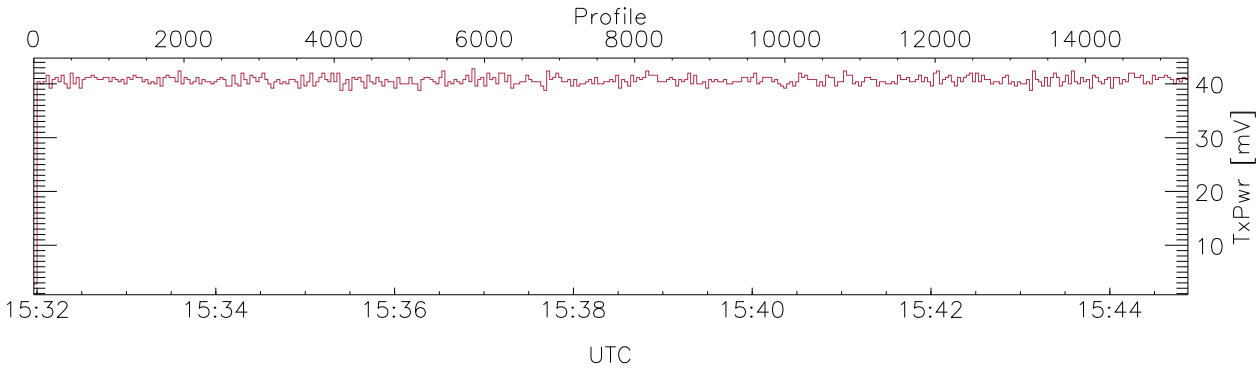
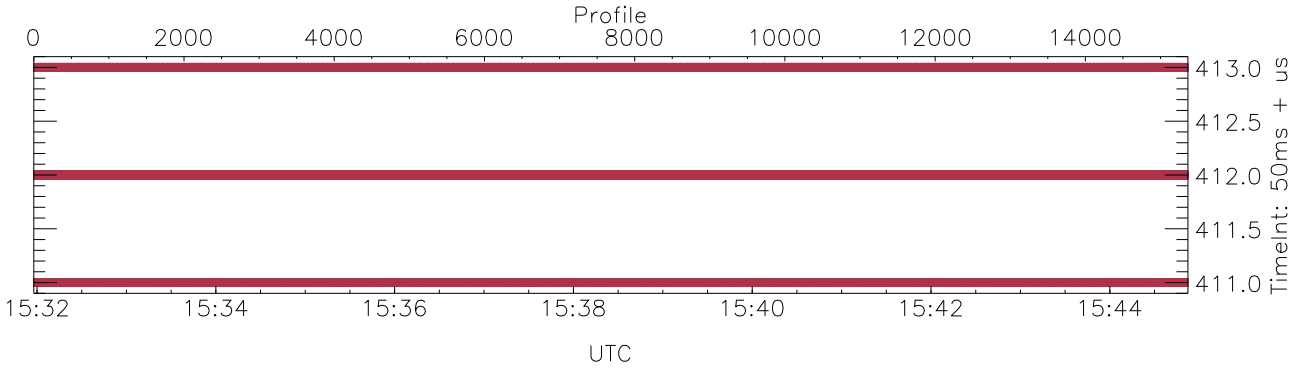
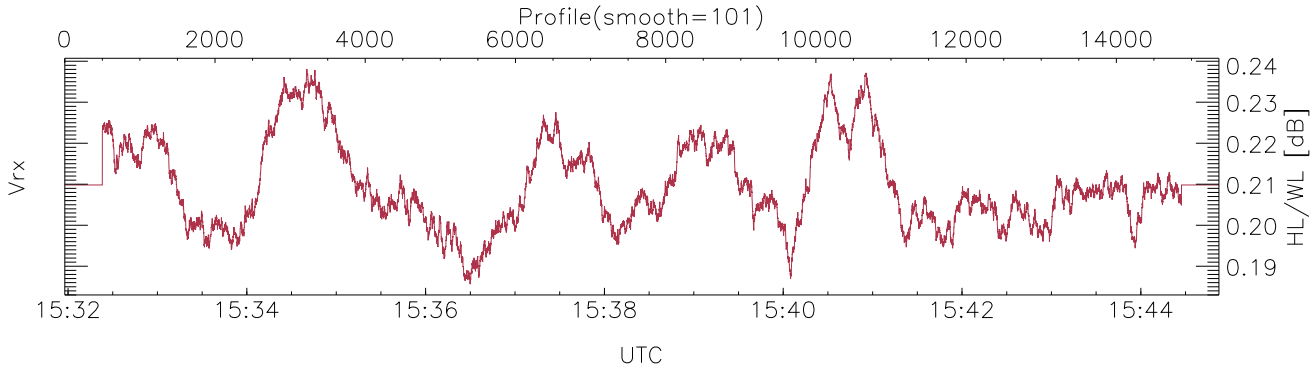
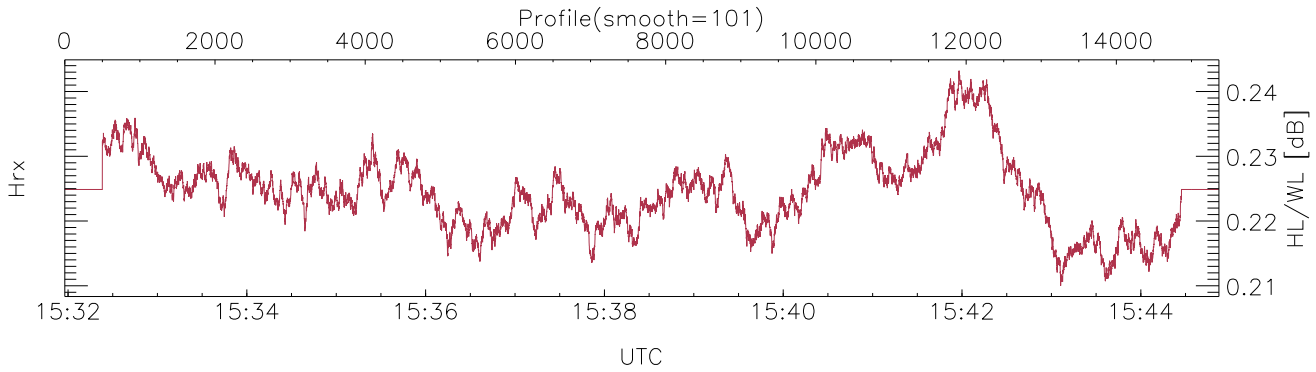


