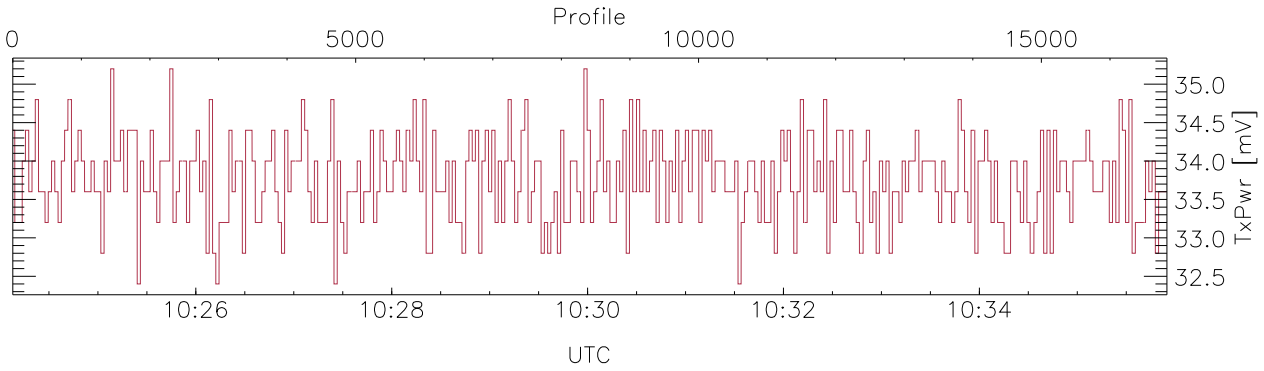
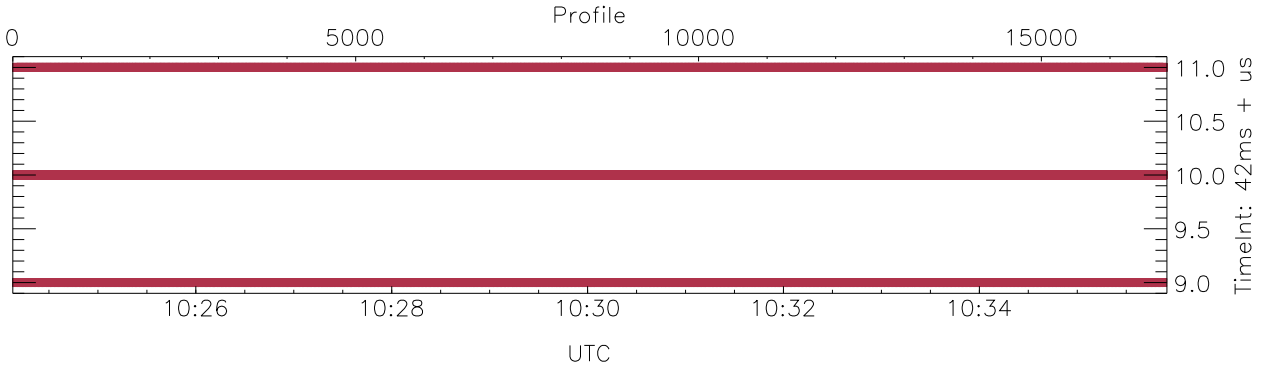
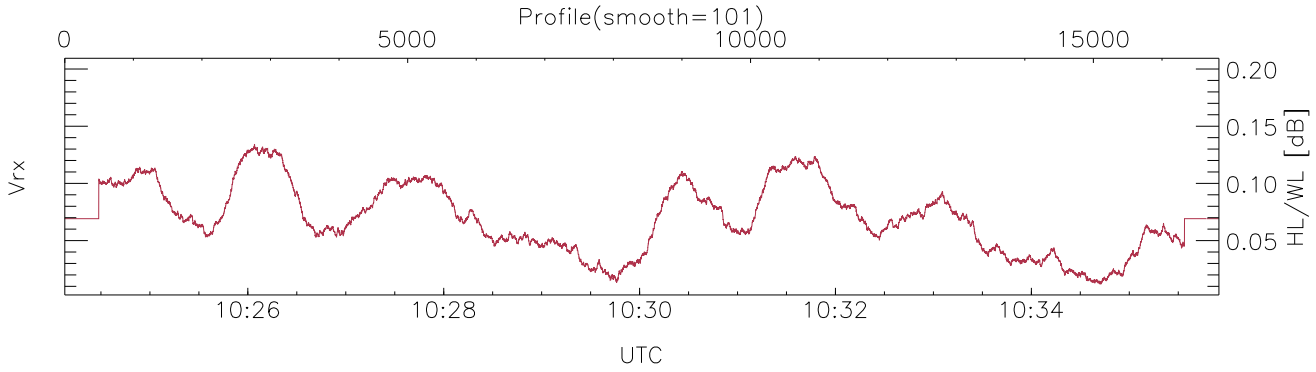
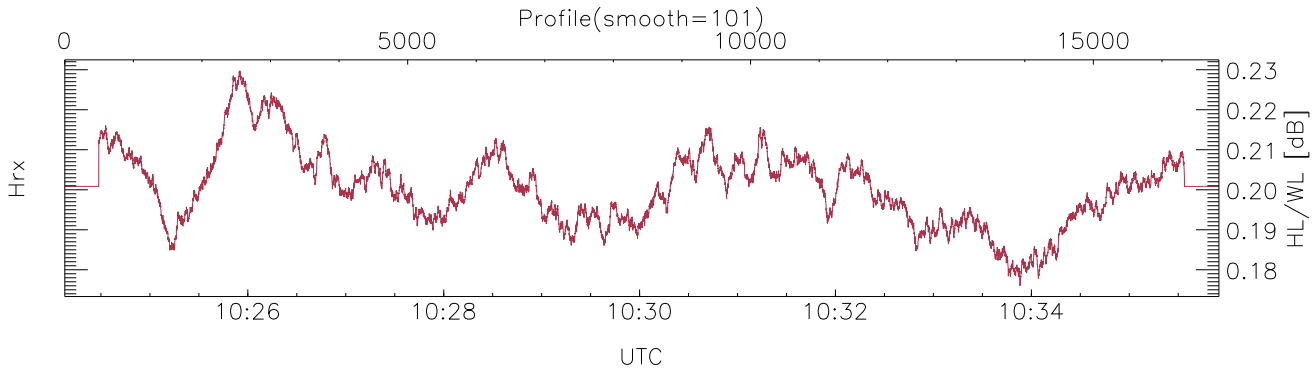


