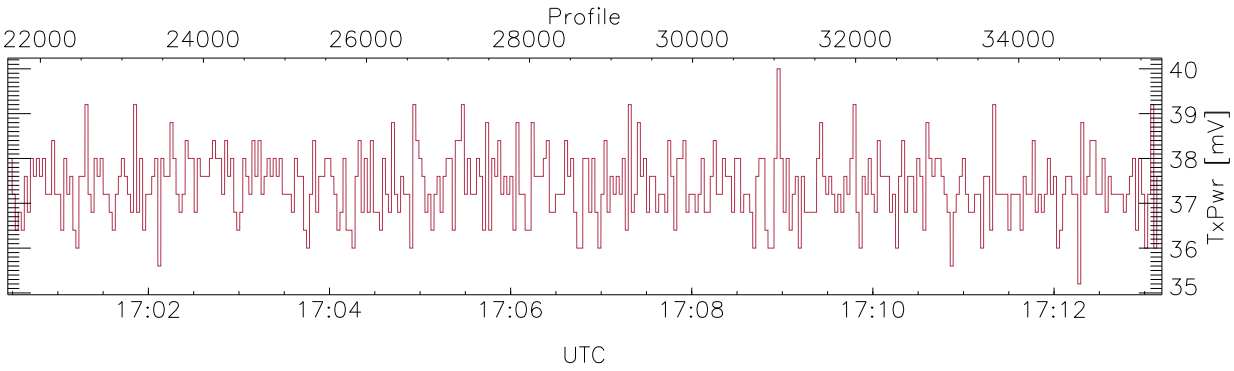
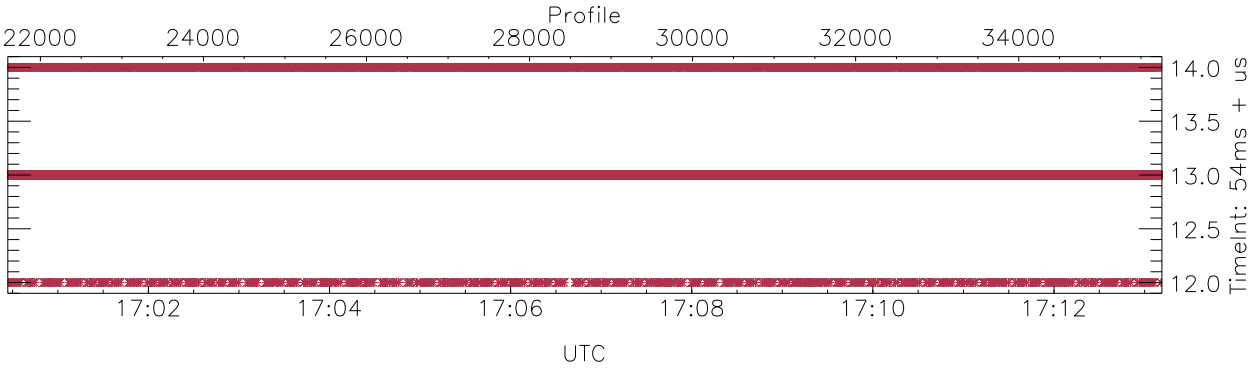
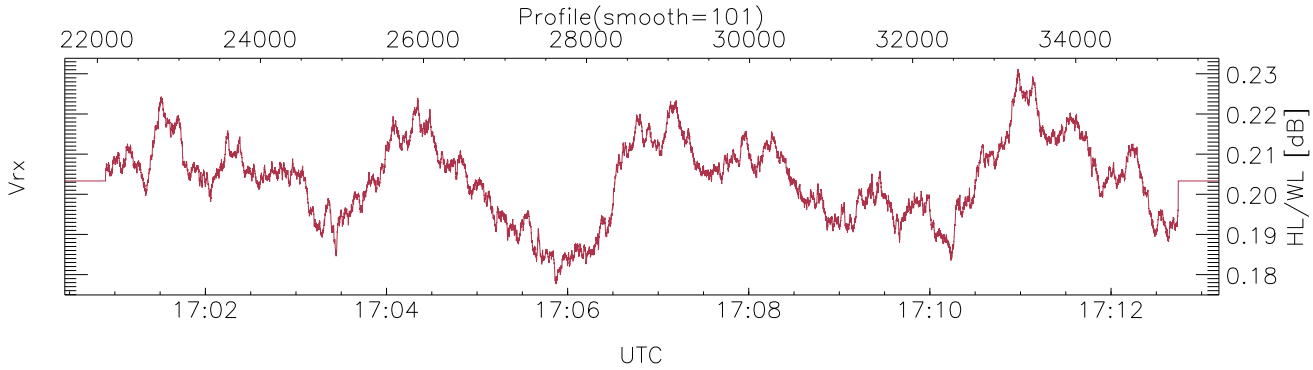
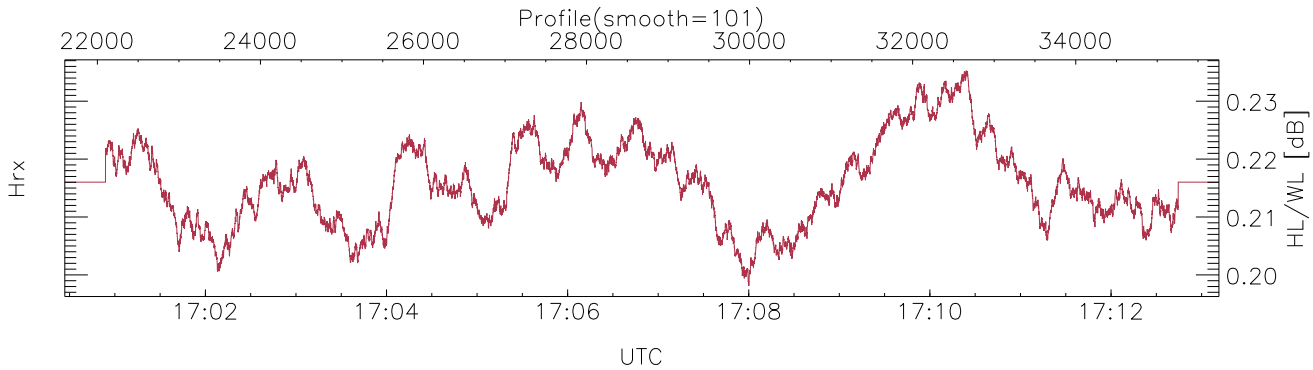


