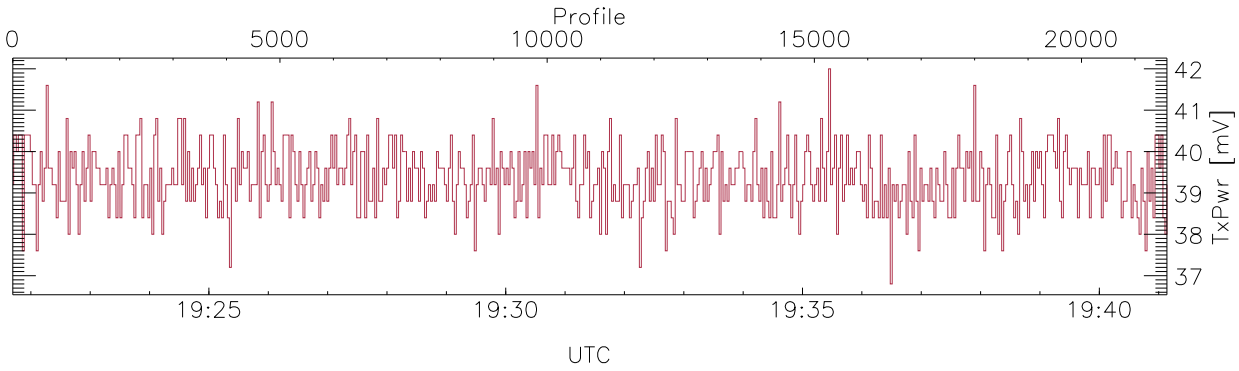
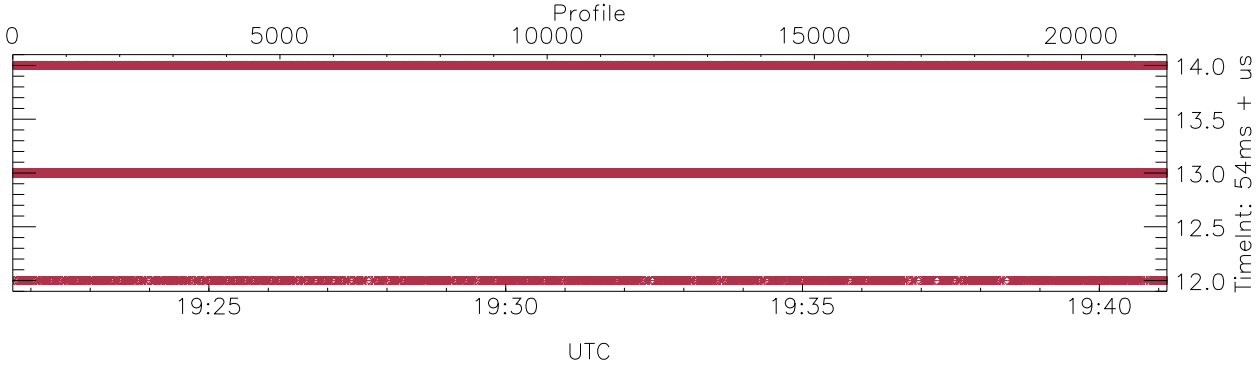
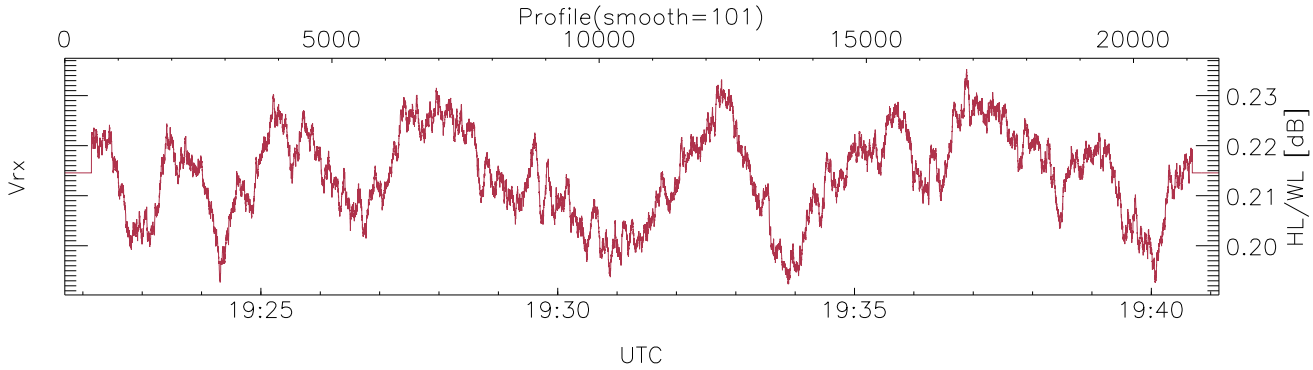
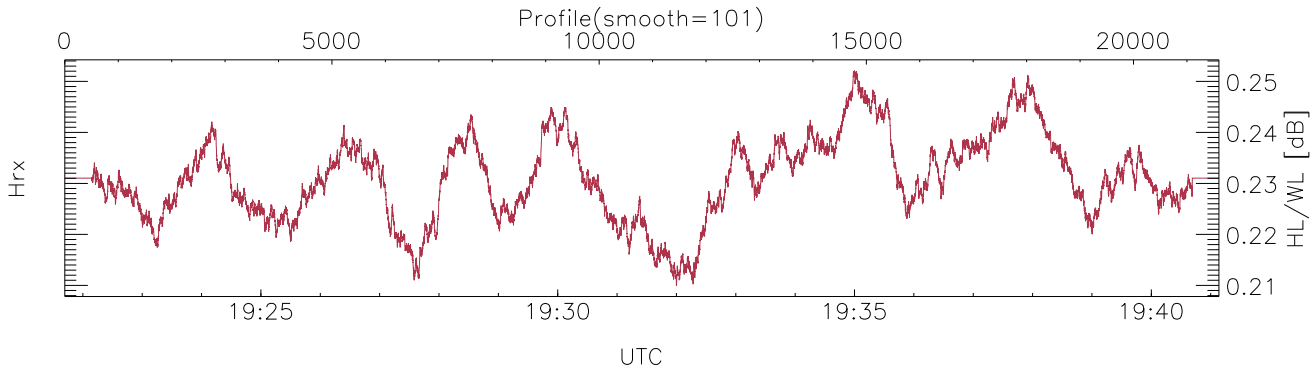


