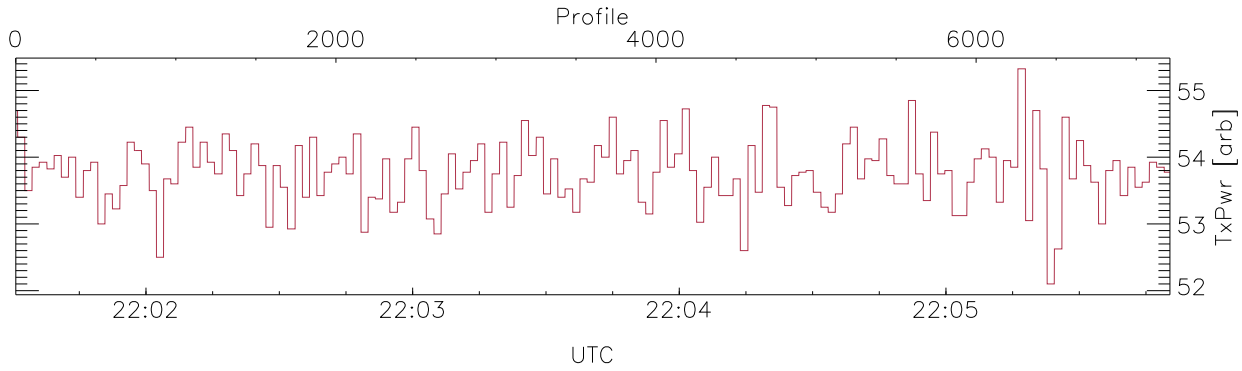
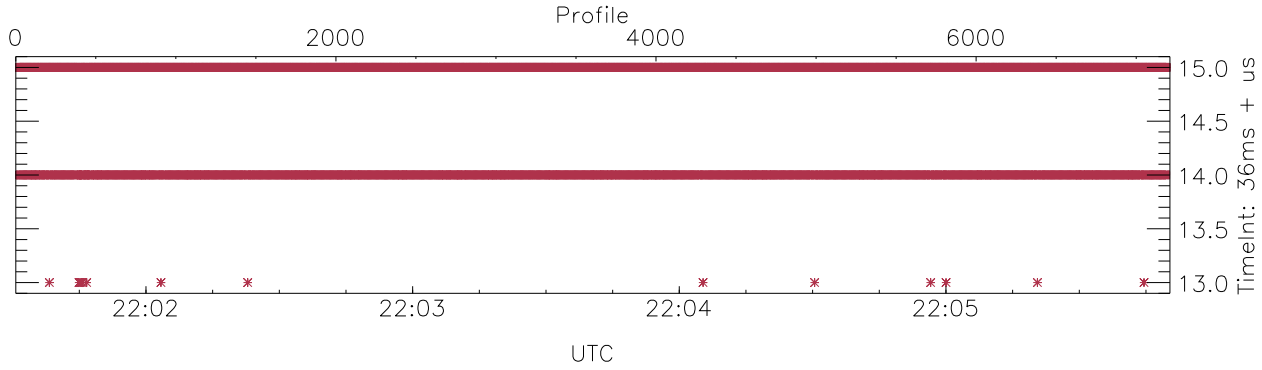
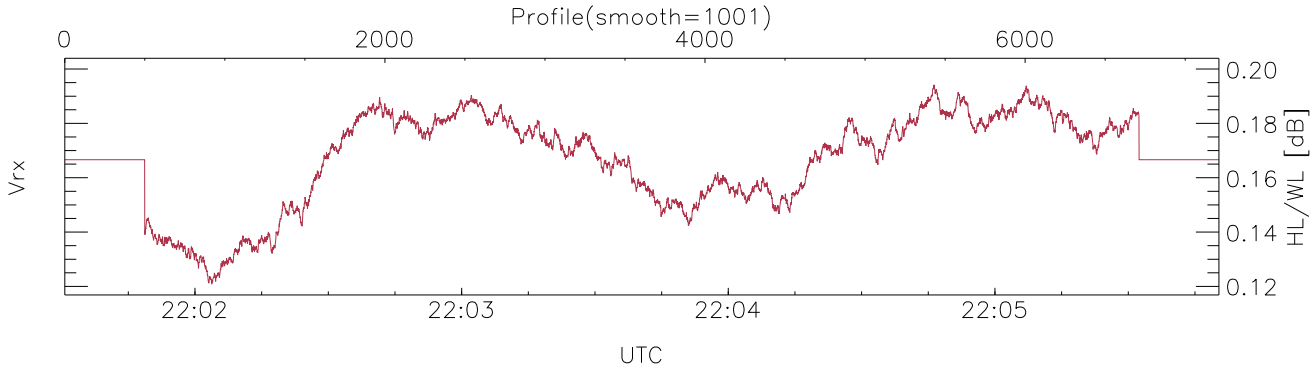
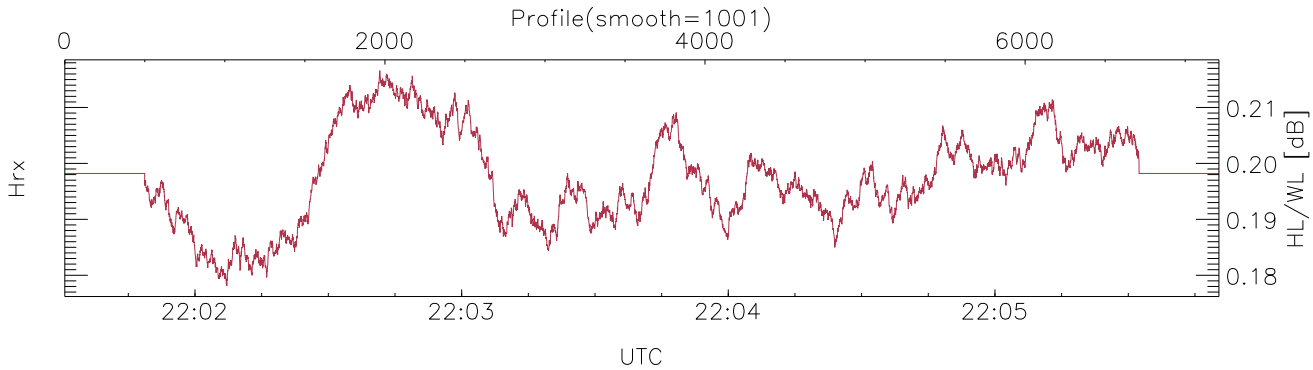


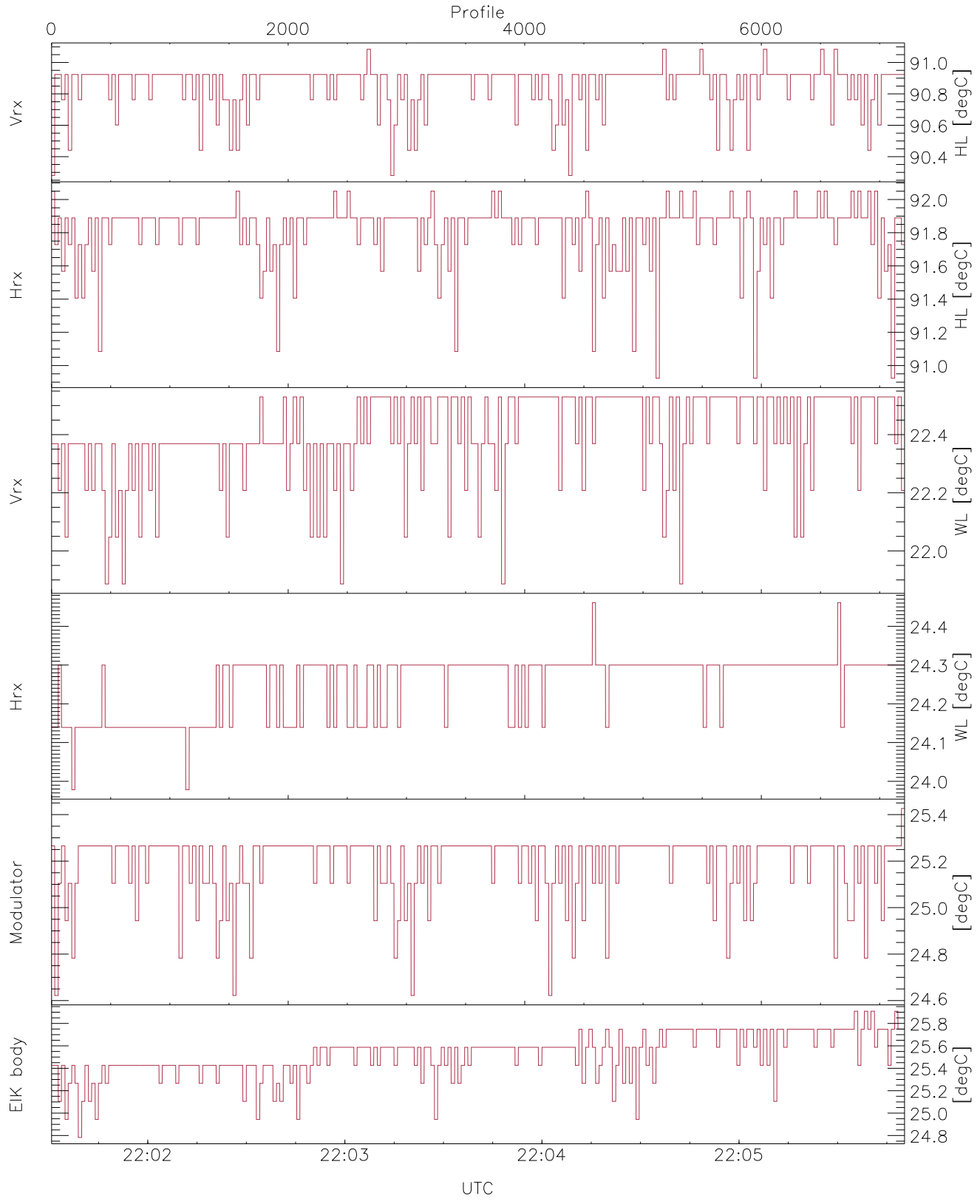






