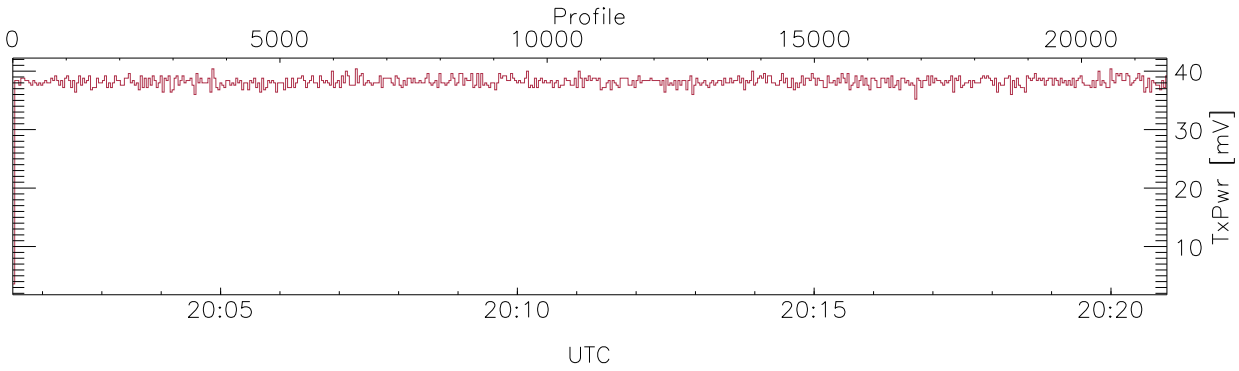
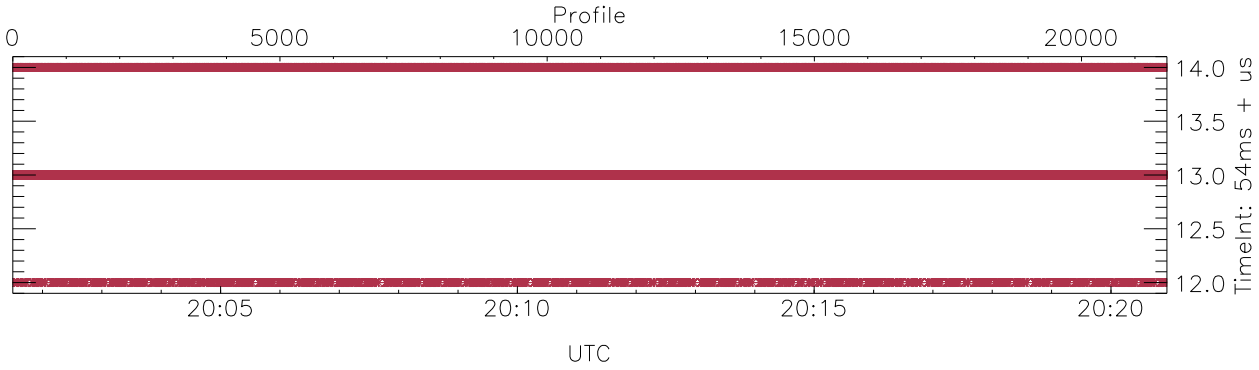
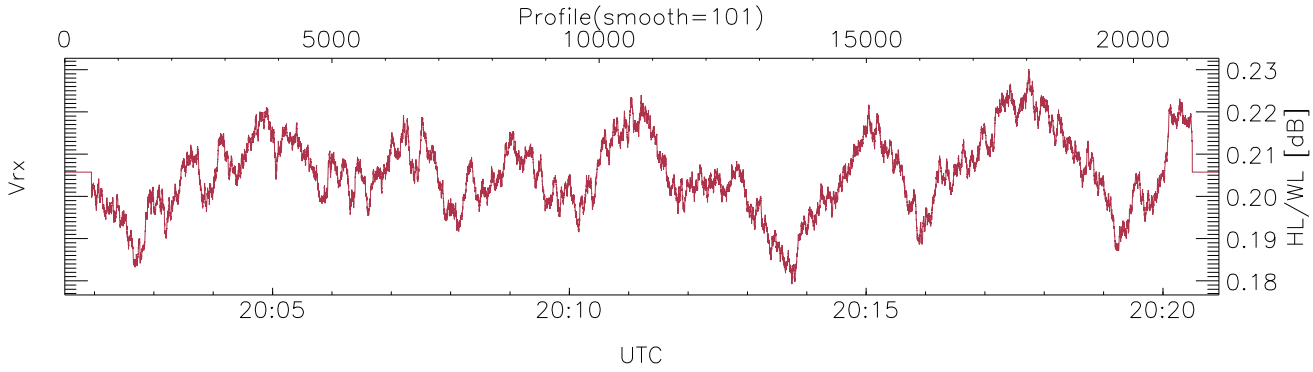
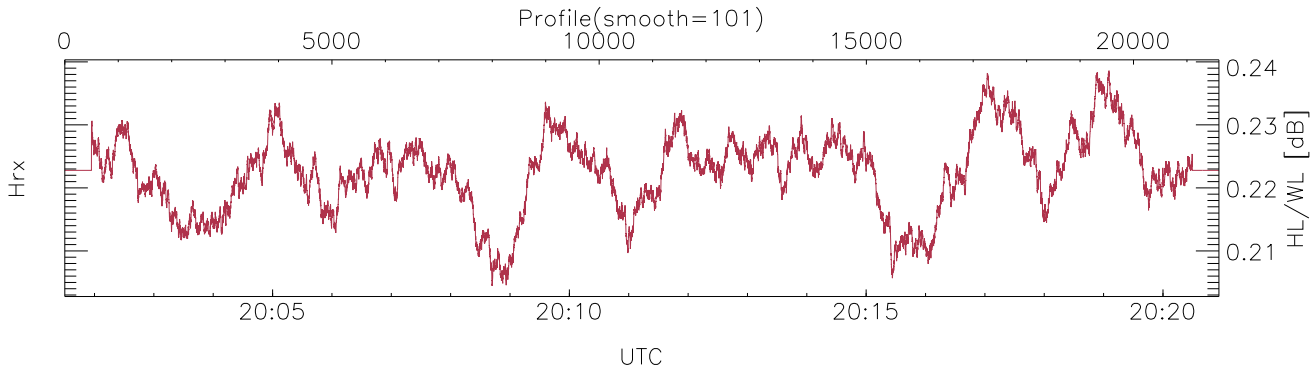