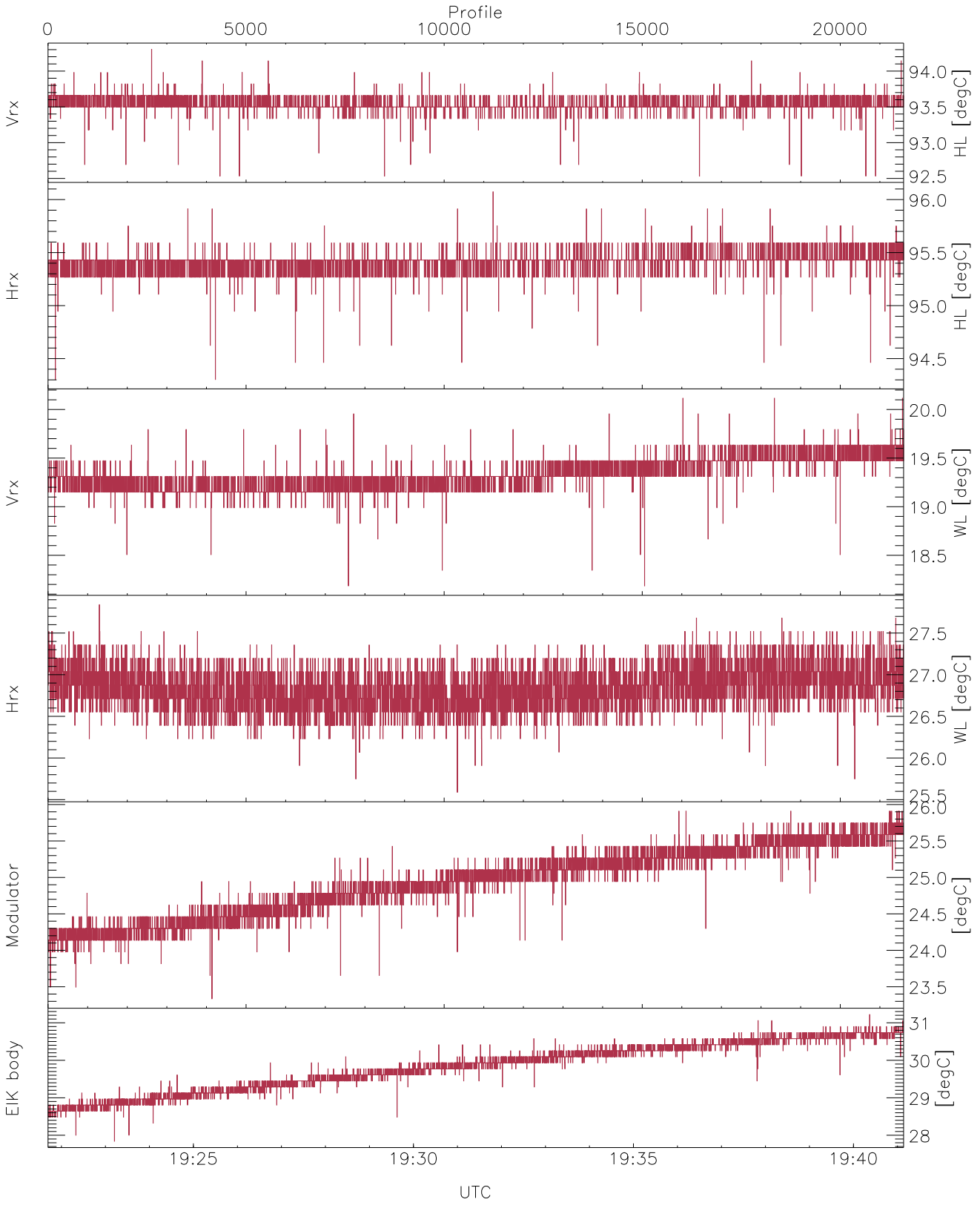






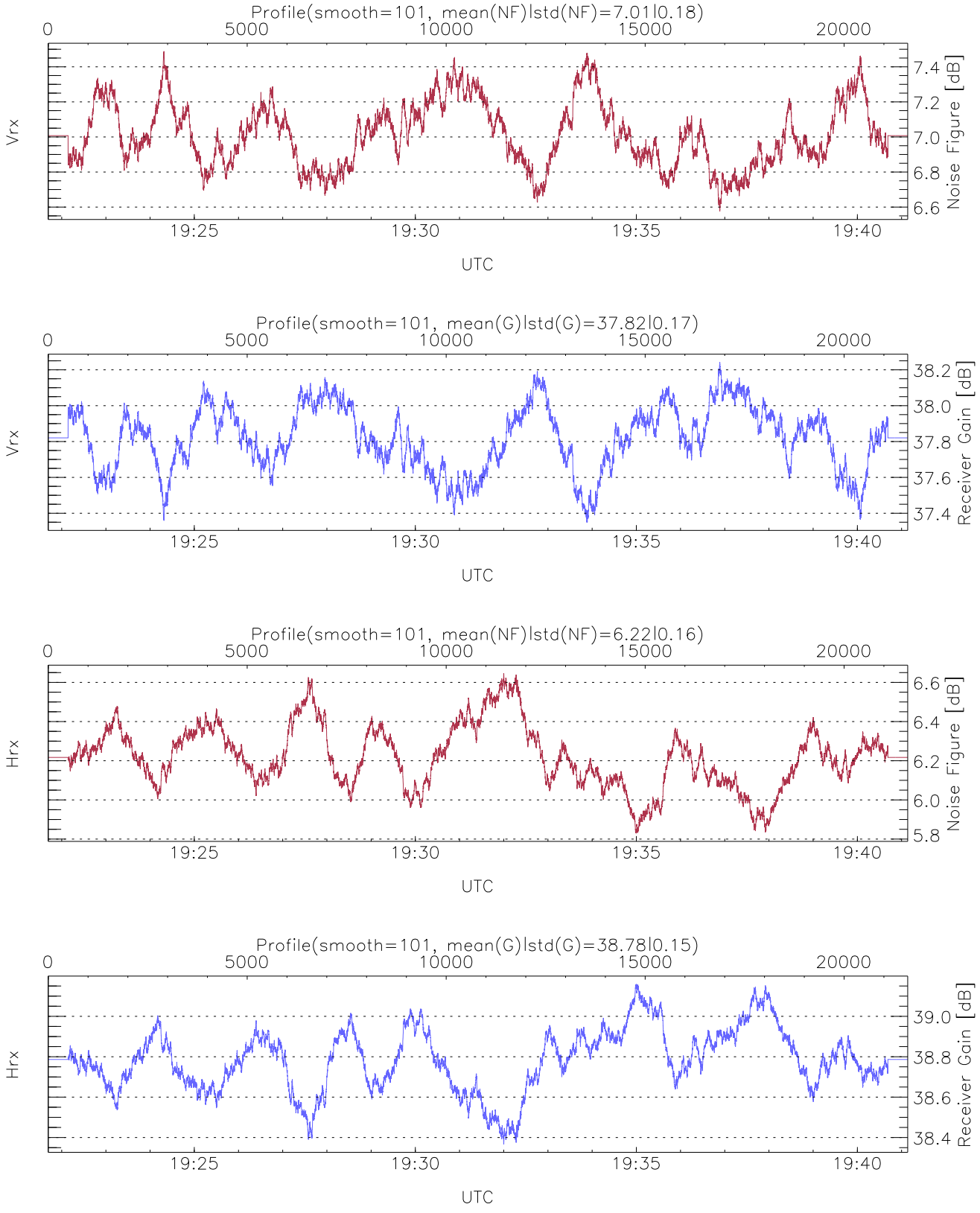
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

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): 21600/49744, 0-21599/19:21:42-19:41:08
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



