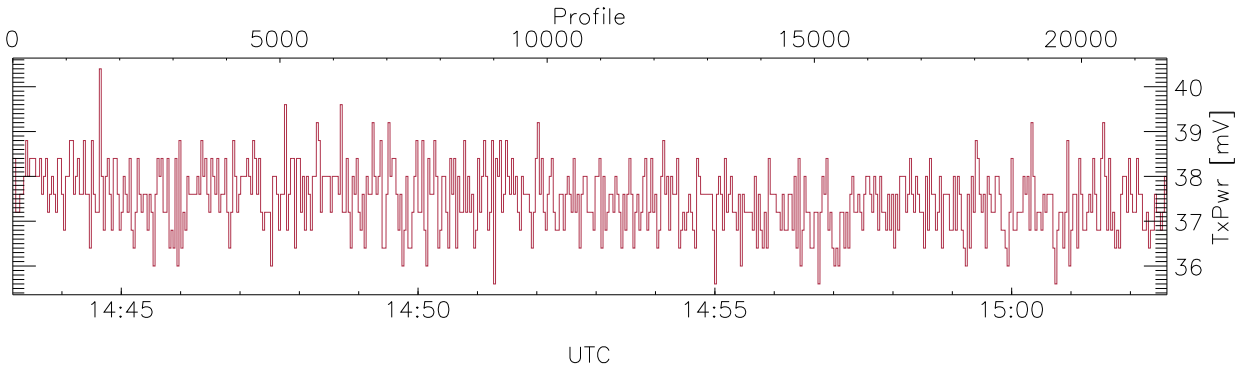
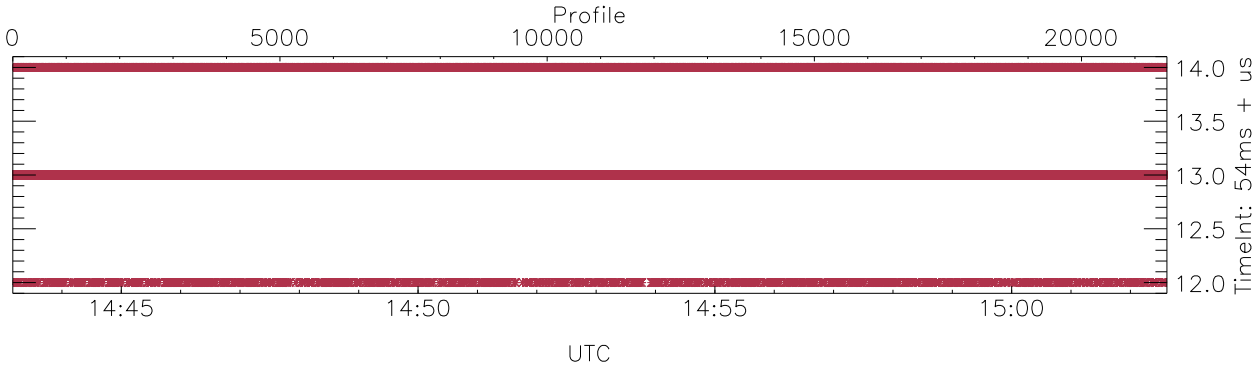
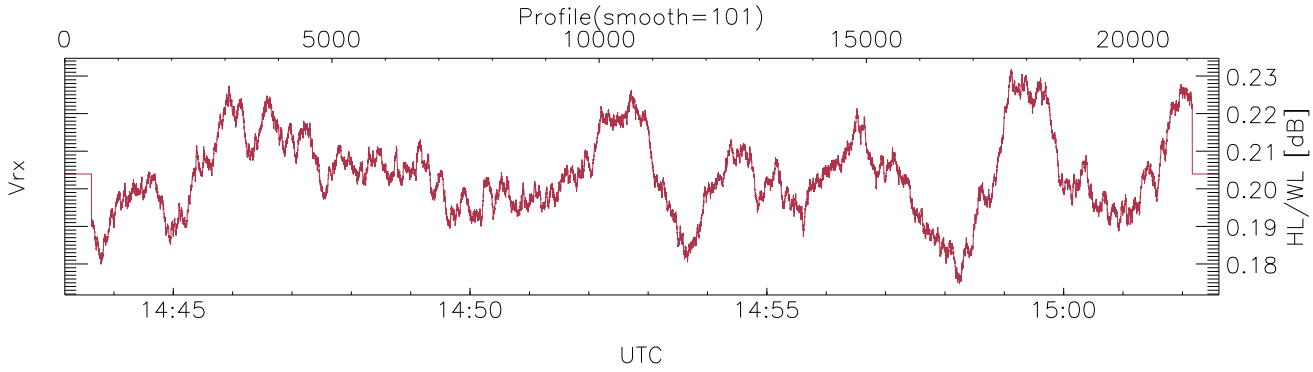
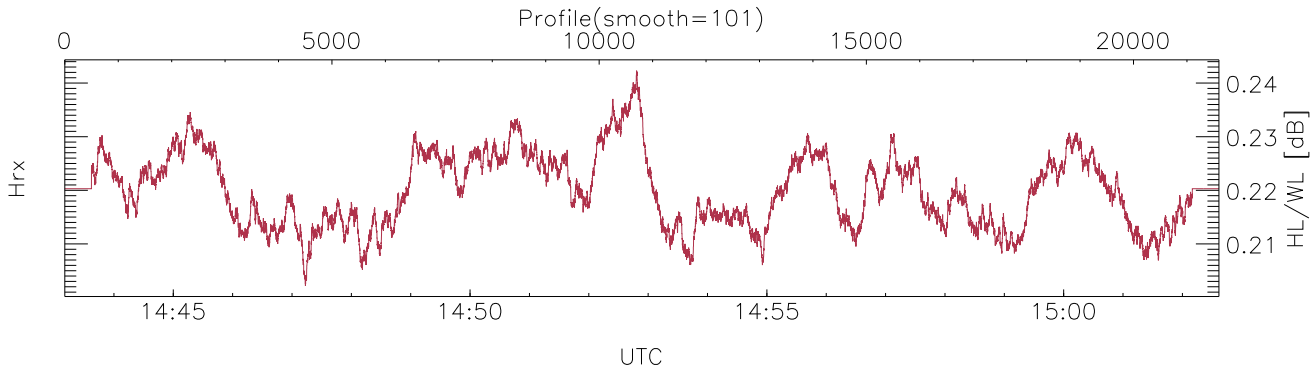