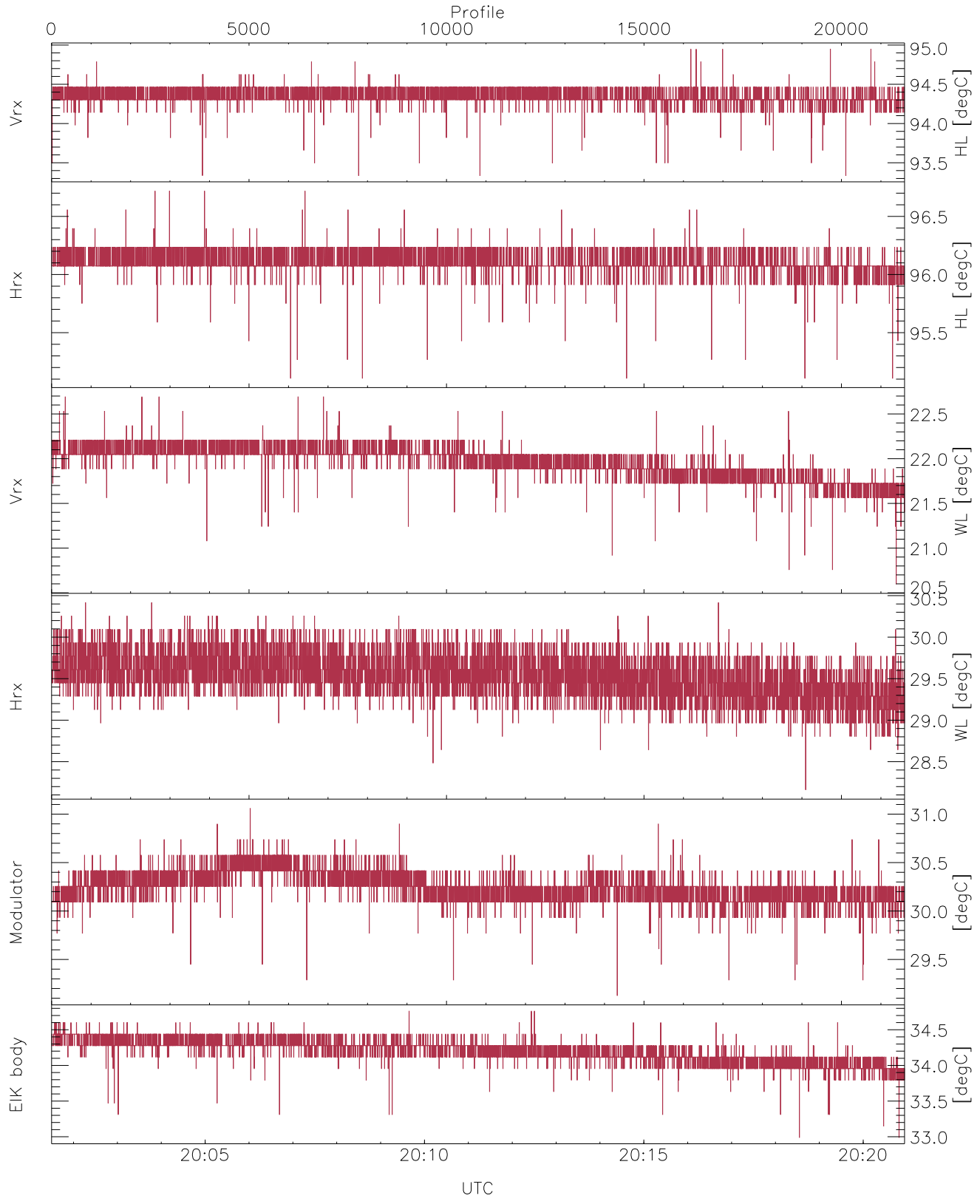






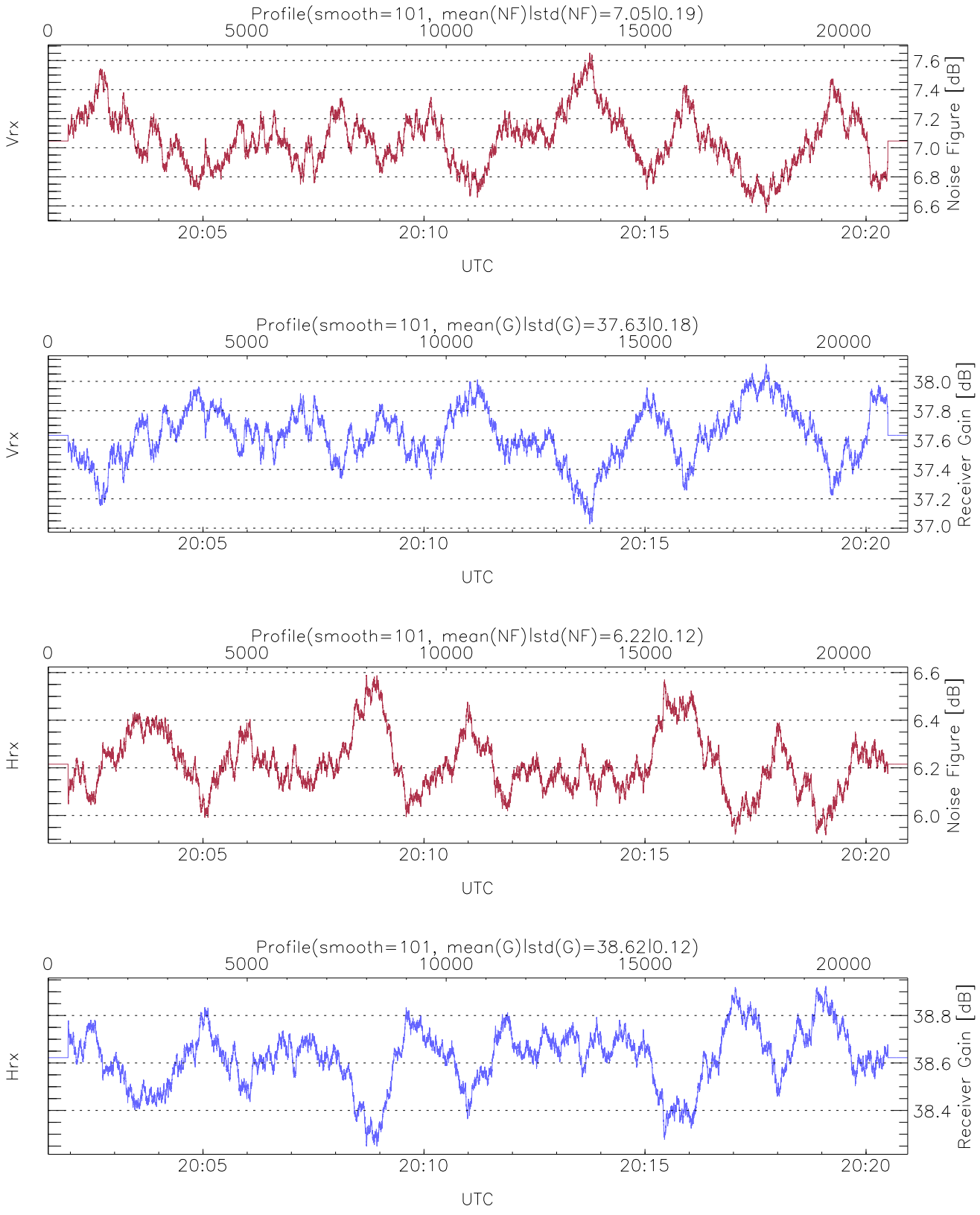
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 20:01:30-20:36:55, Dur: 2125.43s
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): 21600/39351, 0-21599/20:01:30-20:20:57
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,rgs): 105,6037,15.0 m, Gates: 396, Aspect: 3.1
Mirror(-9|0|1|2,3,9x = no mirror|sideluplerror): 1



