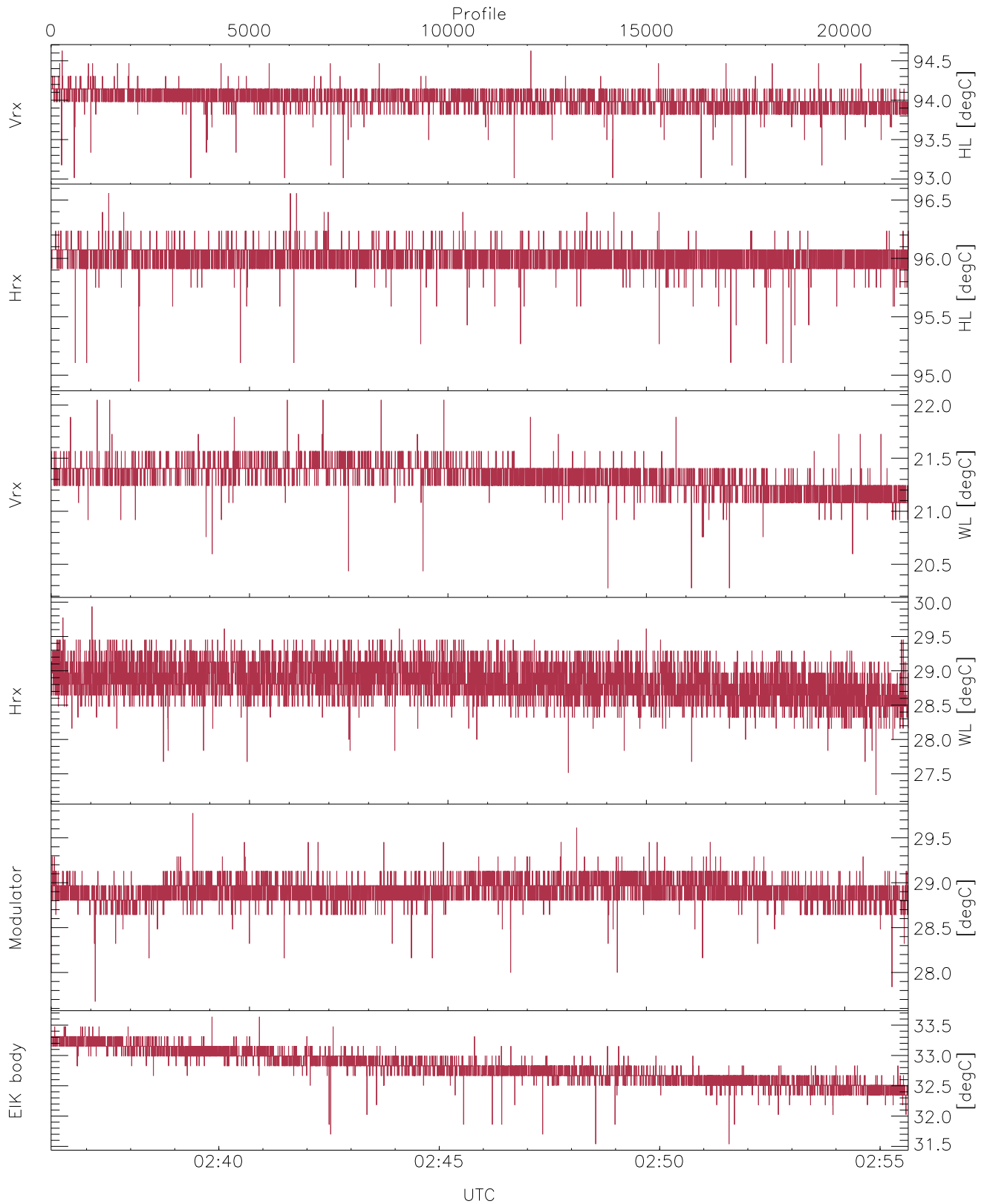


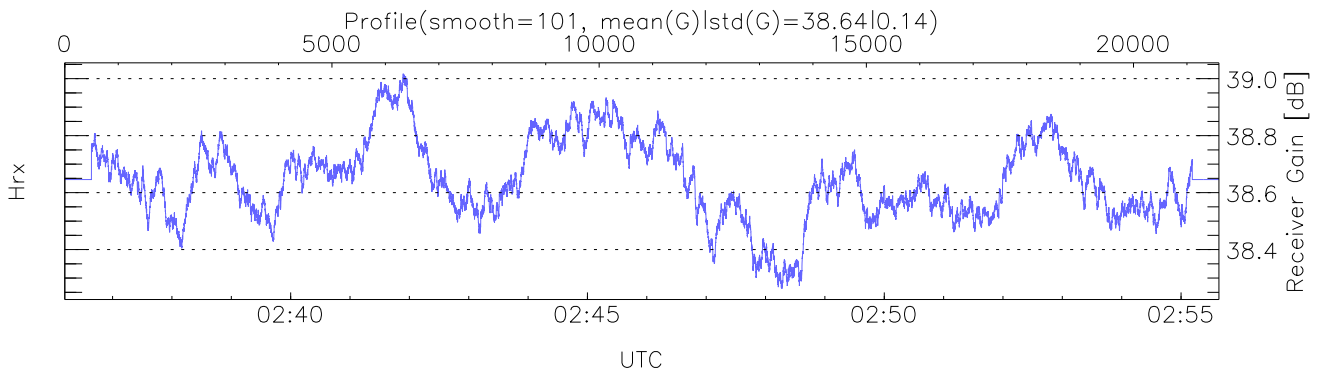
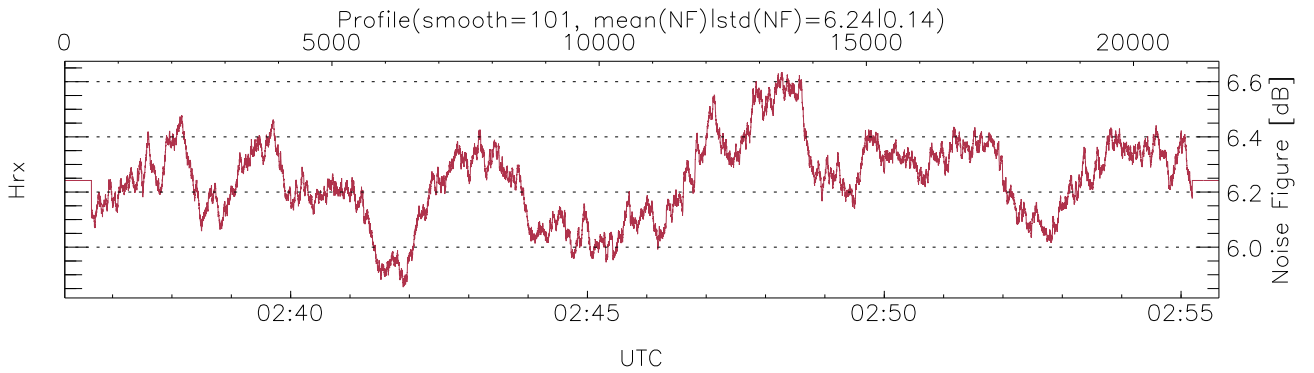
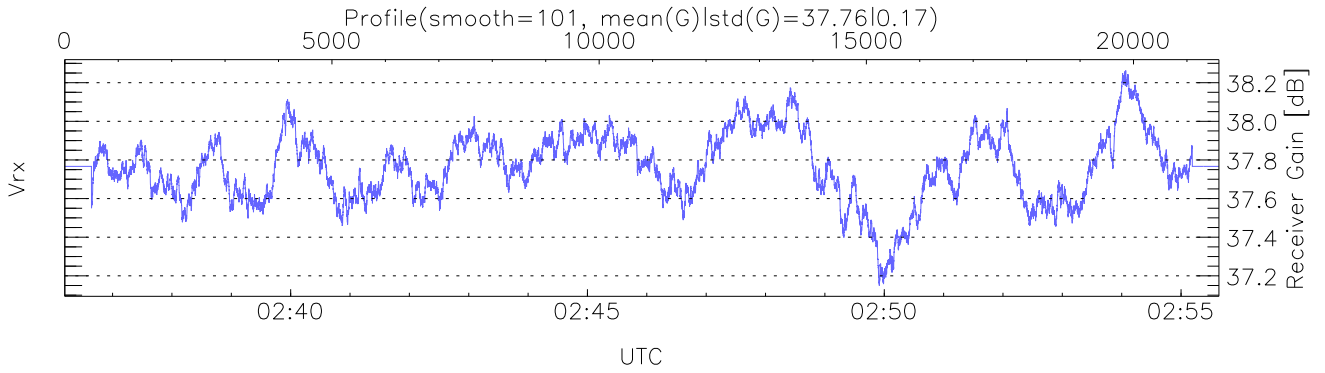
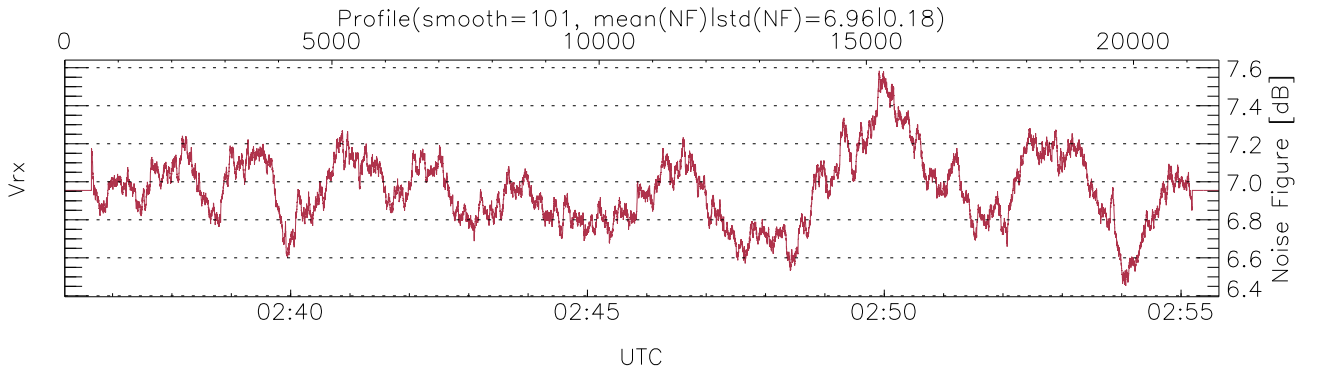
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 02:36:12-03:11:23, Dur: 2111.44s
 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): 21600/39092, 0-21599/02:36:12-02:55:38
