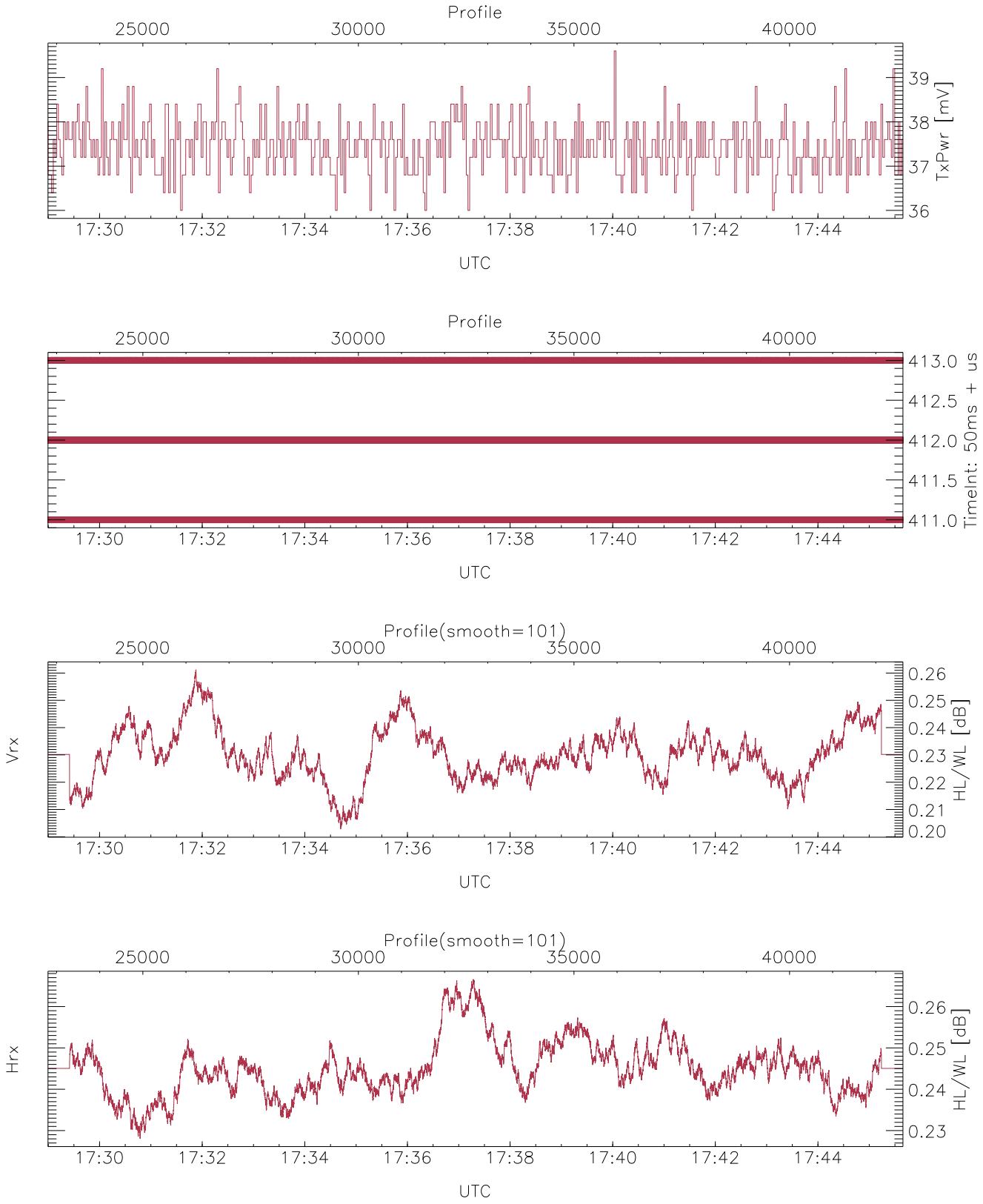
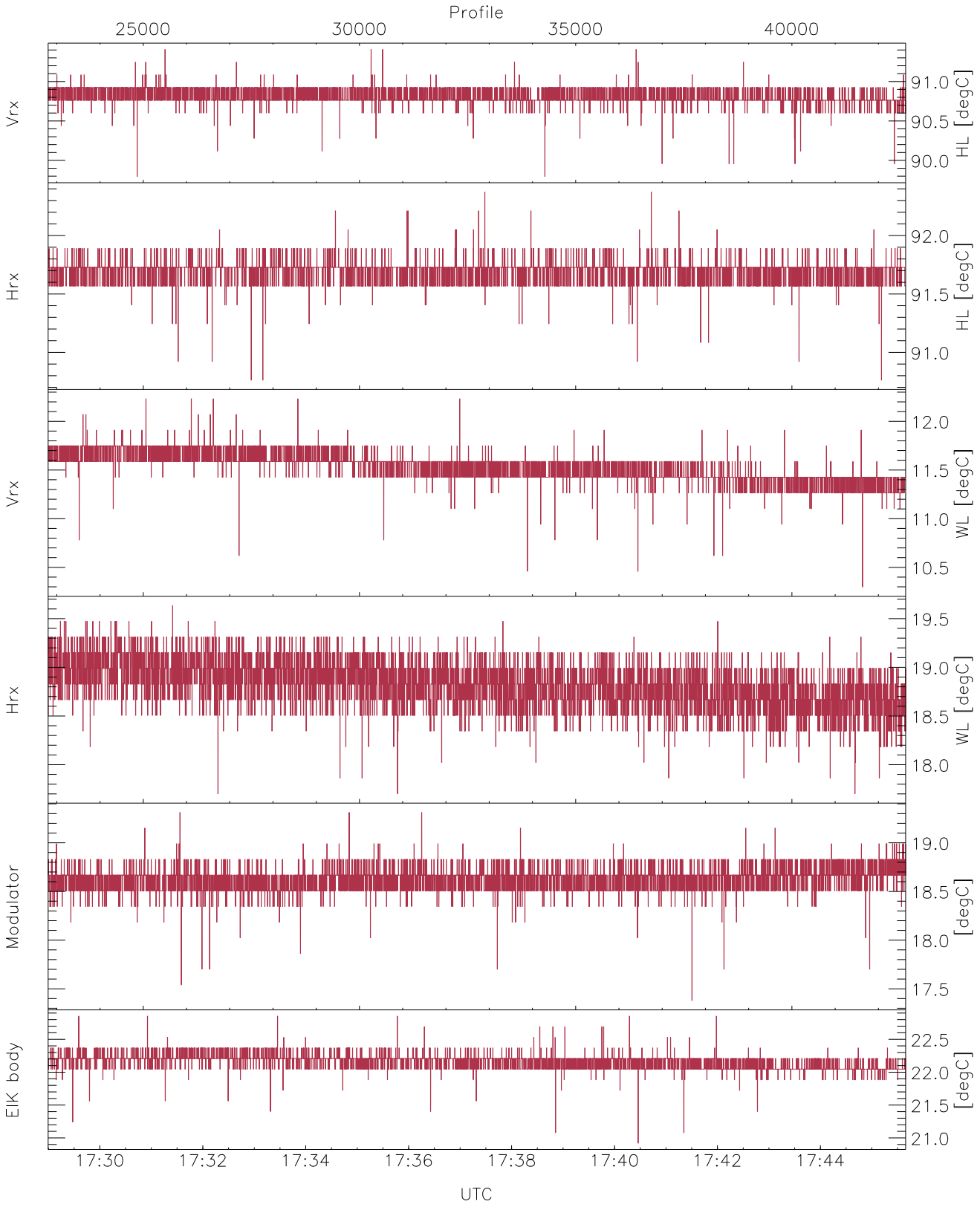


