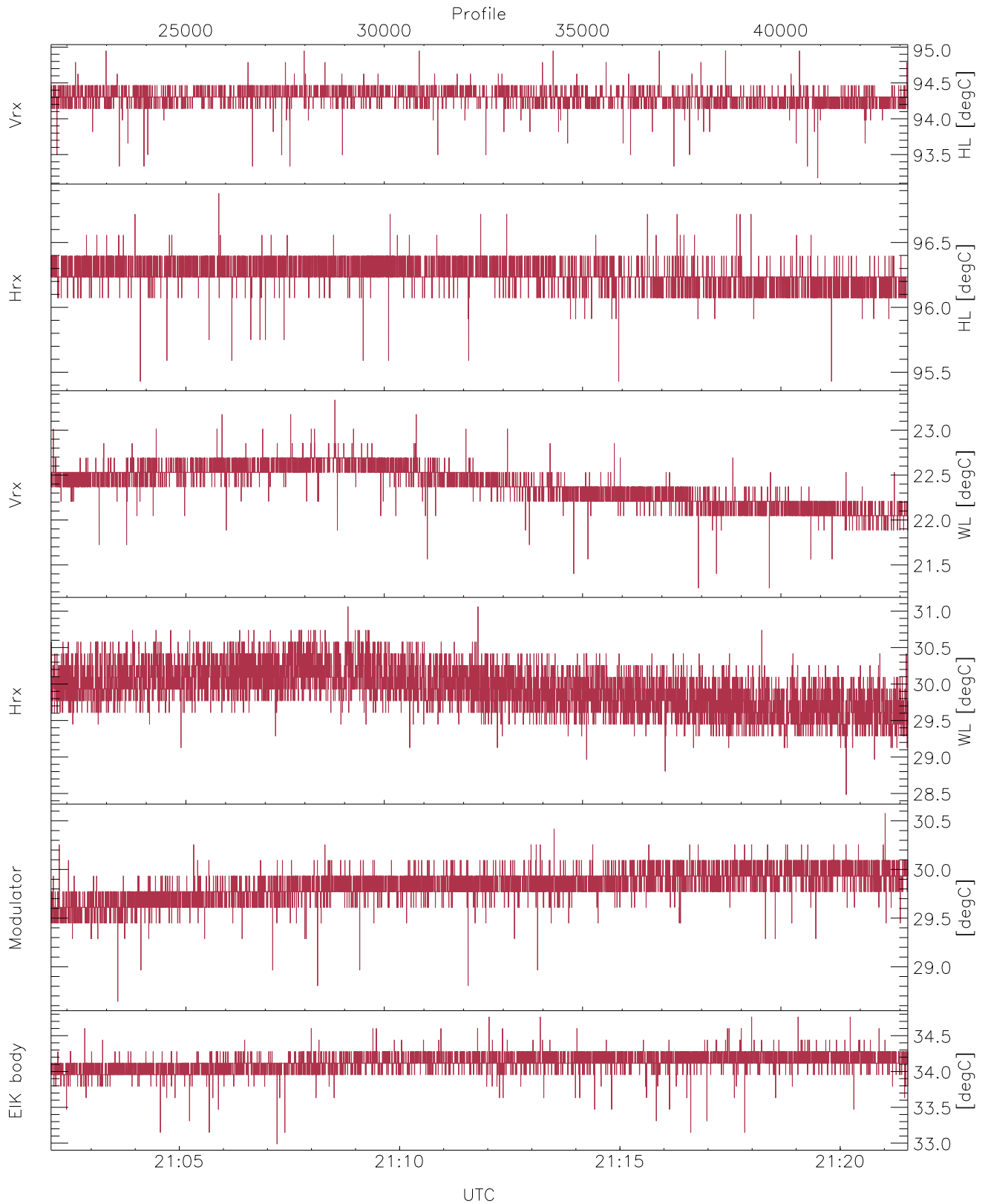


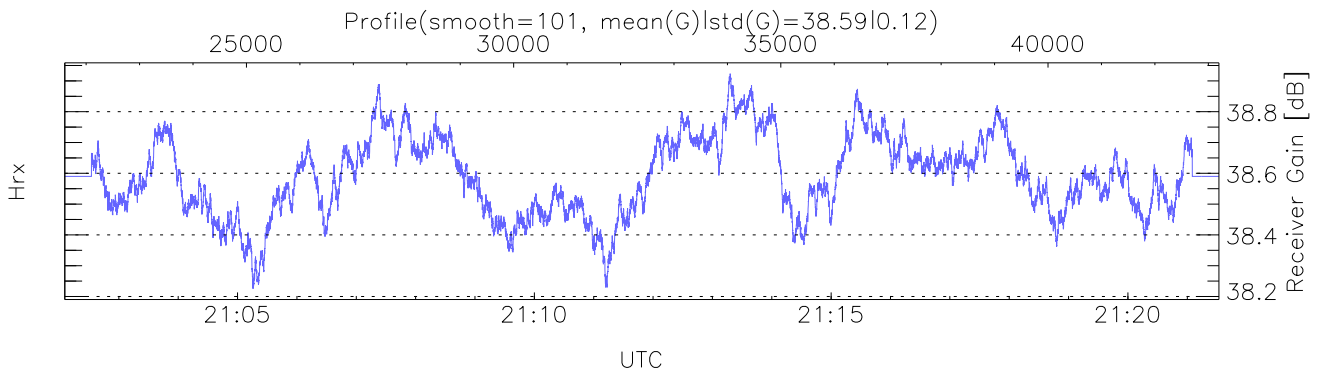
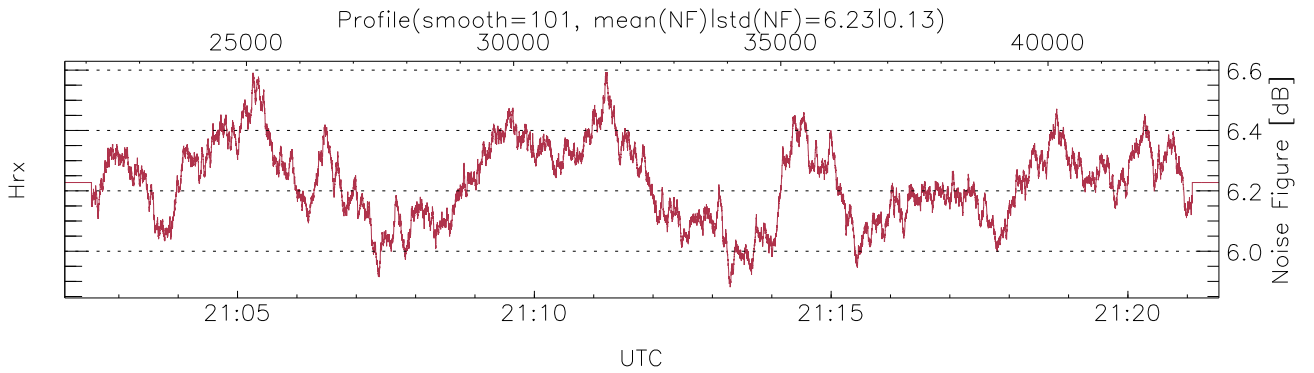
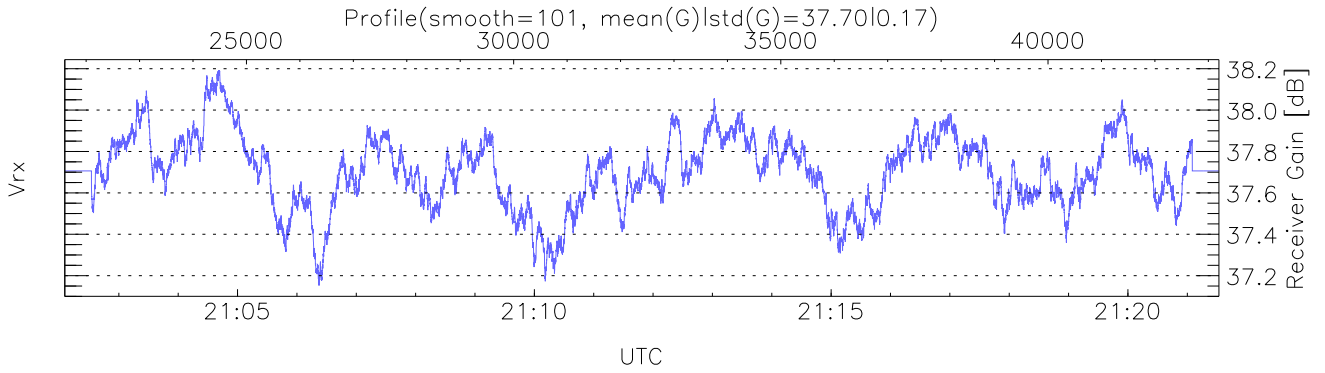
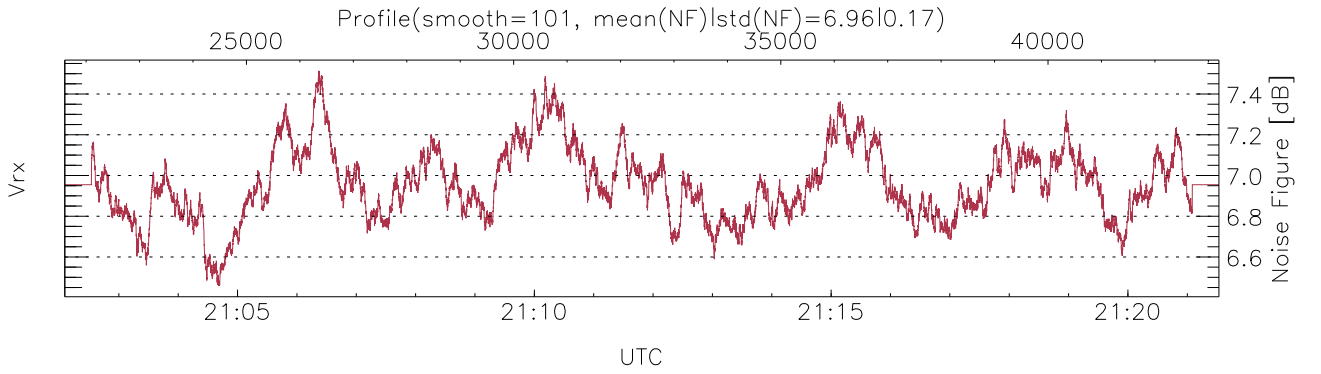
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 20:42:39-21:31:04, Dur: 2904.90s
 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): 21600/53782, 21600-43199/21:02:05-21:21:32
