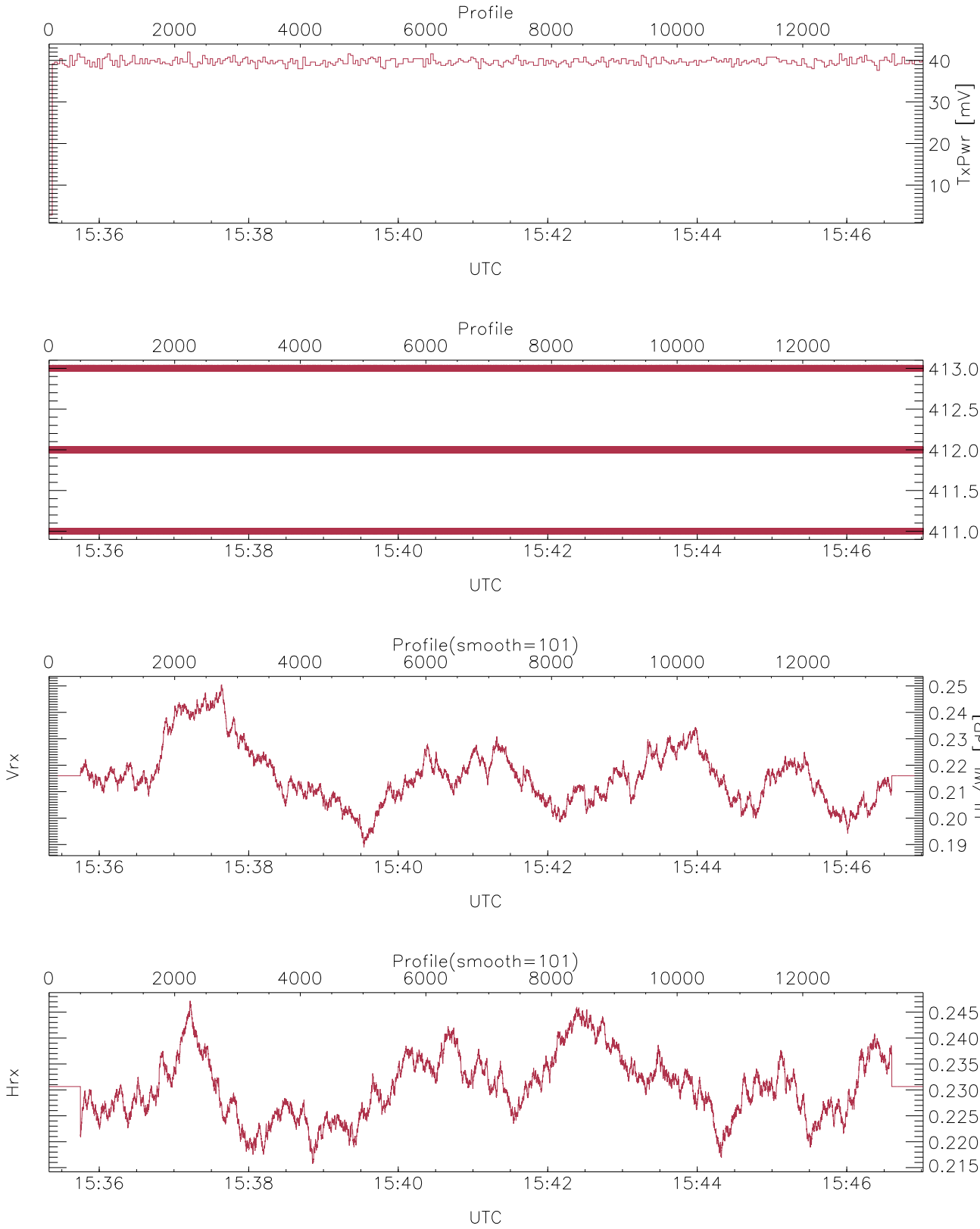
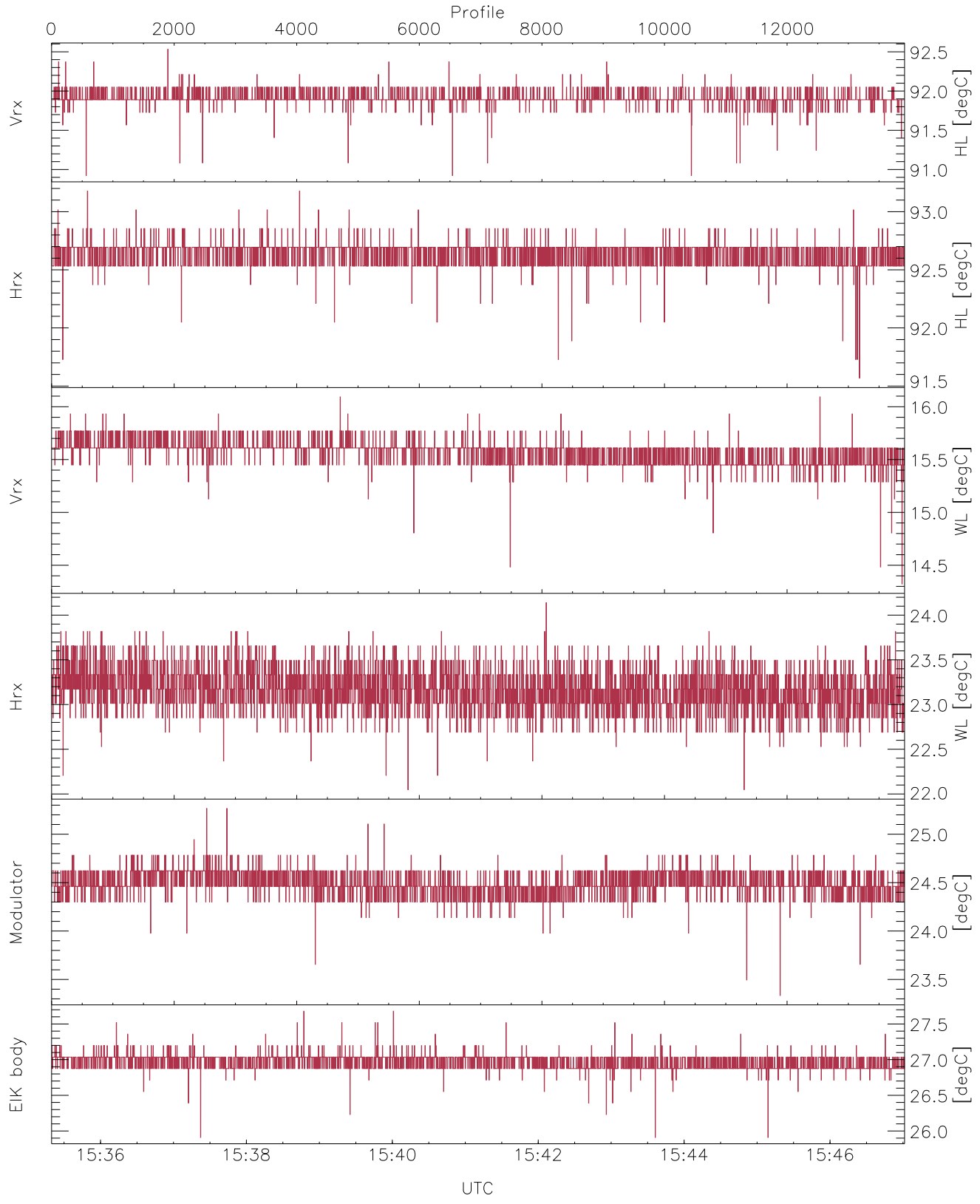


