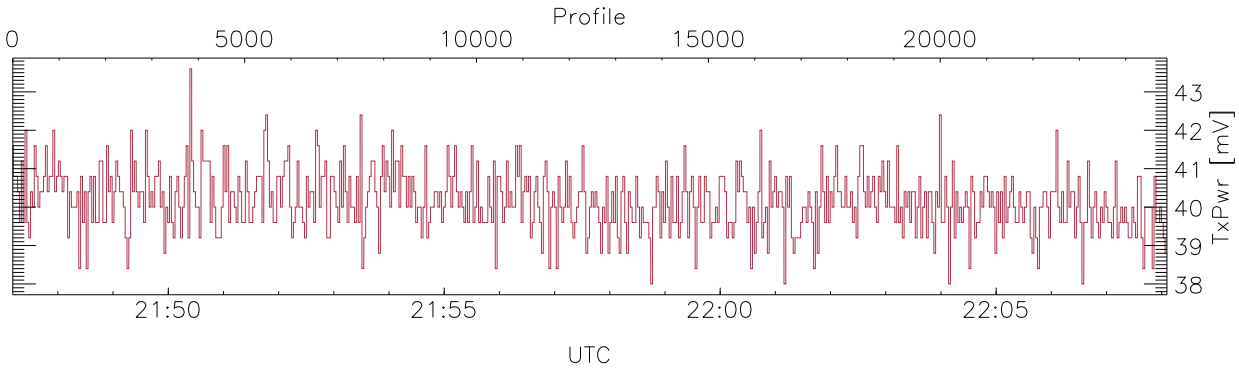
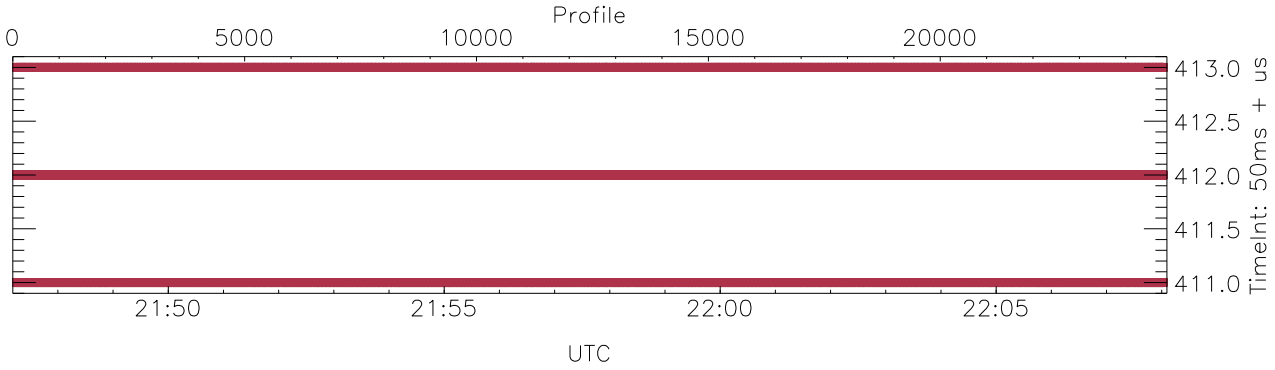
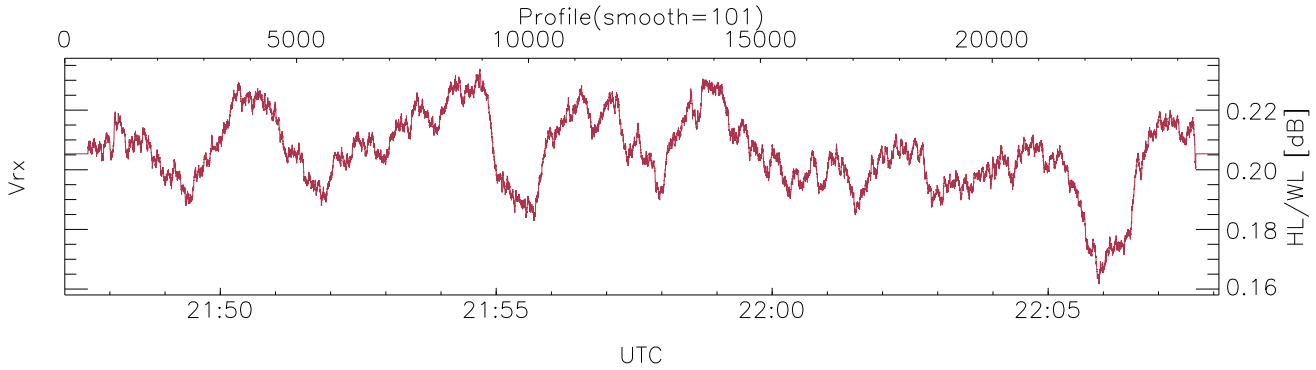
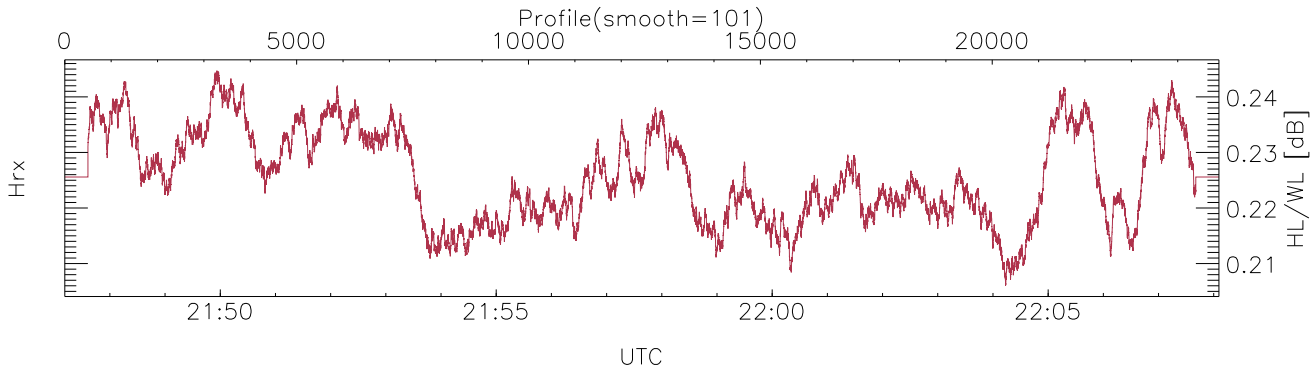


