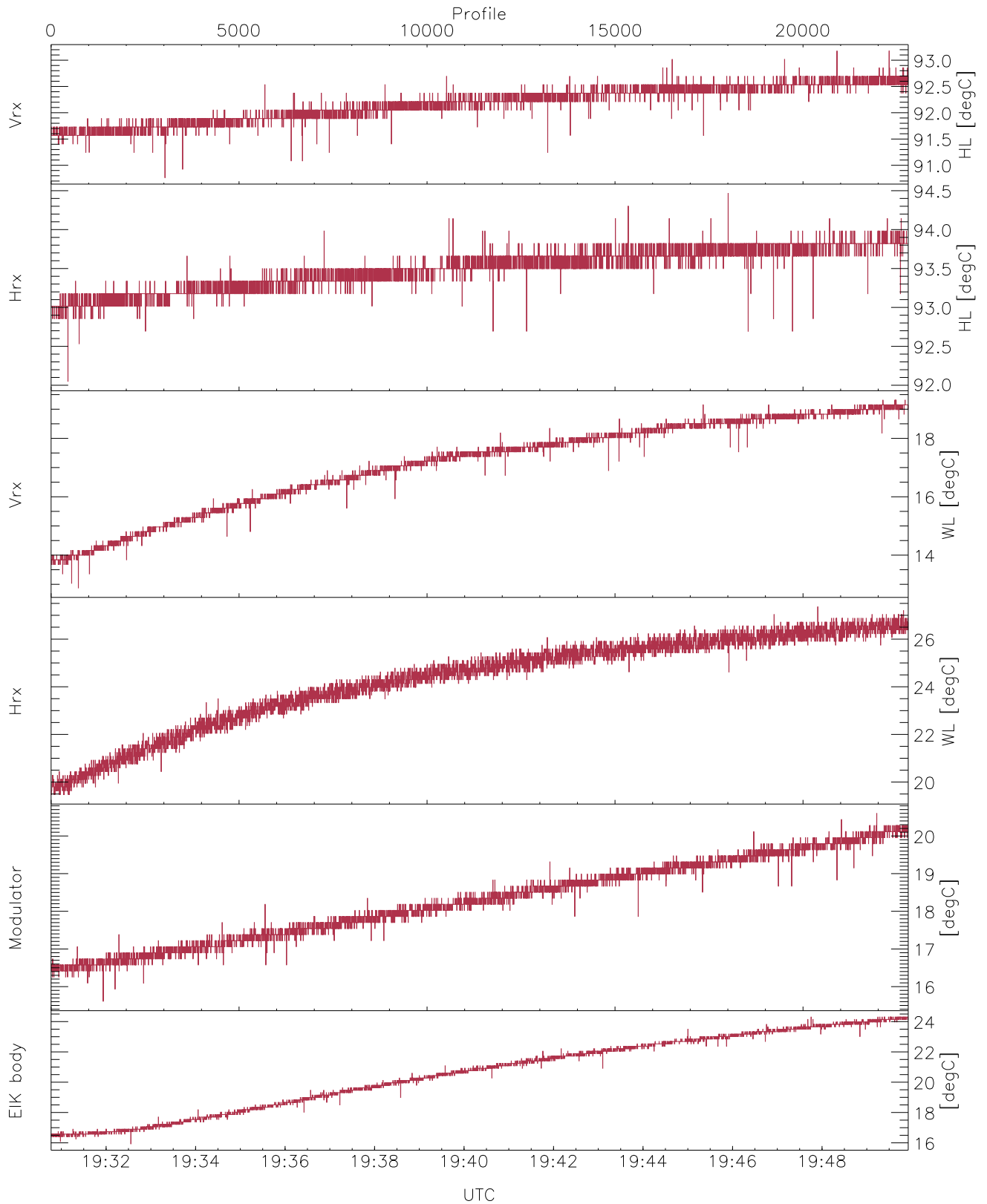


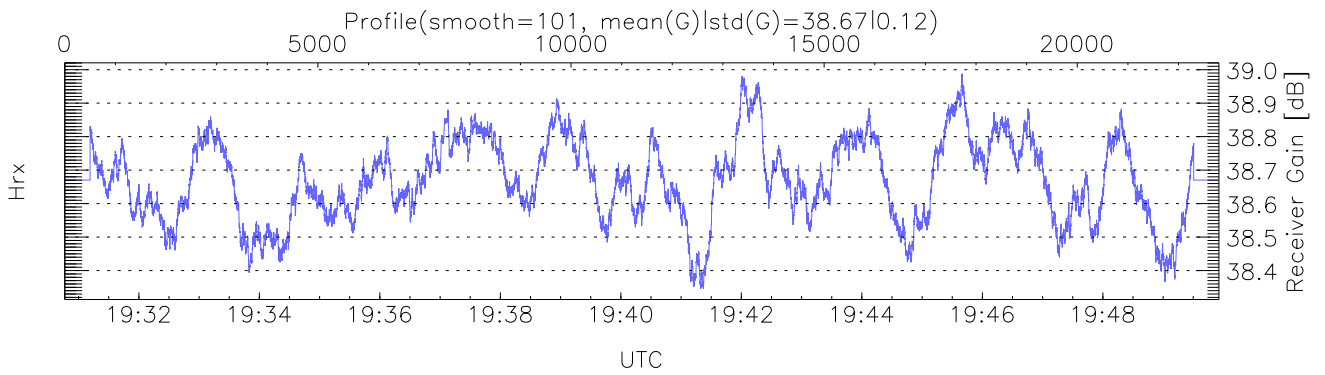
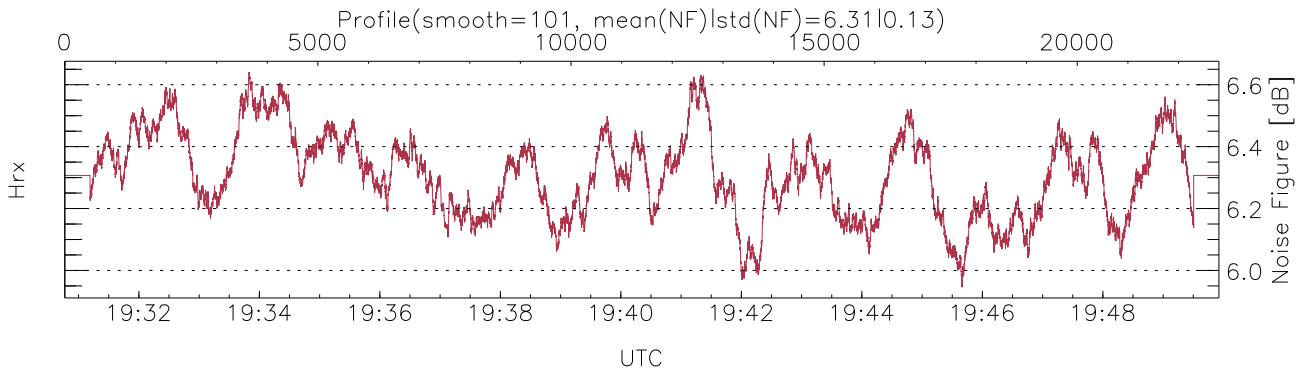
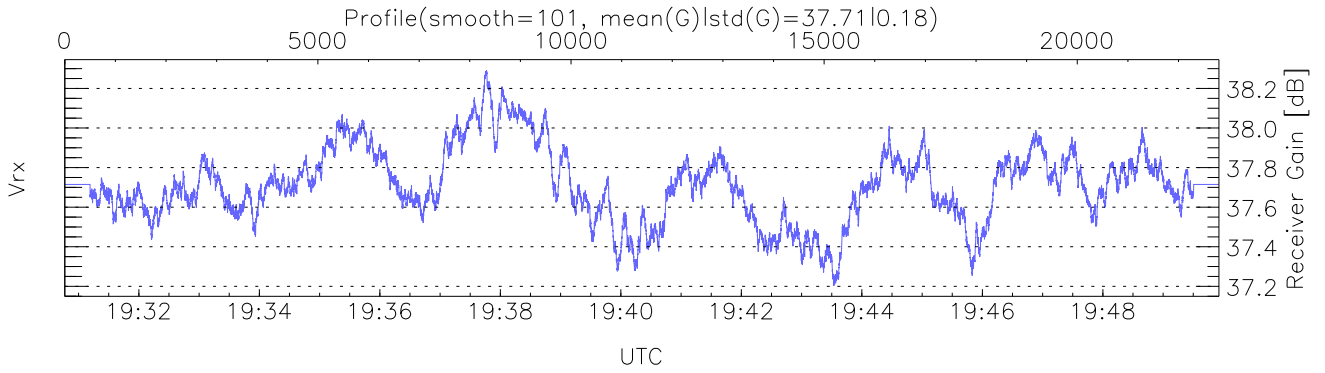
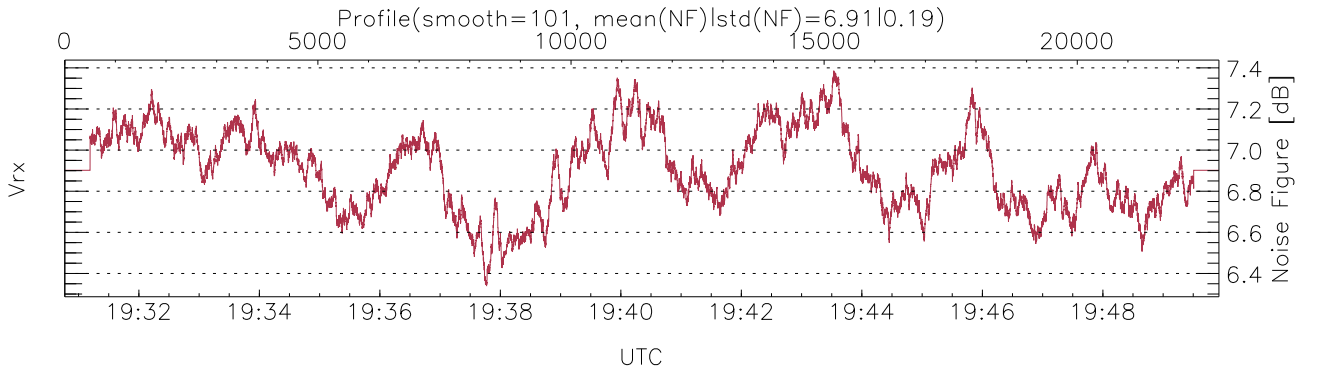
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 19:30:46-20:08:48, Dur: 2281.98s
 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): 22800/45267, 0-22799/19:30:46-19:49:56