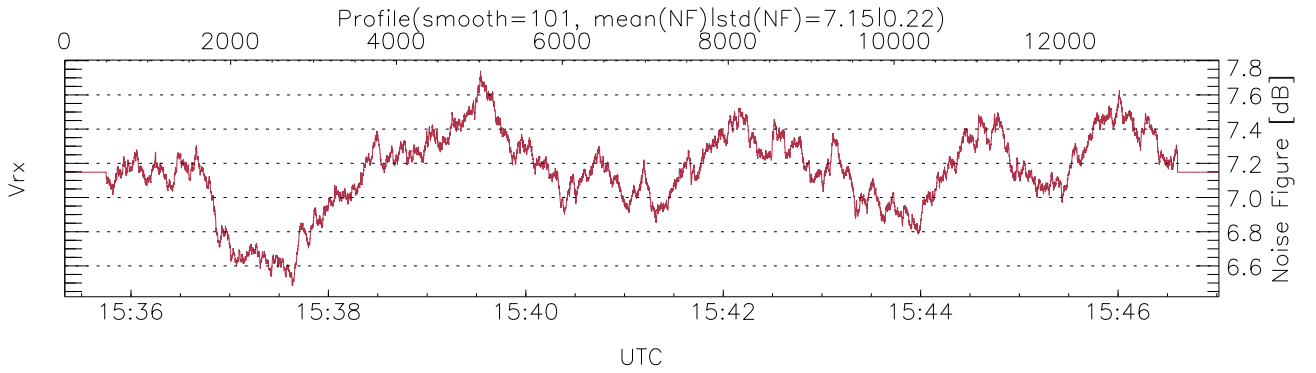
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

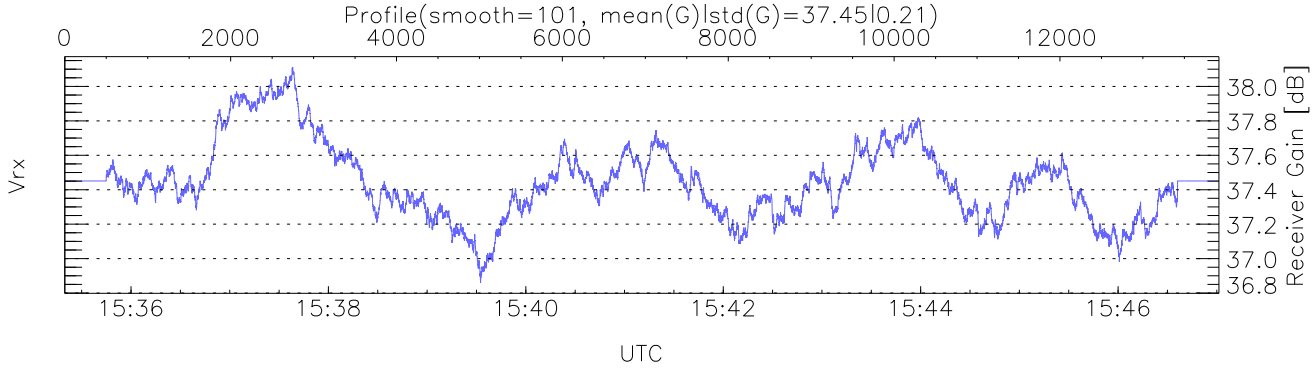
UTC: 15:35:20-15:47:01, Dur: 701.59s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
NumRec(r/t): 13918/13918, 0-13917/15:35:20-15:47:01
AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
PRF: 20.0 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

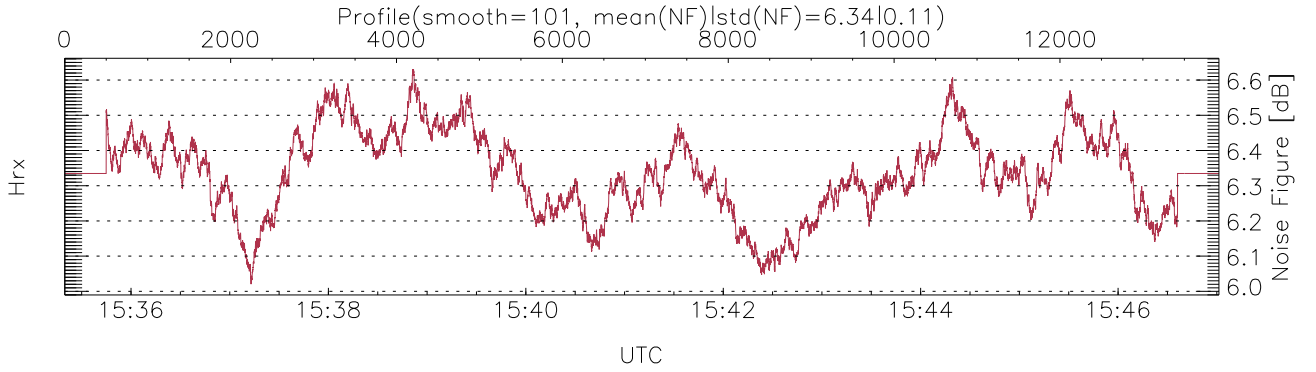


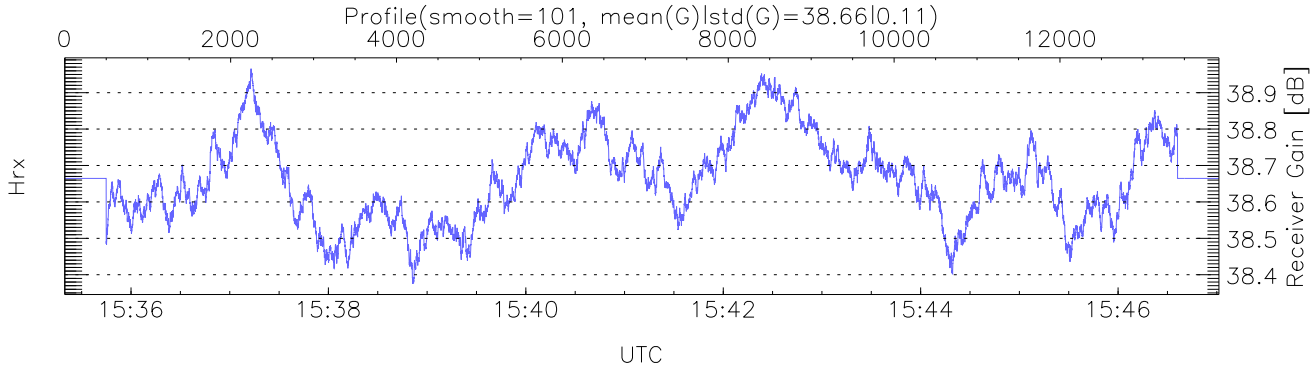
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,14,22,23,25
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,16,24,25,27
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
HVPS (15)