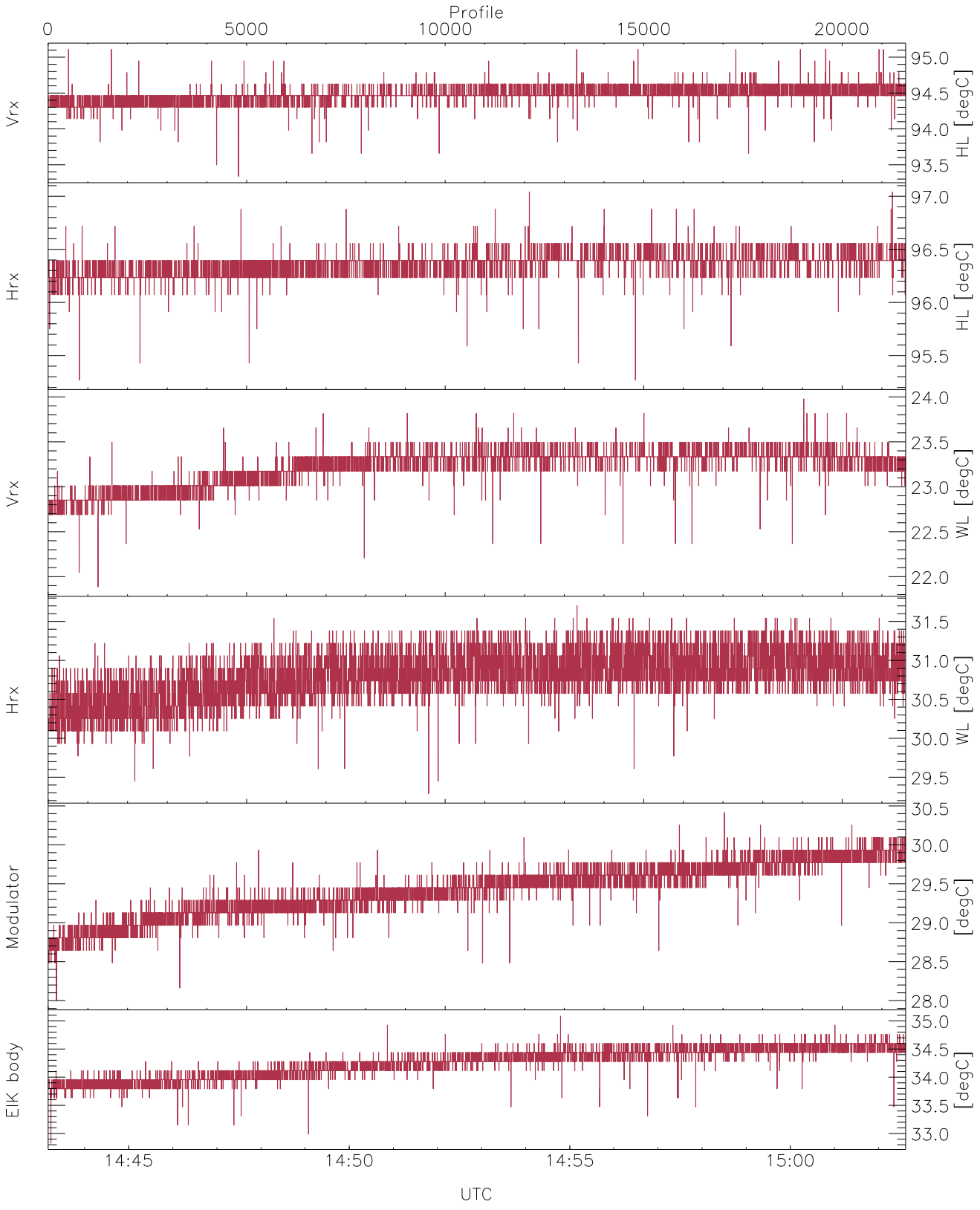






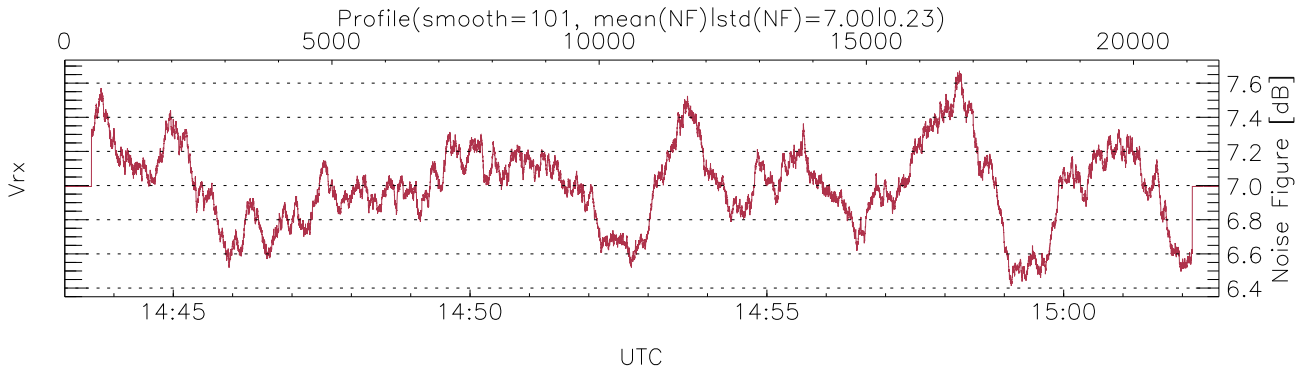
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

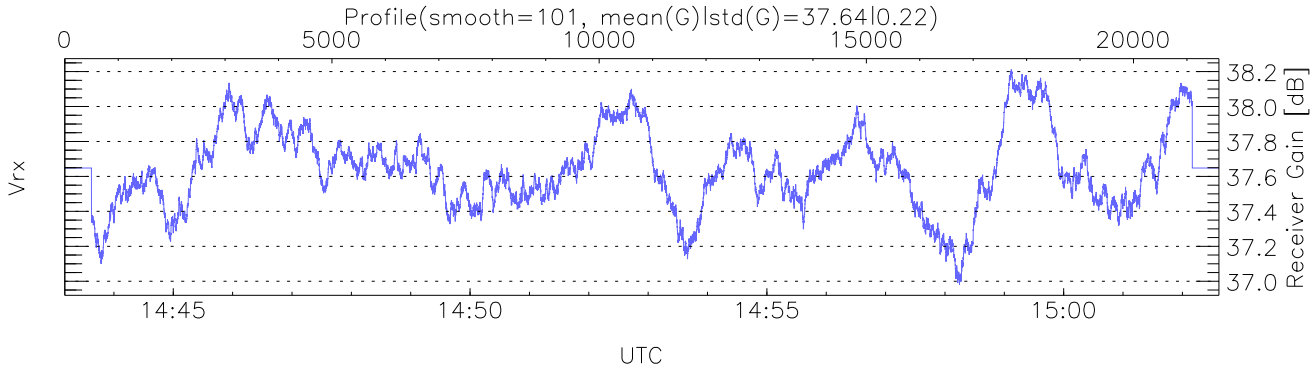
UTC: 14:43:10-15:21:01, Dur: 2270.40s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 54.0,54.0,54.0,0.0 ms / 19,19,19
NumRec(r/t): 21600/42035, 0-21599/14:43:10-15:02:37
AcqTime: 54.0ms, Rate: 287KB/s, Averages: 180
Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2
PRF: 20.0 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

