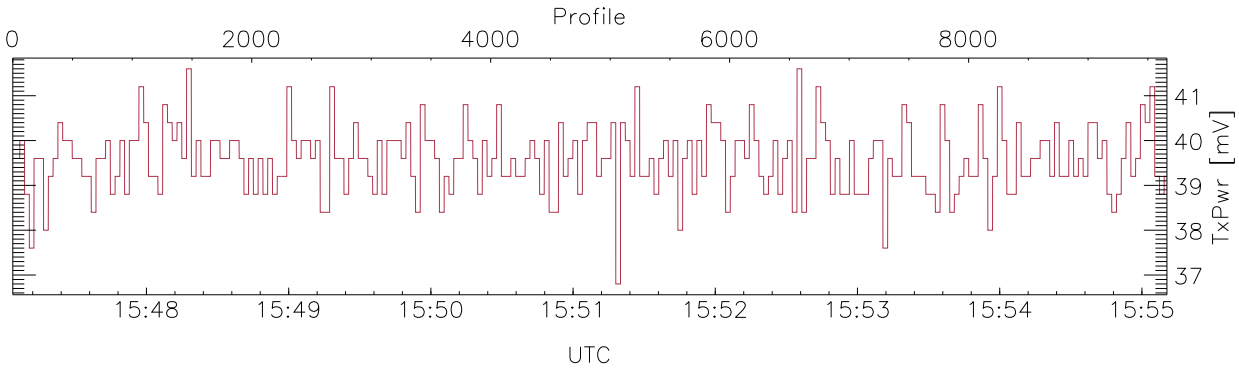
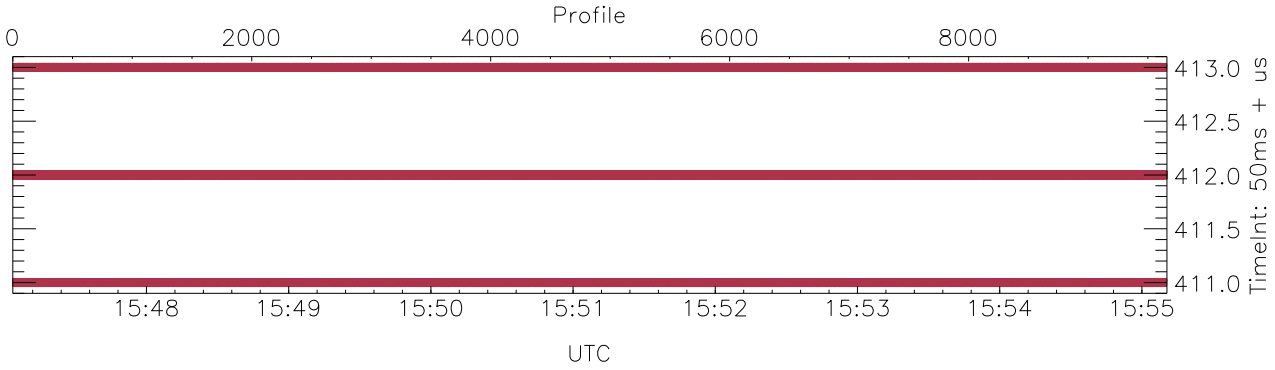
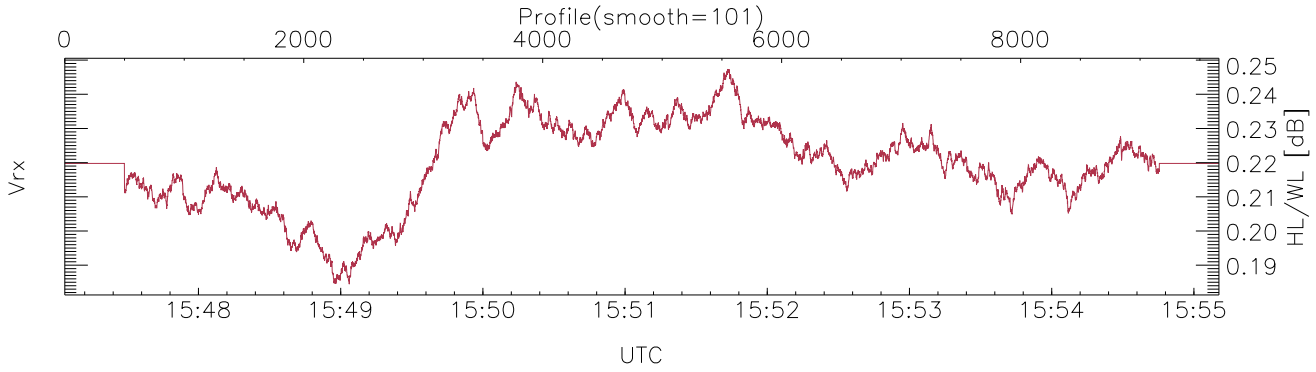
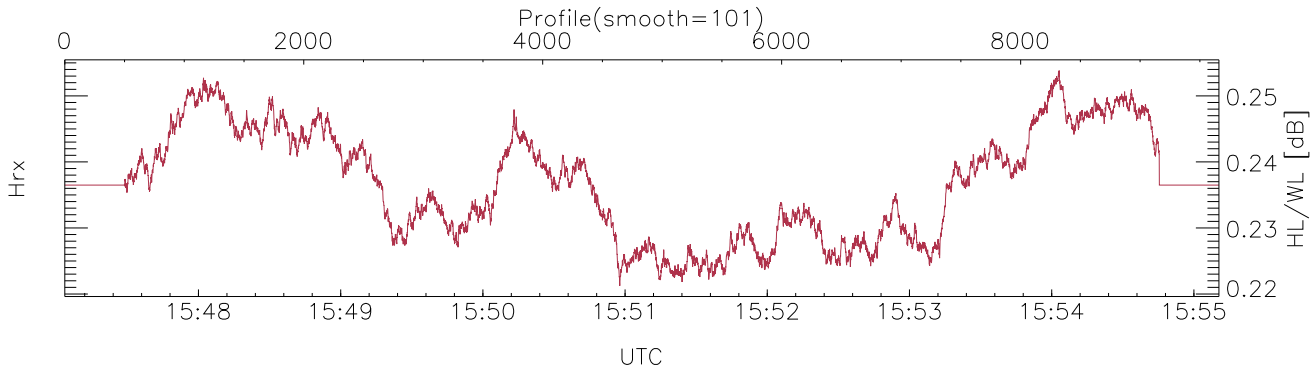


