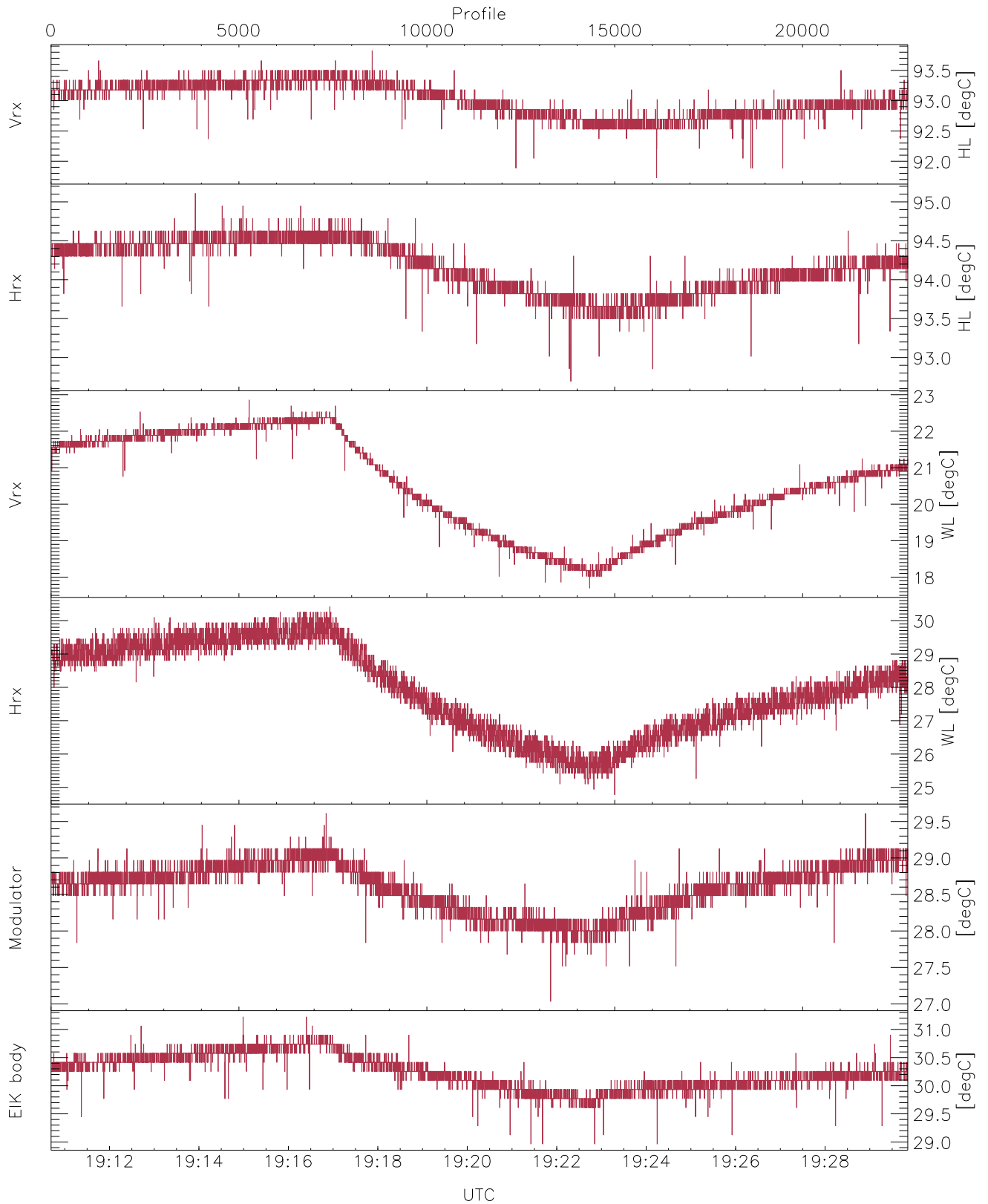


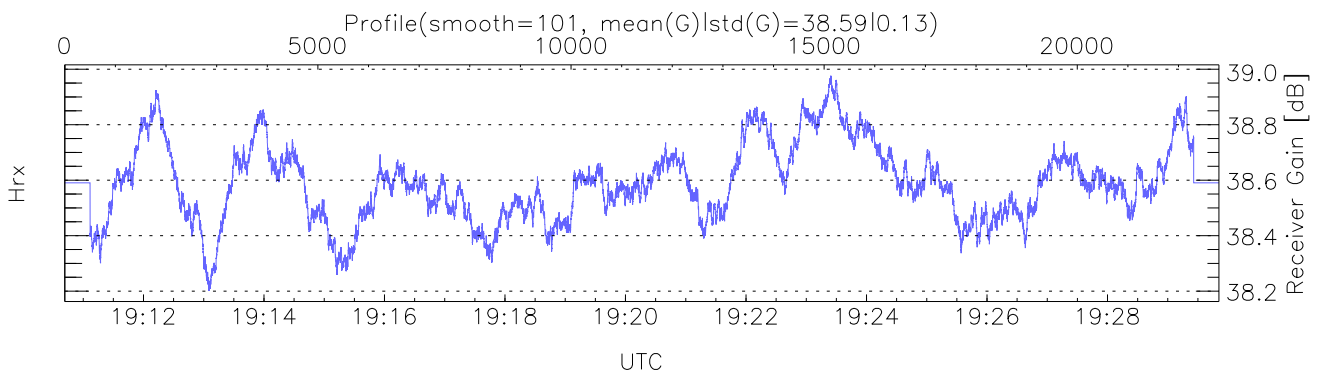
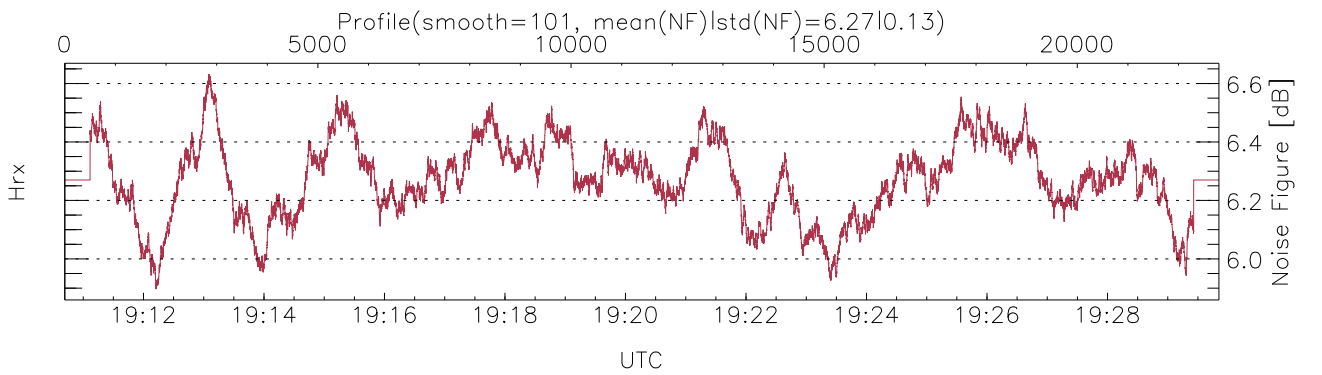
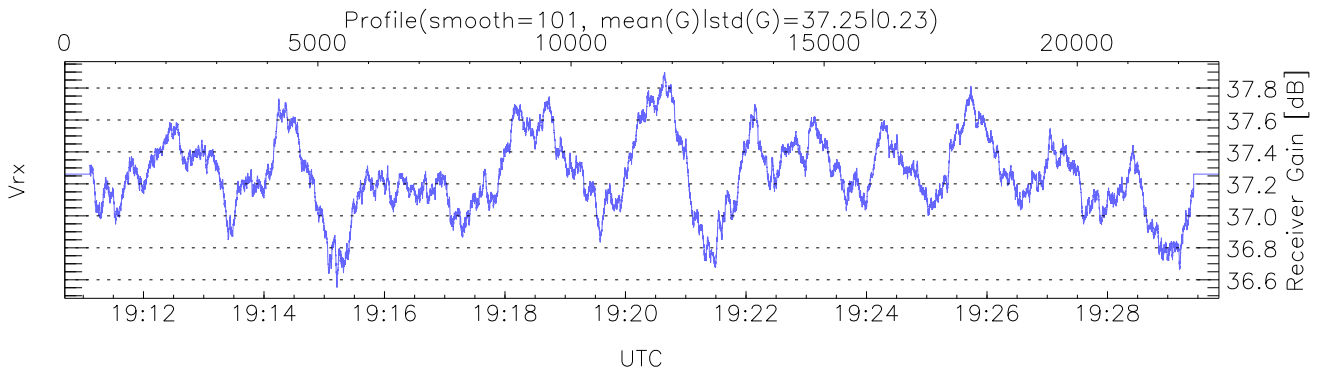
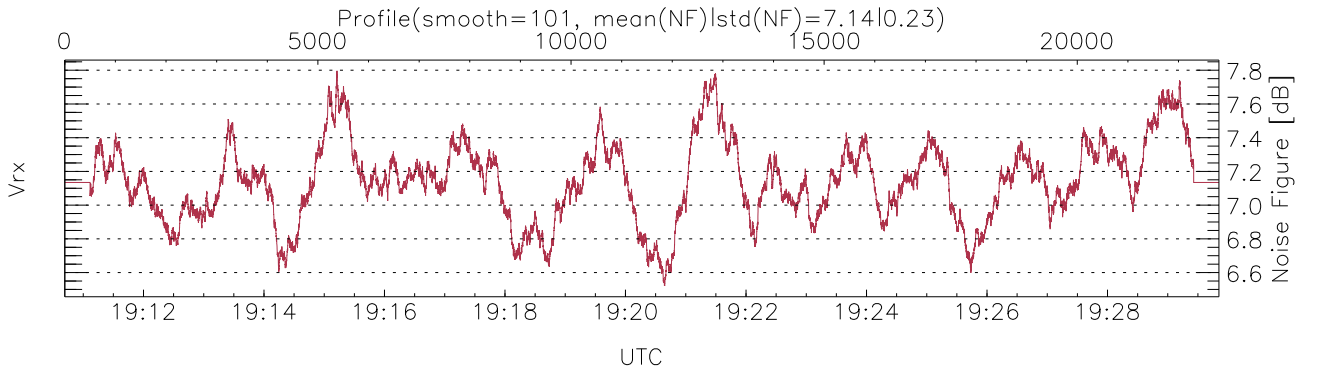
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 19:10:42-19:40:57, Dur: 1815.51s
