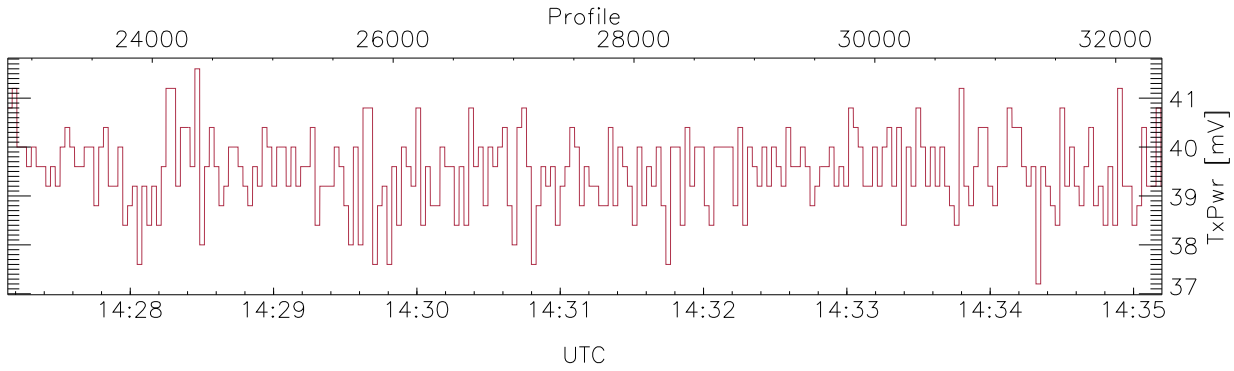
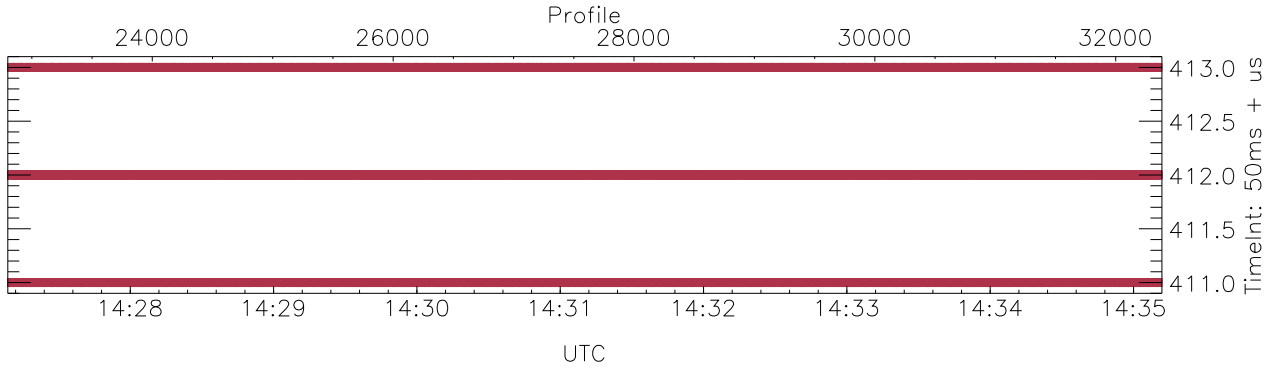
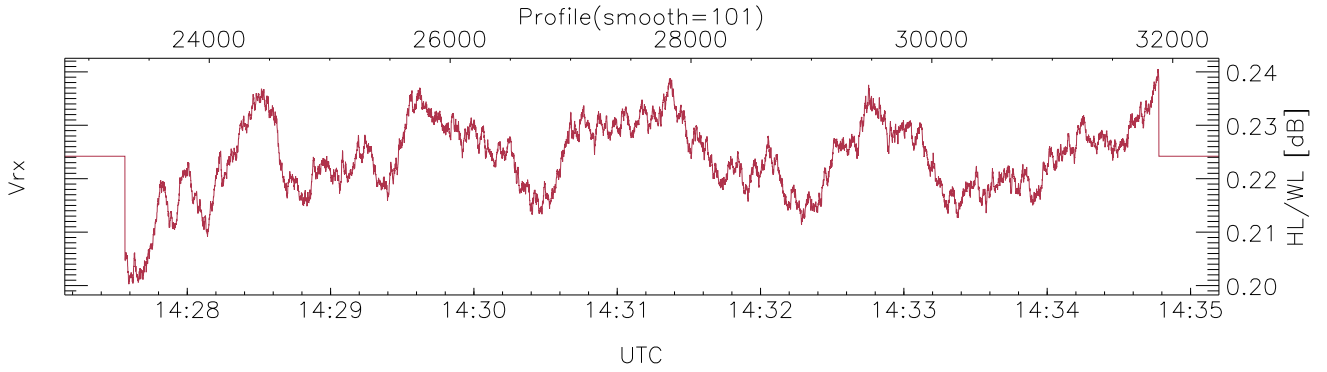
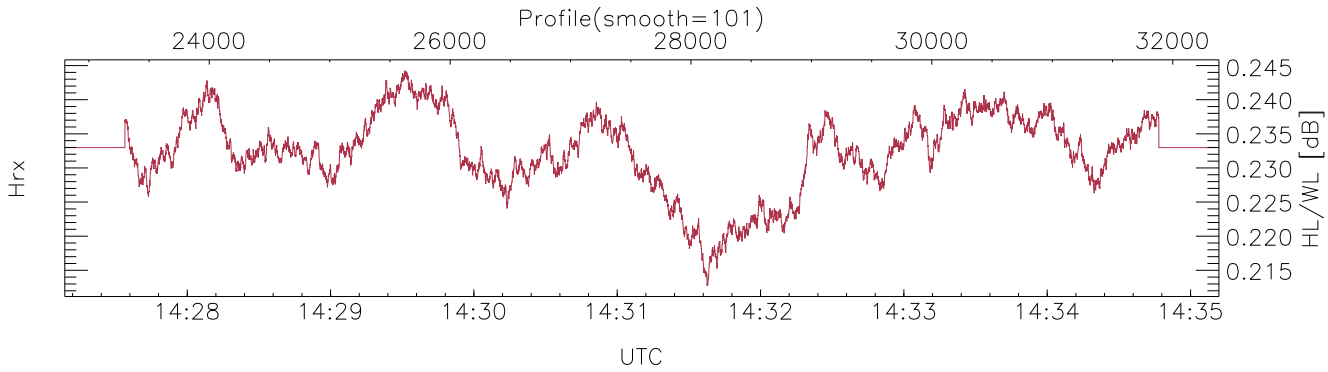


