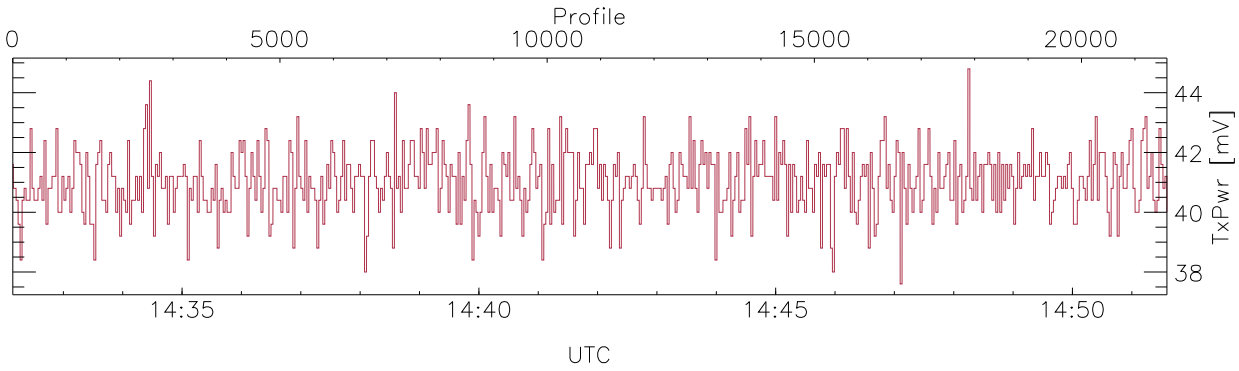
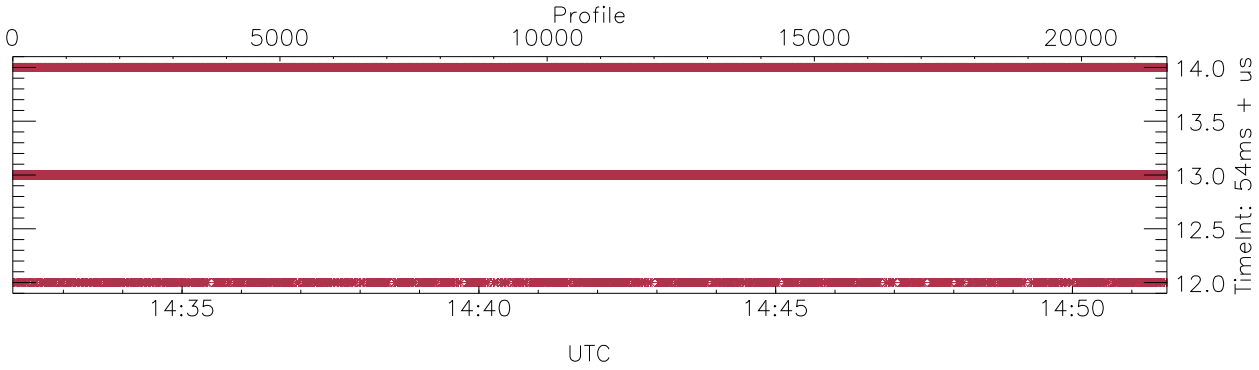
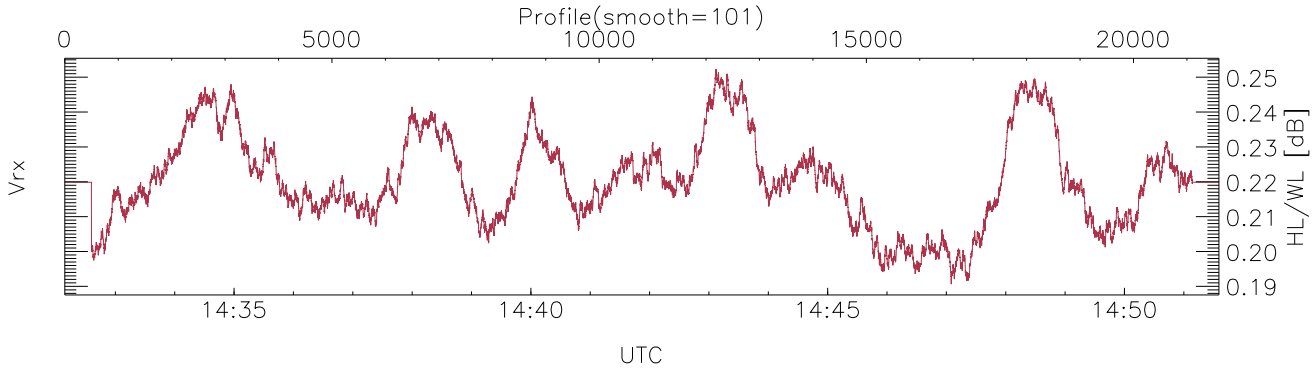
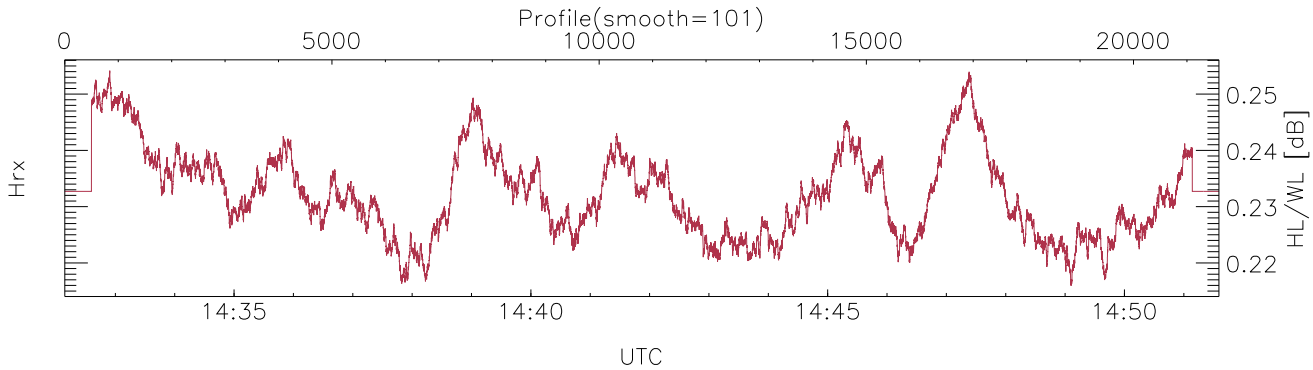