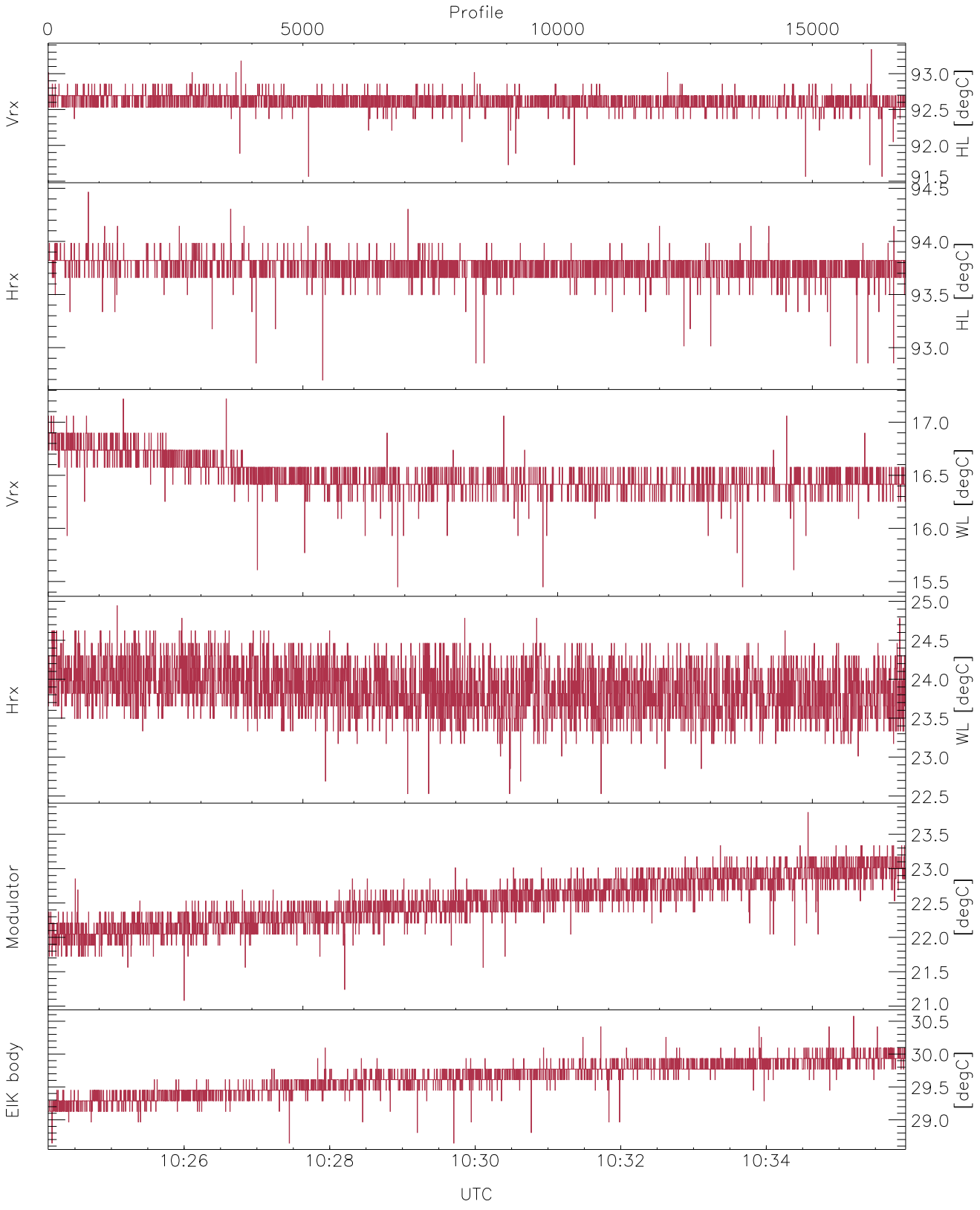






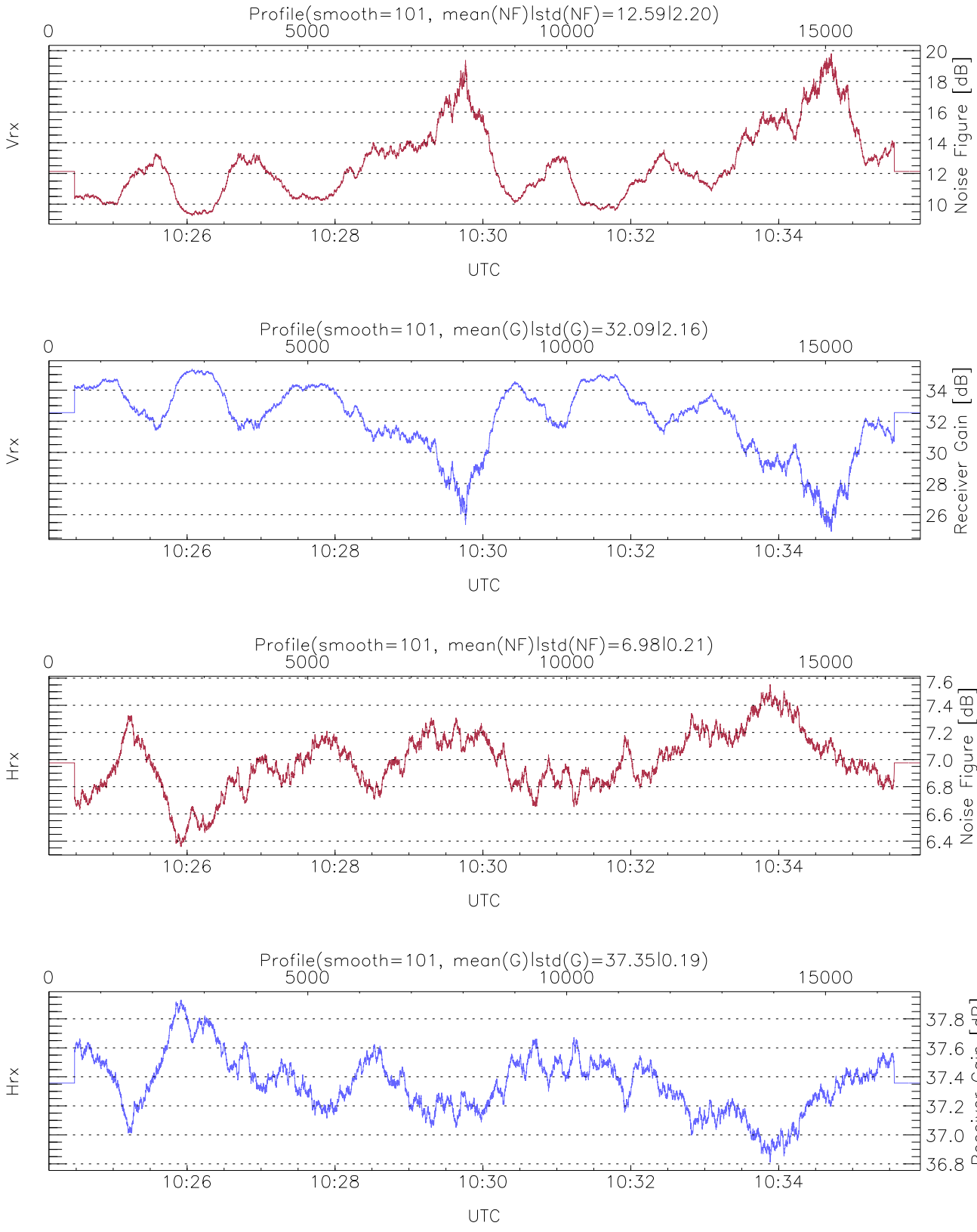
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 10:24:08-10:35:55, Dur: 707.08s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 42.0,42.0,42.0,0.0 ms / 24,24,24
NumRec(r/t): 16832/16832, 0-16831/10:24:08-10:35:55
AcqTime: 42.0ms, Rate: 377KB/s, Averages: 140
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): 105,6187,15.0 m, Gates: 406, Aspect: 4.0
Mirror(-9|0|1|2,3,9x)=no mirror|sideluplerror): 1



