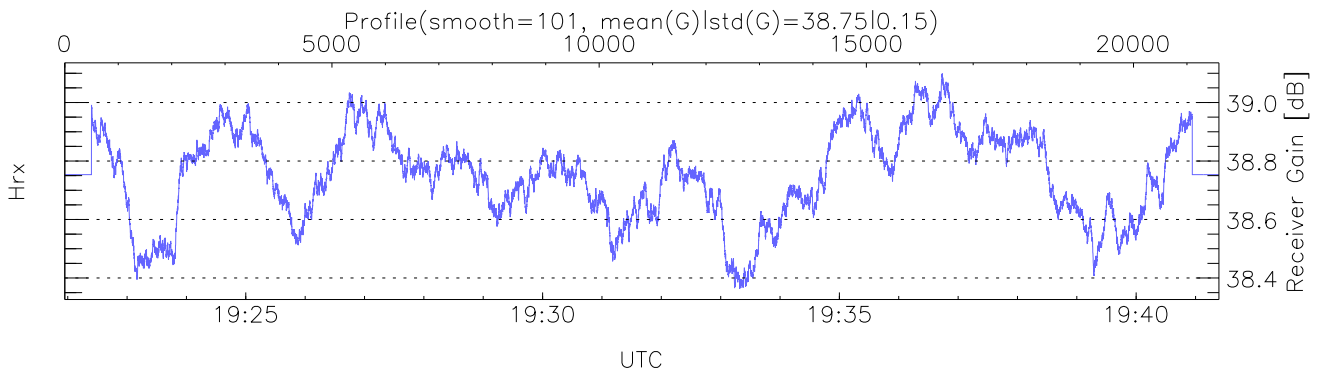
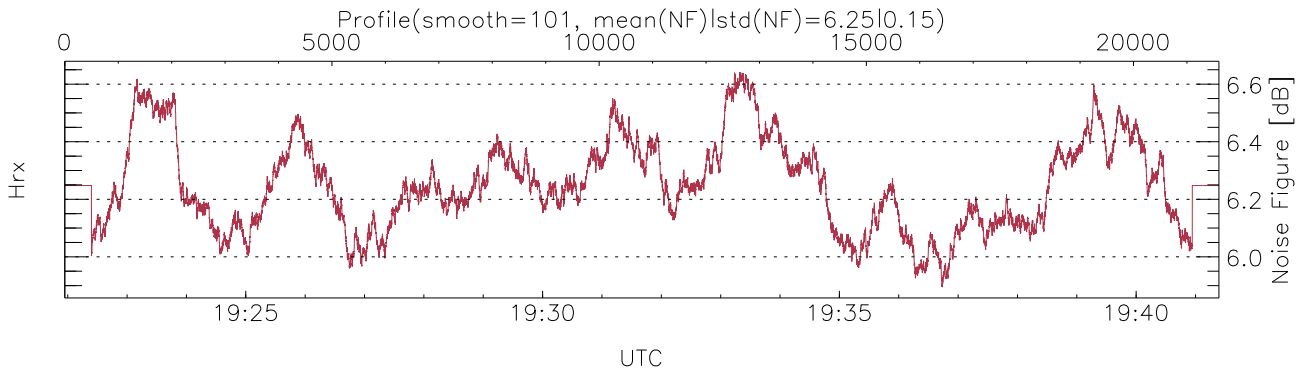
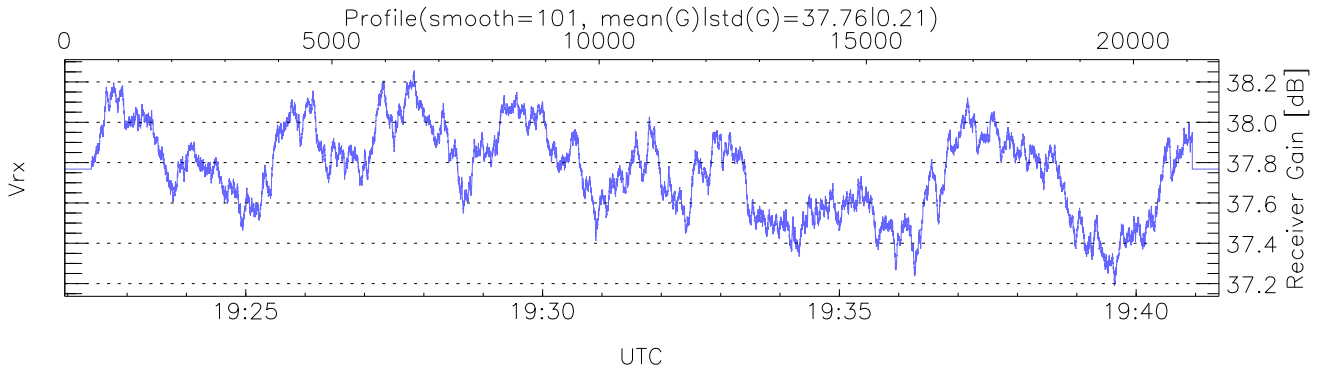
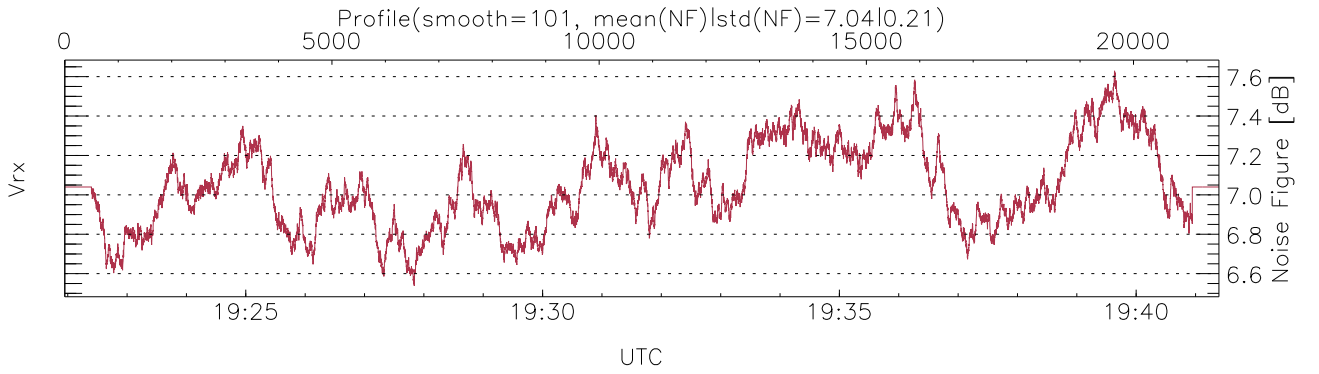
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 19:21:57-20:00:26, Dur: 2309.08s
 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): 21600/42751, 0-21599/19:21:57-19:41:24
 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