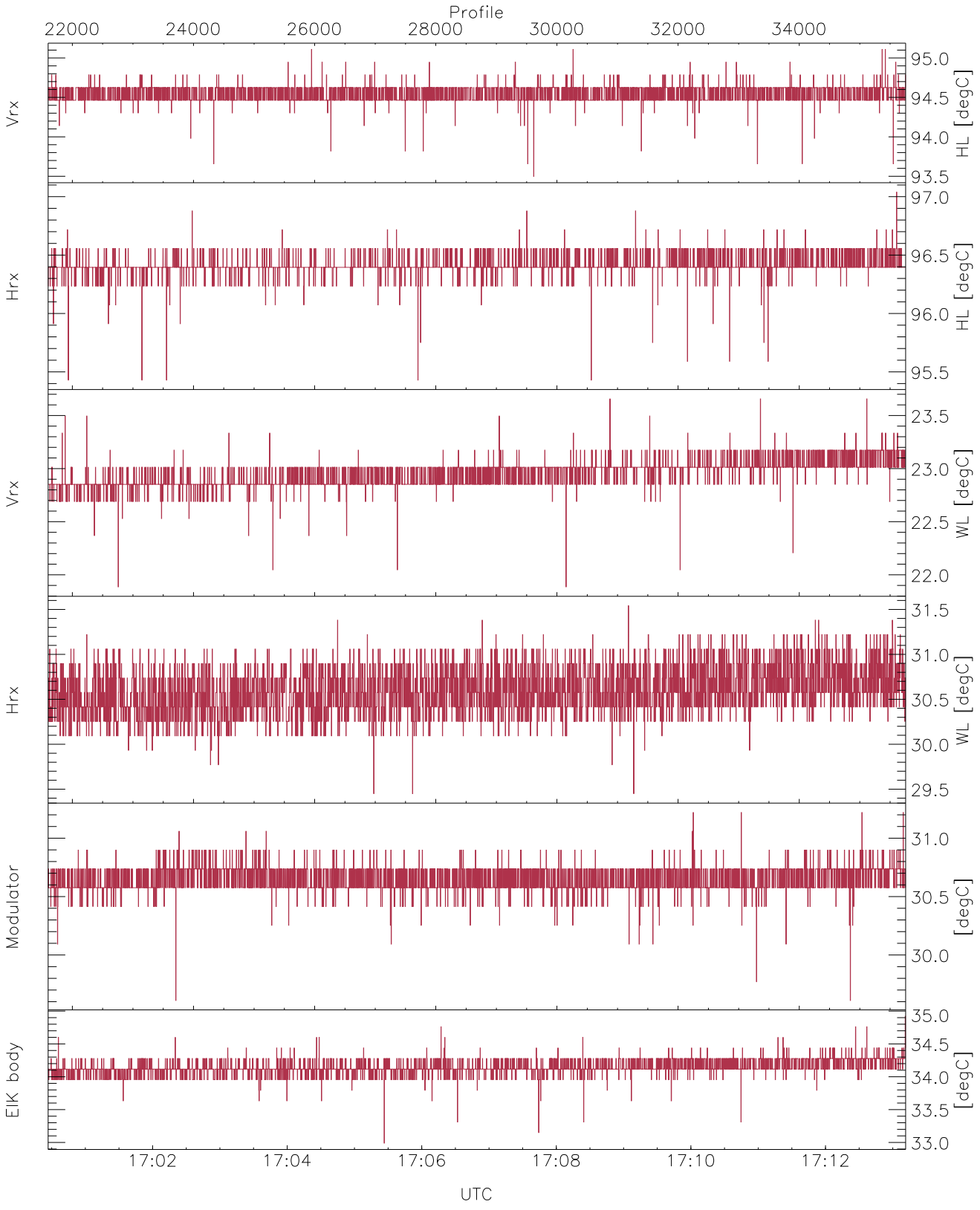






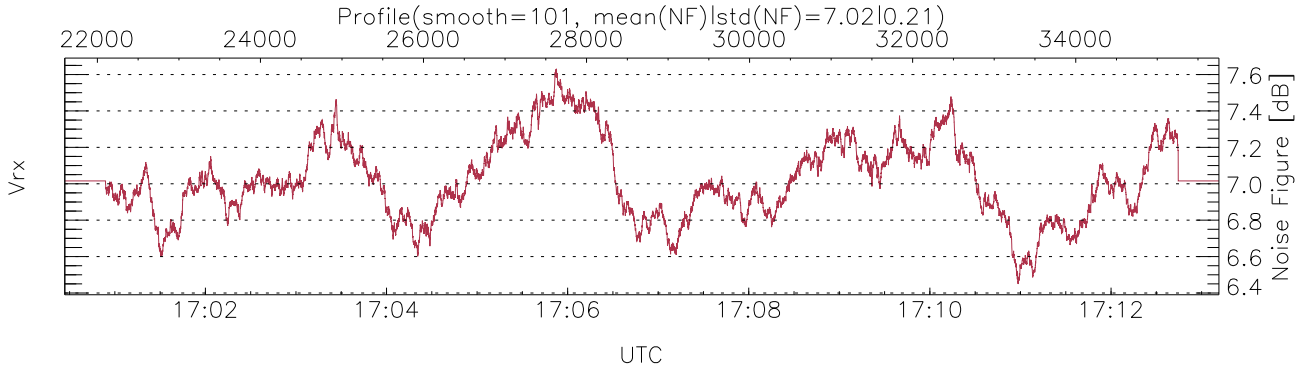
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

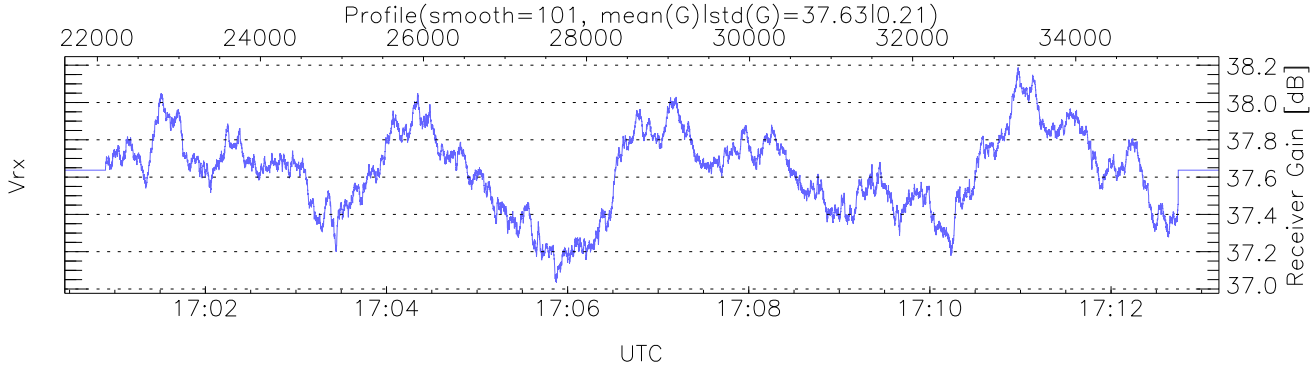
UTC: 16:41:00-17:13:12, Dur: 1931.36s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 54.0,54.0,54.0,0.0 ms / 19,19,19
NumRec(r/t): 14158/35758, 21600-35757/17:00:27-17:13:12
AcqTime: 54.0ms, Rate: 287KB/s, Averages: 180
Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2
PRF: 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us
Range(min,max,rgs): 105,6037,15.0 m, Gates: 396, Aspect: 3.1
Mirror(-9|0|1|2,3,9x = no mirror|sideluplerror): 1