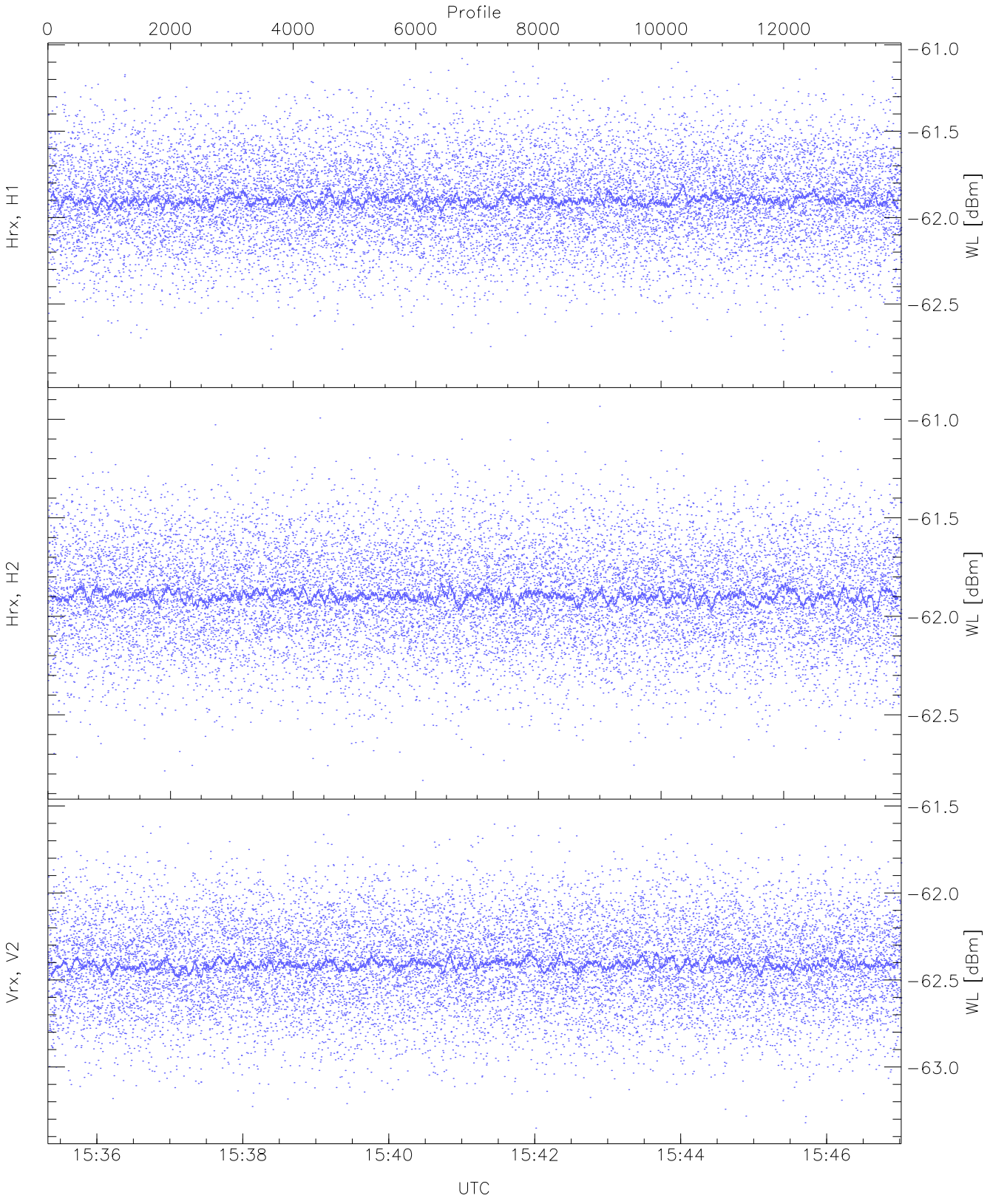






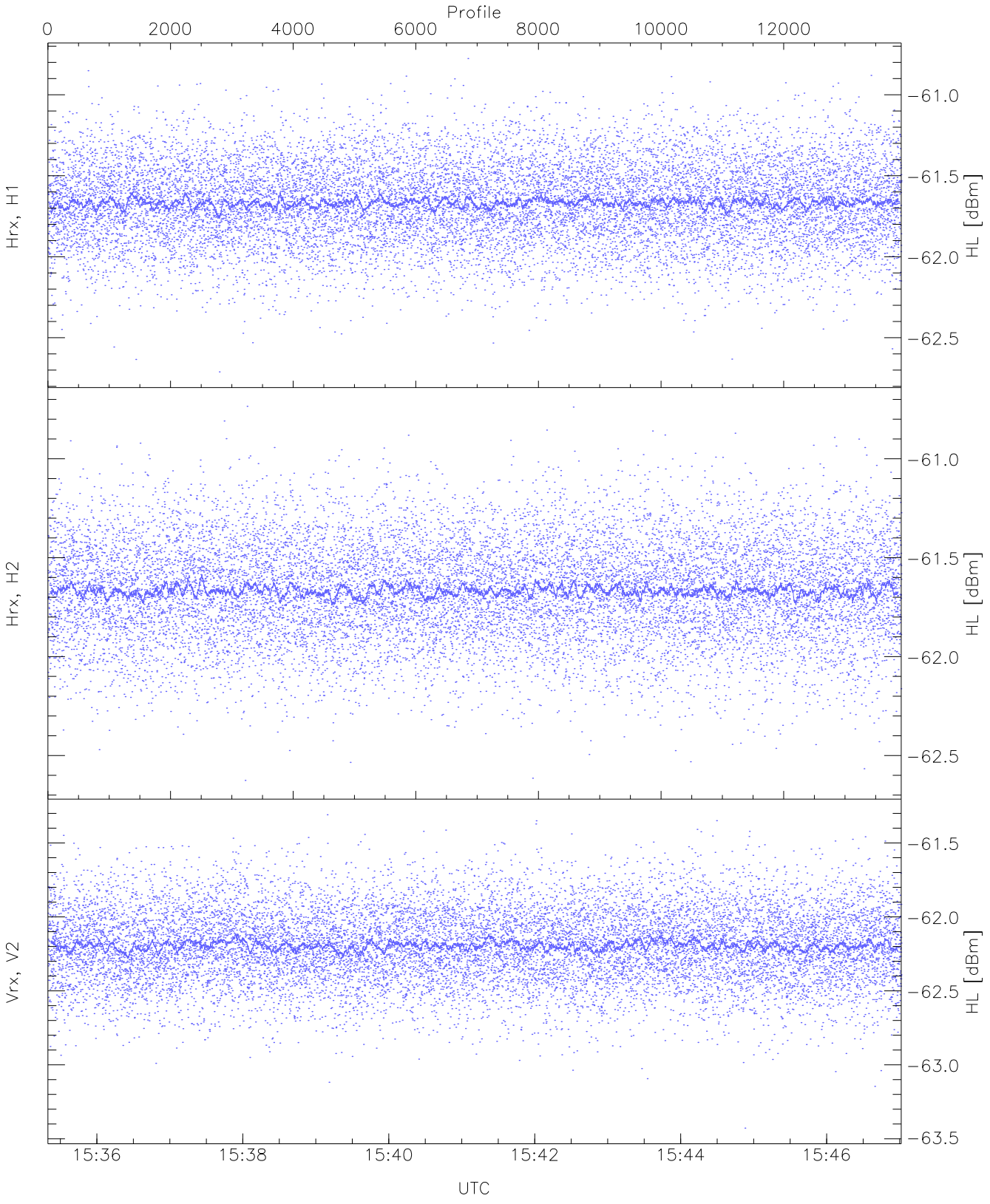
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 13333 pixs, 9 gates, 12685 profs, 1 prods



