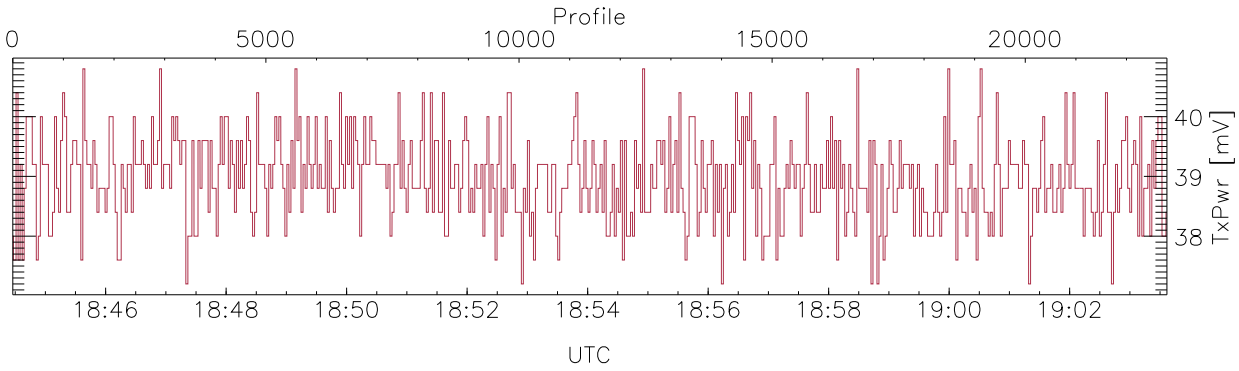
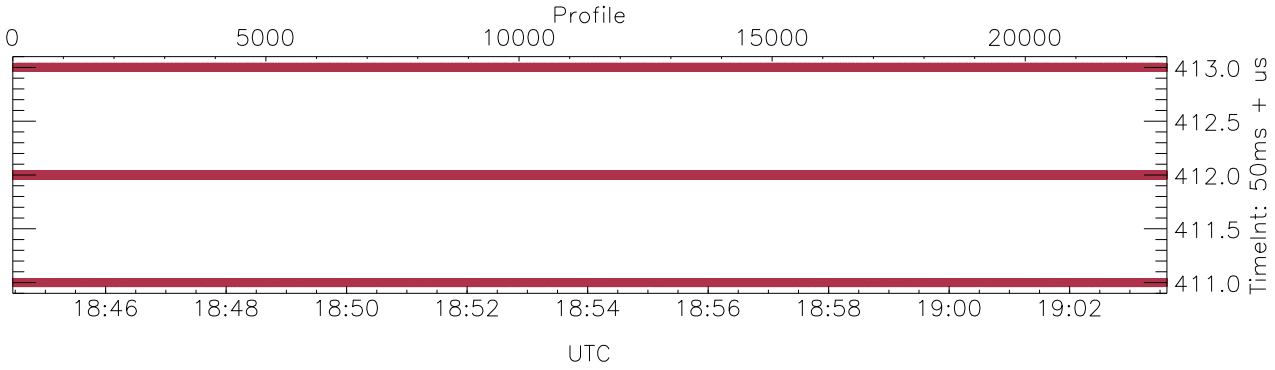
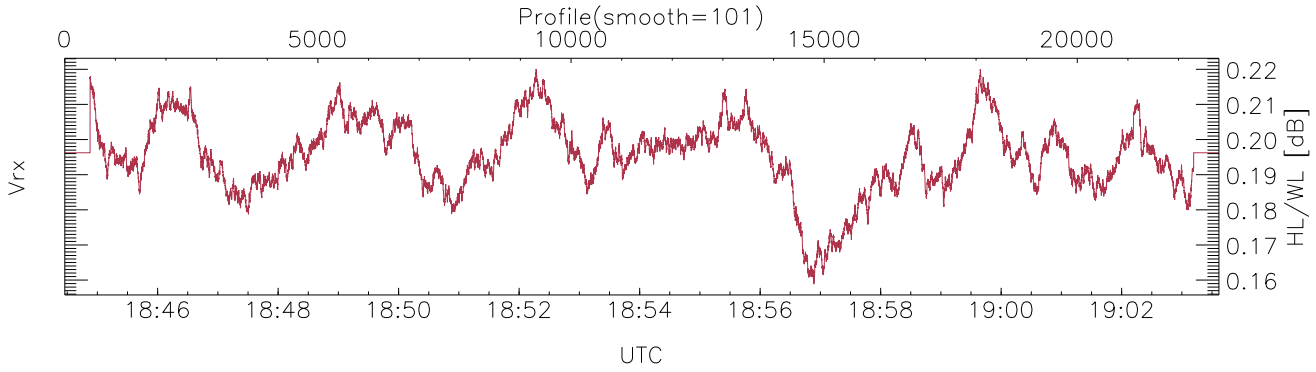
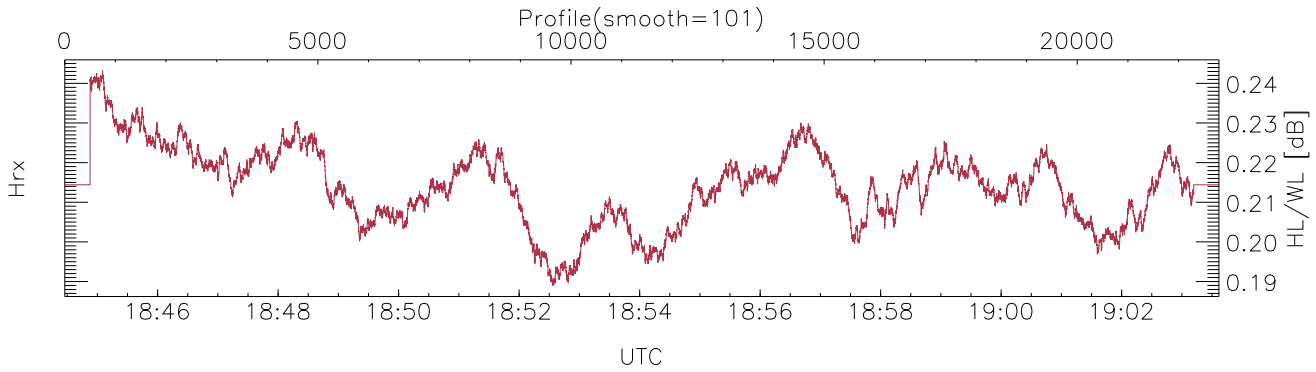


