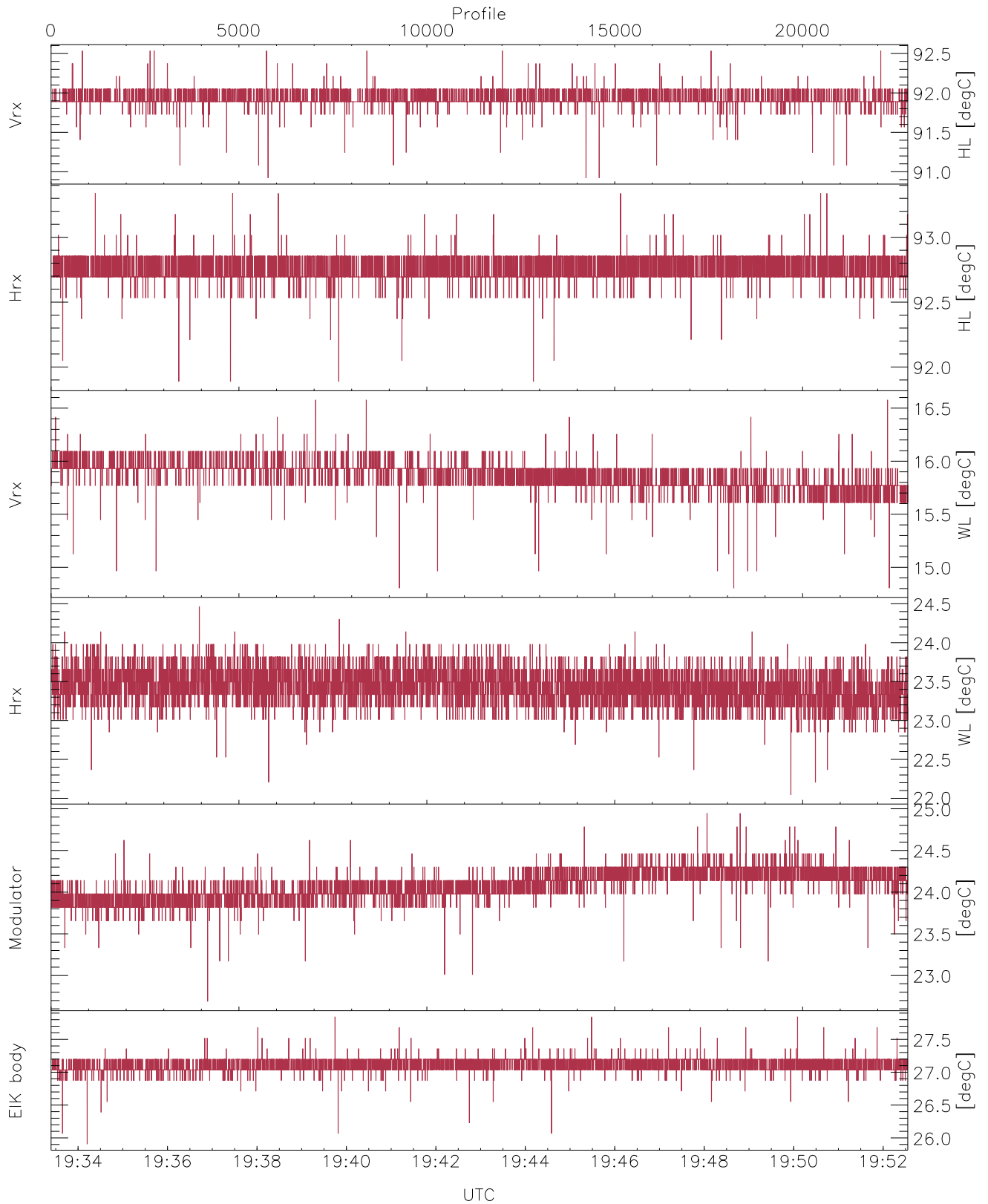


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

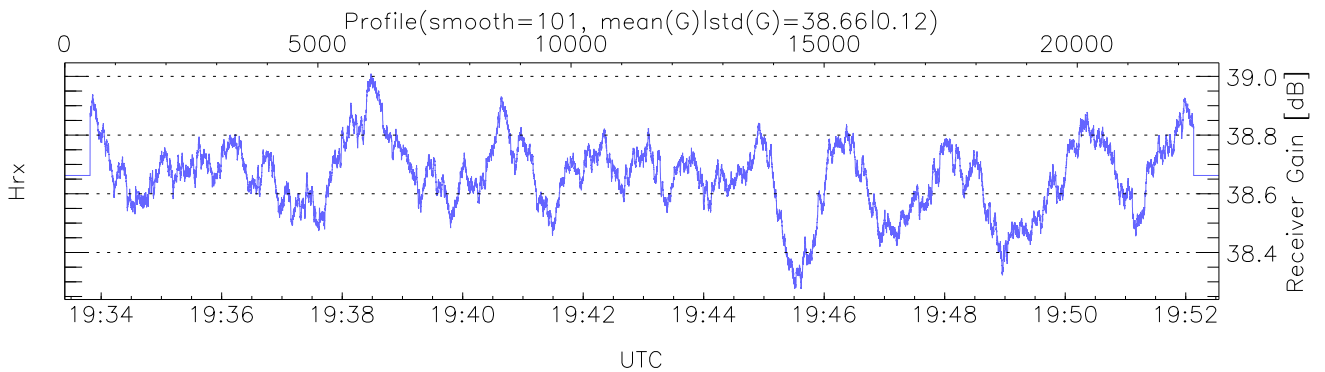
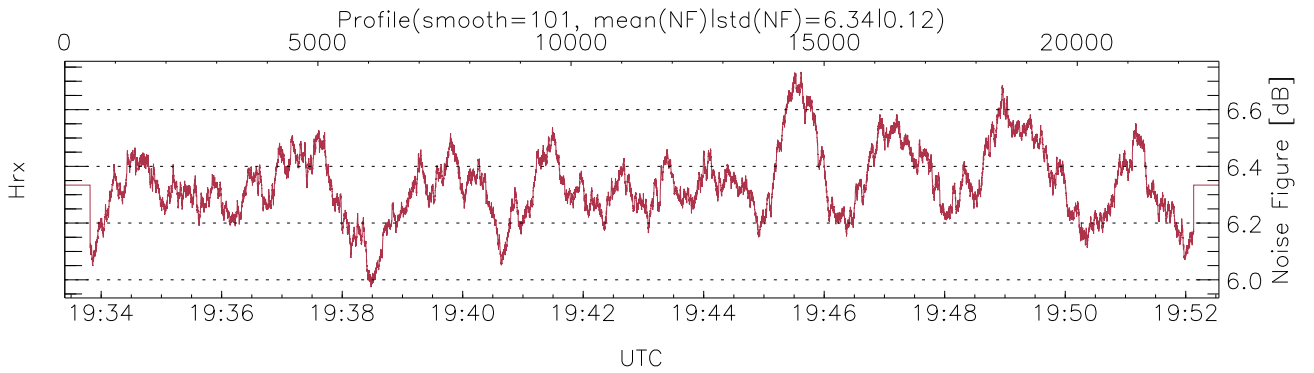
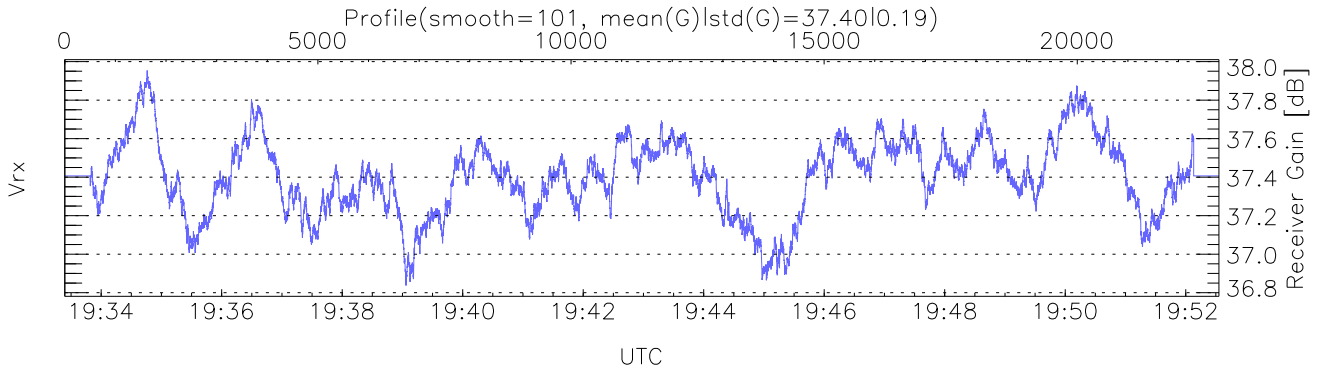
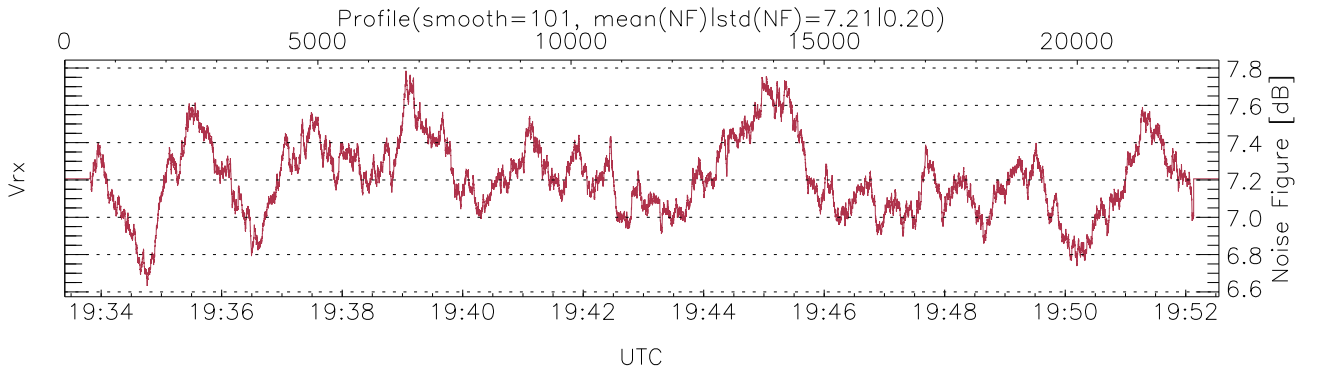
UTC: 19:33:24-19:58:57, Dur: 1533.25s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
 NumRec(r/t): 22800/30415, 0-22799/19:33:24-19:52:33
 AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
 Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 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

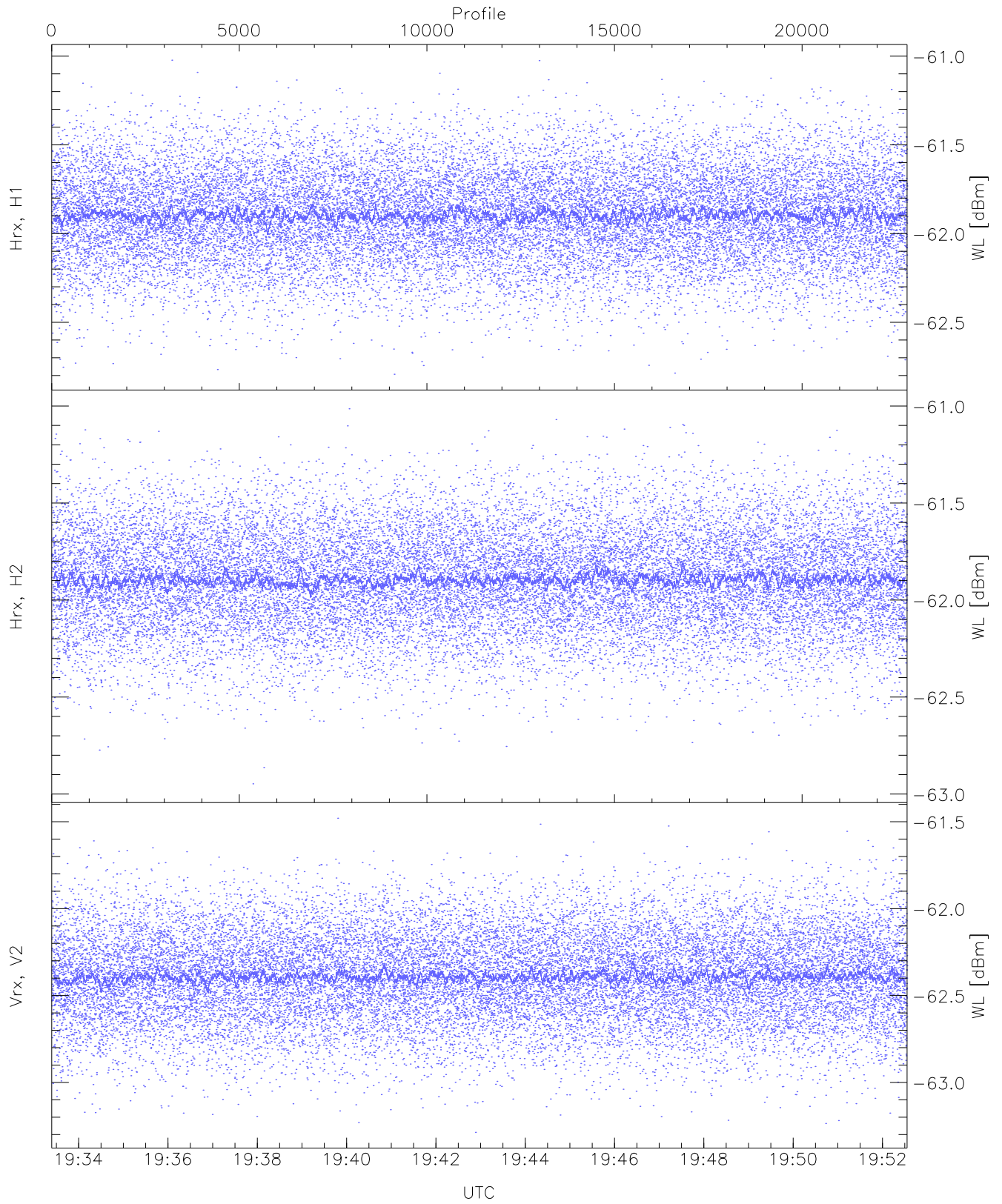
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,14,22,22,25
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,16,24,24,27
 LOalarm(20,80,240,2.8,14.8 MHz): None