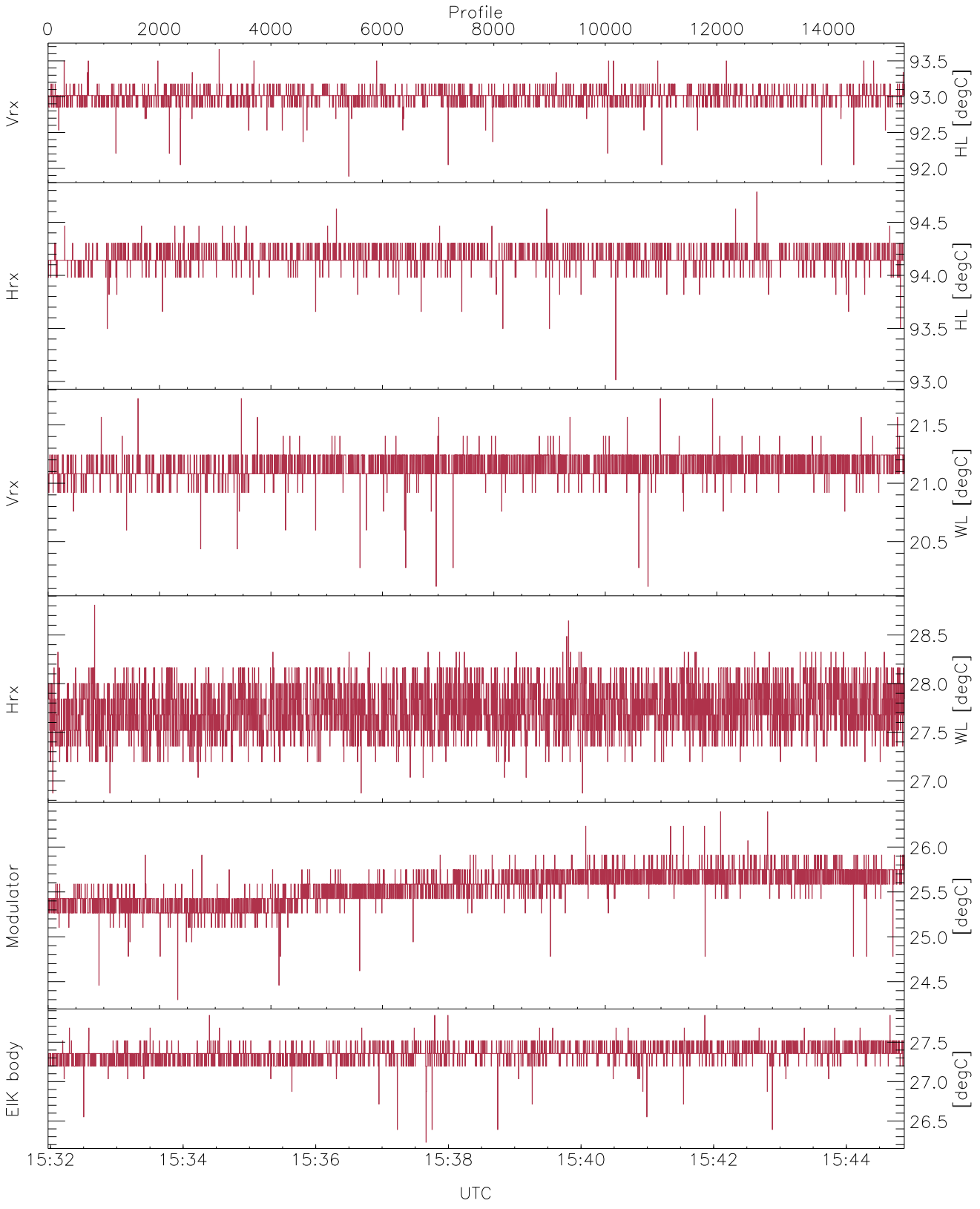






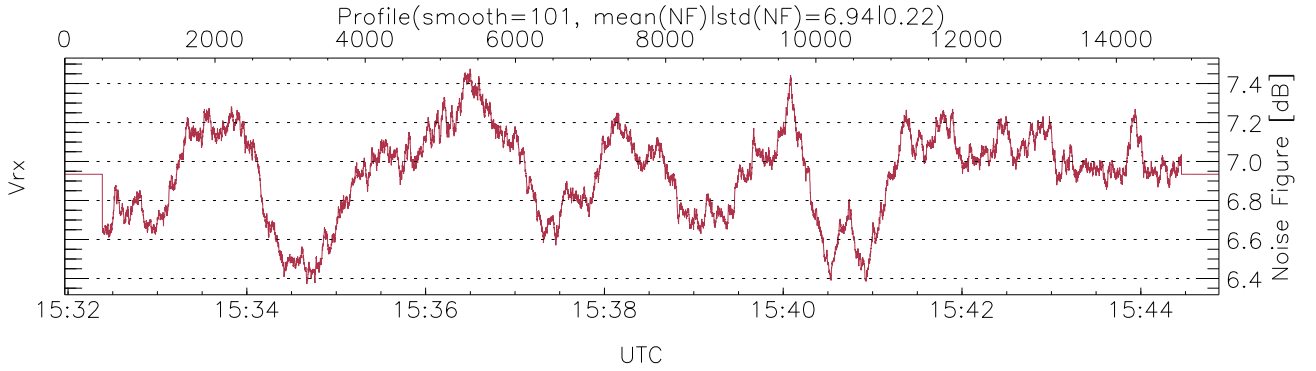
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

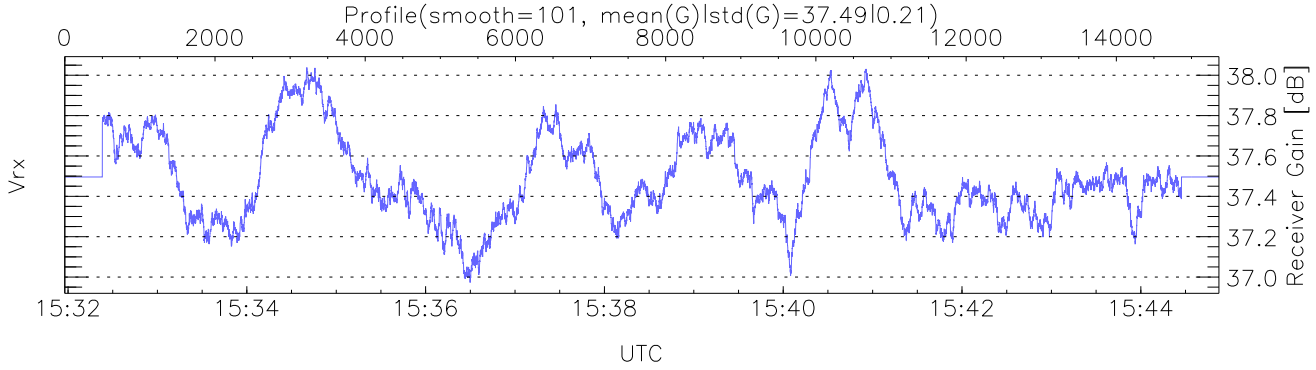
UTC: 15:31:58-15:44:52, Dur: 774.64s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
NumRec(r/t): 15367/15367, 0-15366/15:31:58-15:44:52
AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
PRF: 20.0 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