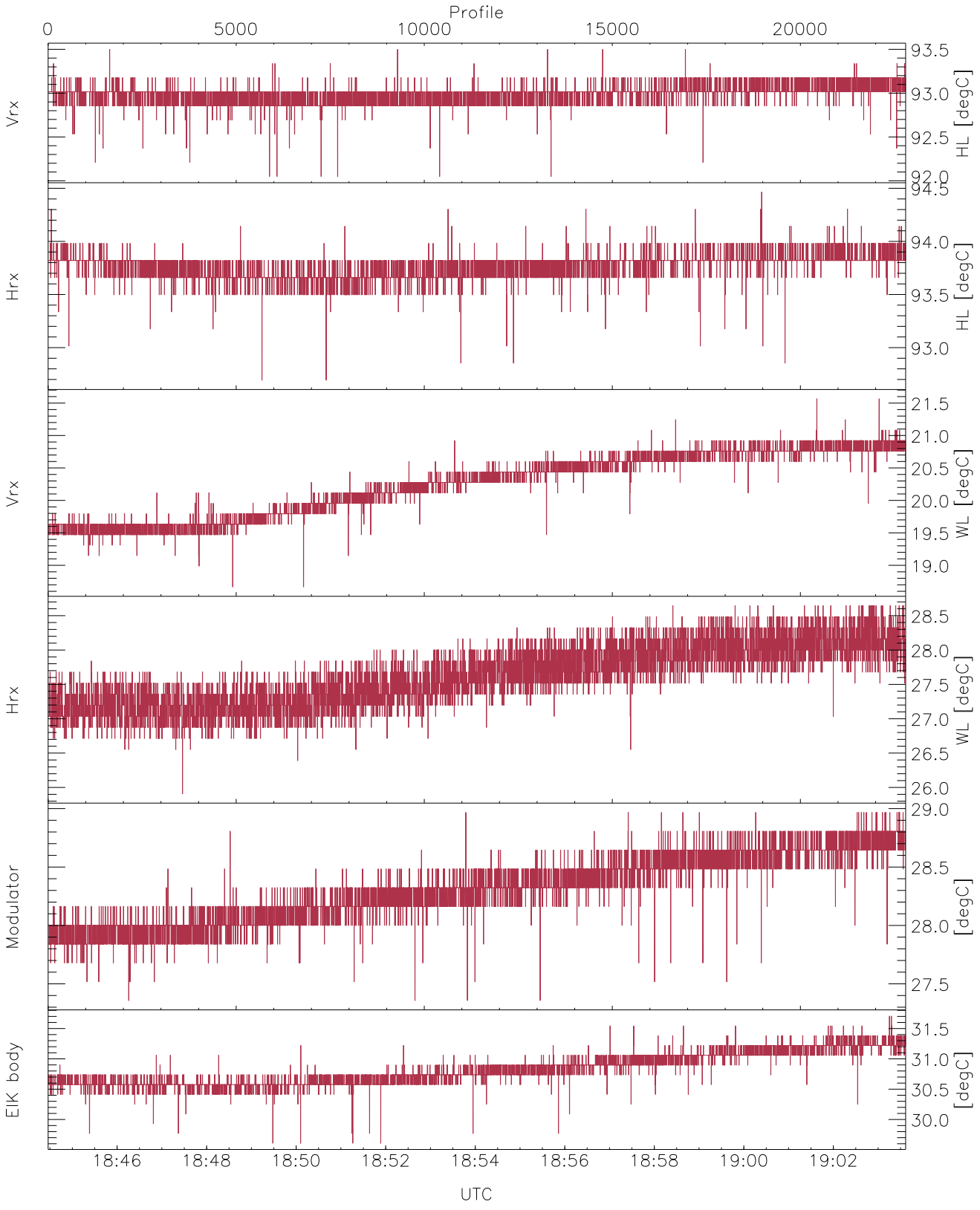






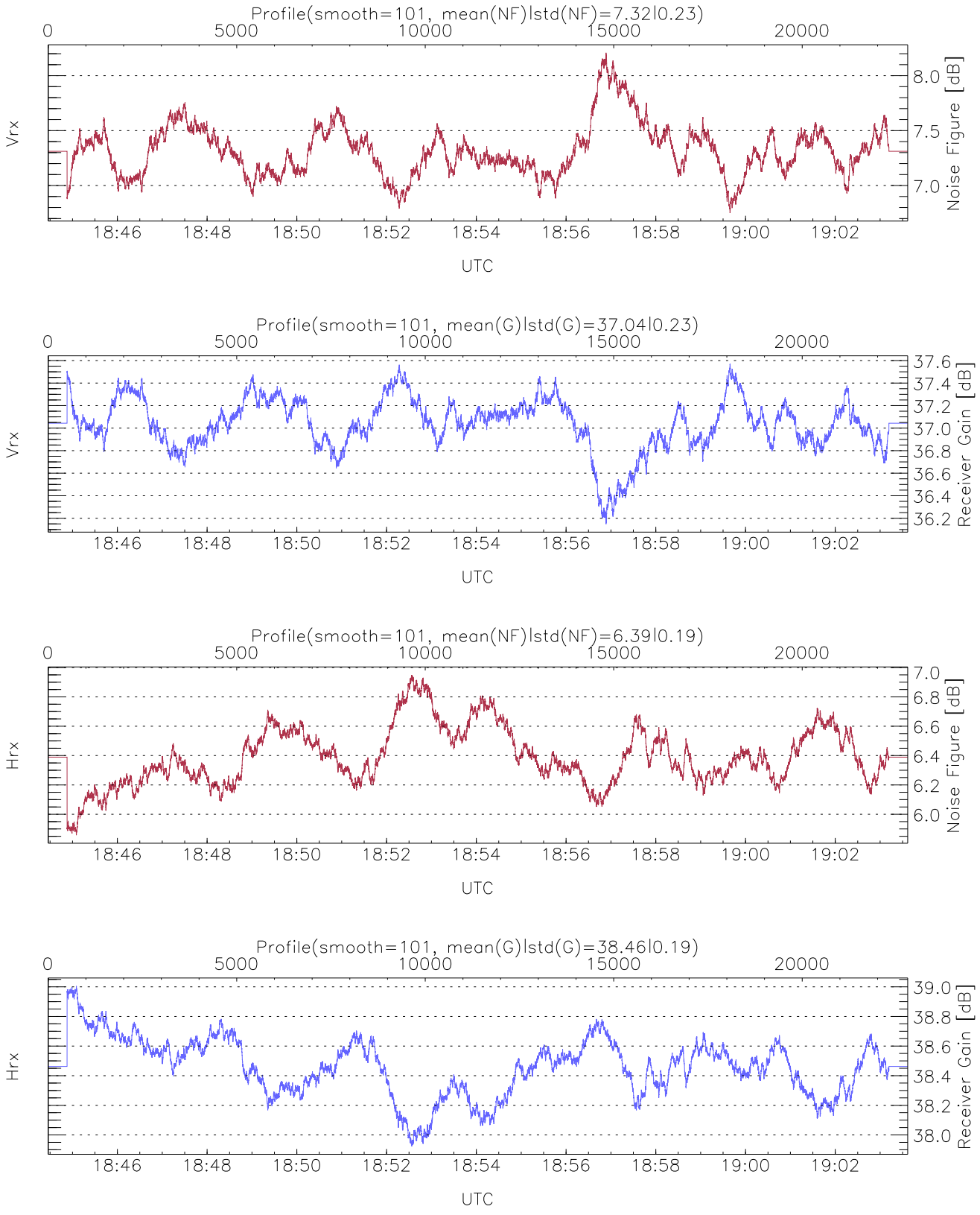
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 18:44:28-19:19:23, Dur: 2095.70s
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): 22800/41572, 0-22799/18:44:28-19:03:37
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



