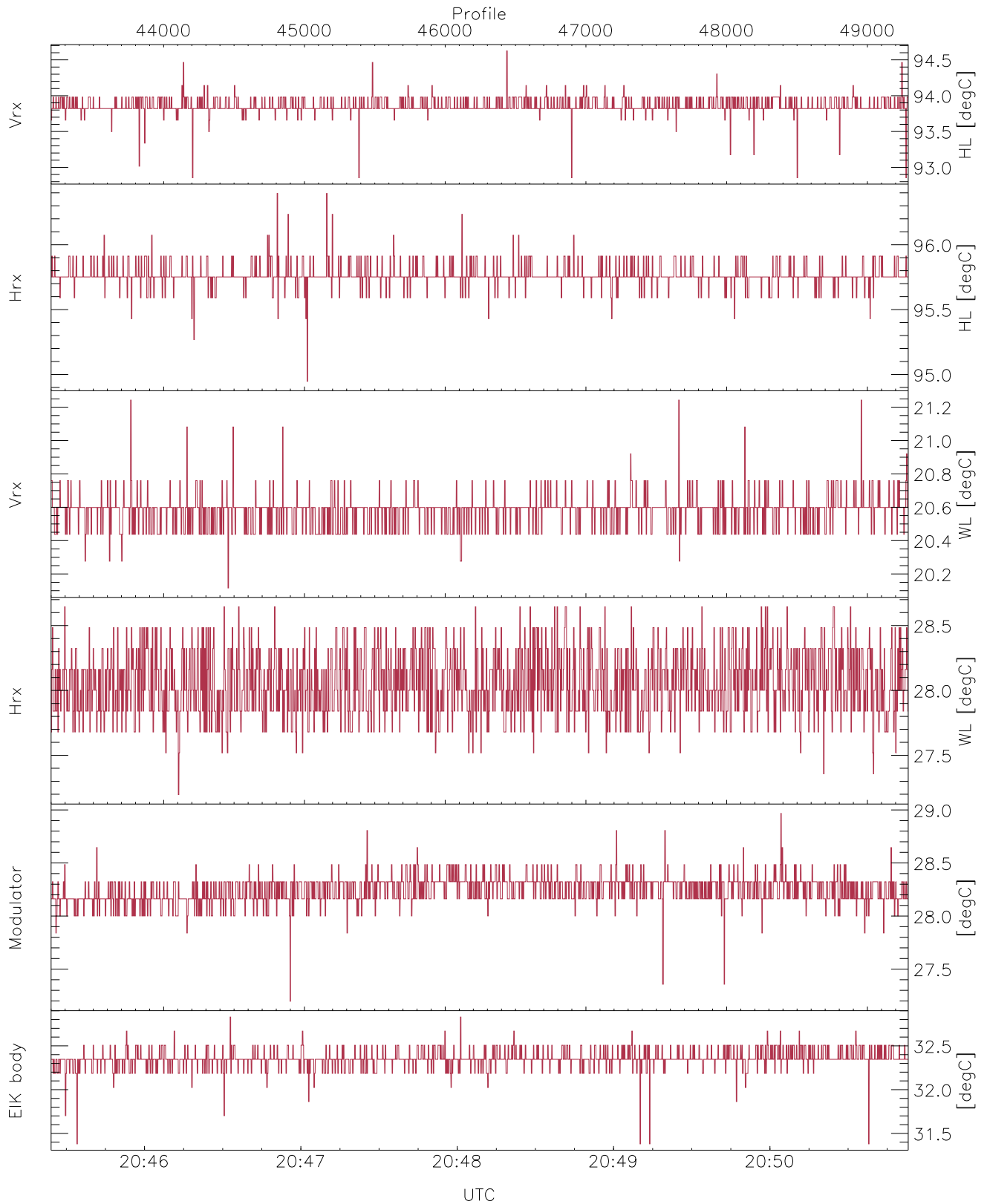


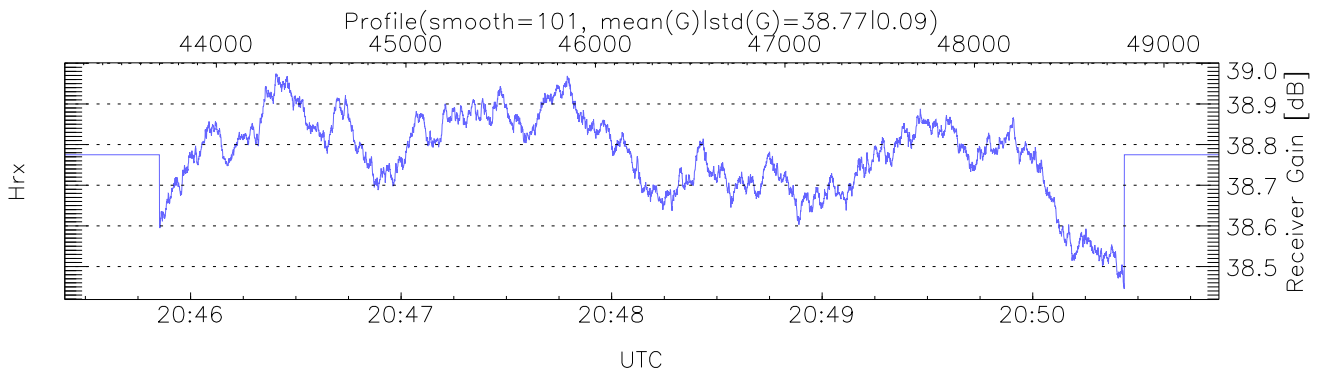
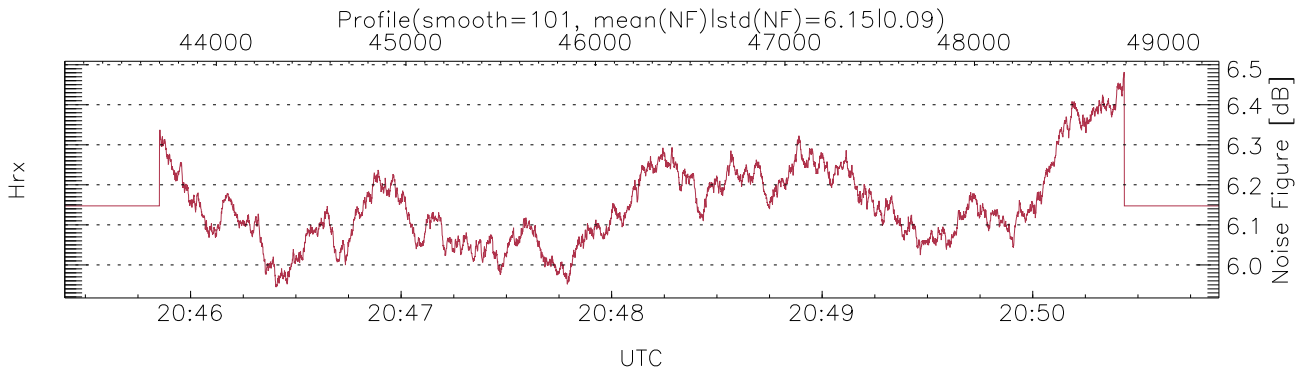
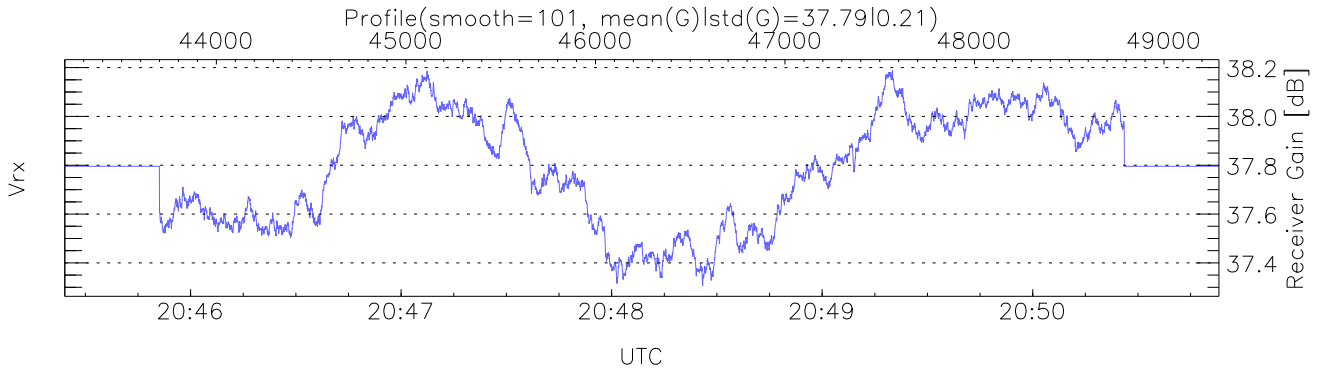
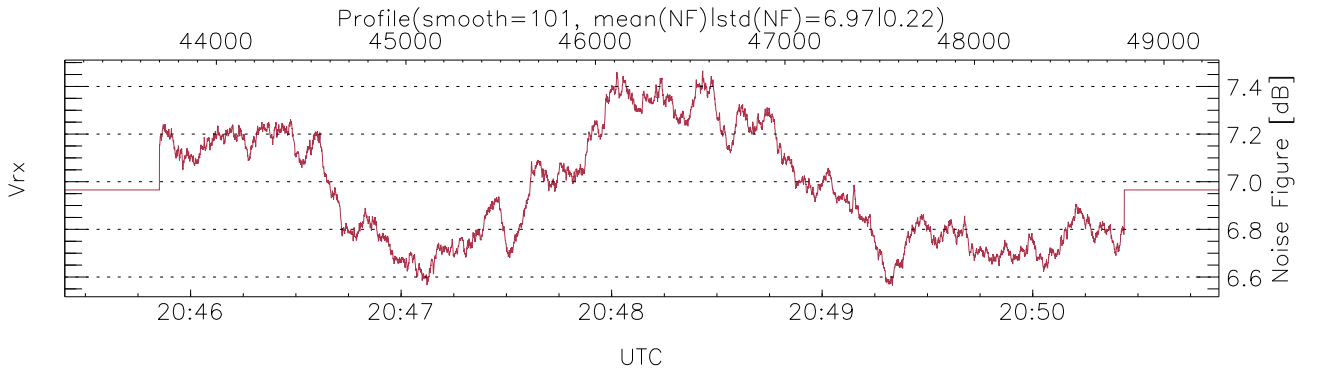
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 20:06:31-20:50:53, Dur: 2662.33s
 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): 6091/49291, 43200-49290/20:45:24-20:50:53
