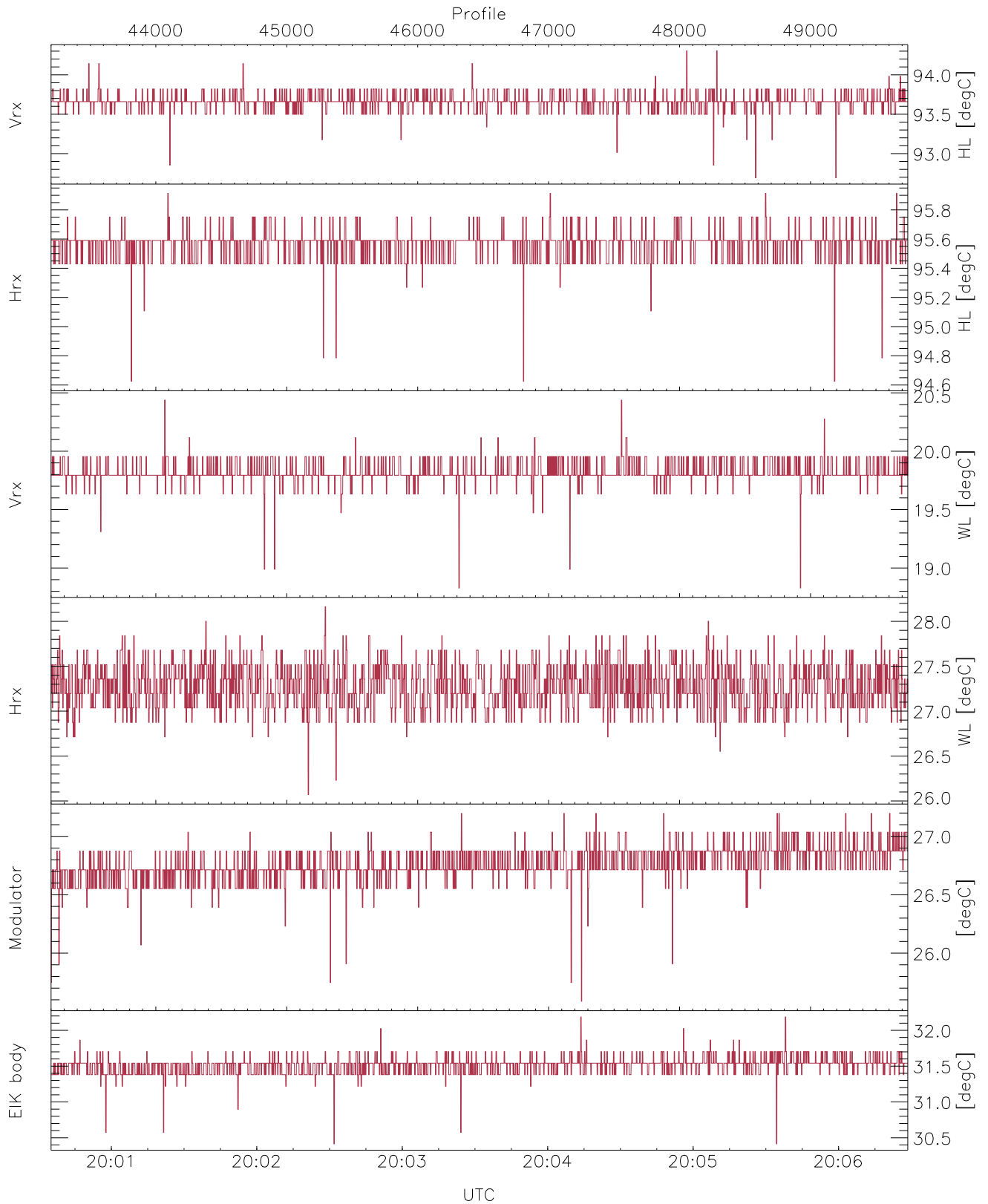


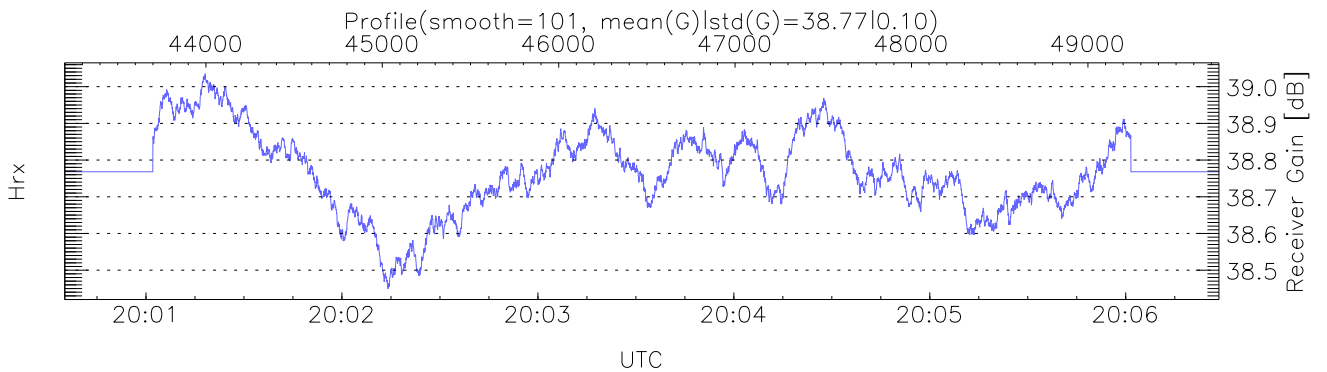
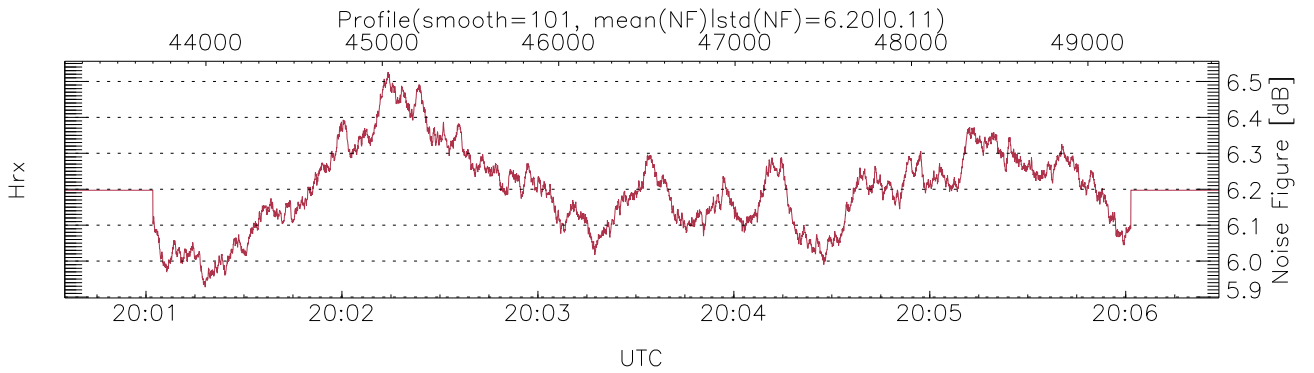
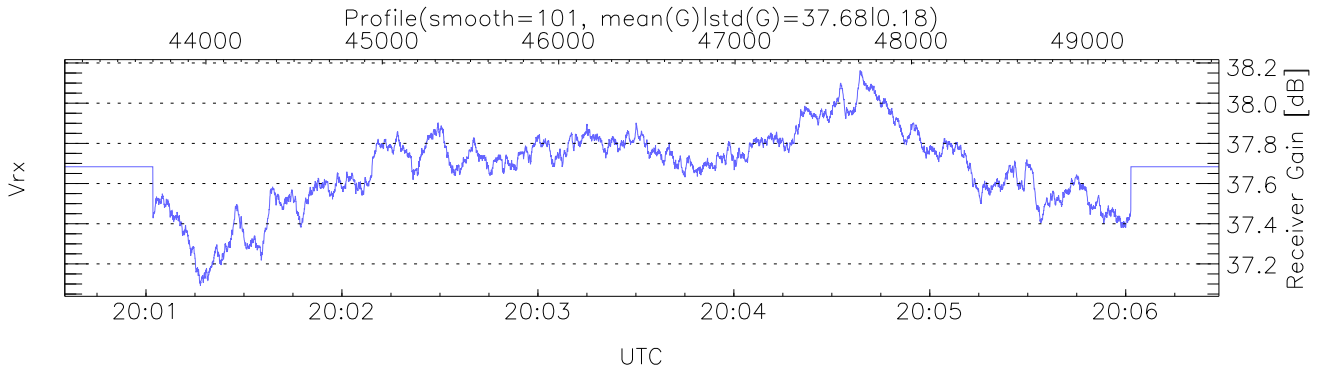
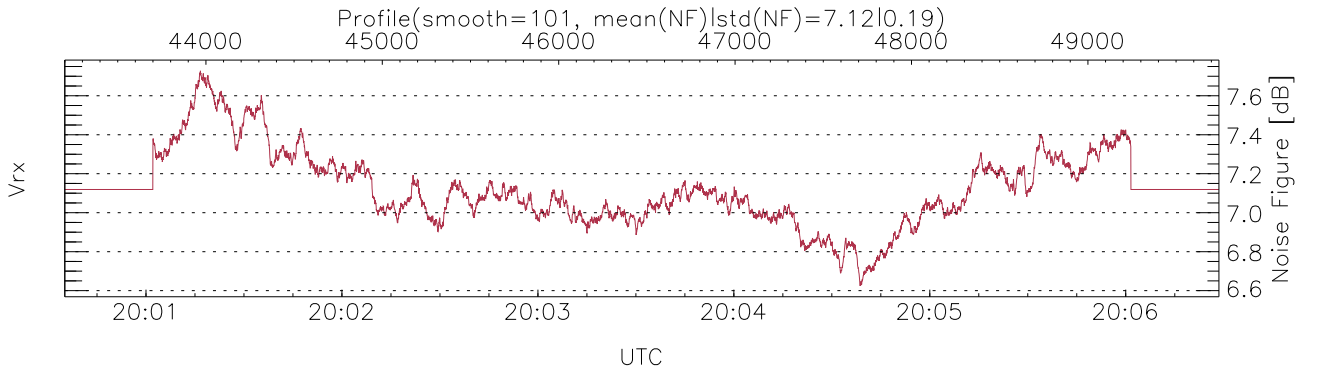
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 19:21:42-20:06:29, Dur: 2686.80s
 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): 6544/49744, 43200-49743/20:00:35-20:06:29