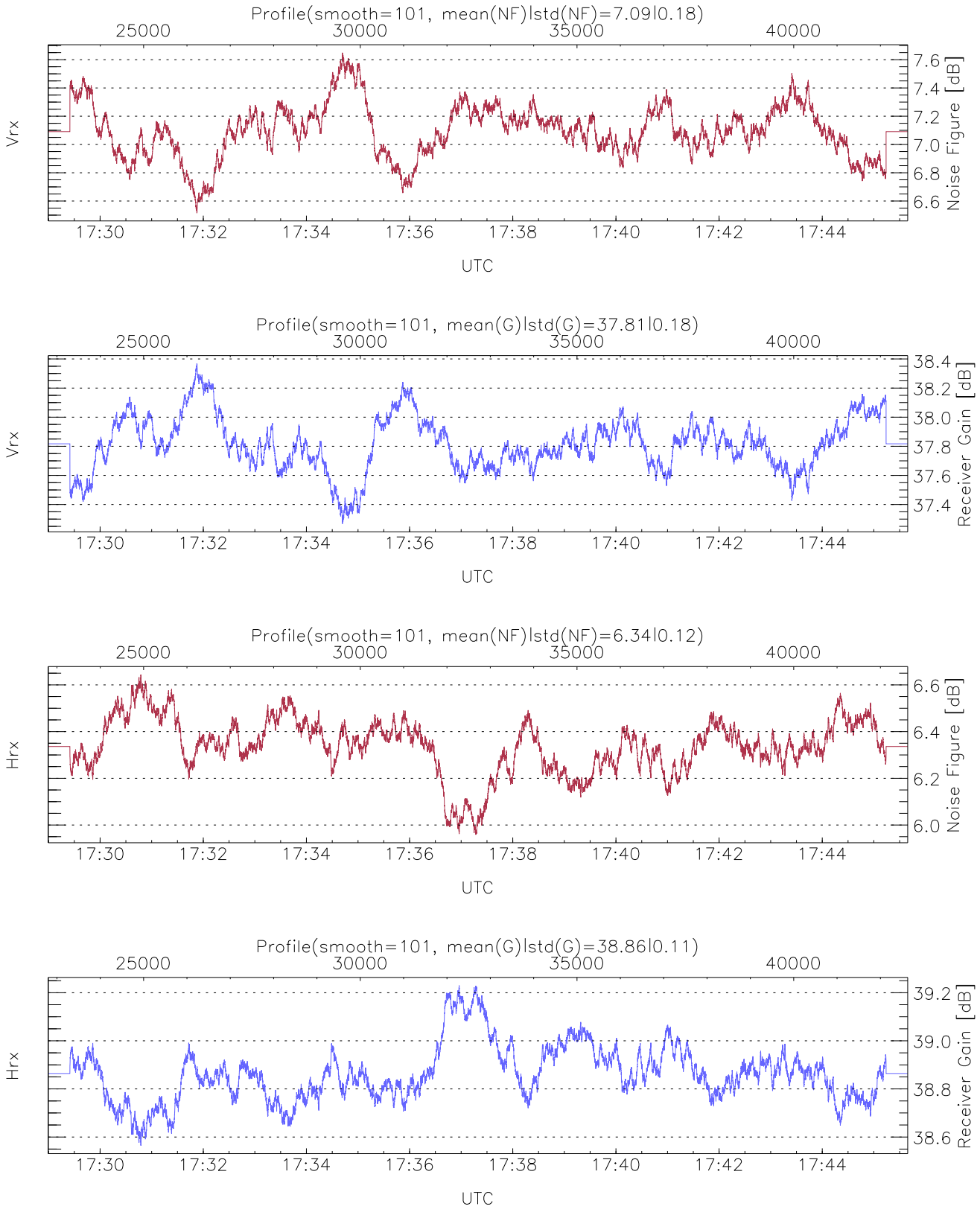
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 17:09:50-17:45:39, Dur: 2149.14s
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): 19832/42632, 22800-42631/17:29:00-17:45:39
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



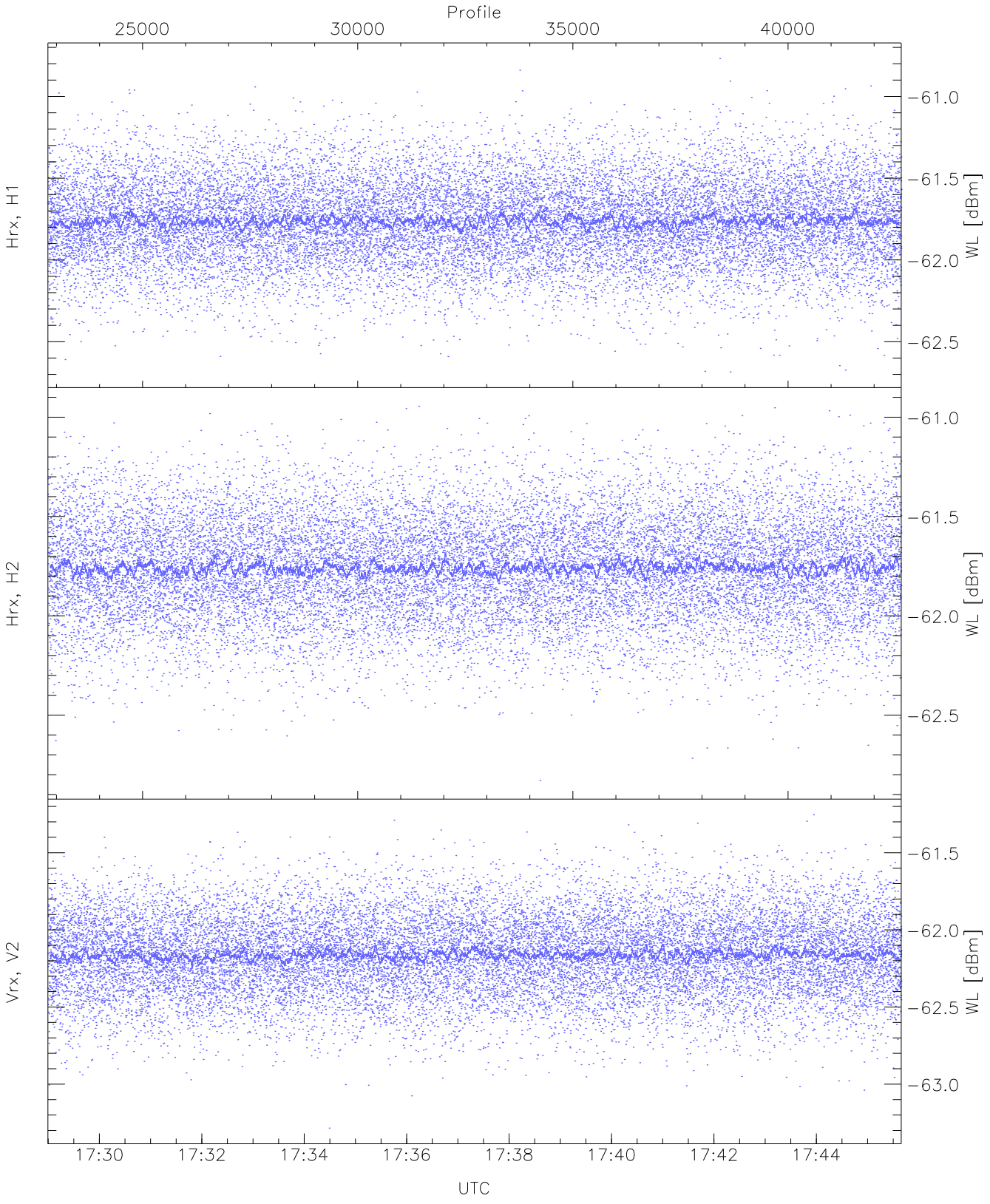
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 89,90,10,17,17,20
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,12,19,19,22
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty (5,5,5,10,10)



