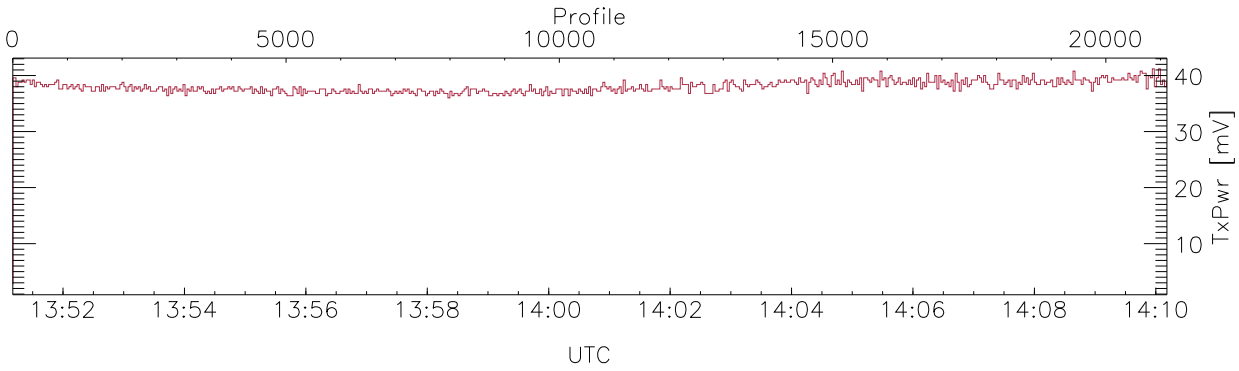
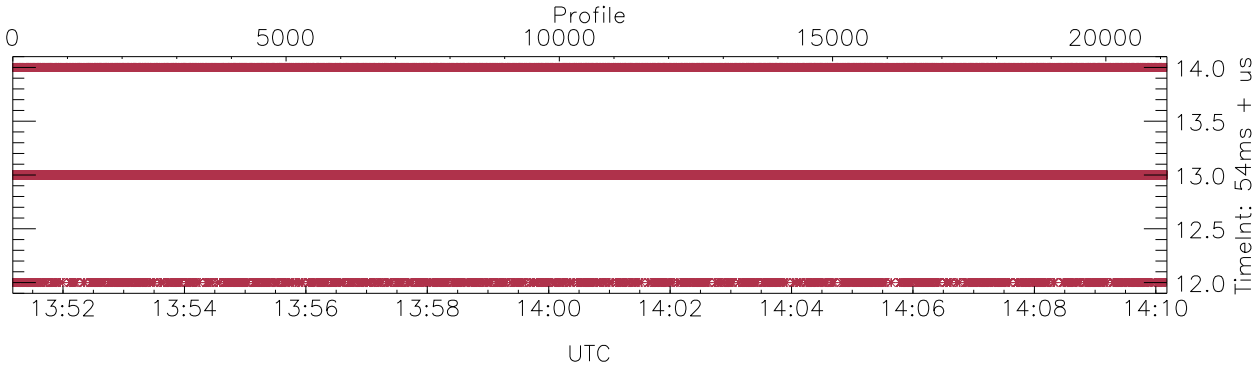
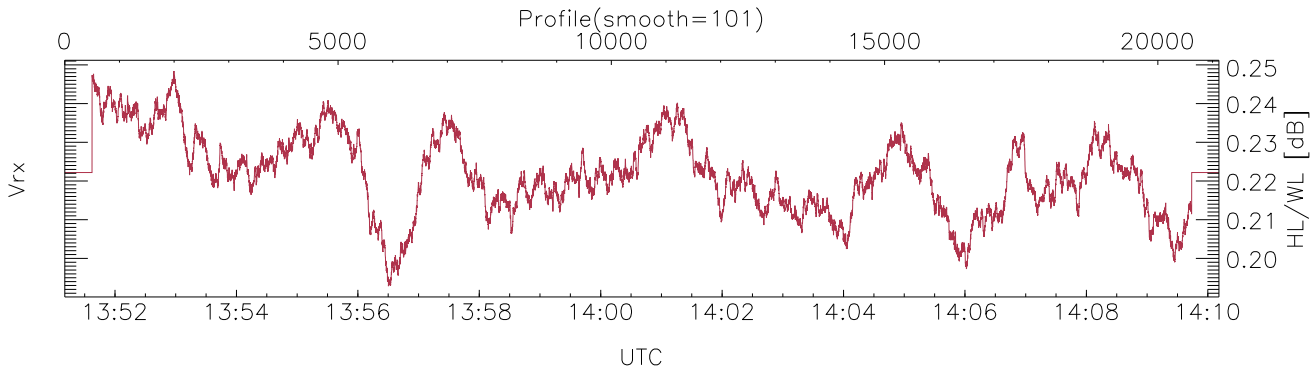
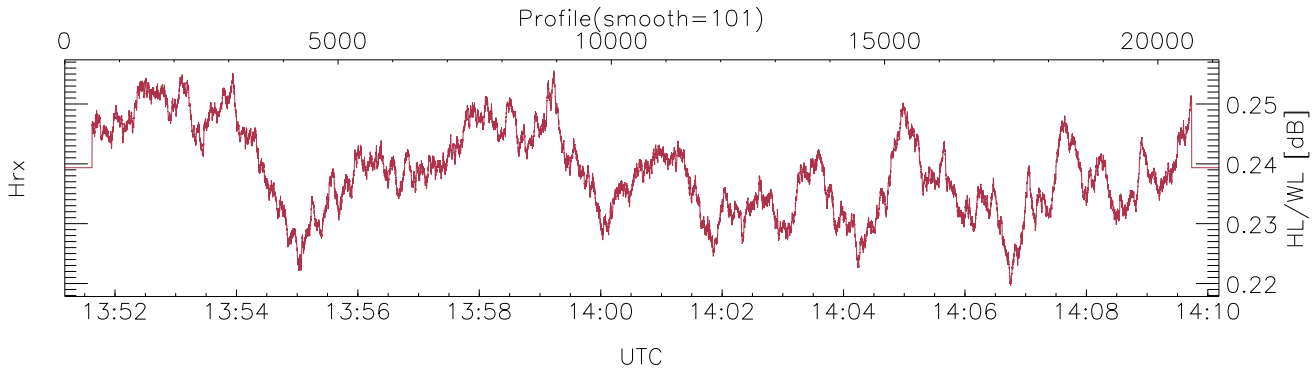


