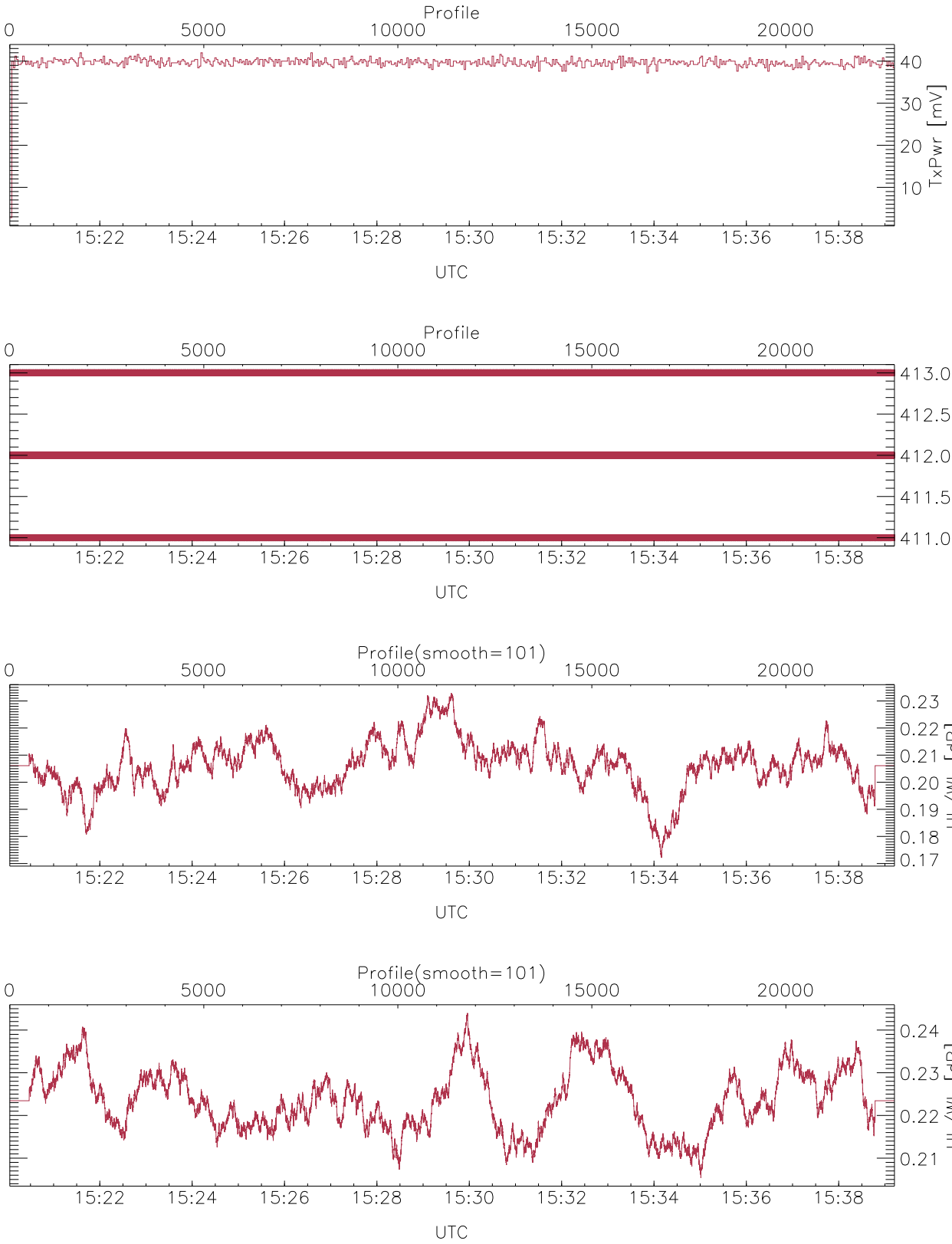
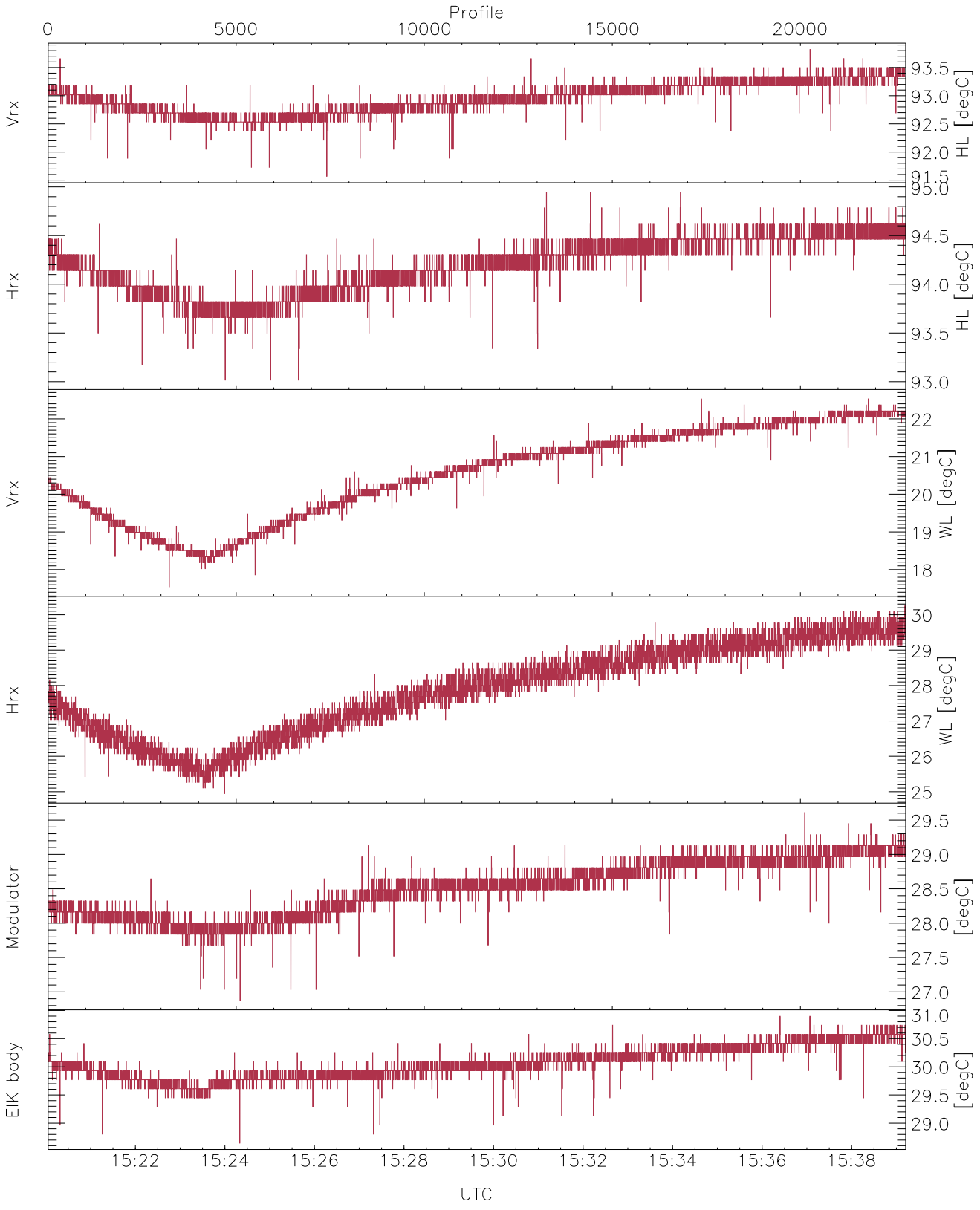