 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



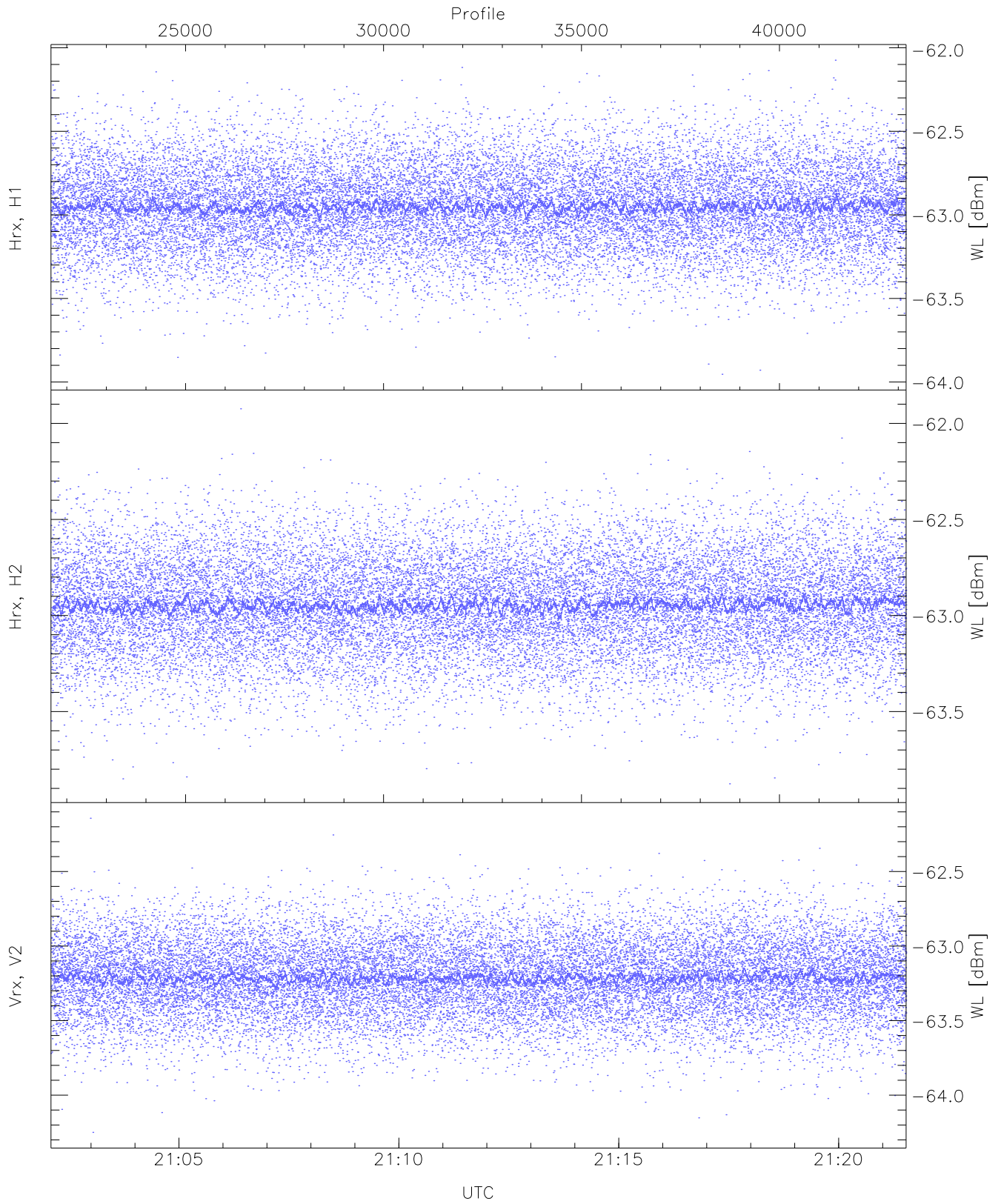
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,21,28,28,32
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,23,31,30,34
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (10,10,10,10,15,9)