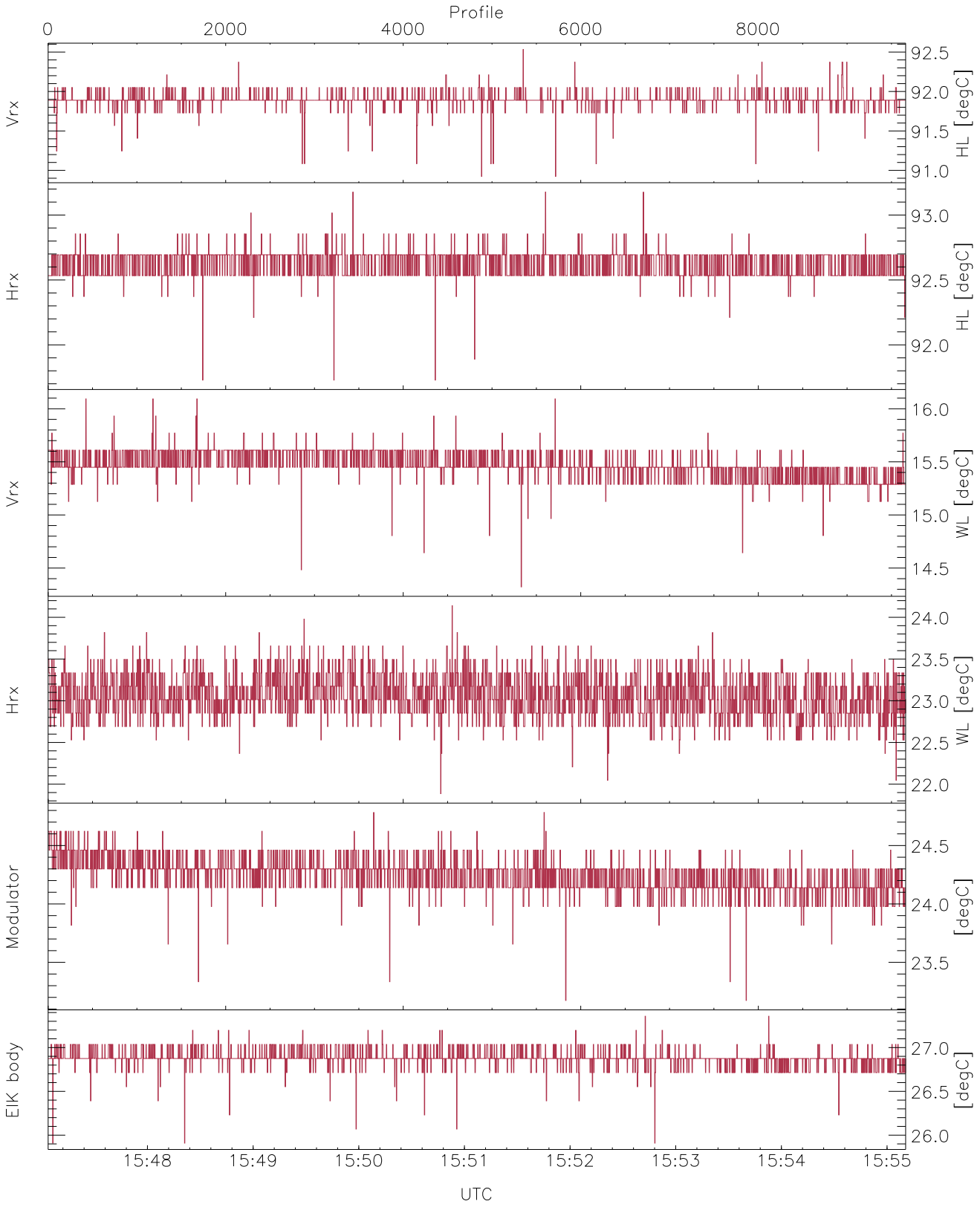






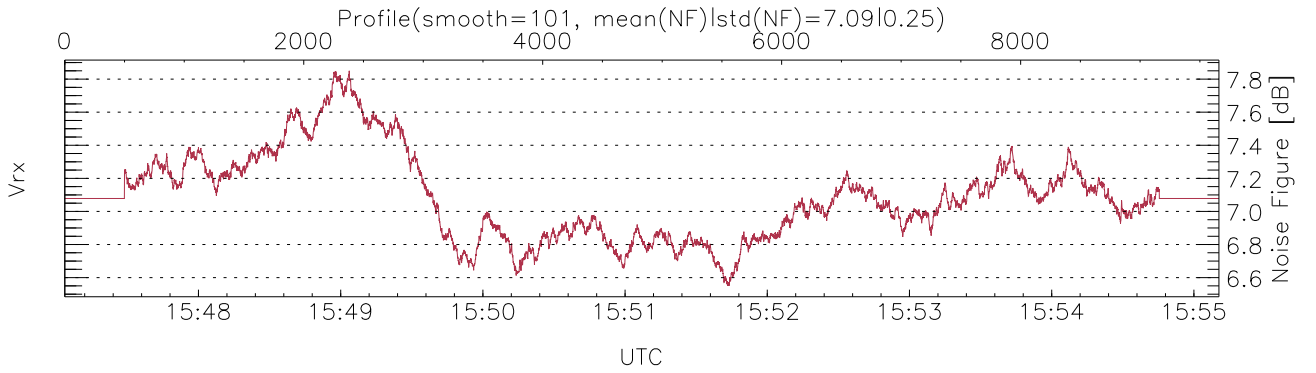
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

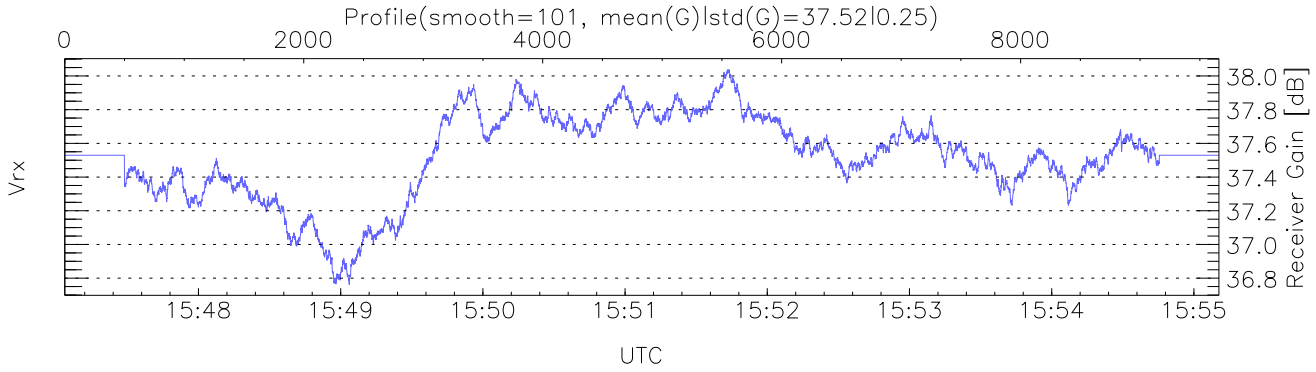
UTC: 15:47:04-15:55:11, Dur: 486.99s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
NumRec(r/t): 9661/9661, 0-9660/15:47:04-15:55:11
AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
PRF: 20.0 20.0 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