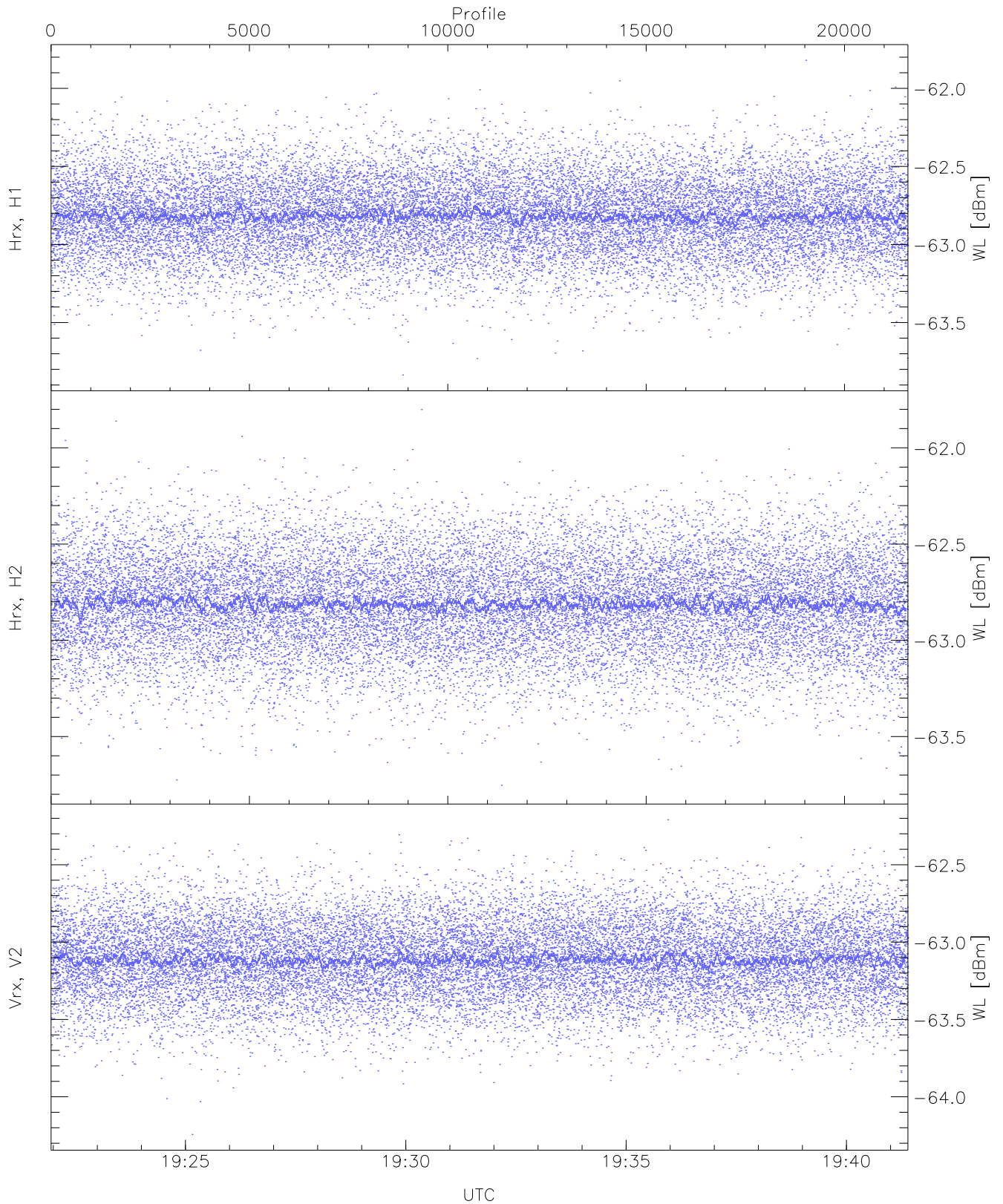
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,18,25,25,30
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,19,27,27,32
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (5,5,5,5,5,10)