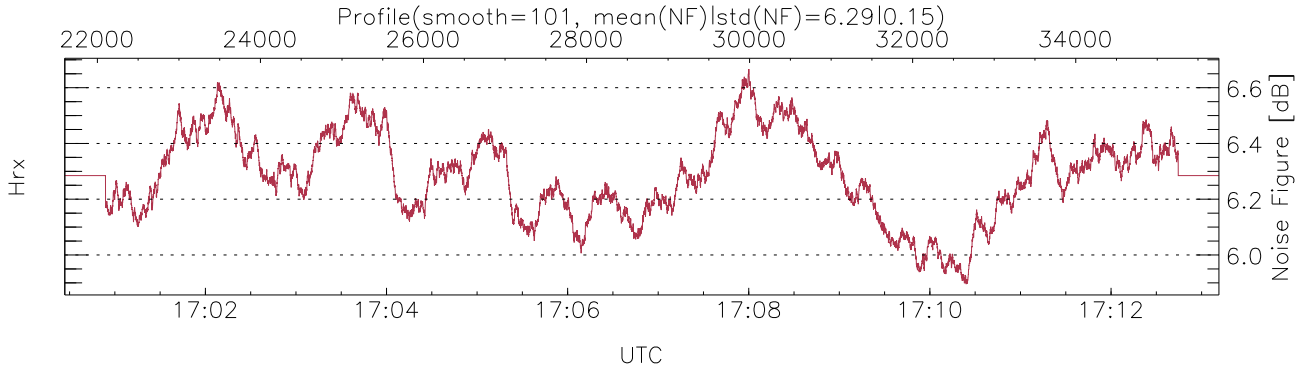


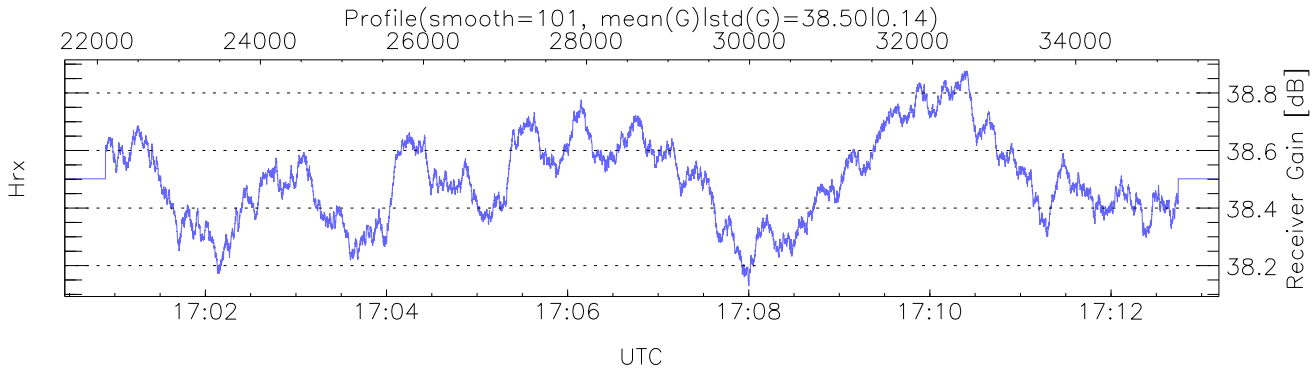
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,21,29,29,32
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 95,97,23,31,31,34
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckF,OverDuty,HVPS (5,5,18)