 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



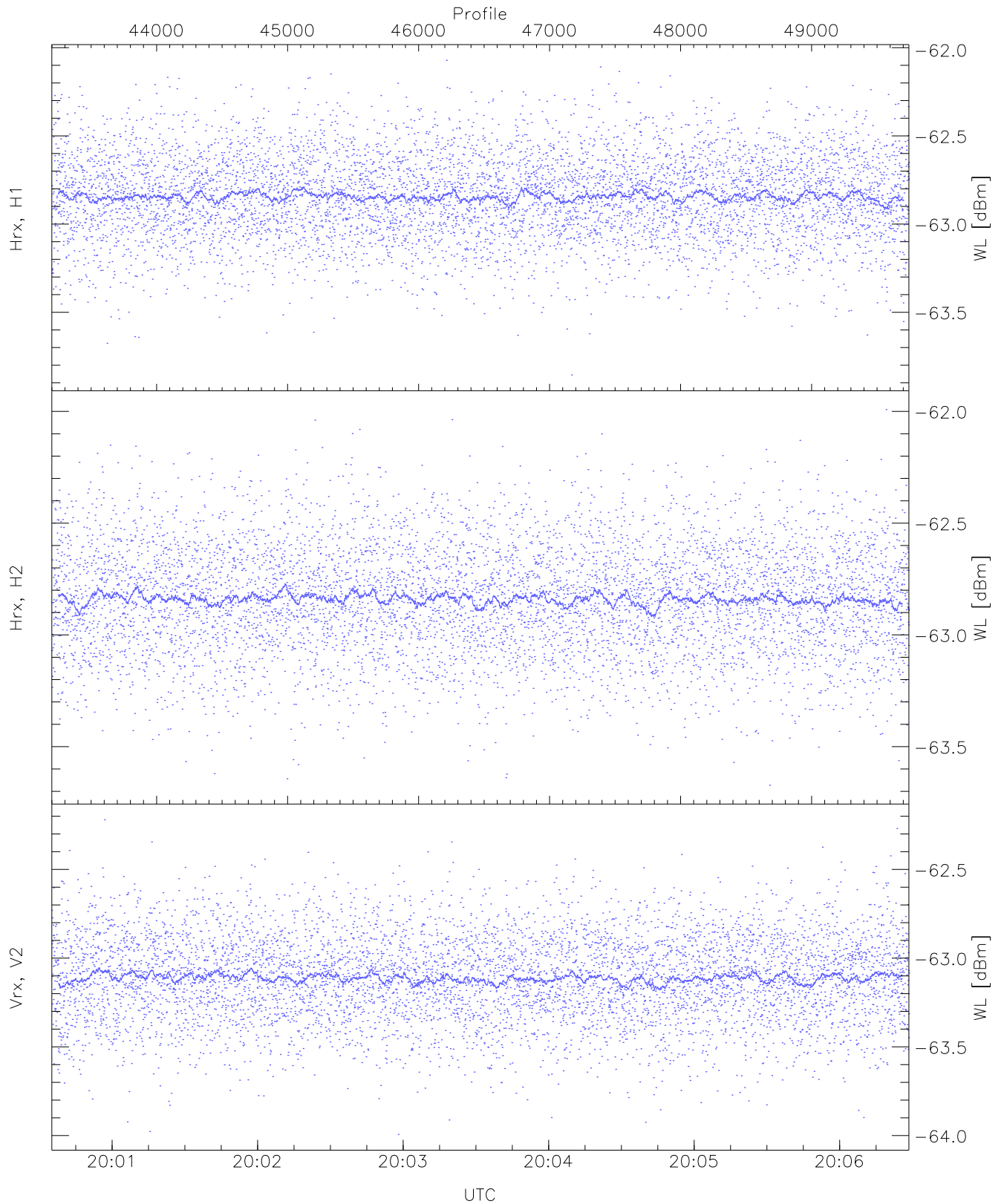
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,18,26,25,30
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,95,20,28,27,32
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF (4,4,4,4)