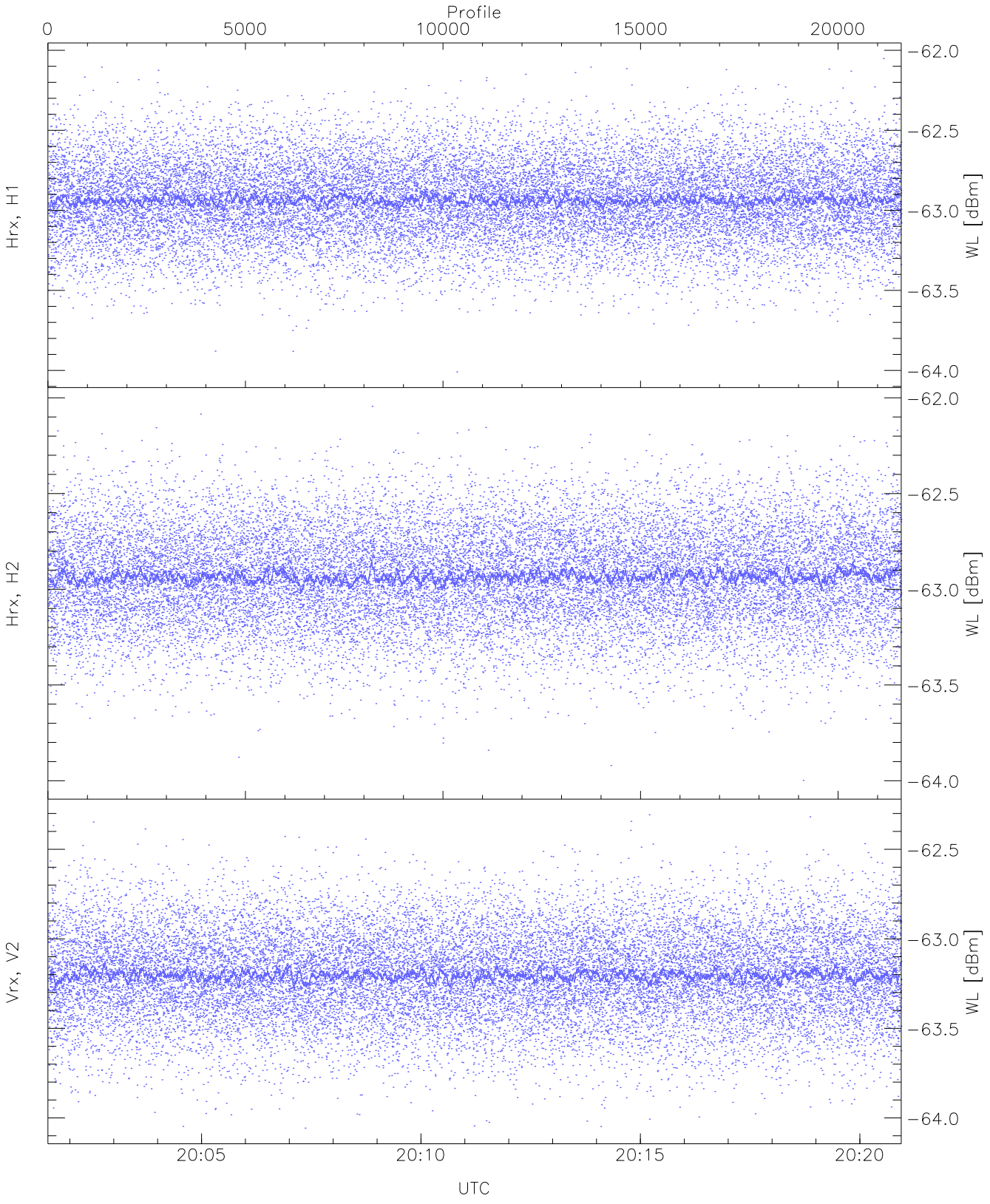
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,20,28,29,32
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,22,30,31,34
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (40,40,45,45,40,10)



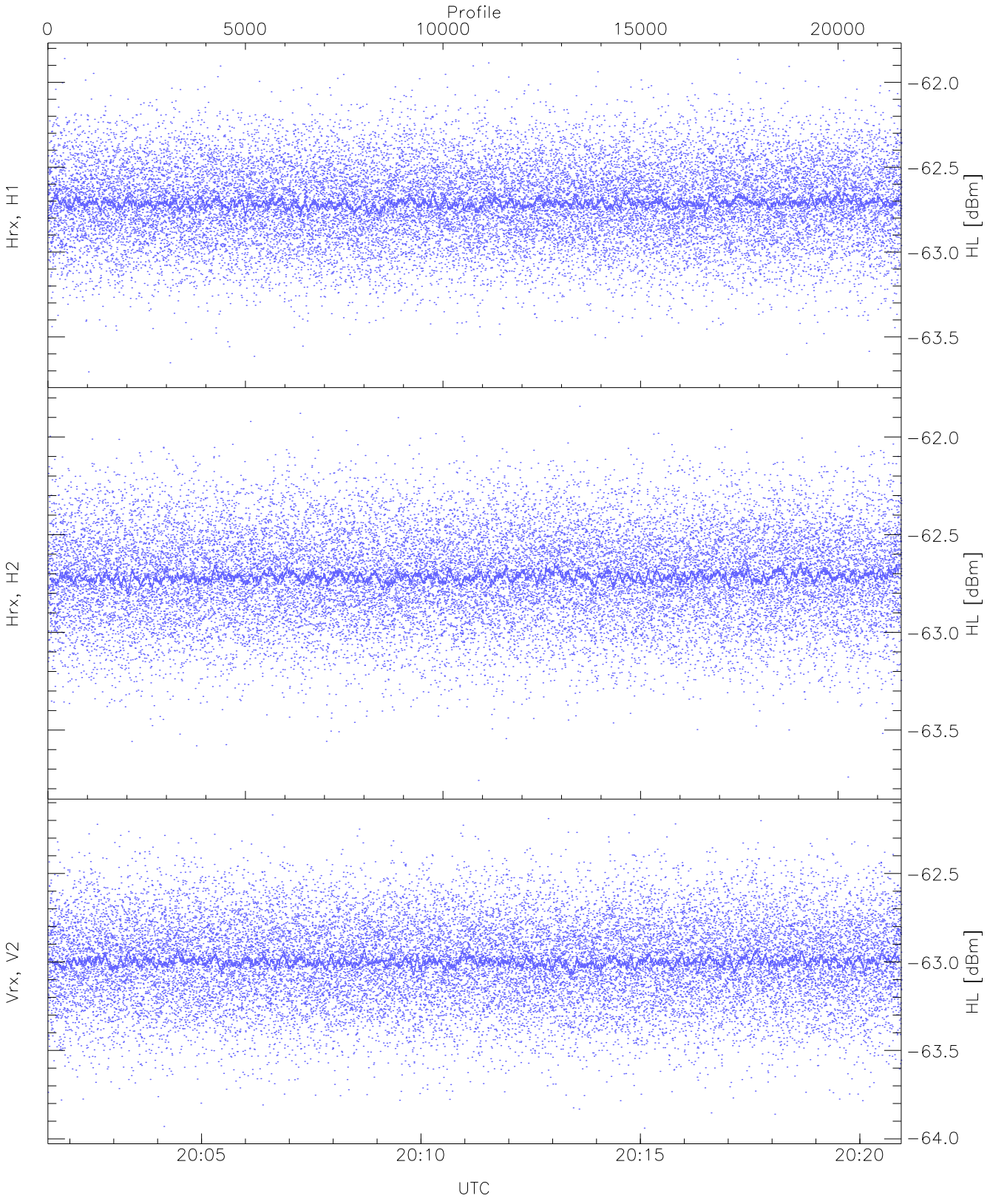
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 1768 pixs, 52 gates, 1738 profs, 2 prods