 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): 22800/36014, 0-22799/19:10:42-19:29:51
 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



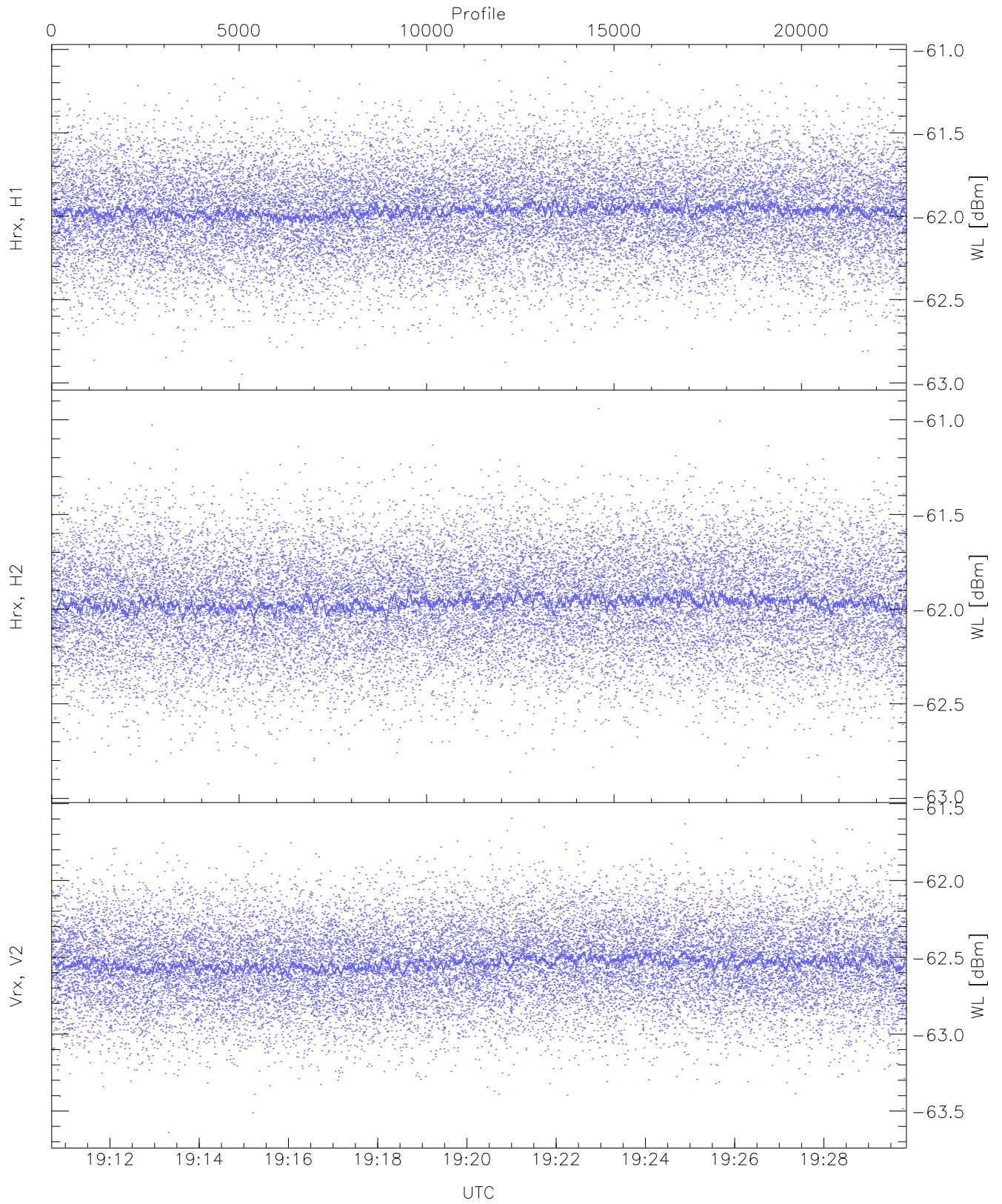
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,17,24,27,28
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,22,30,29,31
 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)