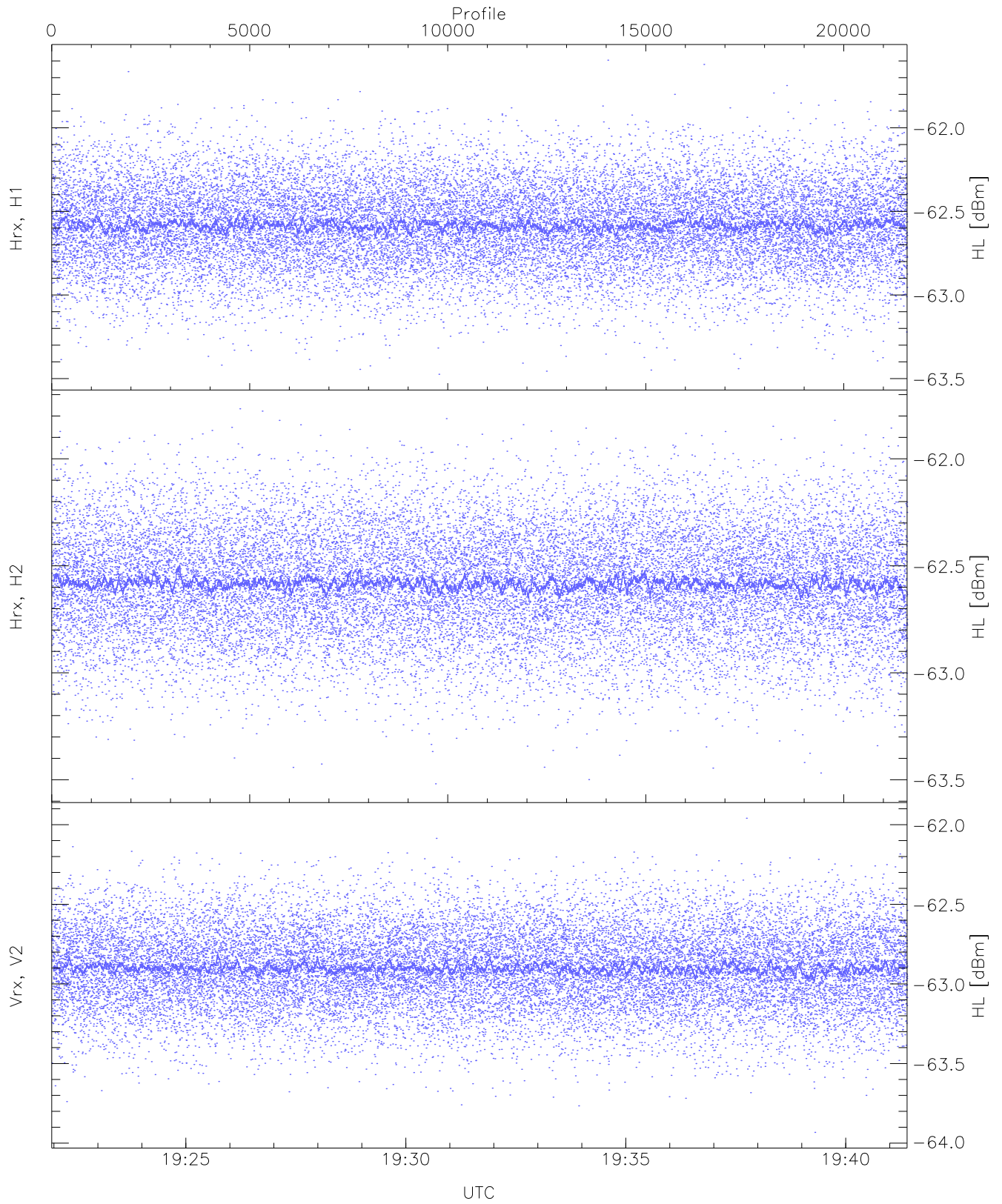
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 6802 pixs, 61 gates, 6411 profs, 2 prods



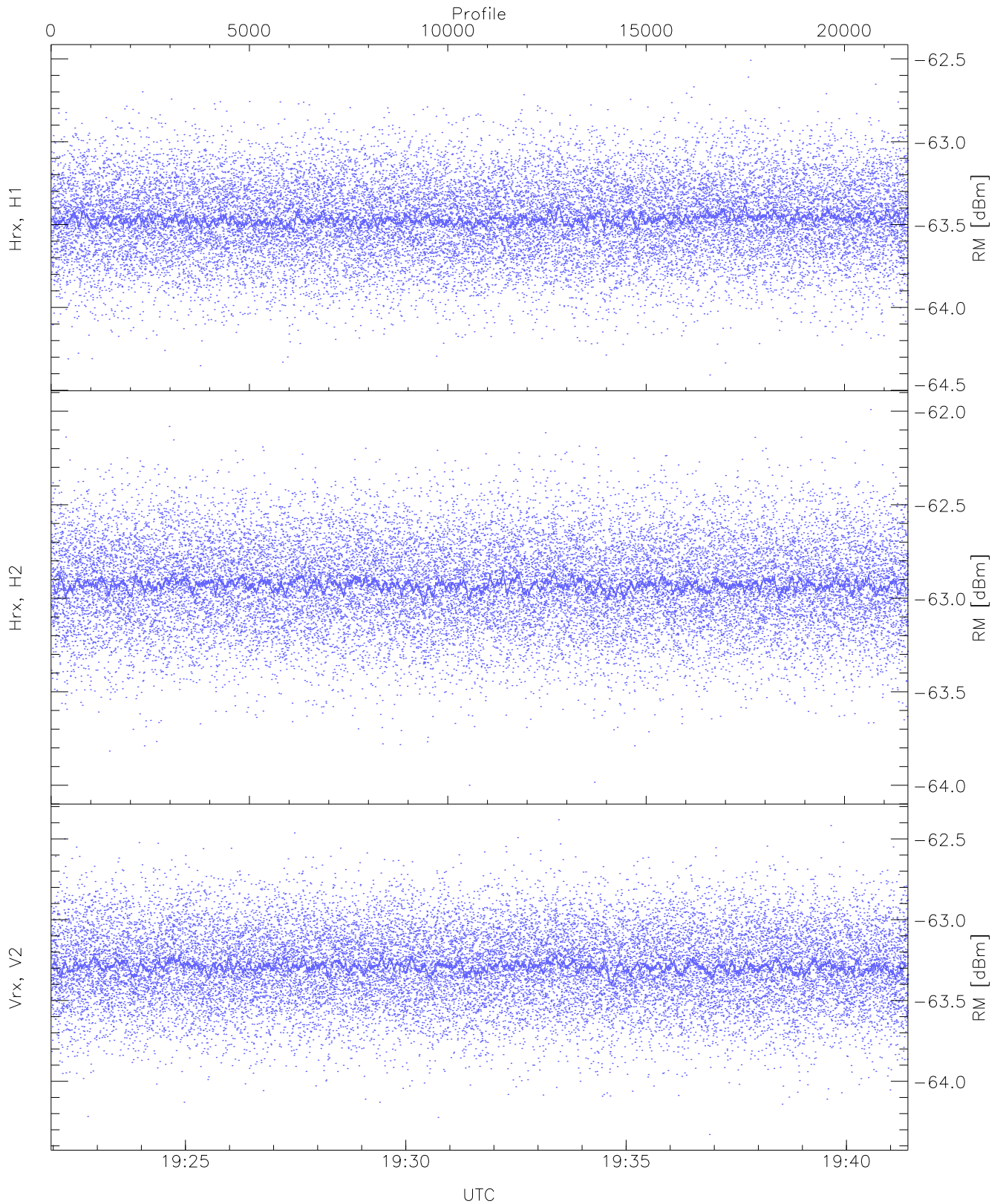
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.84	-61.82	-62.81	-62.82	-75.54
Hrx, H2(WL [dBm])	-63.75	-61.80	-62.81	-62.81	-75.53
Vrx, V2(WL [dBm])	-64.24	-62.21	-63.11	-63.11	-75.84