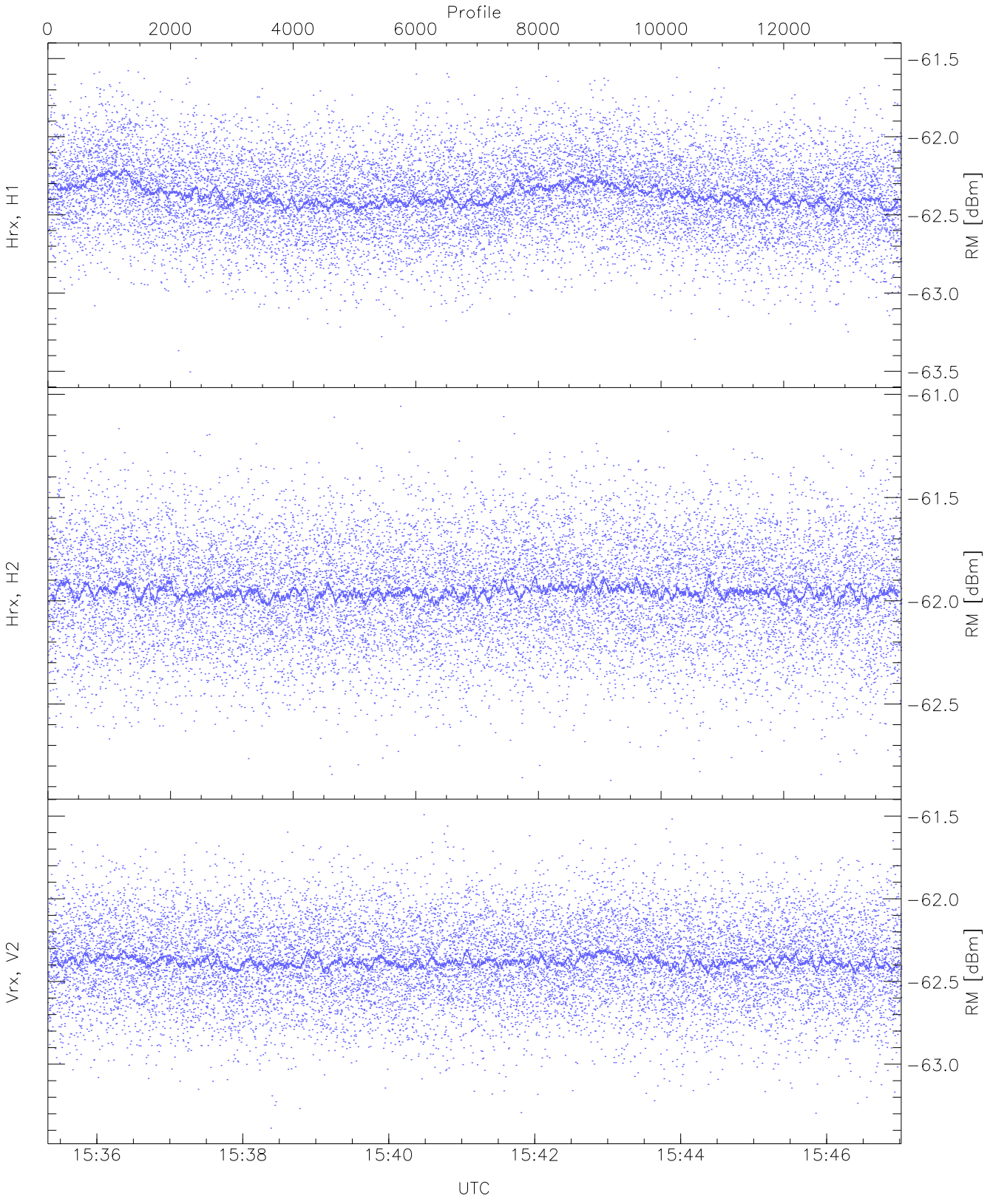
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.89	-61.08	-61.89	-61.90	-74.47
Hrx, H2(WL [dBm])	-62.83	-60.93	-61.89	-61.90	-74.46
Vrx, V2(WL [dBm])	-63.35	-61.55	-62.41	-62.41	-74.90



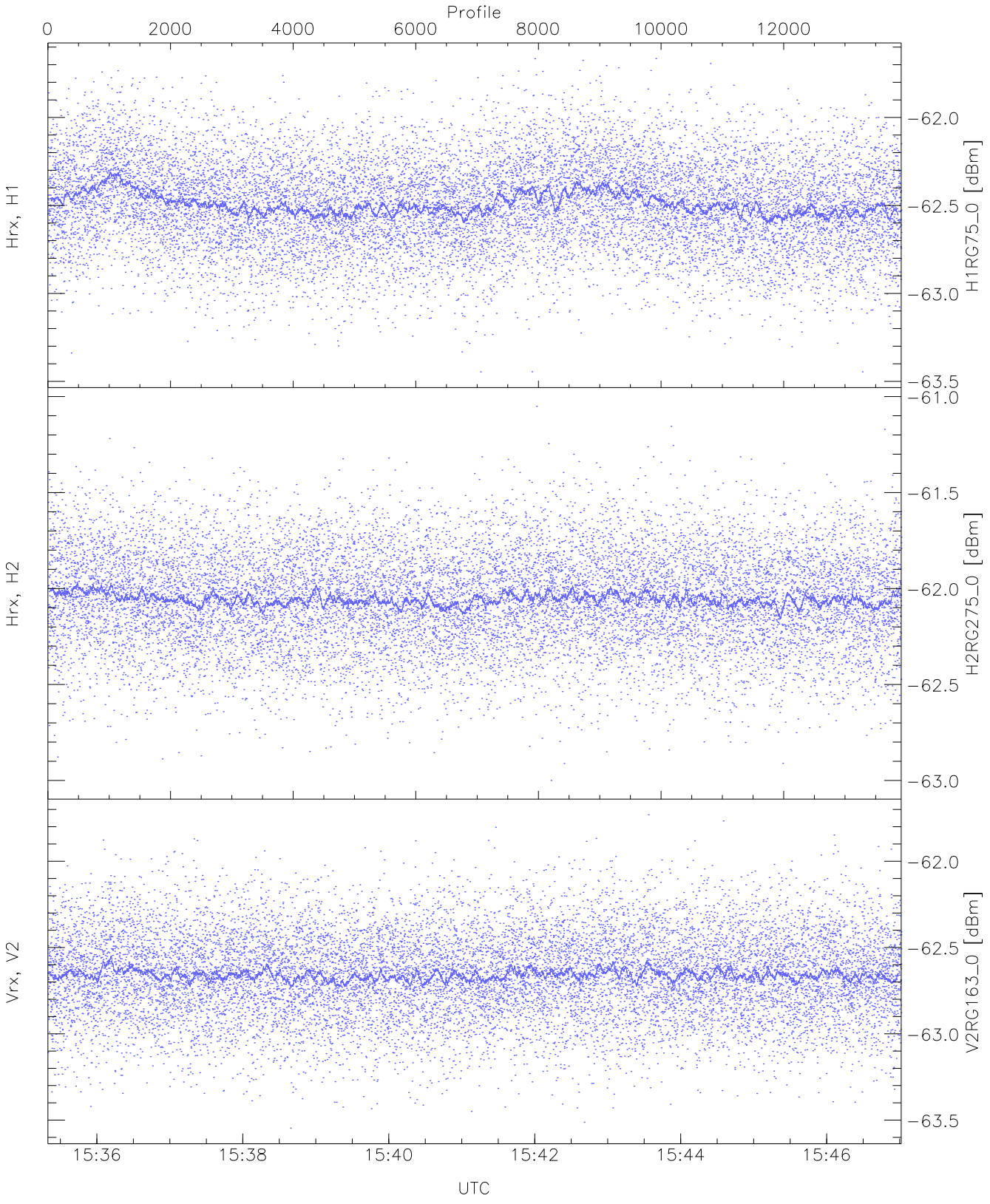
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.71	-60.78	-61.66	-61.67	-74.26
Hrx, H2(HL [dBm])	-62.63	-60.73	-61.66	-61.67	-74.24
Vrx, V2(HL [dBm])	-63.43	-61.31	-62.19	-62.20	-74.76