 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



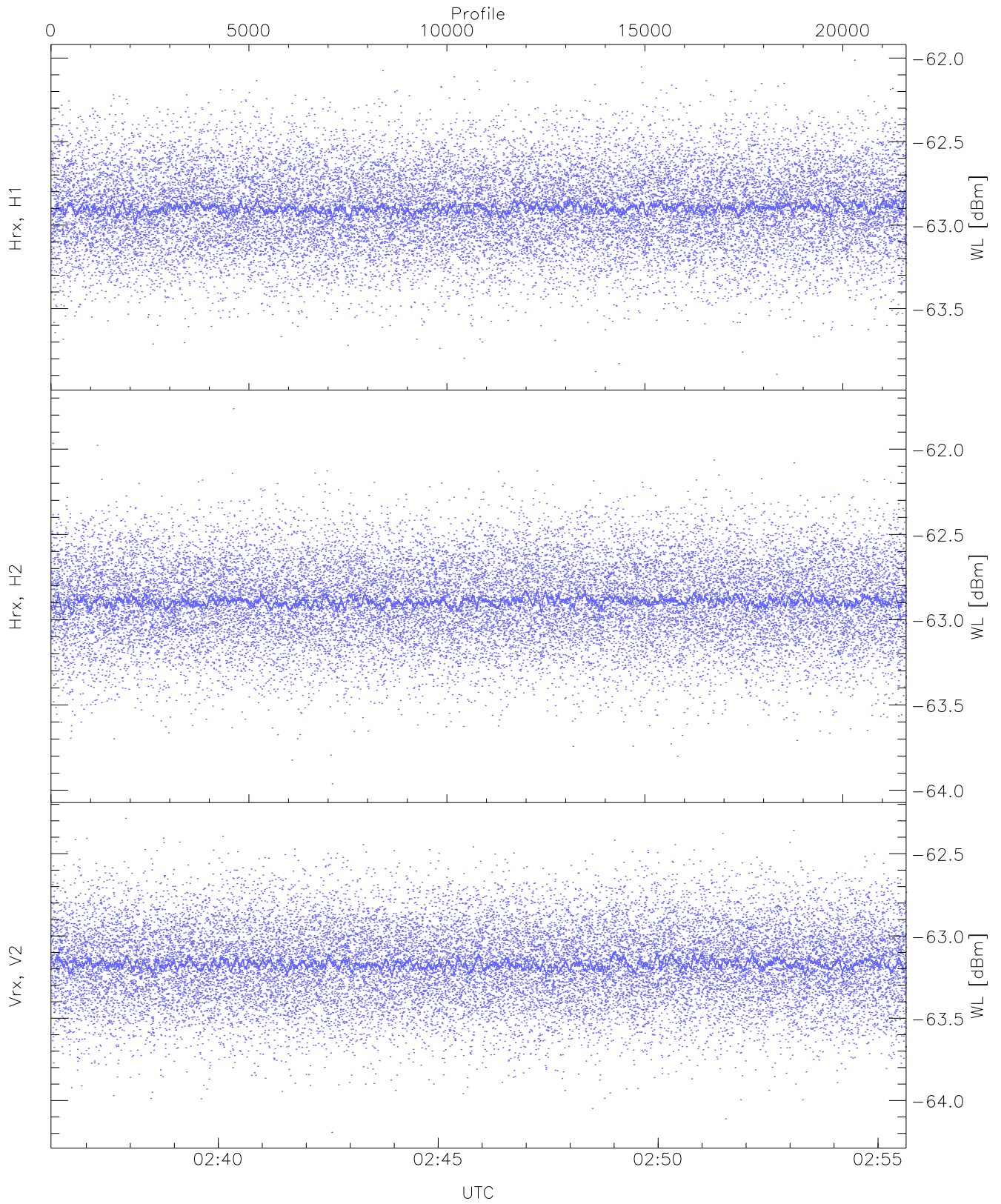
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,20,27,27,31
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,22,29,29,33
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK/Modulator Faults: None