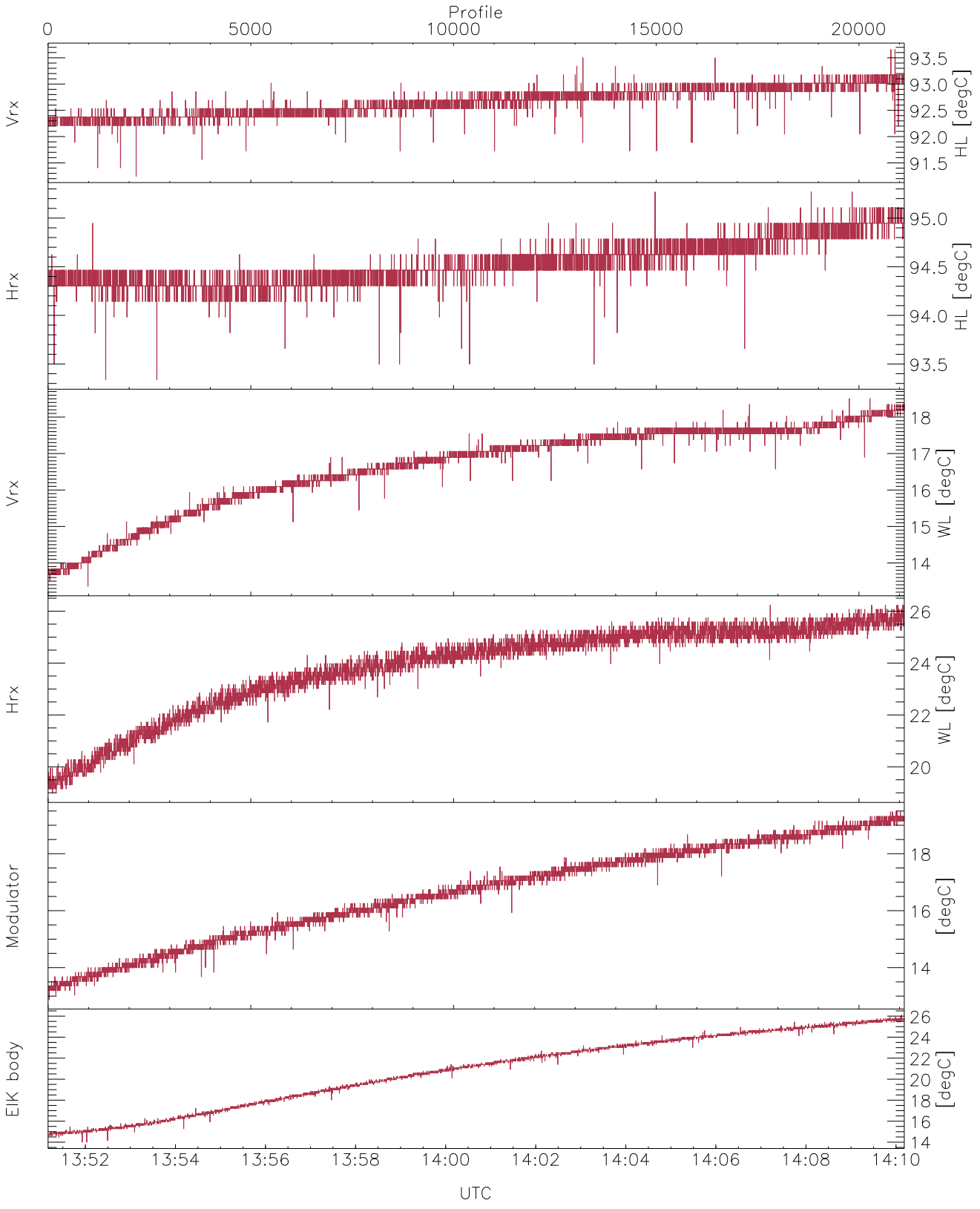






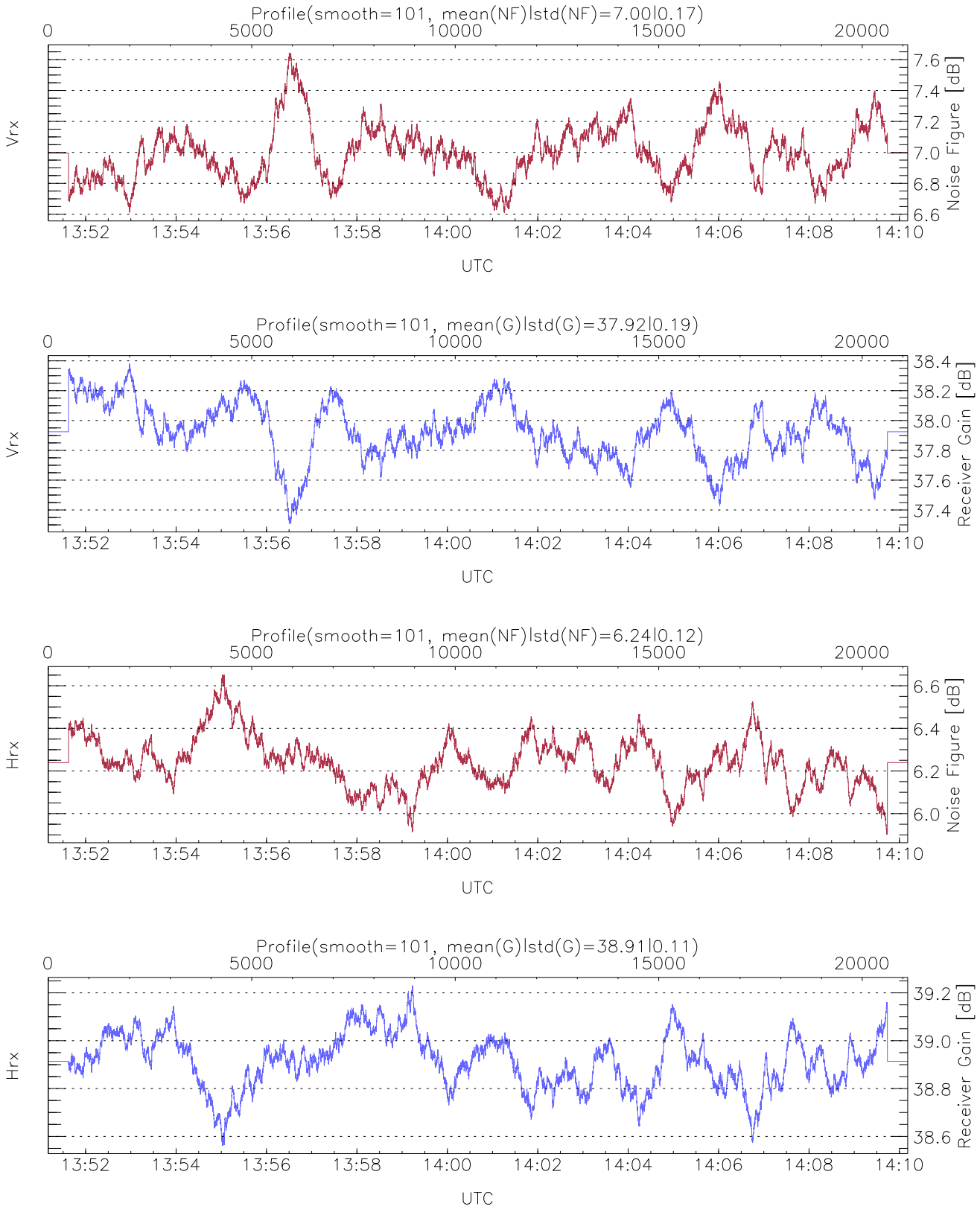
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 13:51:10-14:10:11, Dur: 1140.66s
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): 21119/21119, 0-21118/13:51:10-14:10:11
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): 91