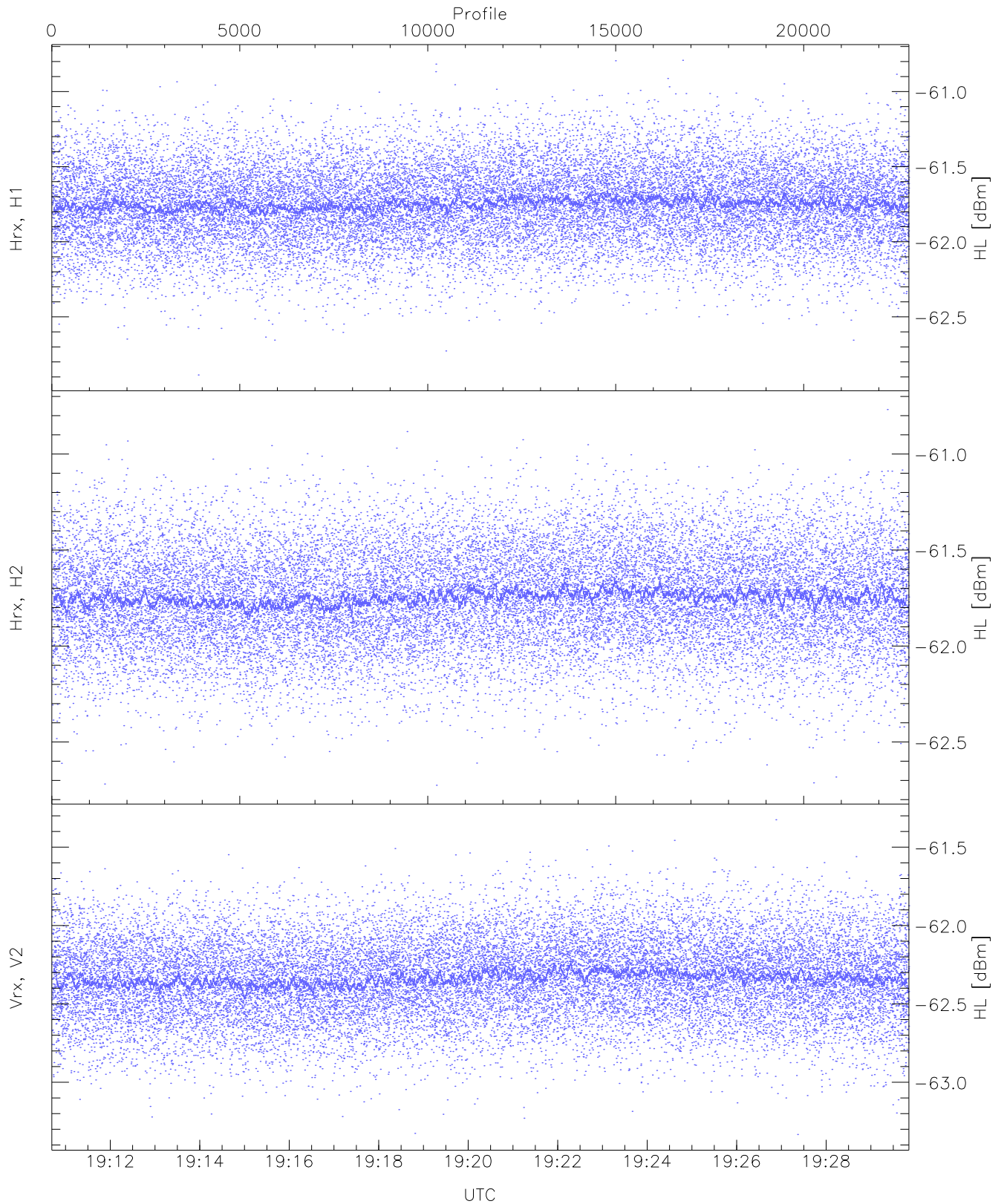
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 19139 pixs, 16 gates, 17542 profs, 2 prods