EIK Faults(# prof affected):
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (10,10,16,16,10,5)



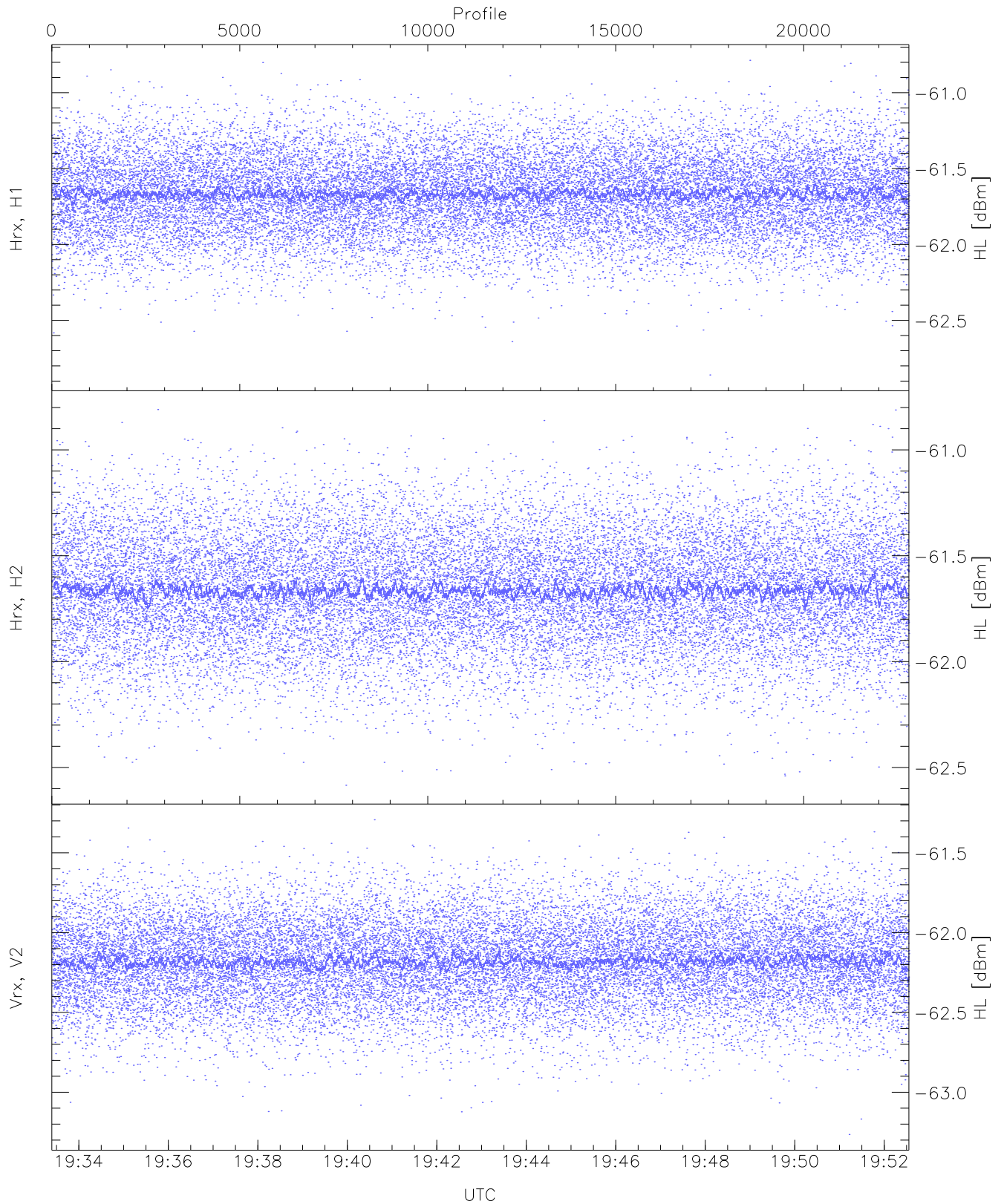
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 7204 pixs, 18 gates, 6927 profs, 2 prods



