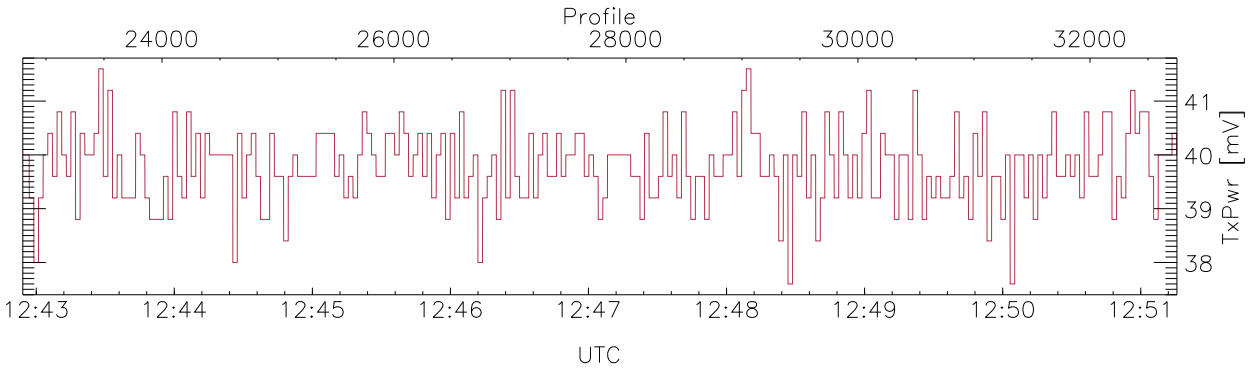
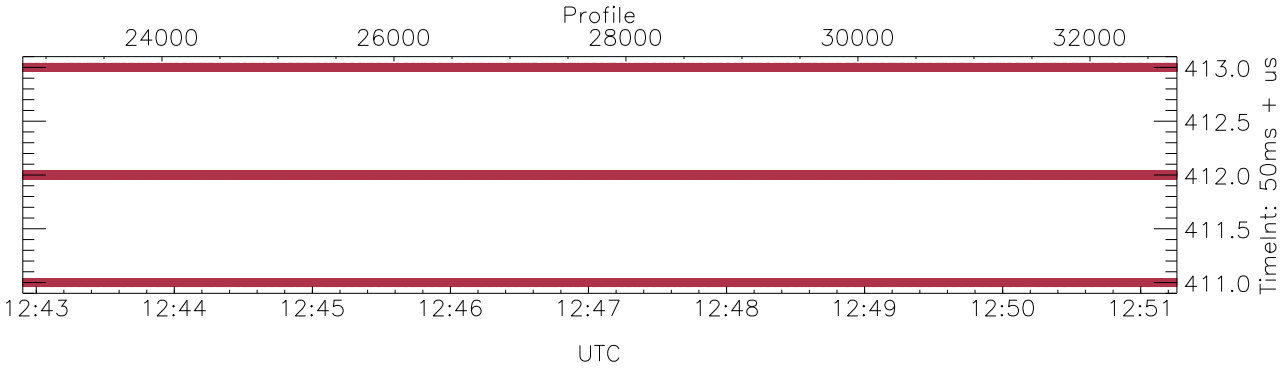
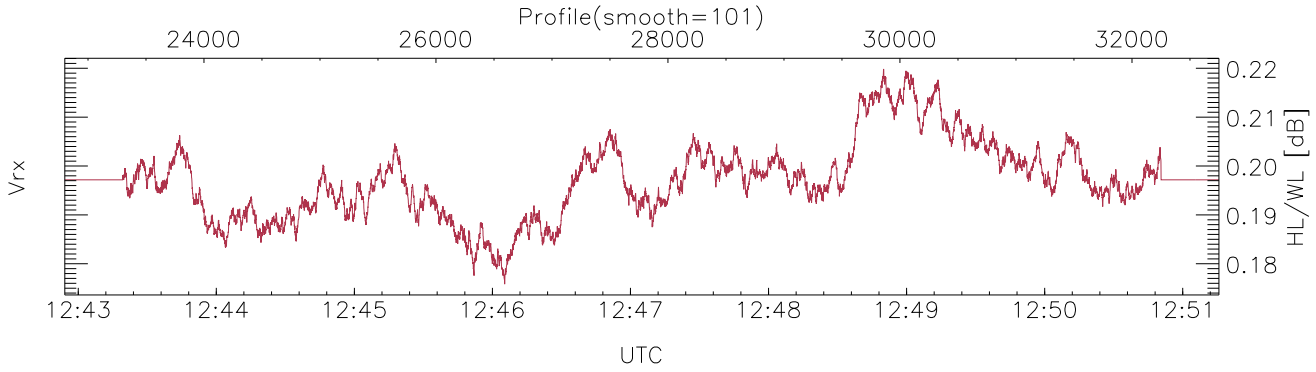
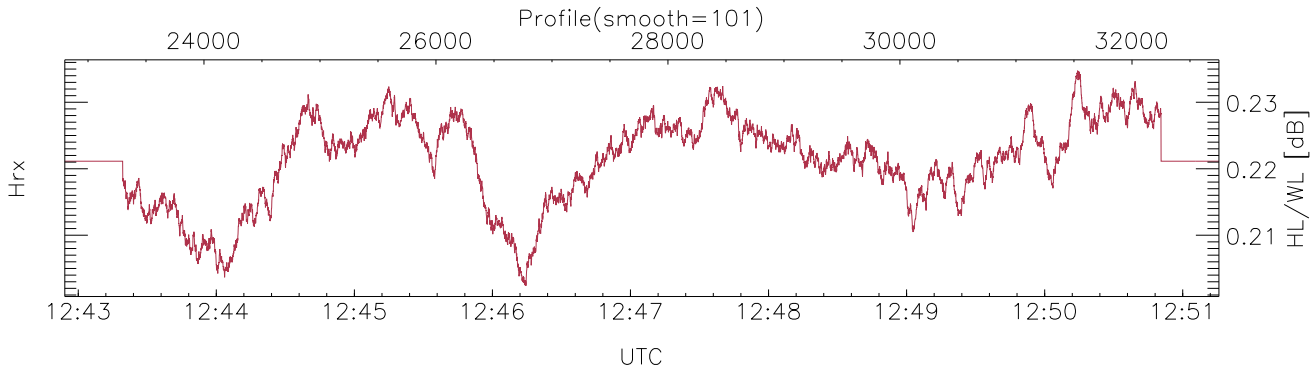


