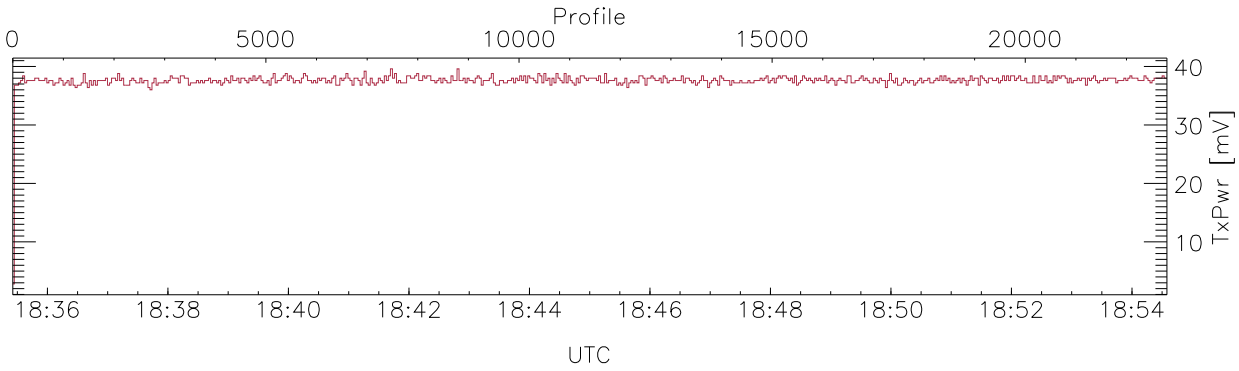
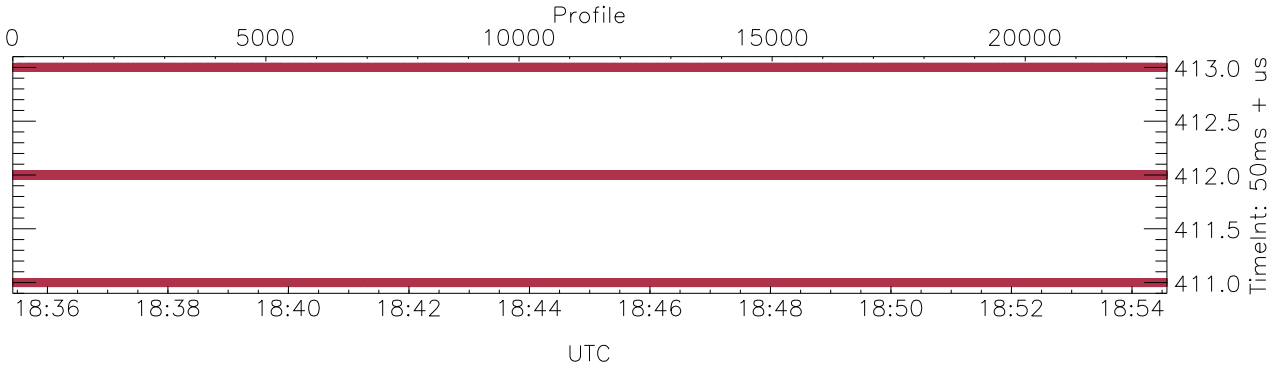
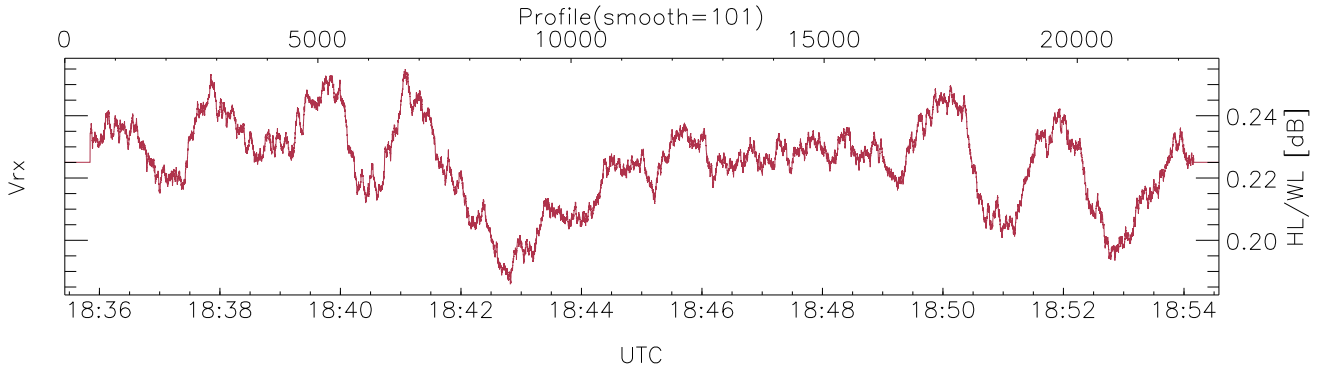
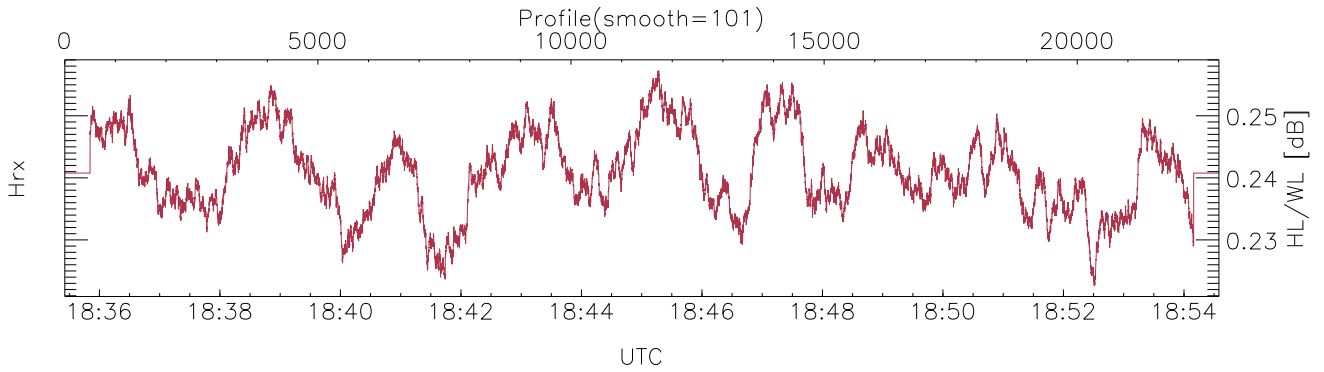