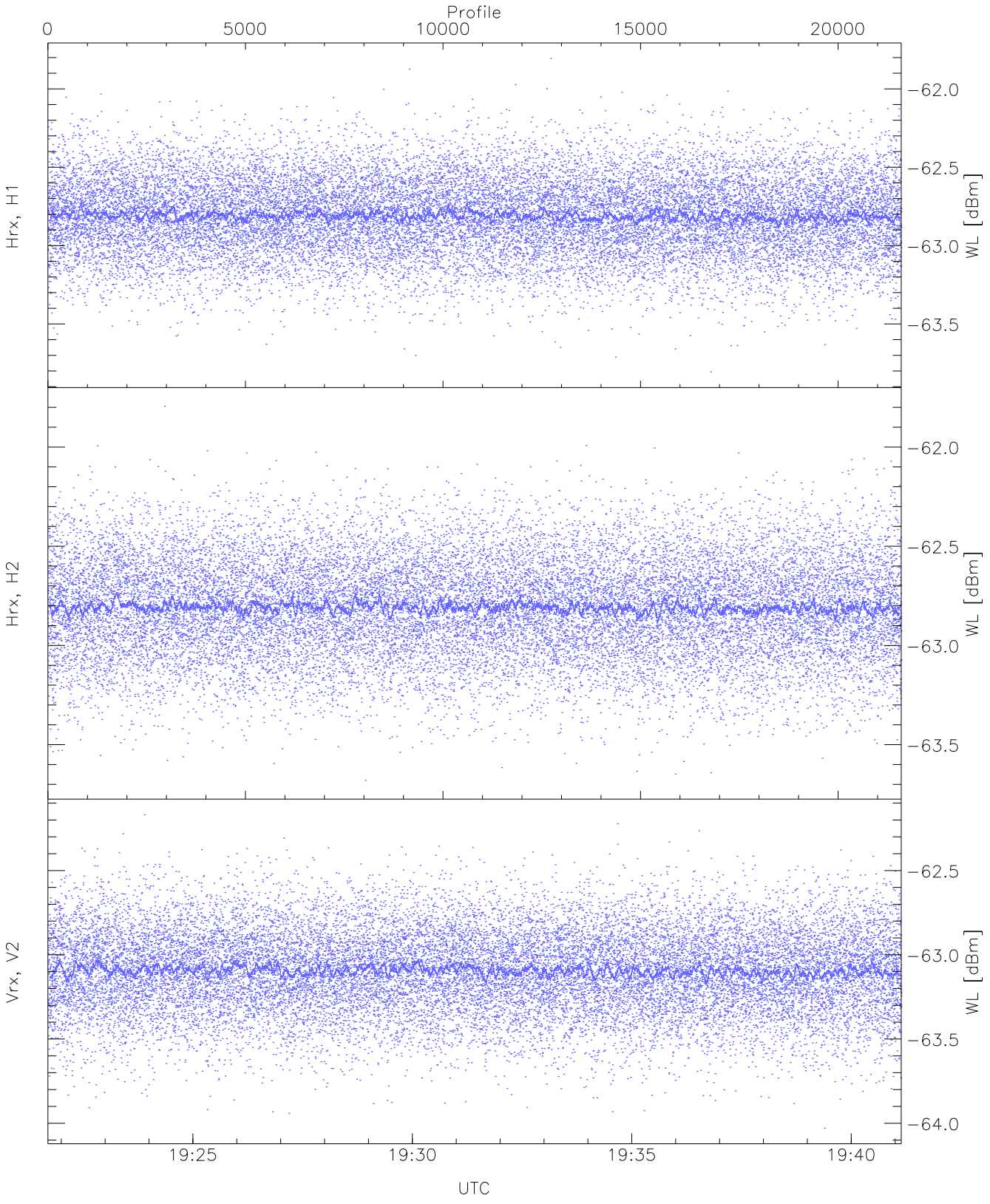
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,18,25,23,27
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,20,27,25,31
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (15,10,21,21,26,19)



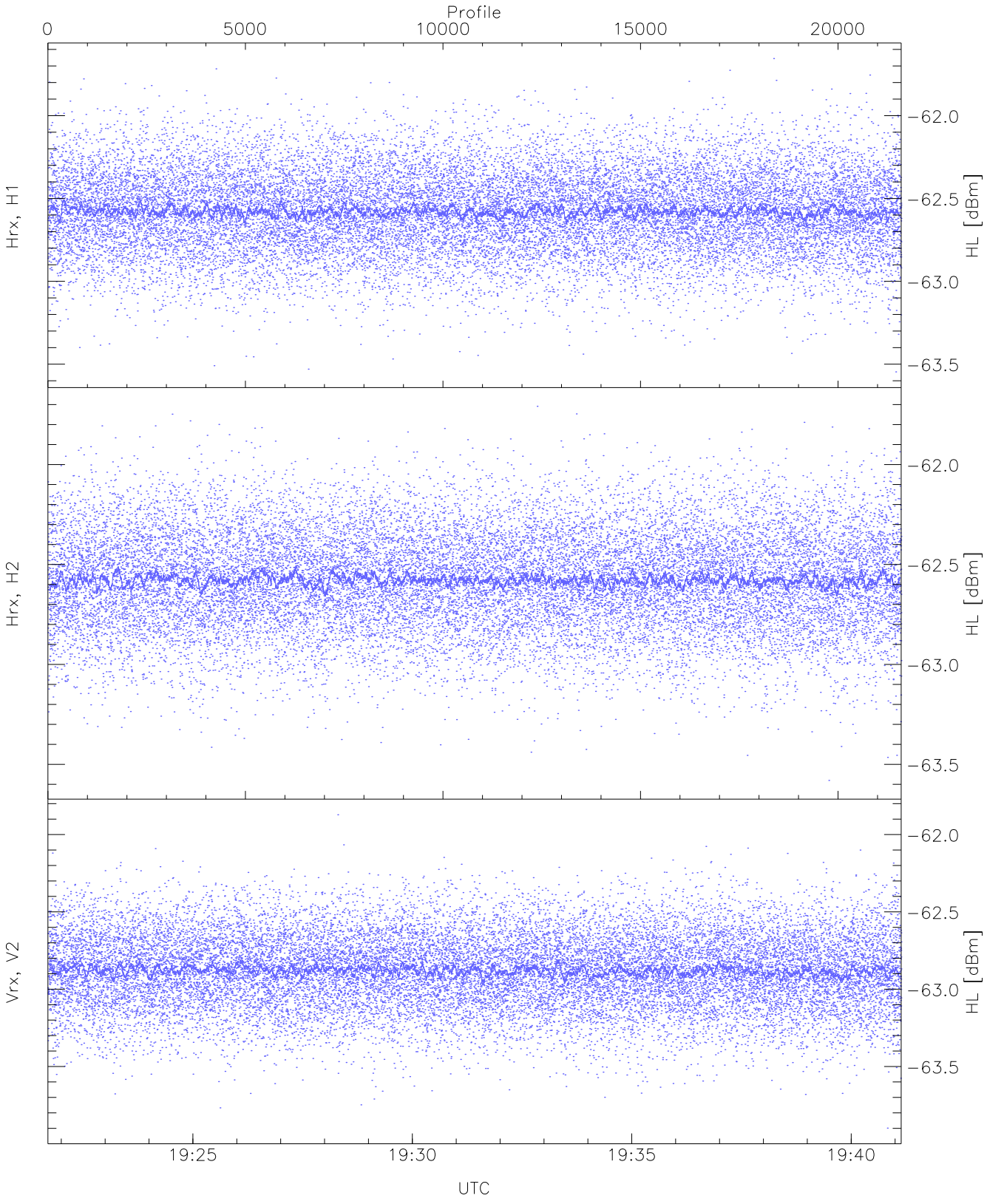
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 3108 pixs, 59 gates, 3064 profs, 2 prods