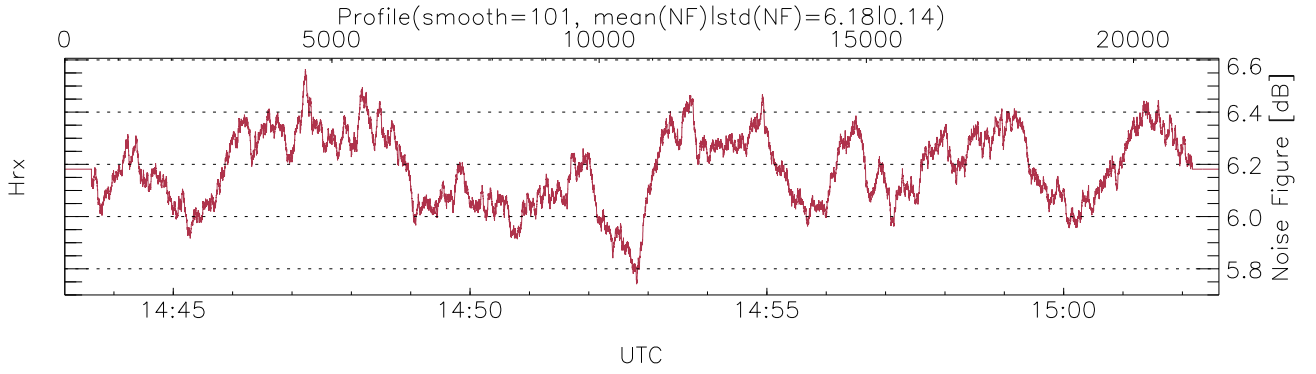


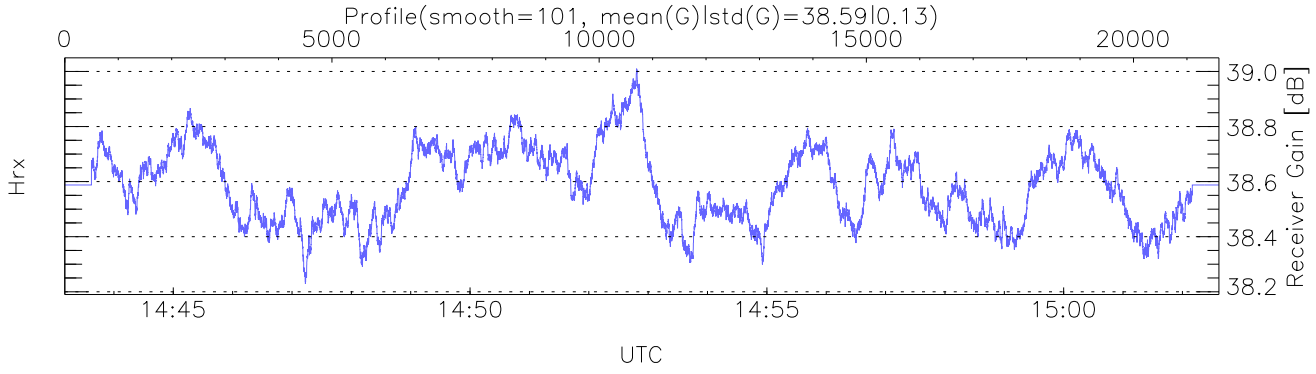
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,21,29,28,32
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 95,97,23,31,30,35
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (15,15,15,20,15,5)



