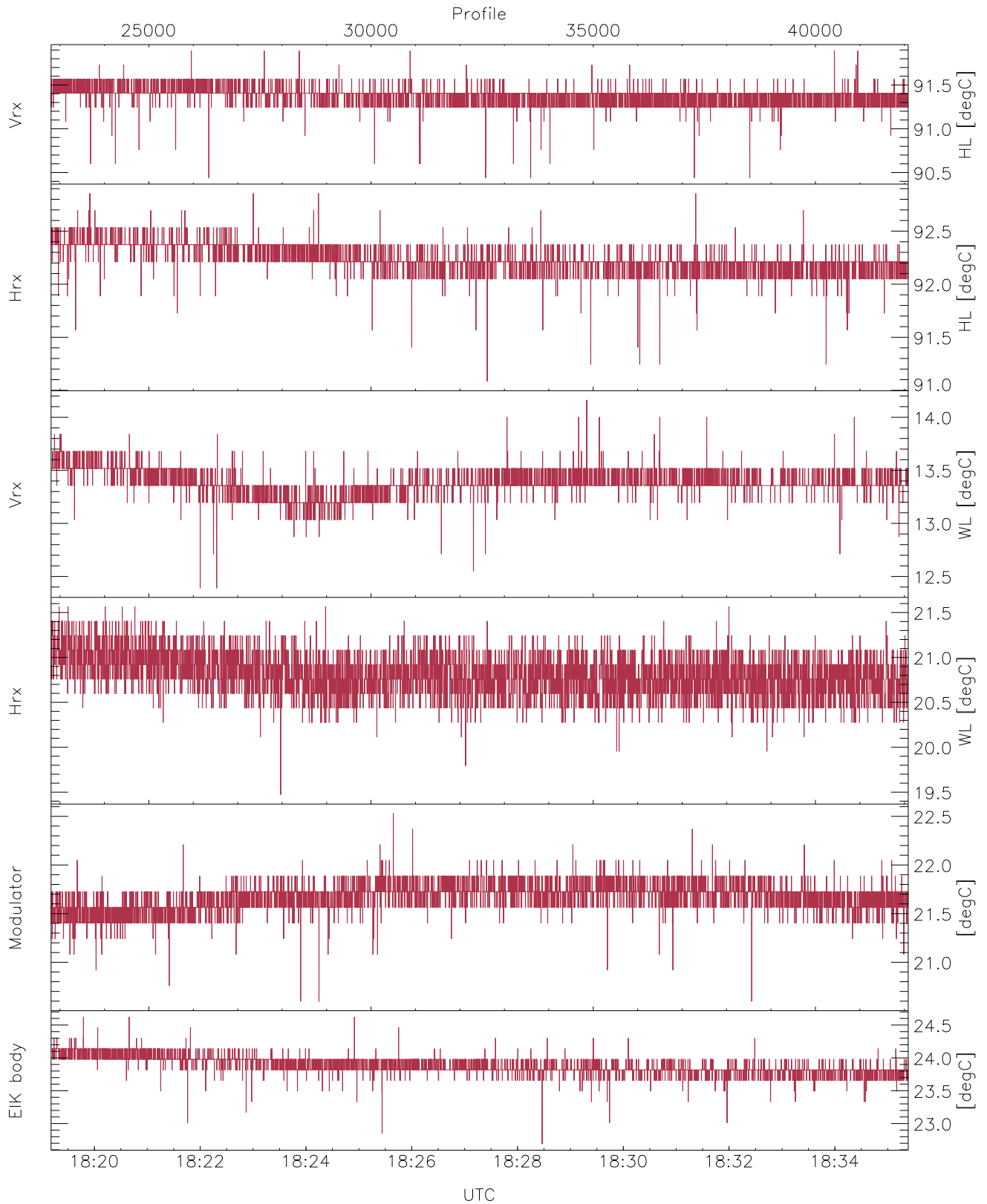


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

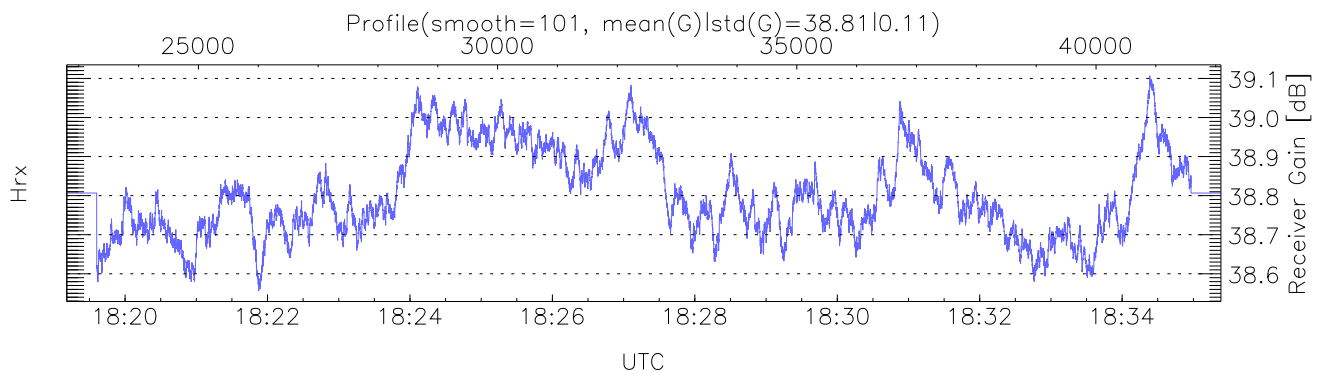
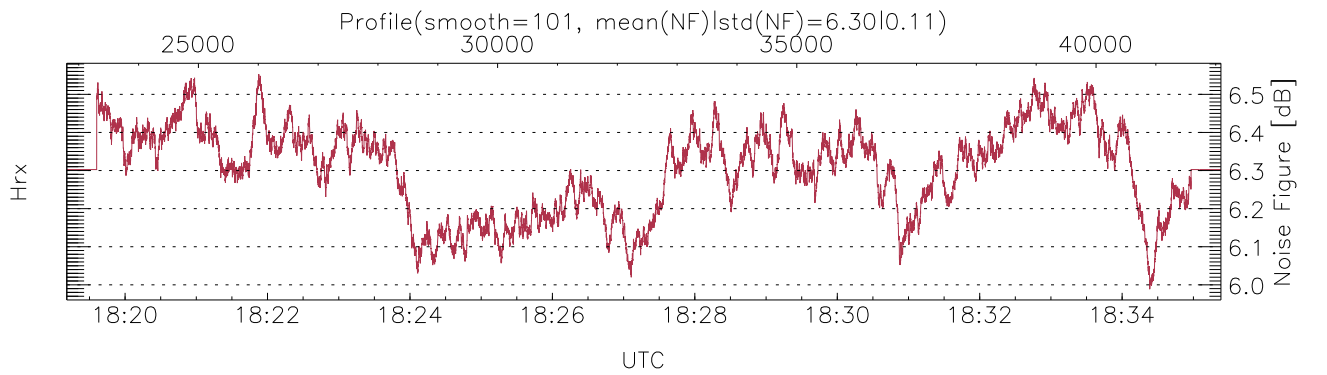
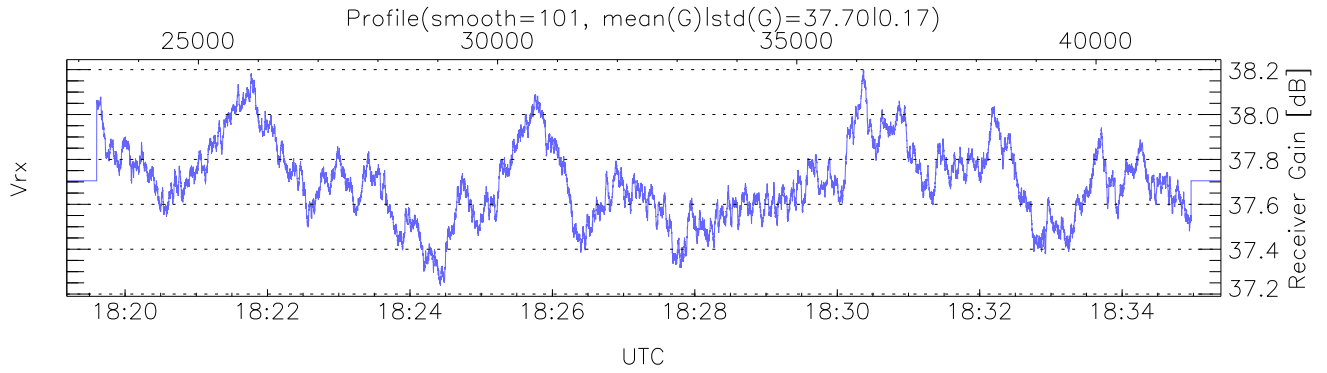
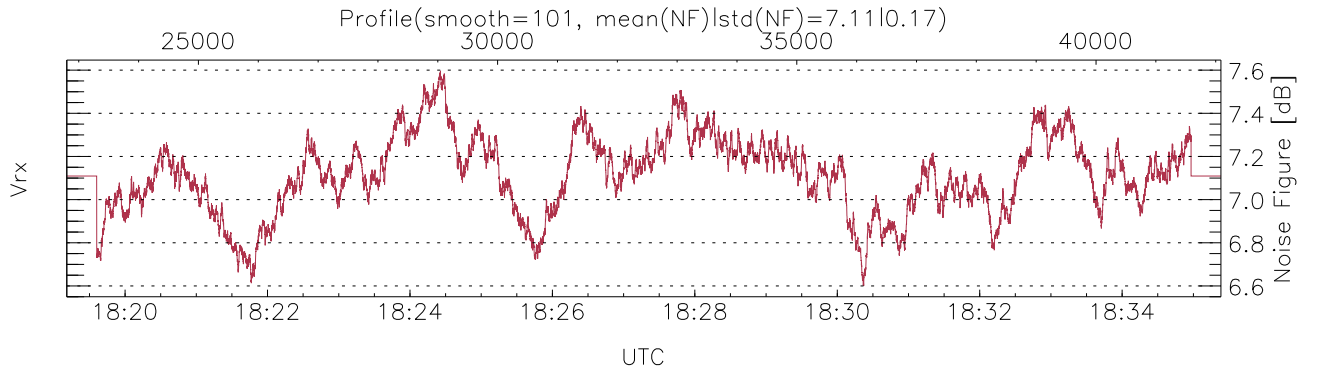
UTC: 18:00:01-18:35:23, Dur: 2121.77s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
 NumRec(r/t): 19289/42089, 22800-42088/18:19:11-18:35:23
 AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
 Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
 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|sidelup|error): 1



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

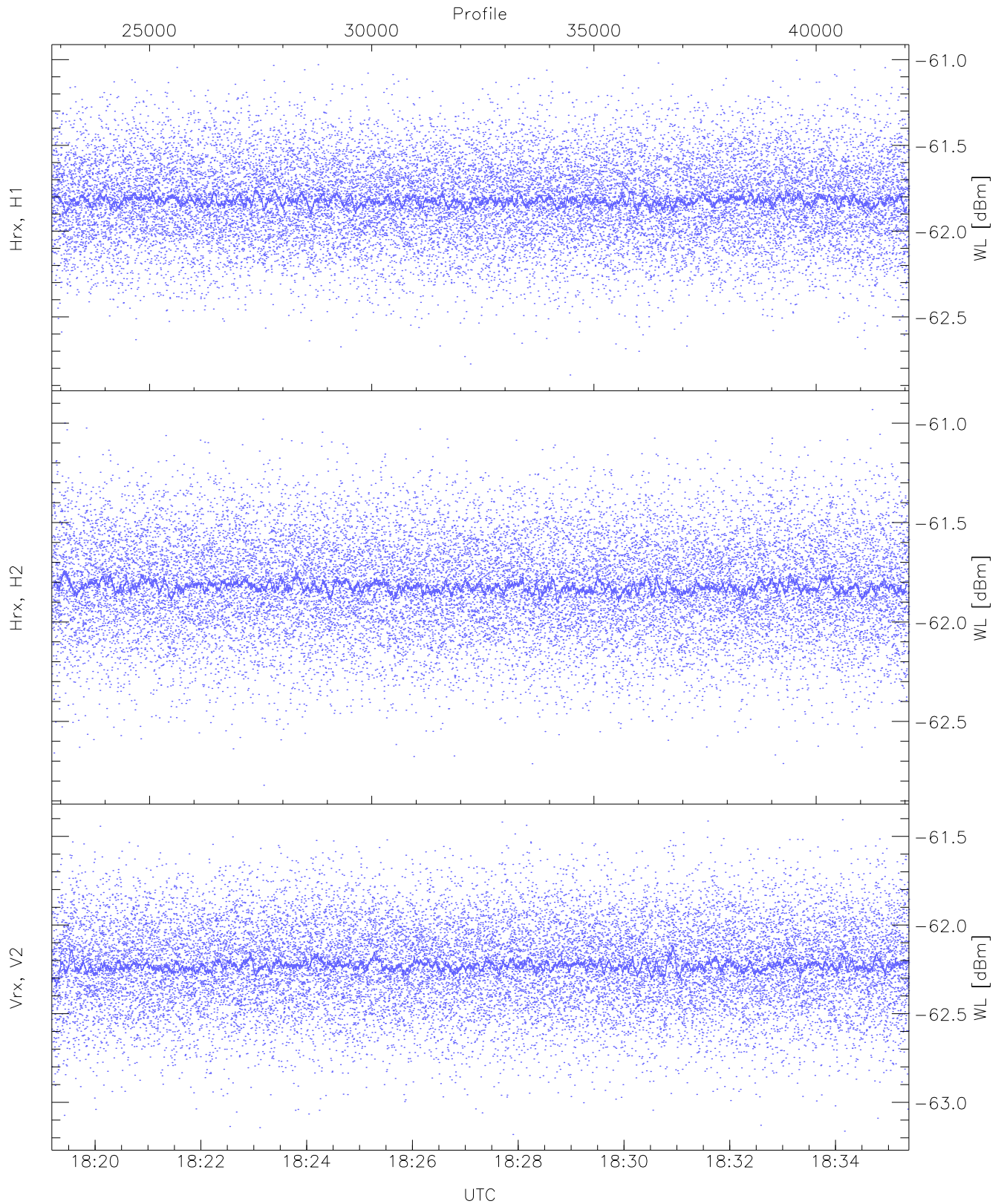
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,12,19,20,22
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,14,21,22,24
 LOalarm(20,80,240,2.8,14.8 MHz): None