 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



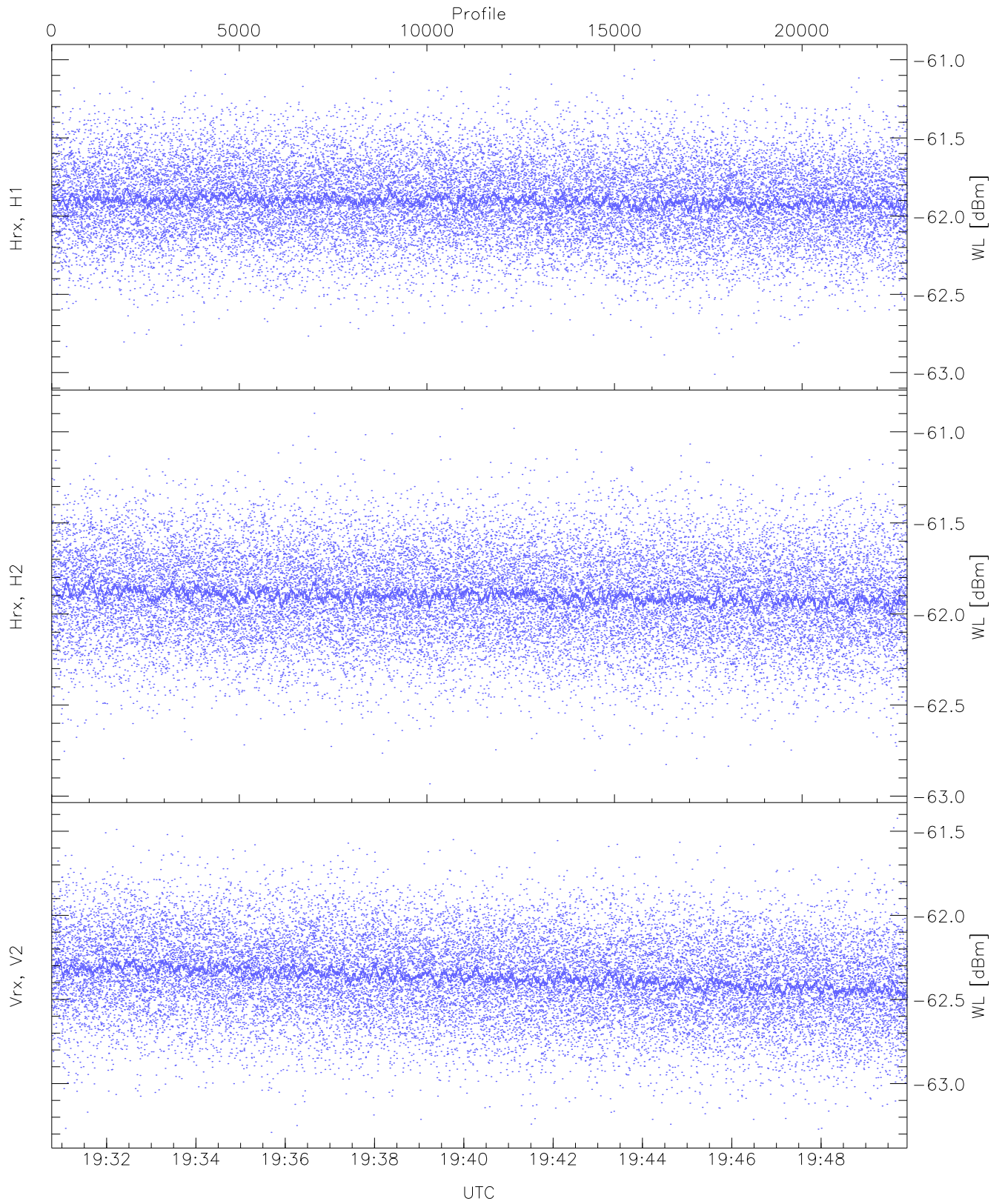
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,12,19,15,15
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,19,27,20,24
 LOalarm(20,80,240,2.8,14.8 MHz): None
 EIK Faults(# prof affected):
 DeckT, CollT, BodyCurr, DeckF, OverDuty, HVPS (12,12,22,22,17,25)



