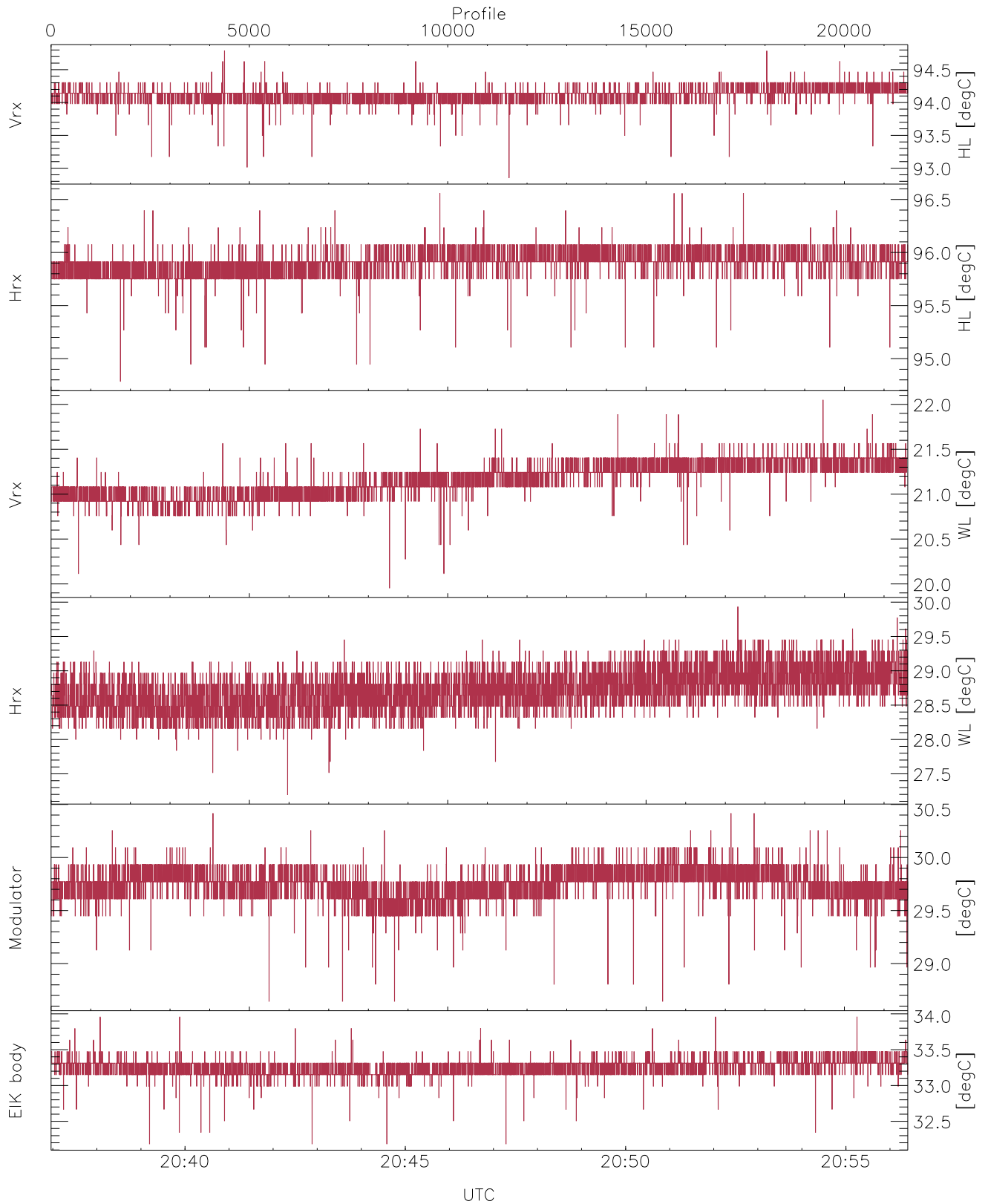


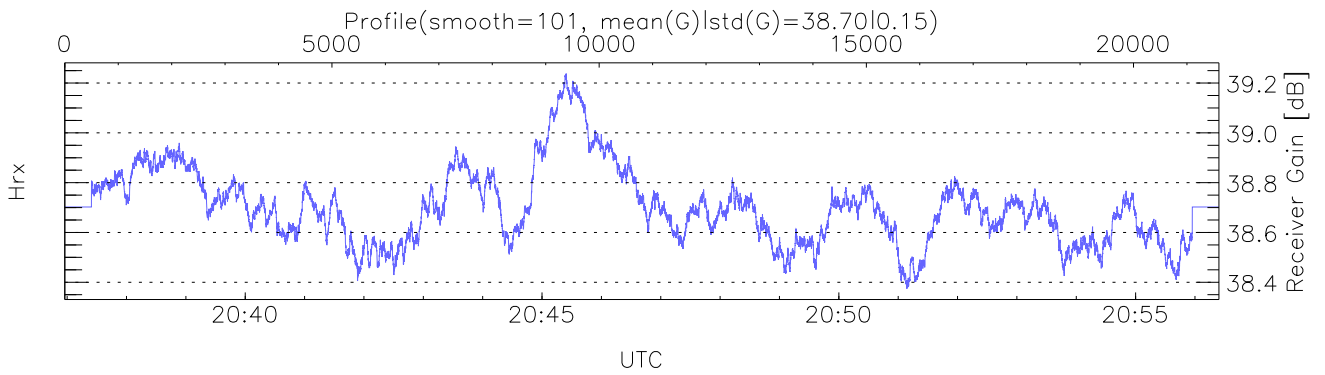
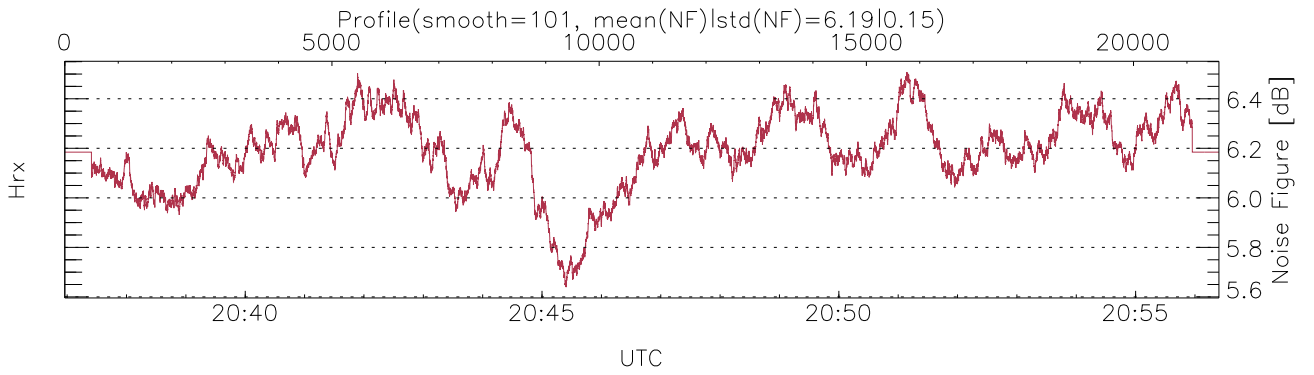
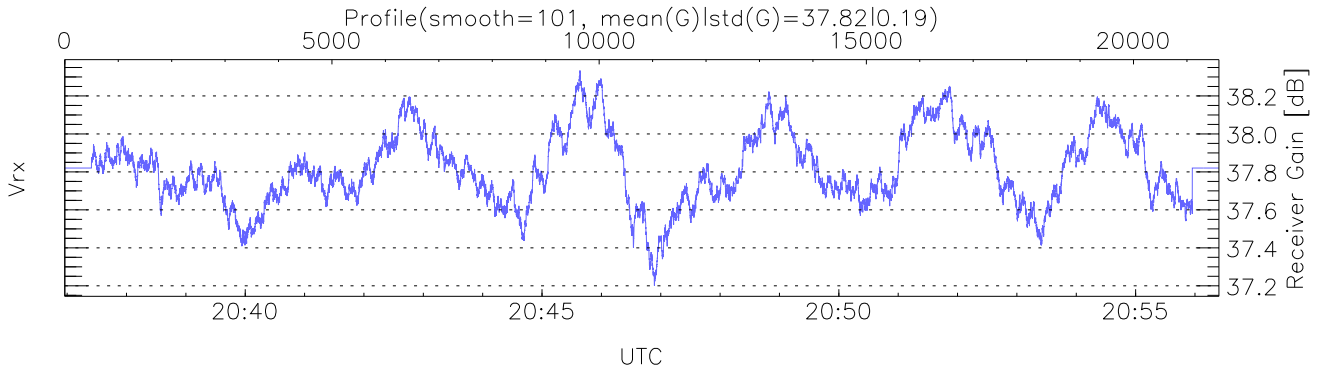
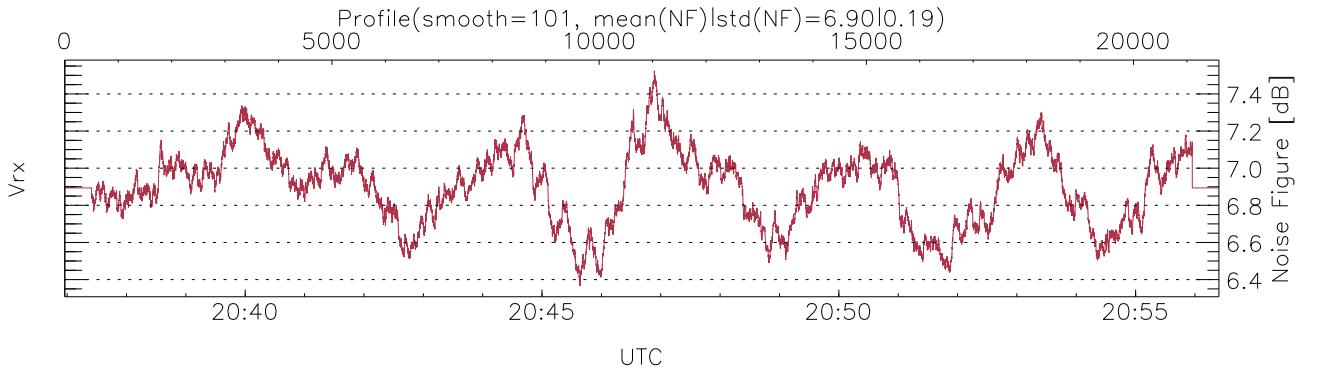
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

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): 21600/43265, 0-21599/20:36:58-20:56:24