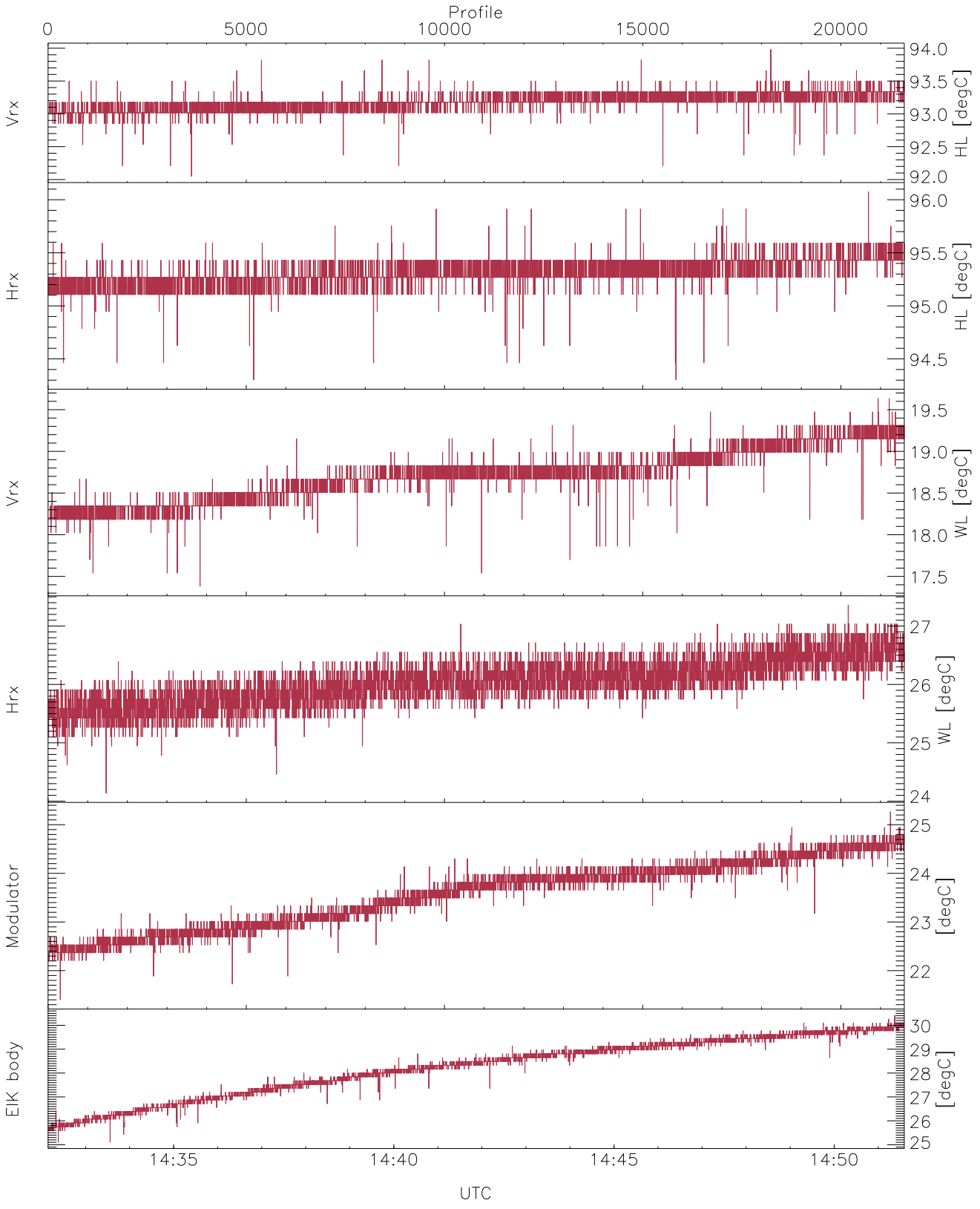






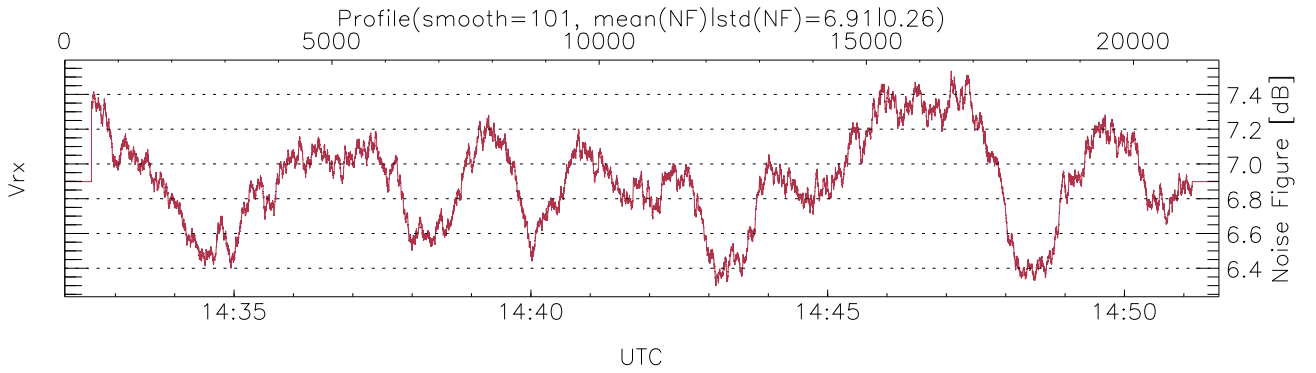
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

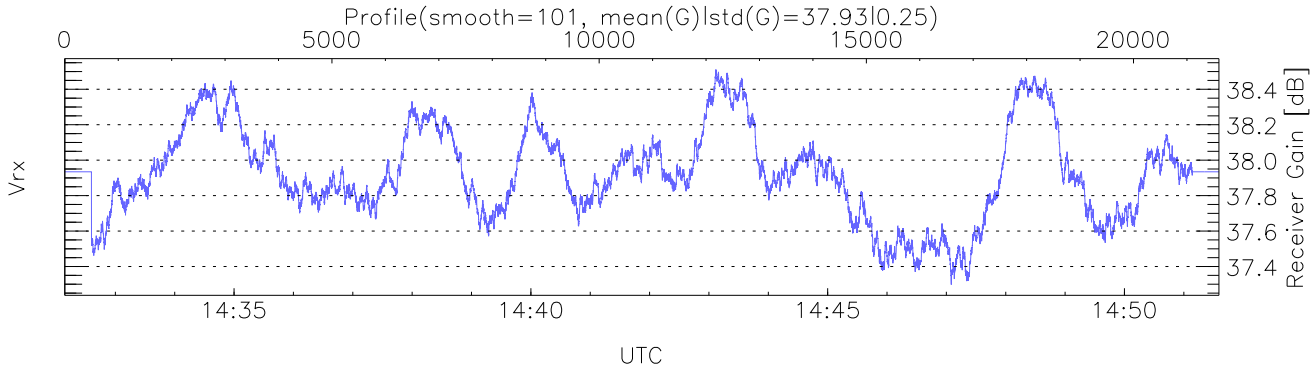
UTC: 14:32:09-15:11:40, Dur: 2371.36s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 54.0,54.0,54.0,0.0 ms / 19,19,19
NumRec(r/t): 21600/43904, 0-21599/14:32:09-14:51:36
AcqTime: 54.0ms, Rate: 287KB/s, Averages: 180
Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2
PRF: 20.0 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

