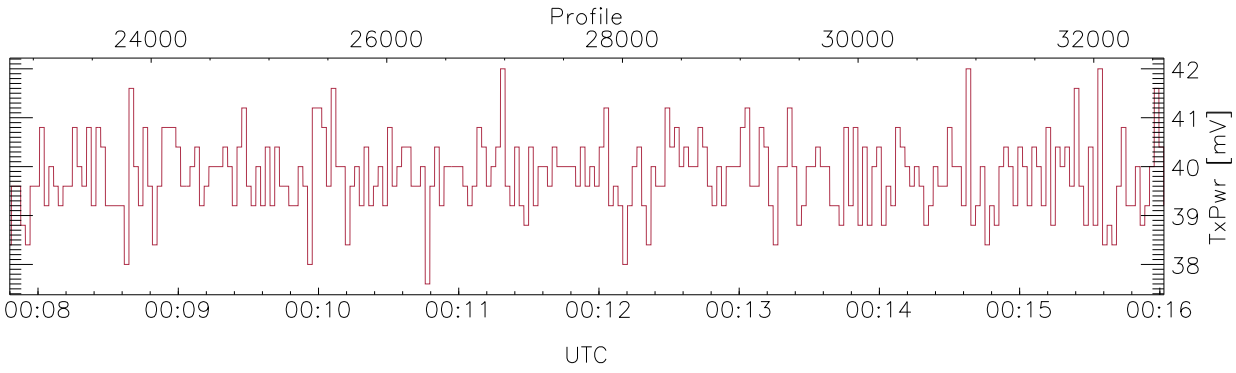
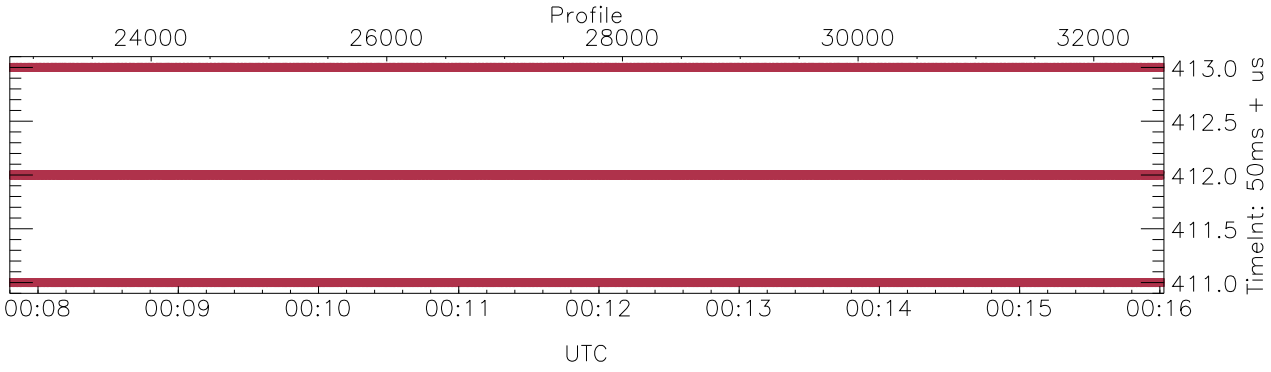
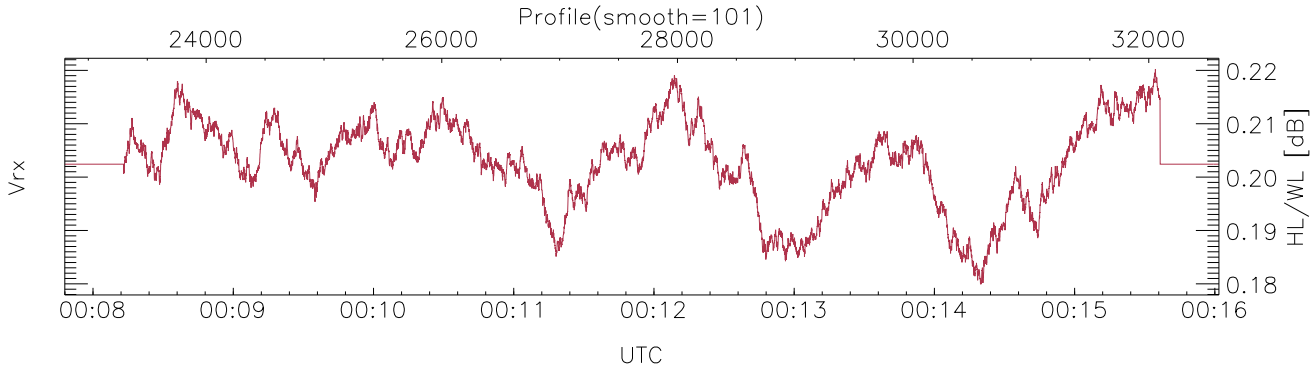
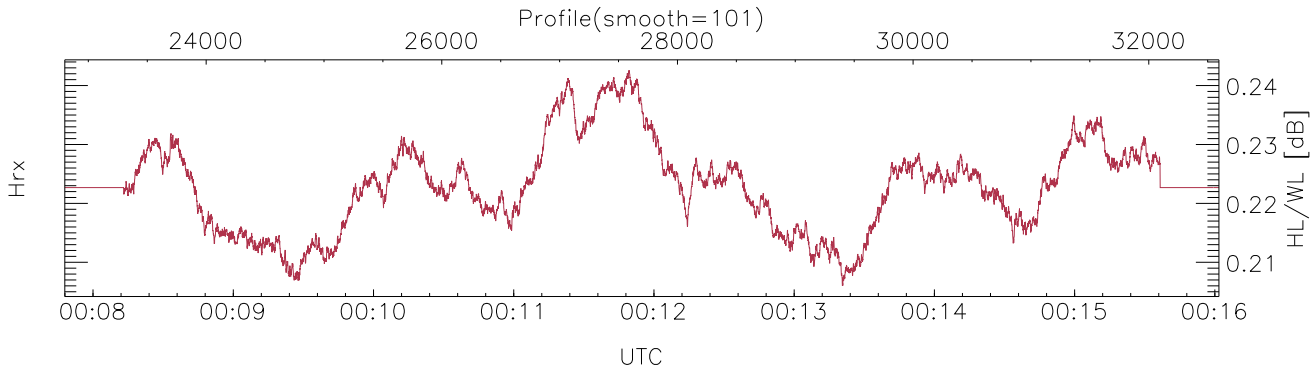