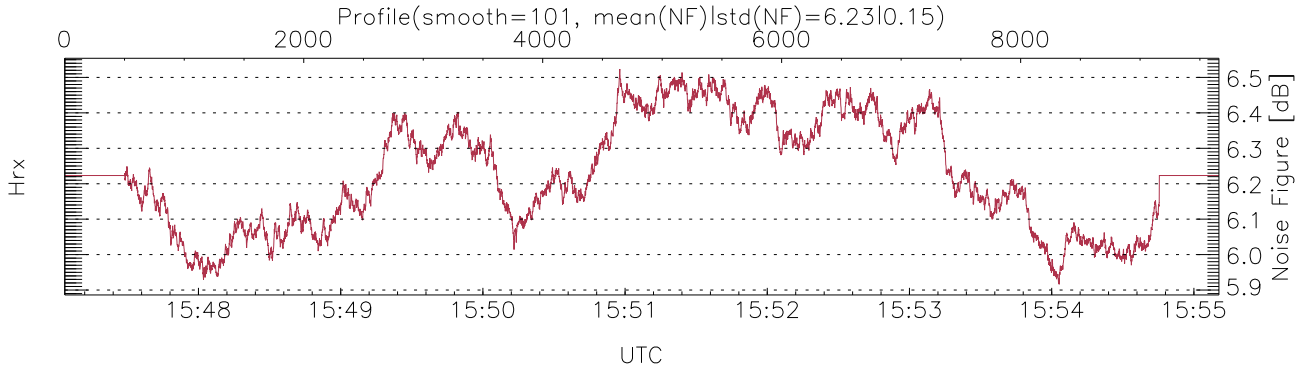


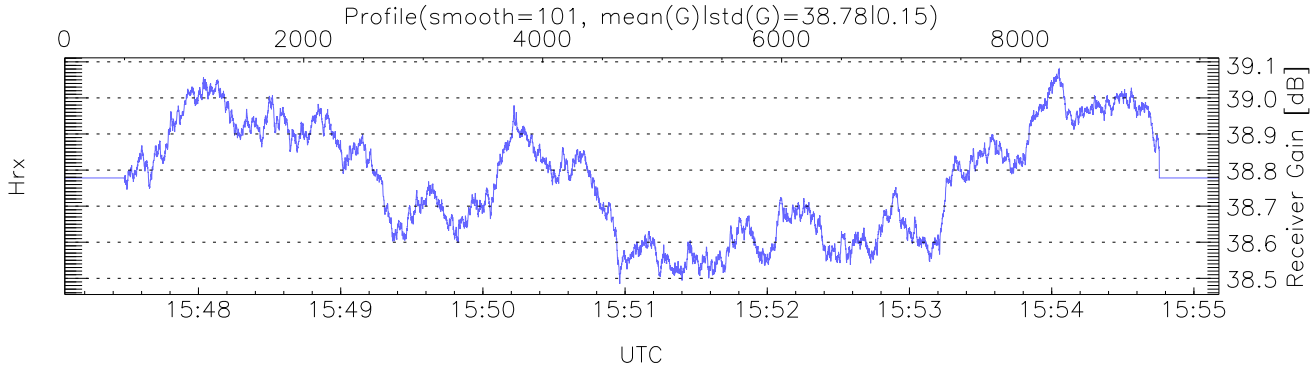
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,14,21,23,25
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,16,24,24,27
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
HVPS (5)