EIK Faults(# prof affected):
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (10,10,15,10,15,5)



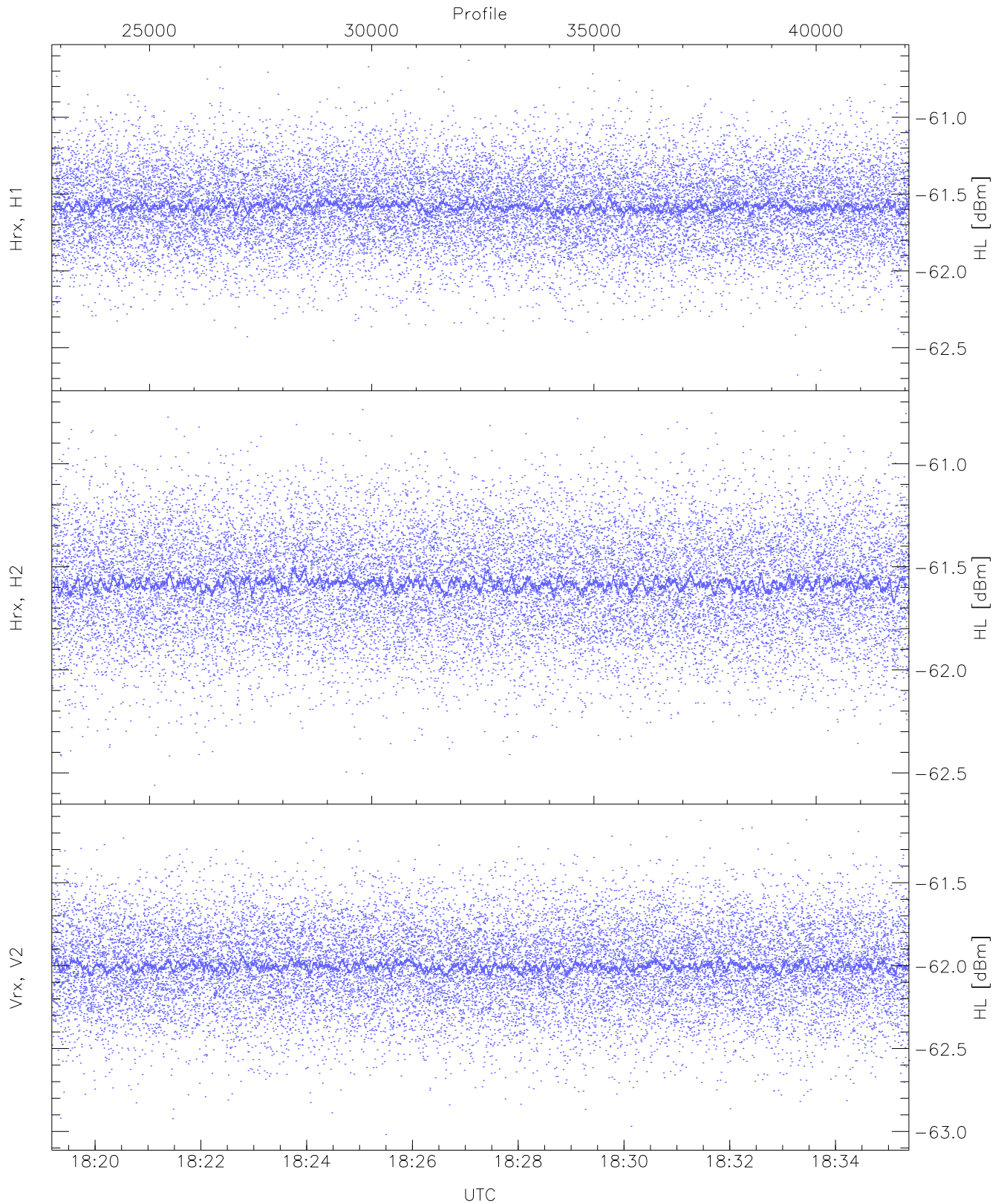
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 1144 pixs, 34 gates, 1026 profs, 2 prods