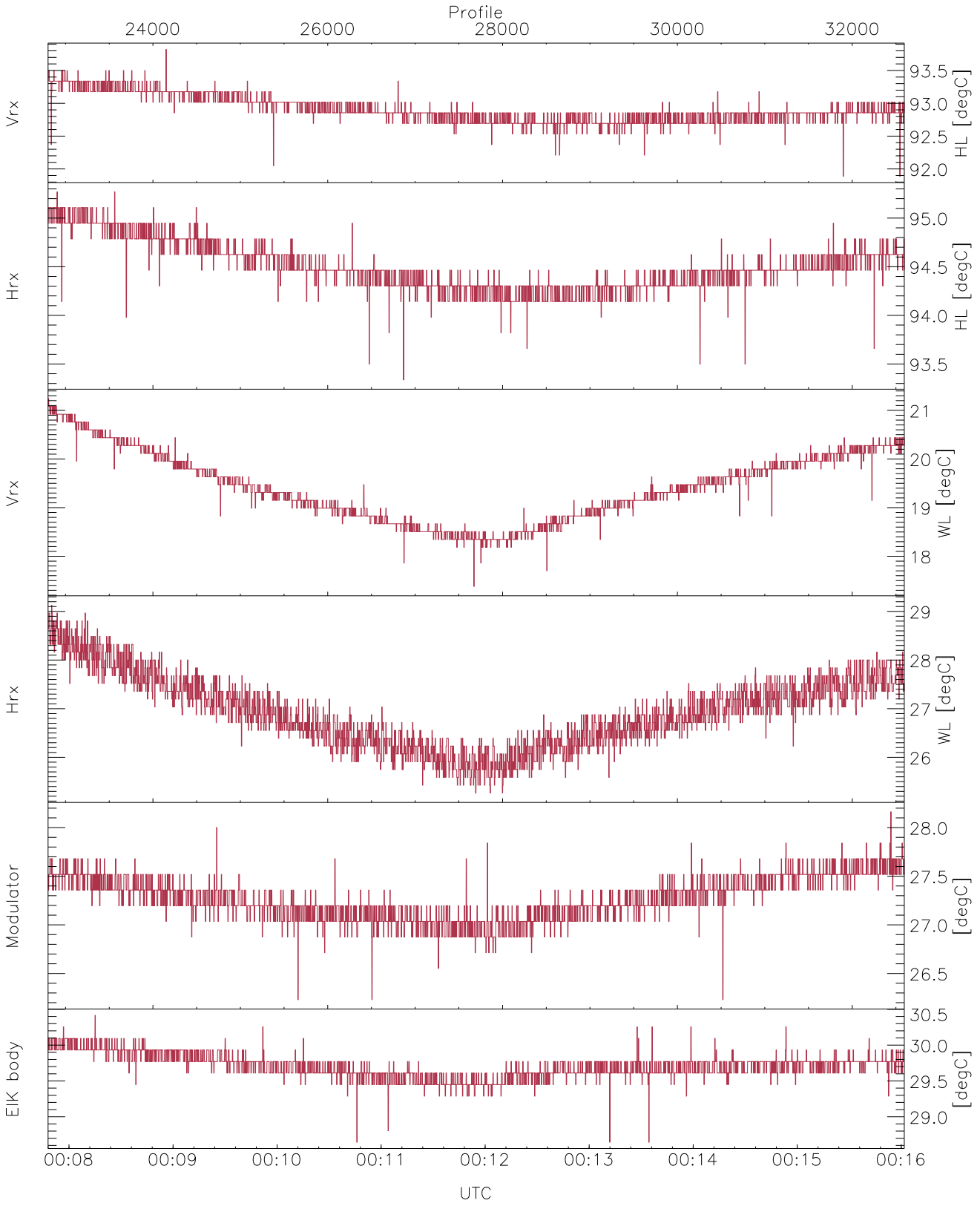






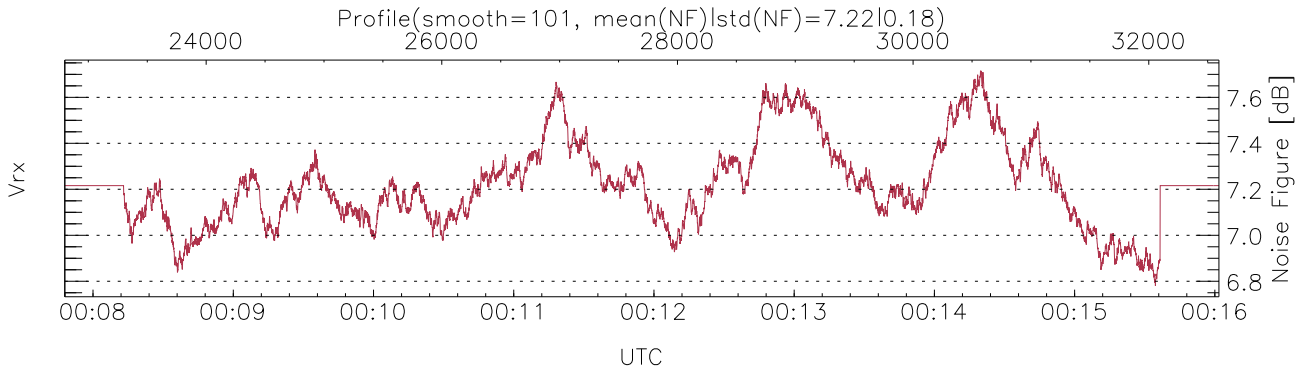
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

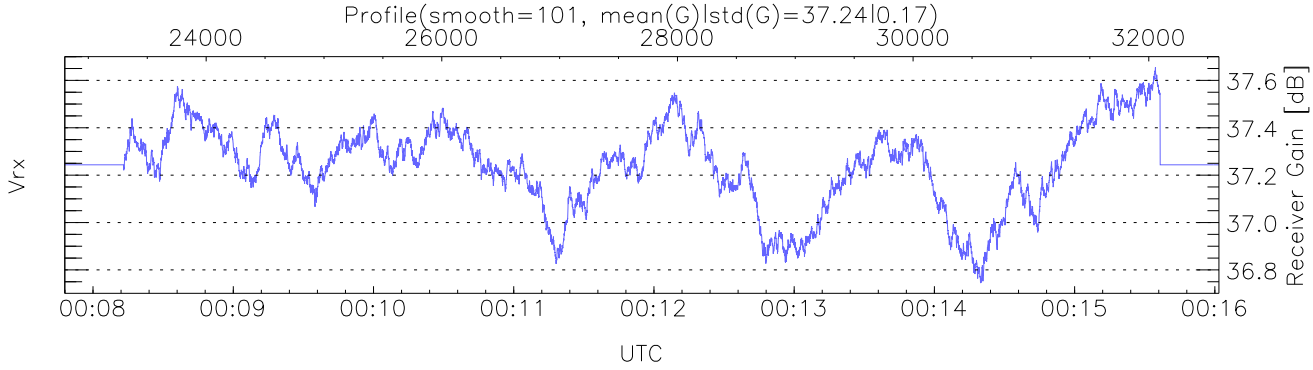
UTC: 23:48:39-00:16:02, Dur: 1643.25s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
NumRec(r/t): 9797/32597, 22800-32596/00:07:48-00:16:02
AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
PRF: 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|sideup|error): 1