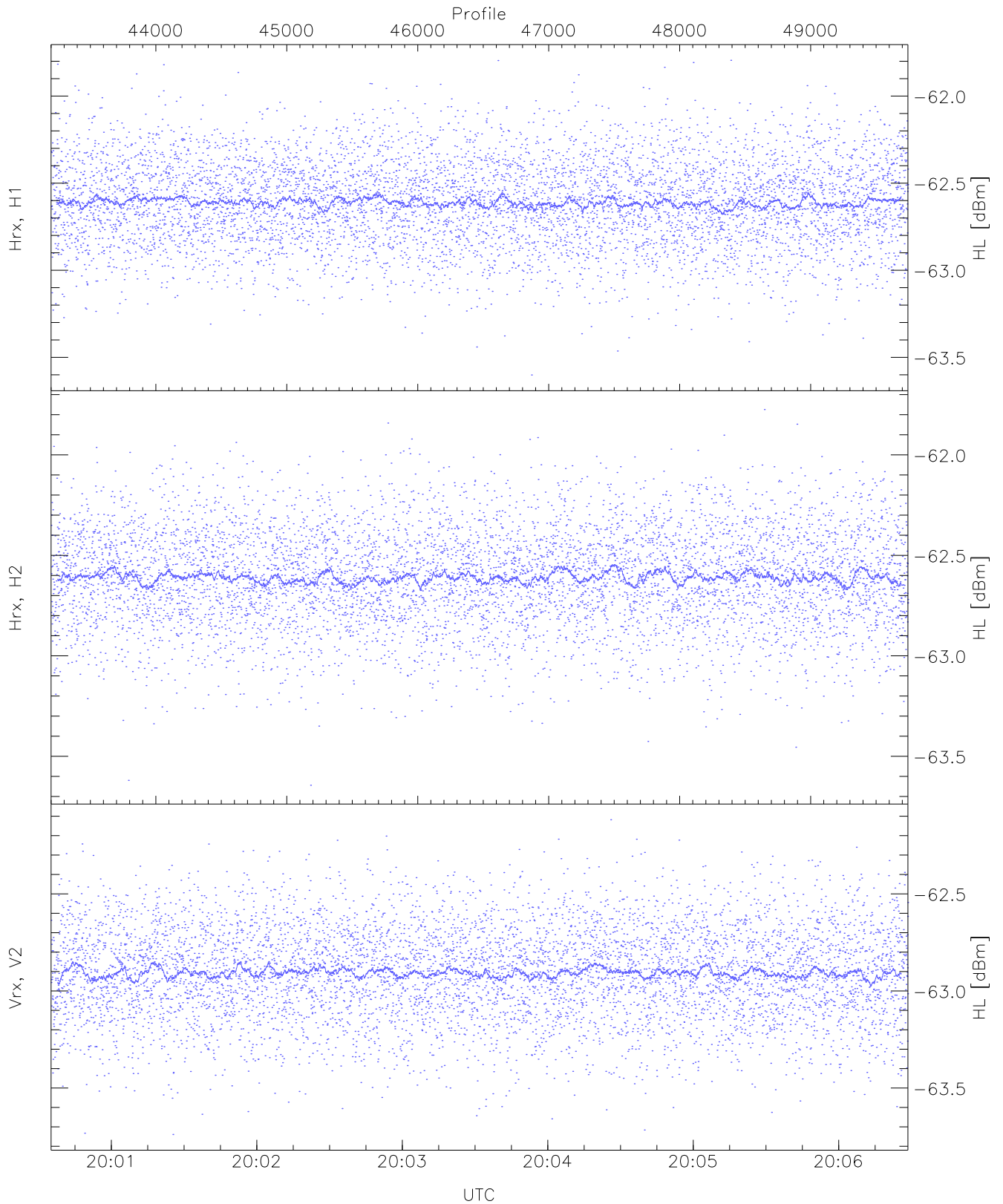
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 419 pixs, 31 gates, 418 profs, 1 prods