 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



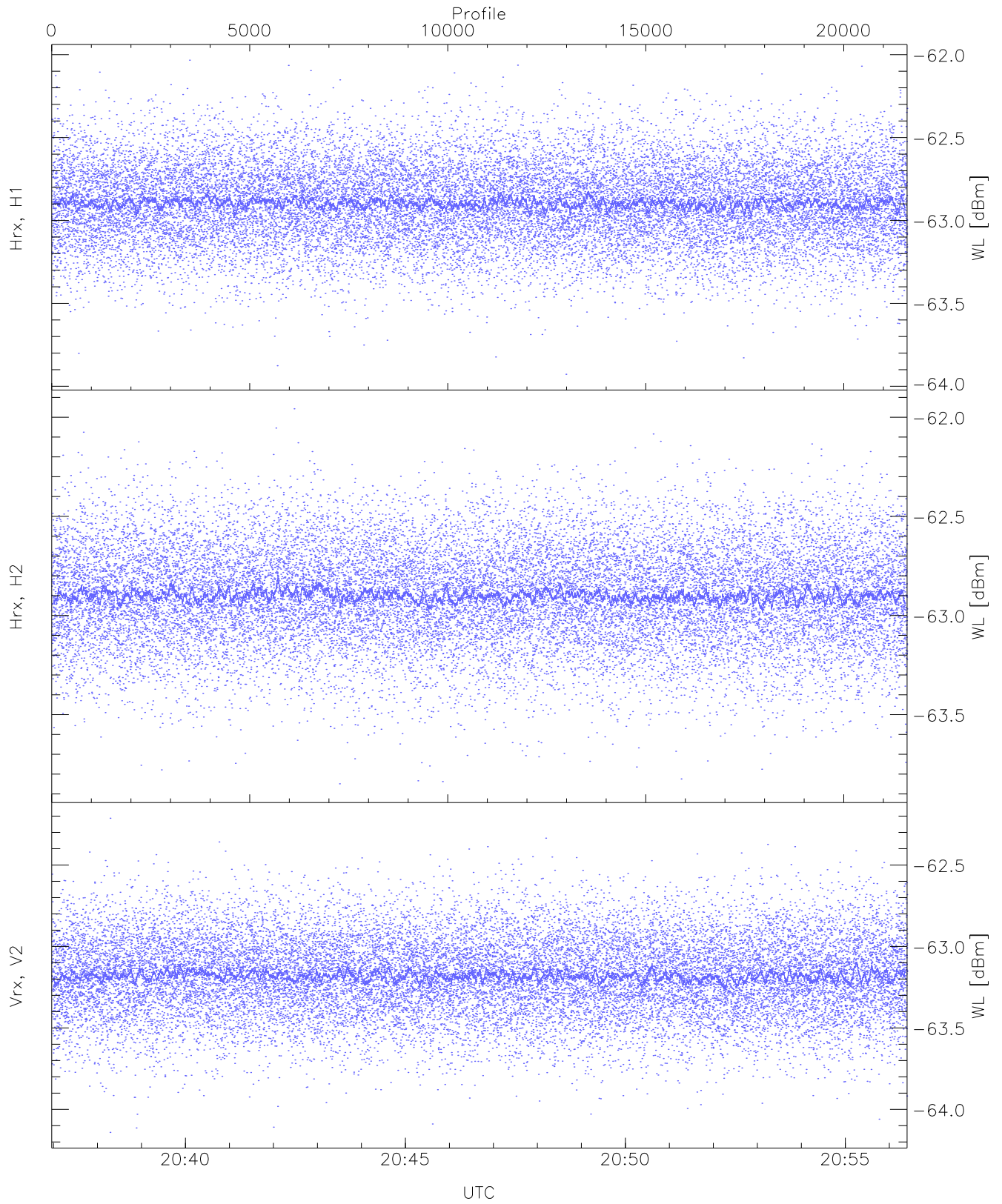
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,19,27,28,32`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,22,29,30,33`
`LOalarm(20,80,240,2.8,14.8 MHz): None`
`EIK Faults(# prof affected):`
`DeckT,ColIT,BodyCurr,DeckF,OverDuty (20,15,20,25,20)`