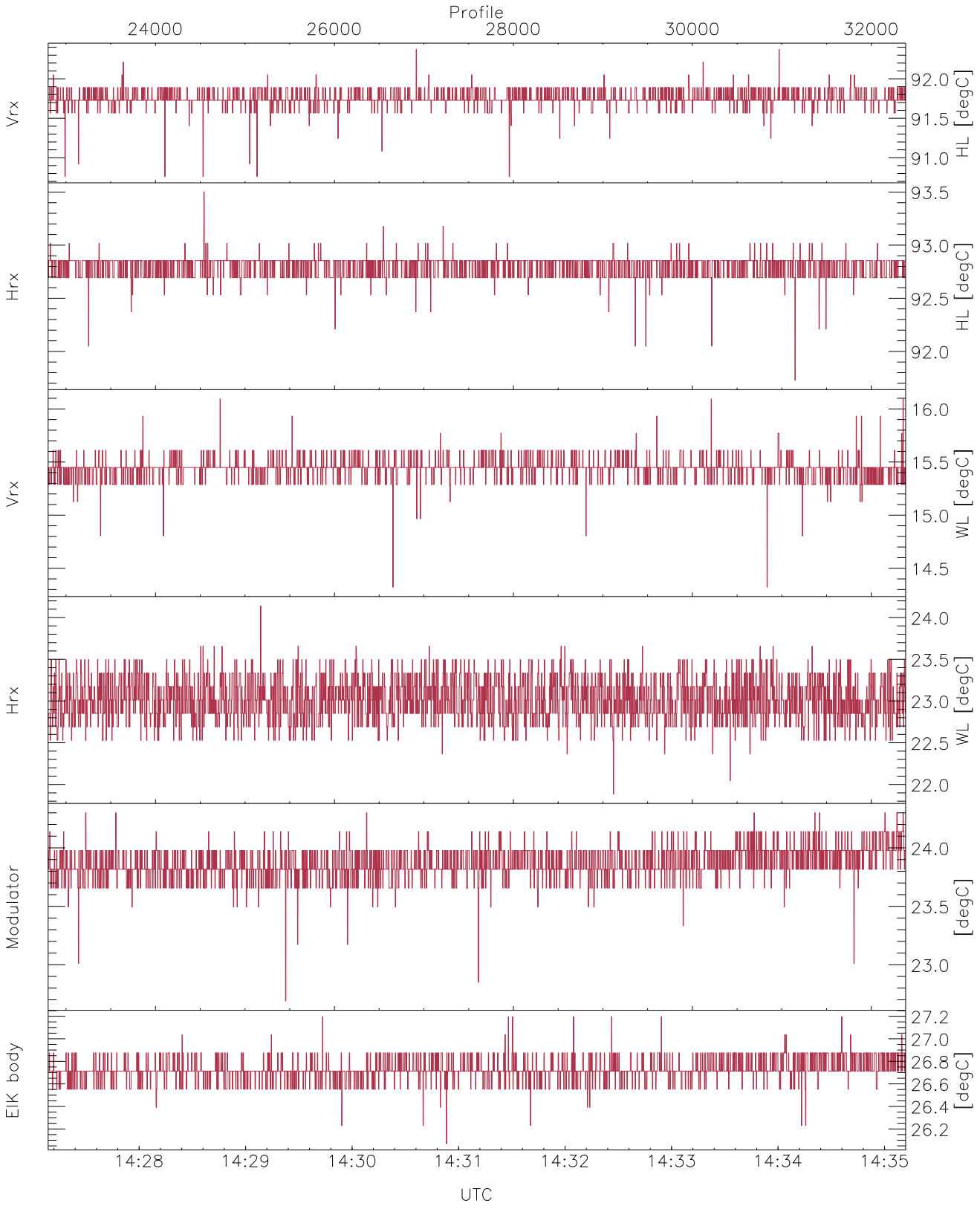






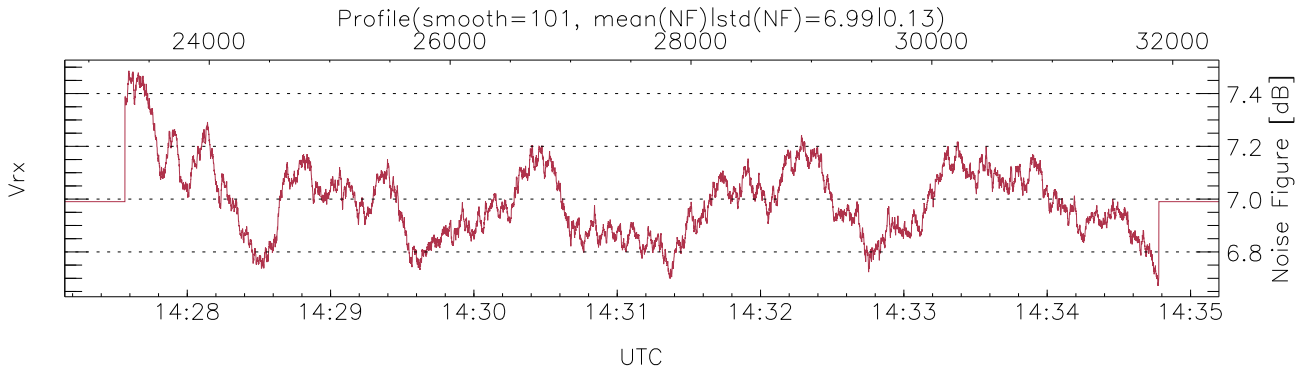
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

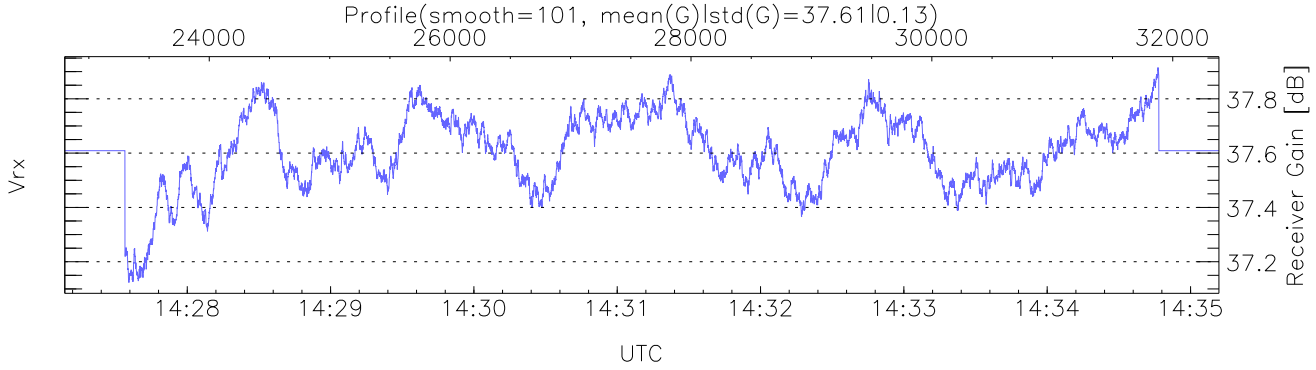
UTC: 14:07:59-14:35:12, Dur: 1632.56s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
NumRec(r/t): 9585/32385, 22800-32384/14:27:09-14:35:12
AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
PRF: 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