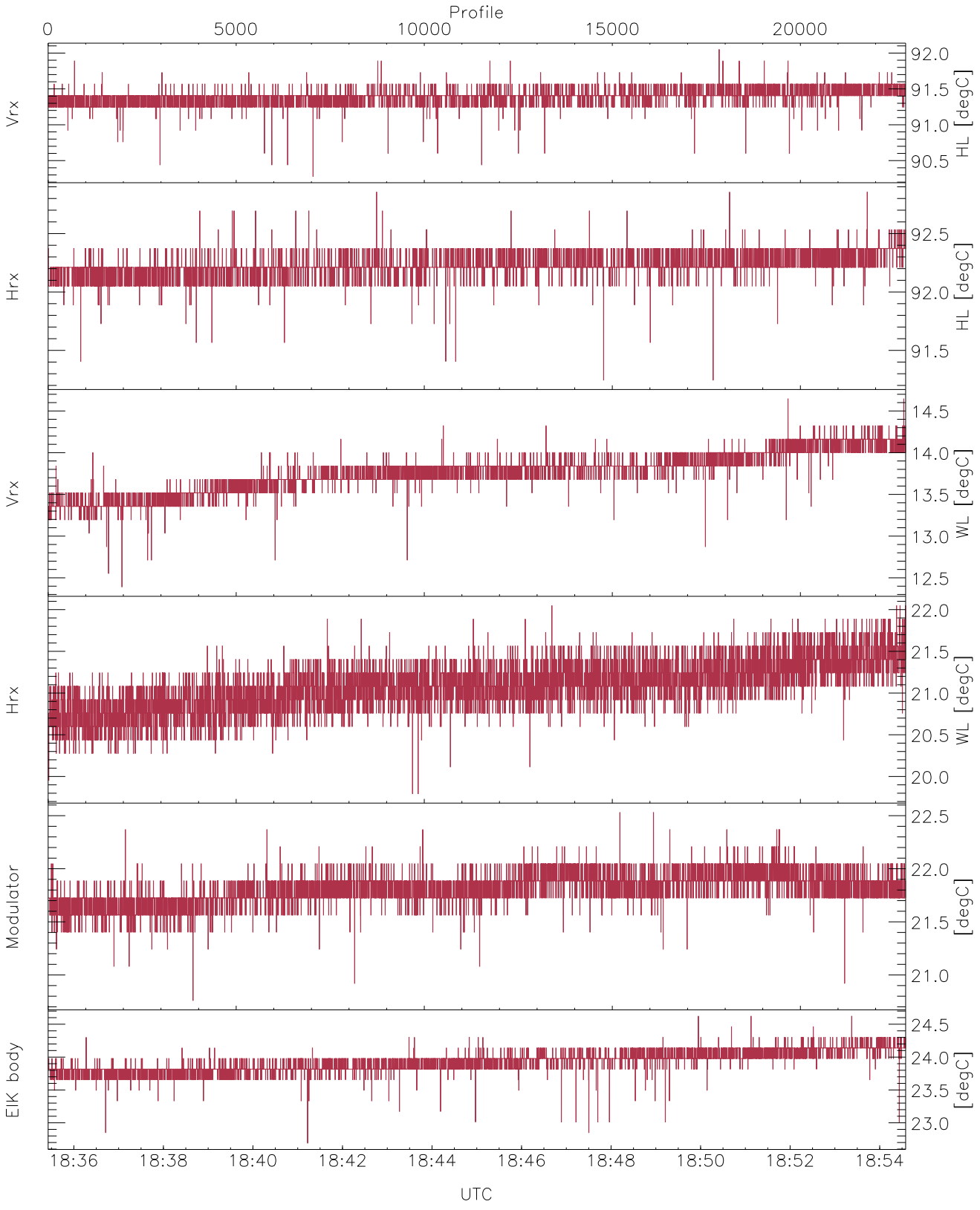






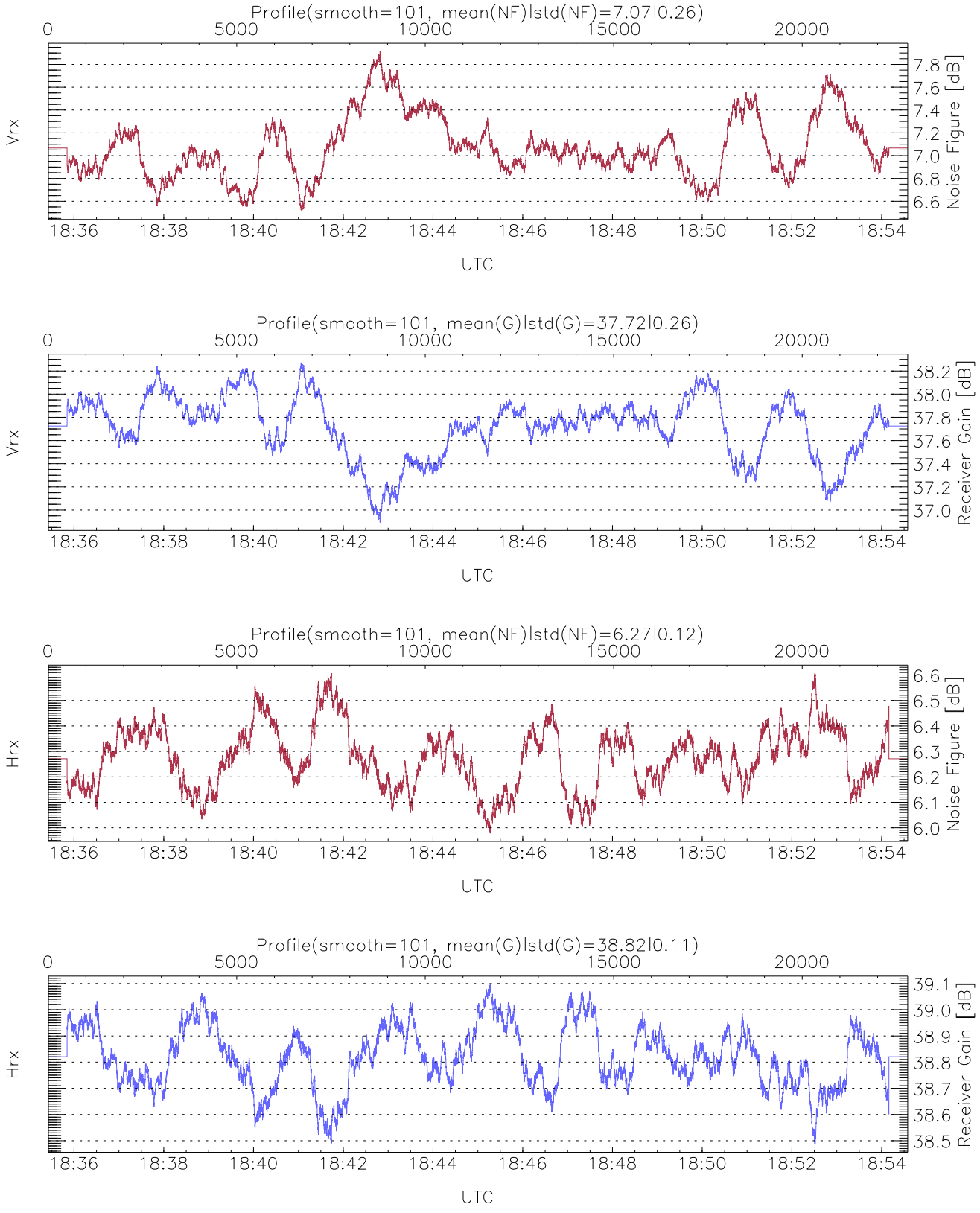
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 18:35:25-19:05:34, Dur: 1808.86s
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): 22800/35882, 0-22799/18:35:25-18:54:35
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|sideluperror): 1



