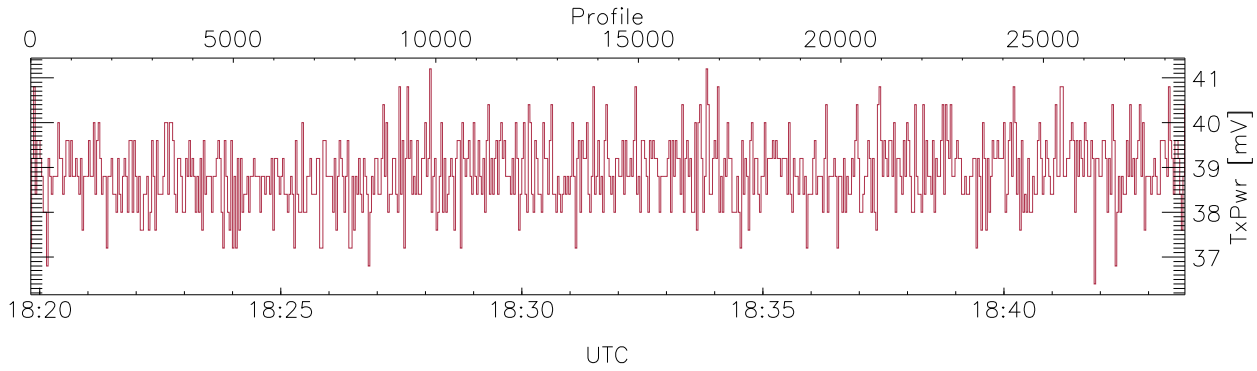
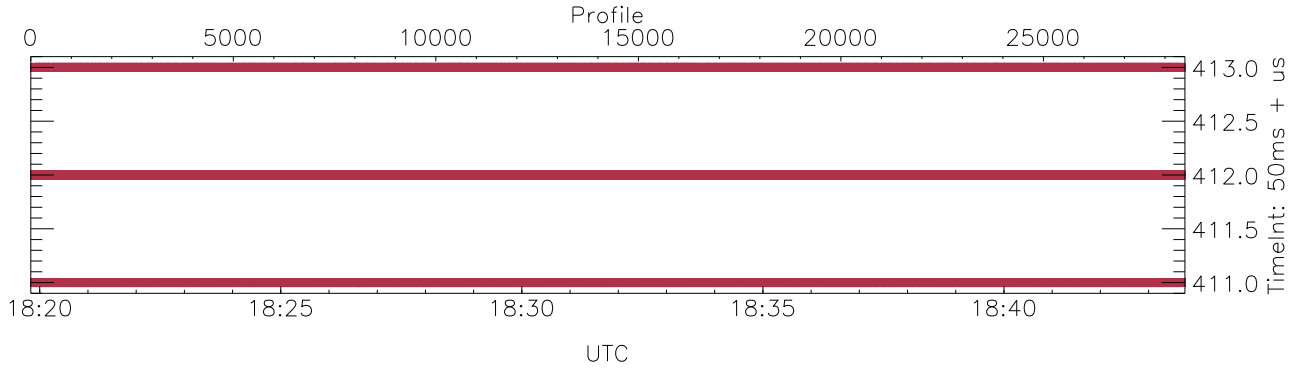
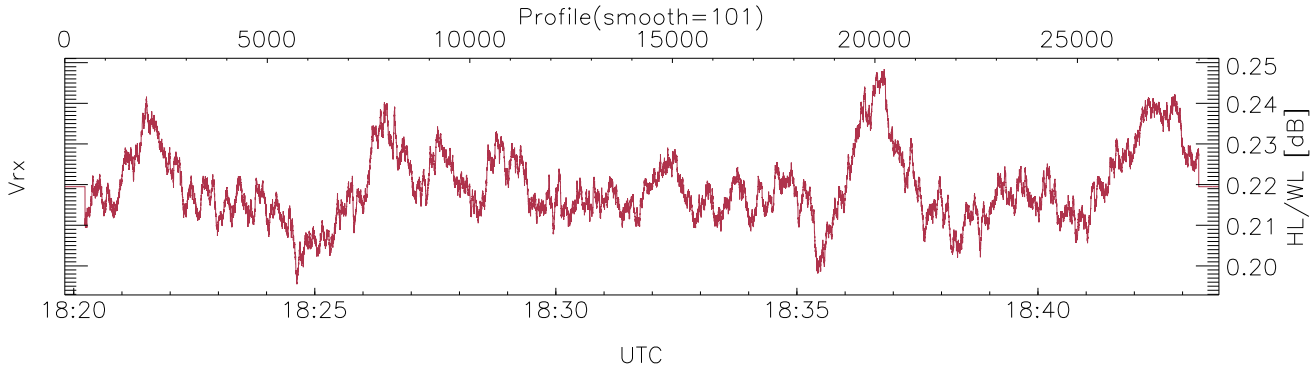
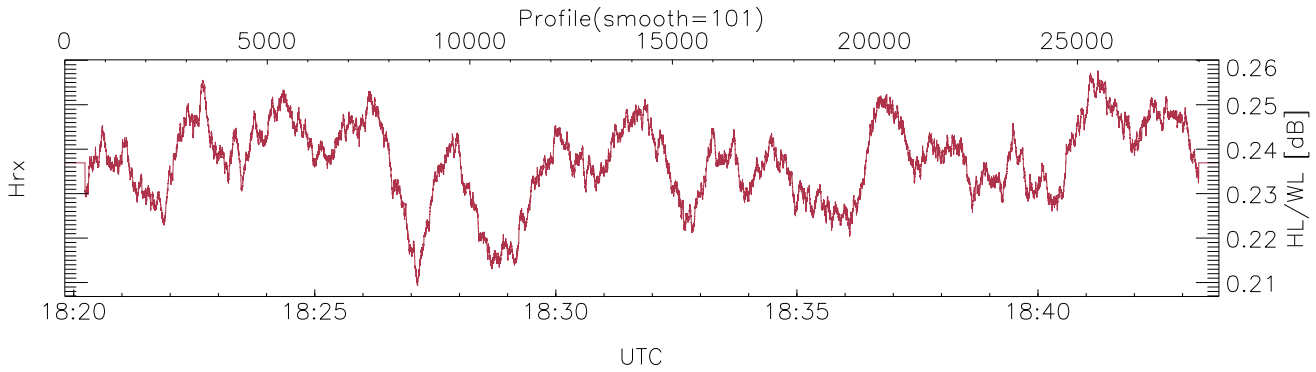