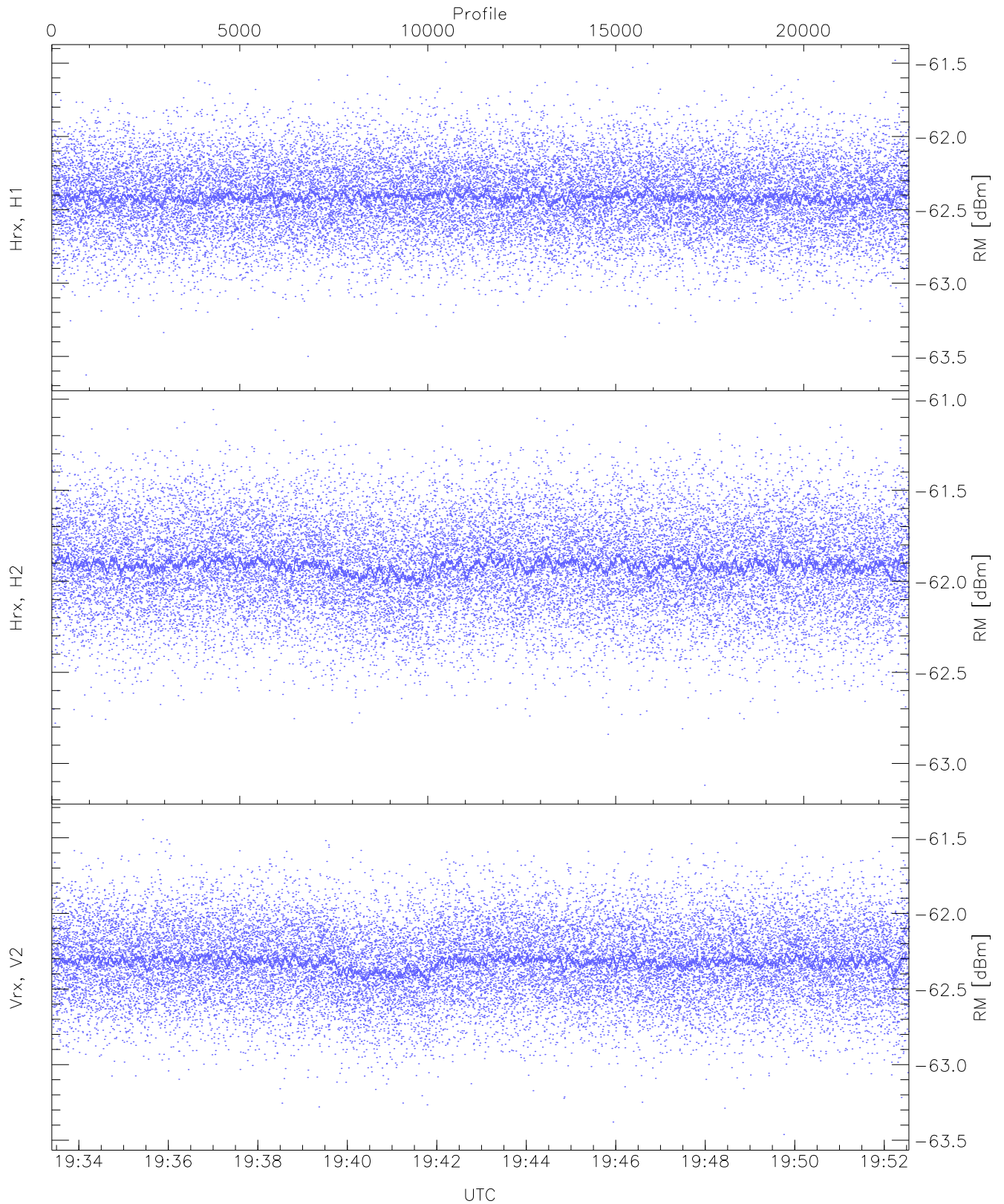
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-62.79	-61.02	-61.89	-61.90	-74.47
Hrx, H2 (WL [dBm])	-62.95	-61.01	-61.89	-61.90	-74.48
Vrx, V2 (WL [dBm])	-63.29	-61.48	-62.39	-62.39	-74.96



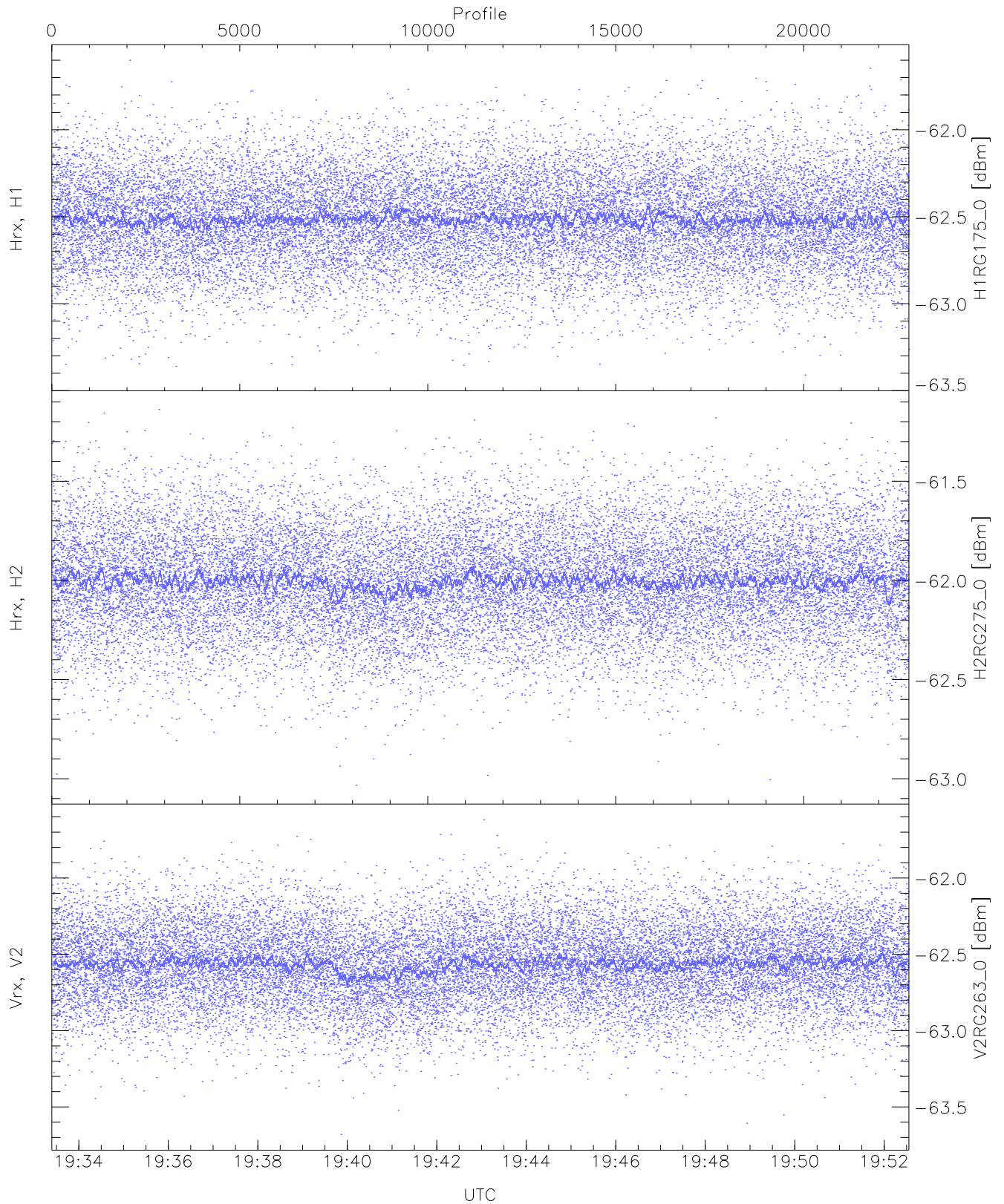
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.86	-60.79	-61.66	-61.67	-74.23
Hrx, H2 (HL [dBm])	-62.58	-60.81	-61.66	-61.67	-74.24
Vrx, V2 (HL [dBm])	-63.26	-61.29	-62.18	-62.18	-74.77