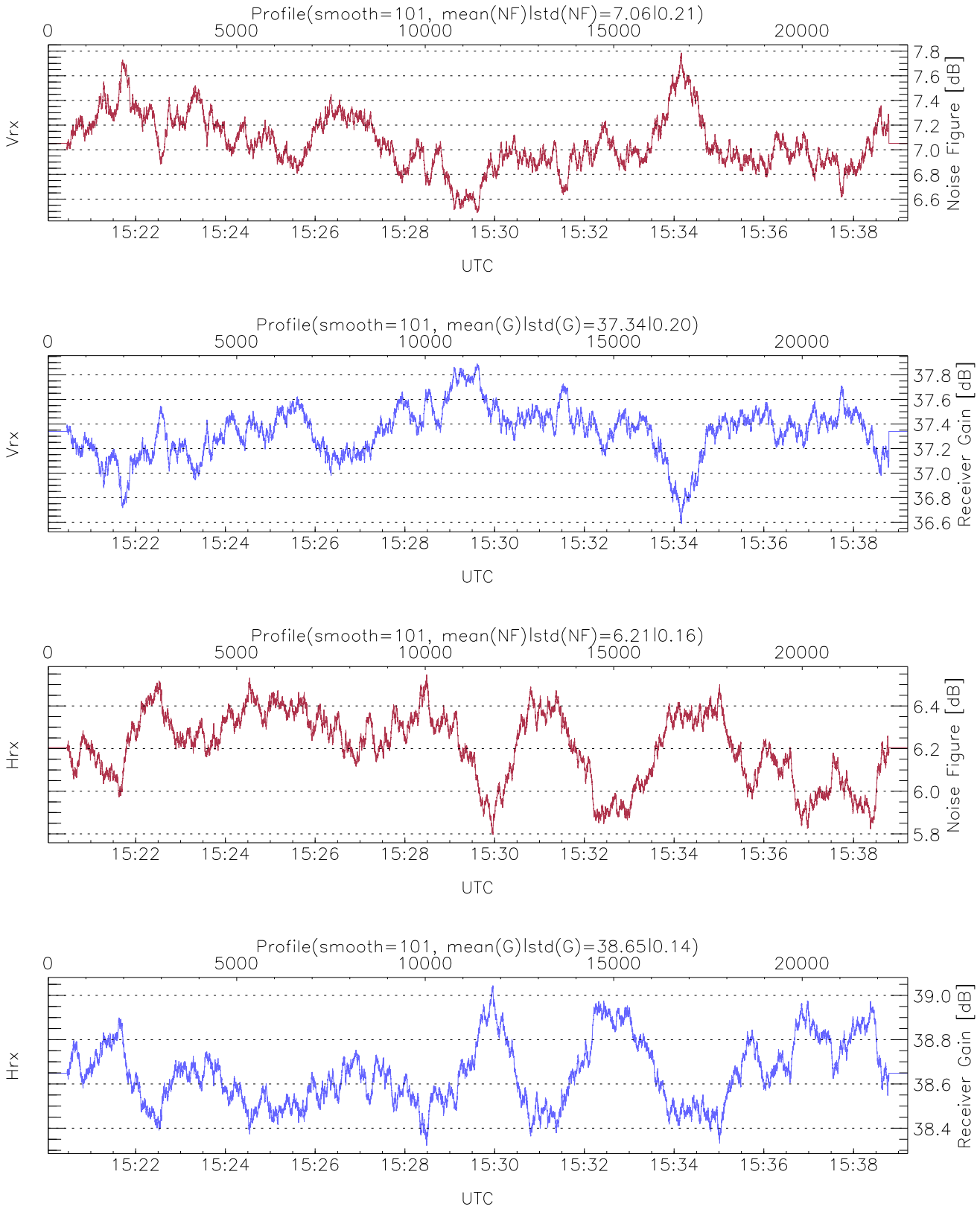
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 15:20:03-15:46:06, Dur: 1562.99s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
NumRec(r/t): 22800/31005, 0-22799/15:20:03-15:39:12
AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
Pulse: 200ns, IFF: 5.0MHz, 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): 105,5271,15.0 m, Gates: 345, Aspect: 3.3
Mirror(-9|0|1|2,3,9x = no mirror|sideluplerror): 1