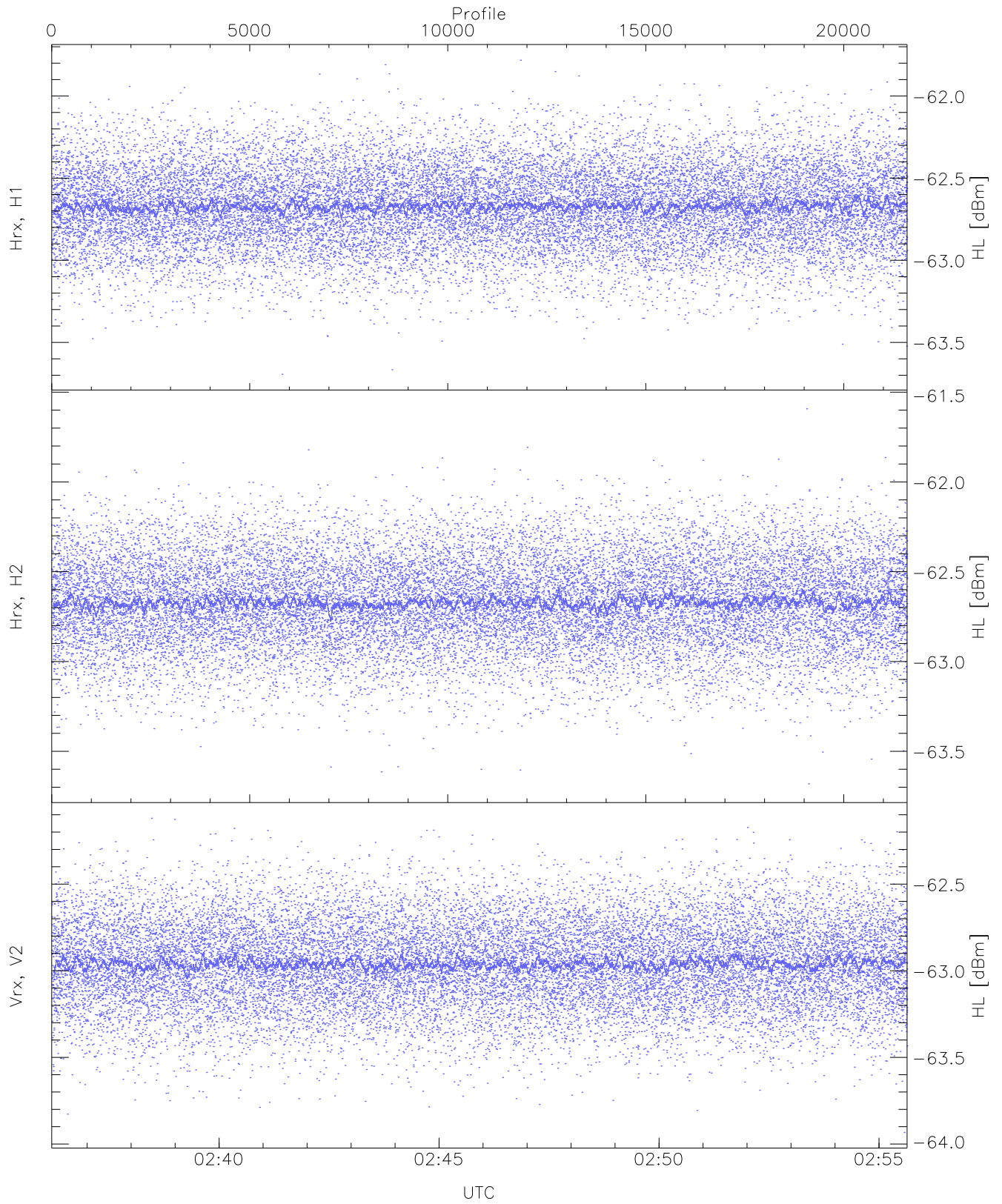
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 1720 pixs, 58 gates, 1677 profs, 2 prods