 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



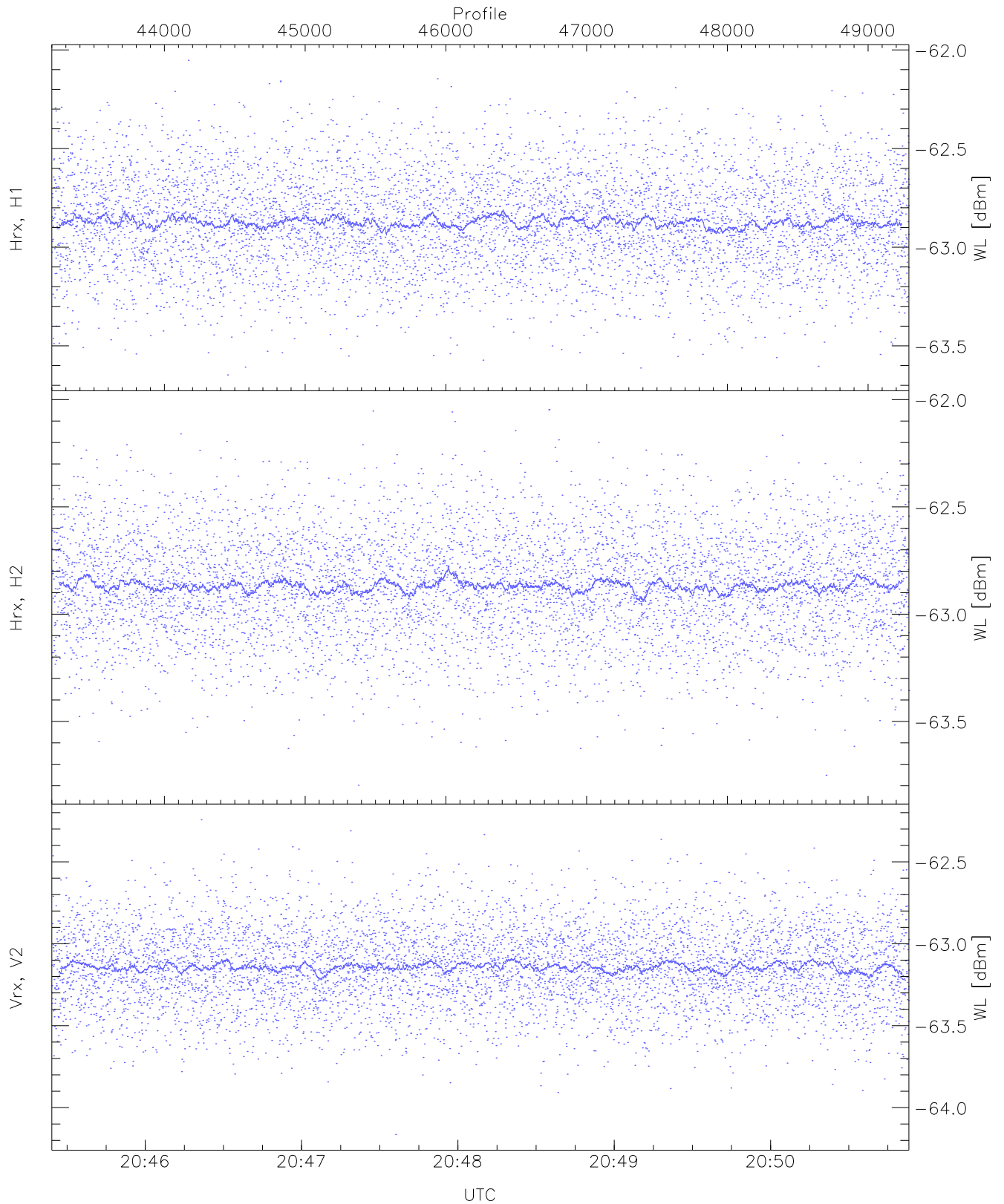
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,20,27,27,31
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,21,28,28,32
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK/Modulator Faults: None