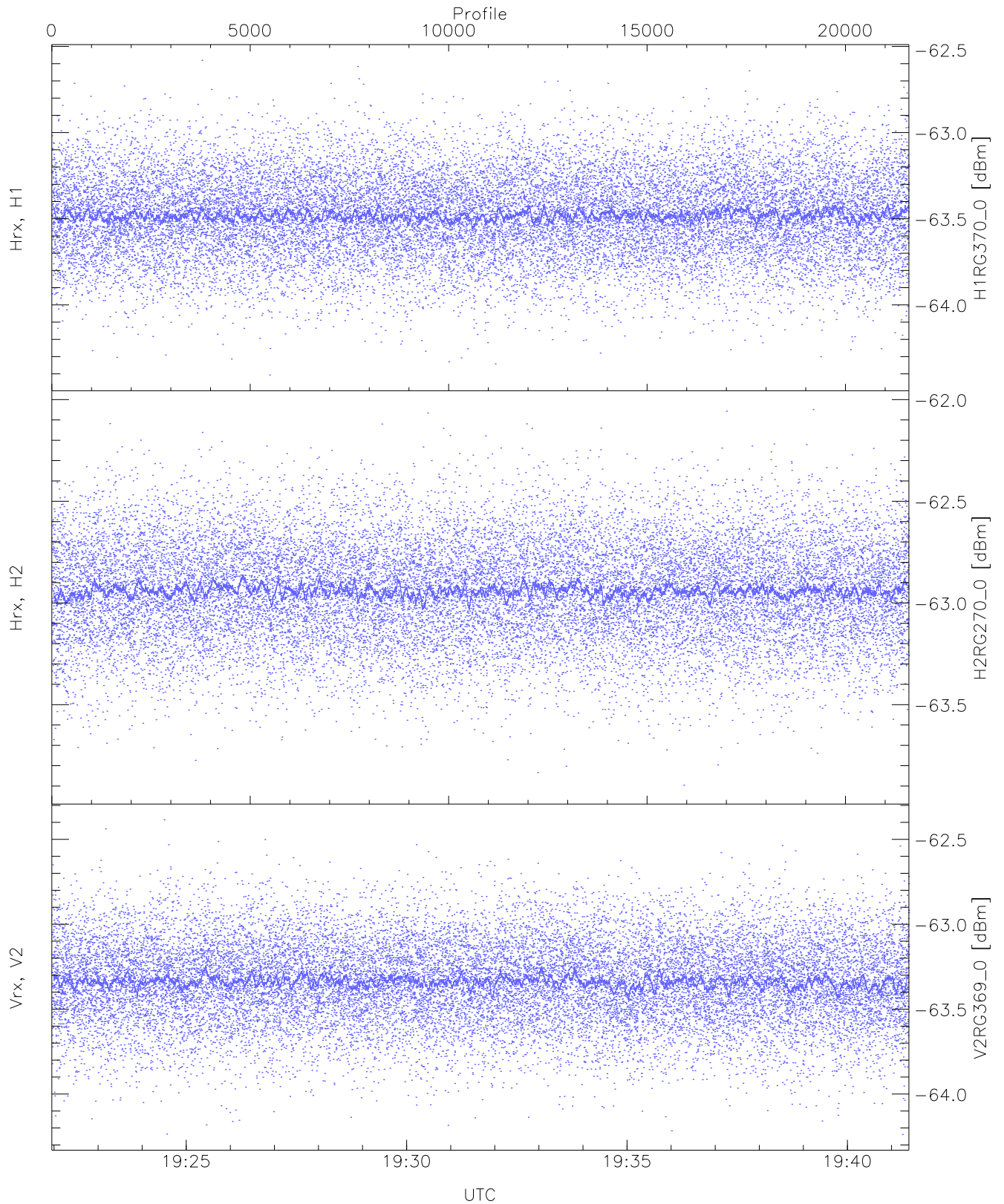
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.47	-61.60	-62.58	-62.58	-75.30
Hrx, H2 (HL [dBm])	-63.52	-61.77	-62.58	-62.58	-75.29
Vrx, V2 (HL [dBm])	-63.93	-61.96	-62.90	-62.90	-75.58



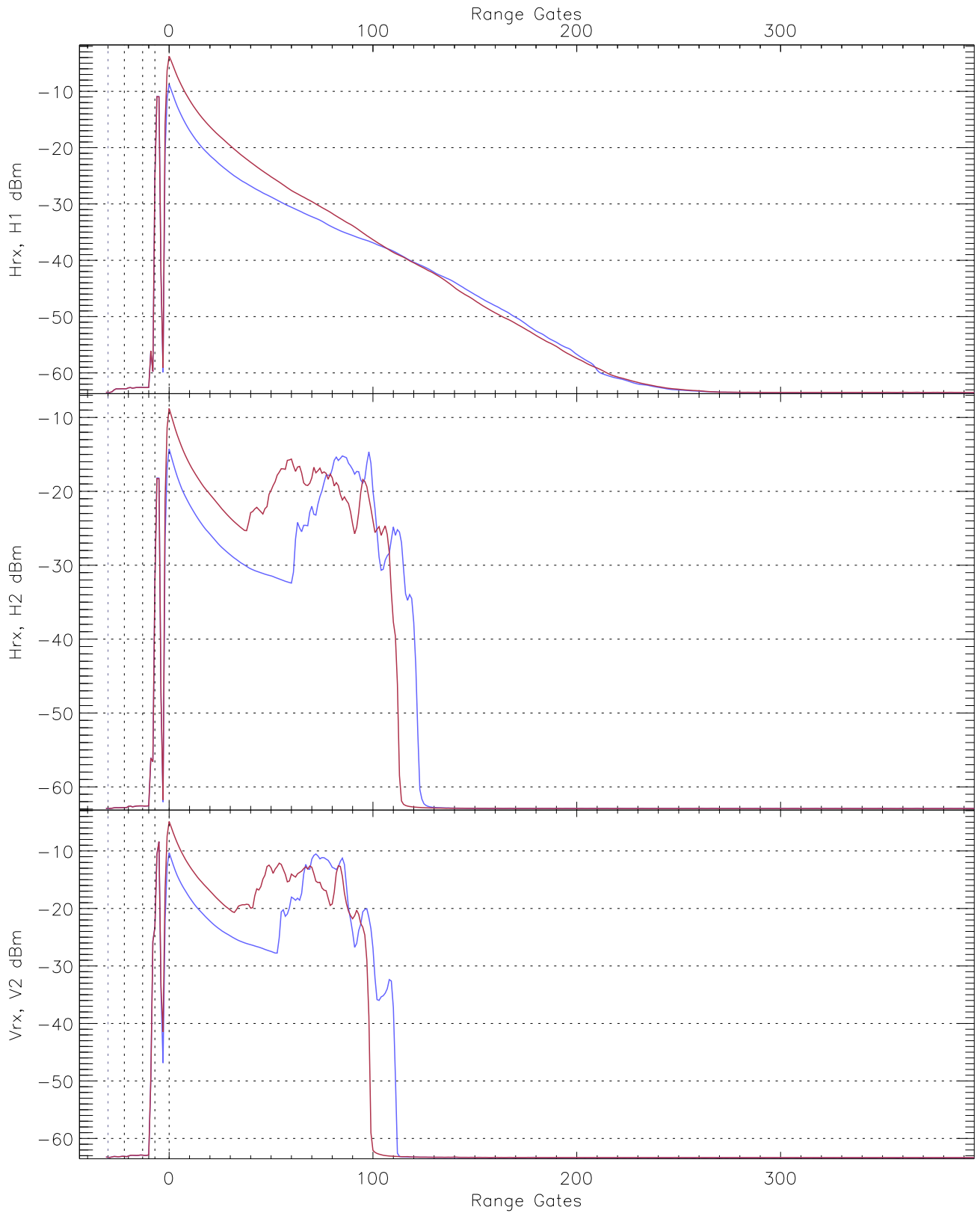
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.41	-62.51	-63.46	-63.47	-76.17
Hrx, H2 (RM [dBm])	-64.00	-61.99	-62.93	-62.93	-75.64
Vrx, V2 (RM [dBm])	-64.33	-62.38	-63.29	-63.29	-75.96