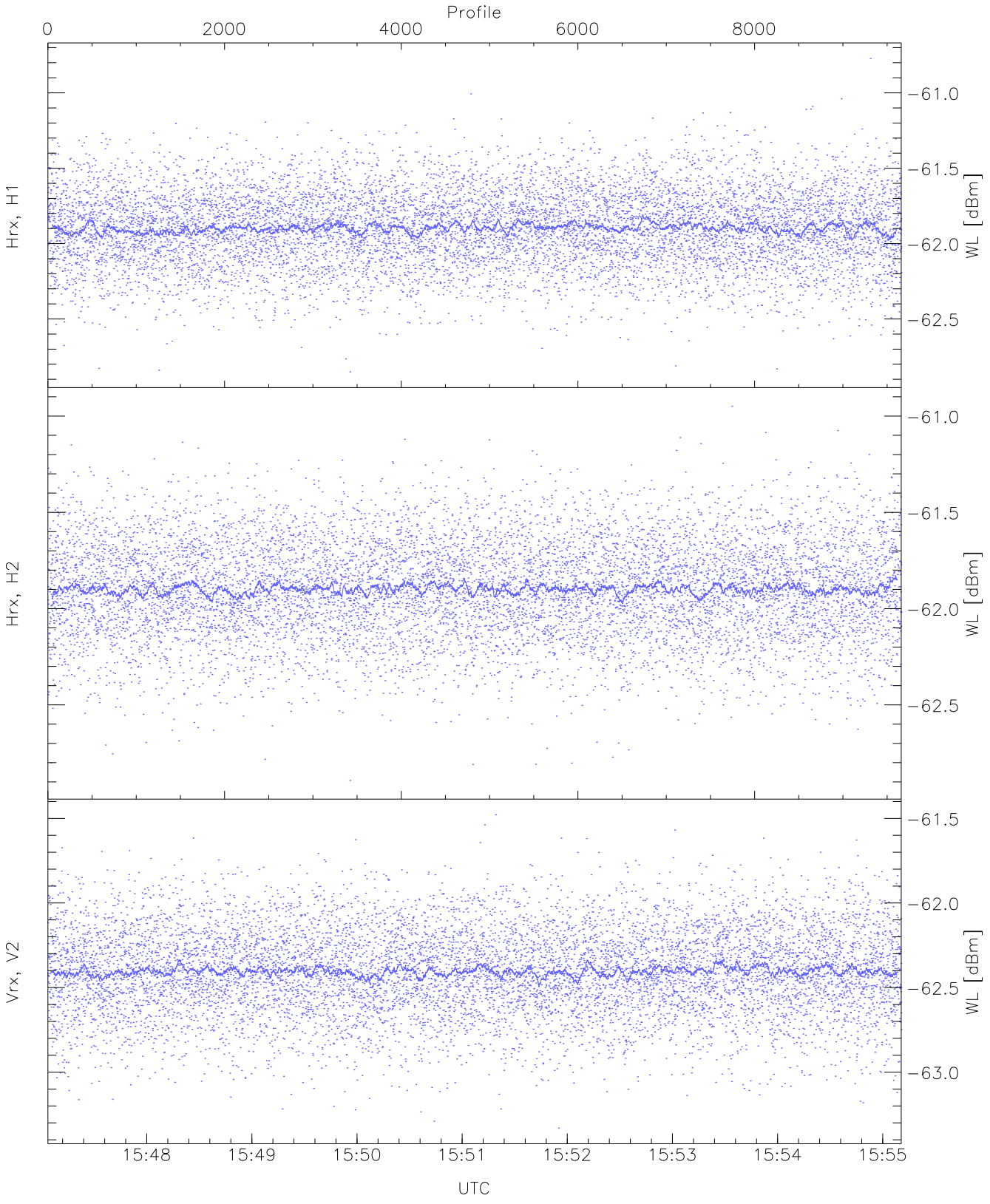






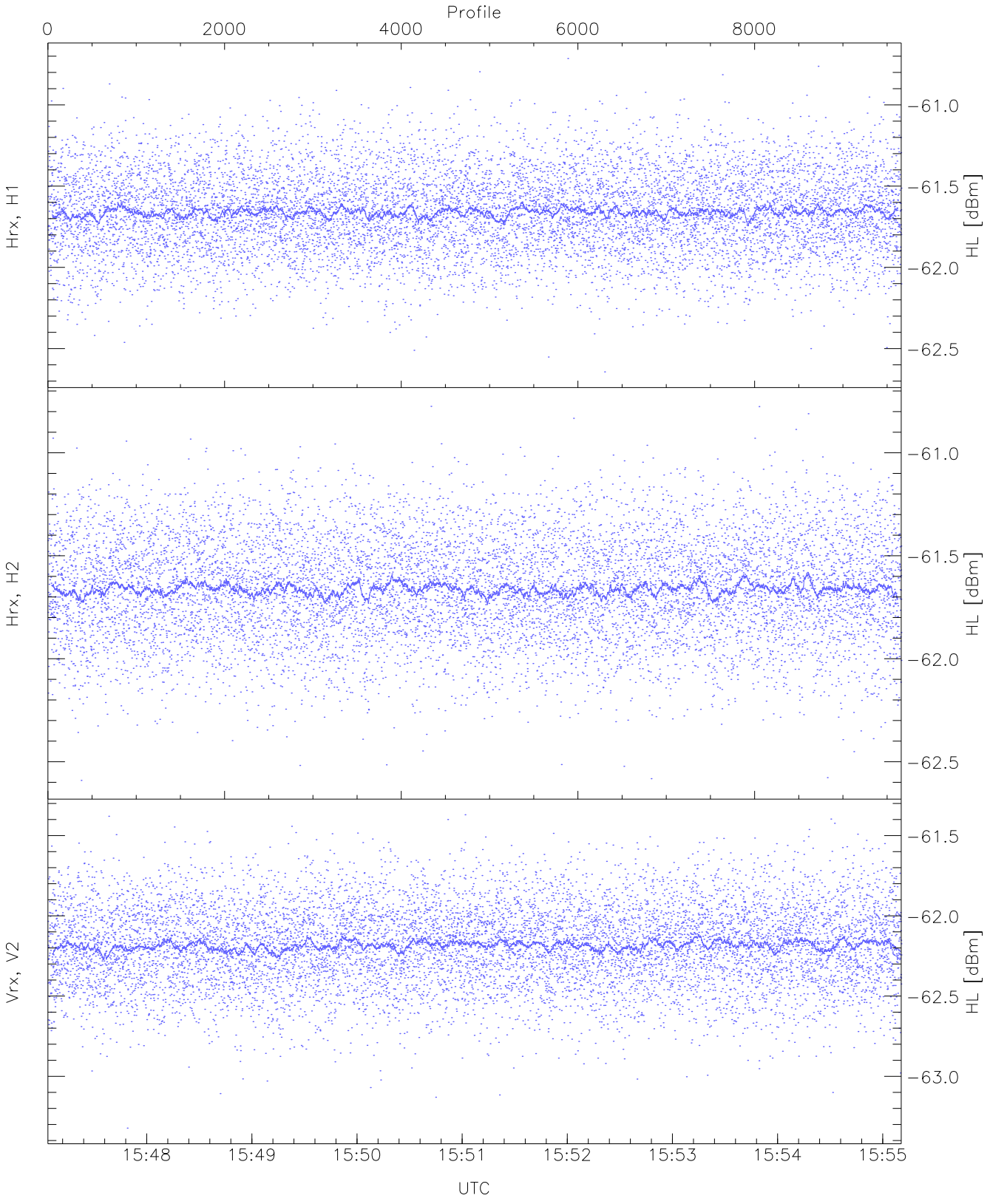
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 5979 pixs, 12 gates, 5855 profs, 2 prods



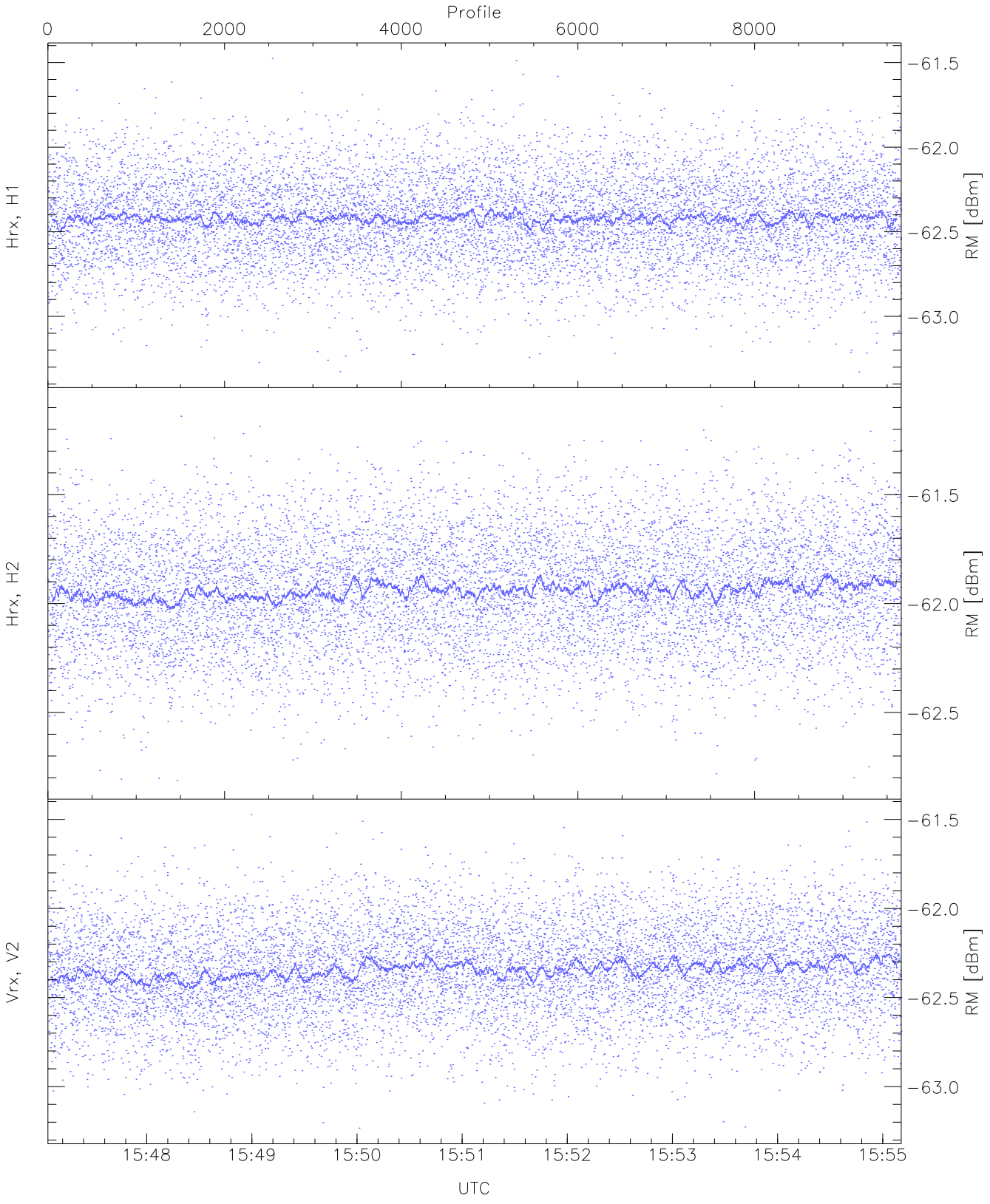
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.85	-60.77	-61.89	-61.89	-74.48
Hrx, H2(WL [dBm])	-62.89	-60.95	-61.89	-61.90	-74.46
Vrx, V2(WL [dBm])	-63.33	-61.48	-62.40	-62.41	-74.91