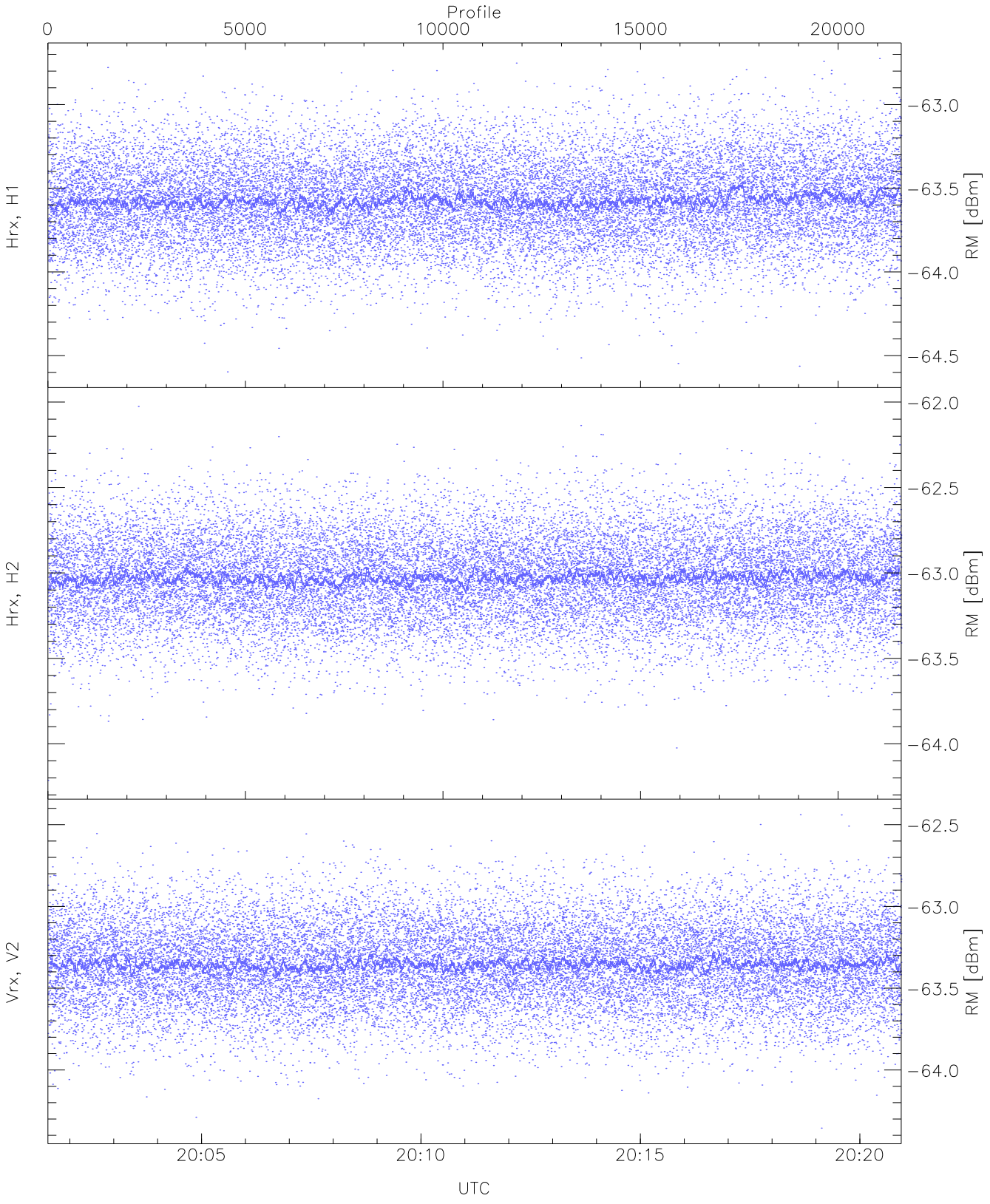
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-64.01	-62.05	-62.93	-62.94	-75.63
Hrx, H2(WL [dBm])	-64.00	-62.04	-62.93	-62.93	-75.63
Vrx, V2(WL [dBm])	-64.06	-62.31	-63.20	-63.21	-75.93



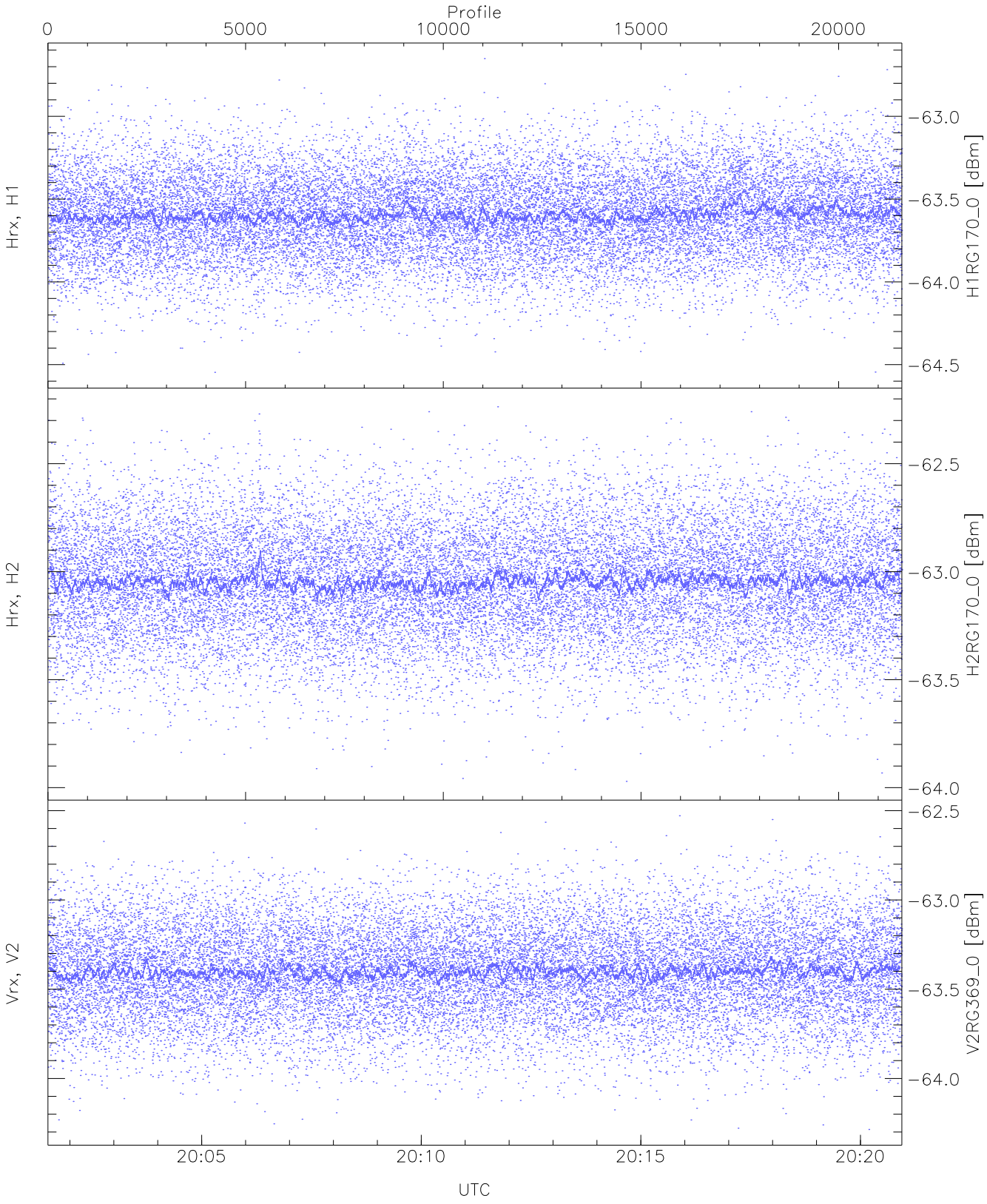
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-63.71	-61.86	-62.71	-62.71	-75.43
Hrx, H2(HL [dBm])	-63.76	-61.84	-62.71	-62.71	-75.46
Vrx, V2(HL [dBm])	-63.94	-62.17	-62.99	-63.00	-75.68