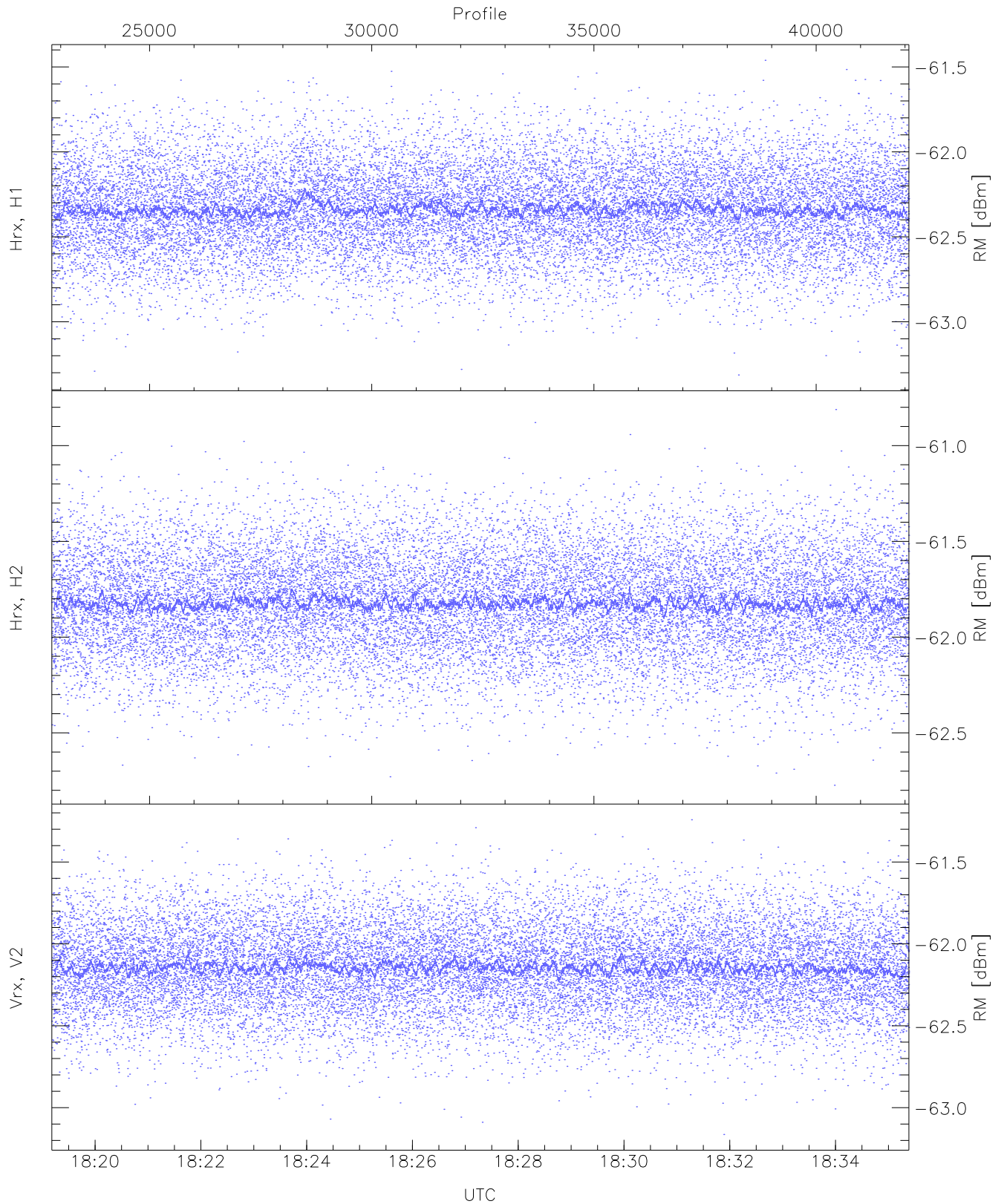
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.84	-61.00	-61.82	-61.82	-74.41
Hrx, H2(WL [dBm])	-62.82	-60.93	-61.82	-61.83	-74.38
Vrx, V2(WL [dBm])	-63.18	-61.41	-62.22	-62.23	-74.78



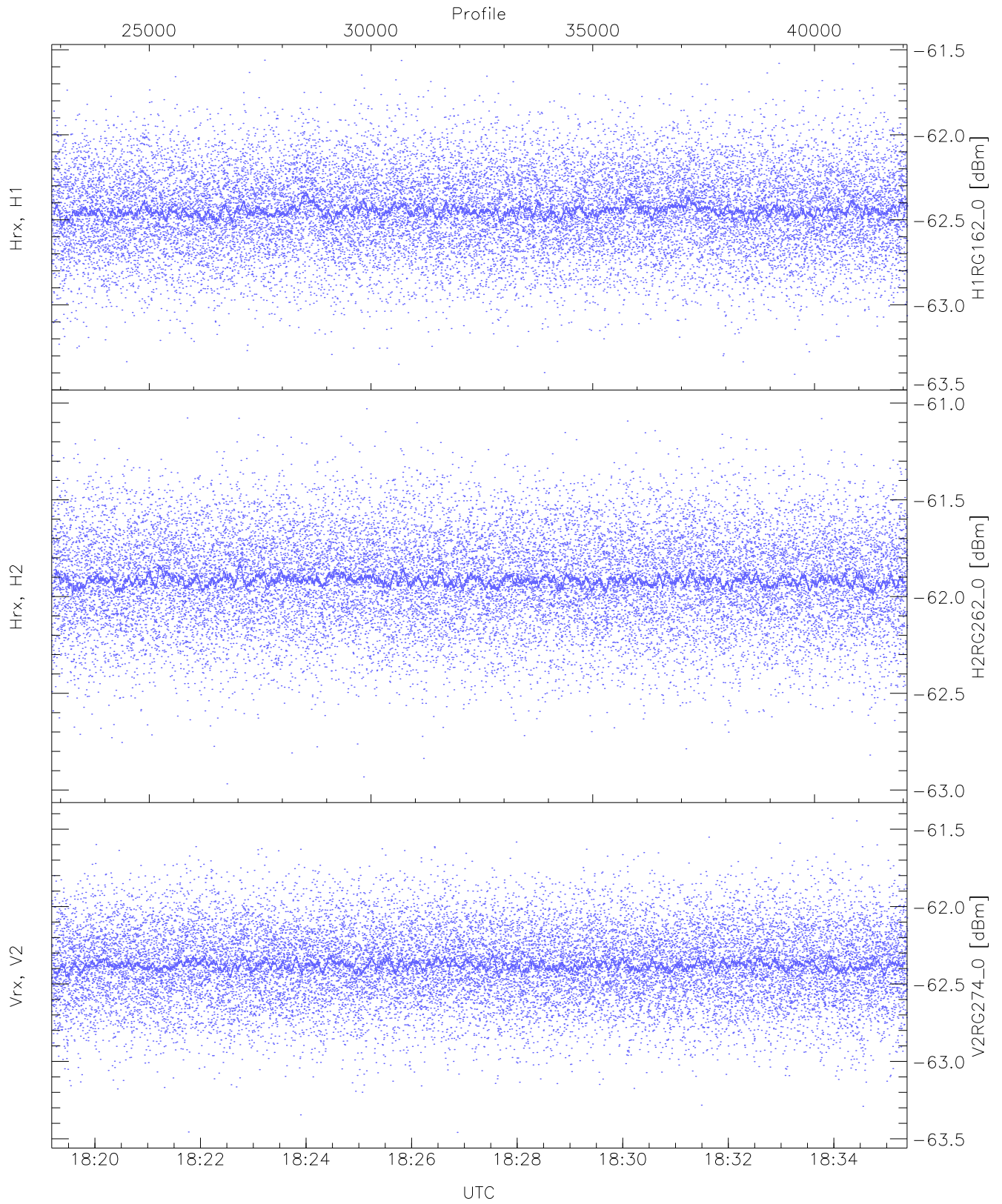
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.68	-60.63	-61.58	-61.58	-74.12
Hrx, H2 (HL [dBm])	-62.56	-60.74	-61.58	-61.58	-74.17
Vrx, V2 (HL [dBm])	-63.02	-61.12	-62.00	-62.01	-74.57