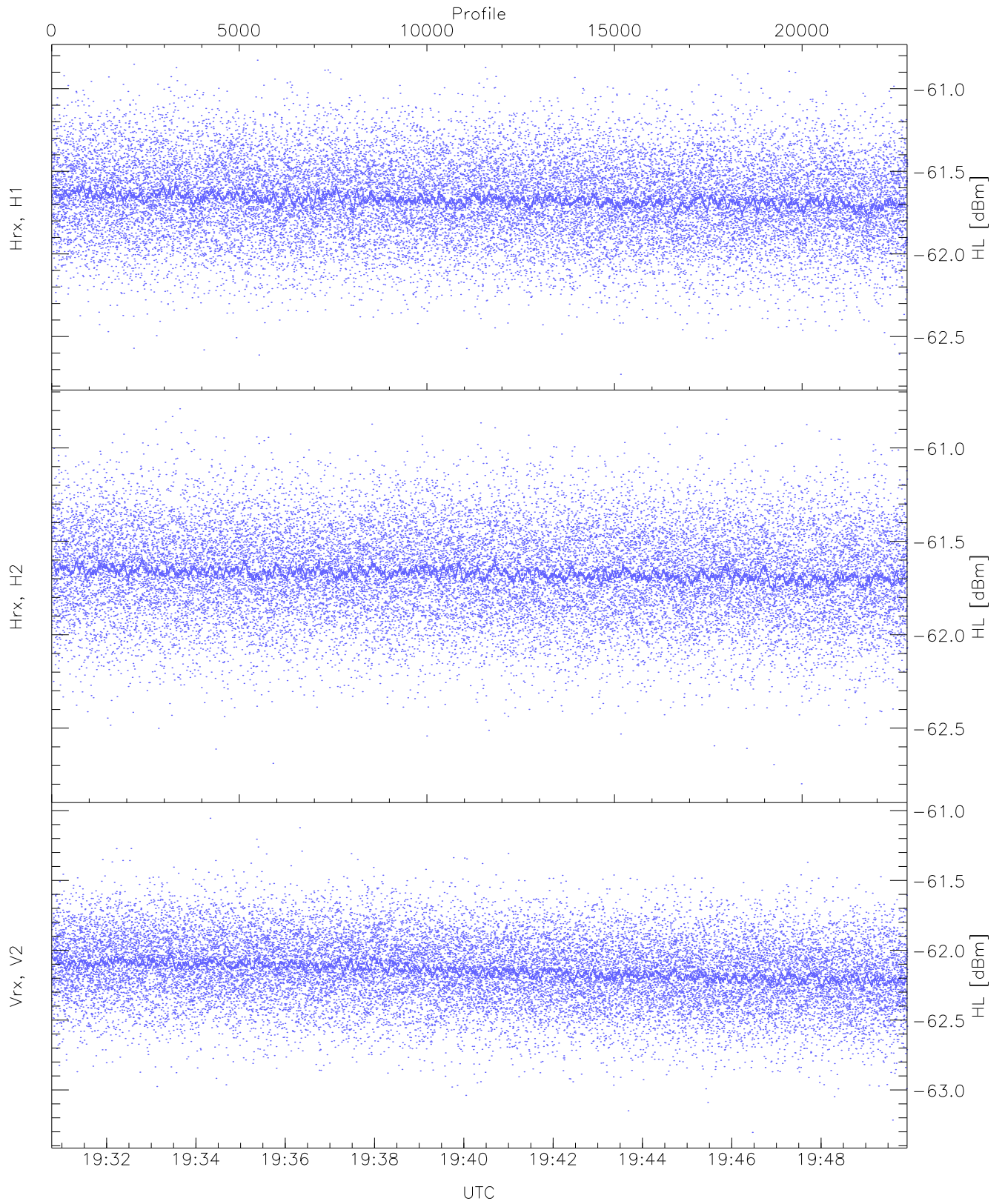
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 2868 pixs, 12 gates, 2675 profs, 1 prods



