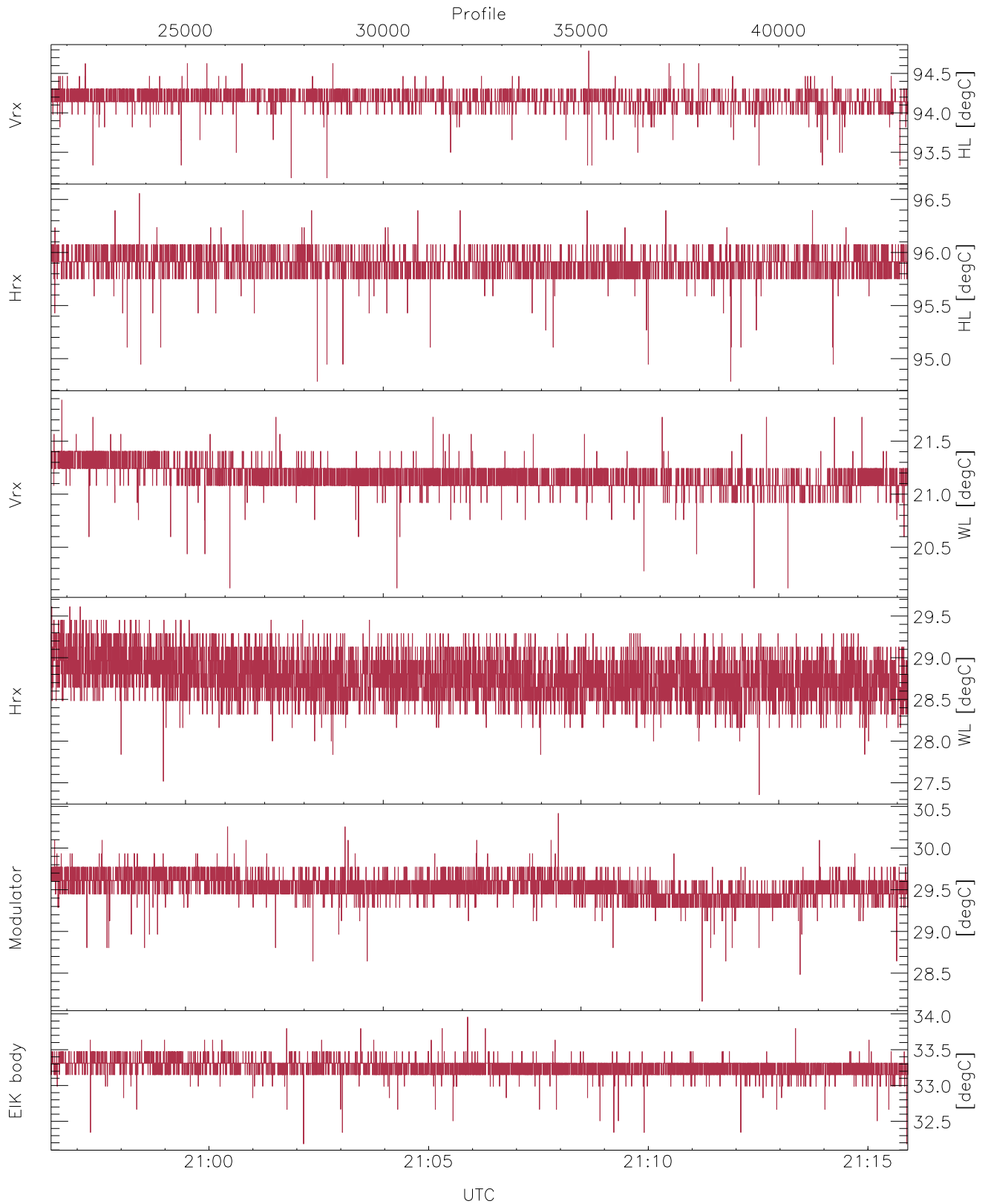




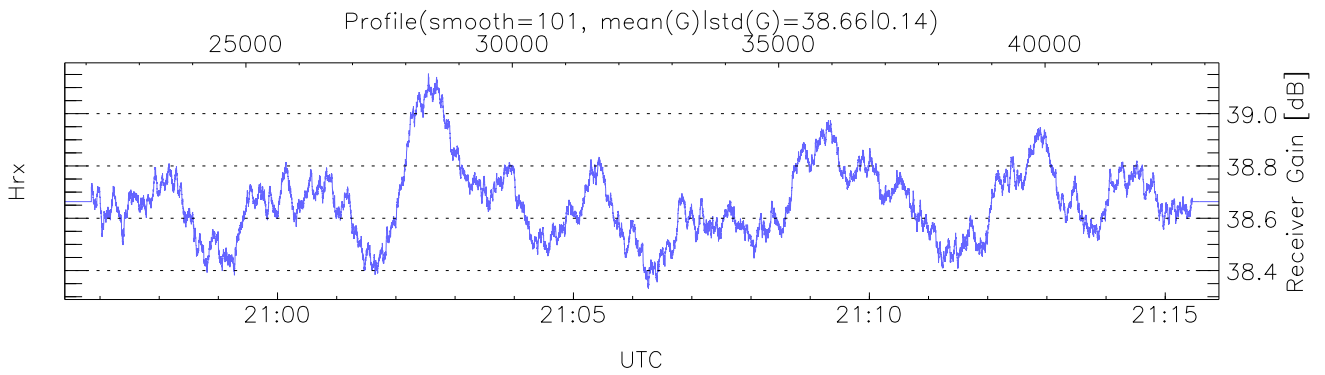
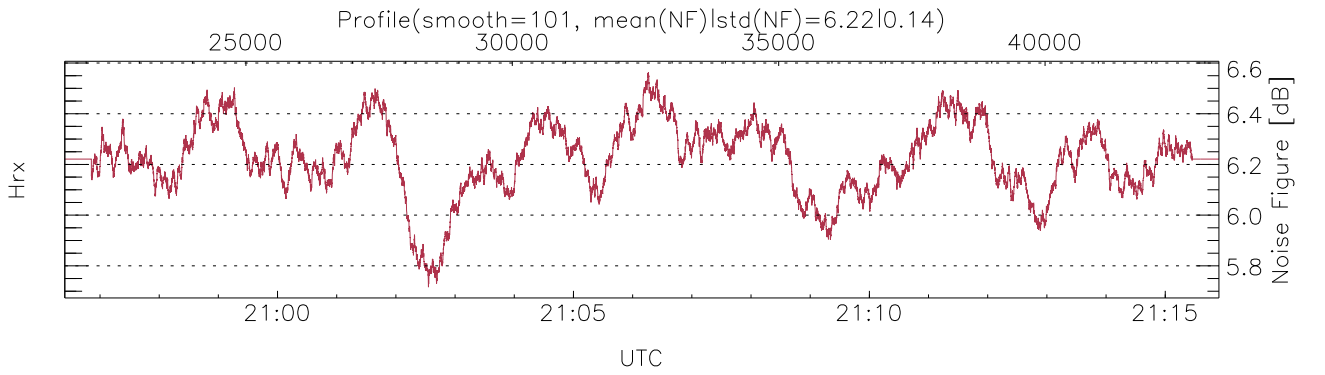
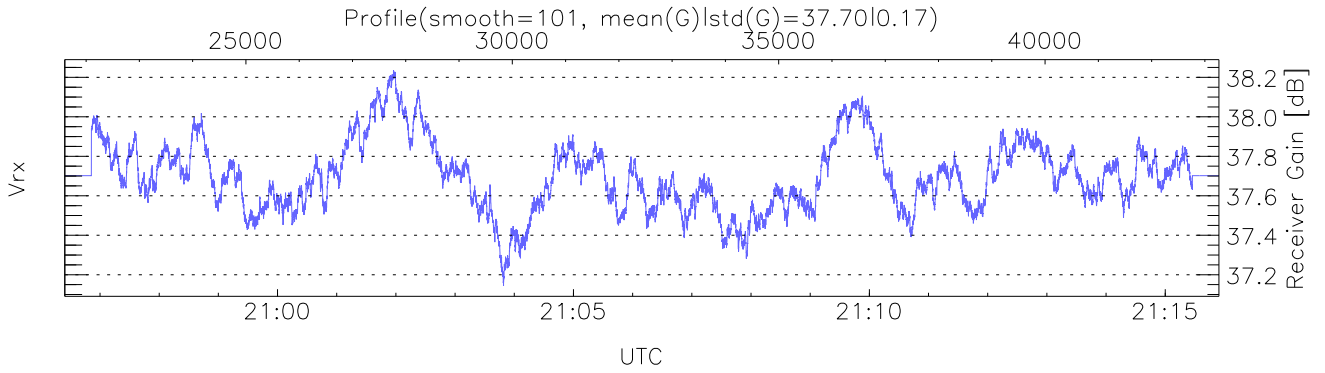
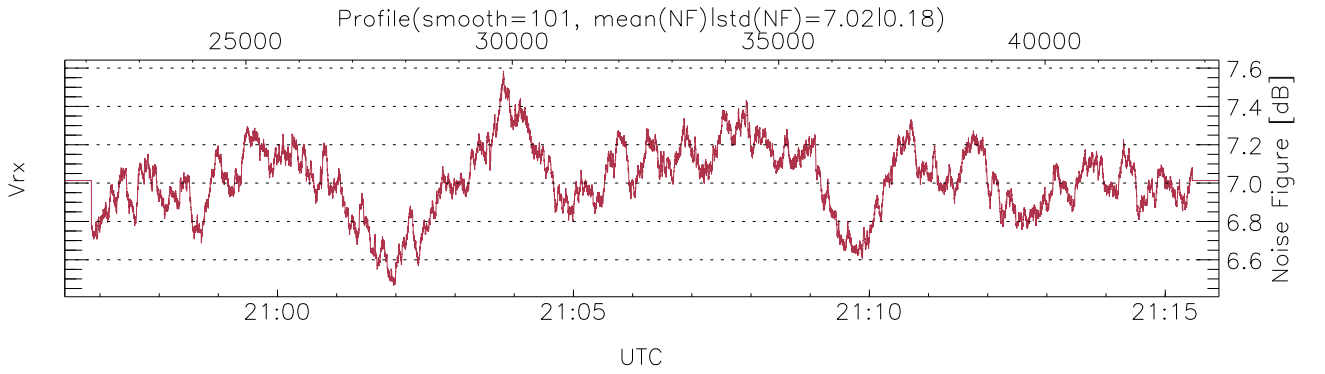
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 20:36:58-21:15:54, Dur: 2336.84s
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): 21665/43265, 21600-43264/20:56:24-21:15:54
