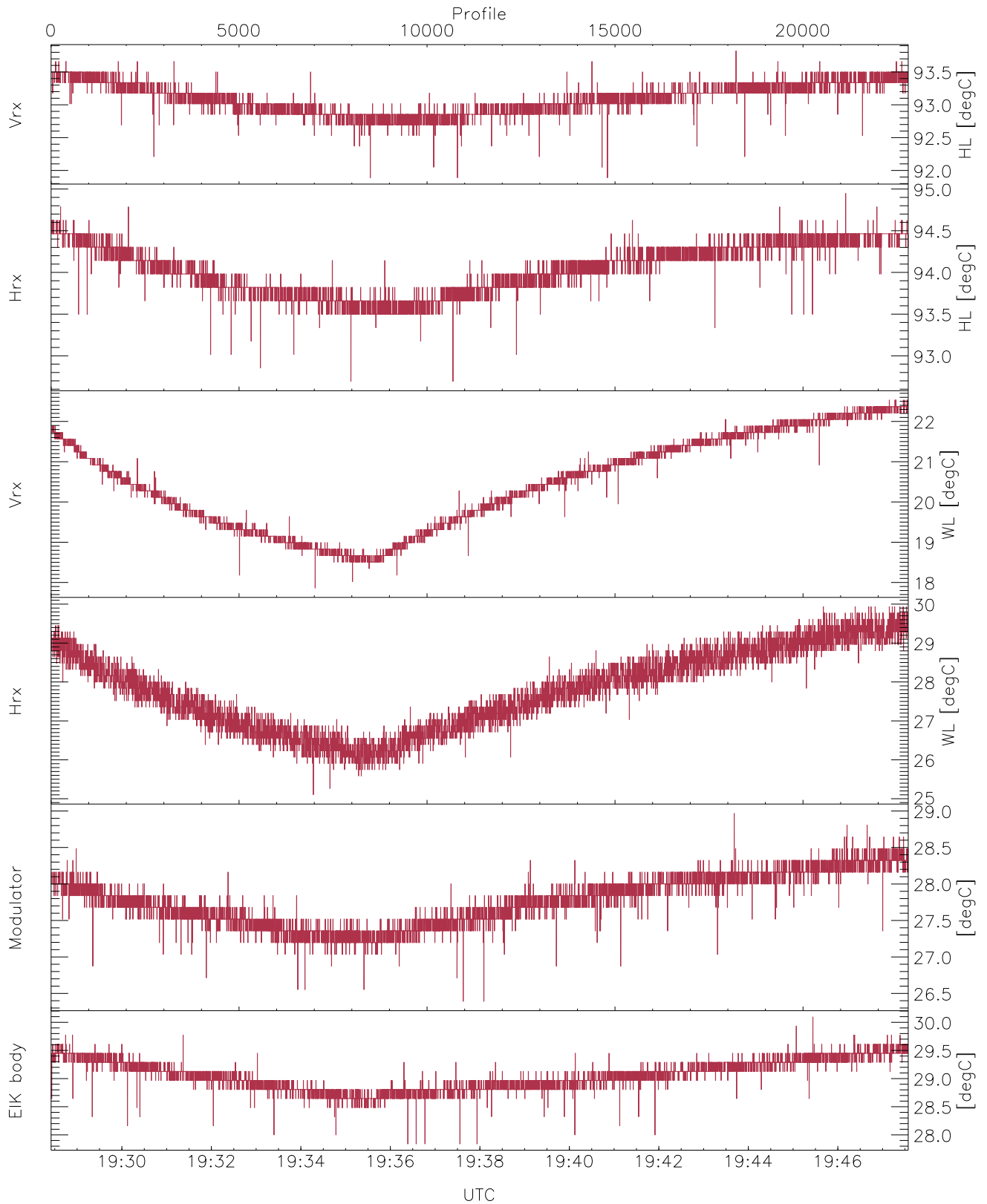


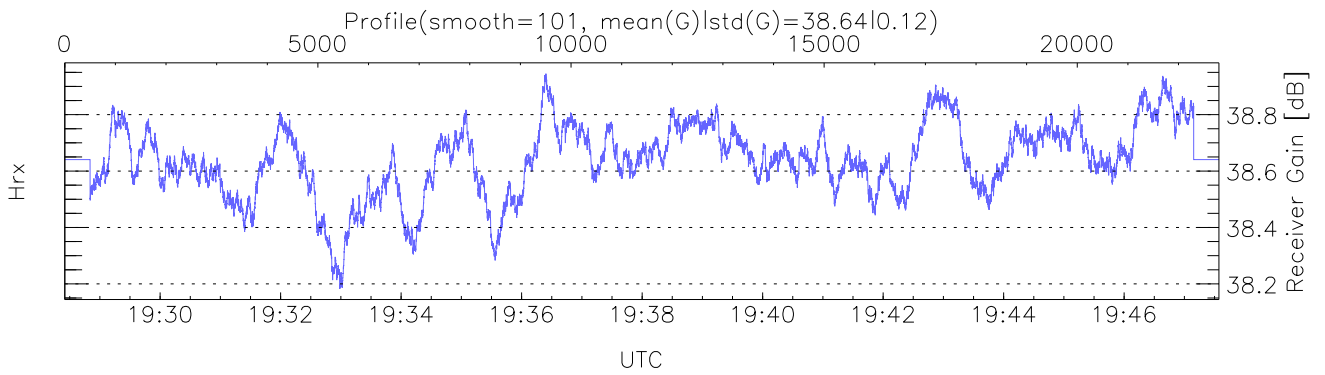
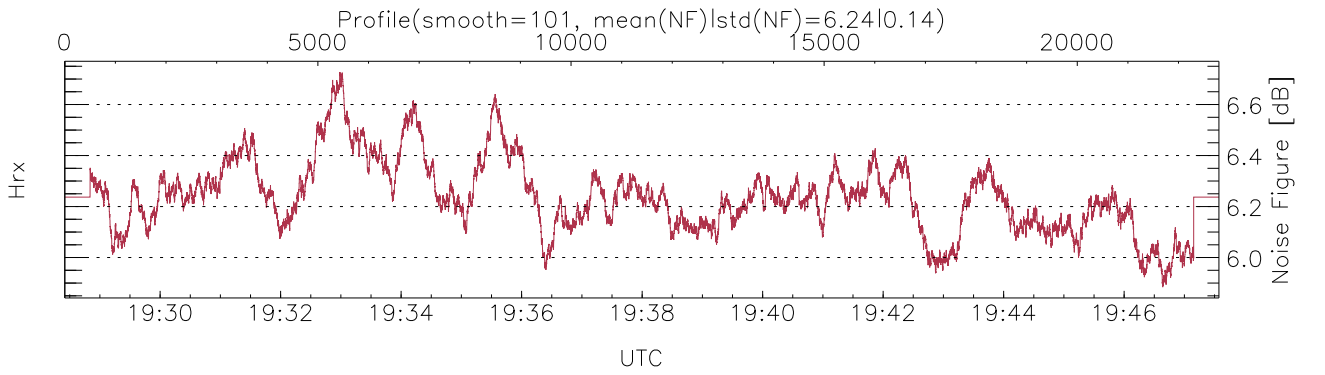
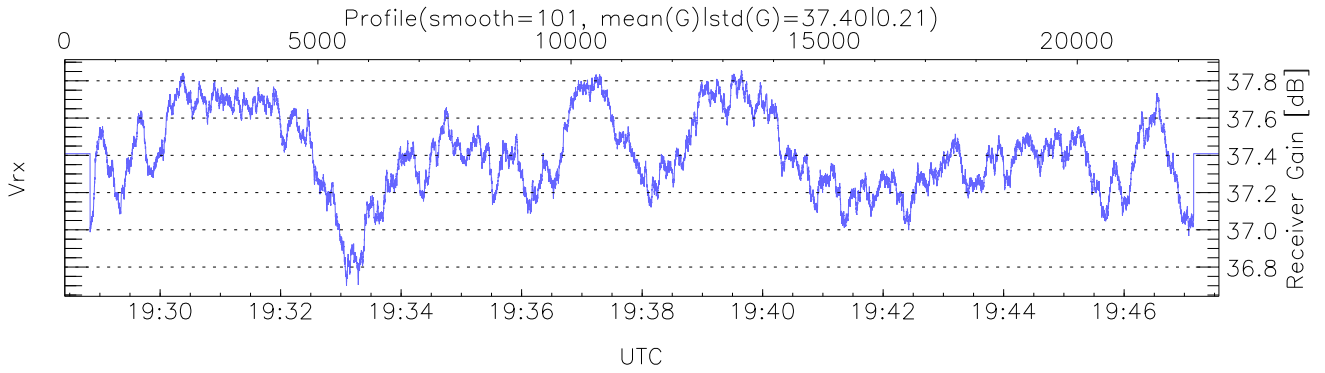
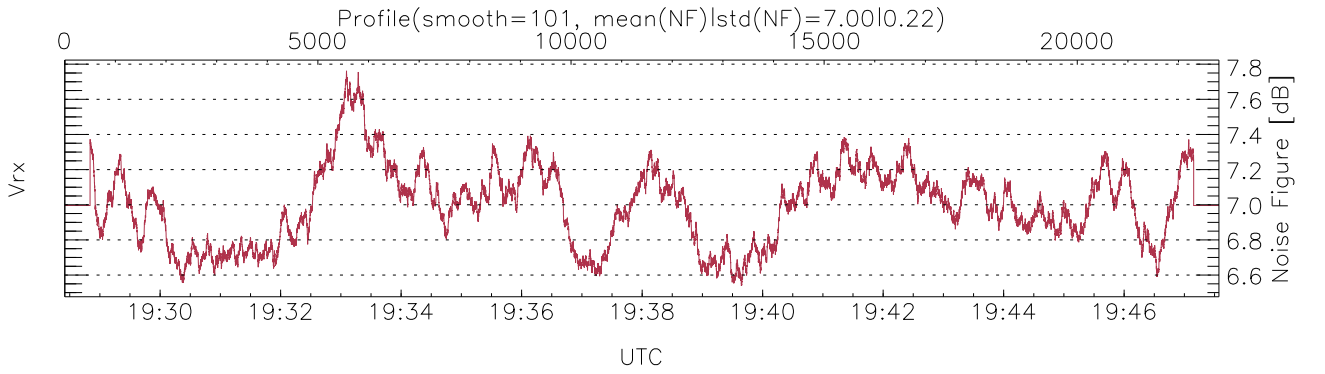
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 19:28:25-19:56:33, Dur: 1688.37s
 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): 22800/33492, 0-22799/19:28:25-19:47:34