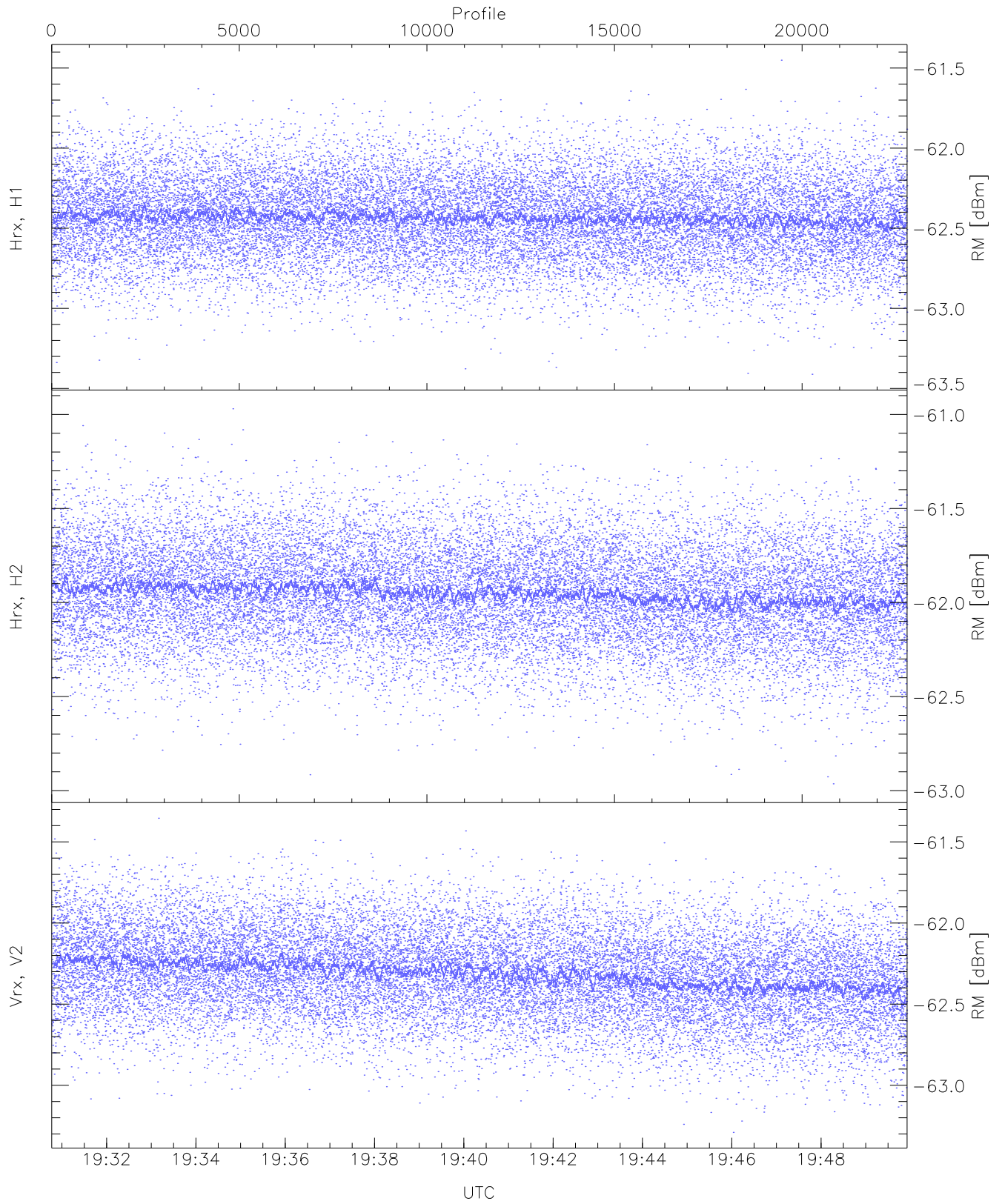
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-63.01	-61.00	-61.90	-61.90	-74.46
Hrx, H2 (WL [dBm])	-62.93	-60.87	-61.90	-61.90	-74.47
Vrx, V2 (WL [dBm])	-63.29	-61.42	-62.37	-62.37	-74.88



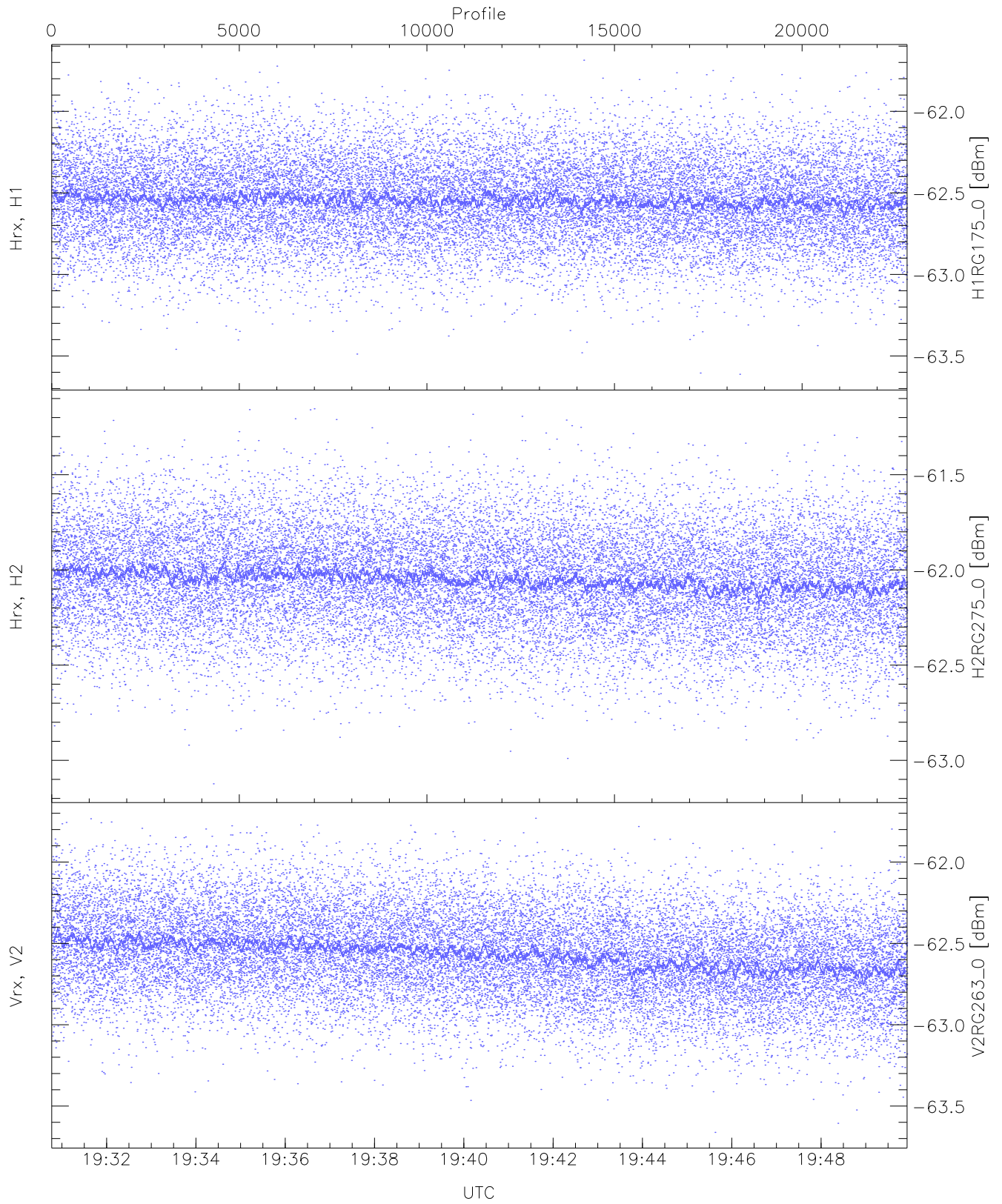
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.73	-60.83	-61.67	-61.67	-74.19
Hrx, H2 (HL [dBm])	-62.80	-60.79	-61.67	-61.67	-74.25
Vrx, V2 (HL [dBm])	-63.30	-61.05	-62.14	-62.15	-74.64