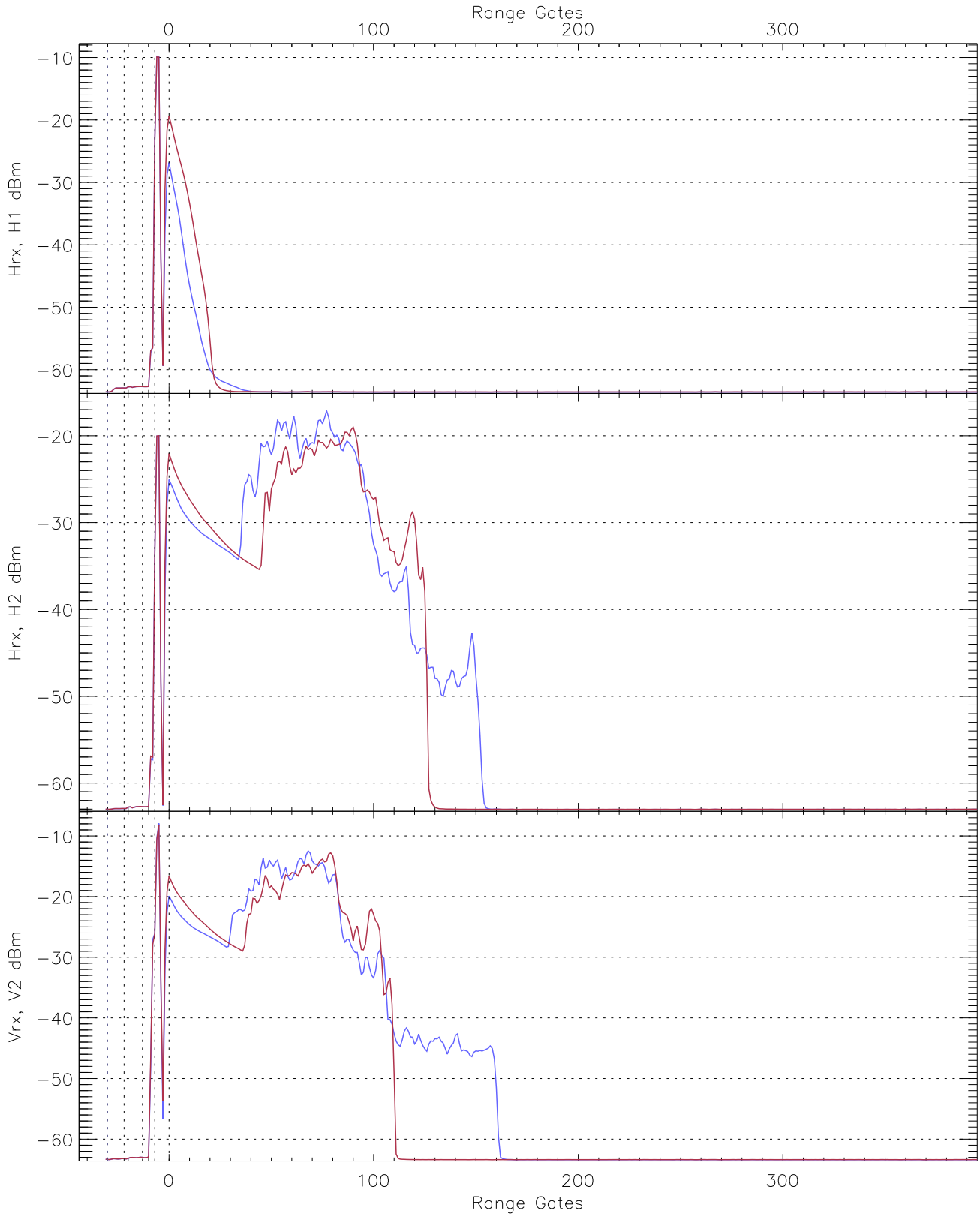
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-64.60	-62.73	-63.57	-63.58	-76.25
Hrx, H2(RM [dBm])	-64.21	-62.02	-63.02	-63.03	-75.75
Vrx, V2(RM [dBm])	-64.36	-62.44	-63.35	-63.36	-76.06