 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



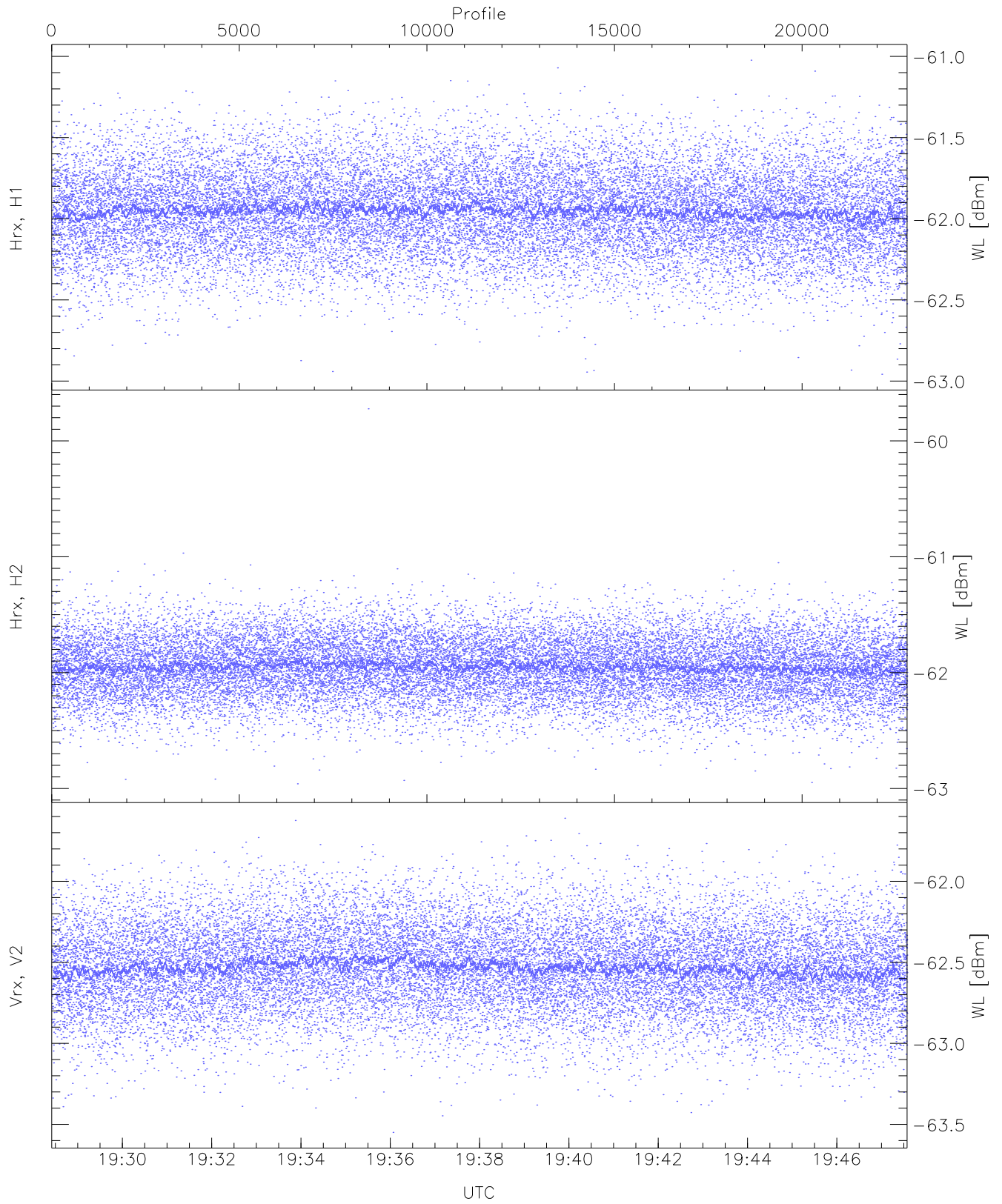
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,17,25,26,27
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,22,29,28,30
 LOalarm(20,80,240,2.8,14.8 MHz): 5,0,0,0,0
 EIK Faults(# prof affected):
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (16,21,21,21,16,5)