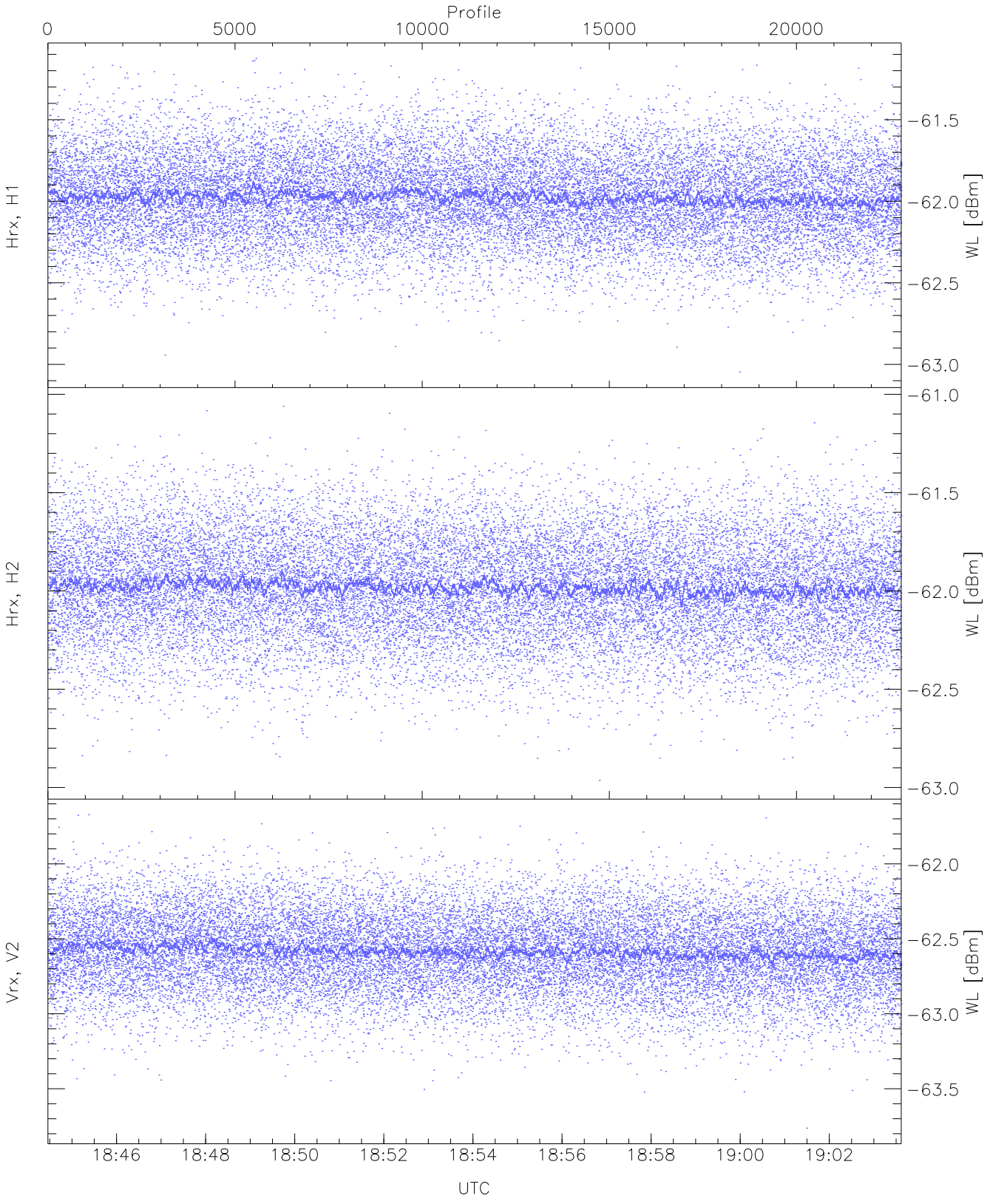
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,92,18,25,27,29
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,21,28,28,31
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (6,6,6,6,6,16)



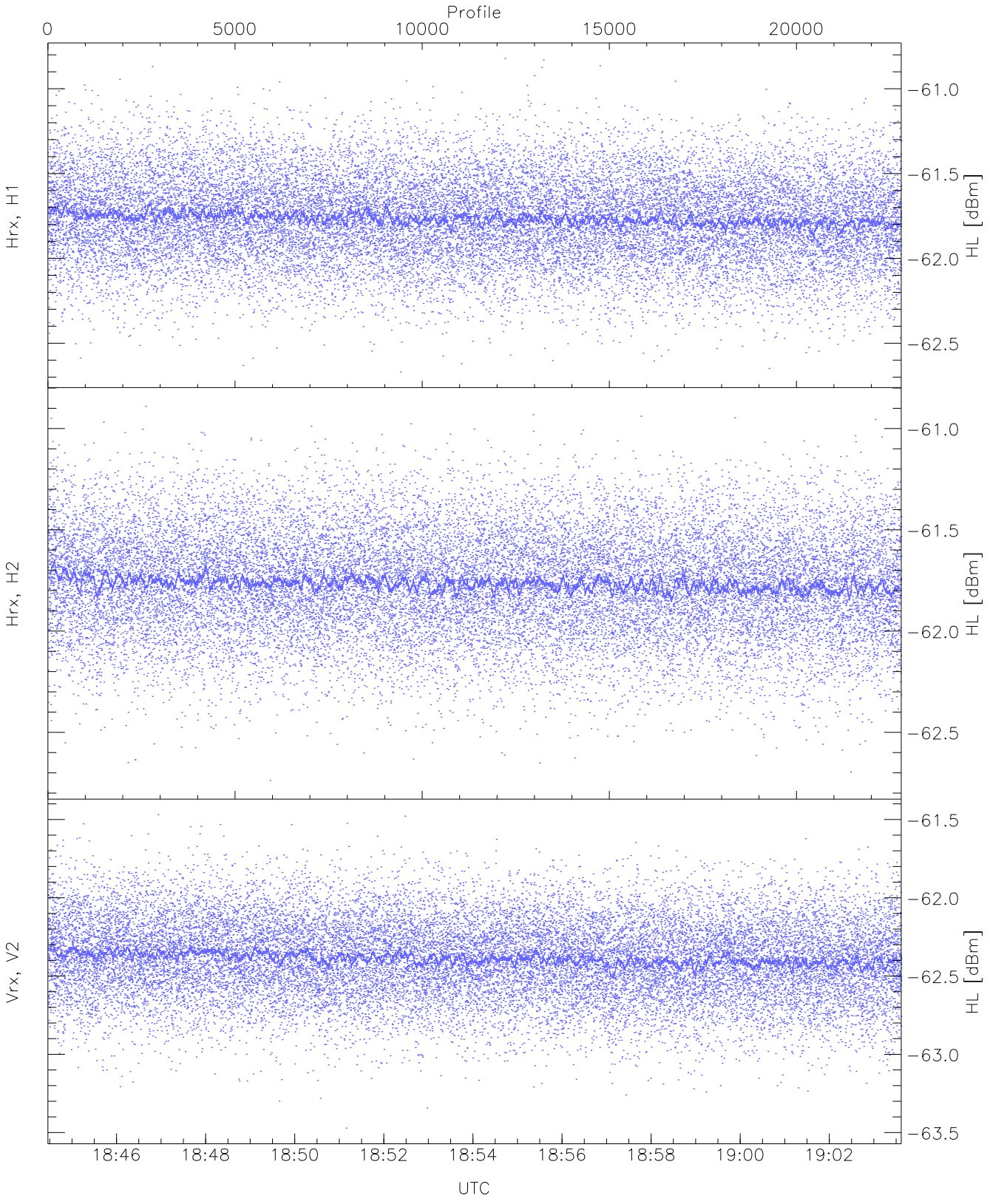
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 8705 pixs, 110 gates, 8125 profs, 2 prods