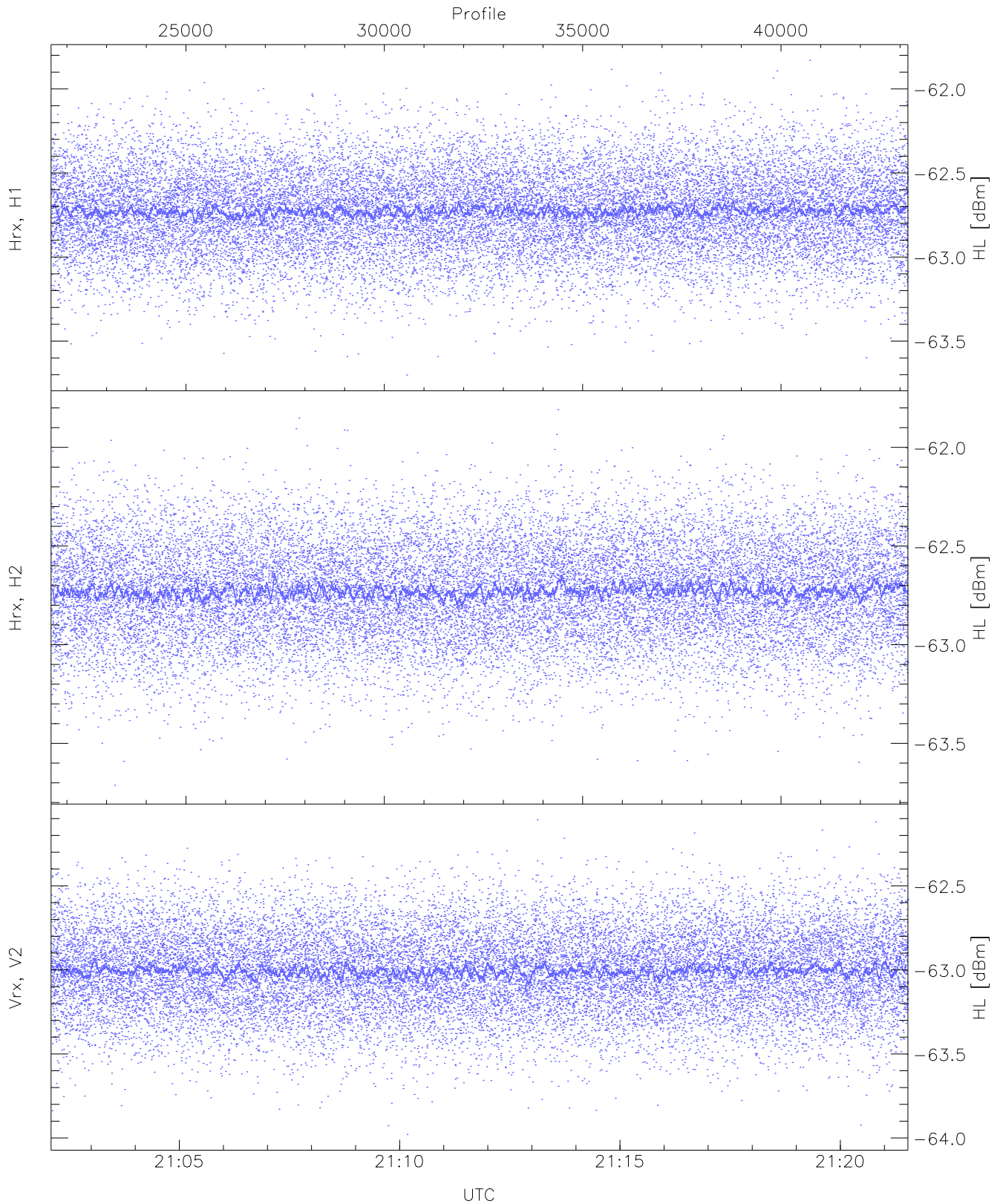
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 5 pixs, 2 gates, 5 profs, 1 prods