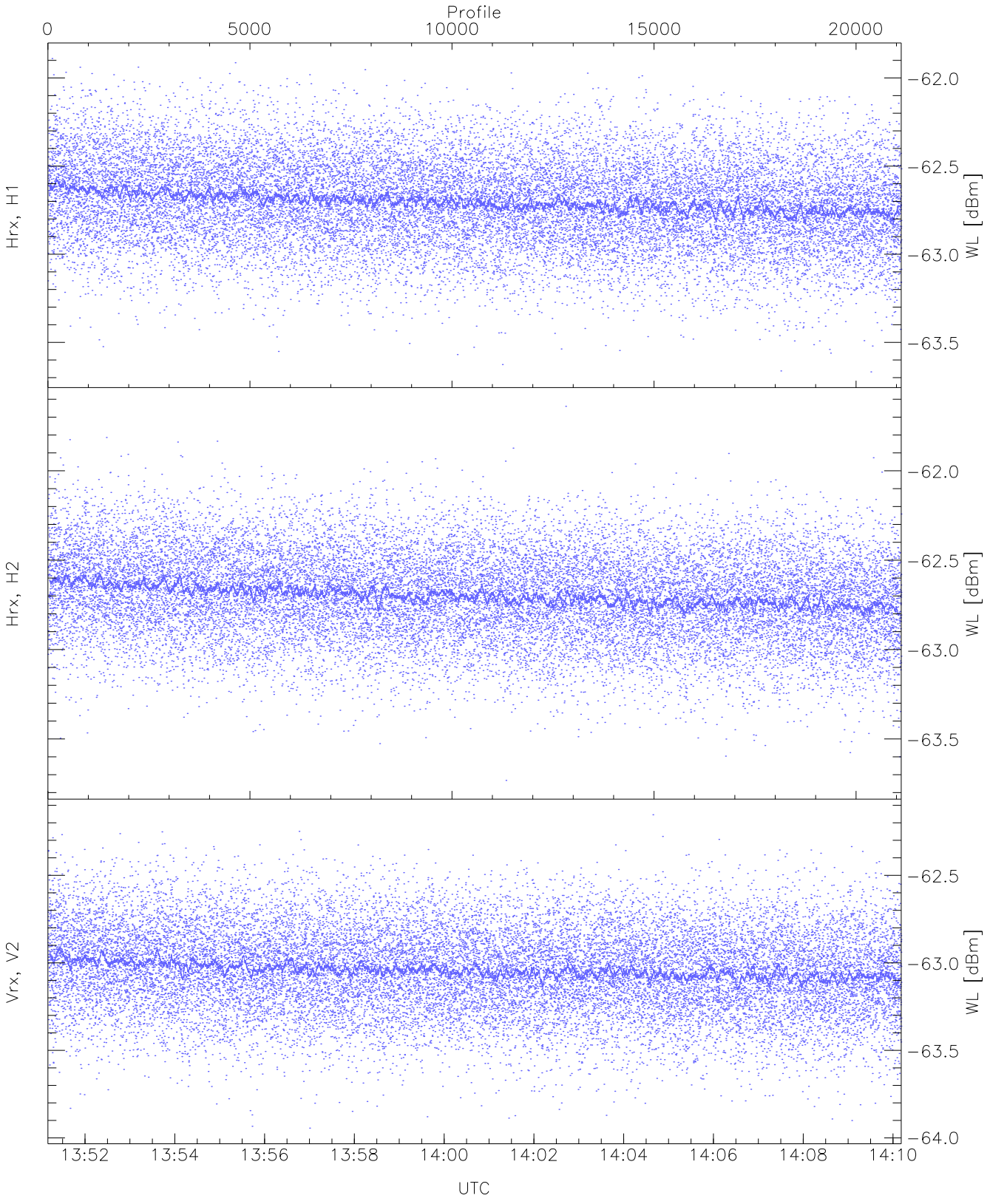
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,13,18,12,14
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,18,26,19,26
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (5,5,10,10,5,15)



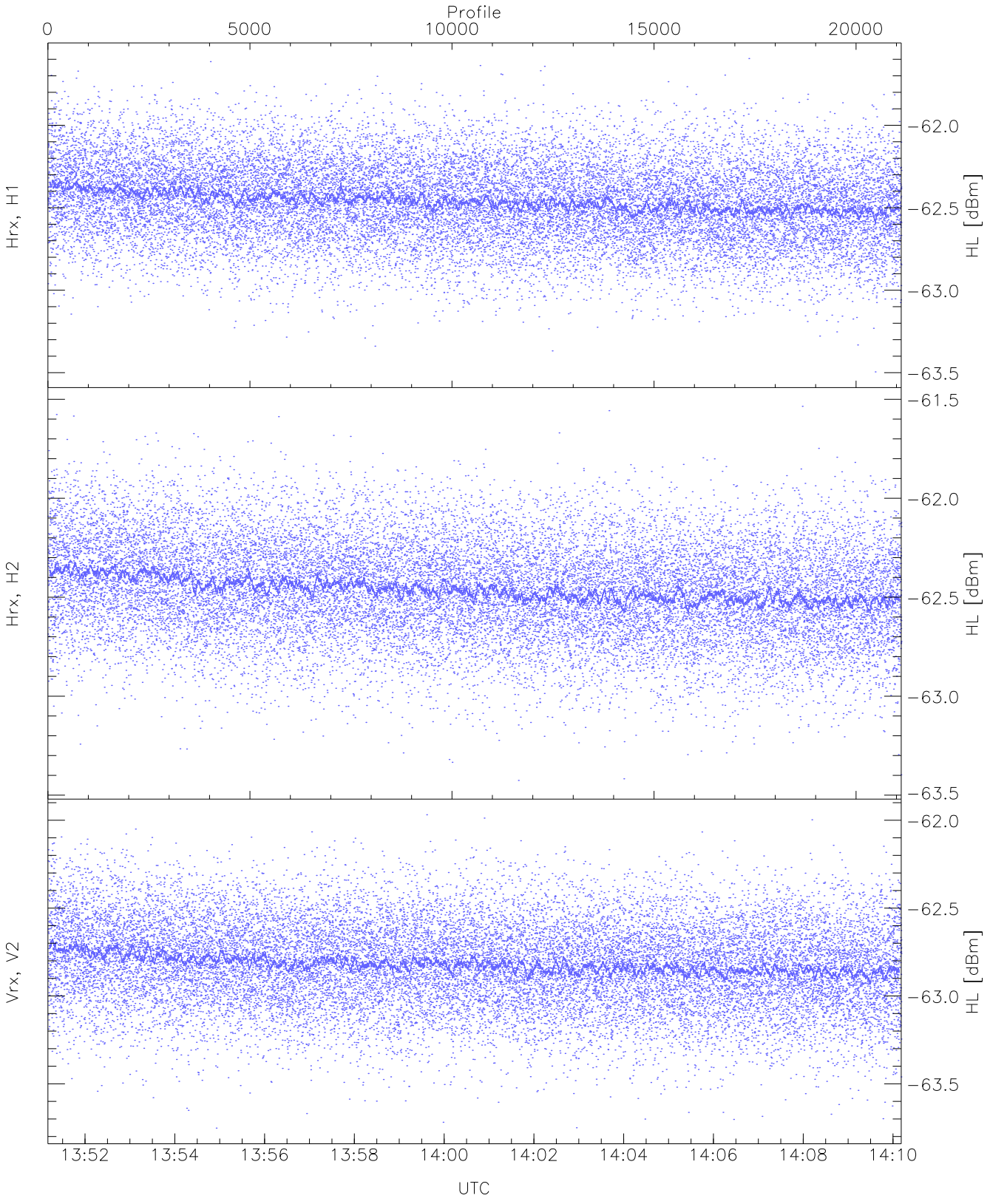
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 668 pixs, 47 gates, 646 profs, 2 prods