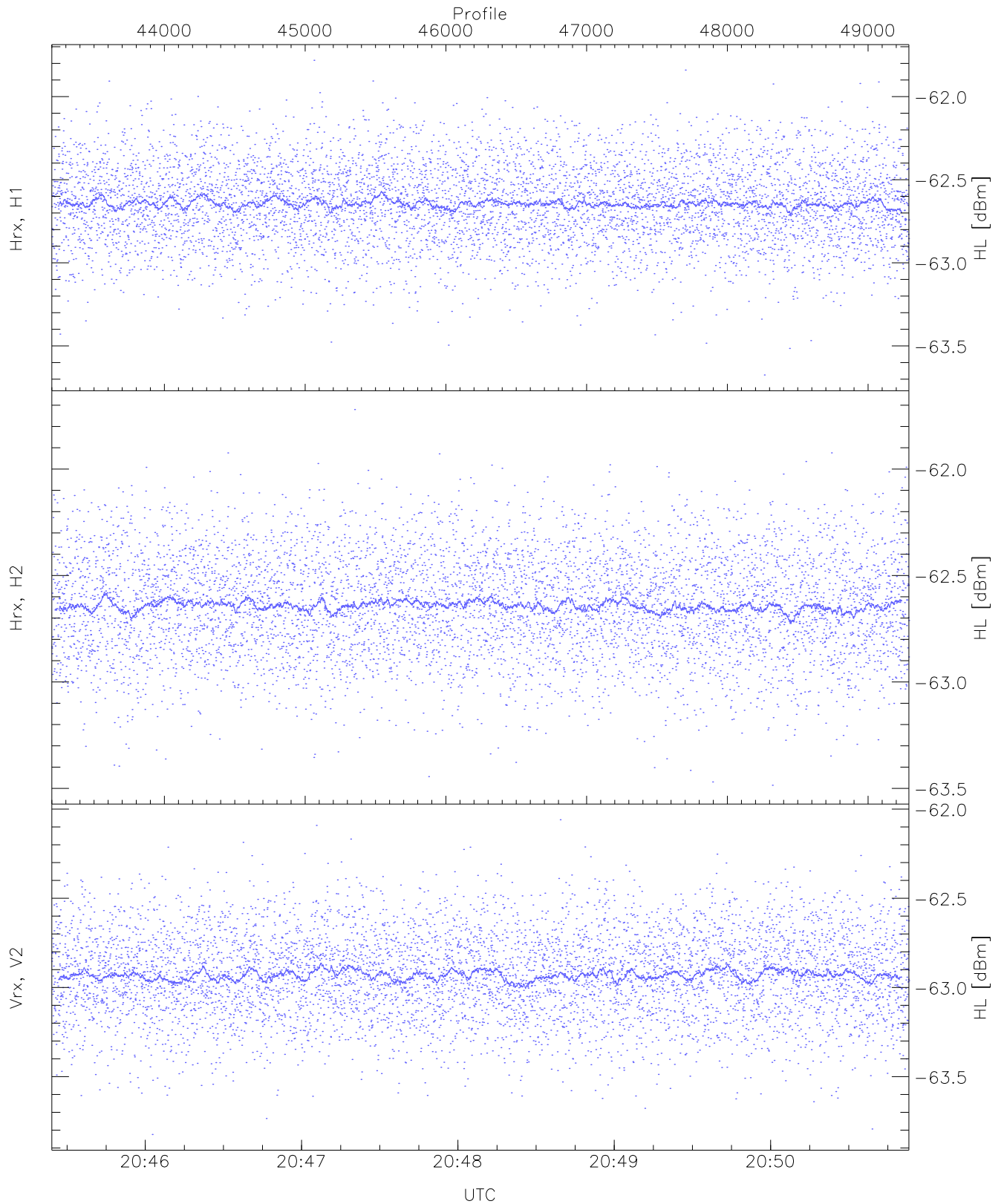
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 21 pixs, 4 gates, 17 profs, 1 prods