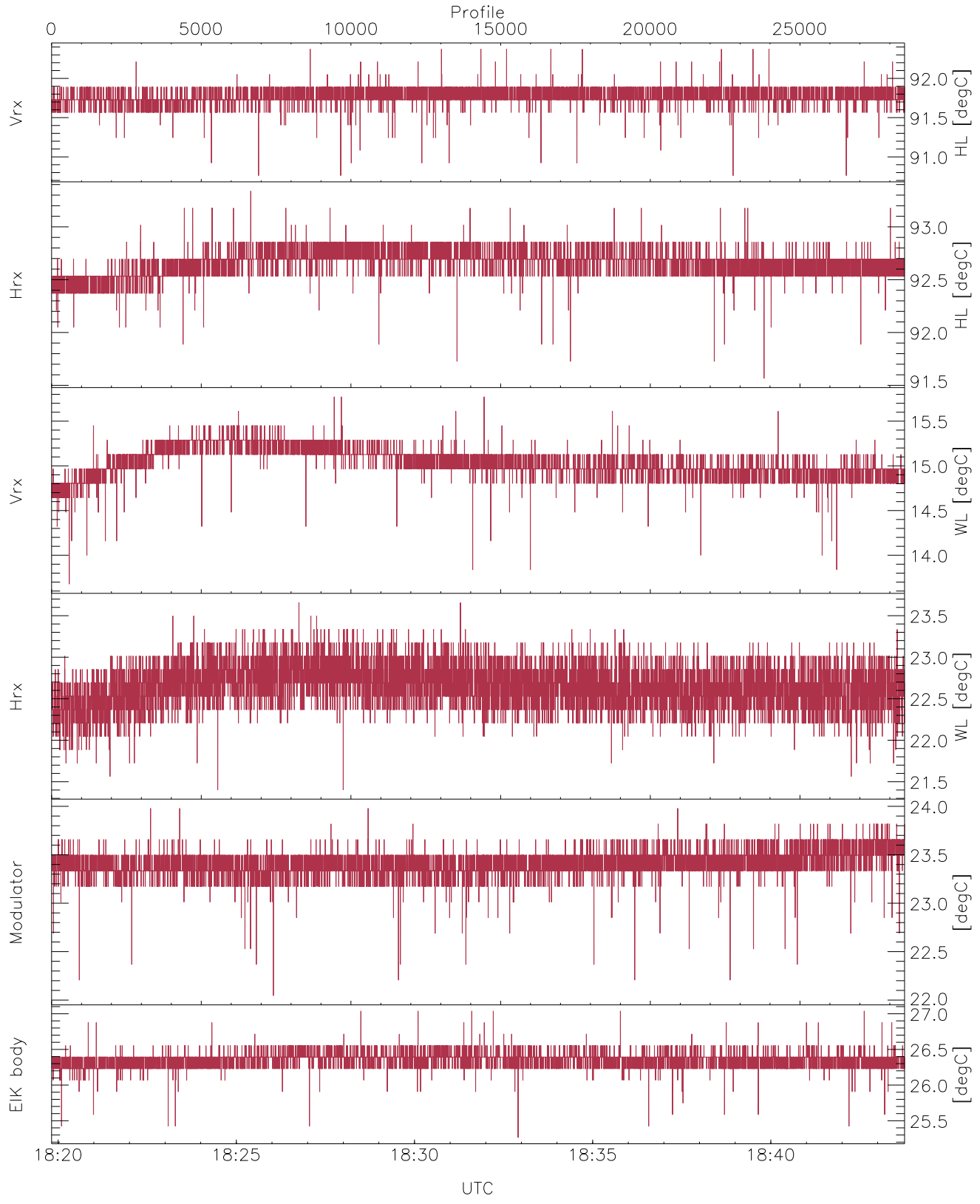






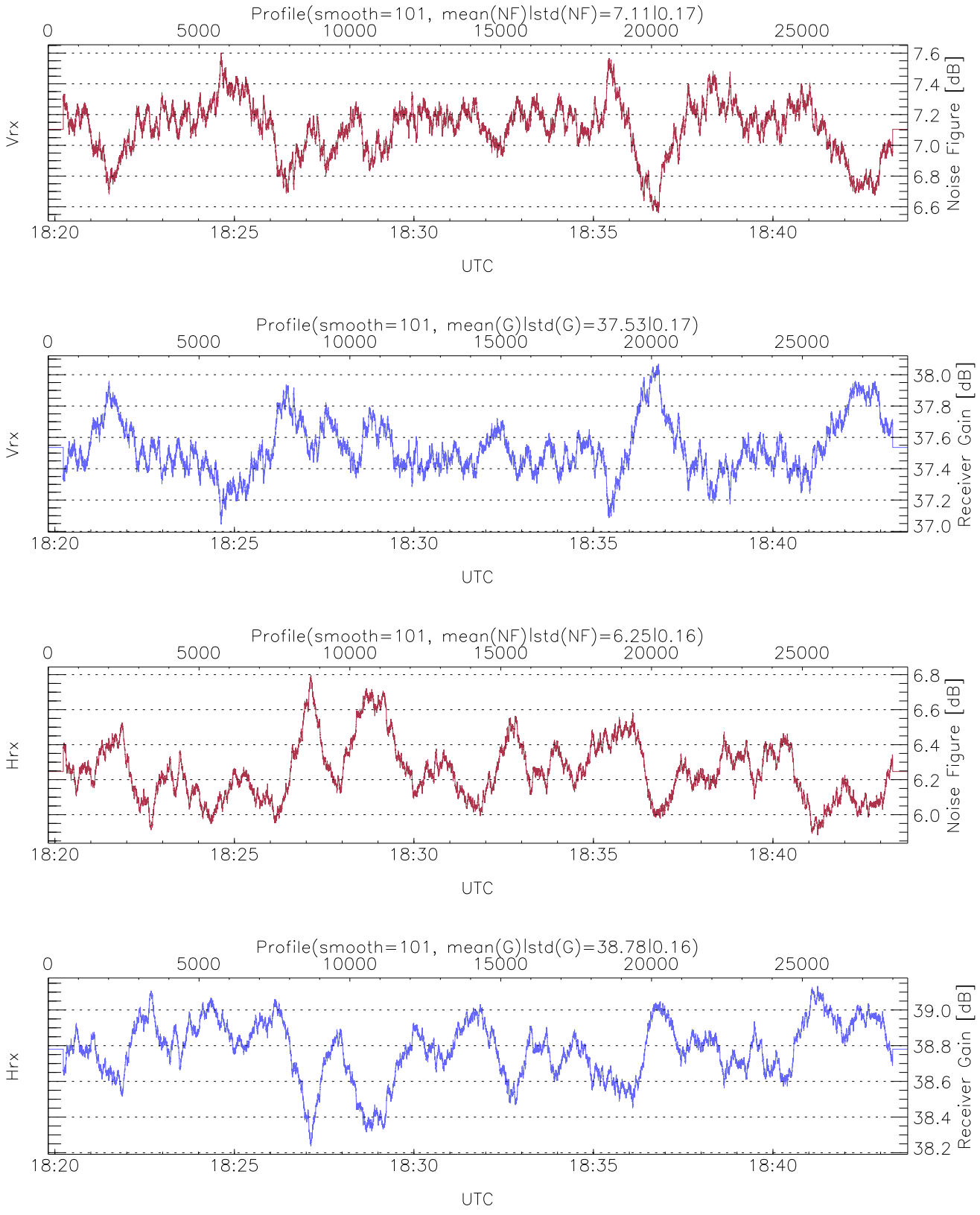
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 18:19:49-18:43:45, Dur: 1436.46s
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): 28495/28495, 0-28494/18:19:49-18:43:45
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