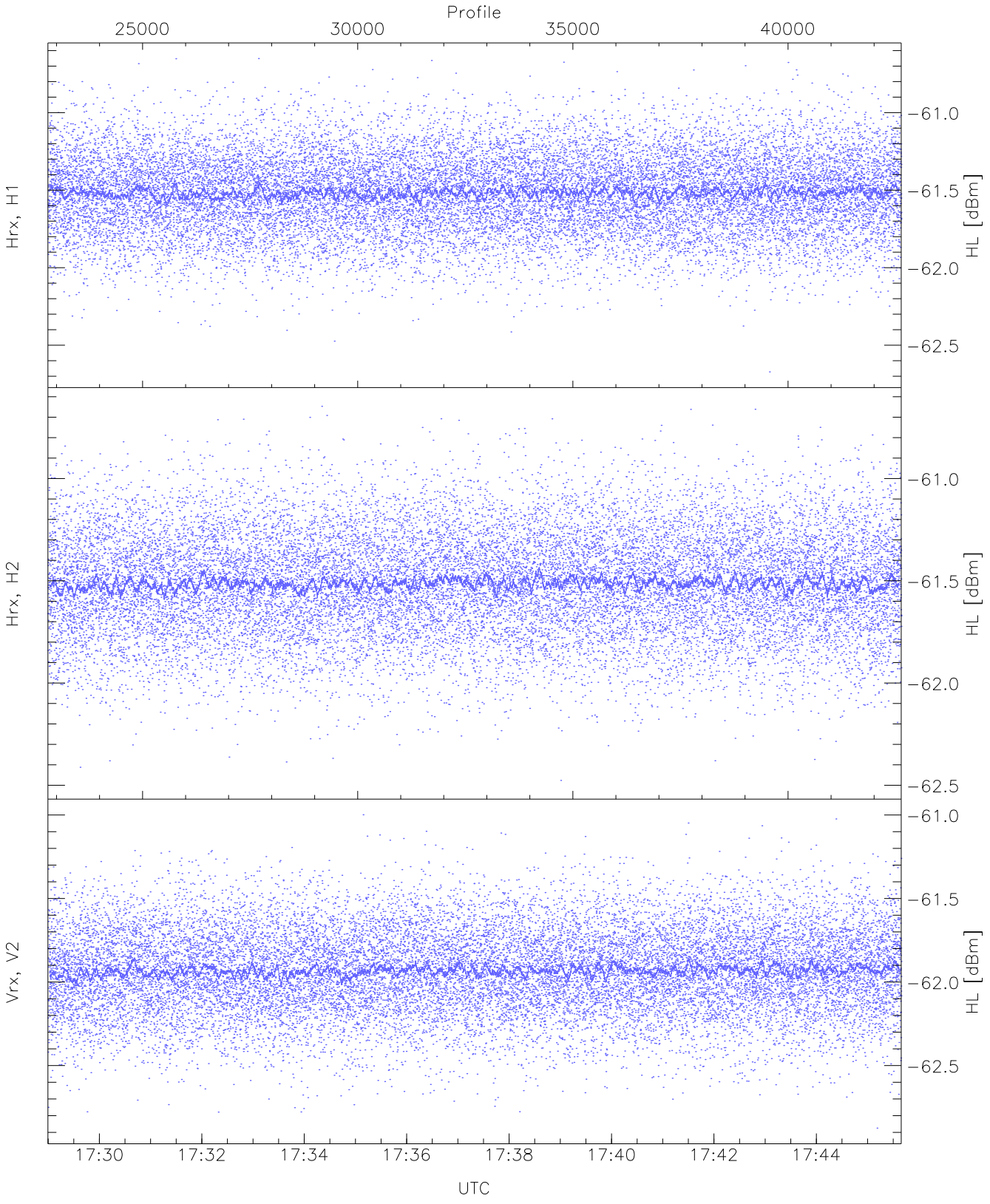
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 7493 pixs, 12 gates, 7491 profs, 1 prods