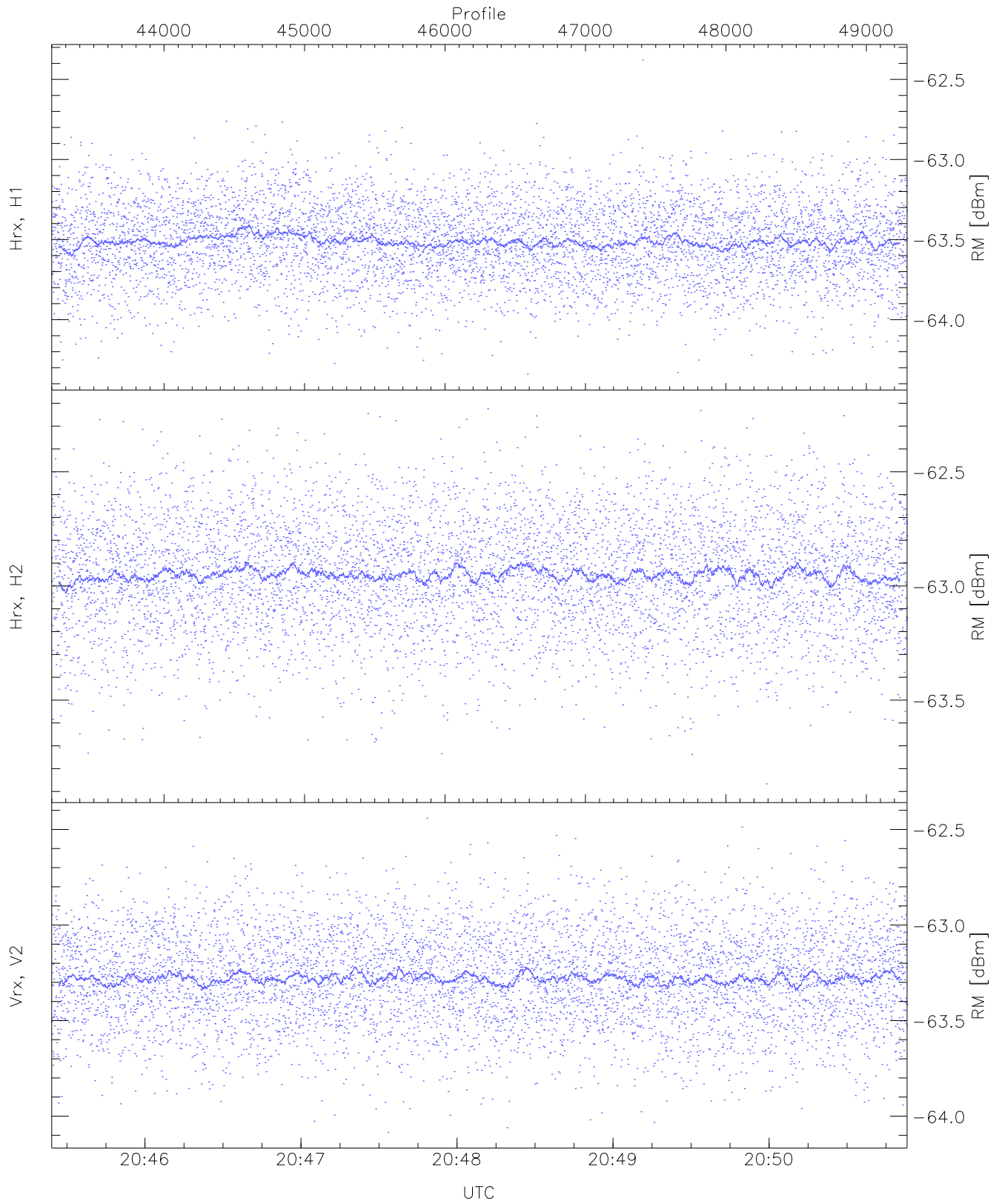
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.65	-62.05	-62.87	-62.88	-75.57
Hrx, H2(WL [dBm])	-63.80	-62.05	-62.86	-62.87	-75.58
Vrx, V2(WL [dBm])	-64.16	-62.24	-63.14	-63.15	-75.88



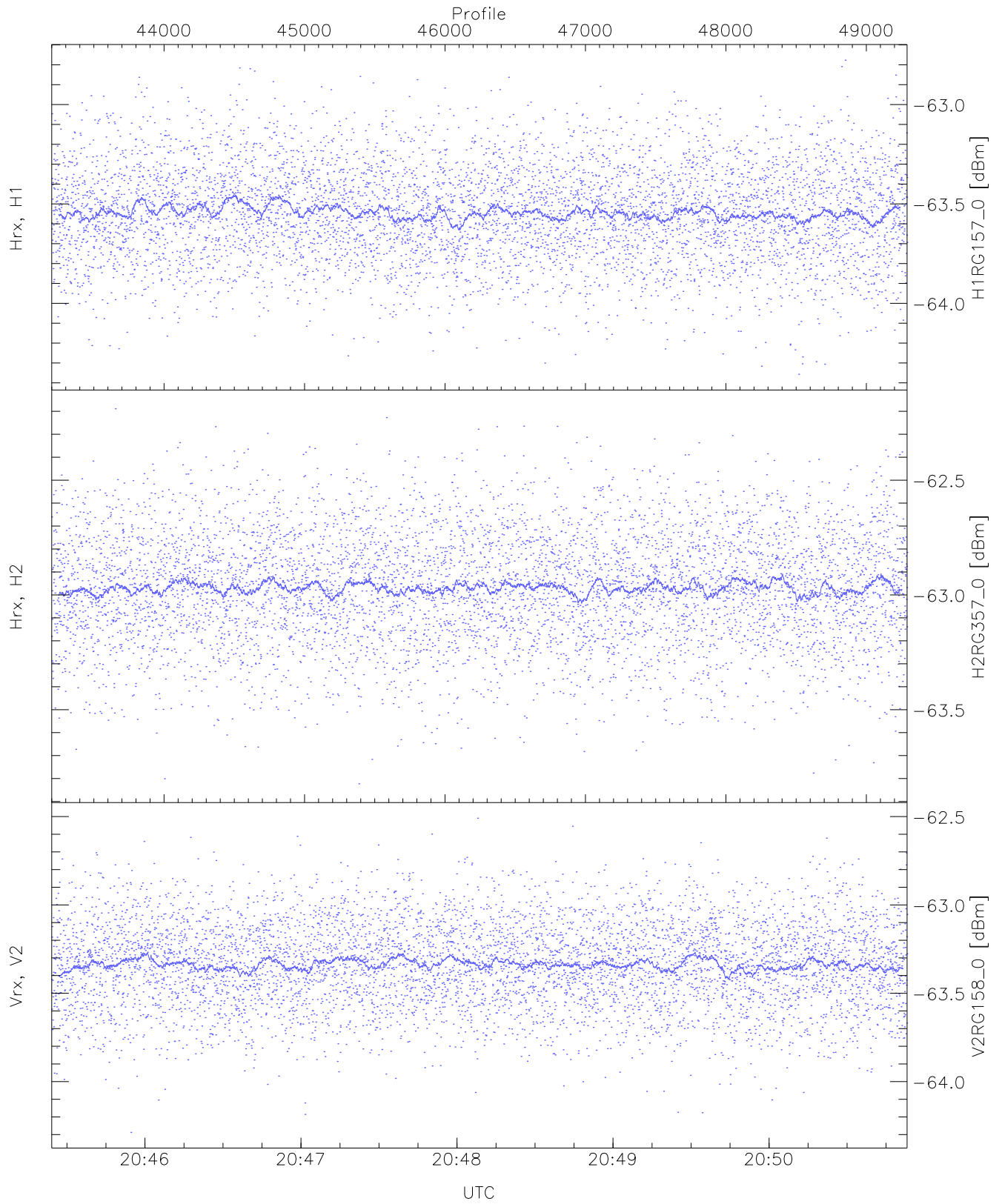
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.67	-61.78	-62.64	-62.65	-75.33
Hrx, H2 (HL [dBm])	-63.49	-61.72	-62.64	-62.64	-75.35
Vrx, V2 (HL [dBm])	-63.82	-62.06	-62.93	-62.93	-75.63