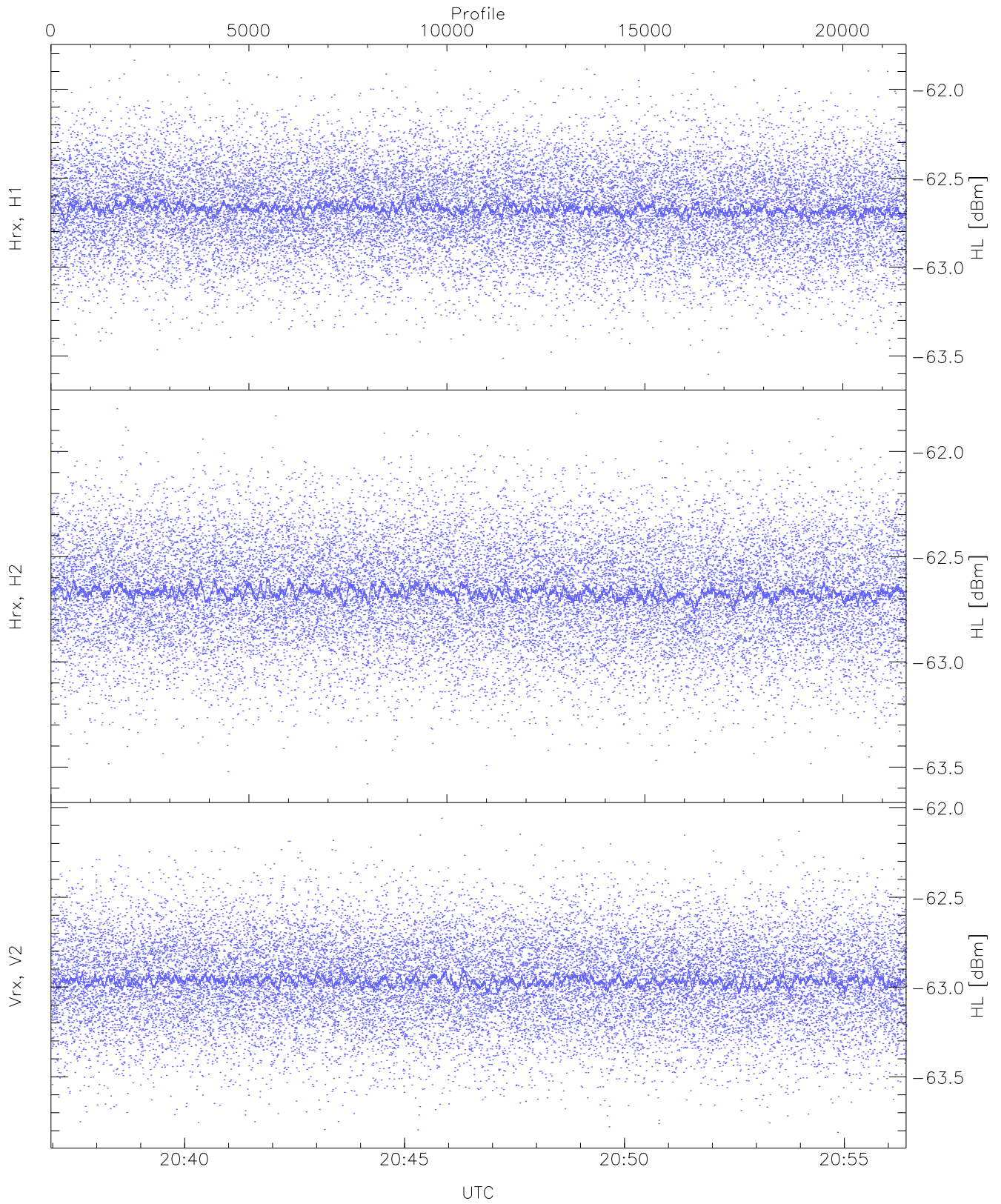
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 2014 pixs, 54 gates, 1963 profs, 2 prods