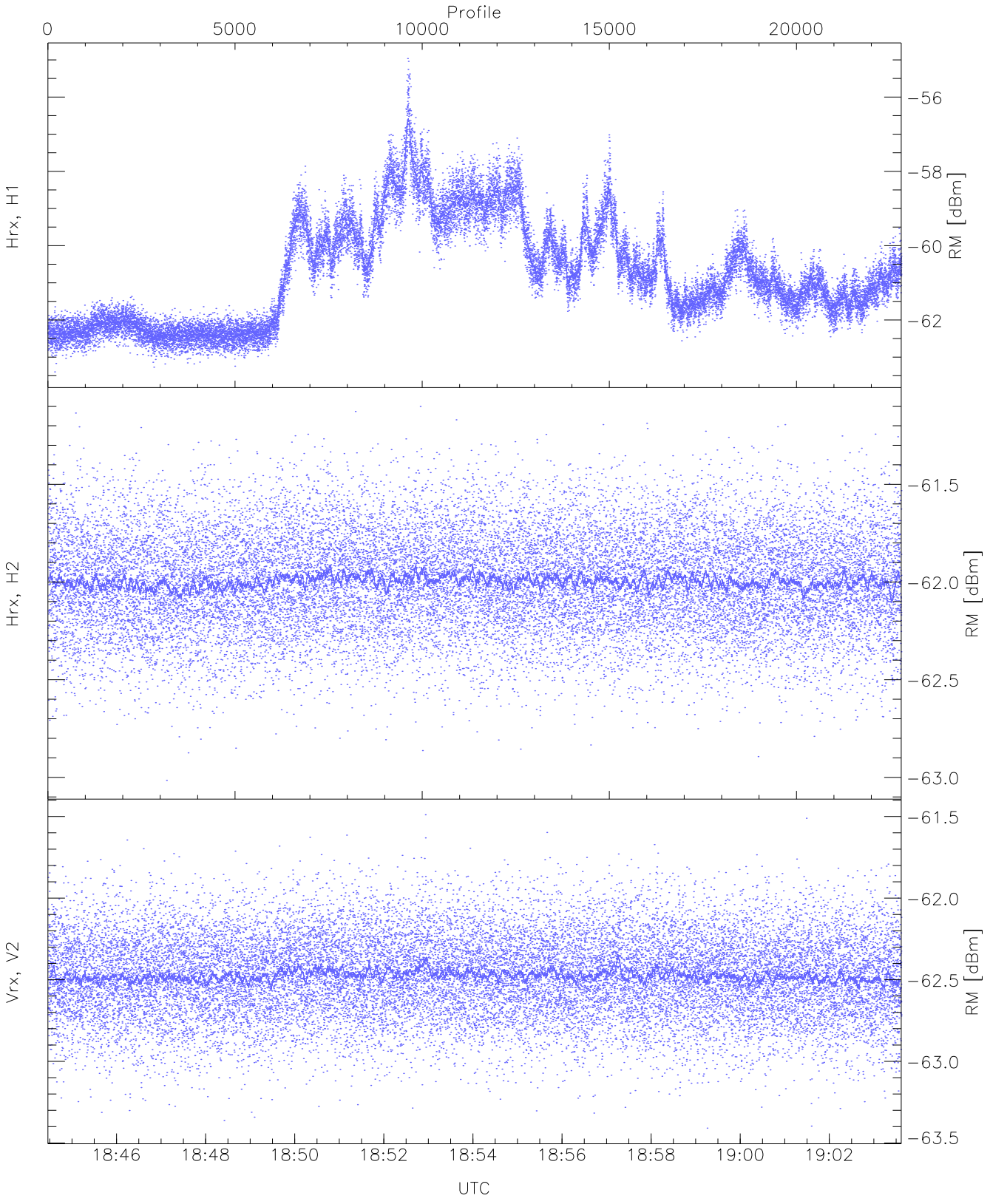
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.05	-61.13	-61.97	-61.98	-74.51
Hrx, H2(WL [dBm])	-62.96	-61.06	-61.98	-61.98	-74.53
Vrx, V2(WL [dBm])	-63.76	-61.67	-62.58	-62.59	-75.13



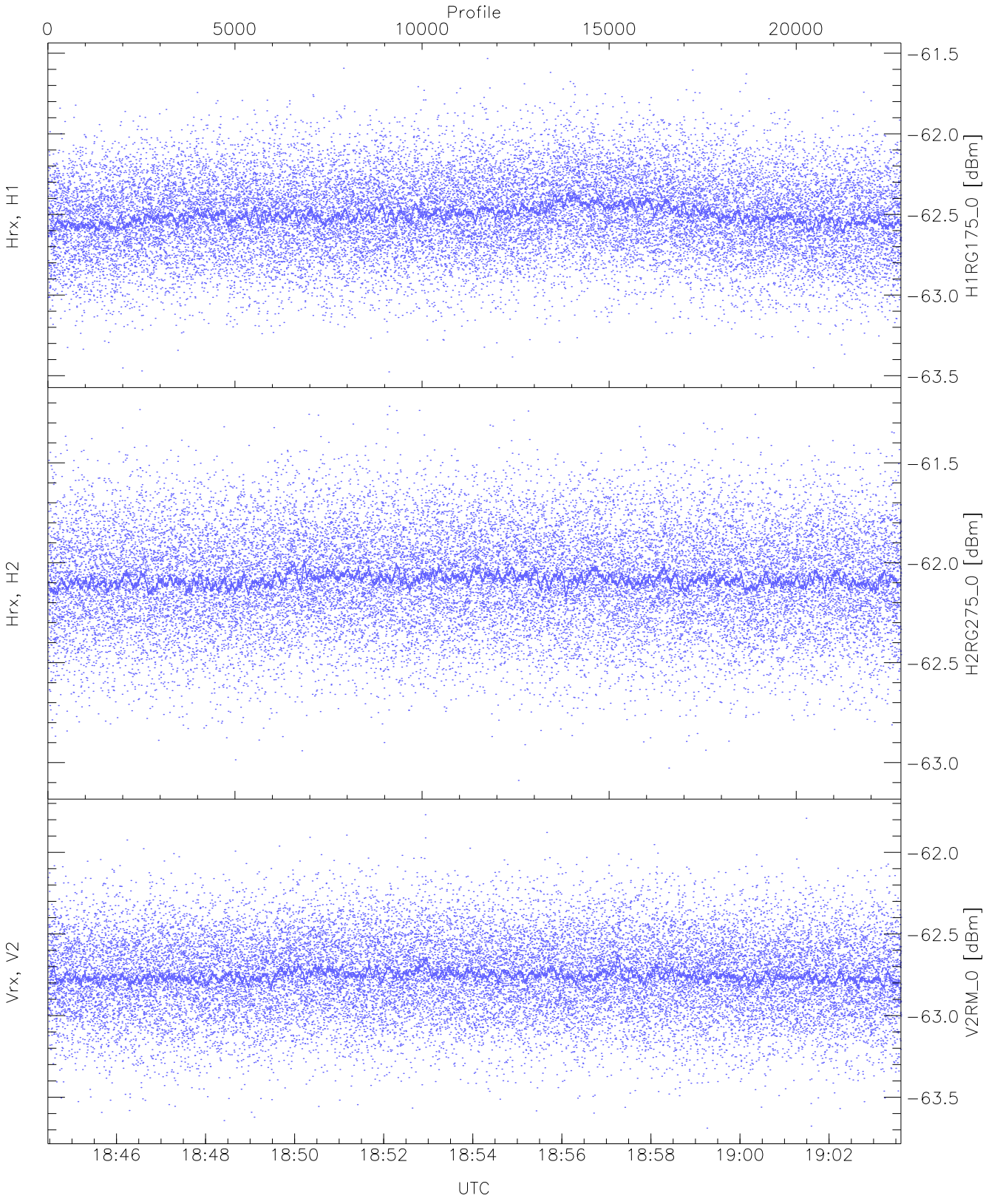
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.67	-60.82	-61.76	-61.77	-74.33
Hrx, H2(HL [dBm])	-62.74	-60.89	-61.76	-61.76	-74.28
Vrx, V2(HL [dBm])	-63.47	-61.47	-62.38	-62.39	-74.92