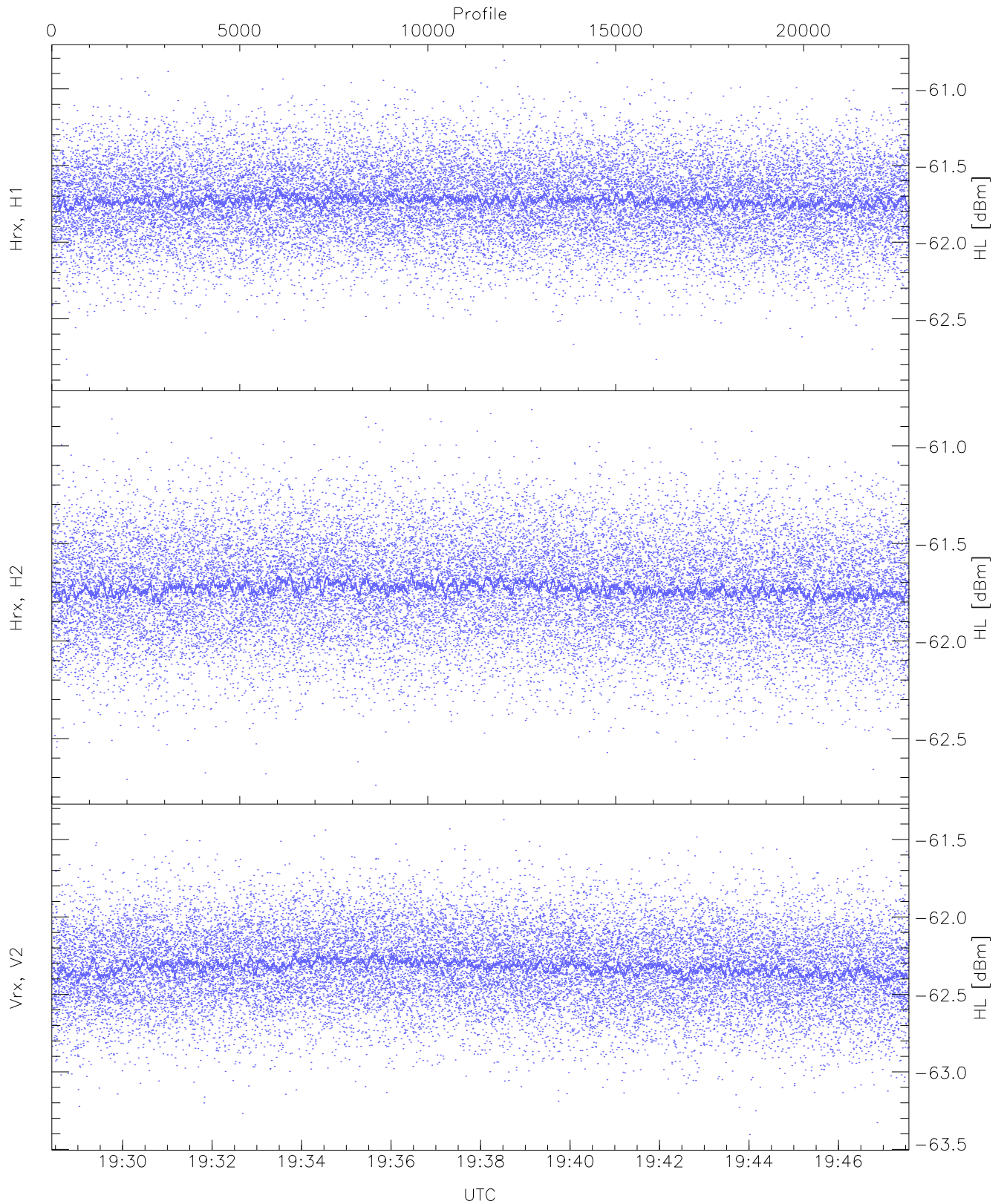
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 5342 pixs, 27 gates, 5240 profs, 2 prods