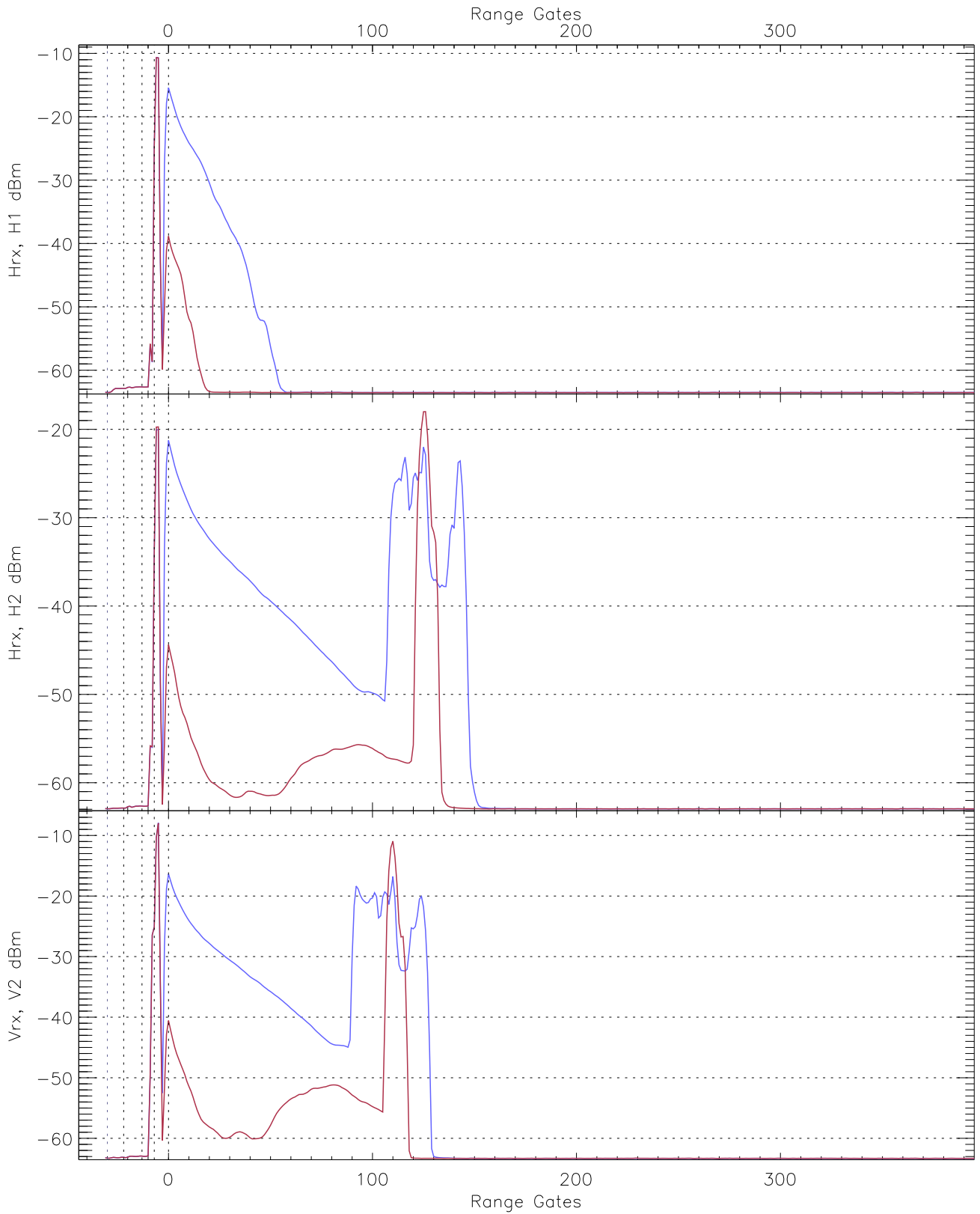
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.34	-62.38	-63.51	-63.51	-76.19
Hrx, H2 (RM [dBm])	-63.87	-62.22	-62.95	-62.95	-75.64
Vrx, V2 (RM [dBm])	-64.08	-62.44	-63.28	-63.28	-76.00