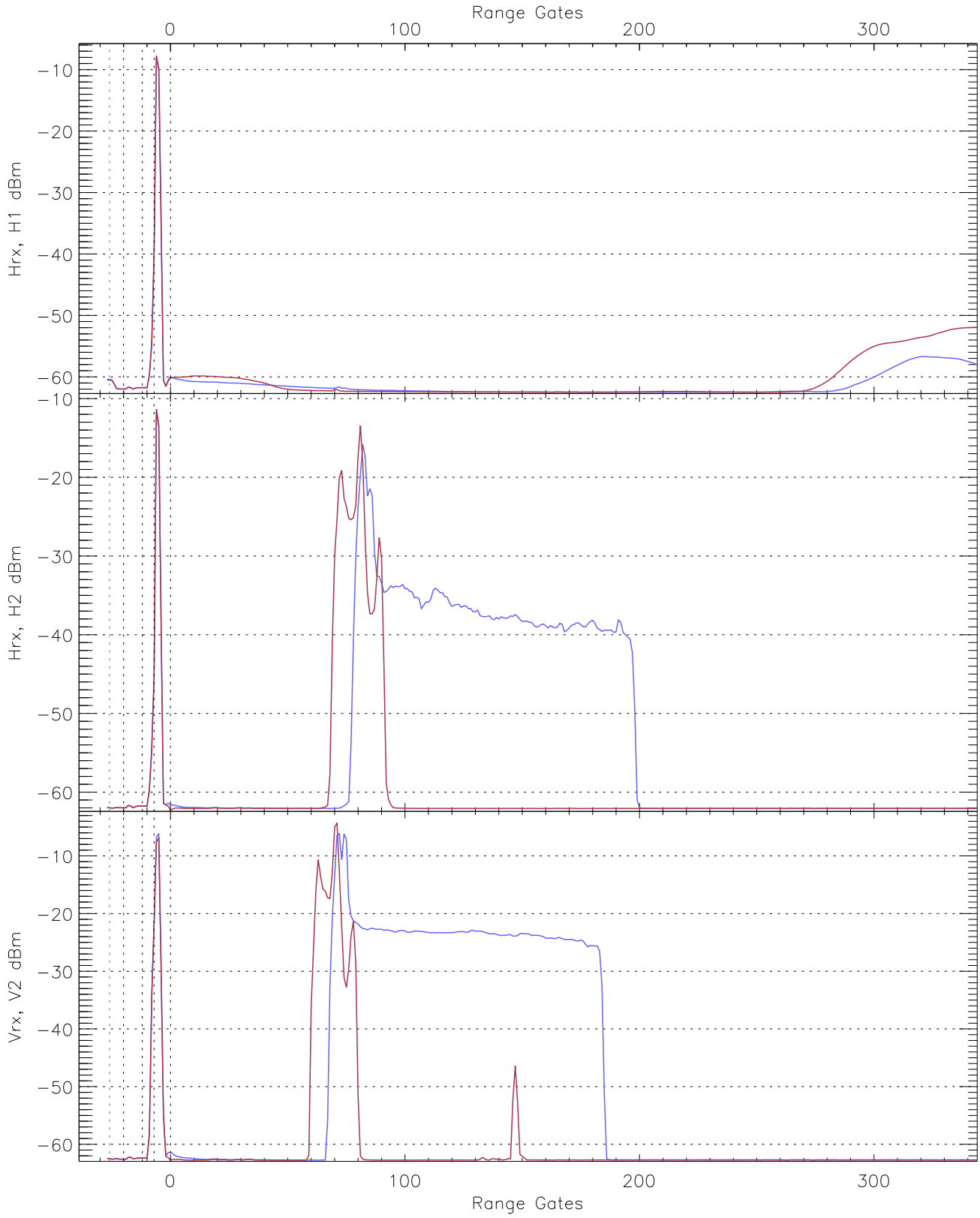
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.40	-54.96	-60.49	-60.92	-65.05
Hrx, H2(RM [dBm])	-63.02	-61.10	-61.99	-62.00	-74.55
Vrx, V2(RM [dBm])	-63.41	-61.49	-62.47	-62.48	-75.03