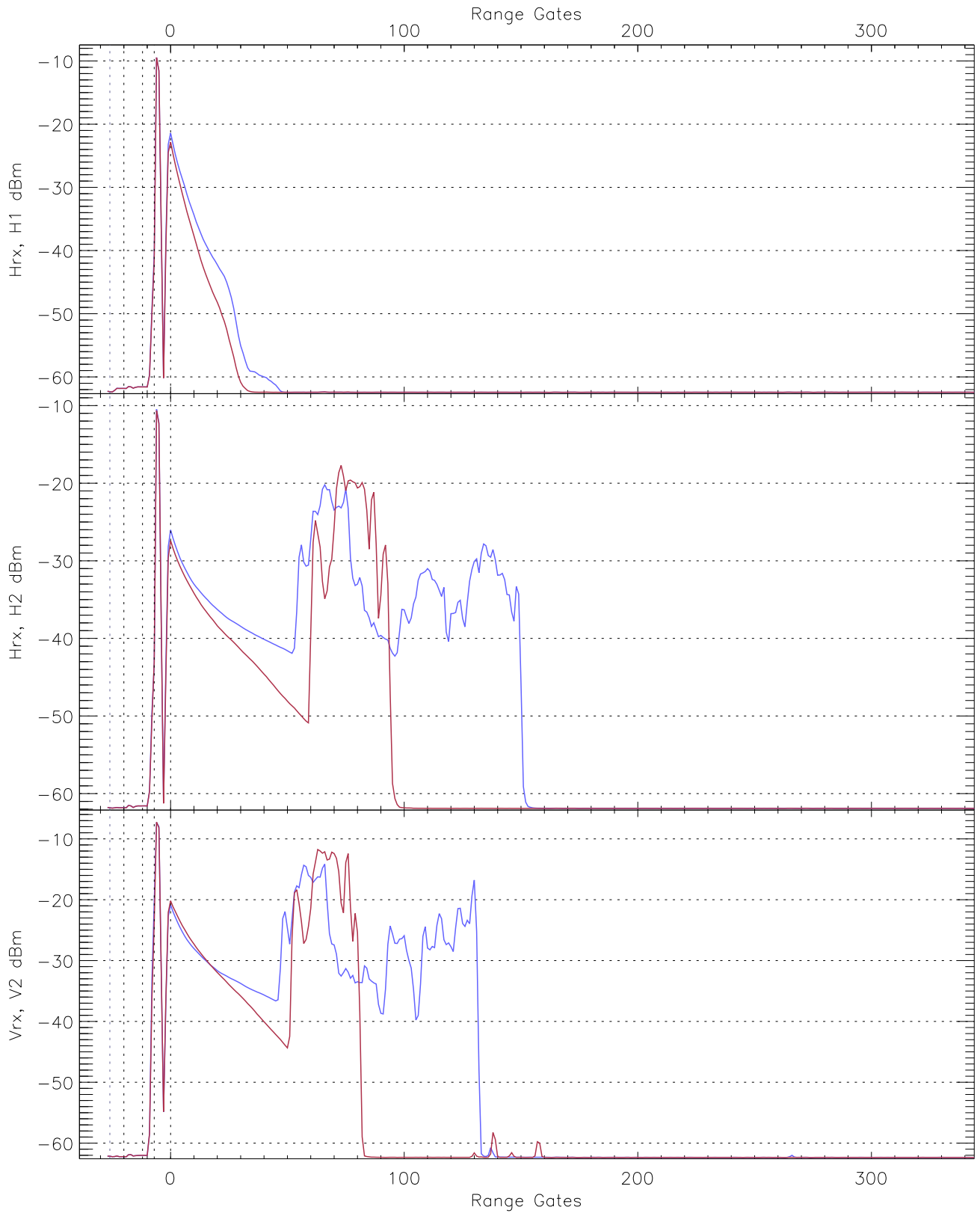
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.31	-61.46	-62.34	-62.34	-74.89
Hrx, H2 (RM [dBm])	-62.77	-60.81	-61.82	-61.83	-74.35
Vrx, V2 (RM [dBm])	-63.16	-61.24	-62.14	-62.15	-74.70