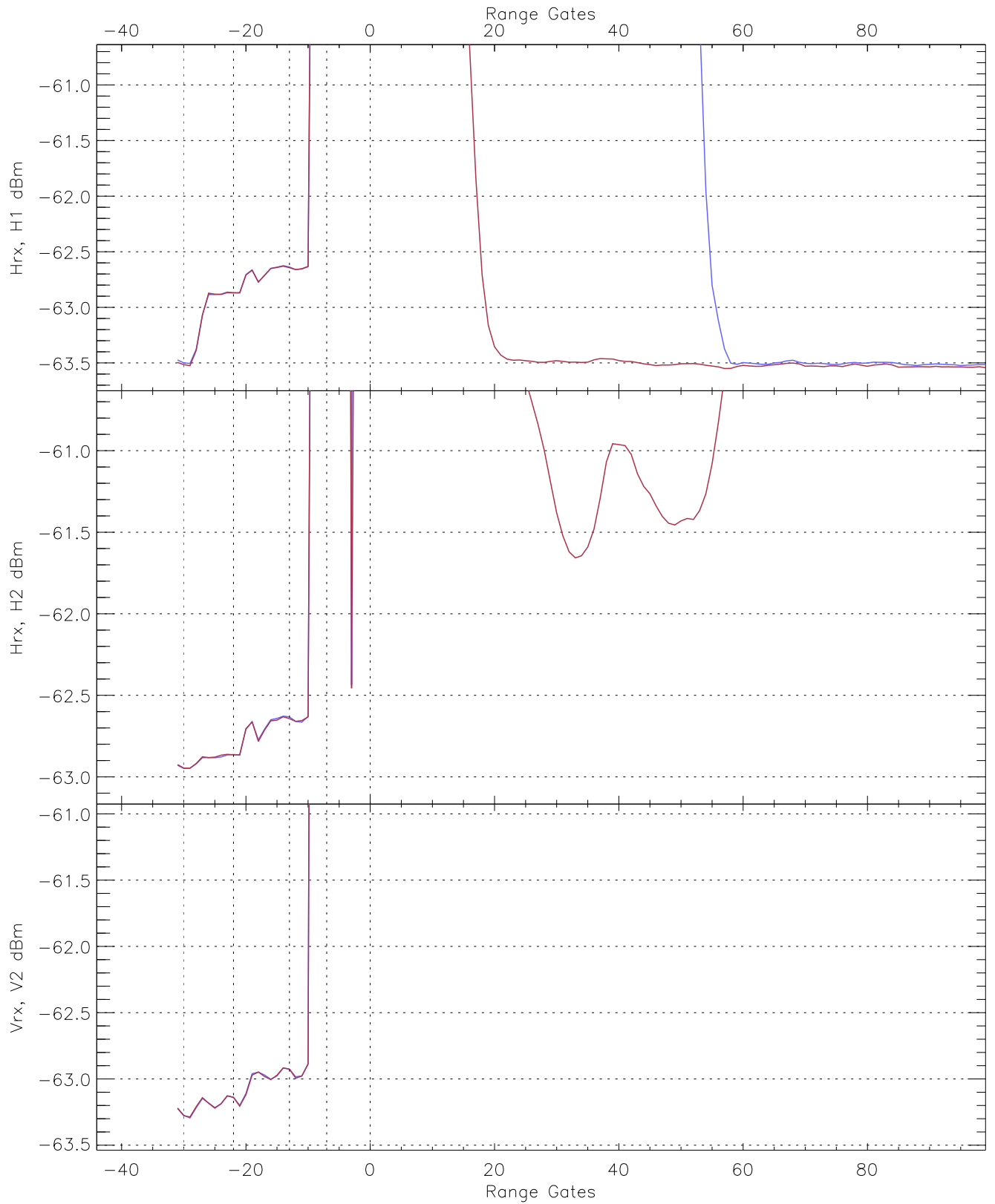


WCR2 CPP "Best" estimate Receivers Noise Power

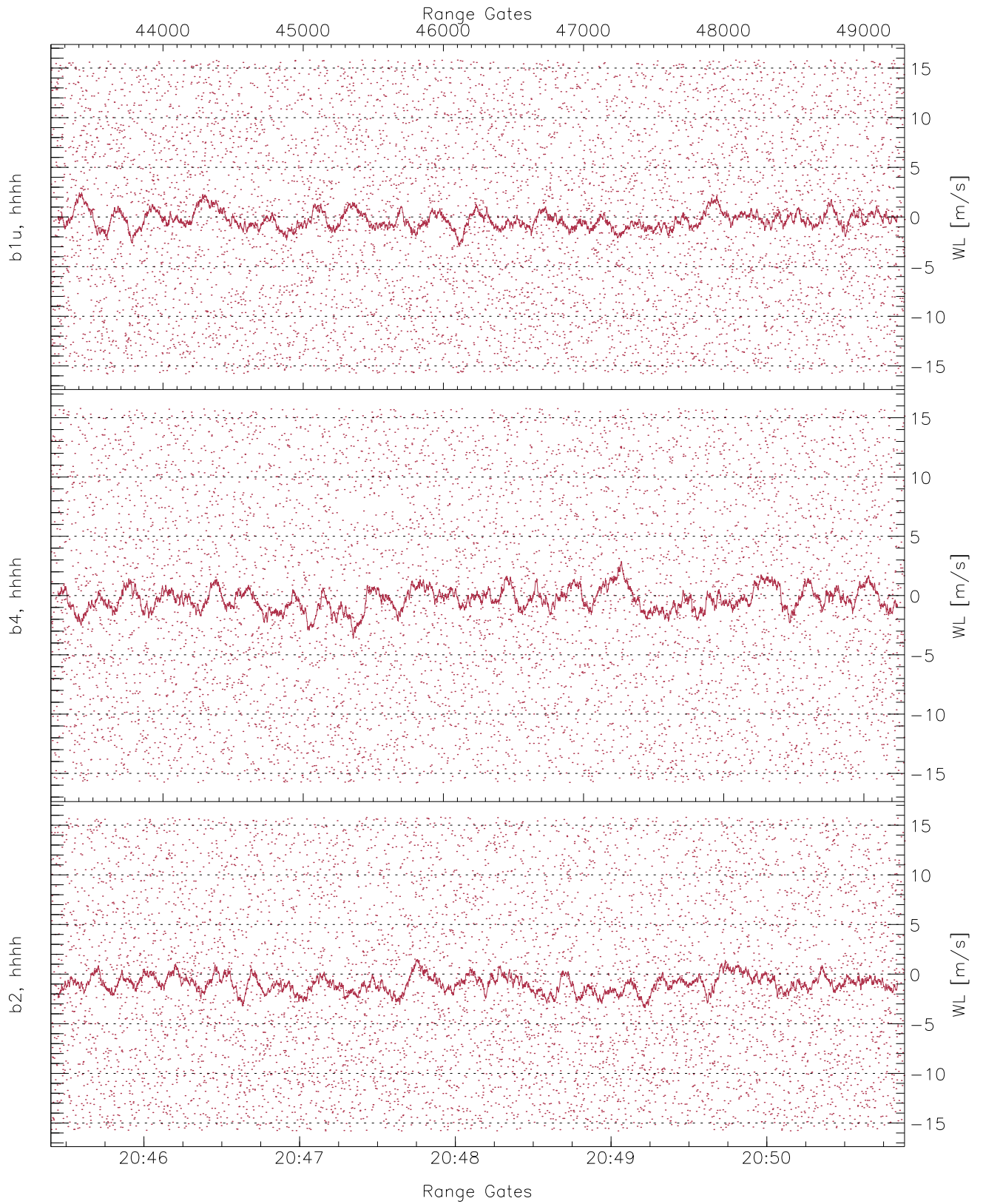
	Min	Max	Mean	Median	StDev
H1RG157_0 [dBm]	-64.36	-62.78	-63.54	-63.54	-76.27
H2RG357_0 [dBm]	-63.82	-62.19	-62.96	-62.97	-75.70
V2RG158_0 [dBm]	-64.29	-62.51	-63.33	-63.34	-76.05