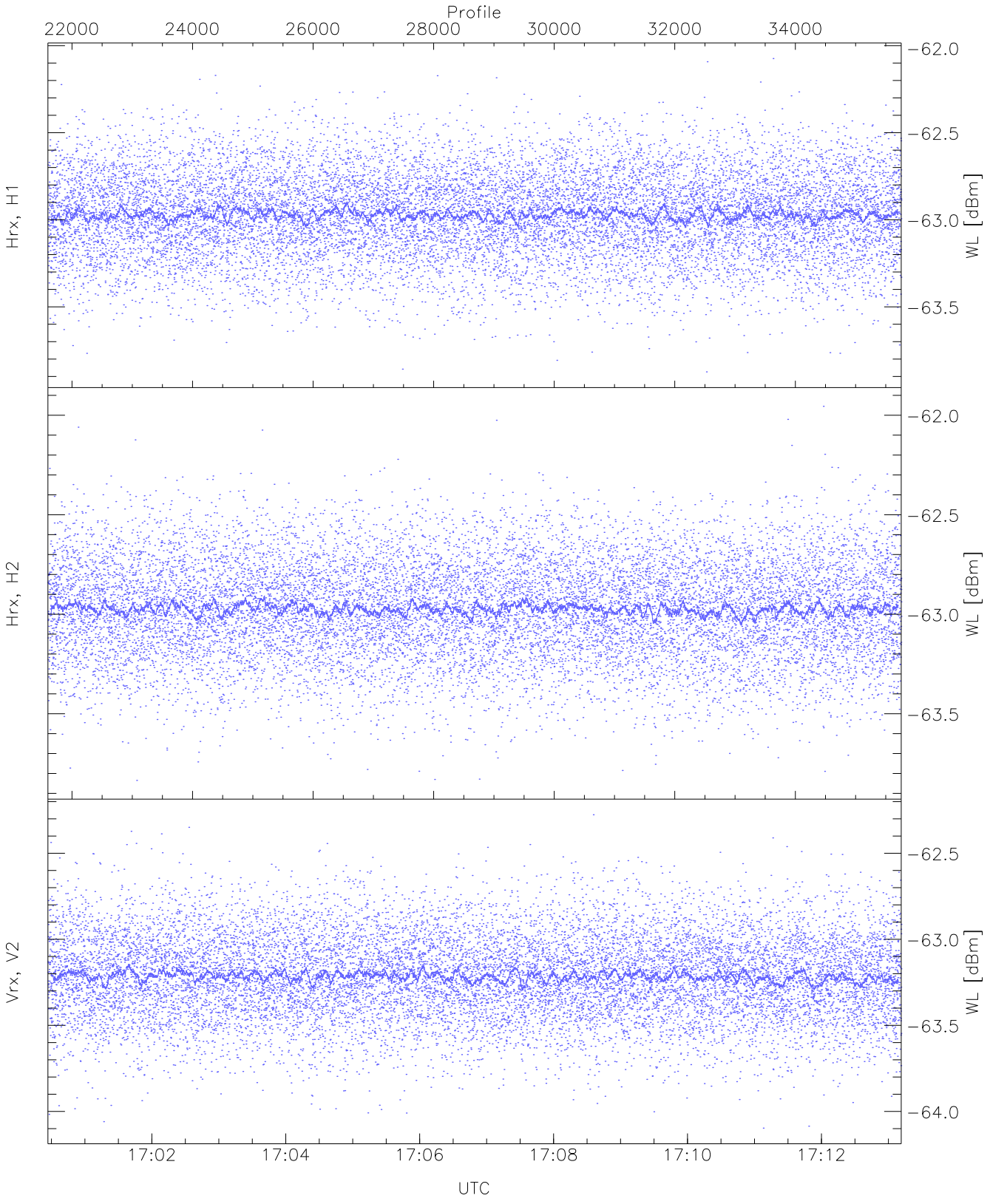






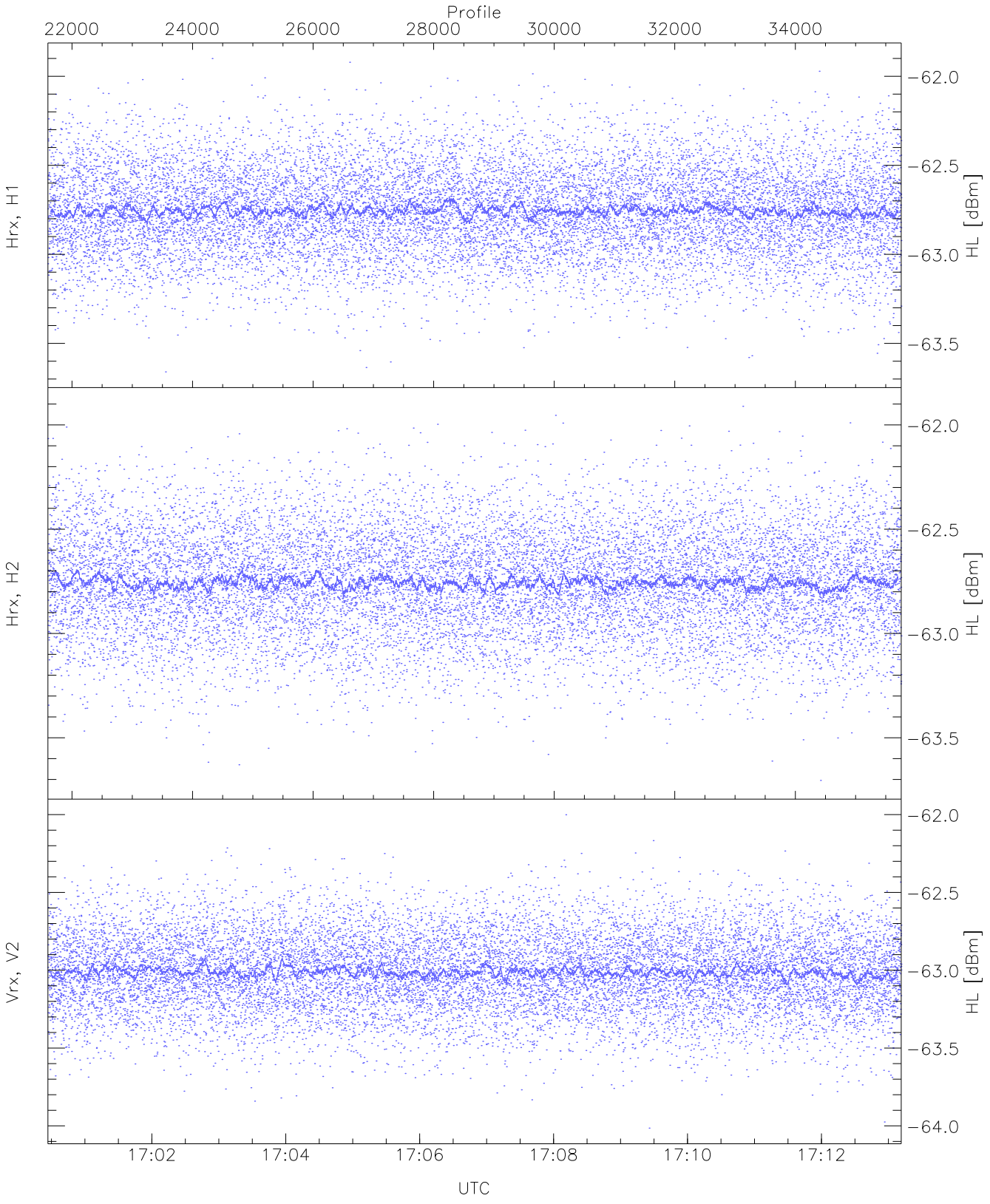
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 1198 pixs, 18 gates, 1176 profs, 1 prods



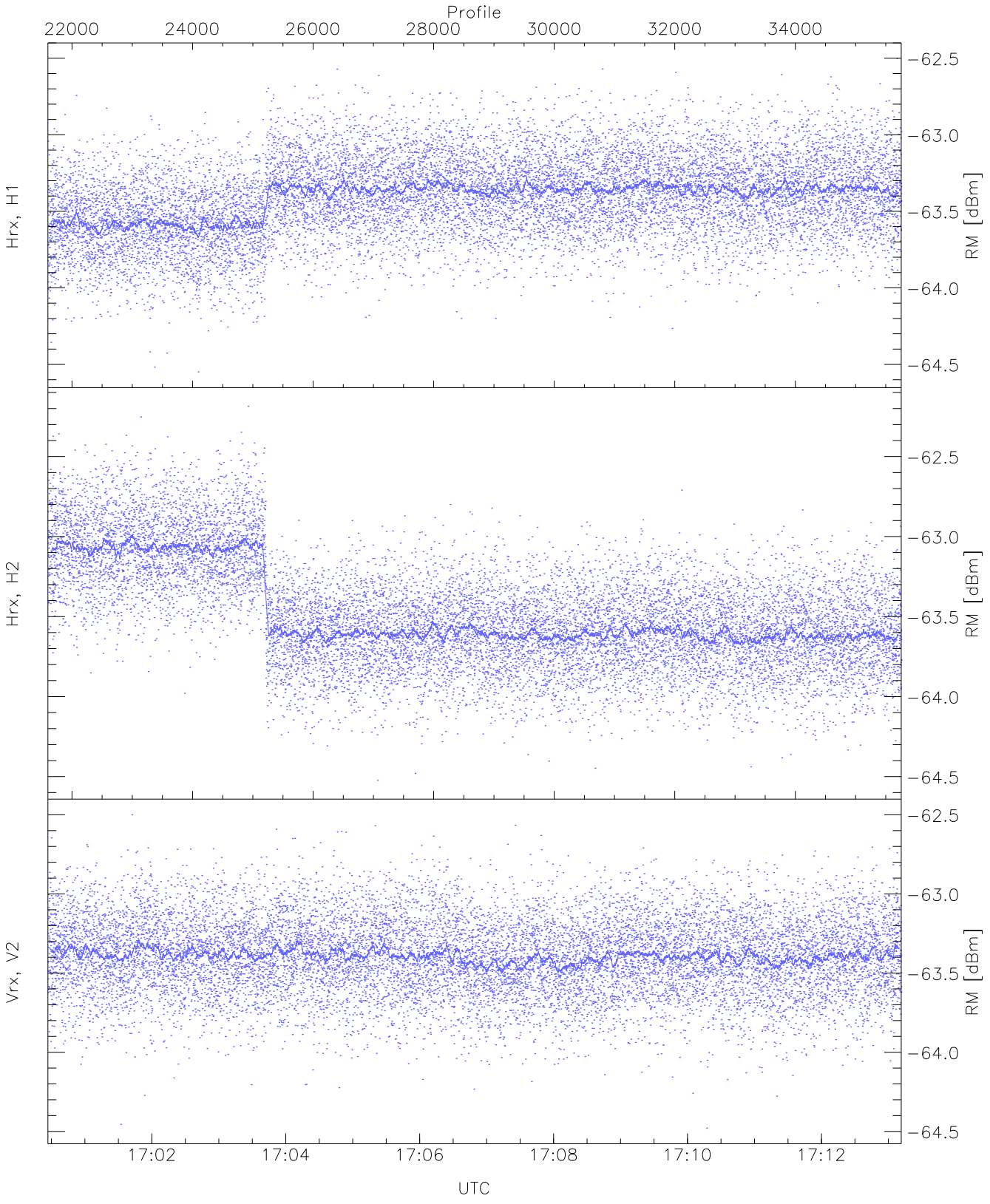
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.87	-62.07	-62.97	-62.97	-75.70
Hrx, H2(WL [dBm])	-63.83	-61.95	-62.97	-62.97	-75.66
Vrx, V2(WL [dBm])	-64.10	-62.28	-63.21	-63.22	-75.92