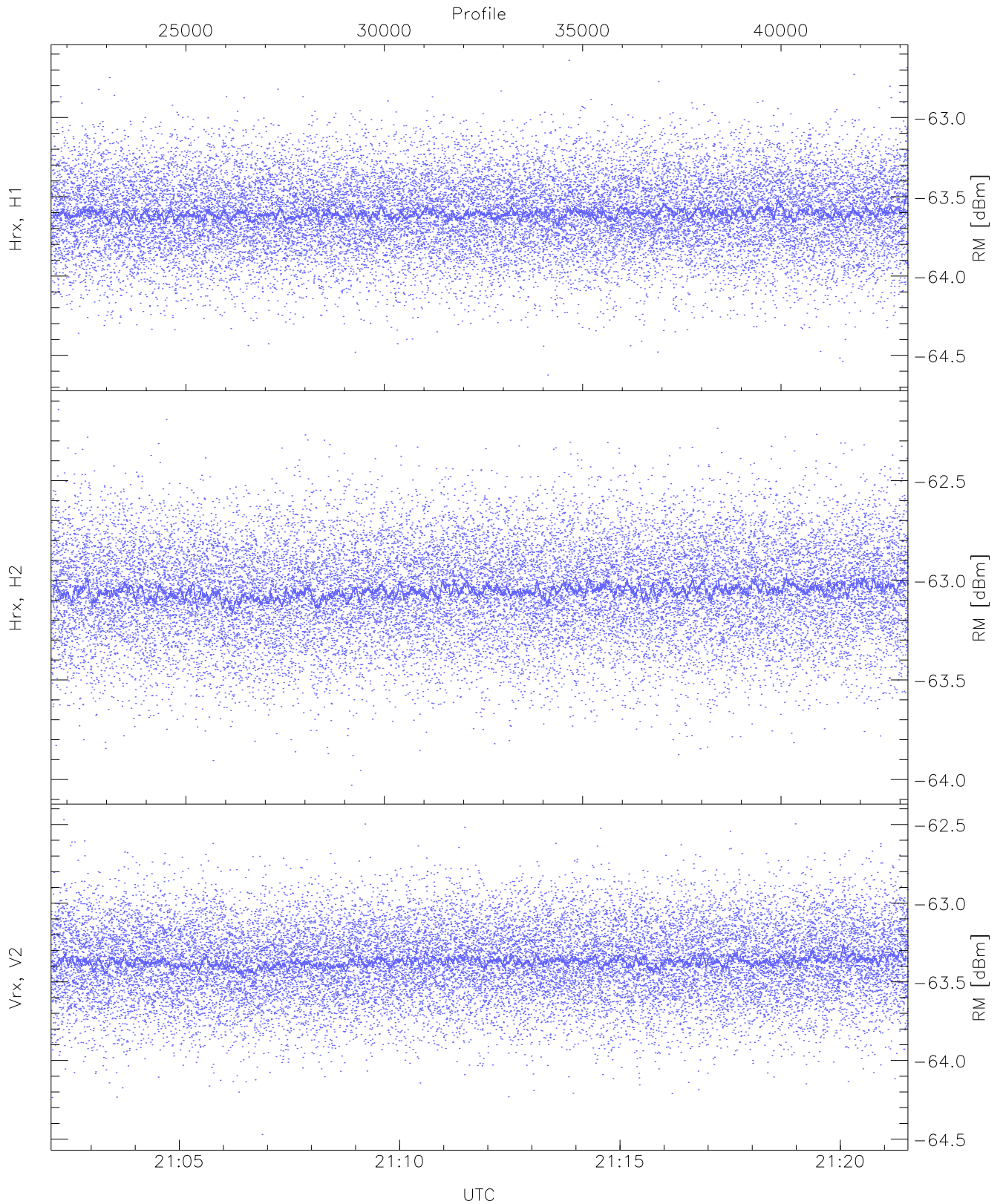
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.95	-62.07	-62.95	-62.95	-75.66
Hrx, H2(WL [dBm])	-63.88	-61.92	-62.94	-62.95	-75.68
Vrx, V2(WL [dBm])	-64.25	-62.14	-63.21	-63.22	-75.93



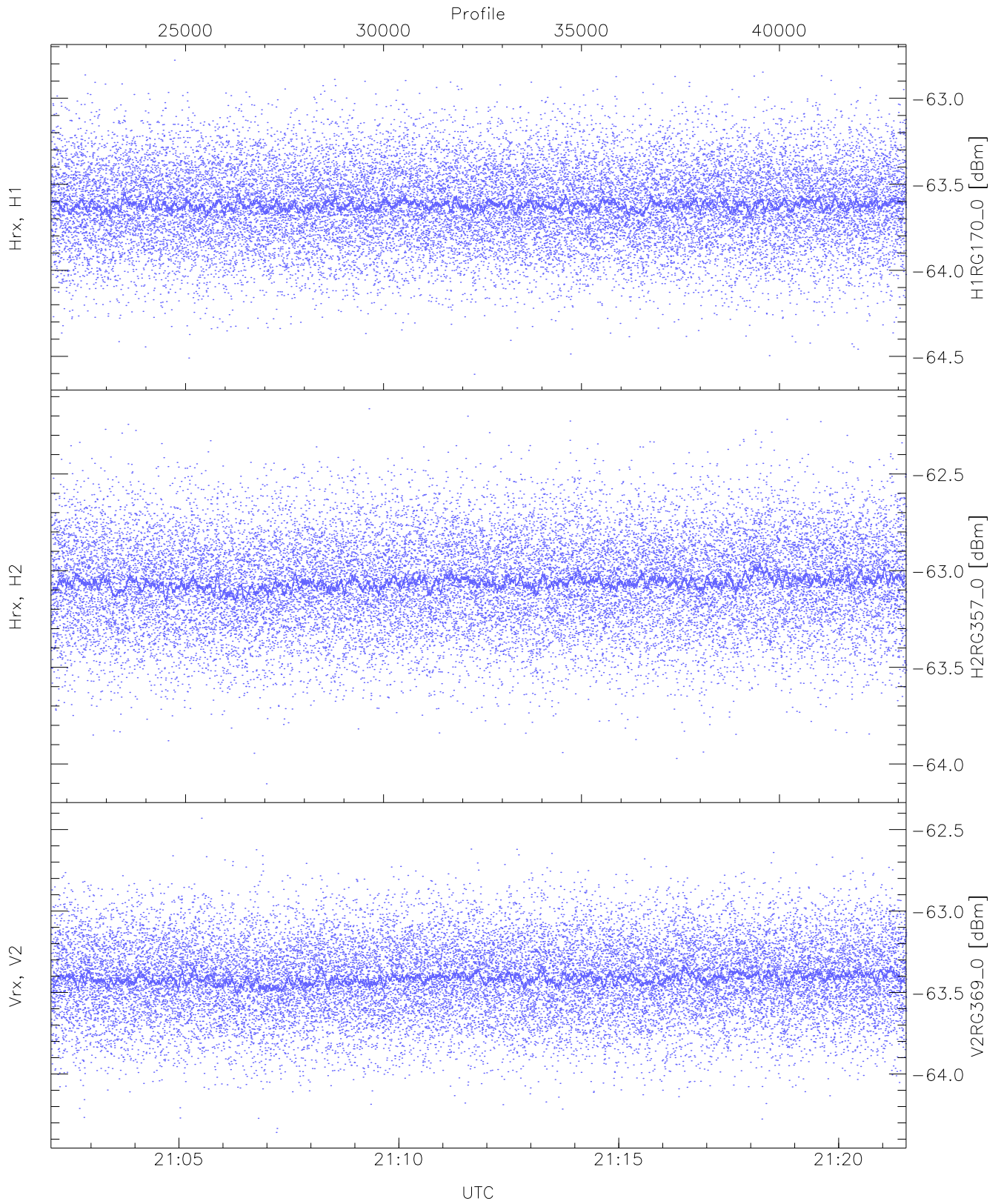
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.70	-61.83	-62.72	-62.73	-75.45
Hrx, H2 (HL [dBm])	-63.71	-61.81	-62.73	-62.73	-75.47
Vrx, V2 (HL [dBm])	-63.98	-62.11	-63.00	-63.01	-75.74