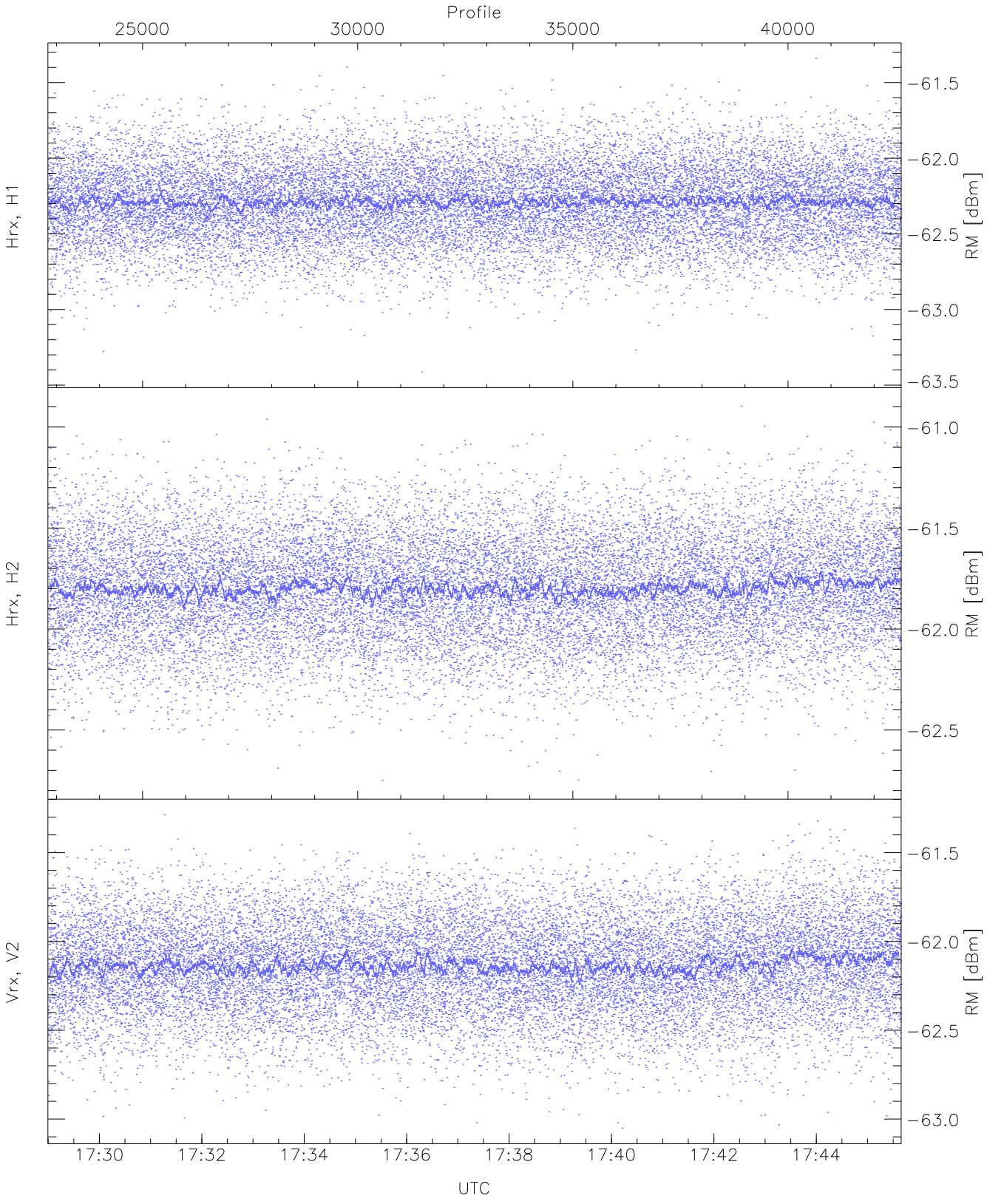
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.68	-60.77	-61.76	-61.77	-74.35
Hrx, H2(WL [dBm])	-62.83	-60.95	-61.75	-61.76	-74.35
Vrx, V2(WL [dBm])	-63.28	-61.25	-62.16	-62.16	-74.69



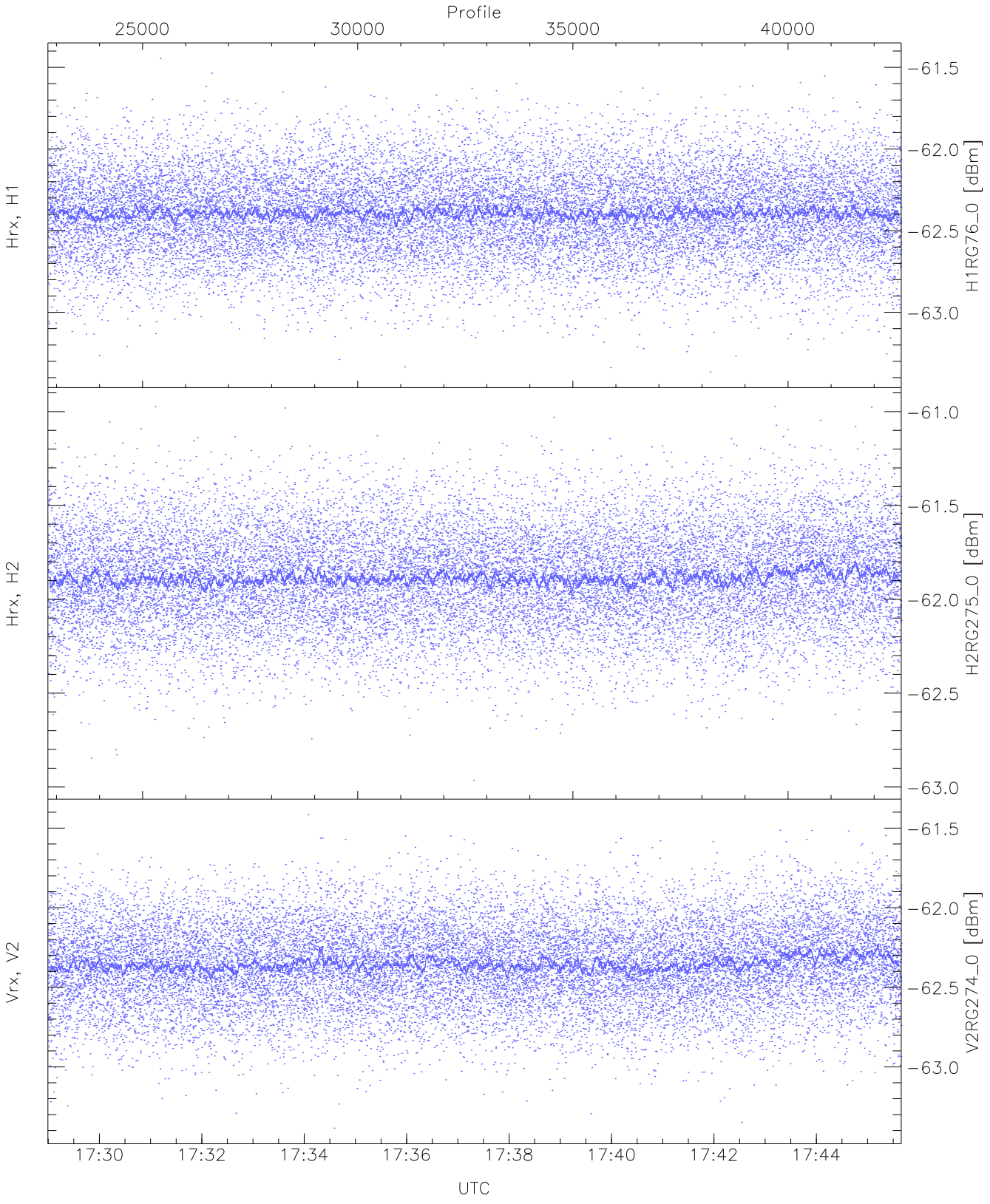
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.67	-60.65	-61.51	-61.51	-74.09
Hrx, H2(HL [dBm])	-62.48	-60.65	-61.51	-61.51	-74.10
Vrx, V2(HL [dBm])	-62.87	-61.00	-61.93	-61.94	-74.50