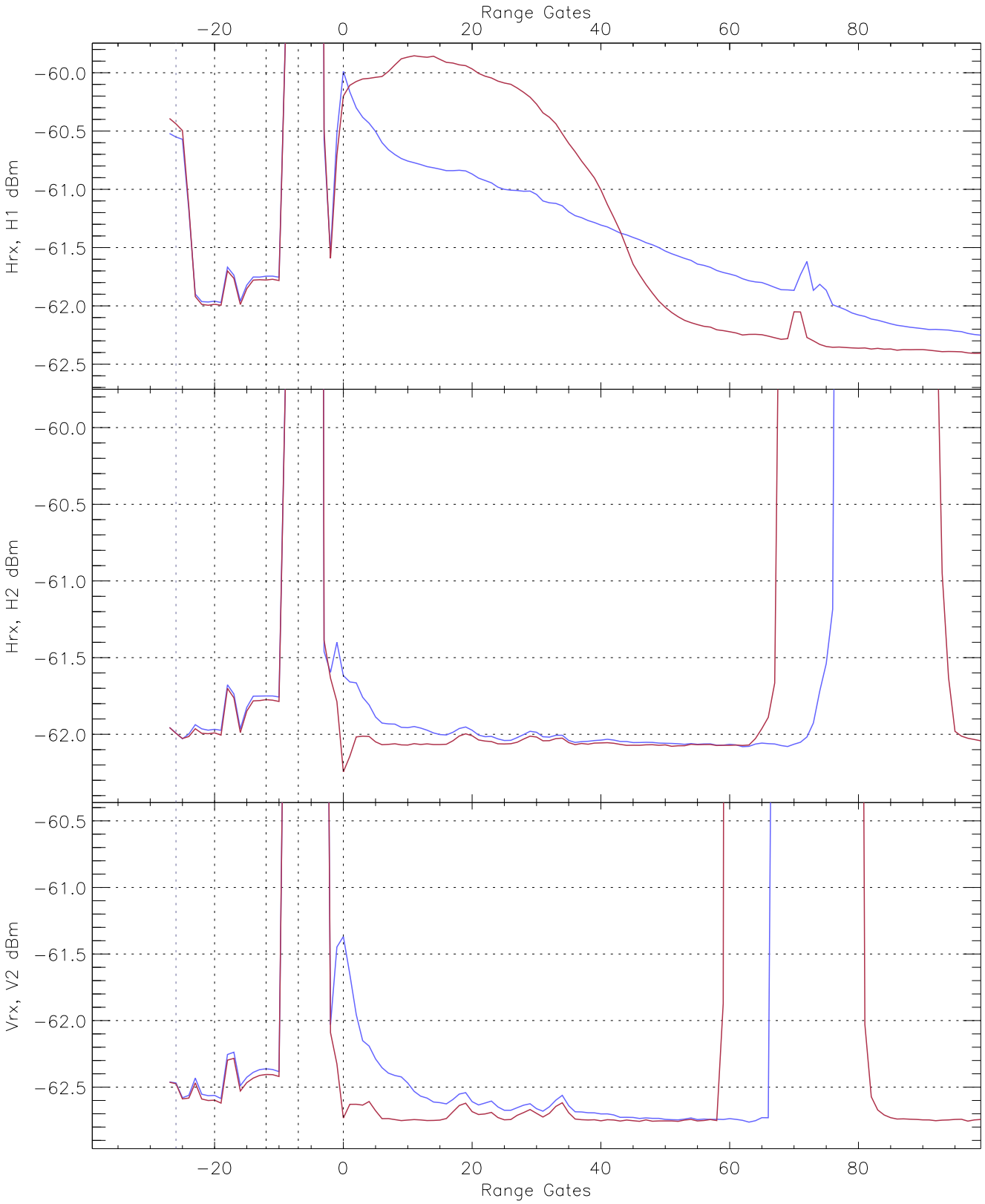


WCR2 CPP "Best" estimate Receivers Noise Power

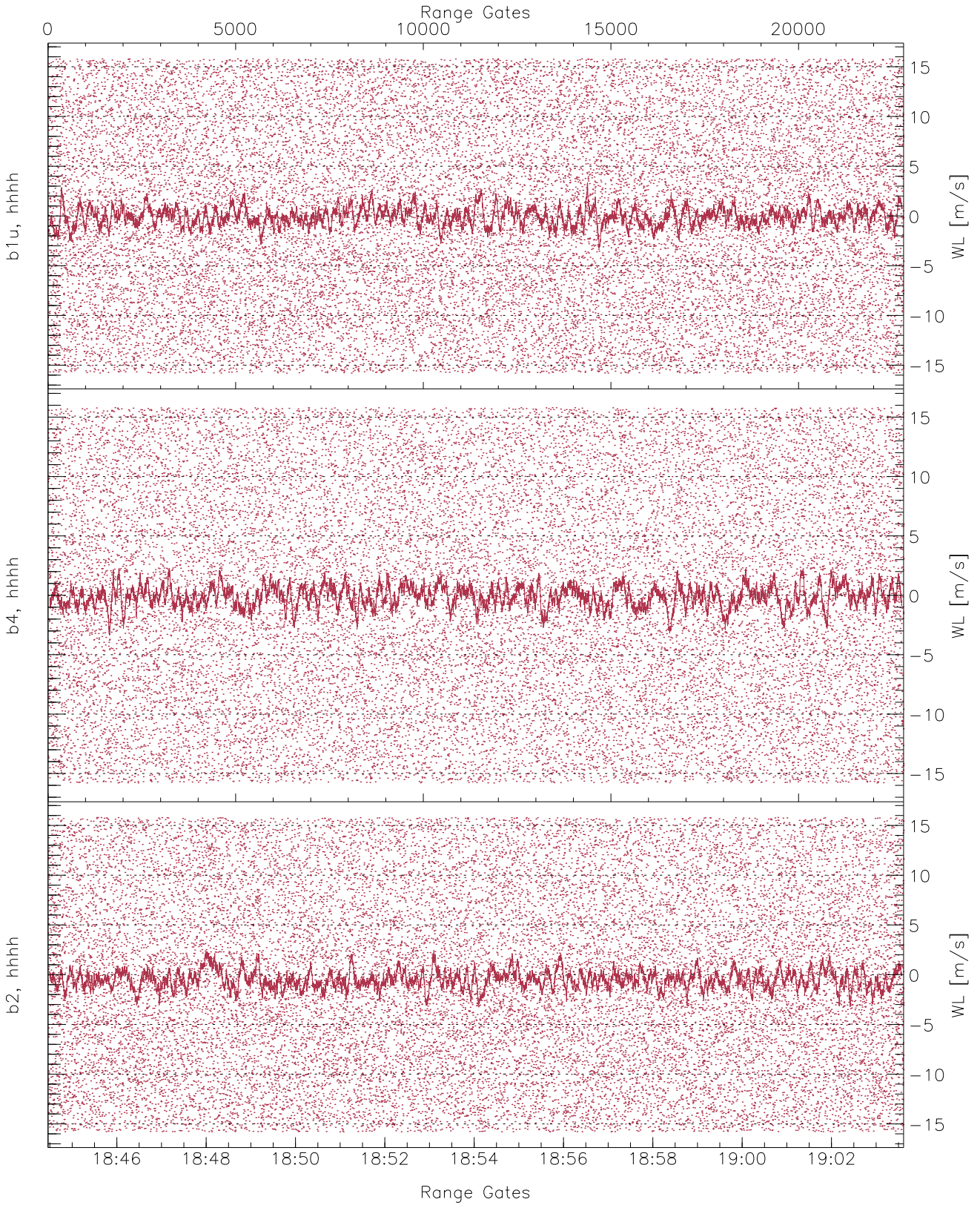
	Min	Max	Mean	Median	StDev
H1RG175_0 [dBm]	-63.48	-61.53	-62.50	-62.50	-75.01
H2RG275_0 [dBm]	-63.09	-61.22	-62.08	-62.09	-74.64
V2RM_0 [dBm]	-63.69	-61.77	-62.75	-62.76	-75.31