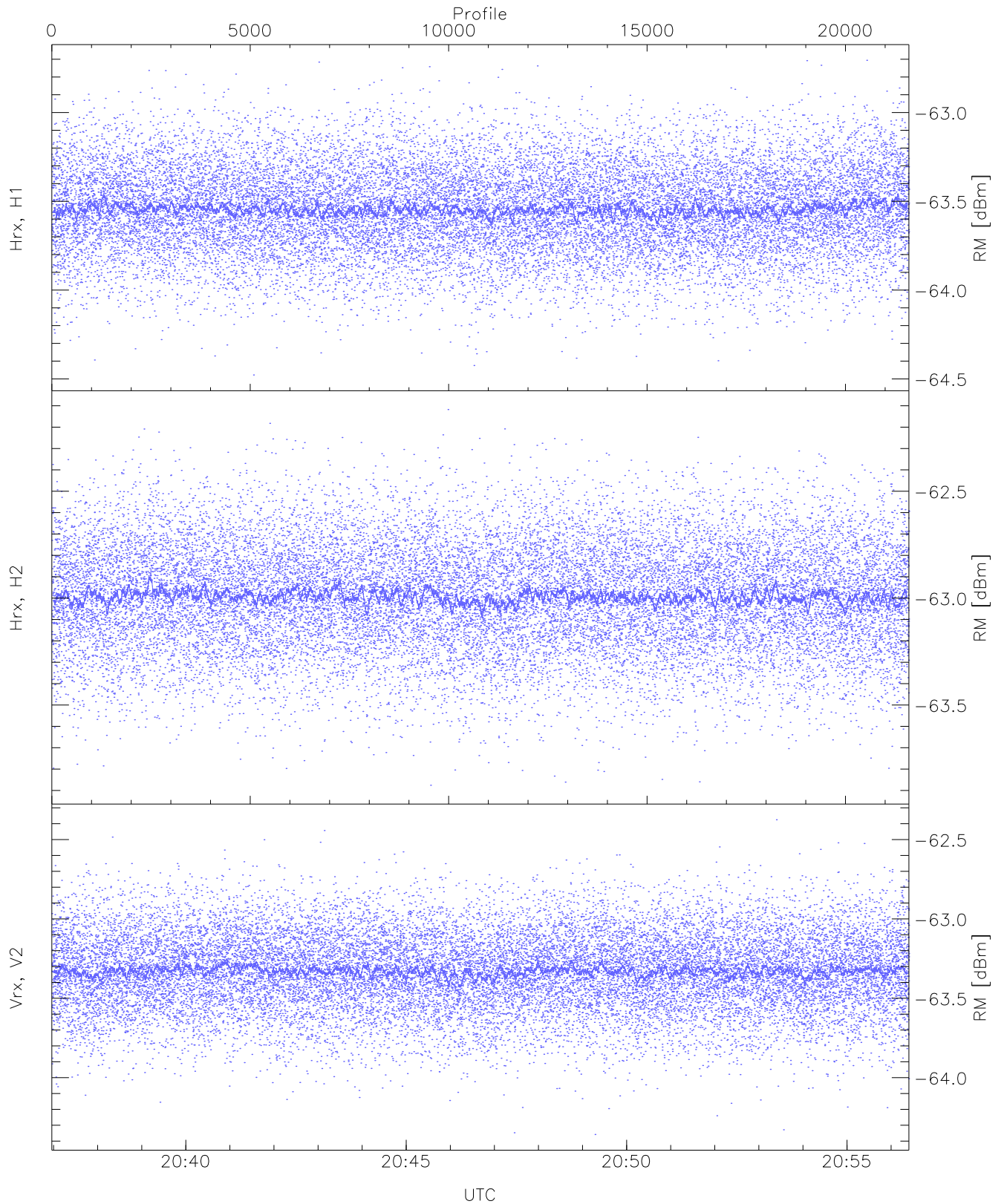
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-63.93	-62.03	-62.89	-62.90	-75.62
Hrx, H2 (WL [dBm])	-63.85	-61.96	-62.90	-62.90	-75.57
Vrx, V2 (WL [dBm])	-64.14	-62.21	-63.18	-63.18	-75.89



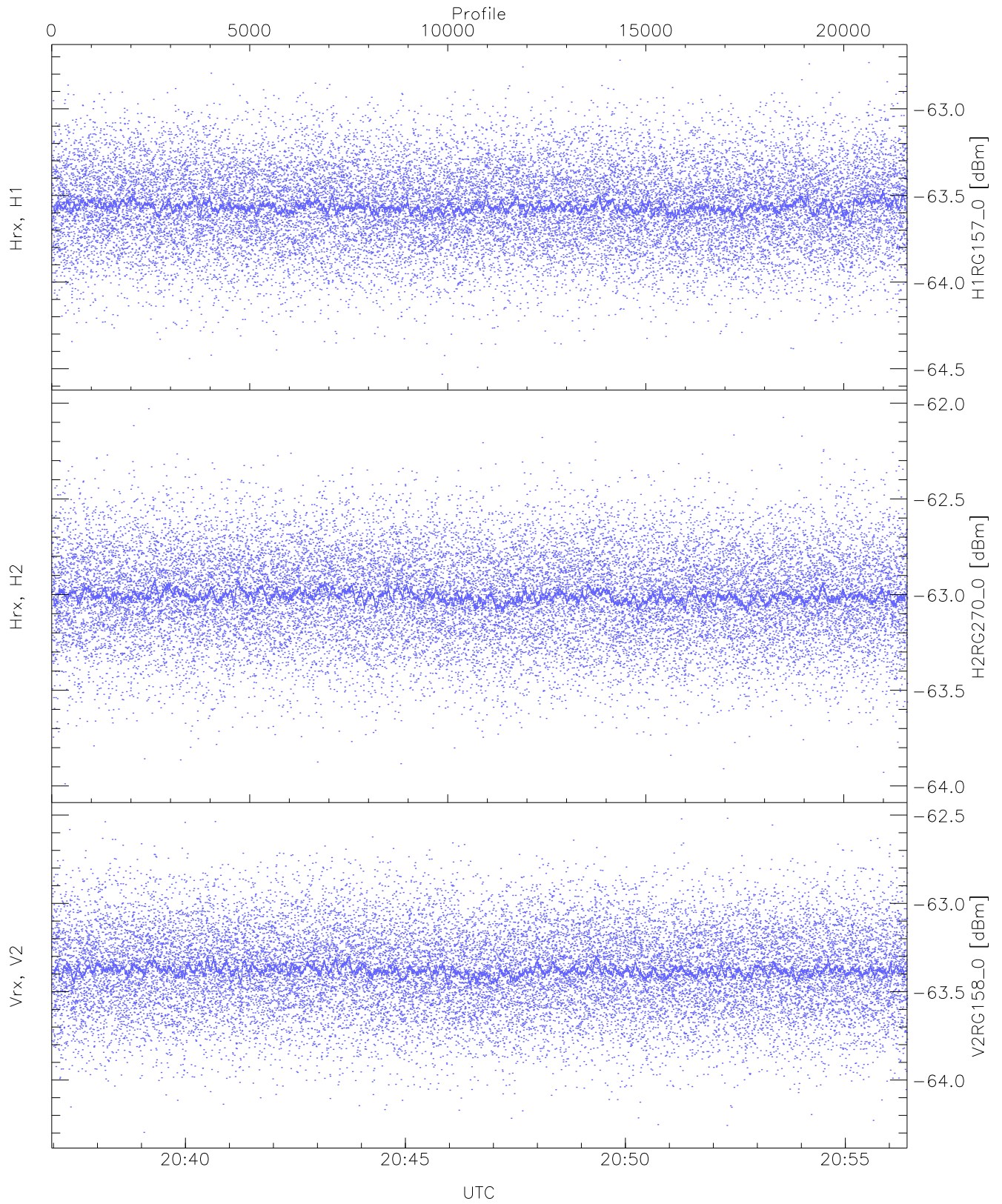
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.60	-61.84	-62.67	-62.67	-75.38
Hrx, H2 (HL [dBm])	-63.58	-61.80	-62.67	-62.67	-75.36
Vrx, V2 (HL [dBm])	-63.81	-62.06	-62.96	-62.97	-75.64