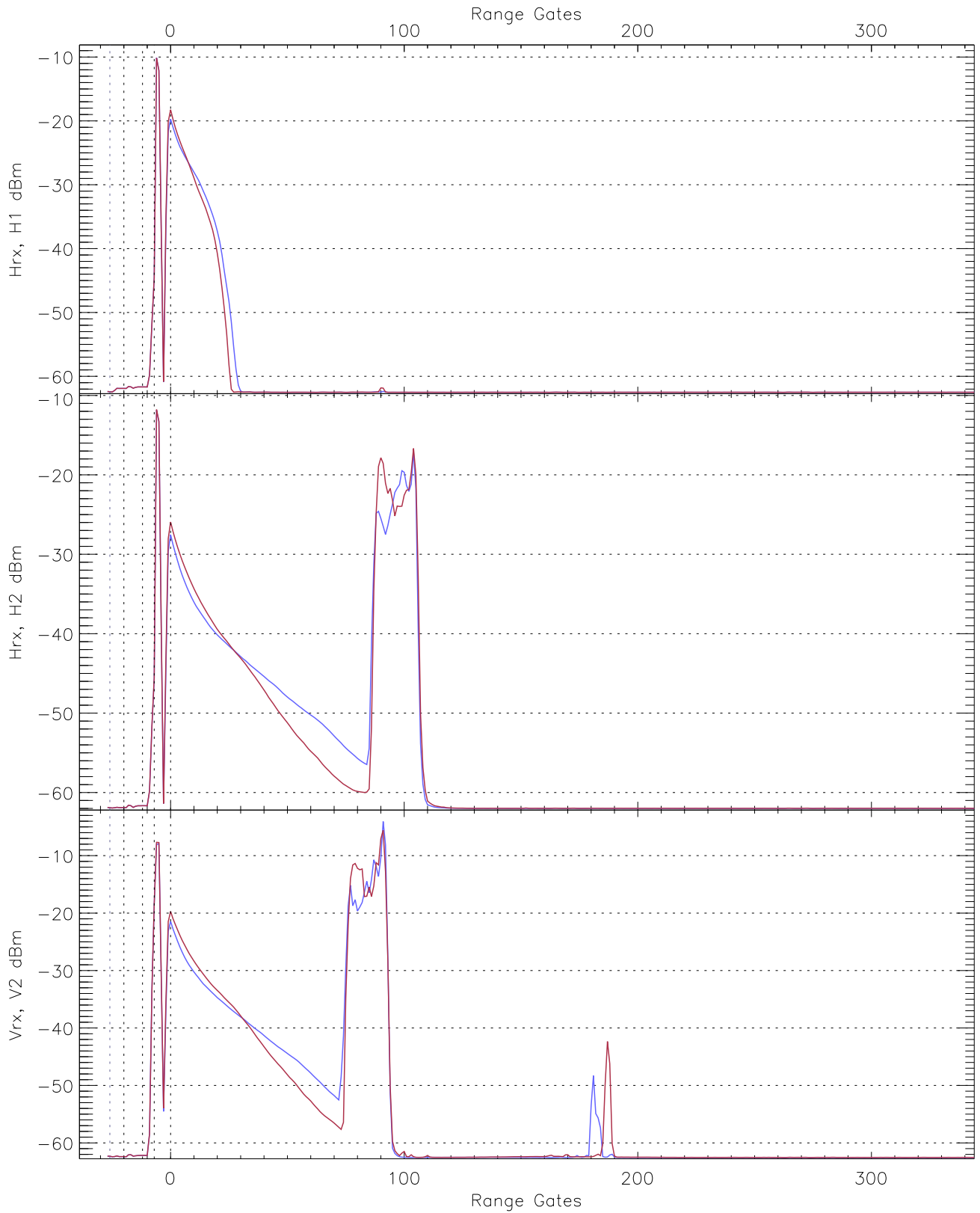
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.63	-61.48	-62.41	-62.41	-74.96
Hrx, H2 (RM [dBm])	-63.12	-61.06	-61.91	-61.91	-74.46
Vrx, V2 (RM [dBm])	-63.46	-61.38	-62.32	-62.32	-74.84