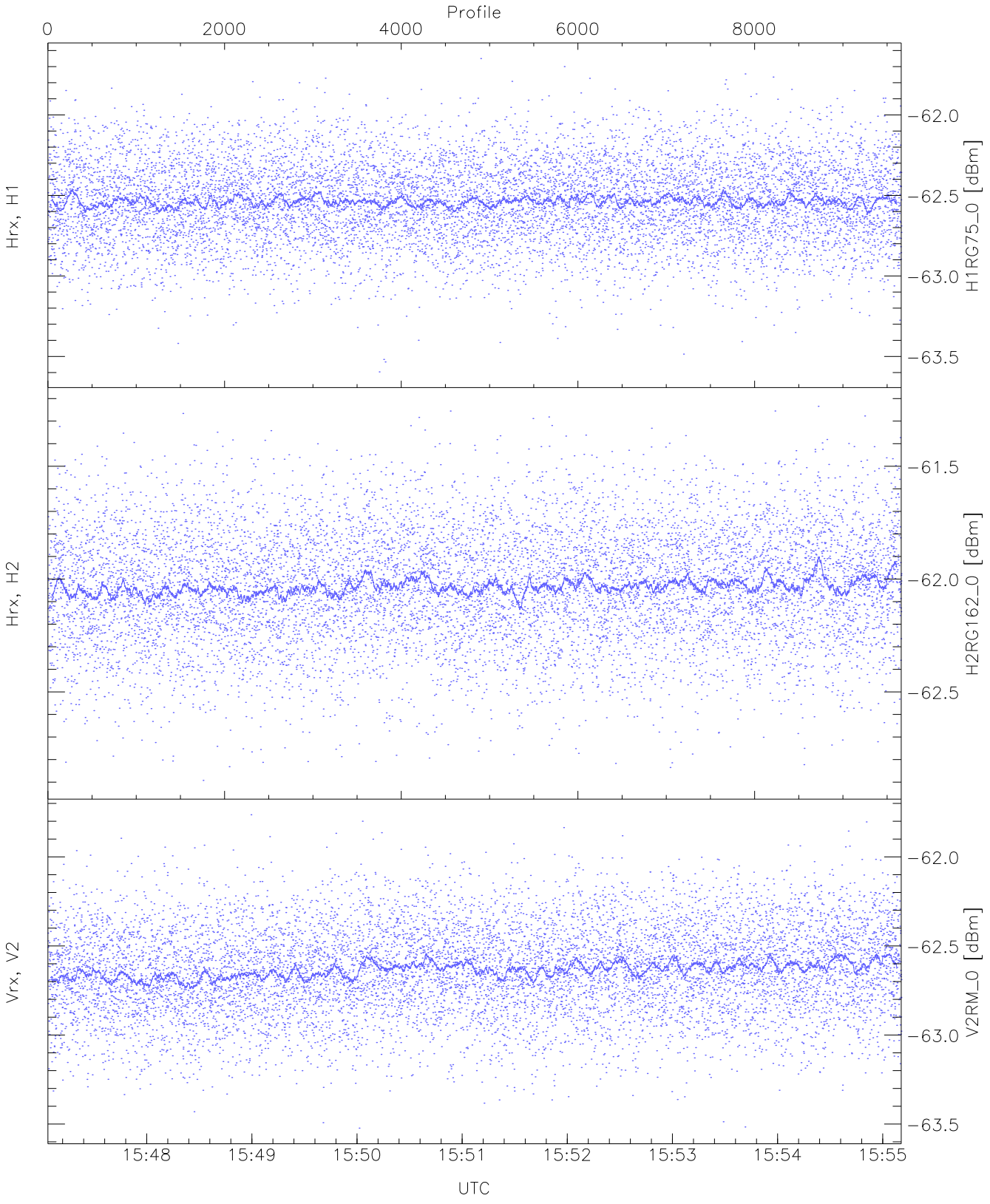
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.64	-60.71	-61.66	-61.66	-74.23
Hrx, H2(HL [dBm])	-62.59	-60.77	-61.66	-61.66	-74.26
Vrx, V2(HL [dBm])	-63.32	-61.37	-62.18	-62.18	-74.69



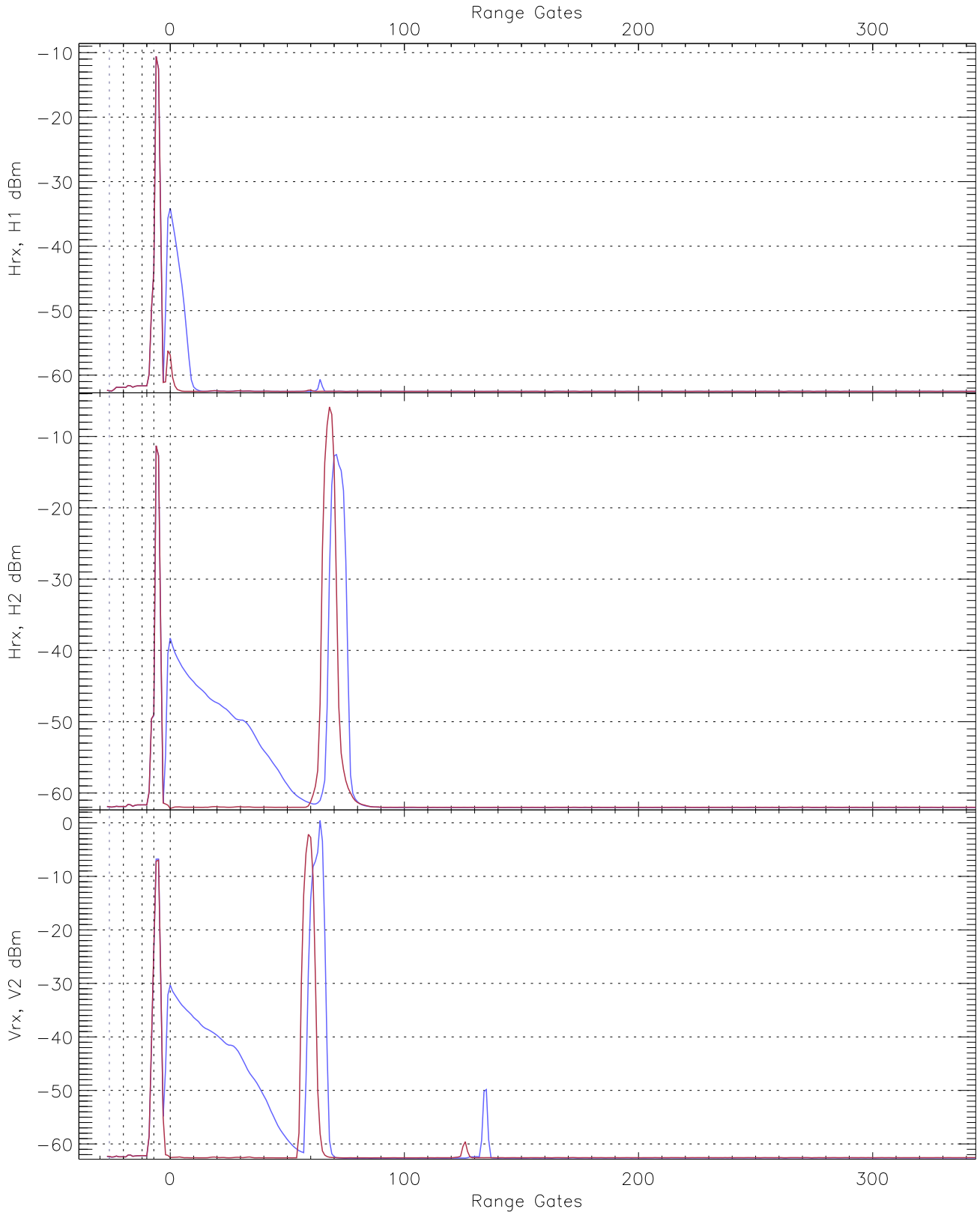
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.33	-61.48	-62.42	-62.42	-74.94
Hrx, H2(RM [dBm])	-62.81	-61.09	-61.94	-61.94	-74.48
Vrx, V2(RM [dBm])	-63.23	-61.47	-62.34	-62.35	-74.89