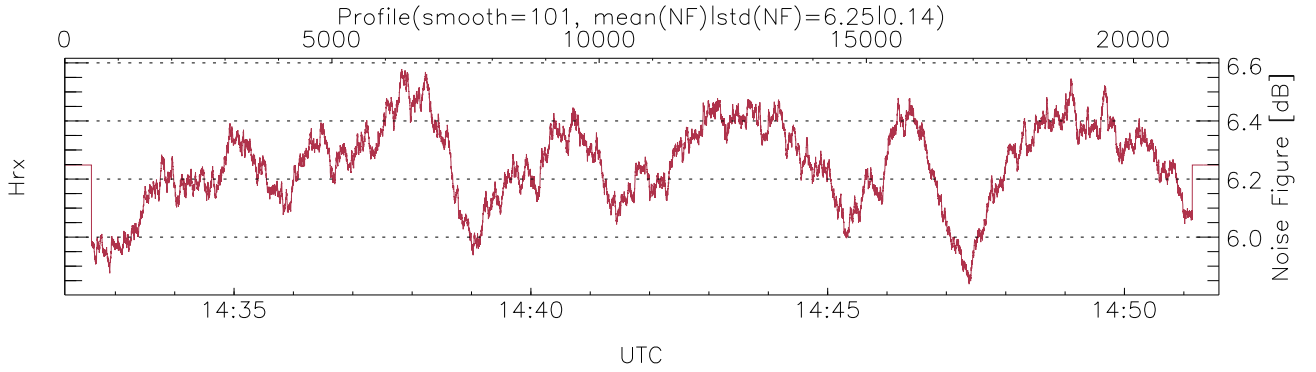


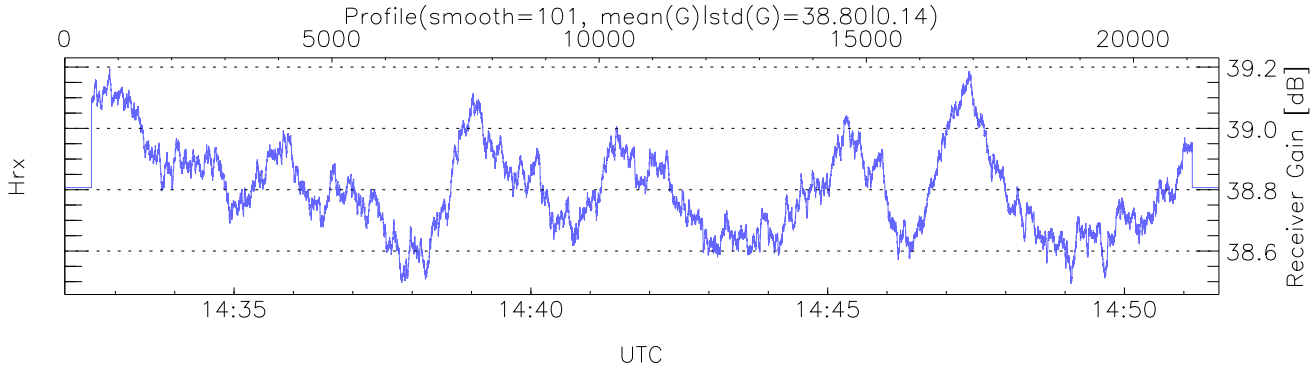
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,17,24,21,25
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,96,19,27,25,30
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (20,20,24,29,20,10)