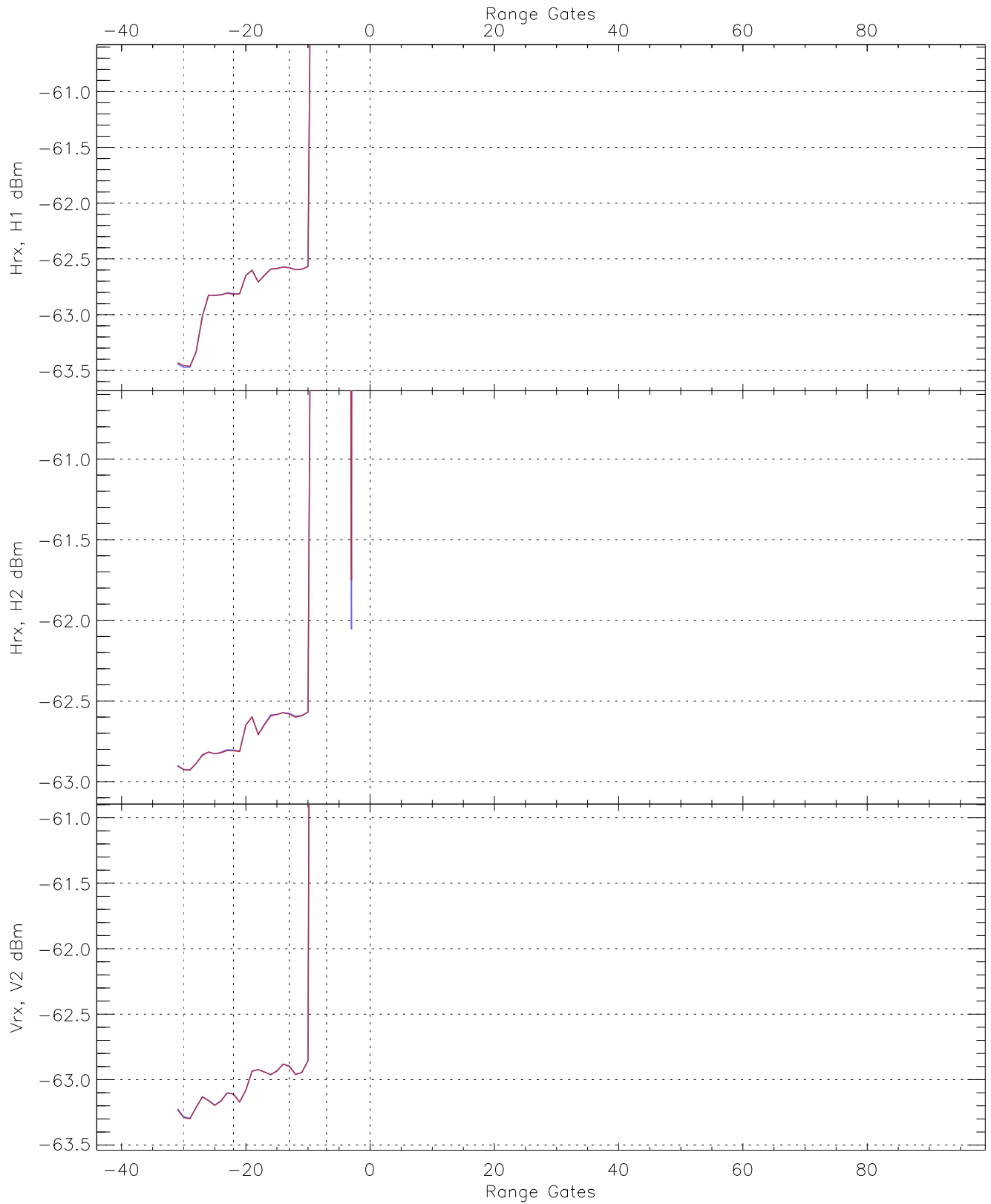


WCR2 CPP "Best" estimate Receivers Noise Power

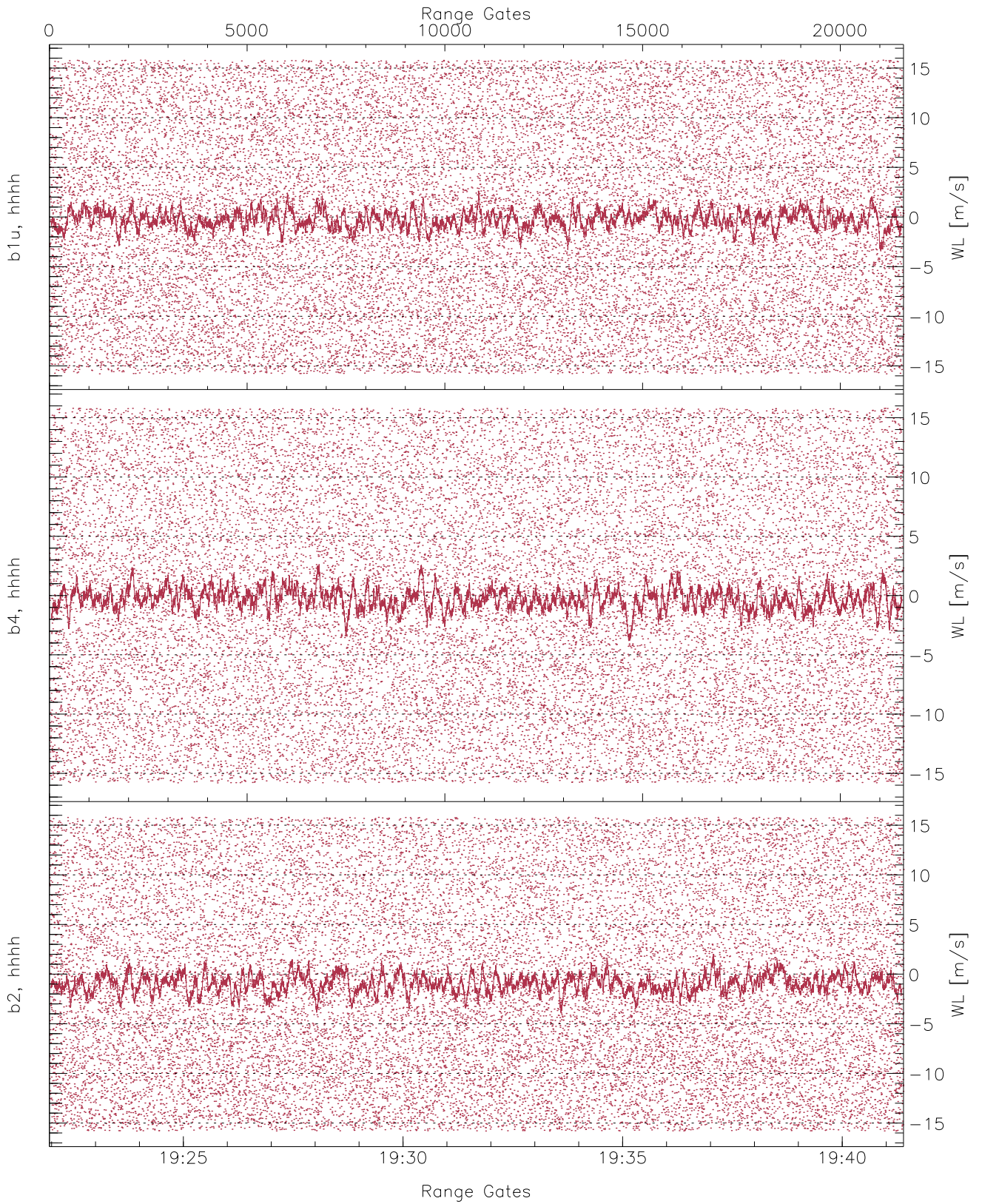
	Min	Max	Mean	Median	StDev
H1RG370_0 [dBm]	-64.41	-62.58	-63.48	-63.48	-76.18
H2RG270_0 [dBm]	-63.90	-62.05	-62.94	-62.94	-75.61
V2RG369_0 [dBm]	-64.24	-62.38	-63.33	-63.34	-76.02