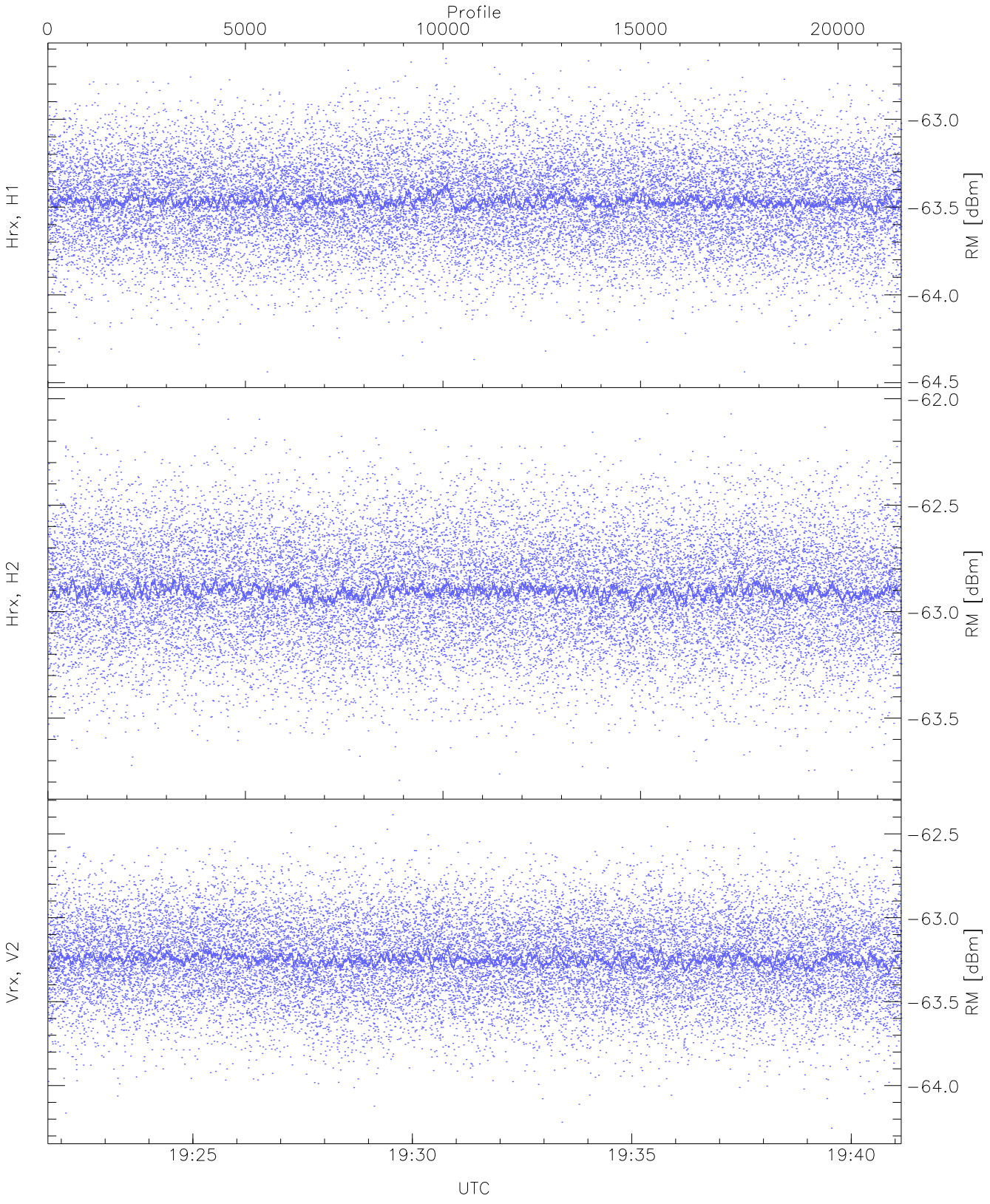
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.81	-61.81	-62.81	-62.81	-75.52
Hrx, H2(WL [dBm])	-63.68	-61.79	-62.80	-62.81	-75.49
Vrx, V2(WL [dBm])	-64.03	-62.17	-63.09	-63.09	-75.81



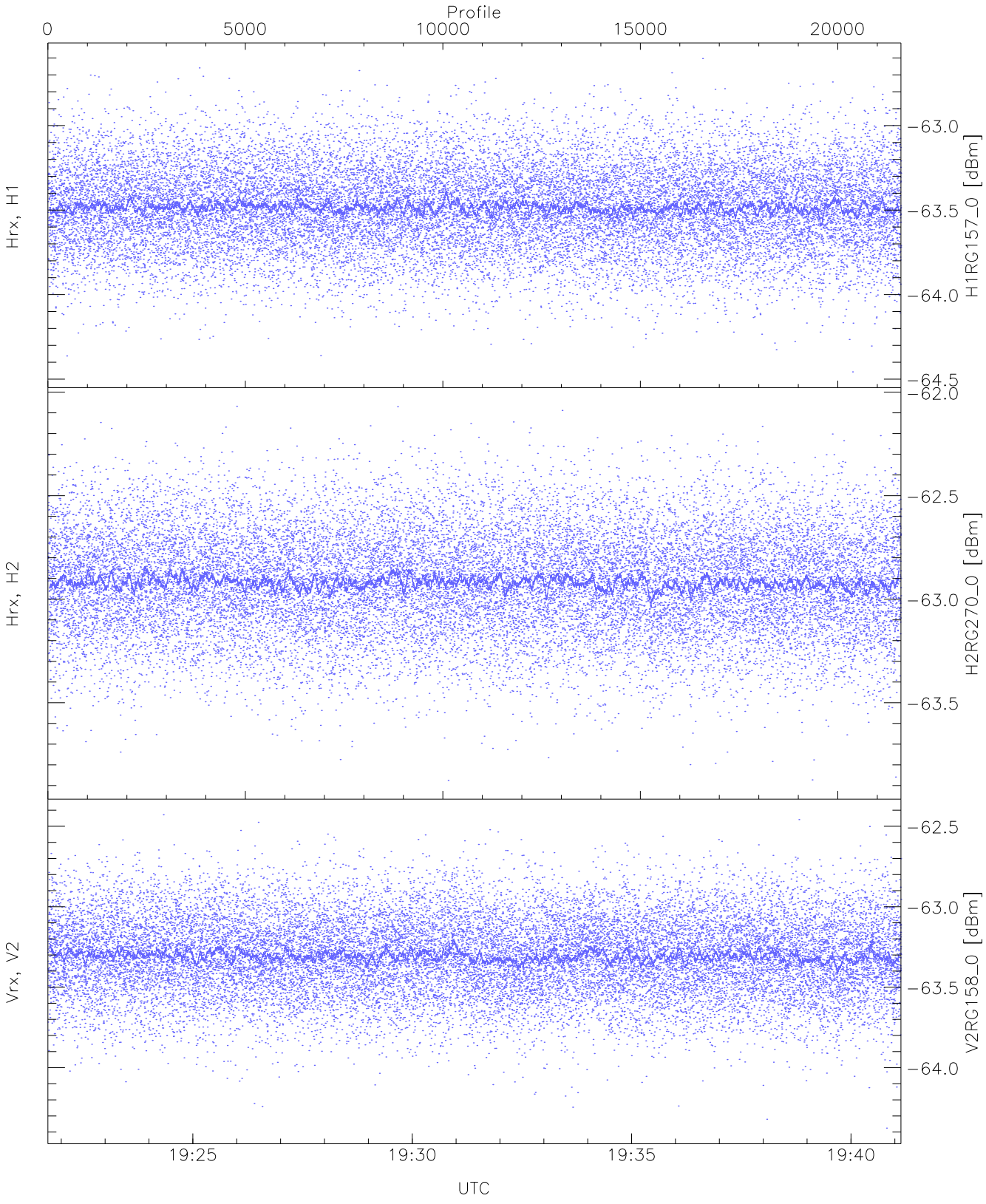
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-63.55	-61.66	-62.57	-62.58	-75.27
Hrx, H2(HL [dBm])	-63.58	-61.71	-62.57	-62.58	-75.29
Vrx, V2(HL [dBm])	-63.90	-61.87	-62.88	-62.88	-75.64