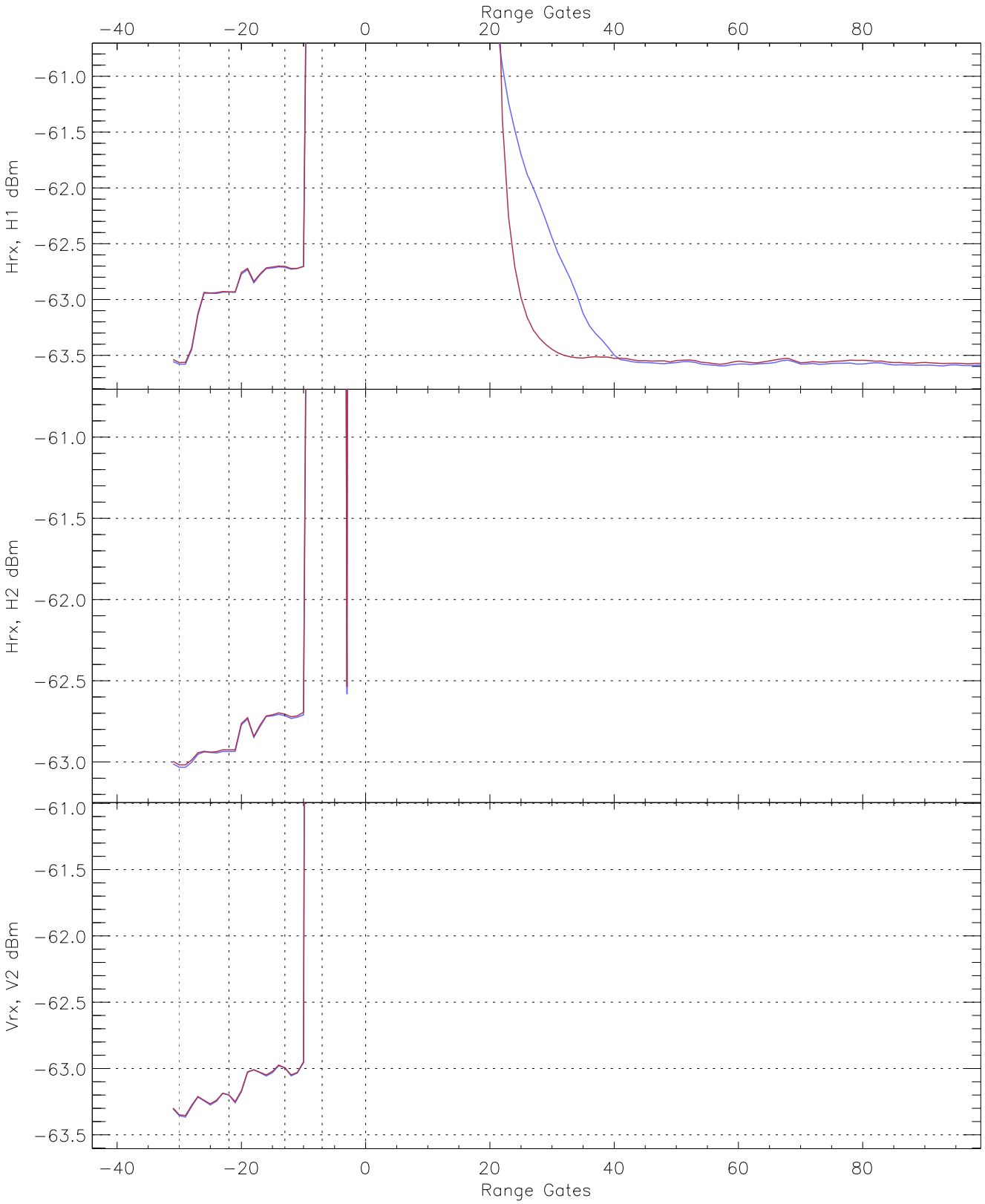


WCR2 CPP "Best" estimate Receivers Noise Power

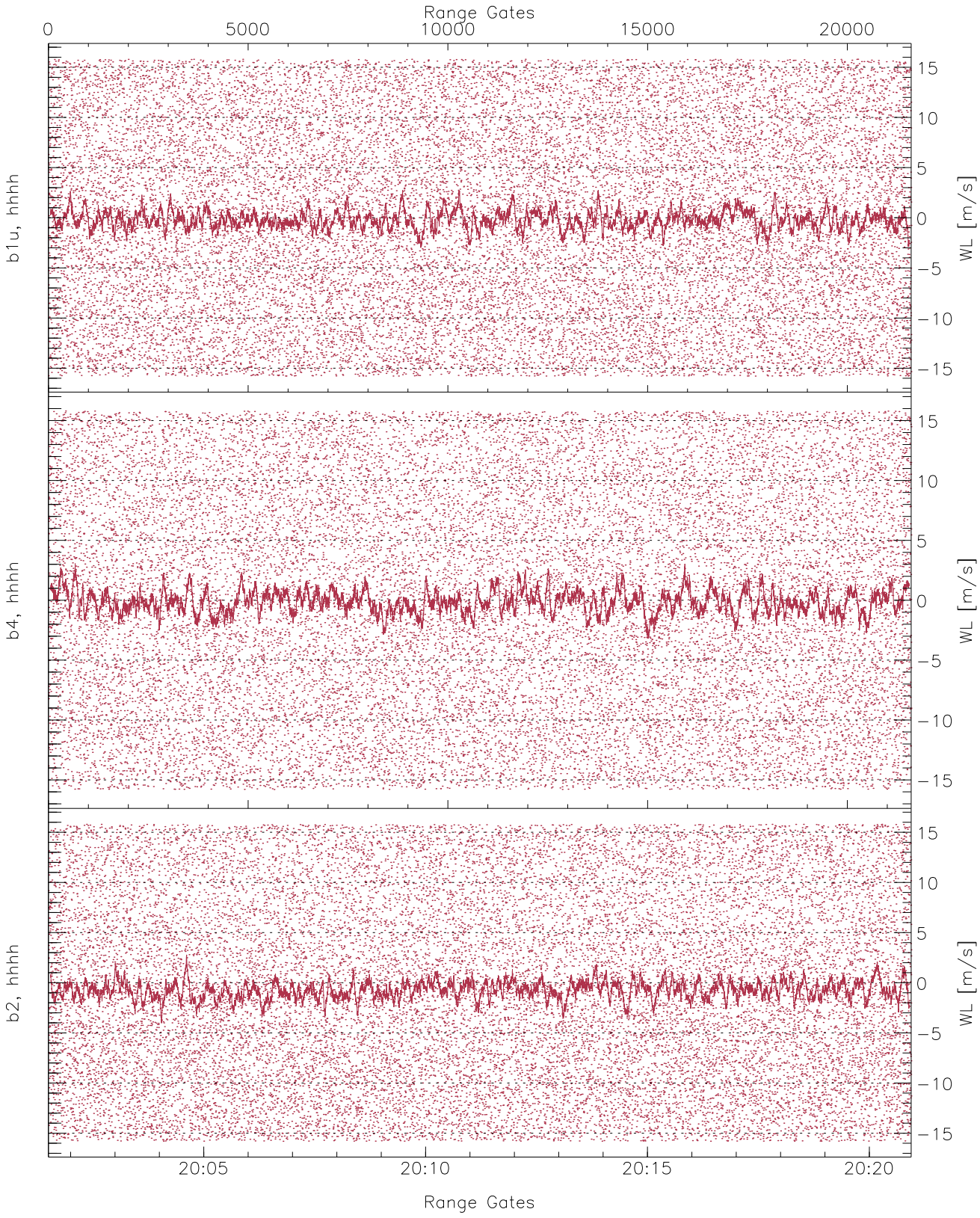
	Min	Max	Mean	Median	StDev
H1RG170_0 [dBm]	-64.55	-62.65	-63.59	-63.60	-76.26
H2RG170_0 [dBm]	-63.97	-62.24	-63.04	-63.05	-75.74
V2RG369_0 [dBm]	-64.29	-62.53	-63.40	-63.40	-76.09