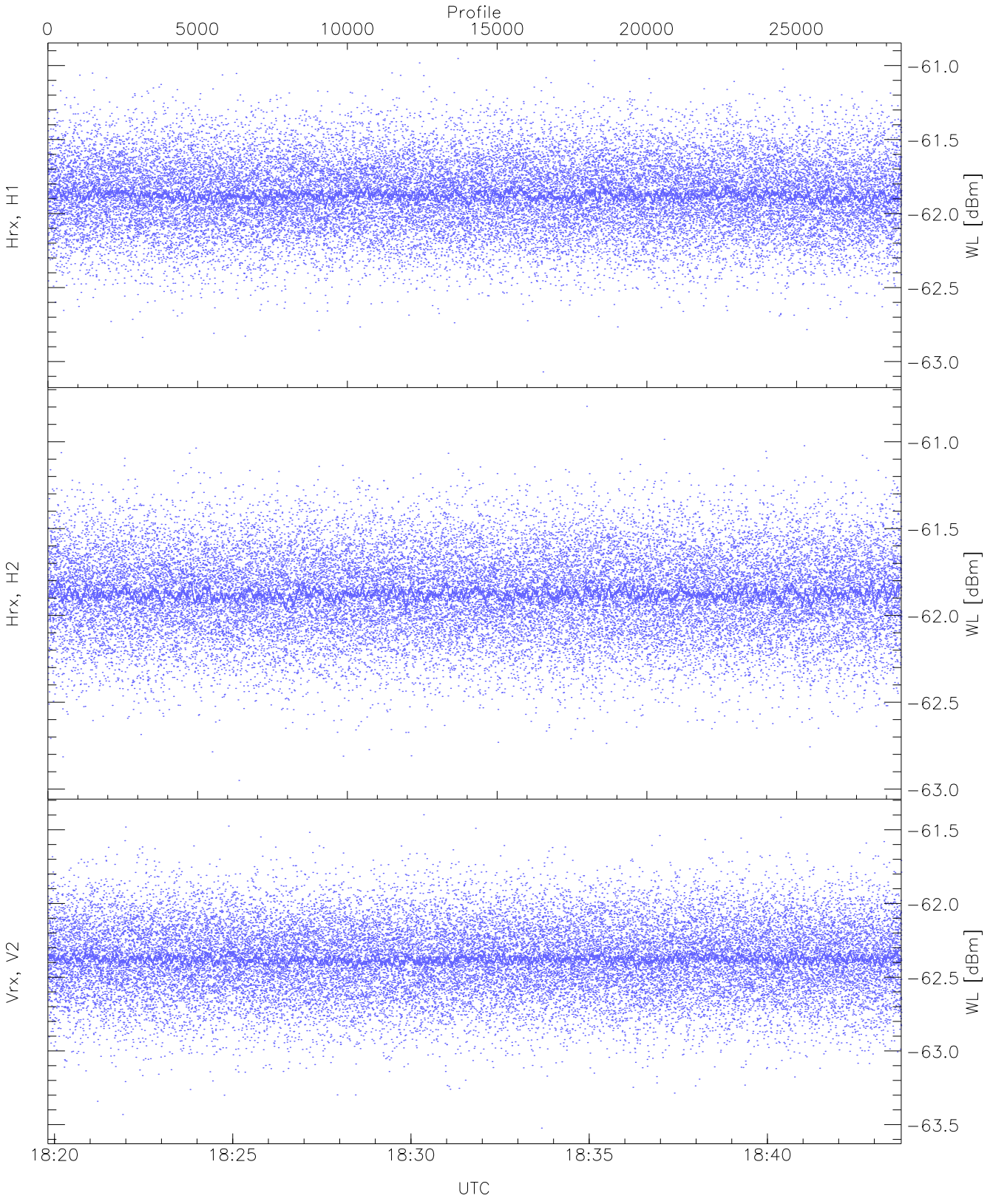
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,13,21,22,25
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,15,23,23,27
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (32,32,32,32,32,5)



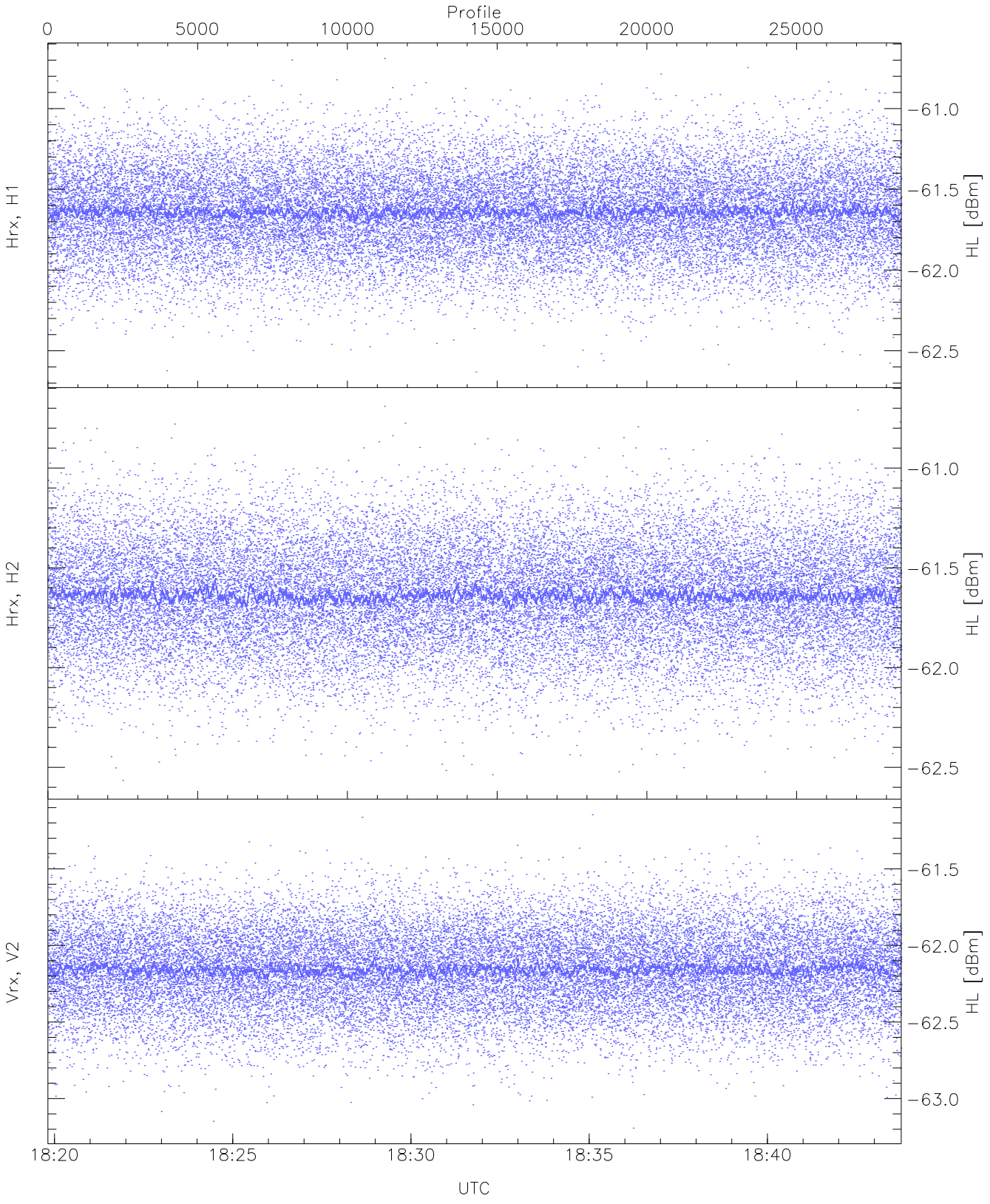
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 4805 pixs, 34 gates, 4162 profs, 1 prods