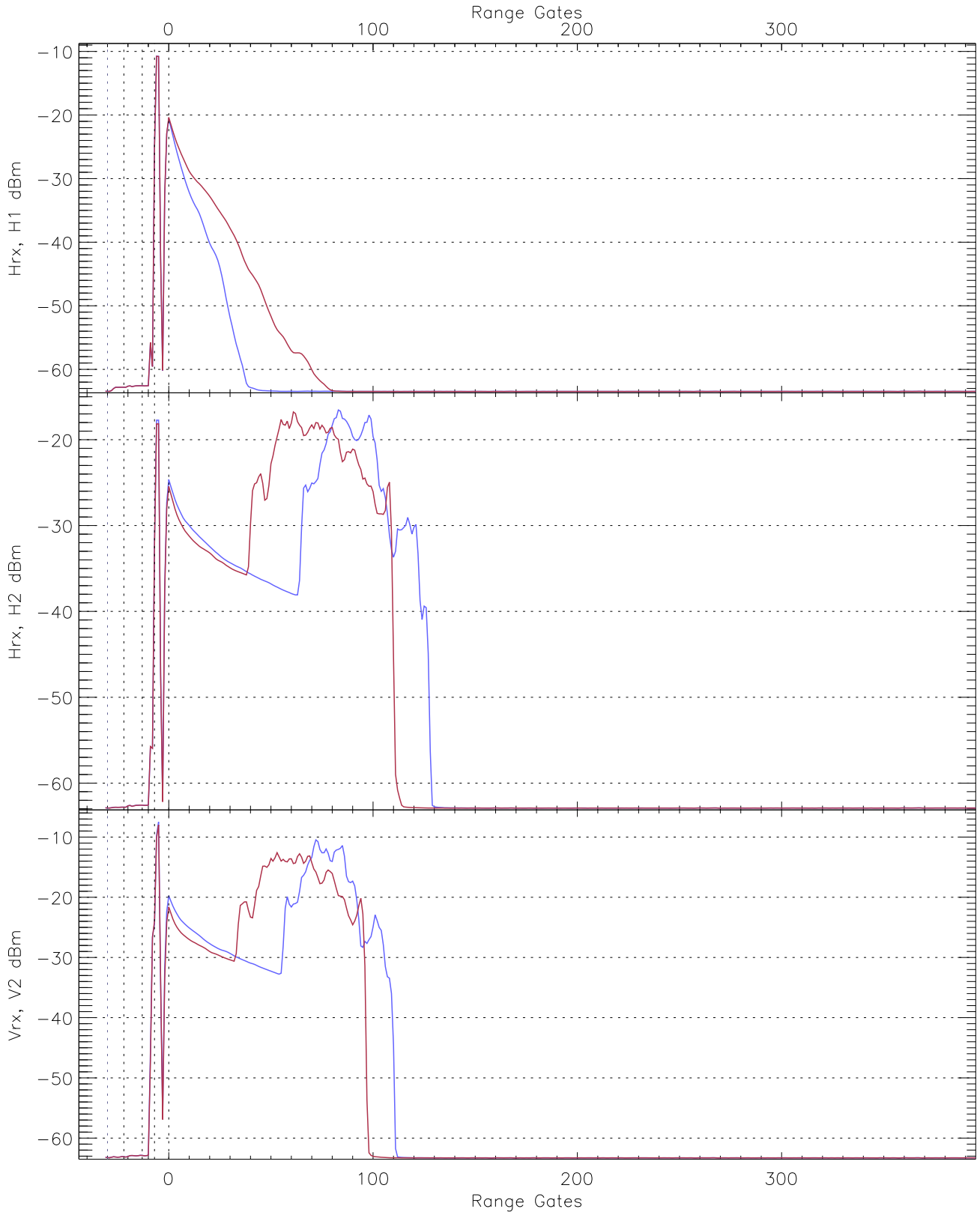
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-64.44	-62.65	-63.46	-63.47	-76.20
Hrx, H2(RM [dBm])	-63.79	-62.04	-62.90	-62.90	-75.60
Vrx, V2(RM [dBm])	-64.25	-62.39	-63.24	-63.25	-75.94