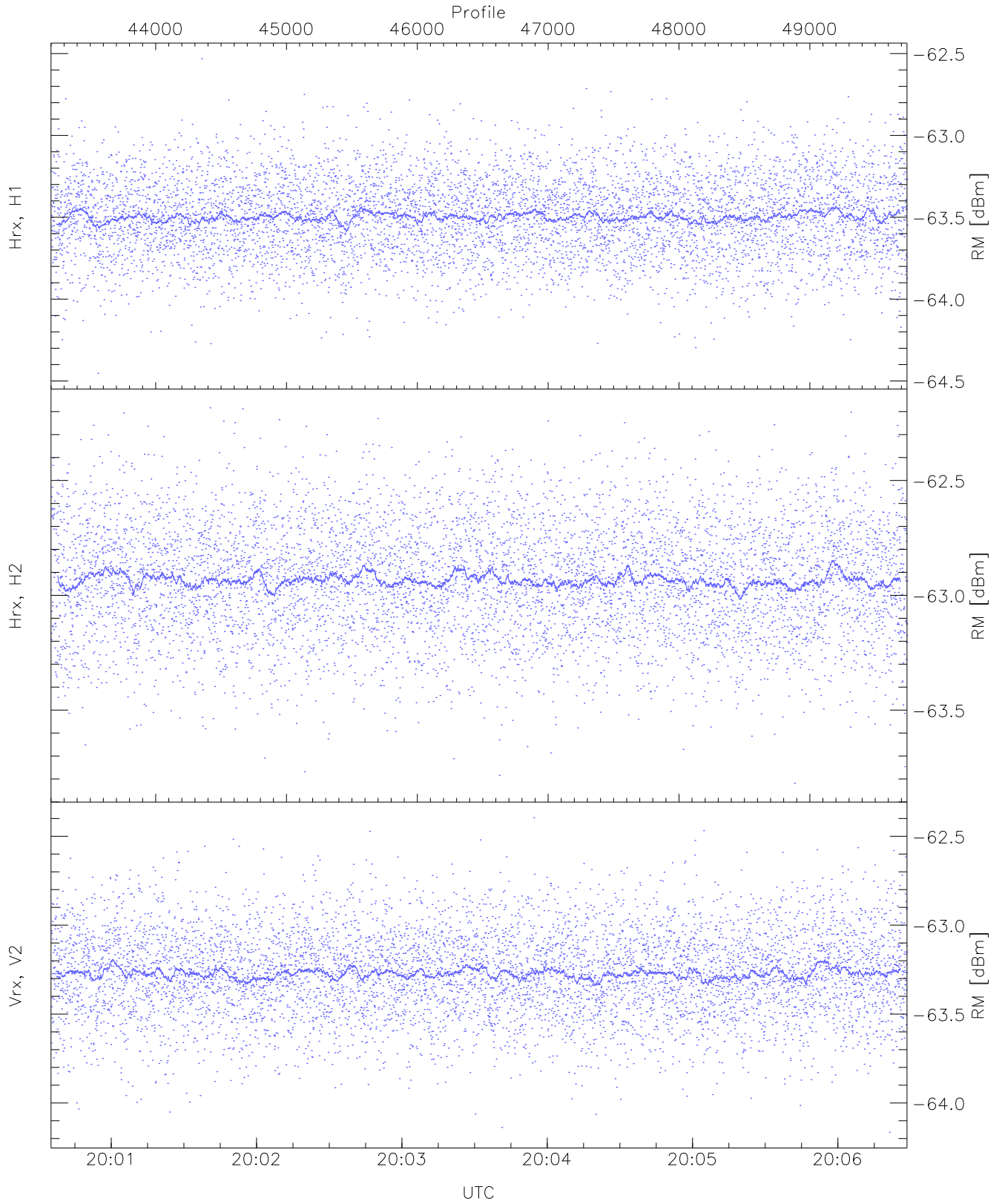
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-63.86	-62.07	-62.84	-62.84	-75.56
Hrx, H2 (WL [dBm])	-63.67	-61.99	-62.84	-62.84	-75.53
Vrx, V2 (WL [dBm])	-63.99	-62.22	-63.11	-63.11	-75.80



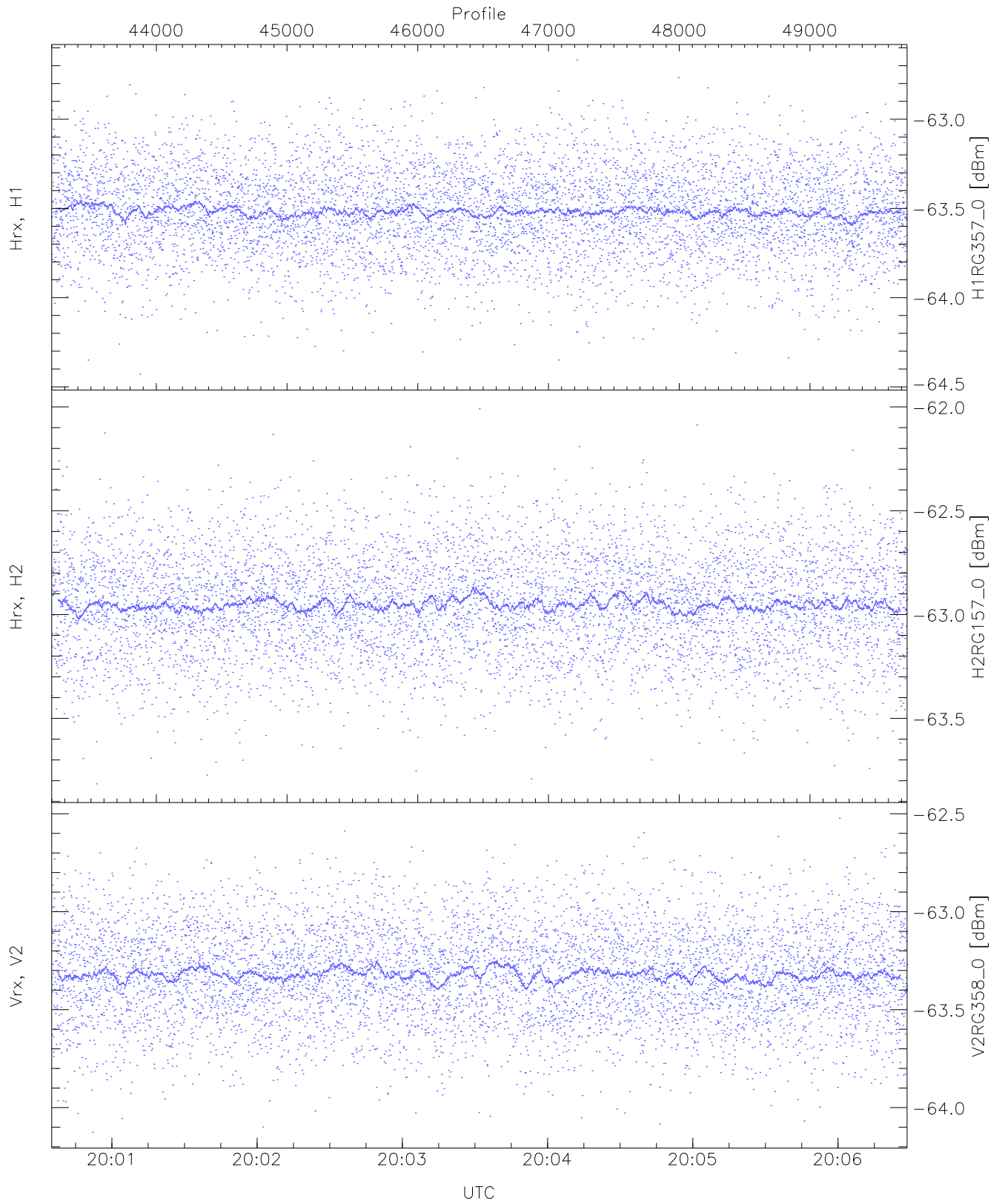
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.60	-61.79	-62.61	-62.61	-75.24
Hrx, H2 (HL [dBm])	-63.64	-61.77	-62.61	-62.61	-75.33
Vrx, V2 (HL [dBm])	-63.74	-62.12	-62.90	-62.90	-75.66