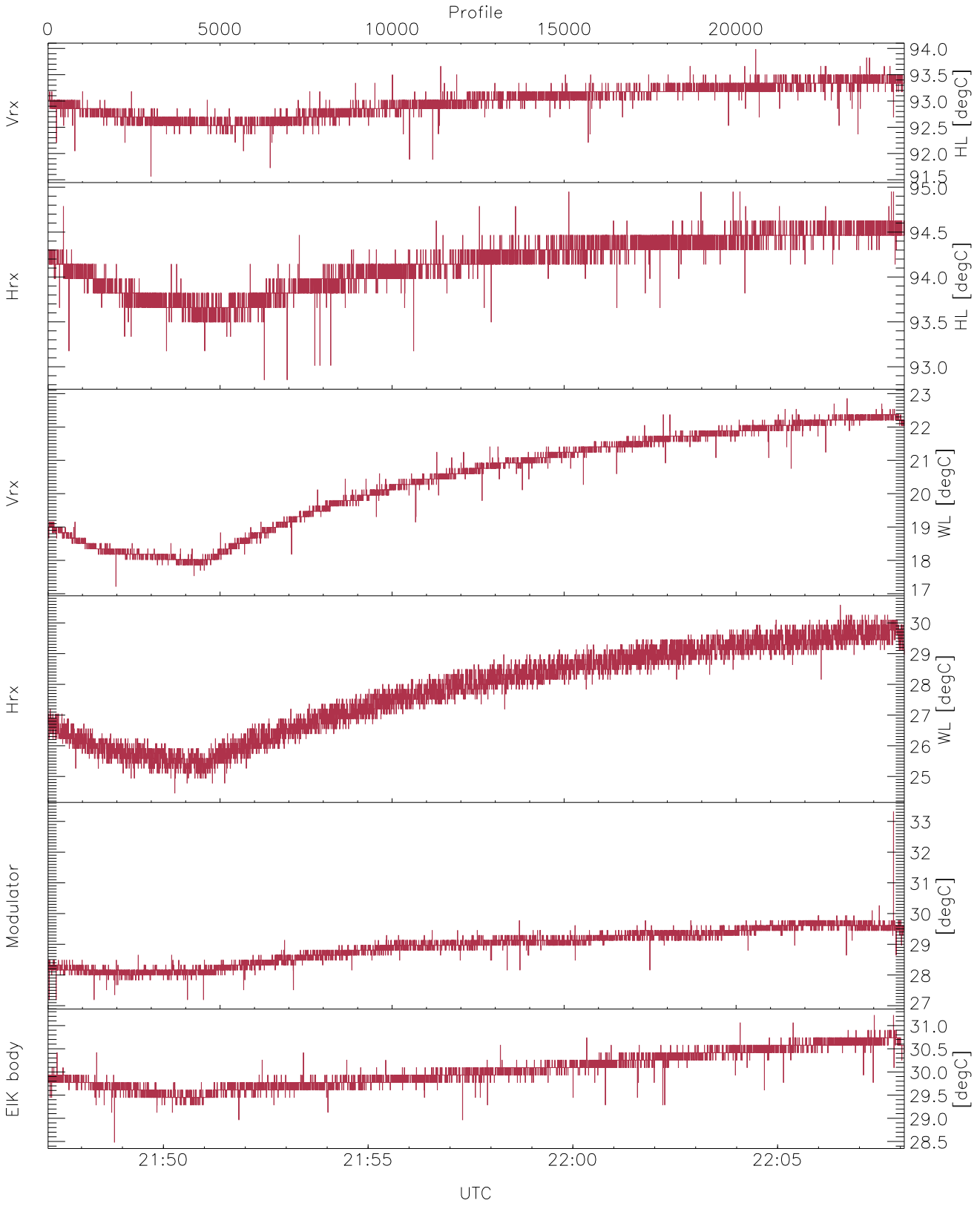






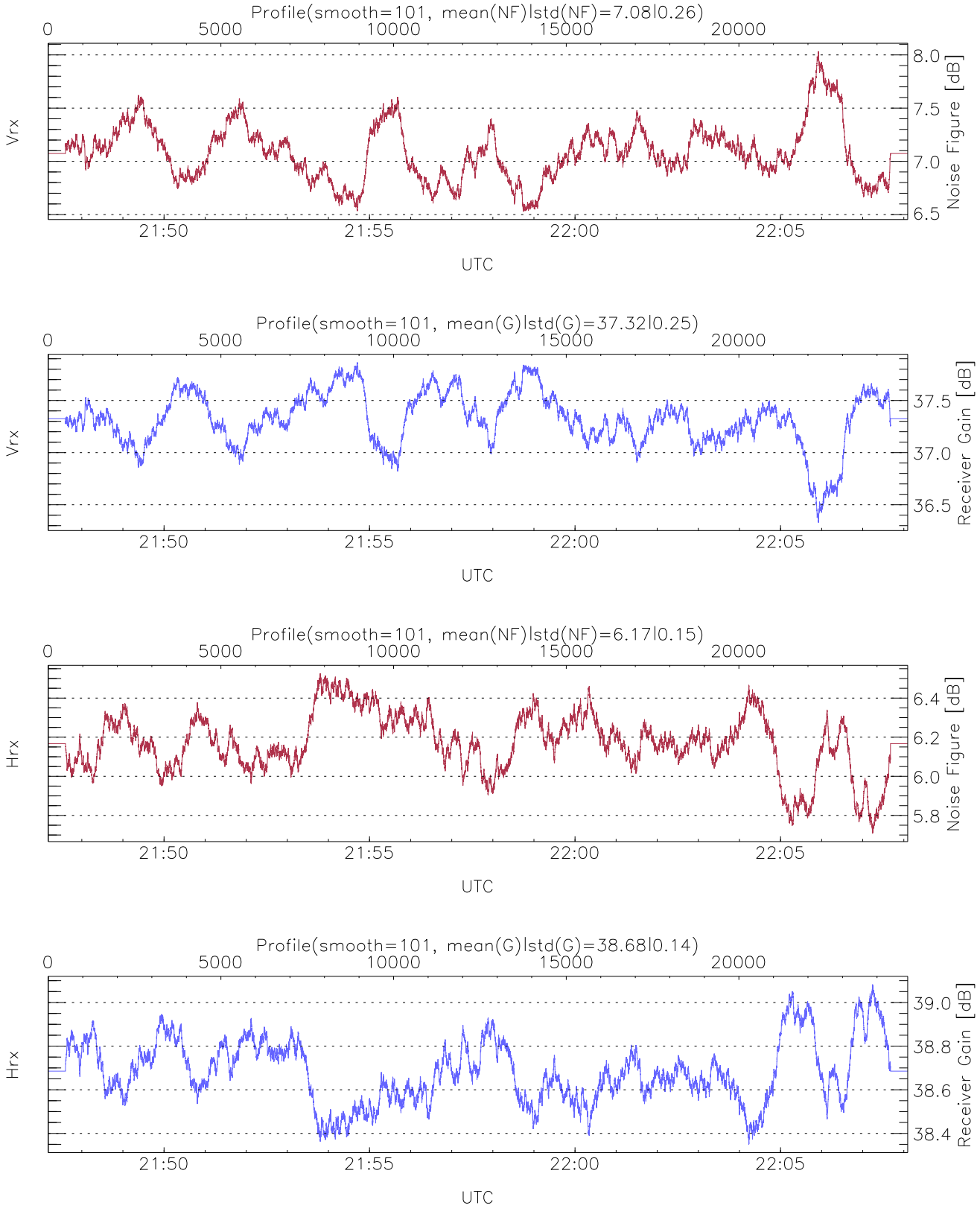
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 21:47:11-22:08:06, Dur: 1254.72s
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): 24890/24890, 0-24889/21:47:11-22:08:06
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