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



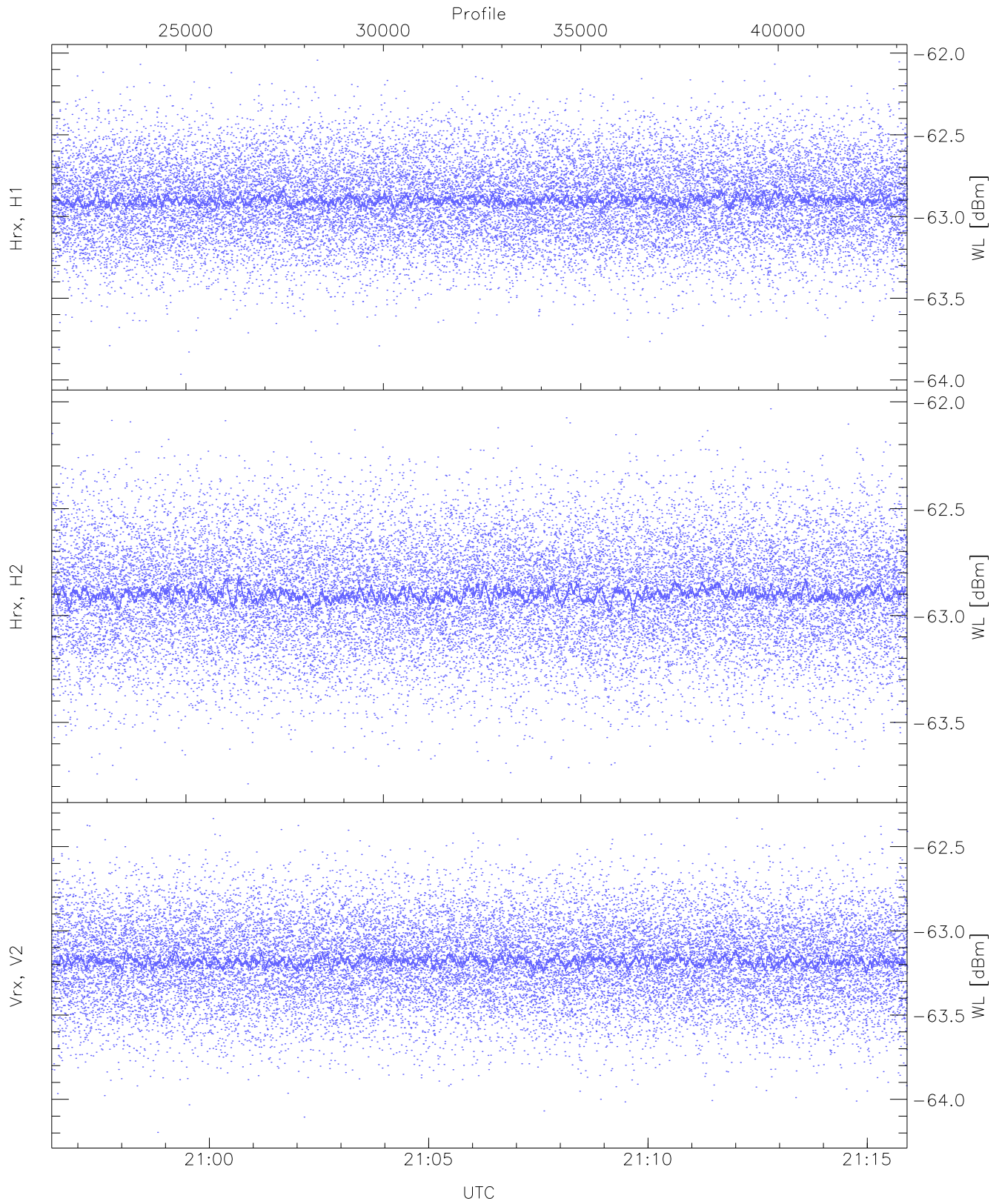
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,20,27,28,32
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,21,29,30,33
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
HVPS (10)