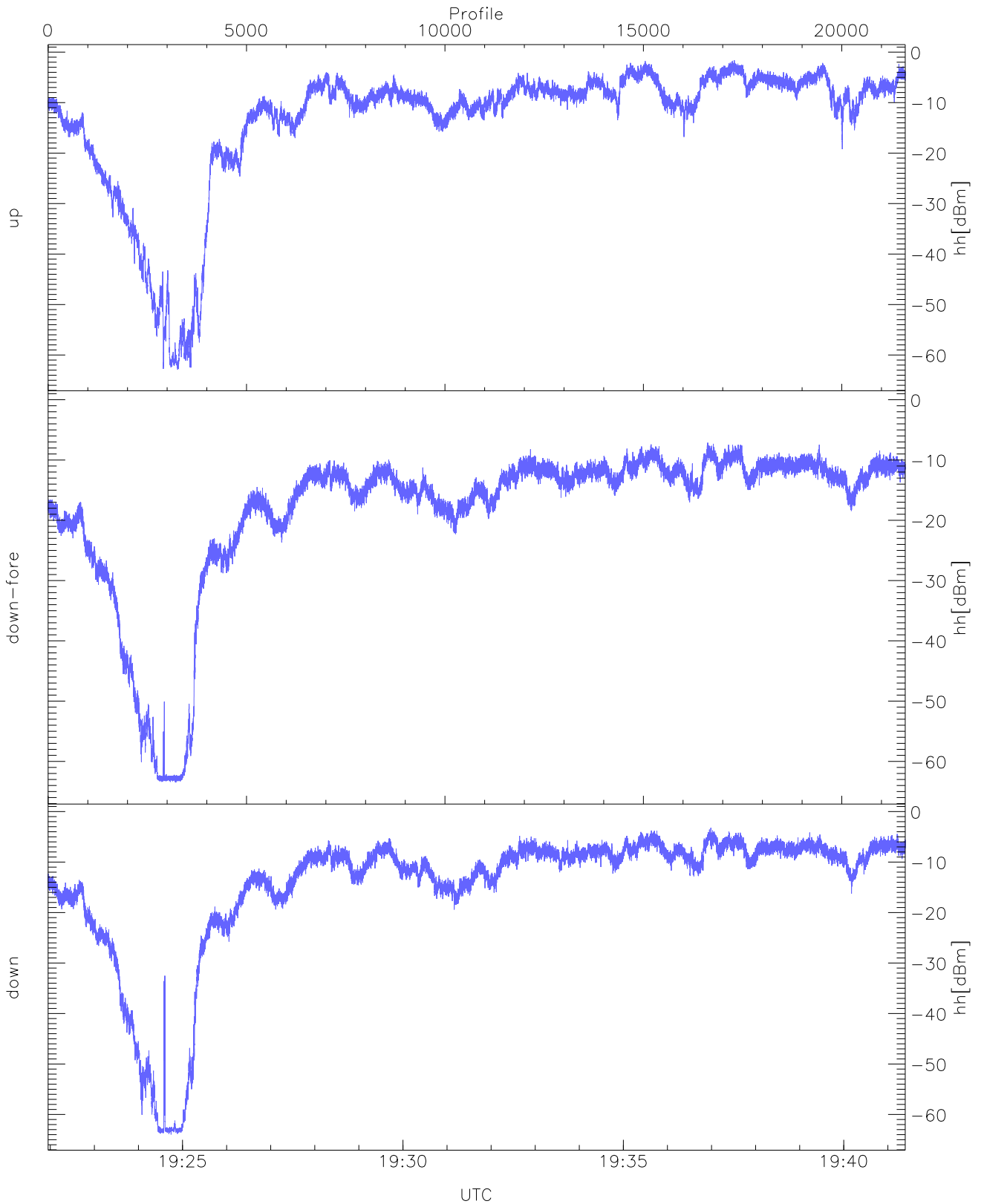
WCR2 CPP Averaged Received power for all recorded gates
blue: 192157-193140, 10801 profiles averaged
red: 193140-194124, 10800 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 192157-193140, 10801 profiles averaged
red: 193140-194124, 10800 profiles averaged