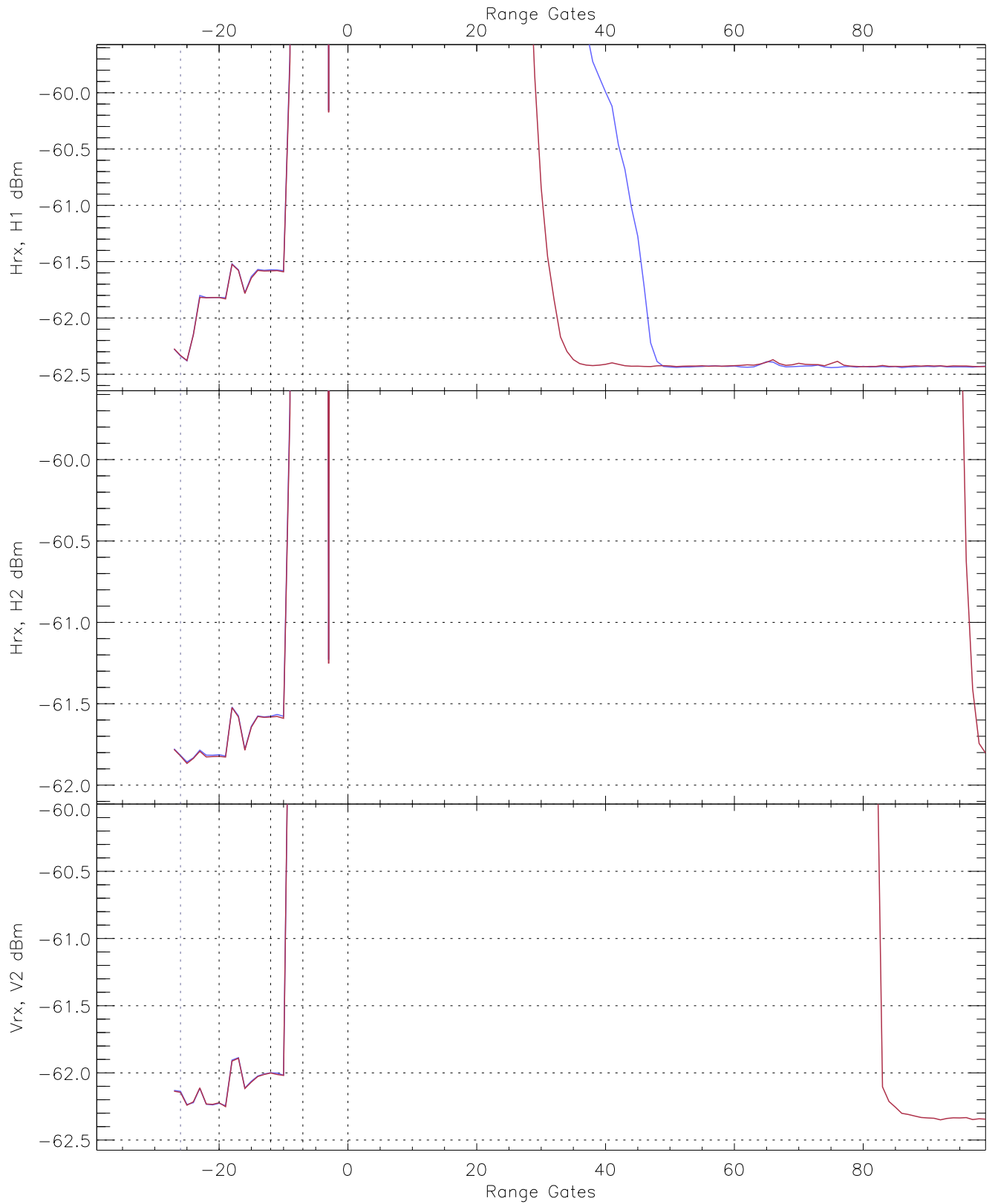


WCR2 CPP "Best" estimate Receivers Noise Power

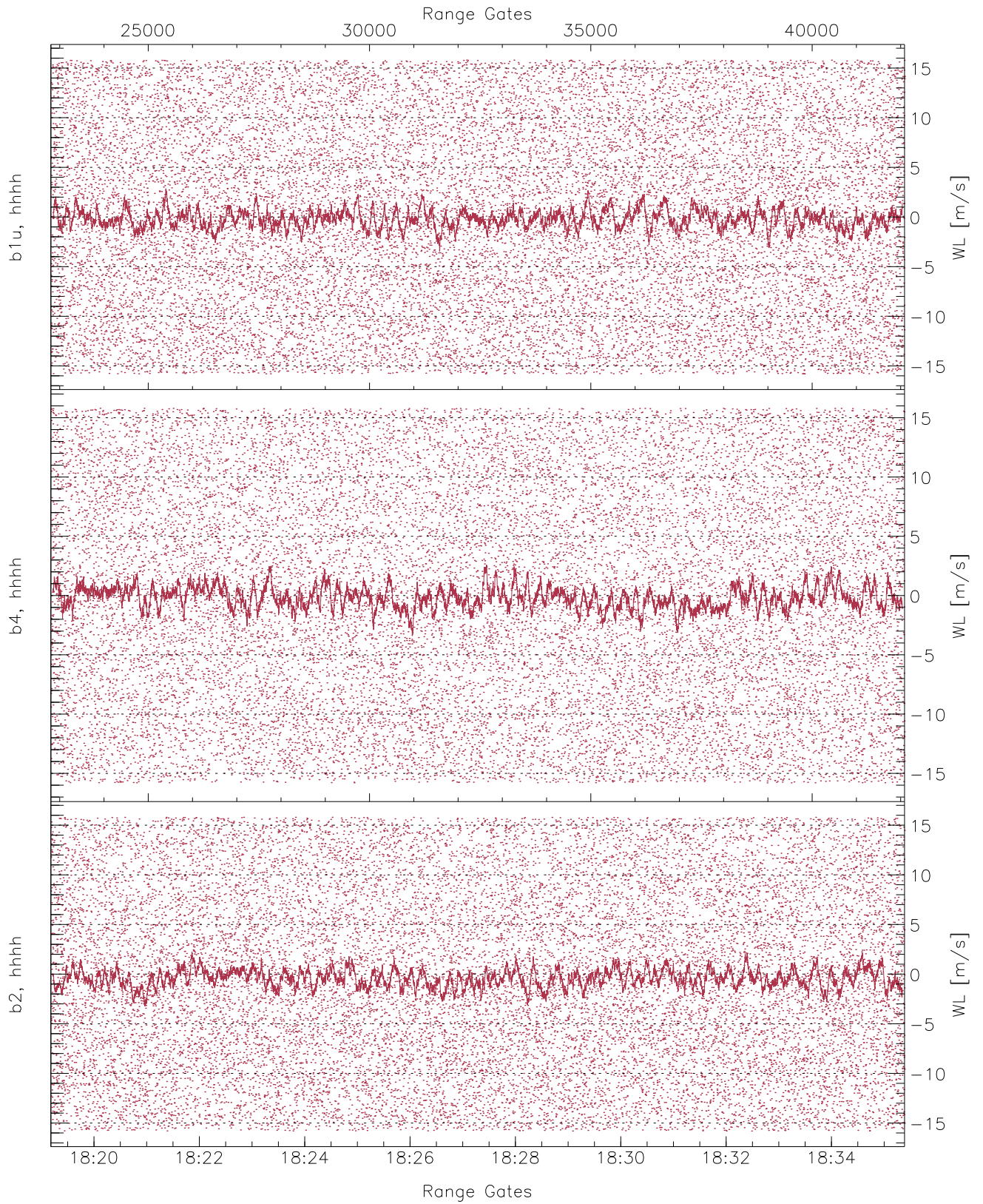
	Min	Max	Mean	Median	StDev
H1RG162_0 [dBm]	-63.41	-61.56	-62.44	-62.45	-75.03
H2RG262_0 [dBm]	-62.97	-61.03	-61.91	-61.92	-74.49
V2RG274_0 [dBm]	-63.46	-61.43	-62.37	-62.38	-74.92