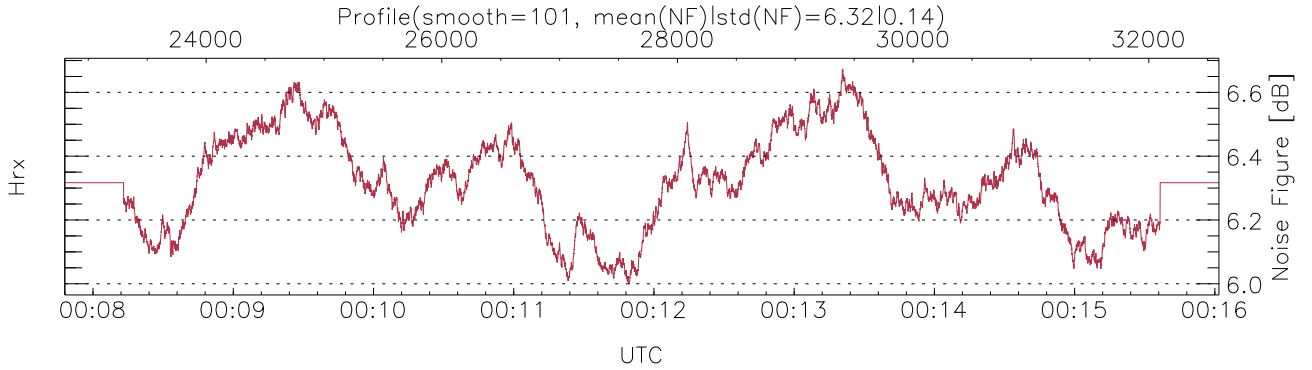


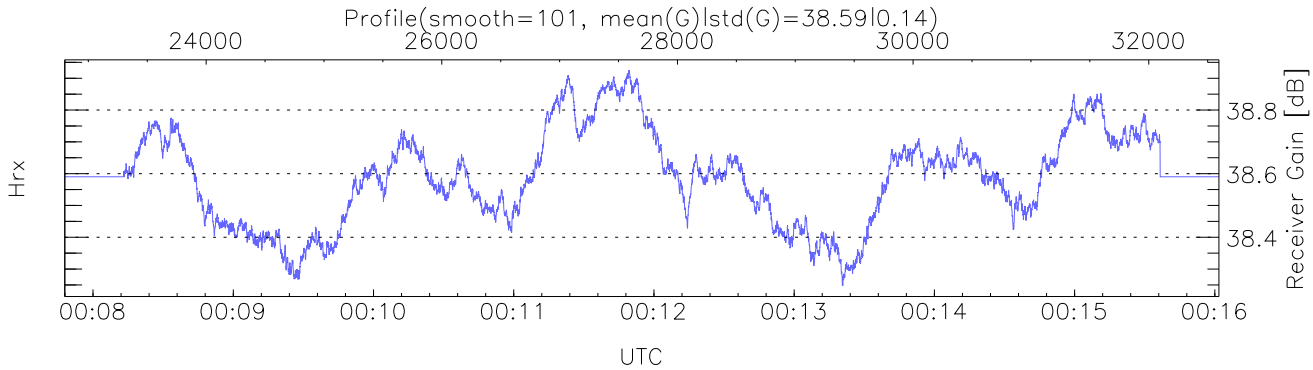
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,17,25,26,28
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,21,29,28,30
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (5,5,5,5,5,5)