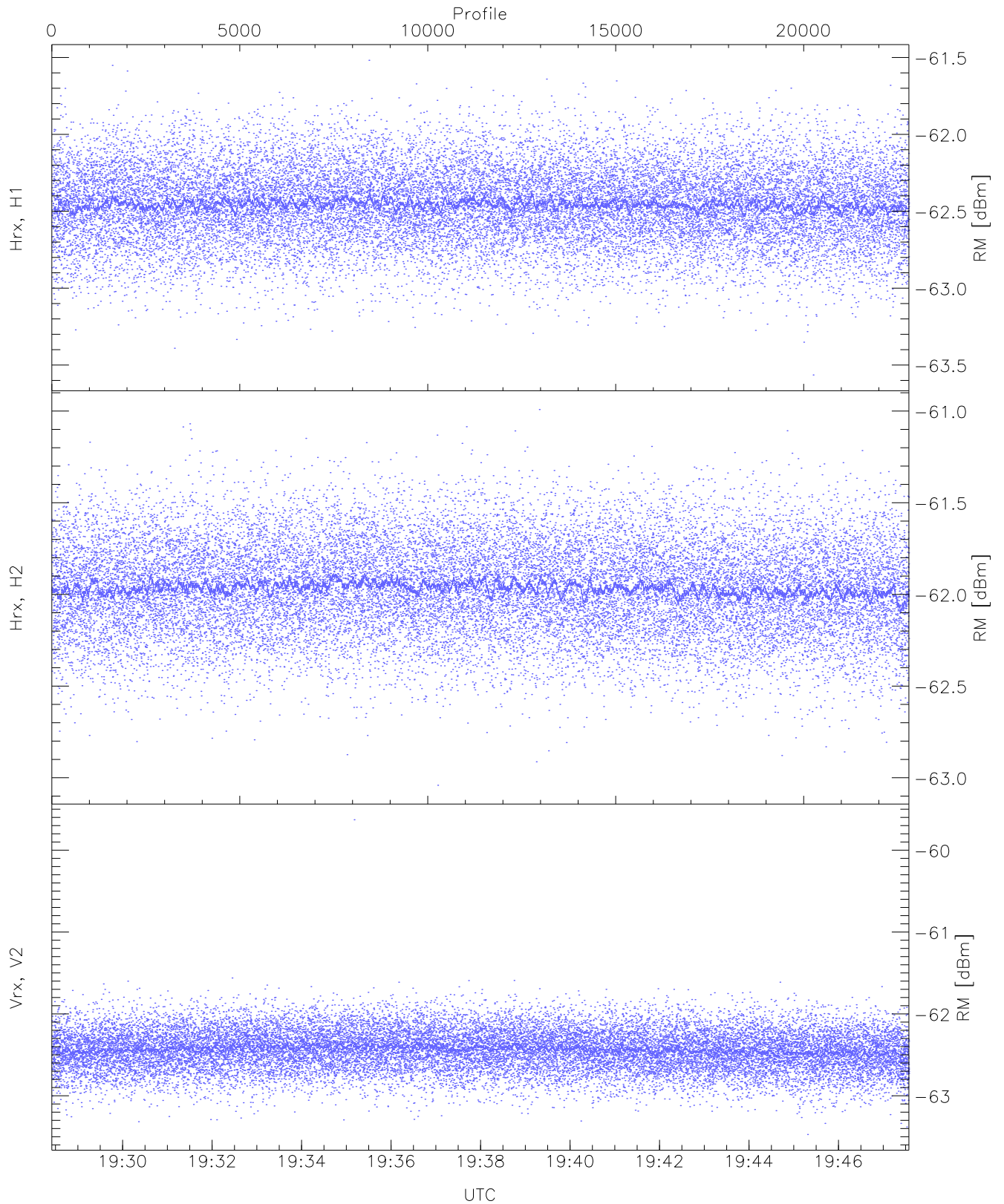
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-62.96	-61.02	-61.95	-61.95	-74.52
Hrx, H2 (WL [dBm])	-62.96	-59.72	-61.95	-61.95	-74.49
Vrx, V2 (WL [dBm])	-63.55	-61.61	-62.53	-62.54	-75.05



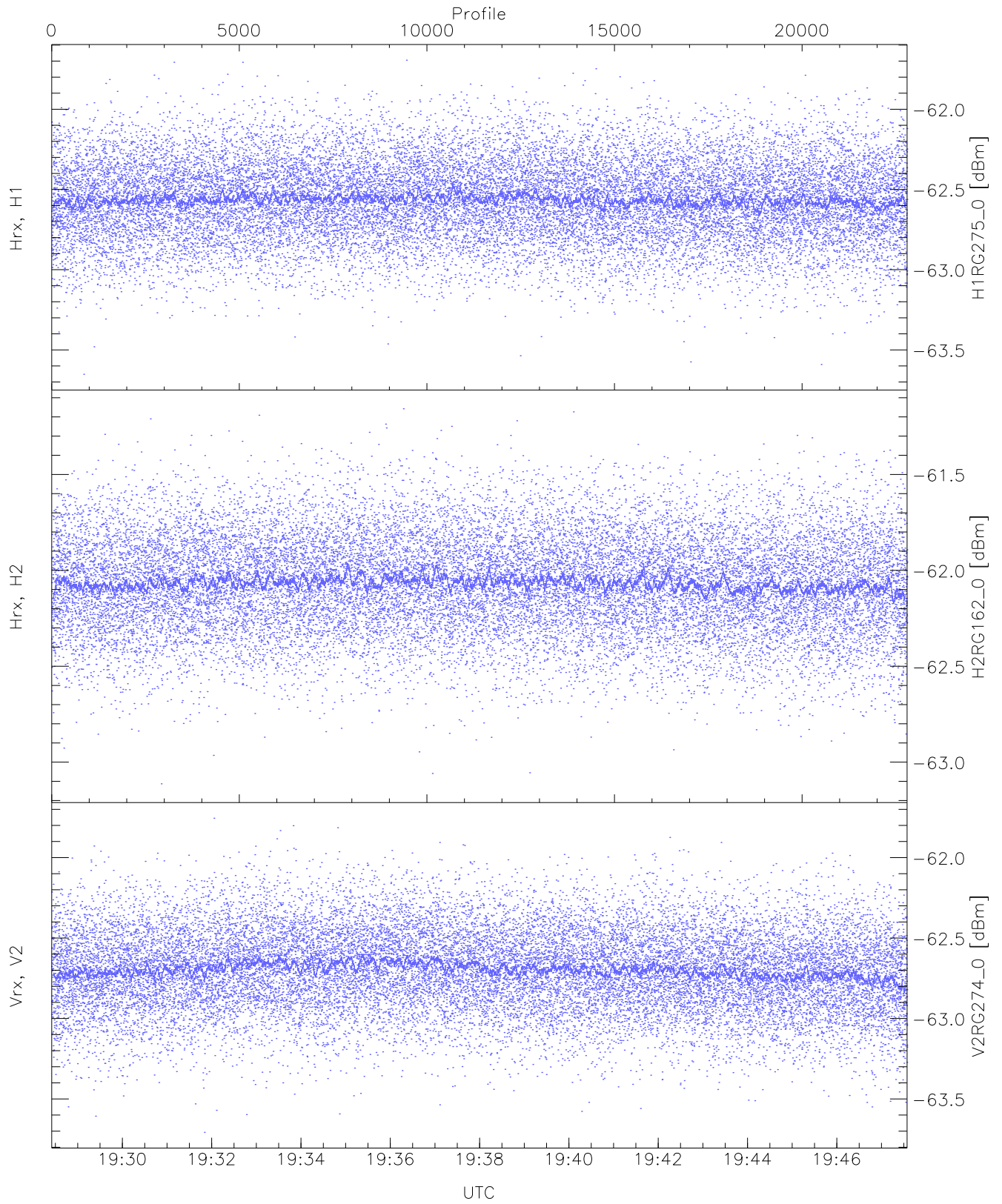
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.87	-60.81	-61.73	-61.73	-74.29
Hrx, H2 (HL [dBm])	-62.74	-60.81	-61.73	-61.73	-74.32
Vrx, V2 (HL [dBm])	-63.40	-61.37	-62.32	-62.33	-74.85