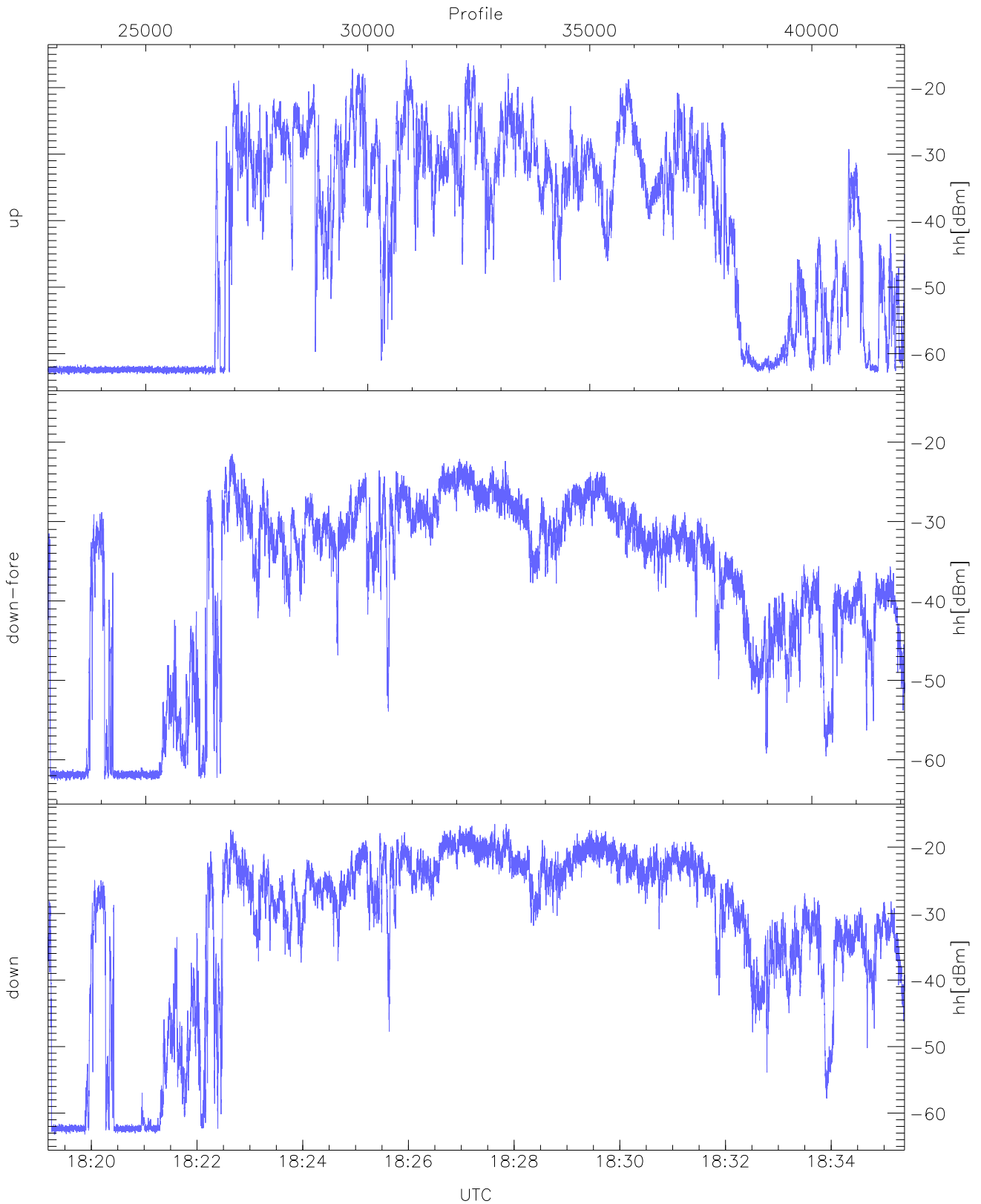
WCR2 CPP Averaged Received power for all recorded gates
blue: 181911-182717, 9645 profiles averaged
red: 182717-183523, 9645 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 181911-182717, 9645 profiles averaged
red: 182717-183523, 9645 profiles averaged

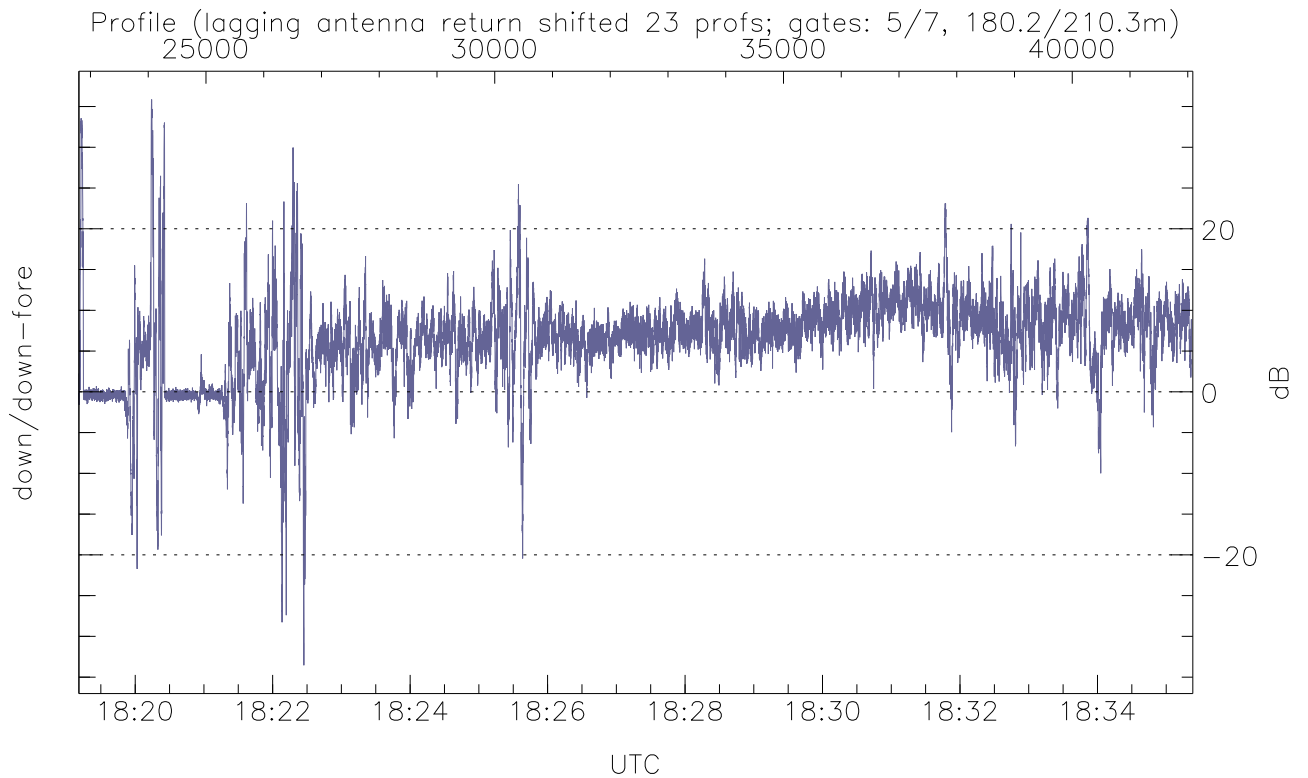
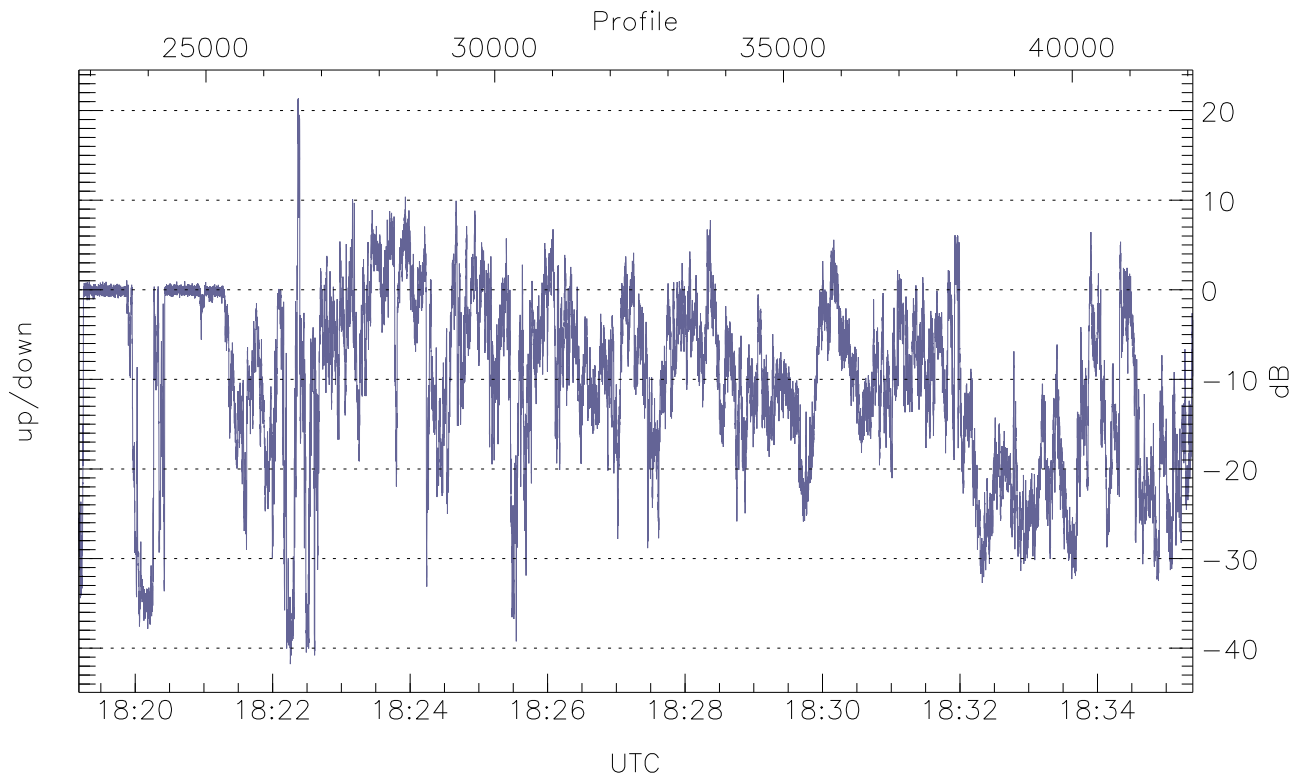