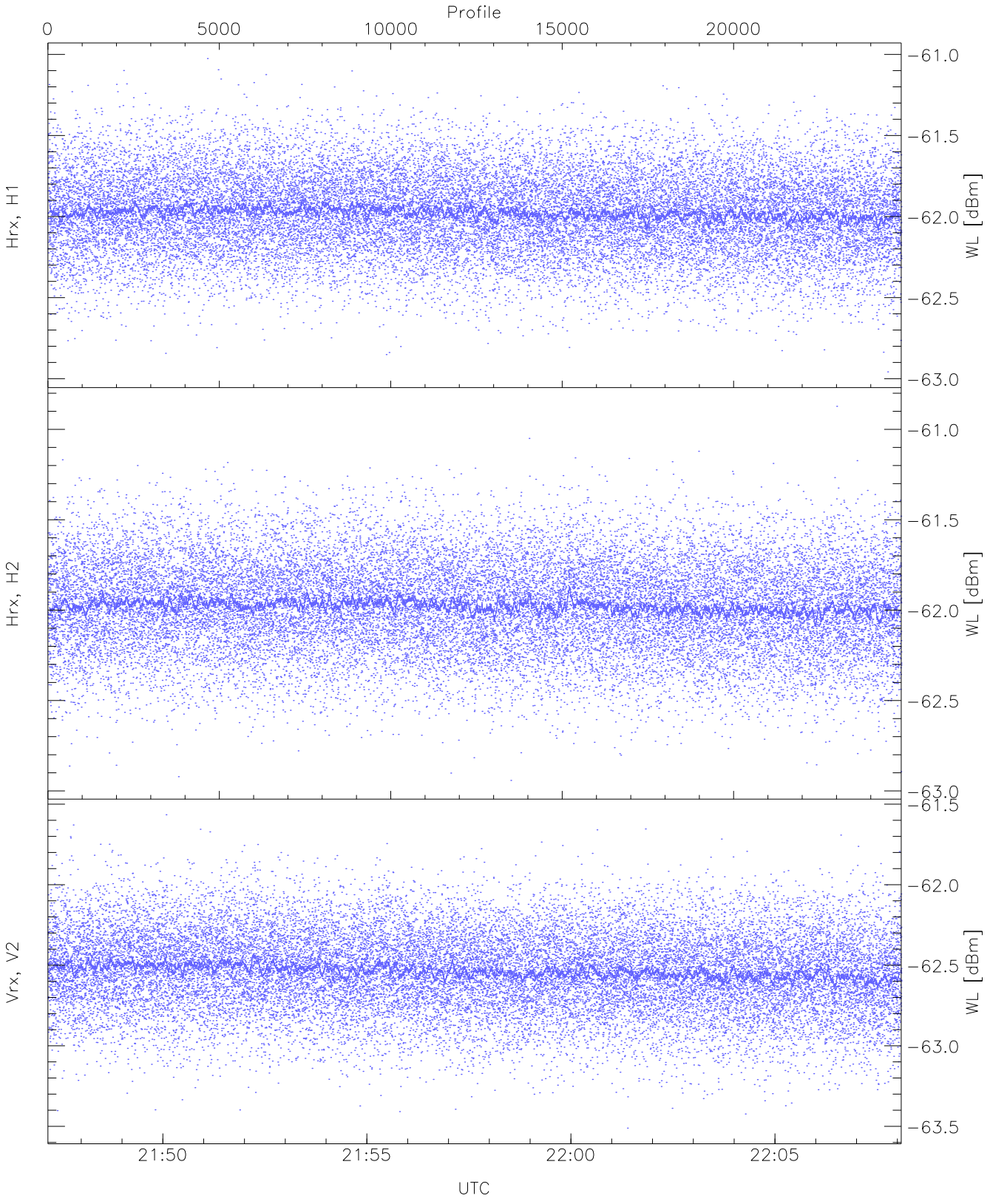
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,17,24,27,28
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,22,30,33,31
LOalarm(20,80,240,2.8,14.8 MHz): 5,0,0,0,0
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (20,20,20,20,20,5)



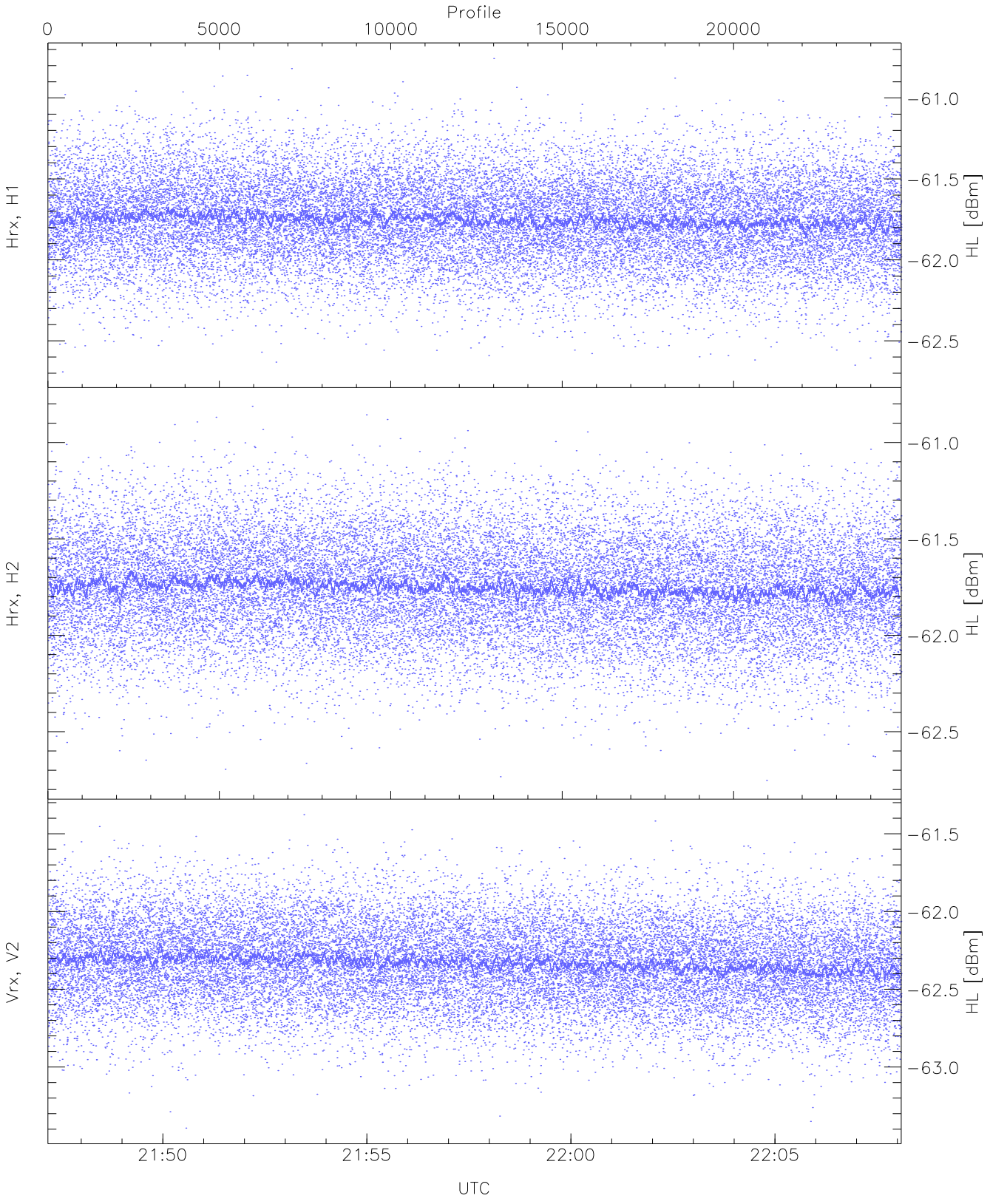
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 16859 pixs, 52 gates, 14164 profs, 2 prods