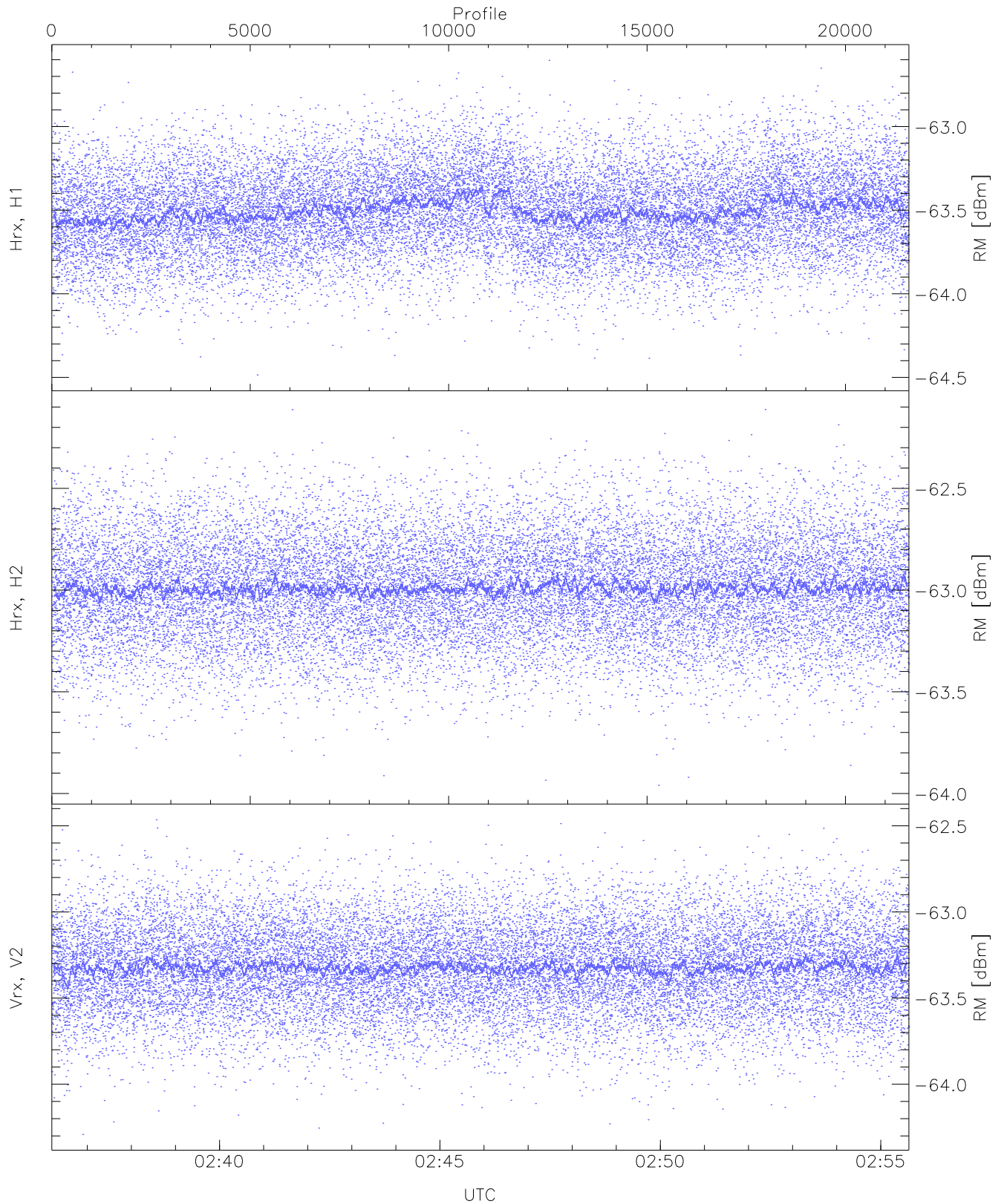
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.89	-62.01	-62.90	-62.90	-75.58
Hrx, H2(WL [dBm])	-63.96	-61.76	-62.89	-62.89	-75.60
Vrx, V2(WL [dBm])	-64.19	-62.28	-63.17	-63.17	-75.88



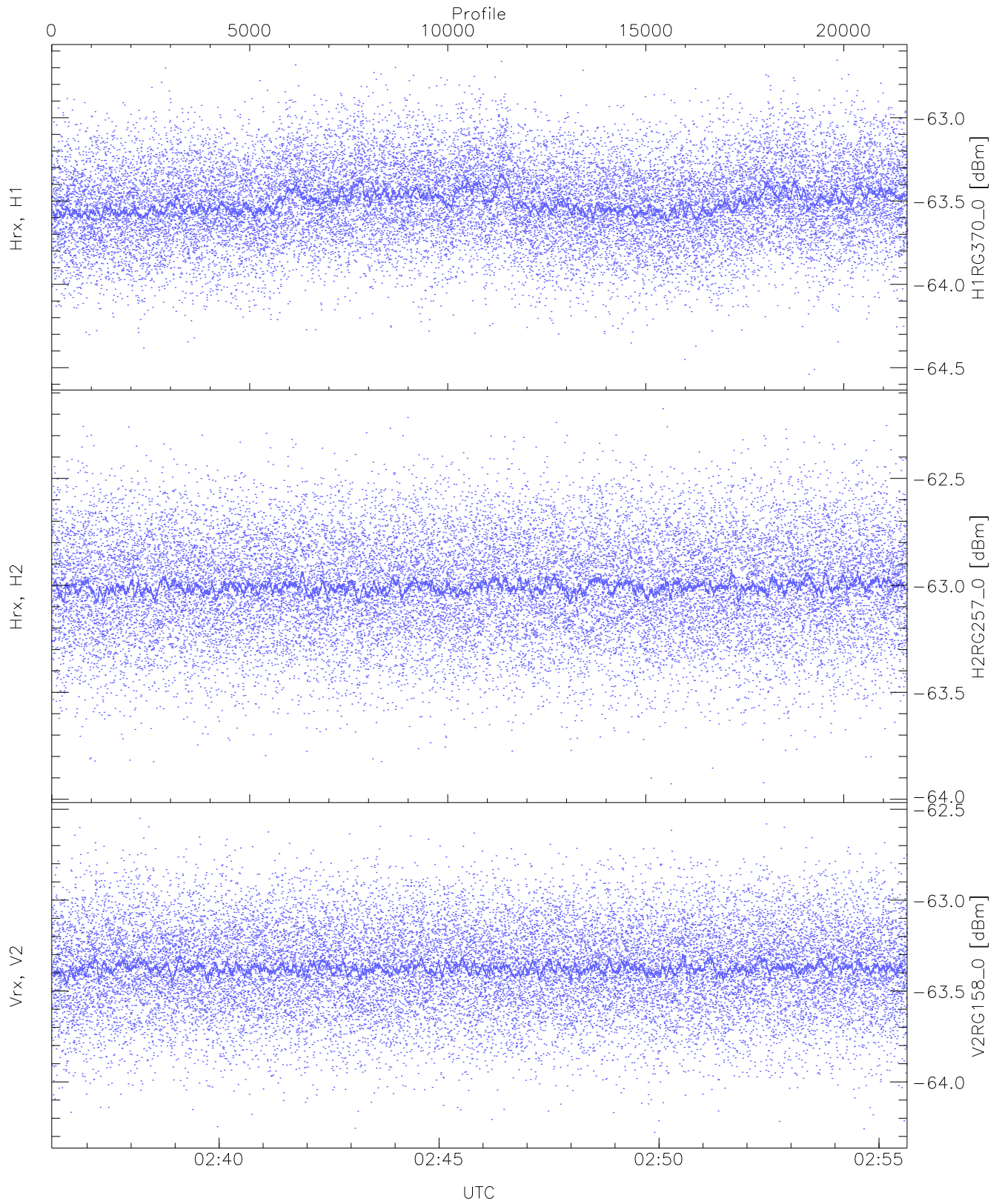
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.69	-61.78	-62.67	-62.67	-75.39
Hrx, H2 (HL [dBm])	-63.68	-61.59	-62.67	-62.67	-75.34
Vrx, V2 (HL [dBm])	-63.93	-62.12	-62.96	-62.96	-75.64