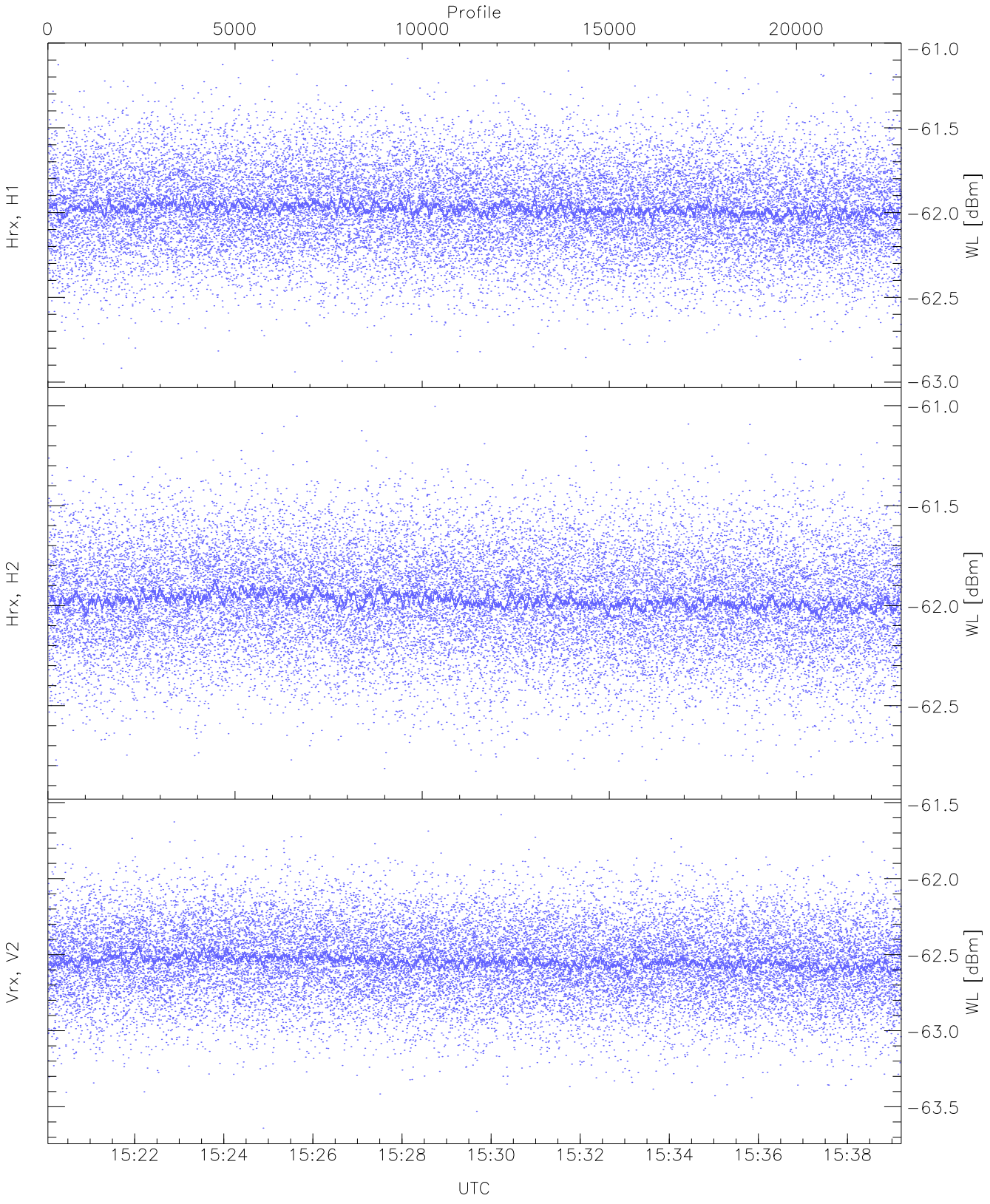
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,17,24,26,28
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,22,30,29,30
LOalarm(20,80,240,2.8,14.8 MHz): 10,0,0,0,0
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (15,15,20,20,15,5)



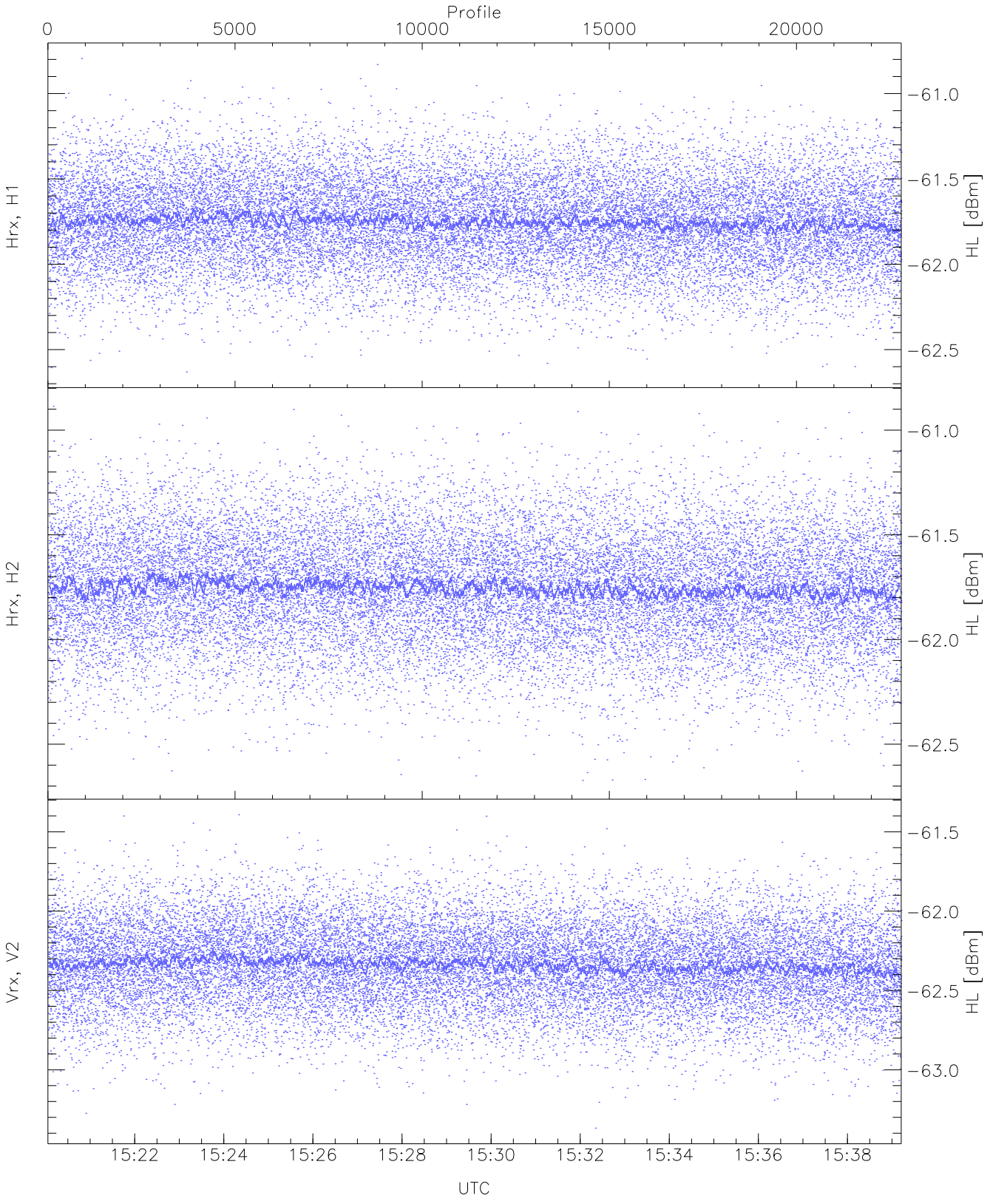
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 16905 pixs, 41 gates, 15243 profs, 2 prods



