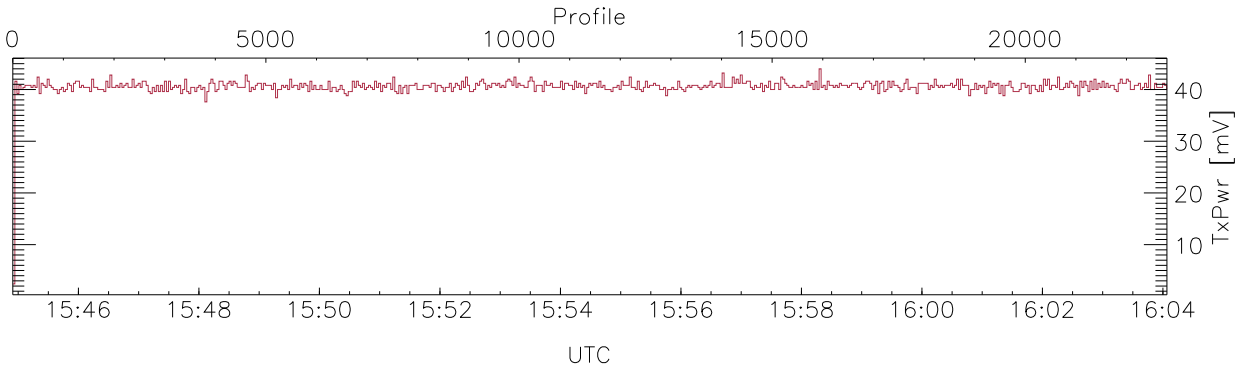
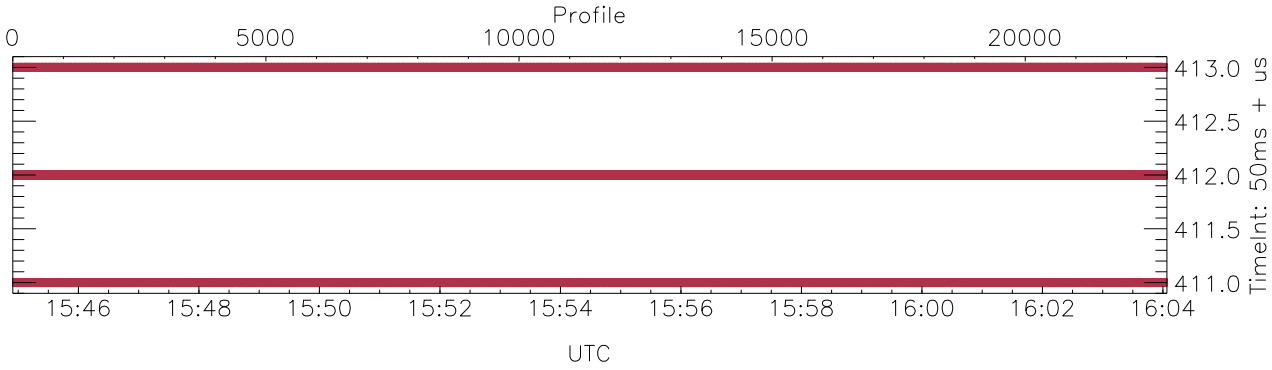
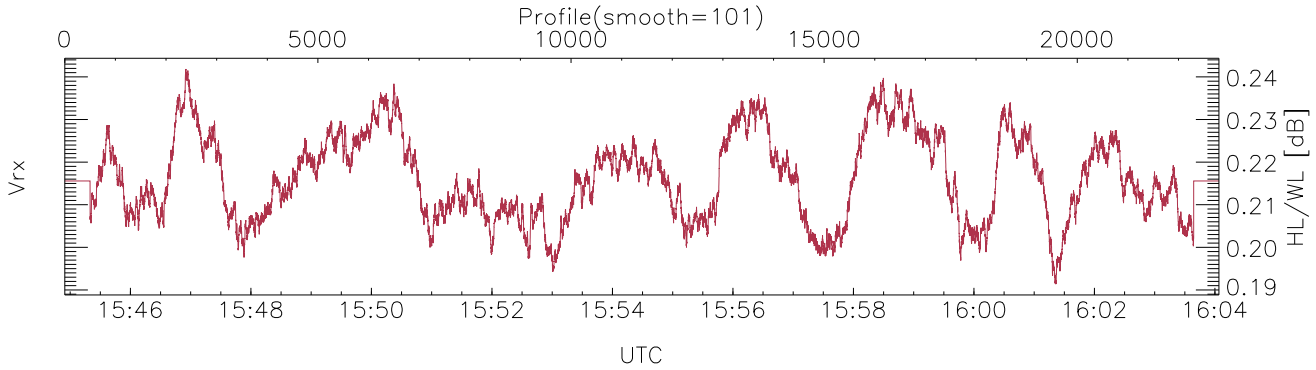
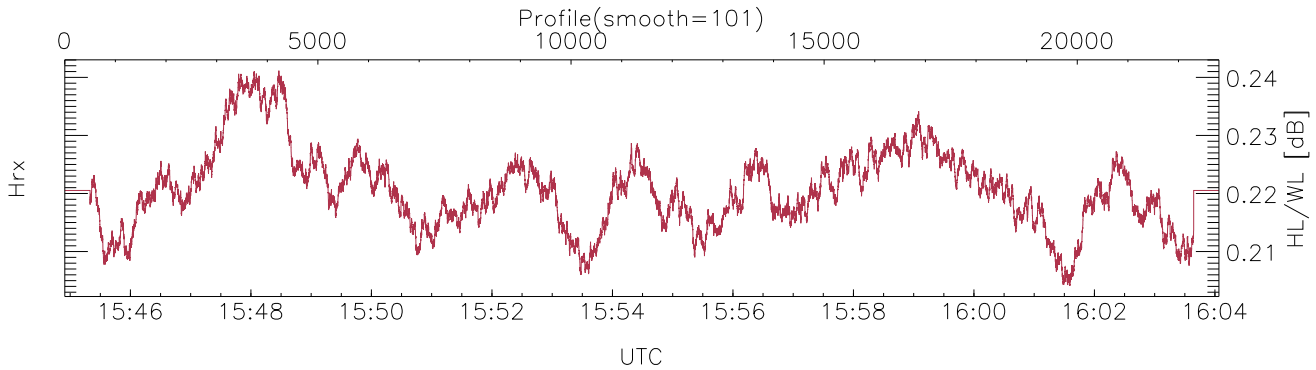