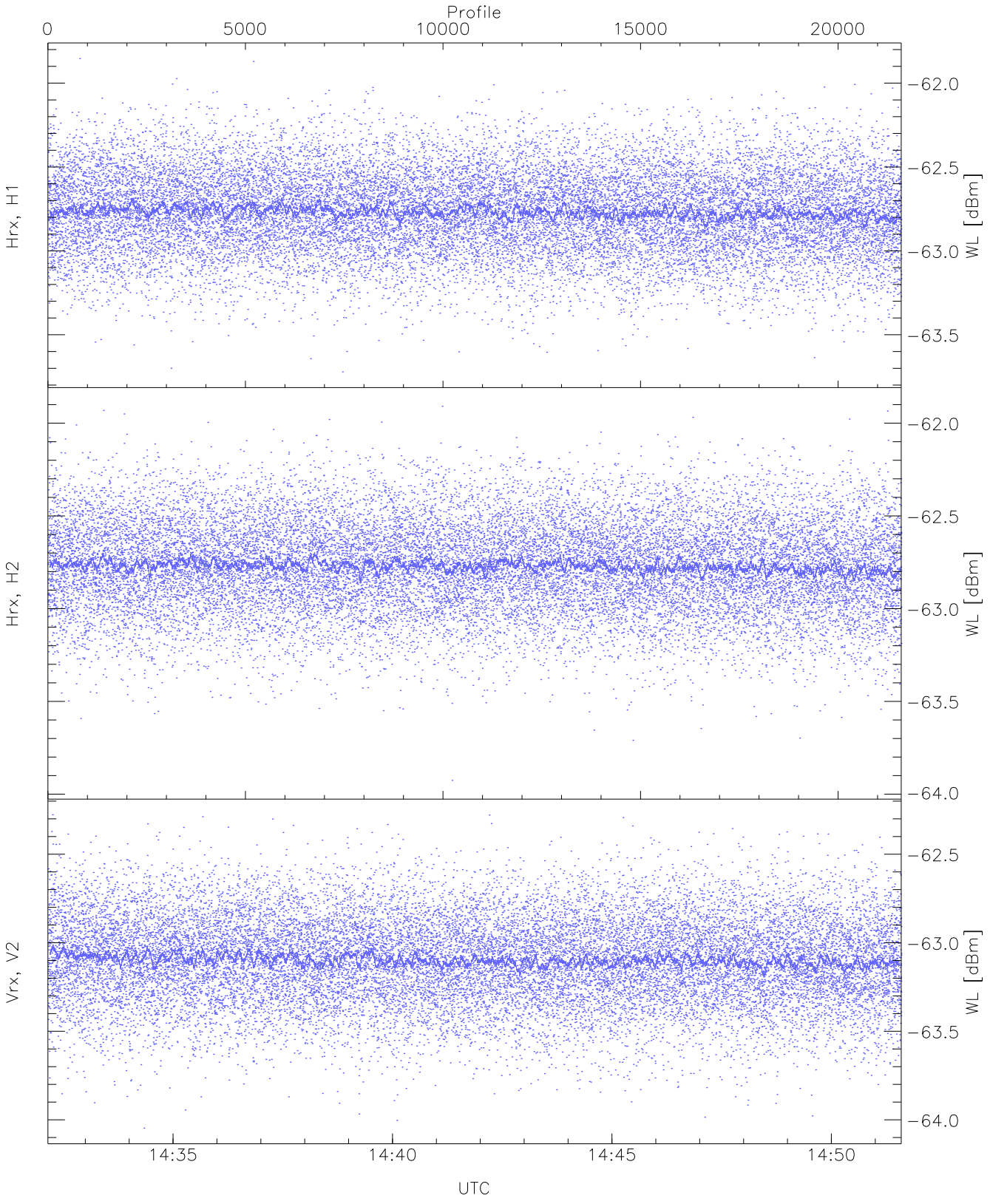






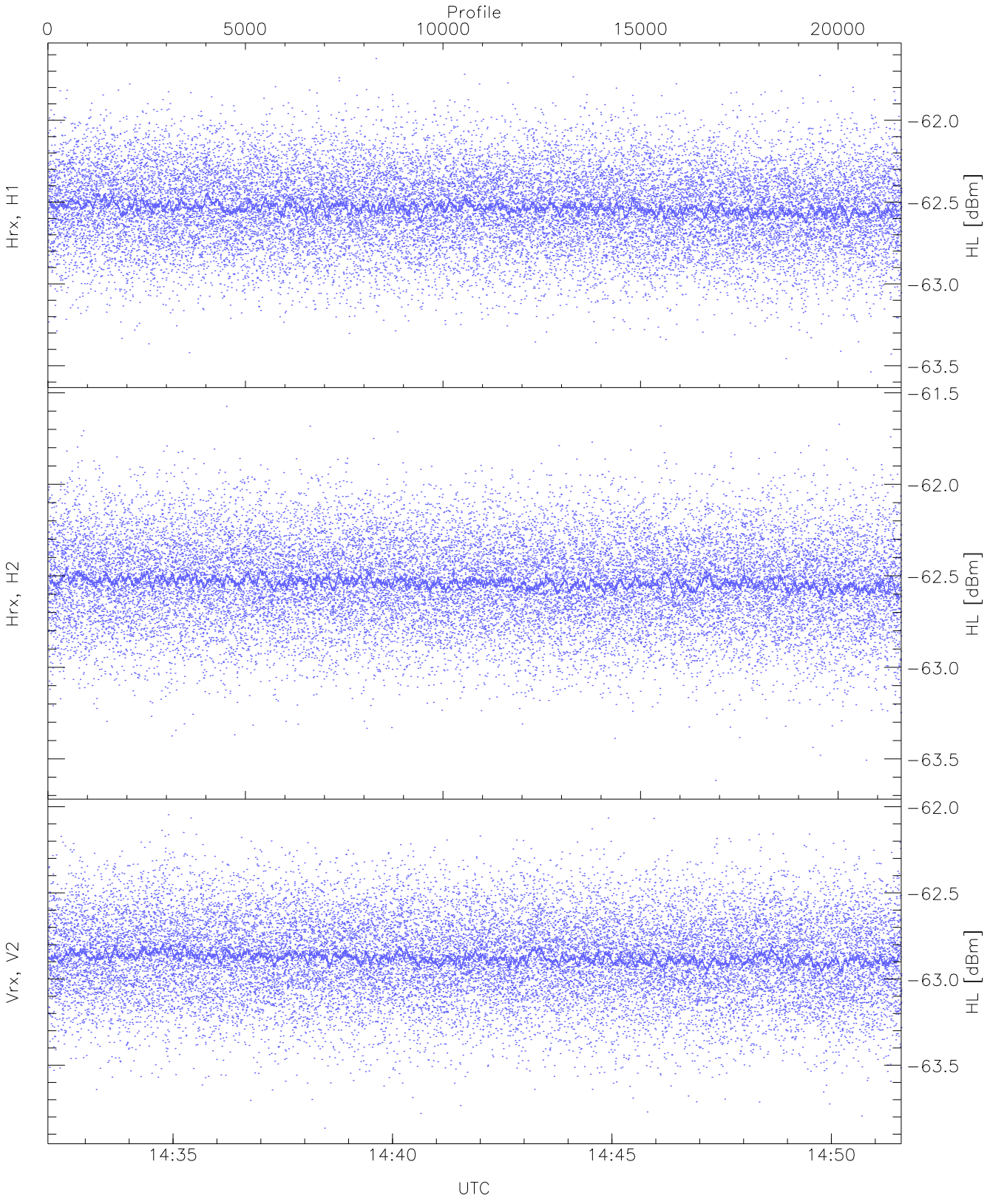
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 3114 pixs, 56 gates, 3037 profs, 2 prods



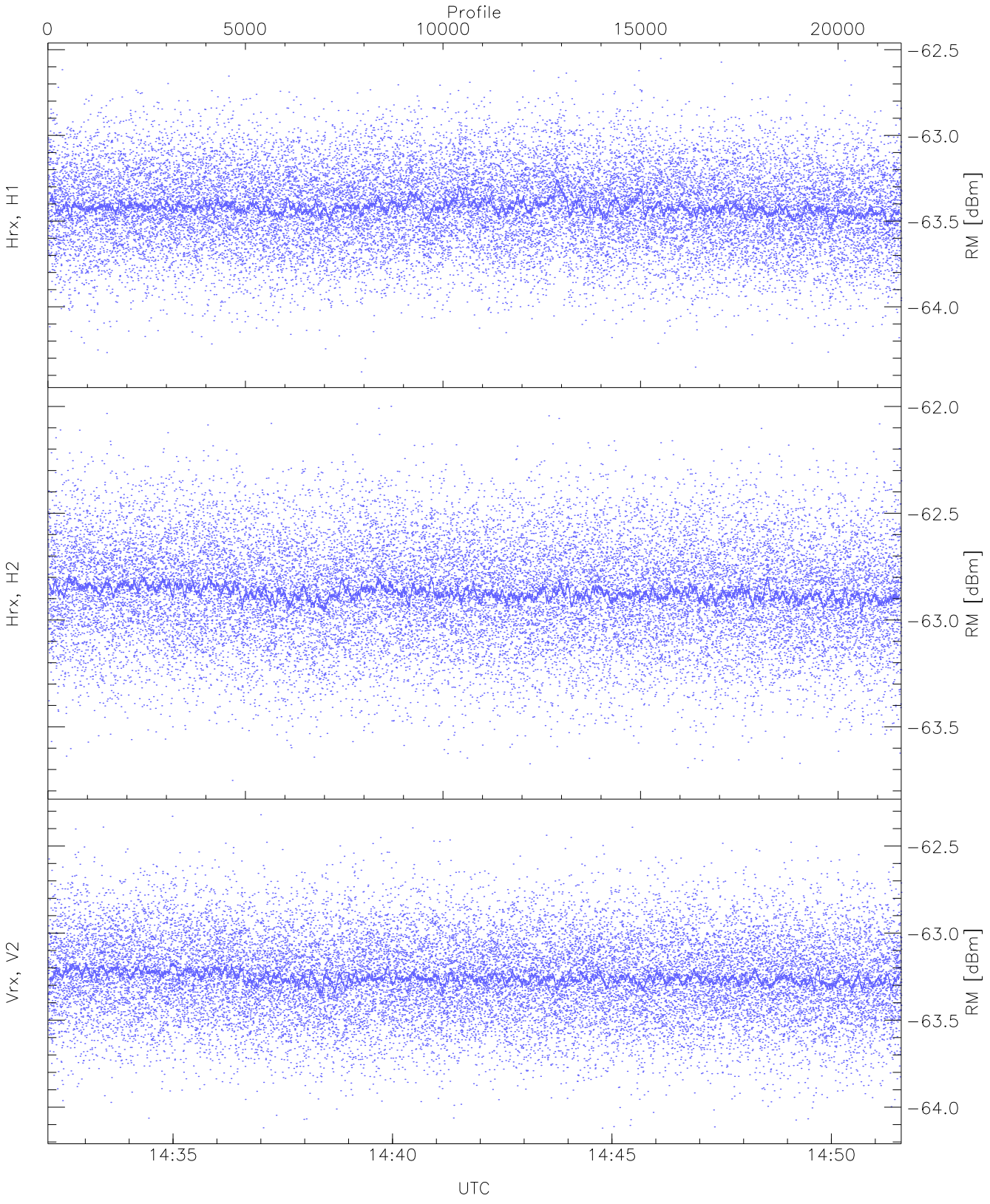
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.72	-61.85	-62.76	-62.77	-75.46
Hrx, H2(WL [dBm])	-63.93	-61.91	-62.77	-62.77	-75.48
Vrx, V2(WL [dBm])	-64.05	-62.28	-63.09	-63.10	-75.77