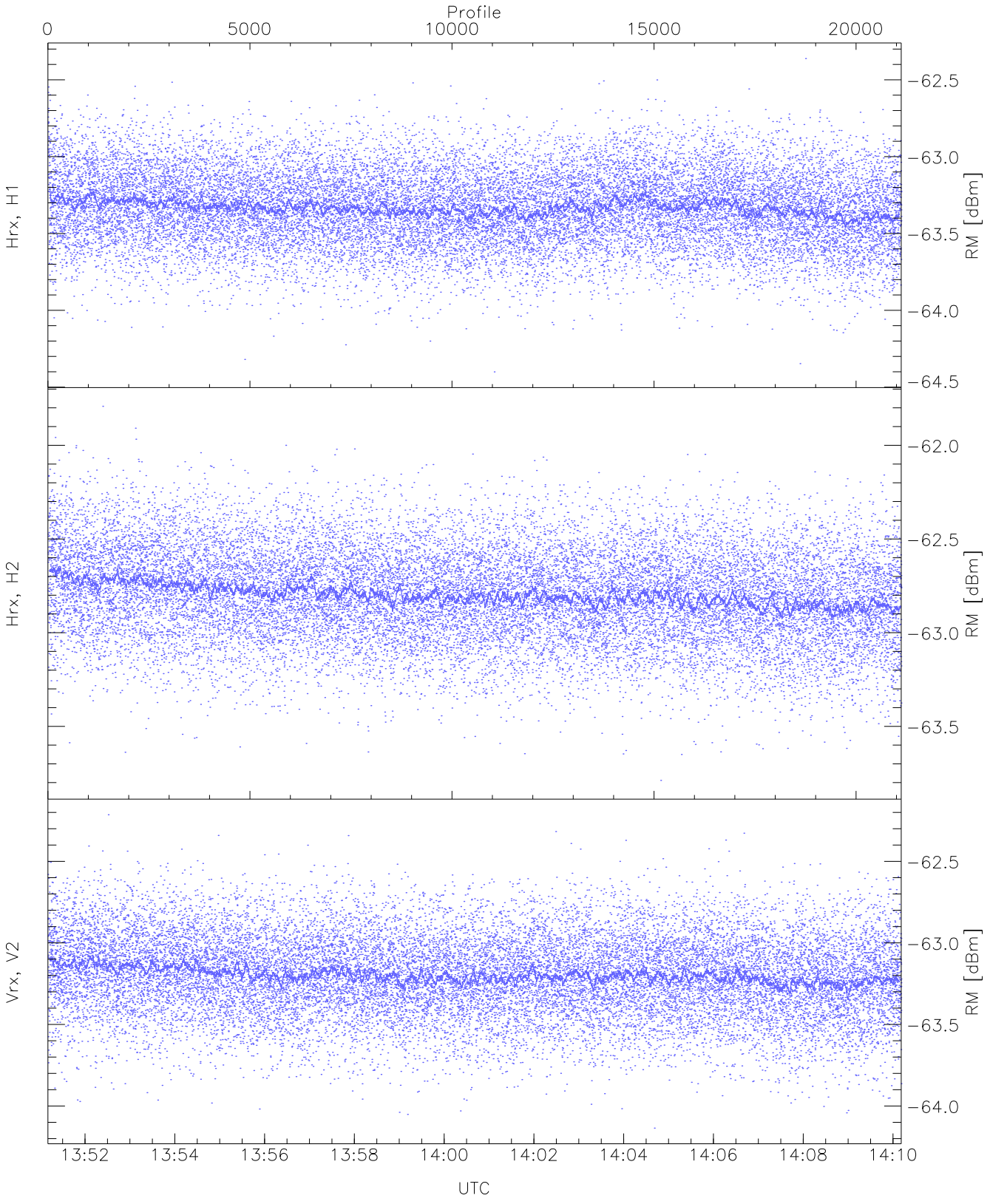
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.67	-61.89	-62.70	-62.70	-75.34
Hrx, H2(WL [dBm])	-63.73	-61.64	-62.70	-62.70	-75.34
Vrx, V2(WL [dBm])	-63.94	-62.15	-63.04	-63.04	-75.70



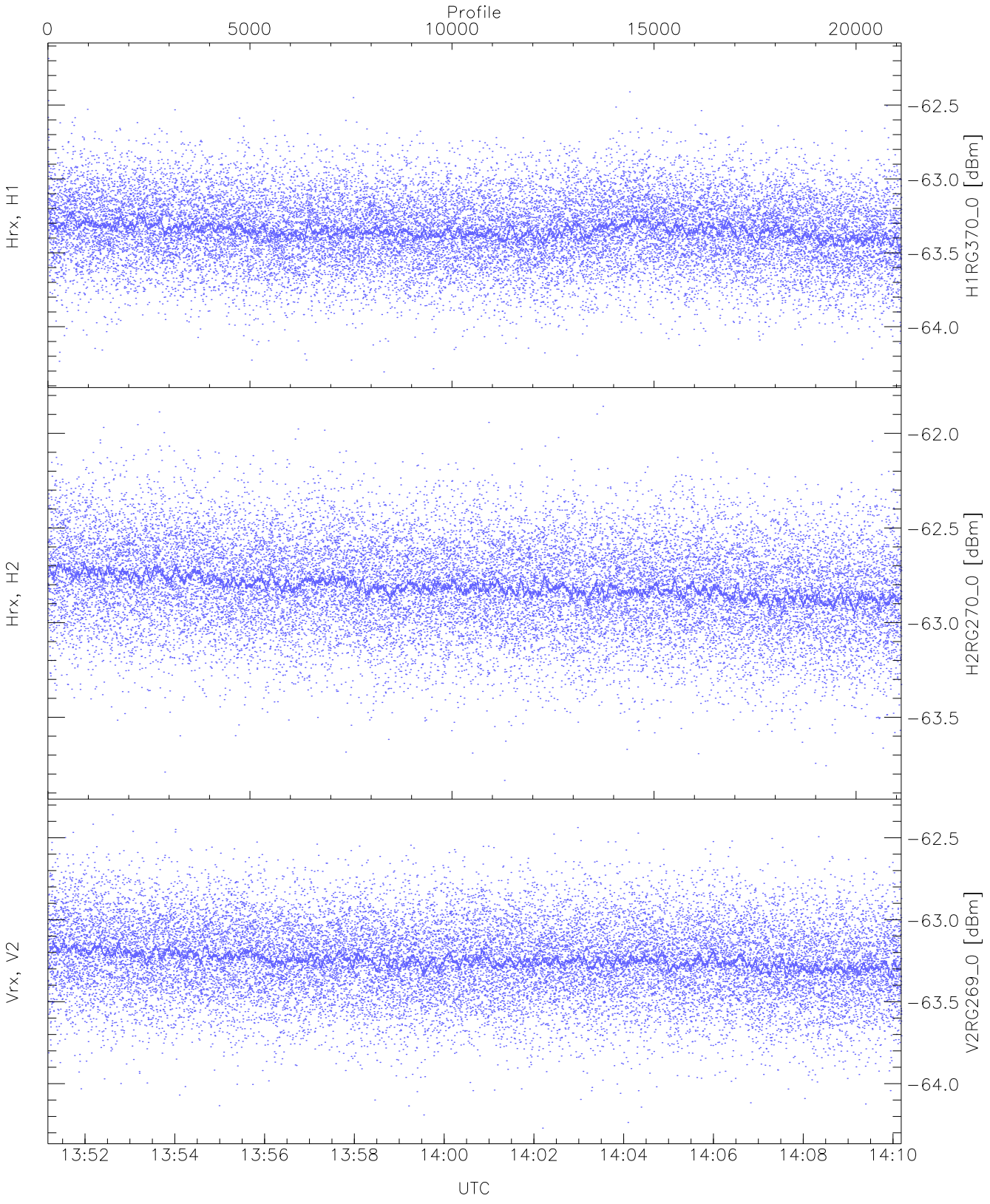
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-63.50	-61.60	-62.46	-62.46	-75.12
Hrx, H2(HL [dBm])	-63.43	-61.54	-62.46	-62.46	-75.11
Vrx, V2(HL [dBm])	-63.75	-61.97	-62.82	-62.82	-75.46