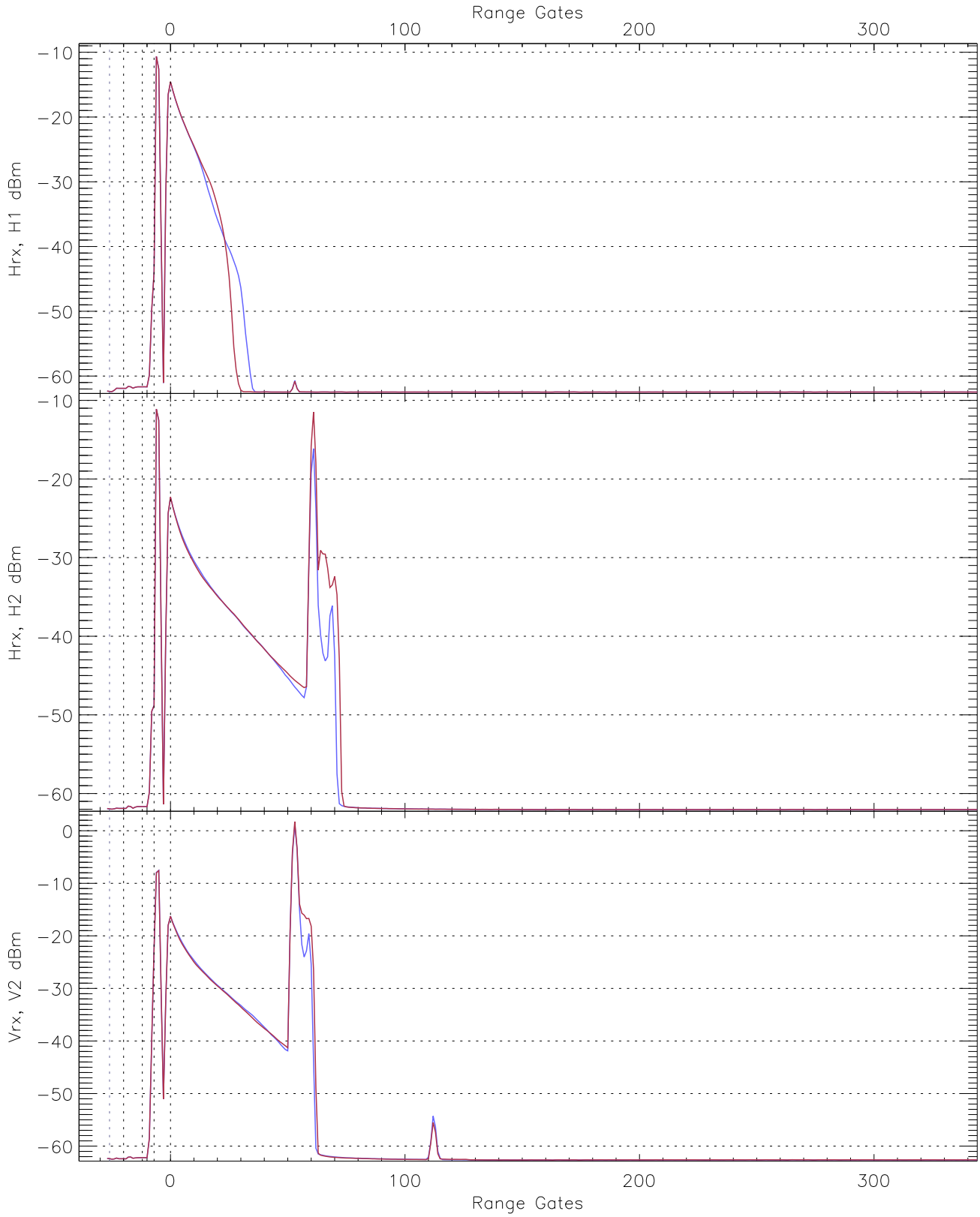
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.50	-61.50	-62.37	-62.37	-74.85
Hrx, H2(RM [dBm])	-62.87	-61.06	-61.95	-61.96	-74.52
Vrx, V2(RM [dBm])	-63.39	-61.49	-62.38	-62.38	-74.92