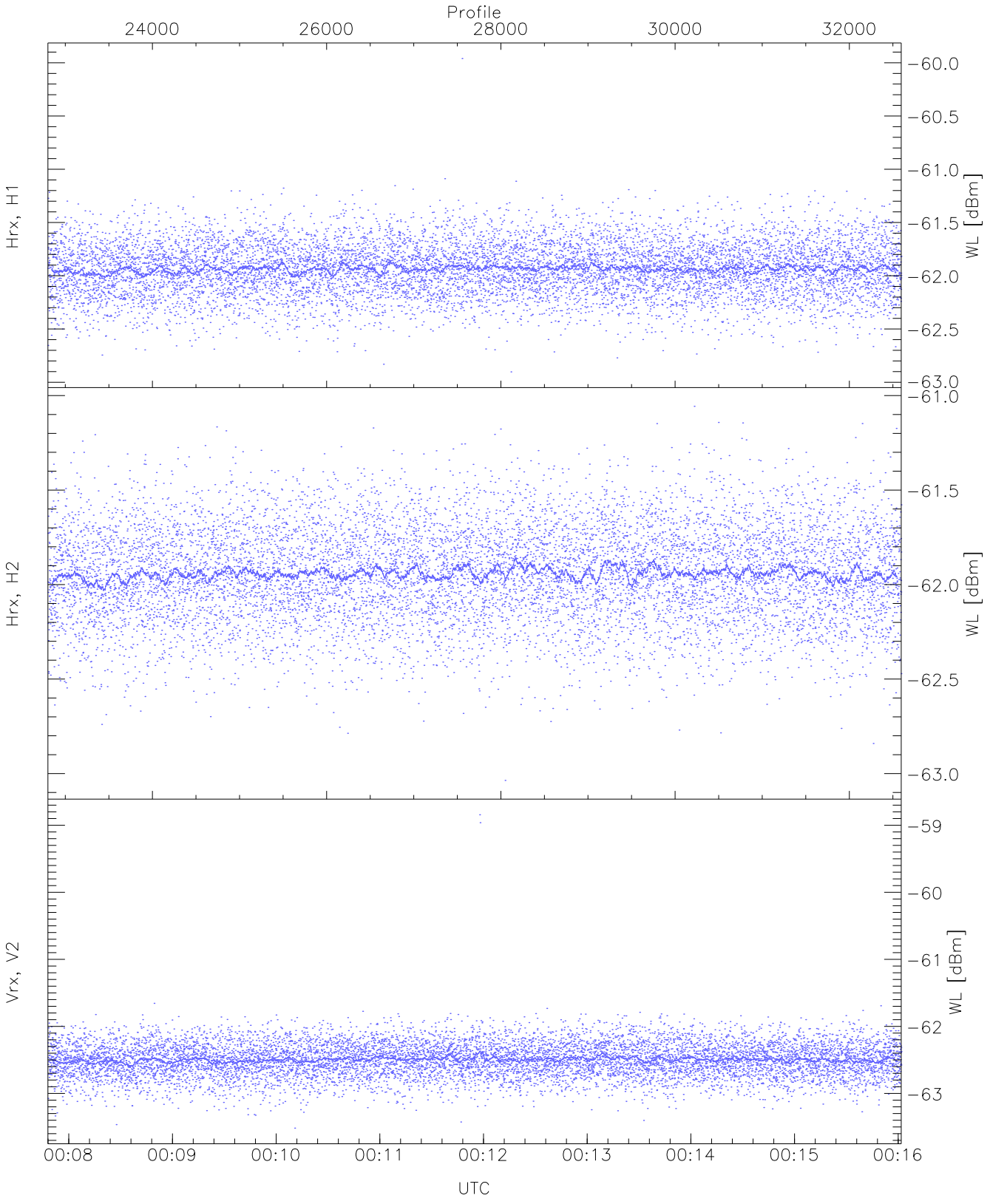






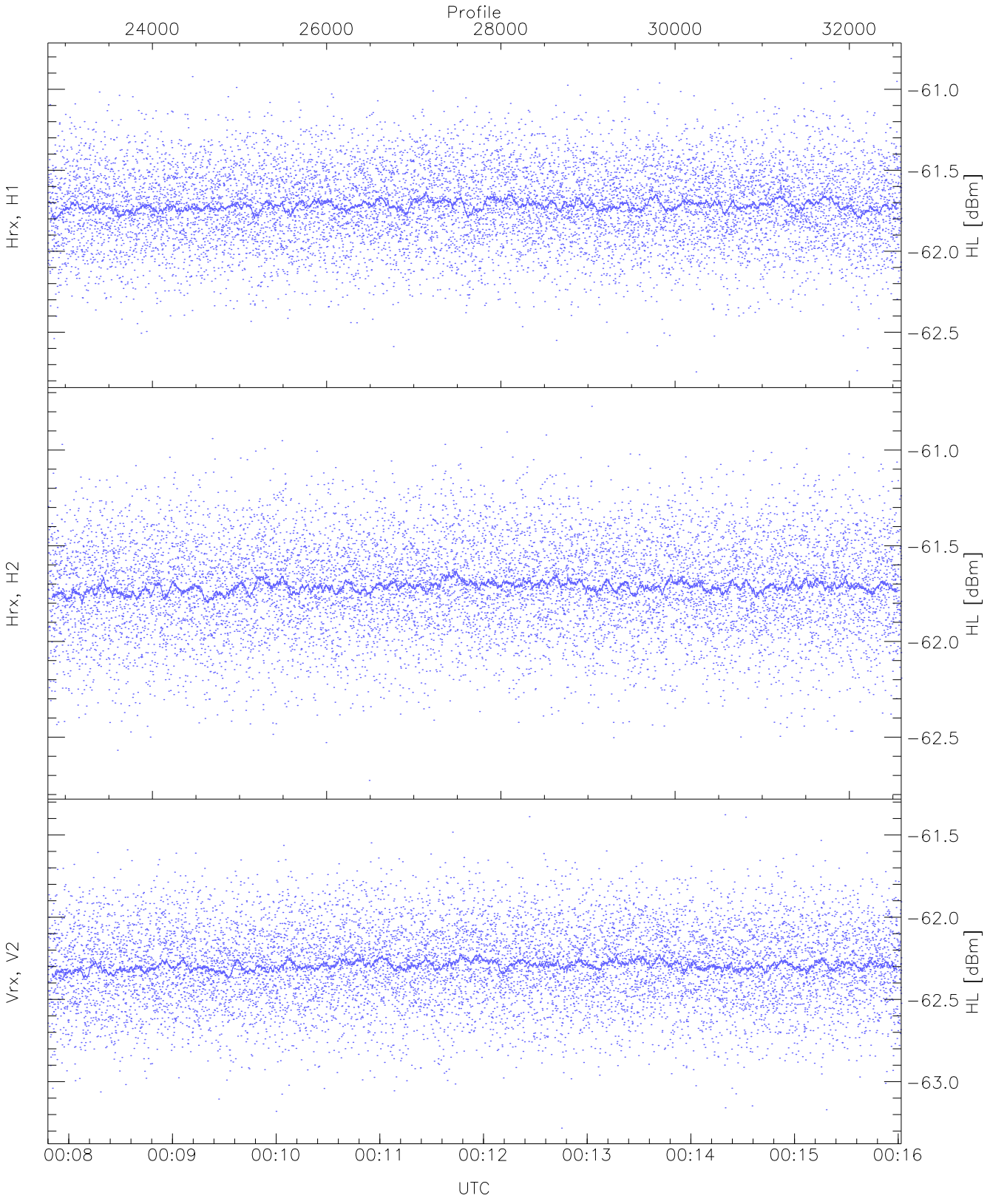
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 16 pixs, 3 gates, 16 profs, 1 prods



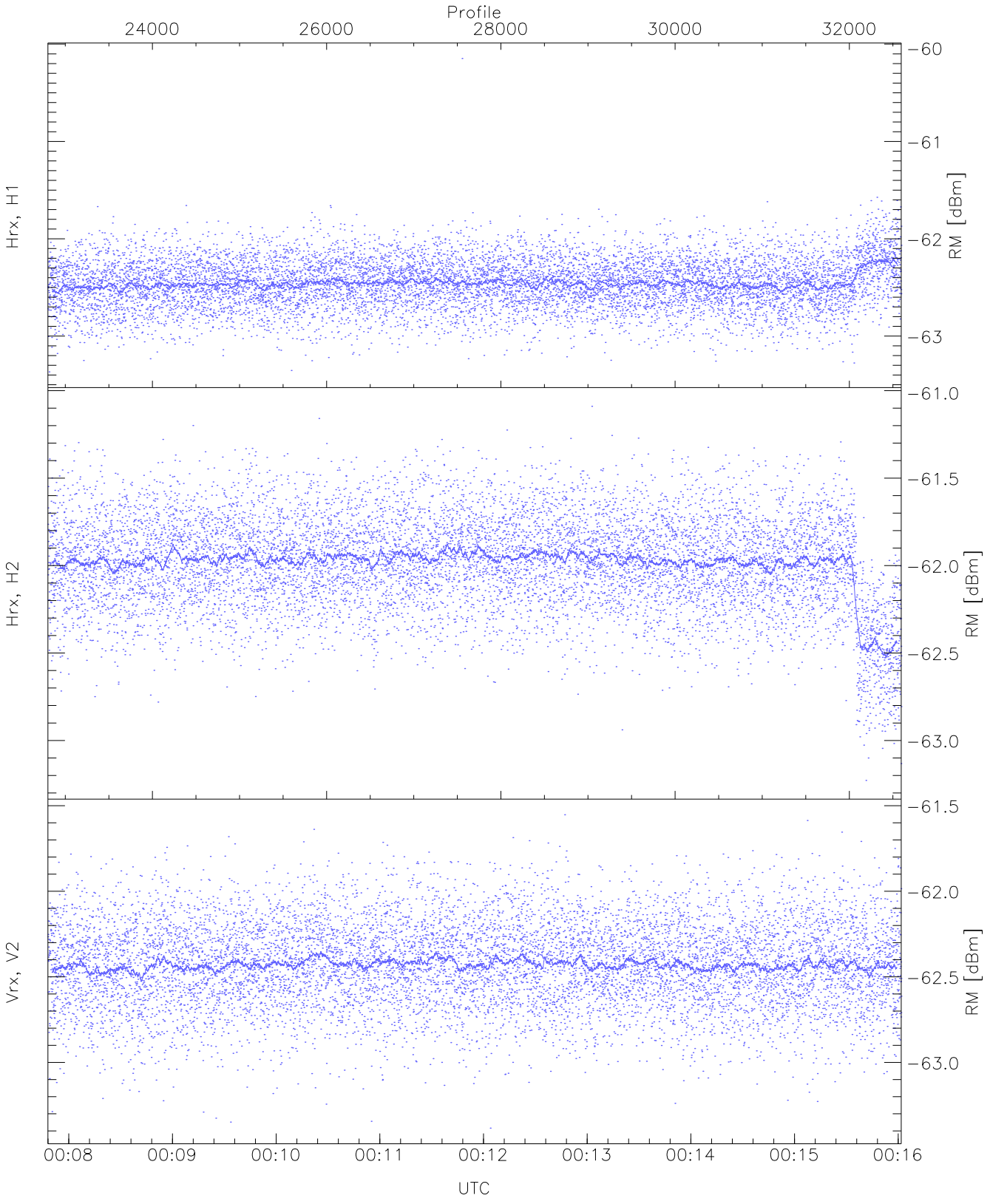
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.90	-59.96	-61.93	-61.93	-74.48
Hrx, H2(WL [dBm])	-63.04	-61.06	-61.94	-61.95	-74.48
Vrx, V2(WL [dBm])	-63.52	-58.84	-62.49	-62.49	-74.80