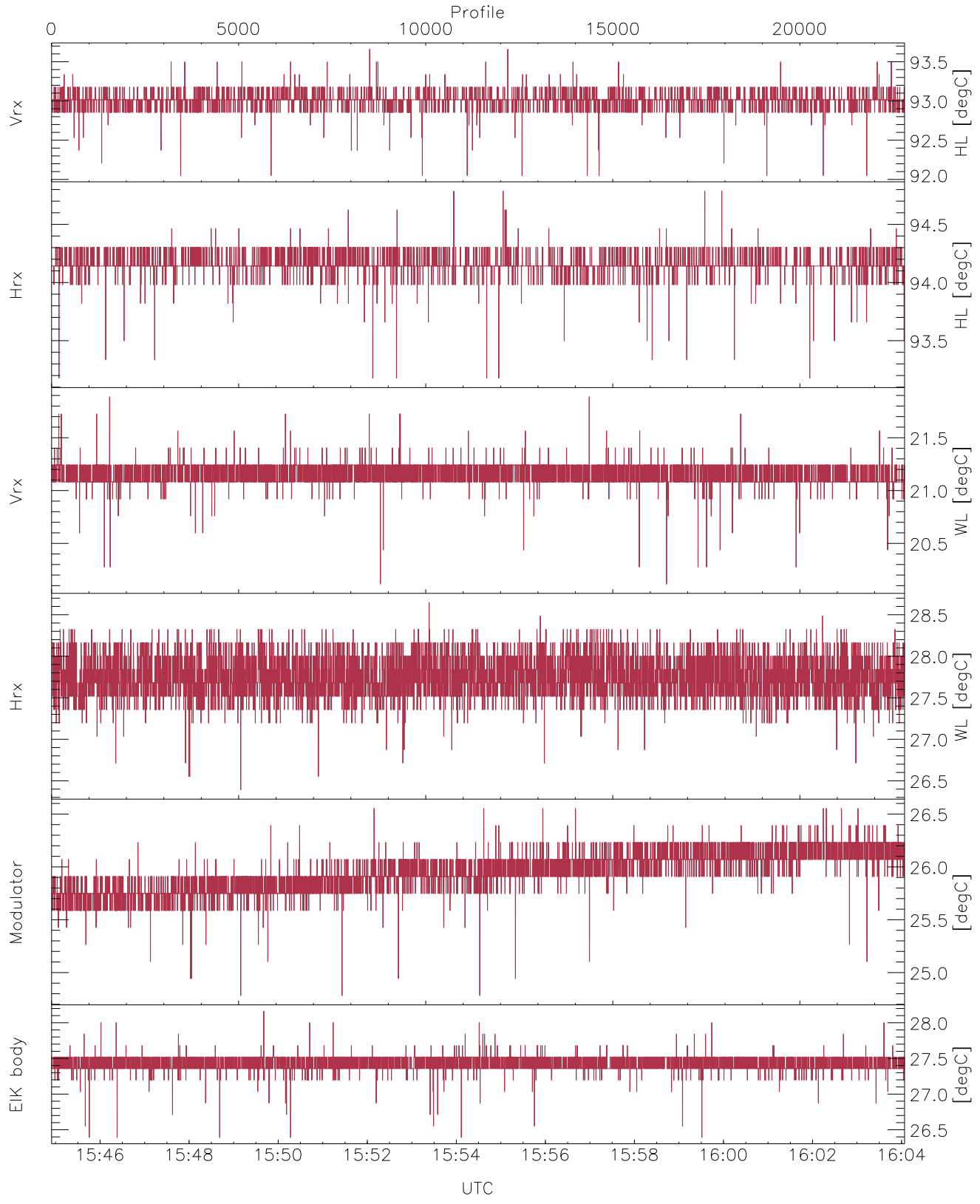






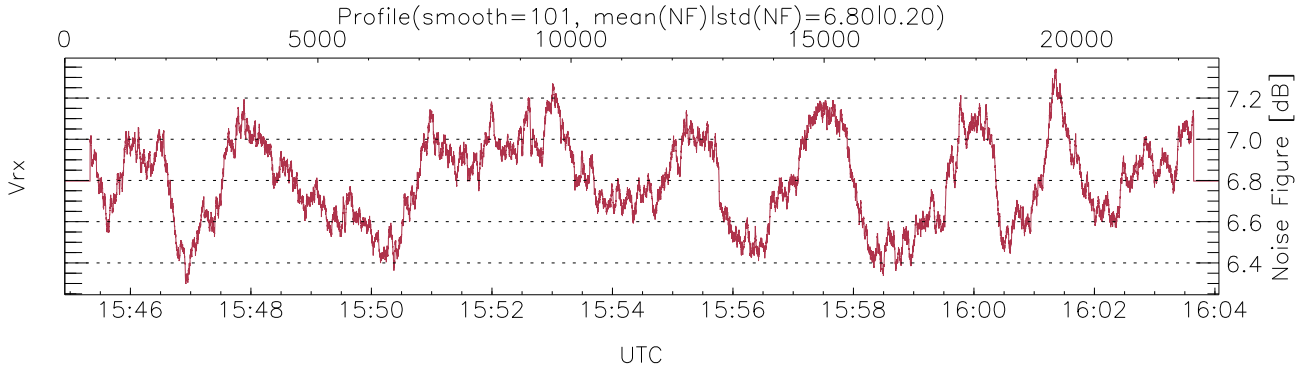
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

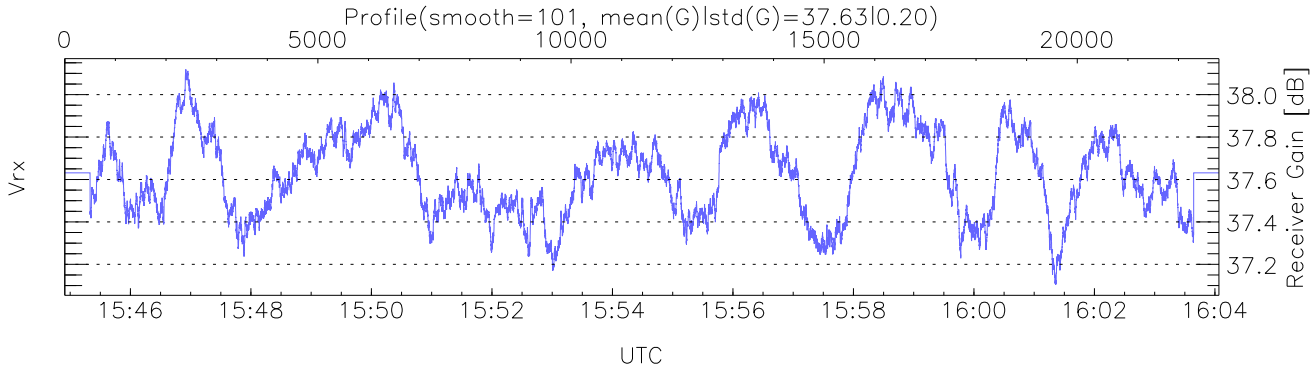
UTC: 15:44:55-16:21:05, Dur: 2170.67s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
NumRec(r/t): 22800/43059, 0-22799/15:44:55-16:04:04
AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
PRF: 20.0 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