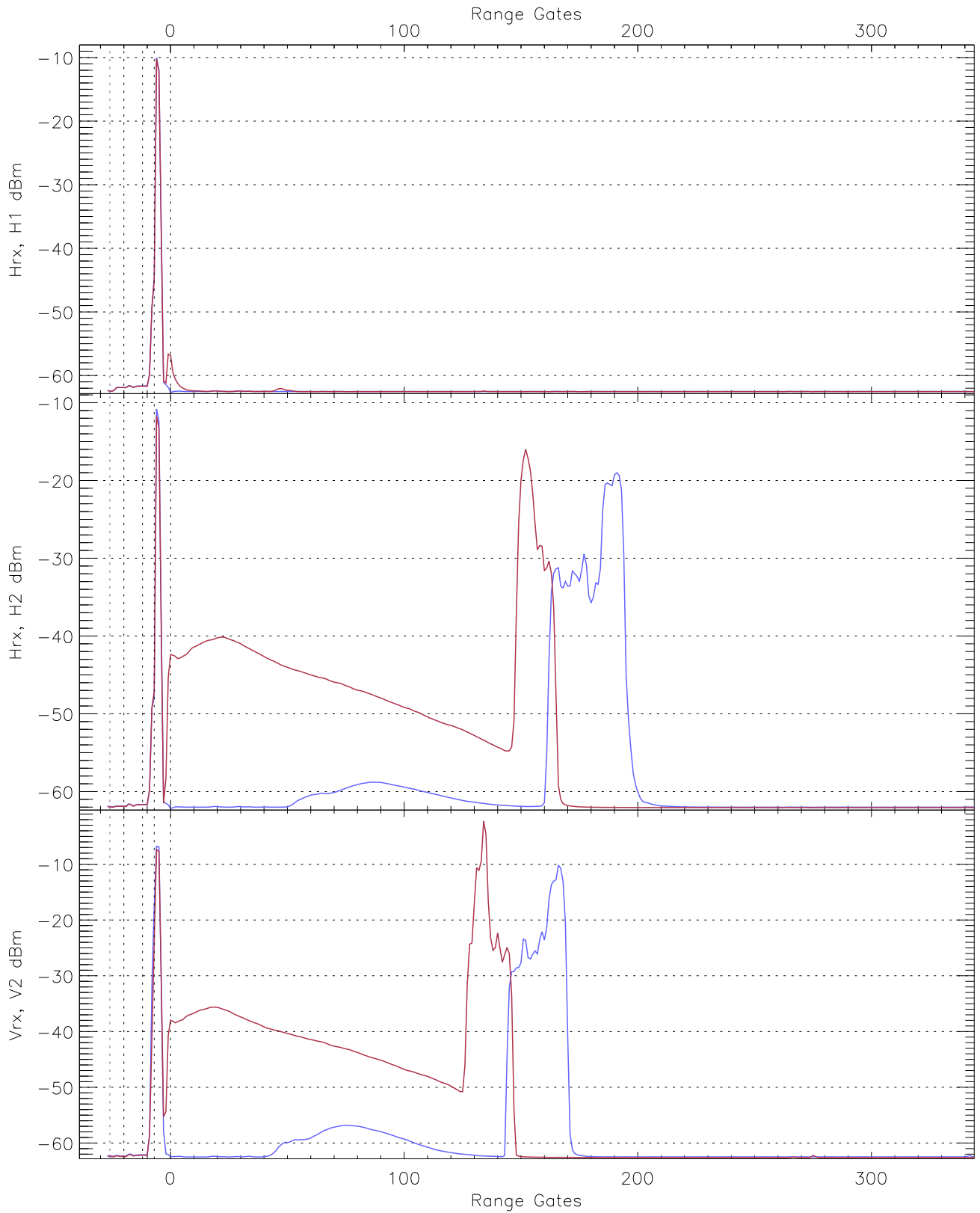
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.41	-61.45	-62.43	-62.44	-75.03
Hrx, H2 (RM [dBm])	-62.96	-60.97	-61.95	-61.95	-74.46
Vrx, V2 (RM [dBm])	-63.29	-61.35	-62.31	-62.32	-74.71