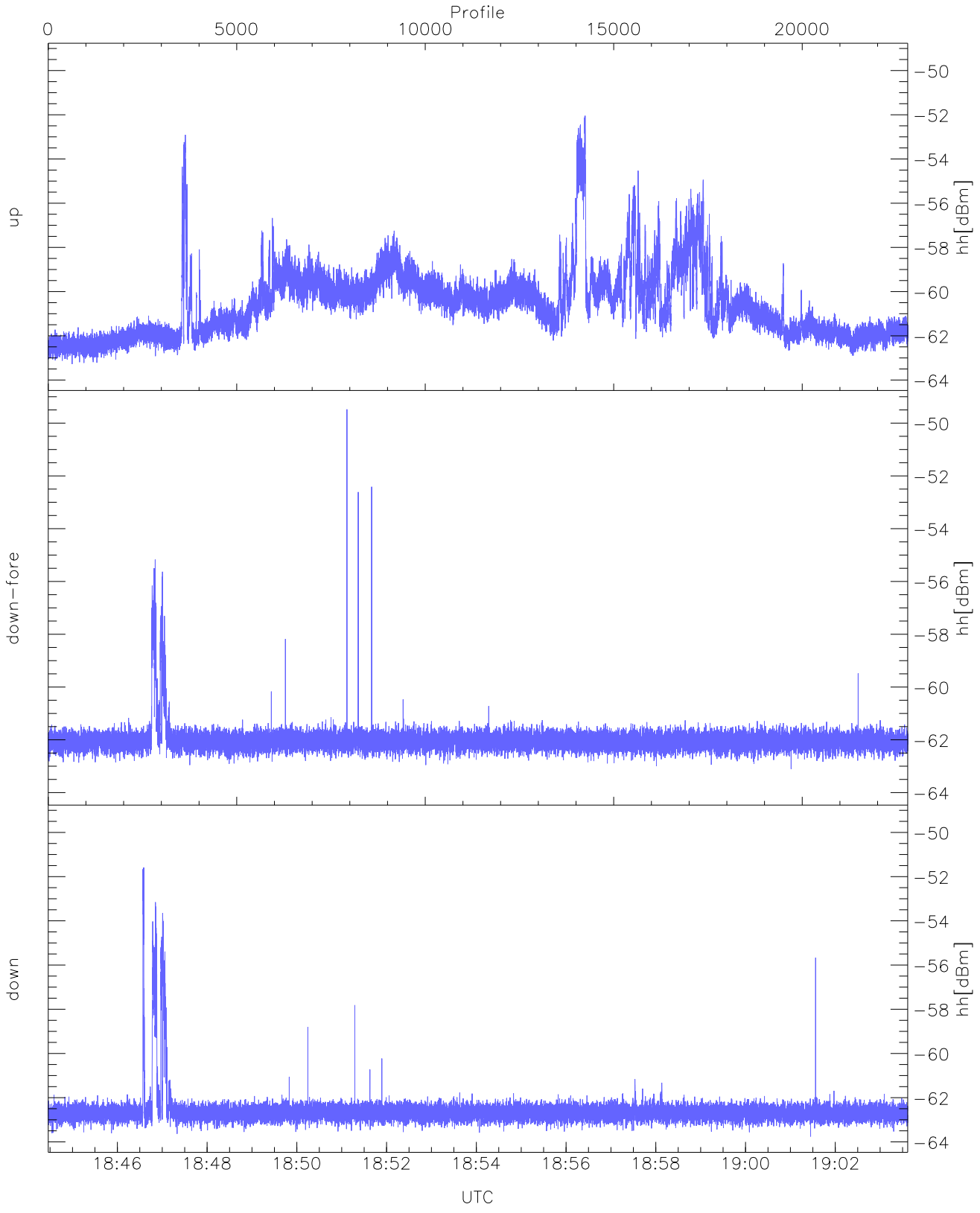
WCR2 CPP Averaged Received power for all recorded gates
blue: 184428-185402, 11401 profiles averaged
red: 185402-190337, 11400 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 184428-185402, 11401 profiles averaged
red: 185402-190337, 11400 profiles averaged