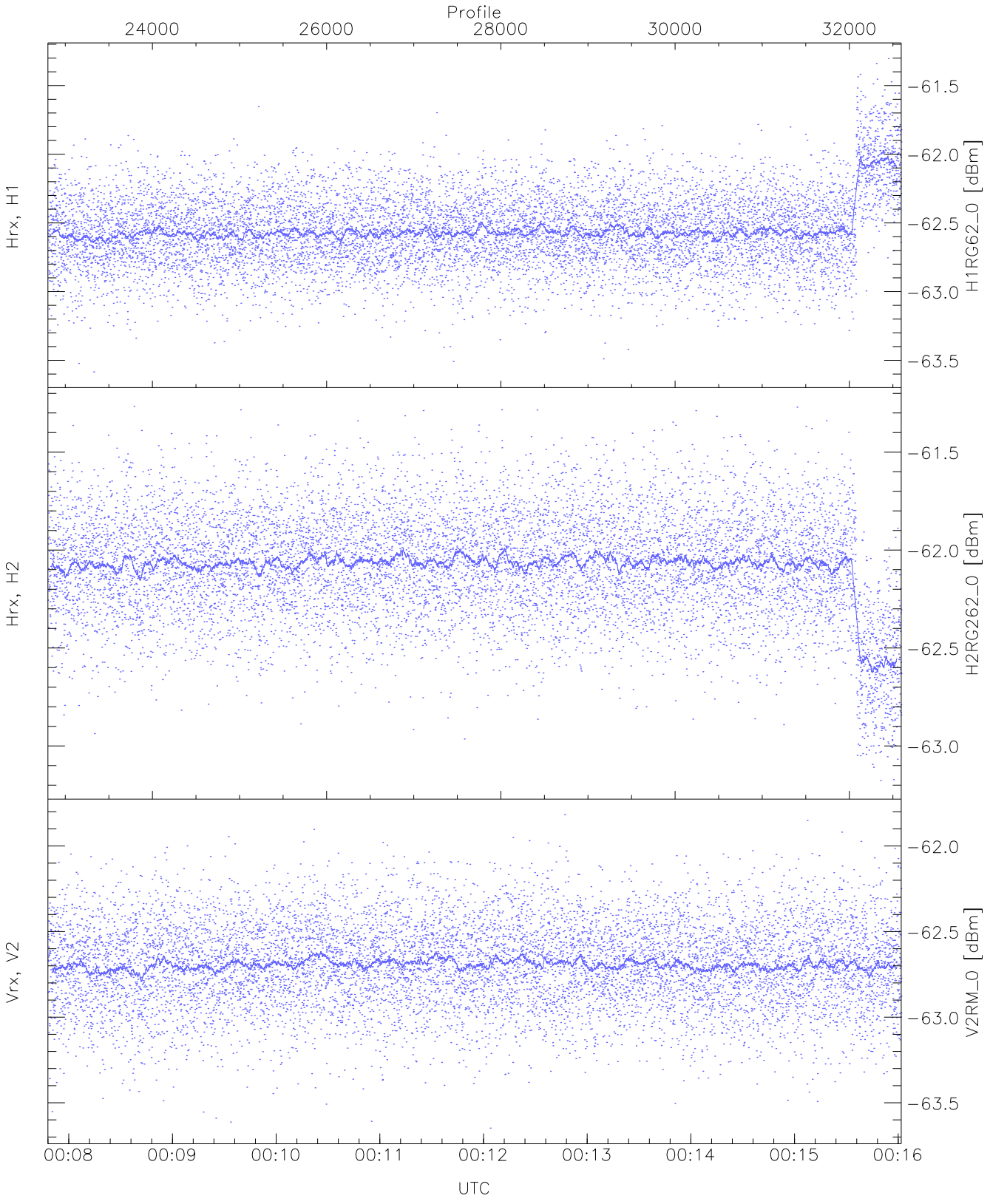
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.75	-60.81	-61.71	-61.72	-74.28
Hrx, H2(HL [dBm])	-62.73	-60.77	-61.71	-61.72	-74.21
Vrx, V2(HL [dBm])	-63.28	-61.38	-62.29	-62.29	-74.85



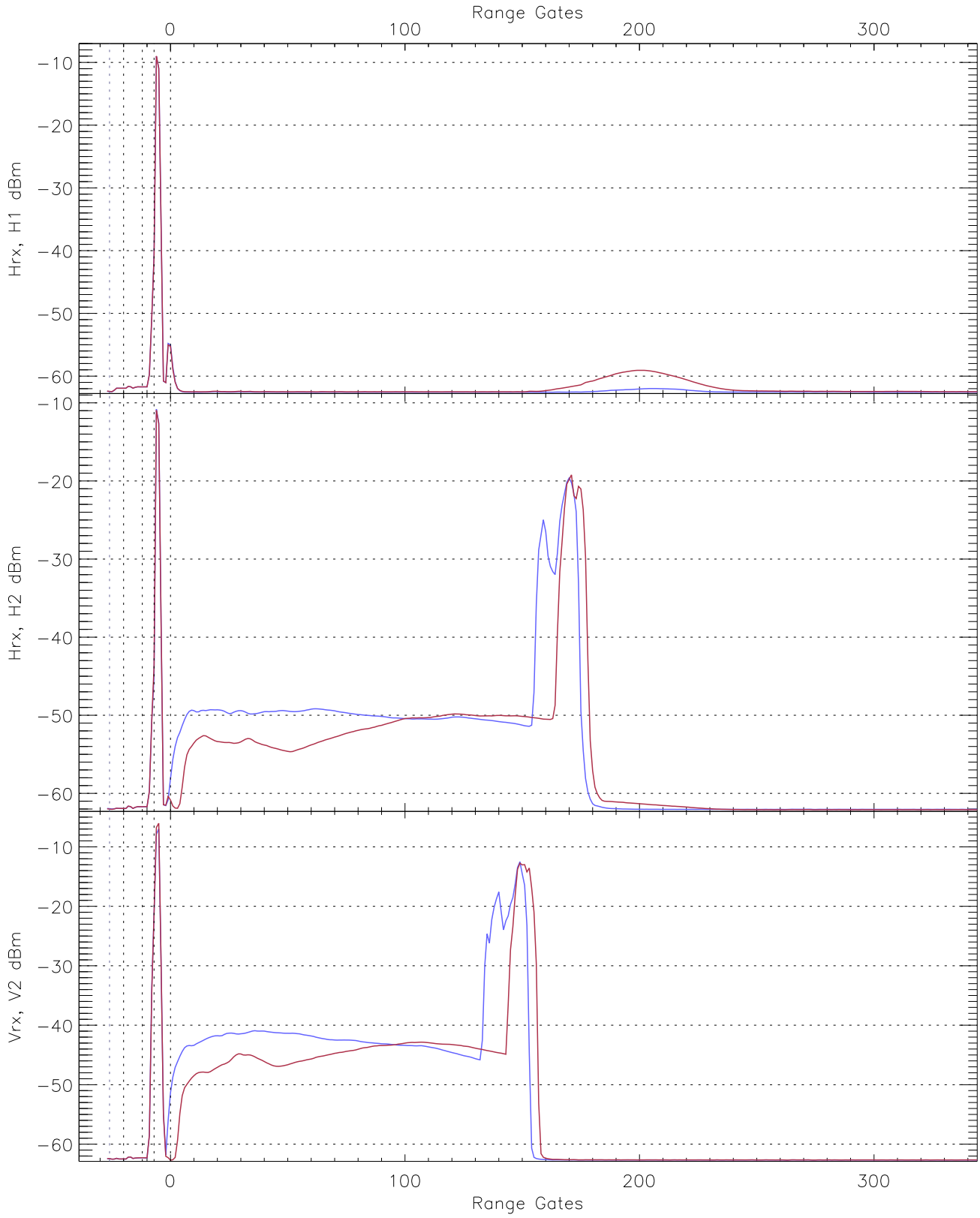
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.37	-60.15	-62.45	-62.45	-74.88
Hrx, H2(RM [dBm])	-63.23	-61.09	-61.98	-61.98	-74.19
Vrx, V2(RM [dBm])	-63.38	-61.55	-62.42	-62.43	-75.02