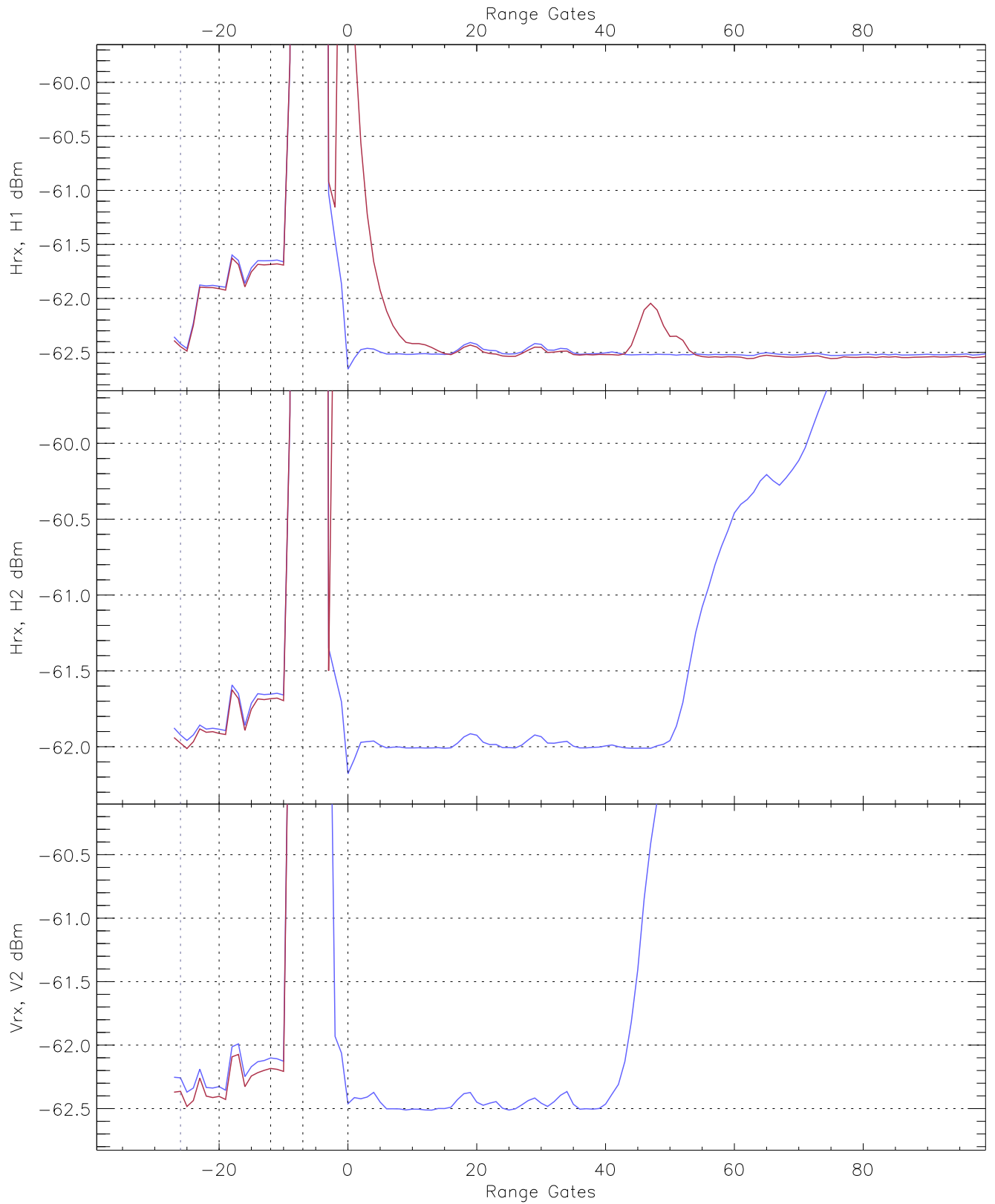


WCR2 CPP "Best" estimate Receivers Noise Power

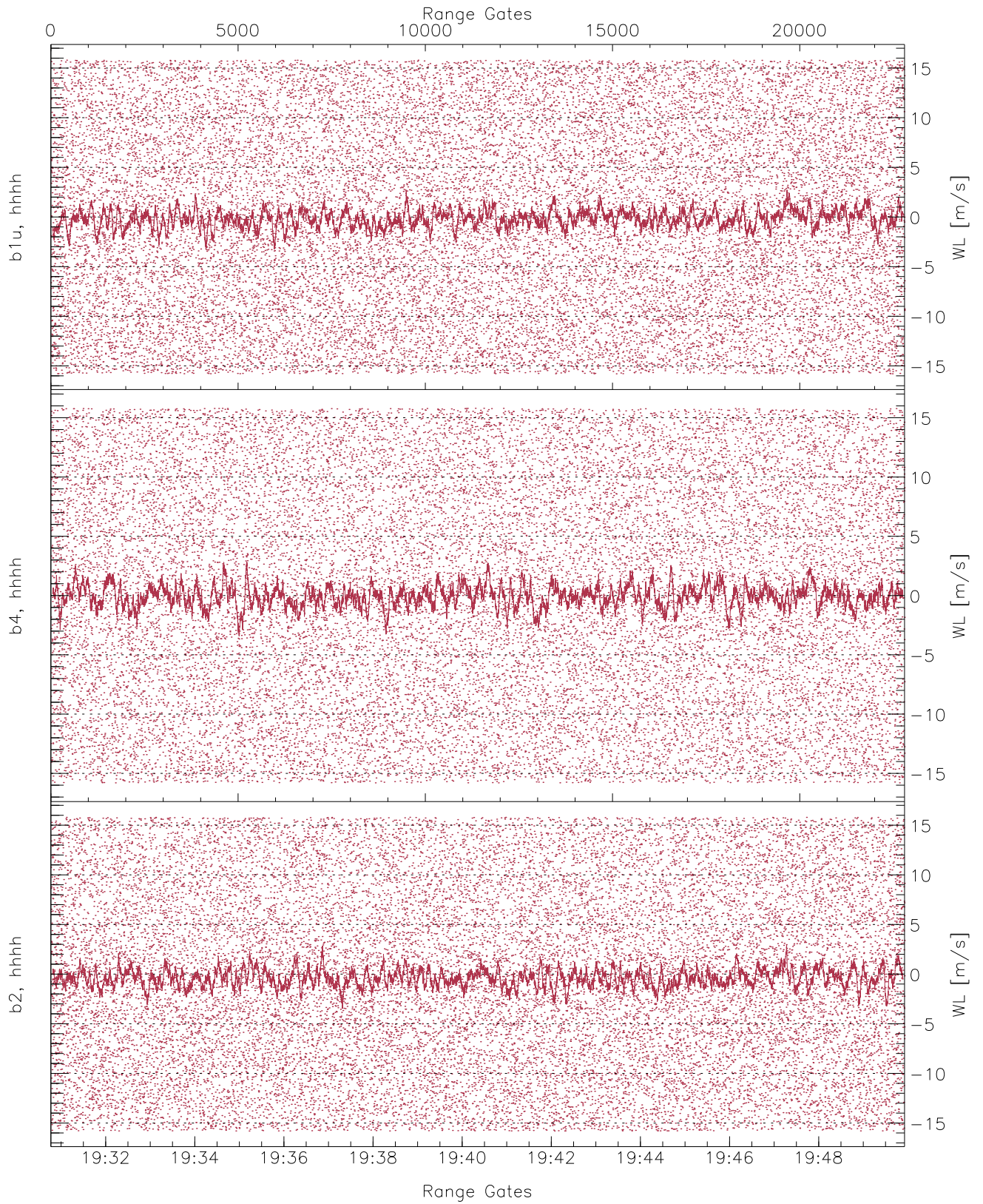
	Min	Max	Mean	Median	StDev
H1RG175_0 [dBm]	-63.61	-61.69	-62.54	-62.55	-75.11
H2RG275_0 [dBm]	-63.12	-61.15	-62.05	-62.05	-74.57
V2RG263_0 [dBm]	-63.66	-61.73	-62.57	-62.57	-74.93