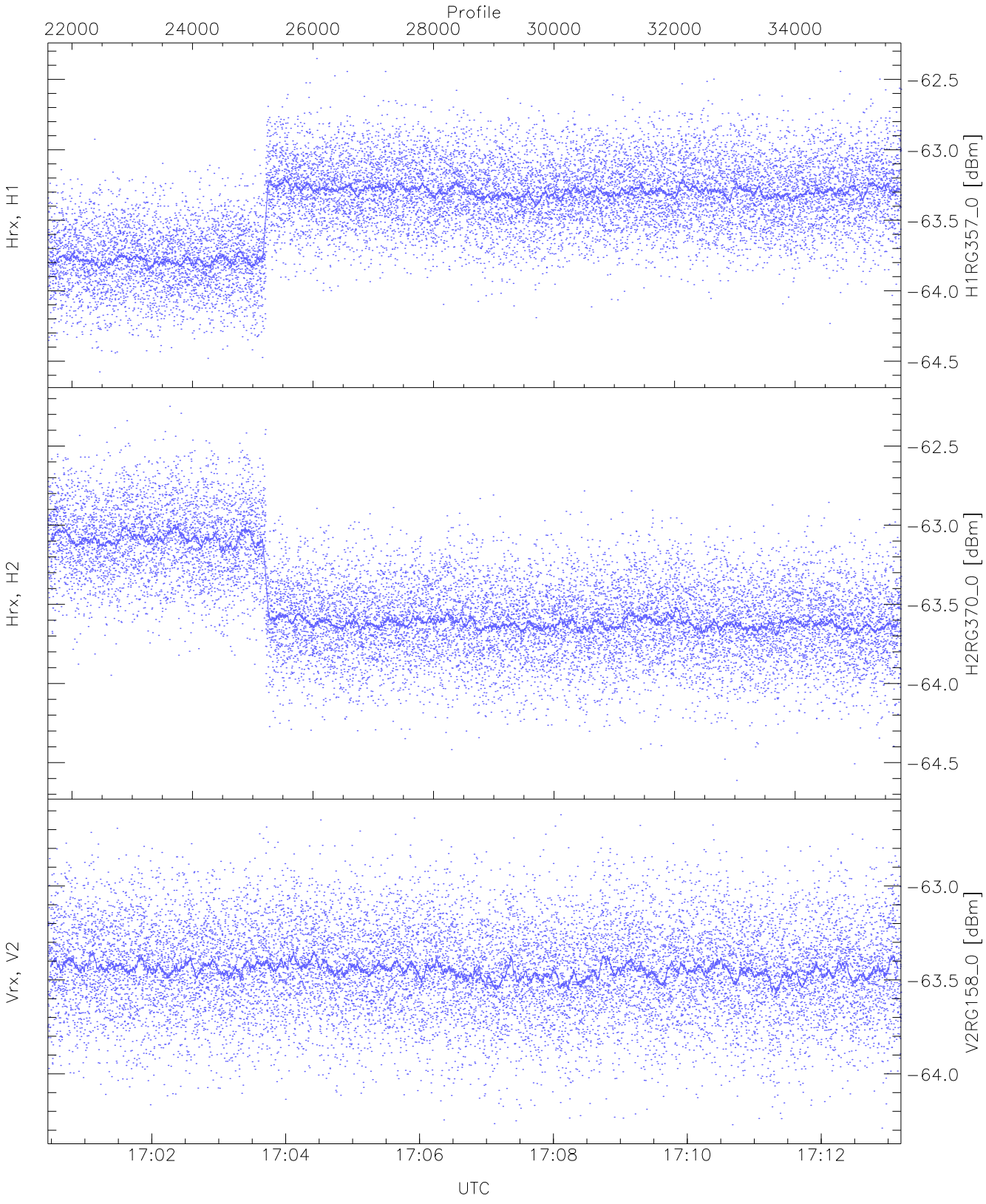
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-63.66	-61.90	-62.75	-62.76	-75.49
Hrx, H2(HL [dBm])	-63.70	-61.91	-62.75	-62.76	-75.47
Vrx, V2(HL [dBm])	-64.01	-62.00	-63.01	-63.01	-75.72



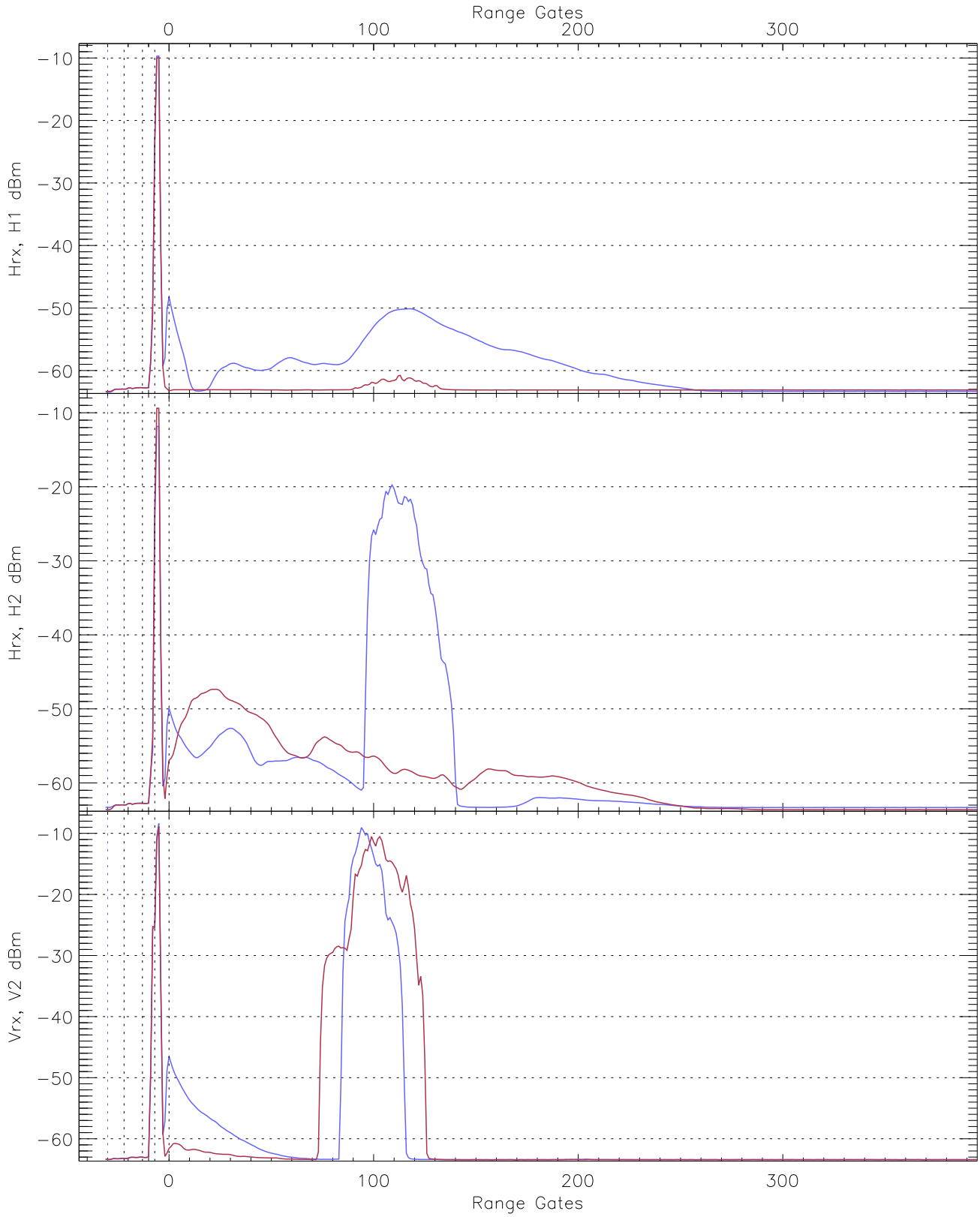
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-64.55	-62.50	-63.41	-63.41	-75.73
Hrx, H2(RM [dBm])	-64.52	-62.19	-63.46	-63.52	-74.51
Vrx, V2(RM [dBm])	-64.48	-62.50	-63.39	-63.39	-76.06