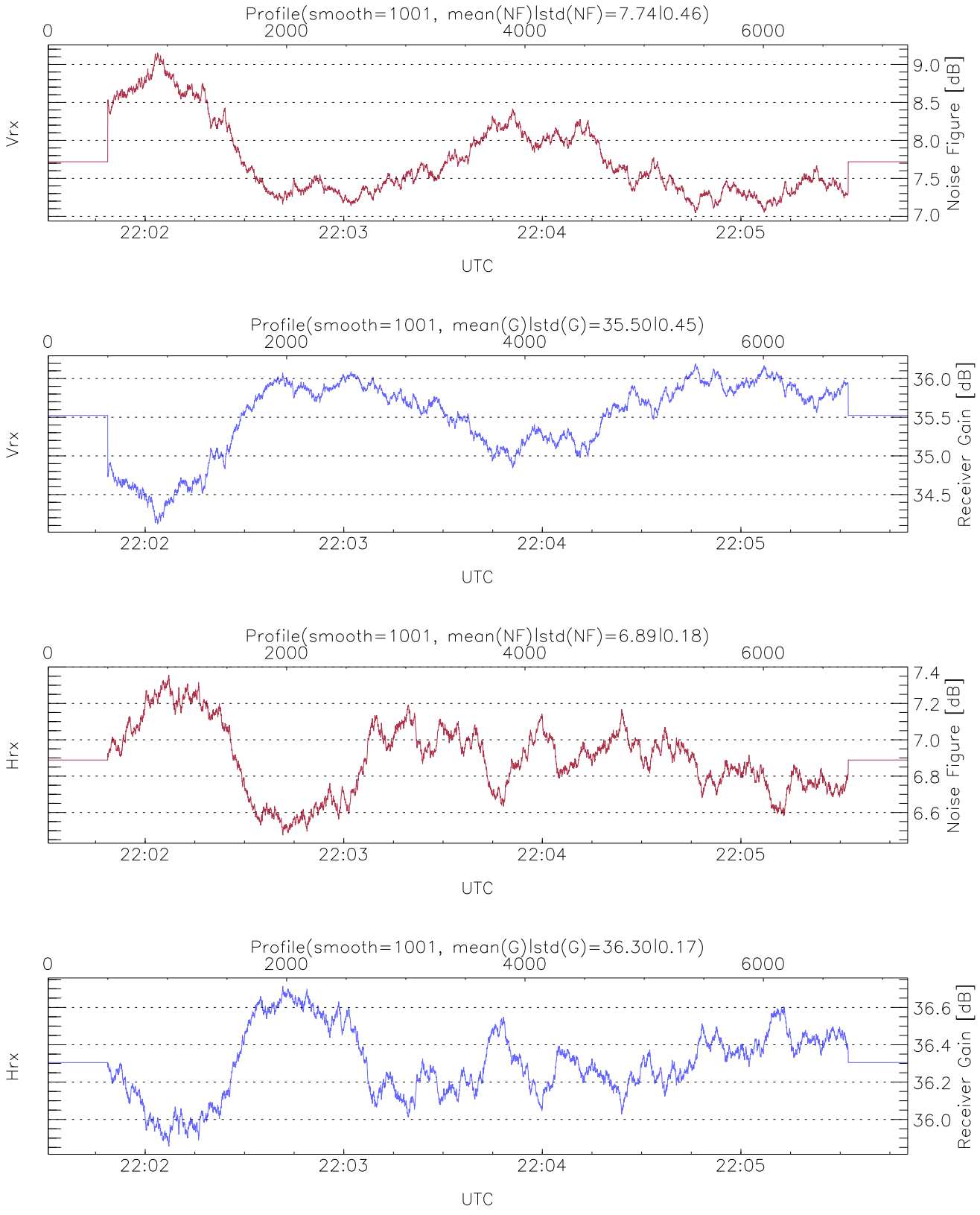
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 22:01:31-22:05:50, TimeCor: 0.00s, Dur: 259.70s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 36.0,36.0,36.0,0.0 ms / 27.8,27.8,27.8