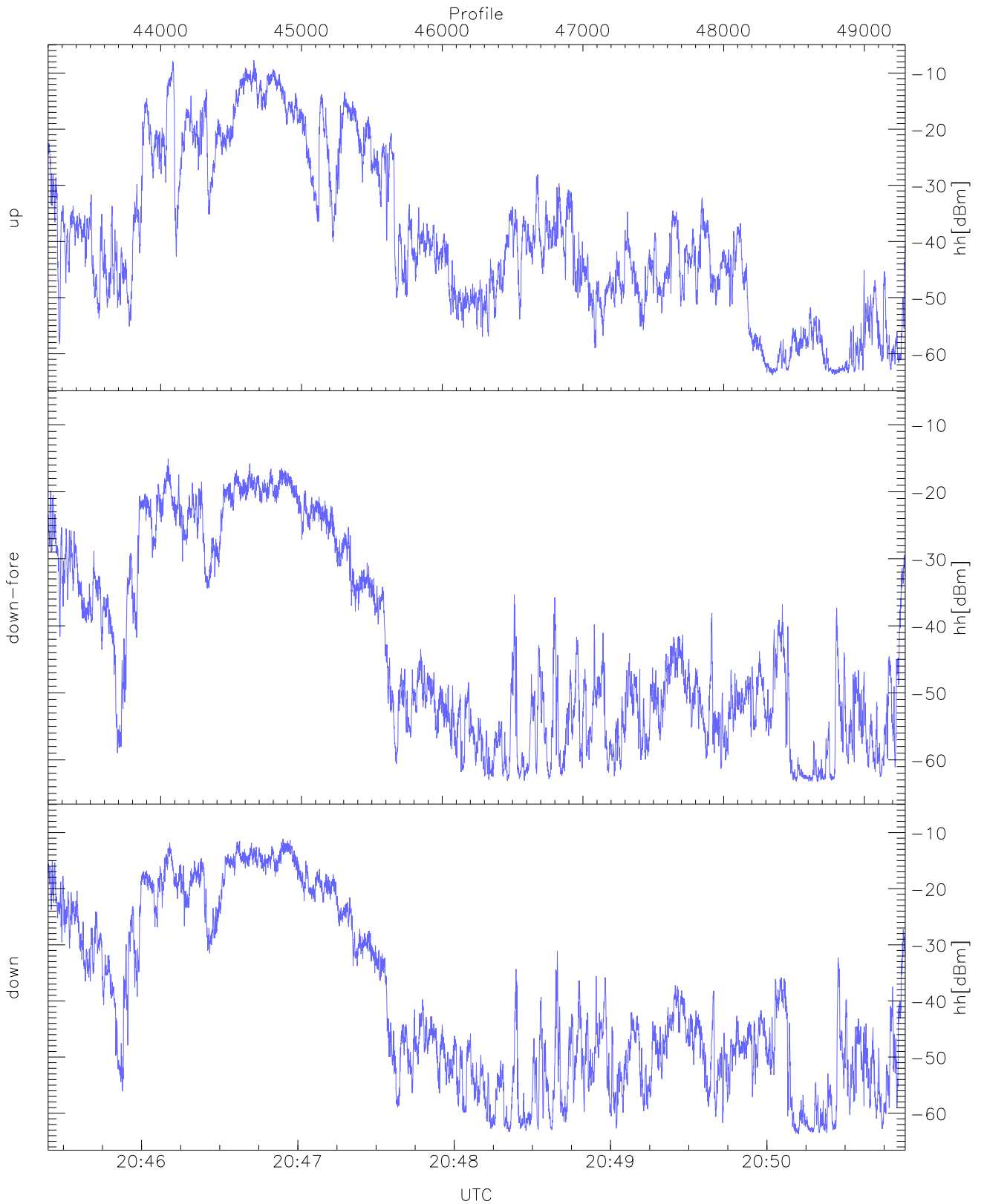
WCR2 CPP Averaged Received power for all recorded gates
blue: 204524-204809, 3046 profiles averaged
red: 204809-205053, 3046 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 204524-204809, 3046 profiles averaged
red: 204809-205053, 3046 profiles averaged

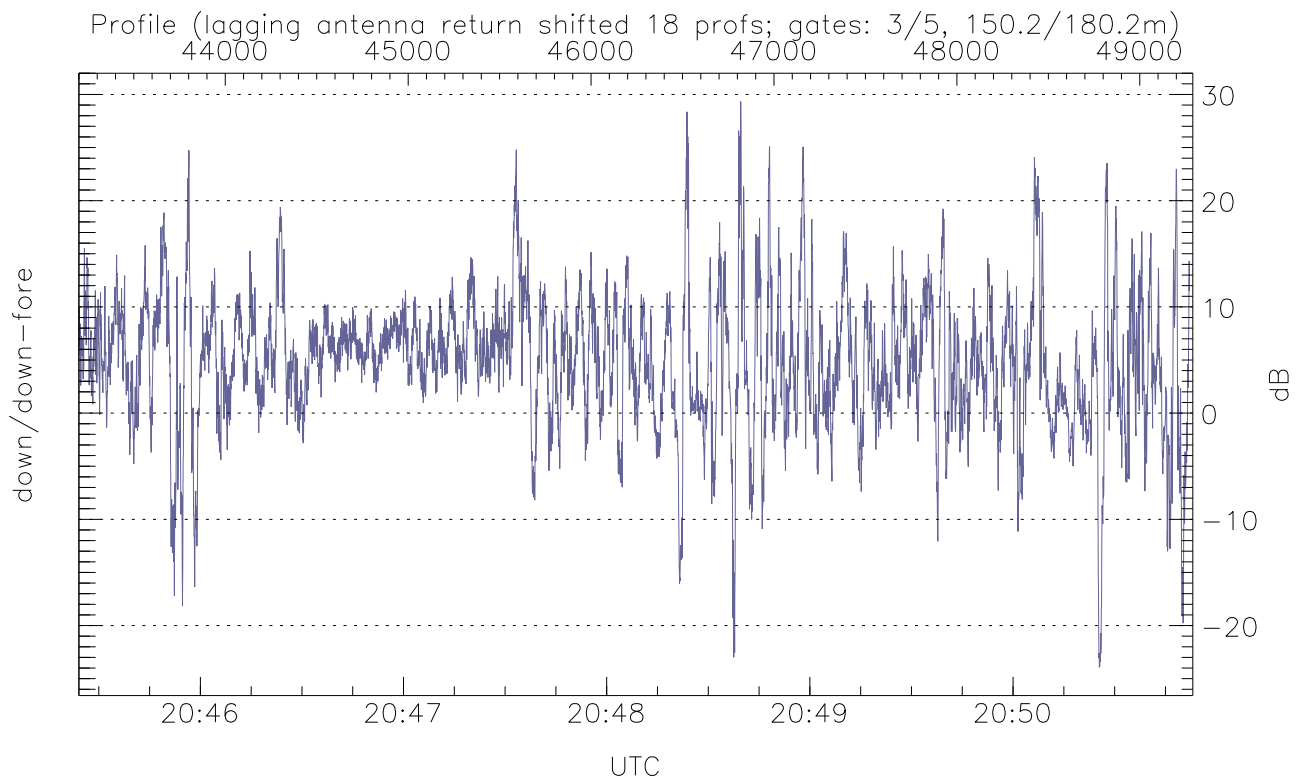
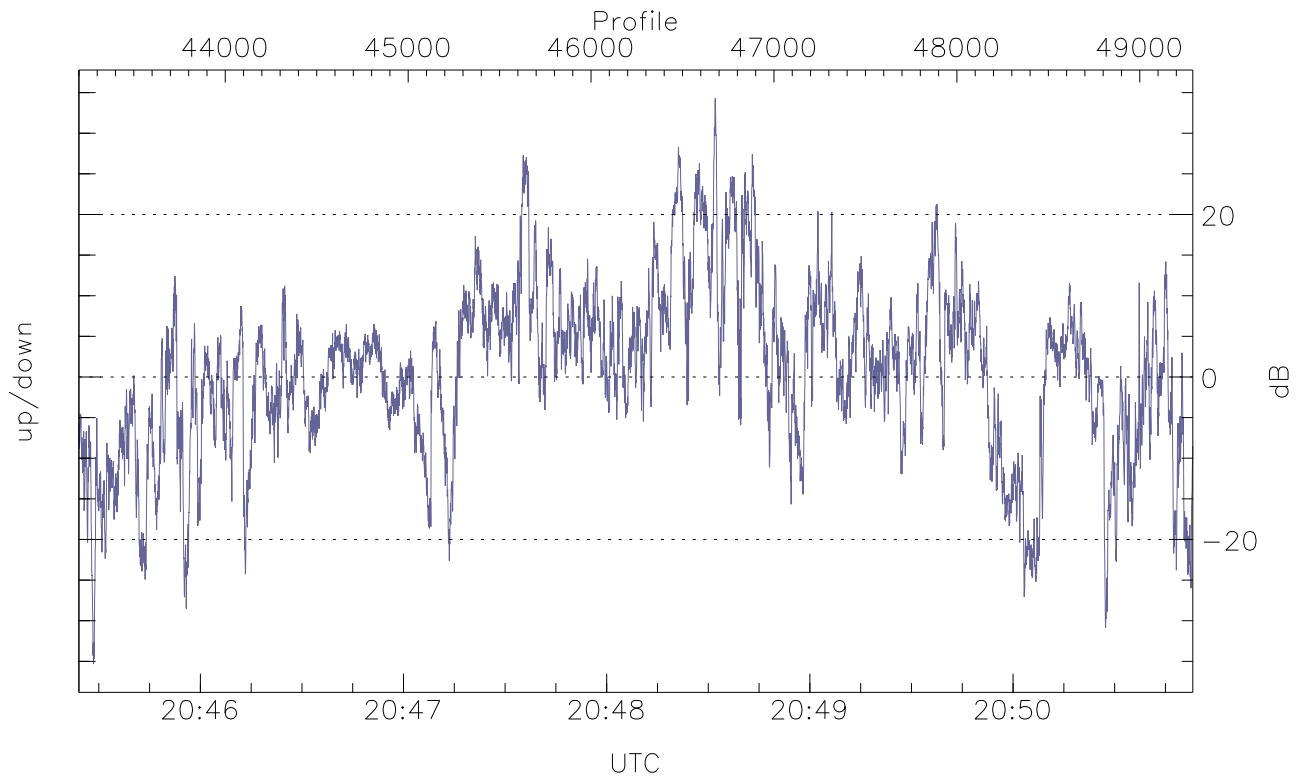