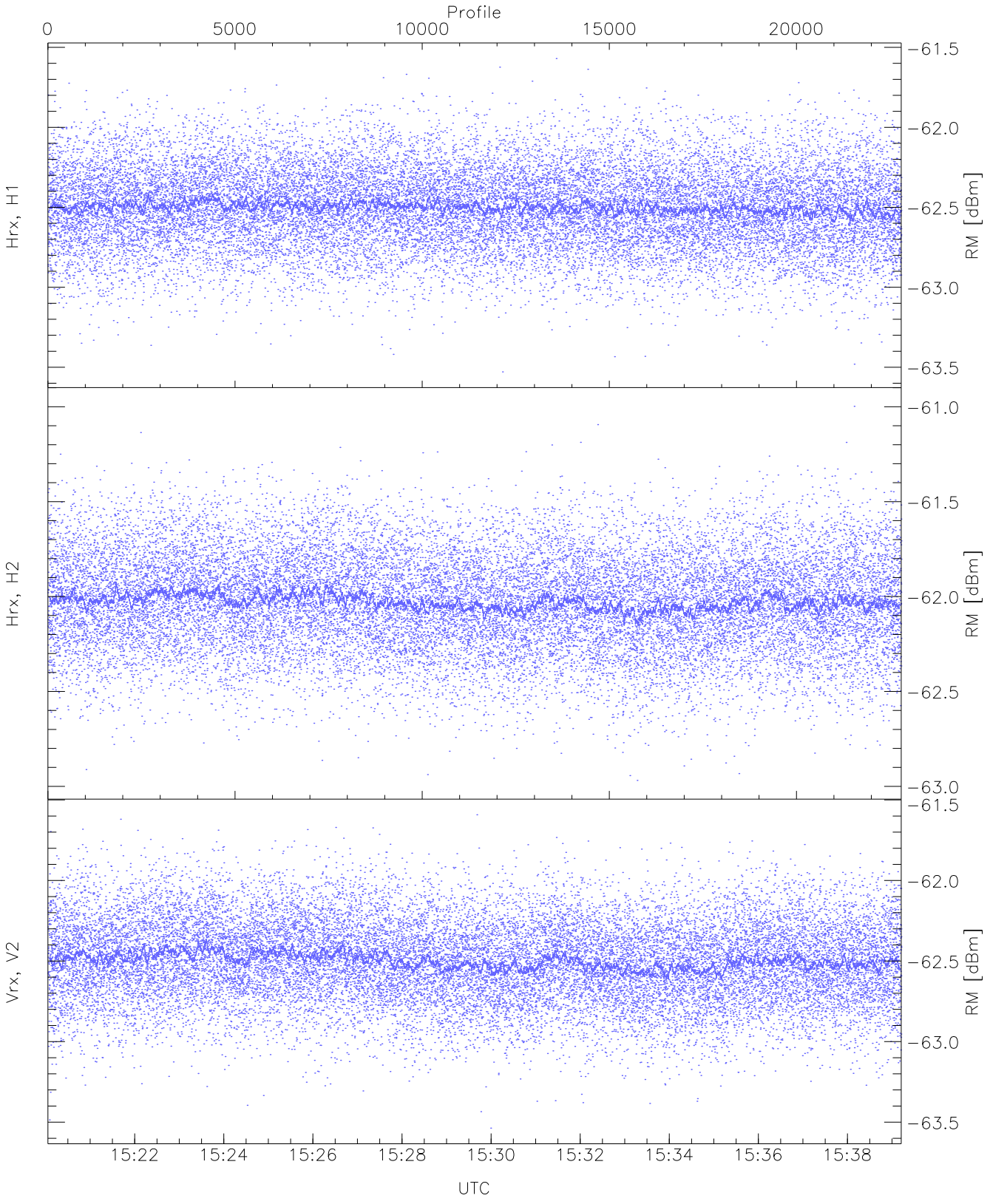
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.94	-61.09	-61.97	-61.98	-74.55
Hrx, H2(WL [dBm])	-62.87	-61.00	-61.97	-61.97	-74.57
Vrx, V2(WL [dBm])	-63.64	-61.58	-62.54	-62.54	-75.13



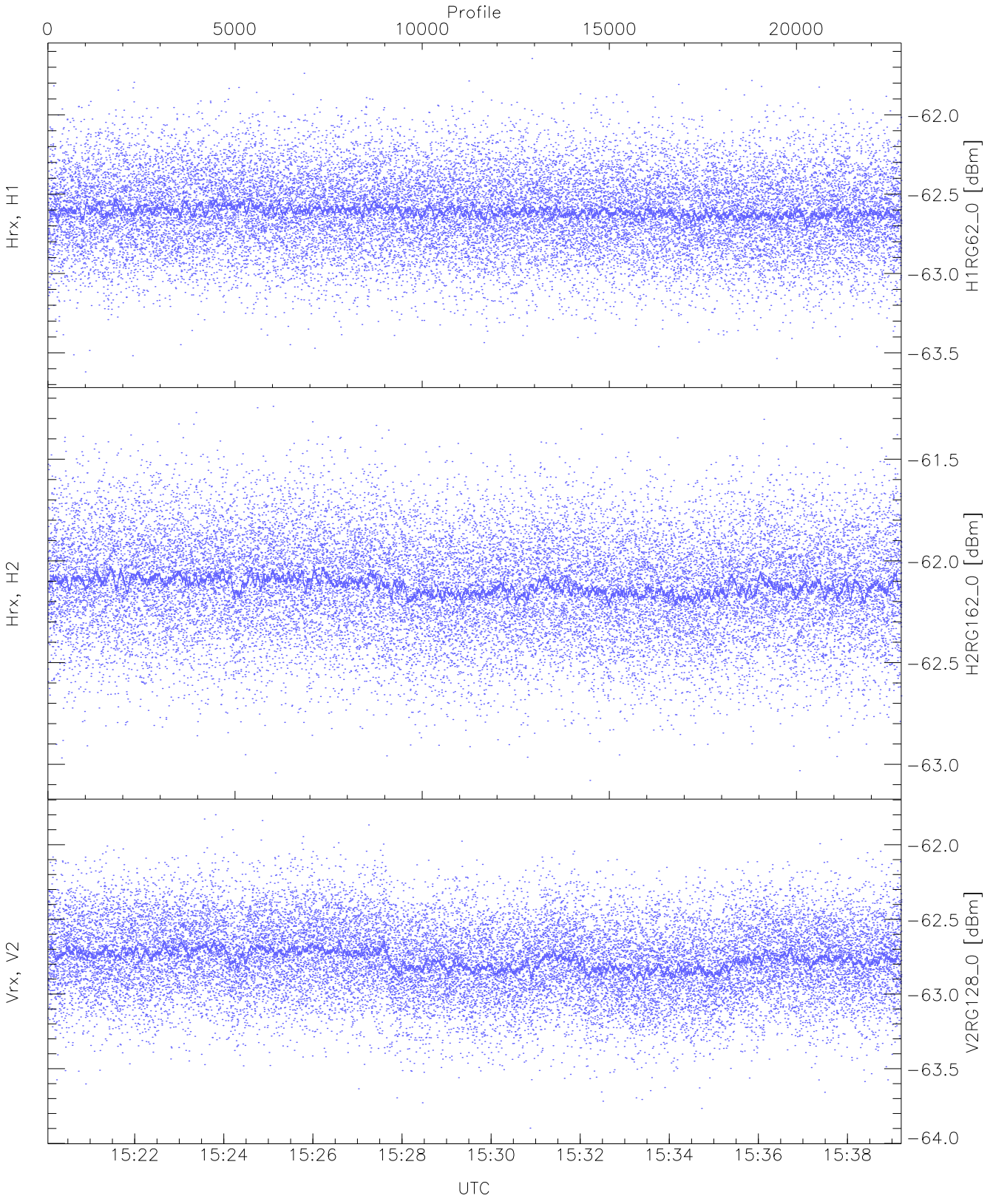
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.63	-60.80	-61.75	-61.75	-74.33
Hrx, H2(HL [dBm])	-62.67	-60.89	-61.75	-61.75	-74.30
Vrx, V2(HL [dBm])	-63.37	-61.39	-62.33	-62.34	-74.87