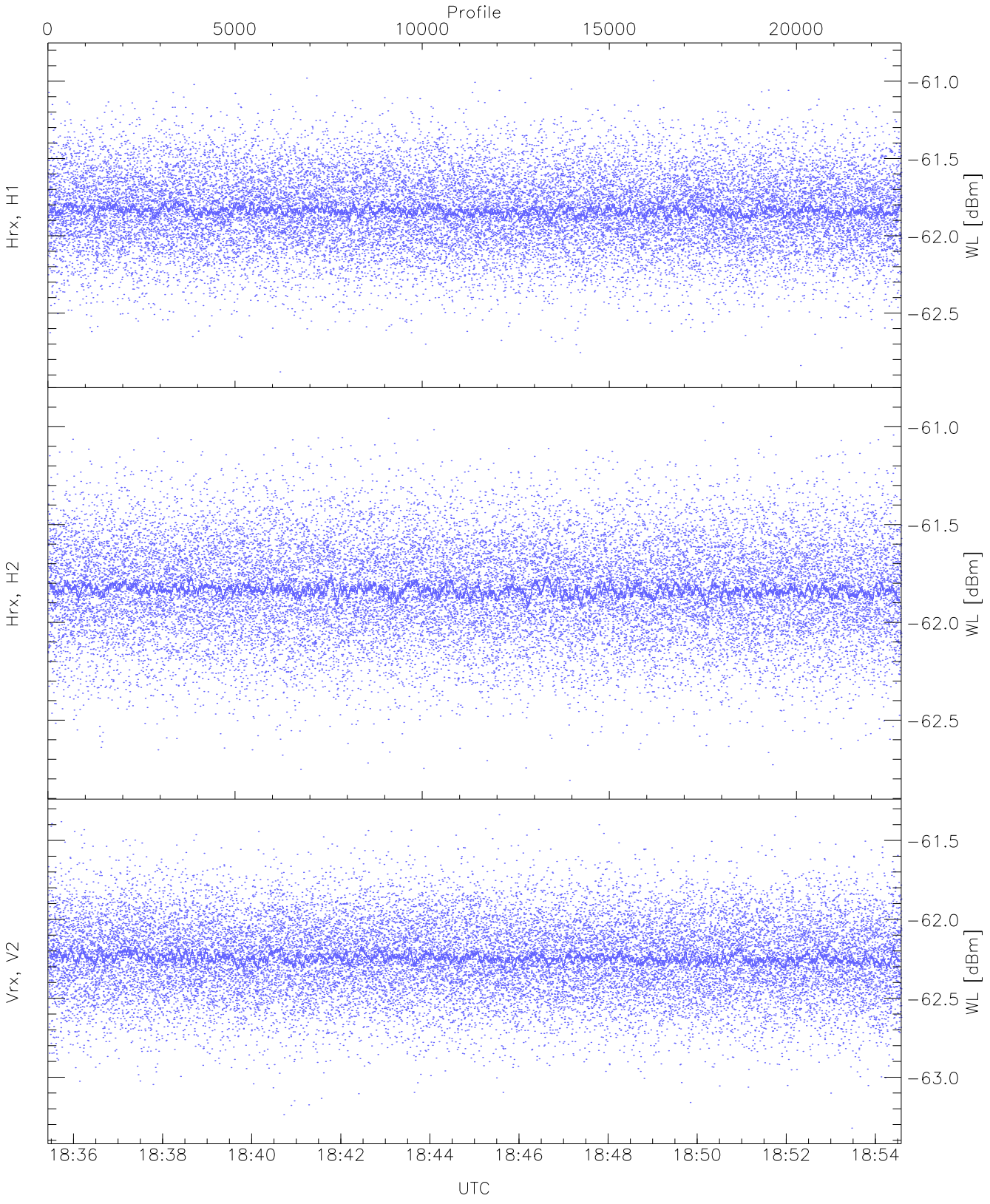
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,12,19,20,22
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,92,14,22,22,24
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (5,5,5,5,5,15)



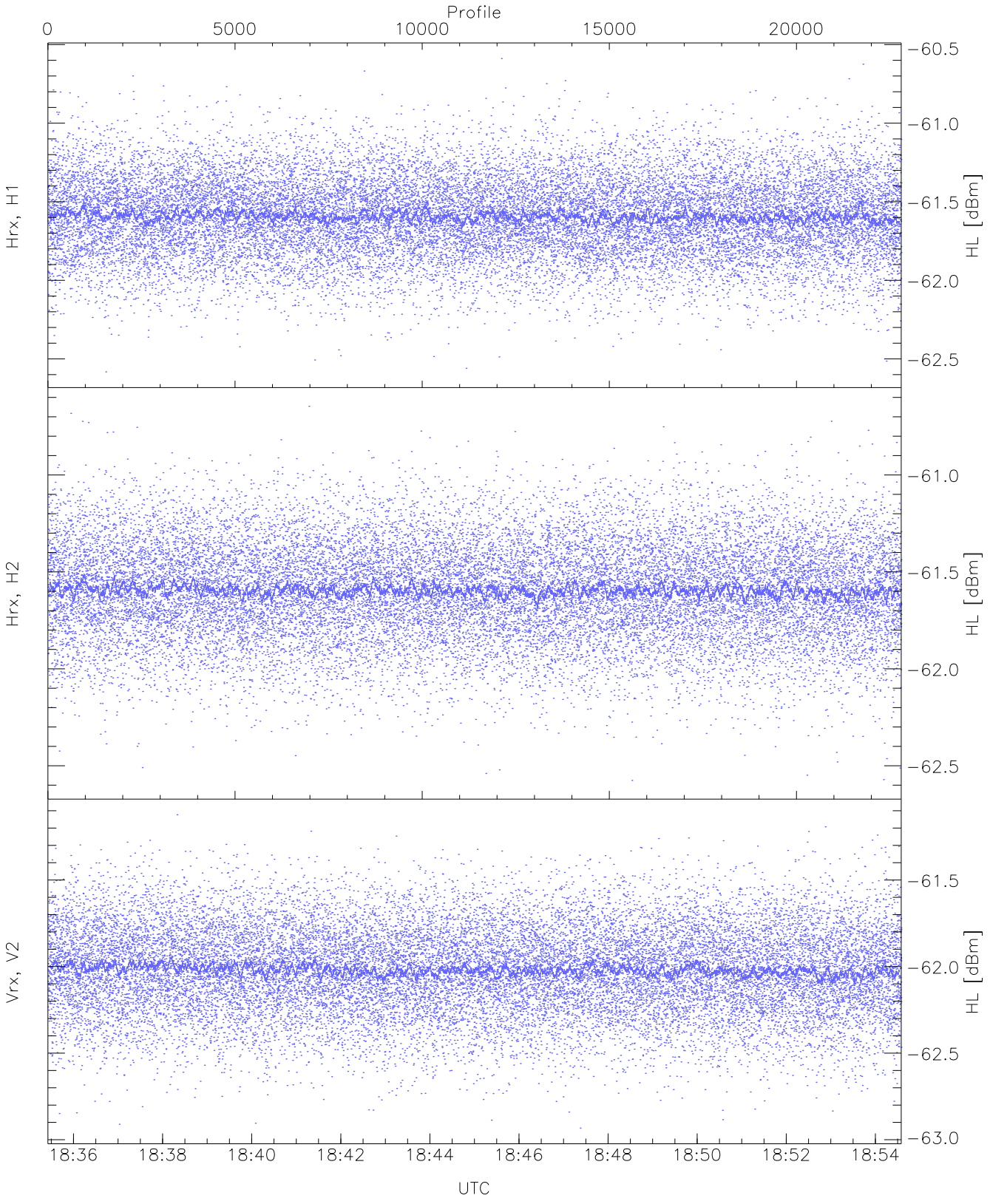
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 3248 pixs, 41 gates, 3129 profs, 2 prods