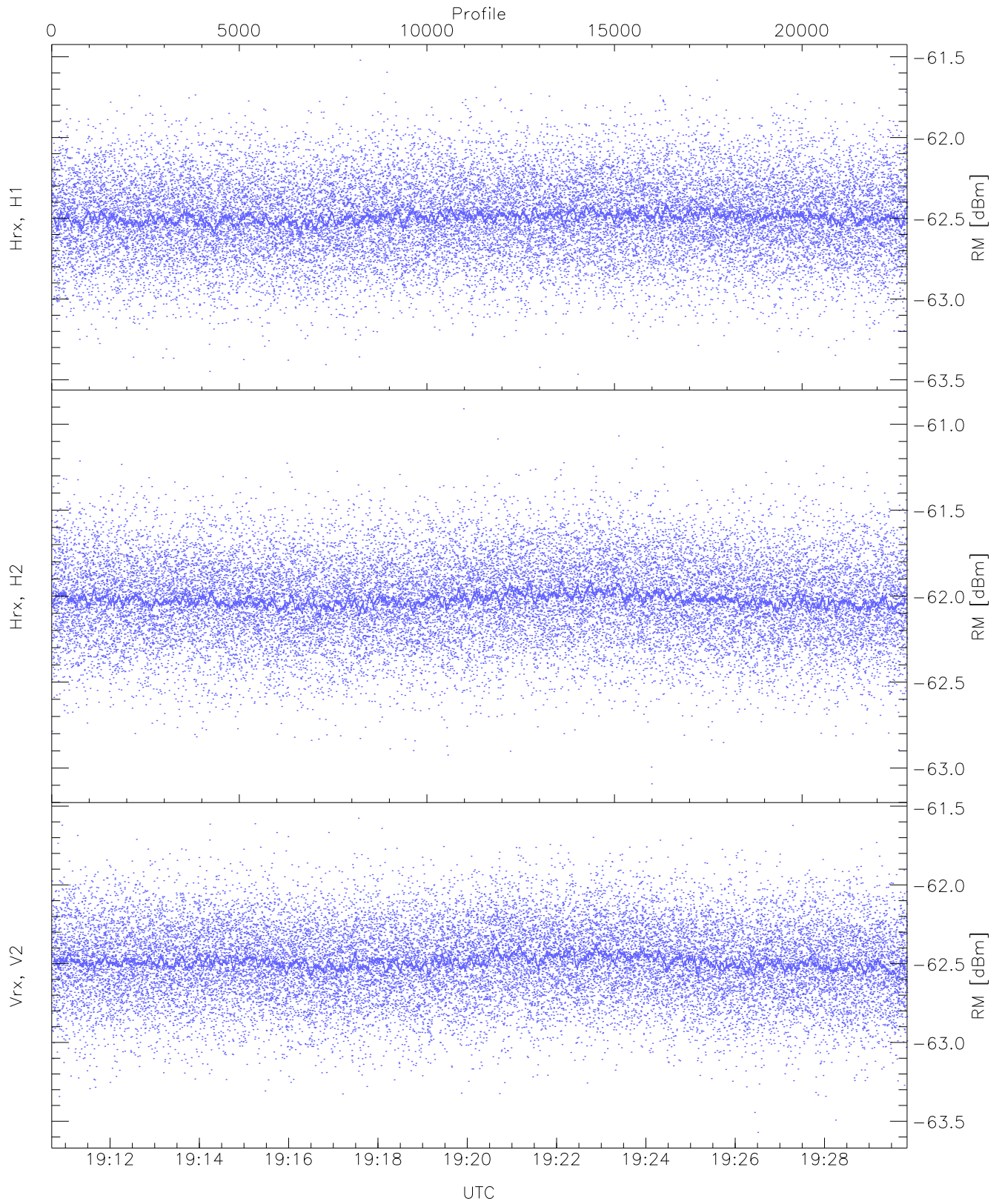
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-62.95	-61.06	-61.97	-61.97	-74.54
Hrx, H2 (WL [dBm])	-62.92	-60.94	-61.96	-61.97	-74.56
Vrx, V2 (WL [dBm])	-63.64	-61.60	-62.54	-62.54	-75.06



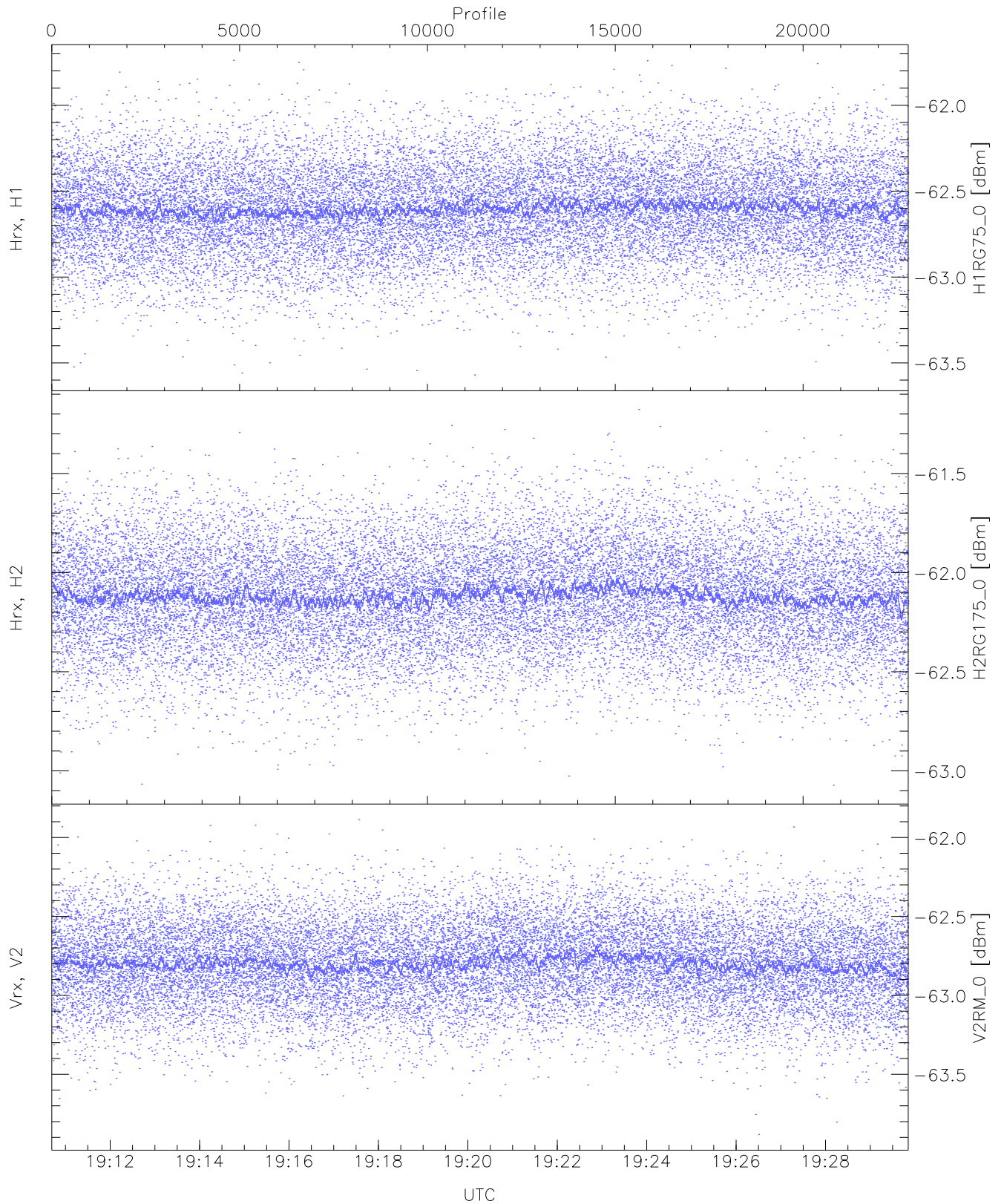
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.89	-60.79	-61.75	-61.75	-74.26
Hrx, H2 (HL [dBm])	-62.73	-60.77	-61.74	-61.75	-74.30
Vrx, V2 (HL [dBm])	-63.33	-61.33	-62.33	-62.34	-74.88