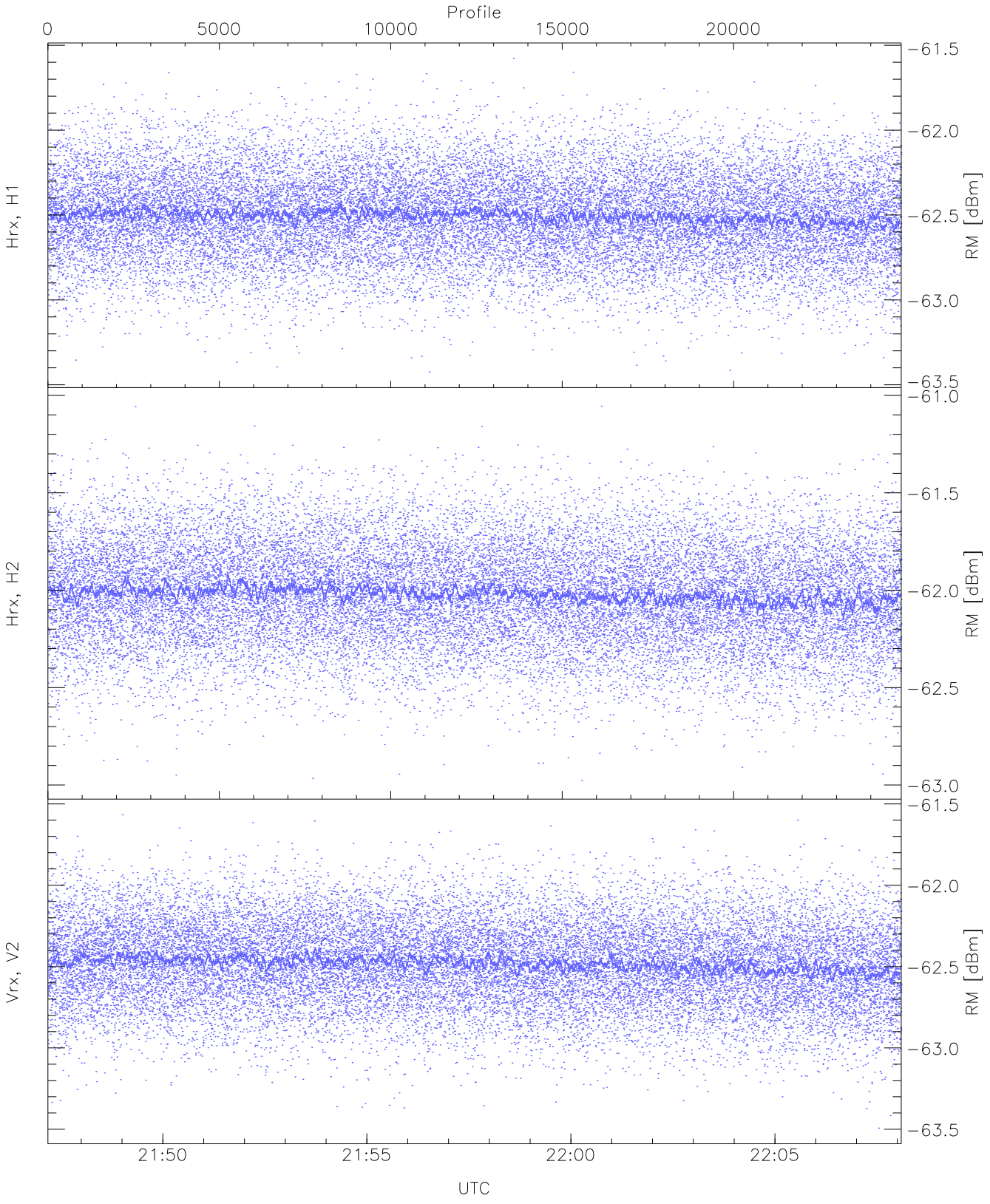
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.96	-61.03	-61.97	-61.98	-74.56
Hrx, H2(WL [dBm])	-62.94	-60.87	-61.97	-61.98	-74.49
Vrx, V2(WL [dBm])	-63.51	-61.57	-62.53	-62.54	-75.10



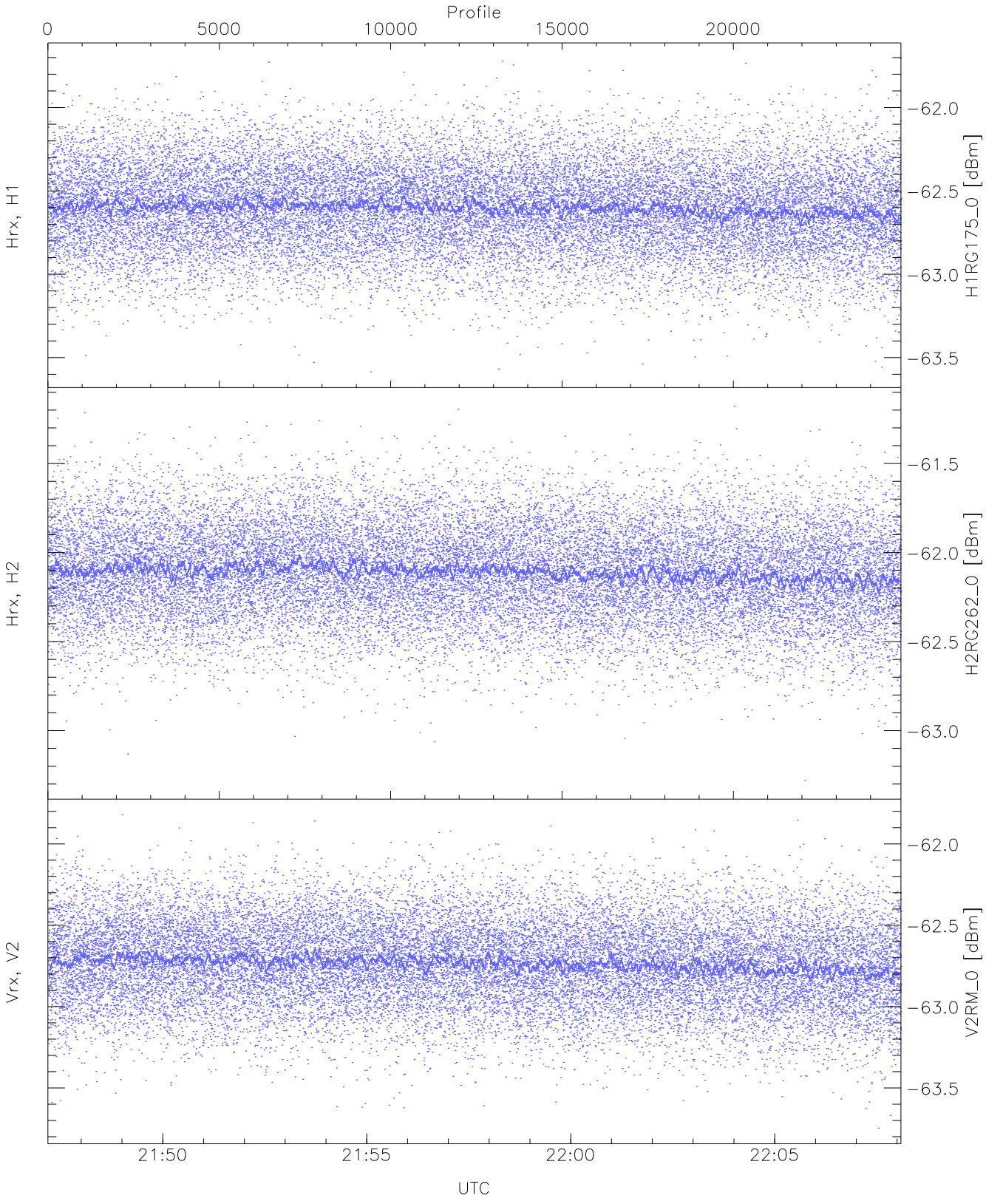
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.69	-60.76	-61.75	-61.75	-74.28
Hrx, H2(HL [dBm])	-62.75	-60.81	-61.75	-61.75	-74.29
Vrx, V2(HL [dBm])	-63.39	-61.38	-62.33	-62.33	-74.80