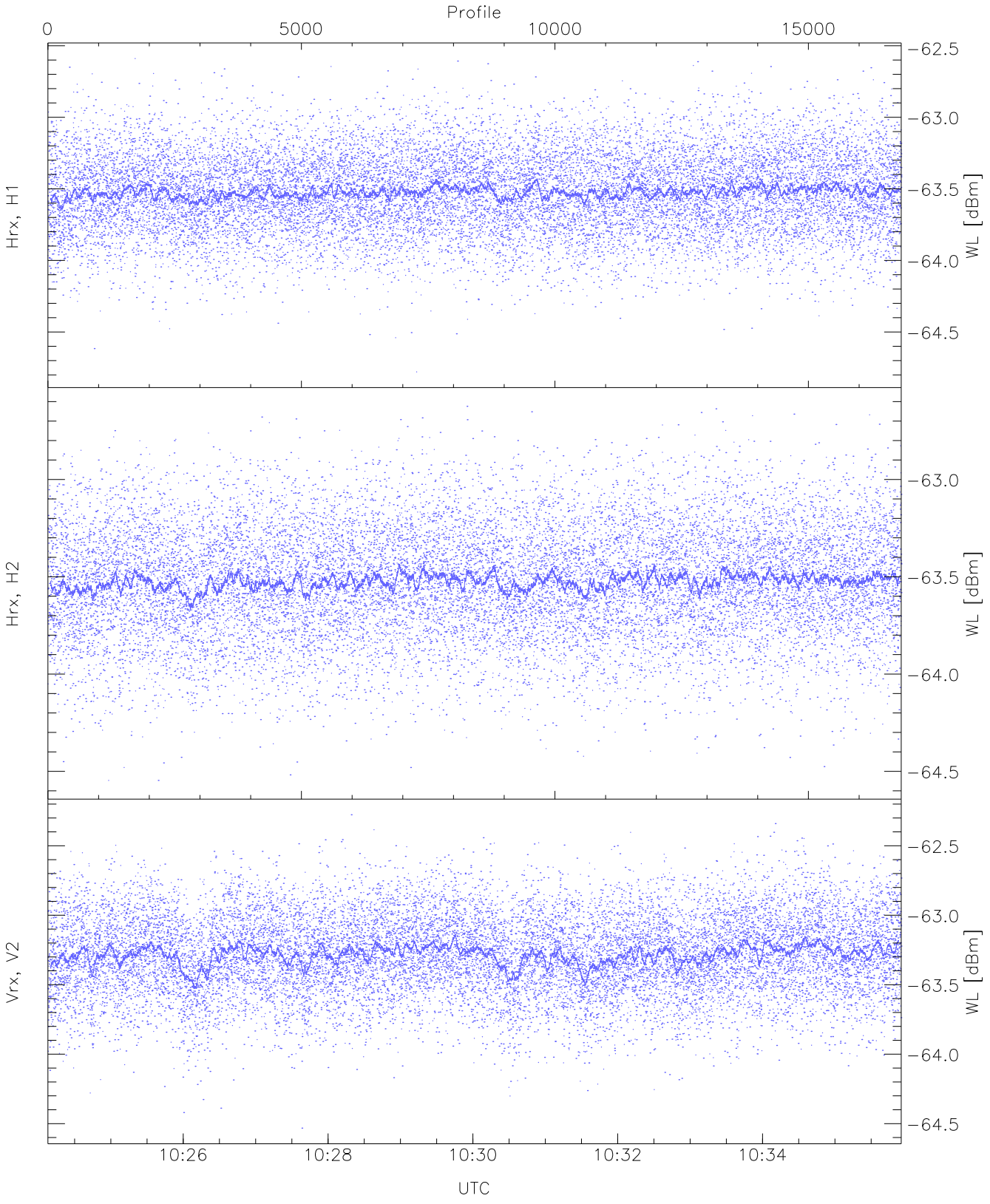
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,15,22,21,28
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,17,24,23,30
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK/Modulator Faults: None



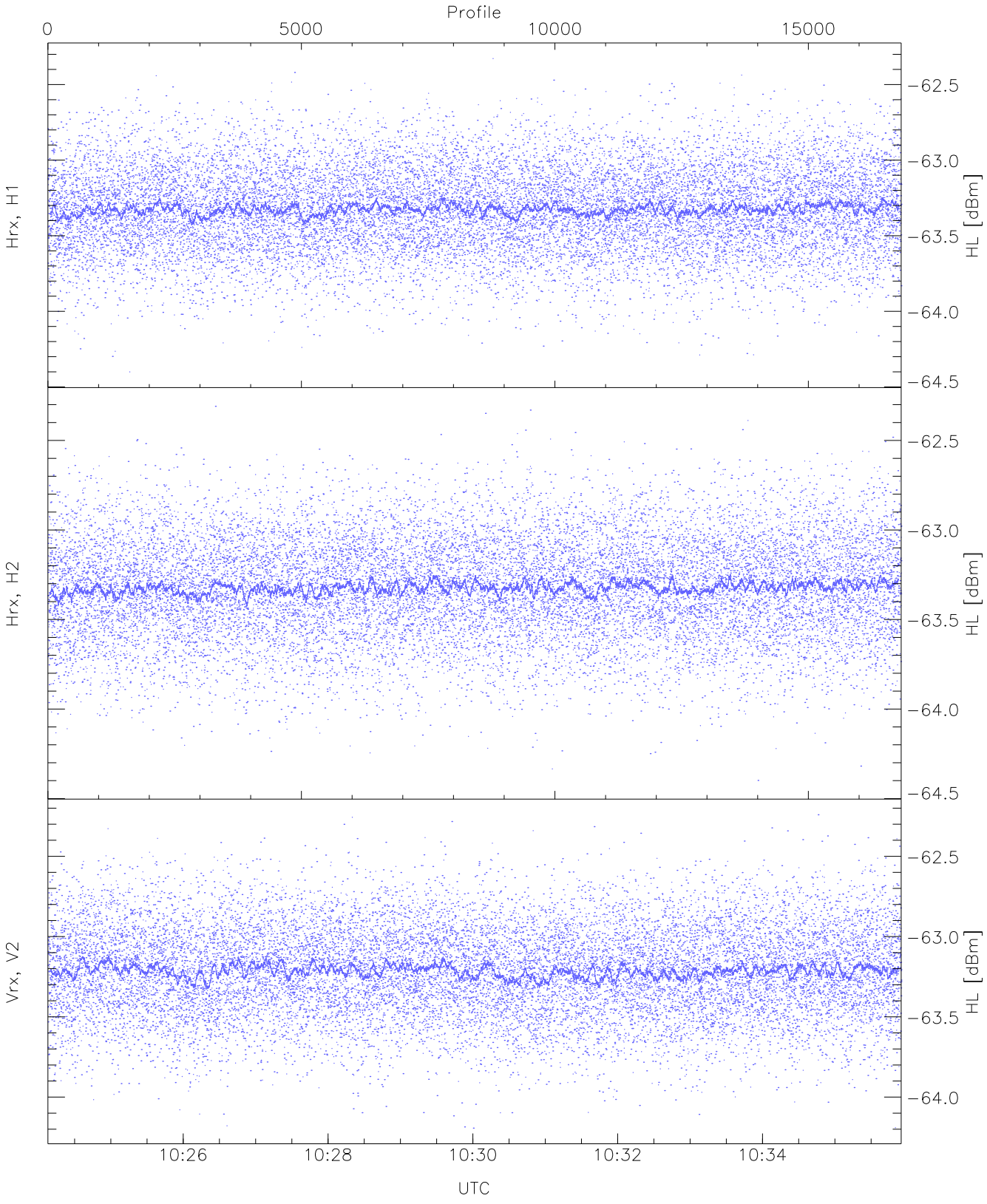
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 2046 pixs, 5 gates, 1971 profs, 1 prods