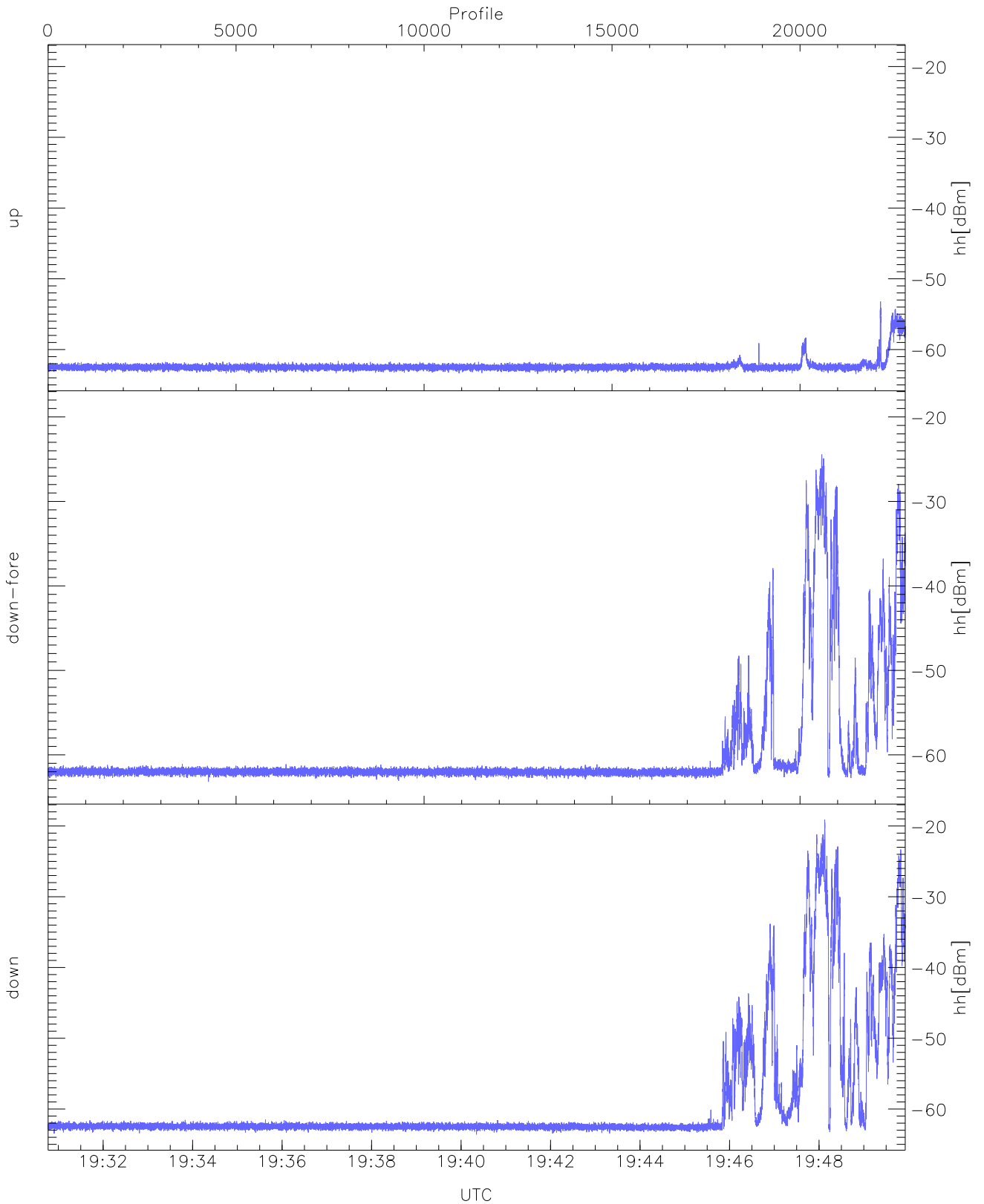
WCR2 CPP Averaged Received power for all recorded gates
blue: 193046-194021, 11401 profiles averaged
red: 194021-194956, 11400 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 193046-194021, 11401 profiles averaged
red: 194021-194956, 11400 profiles averaged

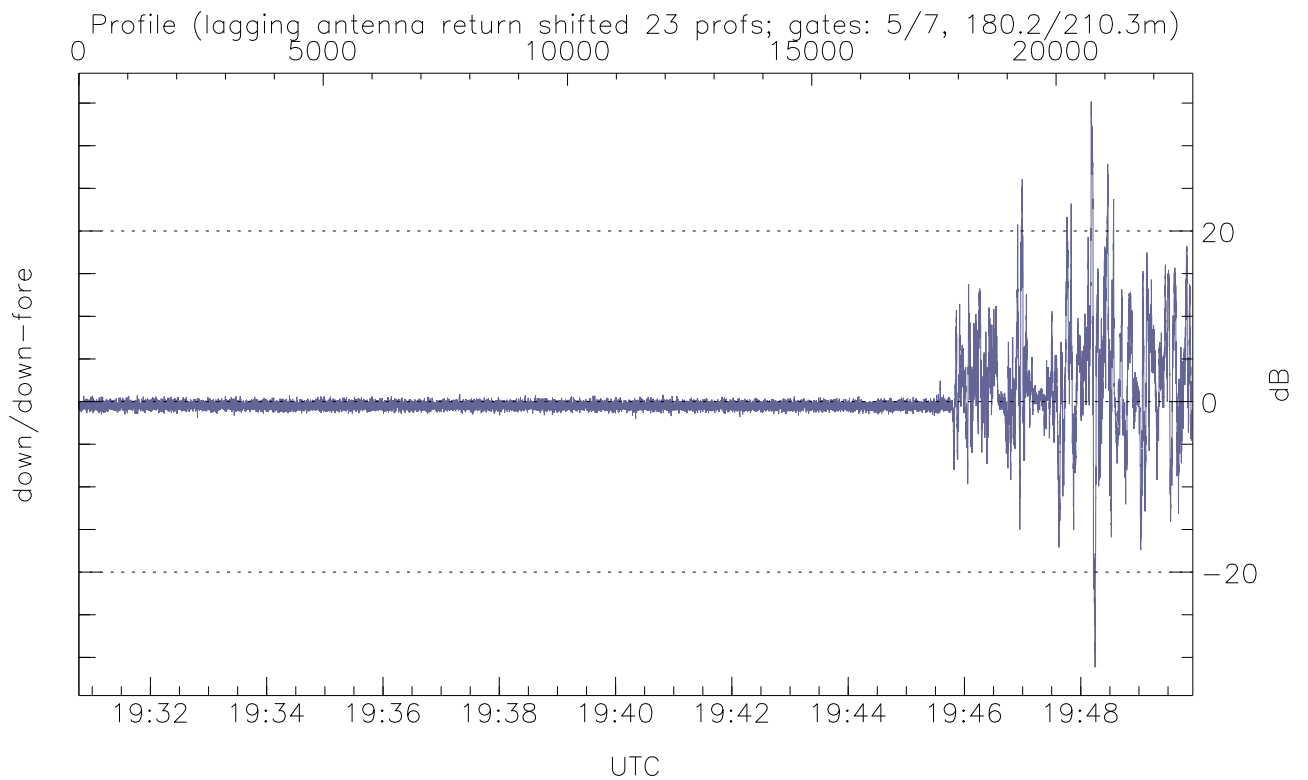
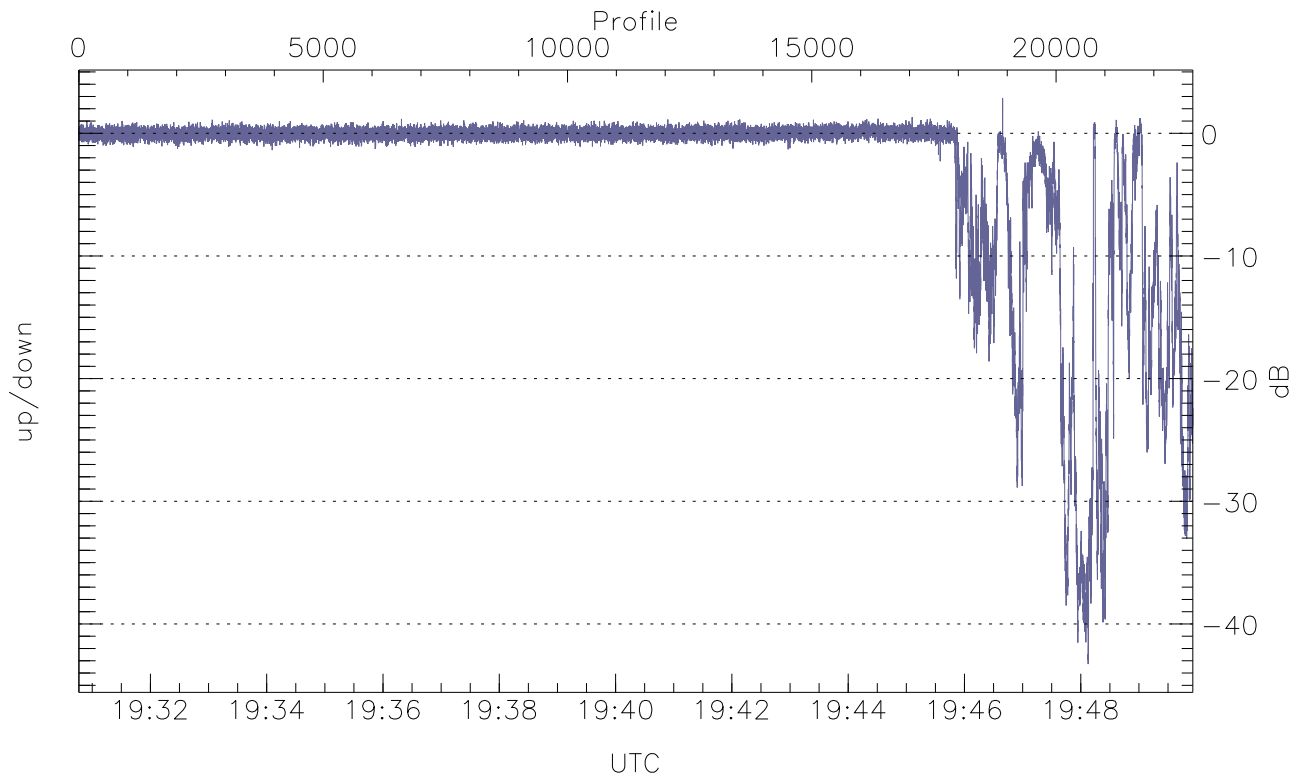