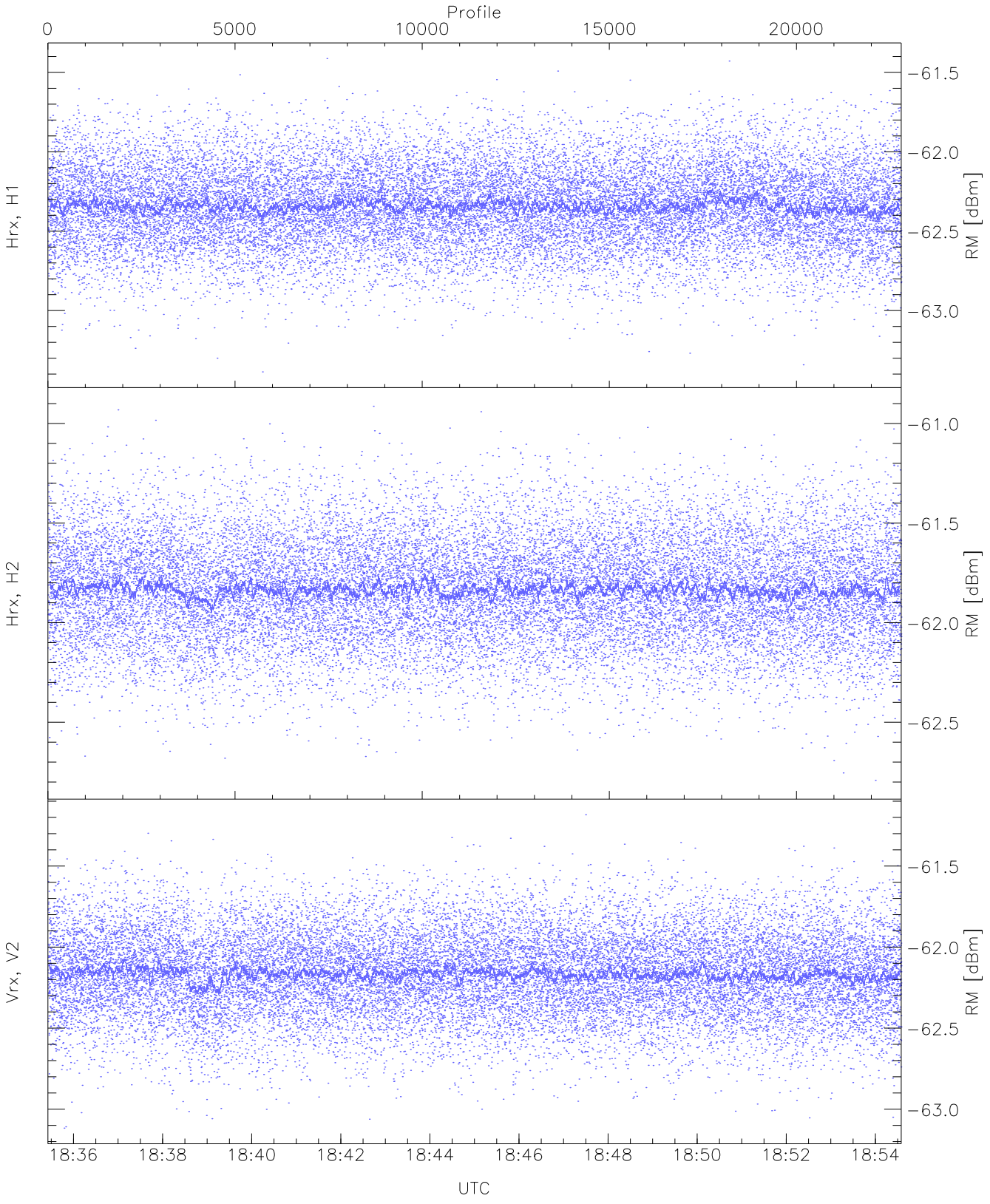
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.88	-60.85	-61.83	-61.84	-74.41
Hrx, H2(WL [dBm])	-62.81	-60.90	-61.83	-61.84	-74.41
Vrx, V2(WL [dBm])	-63.32	-61.34	-62.24	-62.25	-74.81



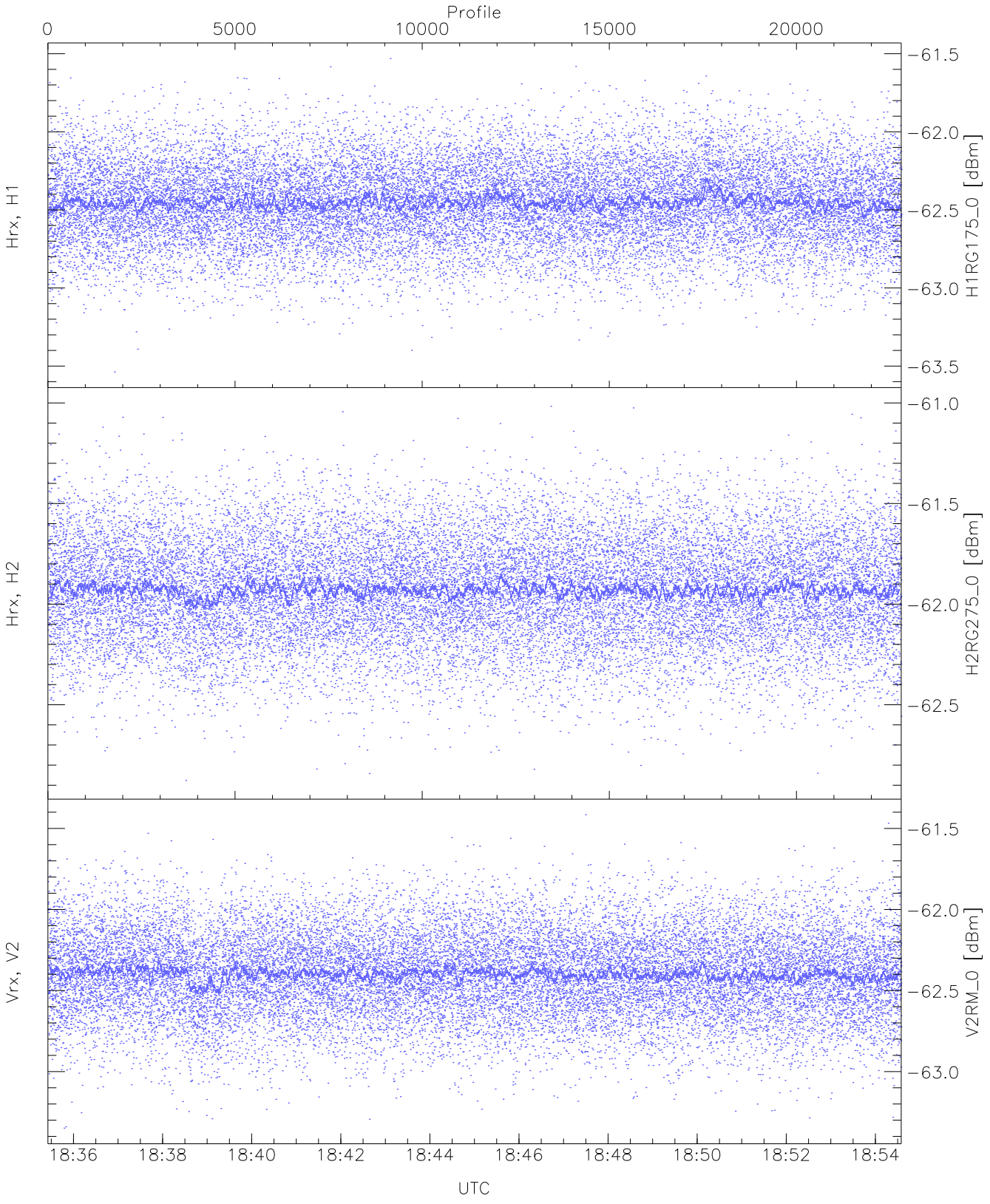
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.58	-60.59	-61.59	-61.59	-74.14
Hrx, H2(HL [dBm])	-62.58	-60.65	-61.59	-61.60	-74.16
Vrx, V2(HL [dBm])	-62.93	-61.12	-62.02	-62.02	-74.59