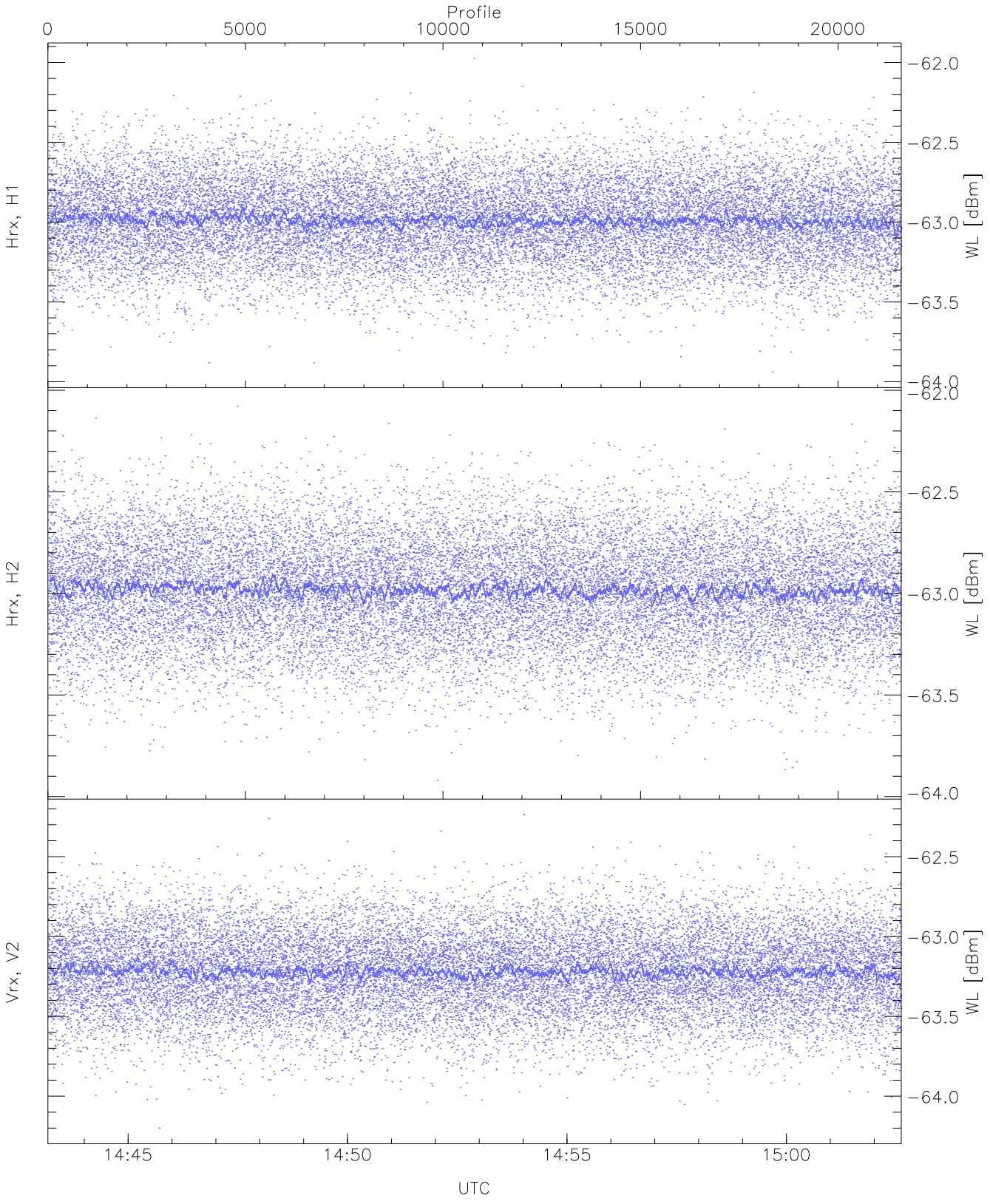






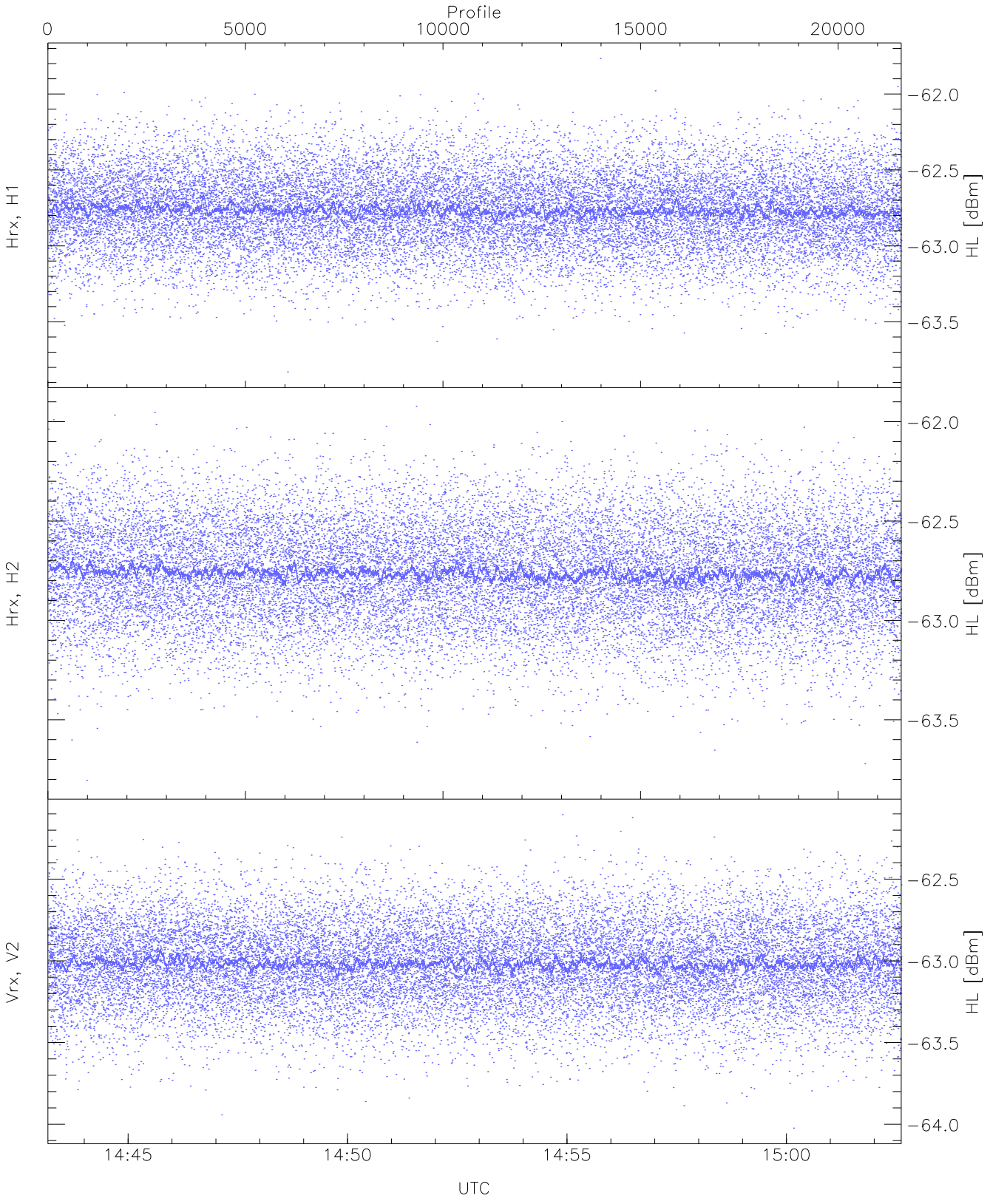
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 13 pixs, 3 gates, 13 profs, 1 prods



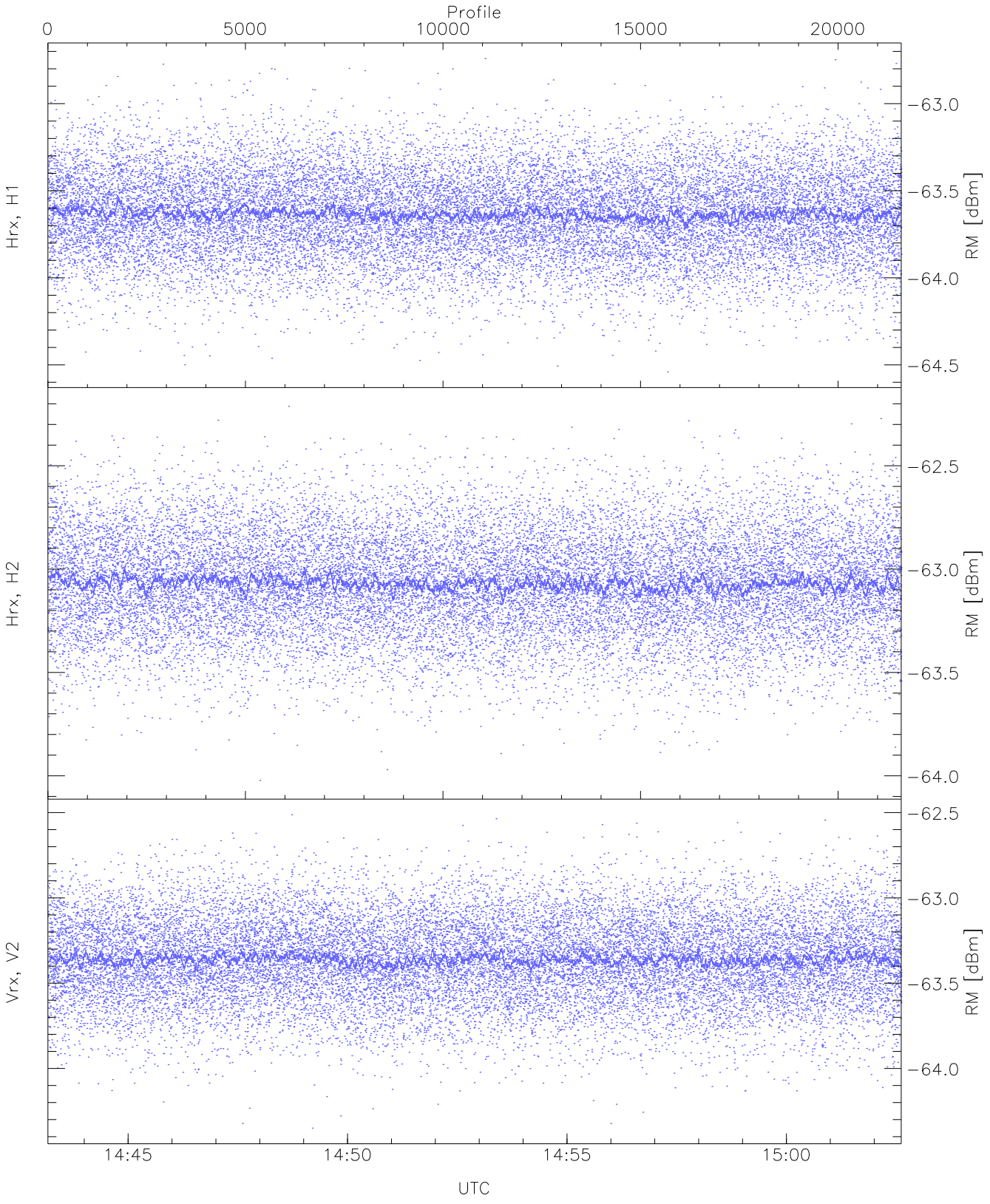
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.94	-61.98	-62.99	-62.99	-75.72
Hrx, H2(WL [dBm])	-63.92	-62.08	-62.98	-62.98	-75.67
Vrx, V2(WL [dBm])	-64.20	-62.24	-63.22	-63.22	-75.91