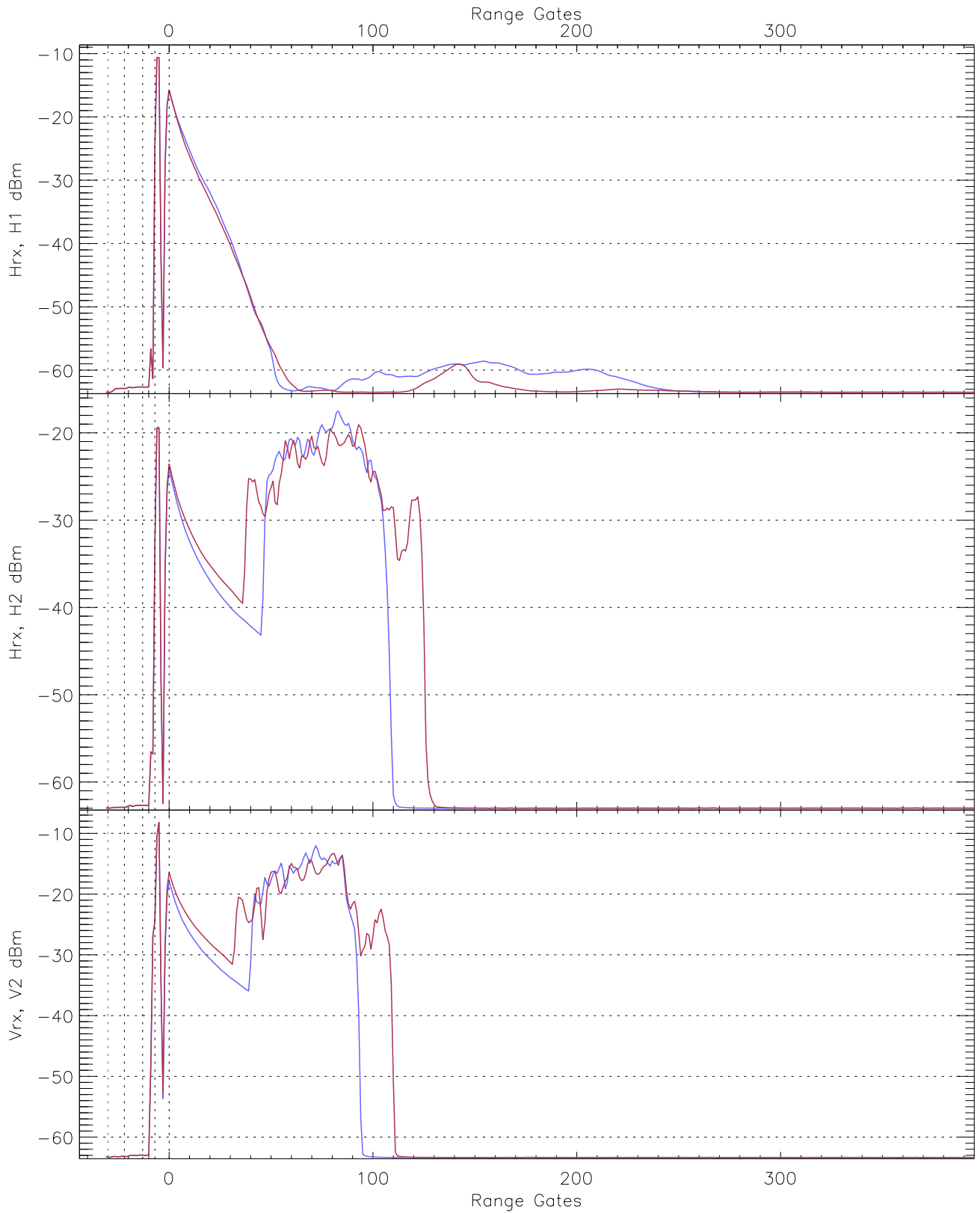
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.49	-62.60	-63.50	-63.51	-76.12
Hrx, H2 (RM [dBm])	-63.96	-62.11	-62.99	-62.99	-75.71
Vrx, V2 (RM [dBm])	-64.29	-62.46	-63.32	-63.32	-76.01