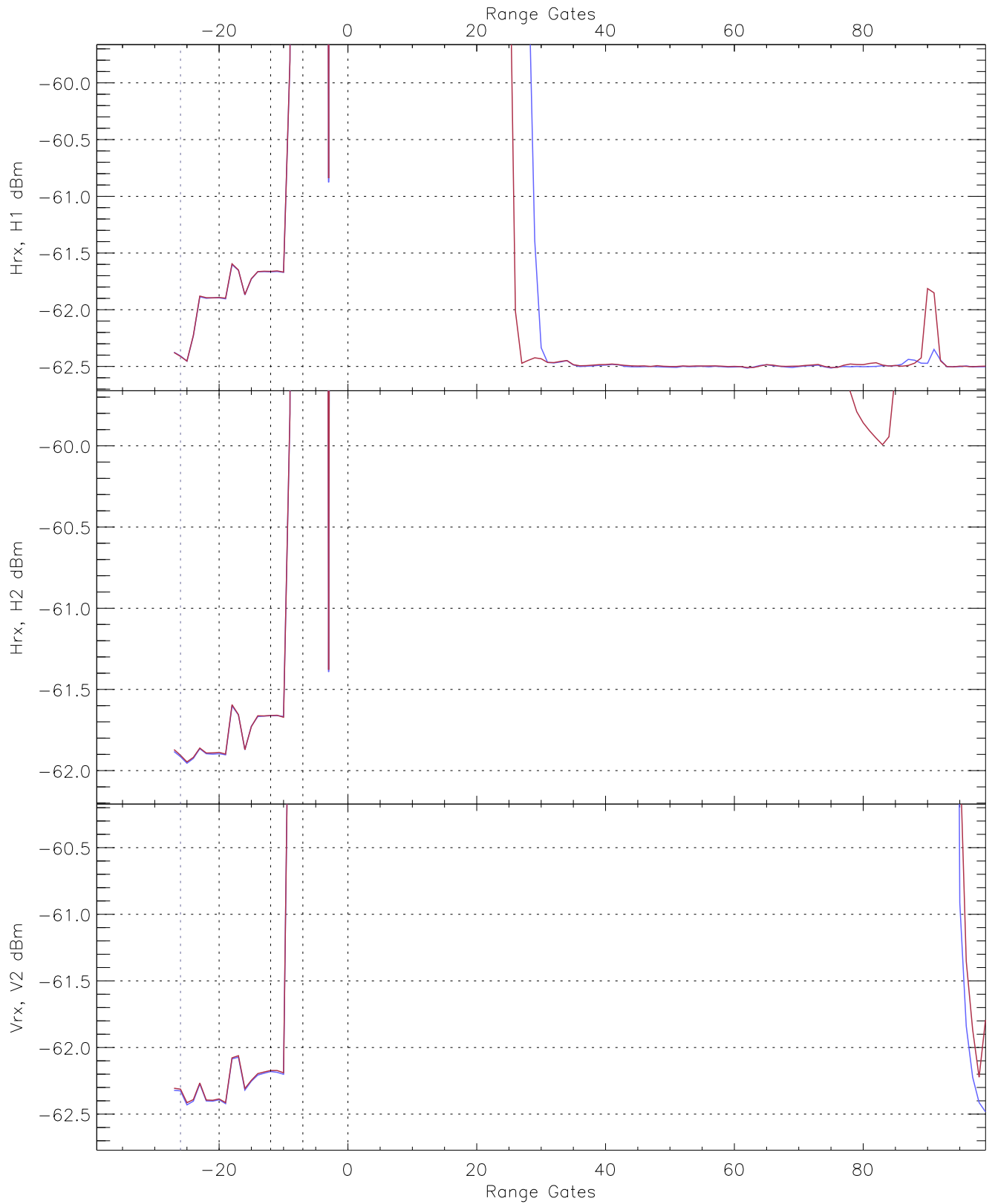


WCR2 CPP "Best" estimate Receivers Noise Power

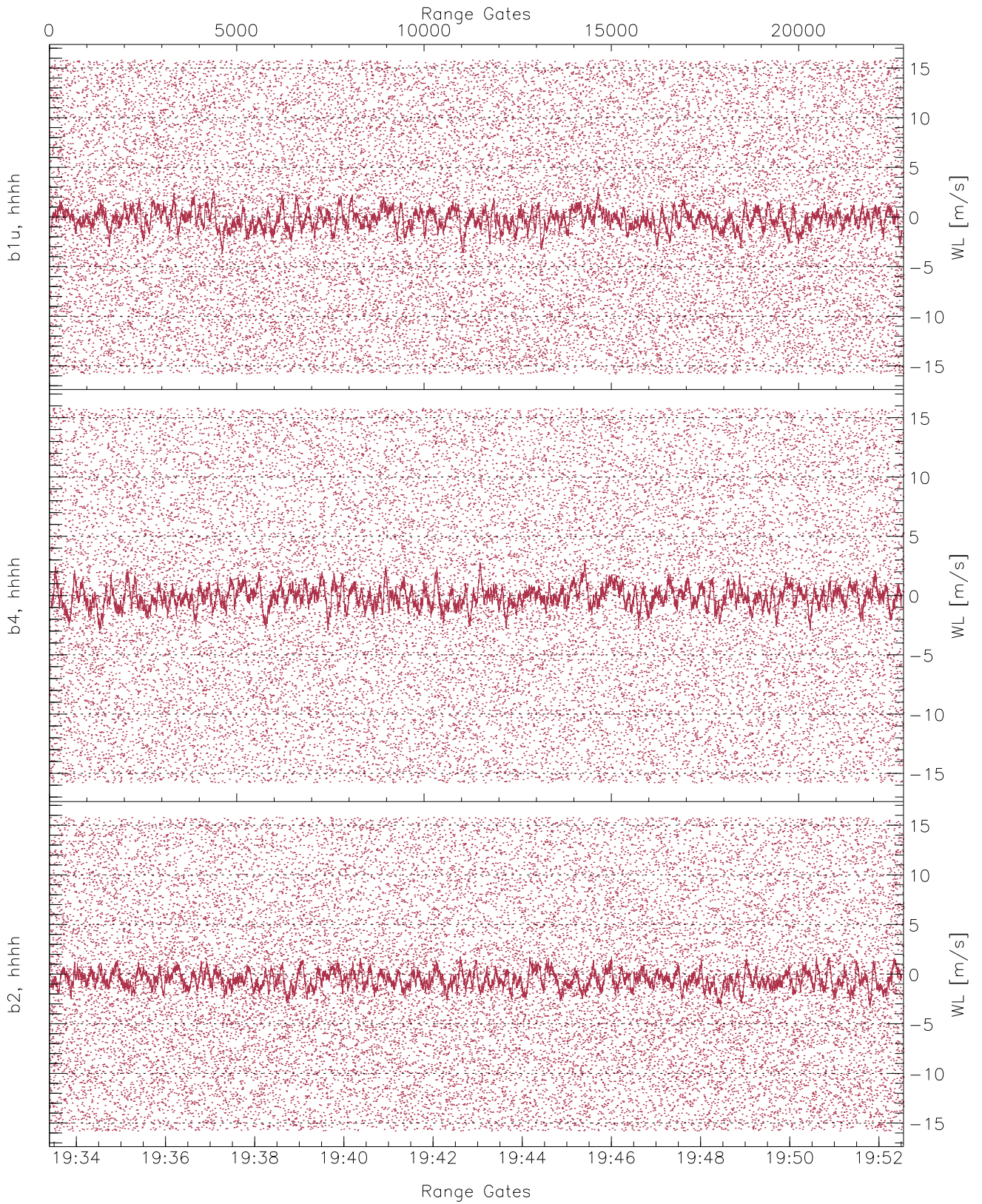
	Min	Max	Mean	Median	StDev
H1RG175_0 [dBm]	-63.41	-61.60	-62.51	-62.52	-75.09
H2RG275_0 [dBm]	-63.03	-61.14	-62.00	-62.01	-74.56
V2RG263_0 [dBm]	-63.68	-61.62	-62.56	-62.57	-75.08