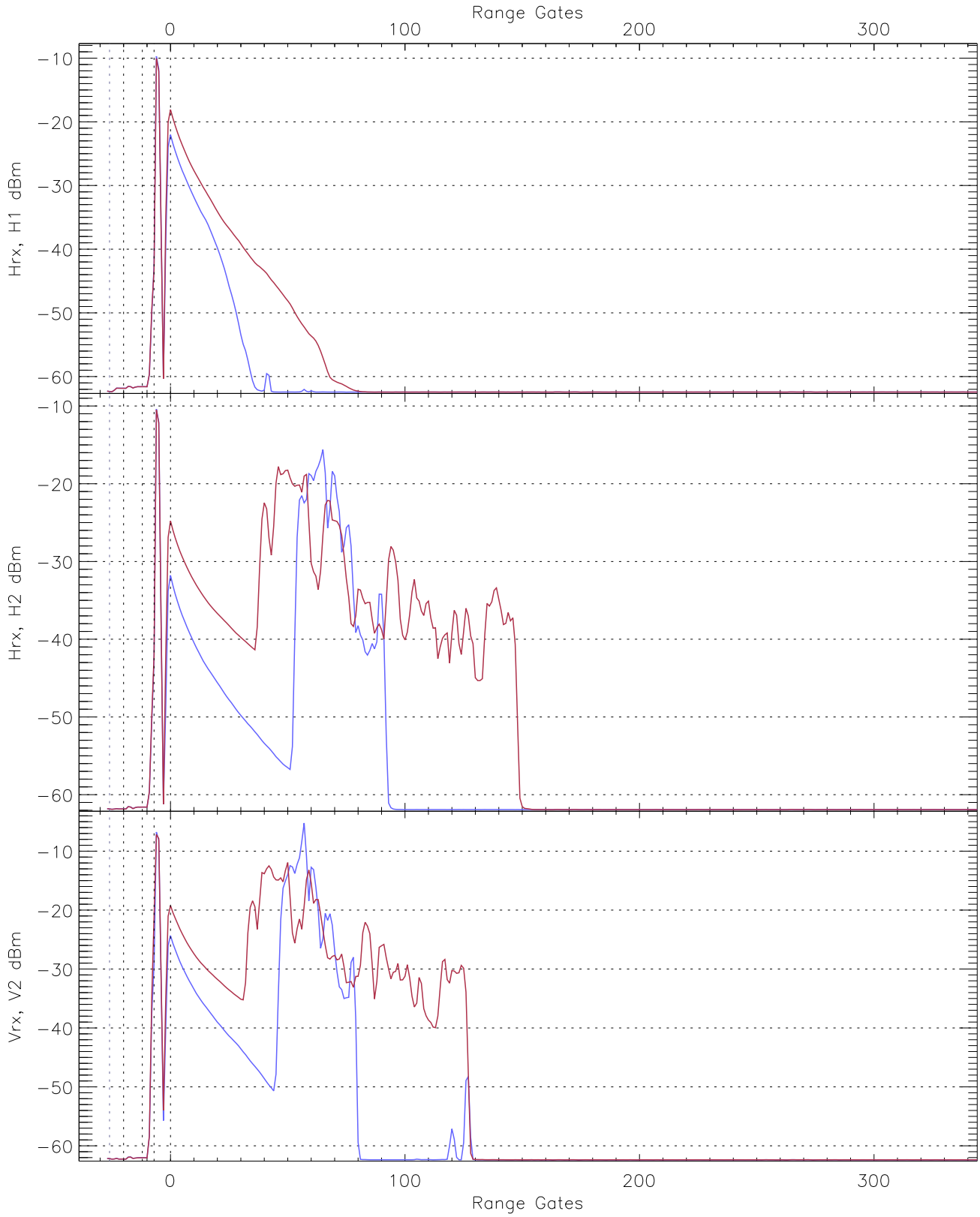
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.39	-61.41	-62.34	-62.34	-74.91
Hrx, H2(RM [dBm])	-62.79	-60.91	-61.83	-61.84	-74.38
Vrx, V2(RM [dBm])	-63.12	-61.18	-62.16	-62.17	-74.70