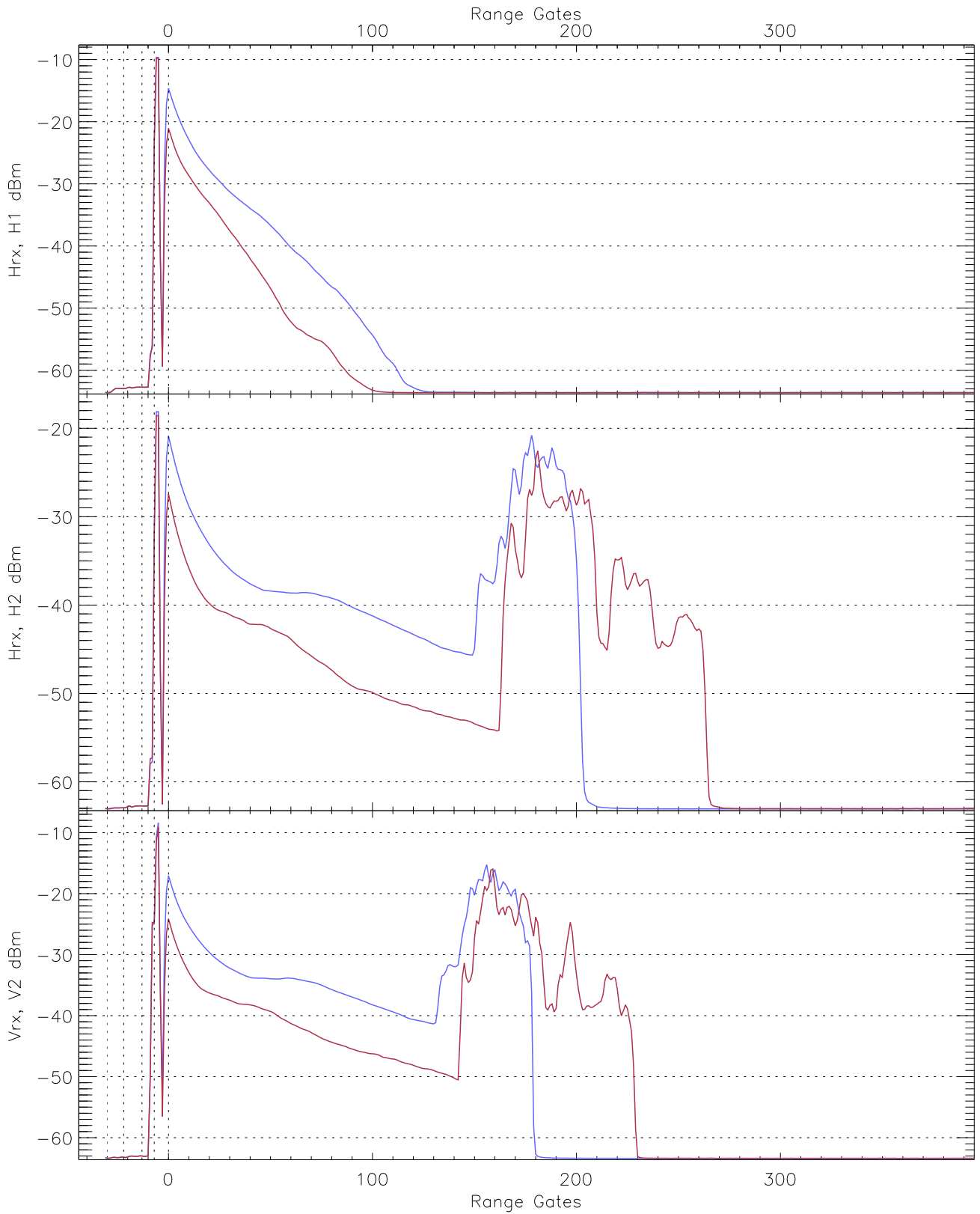
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.62	-62.64	-63.60	-63.61	-76.27
Hrx, H2 (RM [dBm])	-64.03	-62.14	-63.05	-63.06	-75.76
Vrx, V2 (RM [dBm])	-64.47	-62.47	-63.37	-63.37	-76.05