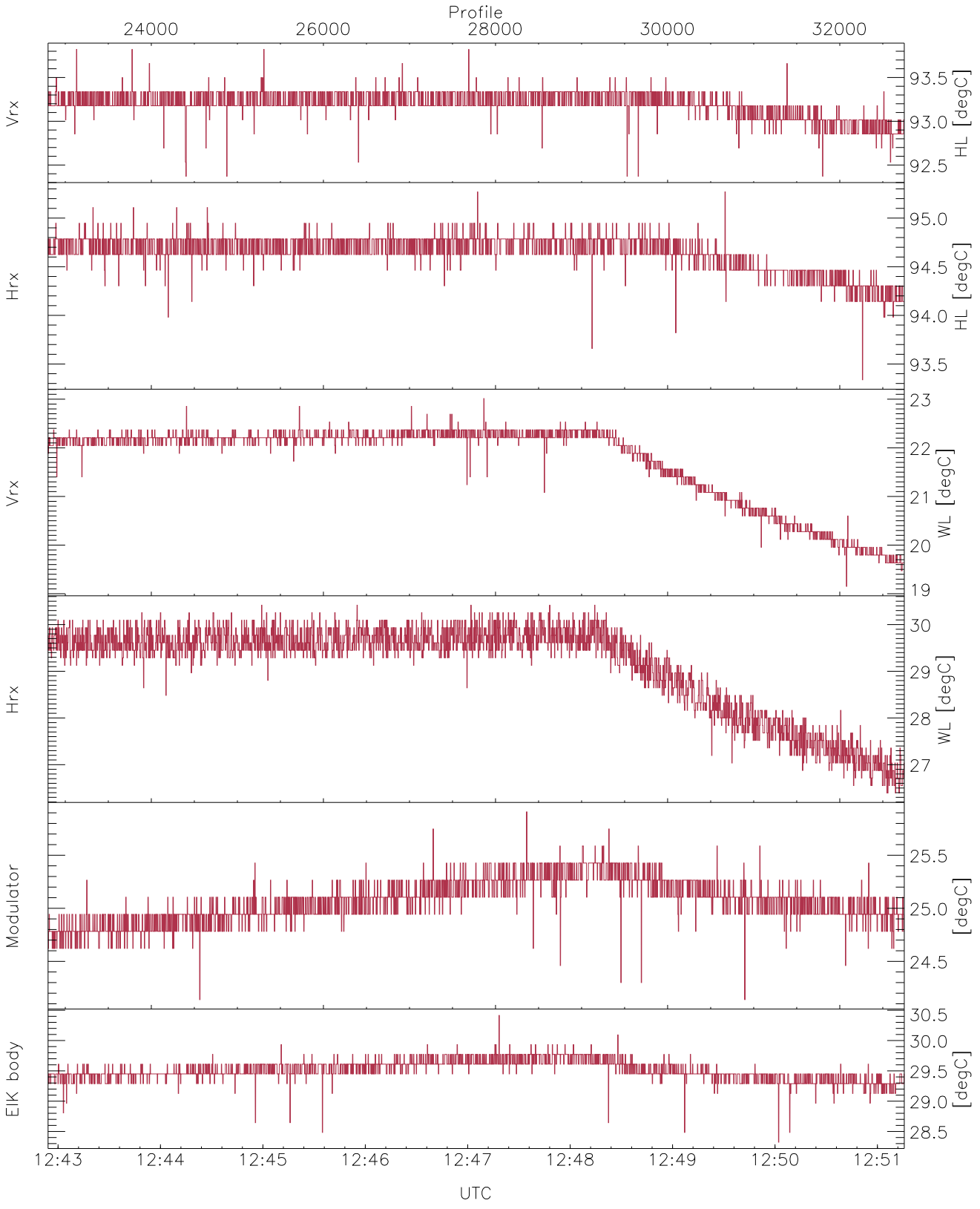






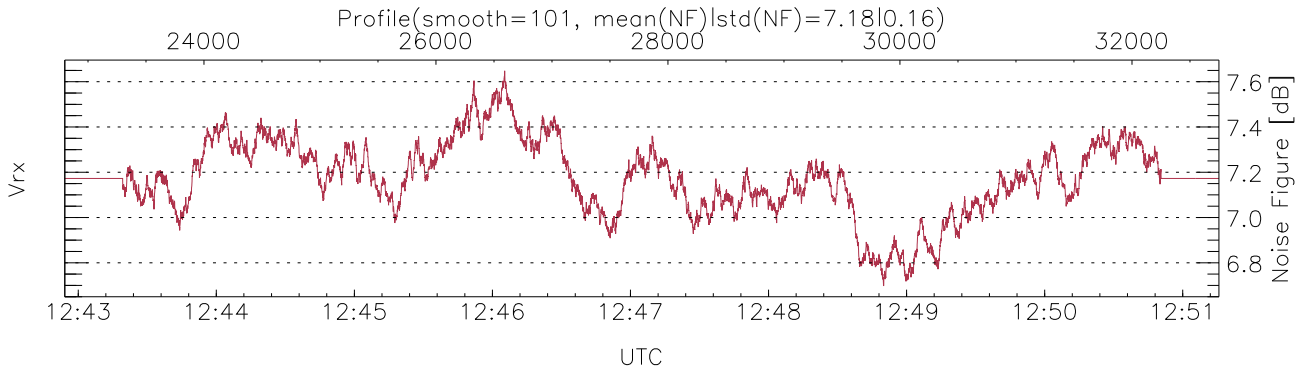
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

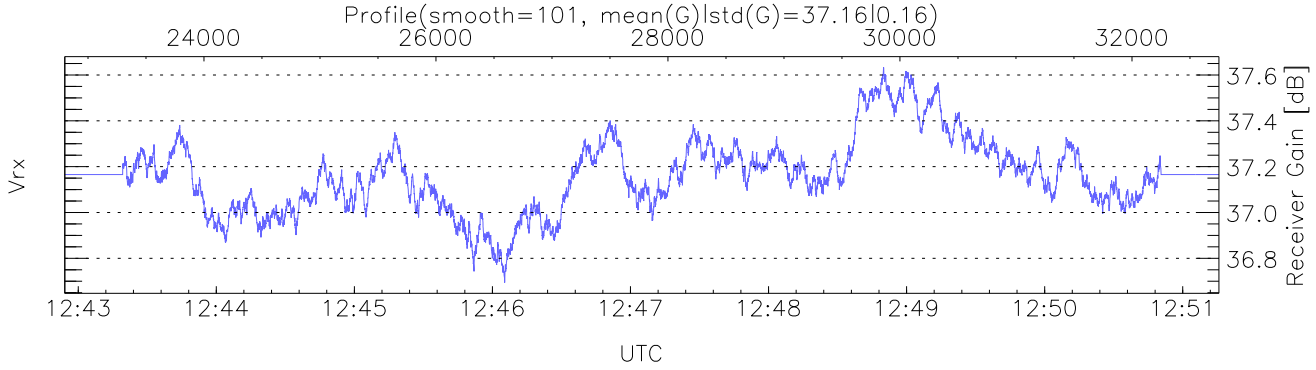
UTC: 12:23:45-12:51:16, Dur: 1651.01s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
NumRec(r/t): 9951/32751, 22800-32750/12:42:54-12:51:16
AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
PRF: 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