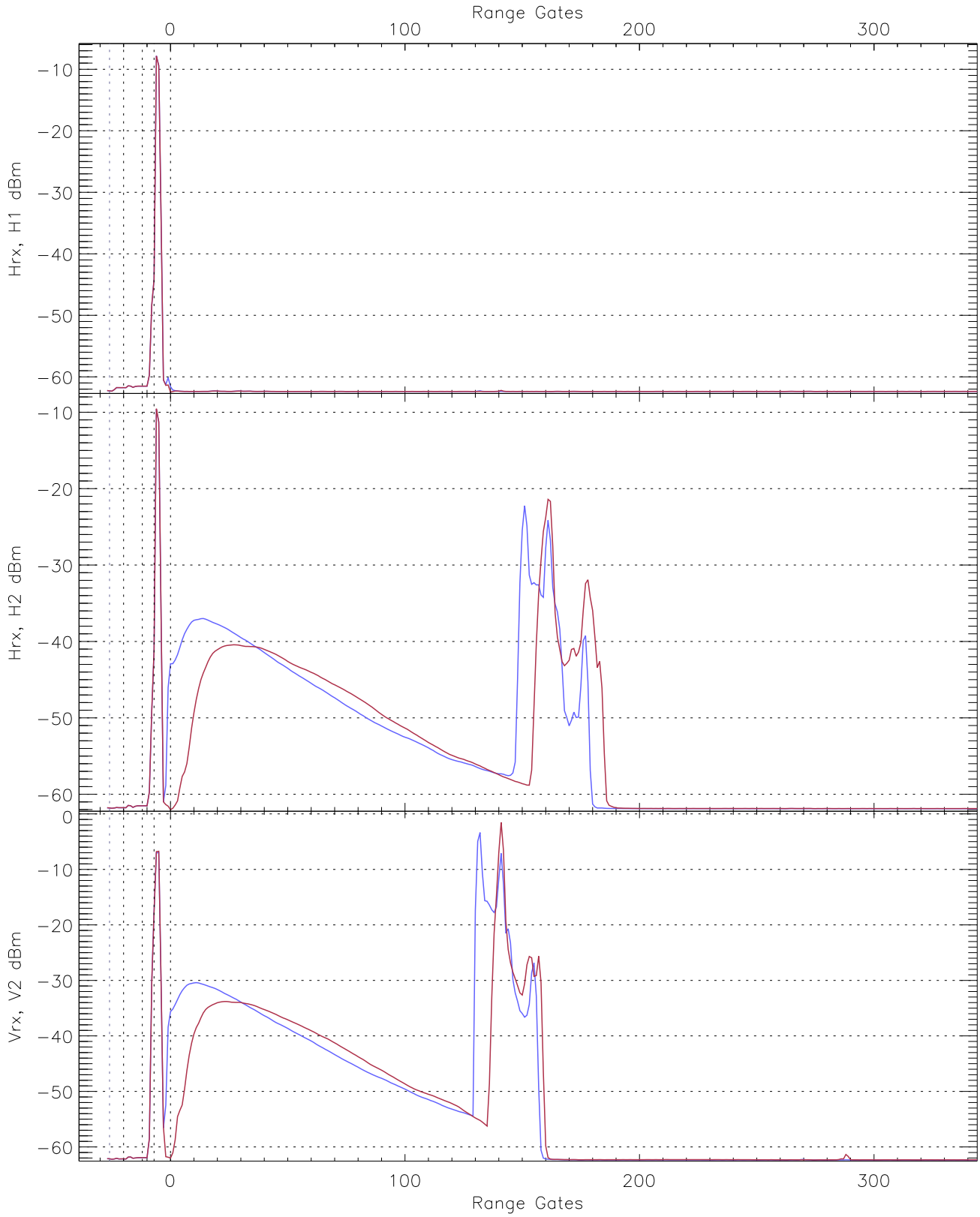
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.41	-61.34	-62.28	-62.29	-74.87
Hrx, H2(RM [dBm])	-62.75	-60.90	-61.80	-61.80	-74.35
Vrx, V2(RM [dBm])	-63.05	-61.29	-62.13	-62.14	-74.69