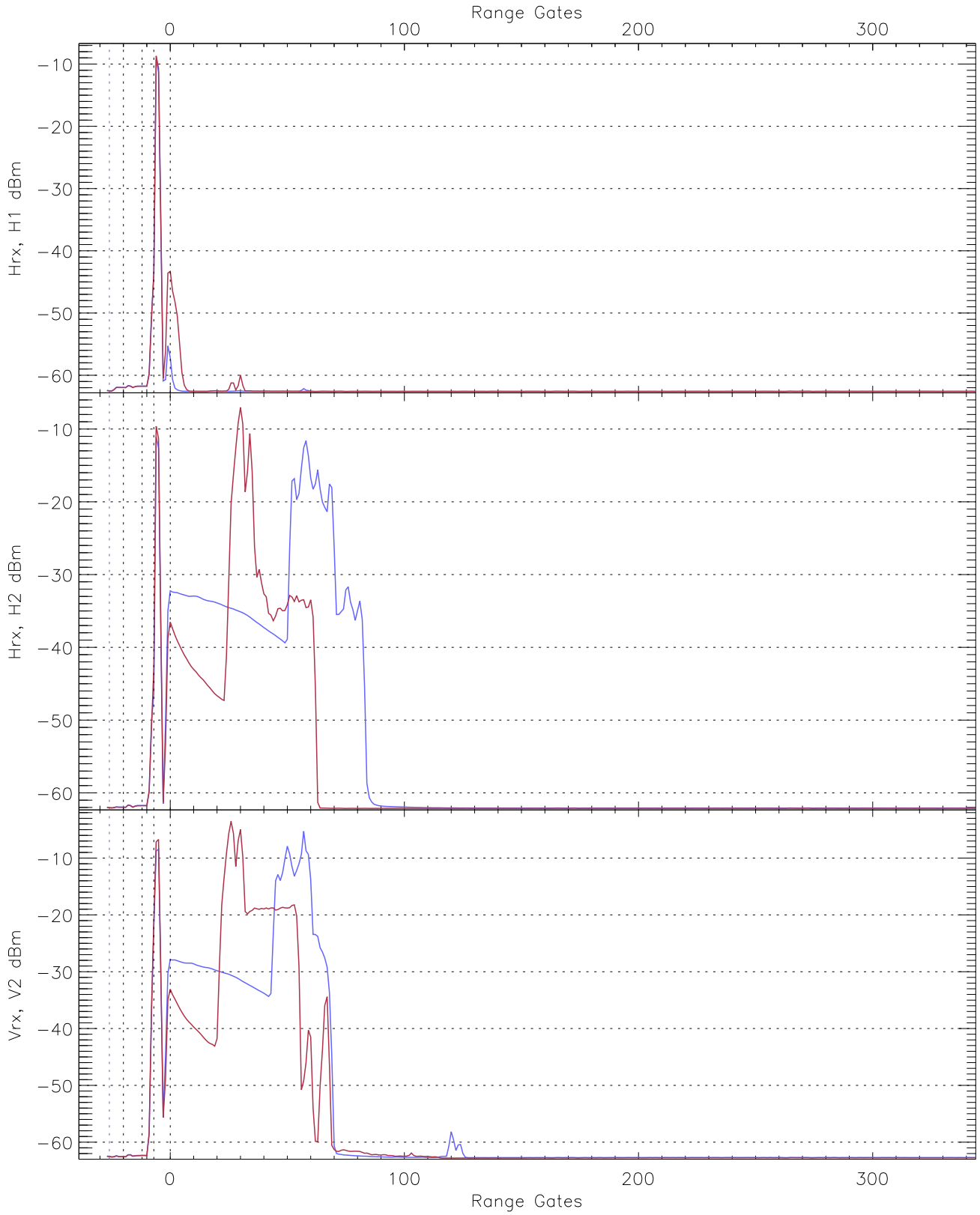
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.53	-61.57	-62.50	-62.50	-75.07
Hrx, H2(RM [dBm])	-62.97	-61.00	-62.02	-62.03	-74.55
Vrx, V2(RM [dBm])	-63.54	-61.59	-62.49	-62.50	-75.01