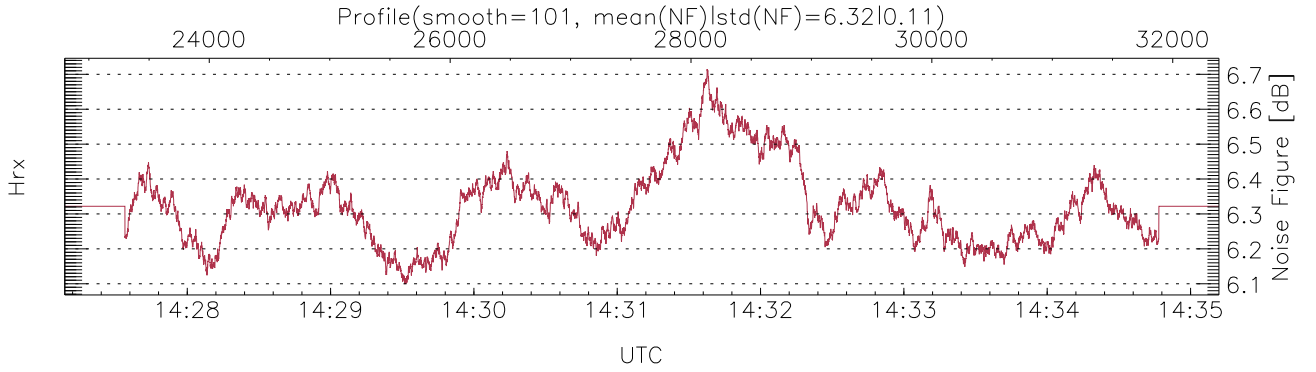


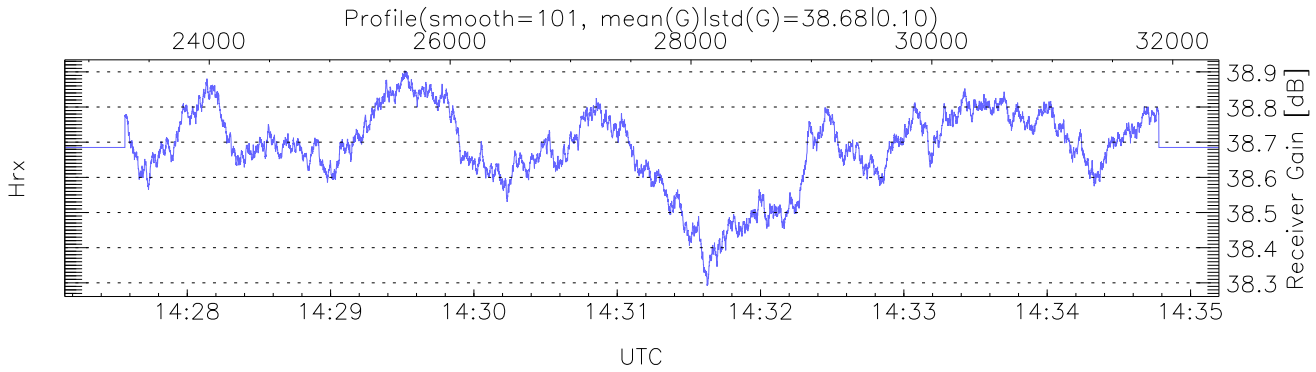
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,14,21,22,26
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,16,24,24,27
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (5,5,5,5,5,6)