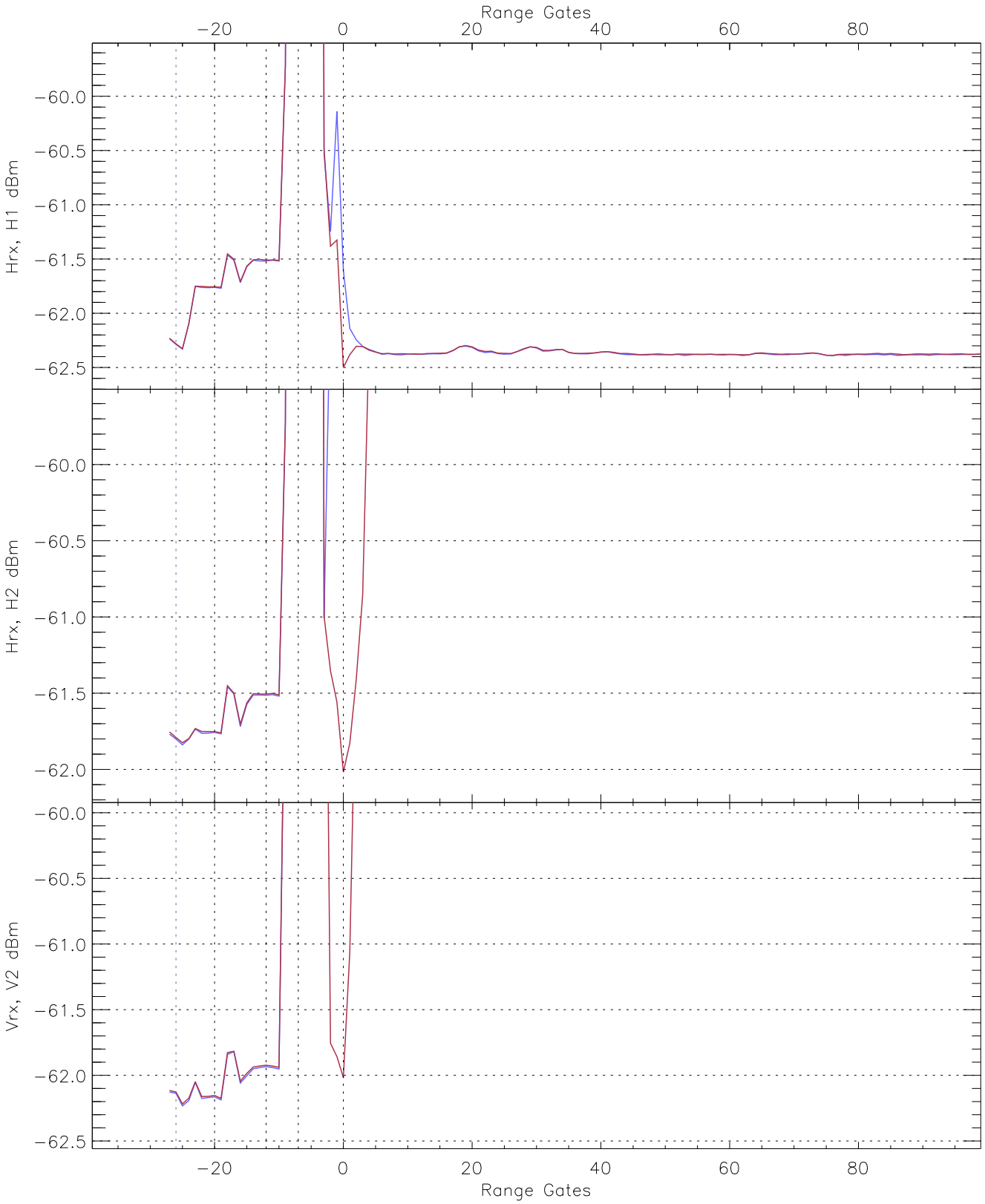


WCR2 CPP "Best" estimate Receivers Noise Power

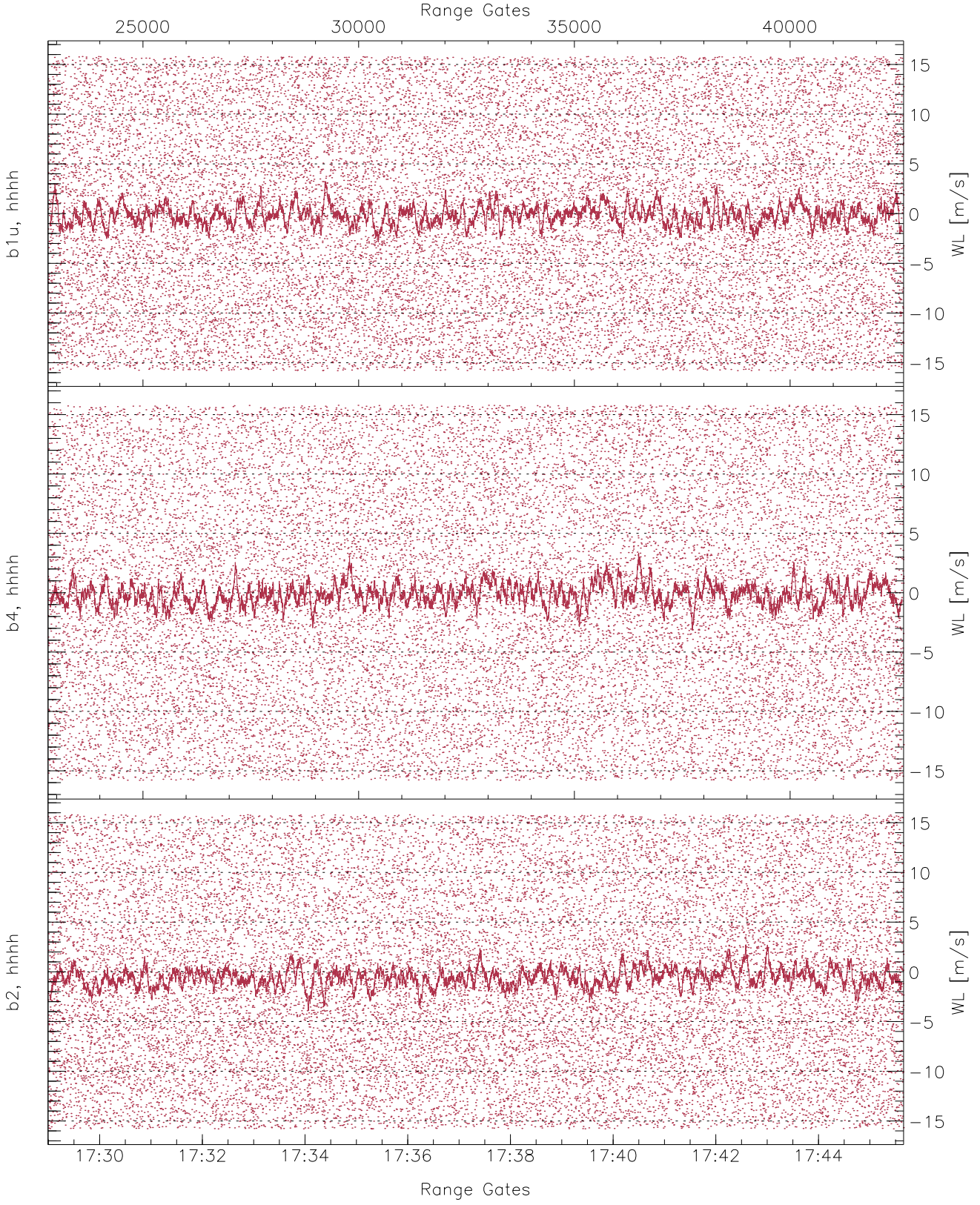
	Min	Max	Mean	Median	StDev
H1RG76_0 [dBm]	-63.36	-61.45	-62.39	-62.39	-74.92
H2RG275_0 [dBm]	-62.96	-60.97	-61.88	-61.89	-74.39
V2RG274_0 [dBm]	-63.38	-61.42	-62.35	-62.36	-74.88