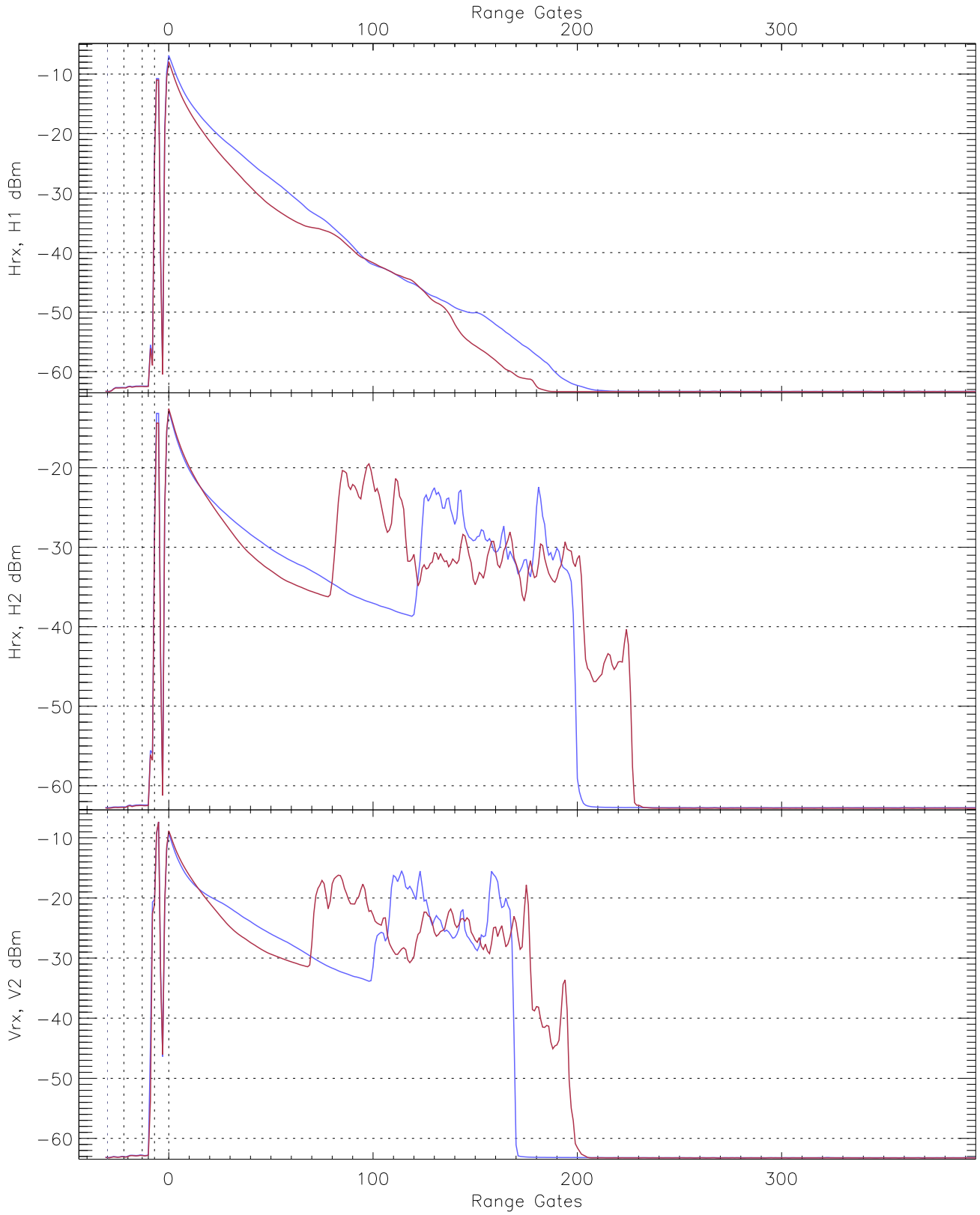
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-64.40	-62.36	-63.33	-63.33	-76.04
Hrx, H2(RM [dBm])	-63.79	-61.79	-62.79	-62.80	-75.43
Vrx, V2(RM [dBm])	-64.14	-62.21	-63.19	-63.20	-75.83