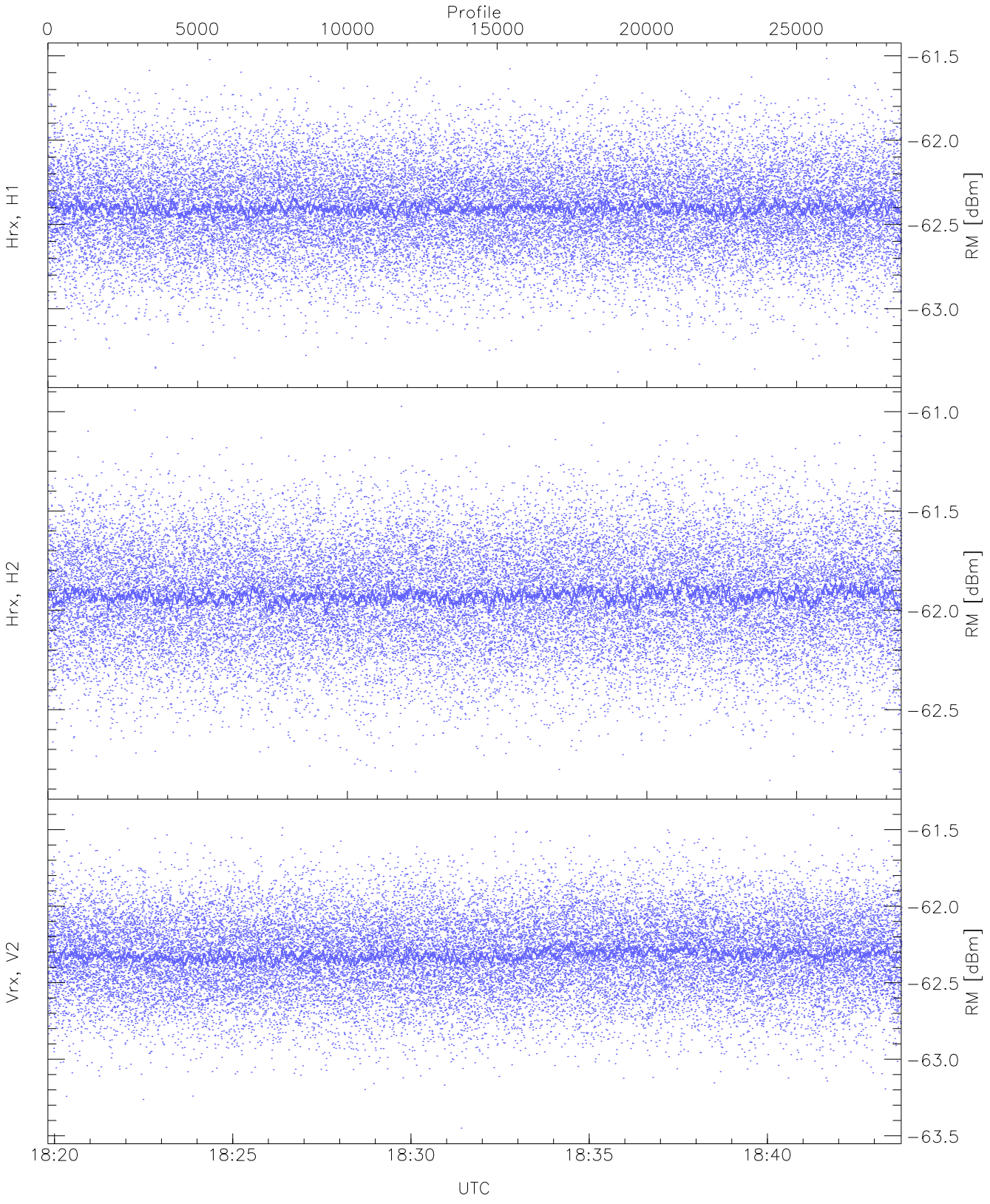
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.07	-60.95	-61.87	-61.88	-74.44
Hrx, H2(WL [dBm])	-62.95	-60.80	-61.87	-61.88	-74.49
Vrx, V2(WL [dBm])	-63.52	-61.40	-62.37	-62.38	-74.92



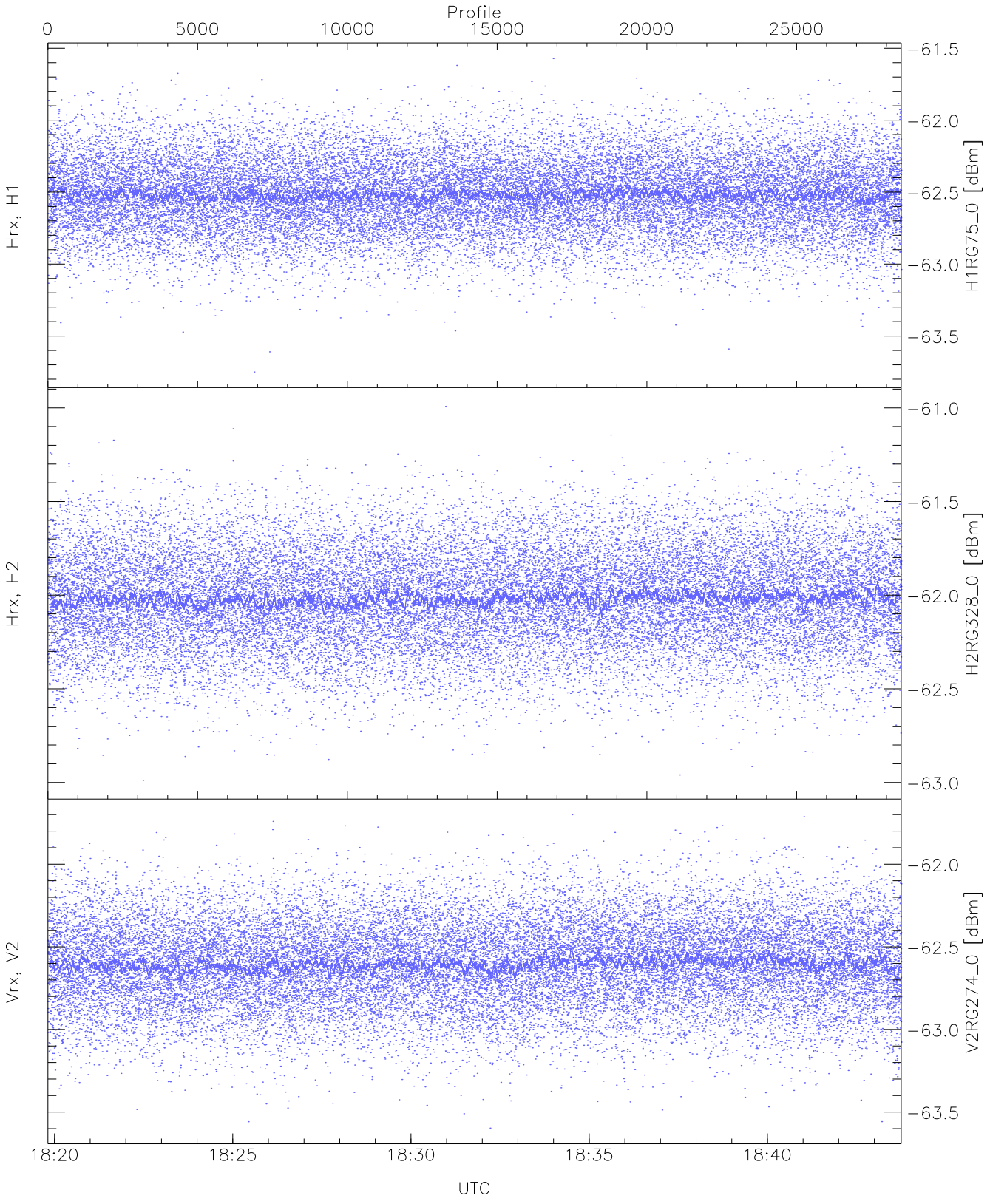
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.63	-60.69	-61.64	-61.64	-74.18
Hrx, H2(HL [dBm])	-62.57	-60.69	-61.64	-61.64	-74.20
Vrx, V2(HL [dBm])	-63.19	-61.15	-62.15	-62.16	-74.68