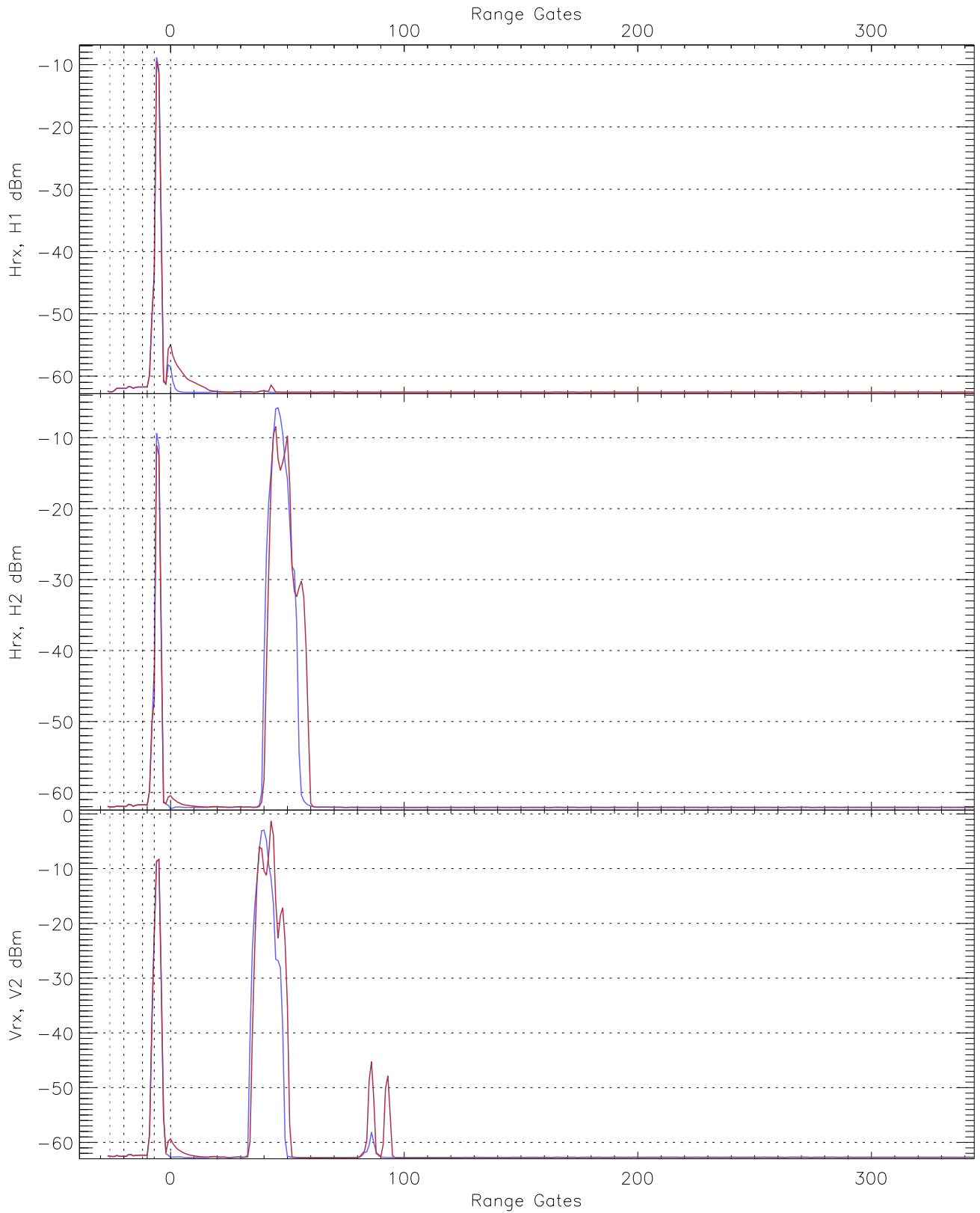
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.47	-61.52	-62.49	-62.49	-75.03
Hrx, H2 (RM [dBm])	-63.09	-60.91	-62.02	-62.02	-74.60
Vrx, V2 (RM [dBm])	-63.57	-61.58	-62.49	-62.49	-75.04