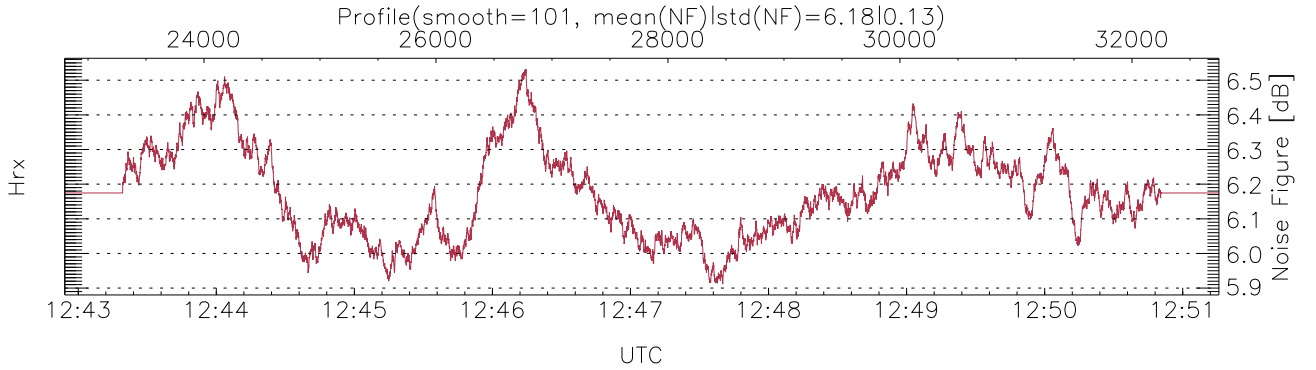


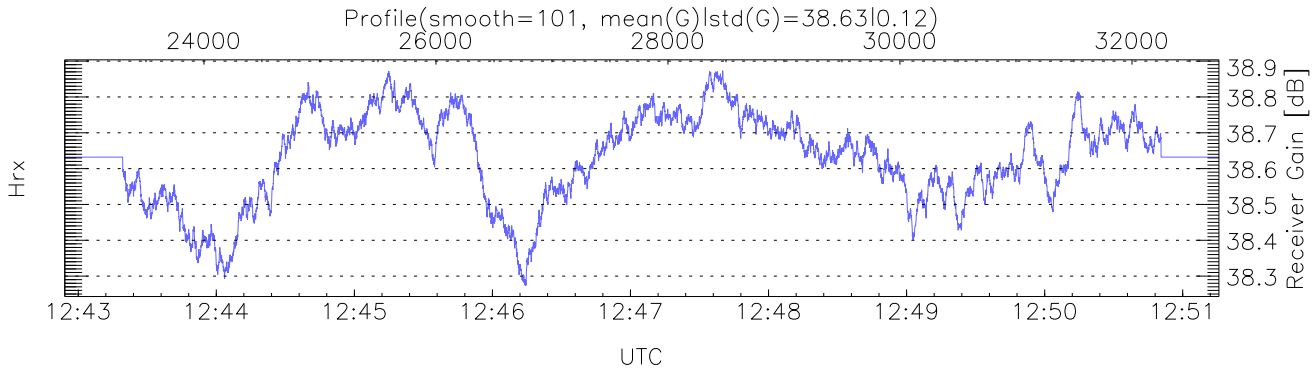
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,19,26,24,28
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,23,30,25,30
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)