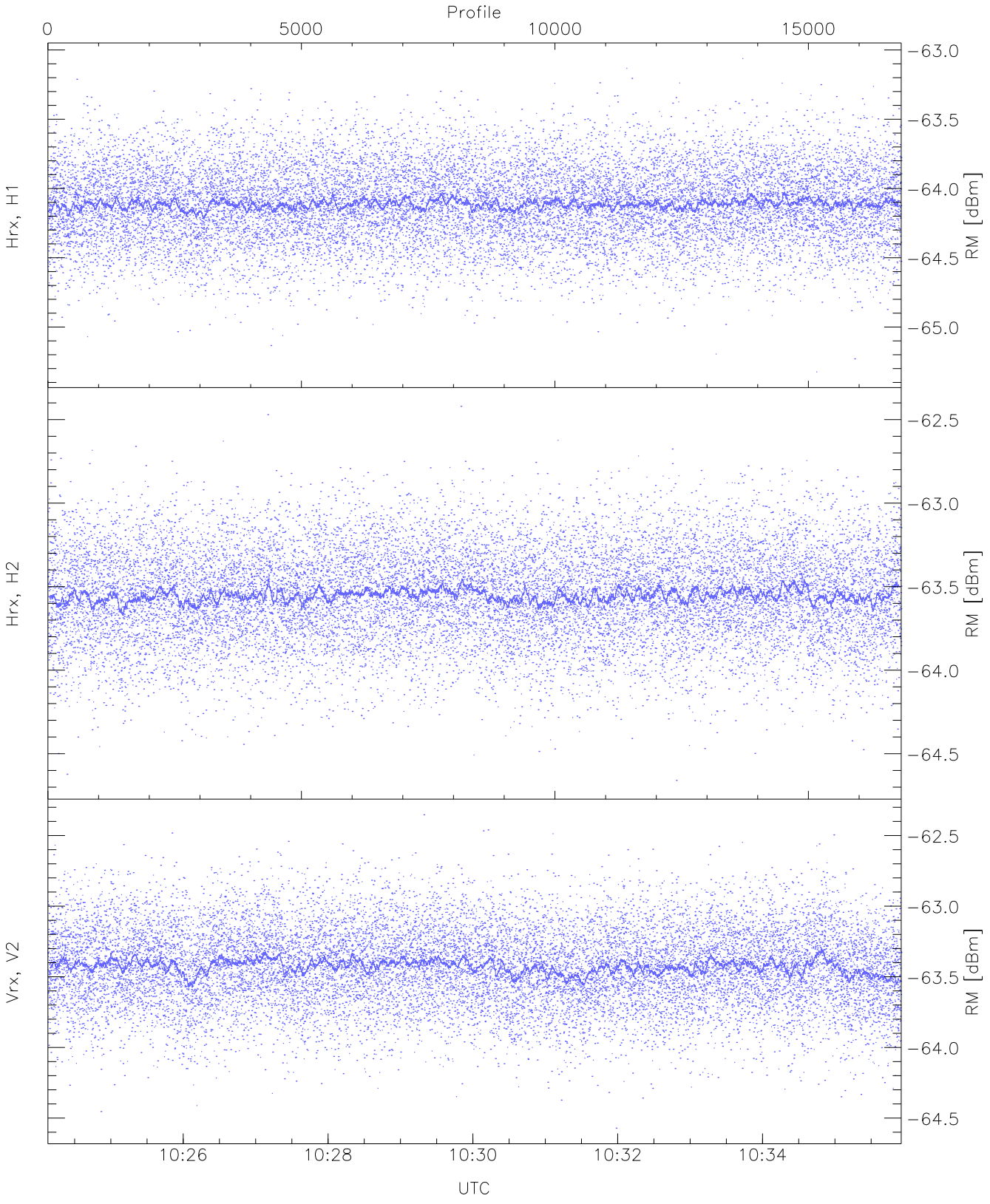
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-64.78	-62.59	-63.52	-63.53	-75.66
Hrx, H2(WL [dBm])	-64.55	-62.62	-63.52	-63.53	-75.64
Vrx, V2(WL [dBm])	-64.53	-62.28	-63.28	-63.29	-75.28



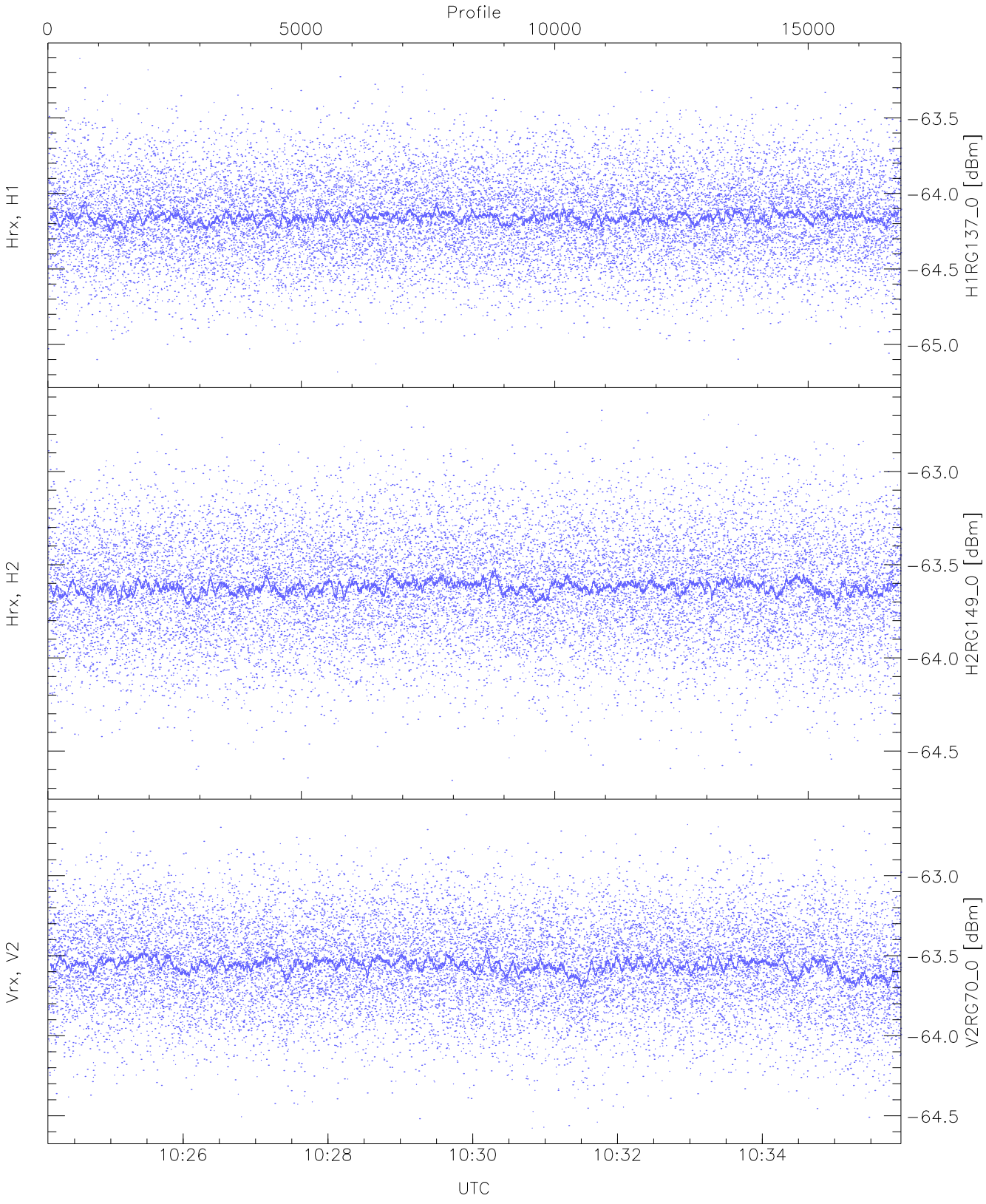
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-64.40	-62.33	-63.32	-63.33	-75.43
Hrx, H2(HL [dBm])	-64.40	-62.31	-63.32	-63.32	-75.43
Vrx, V2(HL [dBm])	-64.19	-62.24	-63.21	-63.21	-75.32