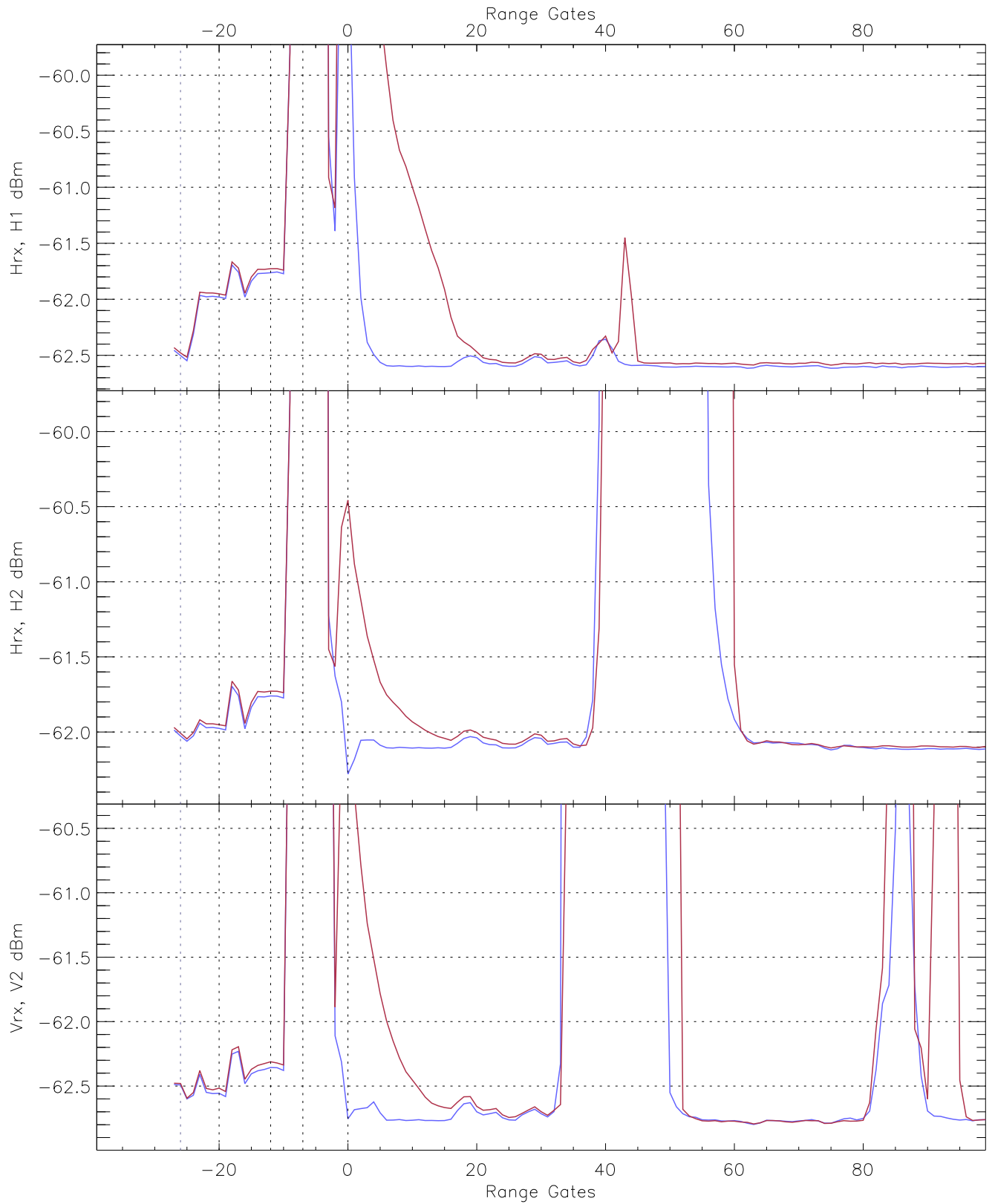


WCR2 CPP "Best" estimate Receivers Noise Power

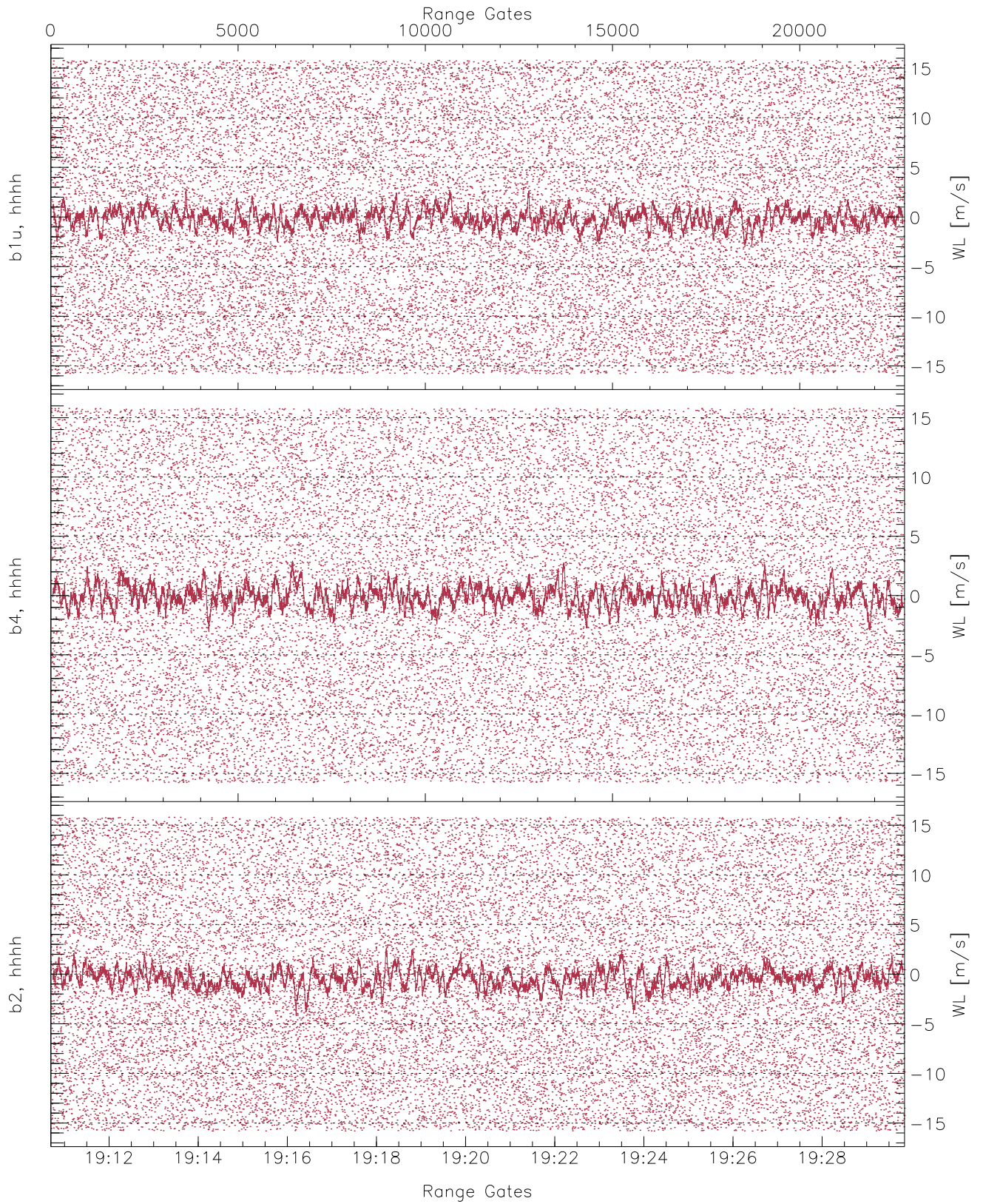
	Min	Max	Mean	Median	StDev
H1RG75_0 [dBm]	-63.57	-61.74	-62.60	-62.61	-75.12
H2RG175_0 [dBm]	-63.07	-61.18	-62.12	-62.12	-74.66
V2RM_0 [dBm]	-63.88	-61.89	-62.80	-62.80	-75.35