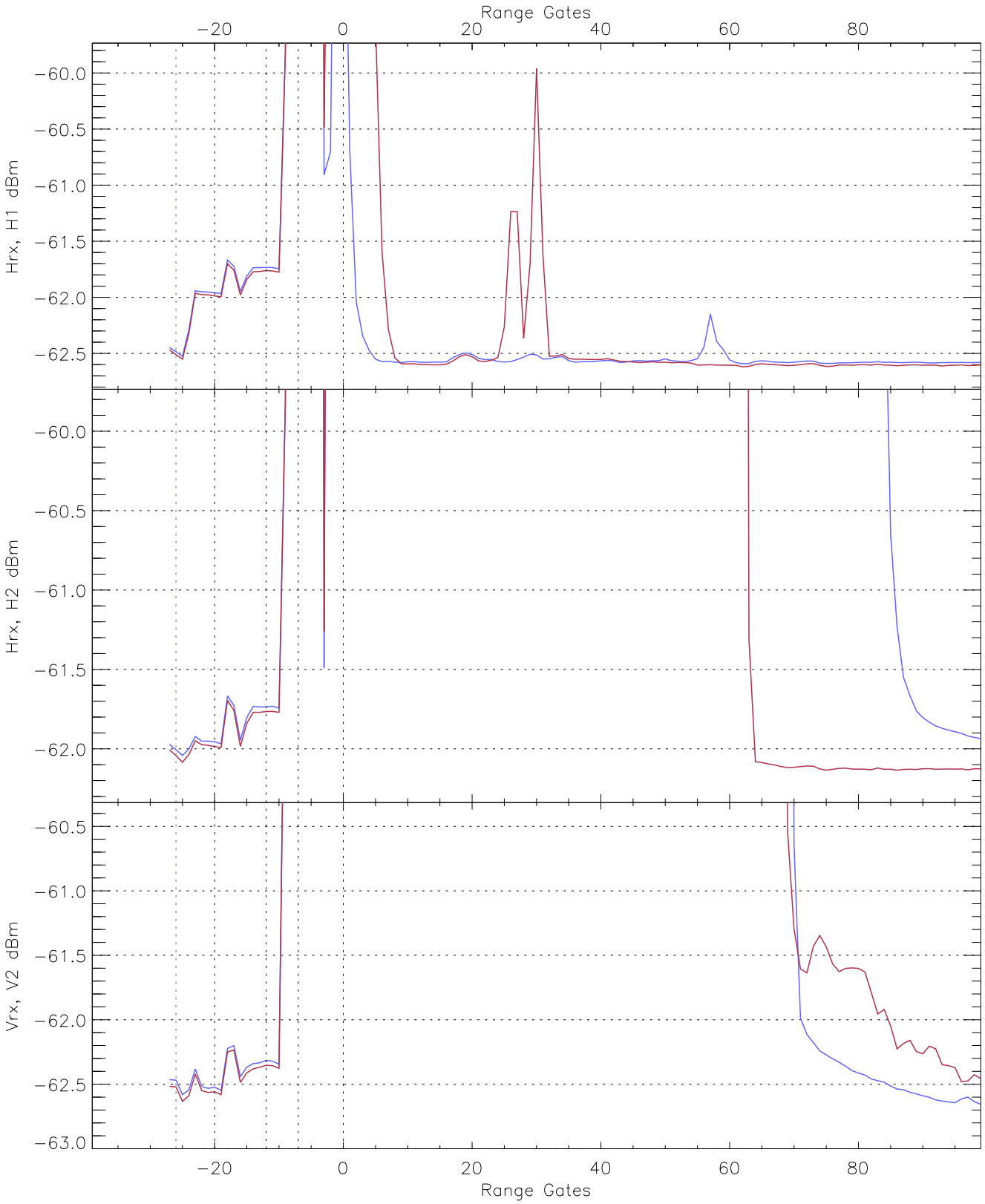


WCR2 CPP "Best" estimate Receivers Noise Power

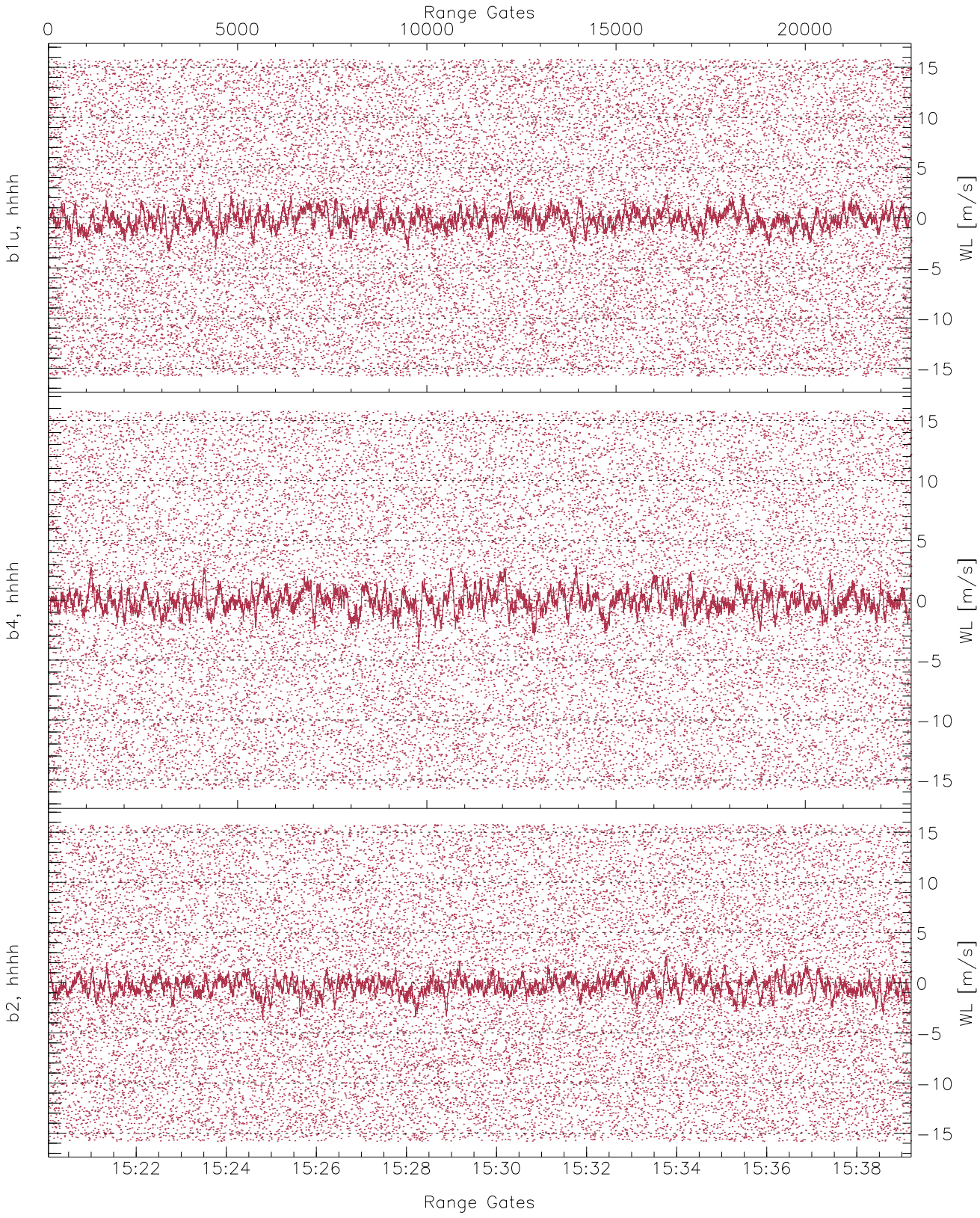
	Min	Max	Mean	Median	StDev
H1RG62_0 [dBm]	-63.62	-61.65	-62.61	-62.61	-75.15
H2RG162_0 [dBm]	-63.08	-61.24	-62.12	-62.12	-74.69
V2RG128_0 [dBm]	-63.90	-61.80	-62.76	-62.77	-75.21