NumRec(r/t): 7212/7212, 0-7211/22:01:31-22:05:50
AcqTime: 36.0ms, Rate: 0.555MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 V2 V2 H2 H2
PRF: 16.7 16.7 16.7 16.7 16.7 KHz, IGS: 60us
Range(min,max,rgs): 105, 7789, 15.0 m, Gates: 513, Aspect: 4.6
Mirror(-9|0|1|2,3,9x = no mirror|sideluplerror): 1



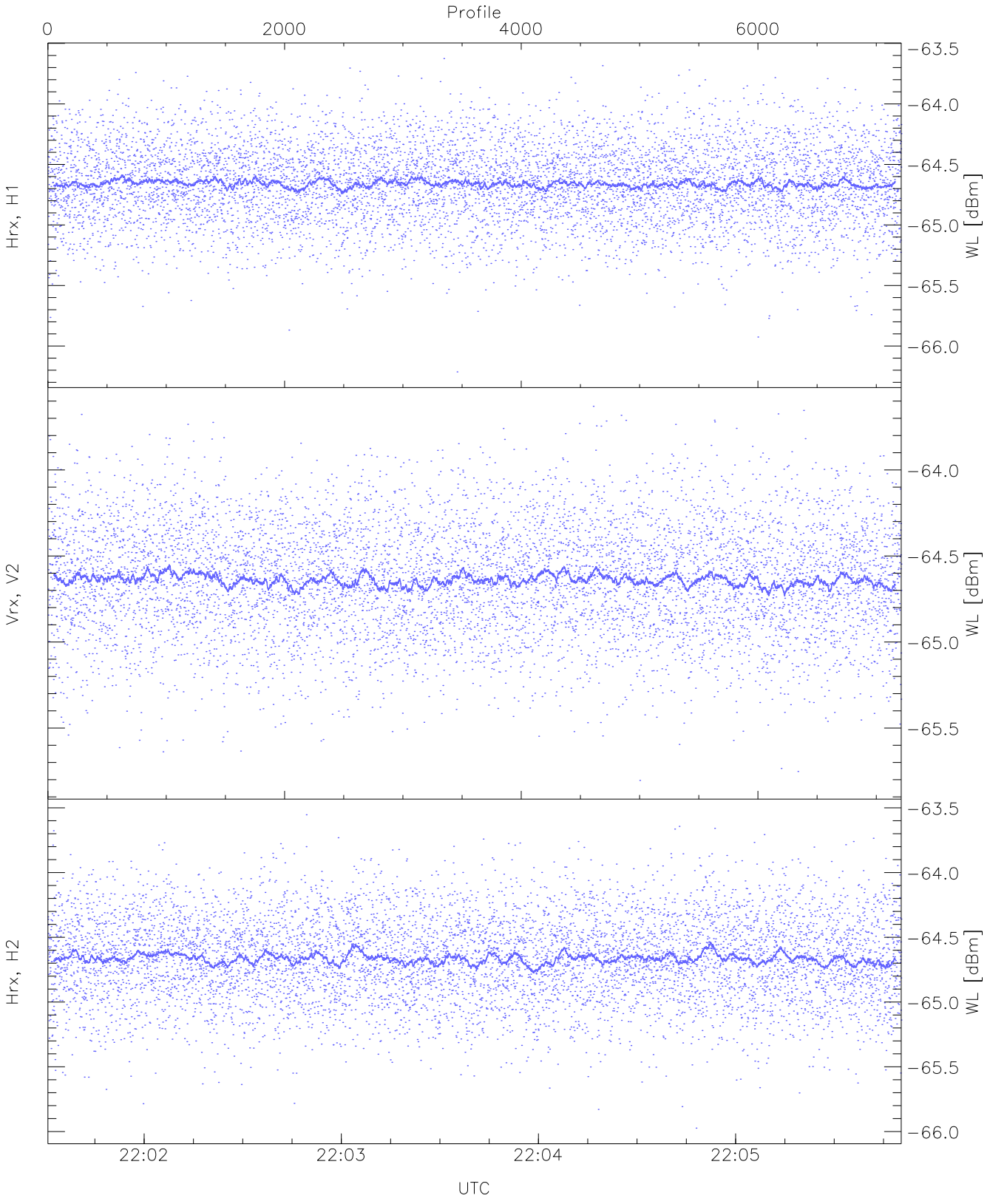
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,90,21,23,24,24
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,22,24,25,25