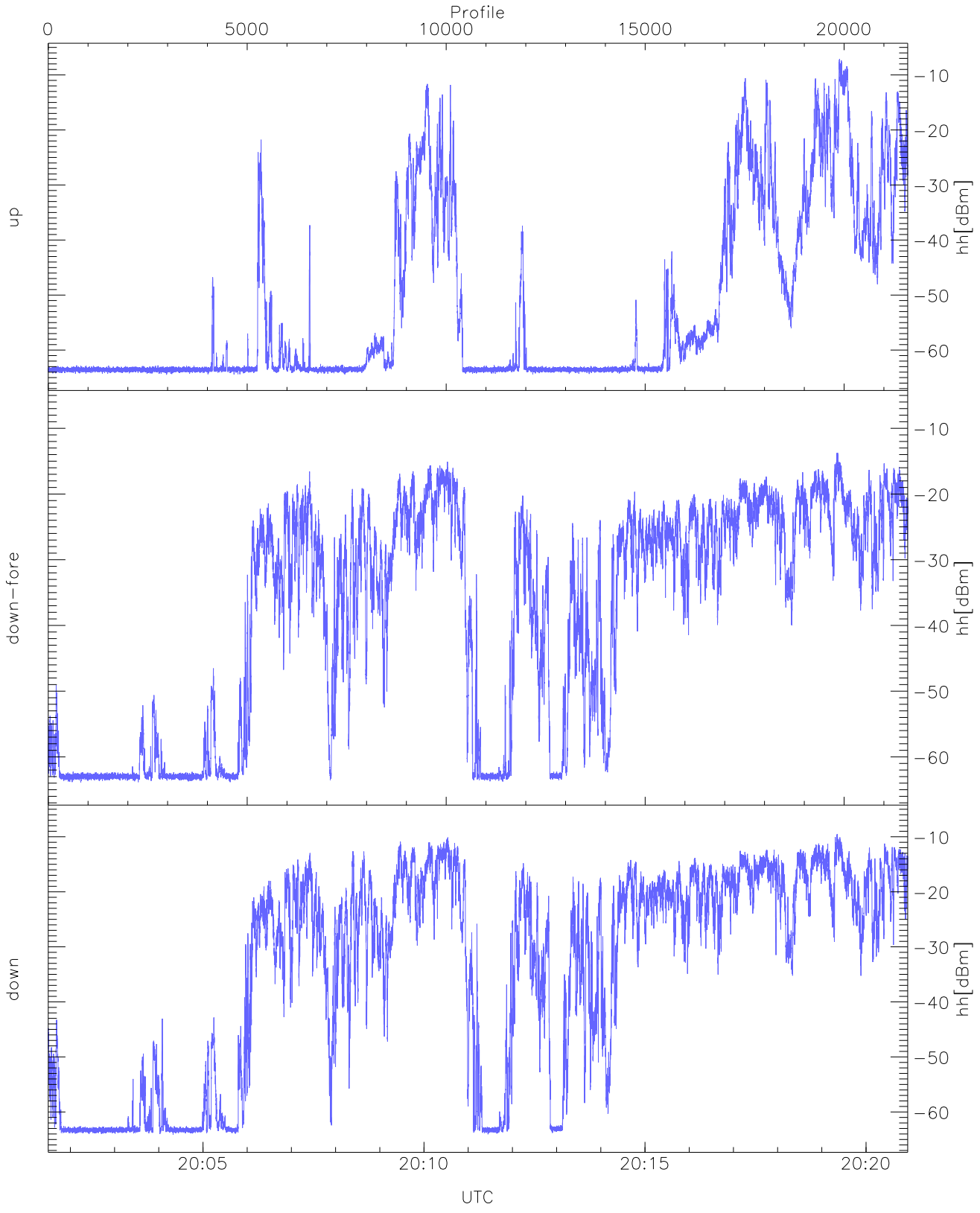
WCR2 CPP Averaged Received power for all recorded gates
blue: 200130-201113, 10801 profiles averaged
red: 201113-202057, 10800 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 200130-201113, 10801 profiles averaged
red: 201113-202057, 10800 profiles averaged