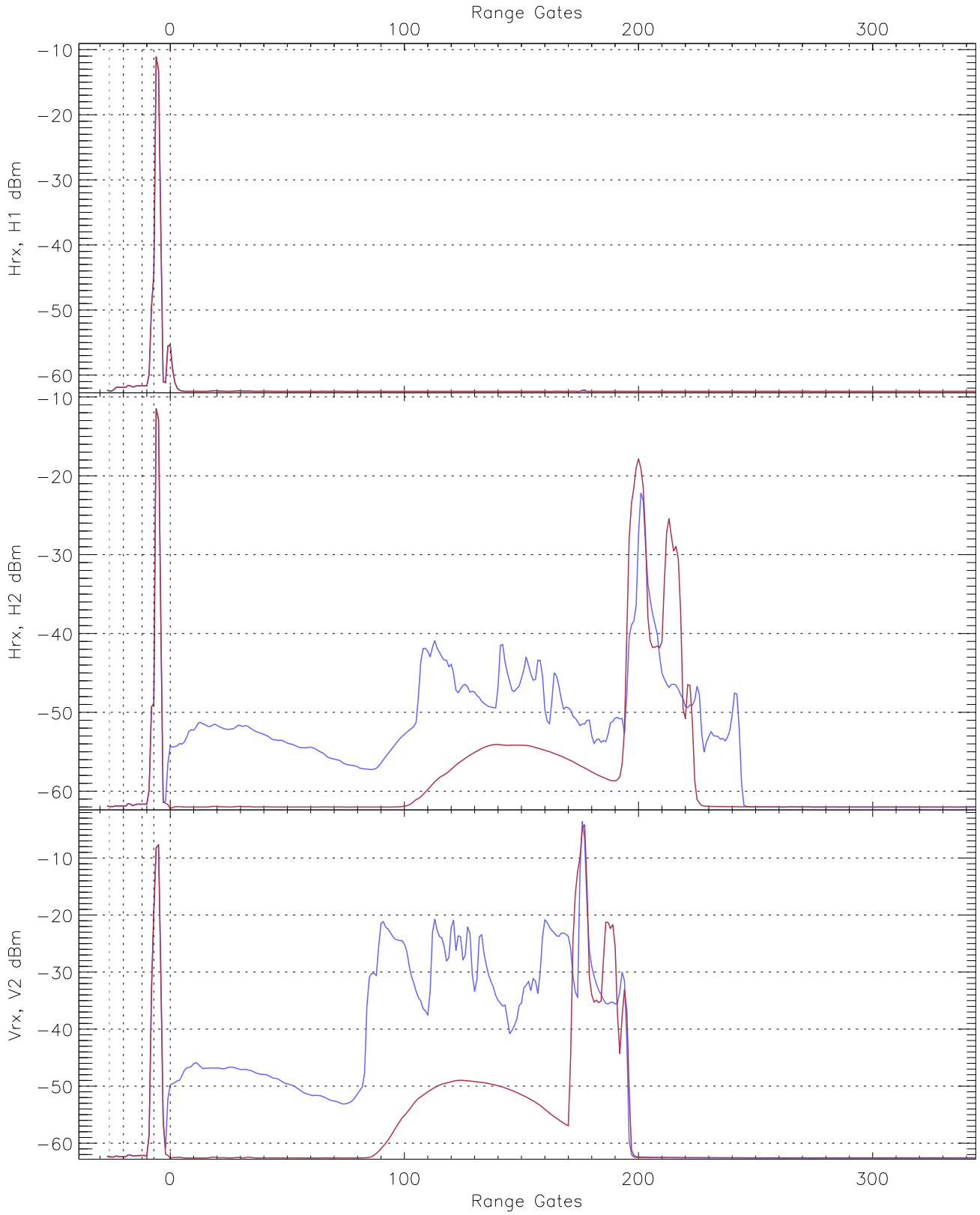
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.37	-61.52	-62.40	-62.41	-74.97
Hrx, H2(RM [dBm])	-62.86	-60.97	-61.92	-61.92	-74.48
Vrx, V2(RM [dBm])	-63.45	-61.40	-62.31	-62.32	-74.84