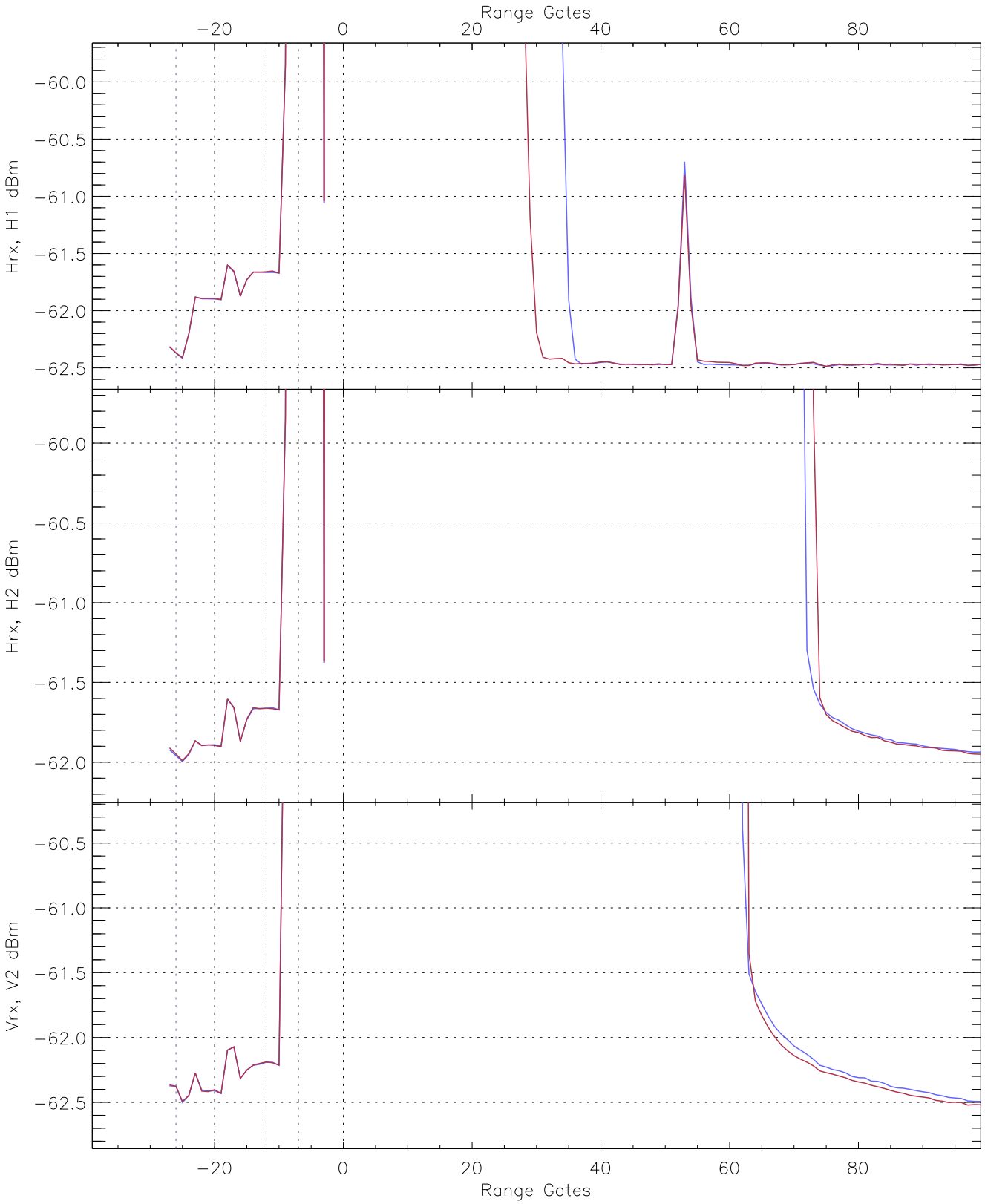


WCR2 CPP "Best" estimate Receivers Noise Power

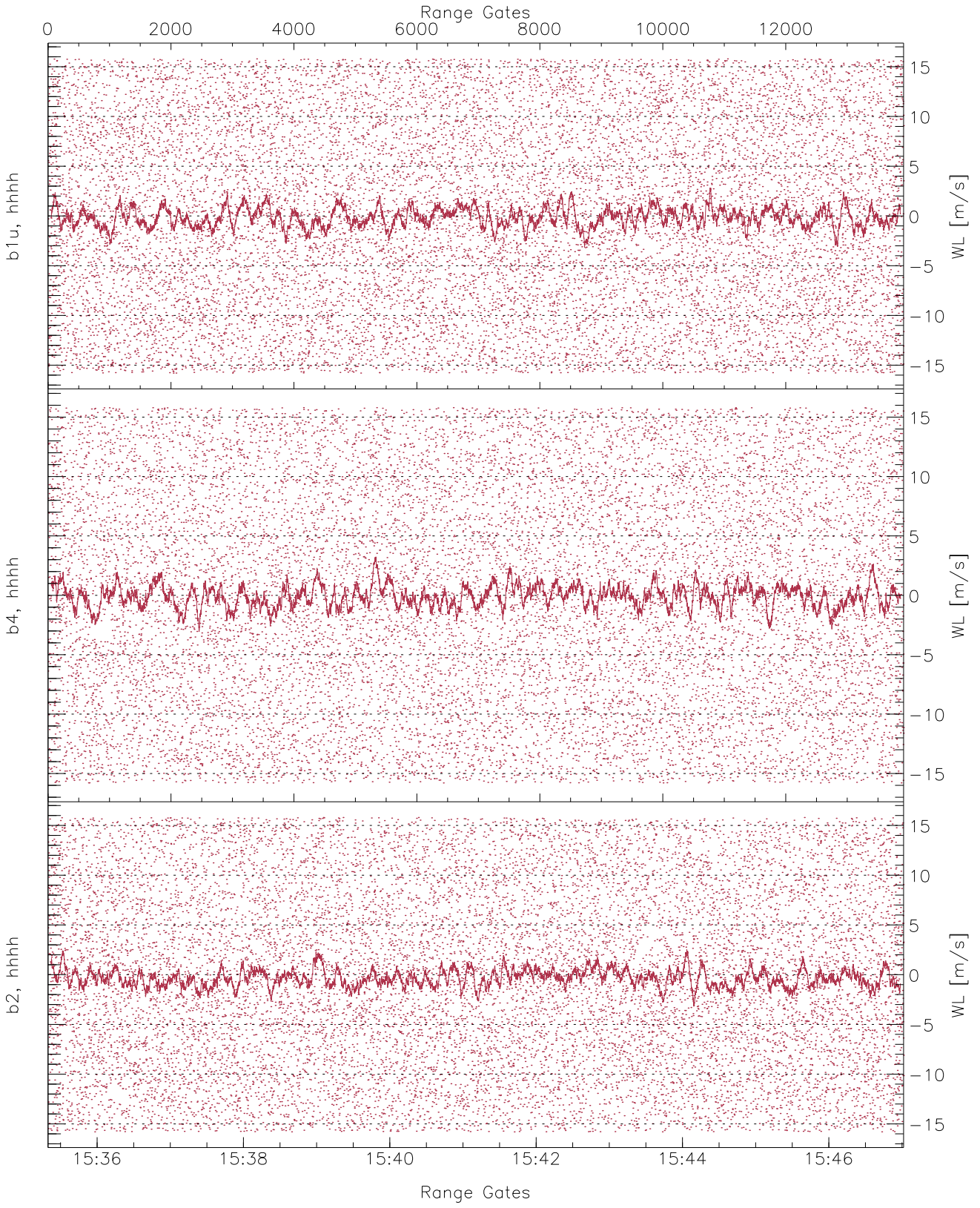
	Min	Max	Mean	Median	StDev
H1RG75_0 [dBm]	-63.45	-61.67	-62.49	-62.49	-74.97
H2RG275_0 [dBm]	-63.00	-61.05	-62.05	-62.06	-74.61
V2RG163_0 [dBm]	-63.55	-61.73	-62.65	-62.66	-75.20