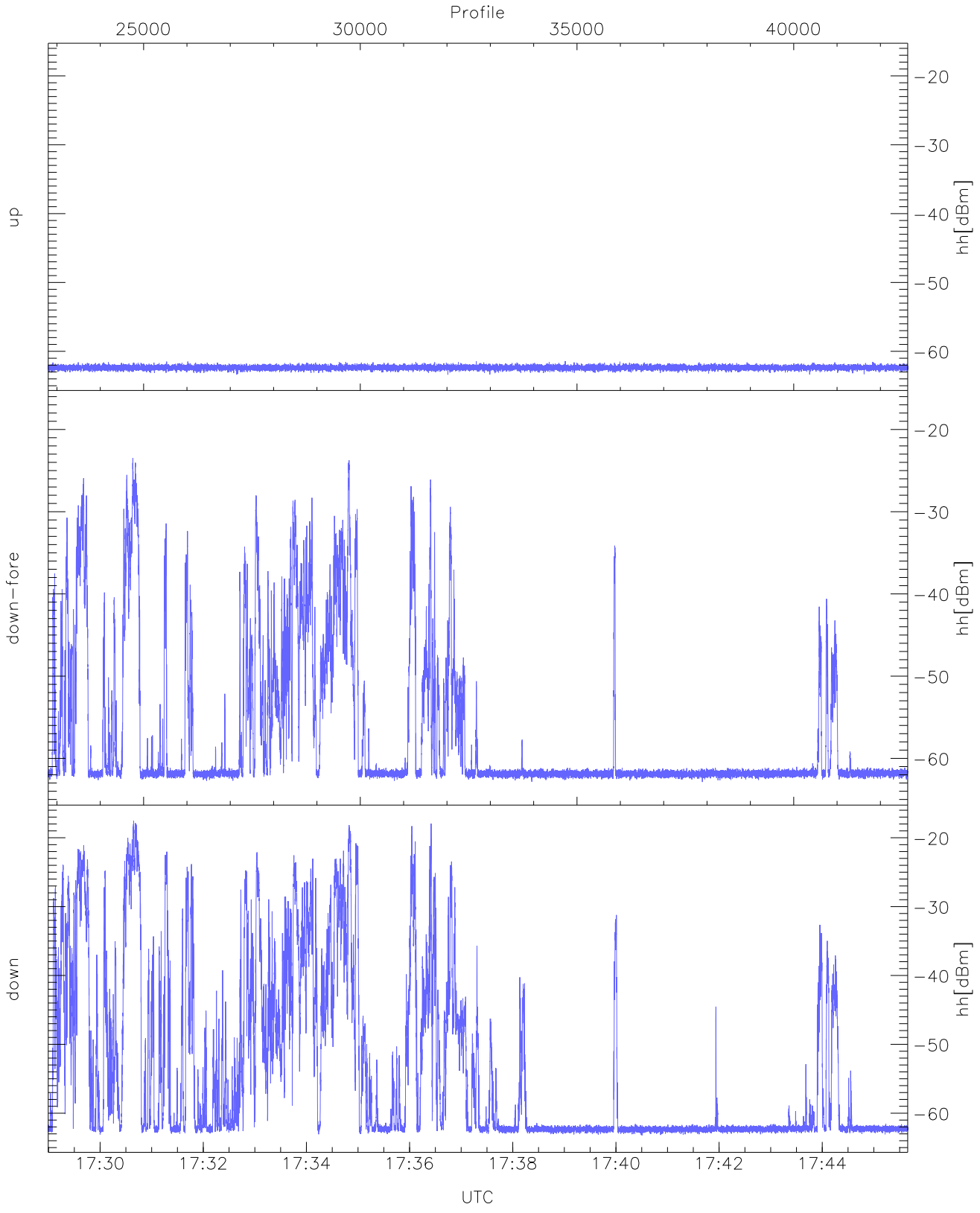
WCR2 CPP Averaged Received power for all recorded gates
blue: 172900-173720, 9917 profiles averaged
red: 173720-174539, 9916 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 172900-173720, 9917 profiles averaged
red: 173720-174539, 9916 profiles averaged