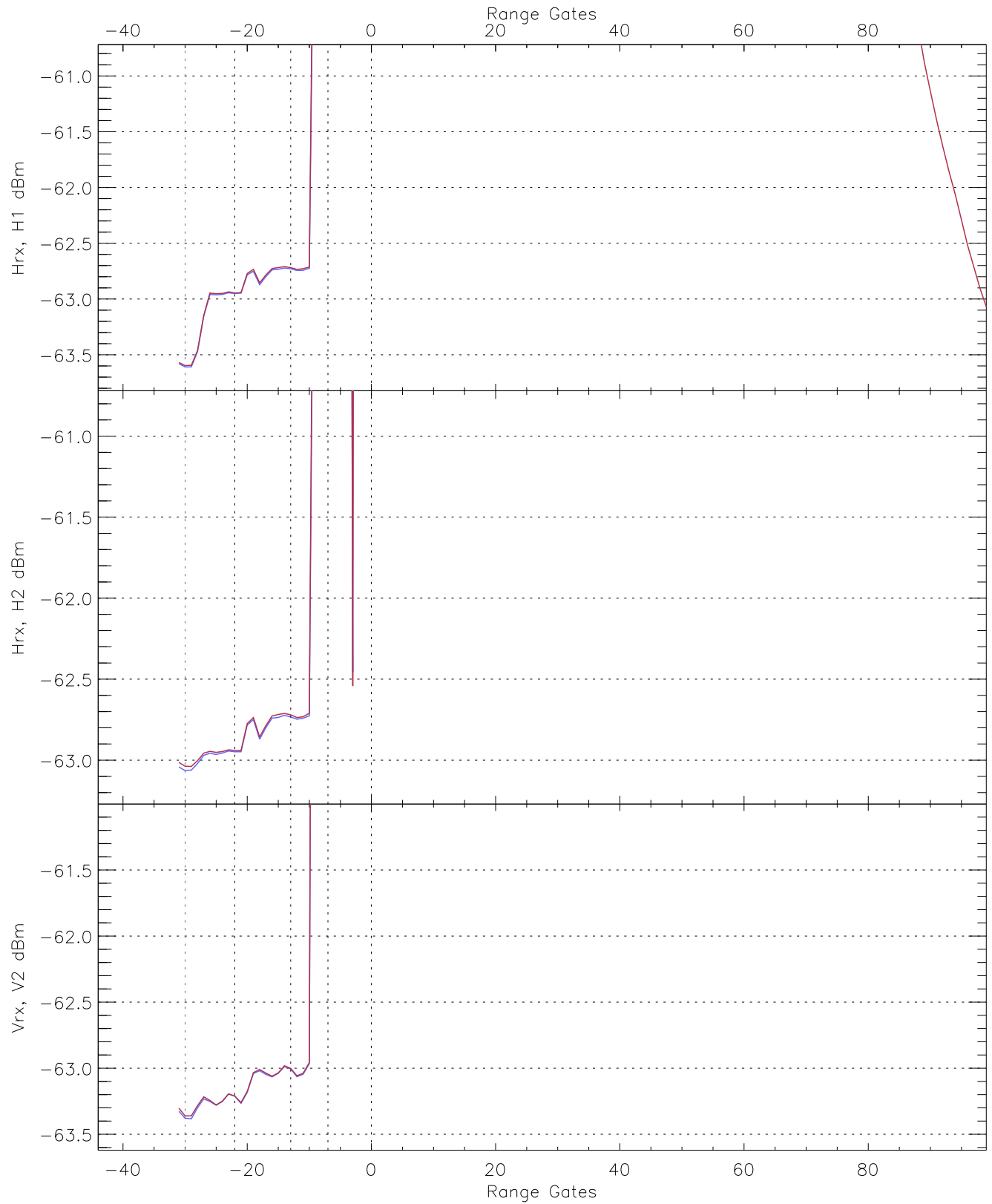


WCR2 CPP "Best" estimate Receivers Noise Power

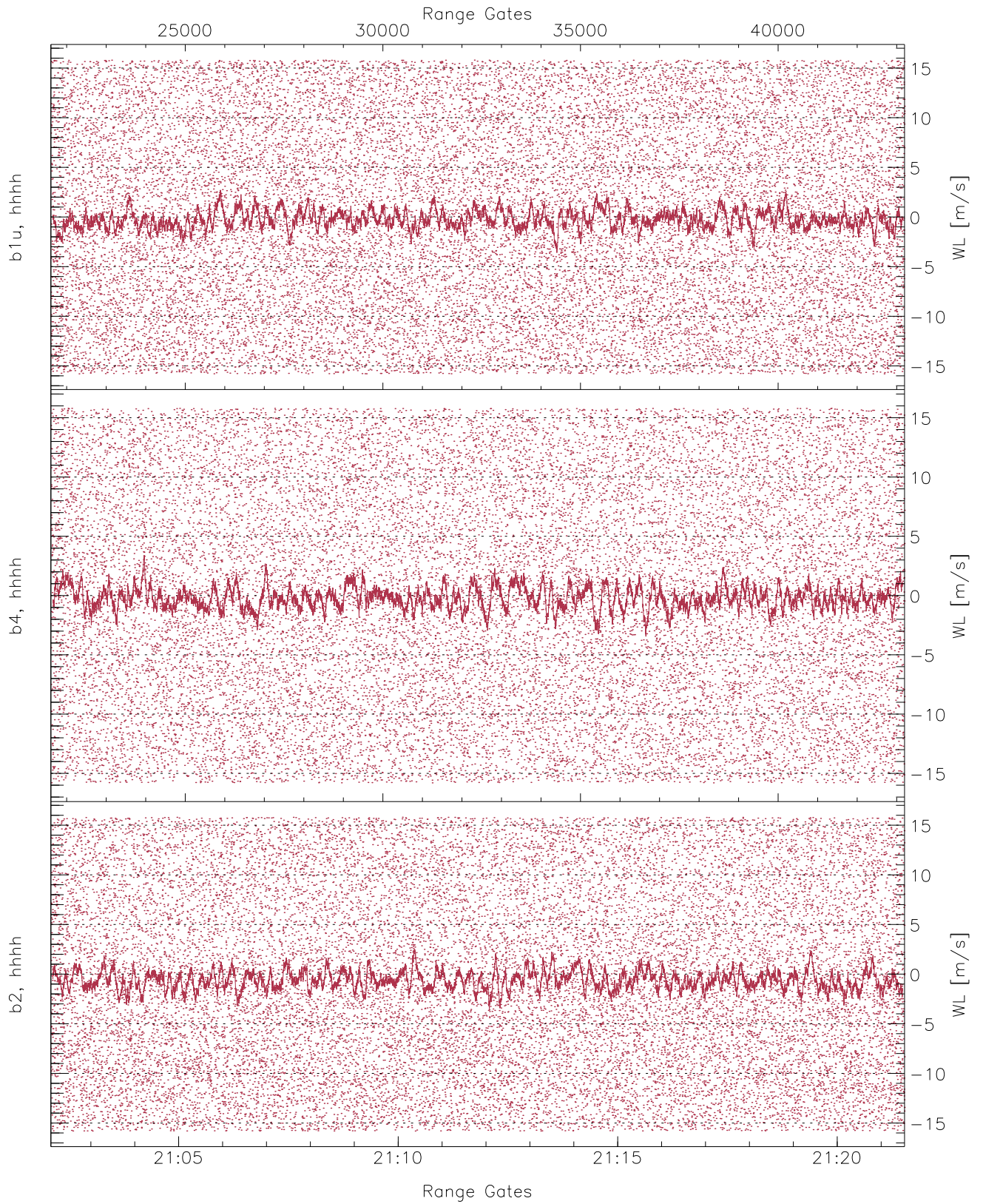
	Min	Max	Mean	Median	StDev
H1RG170_0 [dBm]	-64.60	-62.78	-63.62	-63.62	-76.35
H2RG357_0 [dBm]	-64.10	-62.16	-63.06	-63.06	-75.74
V2RG369_0 [dBm]	-64.36	-62.43	-63.41	-63.42	-76.10