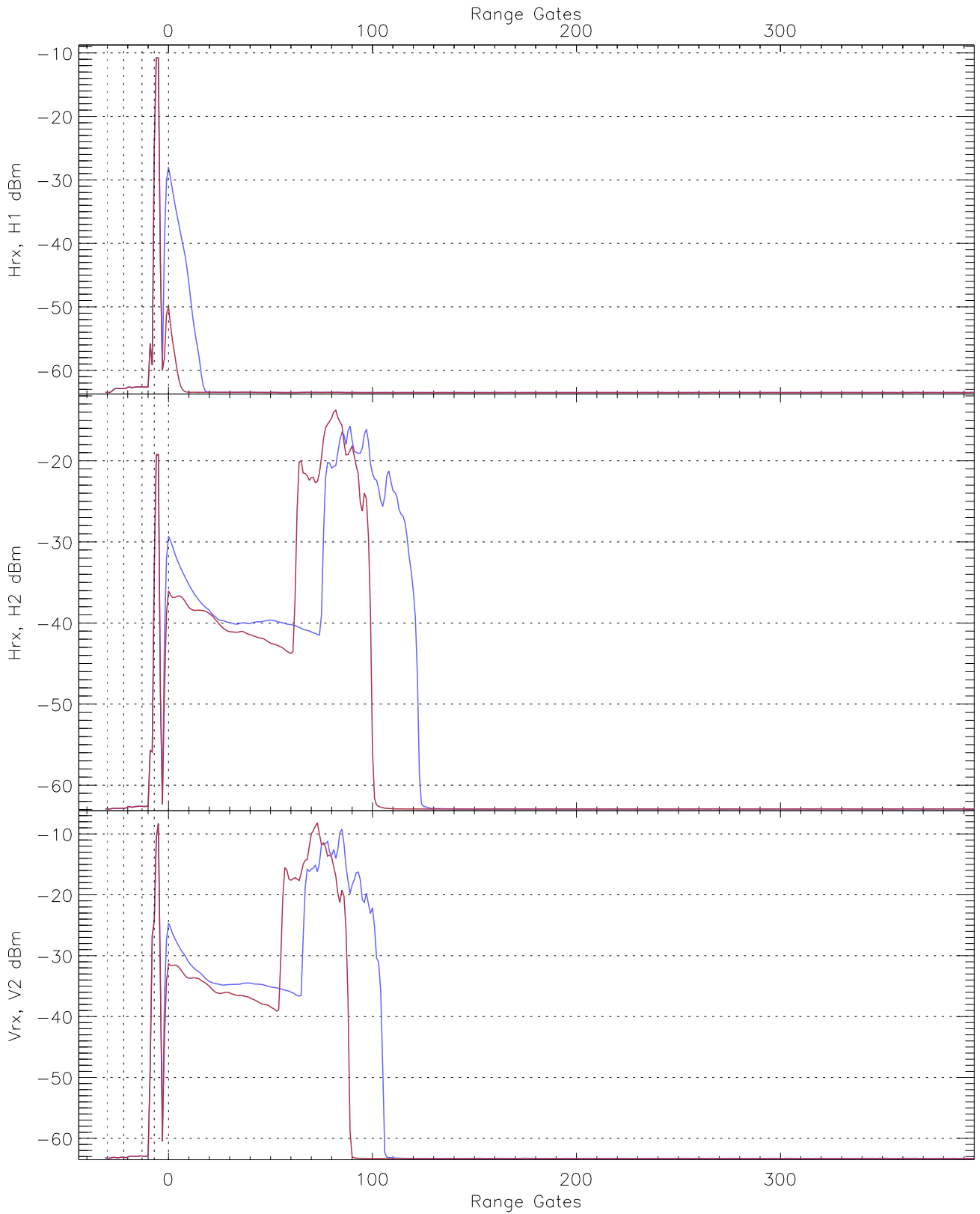
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.45	-62.53	-63.49	-63.49	-76.17
Hrx, H2 (RM [dBm])	-63.82	-62.18	-62.93	-62.93	-75.59
Vrx, V2 (RM [dBm])	-64.16	-62.40	-63.27	-63.27	-75.92