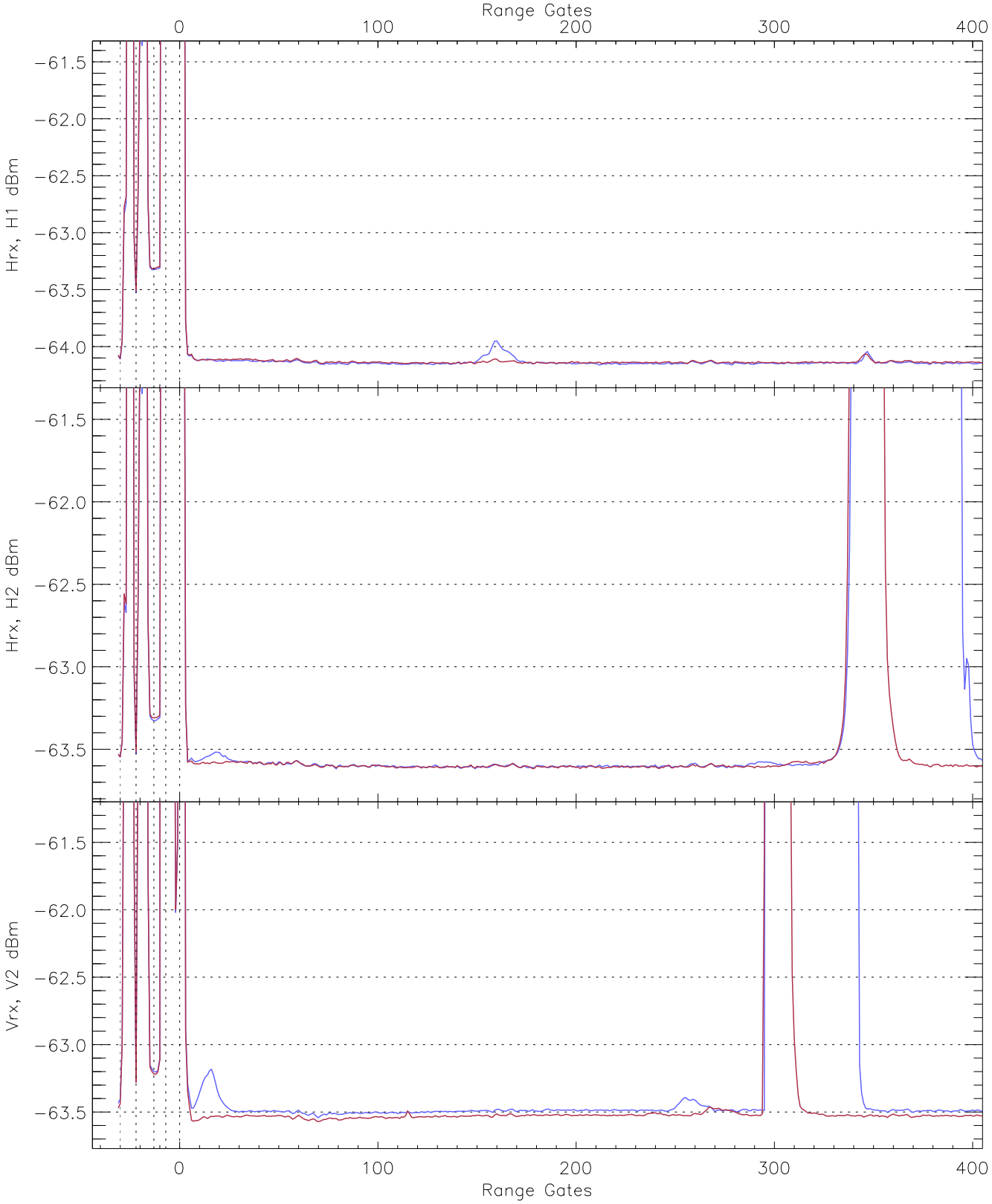
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-65.32	-63.06	-64.11	-64.11	-76.26
Hrx, H2(RM [dBm])	-64.66	-62.42	-63.55	-63.55	-75.66
Vrx, V2(RM [dBm])	-64.57	-62.35	-63.42	-63.43	-75.50