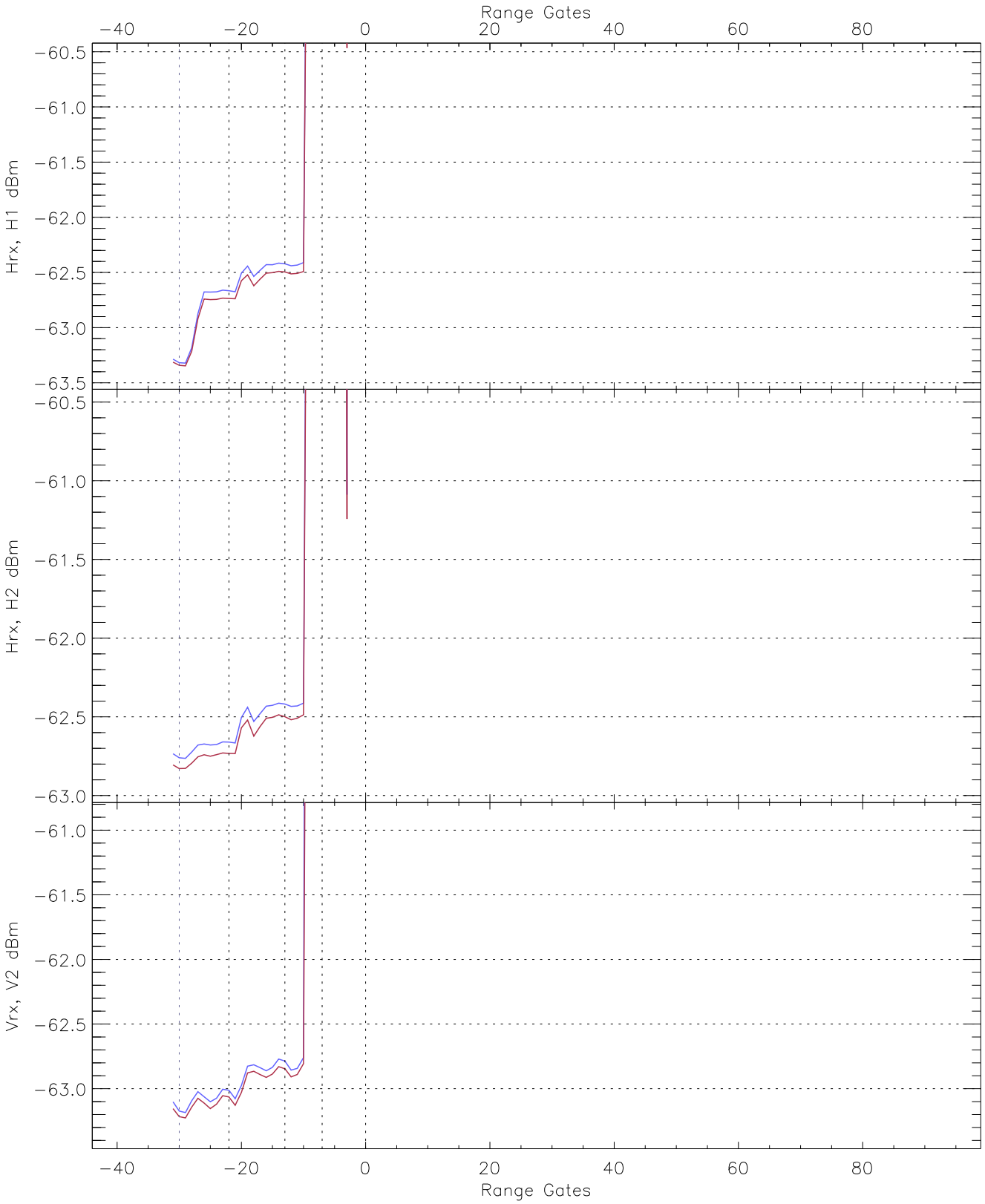


WCR2 CPP "Best" estimate Receivers Noise Power

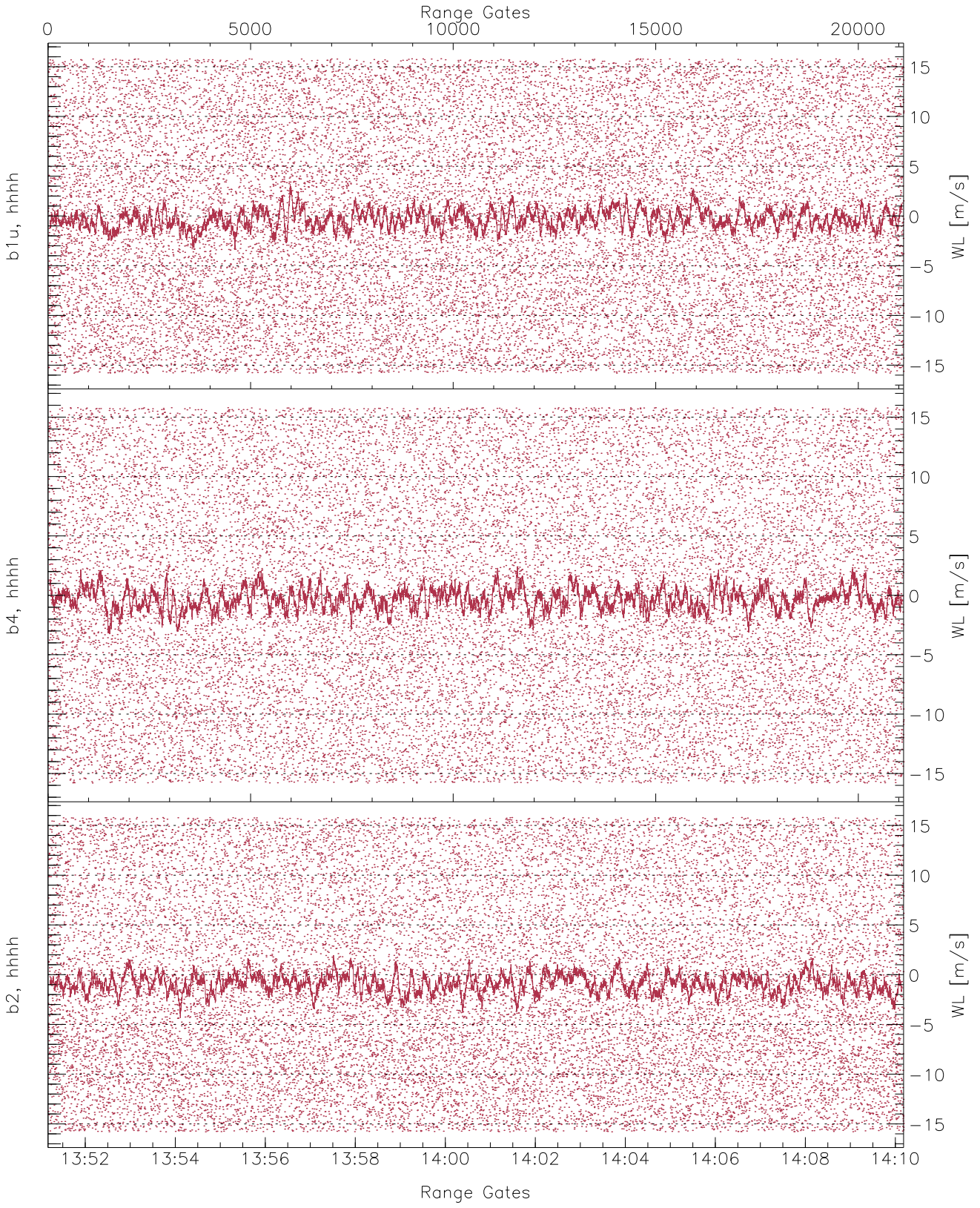
	Min	Max	Mean	Median	StDev
H1RG370_0 [dBm]	-64.31	-62.19	-63.35	-63.35	-75.99
H2RG270_0 [dBm]	-63.83	-61.86	-62.81	-62.81	-75.44
V2RG269_0 [dBm]	-64.27	-62.36	-63.24	-63.25	-75.93