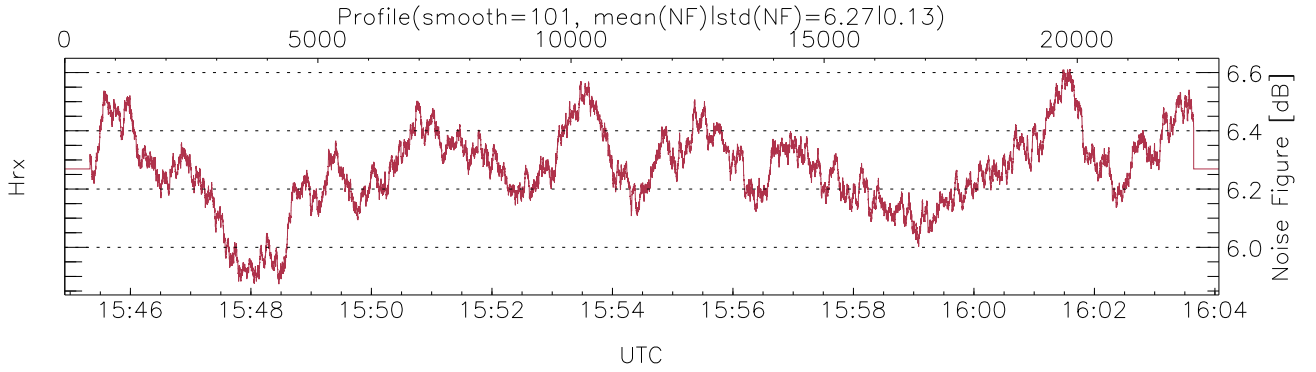


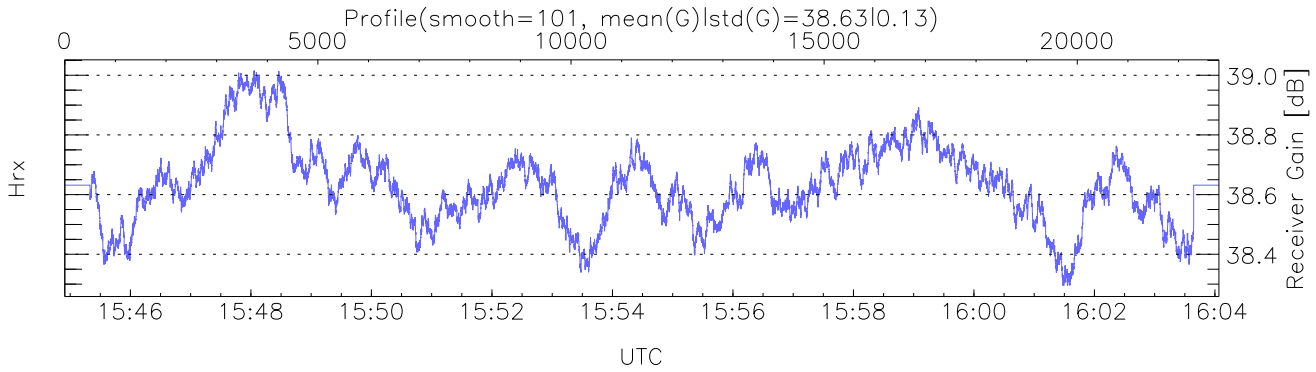
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,20,26,24,26
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,21,28,26,28
LOalarm(20,80,240,2.8,14.8 MHz): 10,0,0,0,0
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (15,15,15,15,15,15)