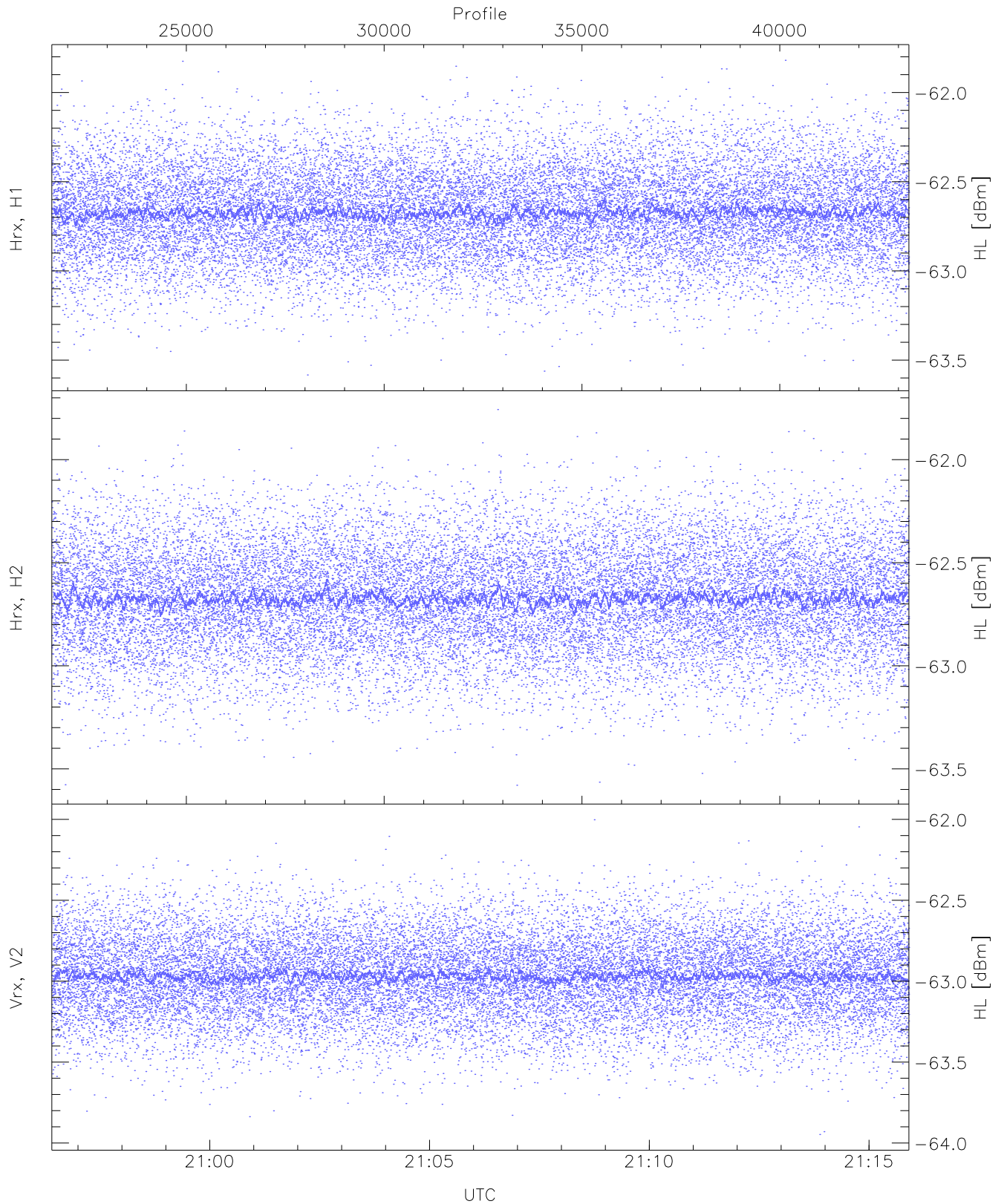
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 289 pixs, 41 gates, 276 profs, 1 prods