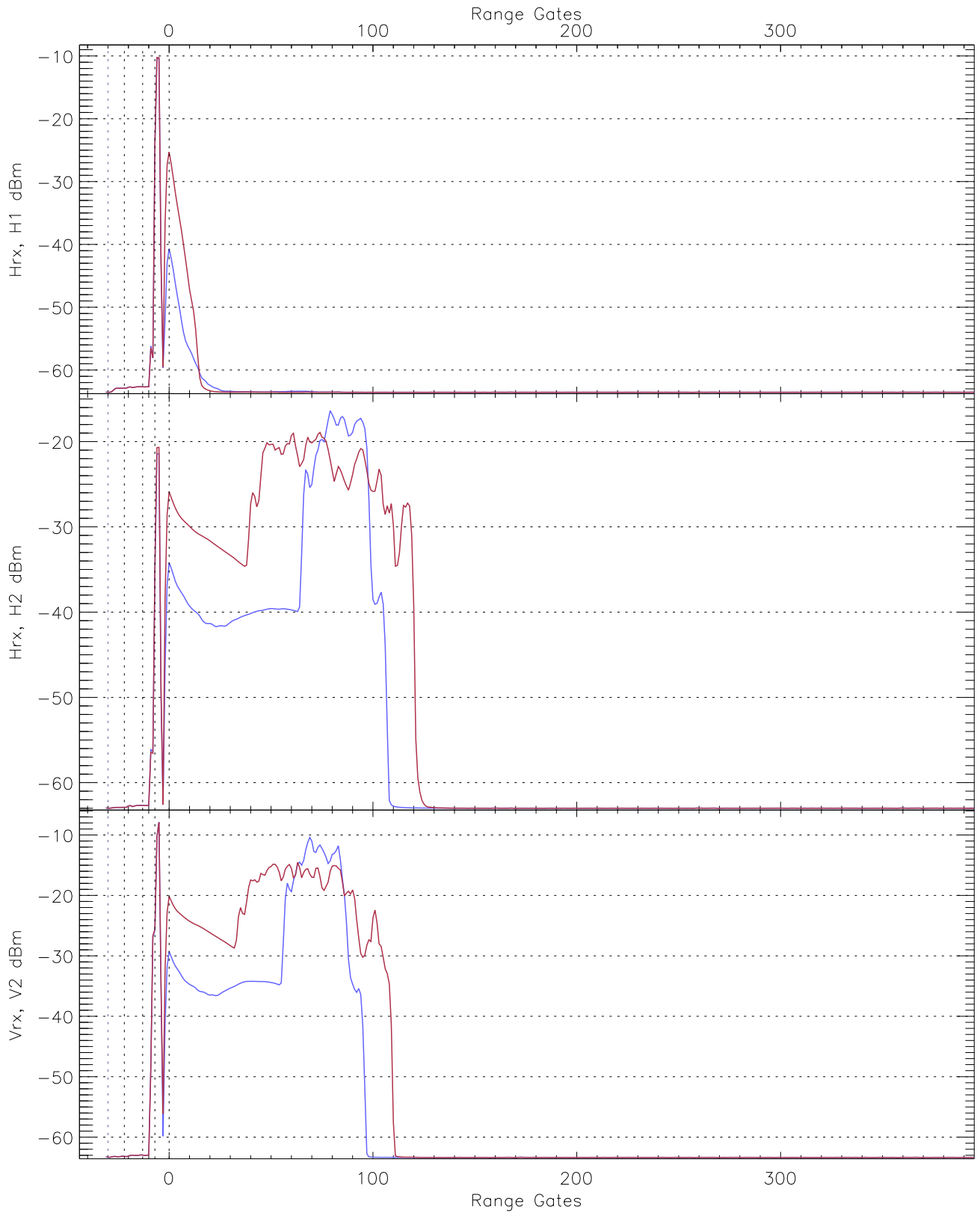
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.48	-62.71	-63.54	-63.55	-76.26
Hrx, H2 (RM [dBm])	-63.88	-62.12	-62.99	-62.99	-75.67
Vrx, V2 (RM [dBm])	-64.36	-62.38	-63.33	-63.33	-76.02