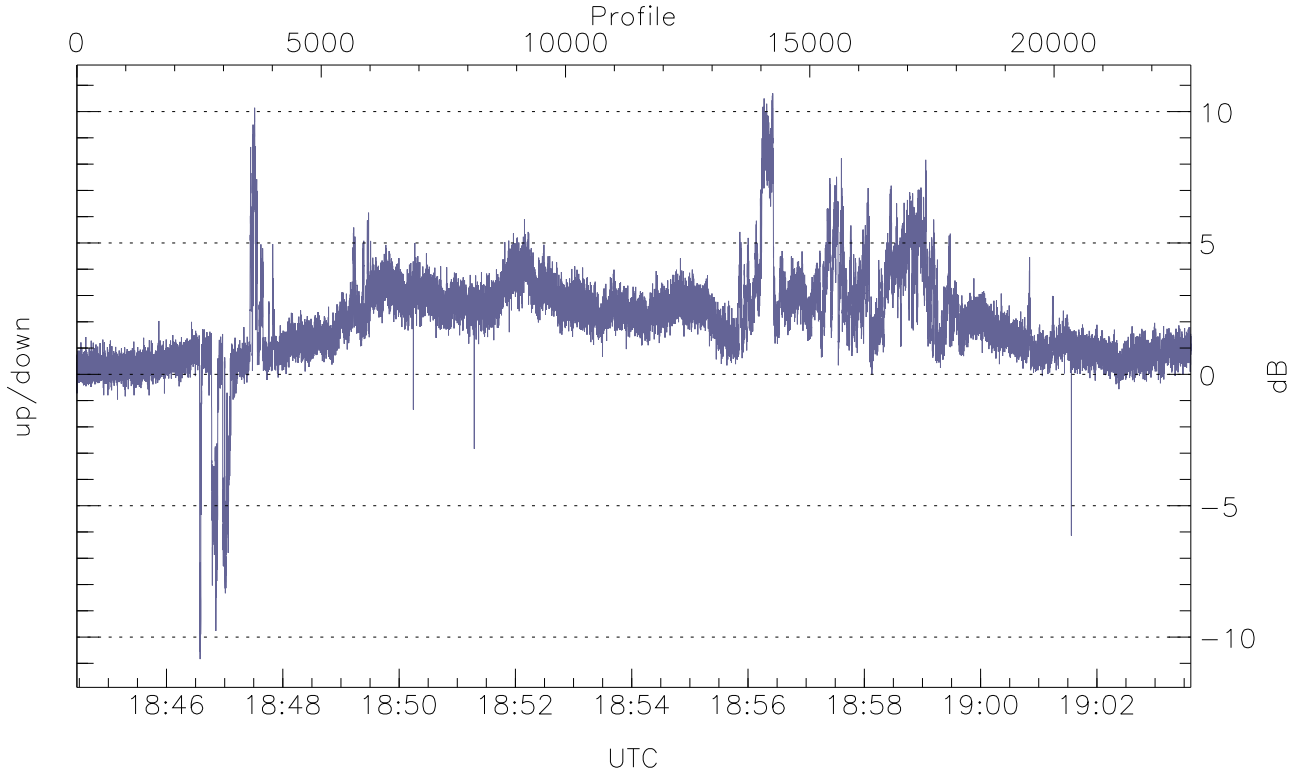


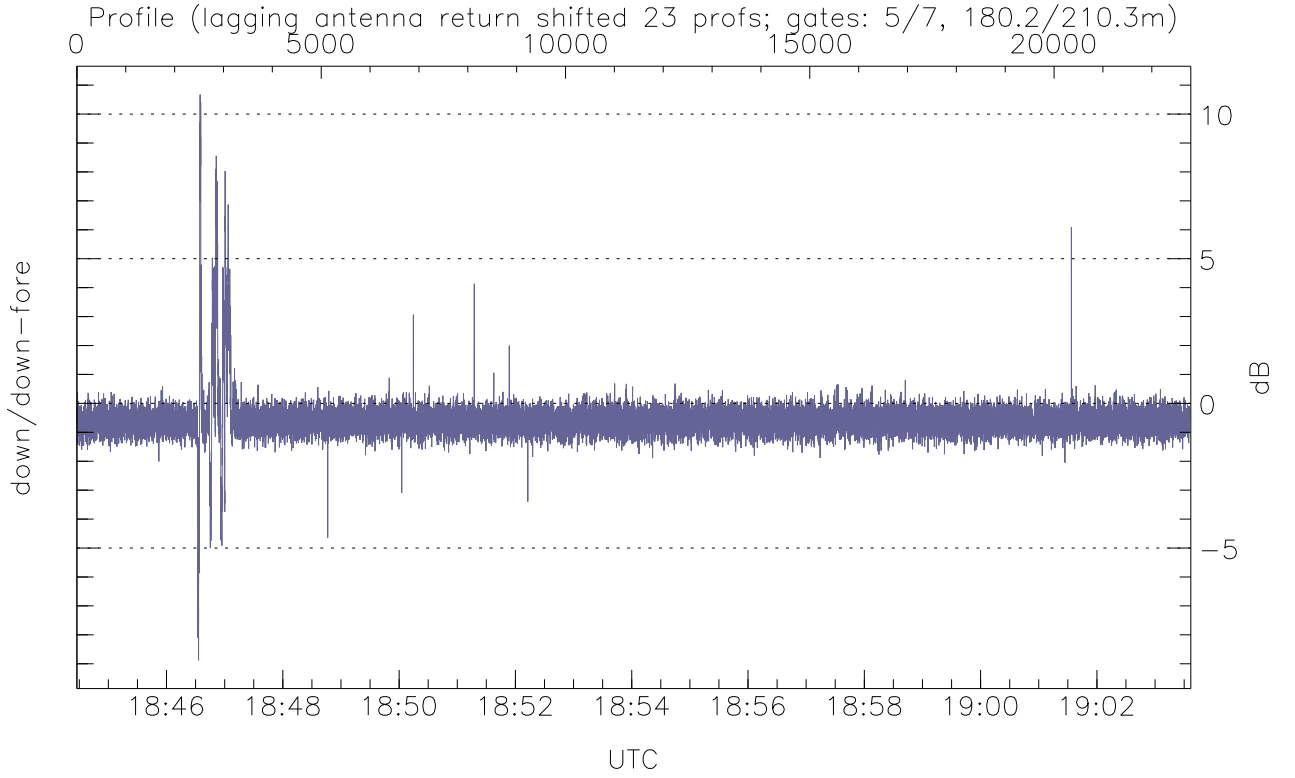
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

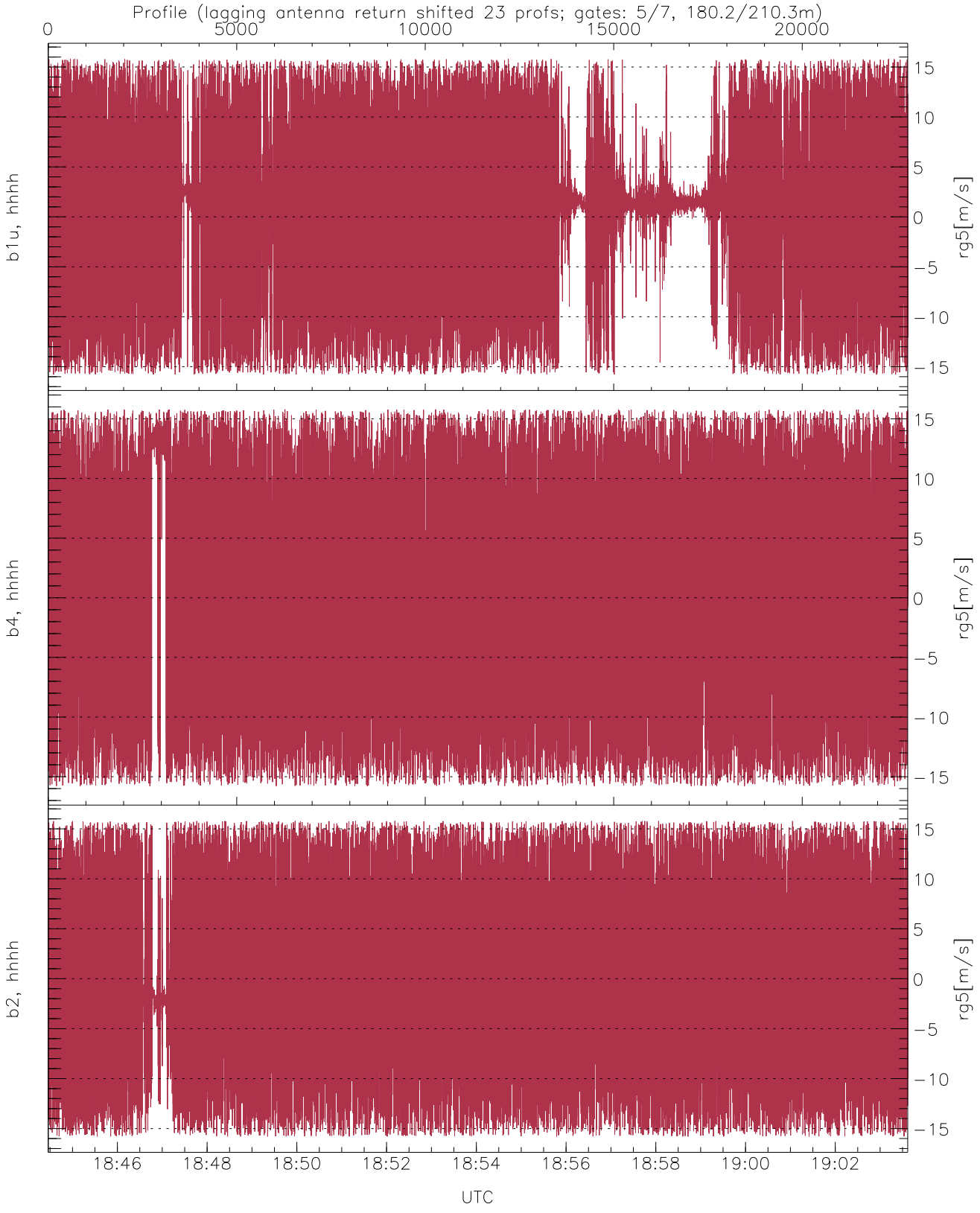
	Min	Max	Mean
up(hh[dBm])	-63.28	-52.04	-60.27
down-fore(hh[dBm])	-63.10	-49.48	-61.97
down(hh[dBm])	-63.76	-51.58	-62.48





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

	Min	Max	Mean
up/down(dB)	-10.84	10.70	2.03
down/down-fore(dB)	-8.88	10.68	-0.57



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.79	0.41	7.89
b4, hhhh(rg5[m/s])	-15.80	15.80	0.04	9.12
b2, hhhh(rg5[m/s])	-15.80	15.79	-0.46	8.89