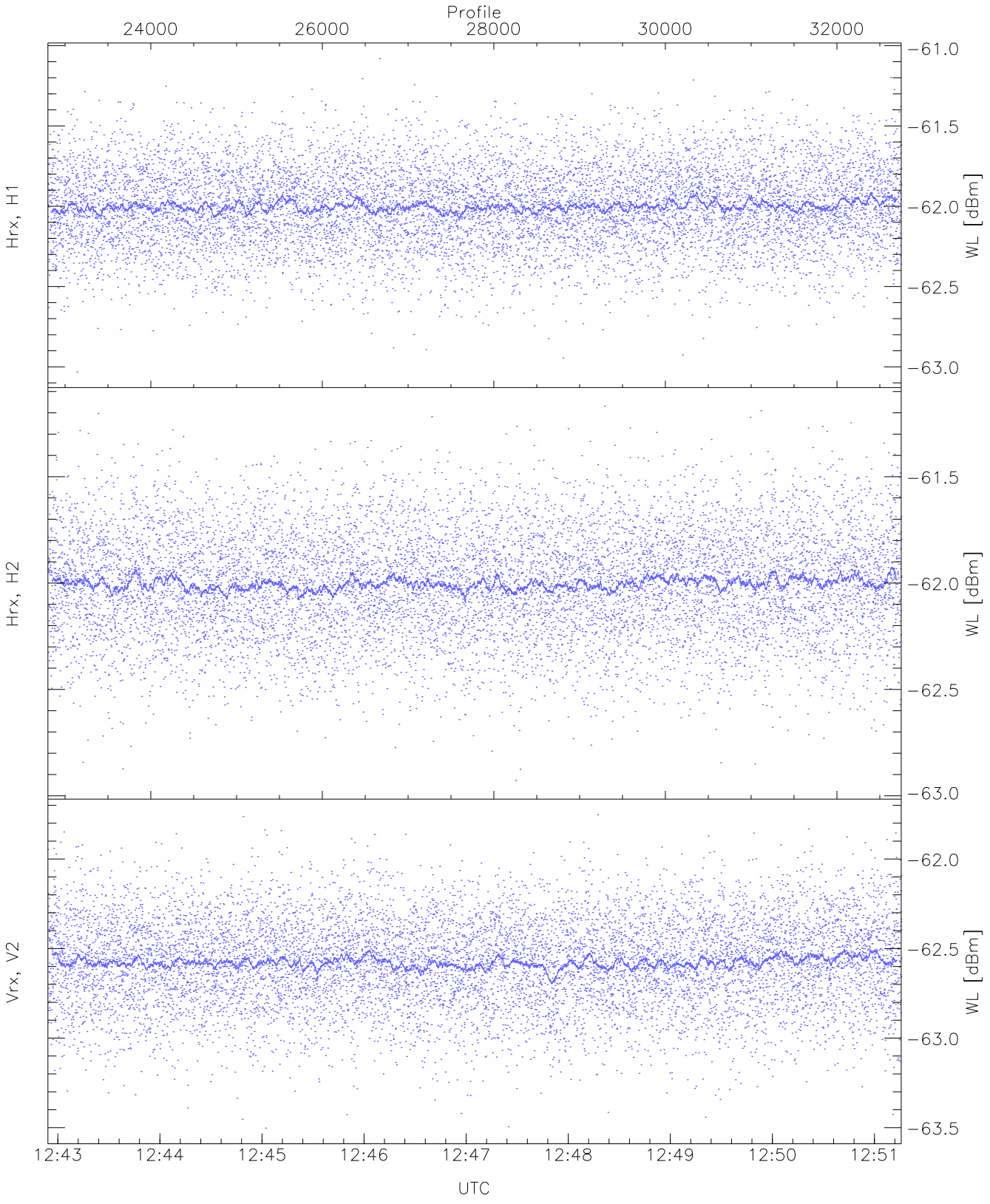






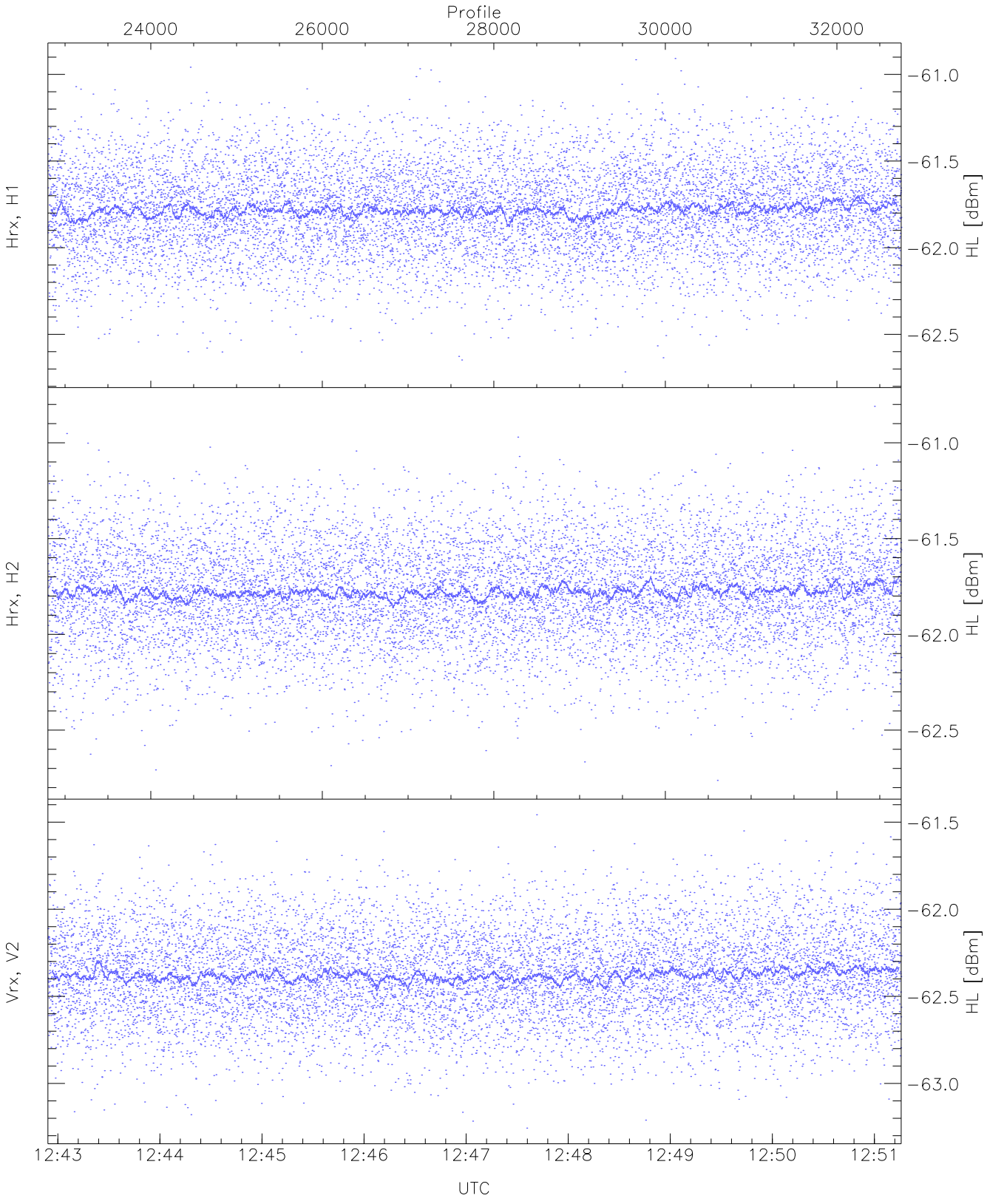
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 3866 pixs, 19 gates, 3838 profs, 1 prods



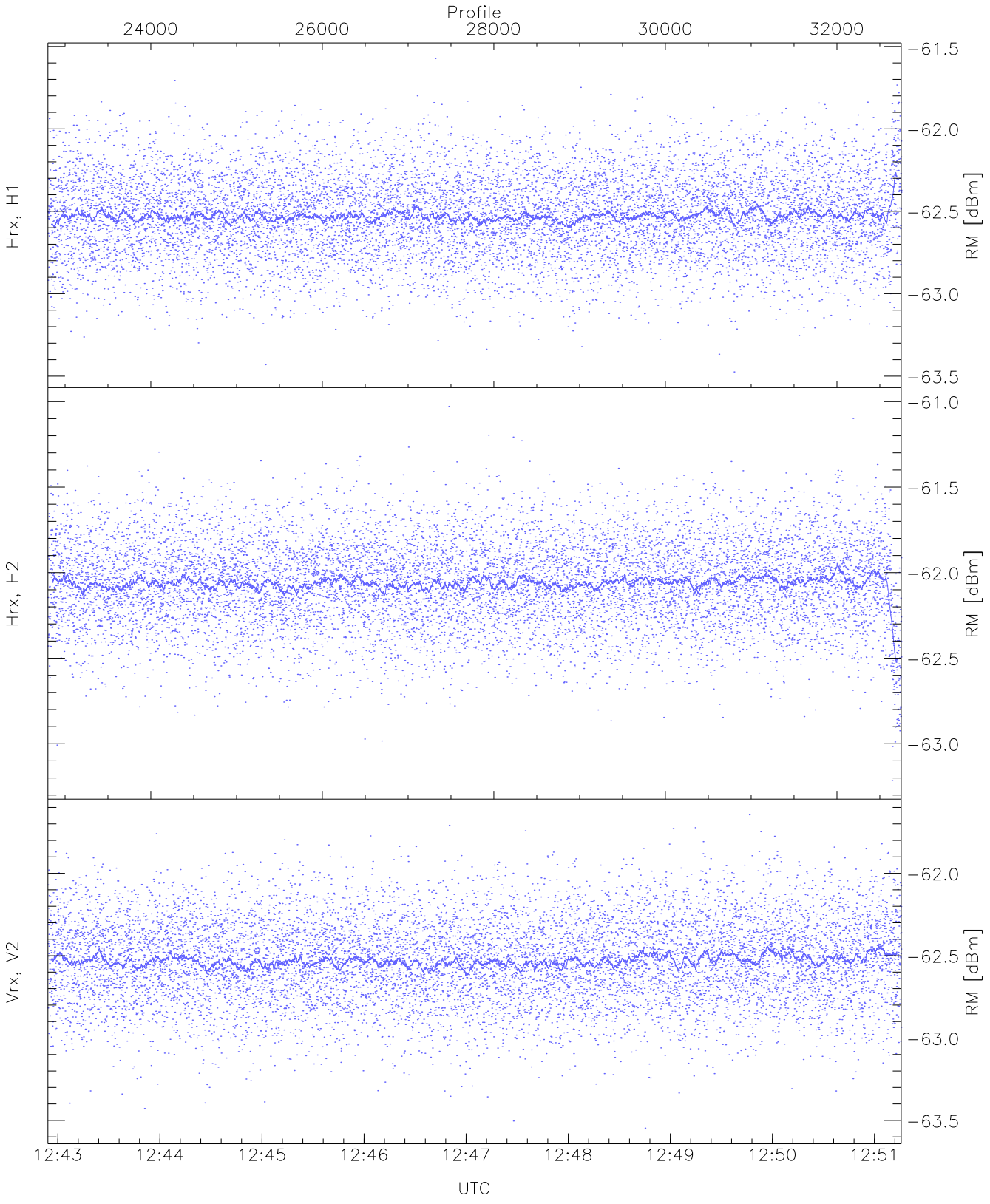
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.03	-61.08	-62.00	-62.00	-74.56
Hrx, H2(WL [dBm])	-62.93	-61.17	-62.00	-62.00	-74.55
Vrx, V2(WL [dBm])	-63.50	-61.75	-62.57	-62.57	-75.16