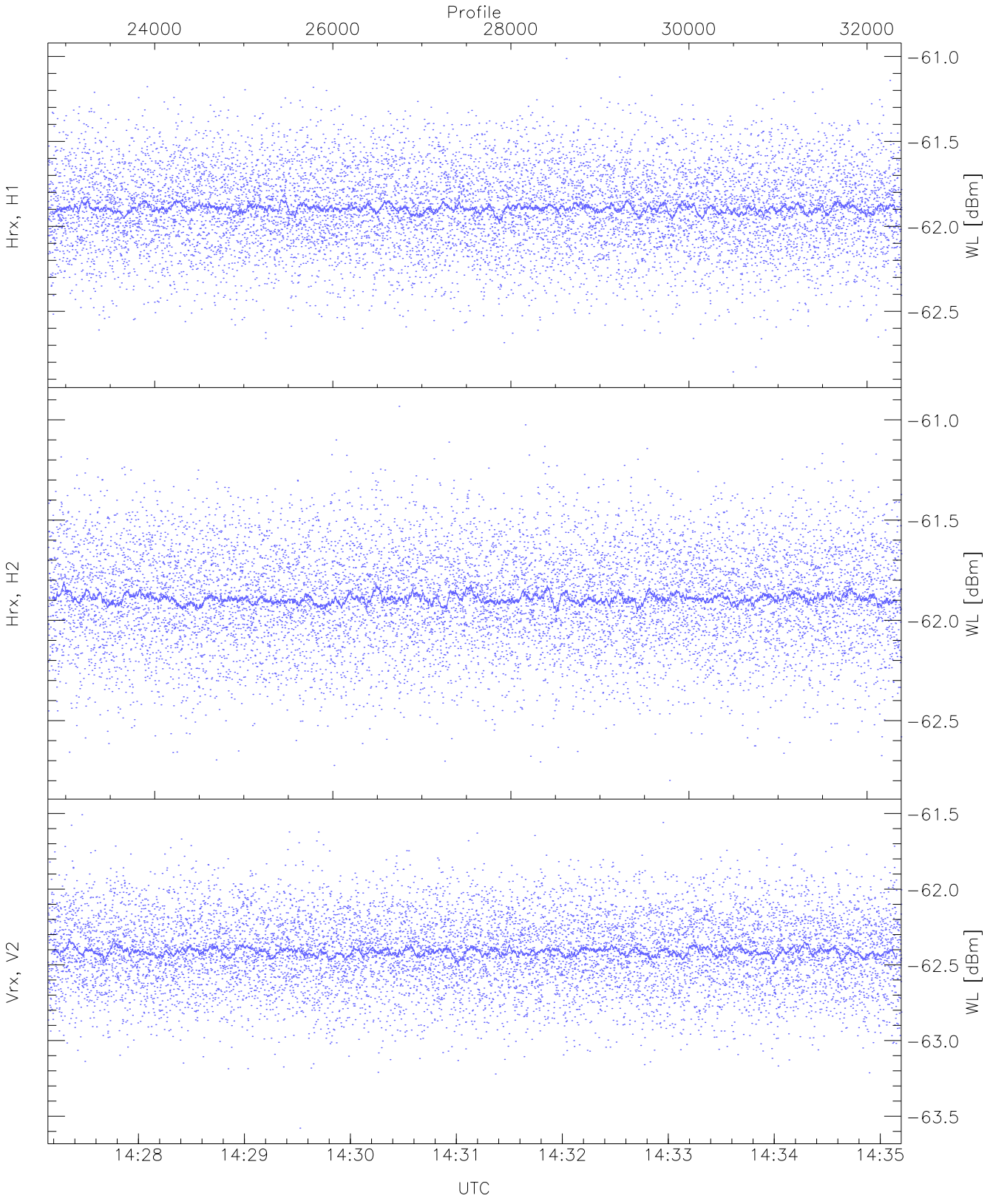






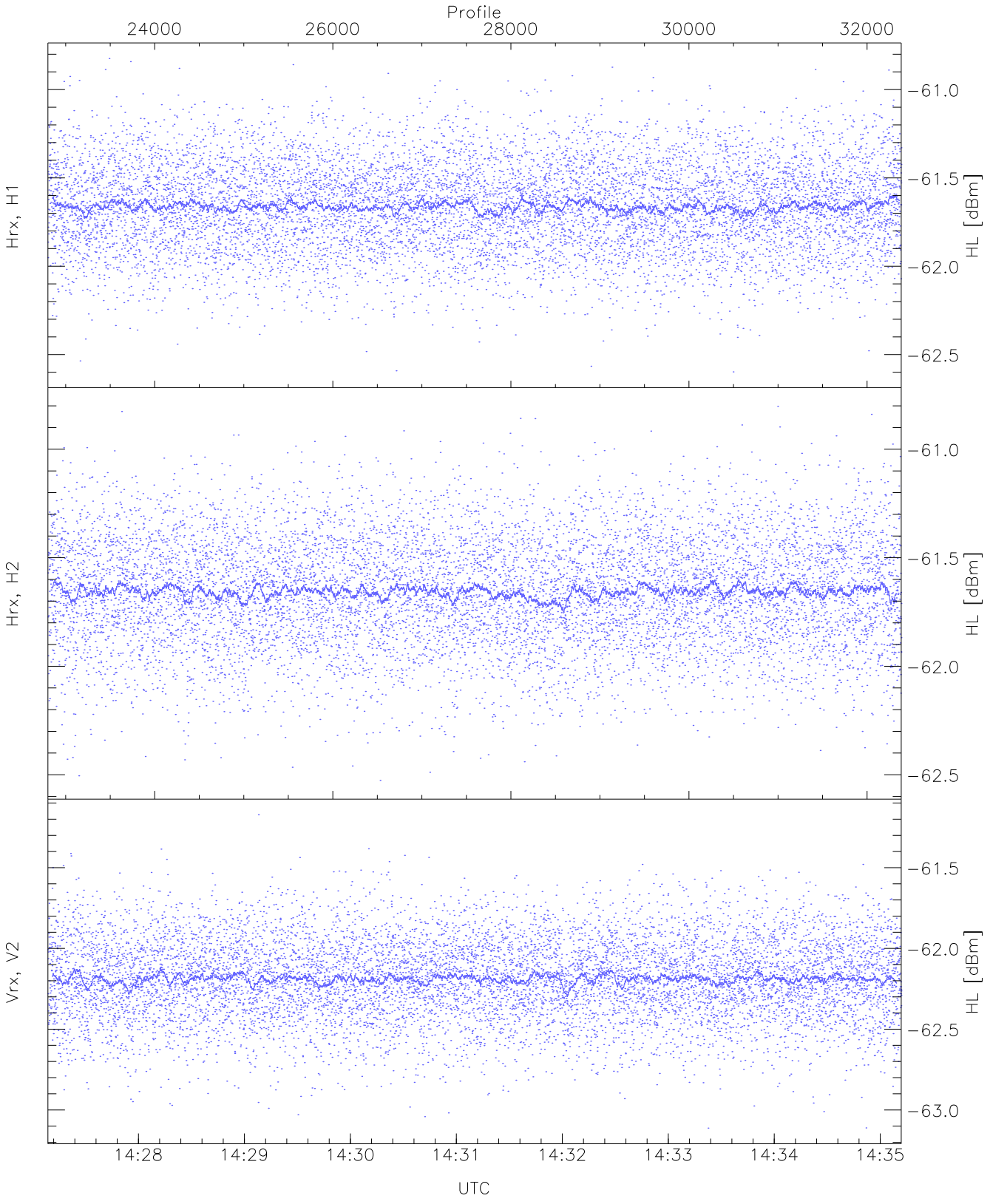
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 2320 pixs, 20 gates, 2311 profs, 2 prods



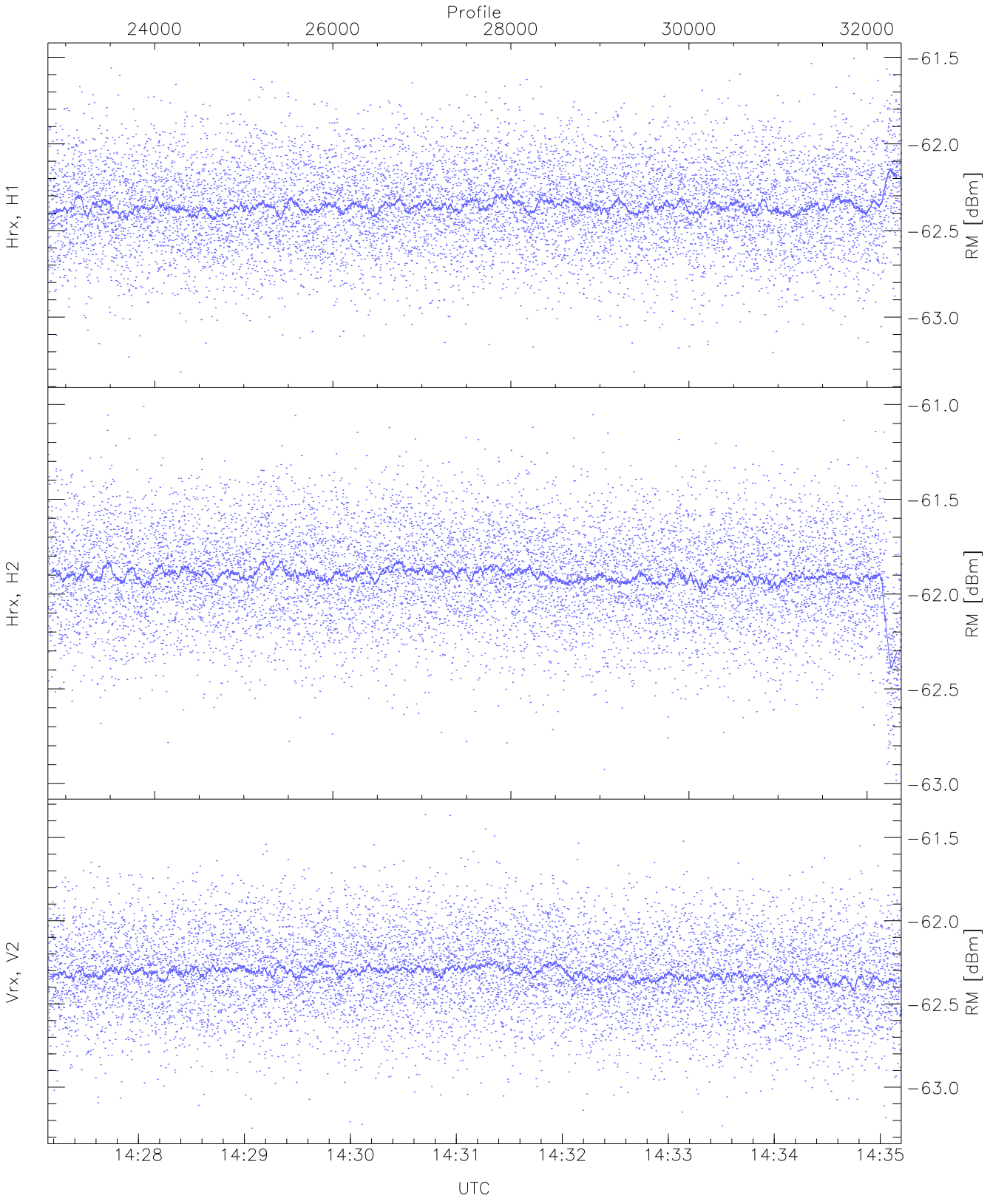
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.86	-61.01	-61.89	-61.90	-74.48
Hrx, H2(WL [dBm])	-62.80	-60.93	-61.89	-61.89	-74.44
Vrx, V2(WL [dBm])	-63.58	-61.51	-62.41	-62.41	-74.95