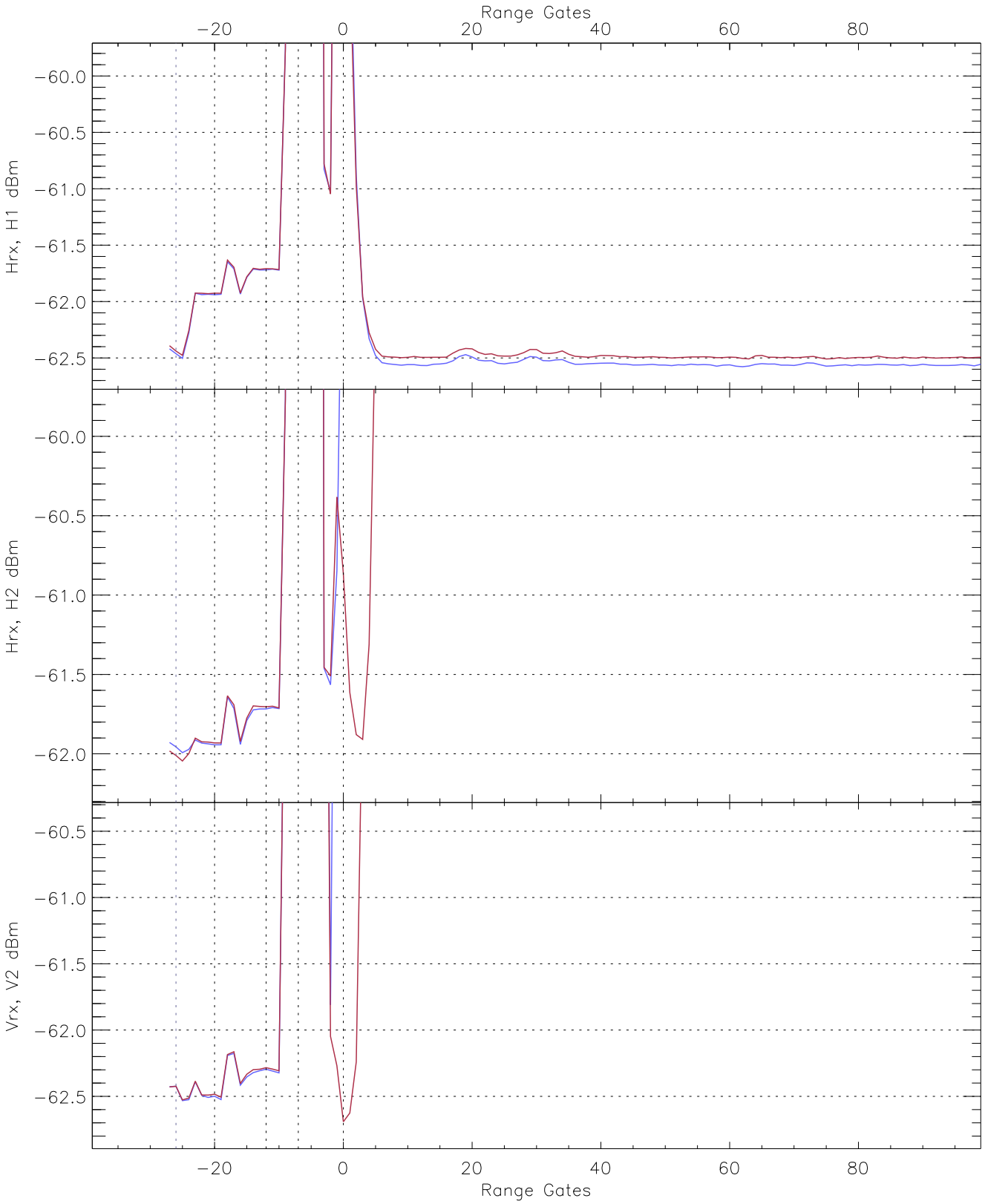


WCR2 CPP "Best" estimate Receivers Noise Power

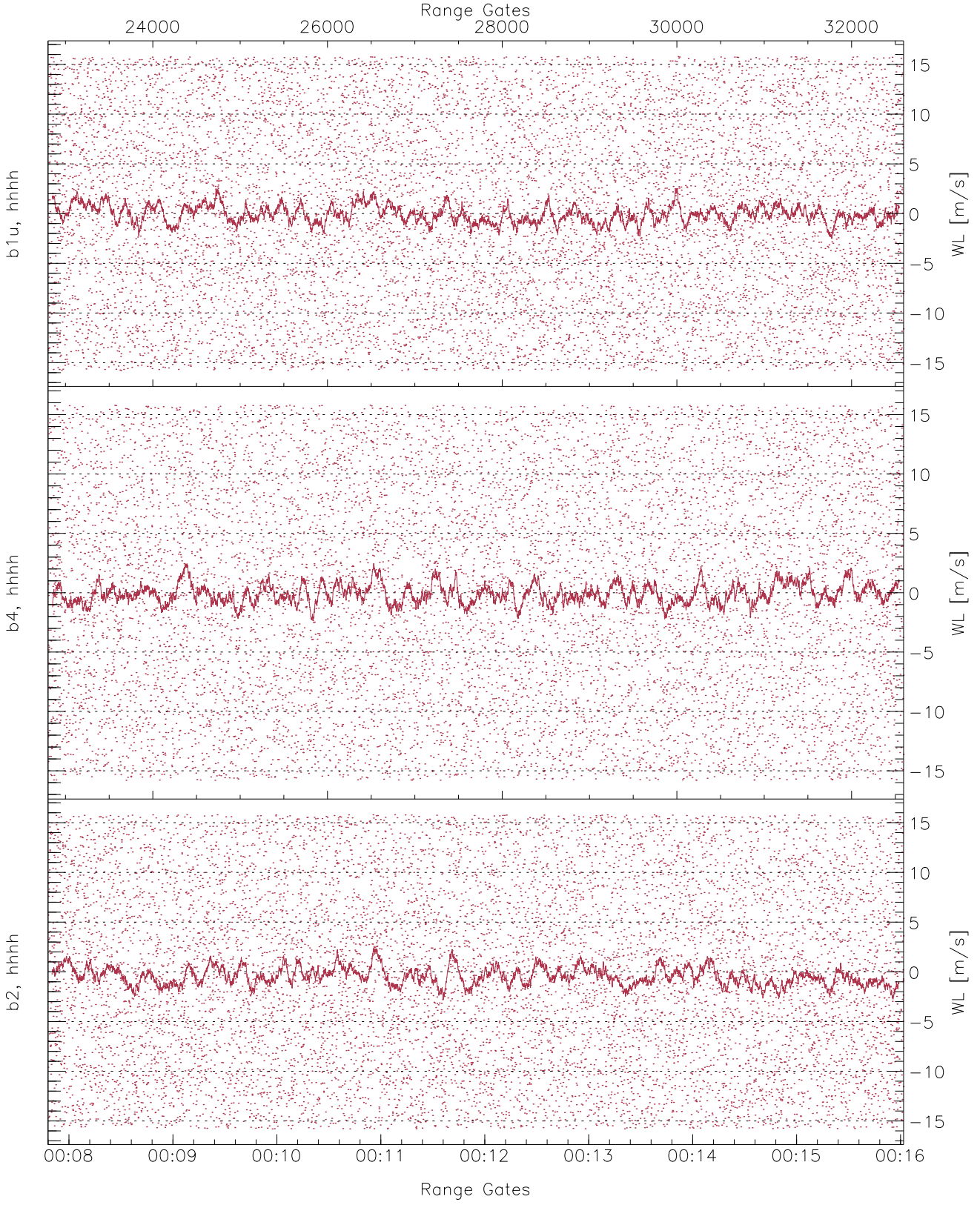
	Min	Max	Mean	Median	StDev
H1RG62_0 [dBm]	-63.58	-61.30	-62.54	-62.56	-74.62
H2RG262_0 [dBm]	-63.18	-61.27	-62.08	-62.08	-74.24
V2RM_0 [dBm]	-63.65	-61.82	-62.69	-62.69	-75.28