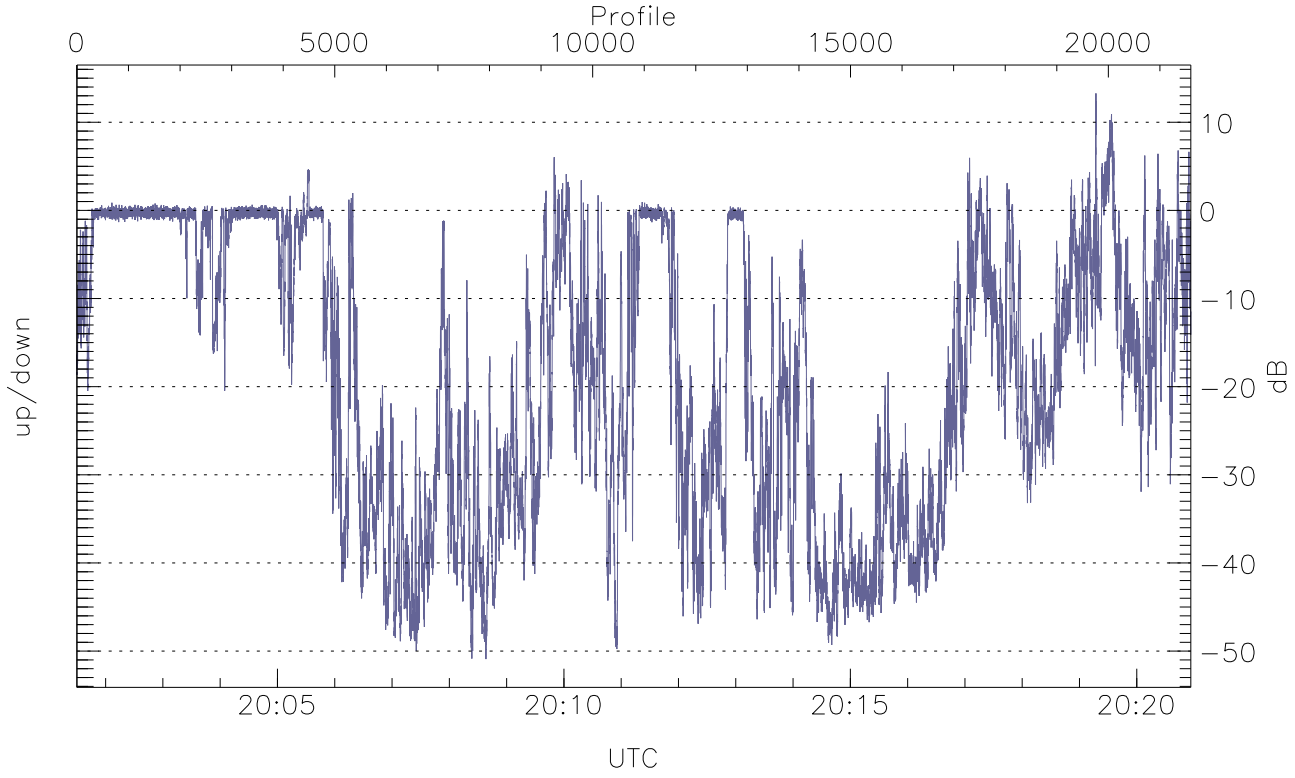


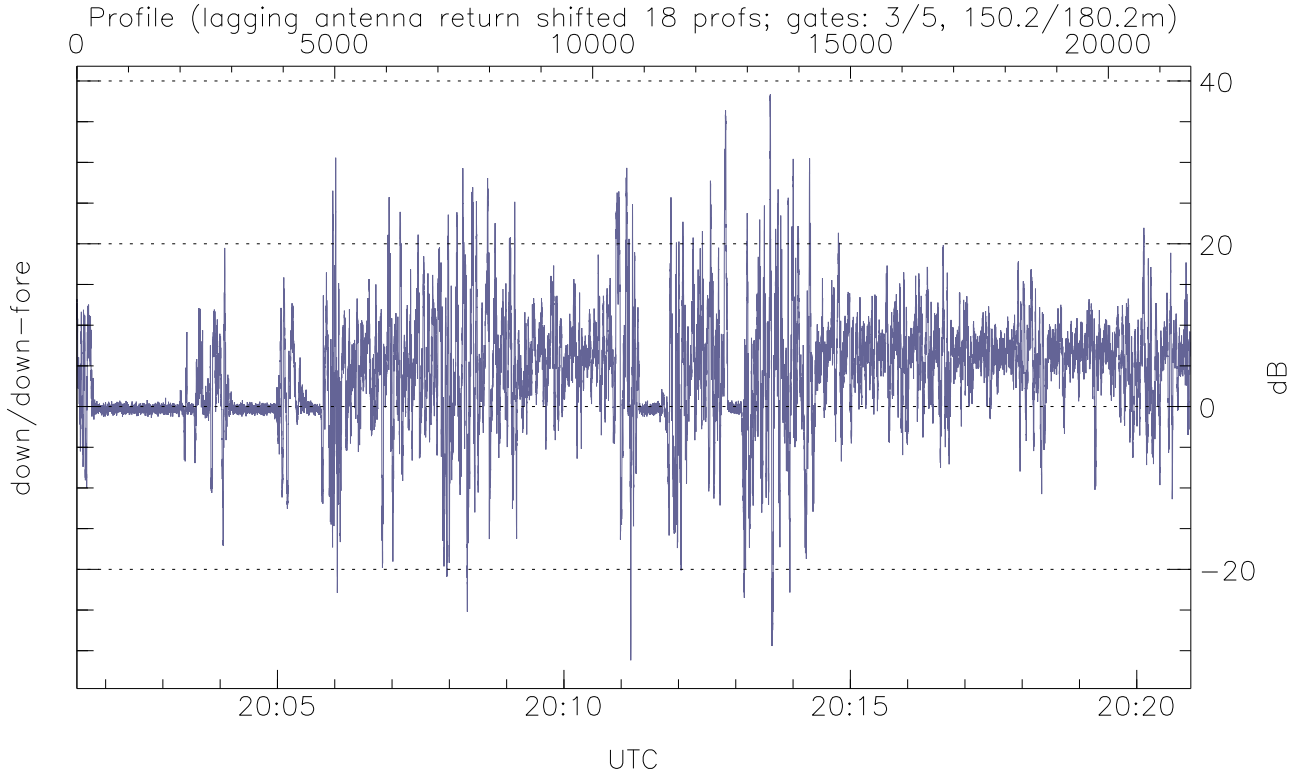
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

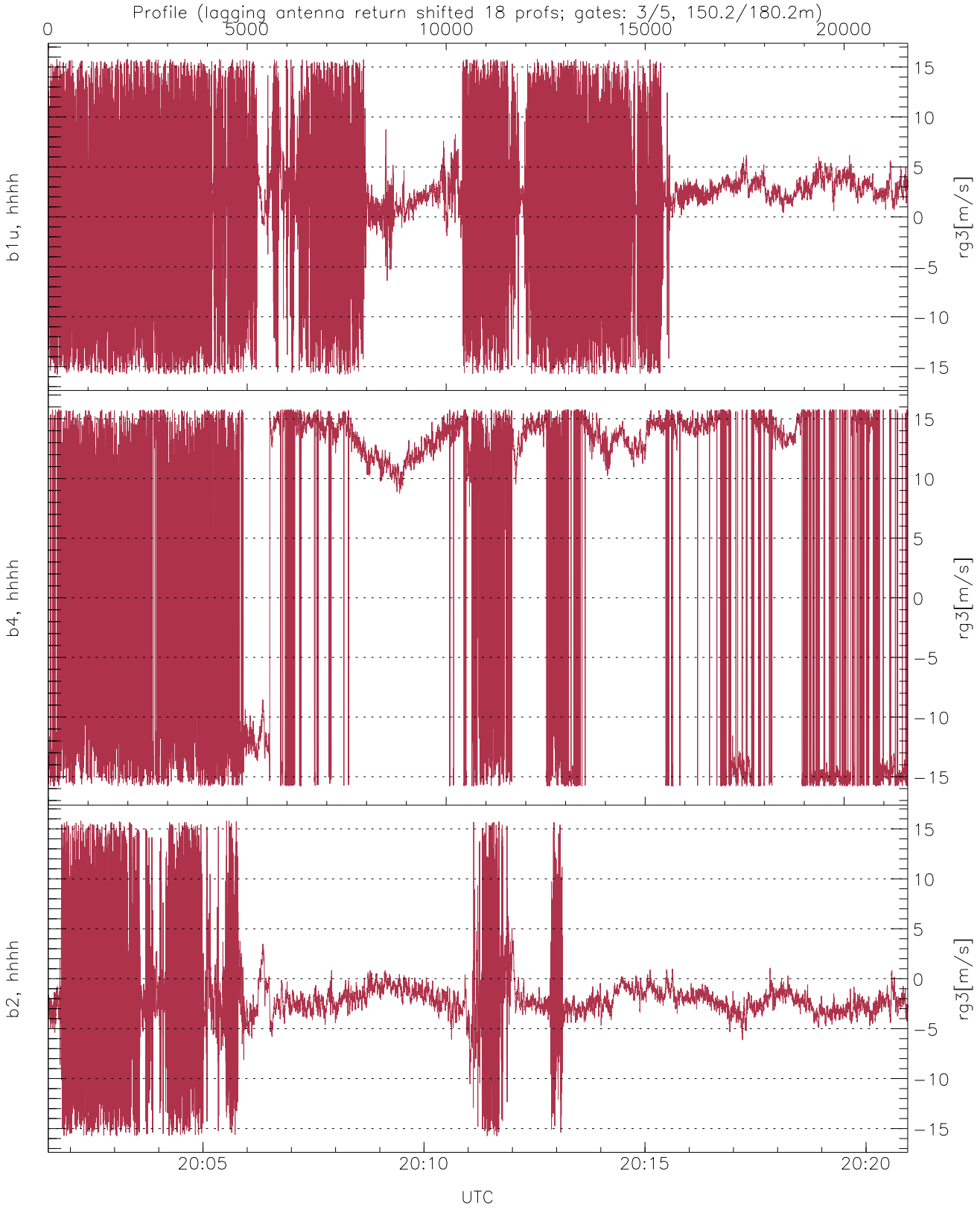
	Min	Max	Mean
up(hh[dBm])	-64.47	-7.11	-25.92
down-fore(hh[dBm])	-63.88	-13.73	-25.23
down(hh[dBm])	-64.13	-9.49	-20.08





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

	Min	Max	Mean
up/down(dB)	-50.90	13.28	-18.30
down/down-fore(dB)	-31.17	38.34	3.97



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.80	15.80	1.10	6.65
b4, hhhh(rg3[m/s])	-15.80	15.80	4.92	12.19
b2, hhhh(rg3[m/s])	-15.77	15.80	-1.86	4.06