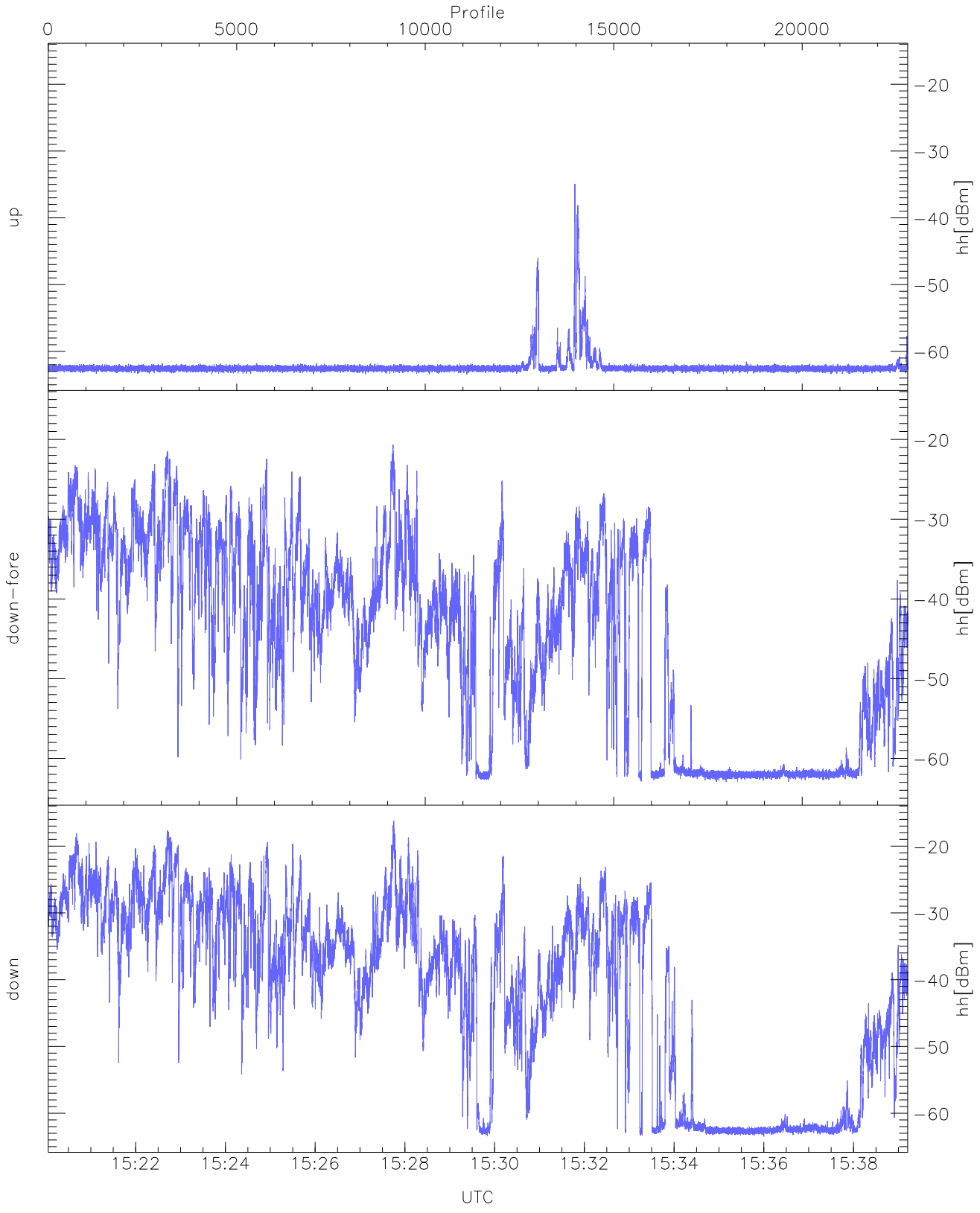
WCR2 CPP Averaged Received power for all recorded gates
blue: 152003-152938, 11401 profiles averaged
red: 152938-153912, 11400 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 152003-152938, 11401 profiles averaged
red: 152938-153912, 11400 profiles averaged