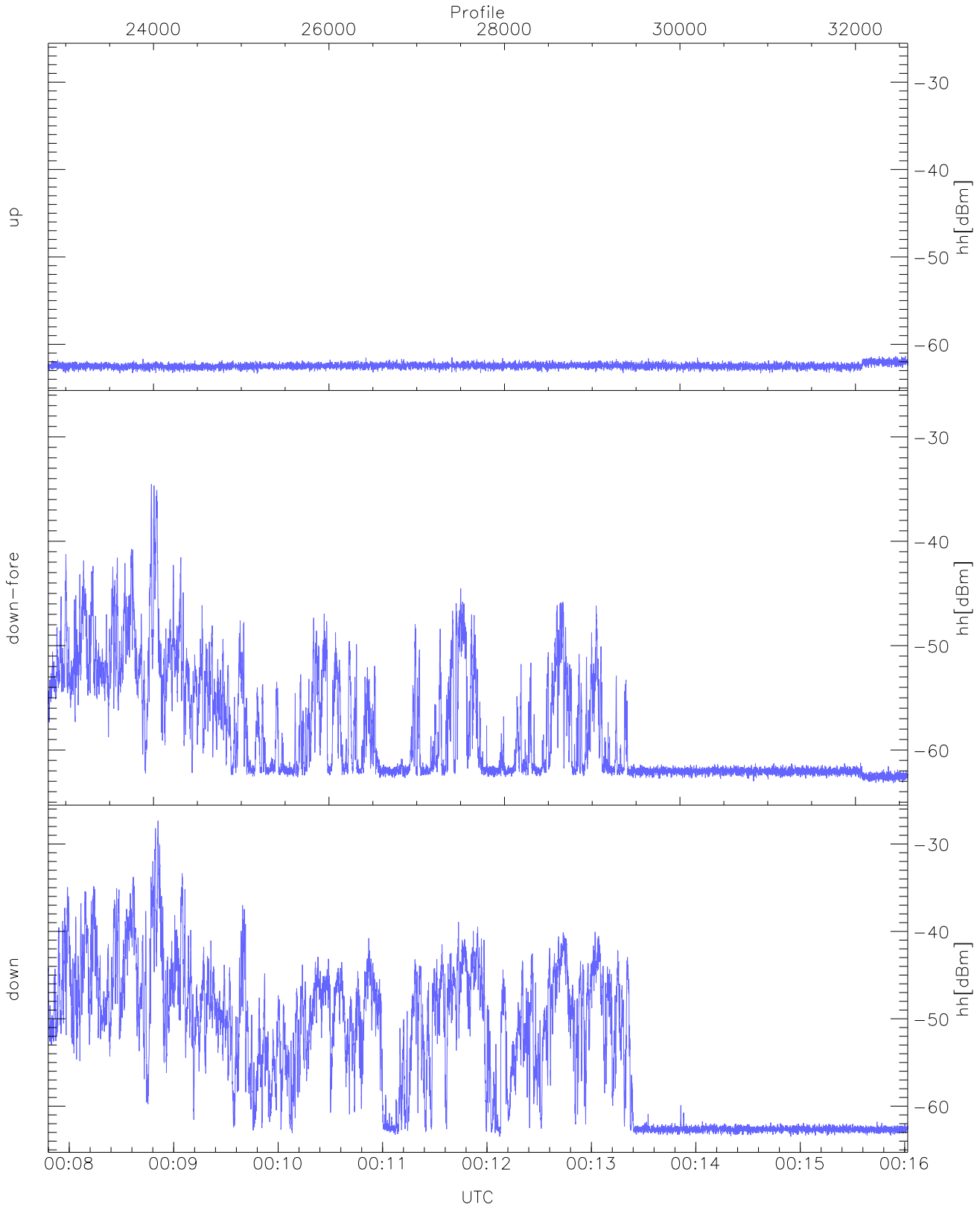
WCR2 CPP Averaged Received power for all recorded gates
blue: 000748-001155, 4899 profiles averaged
red: 001155-001602, 4899 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 000748-001155, 4899 profiles averaged
red: 001155-001602, 4899 profiles averaged