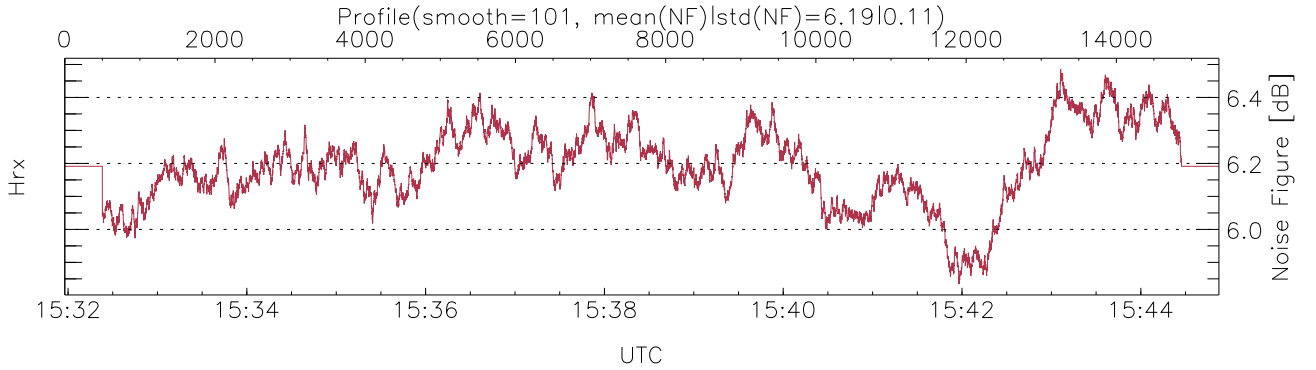


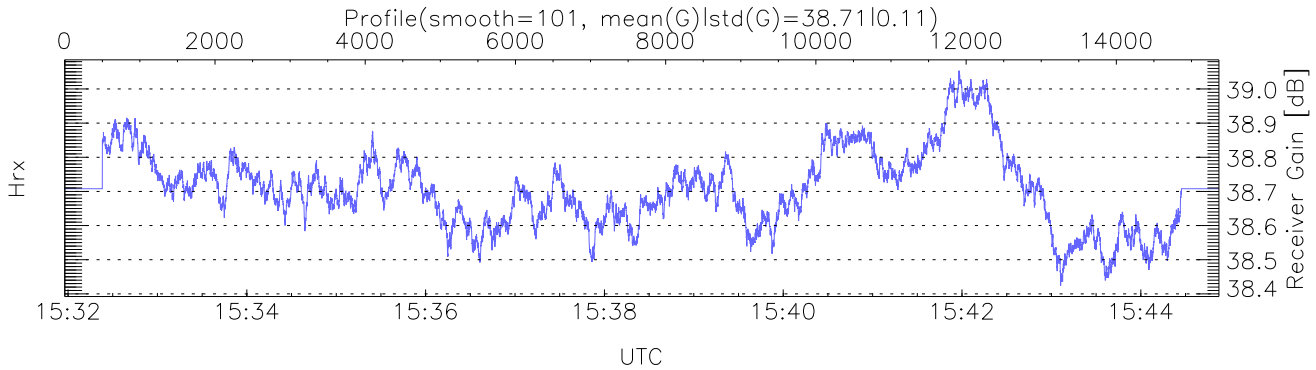
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,20,26,24,26
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,21,28,26,27
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (5,5,5,5,5,11)