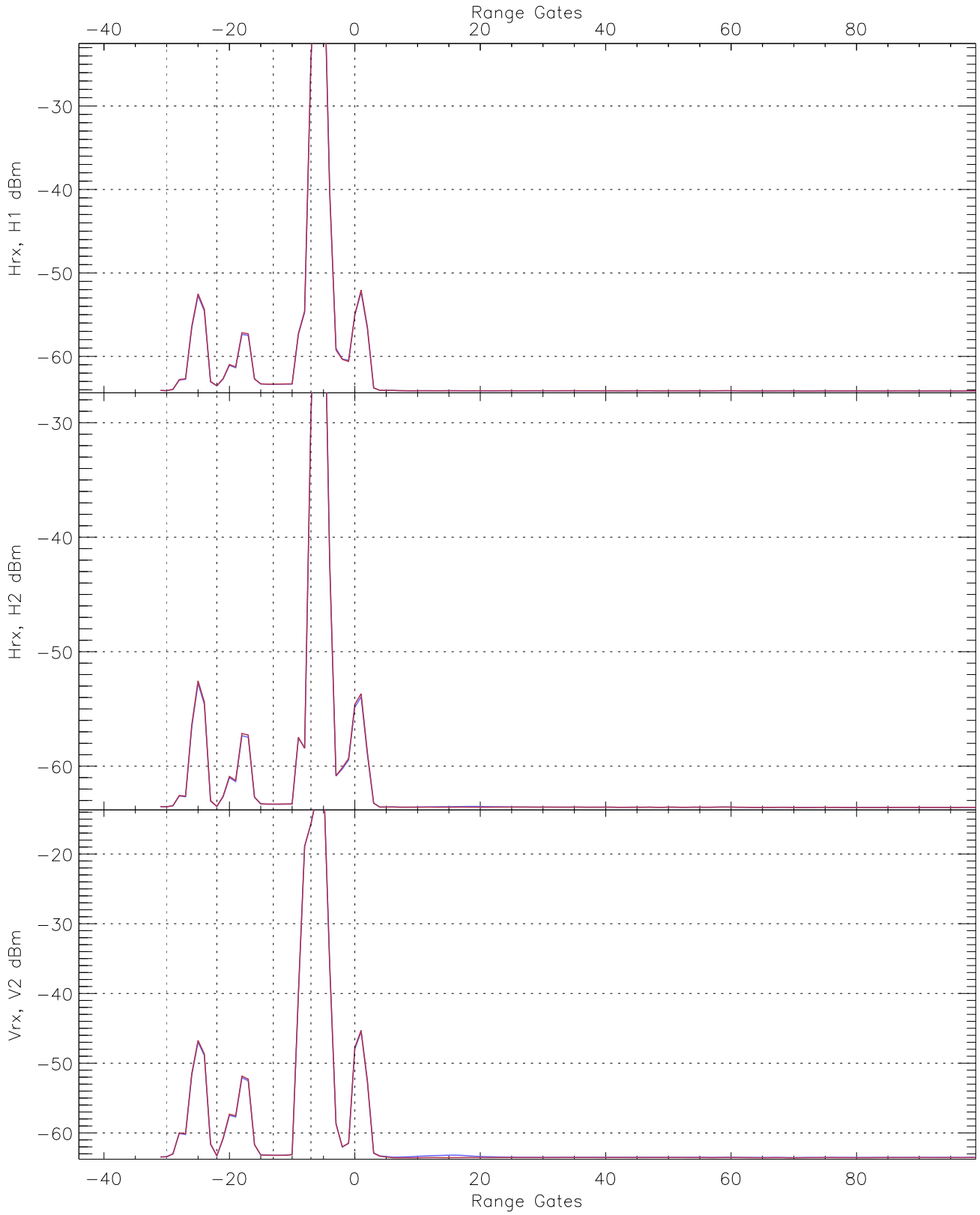


WCR2 CPP "Best" estimate Receivers Noise Power

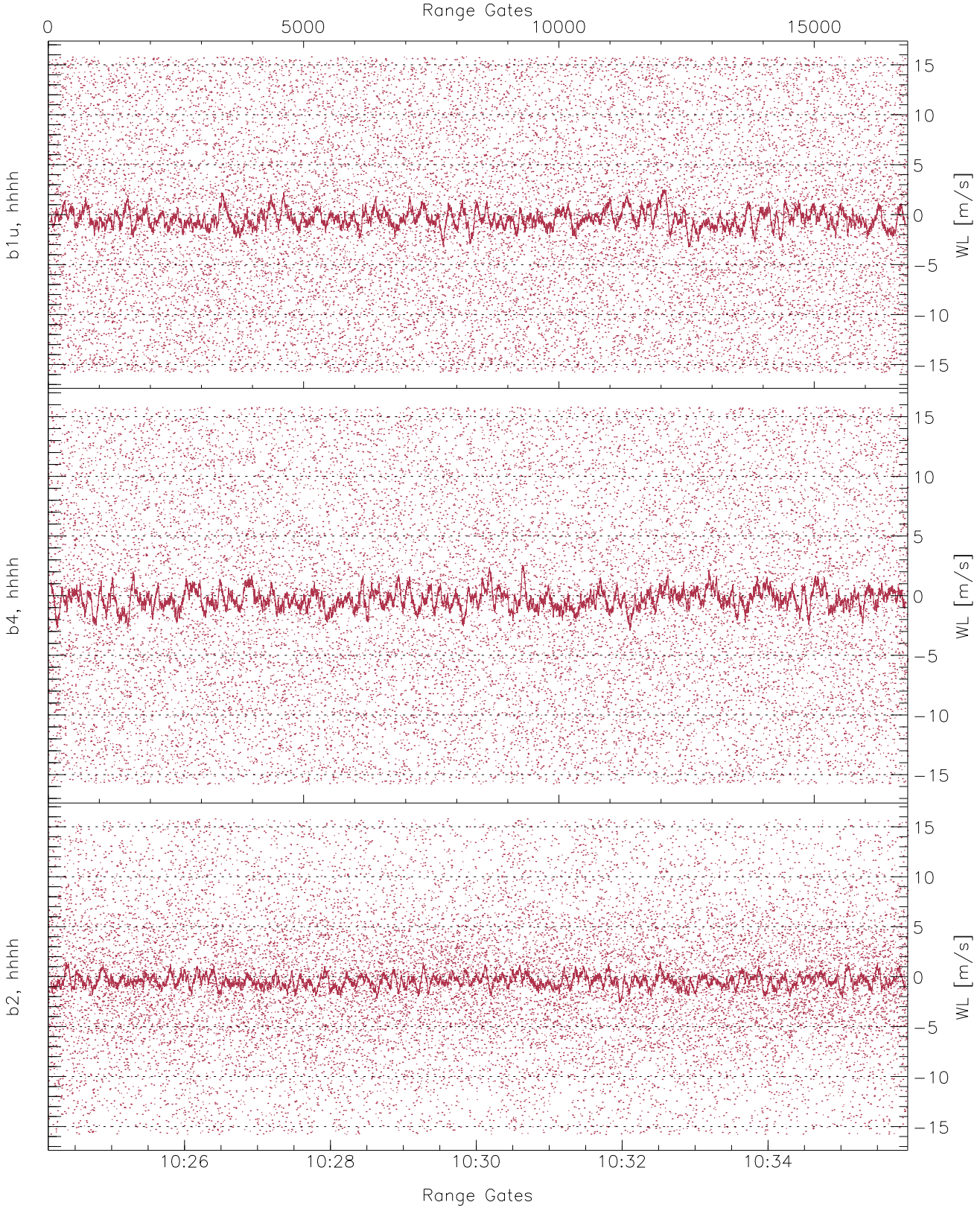
	Min	Max	Mean	Median	StDev
H1RG137_0 [dBm]	-65.18	-63.11	-64.15	-64.16	-76.25
H2RG149_0 [dBm]	-64.66	-62.65	-63.62	-63.62	-75.71
V2RG70_0 [dBm]	-64.58	-62.62	-63.56	-63.56	-75.66