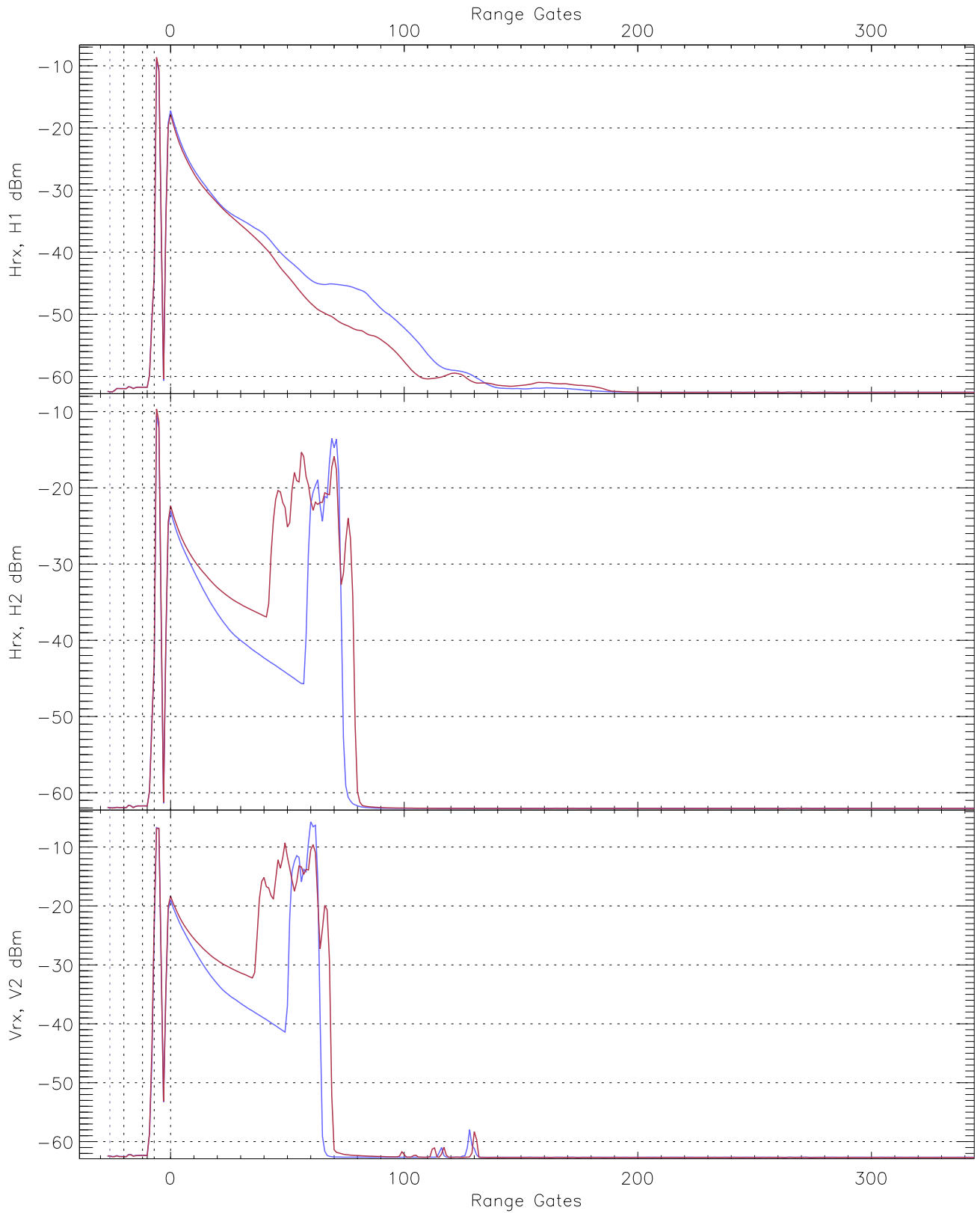
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.56	-61.52	-62.45	-62.46	-75.06
Hrx, H2 (RM [dBm])	-63.04	-60.99	-61.96	-61.97	-74.50
Vrx, V2 (RM [dBm])	-63.47	-59.63	-62.43	-62.44	-74.93