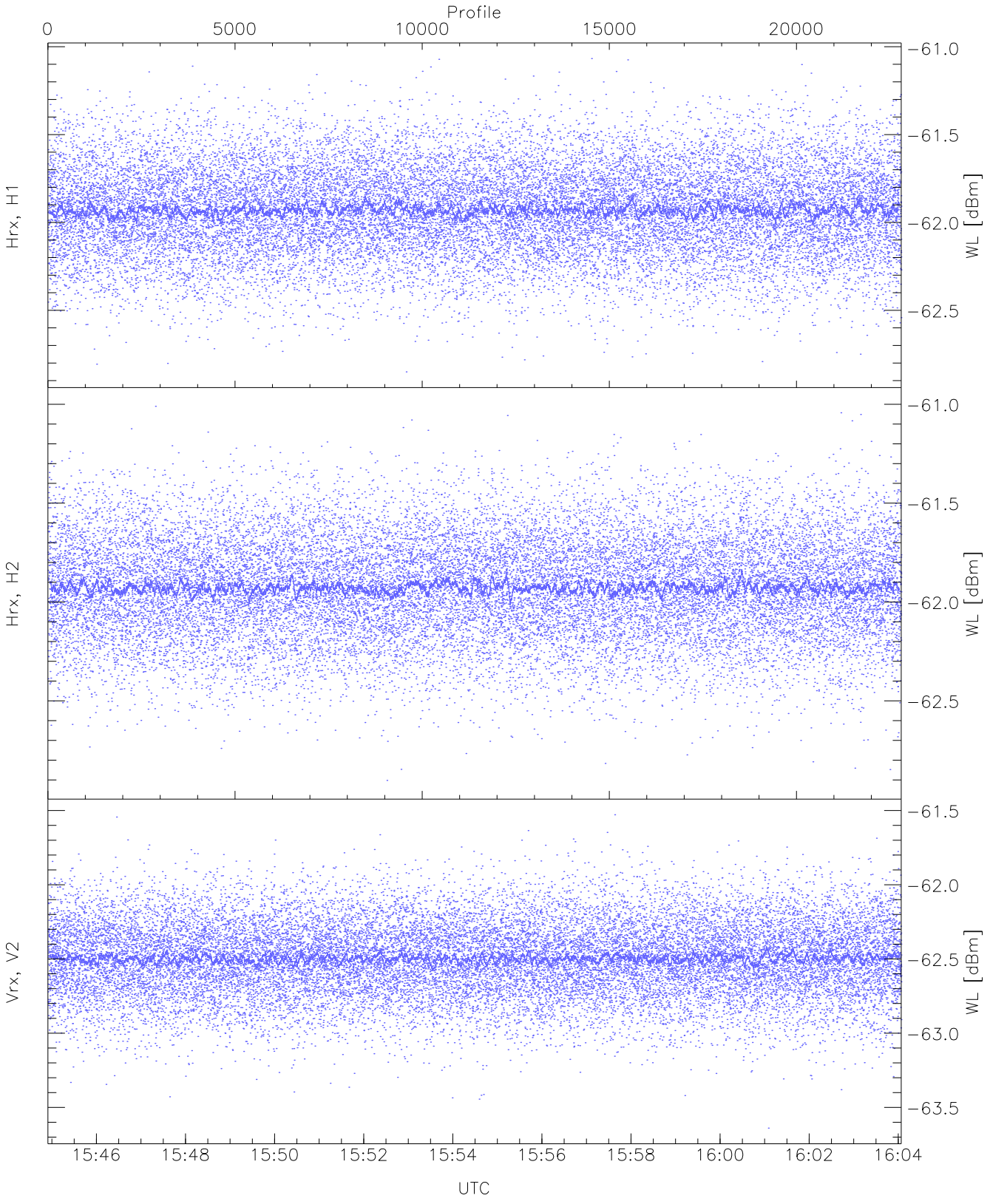






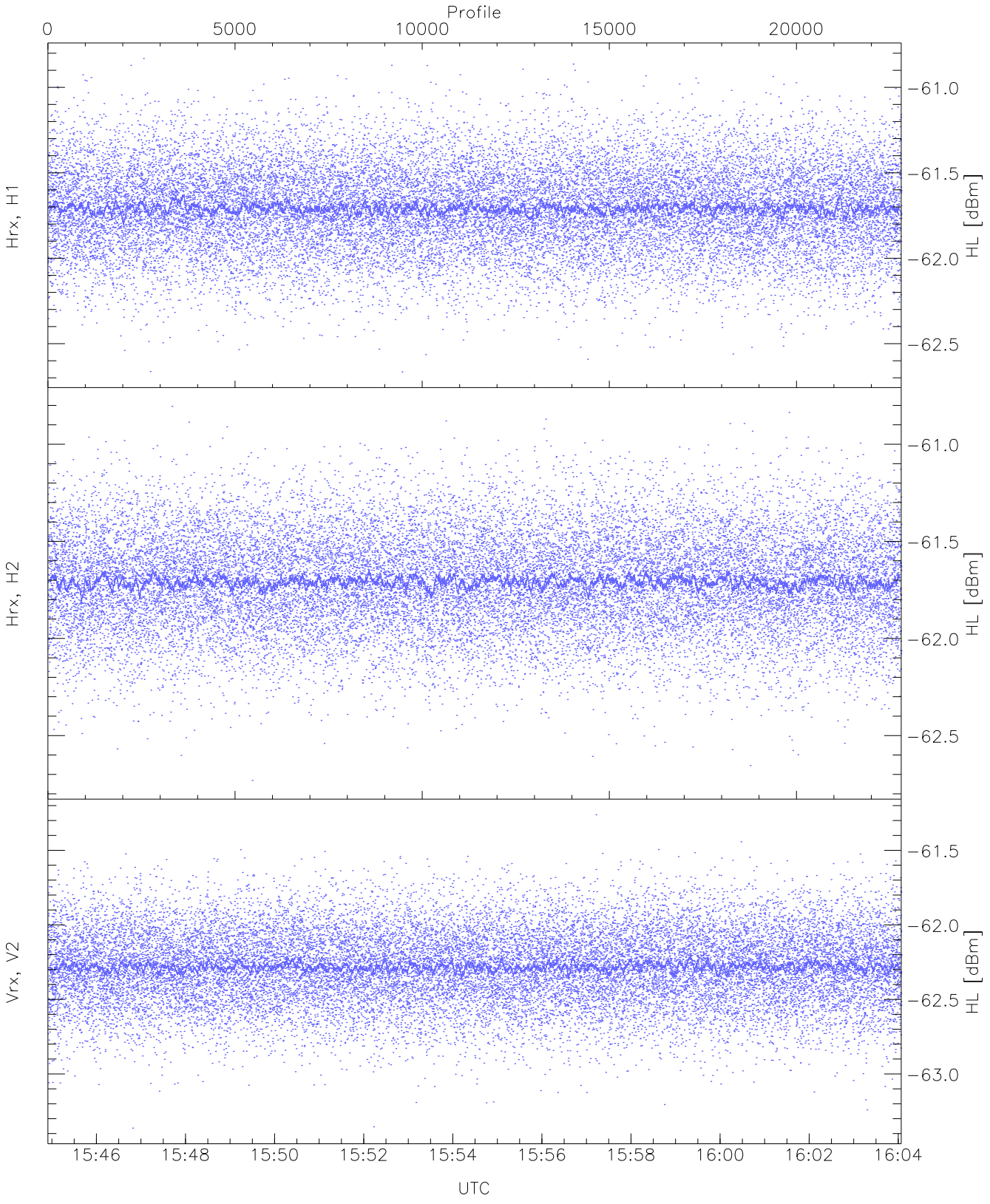
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 3548 pixs, 32 gates, 3500 profs, 1 prods



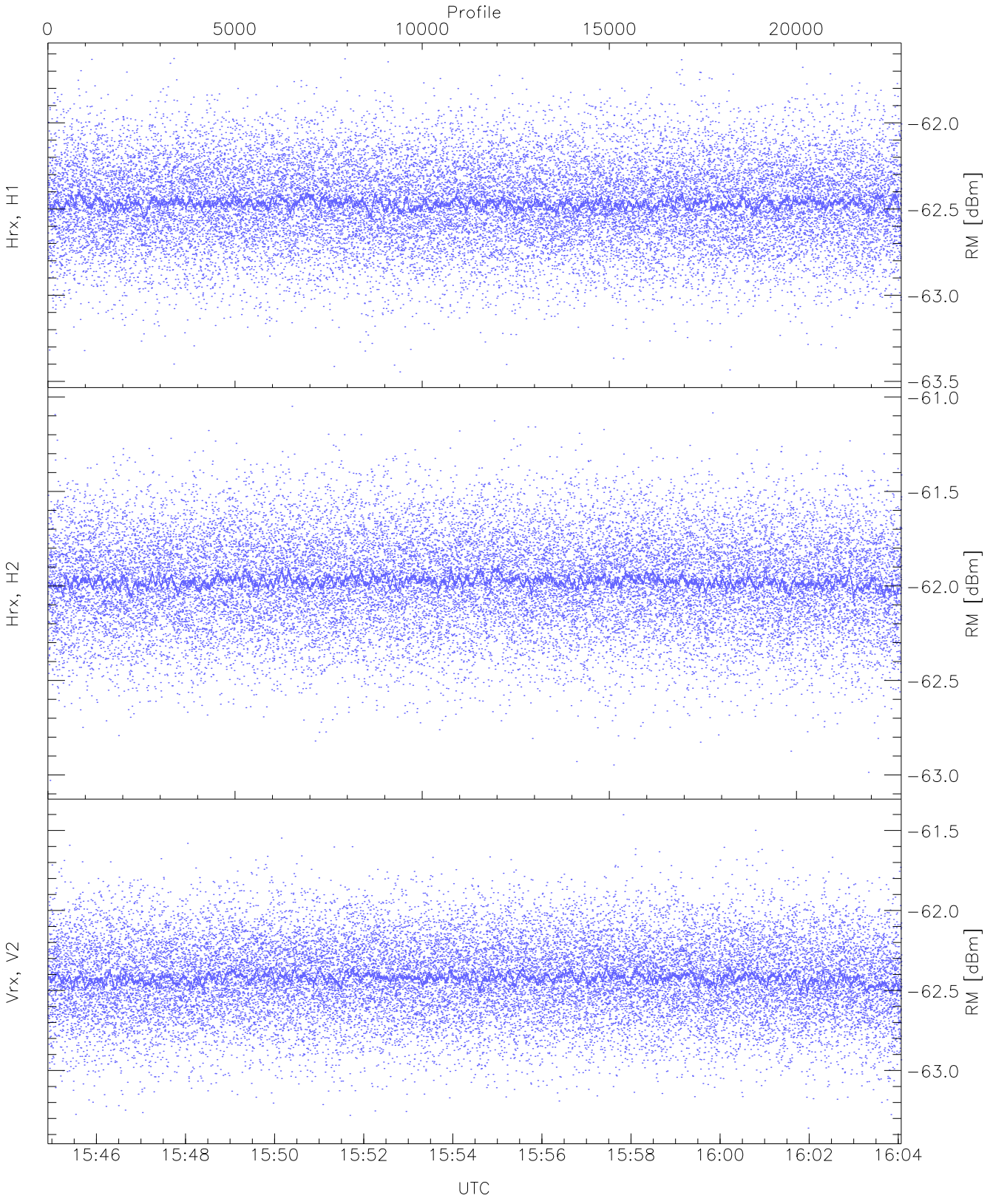
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.85	-61.07	-61.93	-61.93	-74.51
Hrx, H2(WL [dBm])	-62.90	-61.01	-61.92	-61.93	-74.48
Vrx, V2(WL [dBm])	-63.64	-61.53	-62.49	-62.50	-75.05