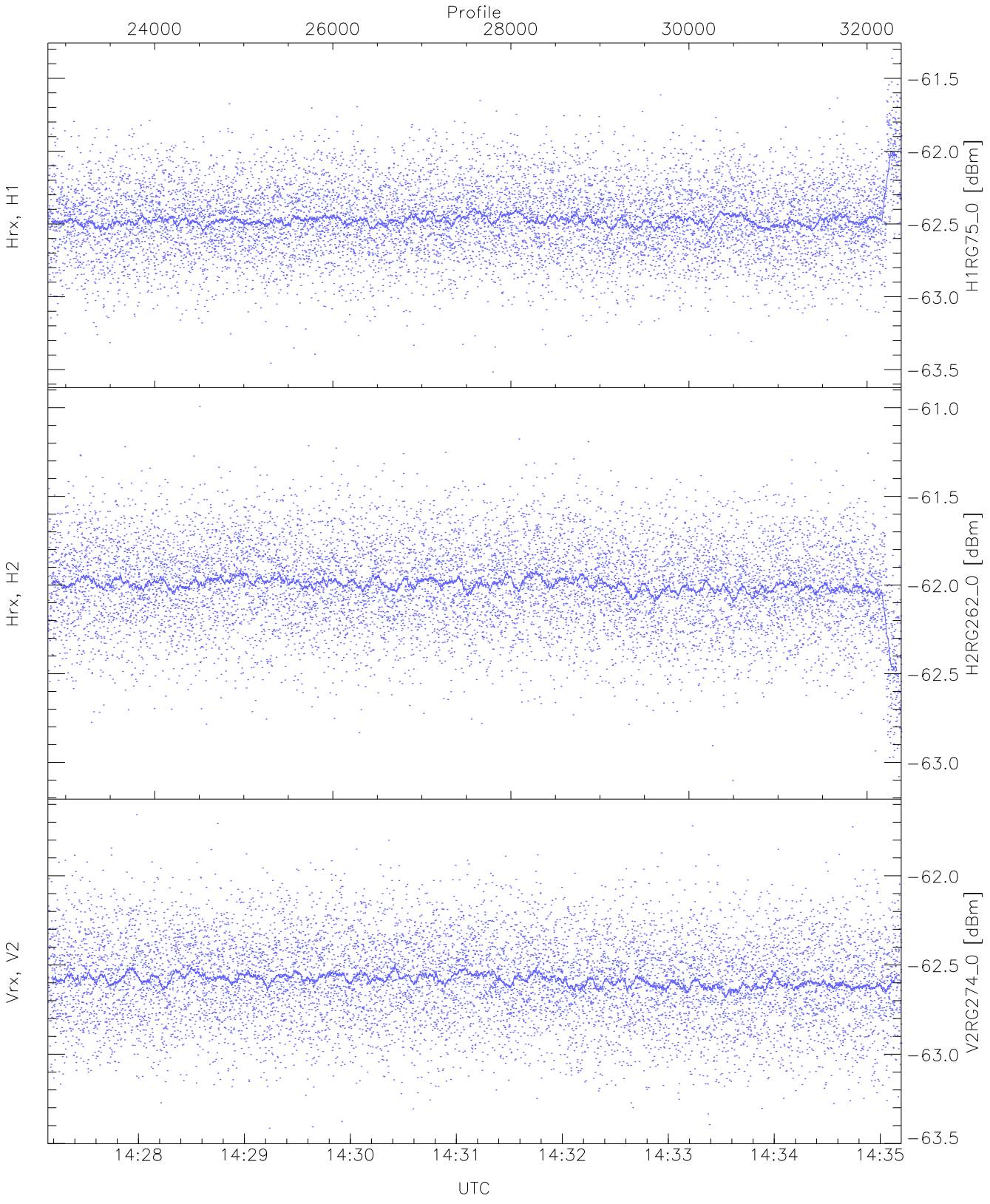
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.60	-60.82	-61.66	-61.66	-74.22
Hrx, H2(HL [dBm])	-62.53	-60.80	-61.65	-61.66	-74.22
Vrx, V2(HL [dBm])	-63.11	-61.17	-62.18	-62.19	-74.75



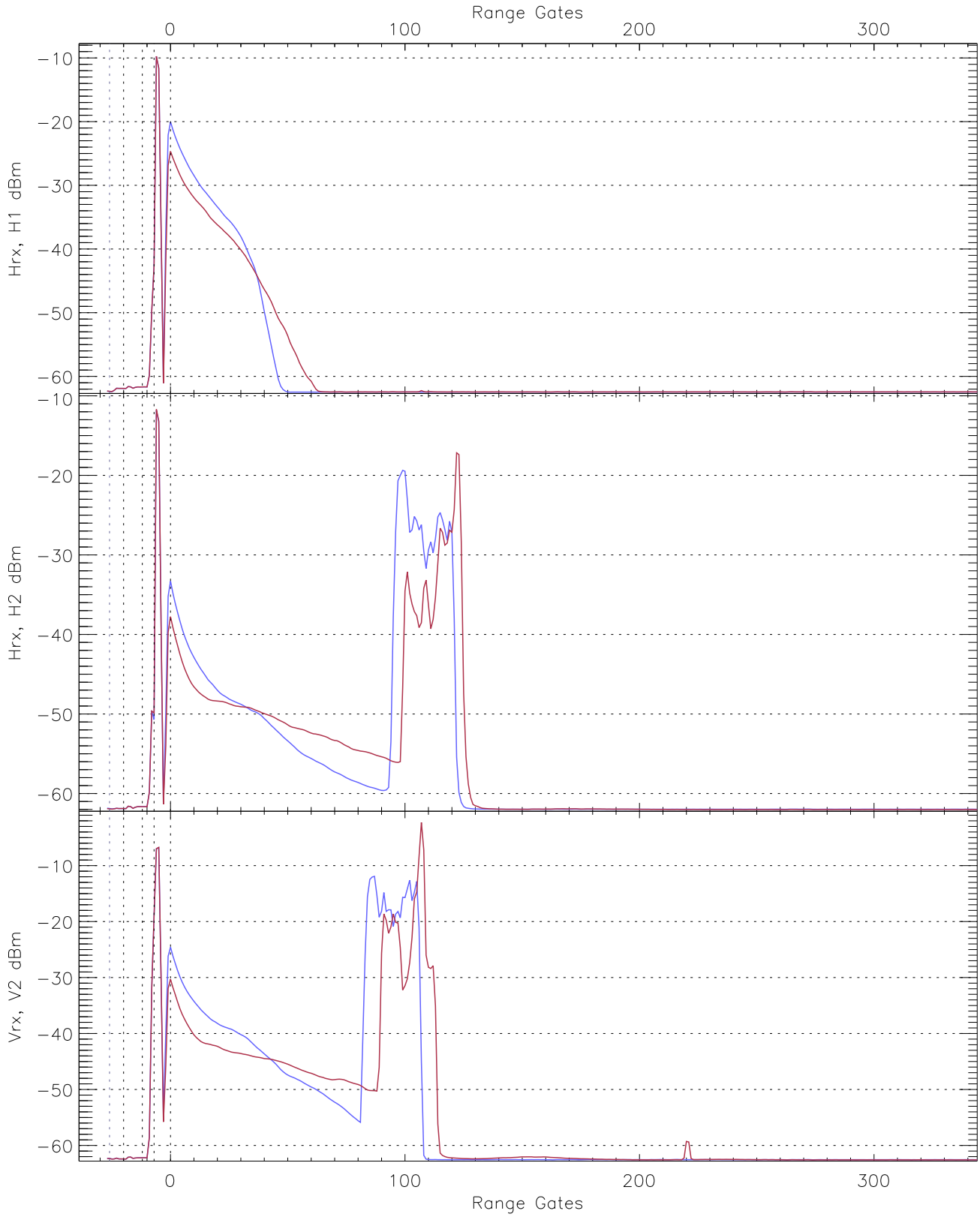
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.32	-61.51	-62.36	-62.36	-74.90
Hrx, H2(RM [dBm])	-62.98	-61.01	-61.90	-61.91	-74.34
Vrx, V2(RM [dBm])	-63.25	-61.36	-62.31	-62.32	-74.83