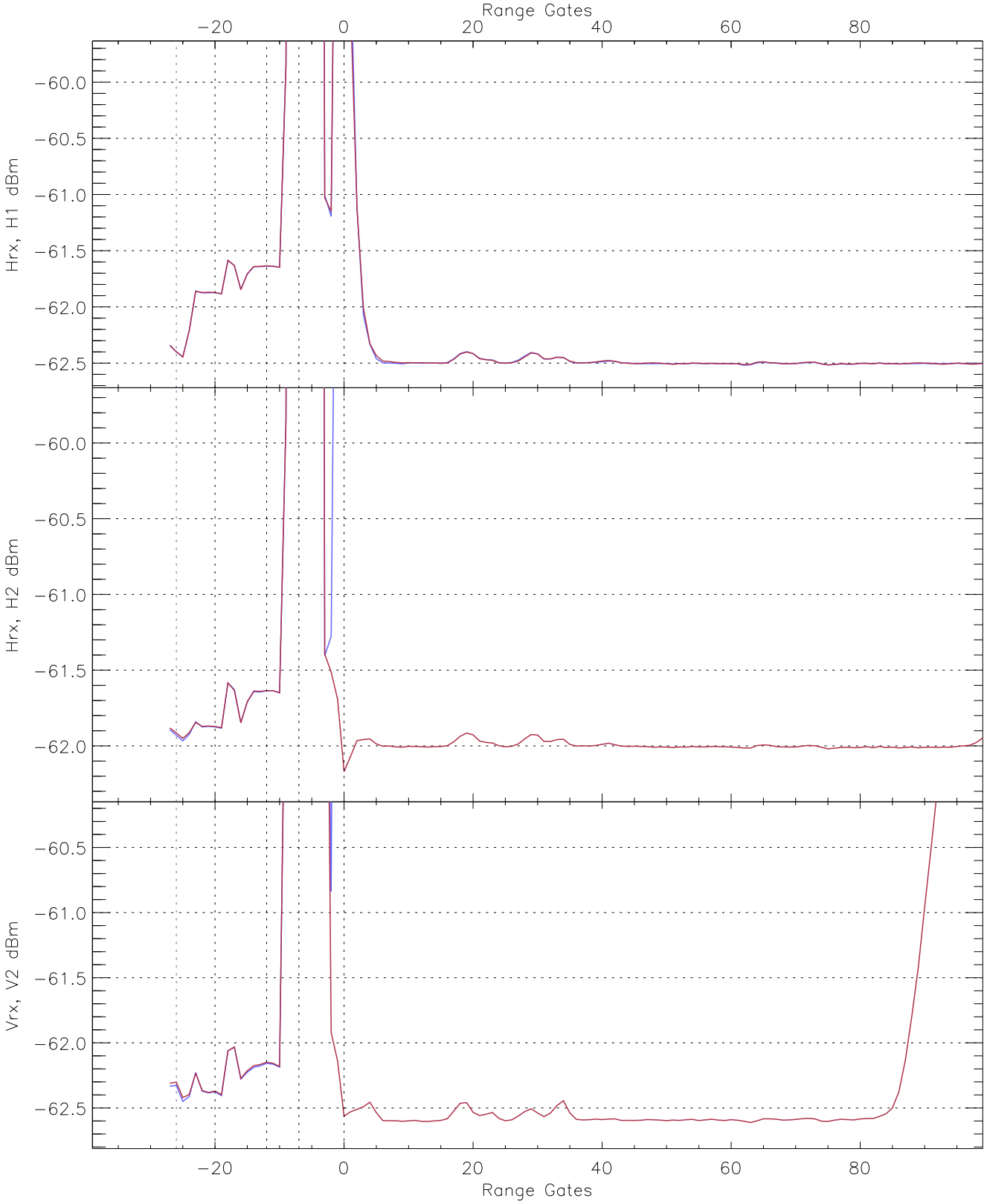


WCR2 CPP "Best" estimate Receivers Noise Power

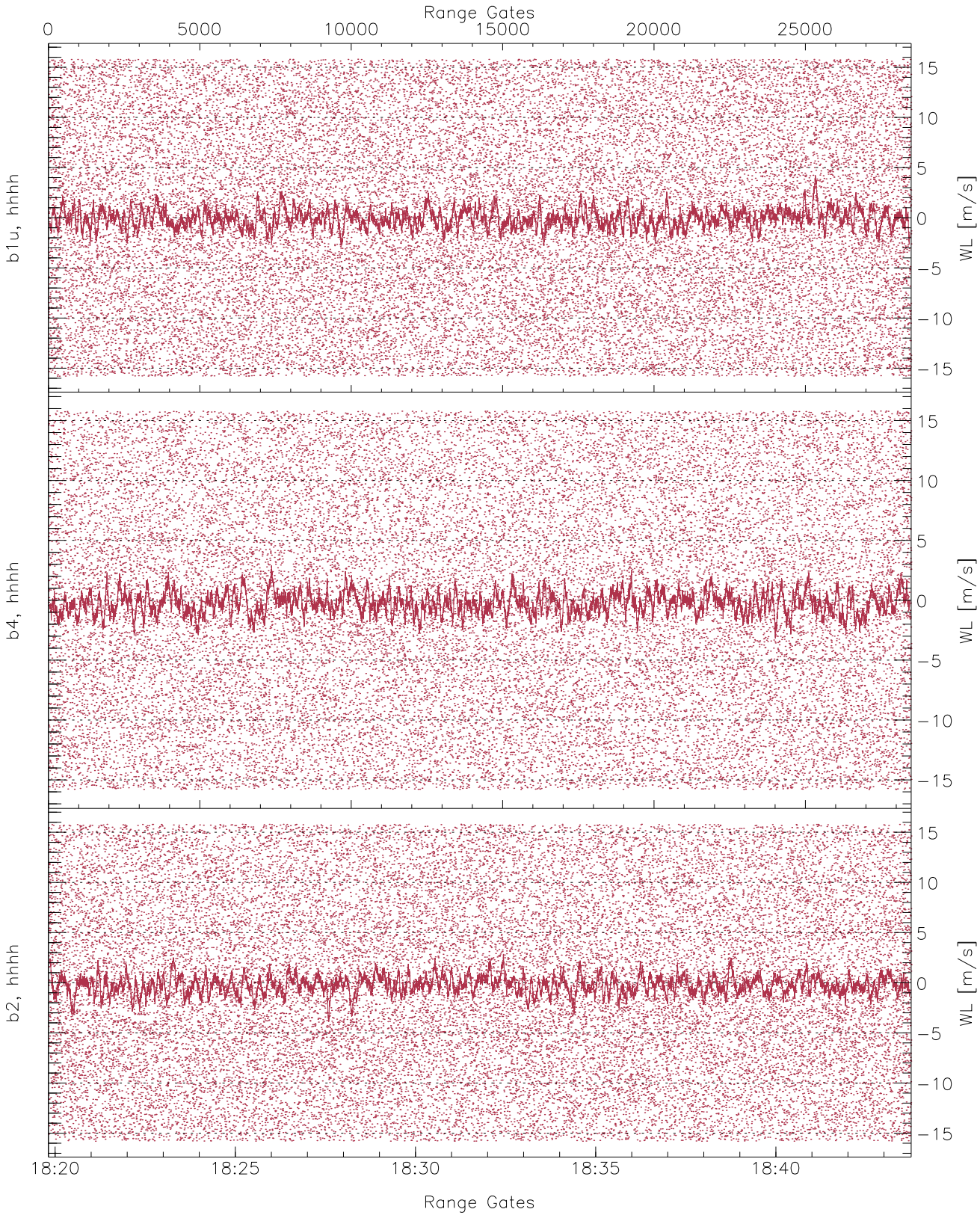
	Min	Max	Mean	Median	StDev
H1RG75_0 [dBm]	-63.75	-61.57	-62.52	-62.52	-75.09
H2RG328_0 [dBm]	-62.99	-60.99	-62.02	-62.02	-74.56
V2RG274_0 [dBm]	-63.60	-61.70	-62.60	-62.61	-75.14