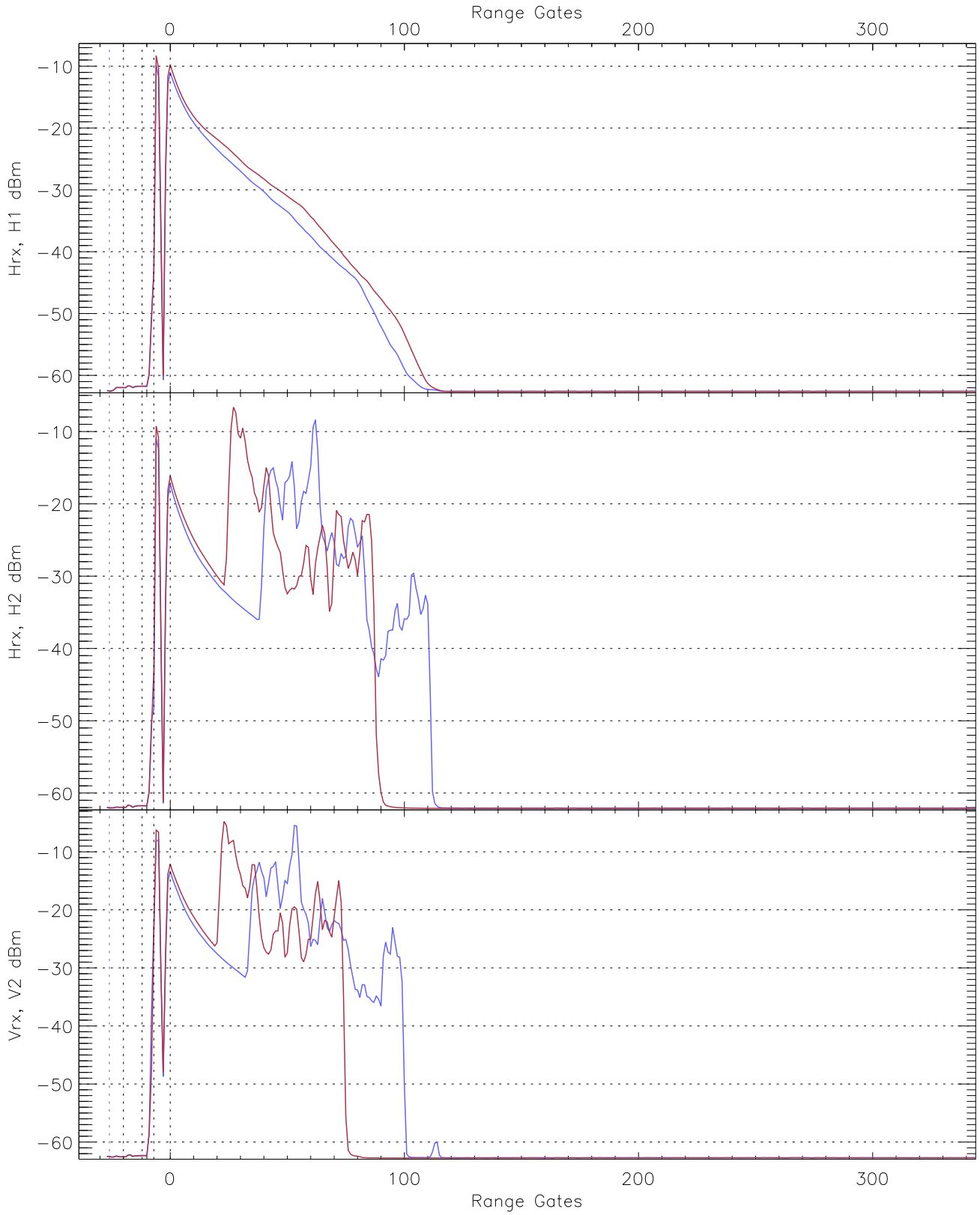
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.42	-61.58	-62.50	-62.51	-75.08
Hrx, H2(RM [dBm])	-62.98	-61.06	-62.02	-62.02	-74.55
Vrx, V2(RM [dBm])	-63.49	-61.57	-62.48	-62.48	-75.01