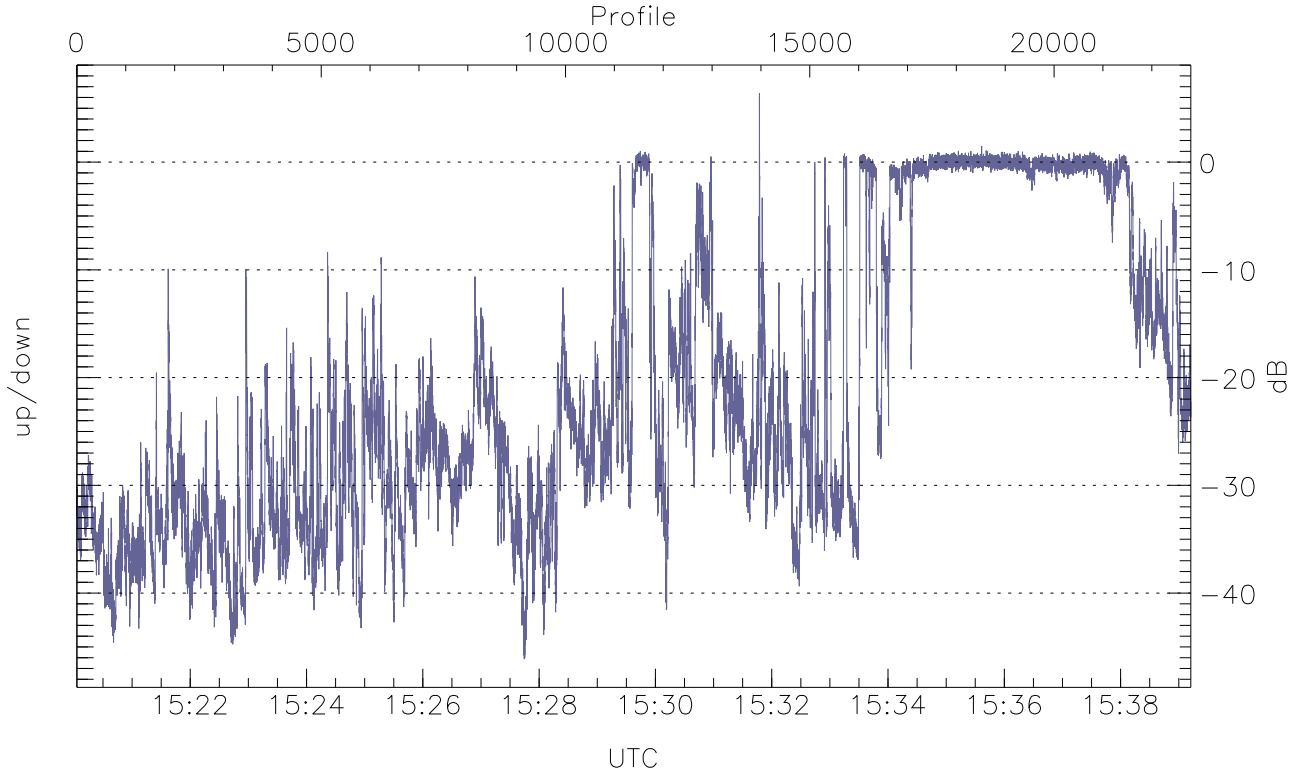


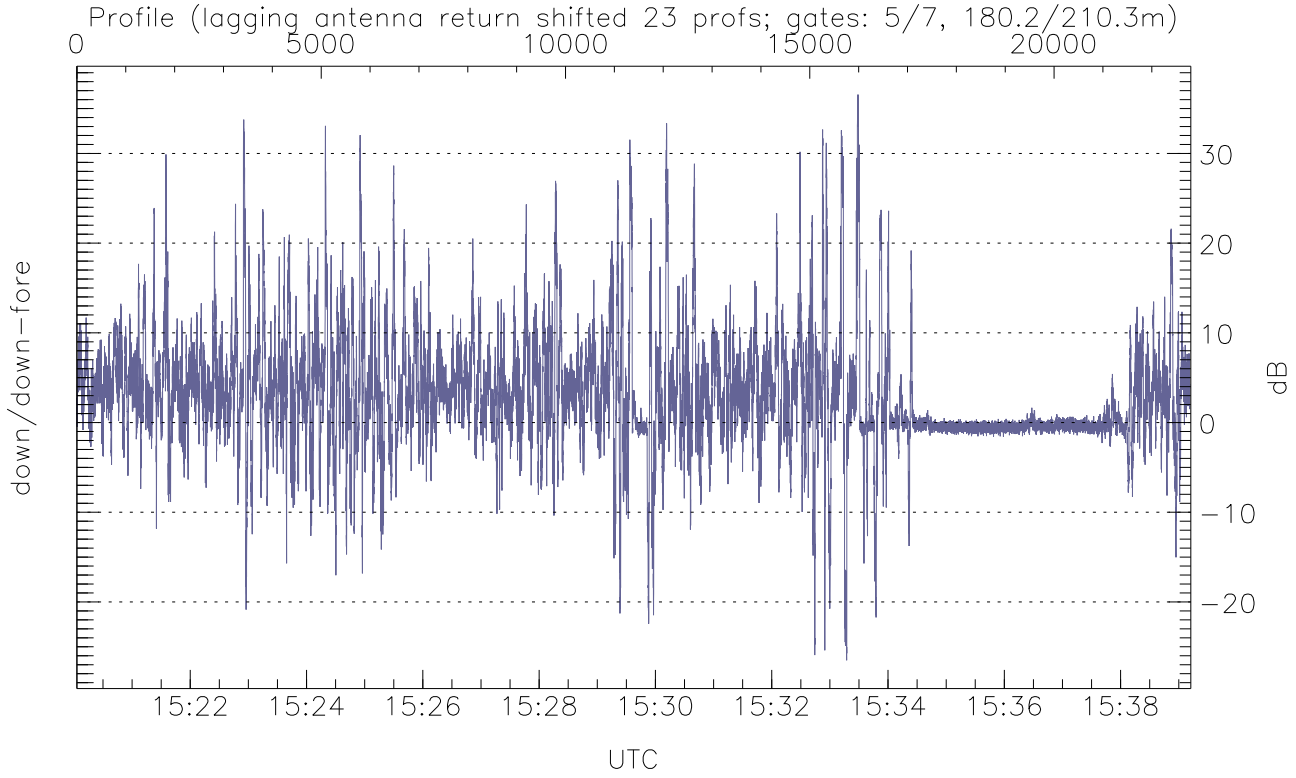
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

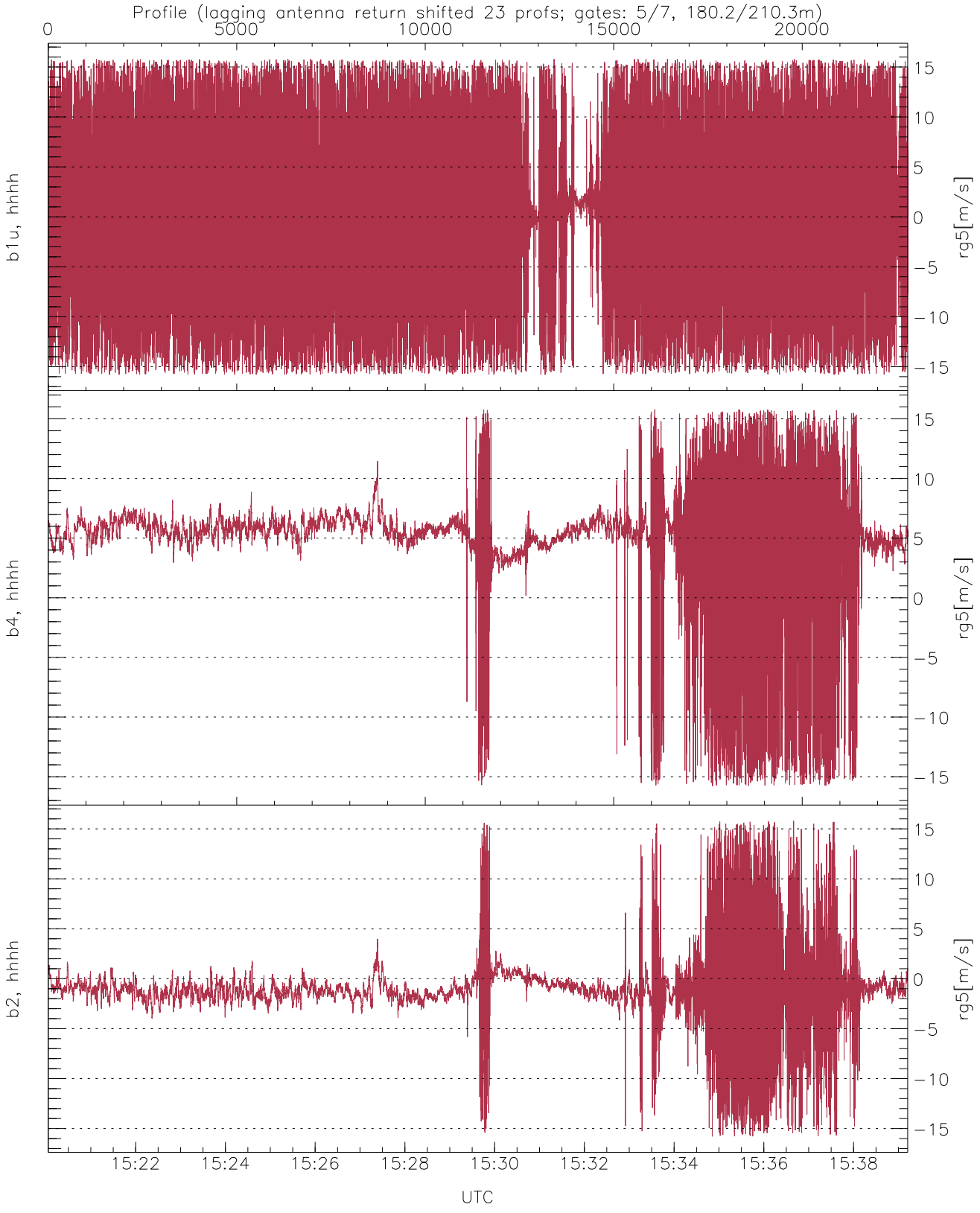
	Min	Max	Mean
up(hh[dBm])	-63.47	-34.92	-60.80
down-fore(hh[dBm])	-62.96	-20.66	-35.05
down(hh[dBm])	-63.49	-16.22	-30.80





WCR2 Beam pairs Received Power Ratio(s); RangeGate: 5 (180 m)

	Min	Max	Mean
up/down(dB)	-46.12	6.39	-20.51
down/down-fore(dB)	-26.50	36.57	3.17



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.79	-0.02	8.53
b4, hhhh(rg5[m/s])	-15.78	15.79	4.71	4.21
b2, hhhh(rg5[m/s])	-15.79	15.80	-1.05	2.94