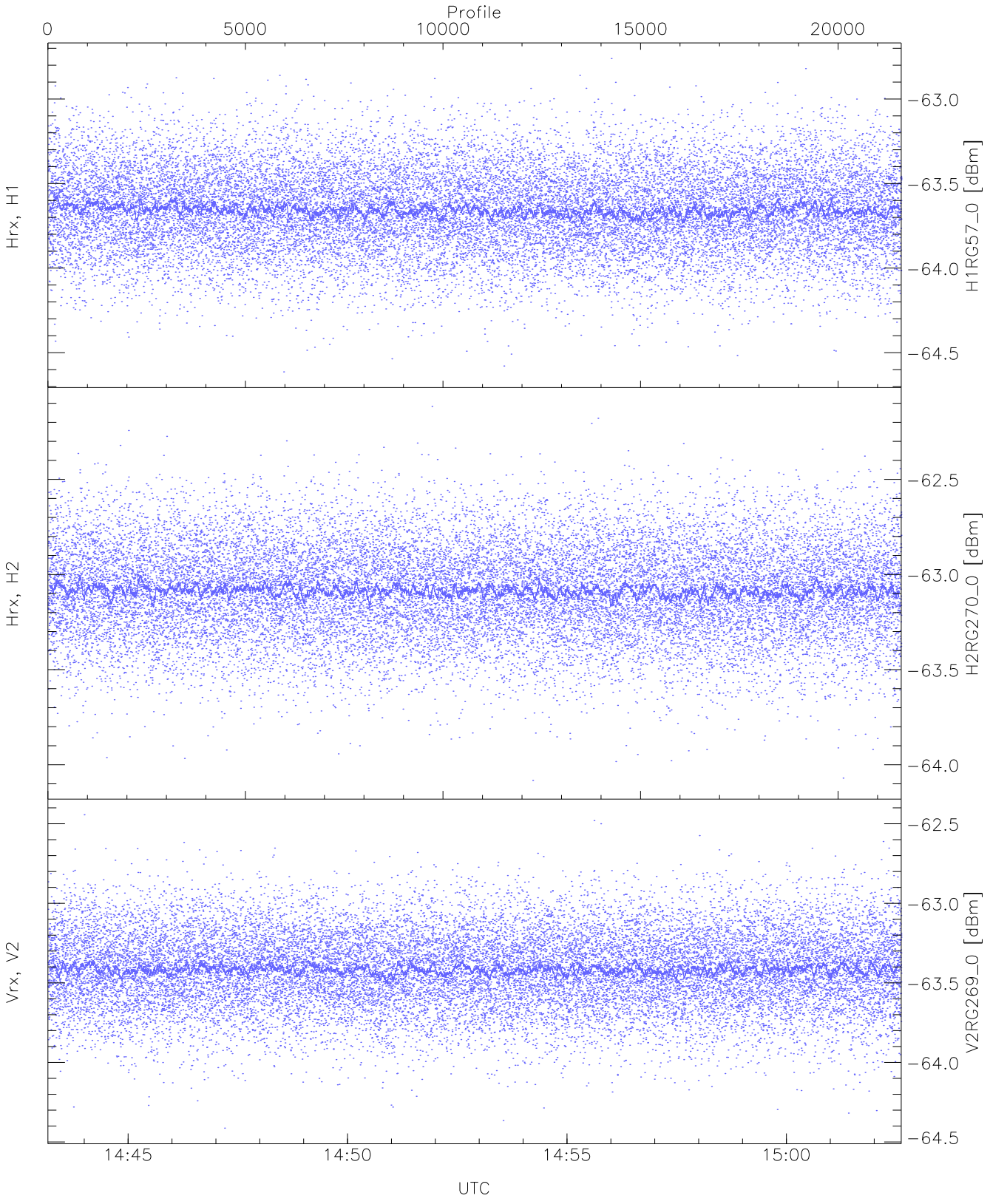
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-63.83	-61.77	-62.76	-62.77	-75.45
Hrx, H2(HL [dBm])	-63.81	-61.92	-62.76	-62.77	-75.47
Vrx, V2(HL [dBm])	-64.02	-62.11	-63.01	-63.02	-75.69



WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

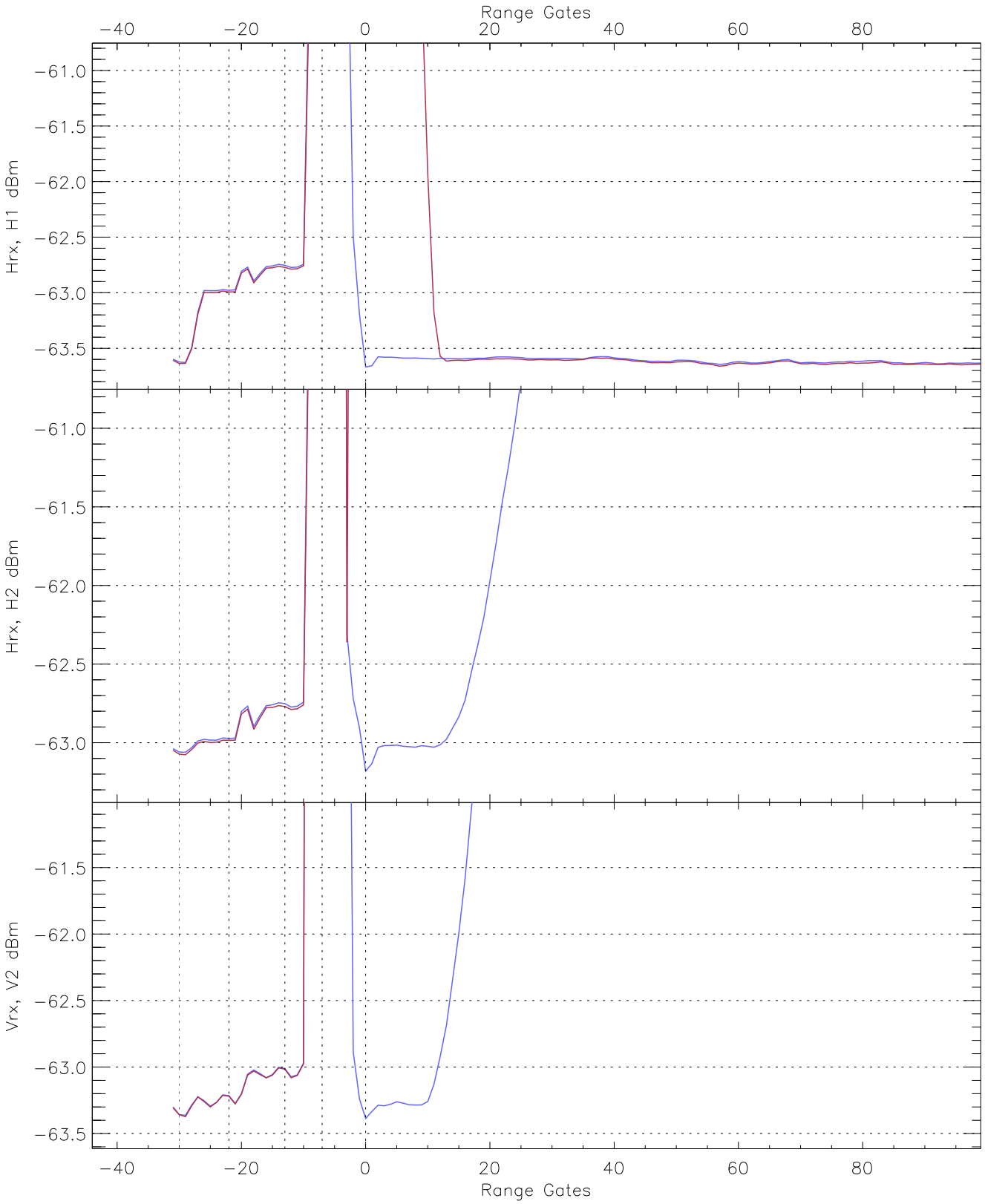
	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-64.54	-62.74	-63.63	-63.64	-76.32
Hrx, H2(RM [dBm])	-64.02	-62.21	-63.07	-63.07	-75.82
Vrx, V2(RM [dBm])	-64.35	-62.51	-63.36	-63.36	-76.05