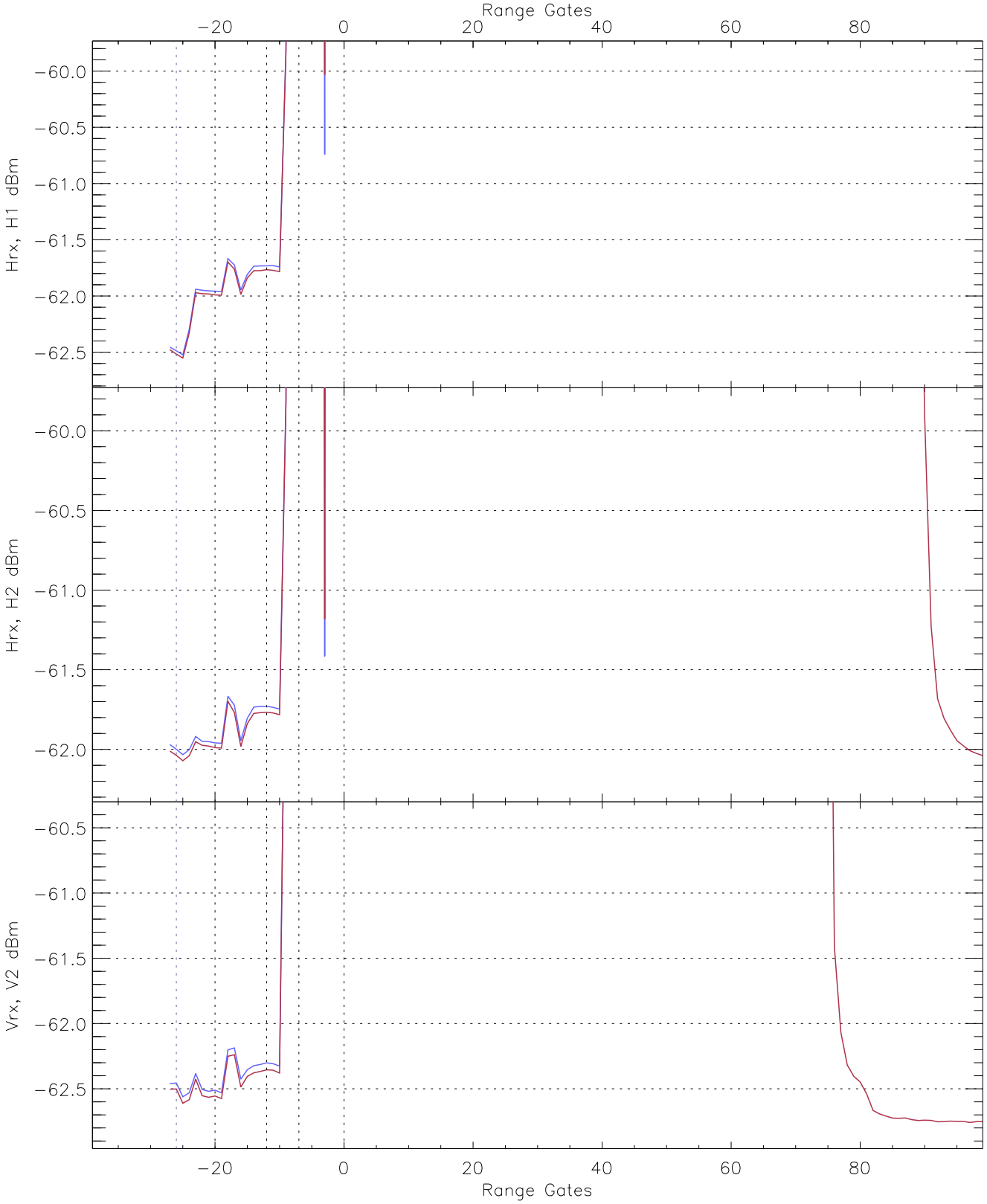


WCR2 CPP "Best" estimate Receivers Noise Power

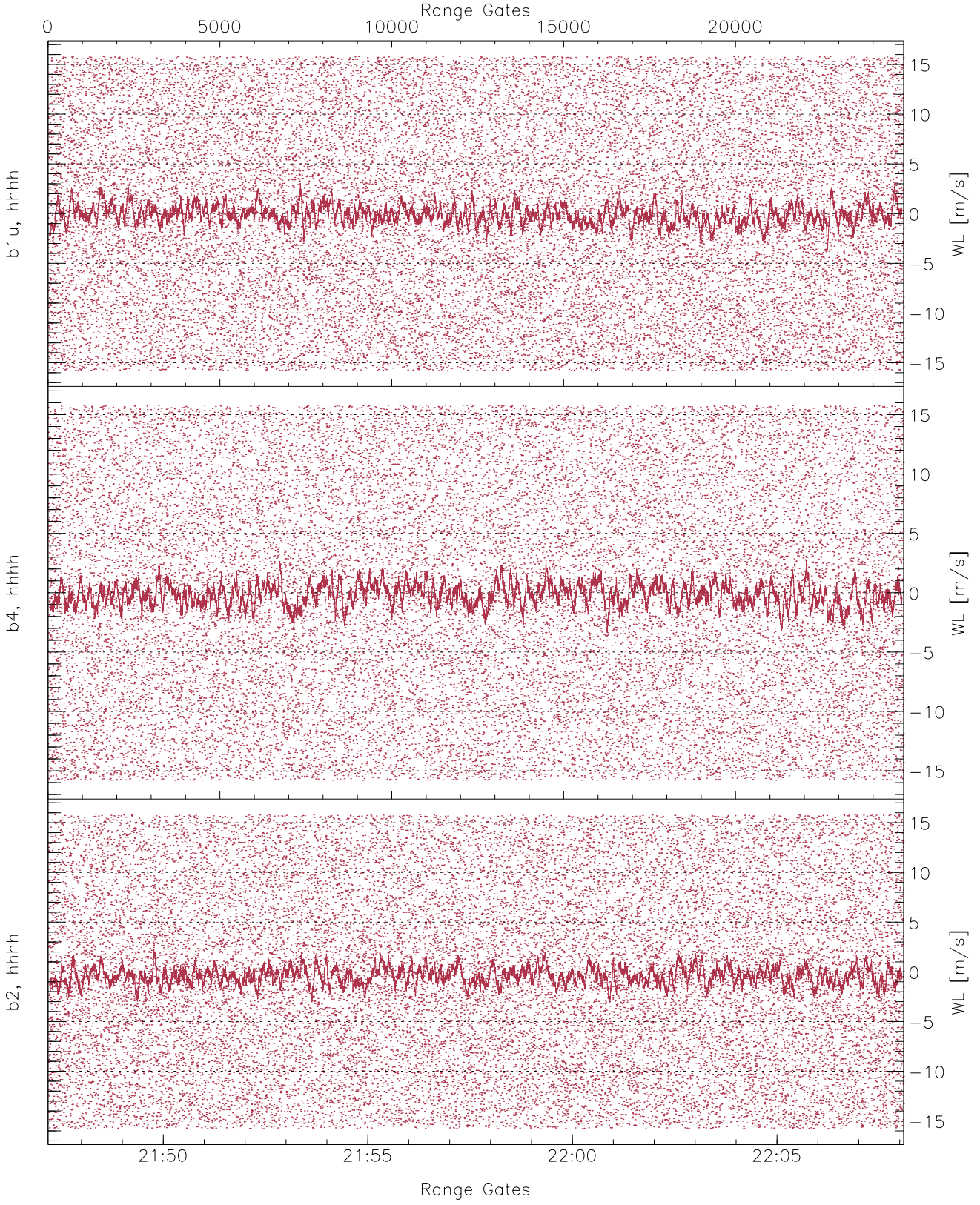
	Min	Max	Mean	Median	StDev
H1RG175_0 [dBm]	-63.59	-61.71	-62.60	-62.60	-75.15
H2RG262_0 [dBm]	-63.28	-61.18	-62.11	-62.11	-74.61
V2RM_0 [dBm]	-63.75	-61.82	-62.73	-62.74	-75.26