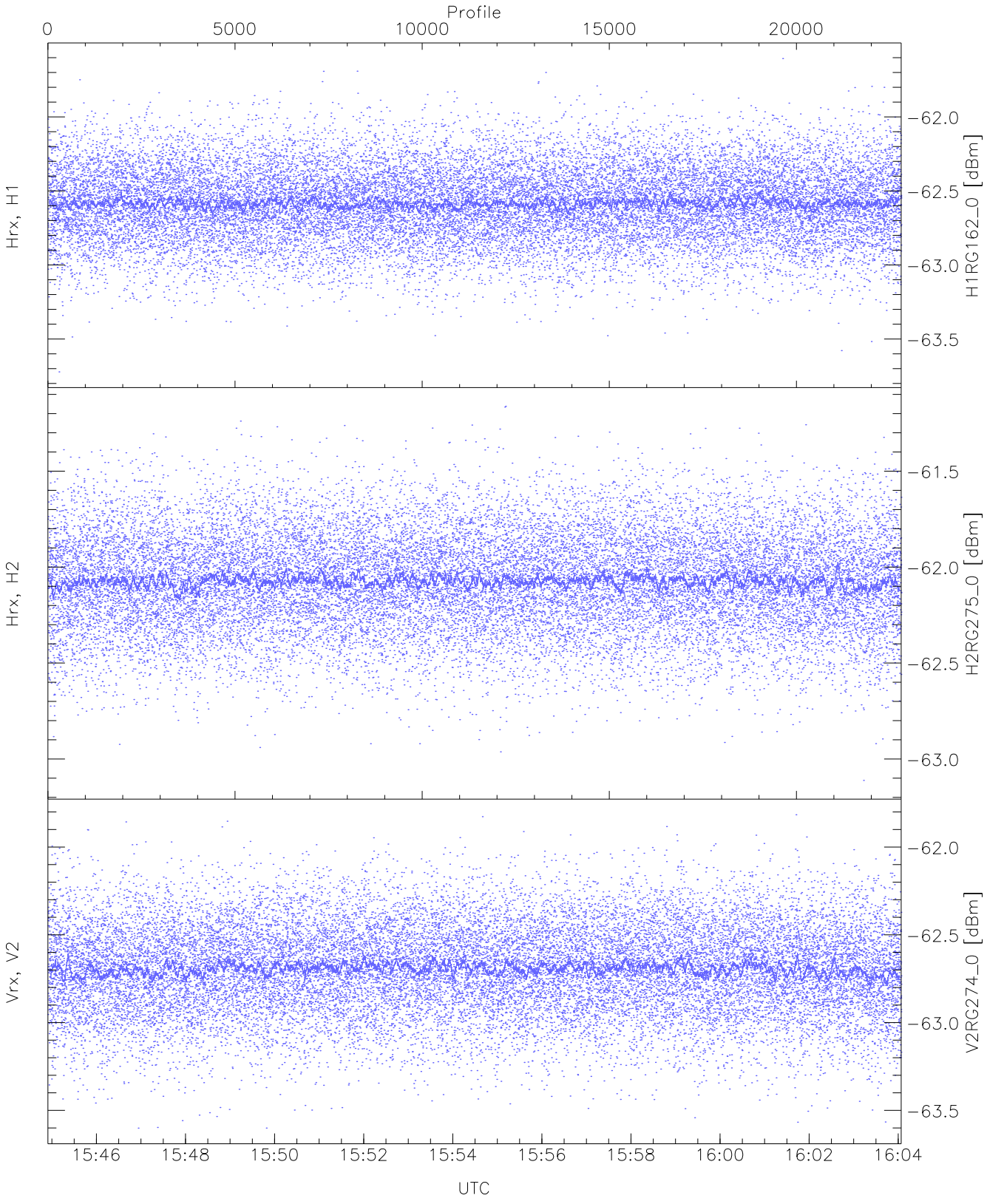
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.67	-60.83	-61.70	-61.71	-74.32
Hrx, H2(HL [dBm])	-62.73	-60.80	-61.70	-61.71	-74.29
Vrx, V2(HL [dBm])	-63.36	-61.26	-62.28	-62.28	-74.83



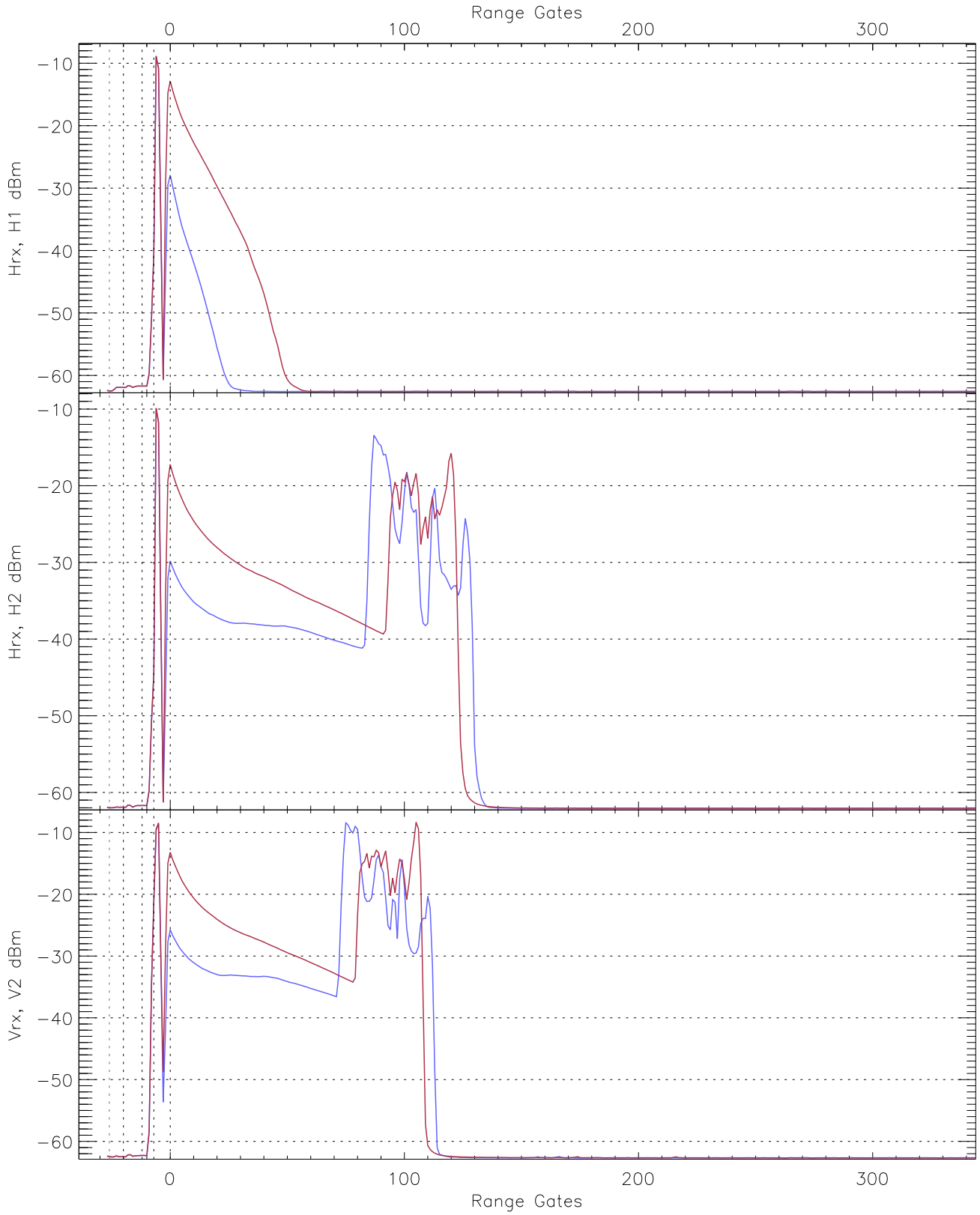
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.44	-61.63	-62.46	-62.47	-75.06
Hrx, H2(RM [dBm])	-63.03	-61.05	-61.97	-61.98	-74.53
Vrx, V2(RM [dBm])	-63.36	-61.40	-62.42	-62.43	-74.95