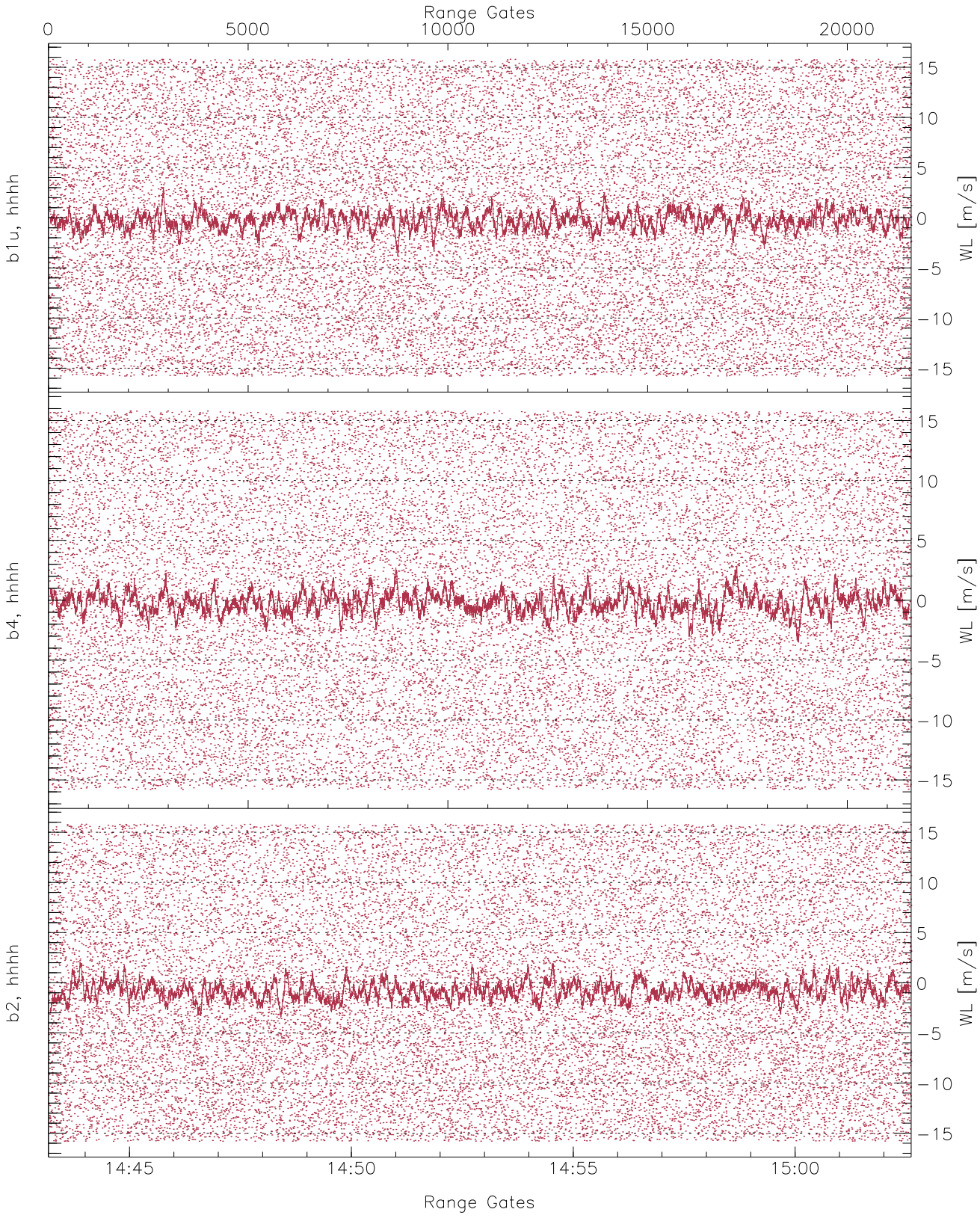
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG57_0 [dBm]	-64.61	-62.76	-63.65	-63.66	-76.32
H2RG270_0 [dBm]	-64.08	-62.12	-63.08	-63.08	-75.78
V2RG269_0 [dBm]	-64.41	-62.44	-63.41	-63.42	-76.12