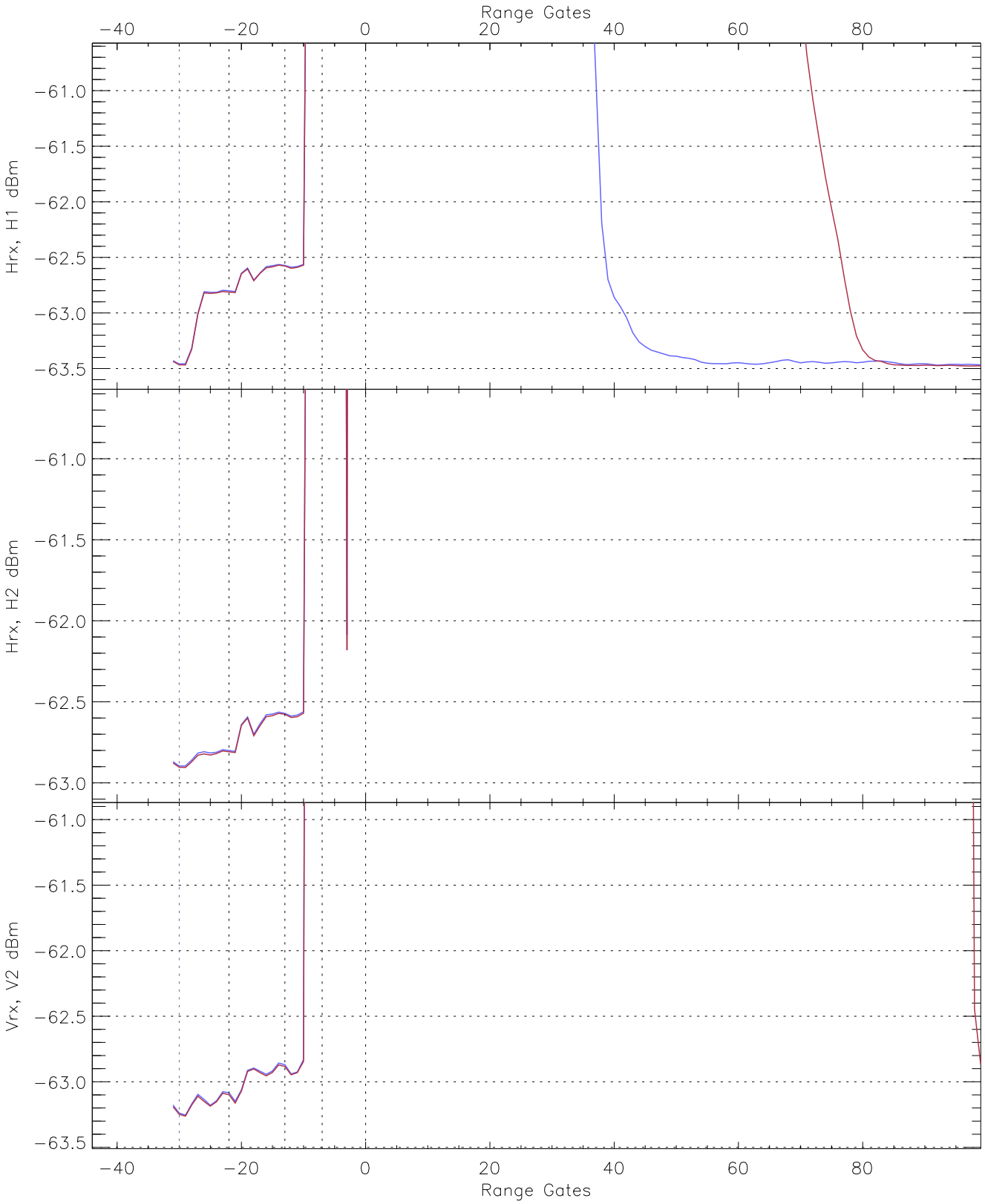


WCR2 CPP "Best" estimate Receivers Noise Power

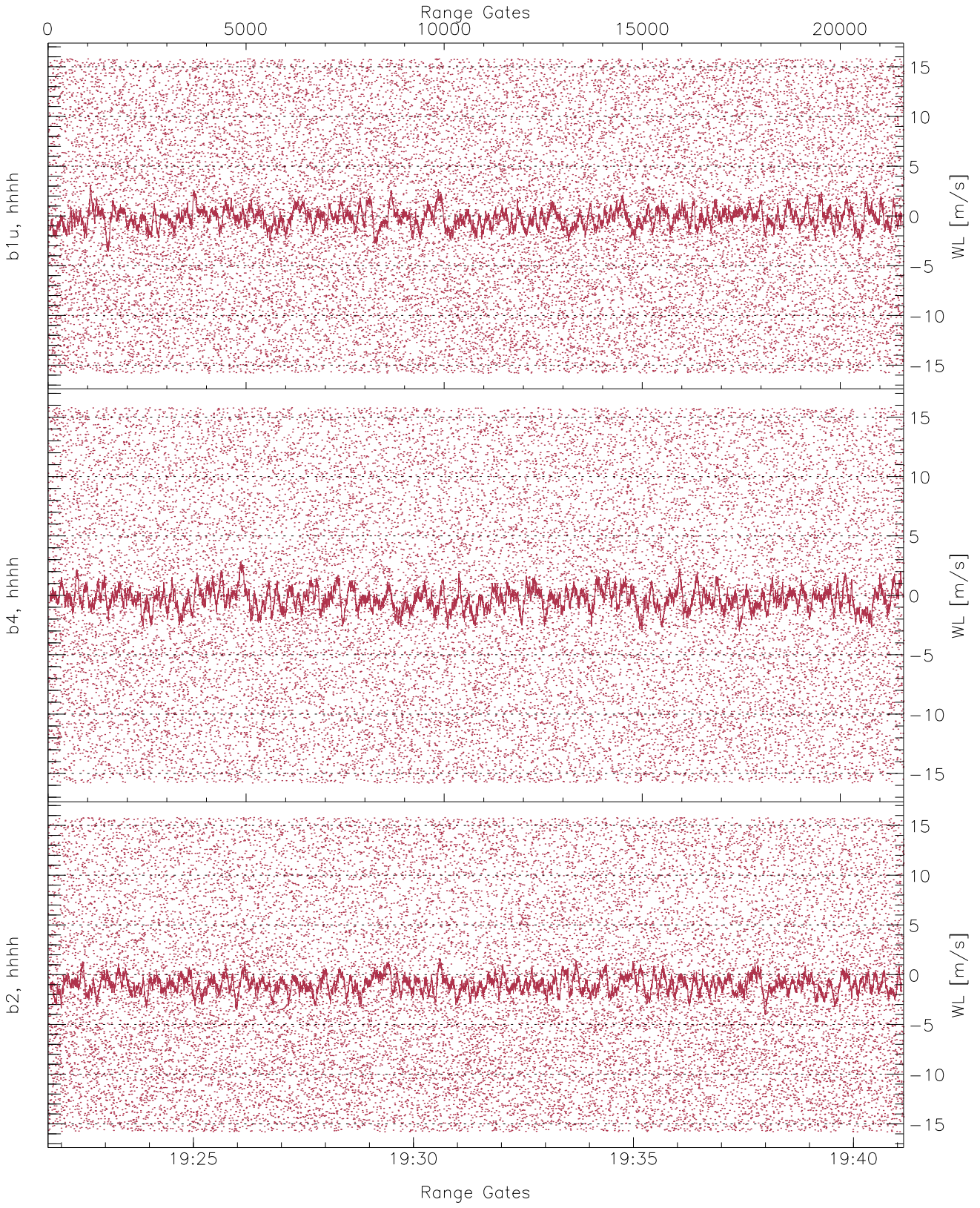
	Min	Max	Mean	Median	StDev
H1RG157_0 [dBm]	-64.46	-62.60	-63.48	-63.49	-76.15
H2RG270_0 [dBm]	-63.88	-62.07	-62.92	-62.92	-75.60
V2RG158_0 [dBm]	-64.38	-62.43	-63.30	-63.31	-75.98