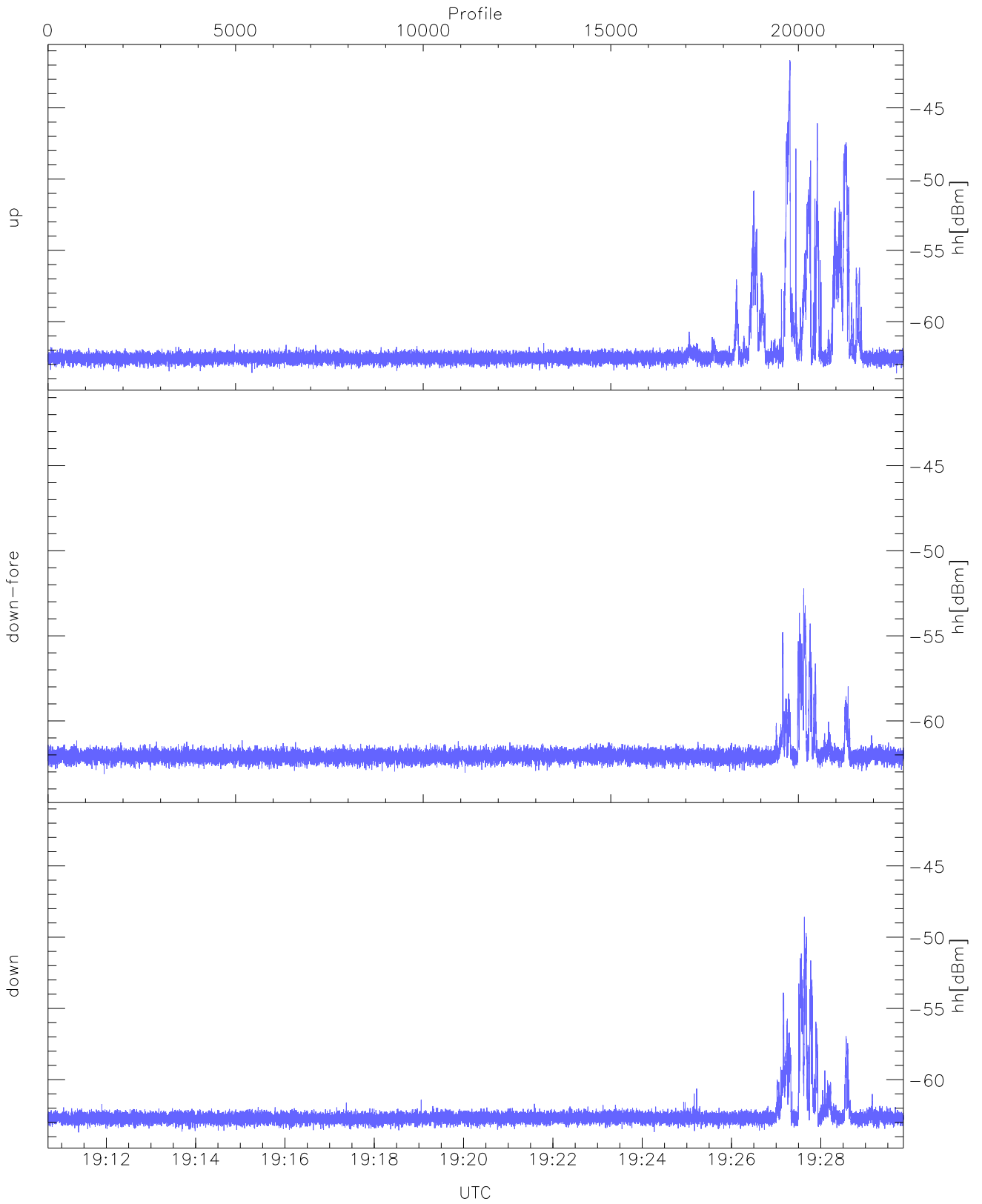
WCR2 CPP Averaged Received power for all recorded gates
blue: 191042-192016, 11401 profiles averaged
red: 192016-192951, 11400 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 191042-192016, 11401 profiles averaged
red: 192016-192951, 11400 profiles averaged

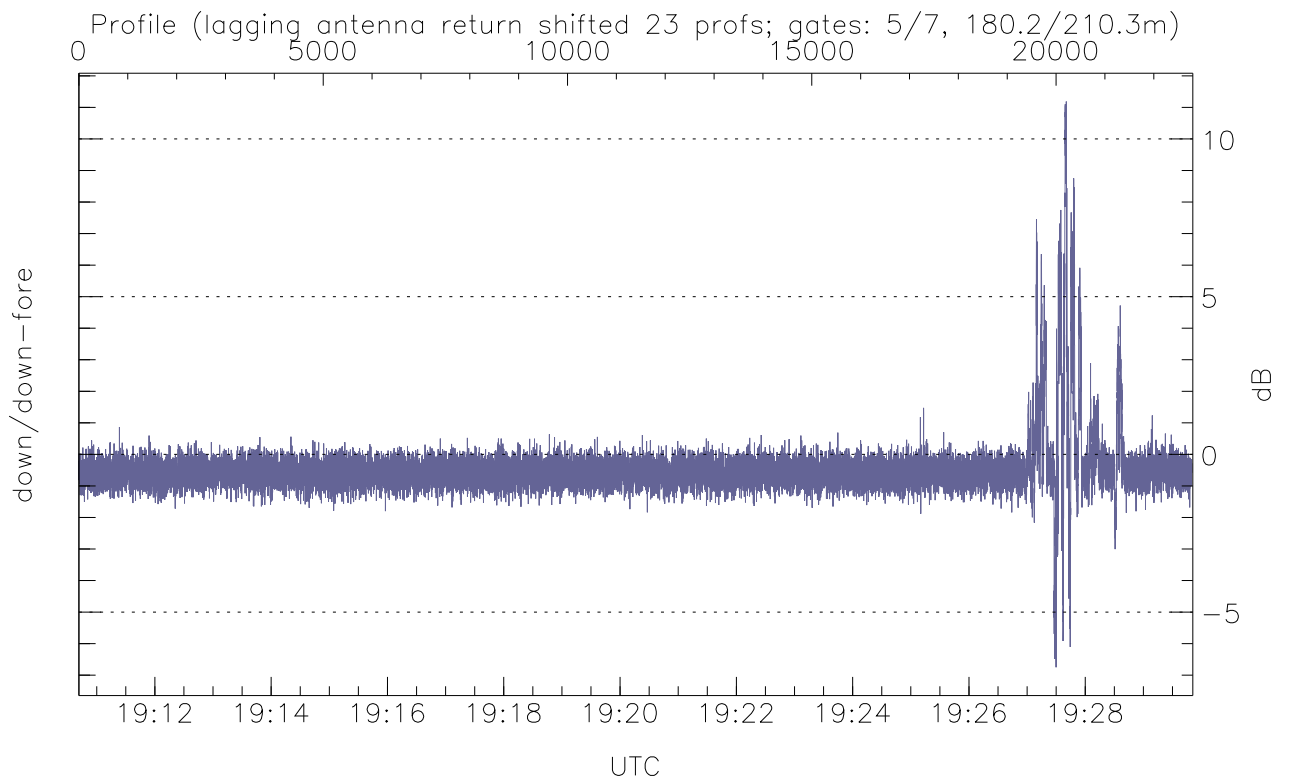
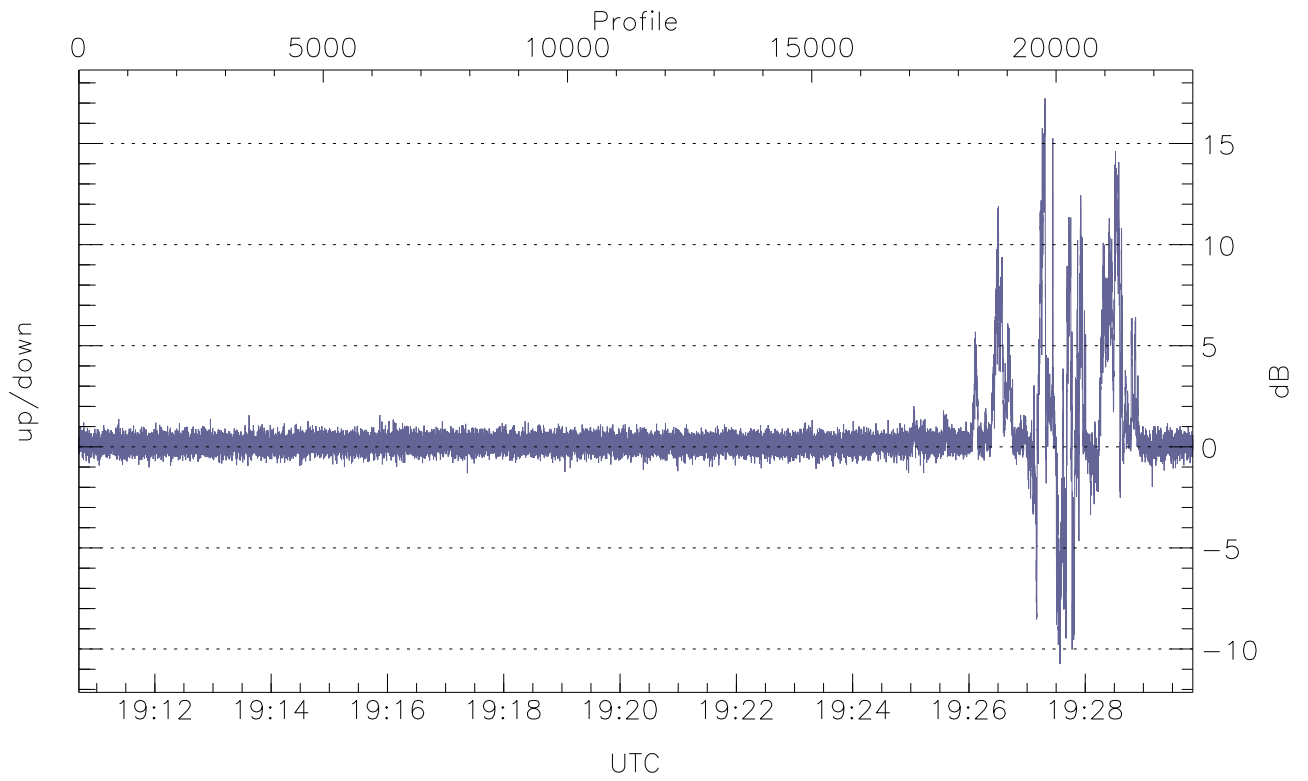