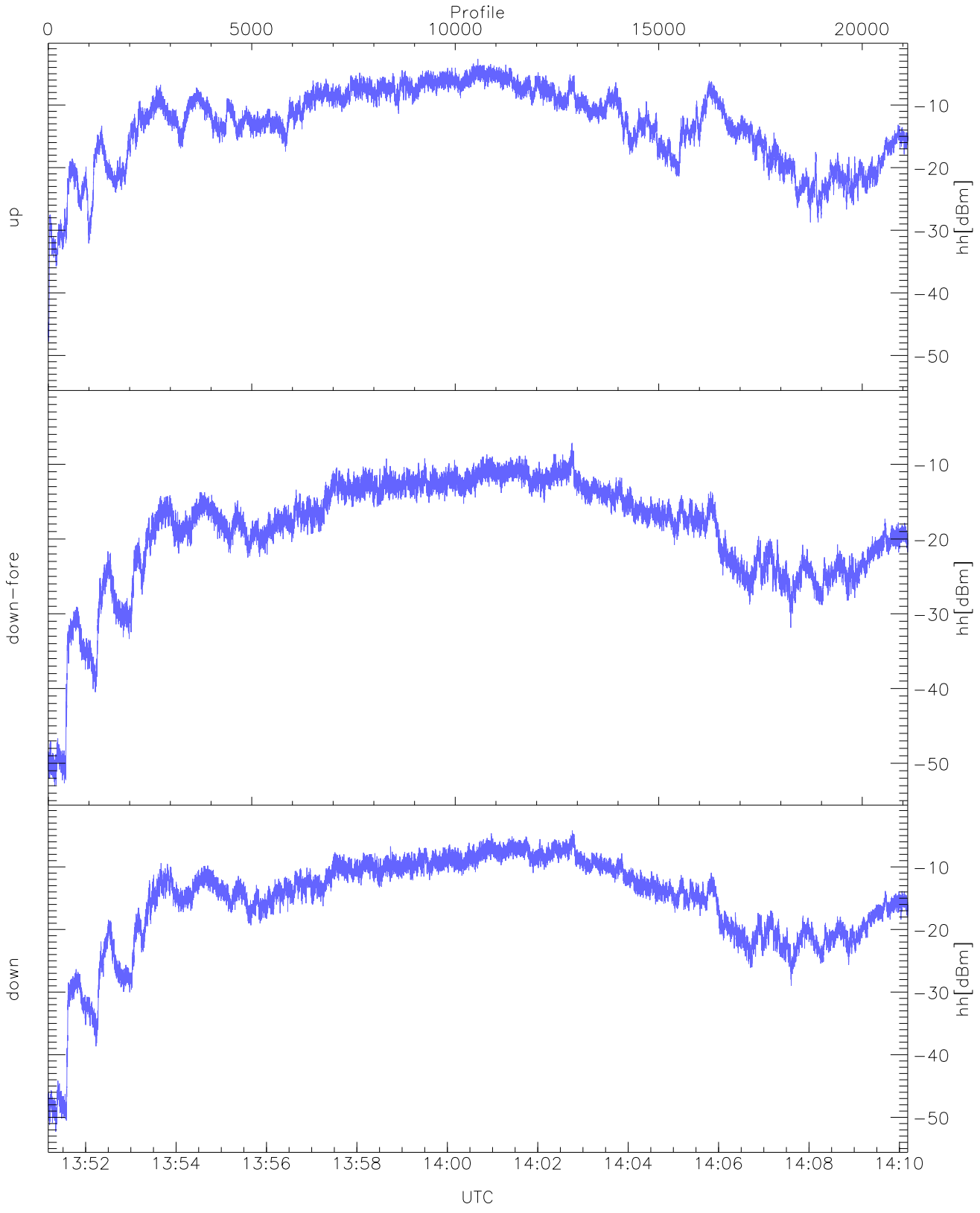
WCR2 CPP Averaged Received power for all recorded gates
blue: 135110-140041, 10560 profiles averaged
red: 140041-141011, 10560 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 135110-140041, 10560 profiles averaged
red: 140041-141011, 10560 profiles averaged