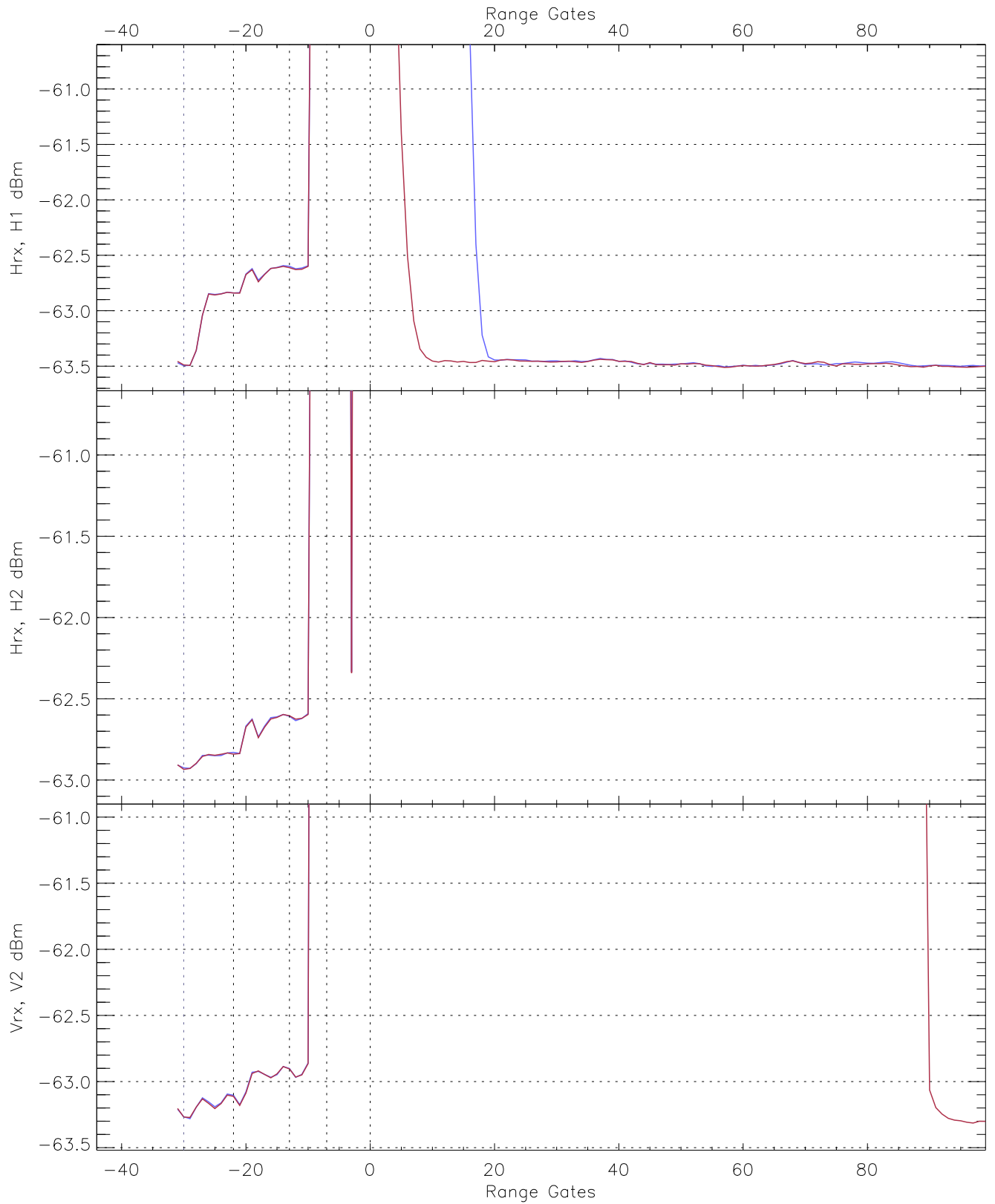


WCR2 CPP "Best" estimate Receivers Noise Power

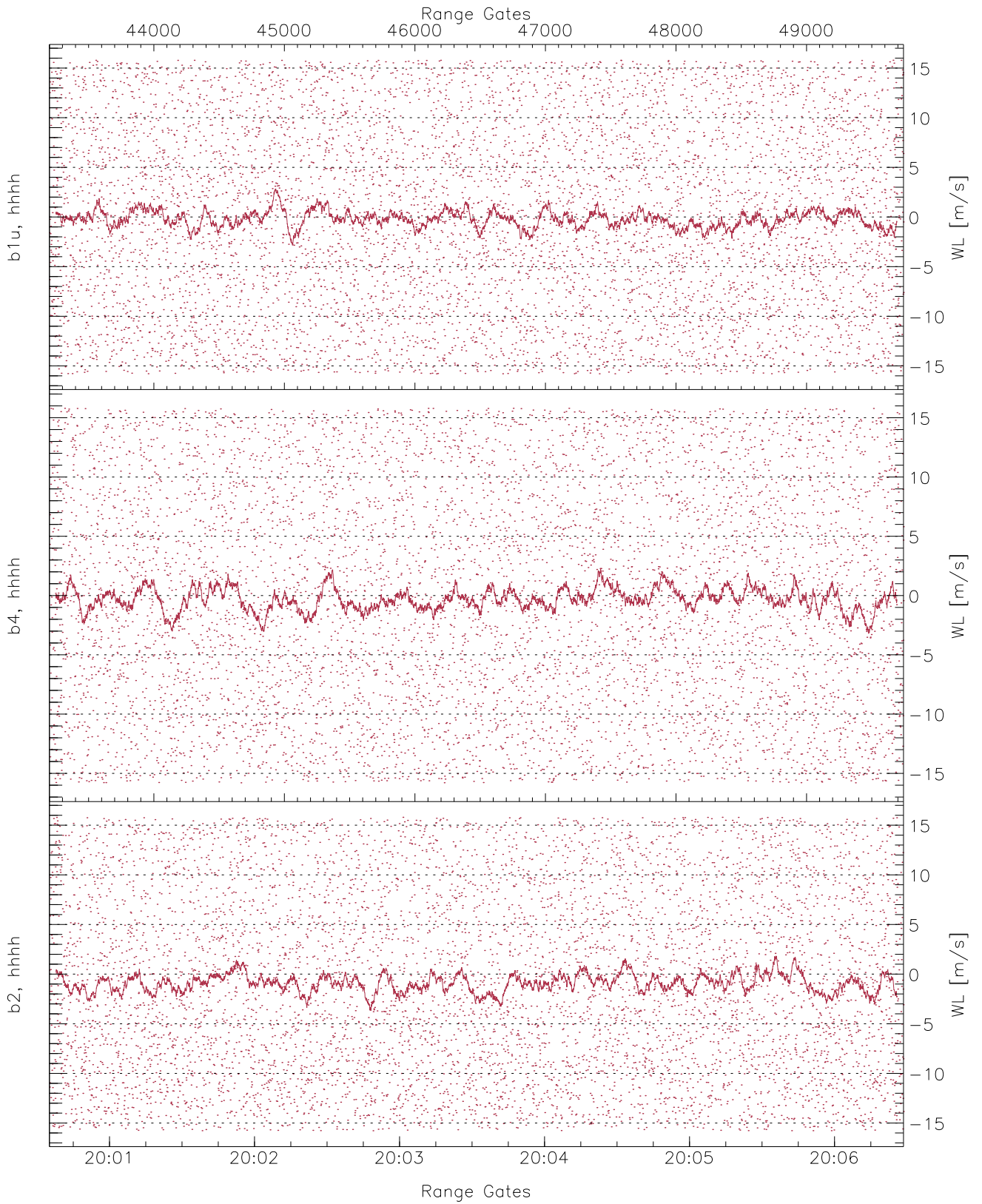
	Min	Max	Mean	Median	StDev
H1RG357_0 [dBm]	-64.43	-62.67	-63.51	-63.52	-76.23
H2RG157_0 [dBm]	-63.81	-62.01	-62.95	-62.95	-75.60
V2RG358_0 [dBm]	-64.13	-62.52	-63.32	-63.32	-76.05