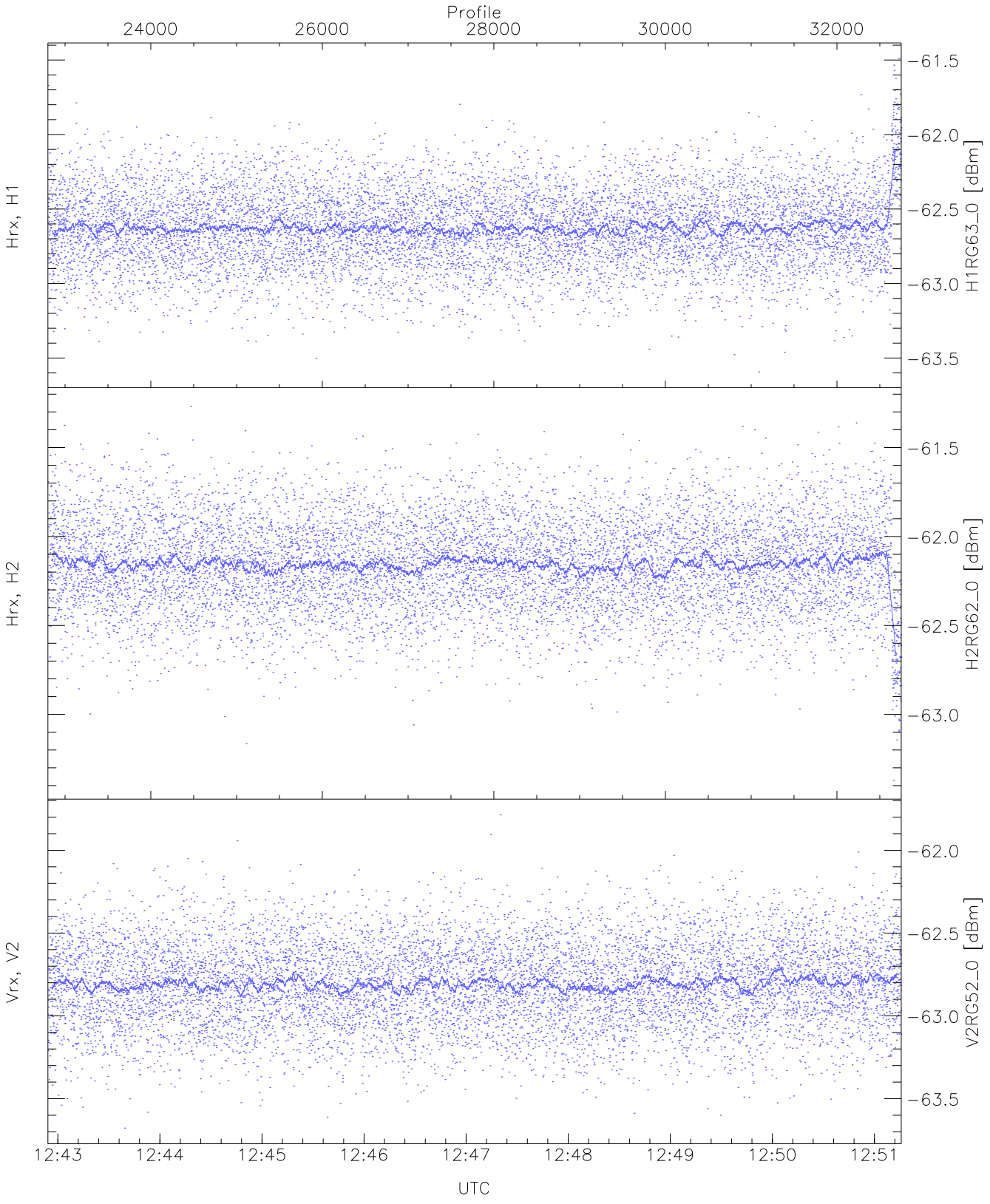
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.72	-60.91	-61.78	-61.78	-74.35
Hrx, H2(HL [dBm])	-62.76	-60.81	-61.77	-61.78	-74.33
Vrx, V2(HL [dBm])	-63.26	-61.46	-62.37	-62.38	-74.92



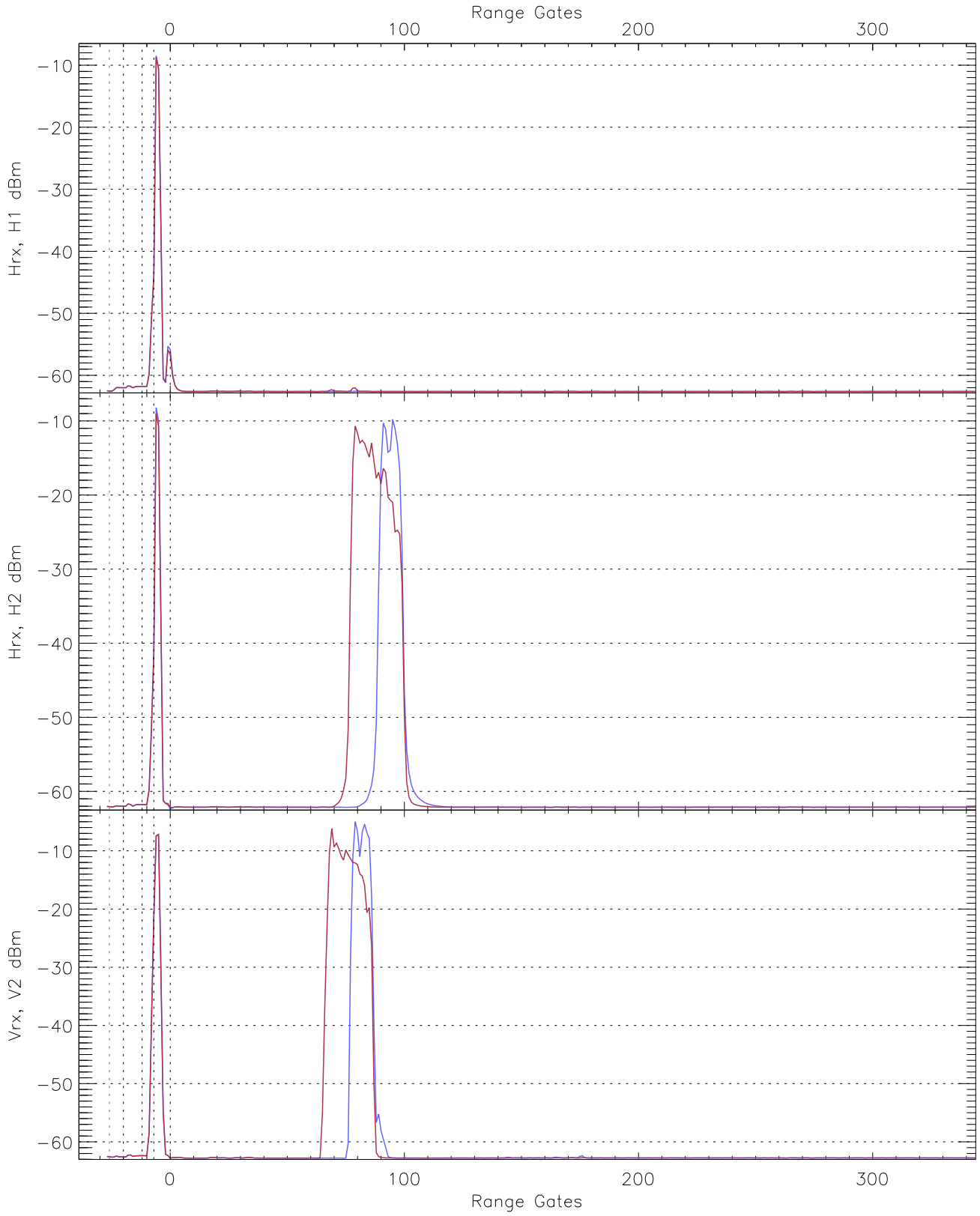
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.47	-61.57	-62.52	-62.53	-75.09
Hrx, H2(RM [dBm])	-63.21	-61.03	-62.06	-62.06	-74.58
Vrx, V2(RM [dBm])	-63.55	-61.64	-62.53	-62.53	-75.01