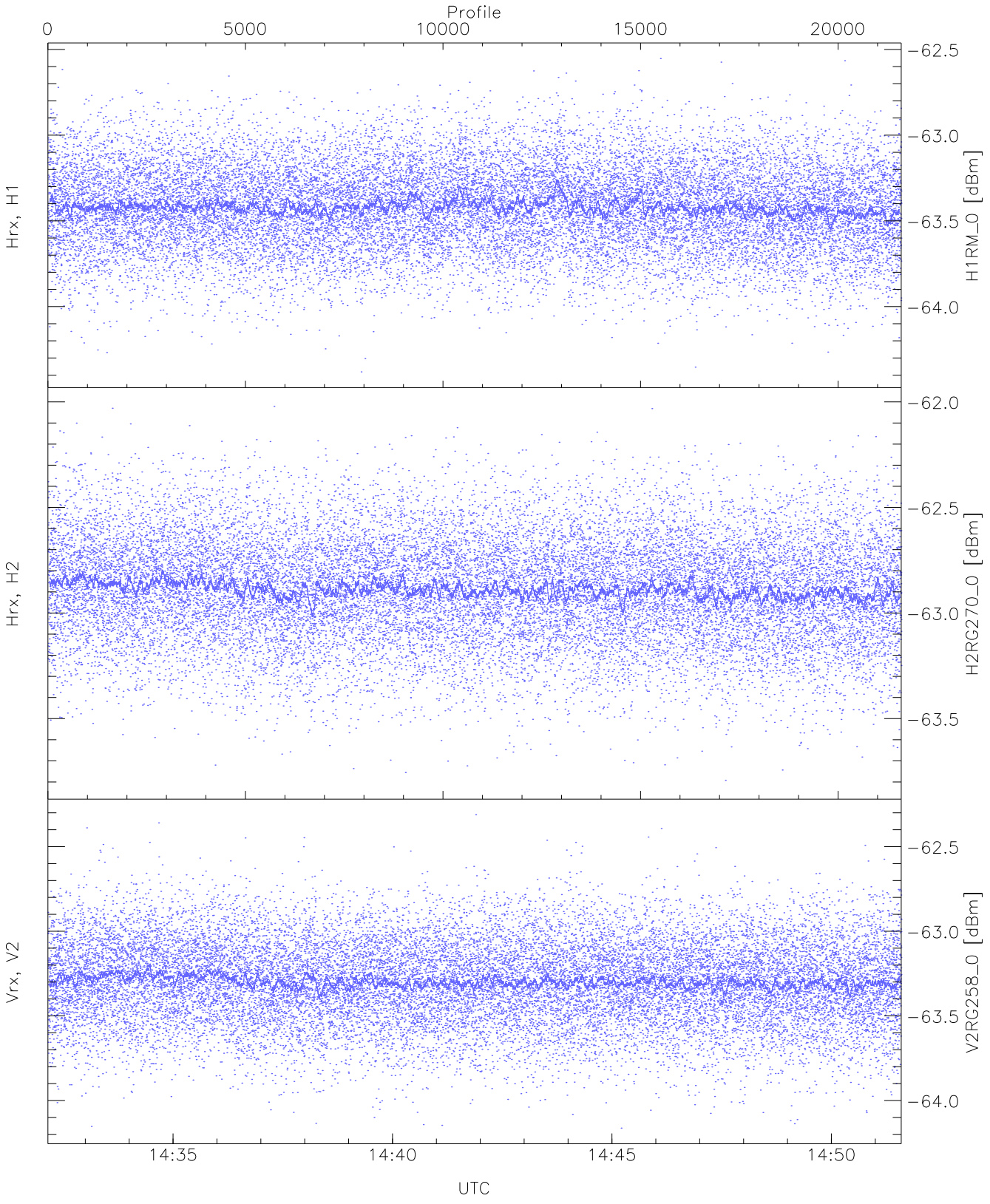
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-63.54	-61.62	-62.53	-62.54	-75.20
Hrx, H2(HL [dBm])	-63.62	-61.57	-62.53	-62.54	-75.25
Vrx, V2(HL [dBm])	-63.86	-62.05	-62.87	-62.88	-75.57



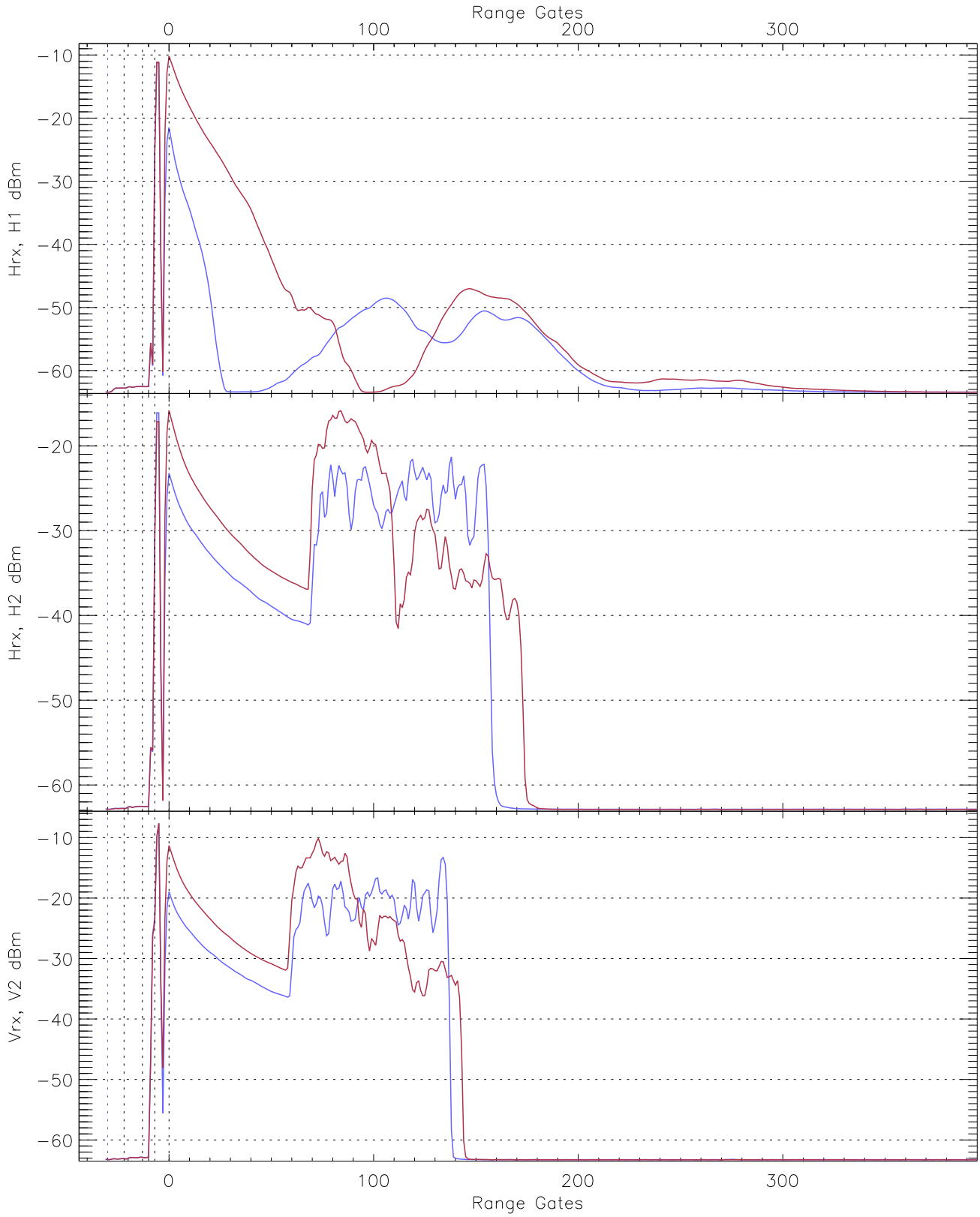
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-64.38	-62.55	-63.42	-63.42	-76.12
Hrx, H2(RM [dBm])	-63.75	-62.00	-62.87	-62.87	-75.57
Vrx, V2(RM [dBm])	-64.12	-62.32	-63.25	-63.26	-75.89