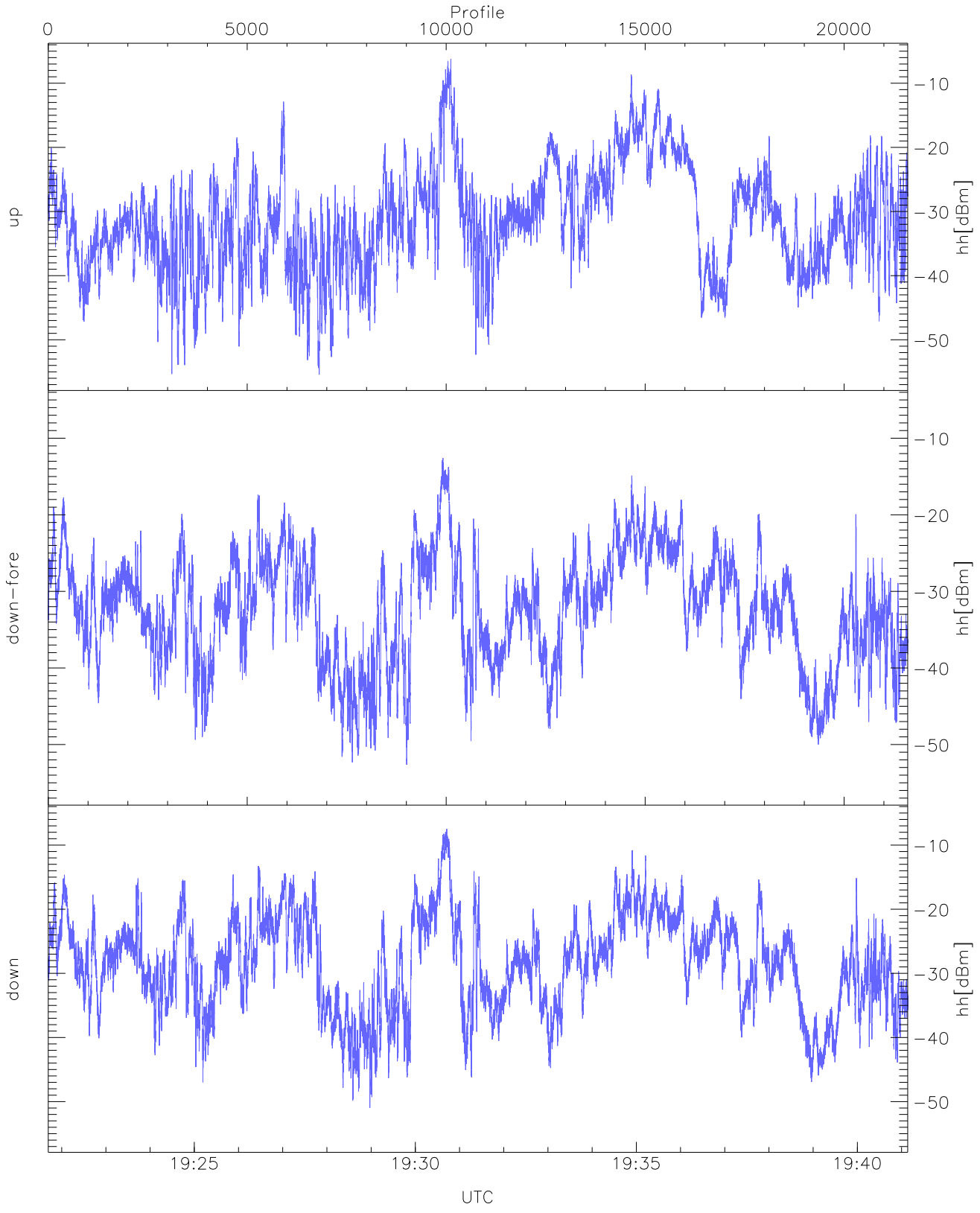
WCR2 CPP Averaged Received power for all recorded gates
blue: 192142-193125, 10801 profiles averaged
red: 193125-194108, 10800 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 192142-193125, 10801 profiles averaged
red: 193125-194108, 10800 profiles averaged