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



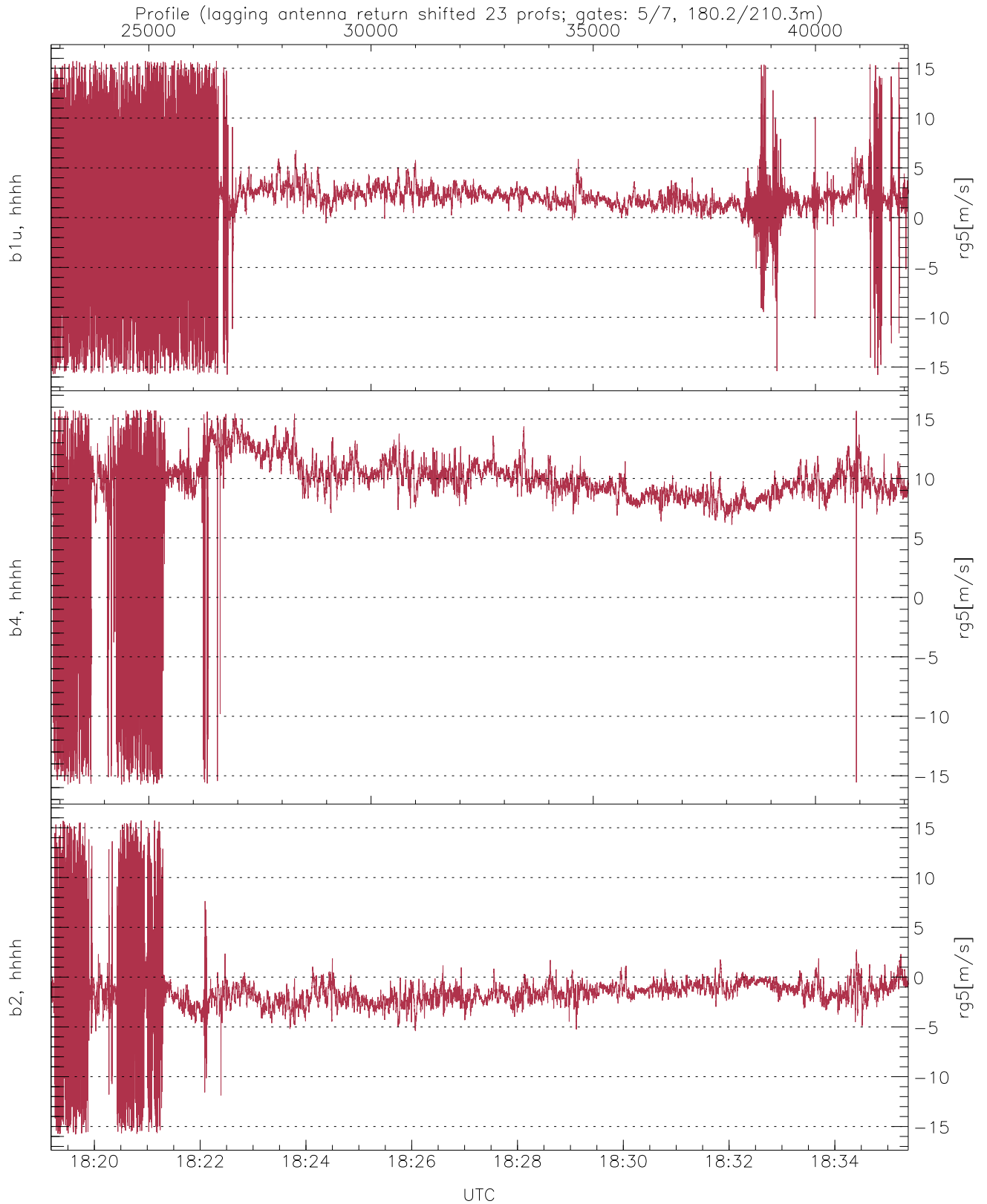
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.21	-15.90	-29.64
down-fore(hh[dBm])	-62.67	-21.49	-30.78
down(hh[dBm])	-63.21	-16.52	-24.72



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

	Min	Max	Mean
up/down (dB)	-41.77	21.37	-10.24
down/down-fore (dB)	-33.54	35.86	6.48



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.79	15.79	1.62	4.28
b4, hhhh(rg5[m/s])	-15.74	15.78	9.02	4.41
b2, hhhh(rg5[m/s])	-15.79	15.73	-1.55	2.77