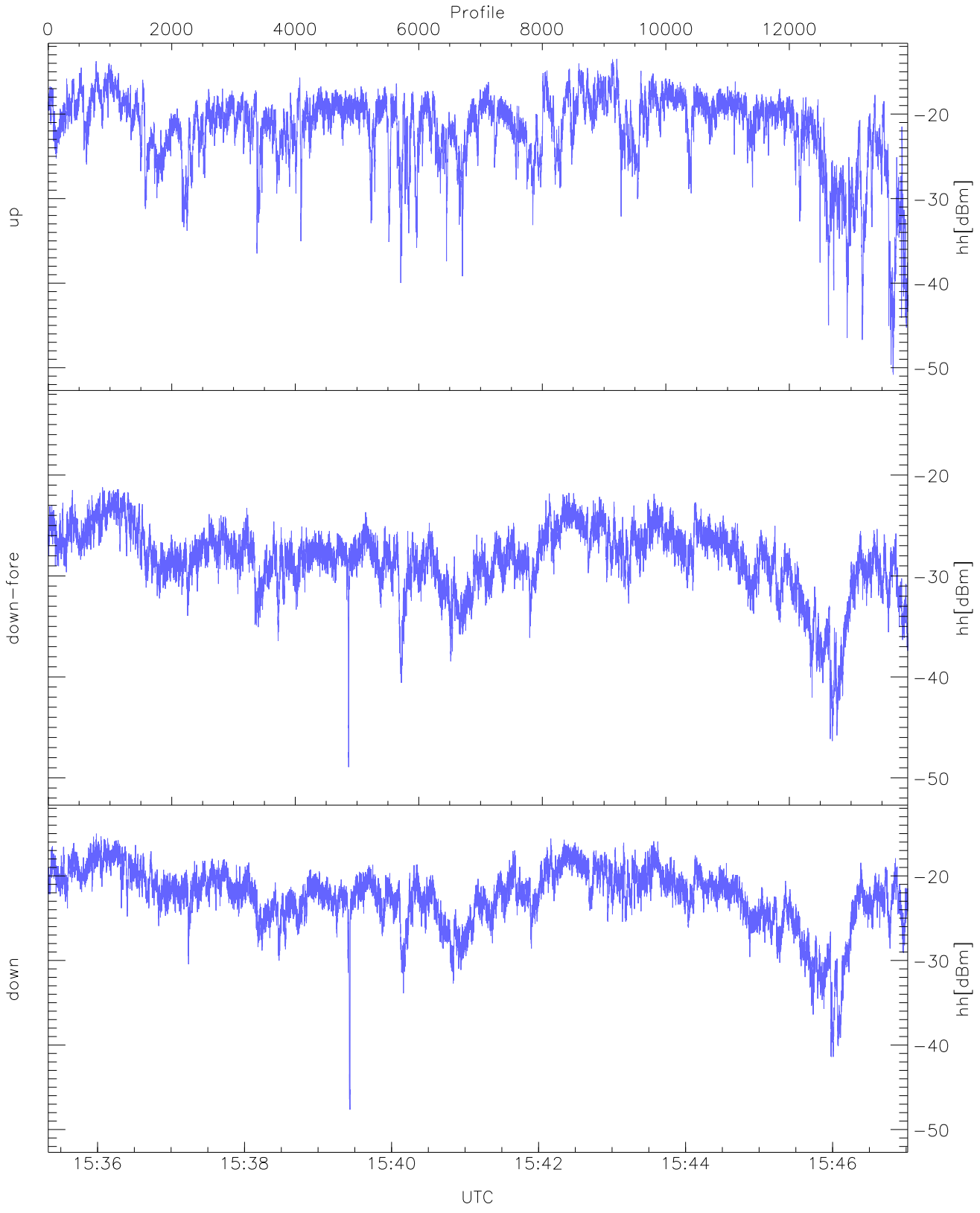
WCR2 CPP Averaged Received power for all recorded gates
blue: 153520-154111, 6960 profiles averaged
red: 154111-154701, 6959 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 153520-154111, 6960 profiles averaged
red: 154111-154701, 6959 profiles averaged