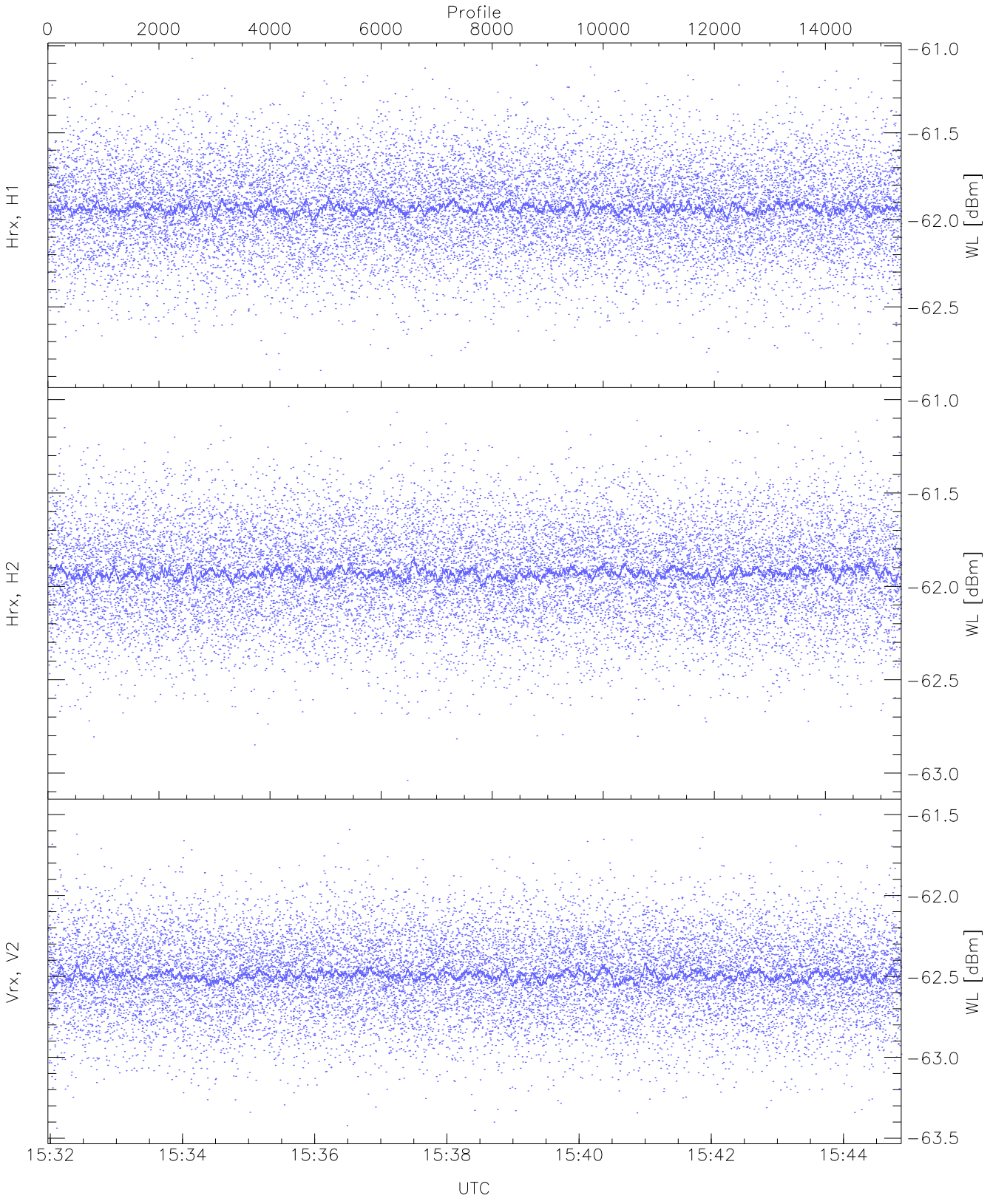






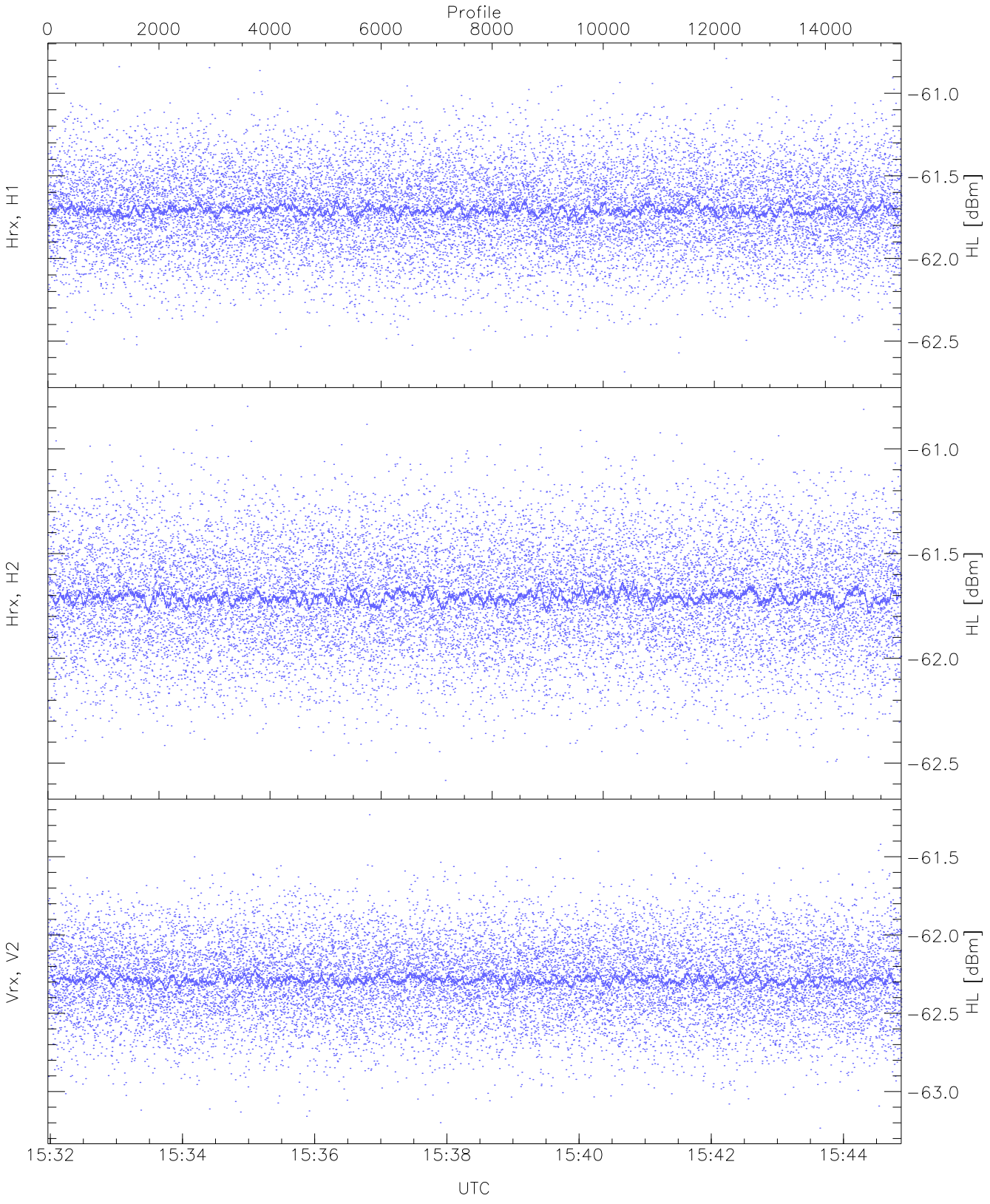
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 2128 pixs, 30 gates, 2103 profs, 1 prods



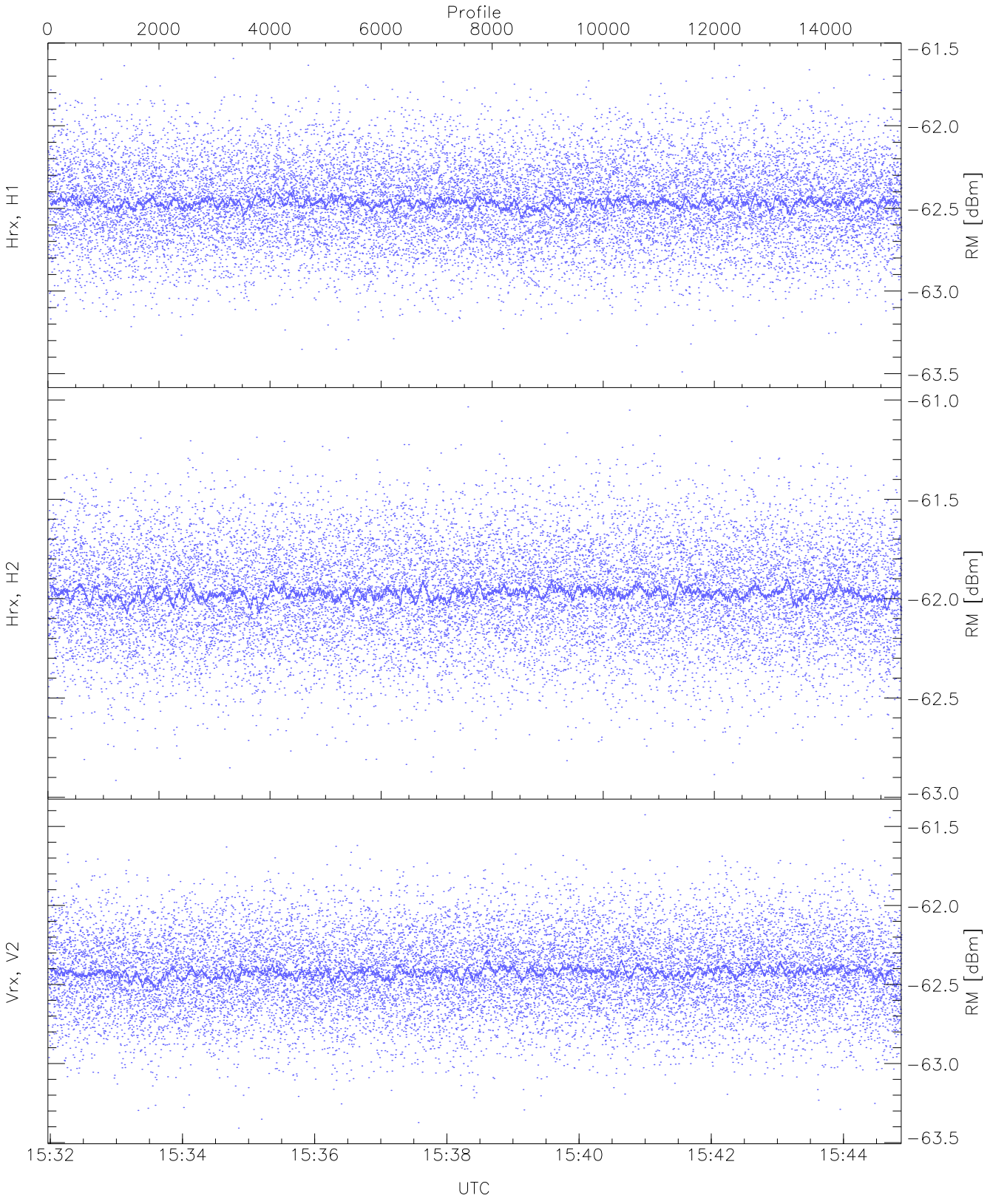
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.87	-61.07	-61.93	-61.93	-74.49
Hrx, H2(WL [dBm])	-63.04	-61.04	-61.92	-61.93	-74.46
Vrx, V2(WL [dBm])	-63.44	-61.50	-62.49	-62.49	-75.05