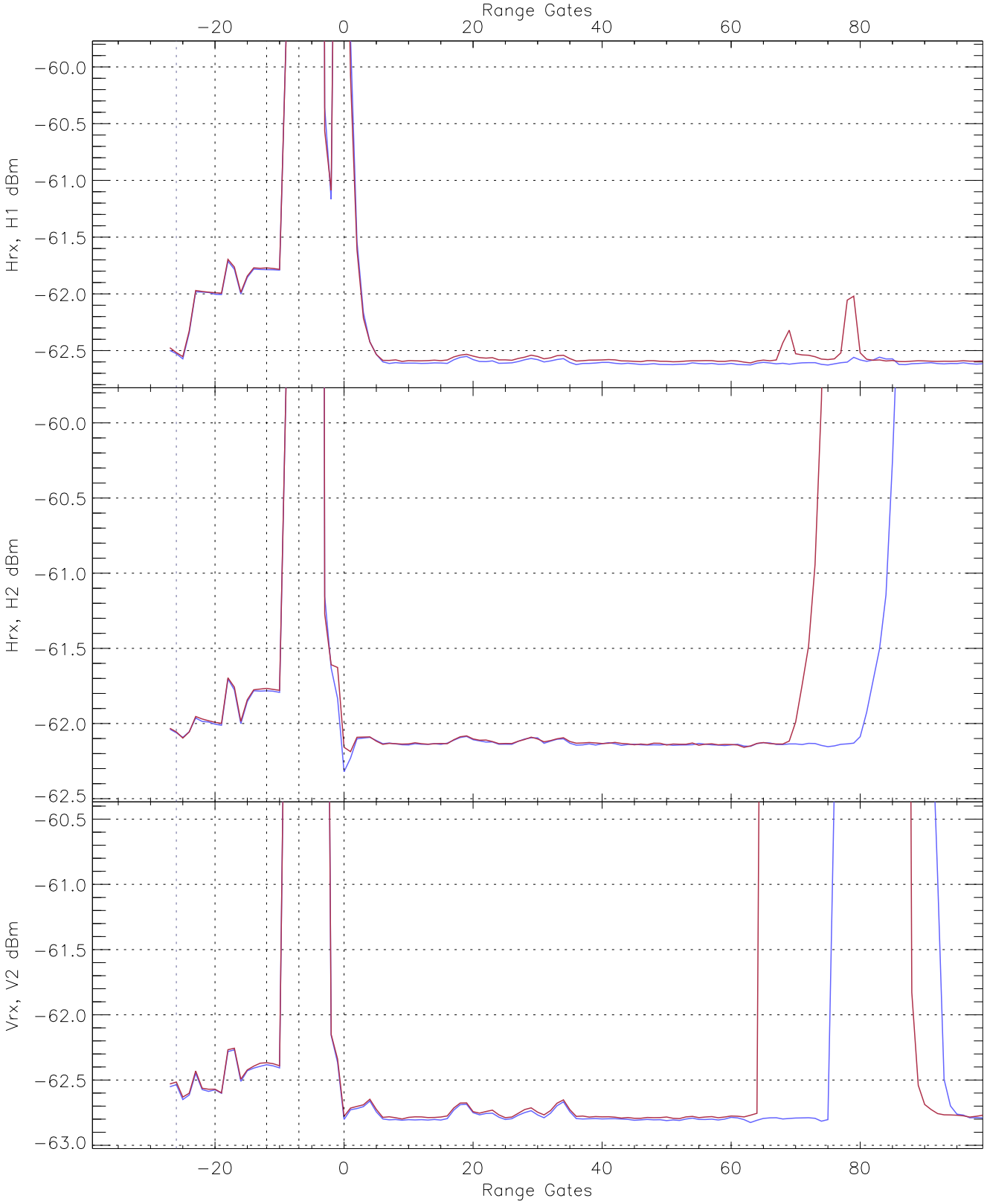


WCR2 CPP "Best" estimate Receivers Noise Power

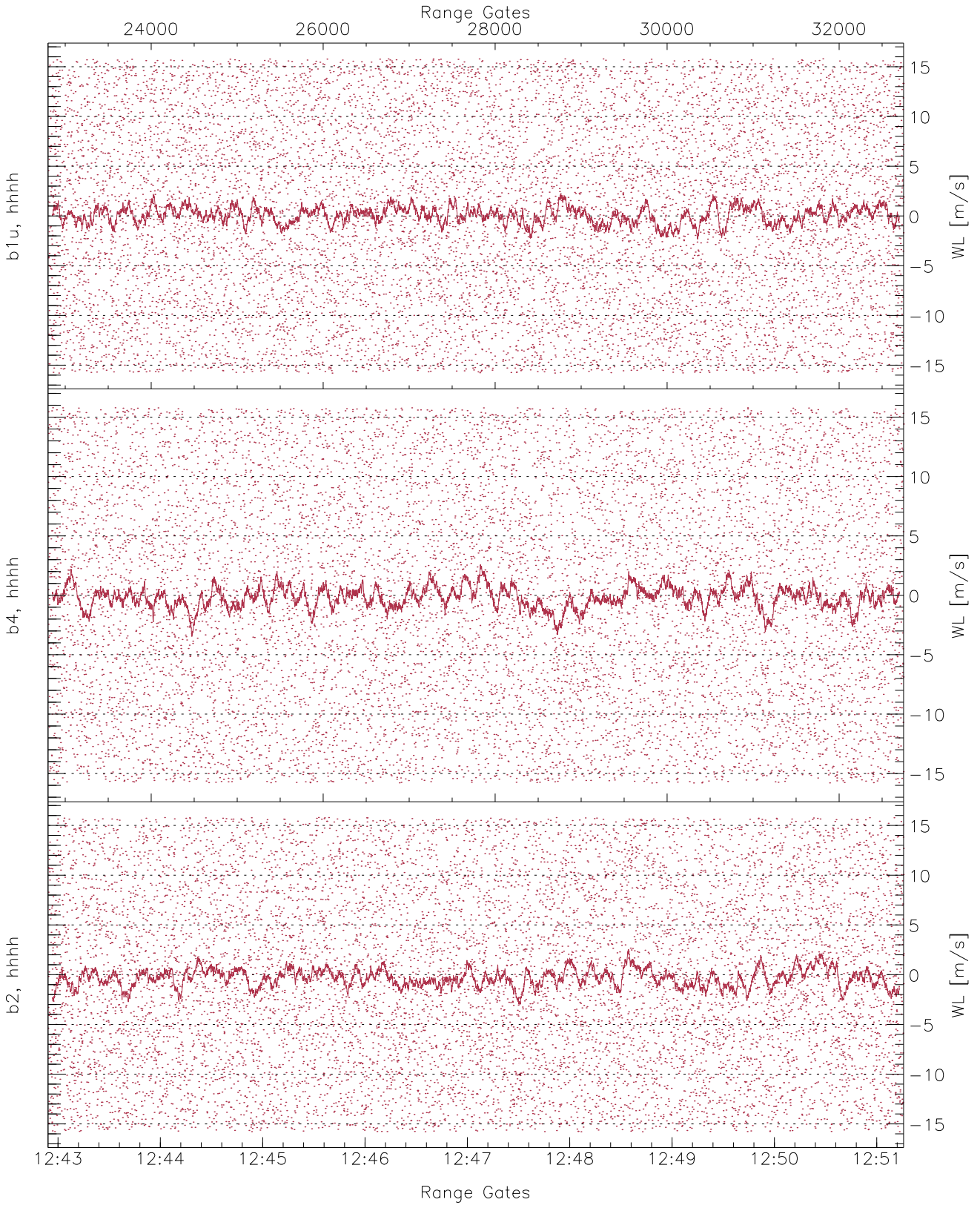
	Min	Max	Mean	Median	StDev
H1RG63_0 [dBm]	-63.59	-61.49	-62.62	-62.63	-75.04
H2RG62_0 [dBm]	-63.37	-61.27	-62.15	-62.16	-74.62
V2RG52_0 [dBm]	-63.68	-61.79	-62.80	-62.81	-75.38