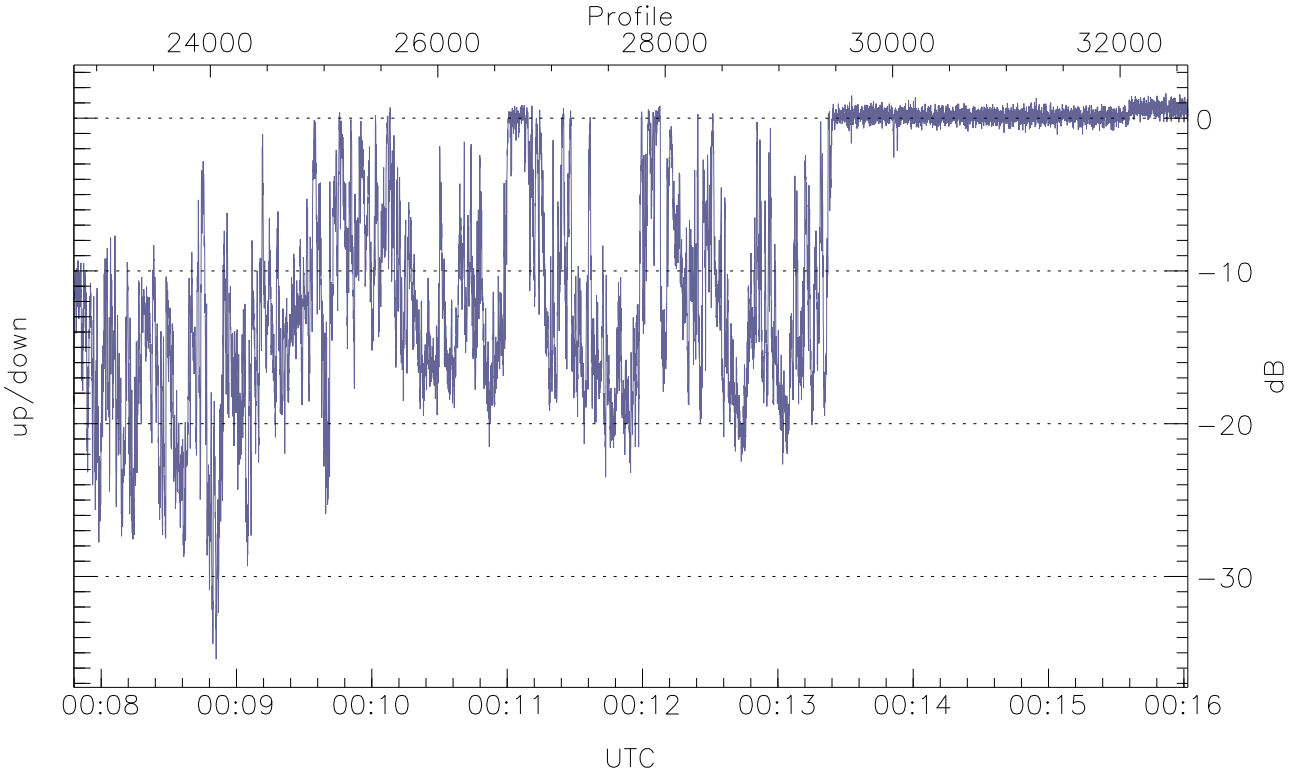


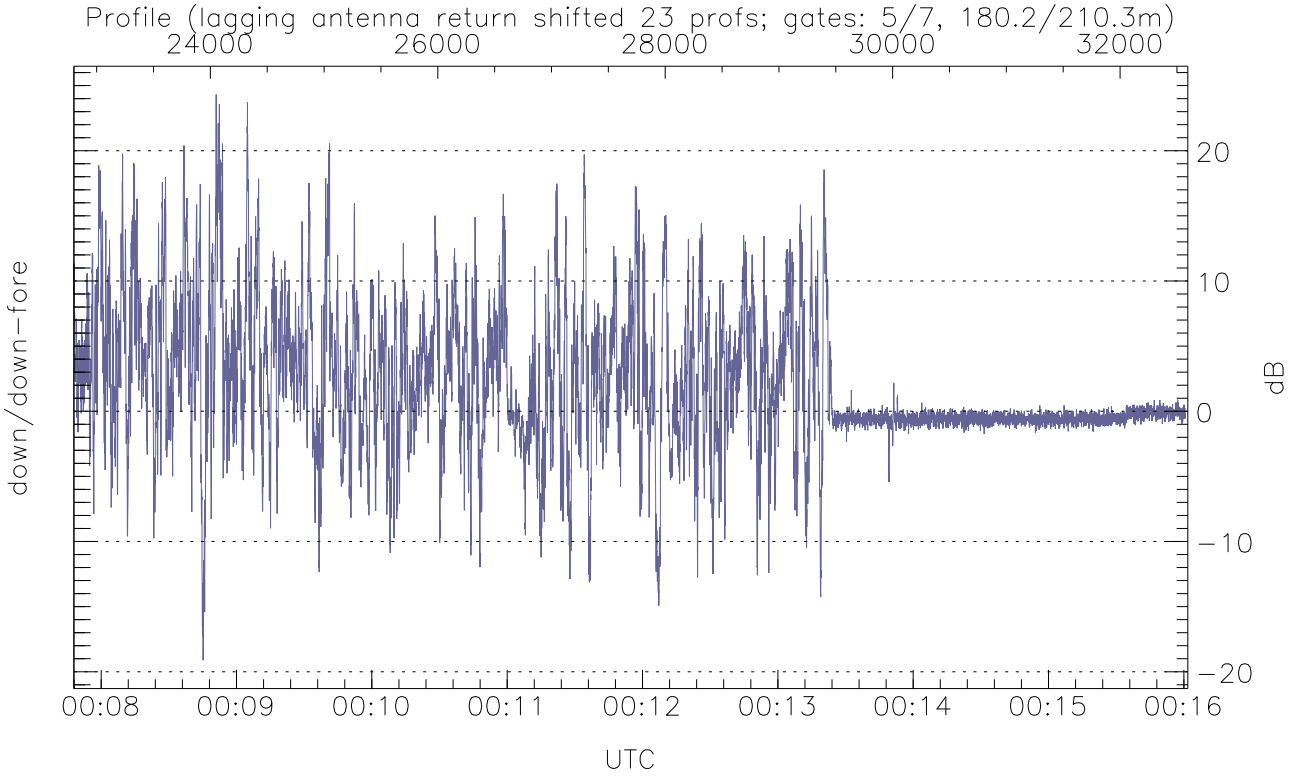
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

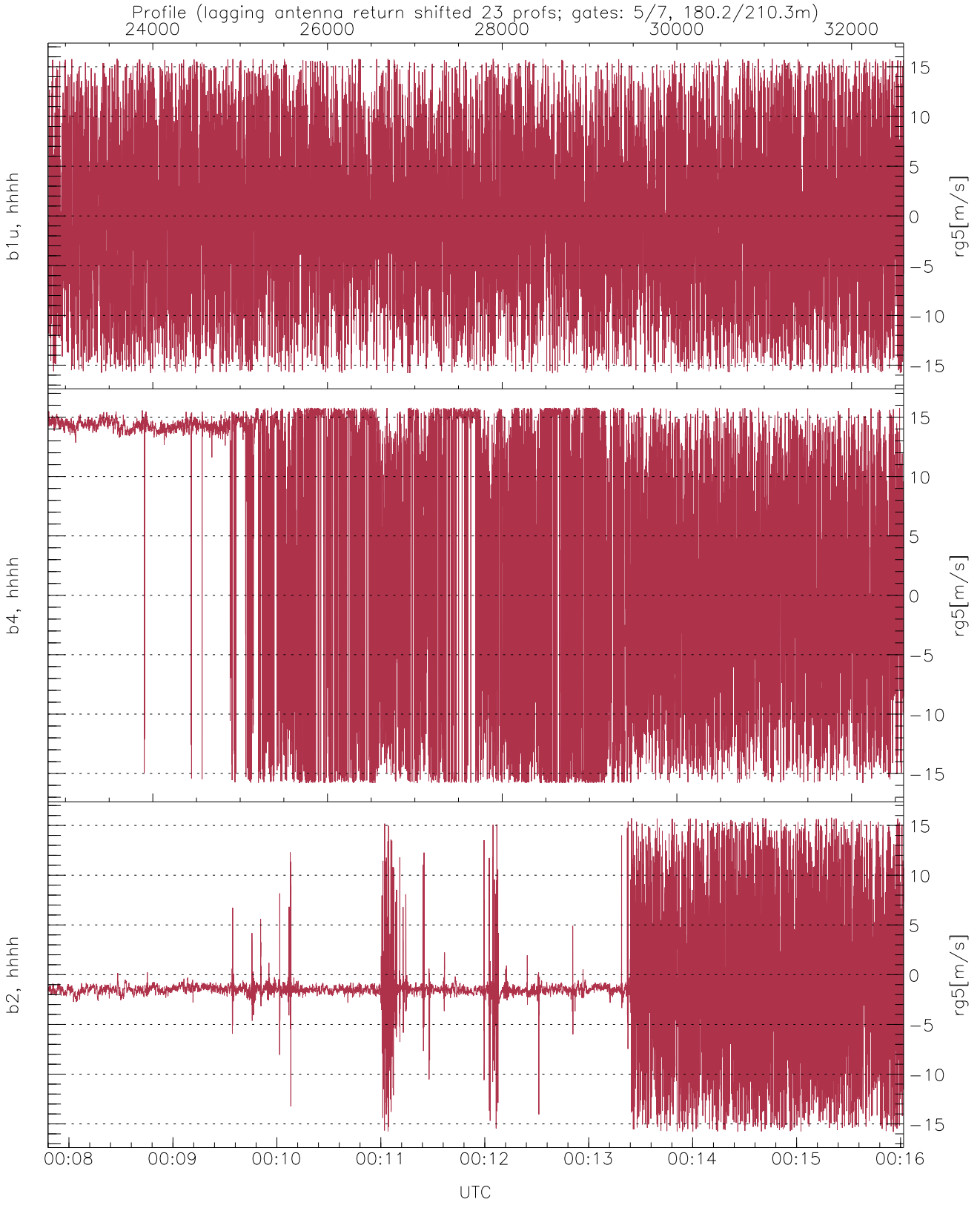
	Min	Max	Mean
up(hh[dBm])	-63.34	-61.35	-62.45
down-fore(hh[dBm])	-63.17	-34.51	-53.68
down(hh[dBm])	-63.48	-27.36	-46.71





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

	Min	Max	Mean
up/down(dB)	-35.41	1.63	-8.67
down/down-fore(dB)	-19.12	24.32	2.03



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.80	-0.11	8.23
b4, hhhh(rg5[m/s])	-15.80	15.80	4.66	11.33
b2, hhhh(rg5[m/s])	-15.79	15.77	-1.22	5.27