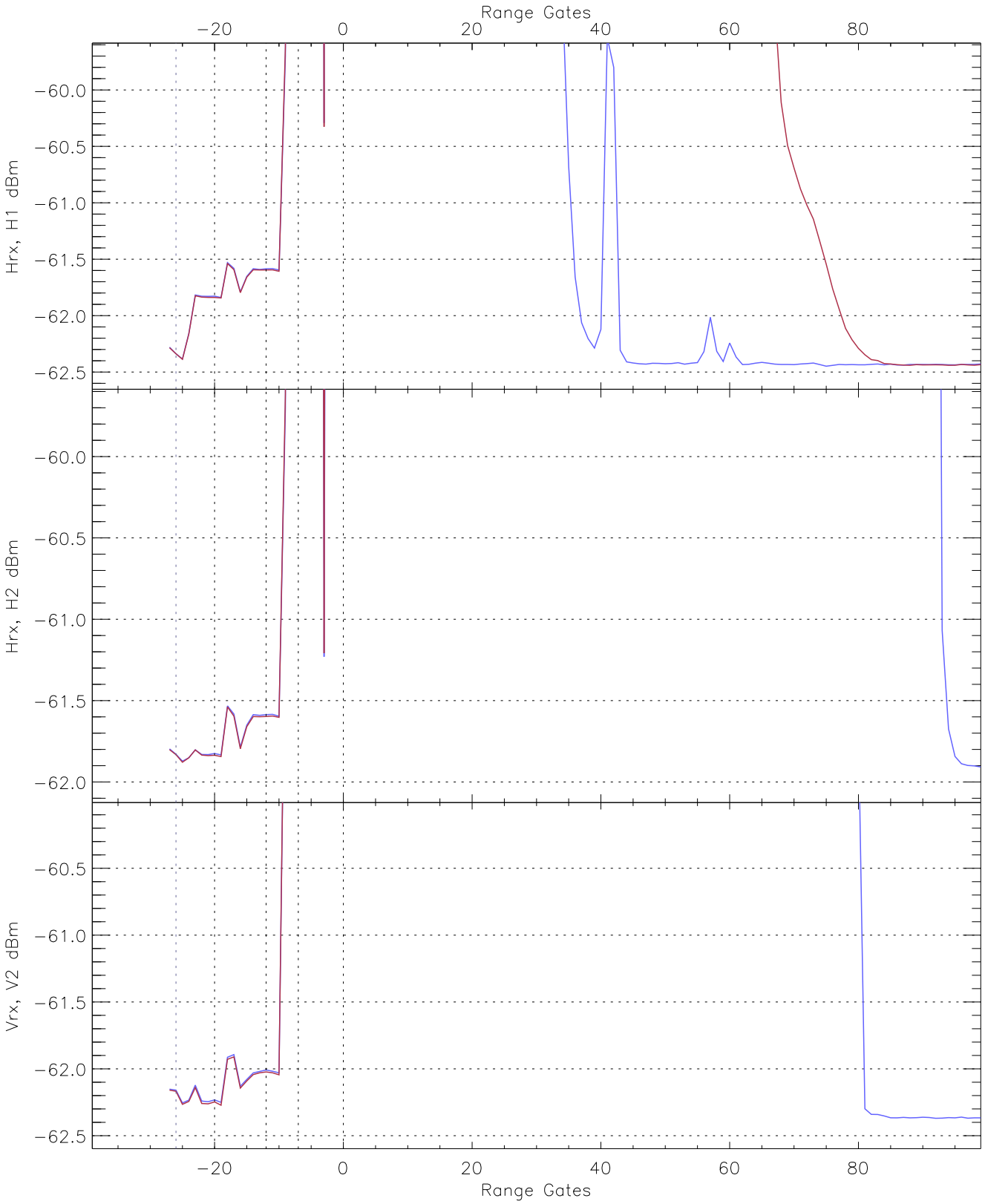


WCR2 CPP "Best" estimate Receivers Noise Power

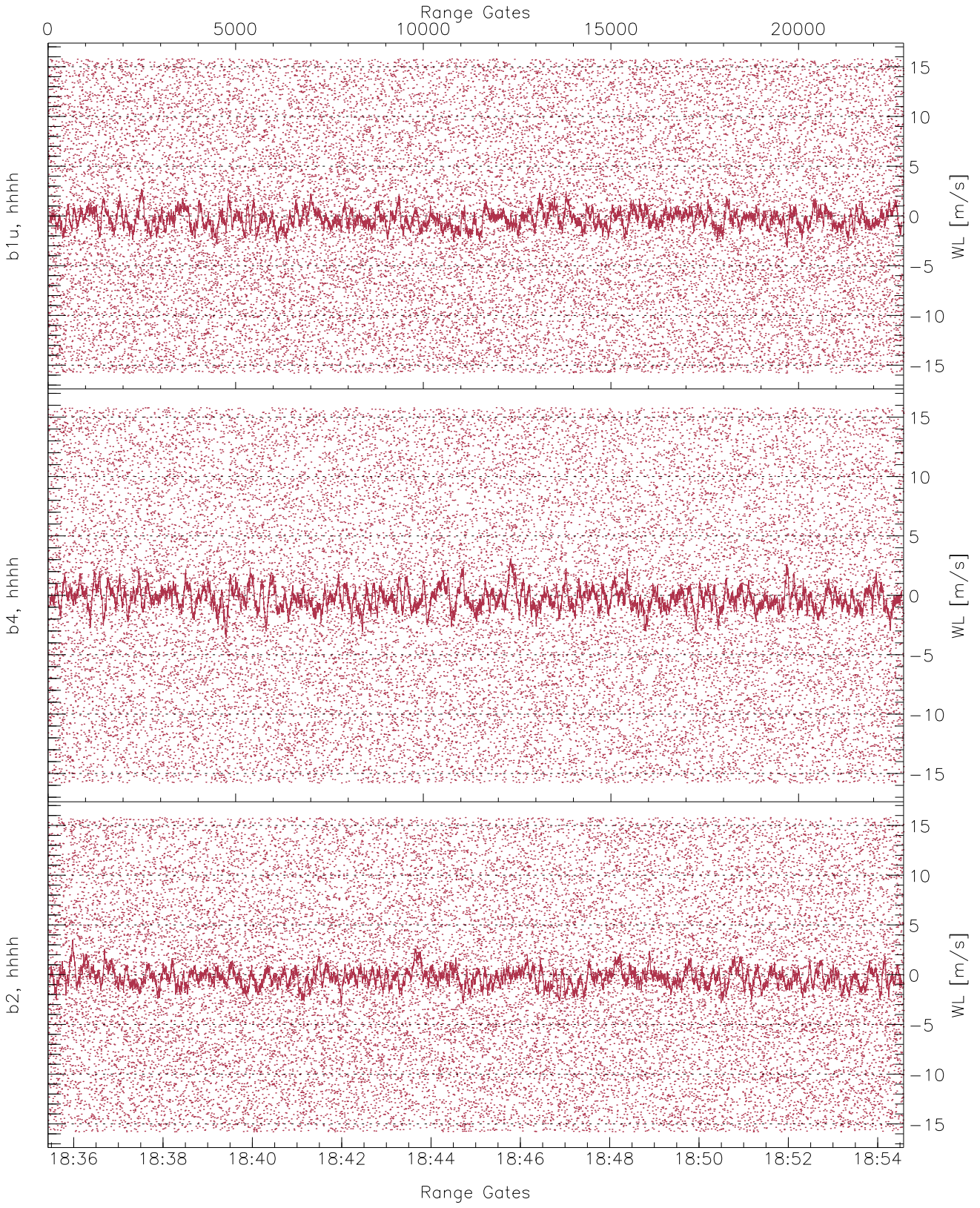
	Min	Max	Mean	Median	StDev
H1RG175_0 [dBm]	-63.54	-61.53	-62.45	-62.45	-75.00
H2RG275_0 [dBm]	-62.88	-61.02	-61.93	-61.93	-74.50
V2RM_0 [dBm]	-63.35	-61.42	-62.40	-62.40	-74.93