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



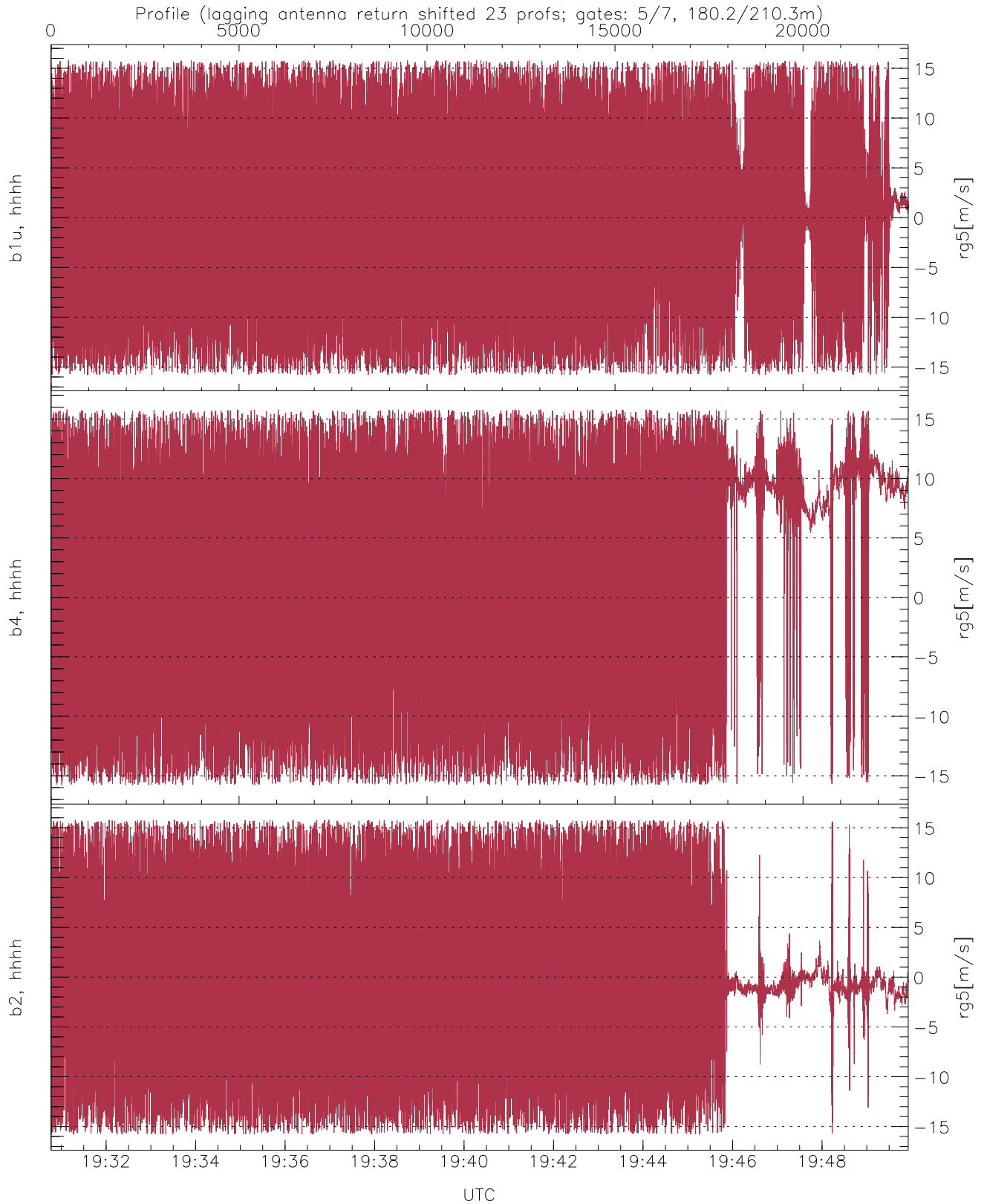
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.48	-53.20	-62.20
down-fore(hh[dBm])	-63.18	-24.43	-45.61
down(hh[dBm])	-63.60	-19.12	-40.93



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

	Min	Max	Mean
up/down (dB)	-43.27	2.85	-3.00
down/down-fore (dB)	-31.16	35.19	0.18



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.80	-0.05	8.60
b4, hhhh(rg5[m/s])	-15.80	15.80	1.75	9.01
b2, hhhh(rg5[m/s])	-15.80	15.80	-0.49	7.92