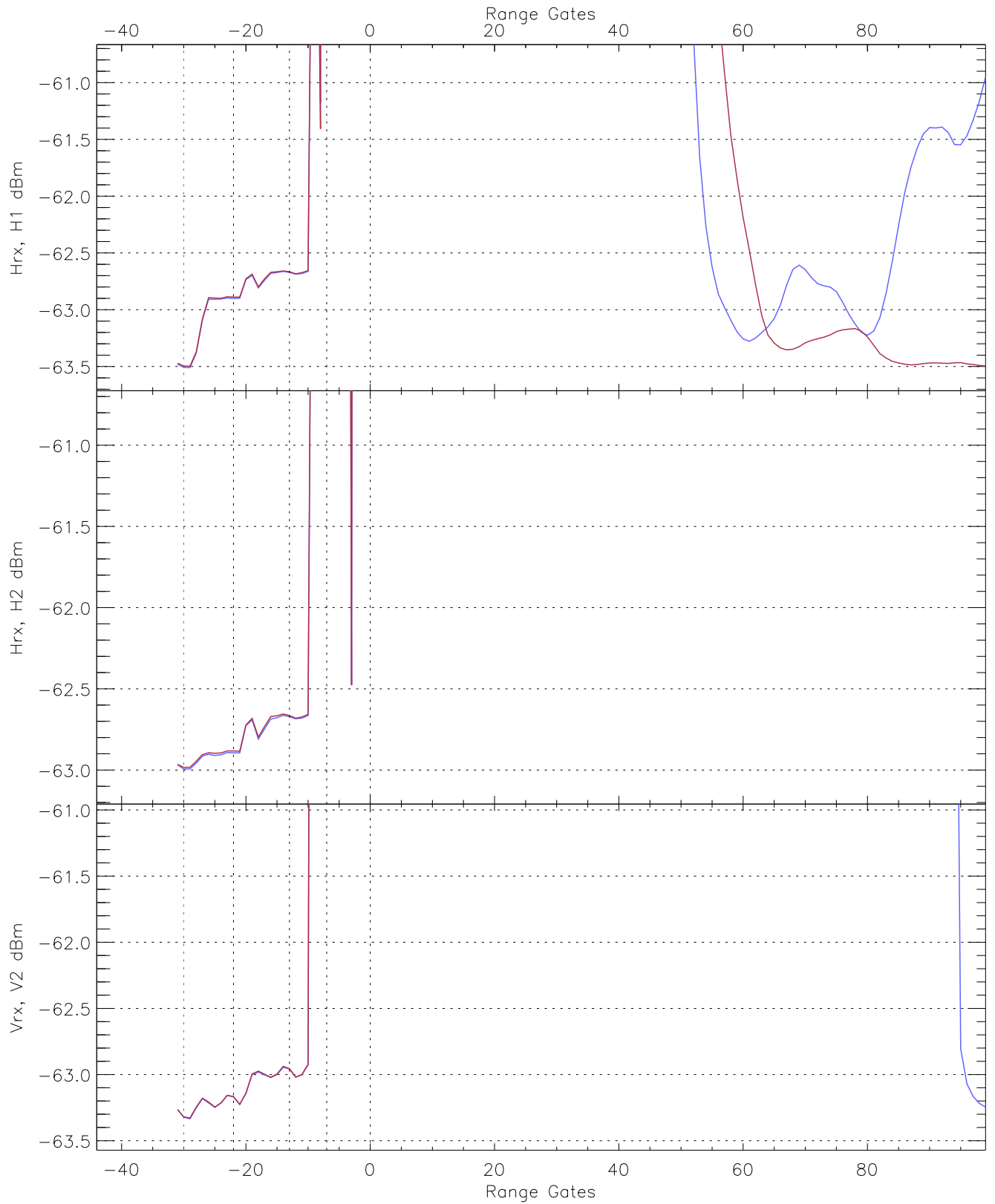


WCR2 CPP "Best" estimate Receivers Noise Power

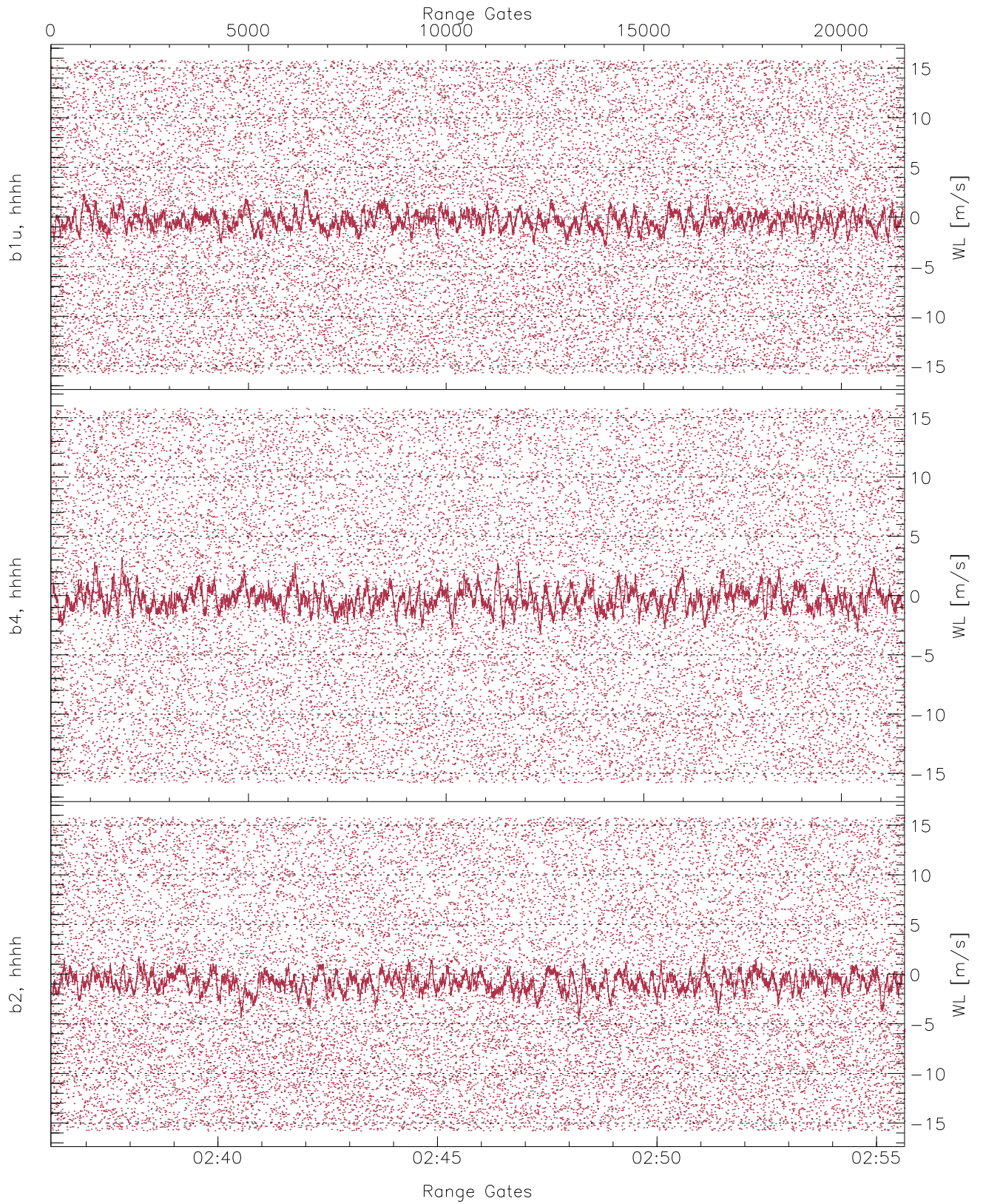
	Min	Max	Mean	Median	StDev
H1RG370_0 [dBm]	-64.54	-62.65	-63.50	-63.51	-76.11
H2RG257_0 [dBm]	-63.93	-62.17	-63.00	-63.01	-75.74
V2RG158_0 [dBm]	-64.28	-62.55	-63.37	-63.37	-76.03