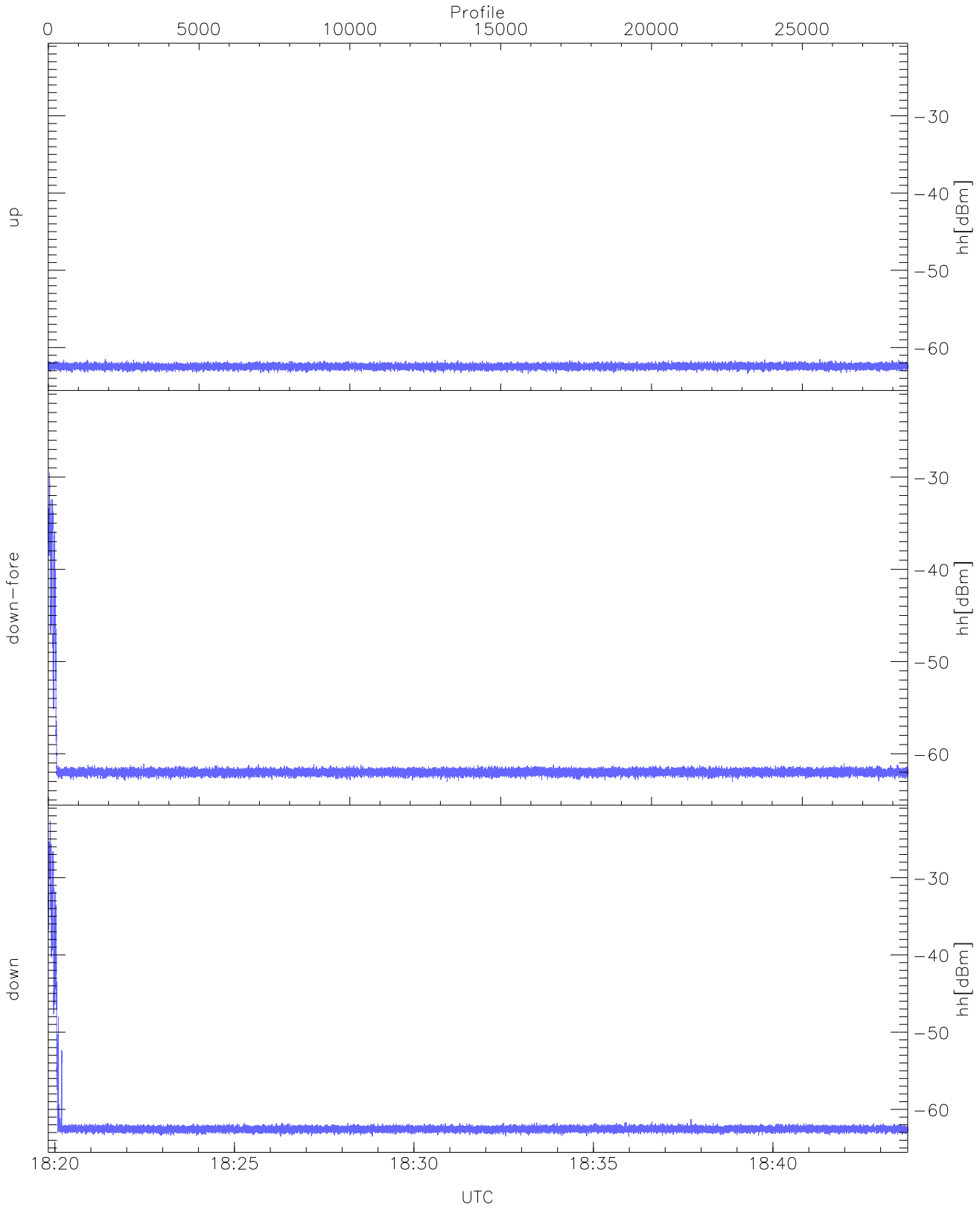
WCR2 CPP Averaged Received power for all recorded gates
blue: 181949-183147, 14248 profiles averaged
red: 183147-184345, 14248 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 181949-183147, 14248 profiles averaged
red: 183147-184345, 14248 profiles averaged