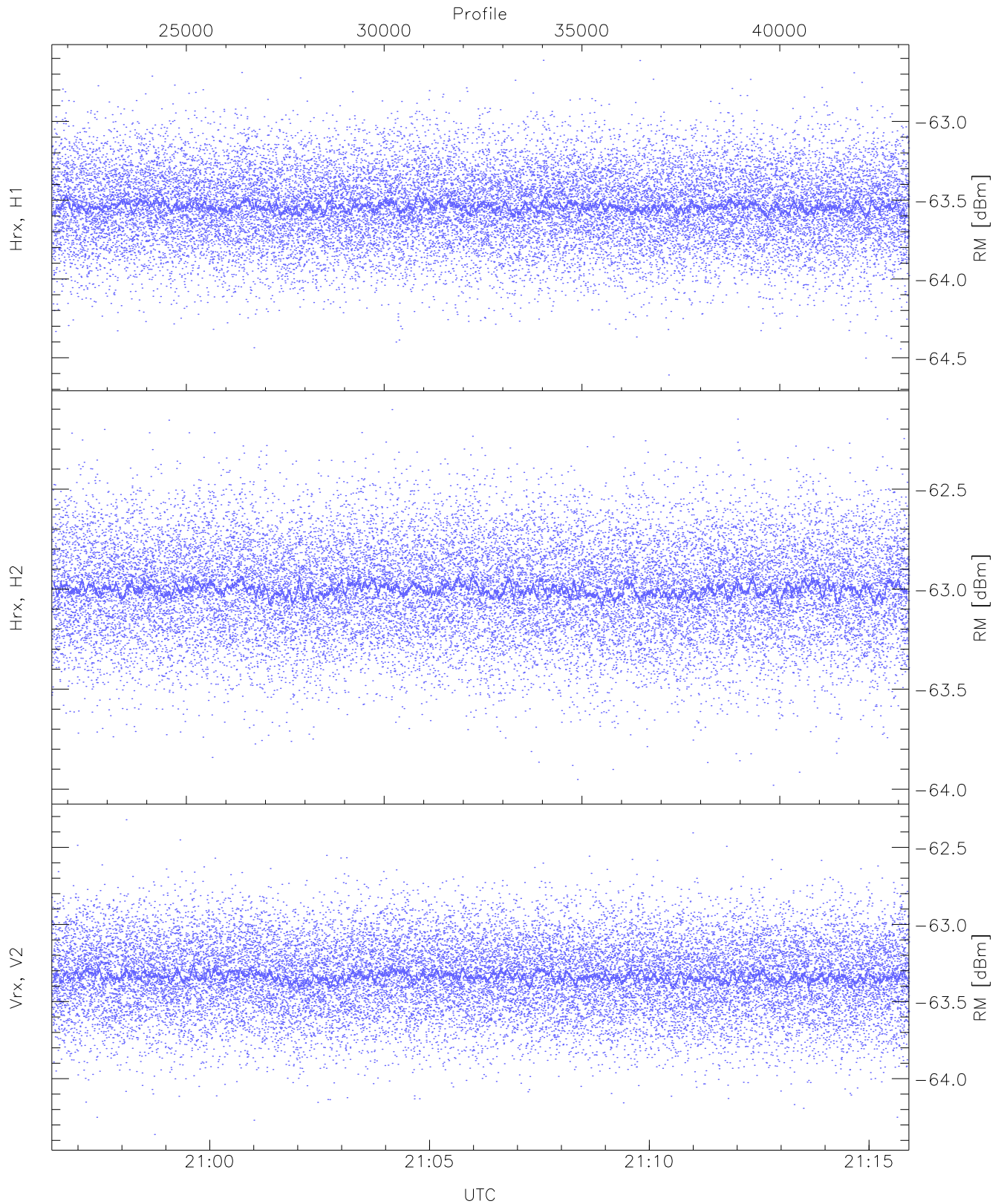
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-63.97	-62.04	-62.90	-62.90	-75.58
Hrx, H2 (WL [dBm])	-63.79	-62.03	-62.90	-62.90	-75.57
Vrx, V2 (WL [dBm])	-64.20	-62.33	-63.18	-63.18	-75.87



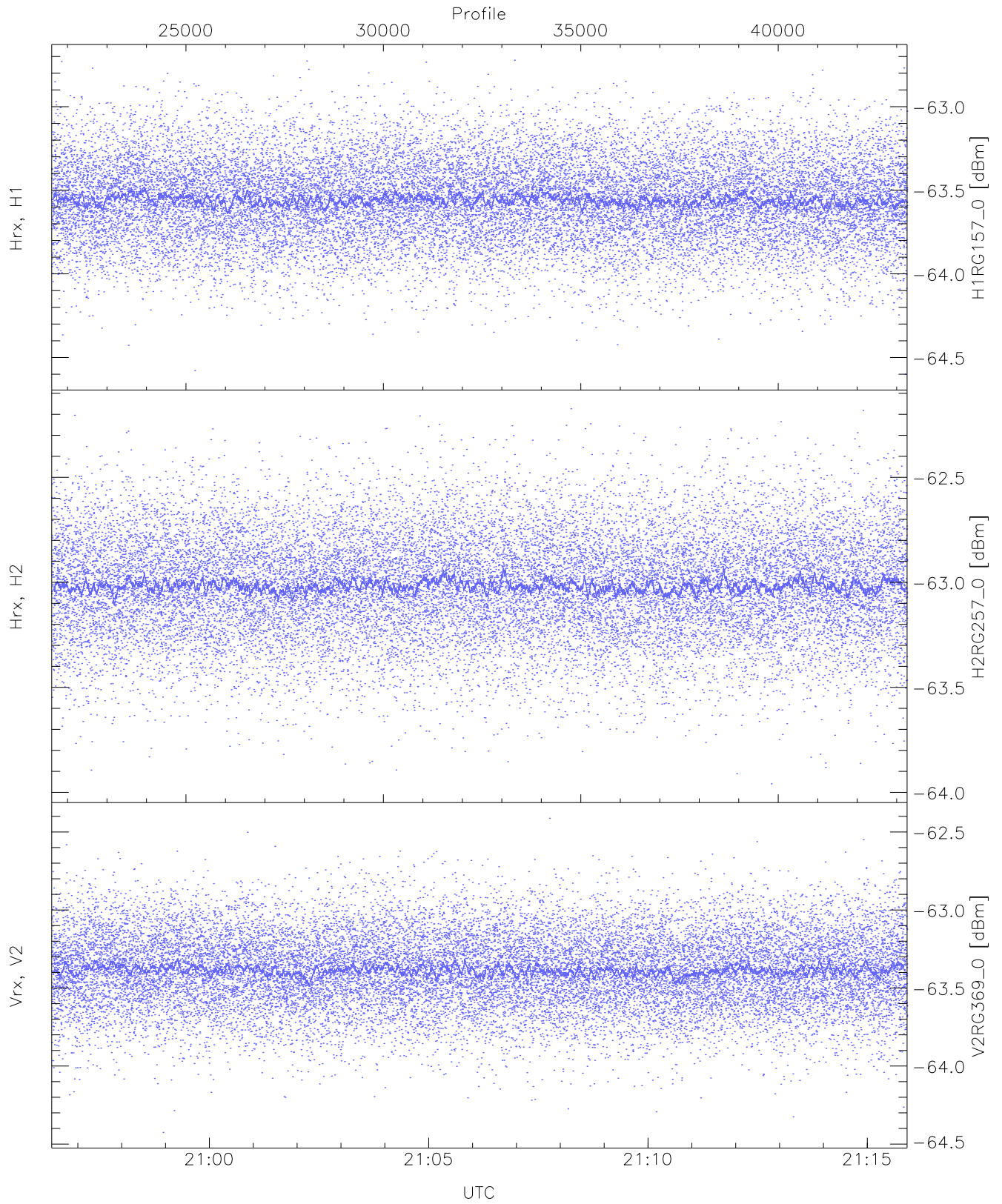
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.58	-61.82	-62.67	-62.68	-75.38
Hrx, H2 (HL [dBm])	-63.58	-61.76	-62.67	-62.67	-75.37
Vrx, V2 (HL [dBm])	-63.95	-62.00	-62.97	-62.97	-75.67