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



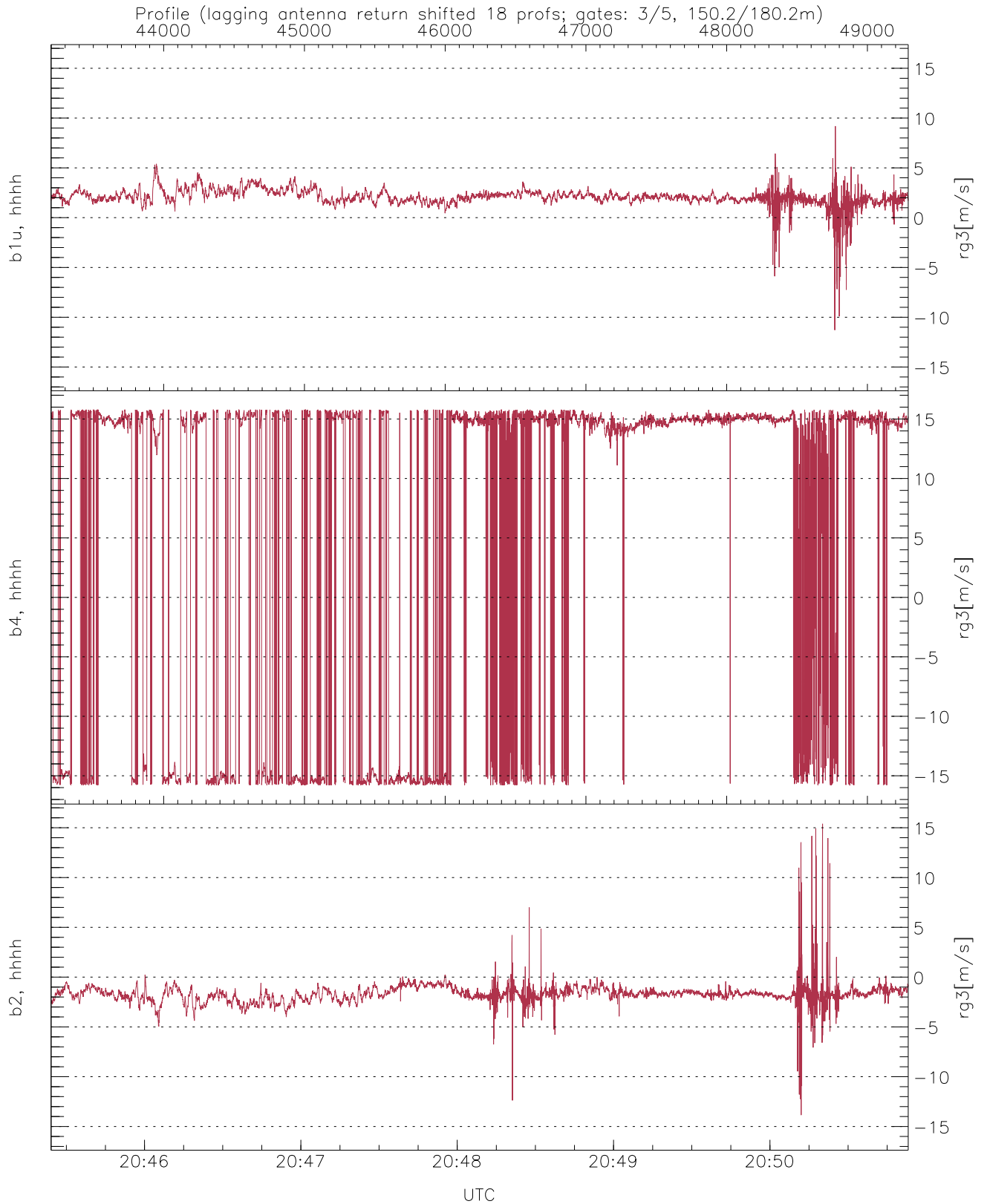
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh [dBm])	-63.79	-7.73	-21.75
down-fore(hh [dBm])	-63.25	-15.05	-27.09
down(hh [dBm])	-63.75	-11.11	-22.47



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

	Min	Max	Mean
up/down (dB)	-35.34	34.30	0.62
down/down-fore (dB)	-23.93	29.33	4.87



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-11.29	9.19	2.09	0.87
b4, hhhh(rg3[m/s])	-15.80	15.80	5.69	13.89
b2, hhhh(rg3[m/s])	-13.85	15.39	-1.69	1.09