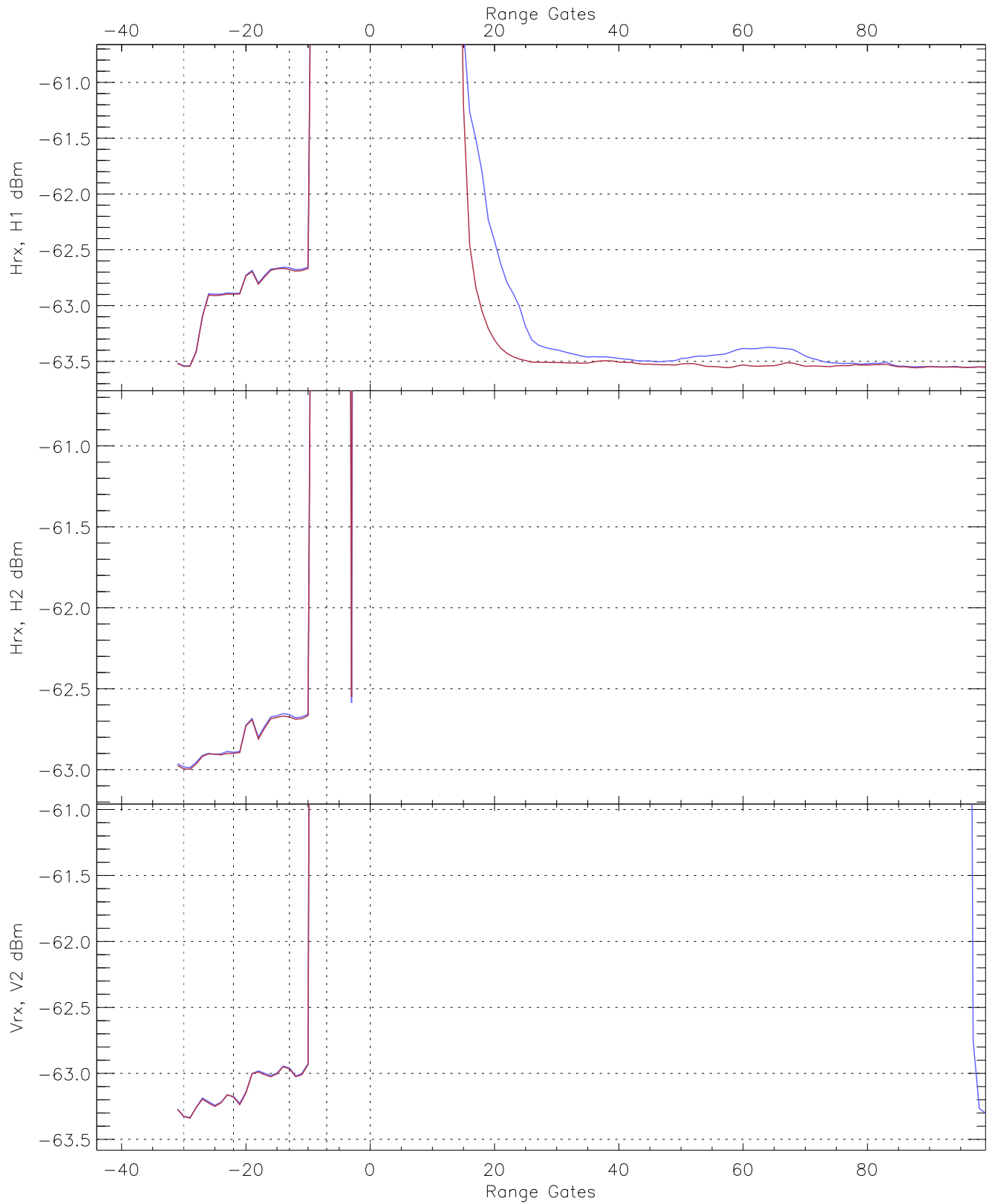


WCR2 CPP "Best" estimate Receivers Noise Power

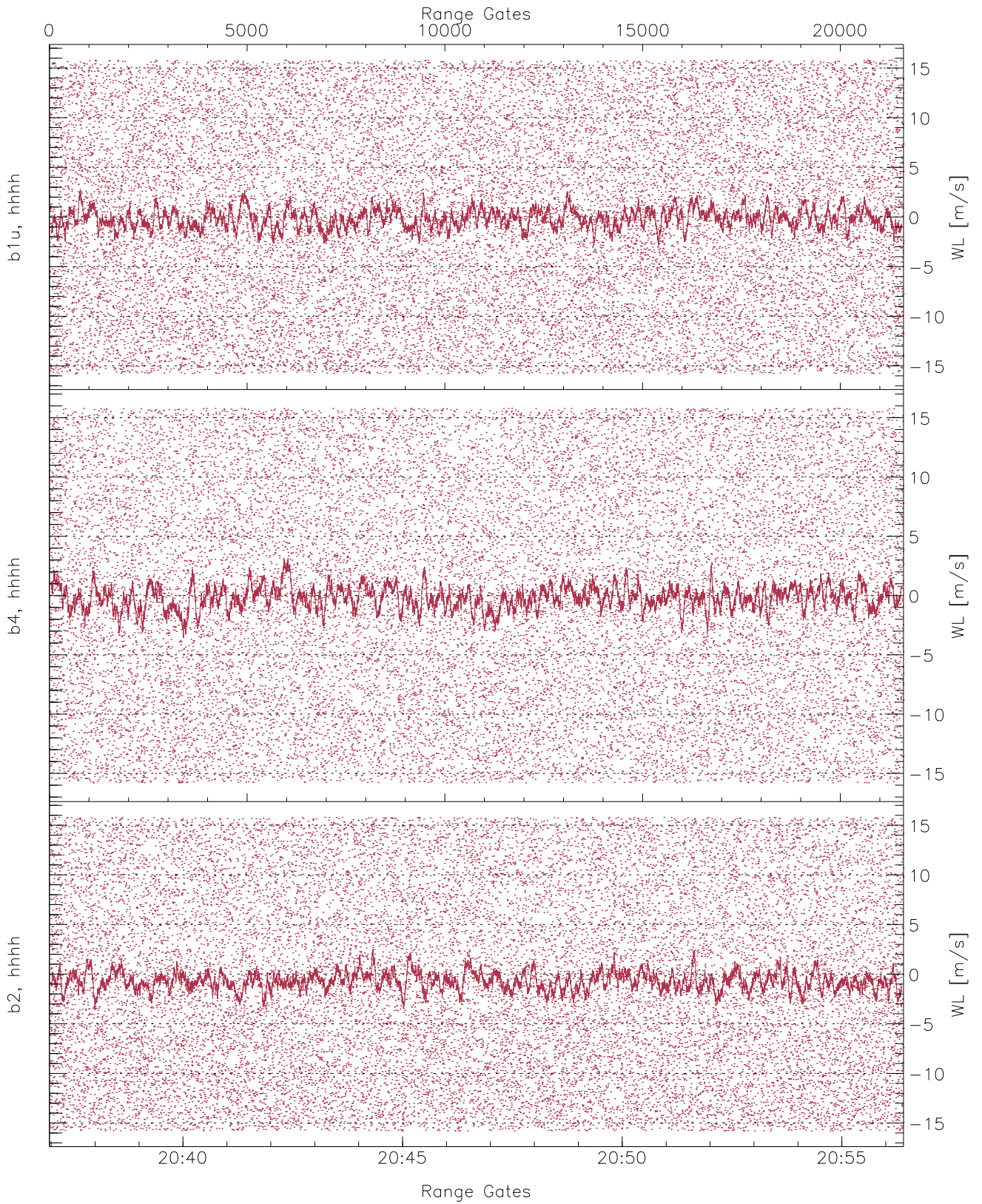
	Min	Max	Mean	Median	StDev
H1RG157_0 [dBm]	-64.53	-62.72	-63.56	-63.56	-76.26
H2RG270_0 [dBm]	-63.99	-62.03	-63.00	-63.01	-75.69
V2RG158_0 [dBm]	-64.30	-62.52	-63.38	-63.38	-76.05