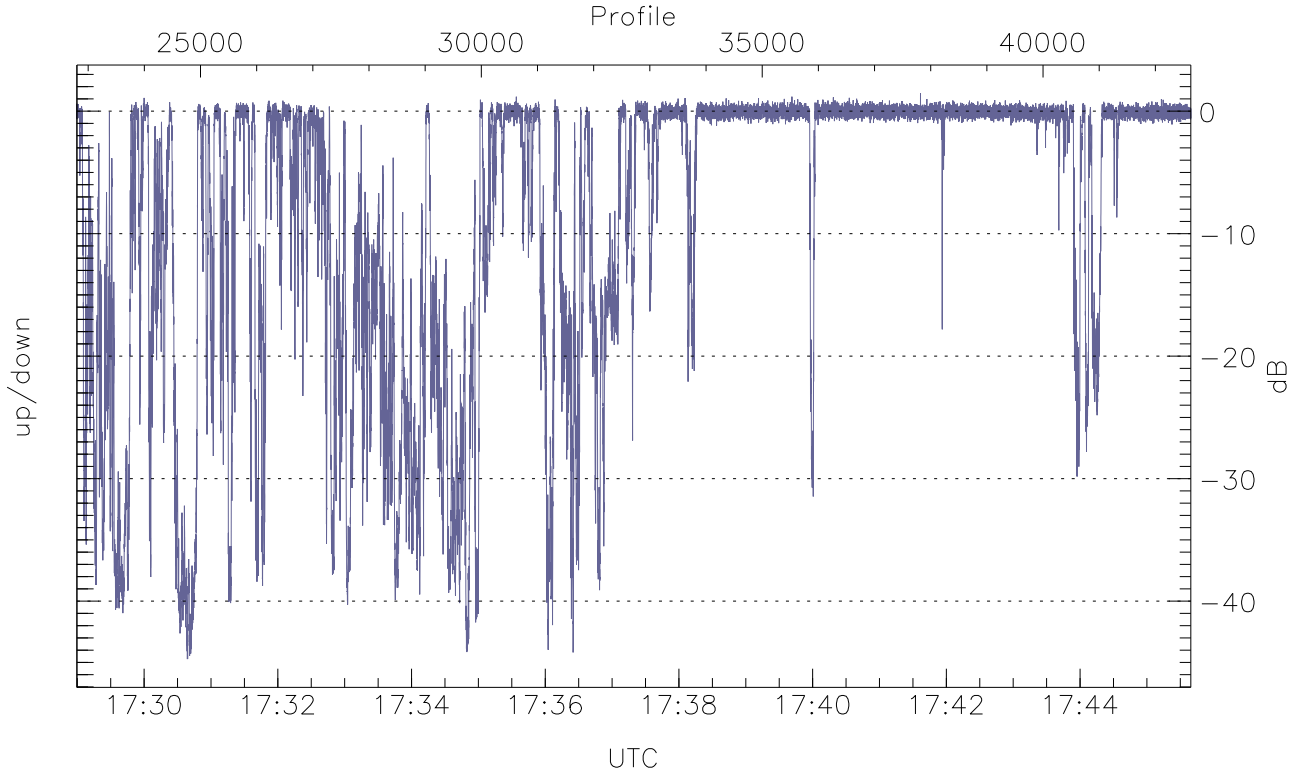


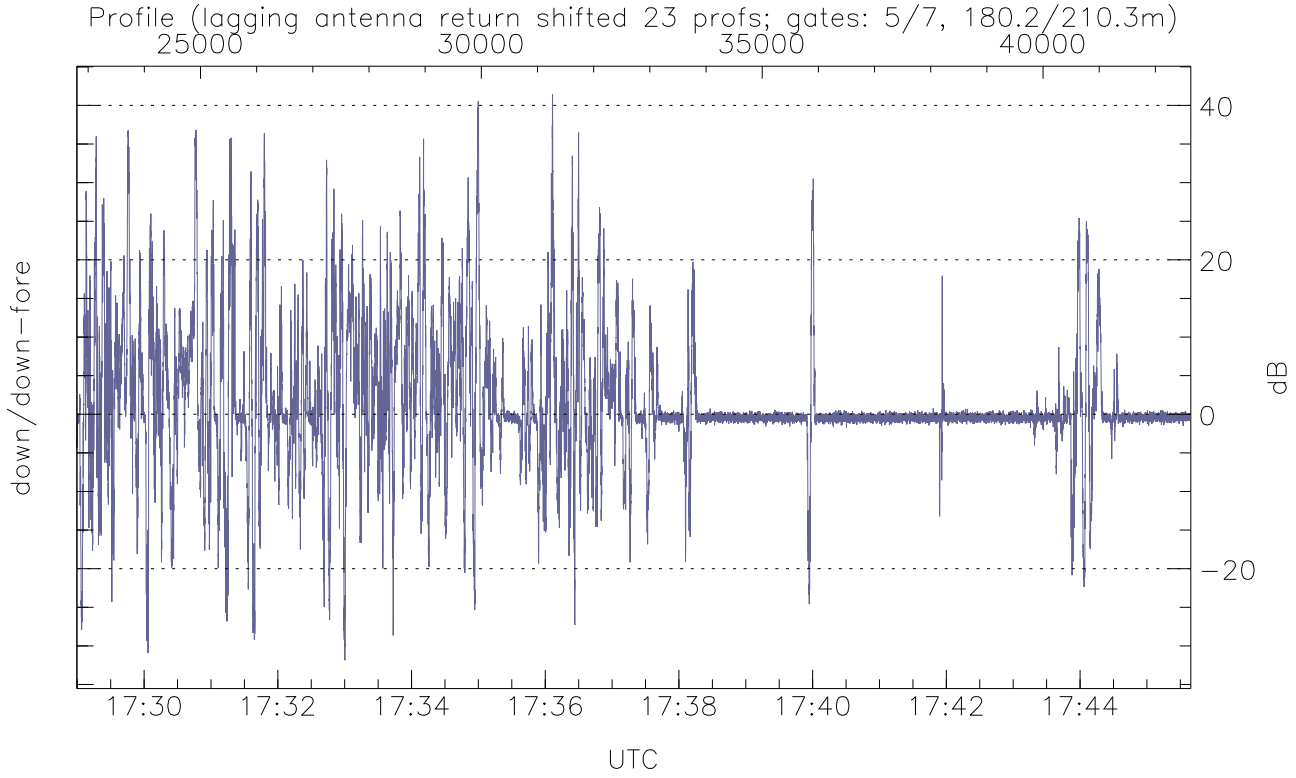
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

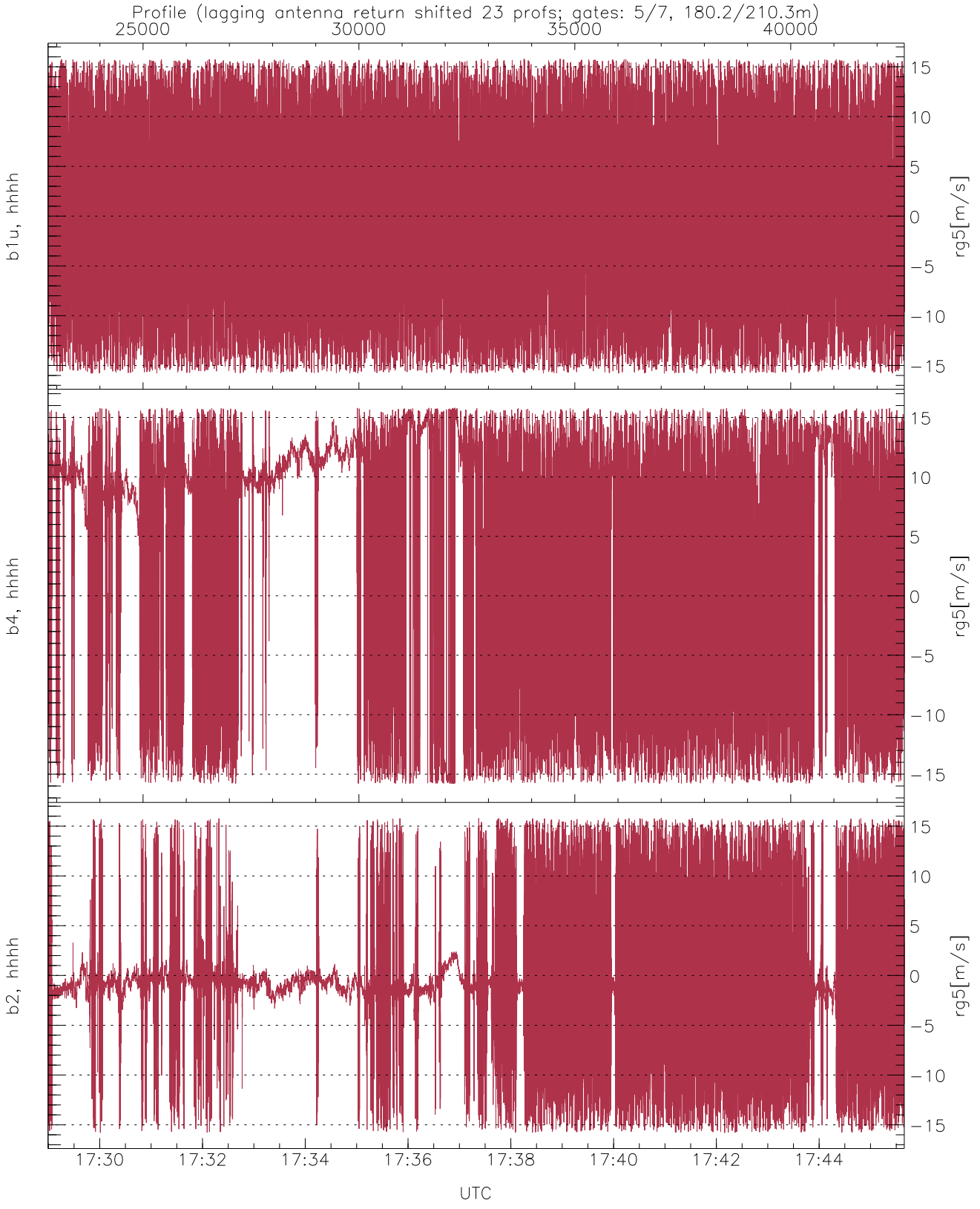
	Min	Max	Mean
up(hh[dBm])	-63.39	-61.42	-62.36
down-fore(hh[dBm])	-62.87	-23.46	-42.73
down(hh[dBm])	-63.22	-17.55	-34.81





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

	Min	Max	Mean
up/down(dB)	-44.73	1.46	-8.43
down/down-fore(dB)	-31.86	41.41	1.42



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.80	-0.27	8.94
b4, hhhh(rg5[m/s])	-15.80	15.80	3.08	9.50
b2, hhhh(rg5[m/s])	-15.79	15.80	-0.77	6.57