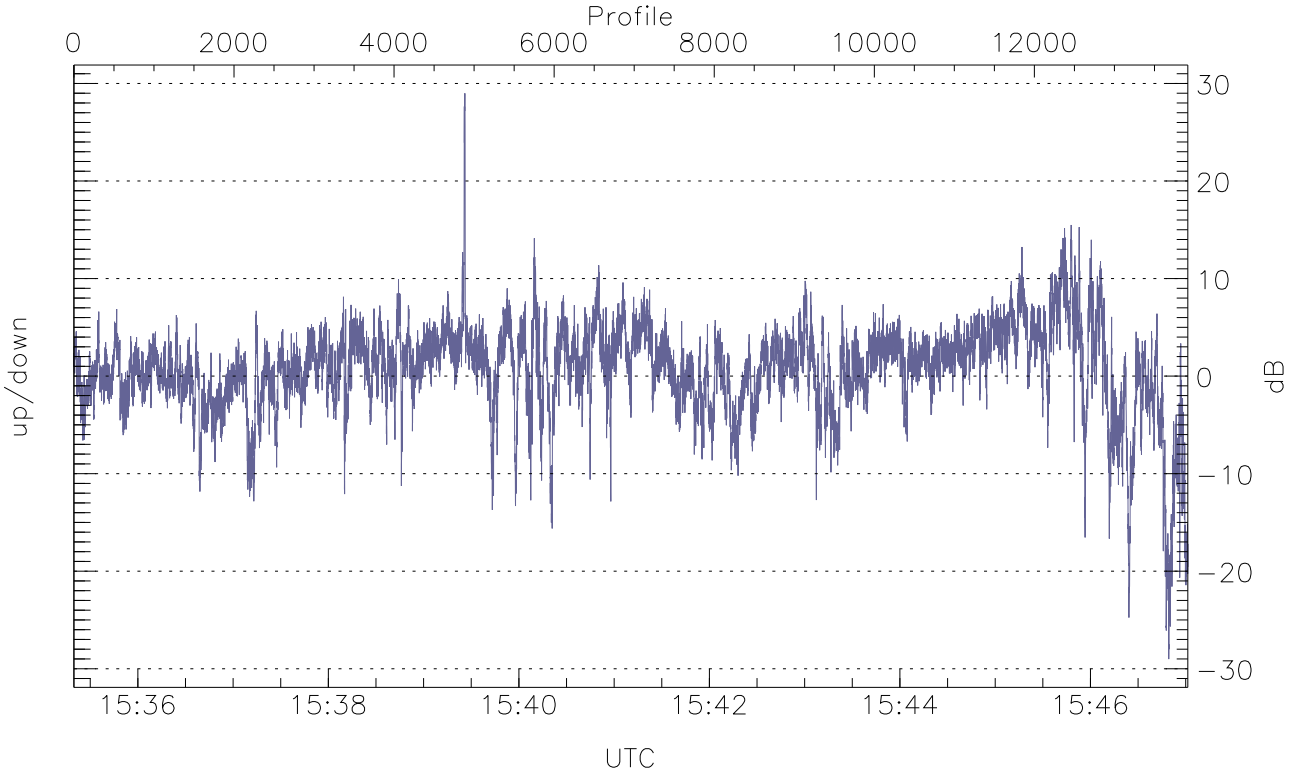


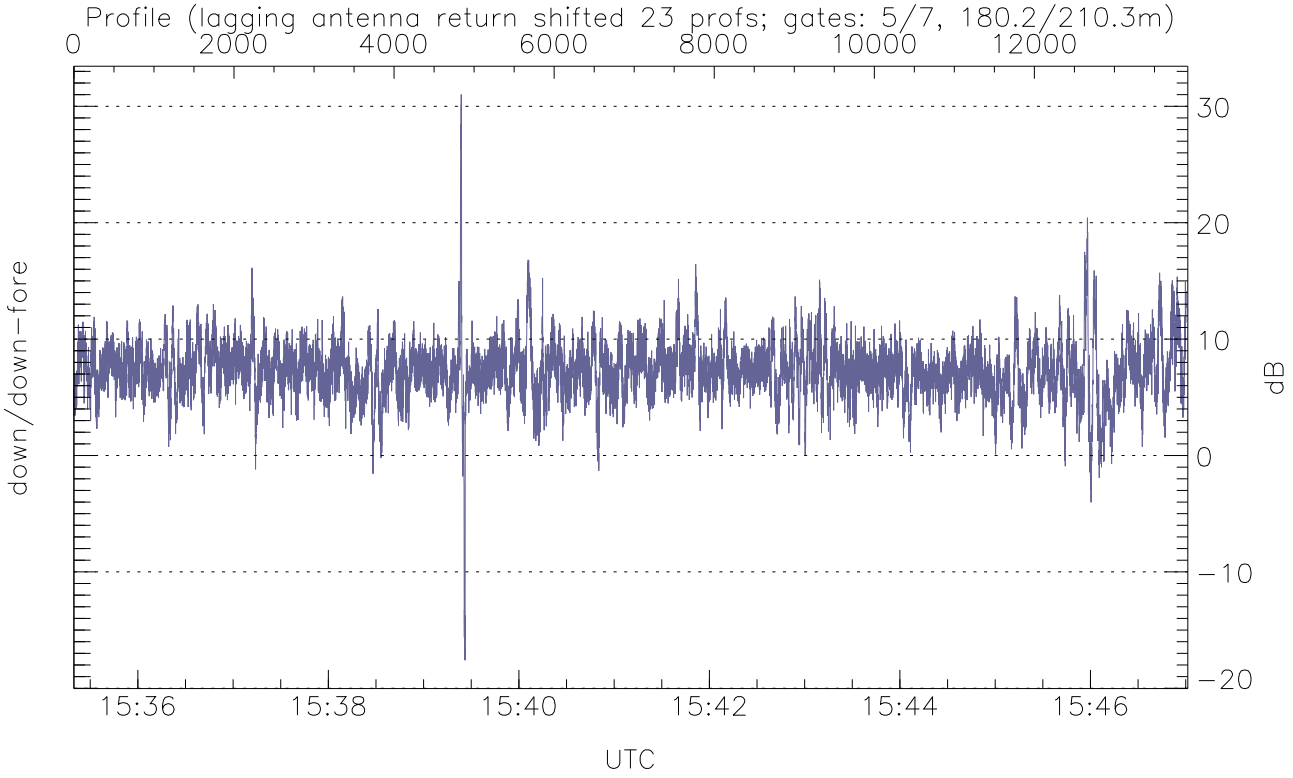
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

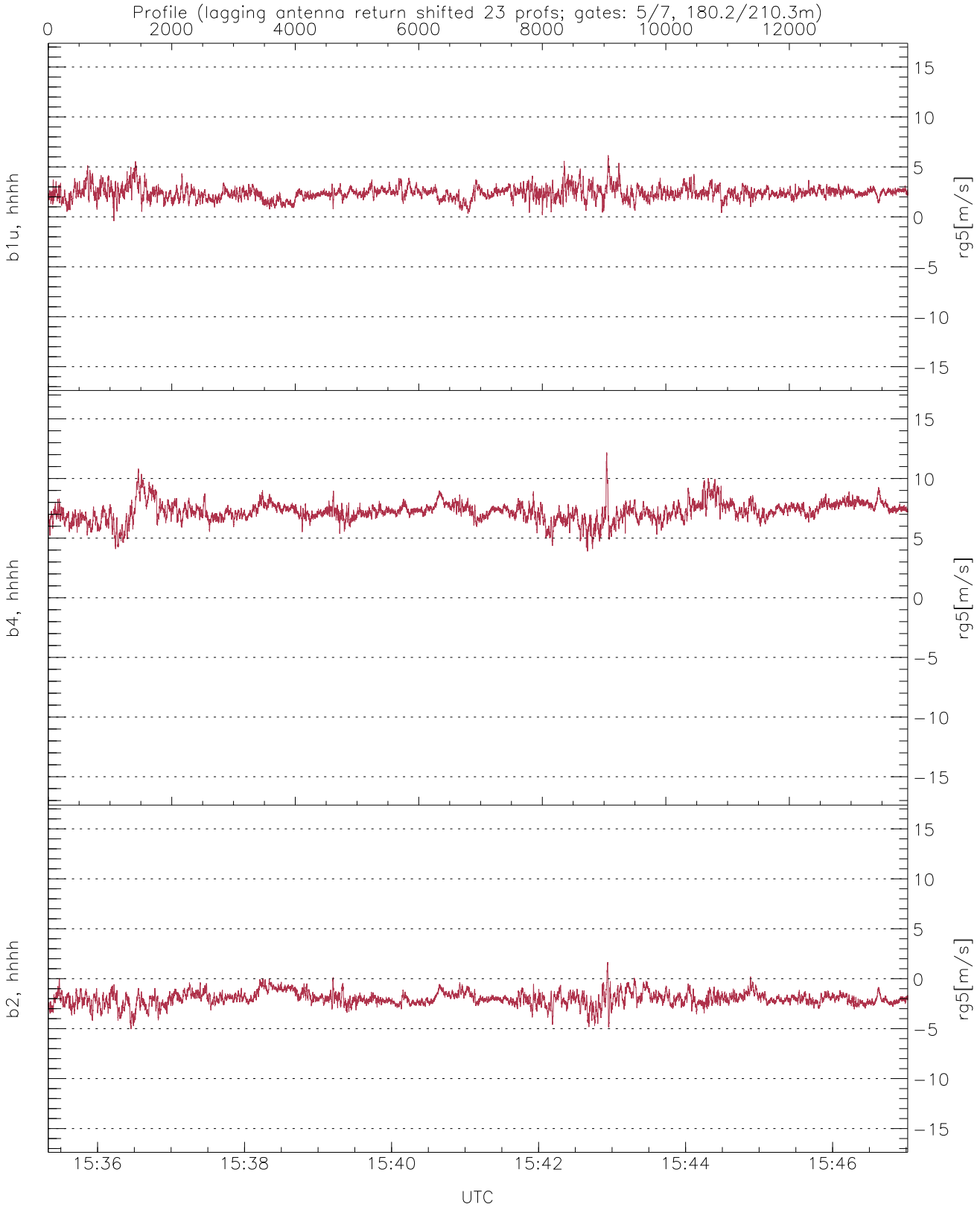
	Min	Max	Mean
up(hh[dBm])	-50.83	-13.49	-20.29
down-fore(hh[dBm])	-48.94	-21.22	-27.36
down(hh[dBm])	-47.65	-15.01	-21.42





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

	Min	Max	Mean
up/down(dB)	-29.01	28.99	0.68
down/down-fore(dB)	-17.59	31.01	7.29



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-0.42	6.16	2.38	0.64
b4, hhhh(rg5[m/s])	3.89	12.18	7.23	0.80
b2, hhhh(rg5[m/s])	-5.04	1.66	-1.99	0.67