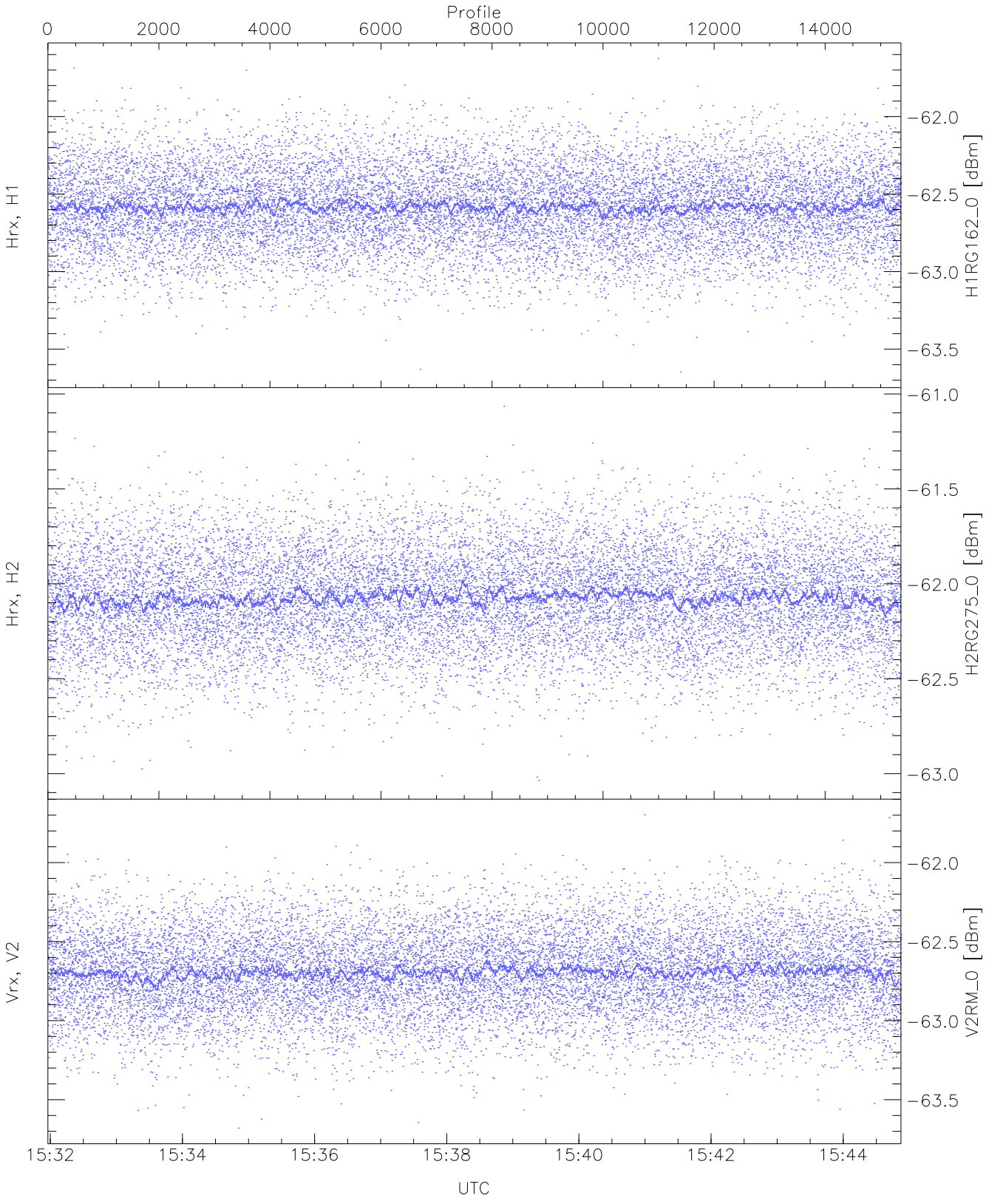
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.69	-60.79	-61.70	-61.71	-74.30
Hrx, H2(HL [dBm])	-62.58	-60.80	-61.70	-61.71	-74.29
Vrx, V2(HL [dBm])	-63.23	-61.23	-62.28	-62.29	-74.87



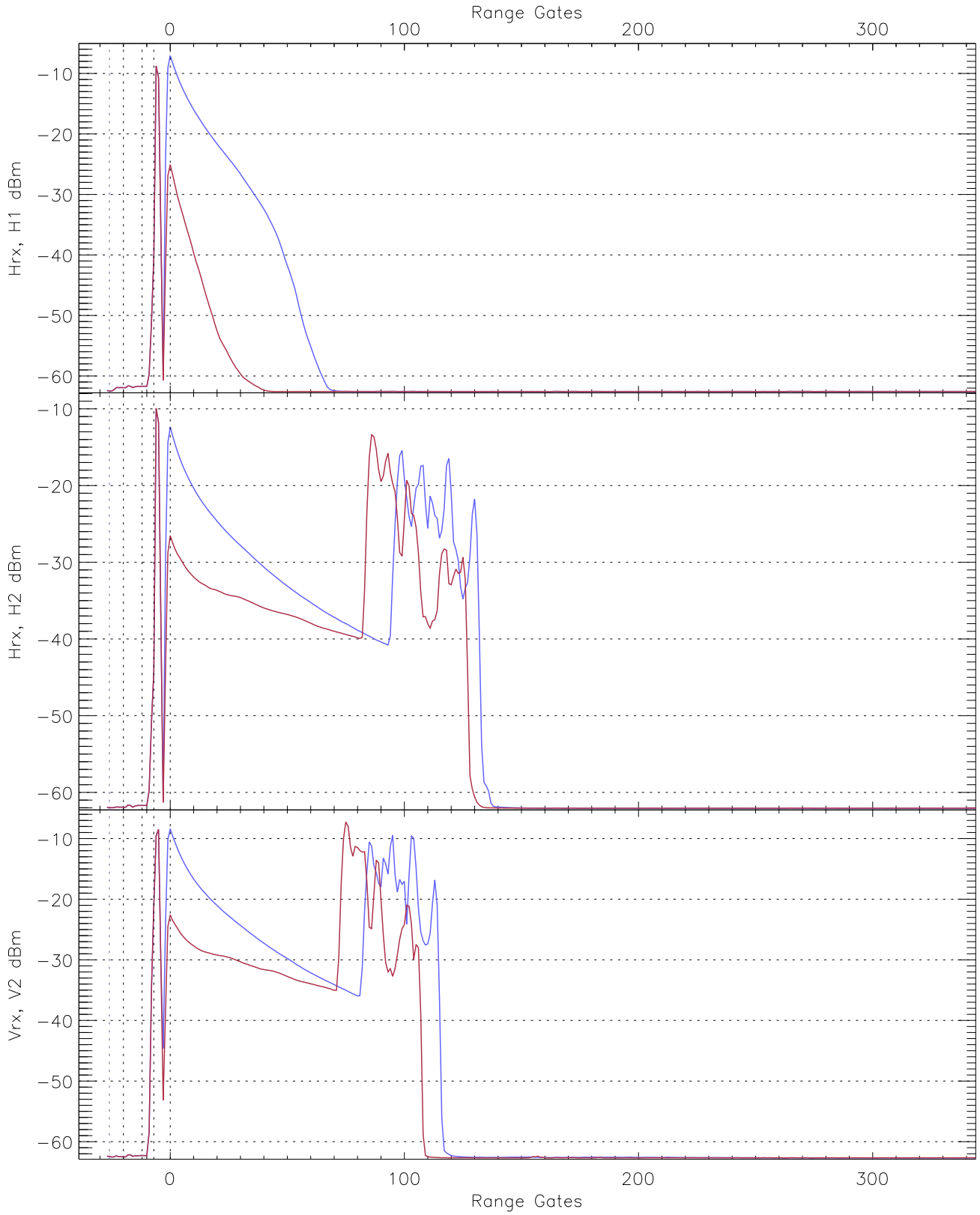
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.49	-61.59	-62.46	-62.47	-75.02
Hrx, H2(RM [dBm])	-62.91	-61.03	-61.97	-61.98	-74.52
Vrx, V2(RM [dBm])	-63.41	-61.43	-62.42	-62.43	-74.94