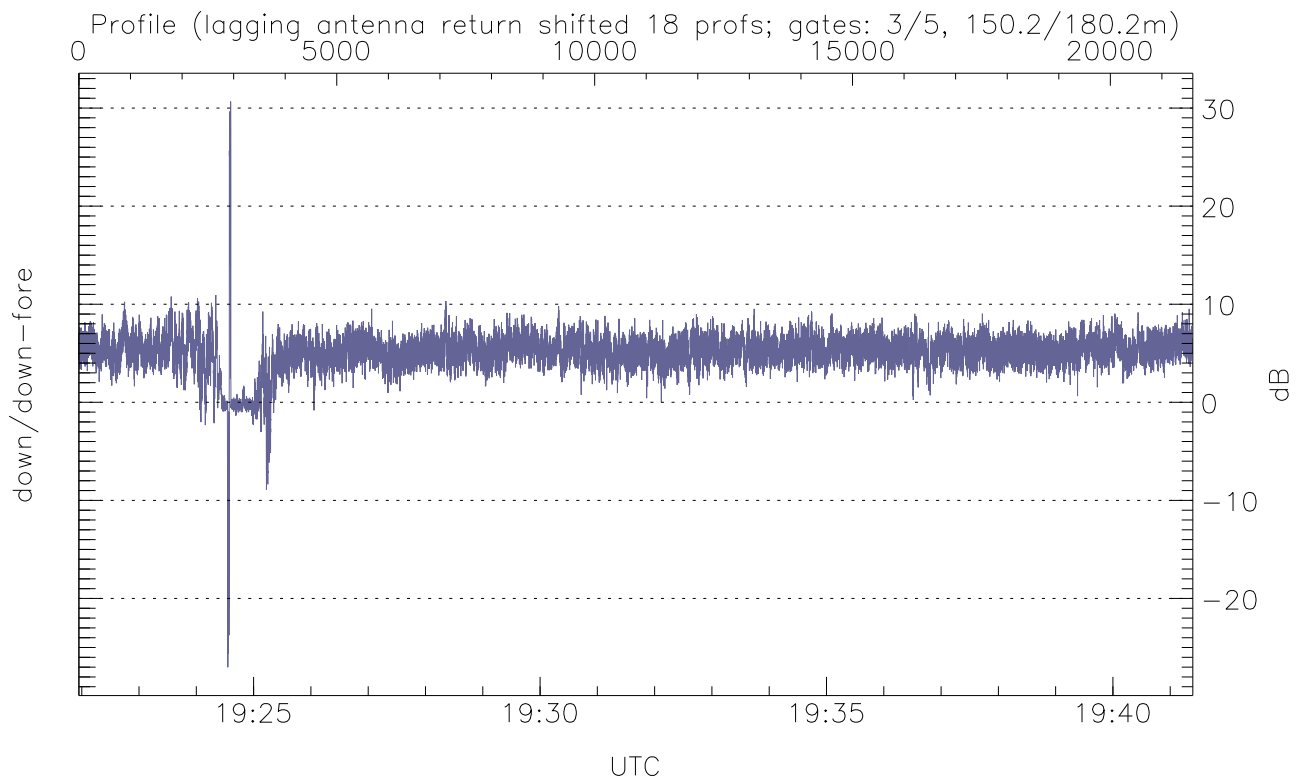
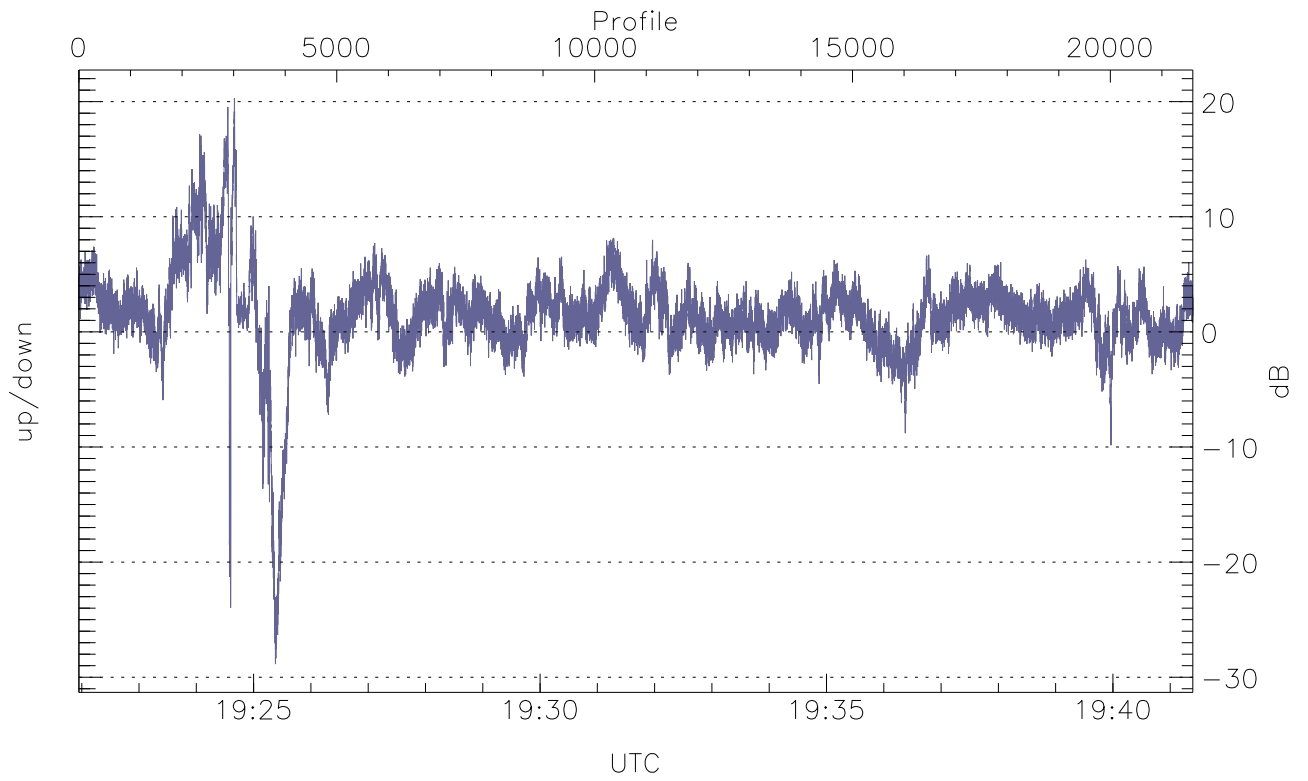