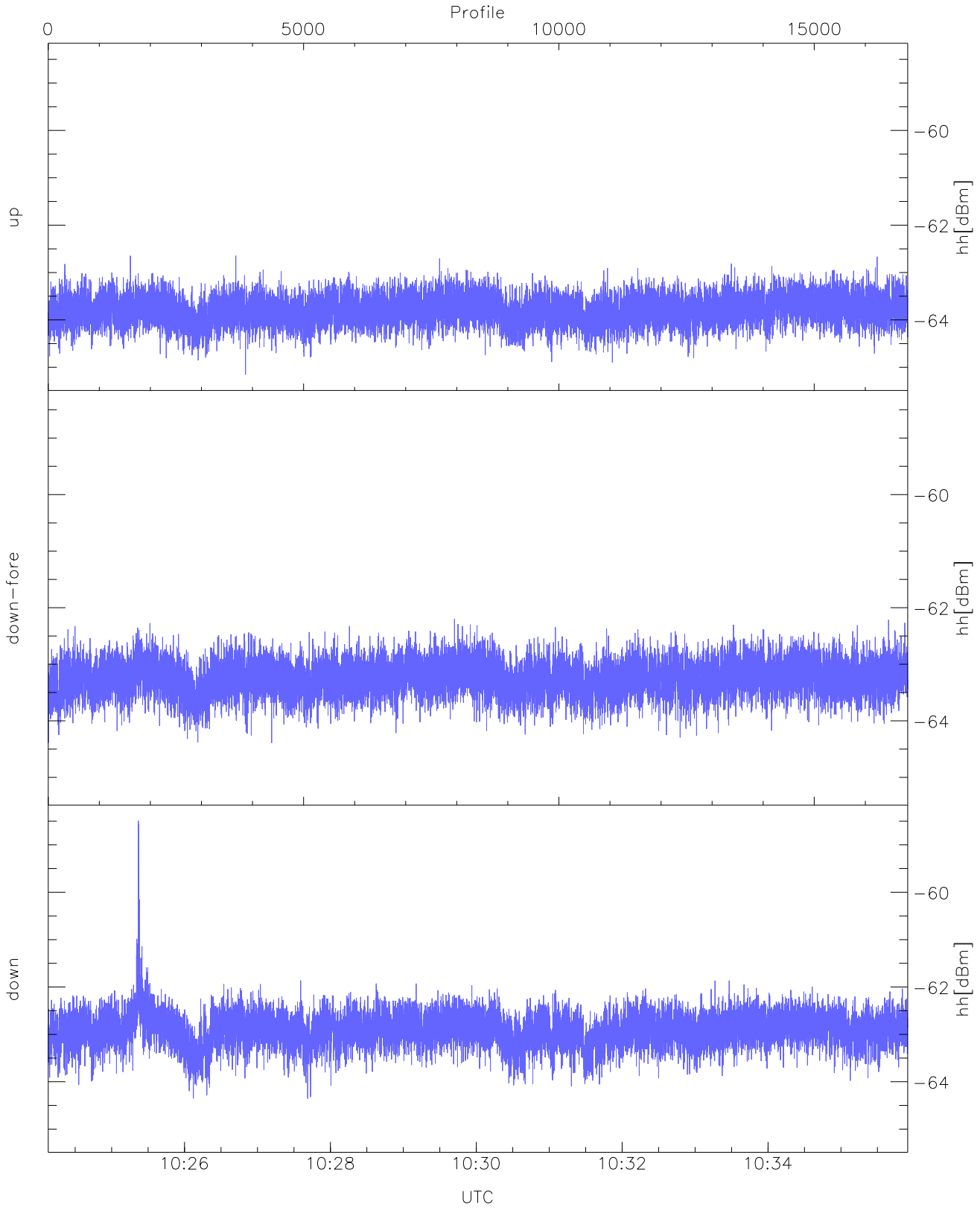
WCR2 CPP Averaged Received power for all recorded gates
blue: 102408-103001, 8417 profiles averaged
red: 103001-103555, 8416 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 102408-103001, 8417 profiles averaged
red: 103001-103555, 8416 profiles averaged