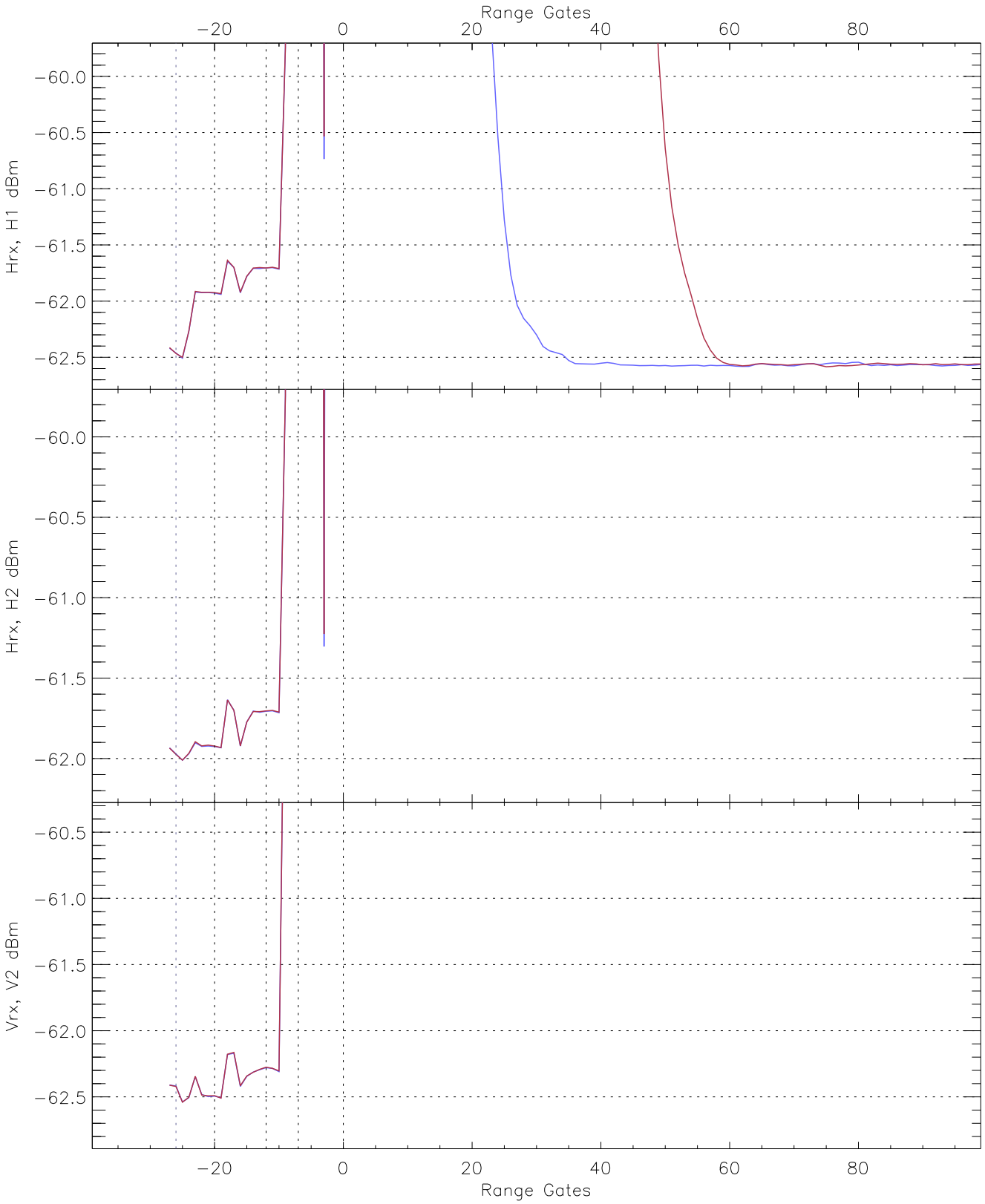


WCR2 CPP "Best" estimate Receivers Noise Power

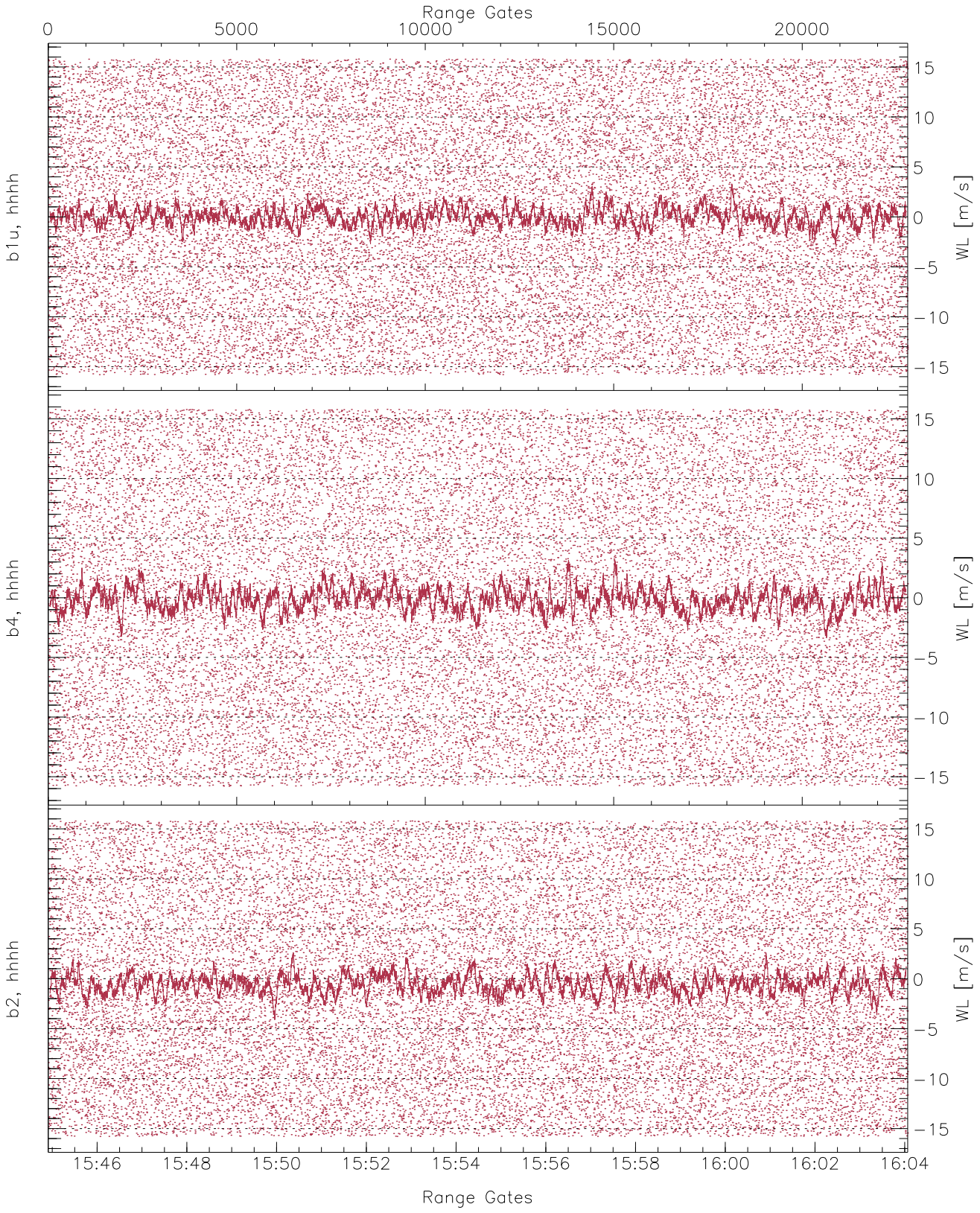
	Min	Max	Mean	Median	StDev
H1RG162_0 [dBm]	-63.72	-61.61	-62.58	-62.59	-75.16
H2RG275_0 [dBm]	-63.11	-61.16	-62.07	-62.08	-74.63
V2RG274_0 [dBm]	-63.60	-61.82	-62.69	-62.69	-75.23