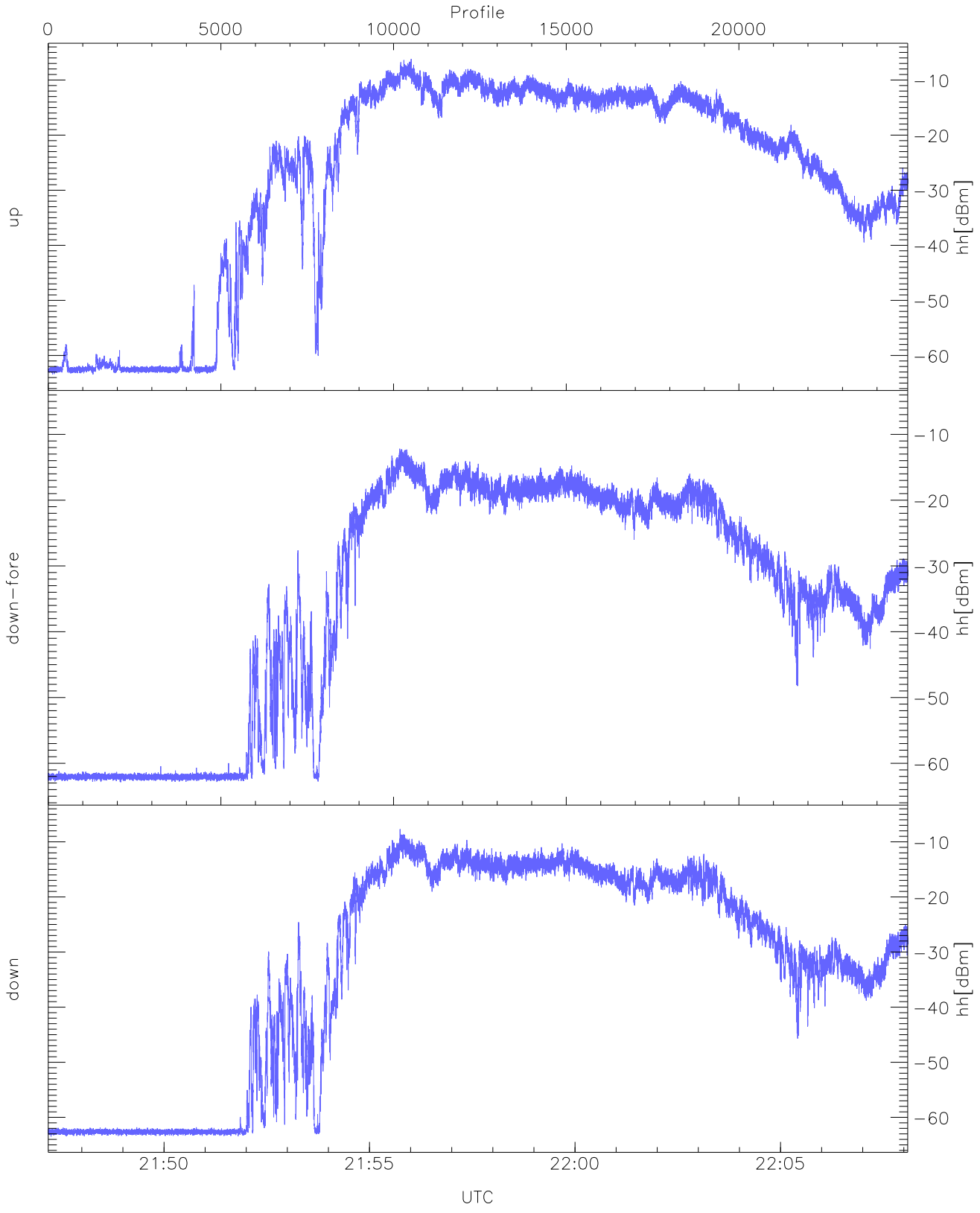
WCR2 CPP Averaged Received power for all recorded gates
blue: 214711-215738, 12446 profiles averaged
red: 215738-220806, 12445 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 214711-215738, 12446 profiles averaged
red: 215738-220806, 12445 profiles averaged