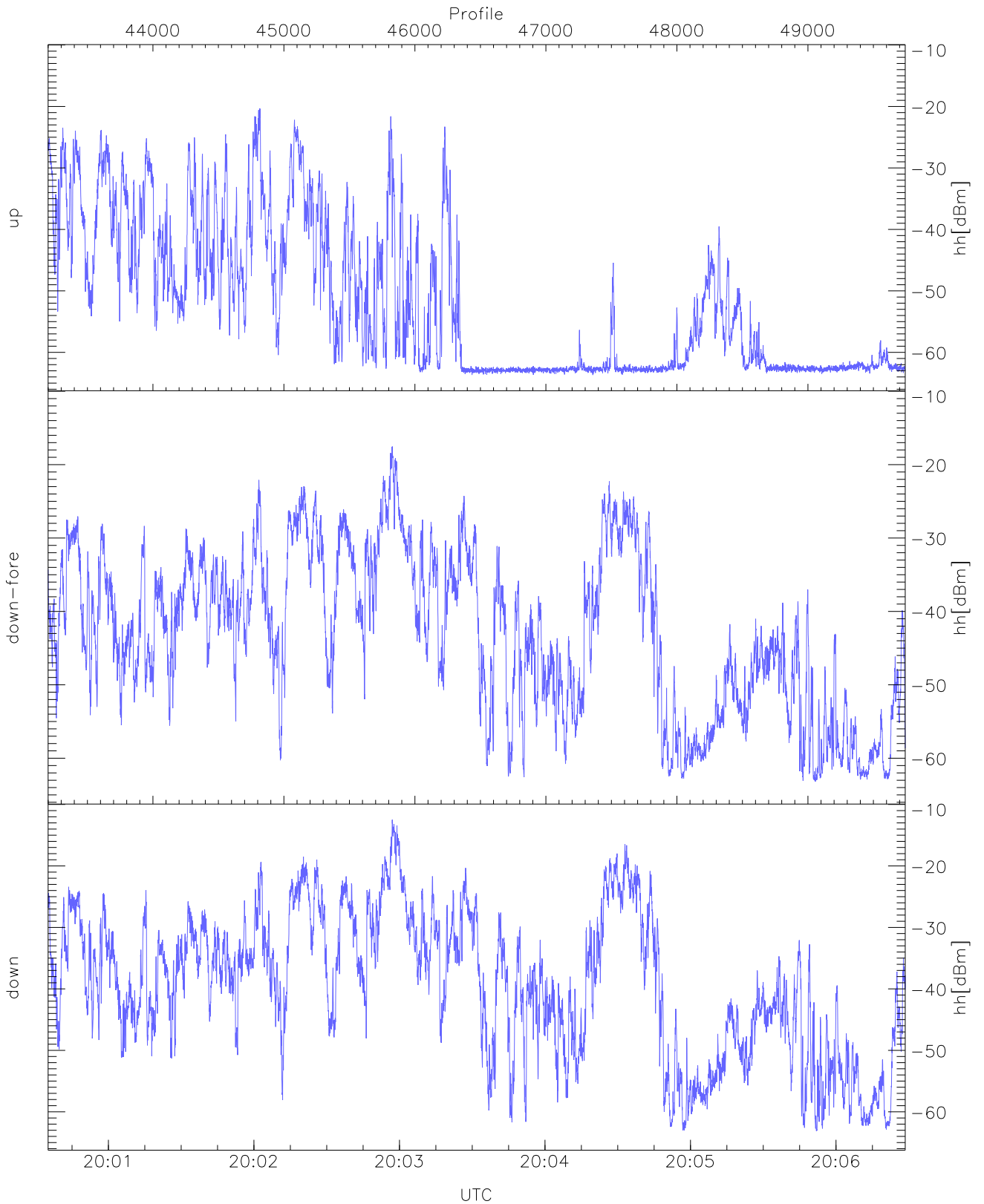
WCR2 CPP Averaged Received power for all recorded gates
blue: 200035-200332, 3273 profiles averaged
red: 200332-200629, 3272 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 200035-200332, 3273 profiles averaged
red: 200332-200629, 3272 profiles averaged

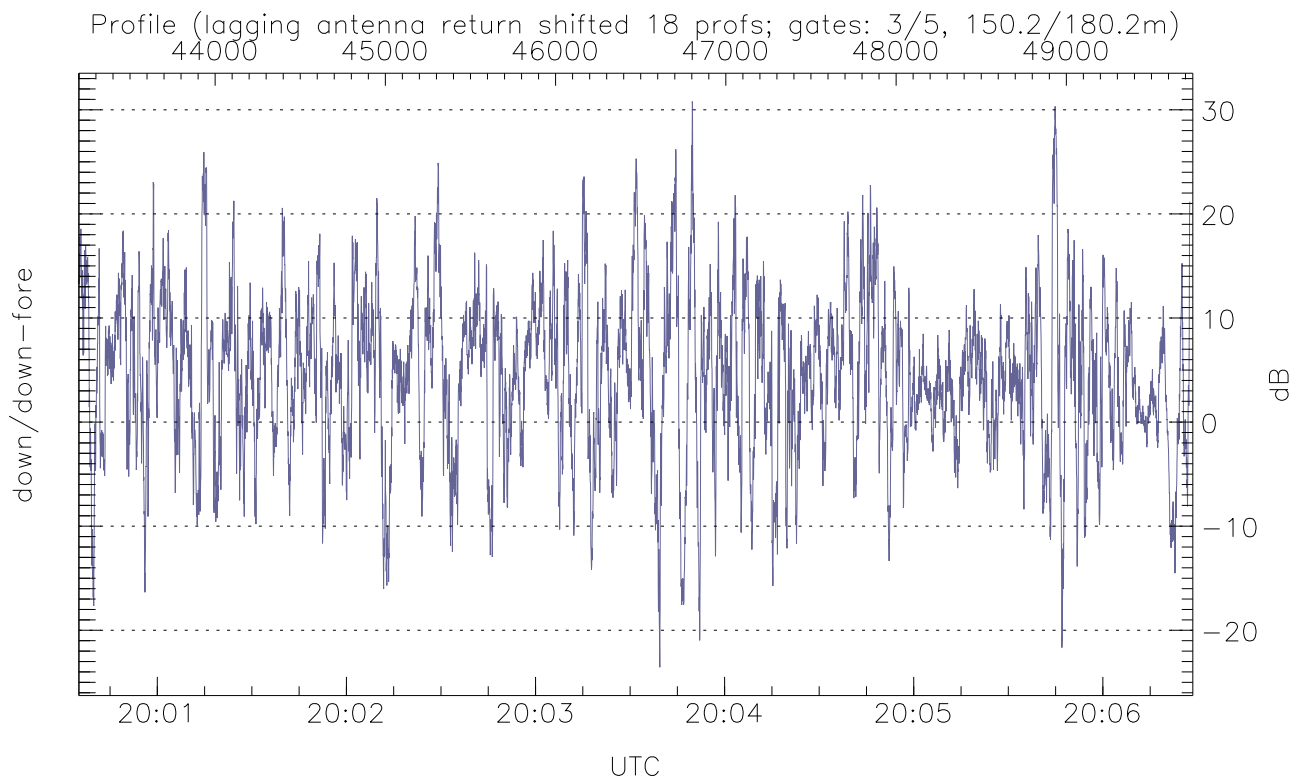
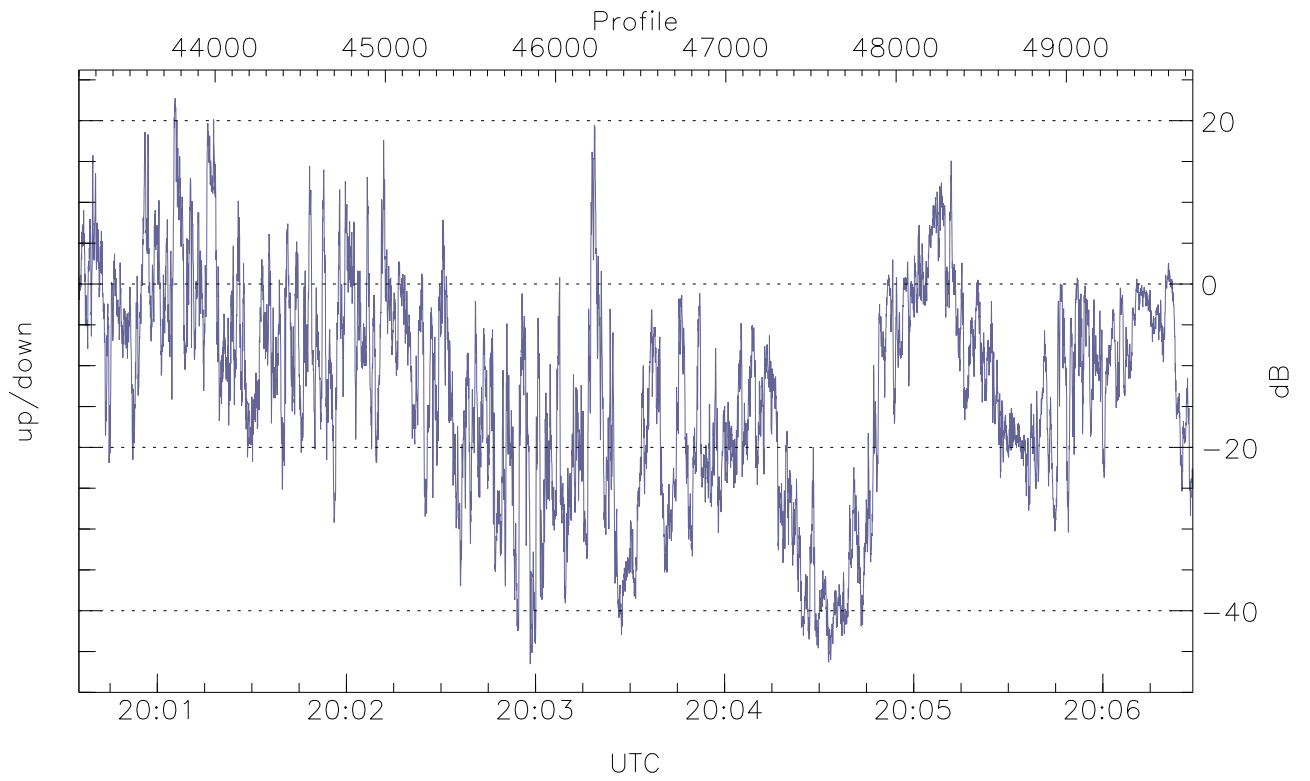