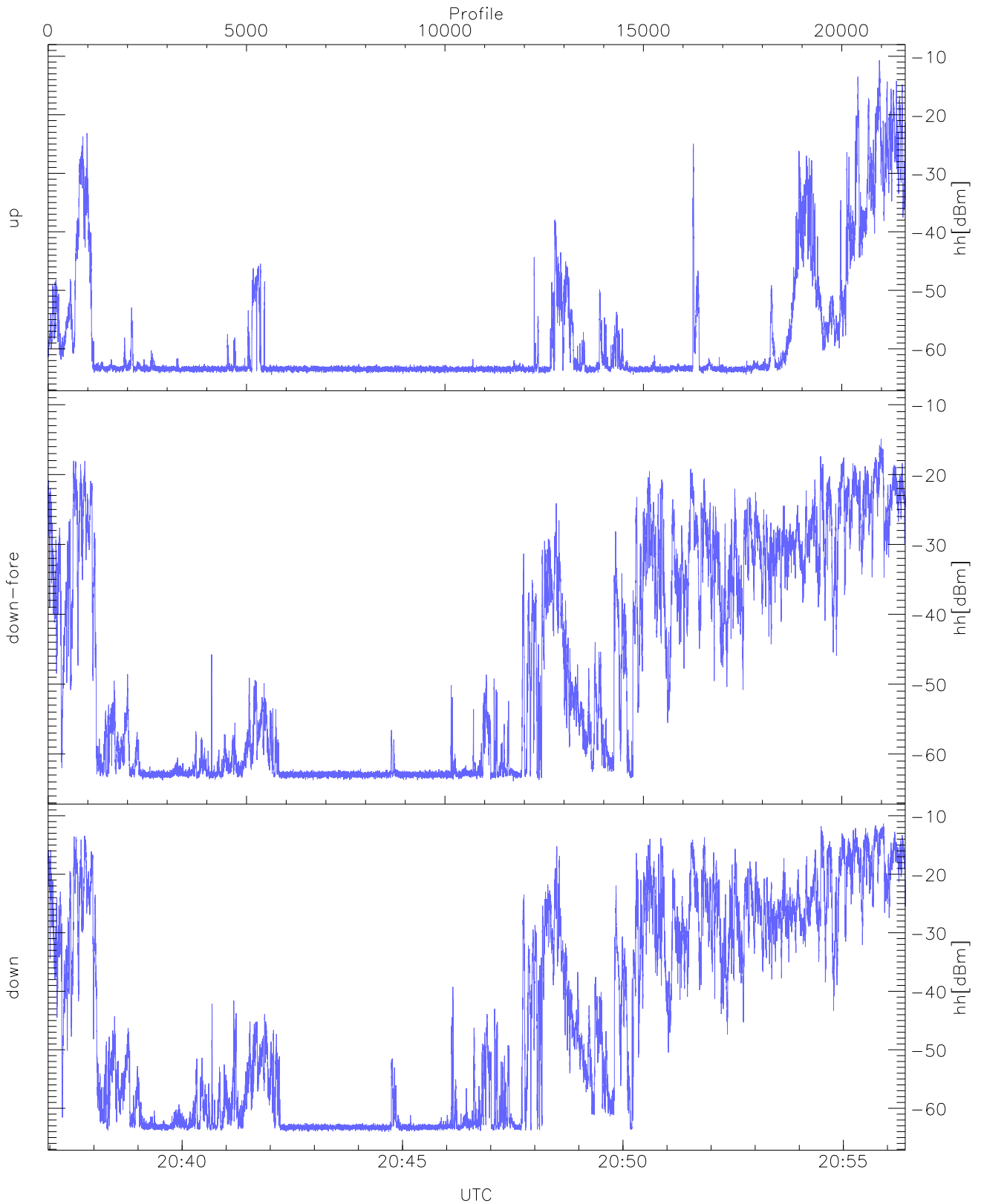
WCR2 CPP Averaged Received power for all recorded gates
blue: 203658-204641, 10801 profiles averaged
red: 204641-205624, 10800 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 203658-204641, 10801 profiles averaged
red: 204641-205624, 10800 profiles averaged

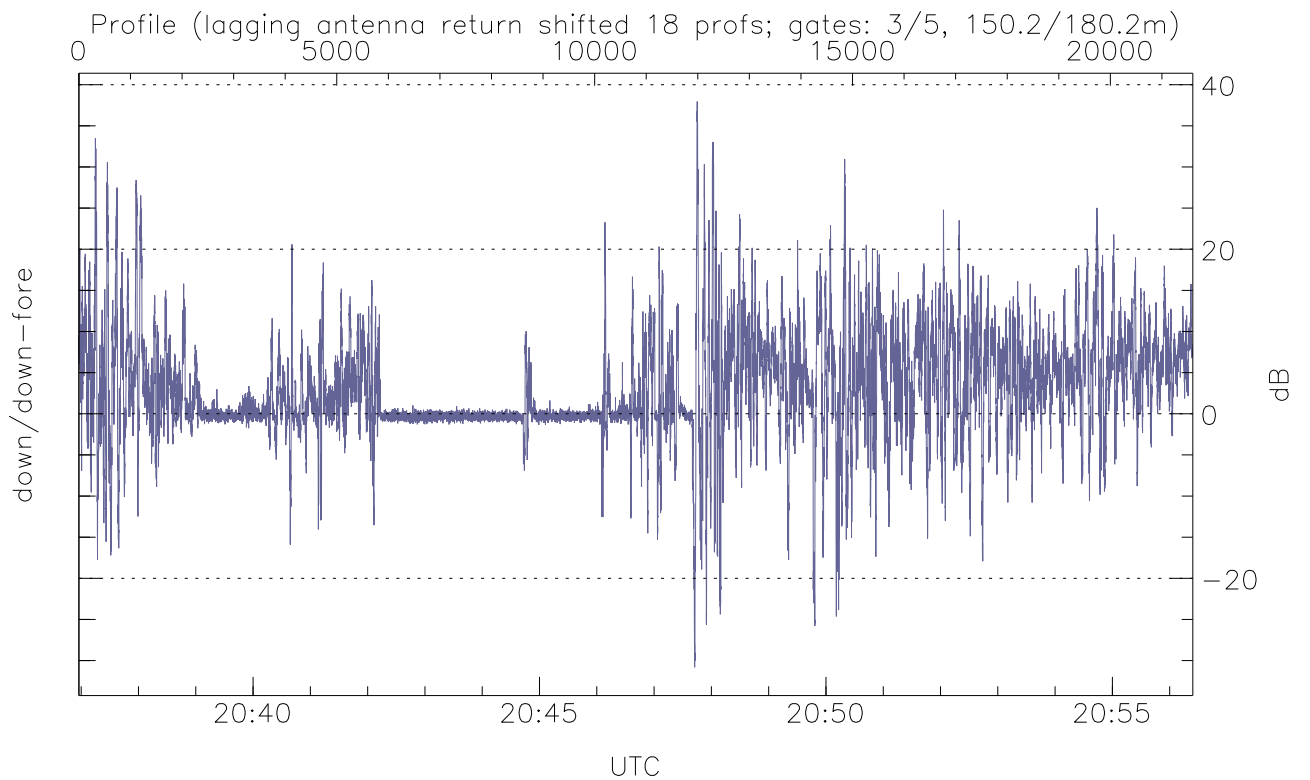
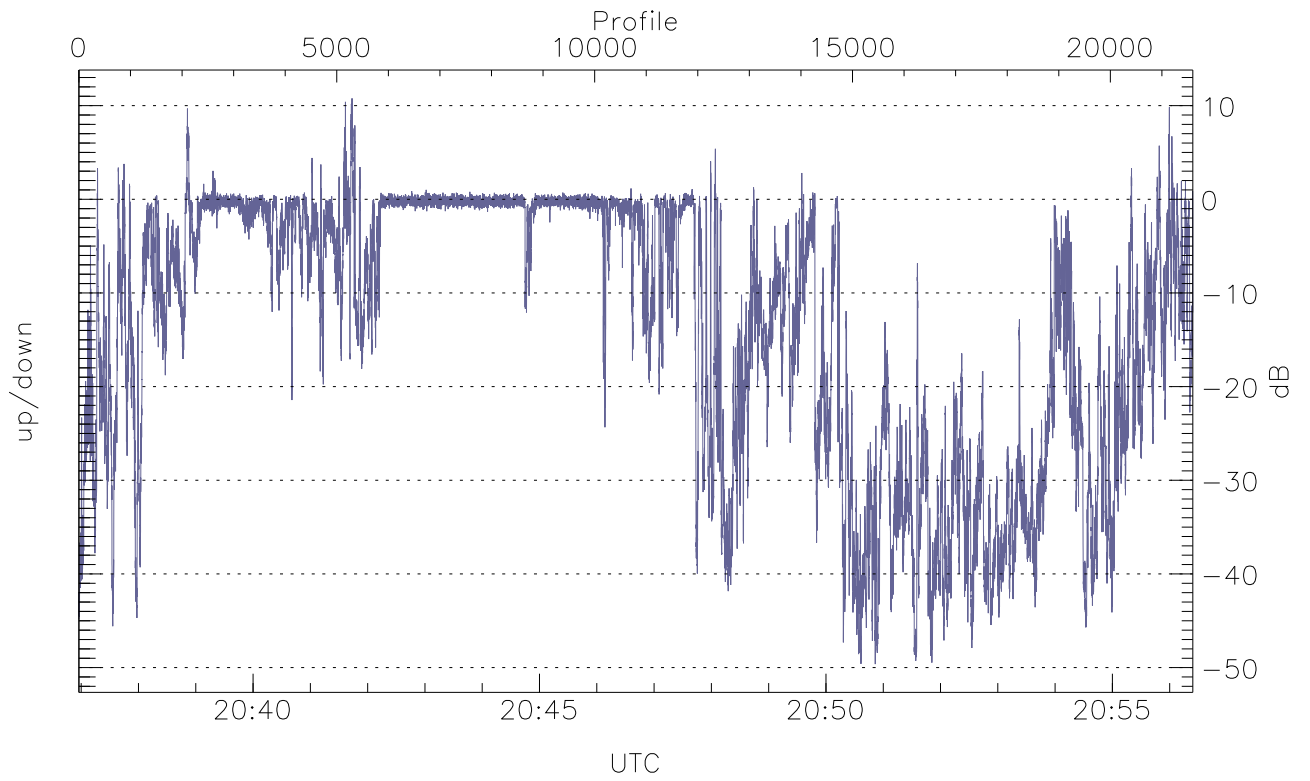