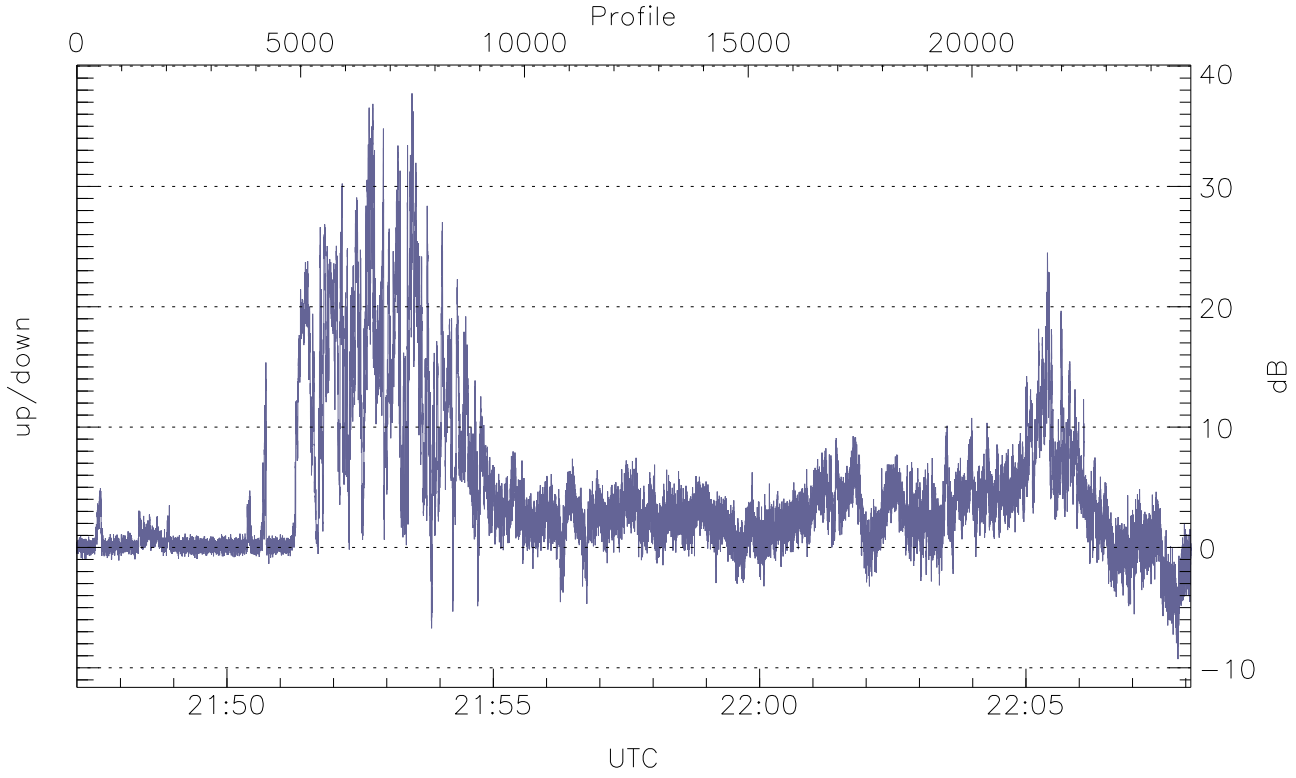


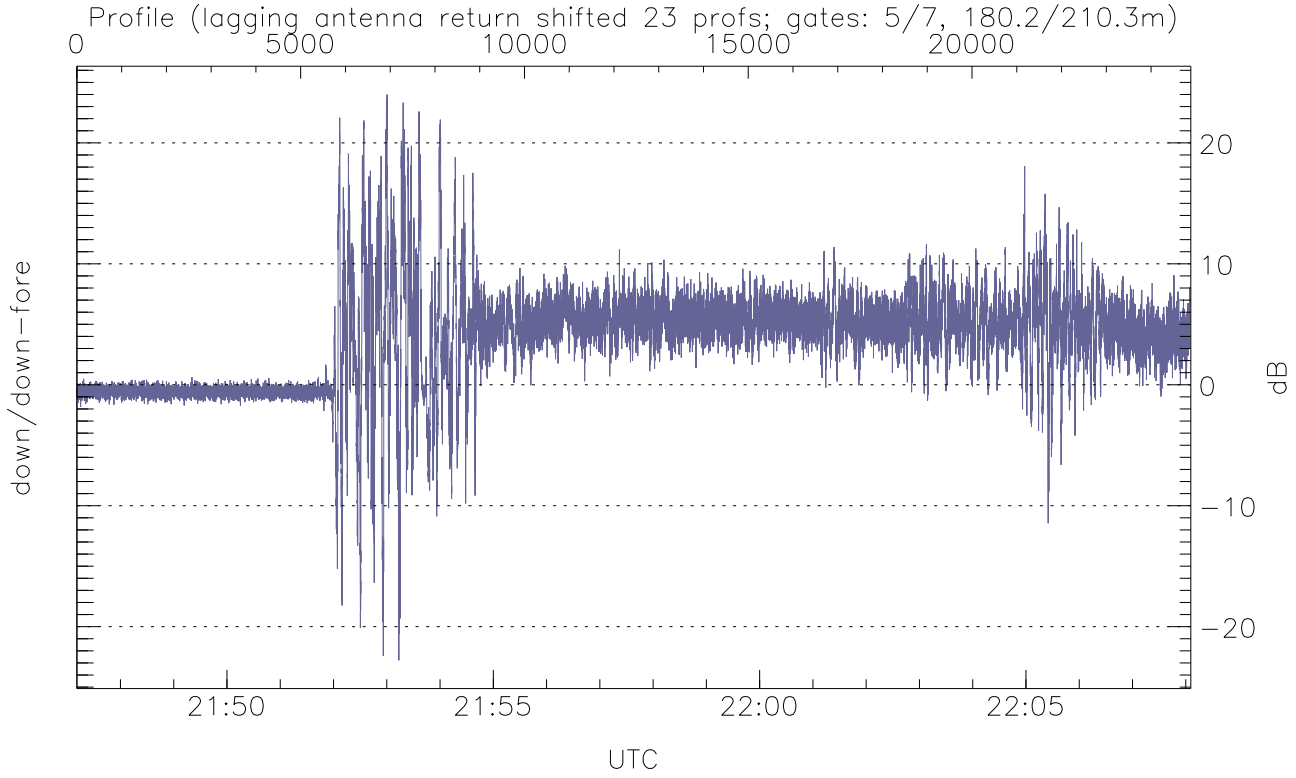
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

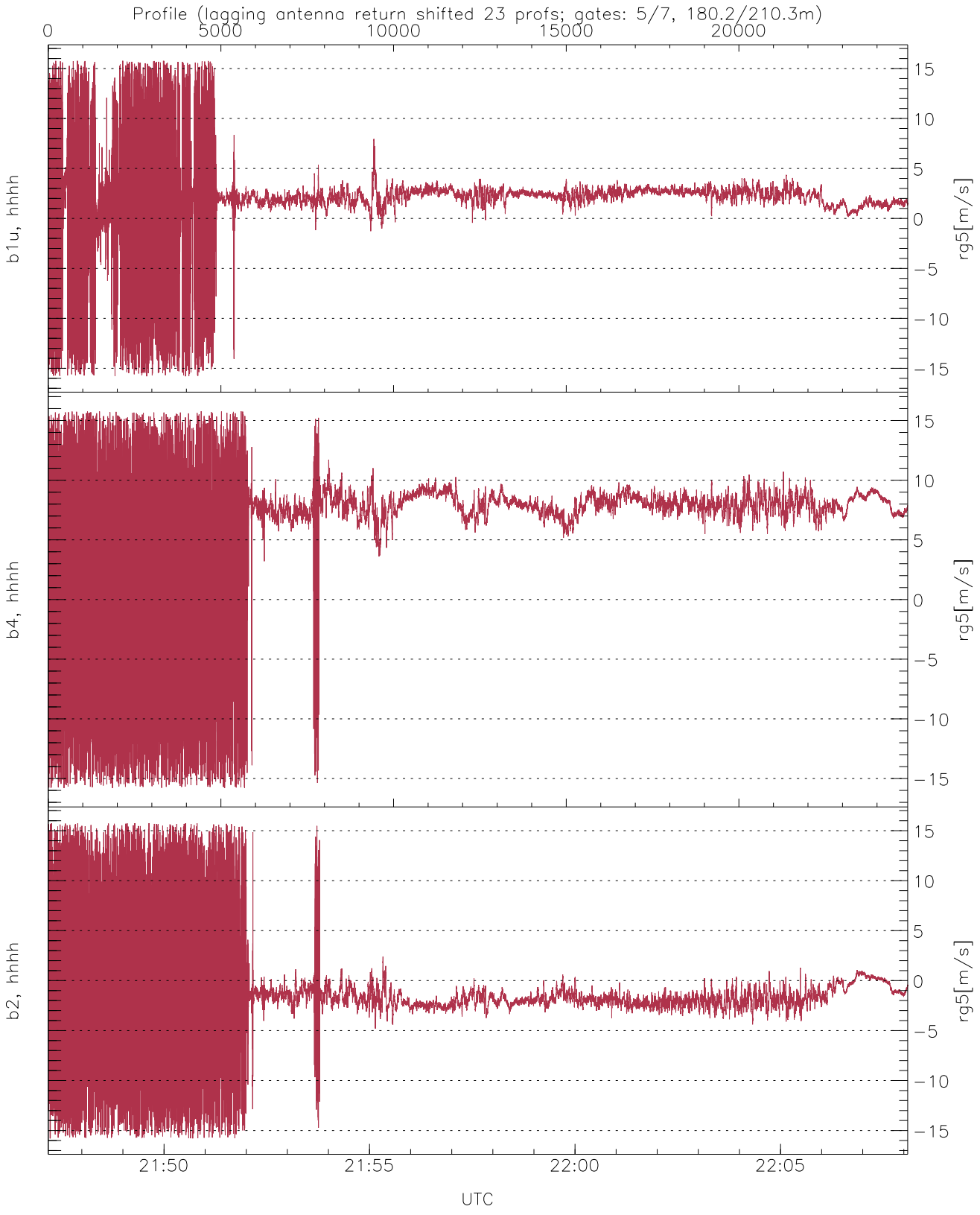
	Min	Max	Mean
up(hh[dBm])	-63.43	-6.19	-15.34
down-fore(hh[dBm])	-62.87	-12.18	-21.79
down(hh[dBm])	-63.49	-7.70	-18.05





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

	Min	Max	Mean
up/down(dB)	-9.27	37.74	4.37
down/down-fore(dB)	-22.78	24.00	3.67



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.78	1.82	3.66
b4, hhhh(rg5[m/s])	-15.80	15.78	6.07	5.54
b2, hhhh(rg5[m/s])	-15.80	15.75	-1.39	4.33