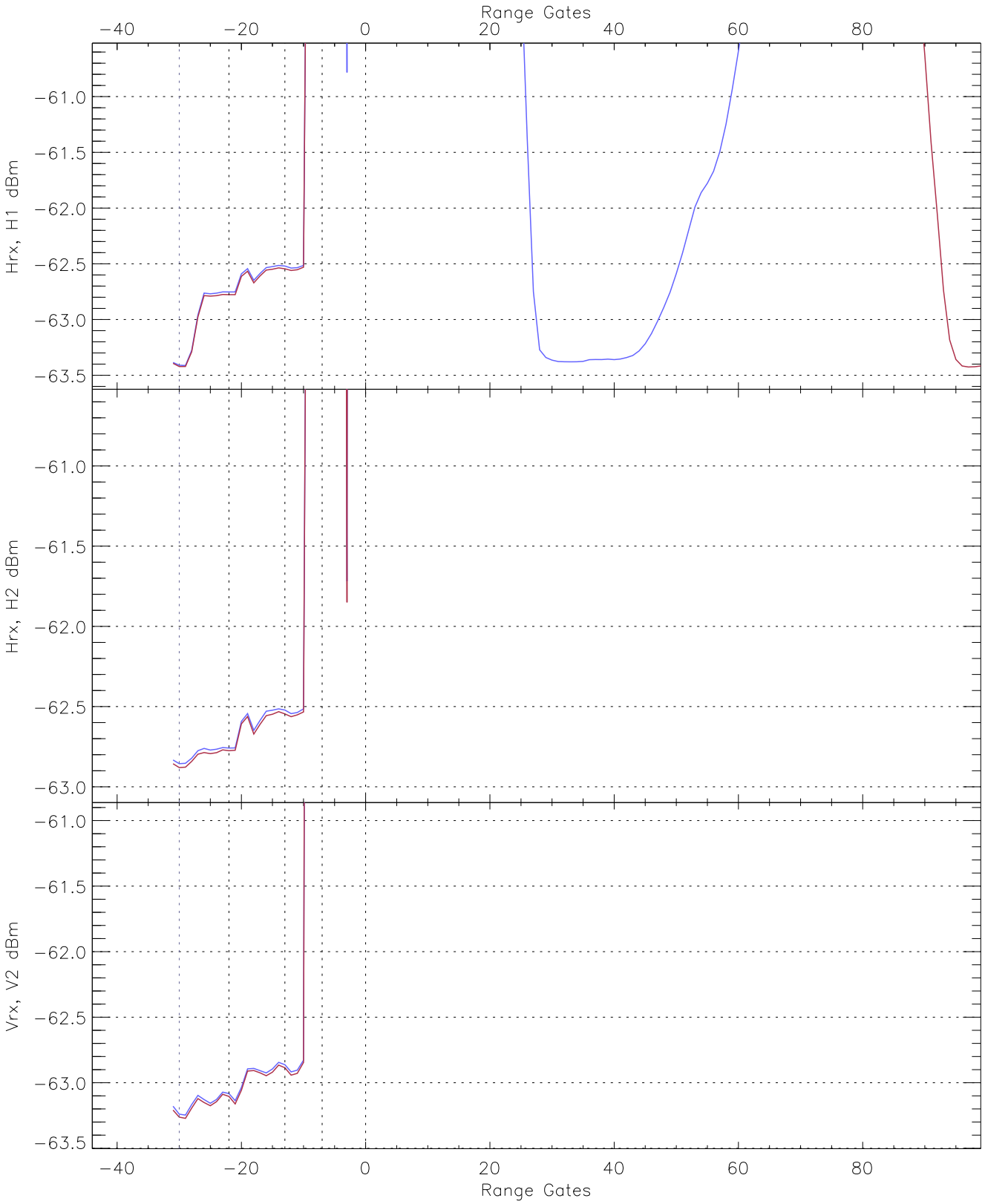


WCR2 CPP "Best" estimate Receivers Noise Power

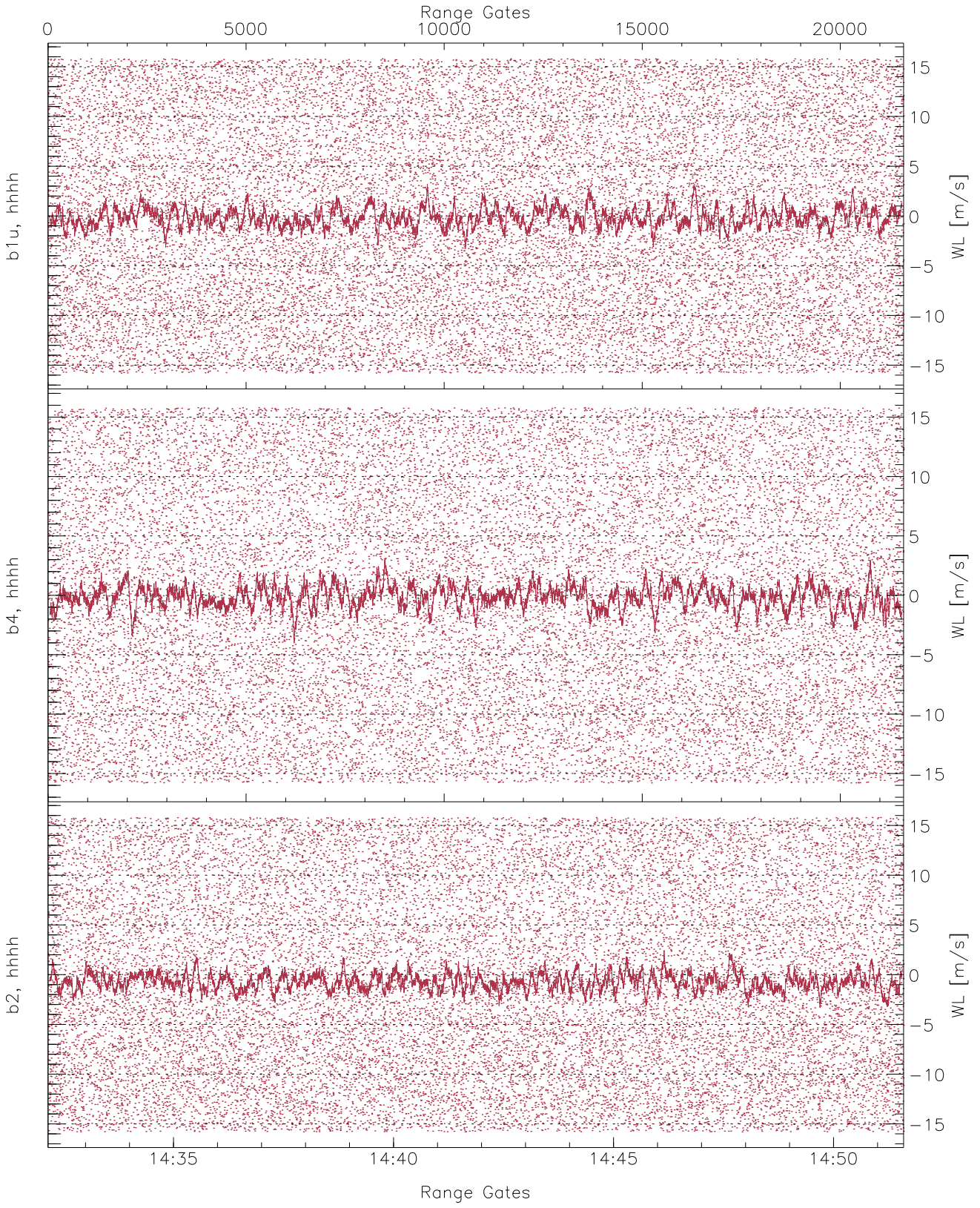
	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-64.38	-62.55	-63.42	-63.42	-76.12
H2RG270_0 [dBm]	-63.79	-62.02	-62.88	-62.89	-75.57
V2RG258_0 [dBm]	-64.16	-62.31	-63.29	-63.30	-75.99