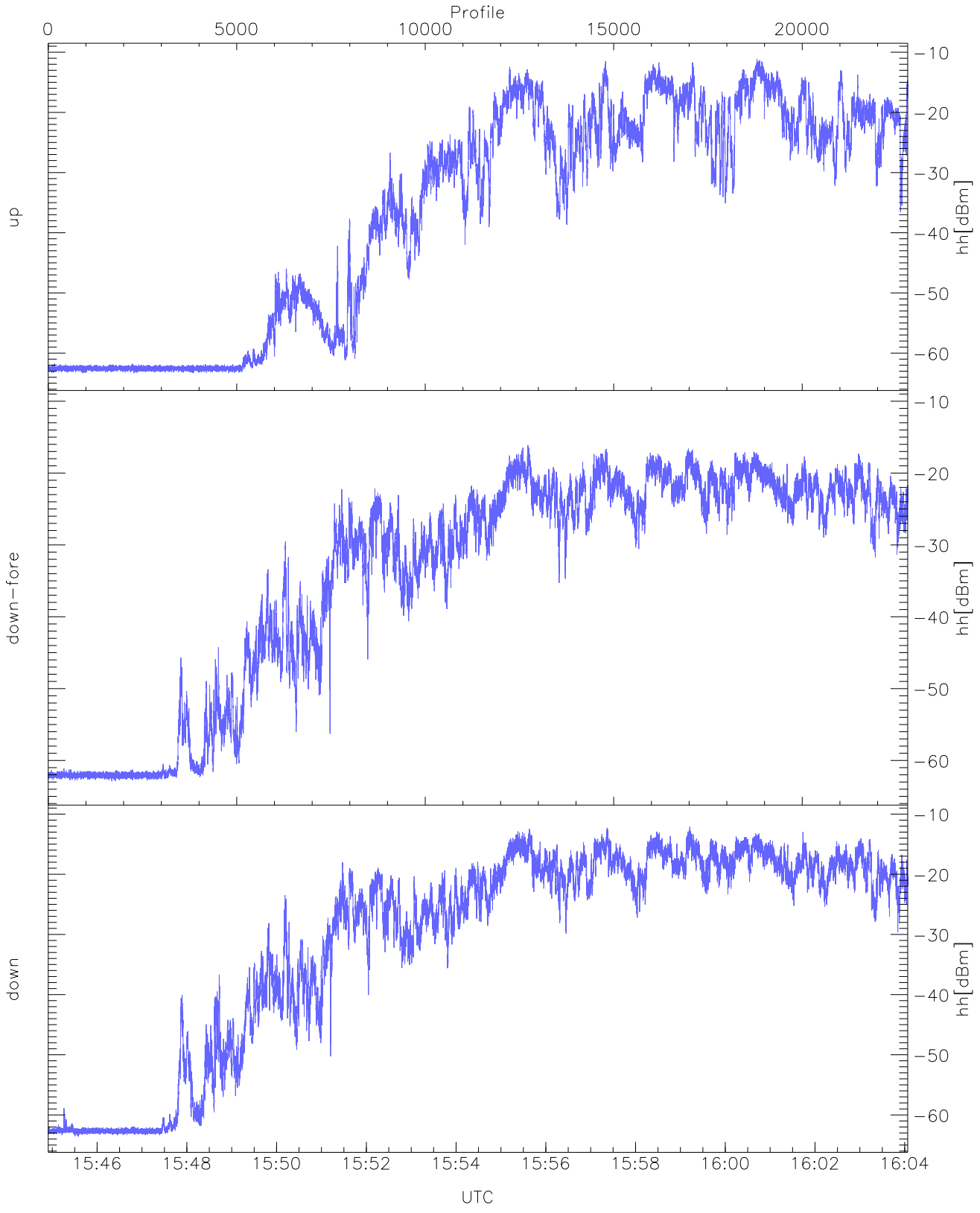
WCR2 CPP Averaged Received power for all recorded gates
blue: 154455-155429, 11401 profiles averaged
red: 155429-160404, 11400 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 154455-155429, 11401 profiles averaged
red: 155429-160404, 11400 profiles averaged