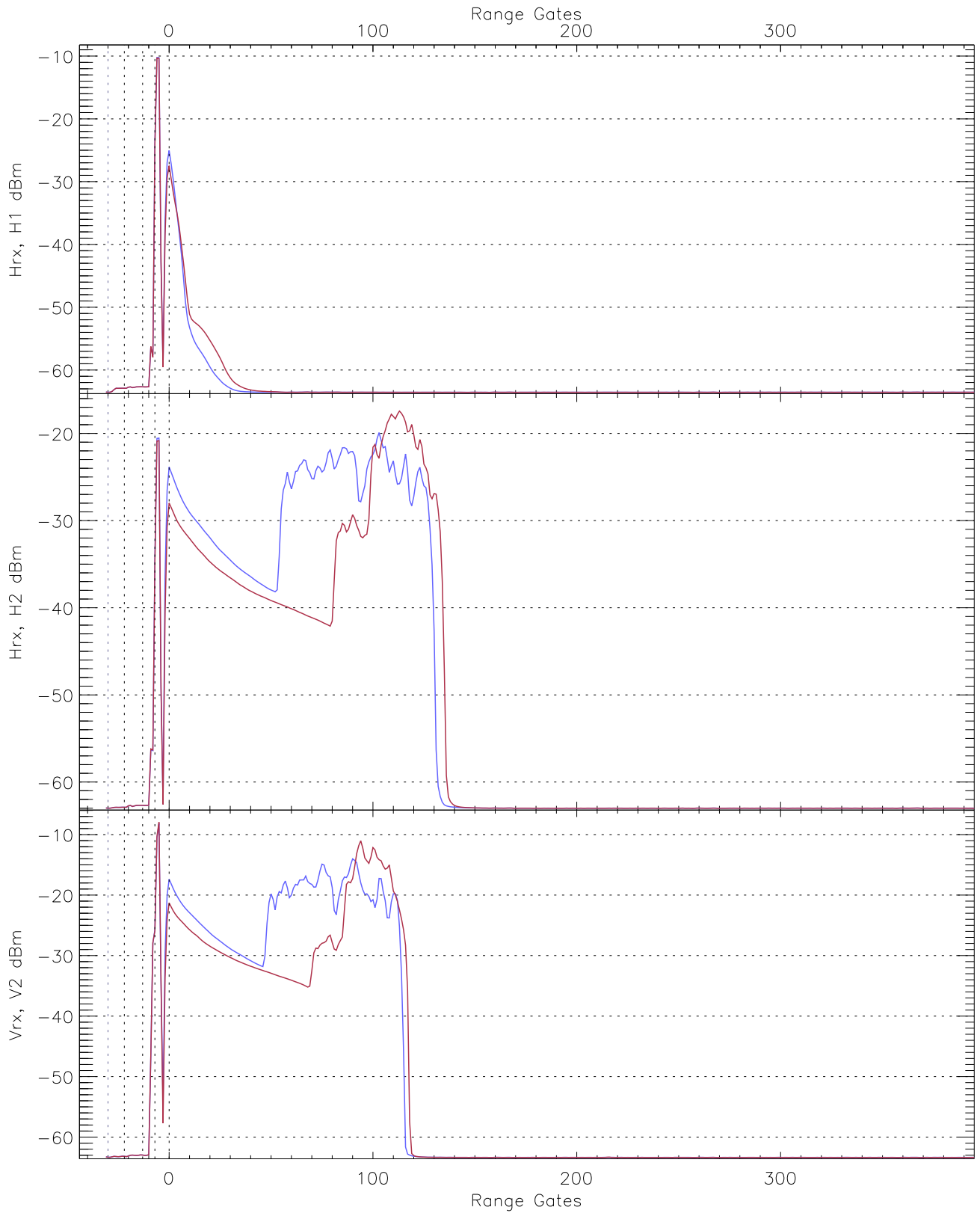
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-64.61	-62.61	-63.54	-63.54	-76.21
Hrx, H2(RM [dBm])	-63.98	-62.10	-63.00	-63.00	-75.73
Vrx, V2(RM [dBm])	-64.36	-62.32	-63.33	-63.34	-75.99