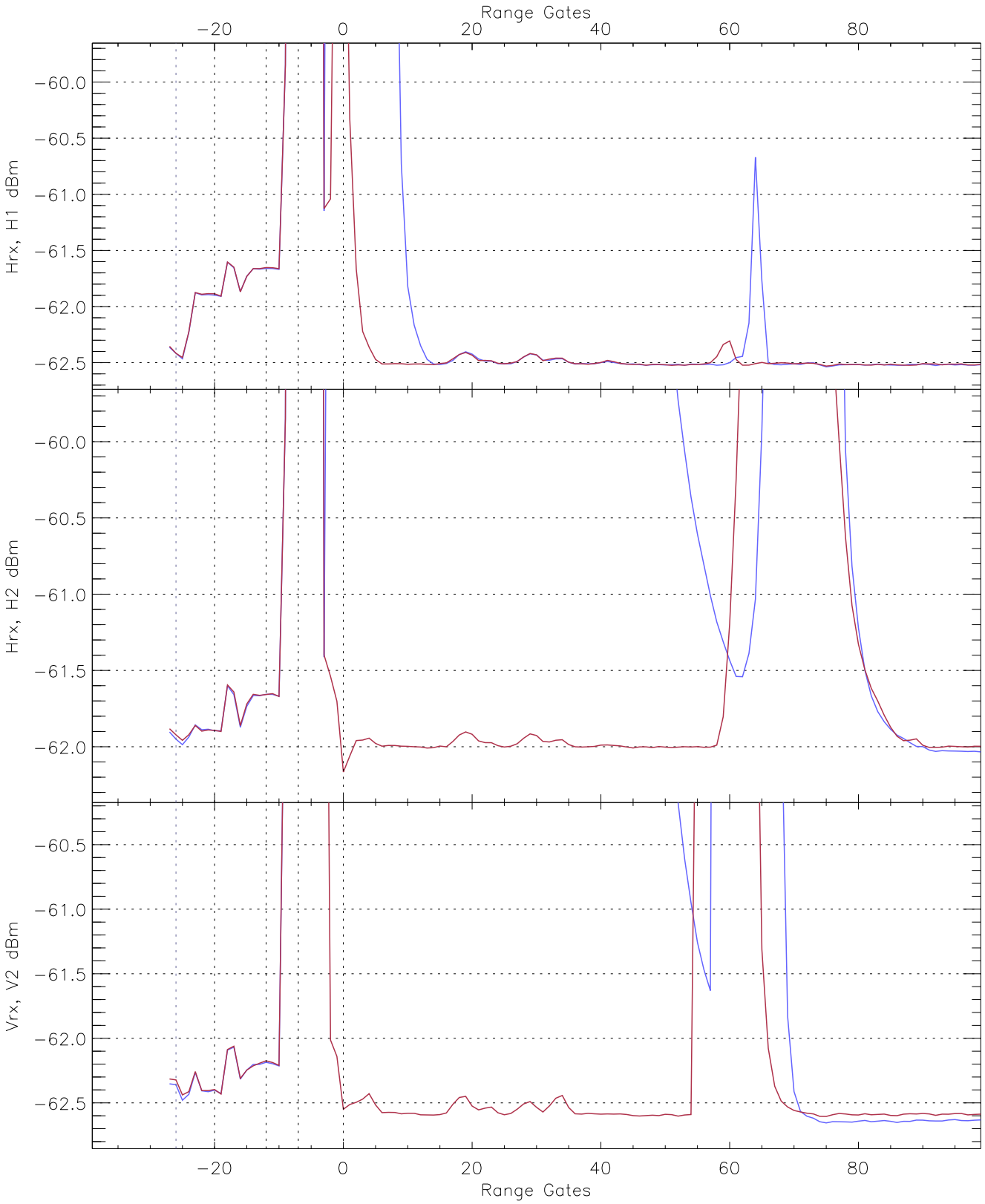


WCR2 CPP "Best" estimate Receivers Noise Power

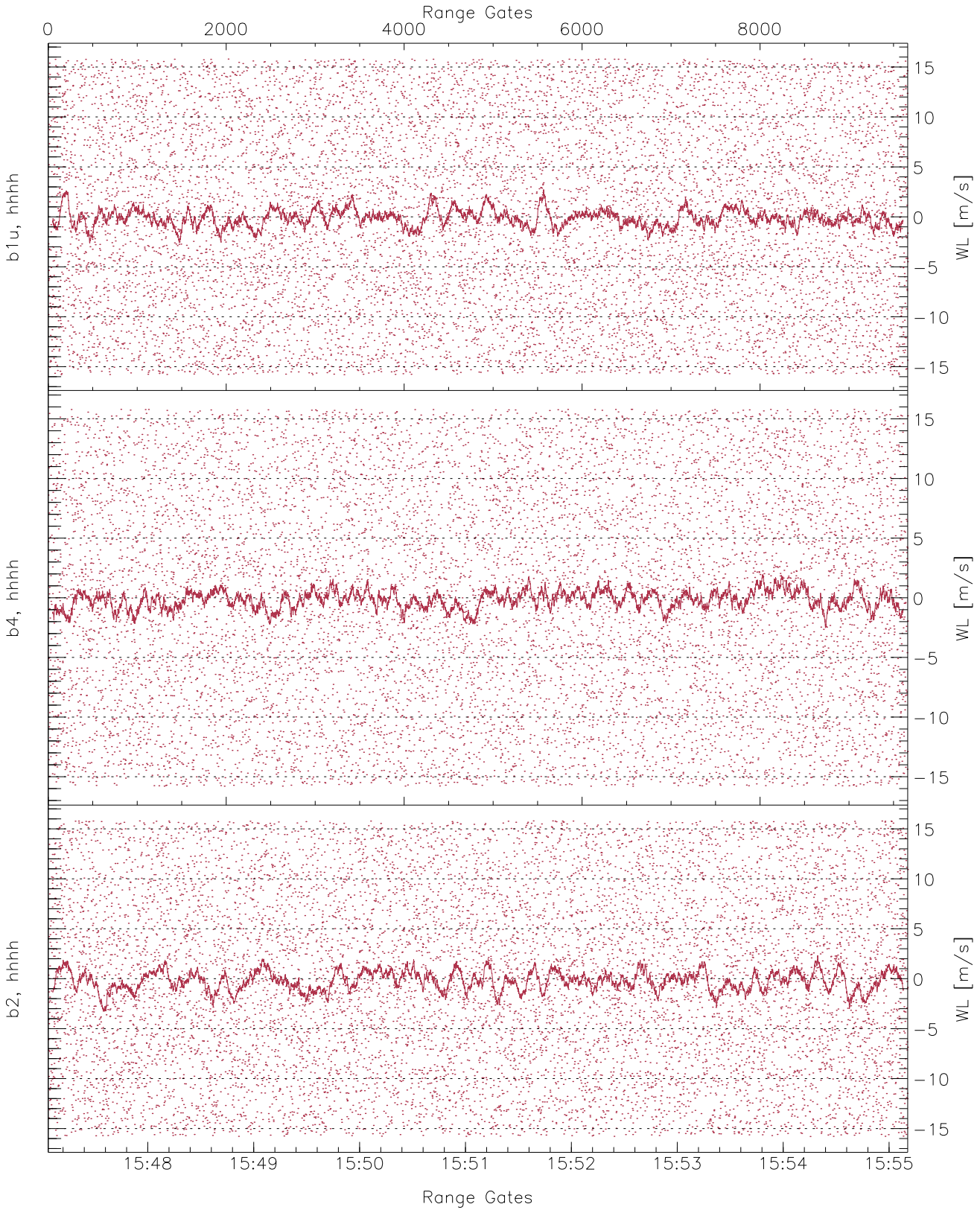
	Min	Max	Mean	Median	StDev
H1RG75_0 [dBm]	-63.60	-61.65	-62.53	-62.54	-75.06
H2RG162_0 [dBm]	-62.89	-61.23	-62.03	-62.03	-74.61
V2RM_0 [dBm]	-63.52	-61.76	-62.63	-62.64	-75.18