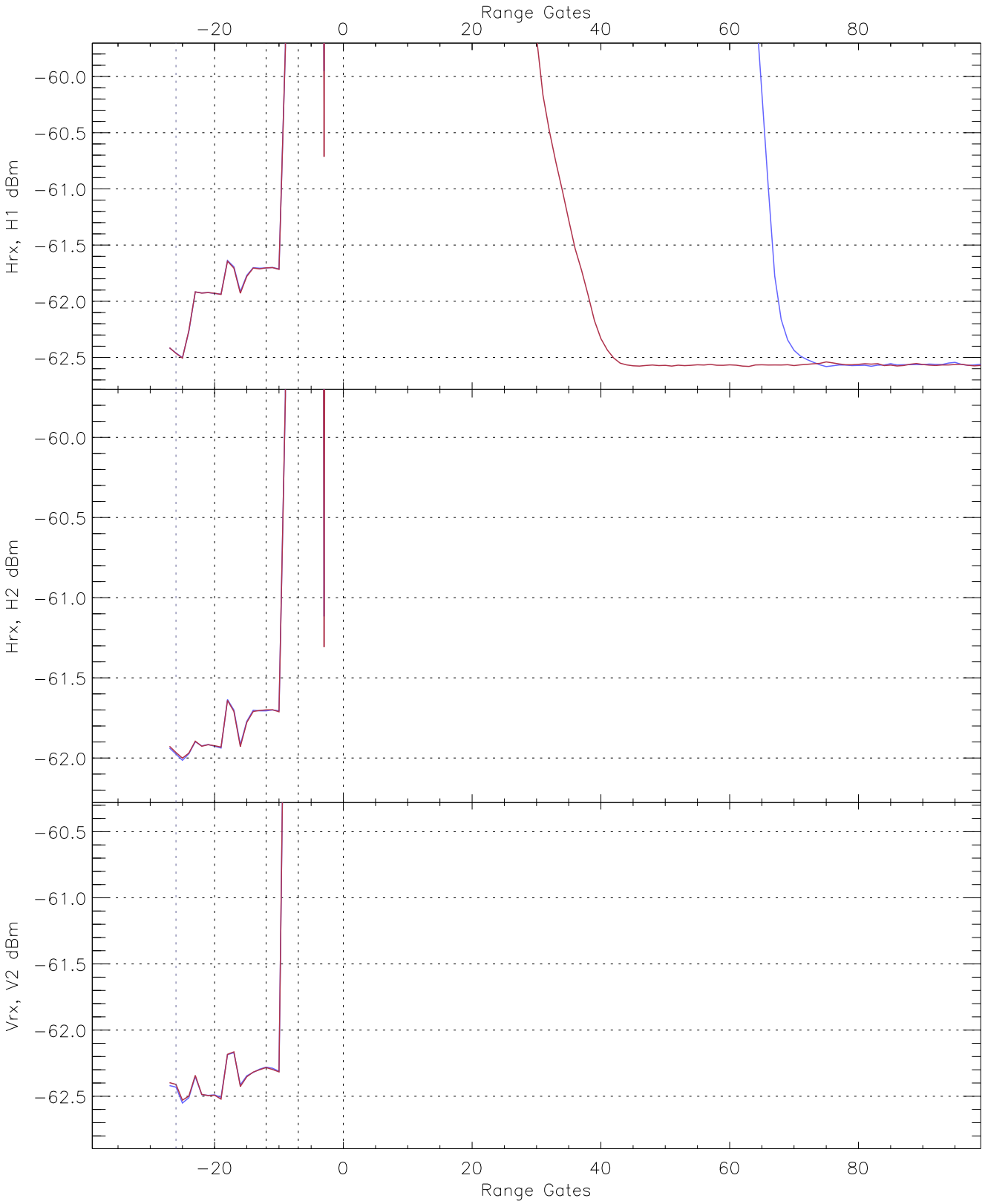


WCR2 CPP "Best" estimate Receivers Noise Power

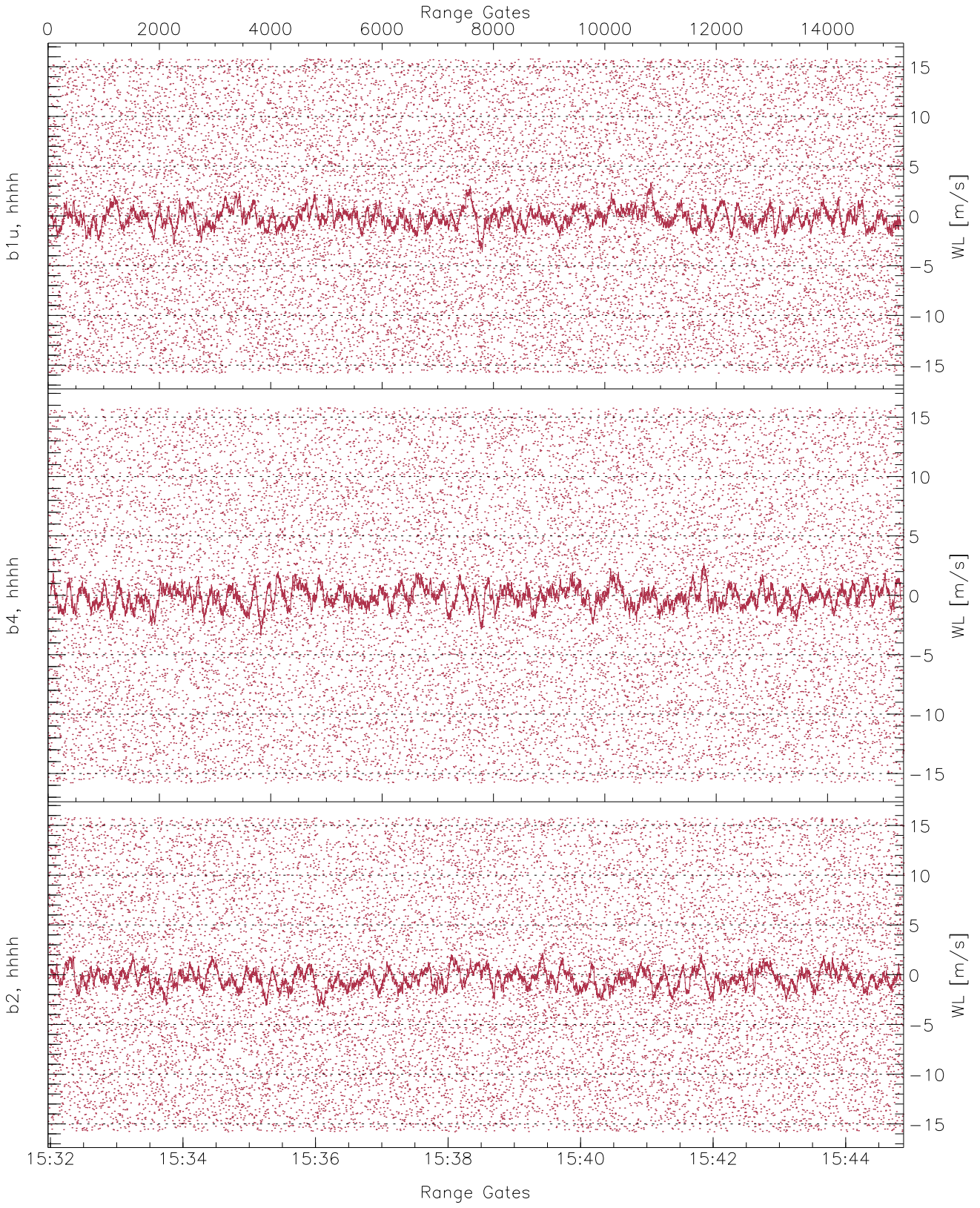
	Min	Max	Mean	Median	StDev
H1RG162_0 [dBm]	-63.65	-61.63	-62.58	-62.58	-75.12
H2RG275_0 [dBm]	-63.04	-61.07	-62.07	-62.07	-74.63
V2RM_0 [dBm]	-63.68	-61.70	-62.69	-62.70	-75.21