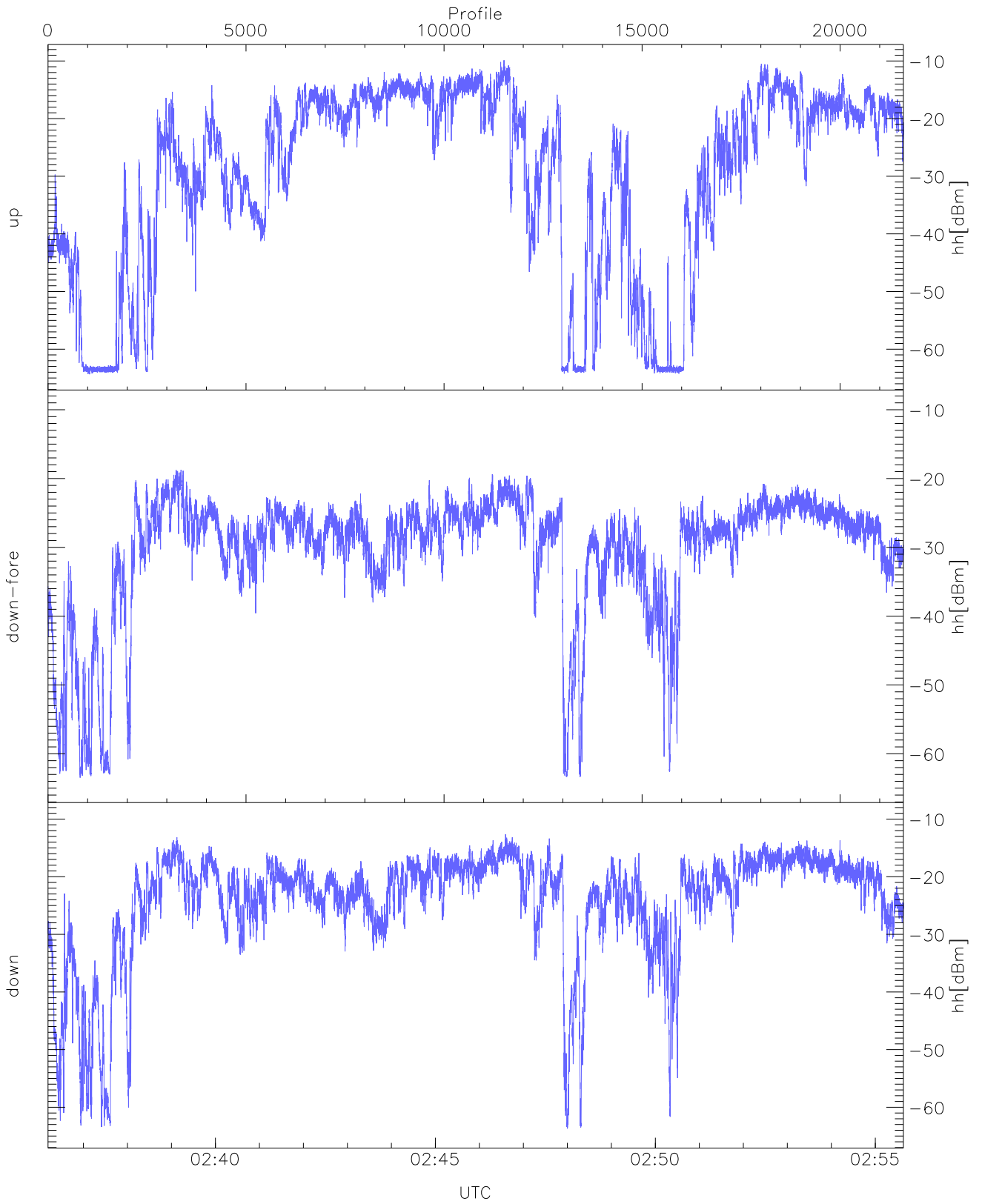
WCR2 CPP Averaged Received power for all recorded gates
blue: 023612-024555, 10801 profiles averaged
red: 024555-025538, 10800 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 023612-024555, 10801 profiles averaged
red: 024555-025538, 10800 profiles averaged

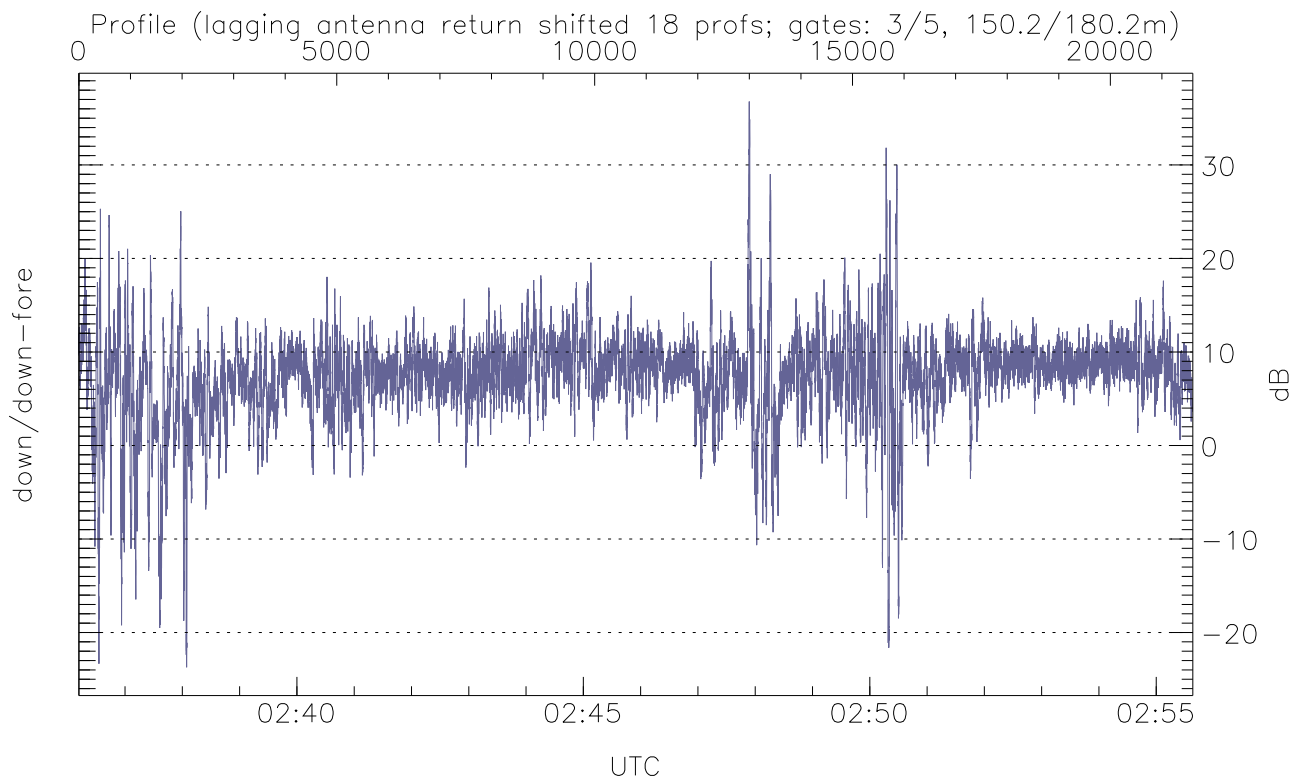
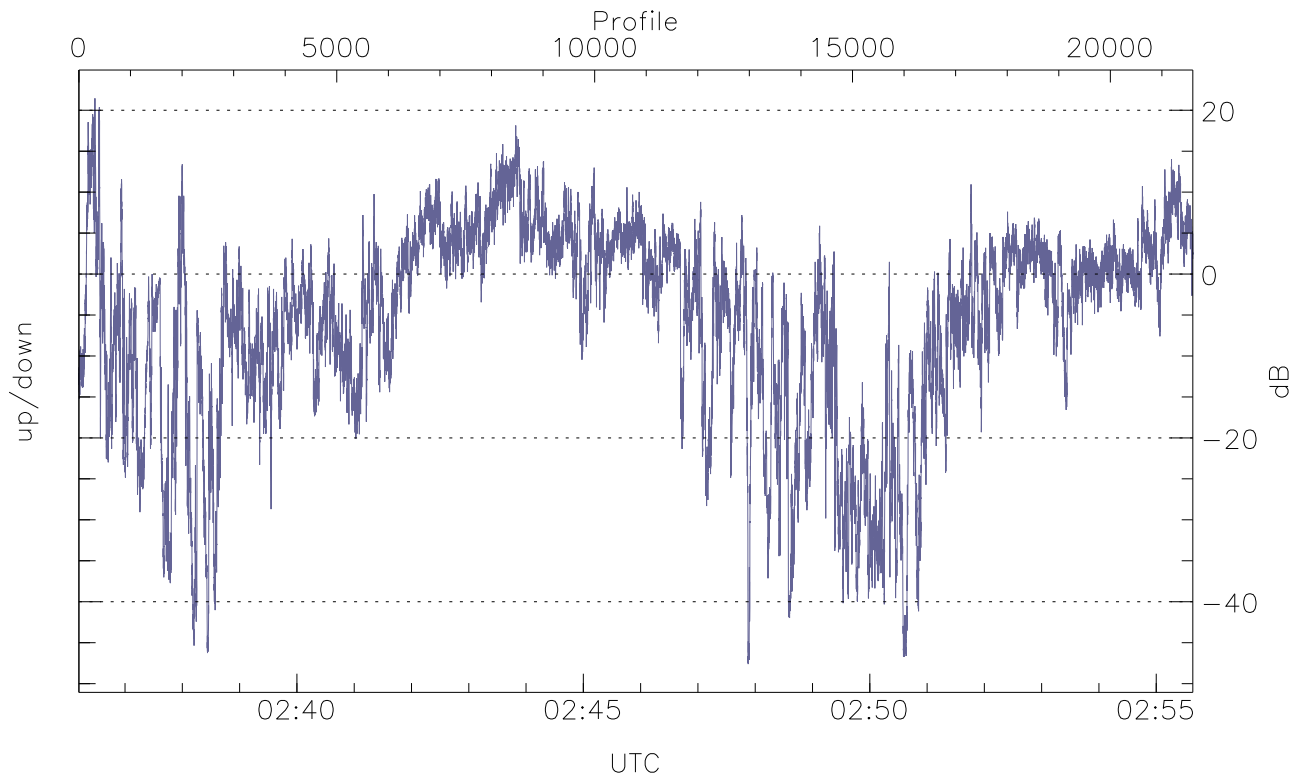