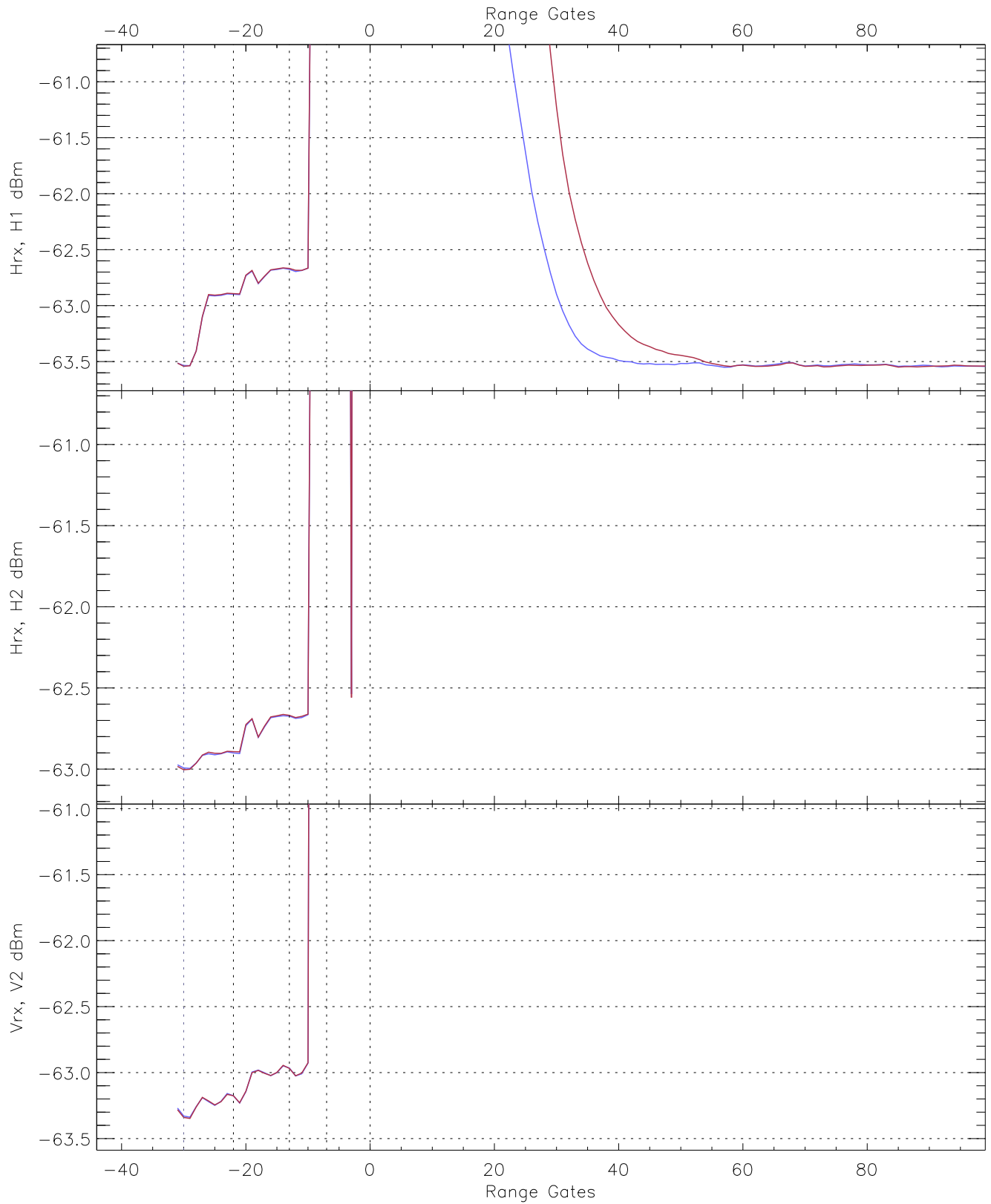


WCR2 CPP "Best" estimate Receivers Noise Power

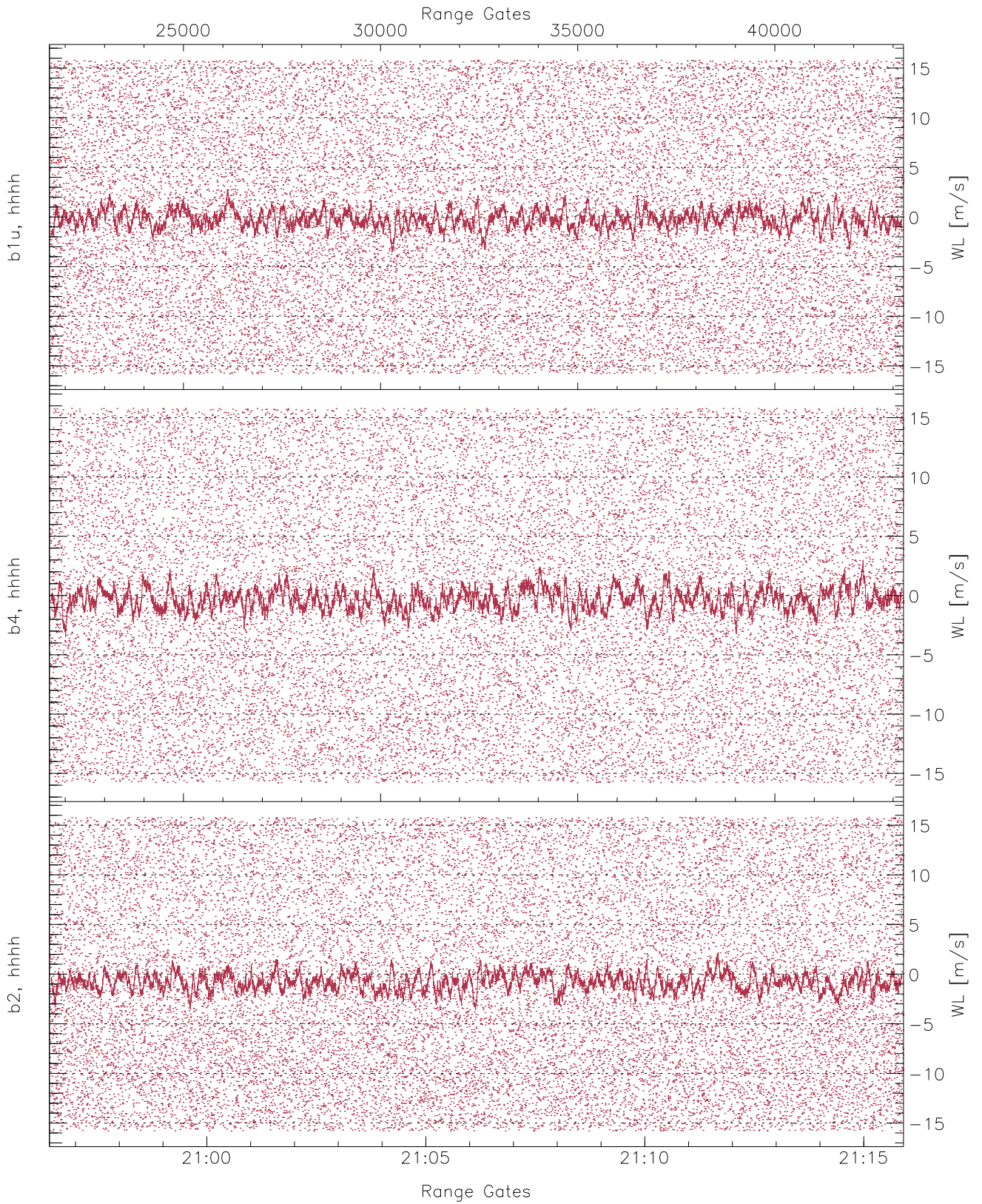
	Min	Max	Mean	Median	StDev
H1RG157_0 [dBm]	-64.60	-62.72	-63.56	-63.56	-76.24
H2RG257_0 [dBm]	-63.96	-62.17	-63.01	-63.02	-75.70
V2RG369_0 [dBm]	-64.42	-62.41	-63.38	-63.39	-76.08