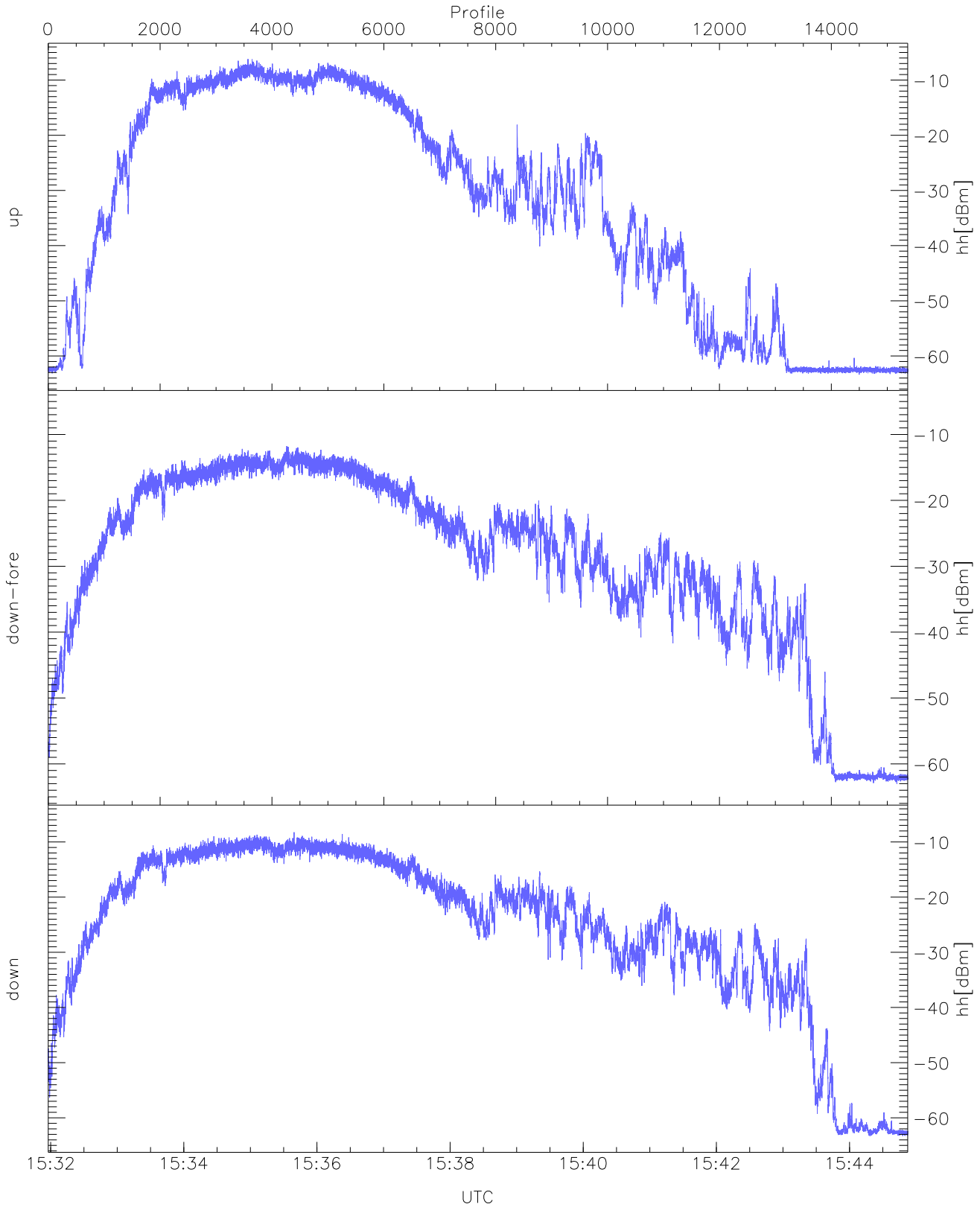
WCR2 CPP Averaged Received power for all recorded gates
blue: 153158-153825, 7684 profiles averaged
red: 153825-154452, 7684 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 153158-153825, 7684 profiles averaged
red: 153825-154452, 7684 profiles averaged