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



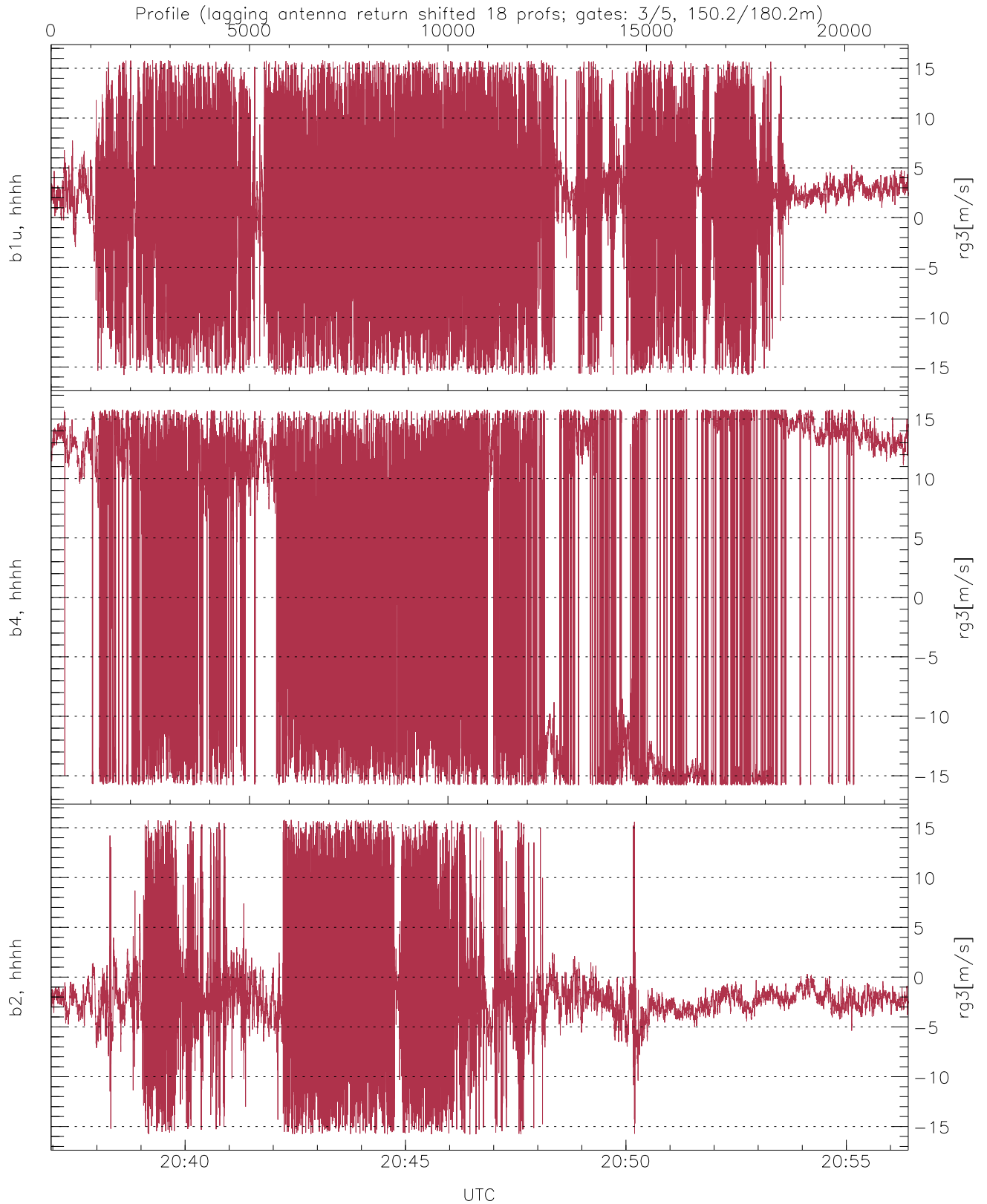
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh [dBm])	-64.47	-10.69	-34.53
down-fore(hh [dBm])	-63.89	-14.90	-30.22
down(hh [dBm])	-64.05	-11.36	-24.73



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

	Min	Max	Mean
up/down (dB)	-49.62	10.78	-13.28
down/down-fore (dB)	-30.81	37.96	2.99



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.80	15.79	0.95	6.75
b4, hhhh(rg3[m/s])	-15.80	15.80	3.32	12.13
b2, hhhh(rg3[m/s])	-15.80	15.80	-1.81	4.78