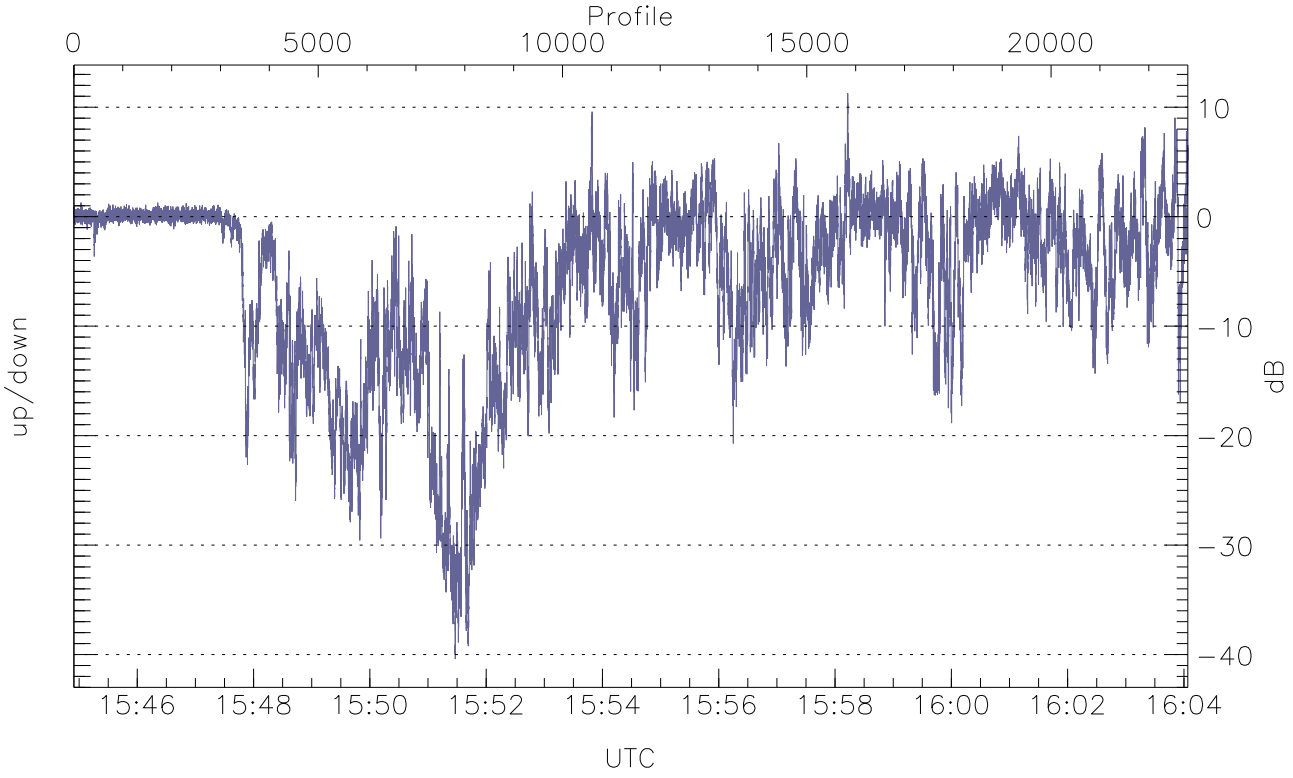


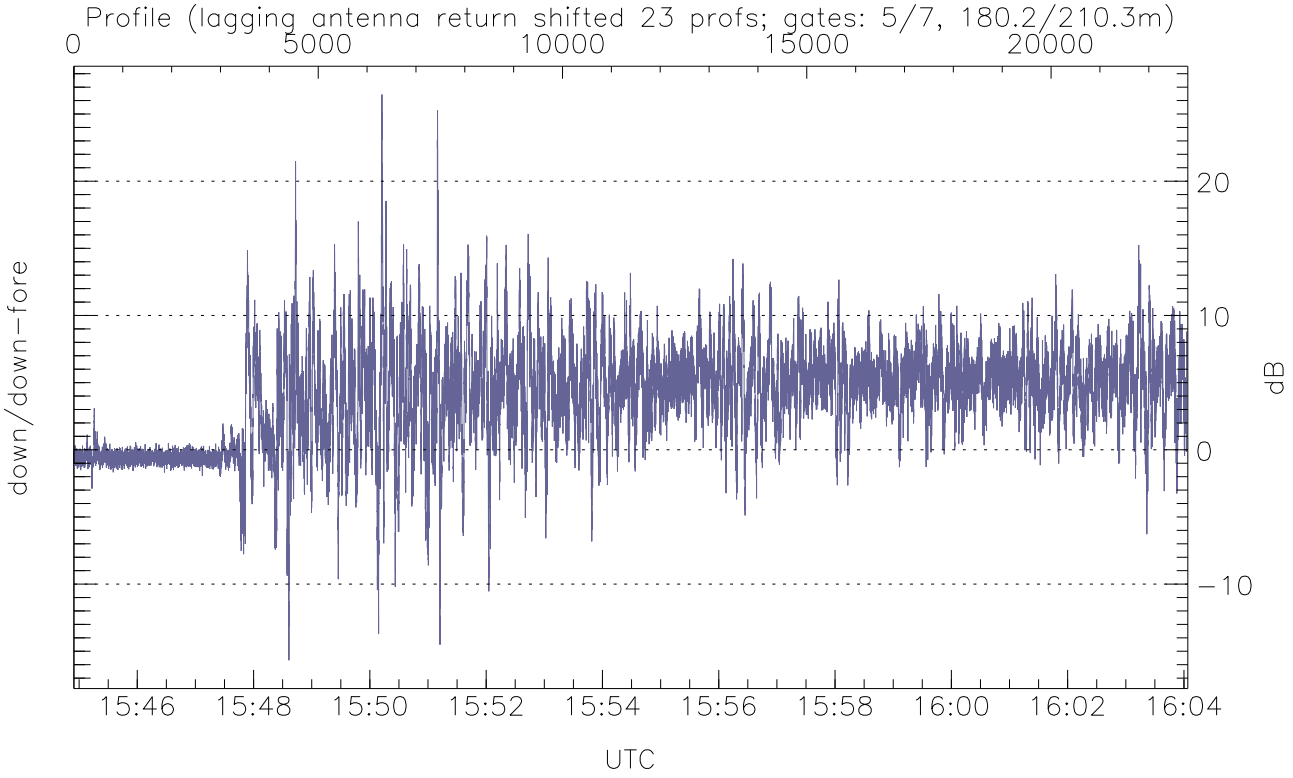
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

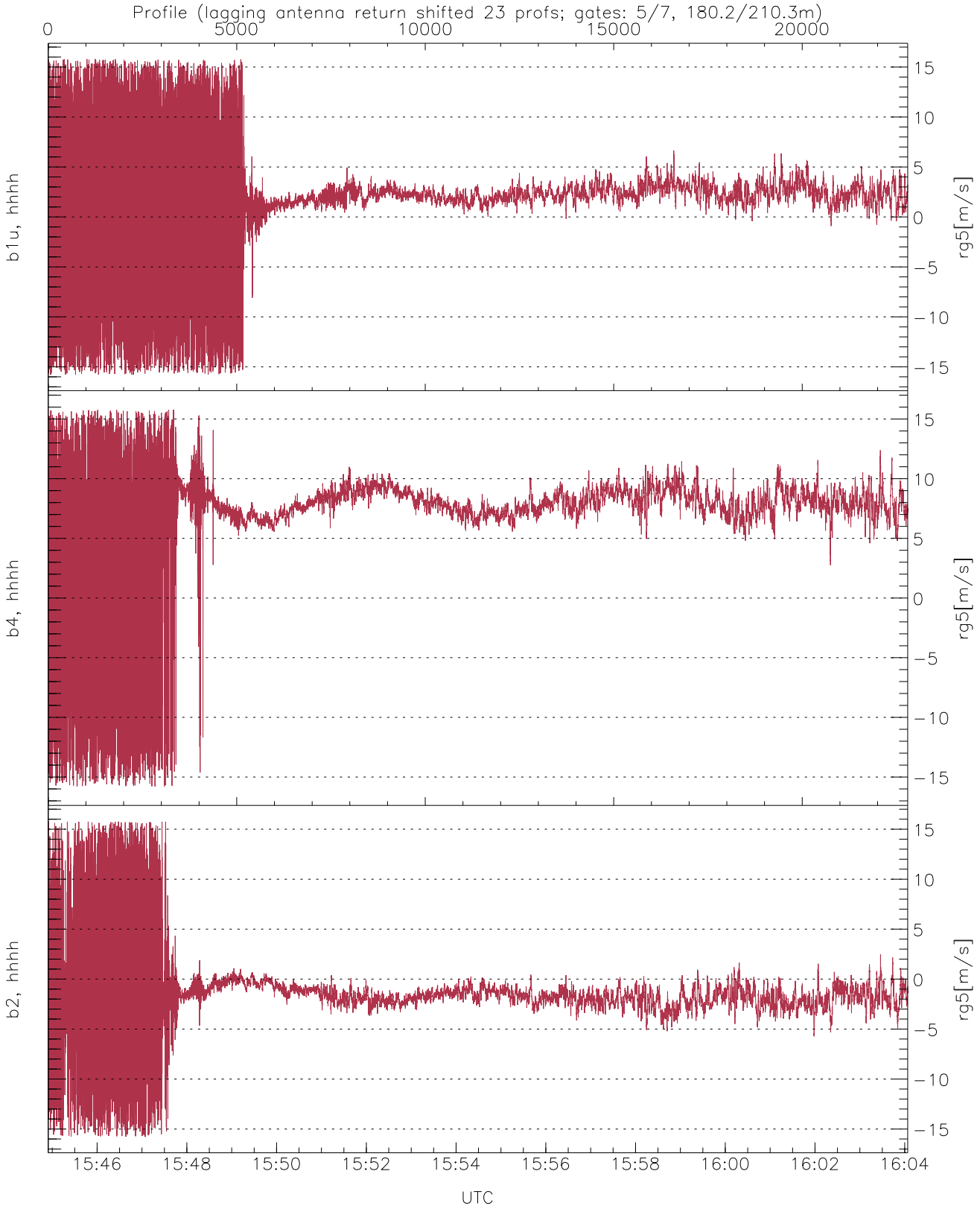
	Min	Max	Mean
up(hh[dBm])	-63.35	-11.13	-21.70
down-fore(hh[dBm])	-62.86	-16.12	-24.42
down(hh[dBm])	-63.59	-12.12	-20.49





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

	Min	Max	Mean
up/down(dB)	-40.41	11.27	-5.87
down/down-fore(dB)	-15.67	26.45	3.95



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.79	15.80	1.71	4.51
b4, hhhh(rg5[m/s])	-15.79	15.78	6.92	4.43
b2, hhhh(rg5[m/s])	-15.78	15.77	-1.53	3.26