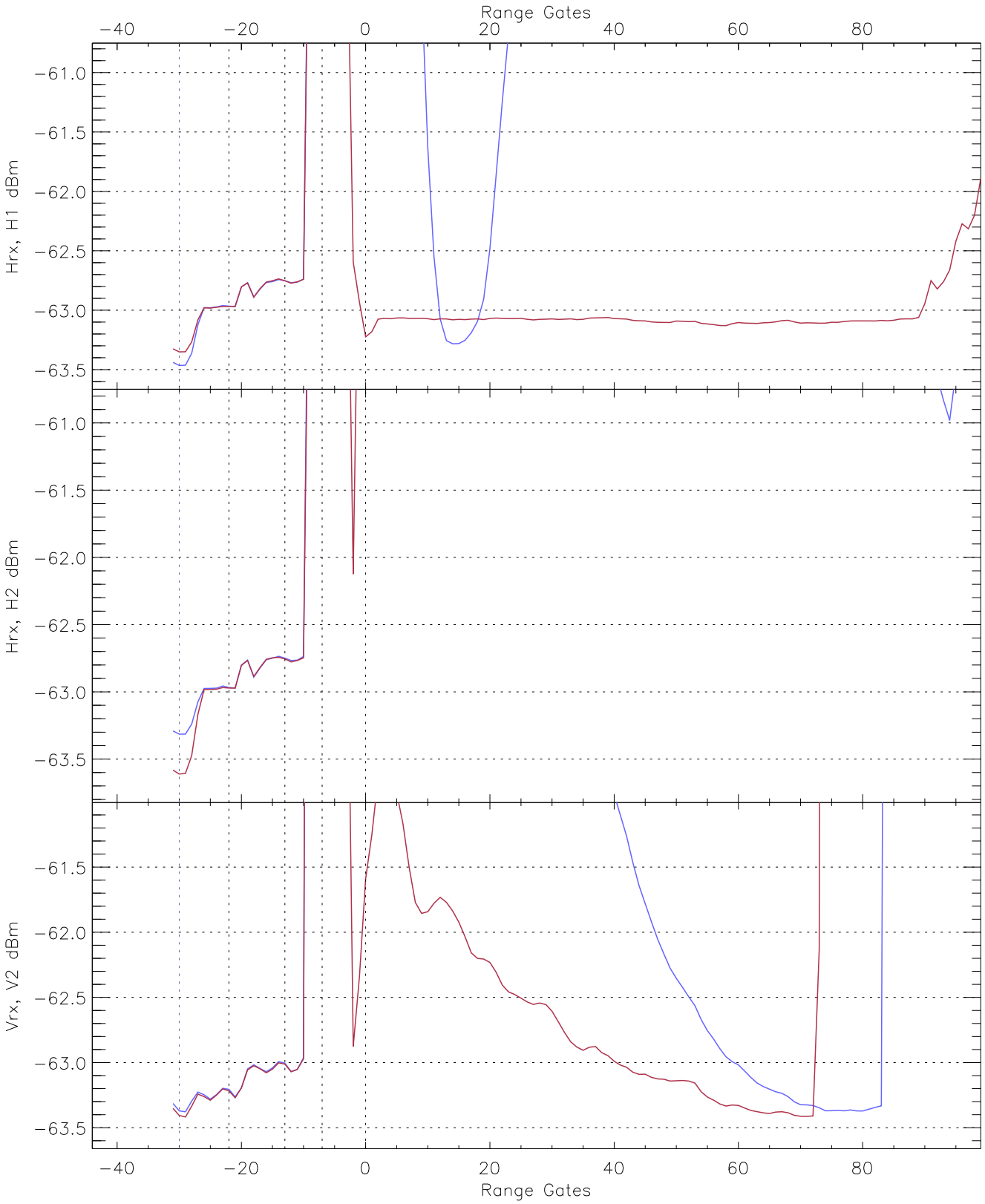


WCR2 CPP "Best" estimate Receivers Noise Power

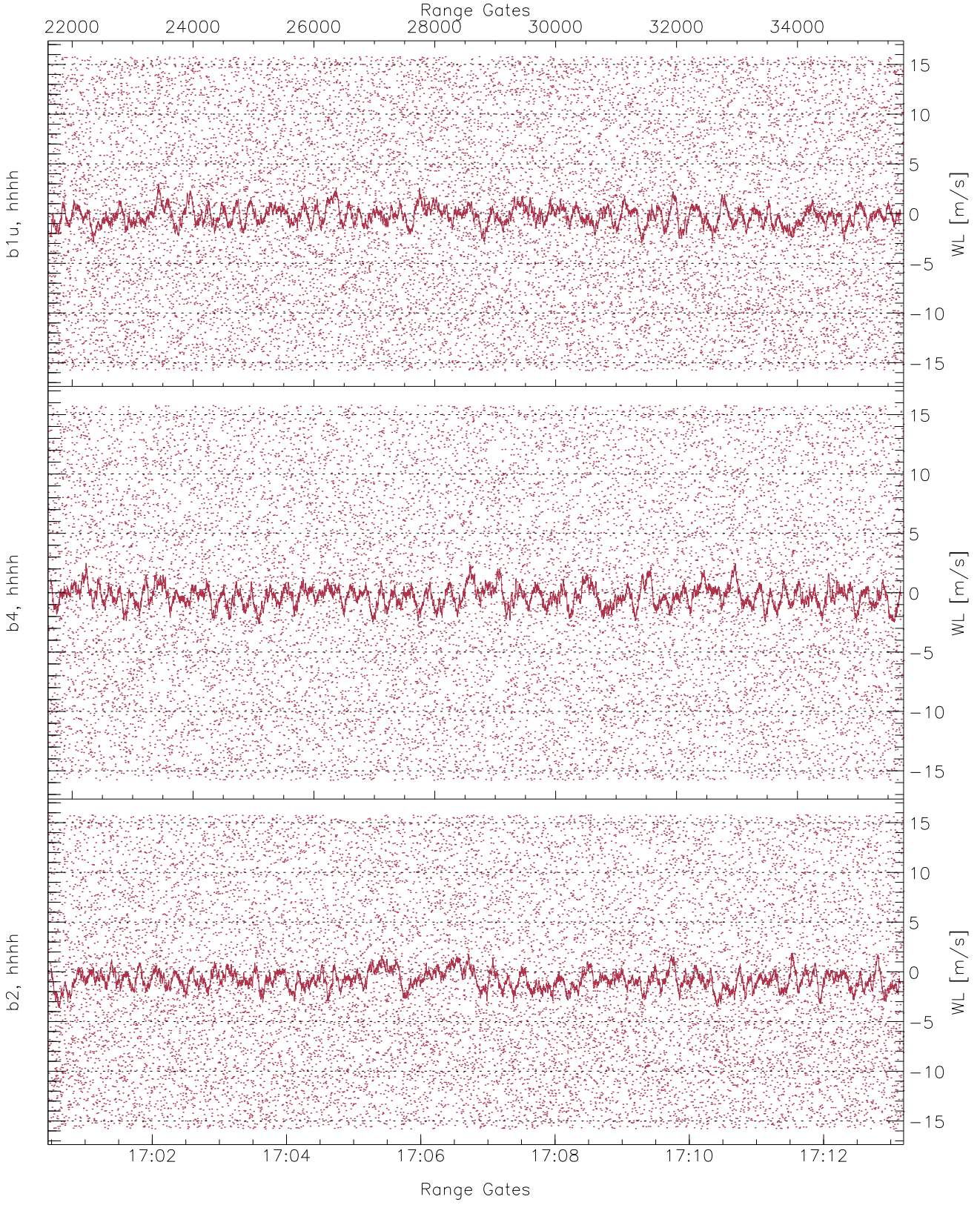
	Min	Max	Mean	Median	StDev
H1RG357_0 [dBm]	-64.58	-62.35	-63.41	-63.39	-74.81
H2RG370_0 [dBm]	-64.61	-62.25	-63.47	-63.53	-74.59
V2RG158_0 [dBm]	-64.29	-62.62	-63.44	-63.45	-76.05