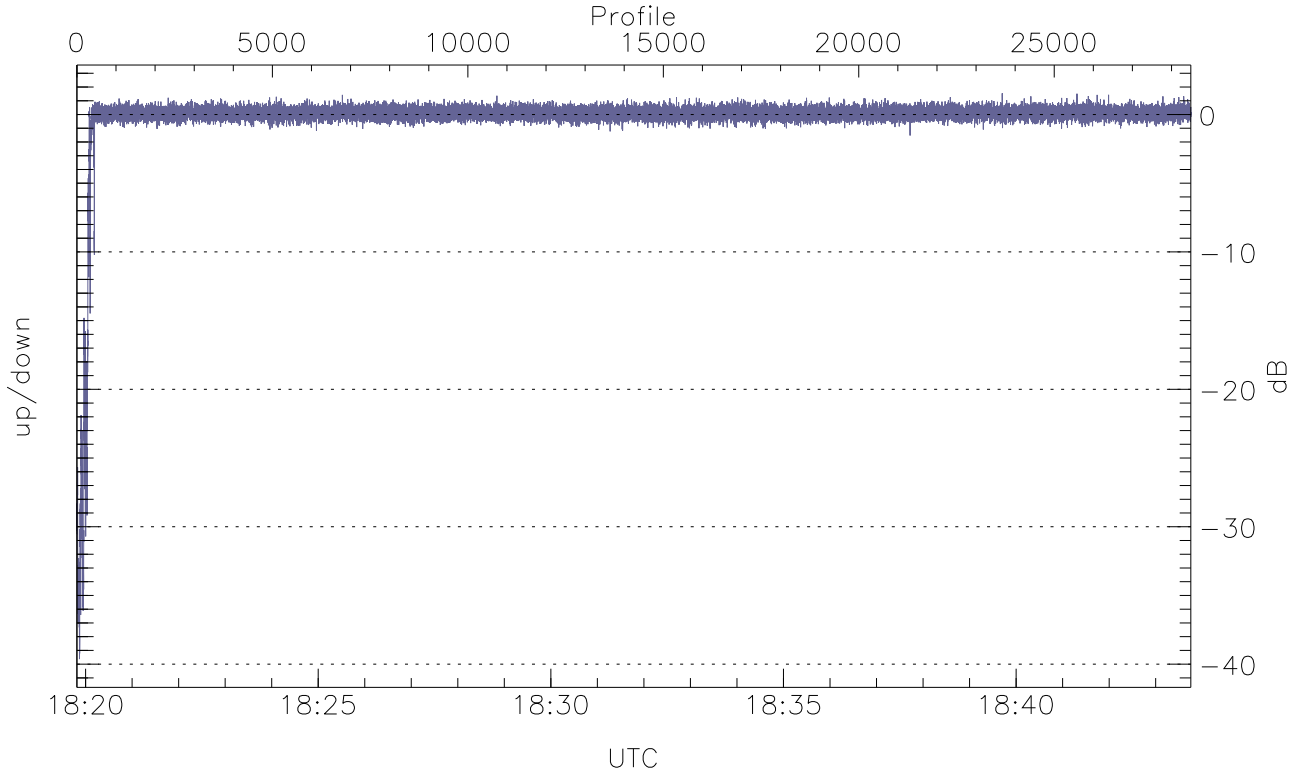


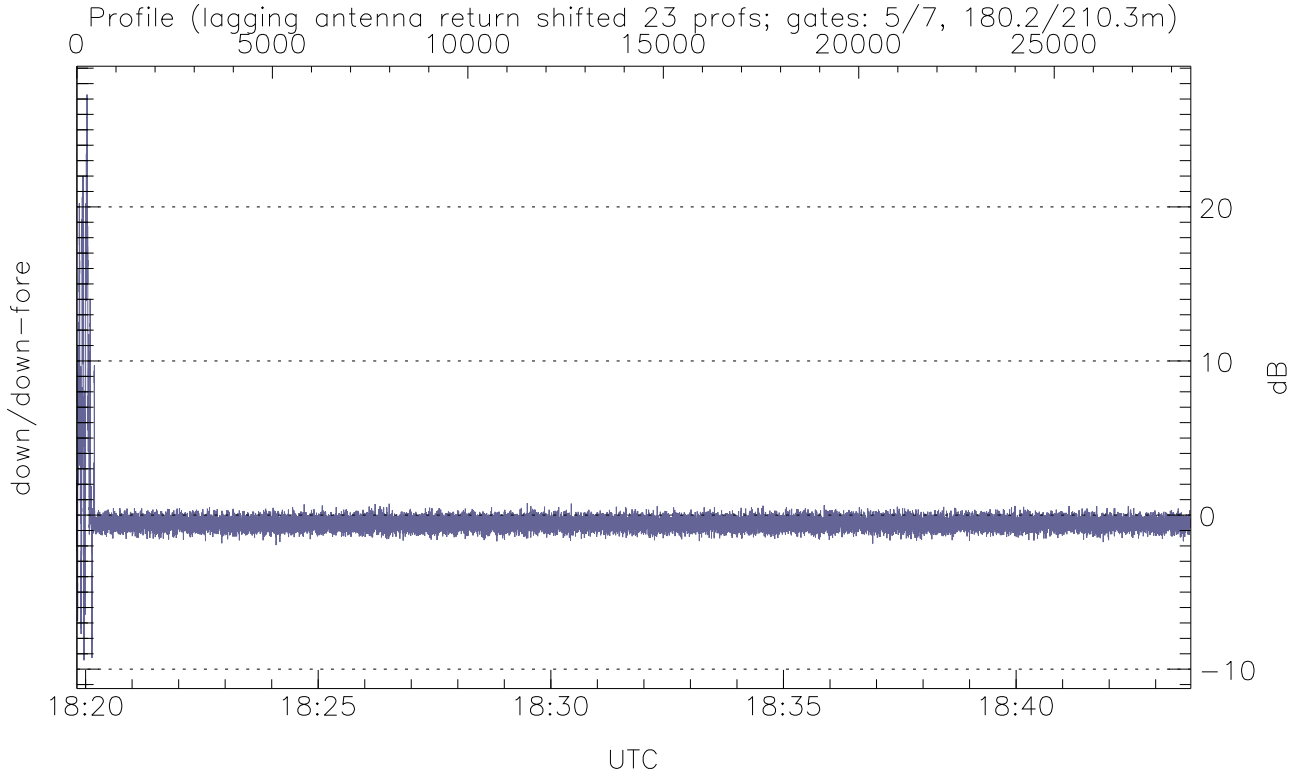
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

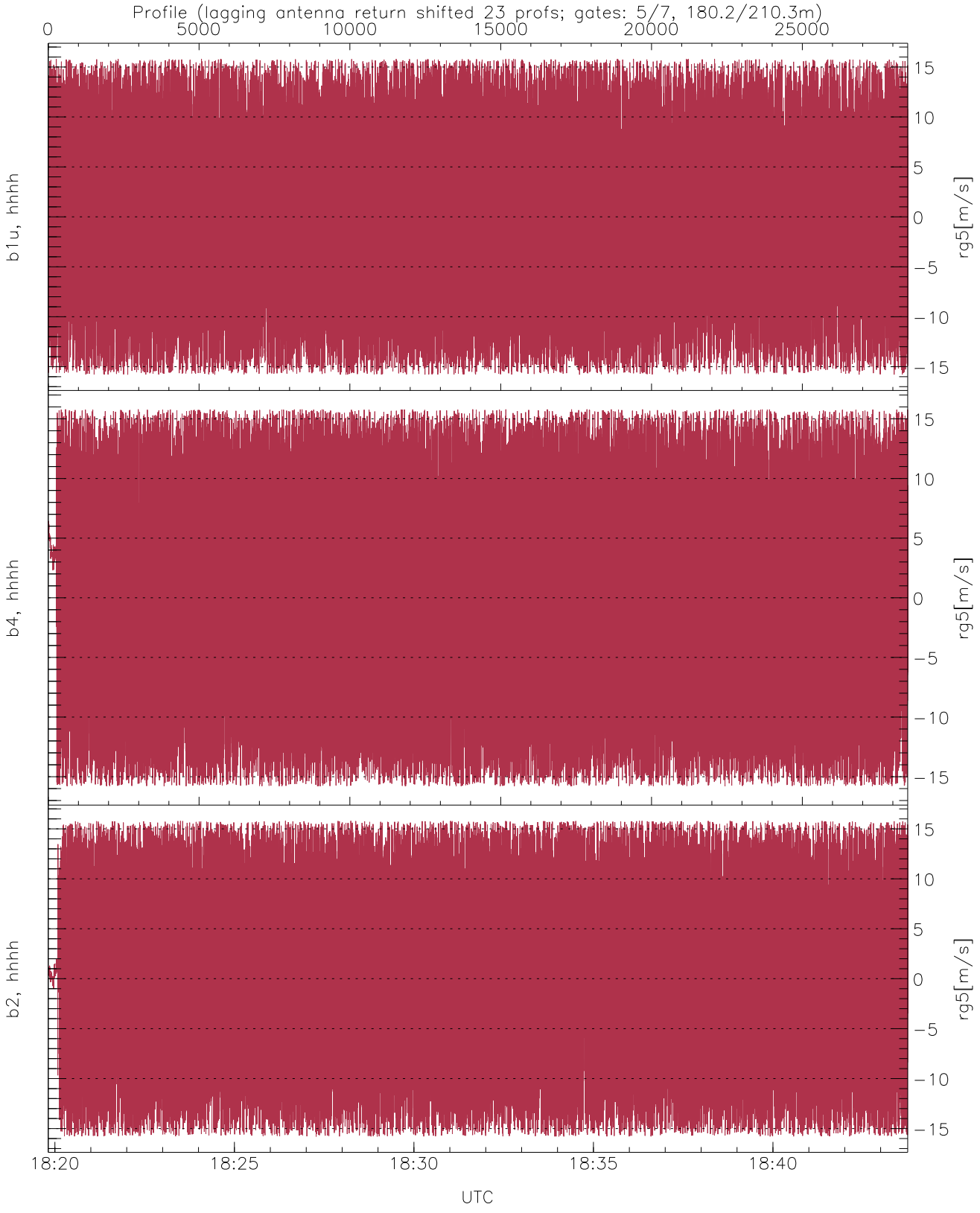
	Min	Max	Mean
up(hh[dBm])	-63.41	-61.51	-62.45
down-fore(hh[dBm])	-63.06	-29.58	-56.39
down(hh[dBm])	-63.52	-22.65	-51.02





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

	Min	Max	Mean
up/down(dB)	-39.63	1.54	-0.19
down/down-fore(dB)	-9.42	27.29	-0.44



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.80	-0.21	8.48
b4, hhhh(rg5[m/s])	-15.80	15.80	-0.21	9.03
b2, hhhh(rg5[m/s])	-15.80	15.80	-0.34	8.92