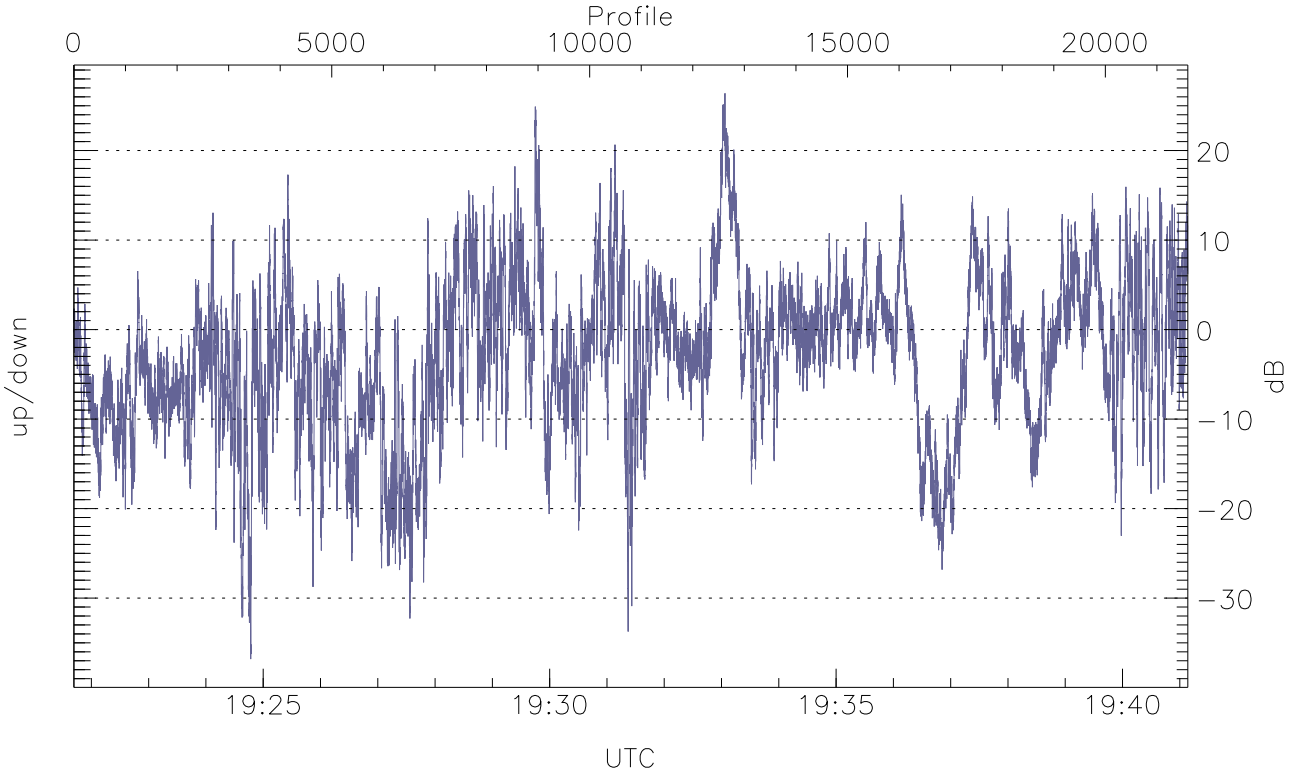


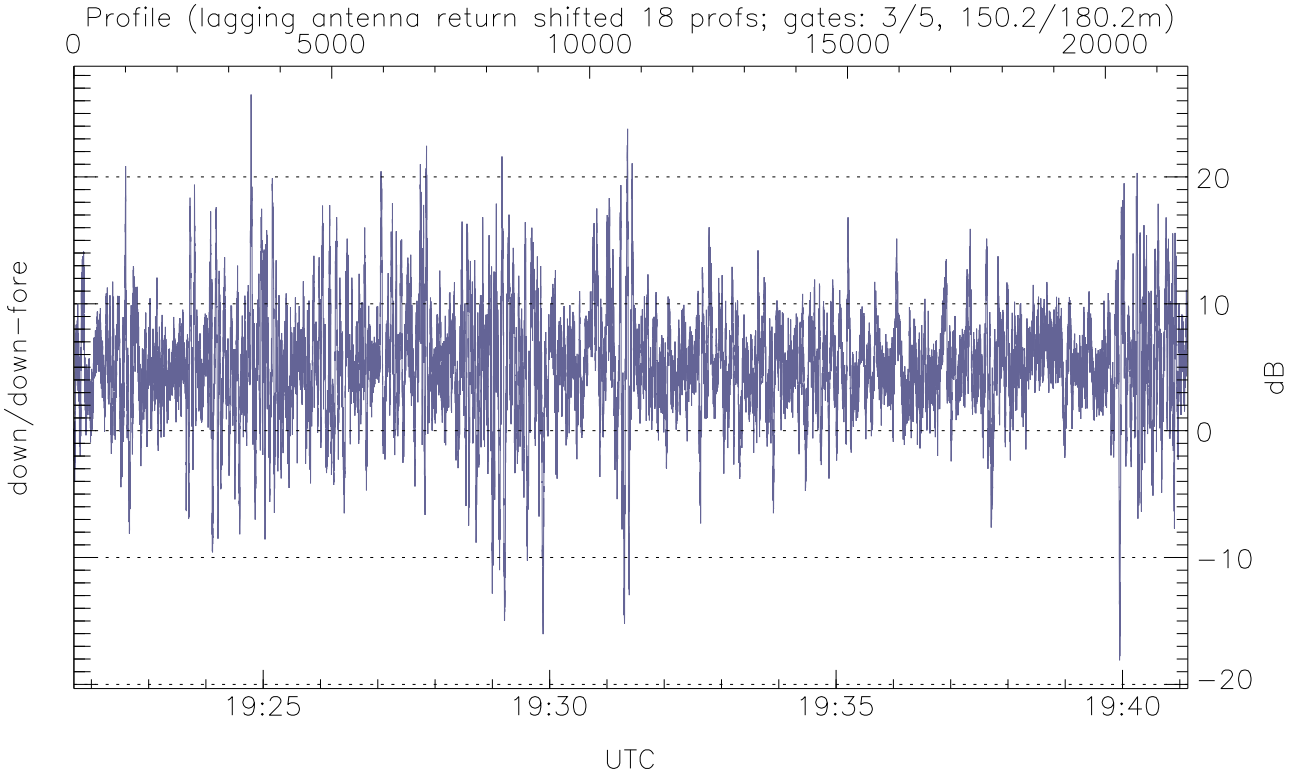
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

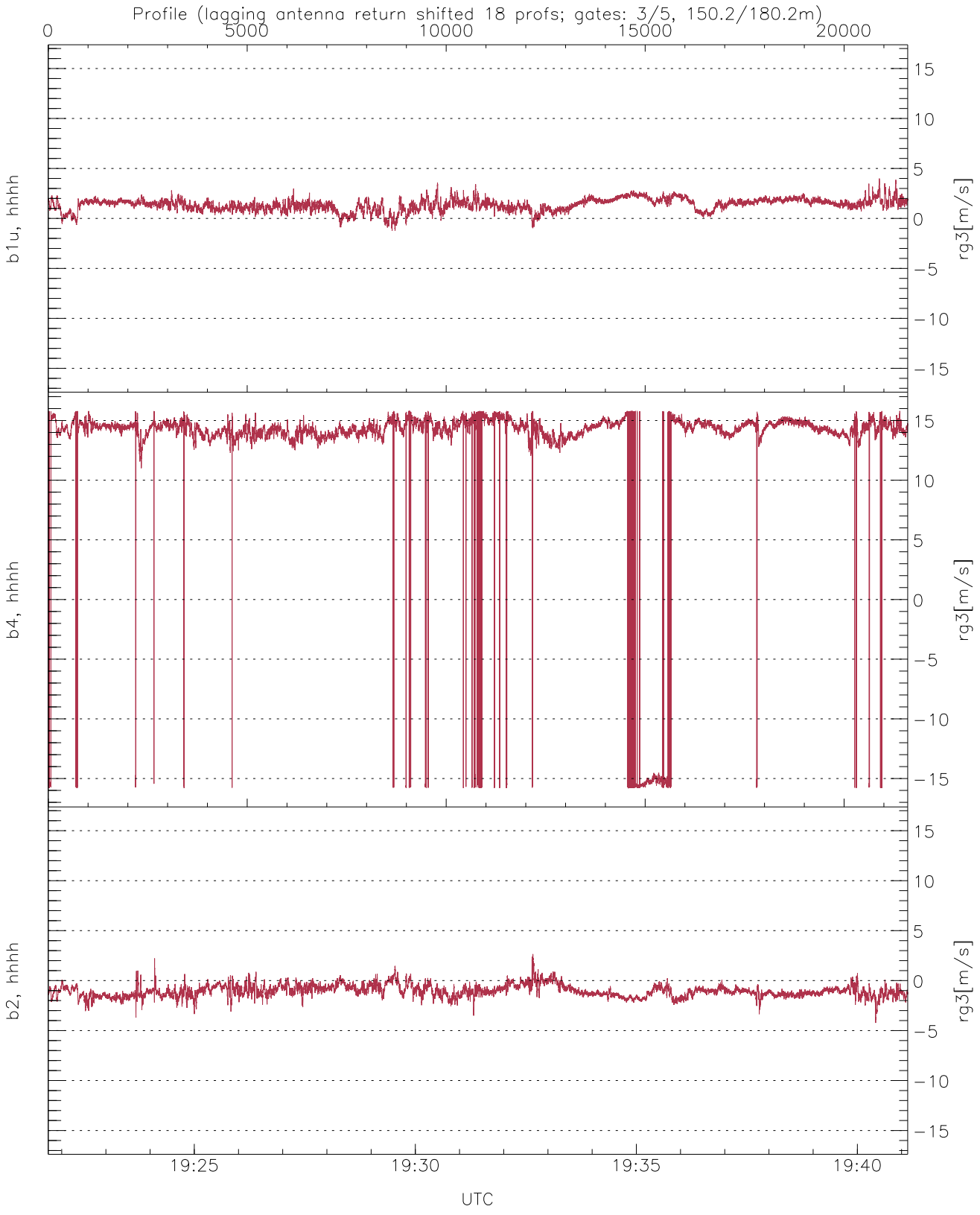
	Min	Max	Mean
up(hh[dBm])	-55.45	-6.22	-24.03
down-fore(hh[dBm])	-52.64	-12.58	-27.45
down(hh[dBm])	-50.96	-7.48	-23.12





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

	Min	Max	Mean
up/down(dB)	-36.81	26.40	-2.88
down/down-fore(dB)	-18.10	26.50	5.13



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-1.23	4.00	1.37	0.62
b4, hhhh(rg3[m/s])	-15.80	15.80	12.52	7.20
b2, hhhh(rg3[m/s])	-4.23	2.65	-1.05	0.60