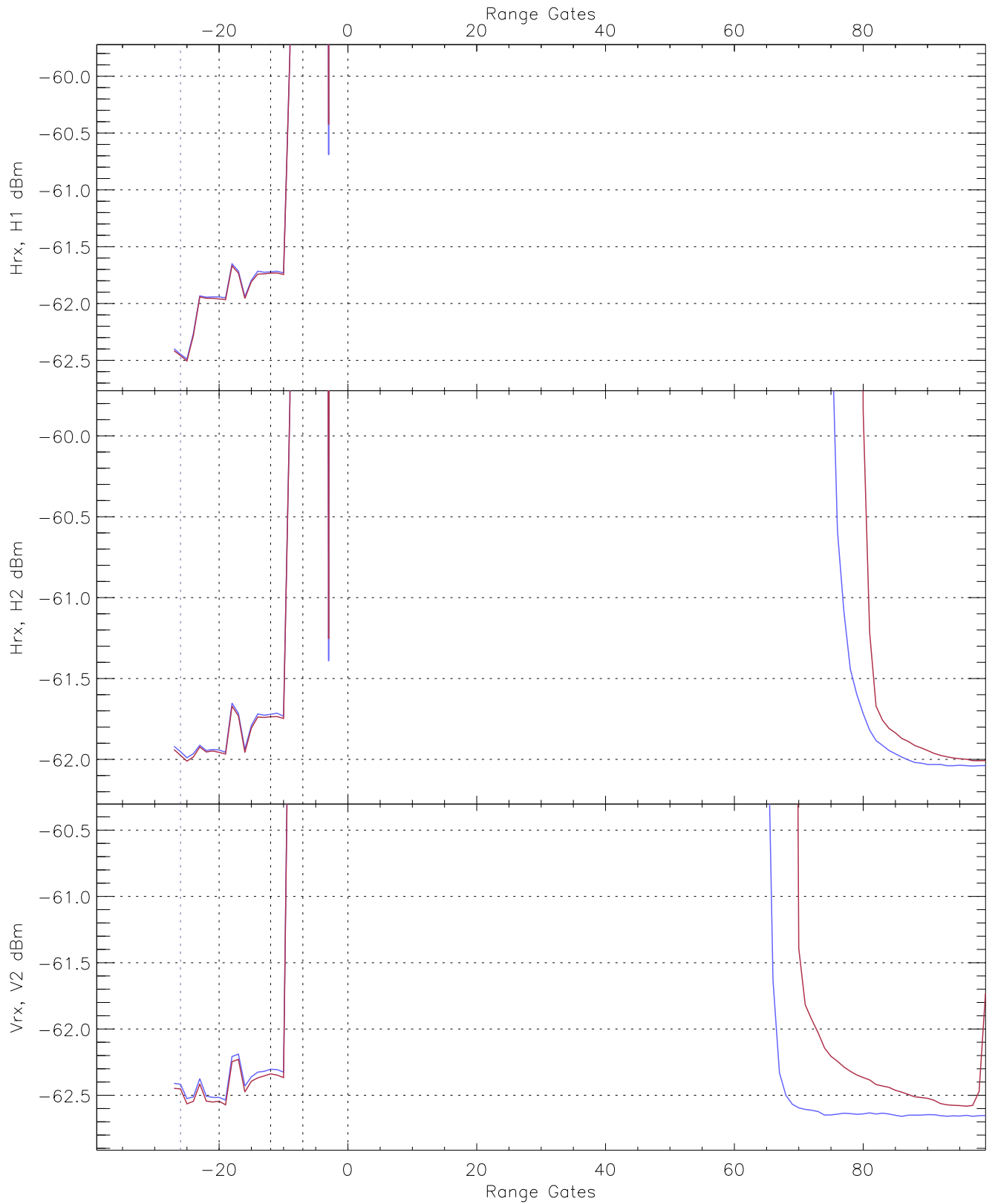


WCR2 CPP "Best" estimate Receivers Noise Power

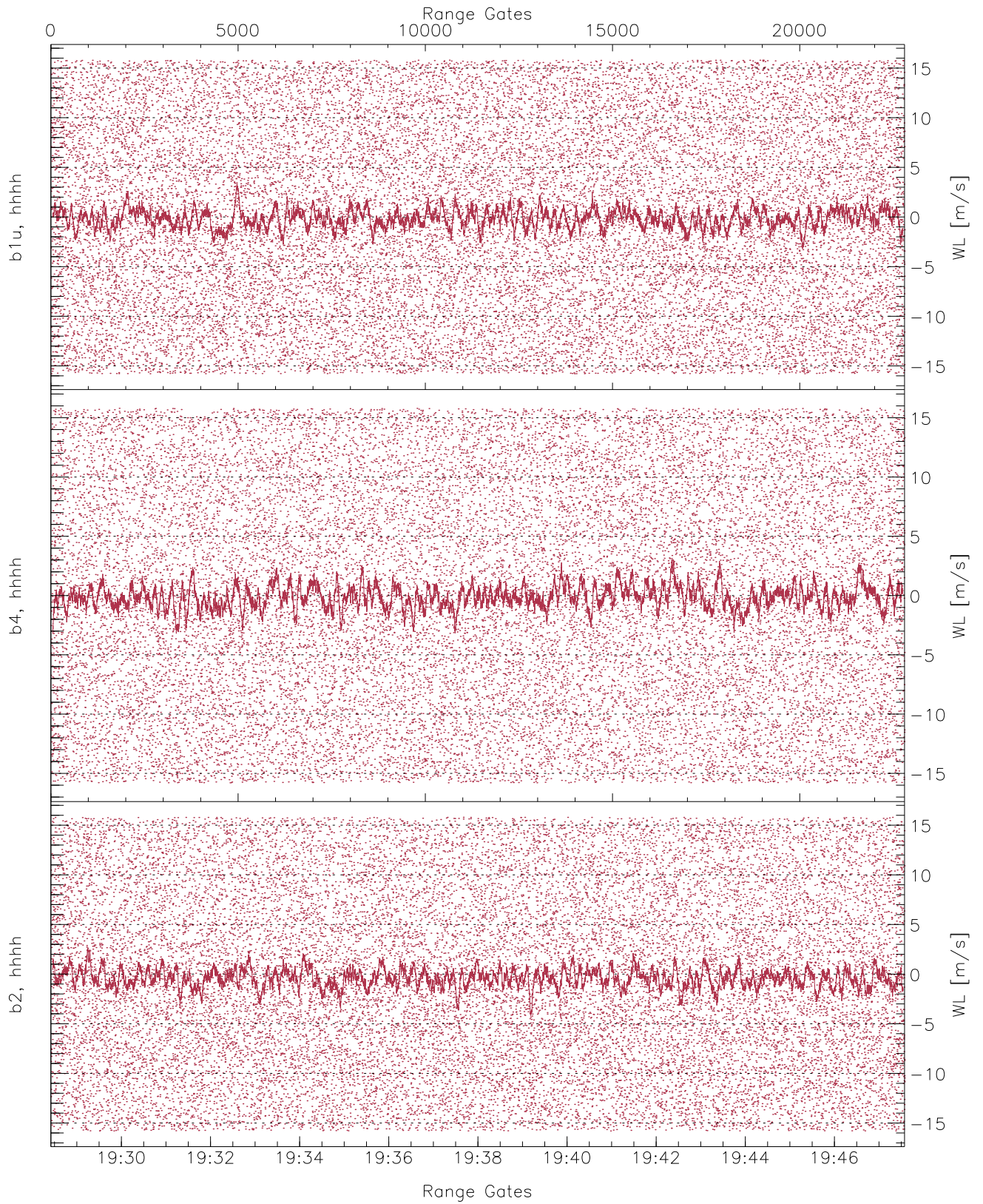
	Min	Max	Mean	Median	StDev
H1RG275_0 [dBm]	-63.65	-61.69	-62.56	-62.57	-75.14
H2RG162_0 [dBm]	-63.11	-61.16	-62.06	-62.07	-74.61
V2RG274_0 [dBm]	-63.71	-61.76	-62.69	-62.70	-75.21