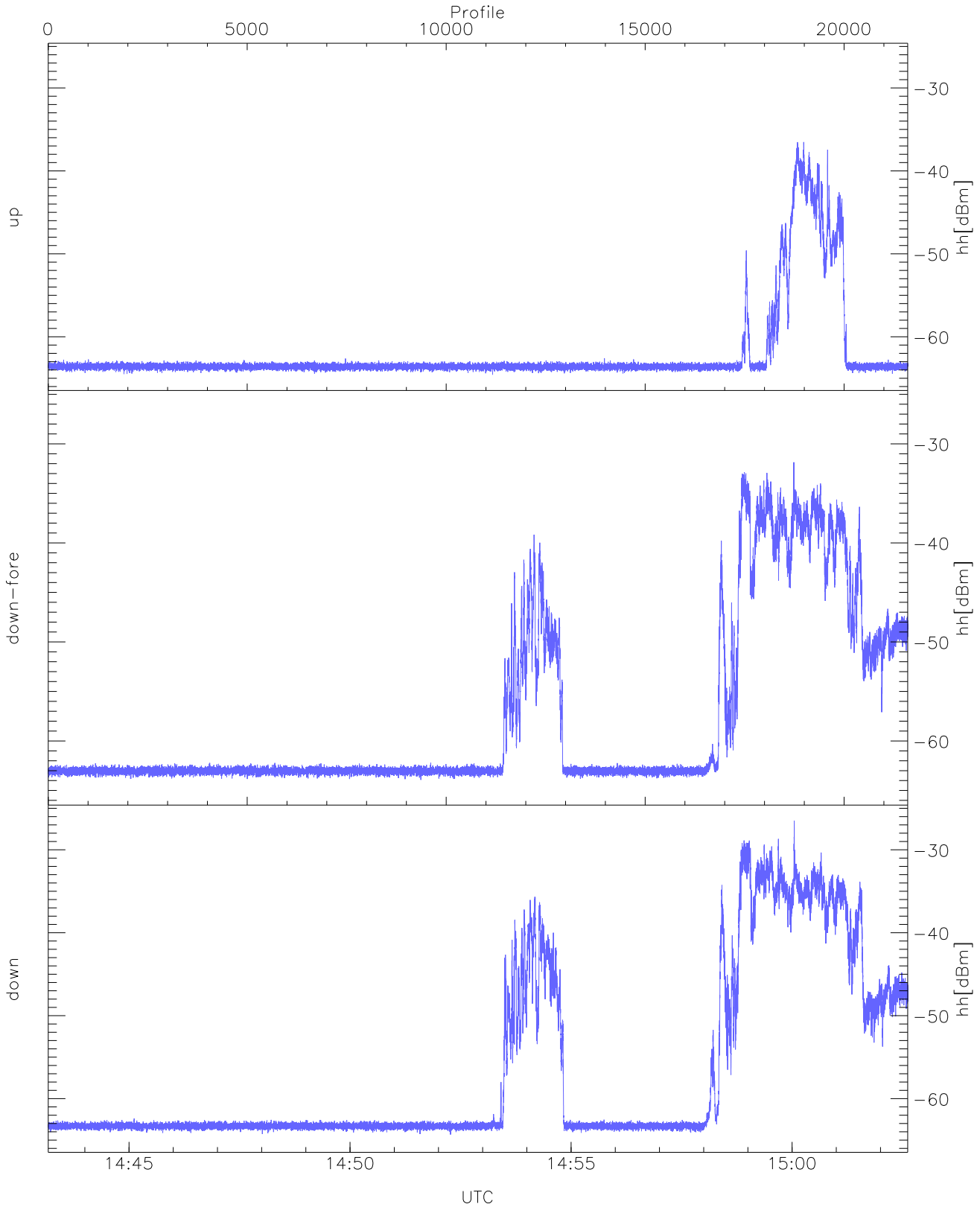
WCR2 CPP Averaged Received power for all recorded gates
blue: 144310-145254, 10801 profiles averaged
red: 145254-150237, 10800 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 144310-145254, 10801 profiles averaged
red: 145254-150237, 10800 profiles averaged