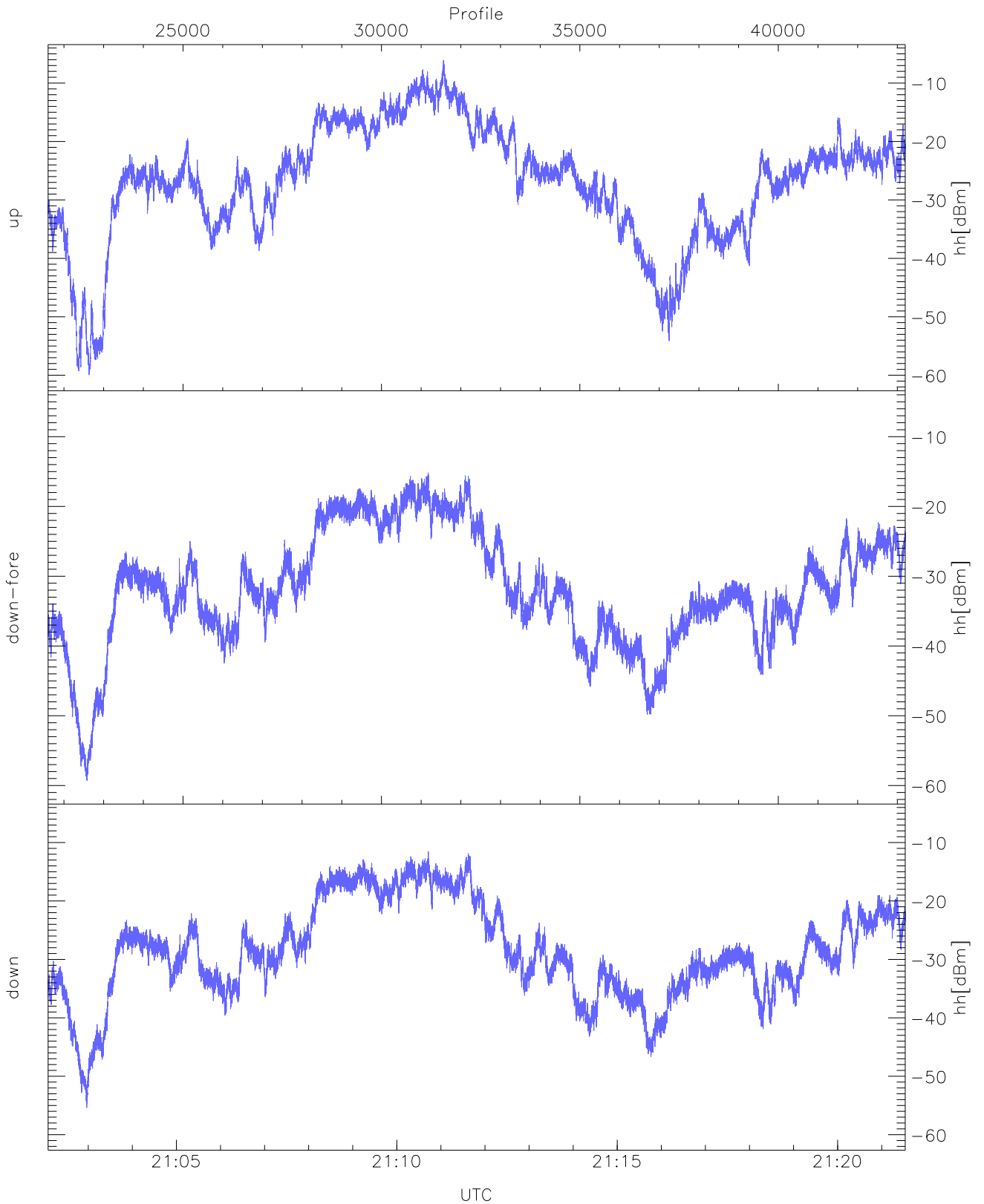
WCR2 CPP Averaged Received power for all recorded gates
blue: 210205-211149, 10801 profiles averaged
red: 211149-212132, 10800 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 210205-211149, 10801 profiles averaged
red: 211149-212132, 10800 profiles averaged

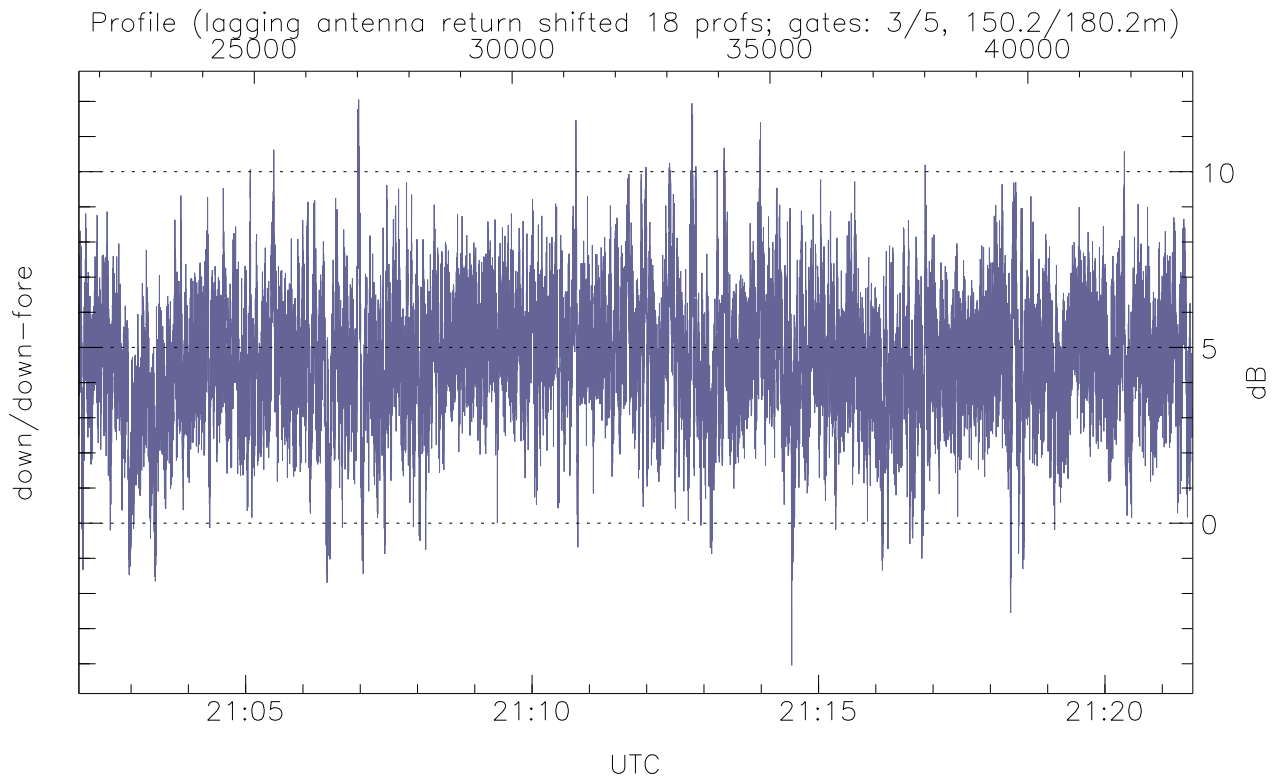
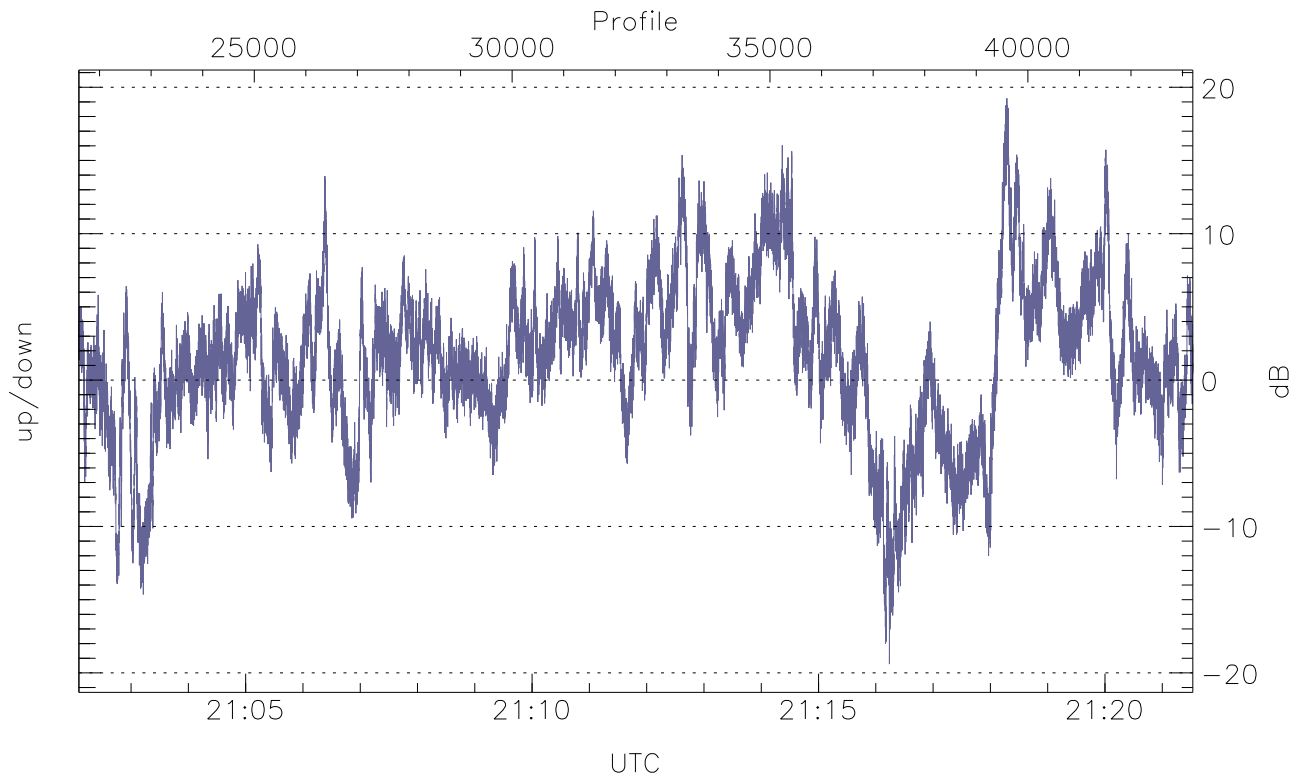