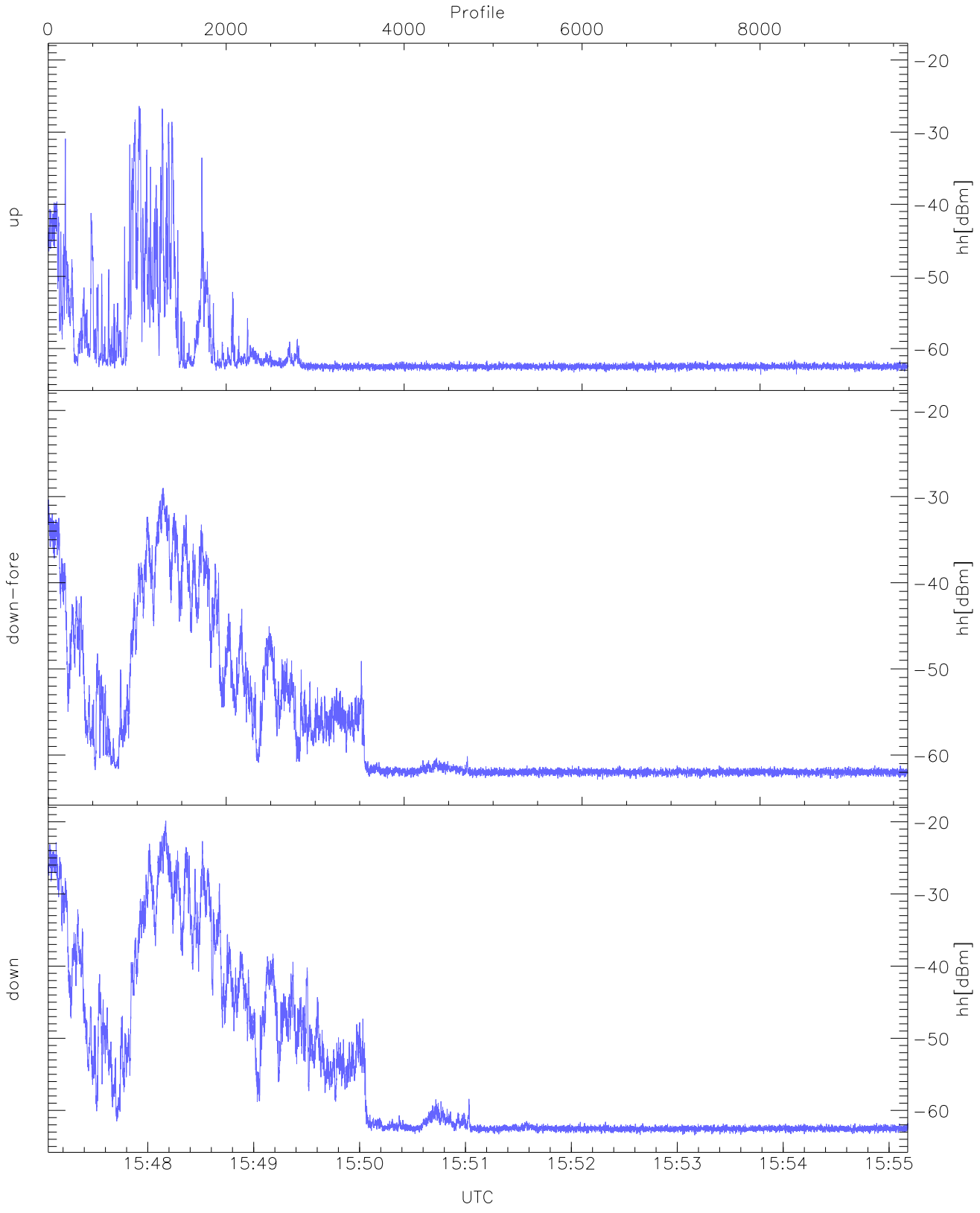
WCR2 CPP Averaged Received power for all recorded gates
blue: 154704-155107, 4831 profiles averaged
red: 155107-155511, 4831 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 154704-155107, 4831 profiles averaged
red: 155107-155511, 4831 profiles averaged