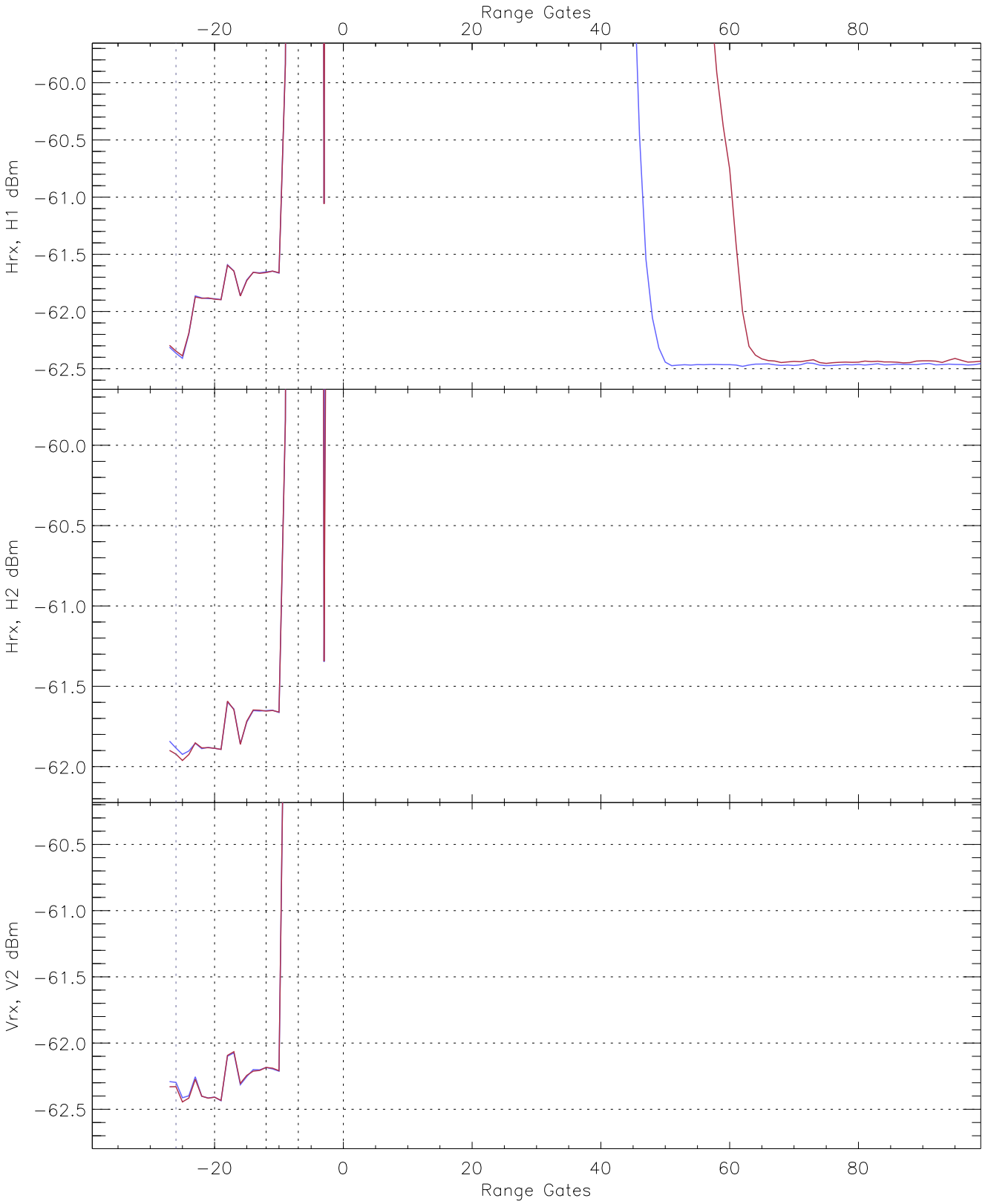


WCR2 CPP "Best" estimate Receivers Noise Power

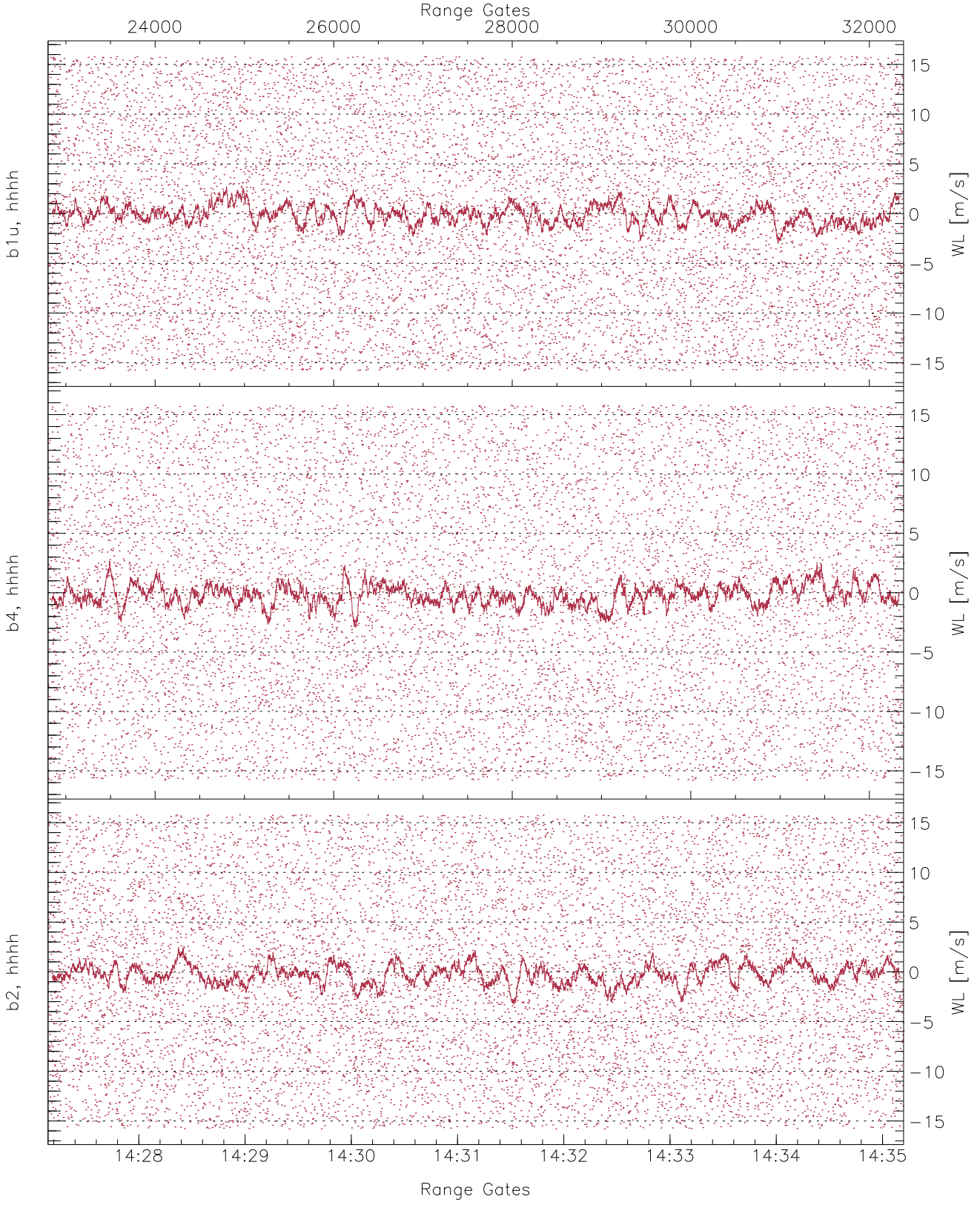
	Min	Max	Mean	Median	StDev
H1RG75_0 [dBm]	-63.52	-61.36	-62.46	-62.47	-74.83
H2RG262_0 [dBm]	-63.10	-60.99	-62.00	-62.00	-74.46
V2RG274_0 [dBm]	-63.41	-61.66	-62.58	-62.59	-75.23