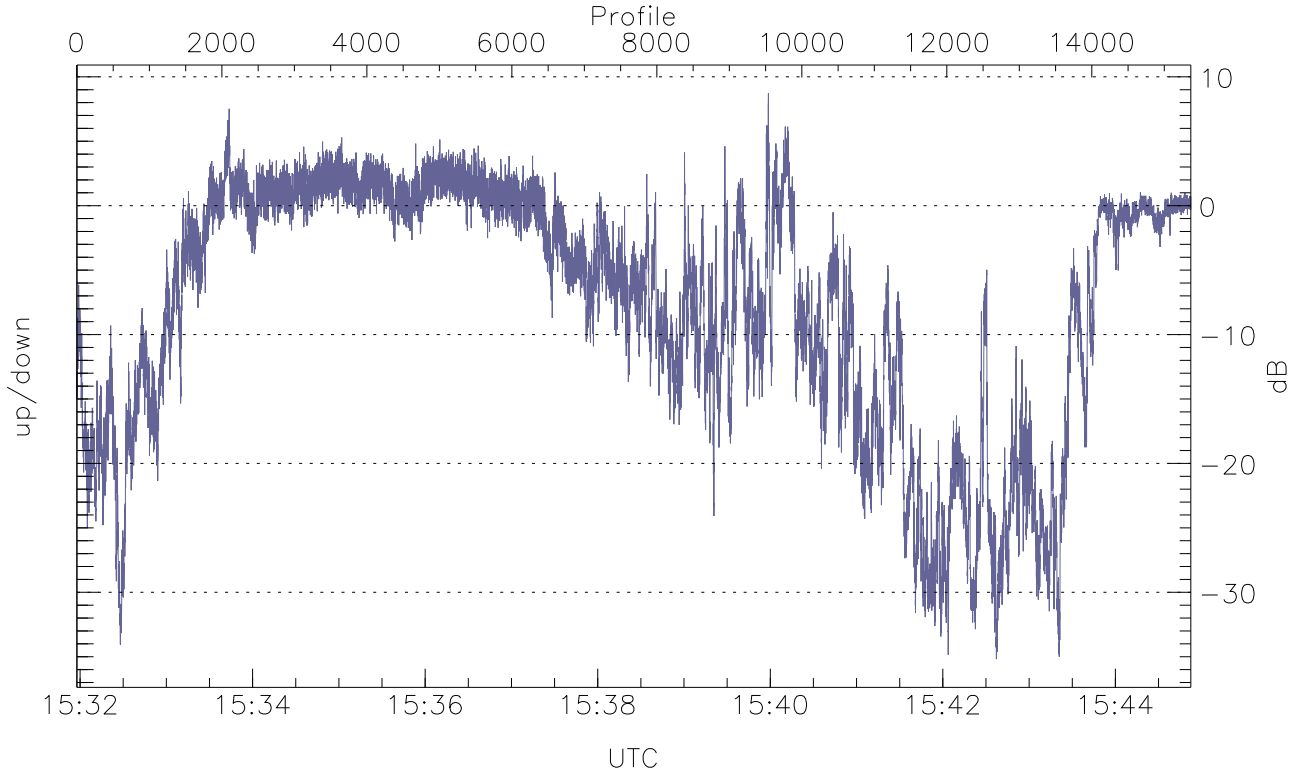


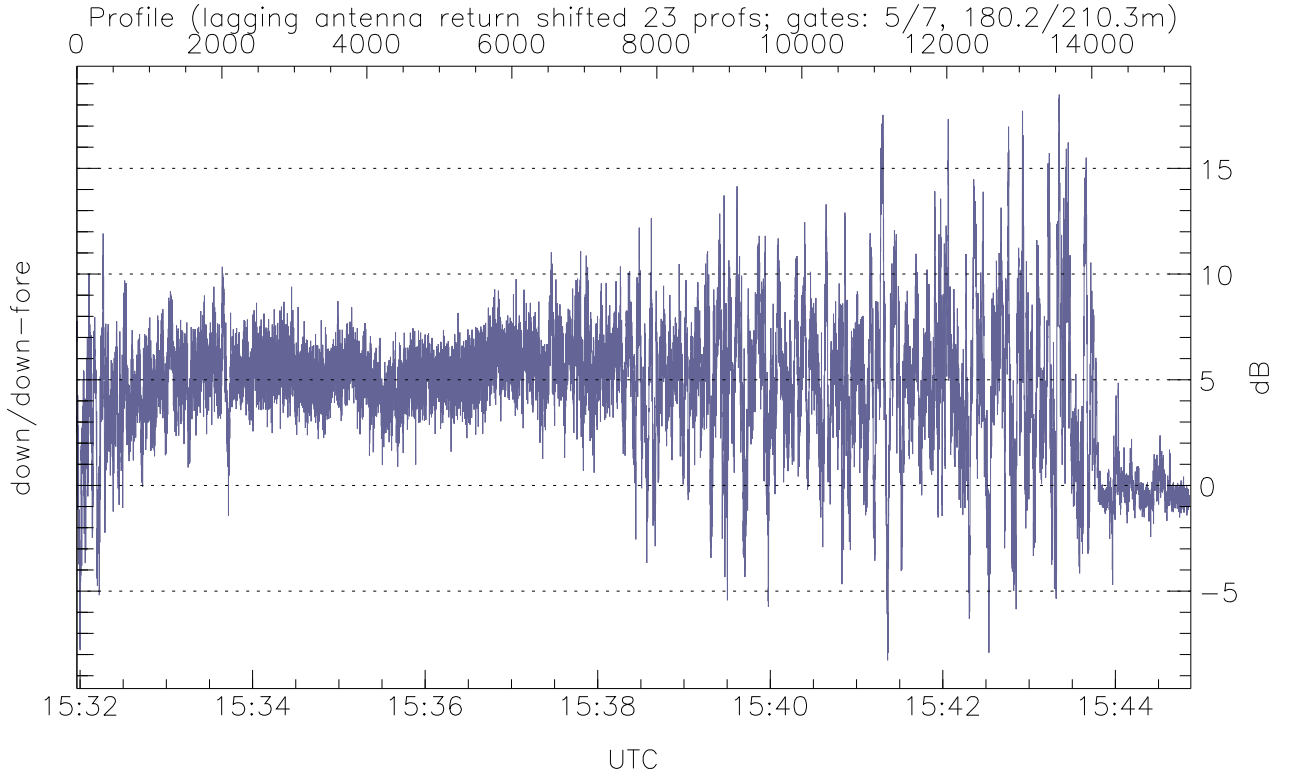
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

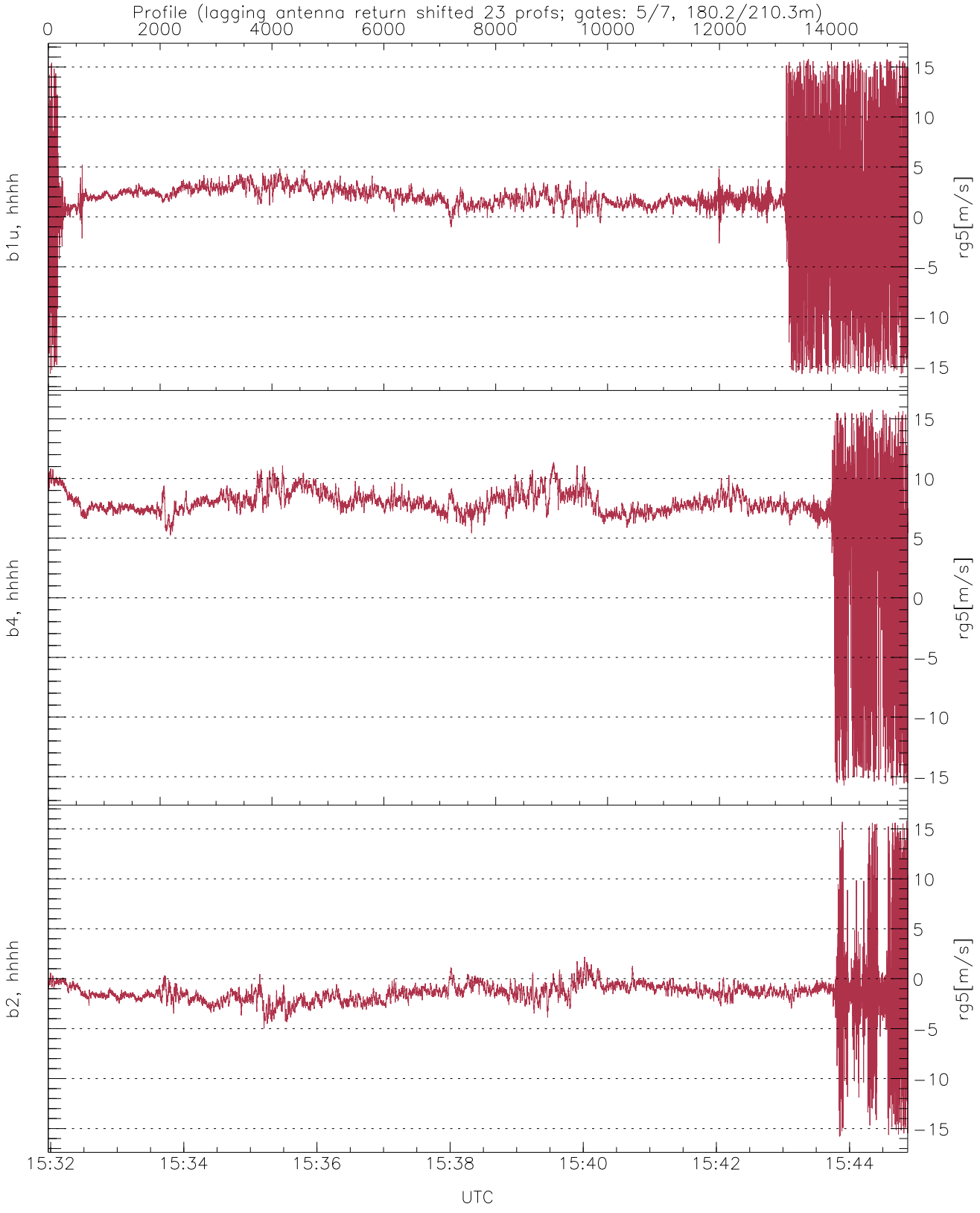
	Min	Max	Mean
up(hh[dBm])	-63.39	-6.18	-15.23
down-fore(hh[dBm])	-63.02	-11.77	-19.95
down(hh[dBm])	-63.30	-8.24	-16.10





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

	Min	Max	Mean
up/down(dB)	-35.18	8.72	-7.66
down/down-fore(dB)	-8.27	18.49	4.58



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.79	15.78	1.75	3.58
b4, hhhh(rg5[m/s])	-15.75	15.76	7.49	3.11
b2, hhhh(rg5[m/s])	-15.80	15.80	-1.35	1.91