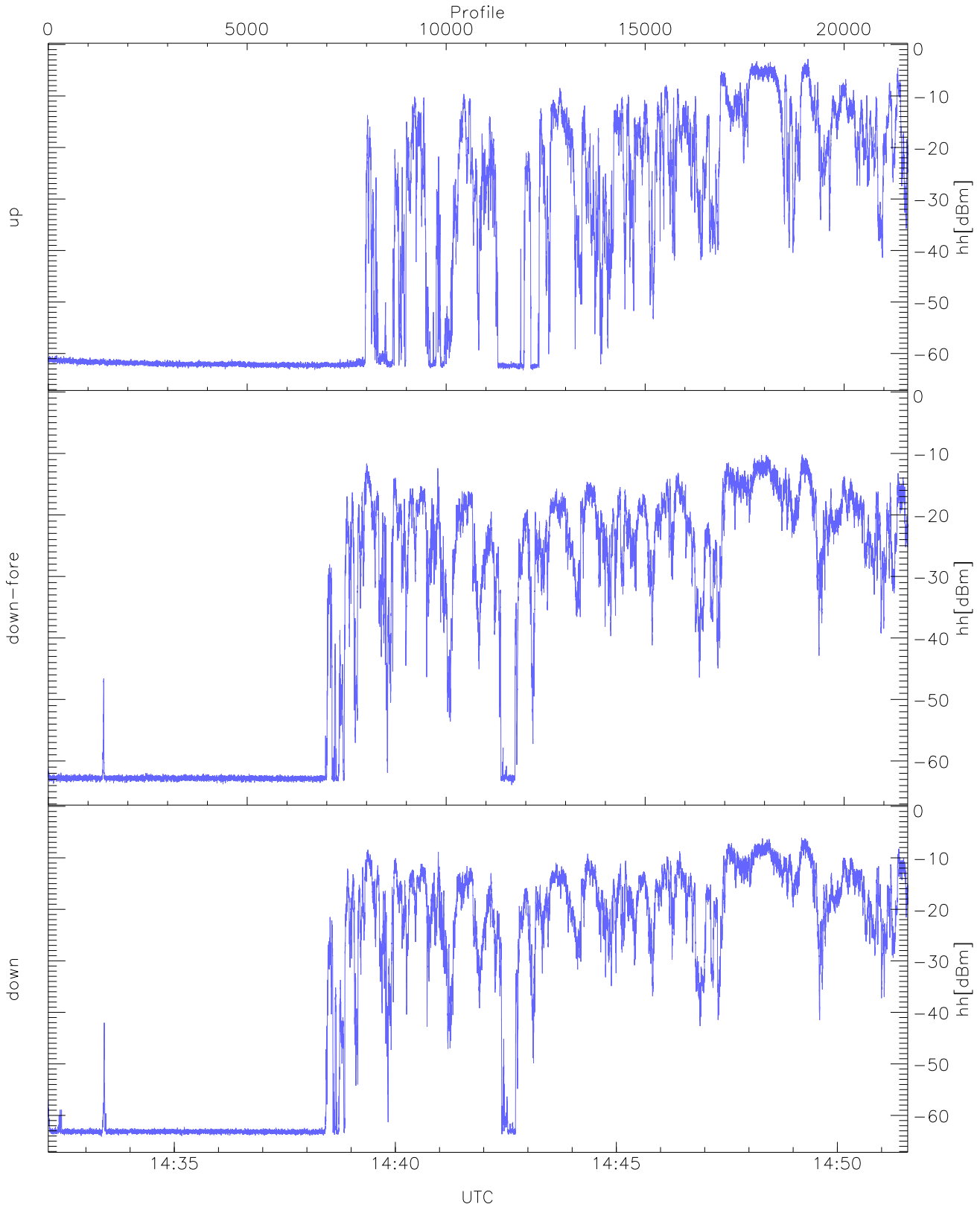
WCR2 CPP Averaged Received power for all recorded gates
blue: 143209-144152, 10801 profiles averaged
red: 144152-145136, 10800 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 143209-144152, 10801 profiles averaged
red: 144152-145136, 10800 profiles averaged