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



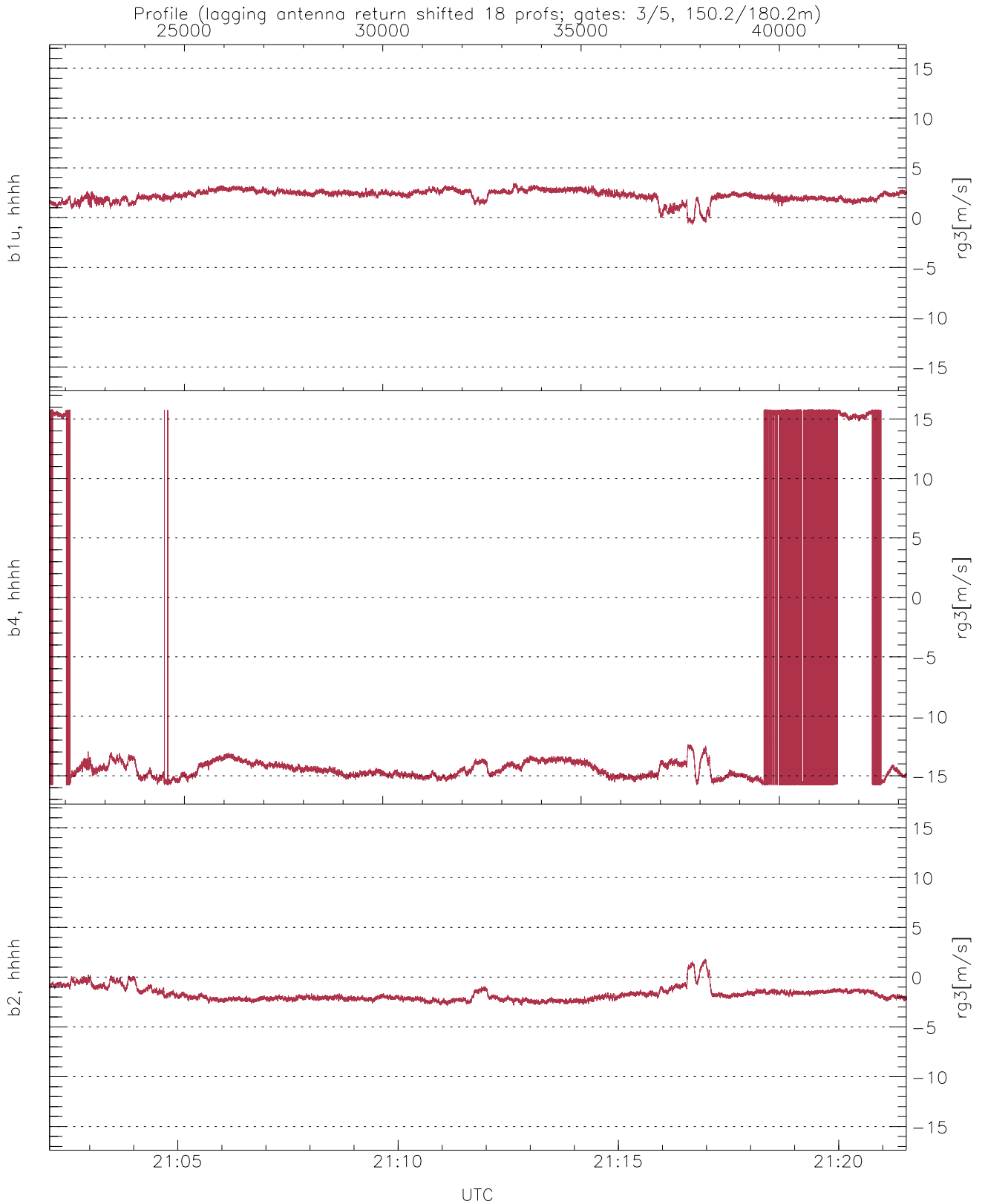
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-59.96	-6.10	-19.76
down-fore(hh[dBm])	-59.32	-15.15	-25.97
down(hh[dBm])	-55.39	-11.53	-22.56



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

	Min	Max	Mean
up/down (dB)	-19.40	19.24	1.54
down/down-fore (dB)	-4.04	12.05	4.69



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-0.72	3.46	2.20	0.59
b4, hhhh(rg3[m/s])	-15.80	15.80	-11.11	9.58
b2, hhhh(rg3[m/s])	-2.86	1.83	-1.72	0.70