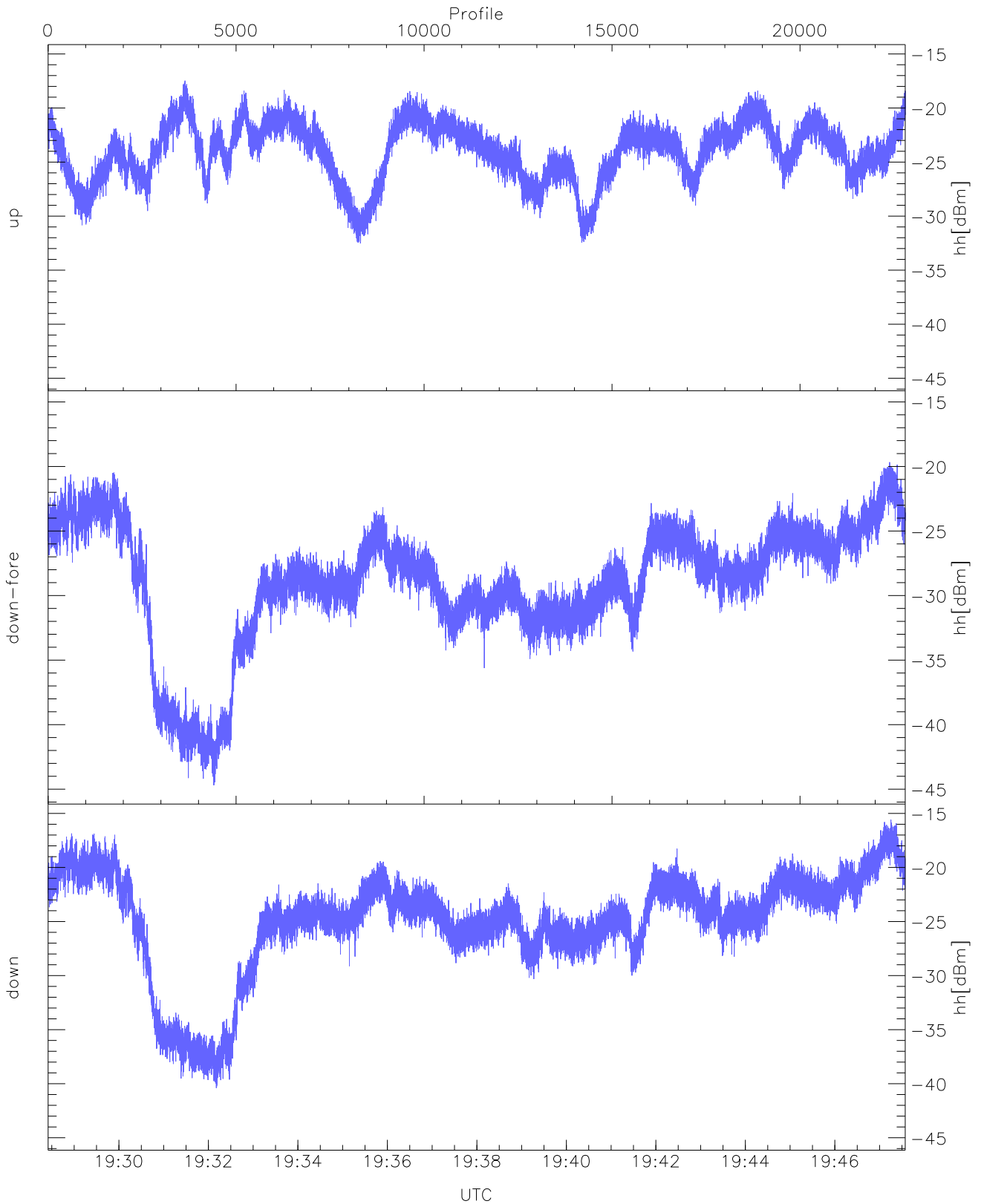
WCR2 CPP Averaged Received power for all recorded gates
blue: 192825-193800, 11401 profiles averaged
red: 193800-194734, 11400 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 192825-193800, 11401 profiles averaged
red: 193800-194734, 11400 profiles averaged

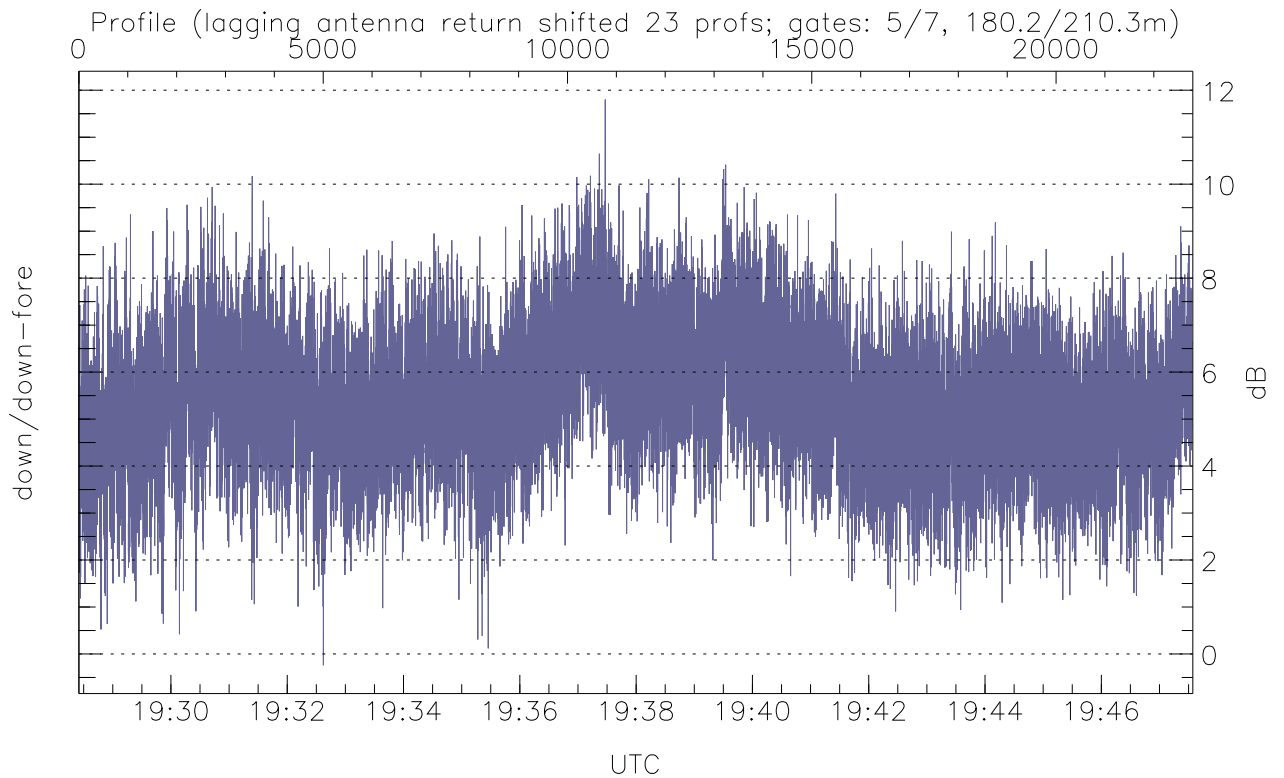
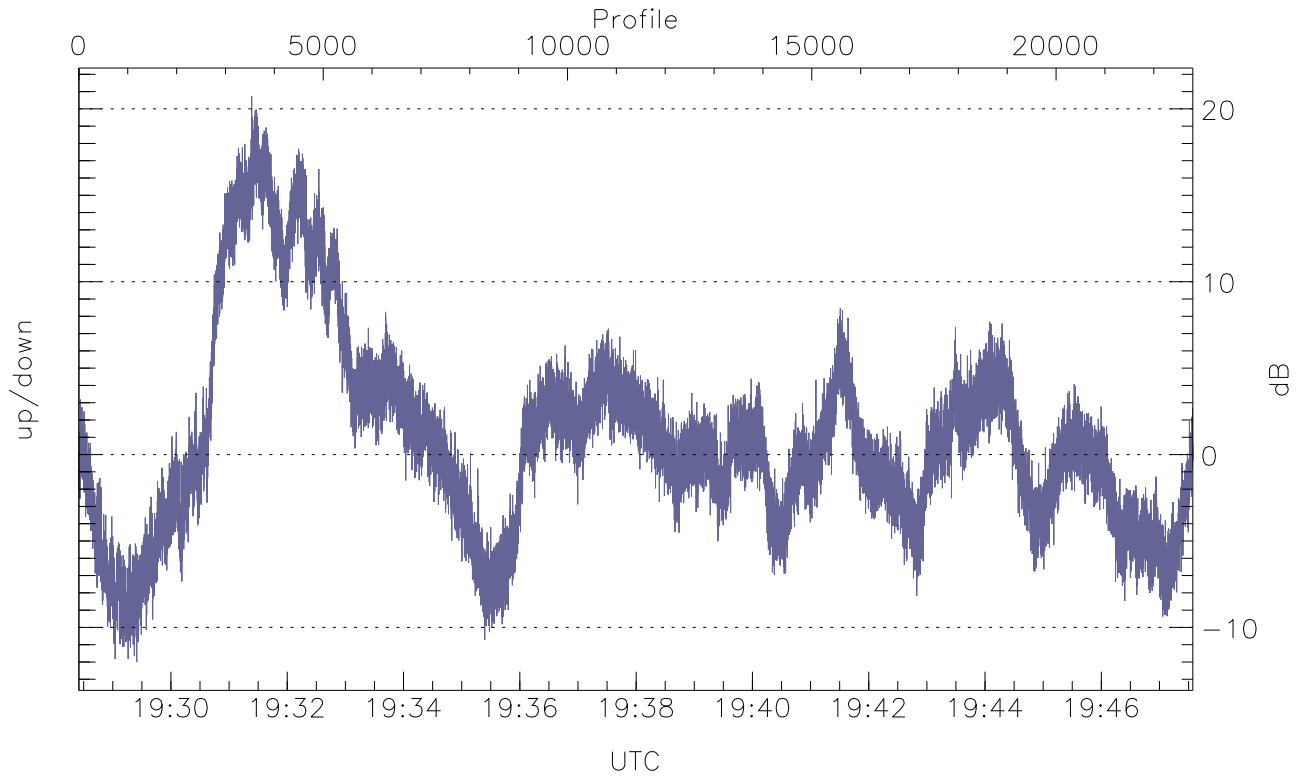