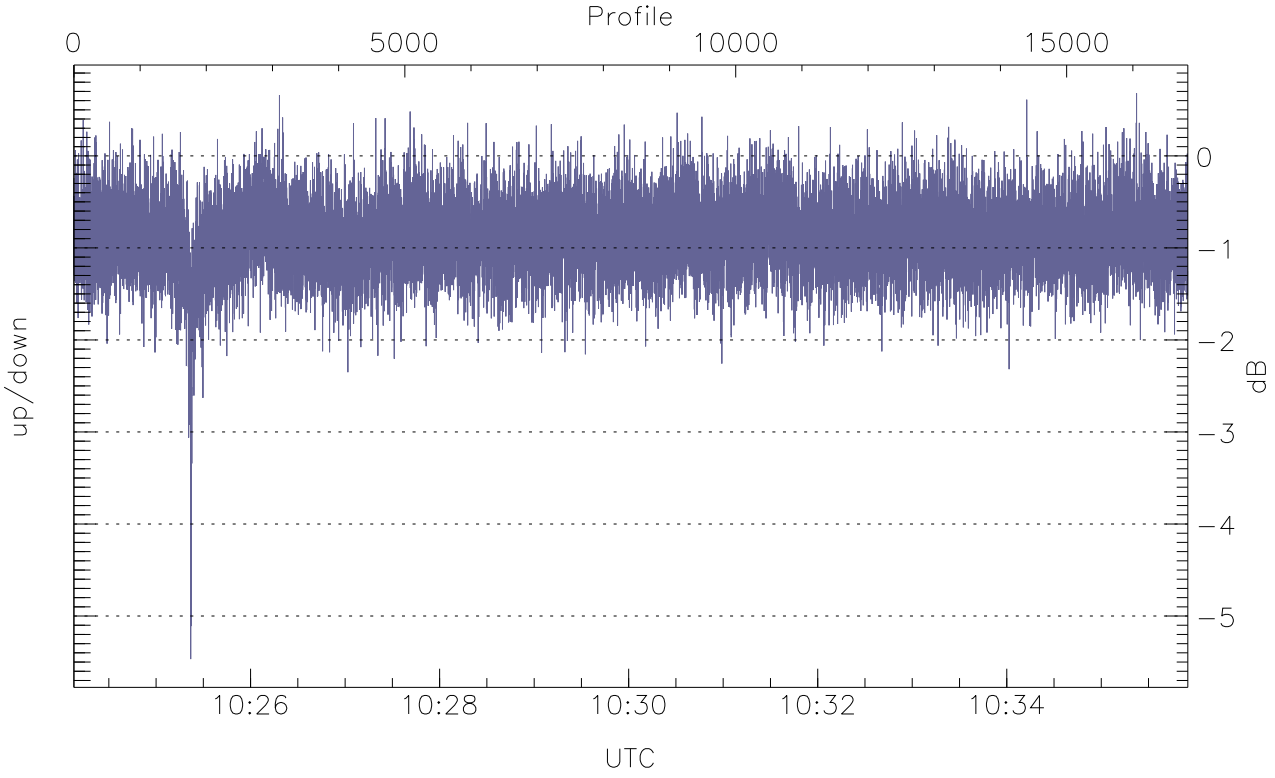


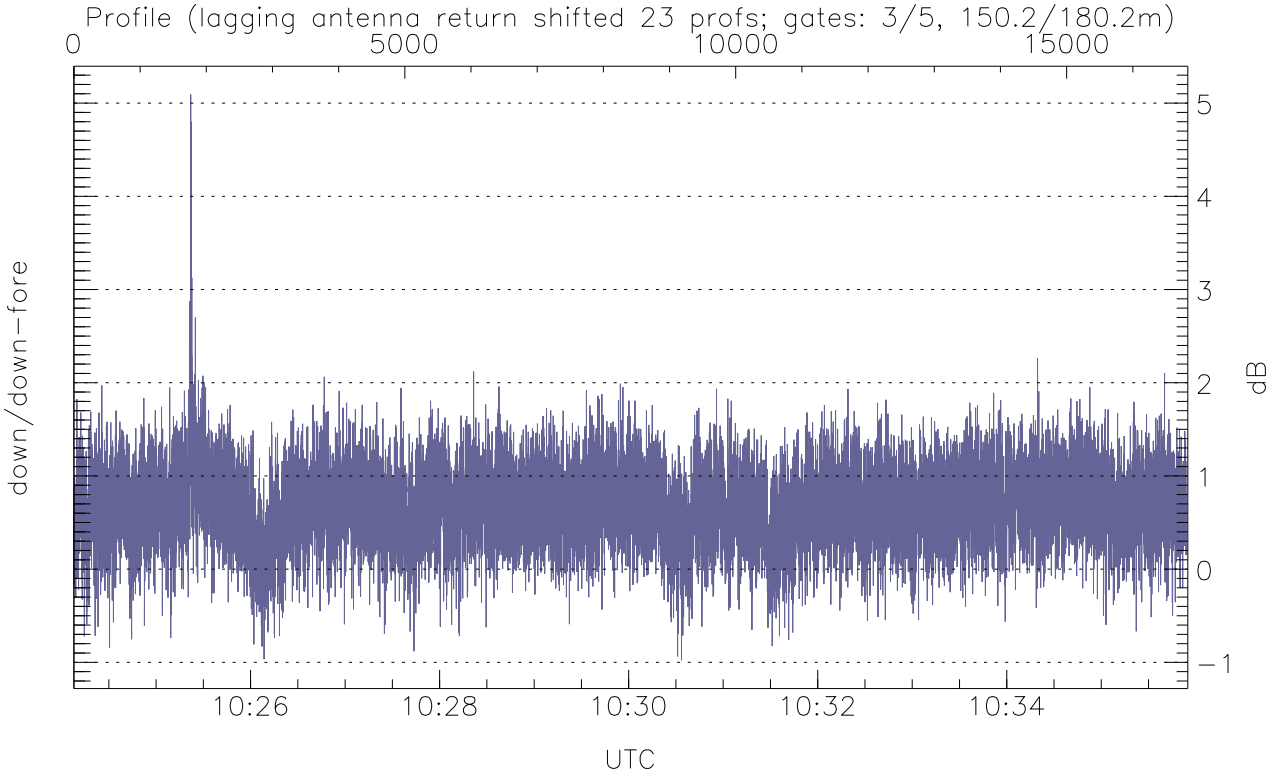
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

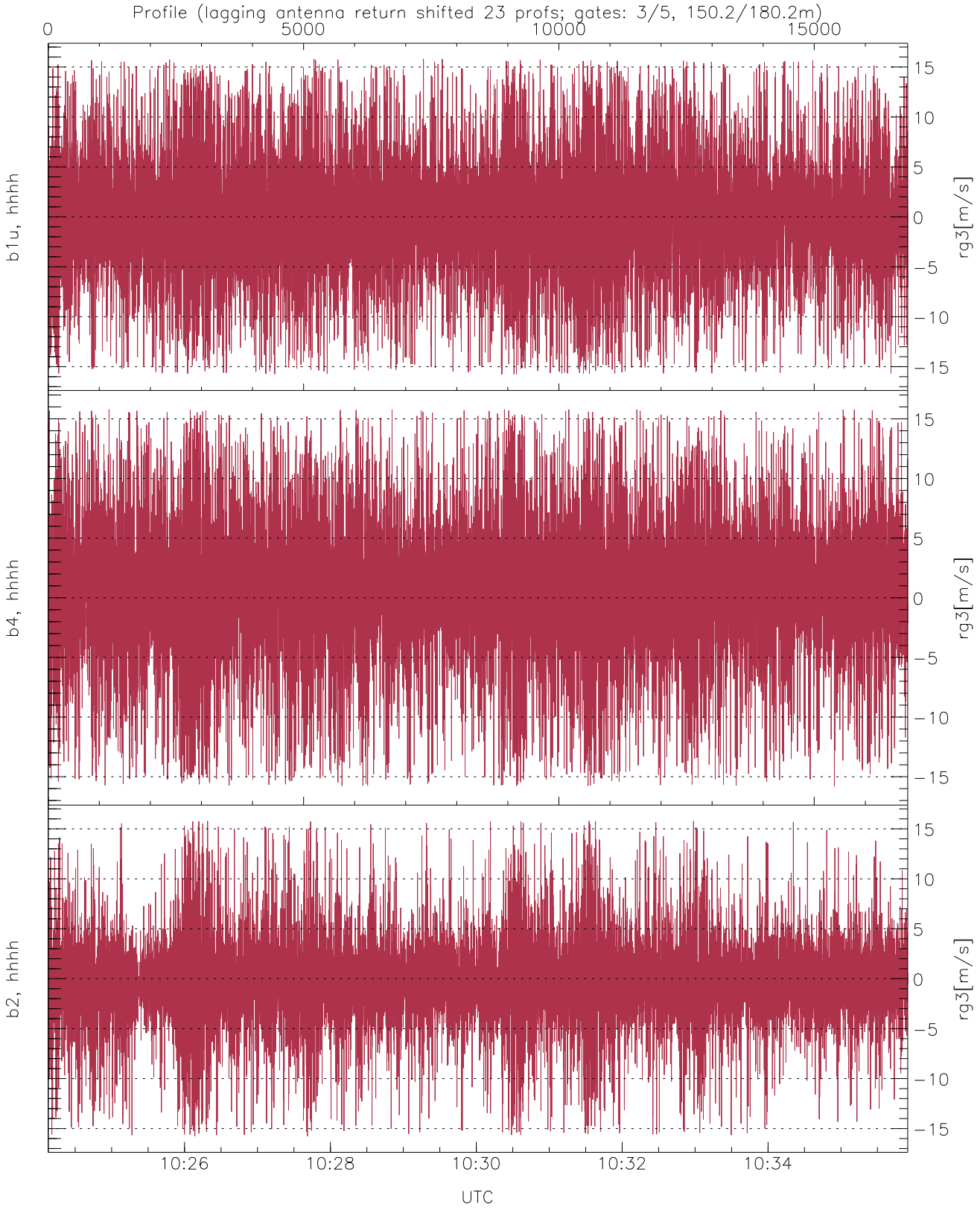
	Min	Max	Mean
up(hh[dBm])	-65.16	-62.65	-63.78
down-fore(hh[dBm])	-64.39	-62.20	-63.24
down(hh[dBm])	-64.36	-58.49	-62.90





WCR2 Beam pairs Received Power Ratio(s)

	Min	Max	Mean
up/down(dB)	-5.47	0.68	-0.88
down/down-fore(dB)	-0.98	5.09	0.67



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.77	15.79	-0.09	5.32
b4, hhhh(rg3[m/s])	-15.80	15.79	0.55	5.23
b2, hhhh(rg3[m/s])	-15.78	15.79	-0.32	4.01