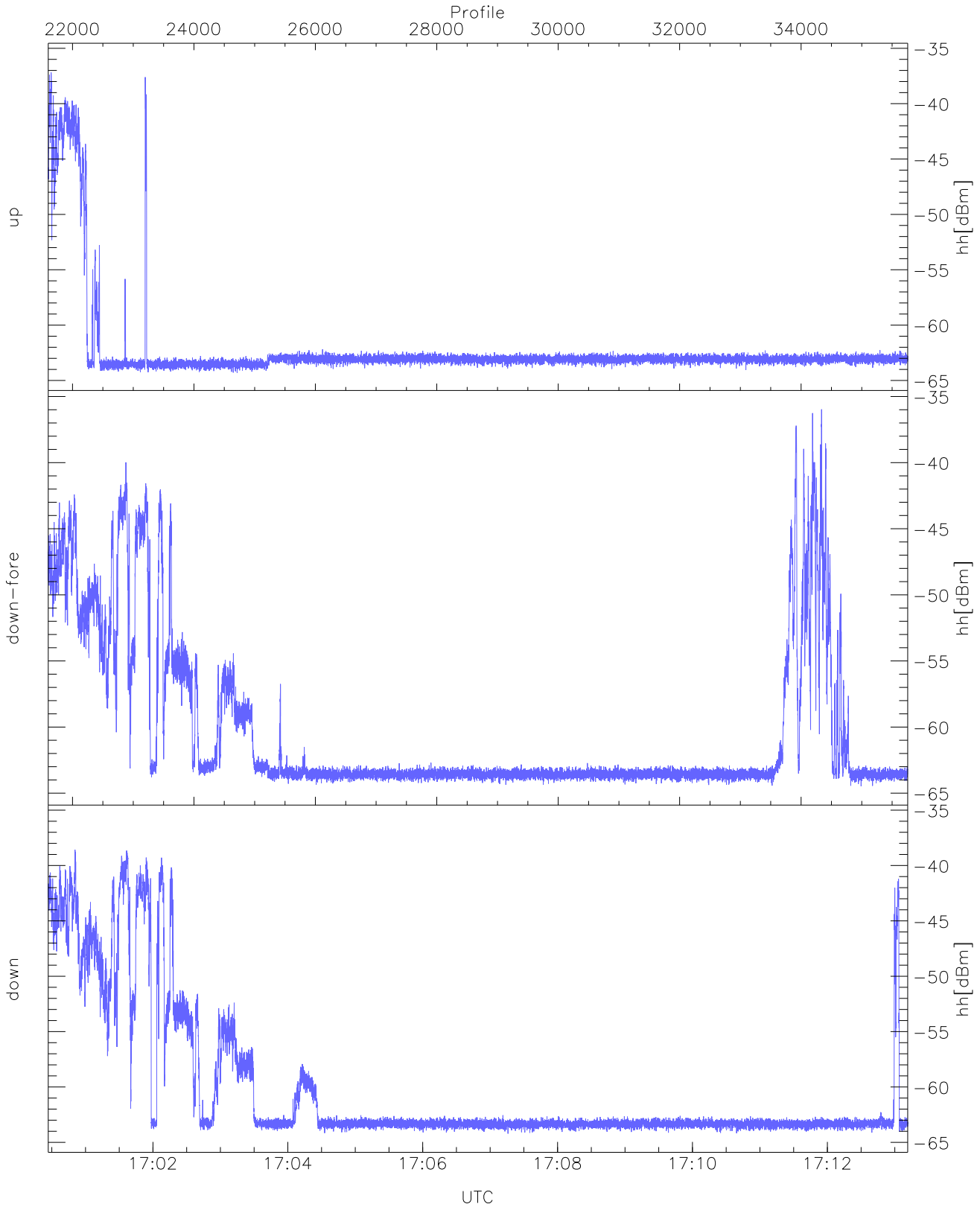
WCR2 CPP Averaged Received power for all recorded gates
blue: 170027-170649, 7080 profiles averaged
red: 170649-171312, 7079 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 170027-170649, 7080 profiles averaged
red: 170649-171312, 7079 profiles averaged