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



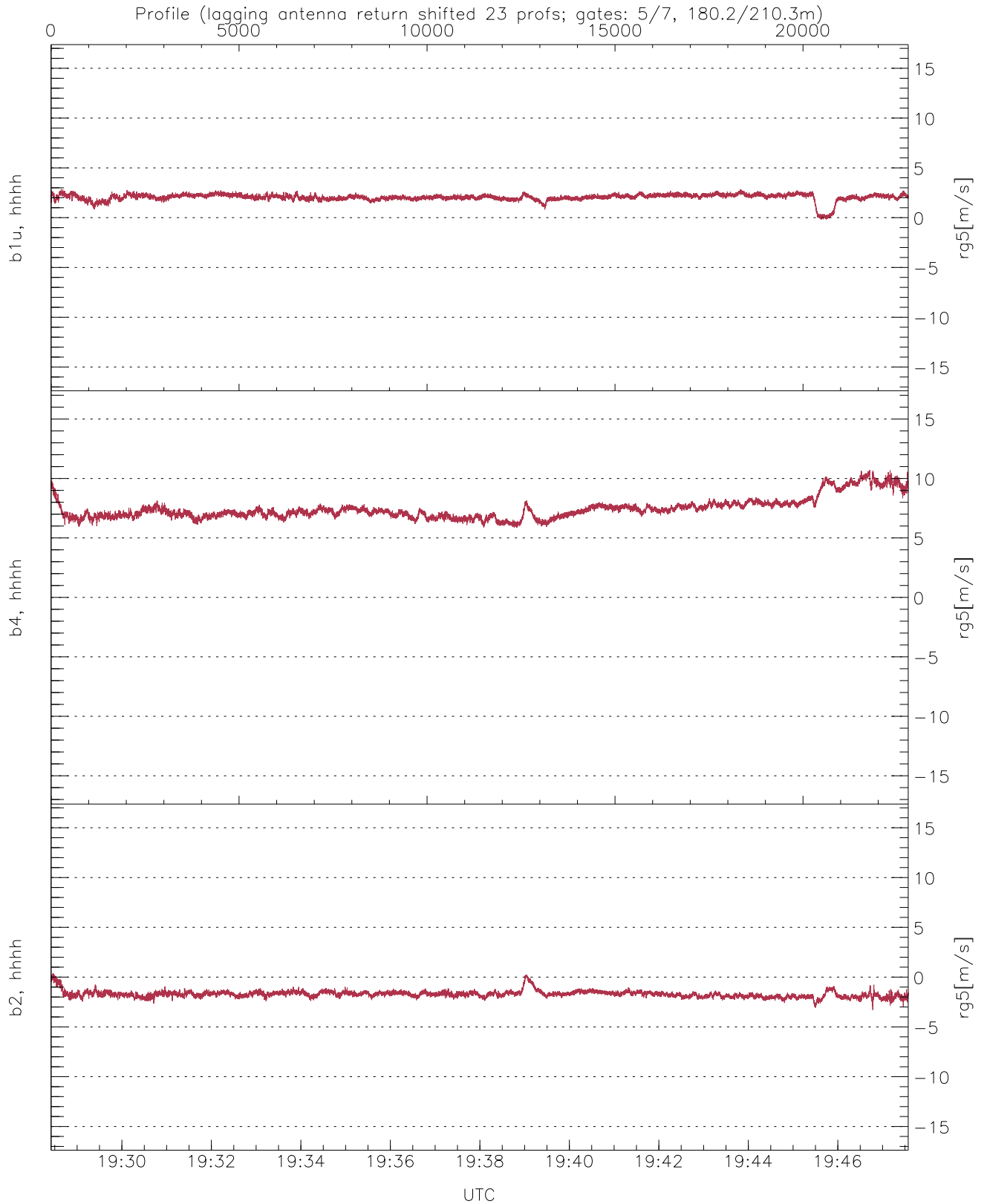
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-32.51	-17.47	-23.30
down-fore(hh[dBm])	-44.70	-19.67	-27.18
down(hh[dBm])	-40.40	-15.59	-23.25



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

	Min	Max	Mean
up/down (dB)	-12.00	20.73	0.91
down/down-fore (dB)	-0.24	11.80	5.43



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-0.19	2.88	2.04	0.36
b4, hhhh(rg5[m/s])	5.86	10.69	7.45	0.90
b2, hhhh(rg5[m/s])	-3.30	0.39	-1.71	0.34