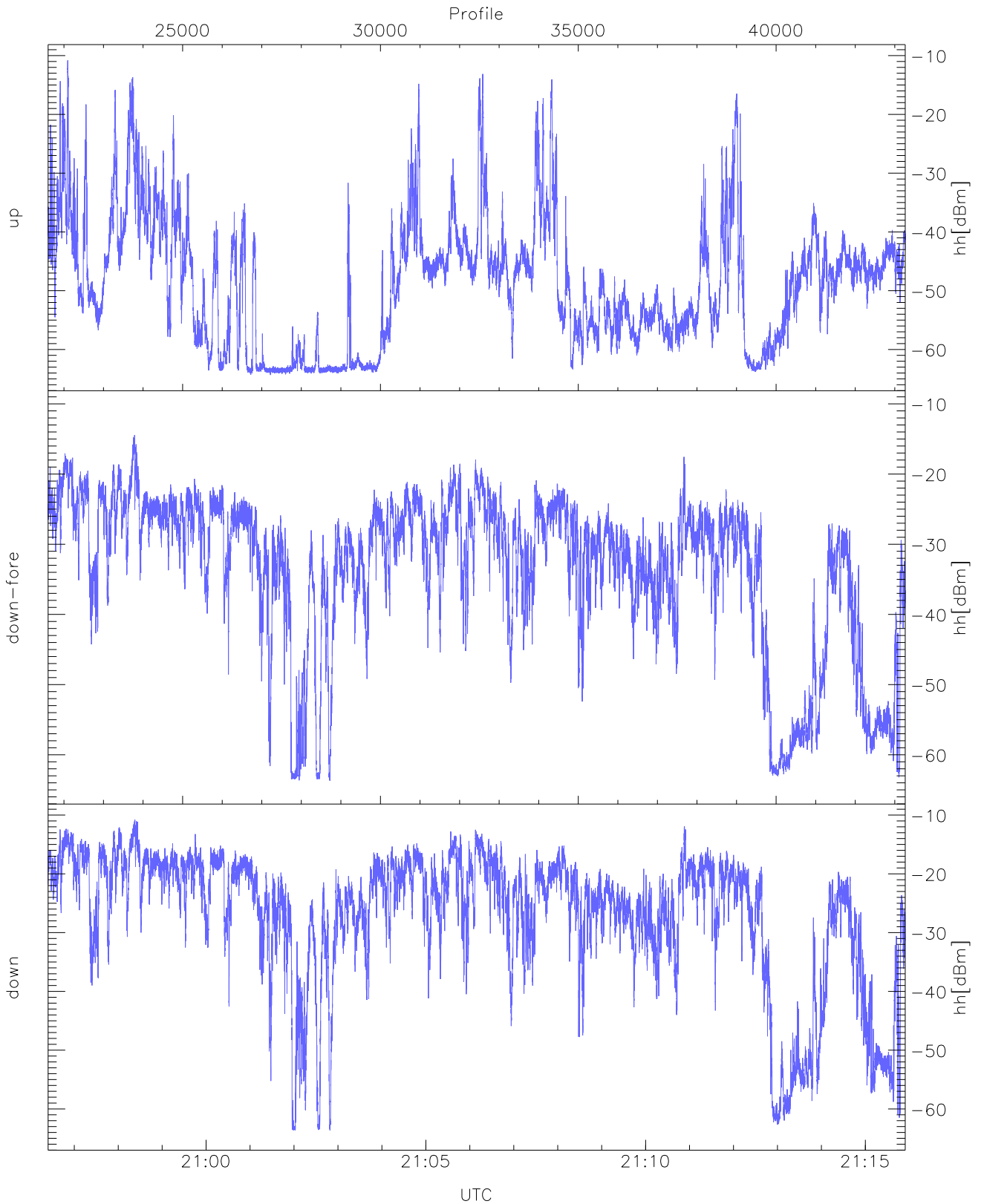
WCR2 CPP Averaged Received power for all recorded gates
blue: 205624-210609, 10833 profiles averaged
red: 210609-211554, 10833 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 205624-210609, 10833 profiles averaged
red: 210609-211554, 10833 profiles averaged

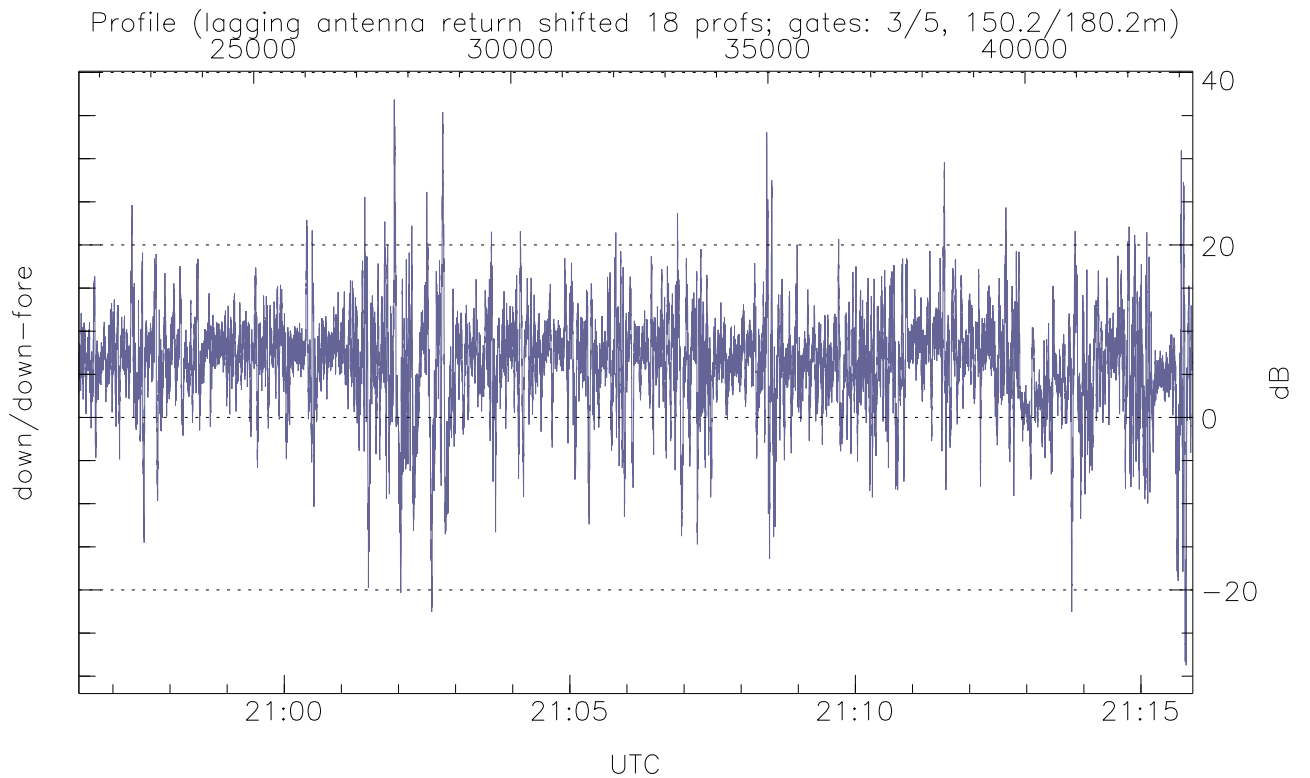
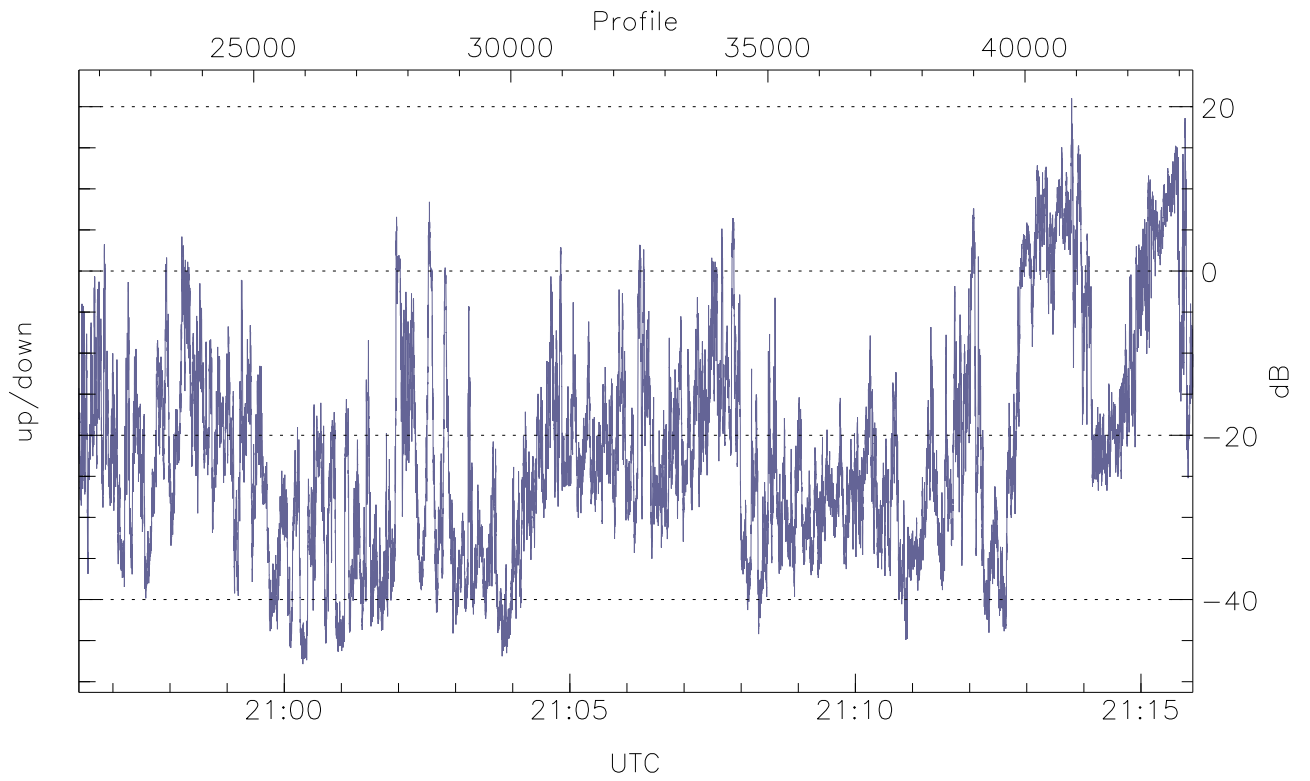