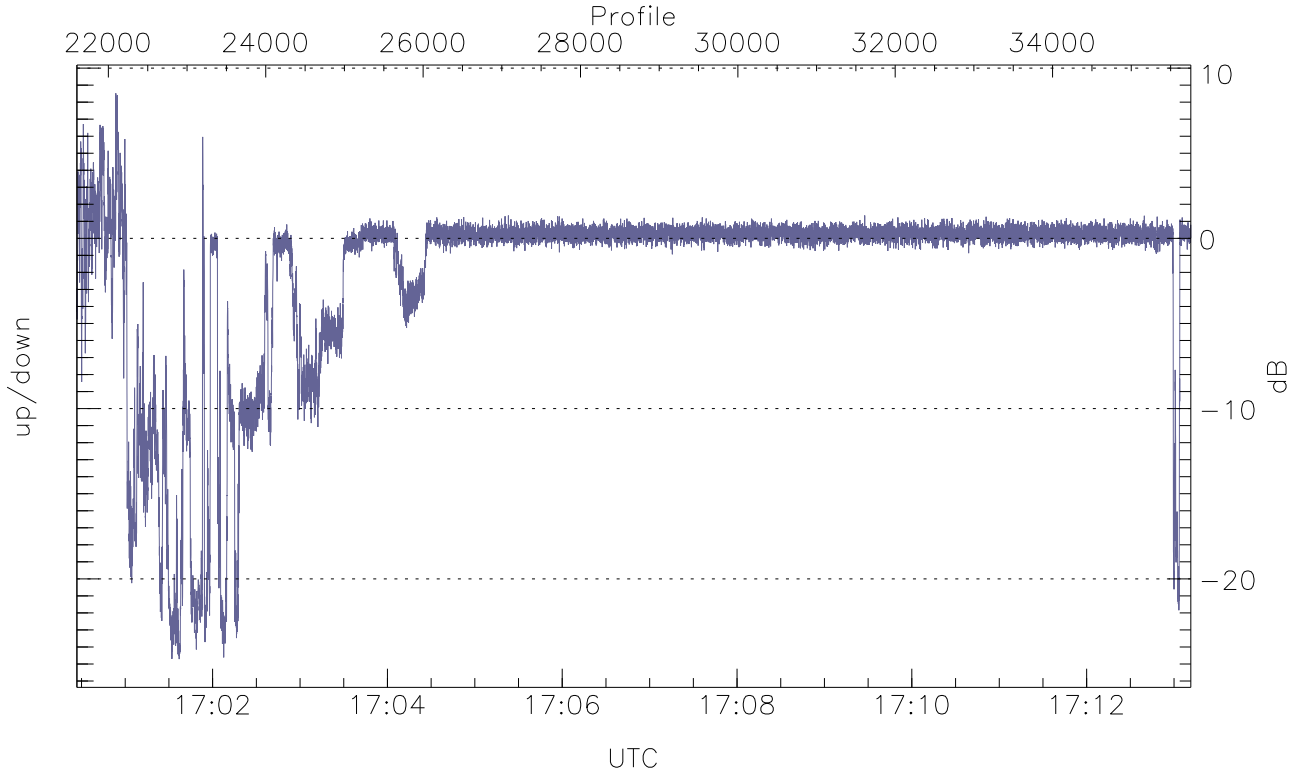


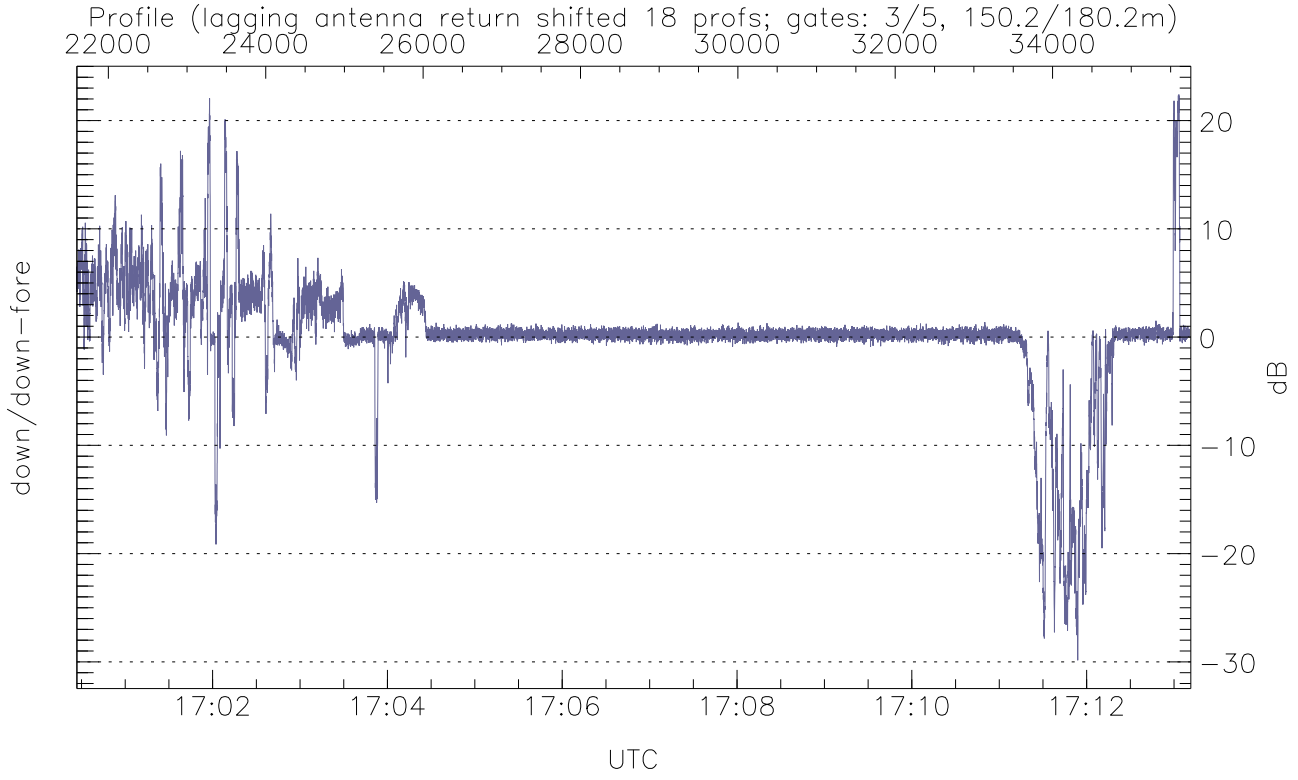
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

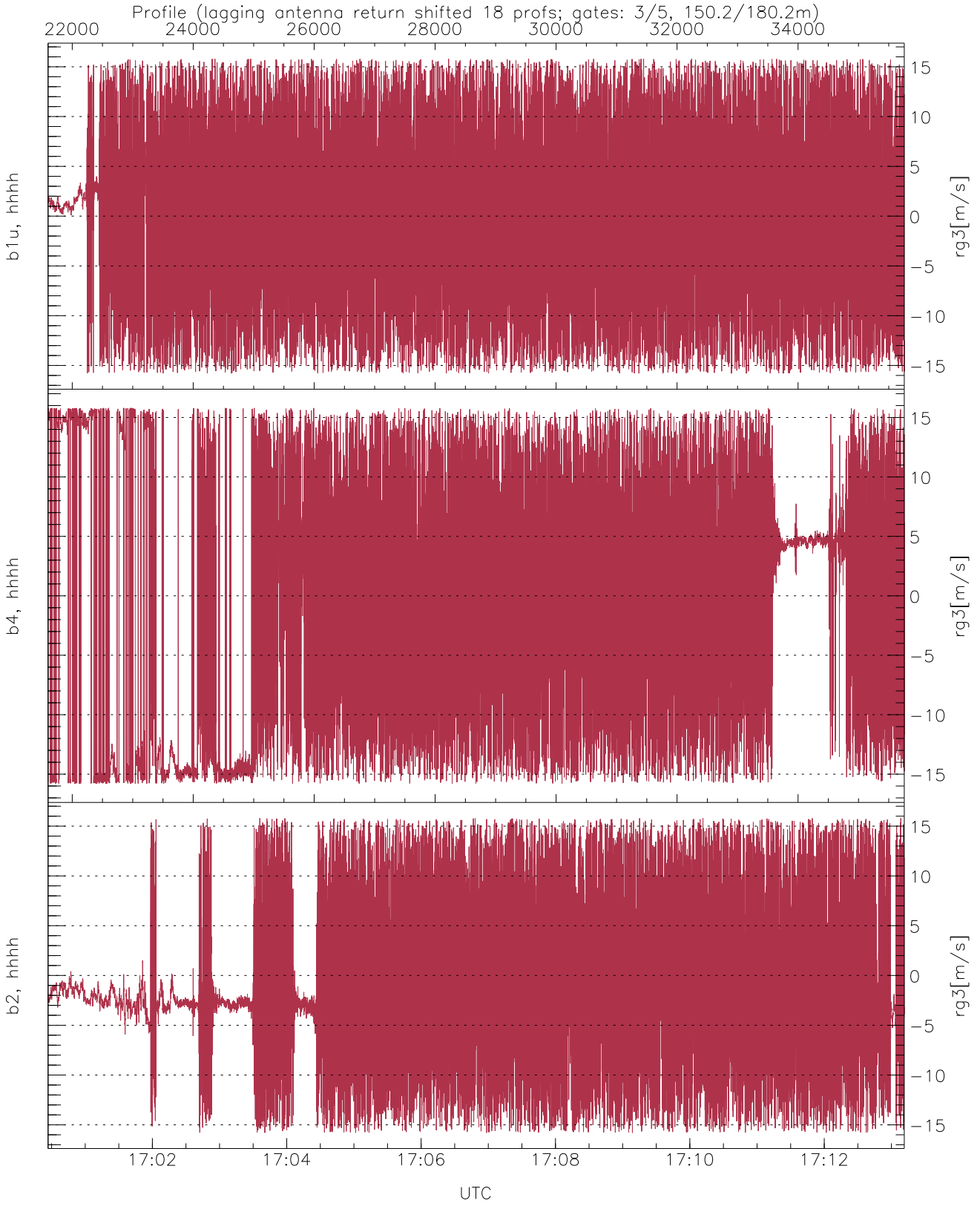
	Min	Max	Mean
up(hh[dBm])	-64.31	-37.18	-55.18
down-fore(hh[dBm])	-64.48	-35.97	-53.63
down(hh[dBm])	-64.22	-38.58	-52.18





WCR2 Beam pairs Received Power Ratio(s); RangeGate: 3 (150 m)

	Min	Max	Mean
up/down(dB)	-24.71	8.52	-2.04
down/down-fore(dB)	-29.85	22.41	0.17



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.80	15.80	-0.11	8.80
b4, hhhh(rg3[m/s])	-15.80	15.80	-0.72	10.21
b2, hhhh(rg3[m/s])	-15.80	15.80	-0.98	7.87