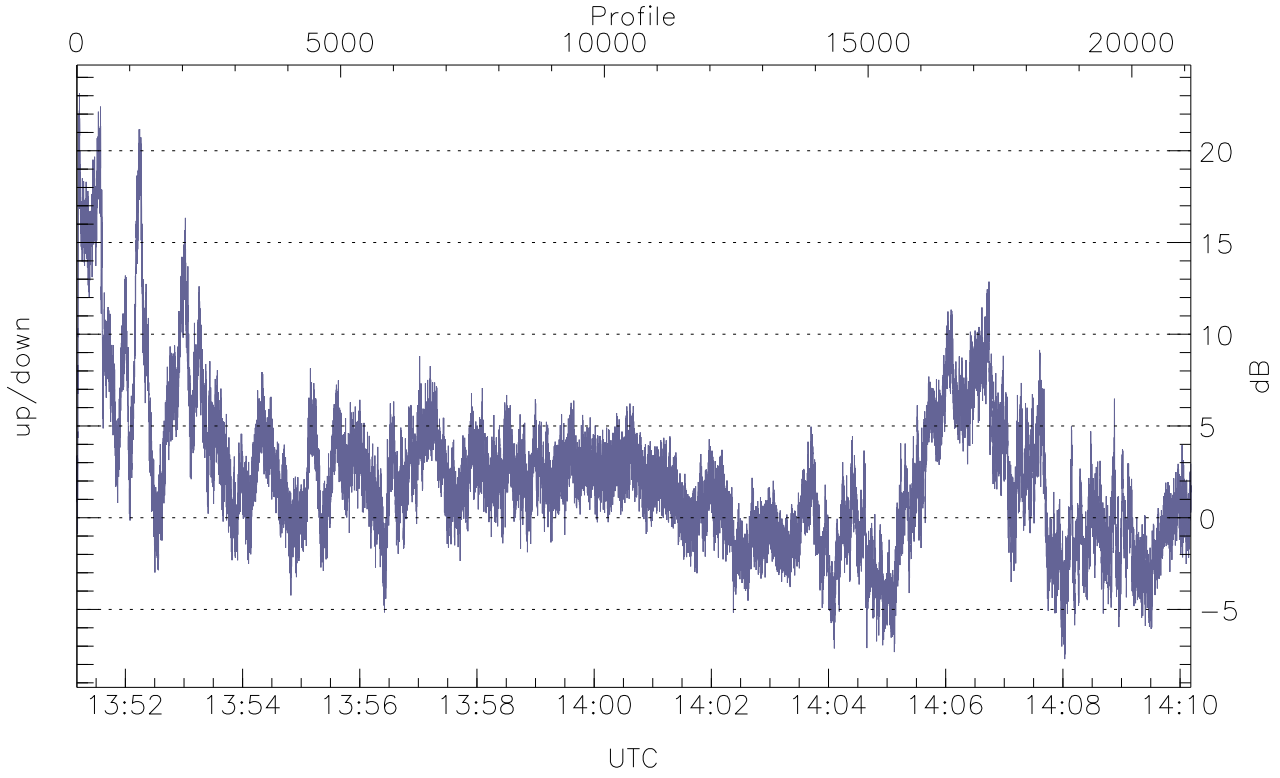


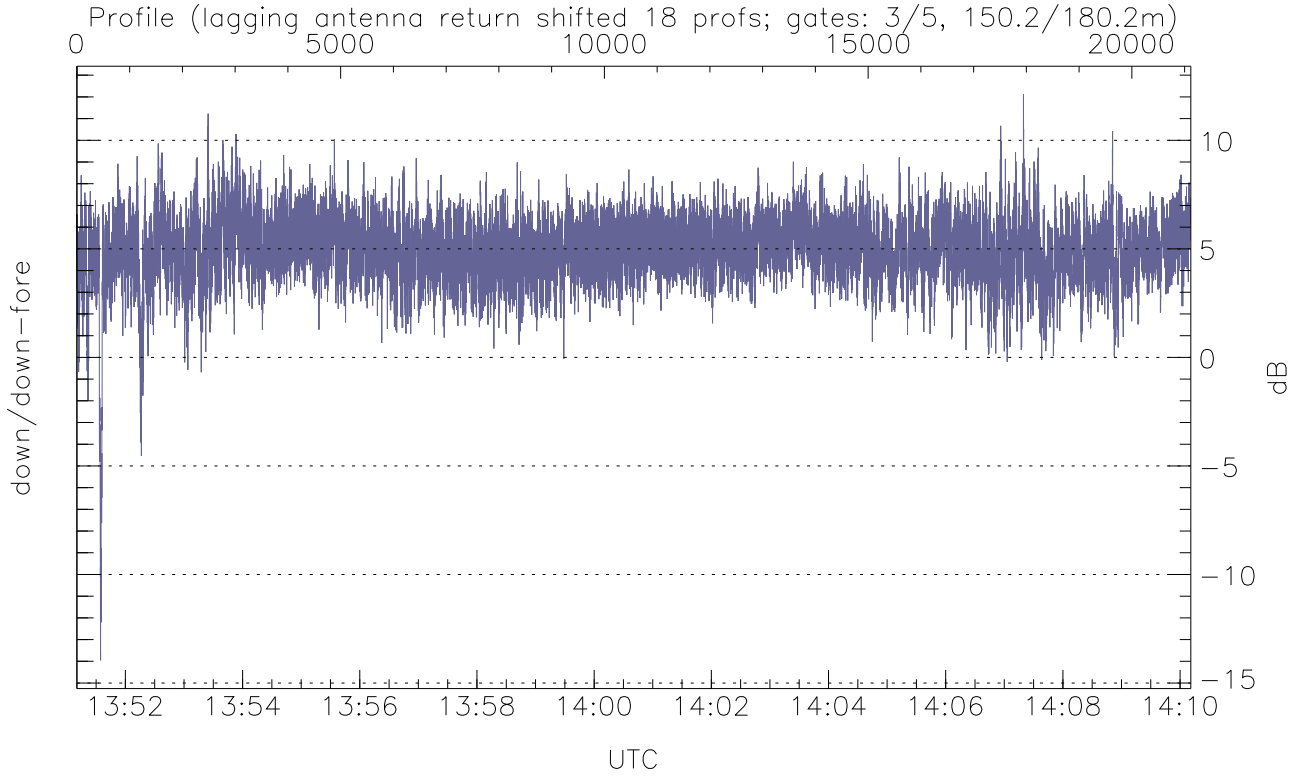
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

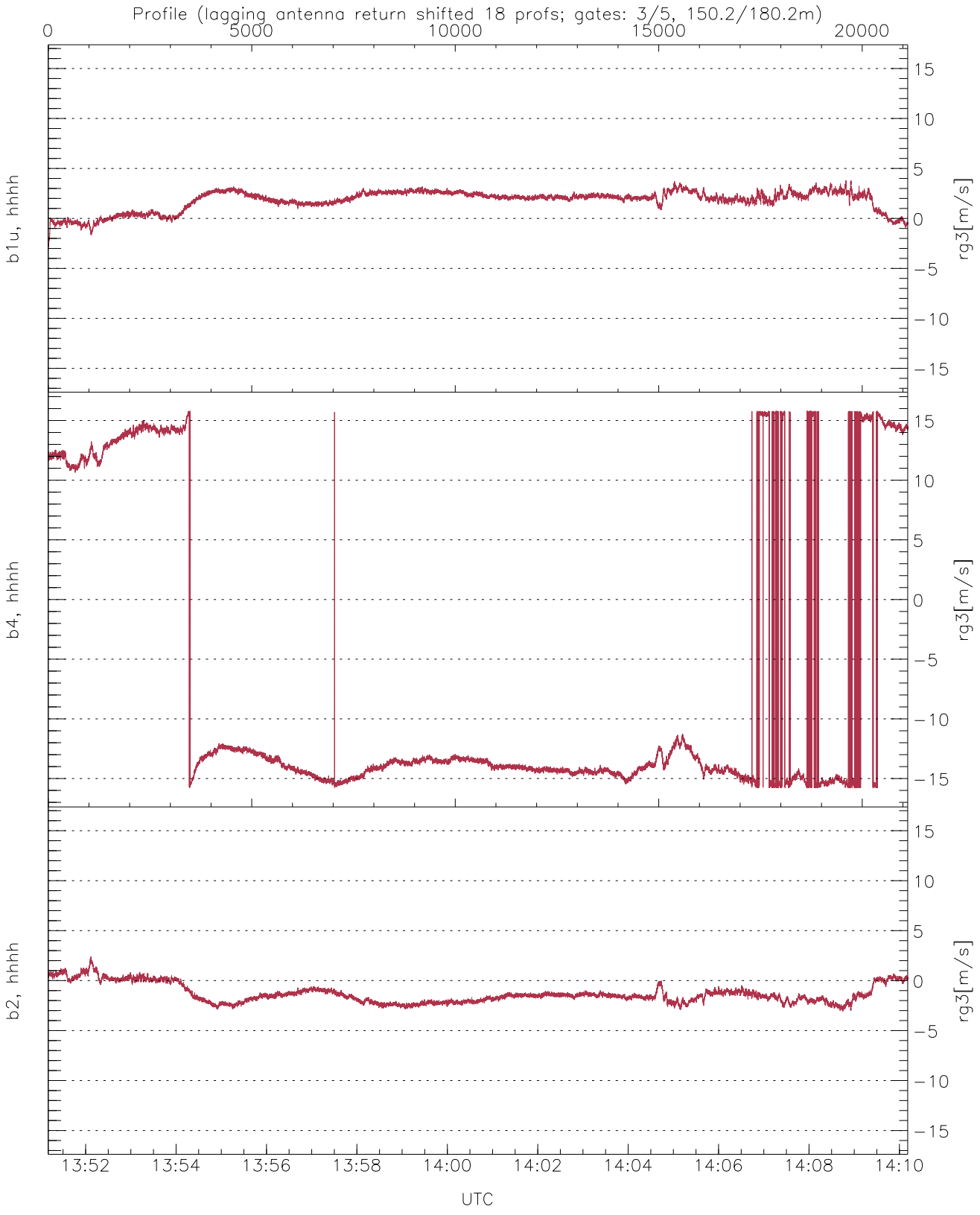
	Min	Max	Mean
up(hh[dBm])	-47.79	-2.65	-10.22
down-fore(hh[dBm])	-53.07	-7.14	-15.44
down(hh[dBm])	-52.29	-4.21	-11.96





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

	Min	Max	Mean
up/down(dB)	-7.70	23.13	2.32
down/down-fore(dB)	-13.95	12.11	4.95



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-2.84	3.81	1.79	1.02
b4, hhhh(rg3[m/s])	-15.80	15.80	-7.14	12.12
b2, hhhh(rg3[m/s])	-3.07	2.39	-1.33	0.94