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



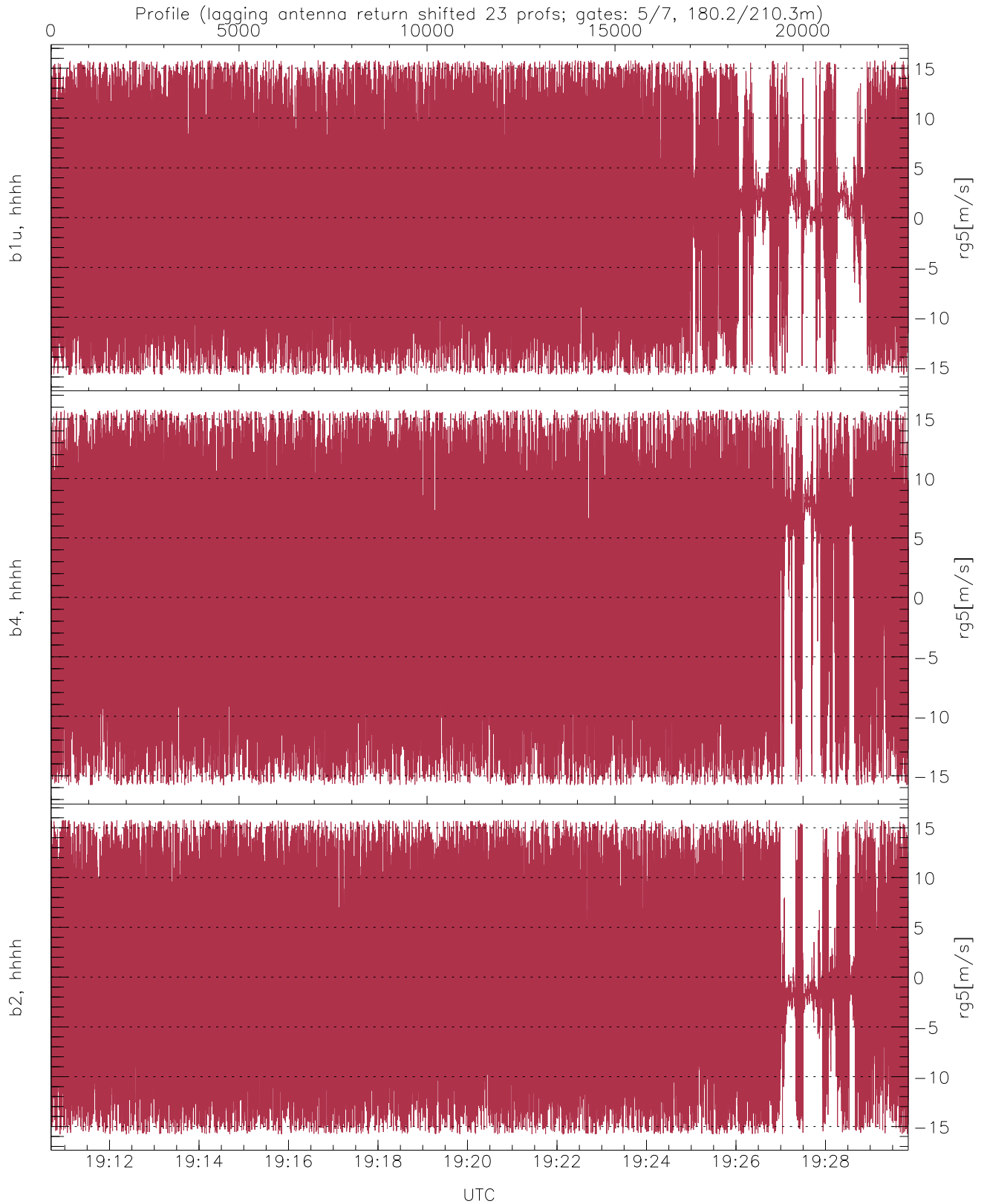
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.61	-41.66	-60.72
down-fore(hh[dBm])	-63.12	-52.22	-61.87
down(hh[dBm])	-63.70	-48.58	-62.22



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

	Min	Max	Mean
up/down (dB)	-10.74	17.24	0.46
down/down-fore (dB)	-6.75	11.19	-0.48



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.80	0.17	8.33
b4, hhhh(rg5[m/s])	-15.80	15.80	0.46	8.85
b2, hhhh(rg5[m/s])	-15.79	15.80	-0.58	8.54