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



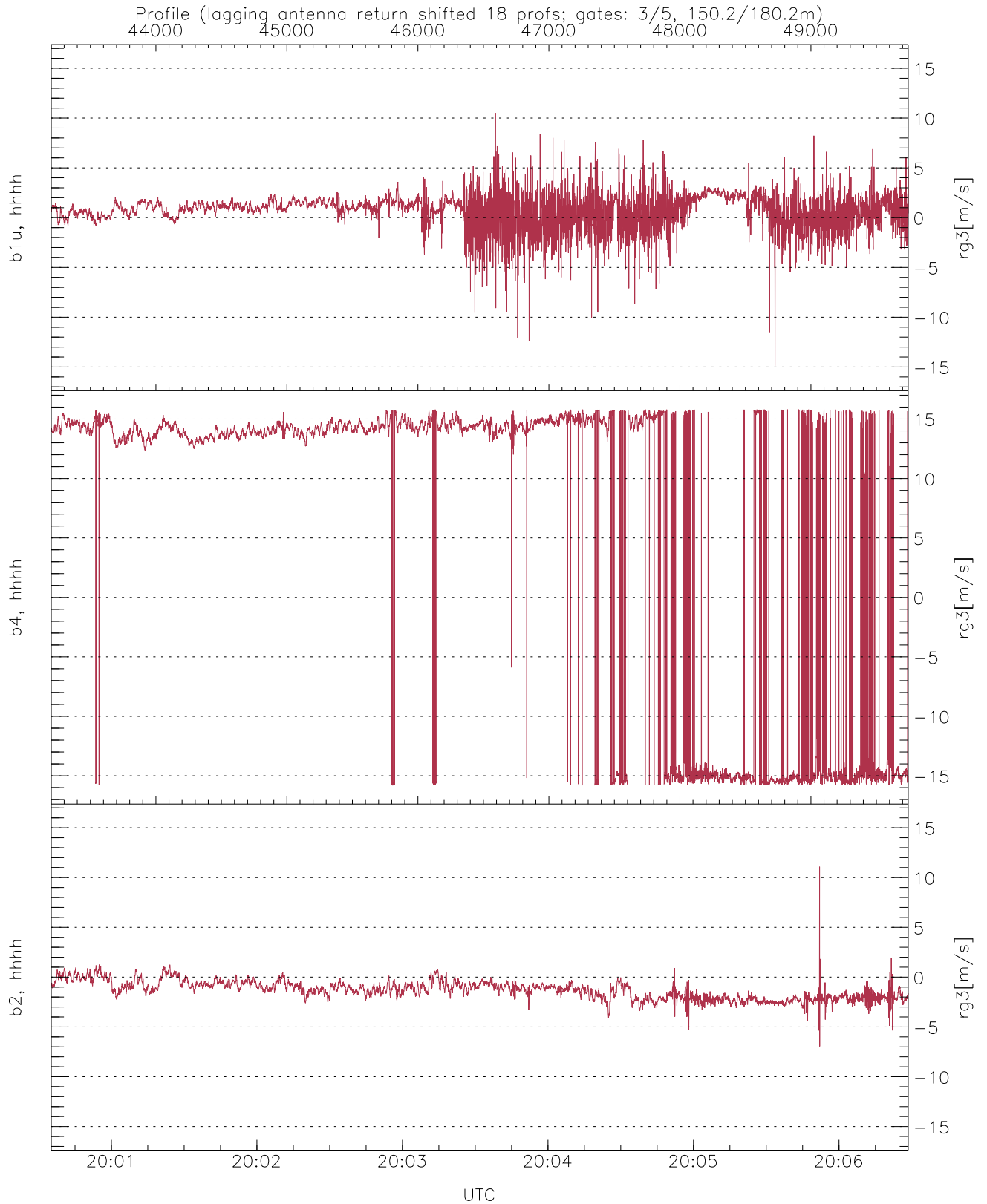
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.68	-20.30	-36.60
down-fore(hh[dBm])	-63.17	-17.53	-33.29
down(hh[dBm])	-63.08	-12.49	-28.79



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

	Min	Max	Mean
up/down (dB)	-46.53	22.74	-12.80
down/down-fore (dB)	-23.55	30.80	4.54



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-14.88	10.52	0.72	1.60
b4, hhhh(rg3[m/s])	-15.80	15.80	6.28	13.15
b2, hhhh(rg3[m/s])	-6.95	11.09	-1.31	0.92