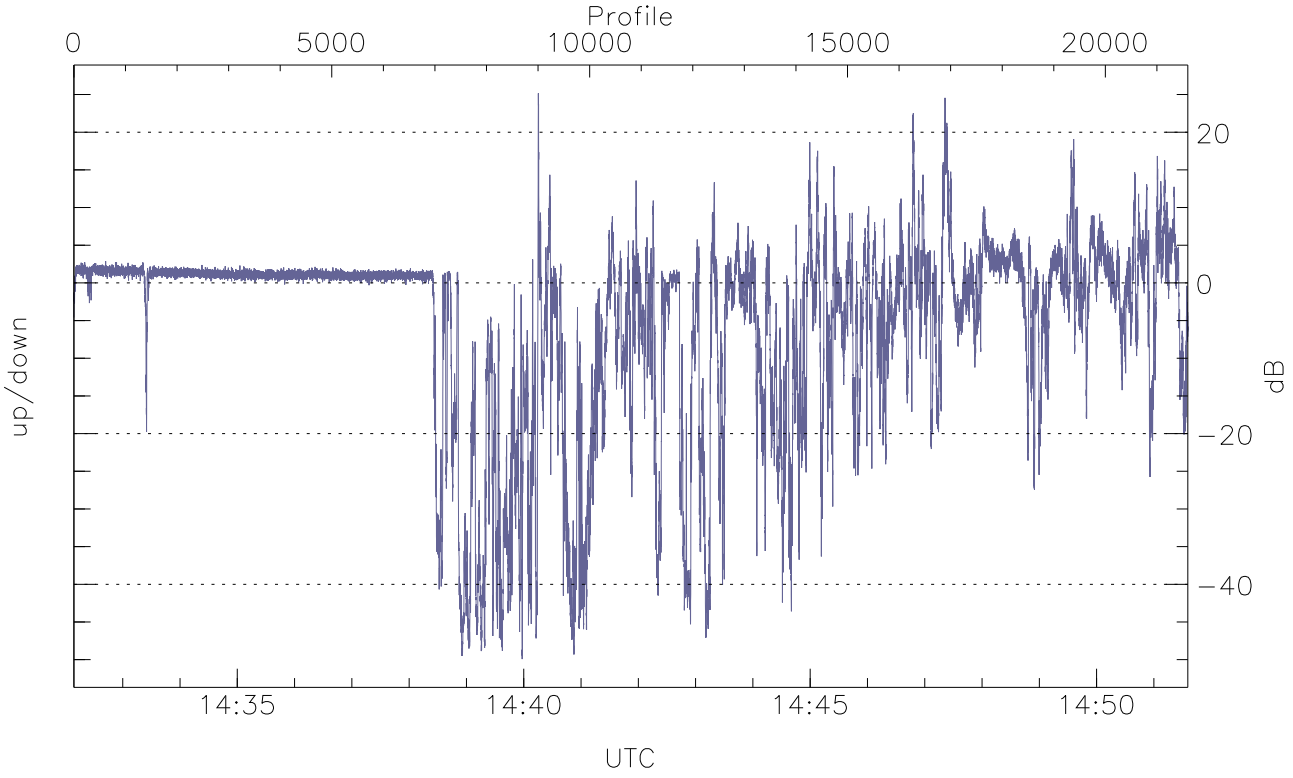


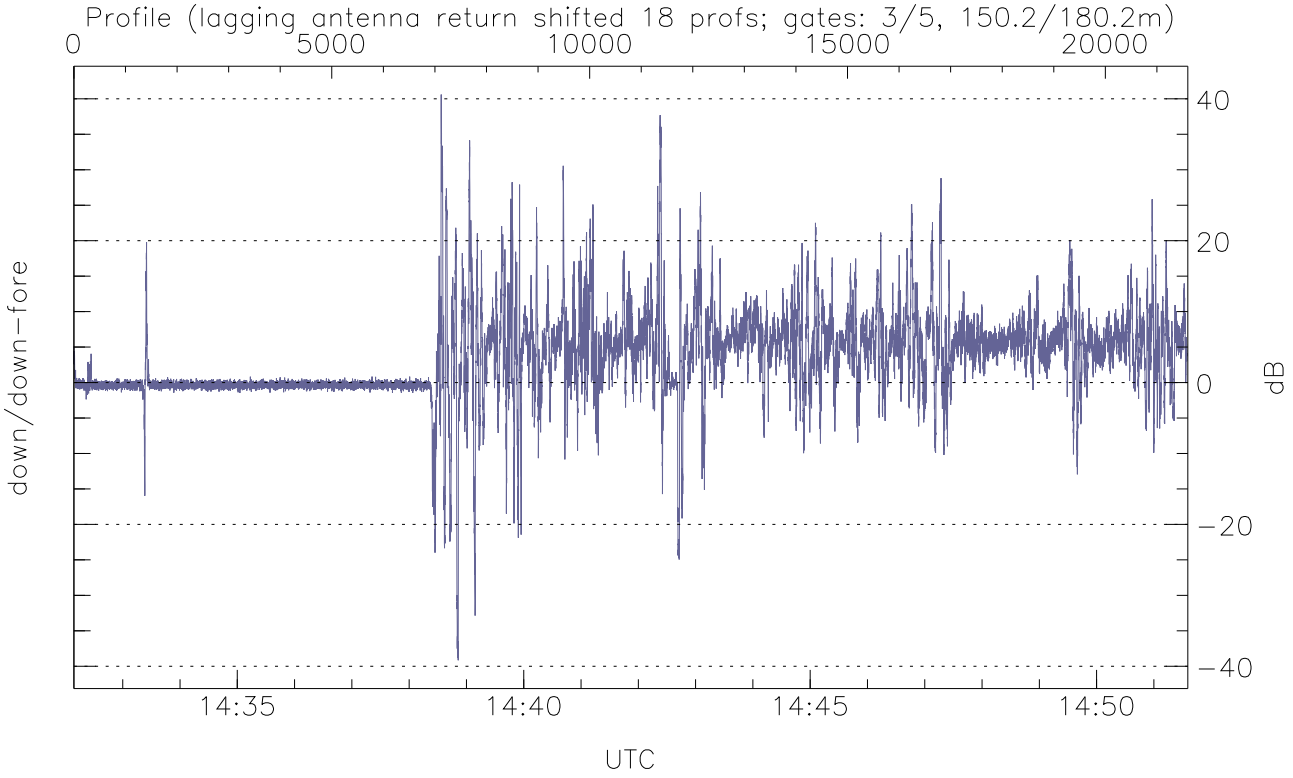
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

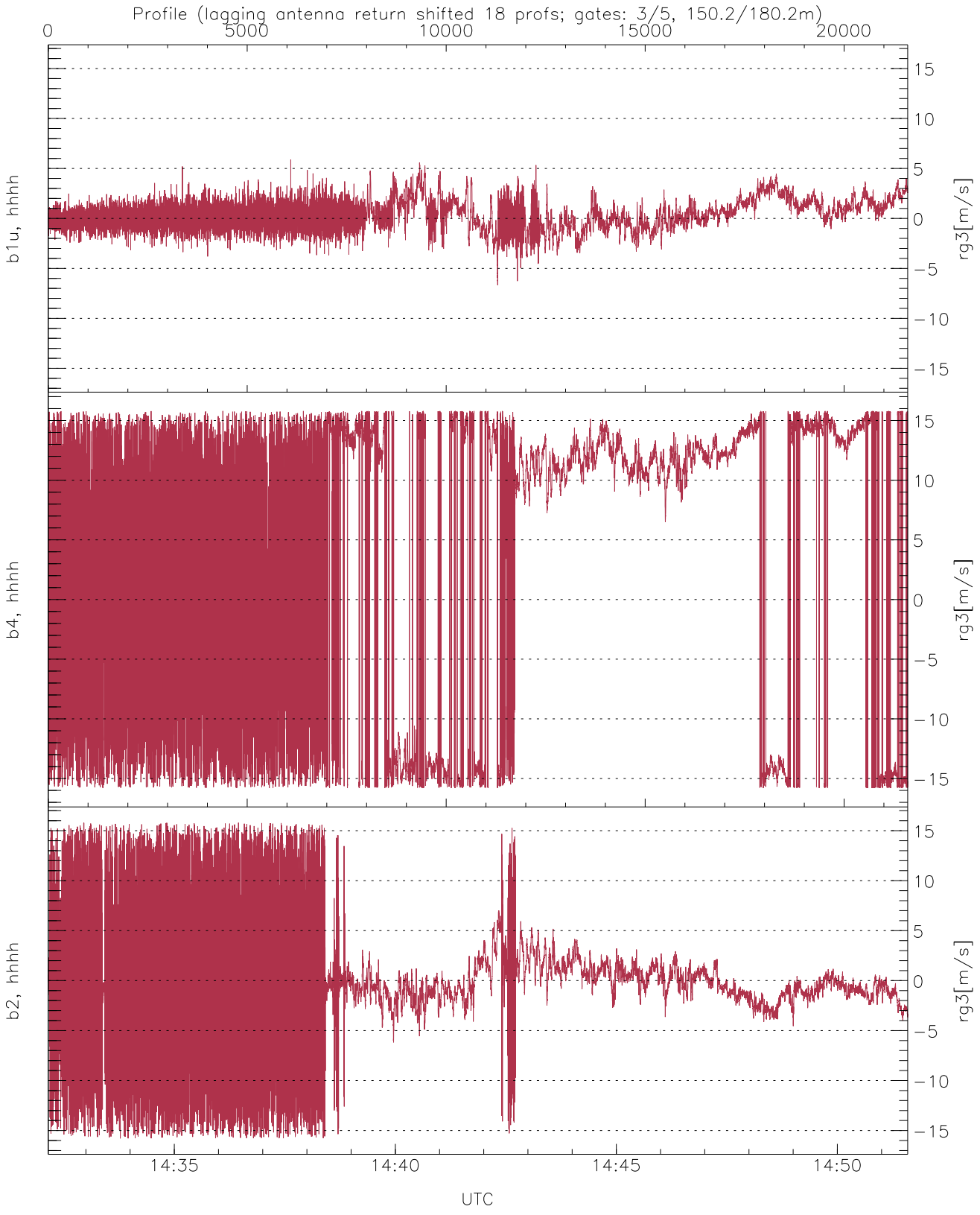
	Min	Max	Mean
up(hh[dBm])	-63.24	-2.82	-15.79
down-fore(hh[dBm])	-63.92	-10.20	-20.81
down(hh[dBm])	-64.11	-6.09	-16.67





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

	Min	Max	Mean
up/down(dB)	-49.92	25.16	-5.50
down/down-fore(dB)	-39.15	40.61	3.48



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-6.68	5.89	0.40	1.42
b4, hhhh(rg3[m/s])	-15.80	15.80	3.84	11.57
b2, hhhh(rg3[m/s])	-15.79	15.79	-0.26	5.29