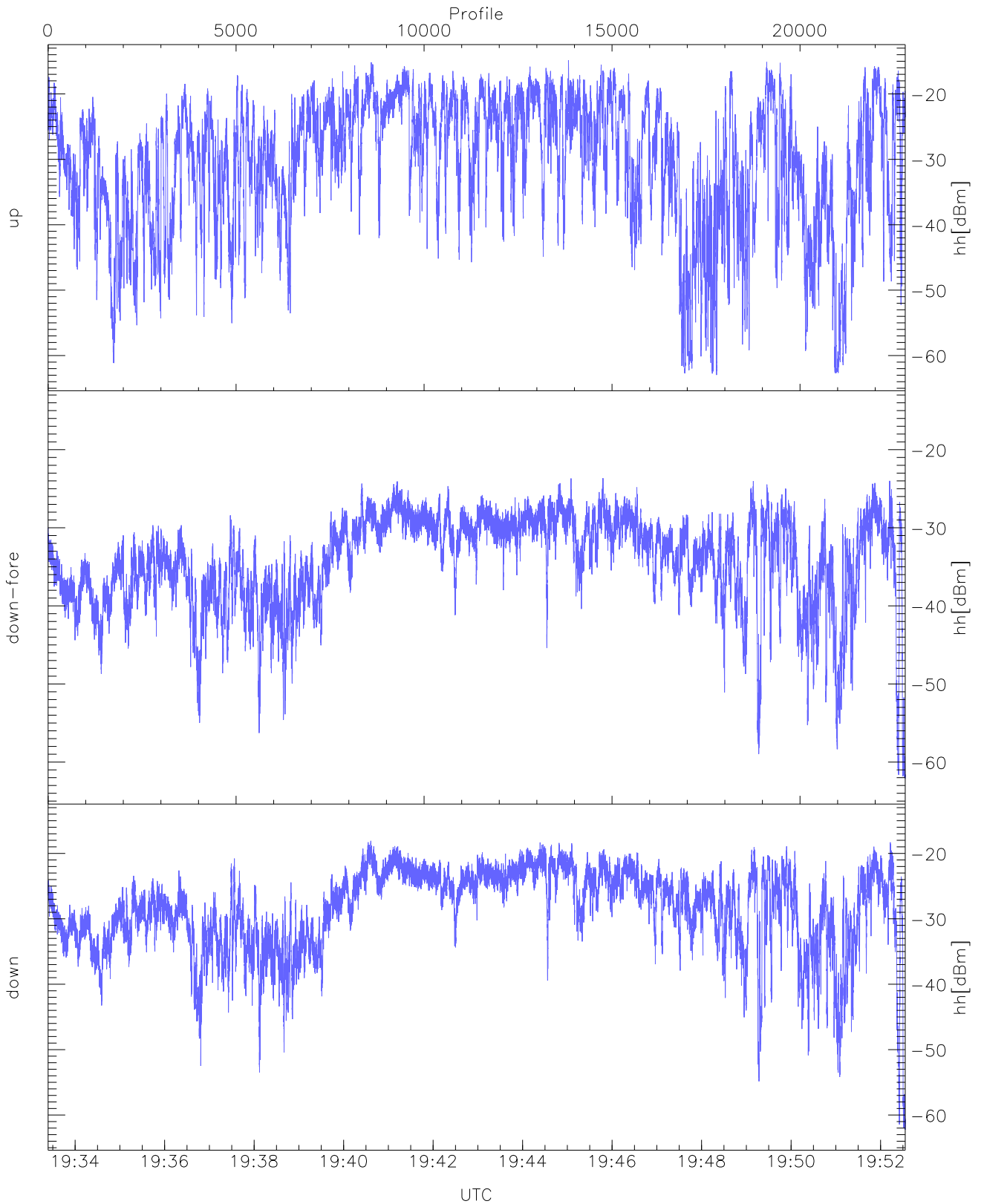
WCR2 CPP Averaged Received power for all recorded gates
blue: 193324-194258, 11401 profiles averaged
red: 194258-195233, 11400 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 193324-194258, 11401 profiles averaged
red: 194258-195233, 11400 profiles averaged

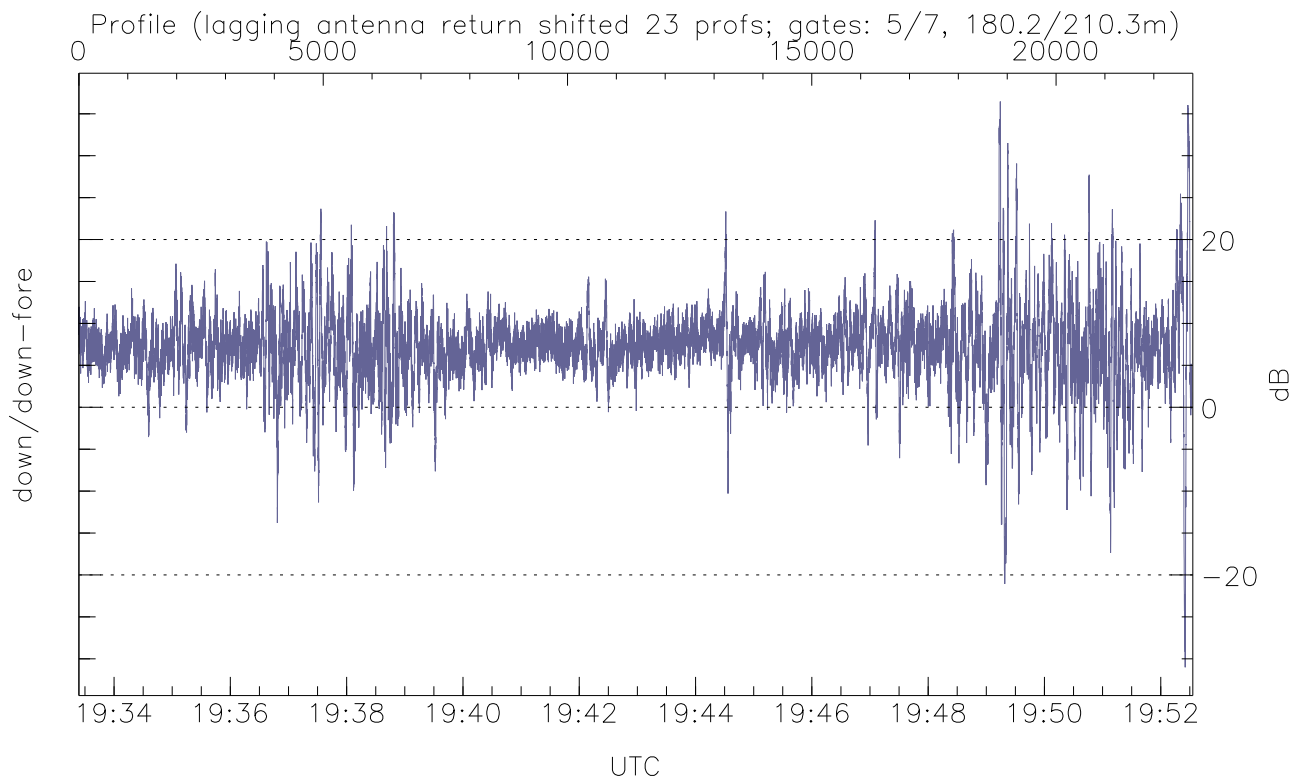
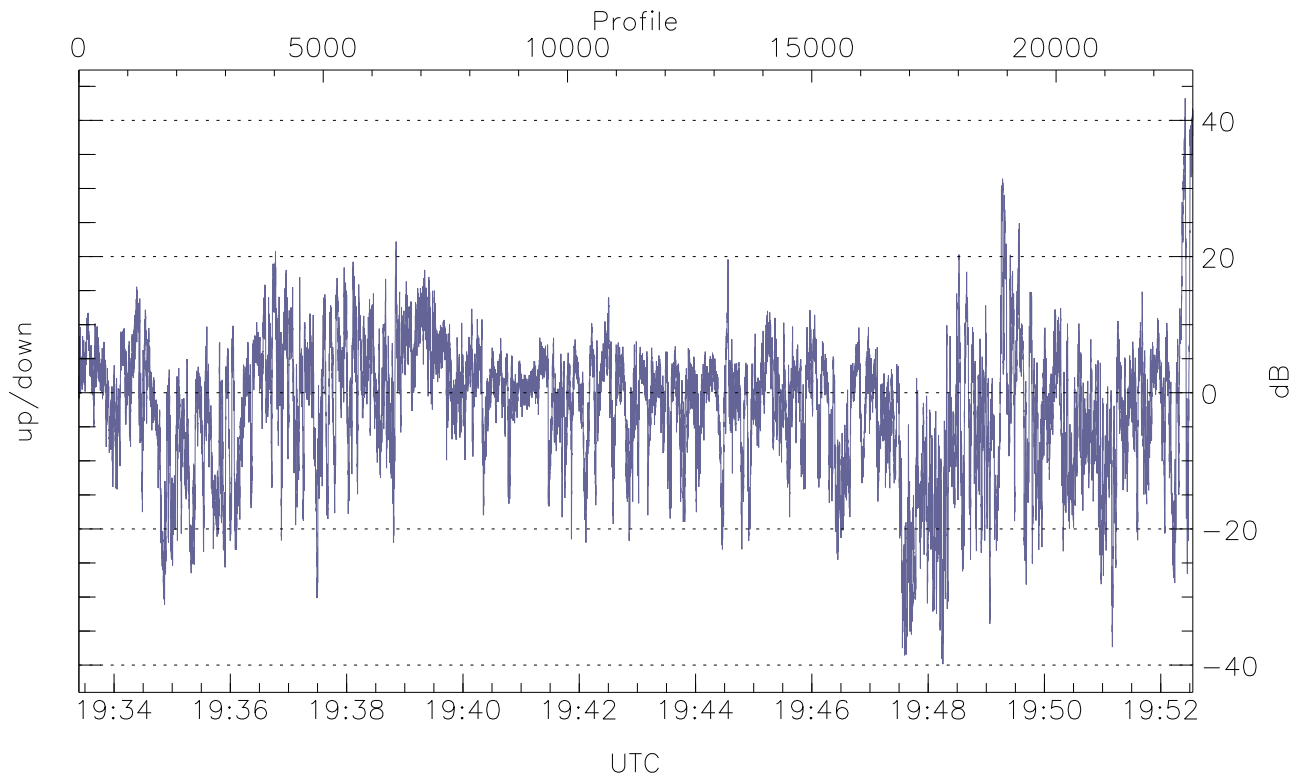