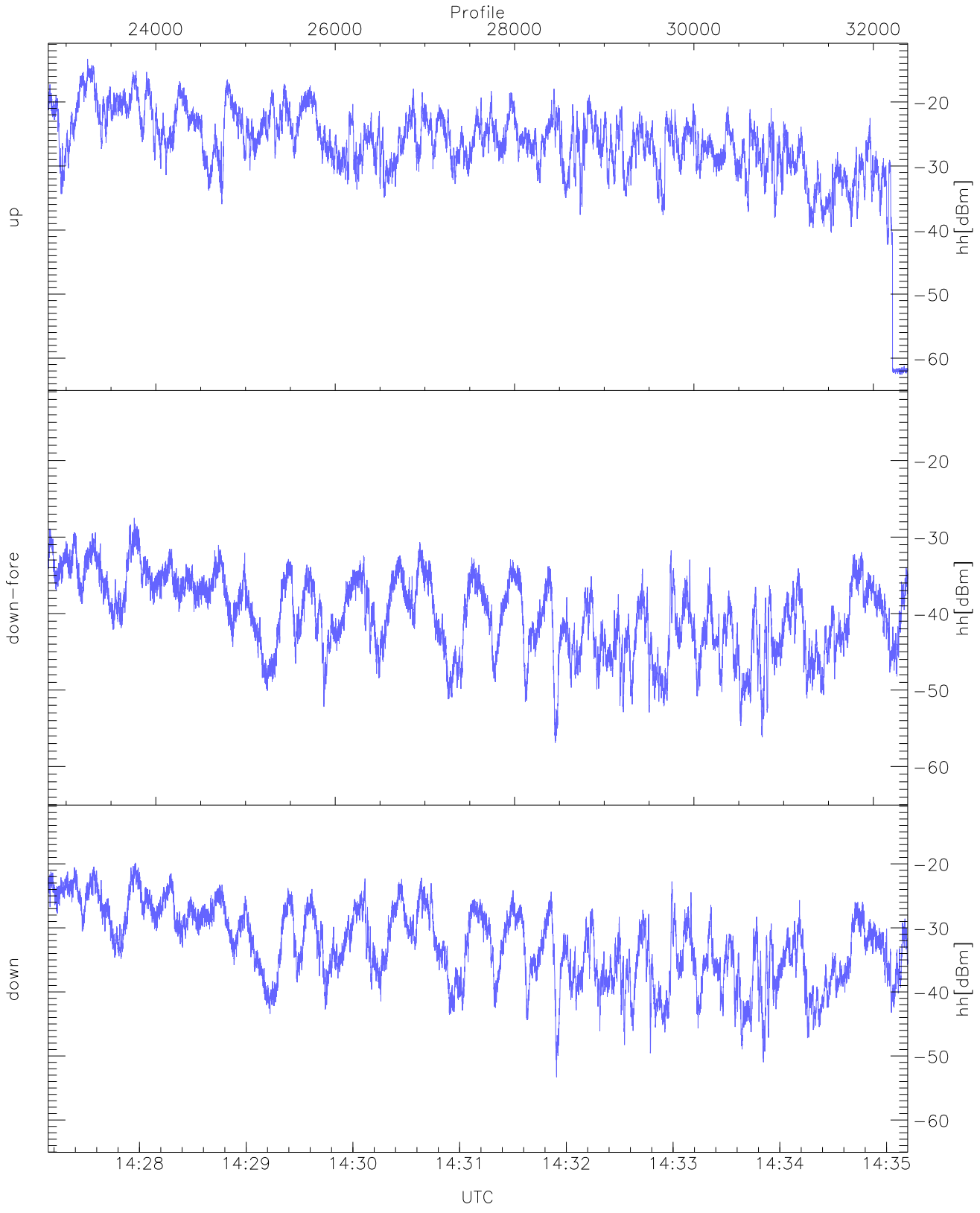
WCR2 CPP Averaged Received power for all recorded gates
blue: 142709-143110, 4793 profiles averaged
red: 143110-143512, 4793 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 142709-143110, 4793 profiles averaged
red: 143110-143512, 4793 profiles averaged