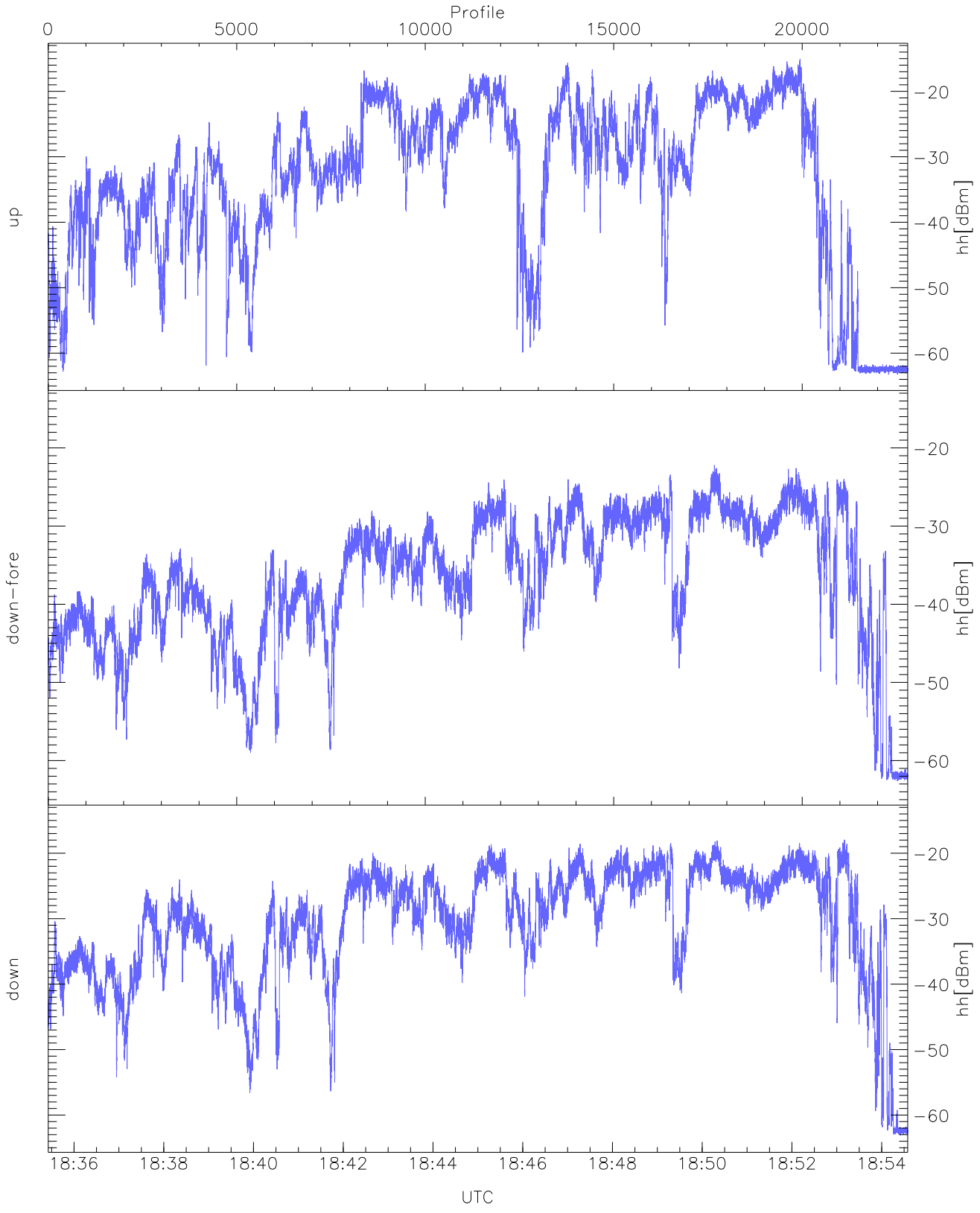
WCR2 CPP Averaged Received power for all recorded gates
blue: 183525-184500, 11401 profiles averaged
red: 184500-185435, 11400 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 183525-184500, 11401 profiles averaged
red: 184500-185435, 11400 profiles averaged