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



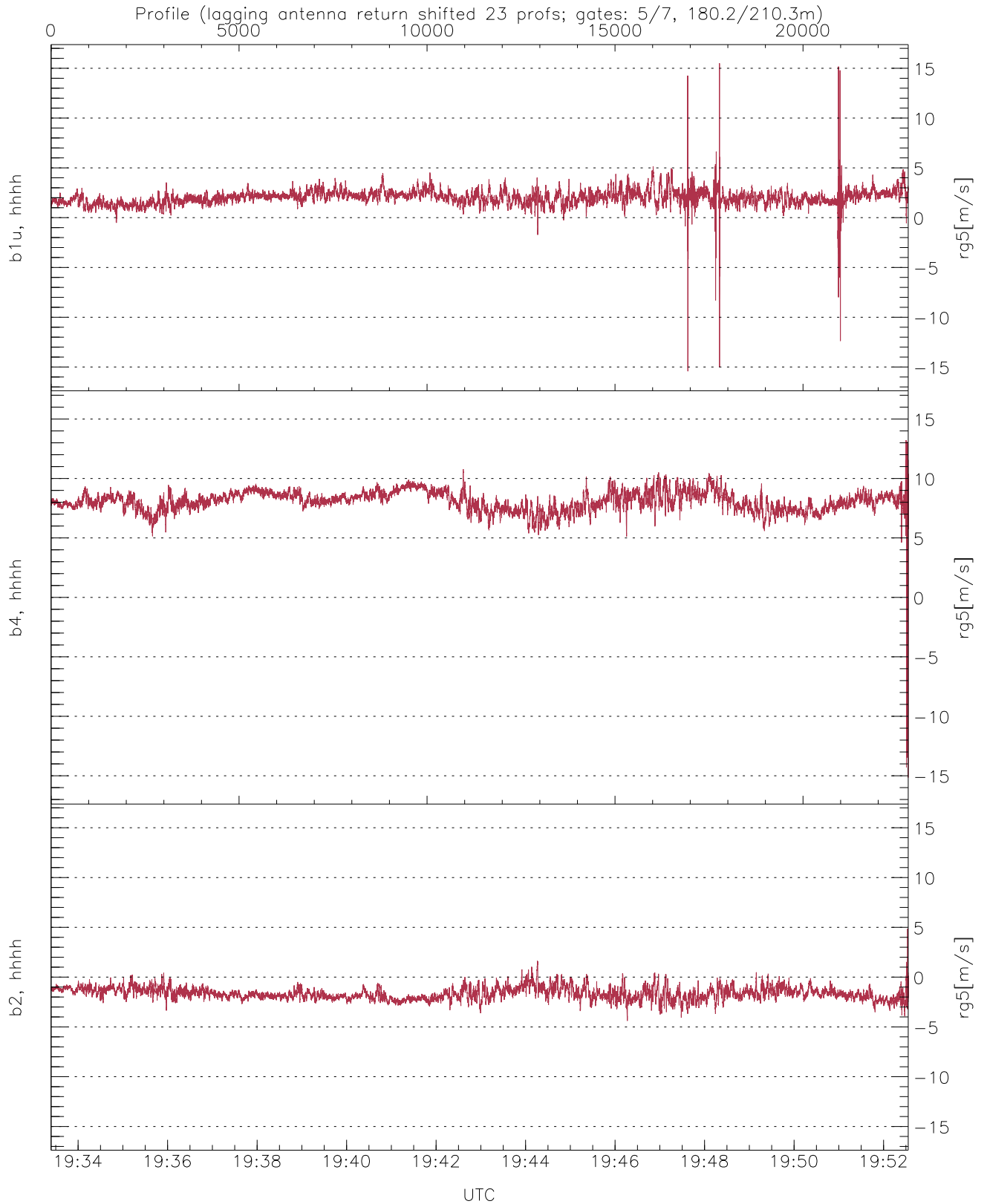
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh [dBm])	-62.97	-14.86	-24.45
down-fore(hh [dBm])	-62.14	-23.65	-31.64
down(hh [dBm])	-62.23	-18.08	-25.68



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

	Min	Max	Mean
up/down (dB)	-39.85	43.25	-1.99
down/down-fore (dB)	-31.01	36.46	7.16



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.43	15.50	2.01	0.76
b4, hhhh(rg5[m/s])	-15.15	13.22	8.08	0.84
b2, hhhh(rg5[m/s])	-4.39	4.86	-1.65	0.61