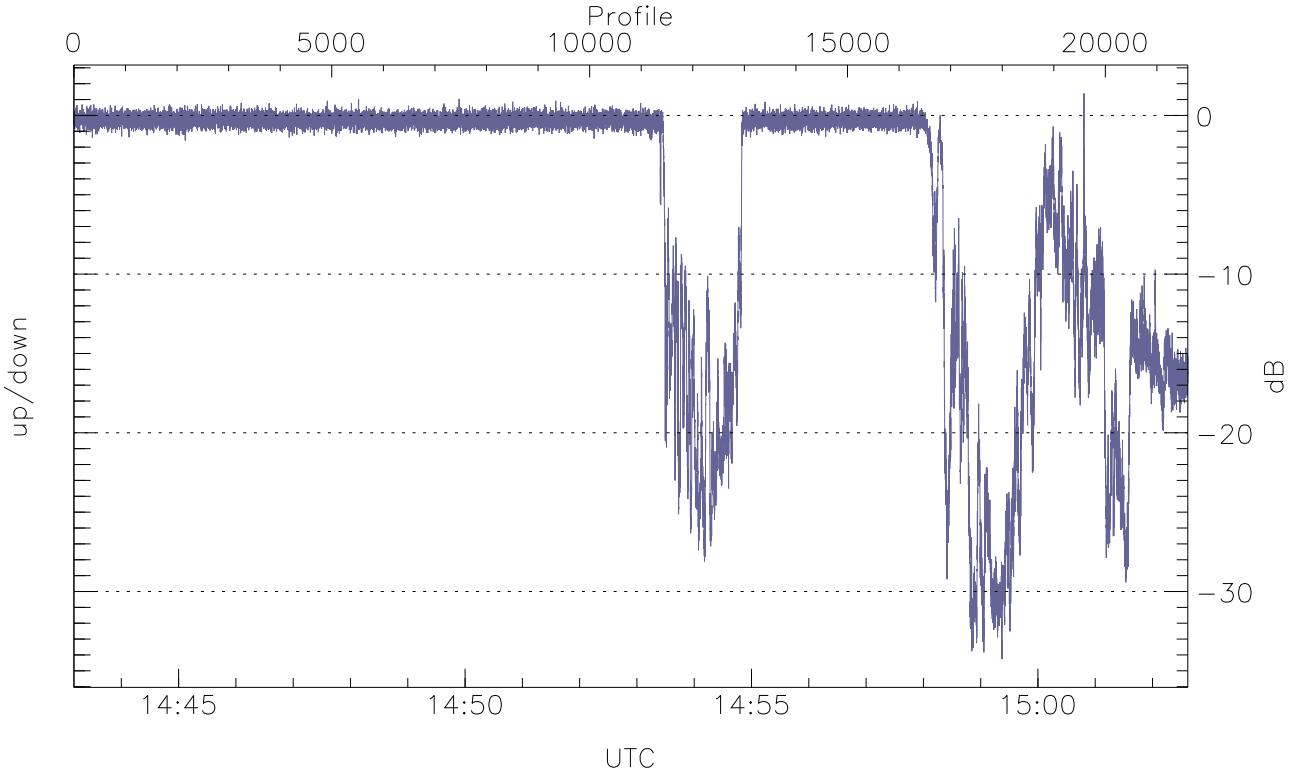


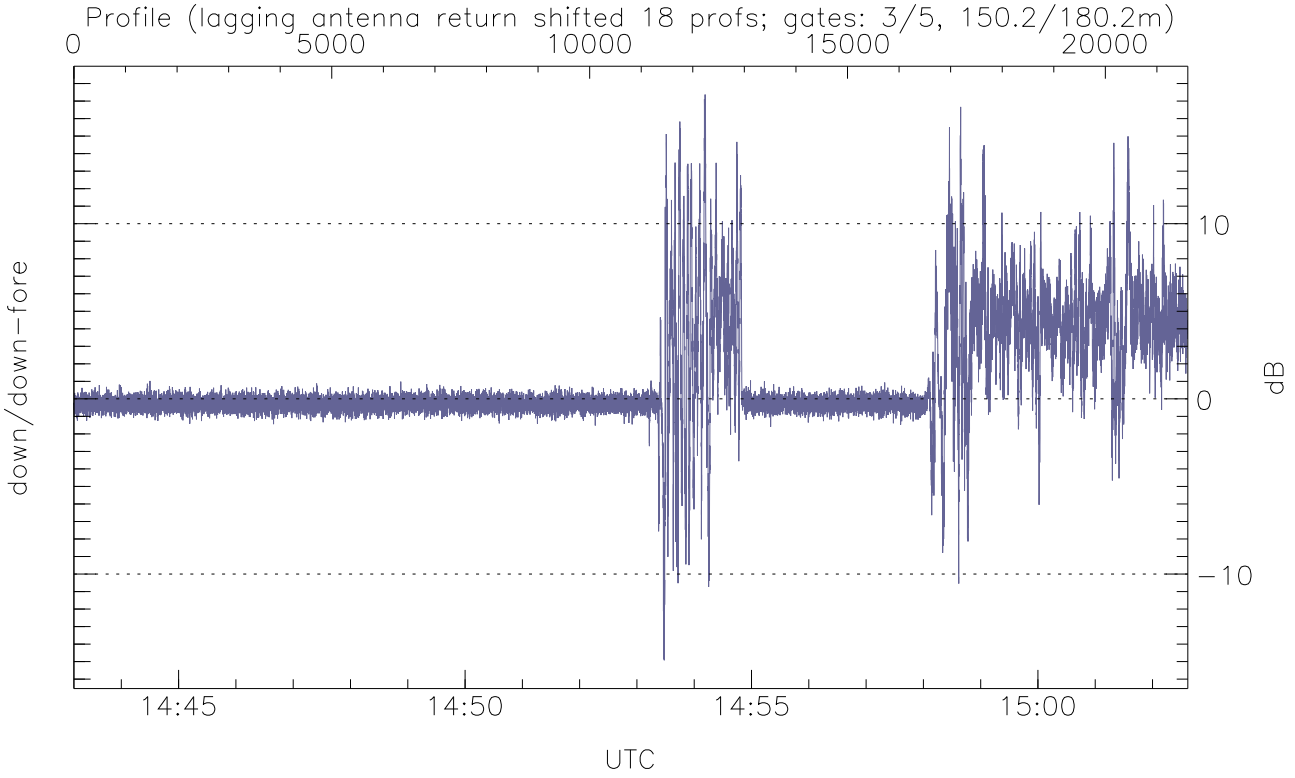
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

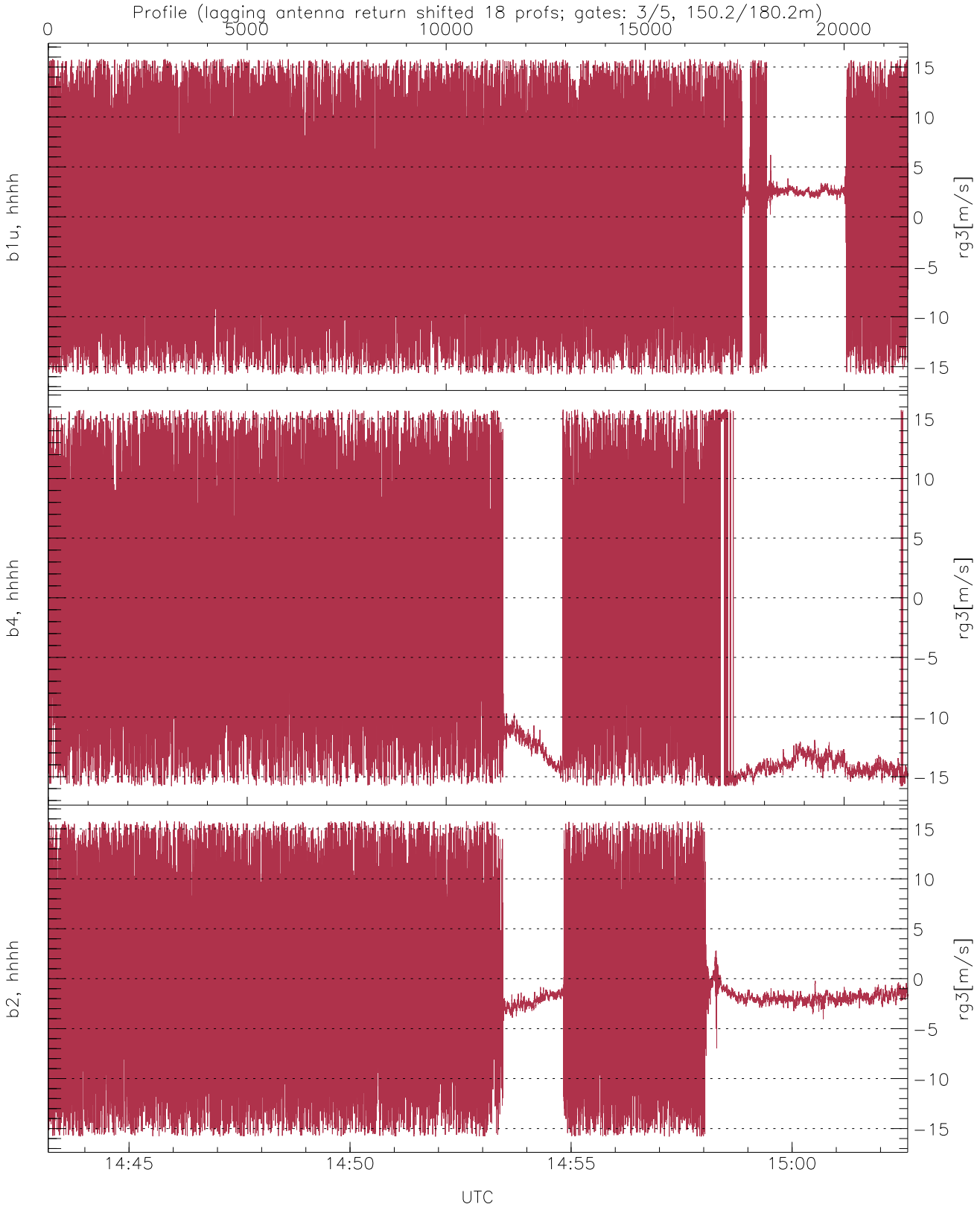
	Min	Max	Mean
up(hh[dBm])	-64.57	-36.53	-54.12
down-fore(hh[dBm])	-63.93	-31.86	-46.09
down(hh[dBm])	-64.34	-26.51	-42.32





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

	Min	Max	Mean
up/down(dB)	-34.26	1.39	-5.30
down/down-fore(dB)	-14.92	17.37	1.01



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.80	15.80	0.10	8.56
b4, hhhh(rg3[m/s])	-15.80	15.79	-3.93	9.95
b2, hhhh(rg3[m/s])	-15.80	15.80	-0.91	7.55