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



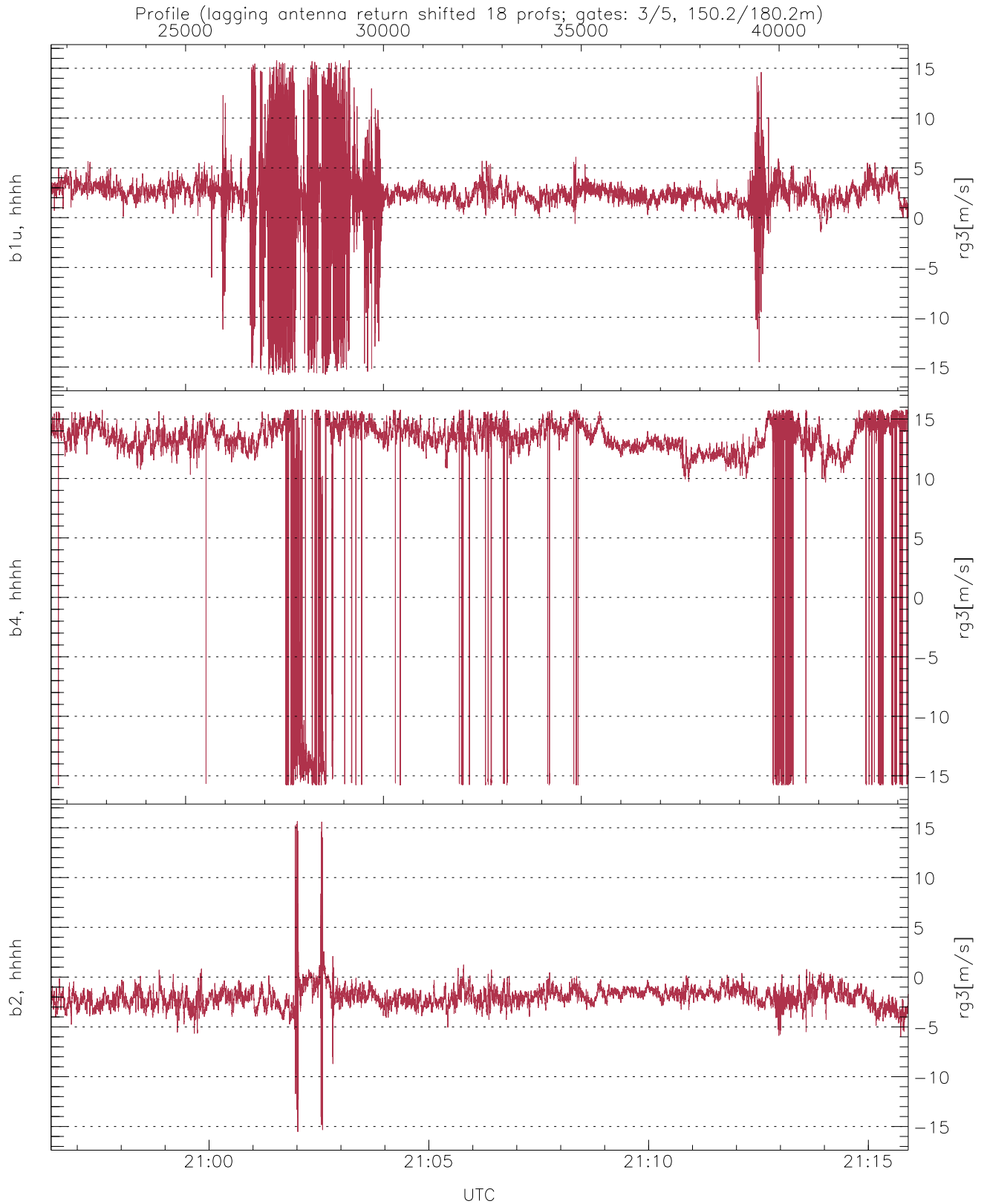
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-64.34	-10.81	-33.02
down-fore(hh[dBm])	-63.71	-14.44	-27.24
down(hh[dBm])	-63.64	-10.80	-21.03



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

	Min	Max	Mean
up/down (dB)	-47.85	21.02	-21.61
down/down-fore (dB)	-28.73	36.86	6.33



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.78	15.80	2.21	2.76
b4, hhhh(rg3[m/s])	-15.80	15.80	12.11	6.17
b2, hhhh(rg3[m/s])	-15.54	15.65	-2.00	1.12