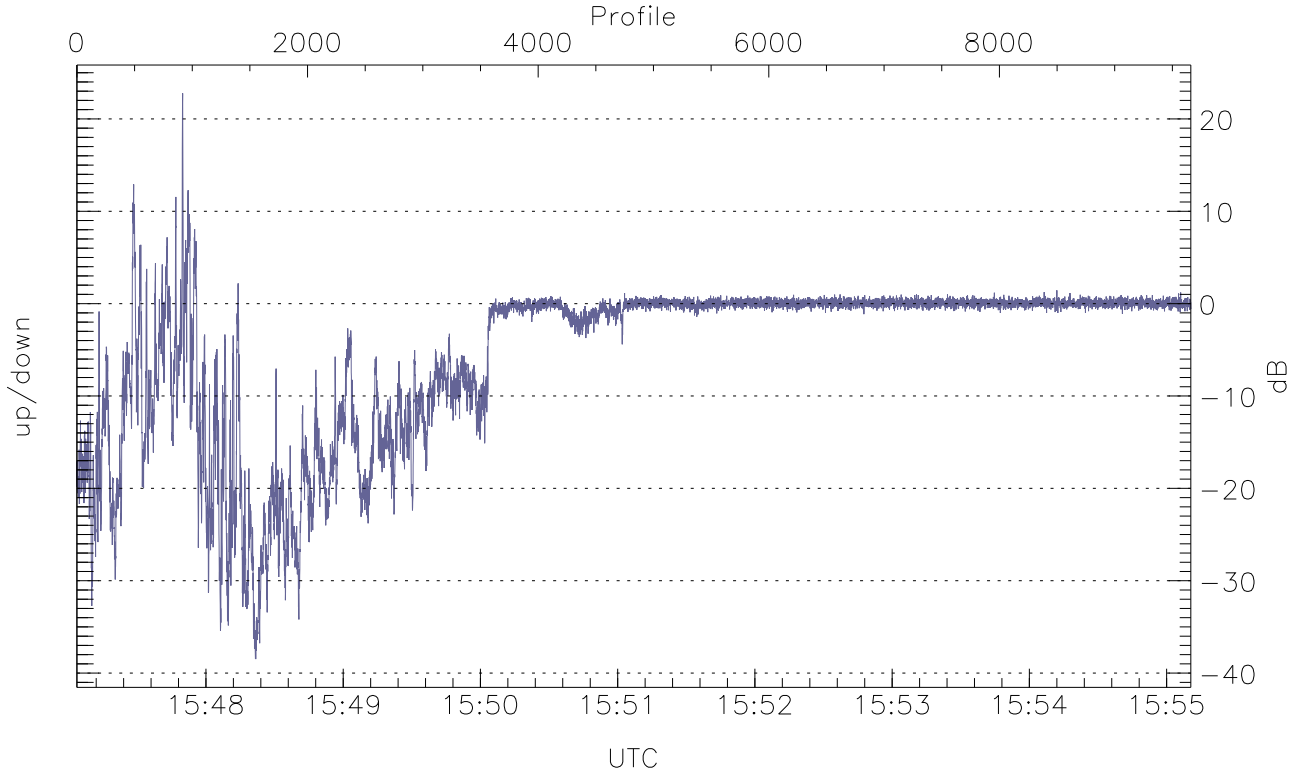


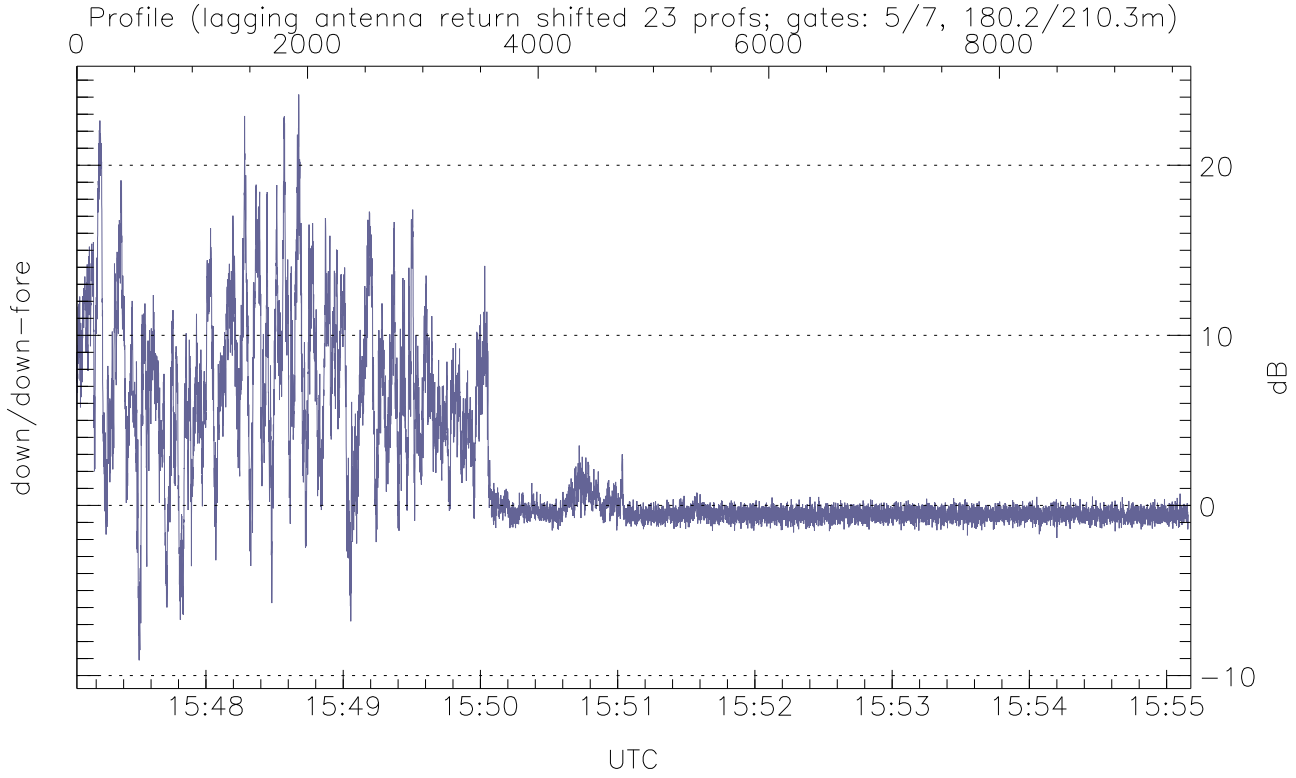
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

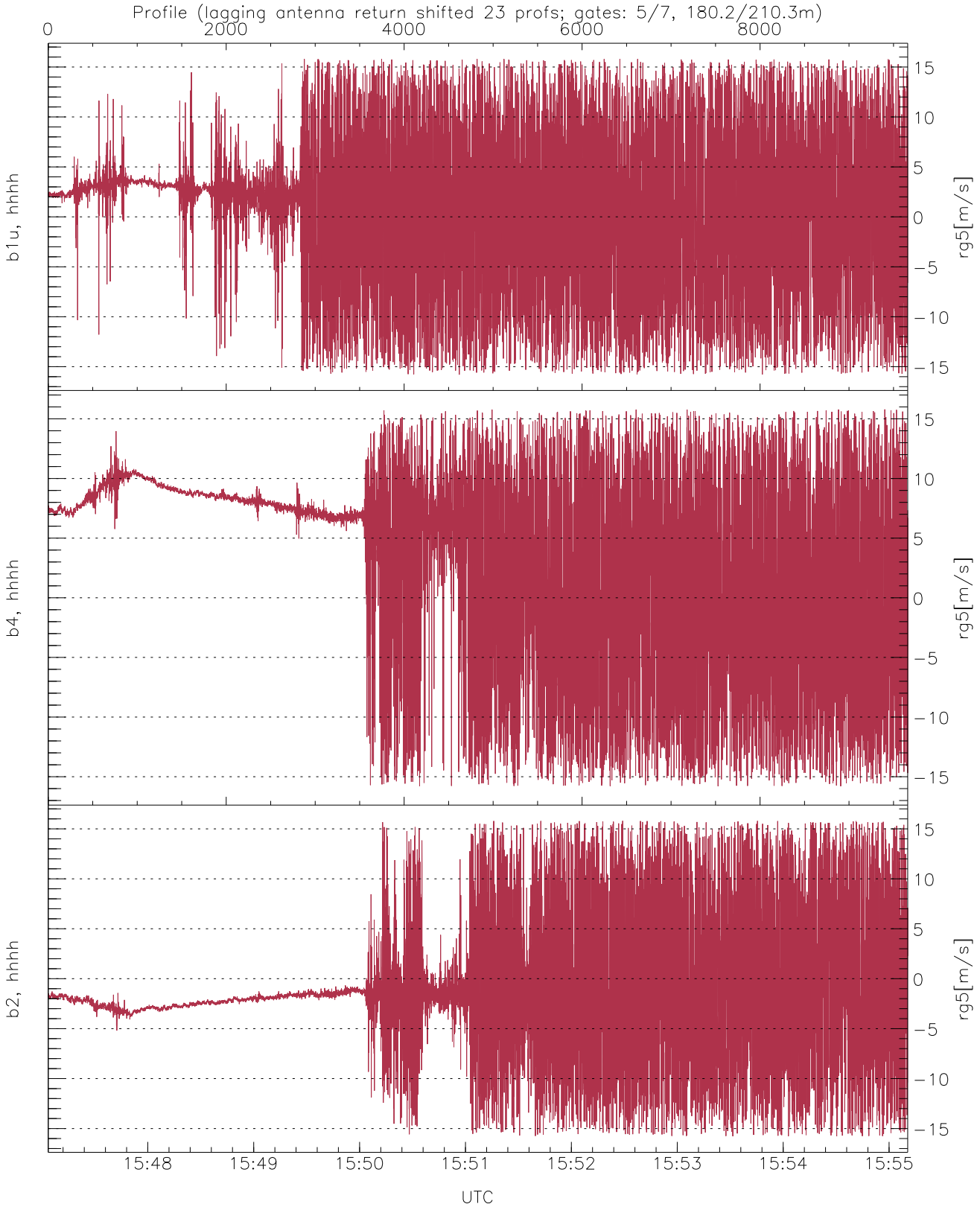
	Min	Max	Mean
up(hh[dBm])	-63.62	-26.40	-48.93
down-fore(hh[dBm])	-62.82	-29.02	-45.22
down(hh[dBm])	-63.43	-19.87	-37.07





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

	Min	Max	Mean
up/down(dB)	-38.48	22.77	-5.43
down/down-fore(dB)	-9.10	24.16	2.42



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.79	15.79	0.69	7.55
b4, hhhh(rg5[m/s])	-15.80	15.80	3.39	7.93
b2, hhhh(rg5[m/s])	-15.77	15.80	-1.16	6.52