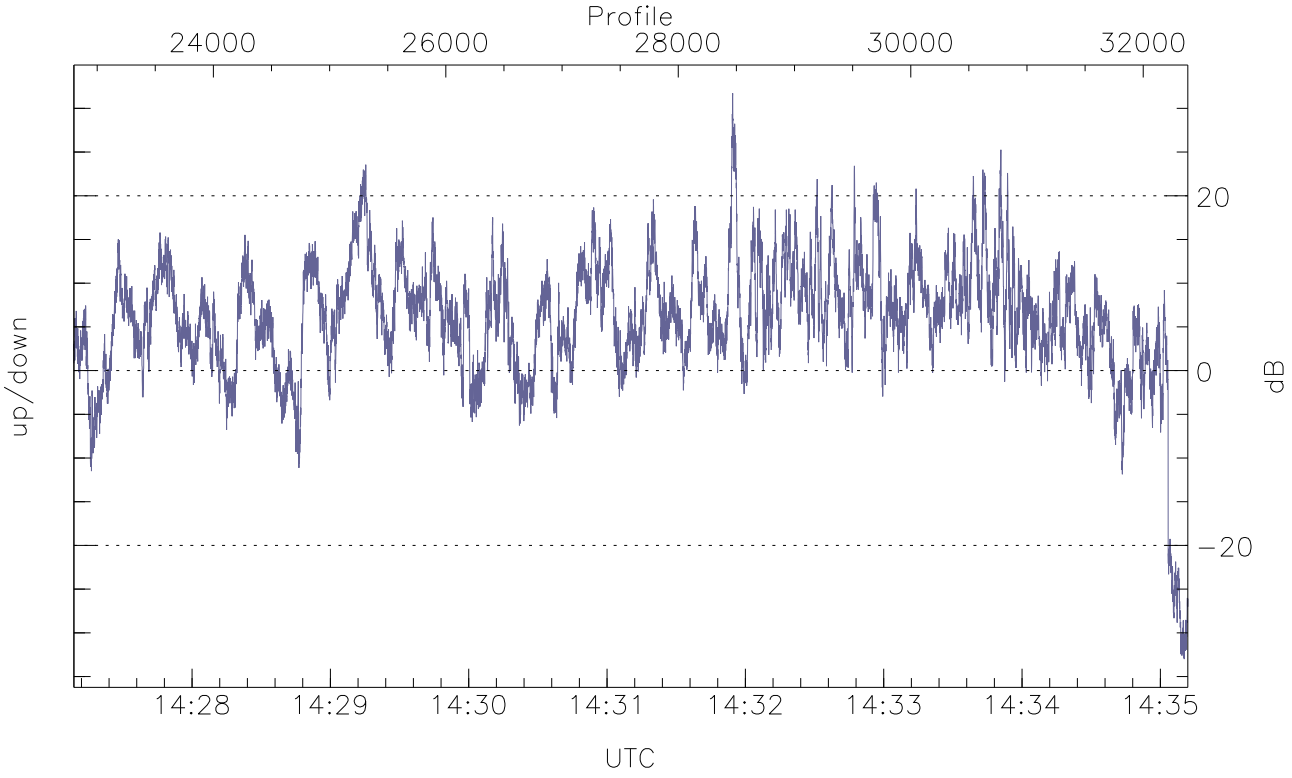


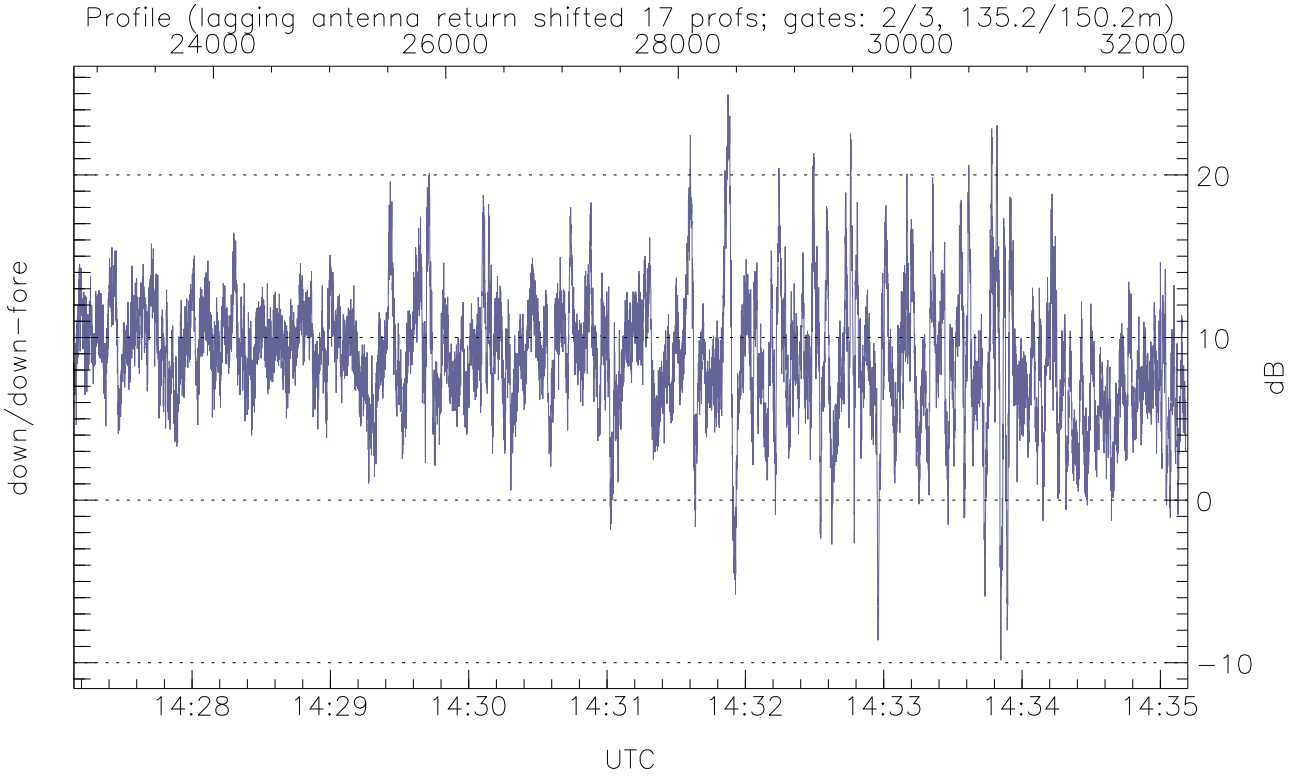
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



WCR2 CPP Received Power Products for Range gate 2 (135.2 m)

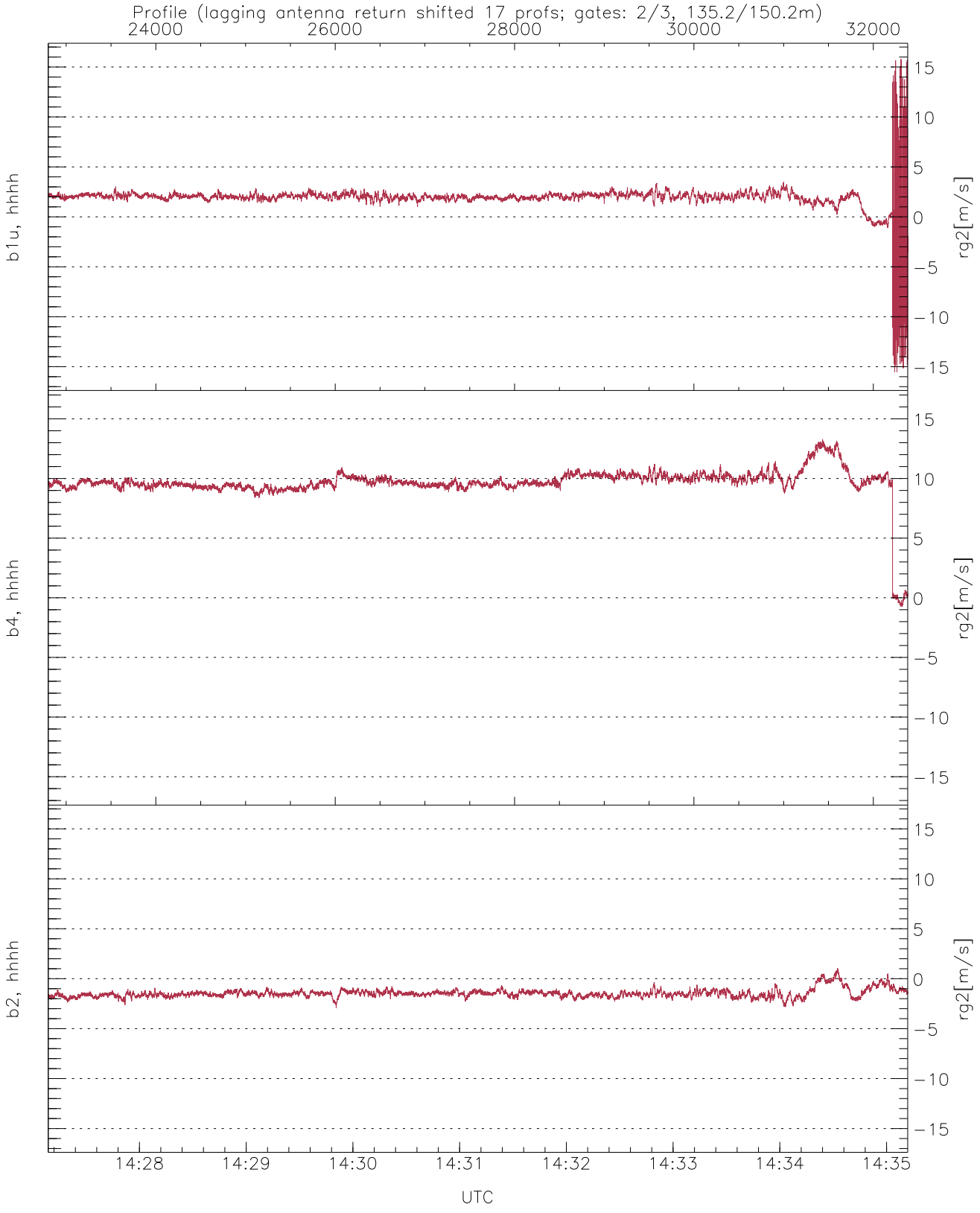
	Min	Max	Mean
up(hh[dBm])	-62.58	-13.29	-23.95
down-fore(hh[dBm])	-56.90	-27.51	-37.66
down(hh[dBm])	-53.30	-19.86	-29.37





WCR2 Beam pairs Received Power Ratio(s); RangeGate: 2 (135 m)

	Min	Max	Mean
up/down(dB)	-33.00	31.72	5.86
down/down-fore(dB)	-9.85	24.94	8.77



WCR2 CPP Doppler Velocity Products at 135.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg2[m/s])	-15.55	15.80	1.91	1.36
b4, hhhh(rg2[m/s])	-0.74	13.29	9.66	1.48
b2, hhhh(rg2[m/s])	-2.93	1.05	-1.46	0.43