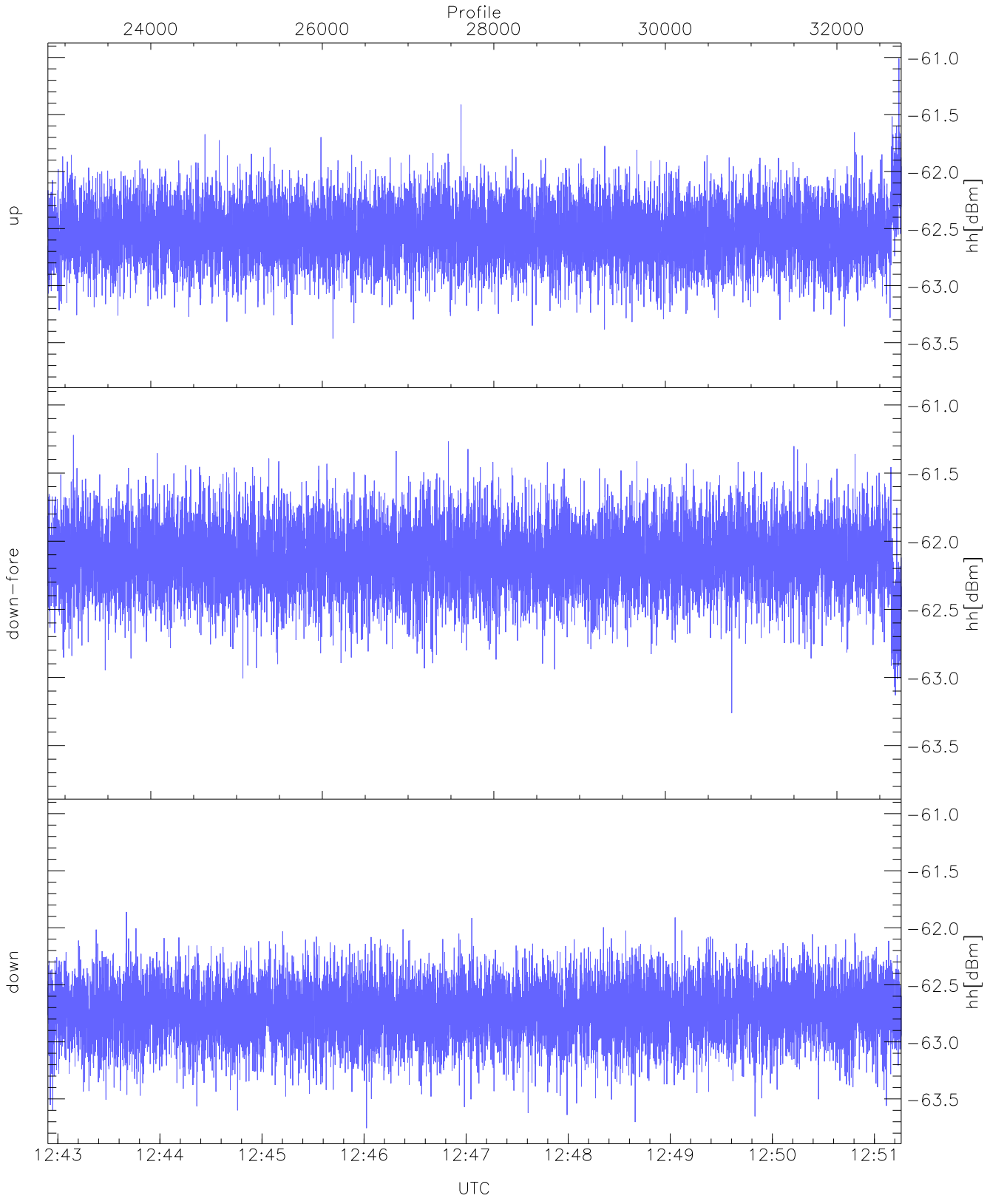
WCR2 CPP Averaged Received power for all recorded gates
blue: 124254-124705, 4976 profiles averaged
red: 124705-125116, 4976 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 124254-124705, 4976 profiles averaged
red: 124705-125116, 4976 profiles averaged