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



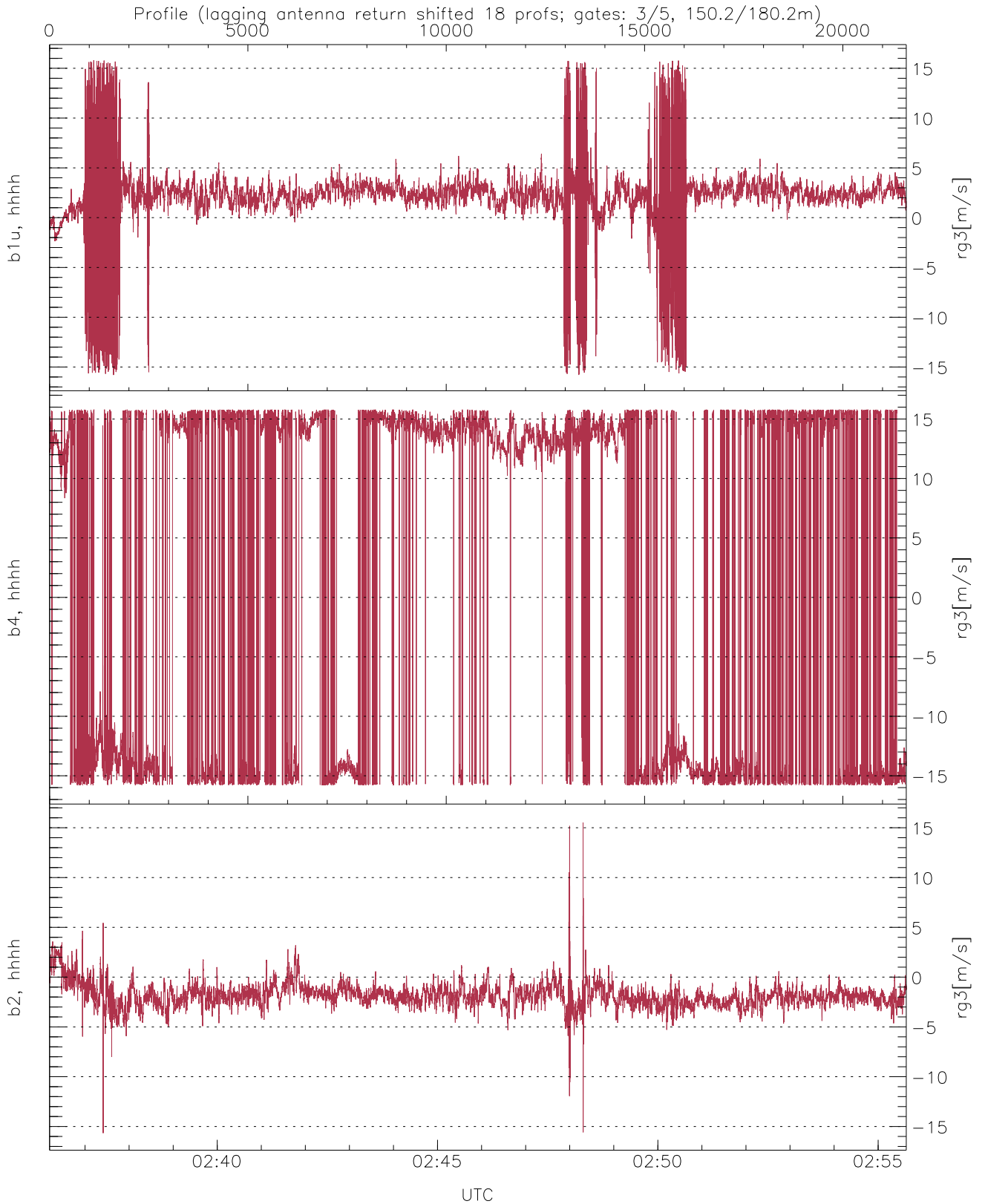
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-64.36	-9.86	-19.31
down-fore(hh[dBm])	-63.47	-18.72	-26.78
down(hh[dBm])	-63.71	-12.63	-20.36



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

	Min	Max	Mean
up/down (dB)	-47.61	21.45	-5.66
down/down-fore (dB)	-23.72	36.78	7.41



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.80	15.80	2.08	2.95
b4, hhhh(rg3[m/s])	-15.80	15.80	2.09	14.41
b2, hhhh(rg3[m/s])	-15.67	15.53	-1.85	1.19