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



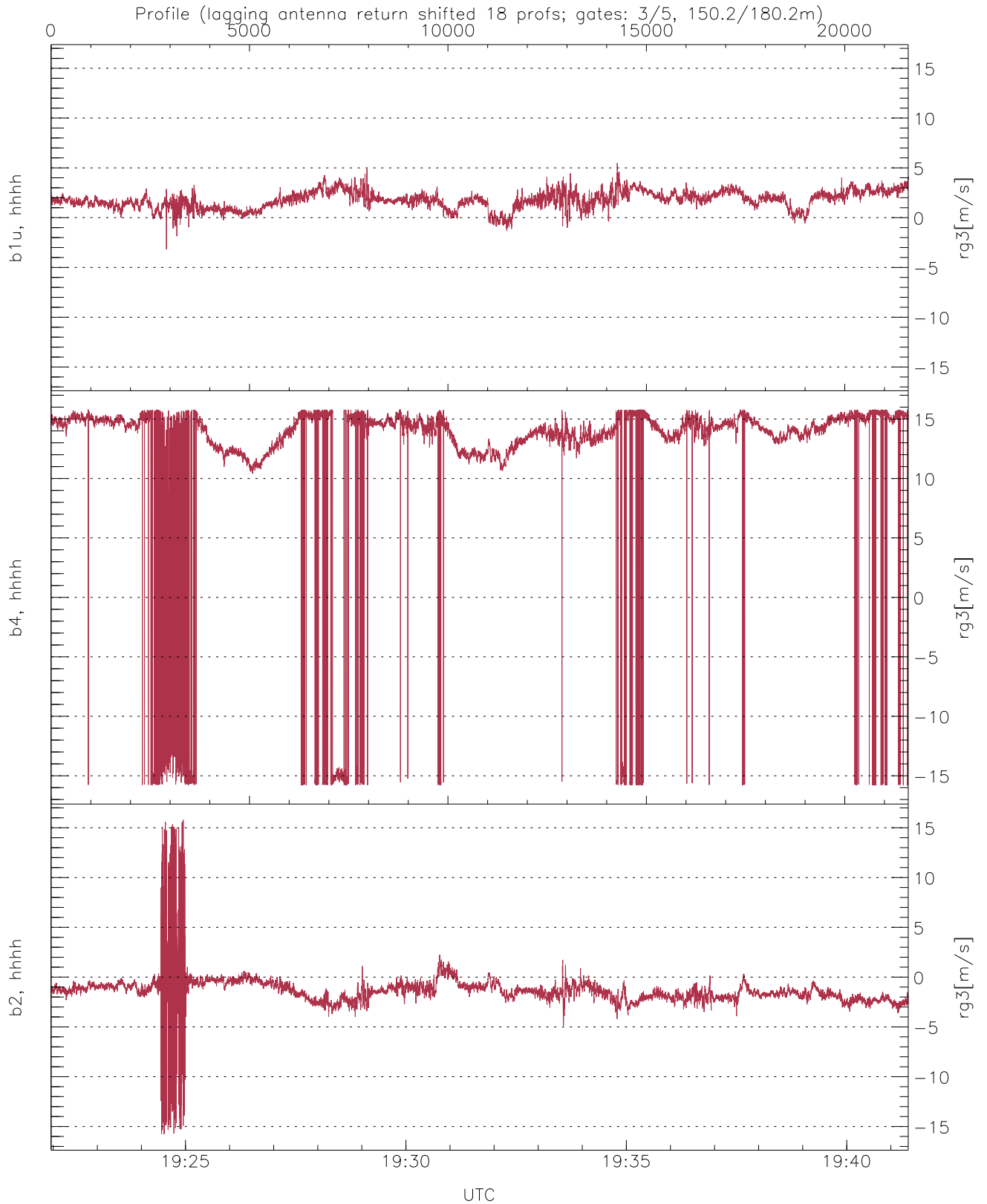
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-62.88	-1.62	-8.35
down-fore(hh[dBm])	-63.50	-7.11	-13.50
down(hh[dBm])	-63.96	-3.22	-9.72



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

	Min	Max	Mean
up/down (dB)	-28.86	20.29	1.43
down/down-fore (dB)	-27.01	30.67	5.05



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-3.18	5.48	1.77	0.87
b4, hhhh(rg3[m/s])	-15.80	15.80	11.93	7.54
b2, hhhh(rg3[m/s])	-15.77	15.79	-1.41	1.48