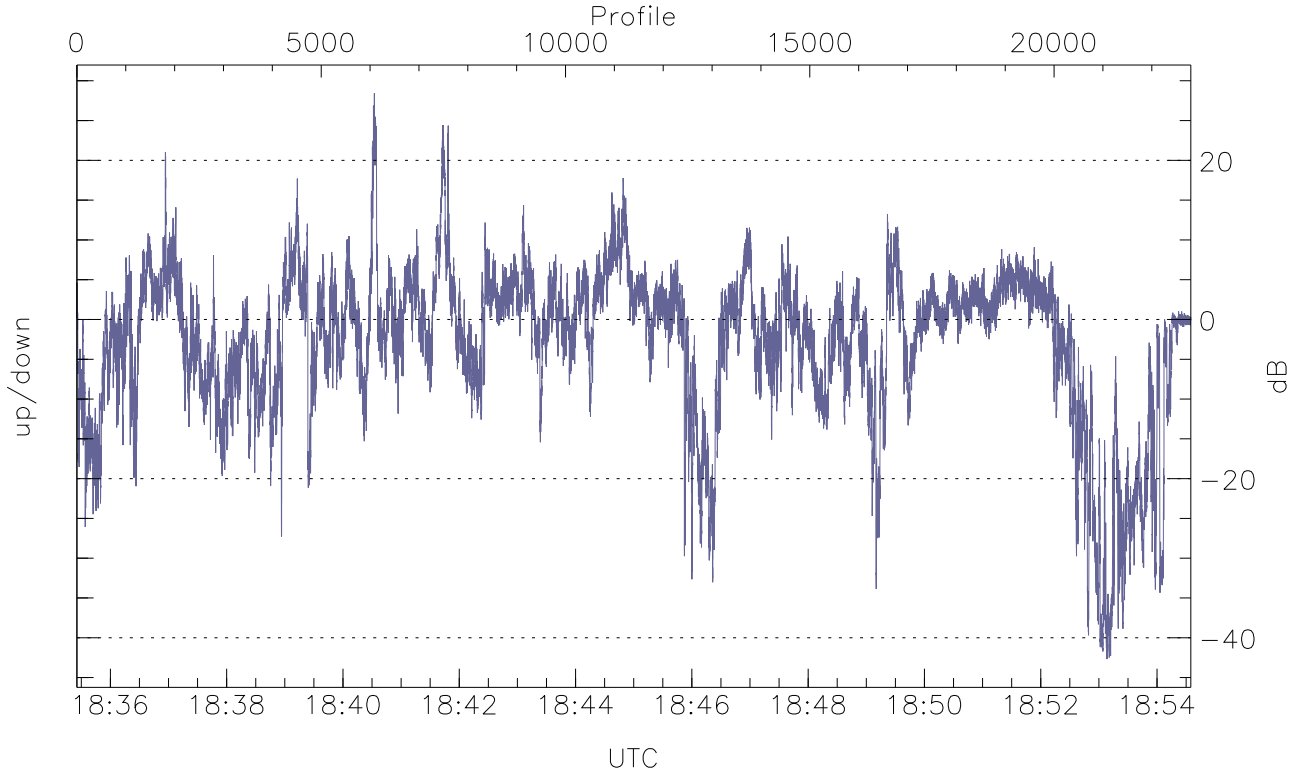


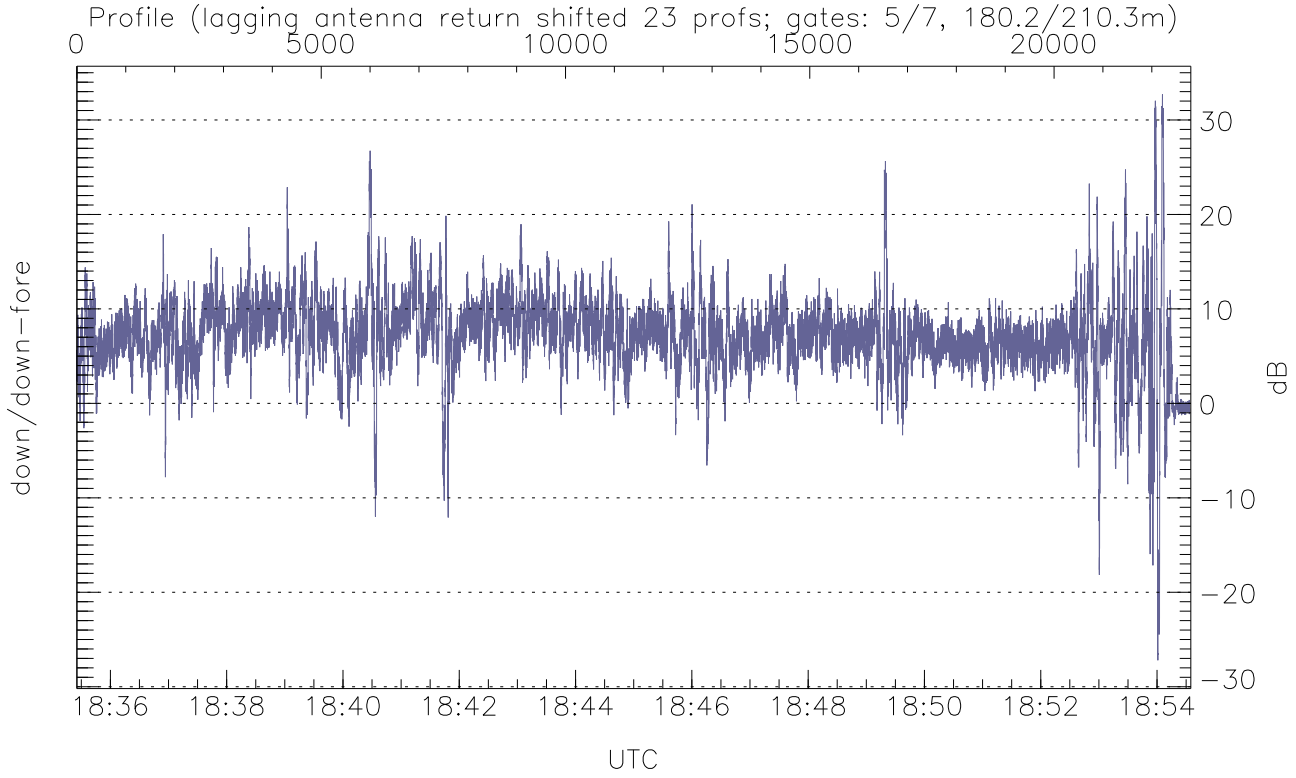
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

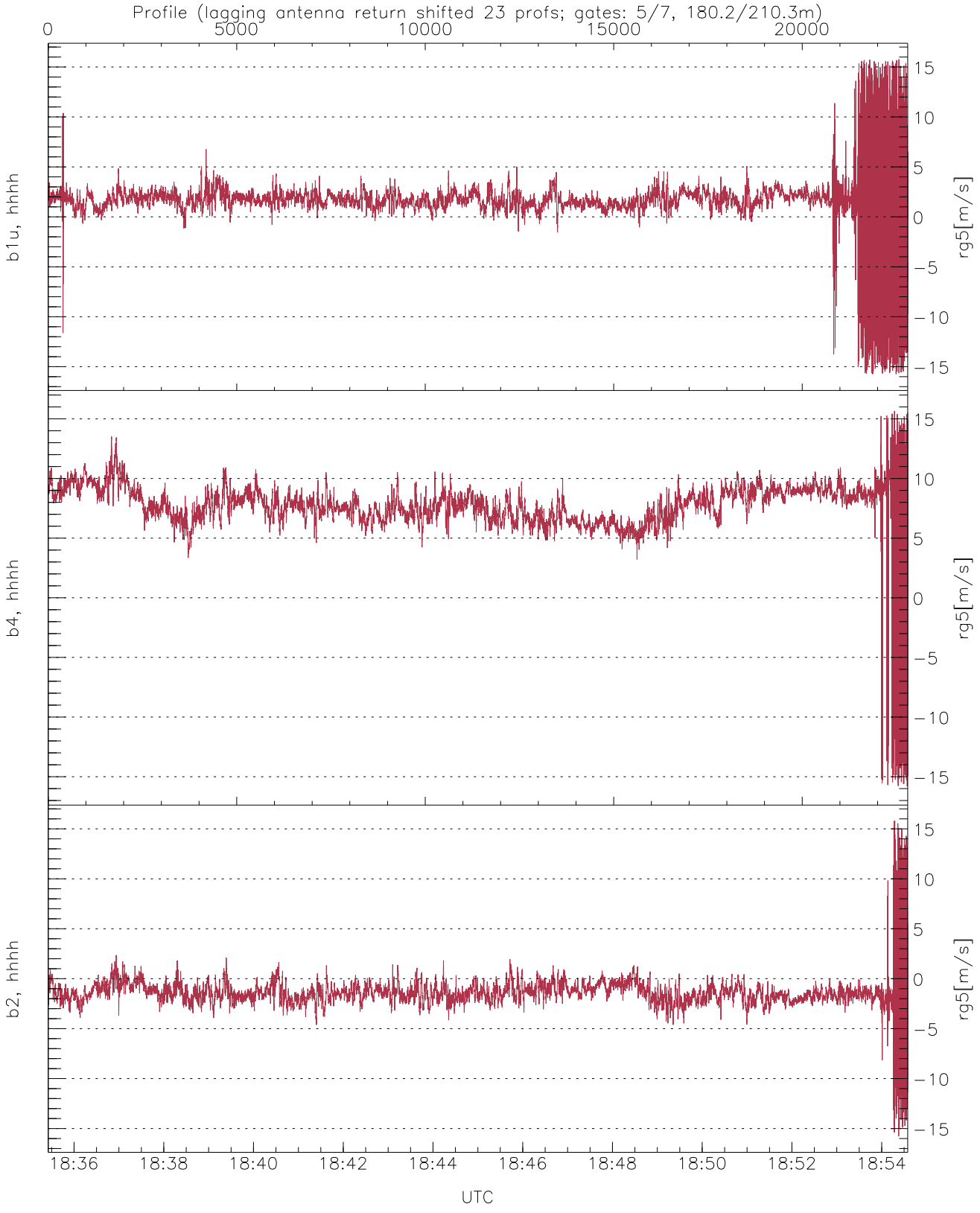
	Min	Max	Mean
up(hh[dBm])	-63.29	-15.06	-25.18
down-fore(hh[dBm])	-62.61	-22.20	-31.70
down(hh[dBm])	-63.10	-17.95	-25.96





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

	Min	Max	Mean
up/down(dB)	-42.68	28.43	-2.88
down/down-fore(dB)	-27.20	32.69	7.20



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.75	15.80	1.65	2.35
b4, hhhh(rg5[m/s])	-15.79	15.66	7.66	2.25
b2, hhhh(rg5[m/s])	-15.77	15.79	-1.40	1.38