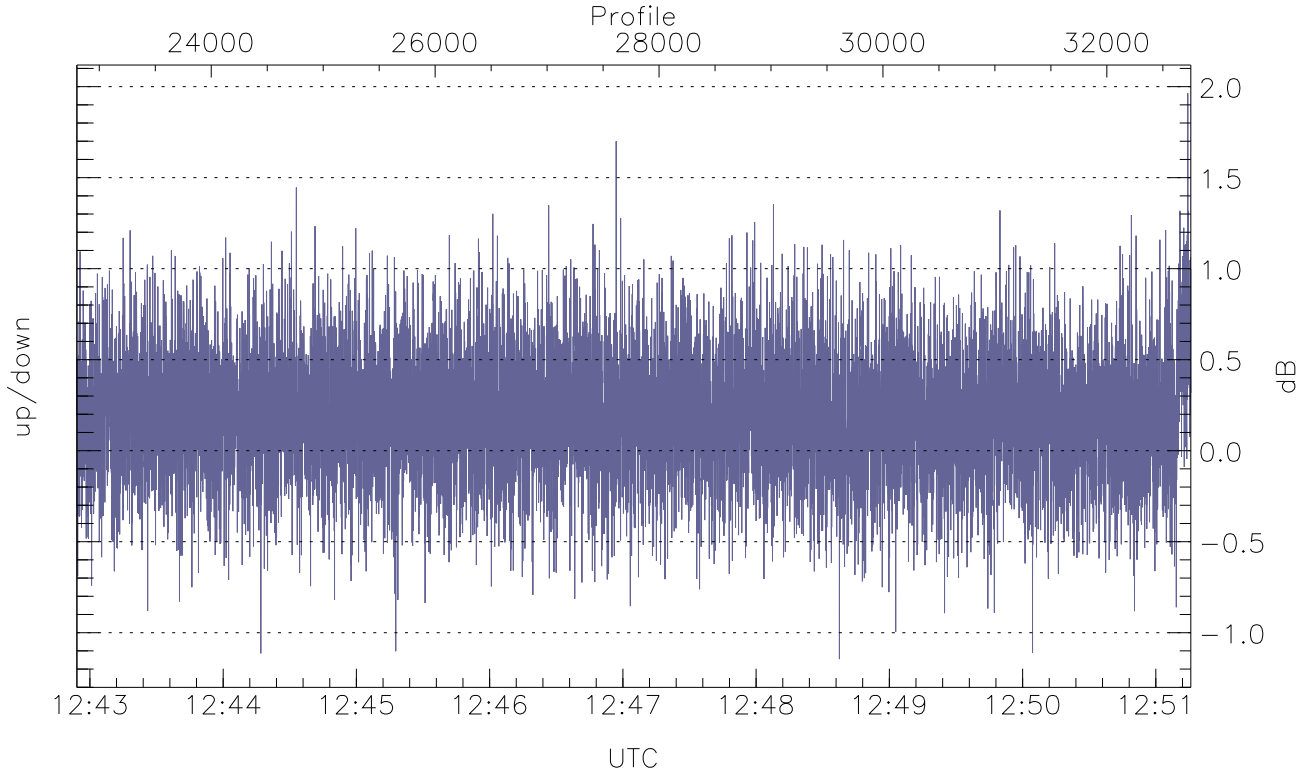


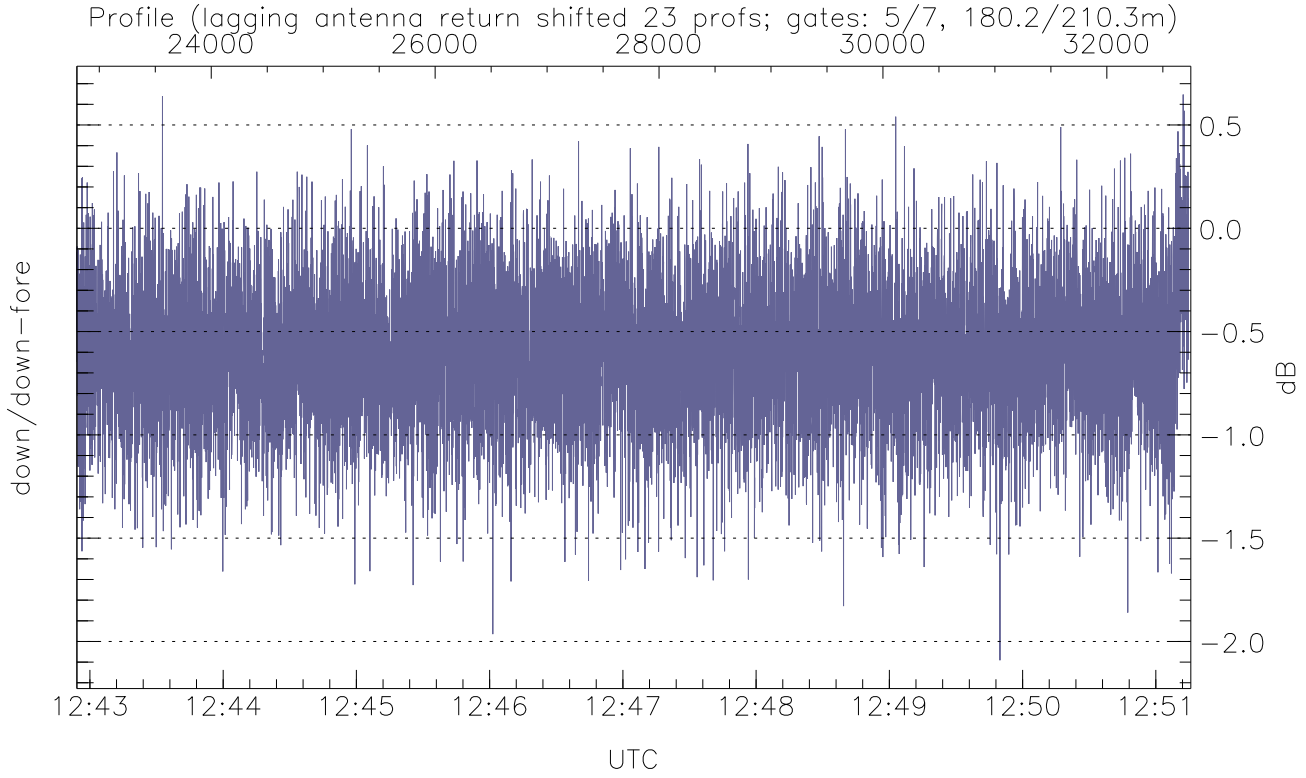
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

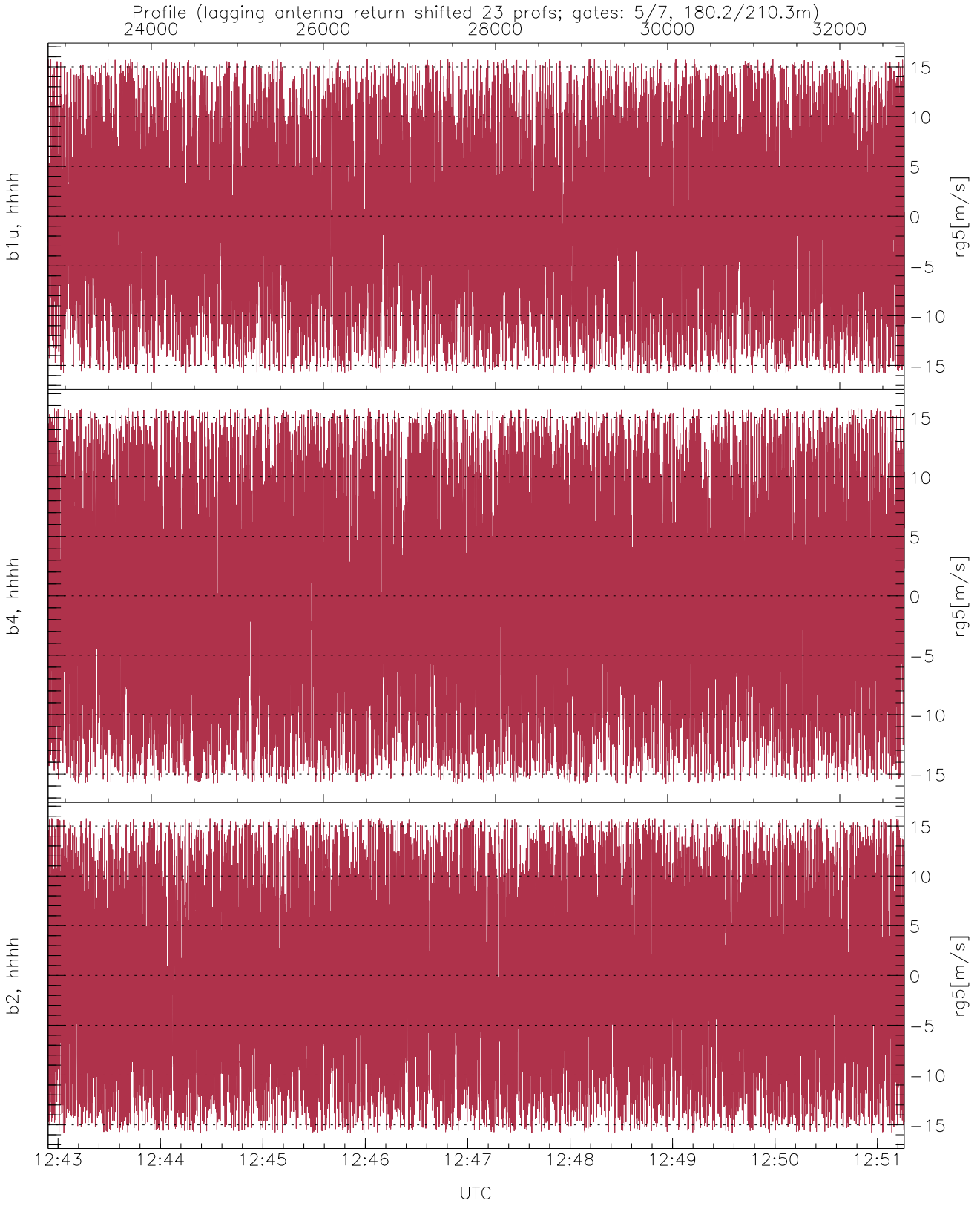
	Min	Max	Mean
up(hh[dBm])	-63.46	-61.01	-62.53
down-fore(hh[dBm])	-63.26	-61.22	-62.12
down(hh[dBm])	-63.76	-61.86	-62.73





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

	Min	Max	Mean
up/down(dB)	-1.14	1.96	0.20
down/down-fore(dB)	-2.09	0.65	-0.60



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.80	-0.19	8.32
b4, hhhh(rg5[m/s])	-15.80	15.80	-0.18	8.99
b2, hhhh(rg5[m/s])	-15.80	15.79	-0.36	9.05