LOalarm(20,240,2817,14861 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (27,27,27,27,27,27)



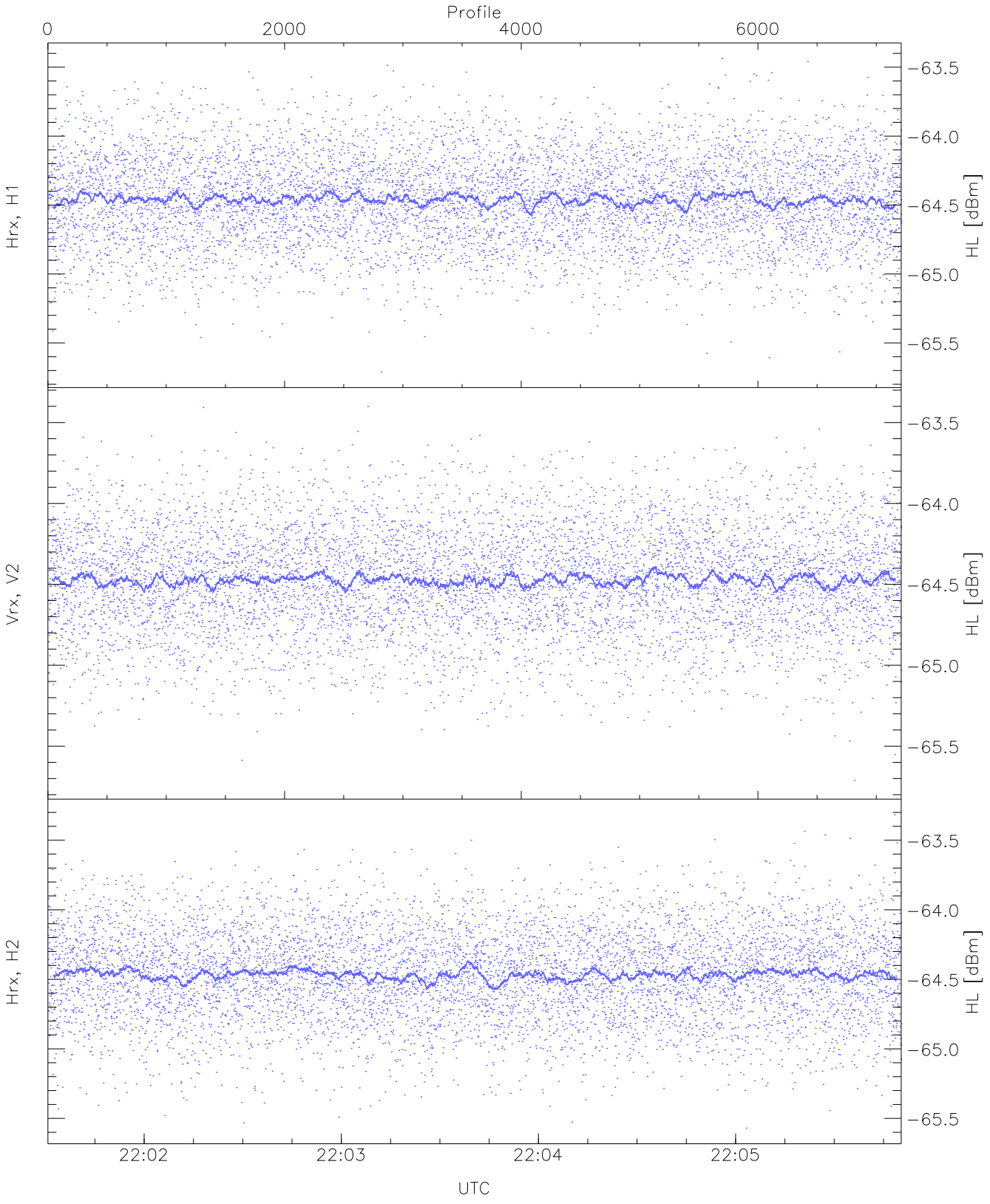
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 0 pixs, 0 gates, 0 profs, 0 prod(s)



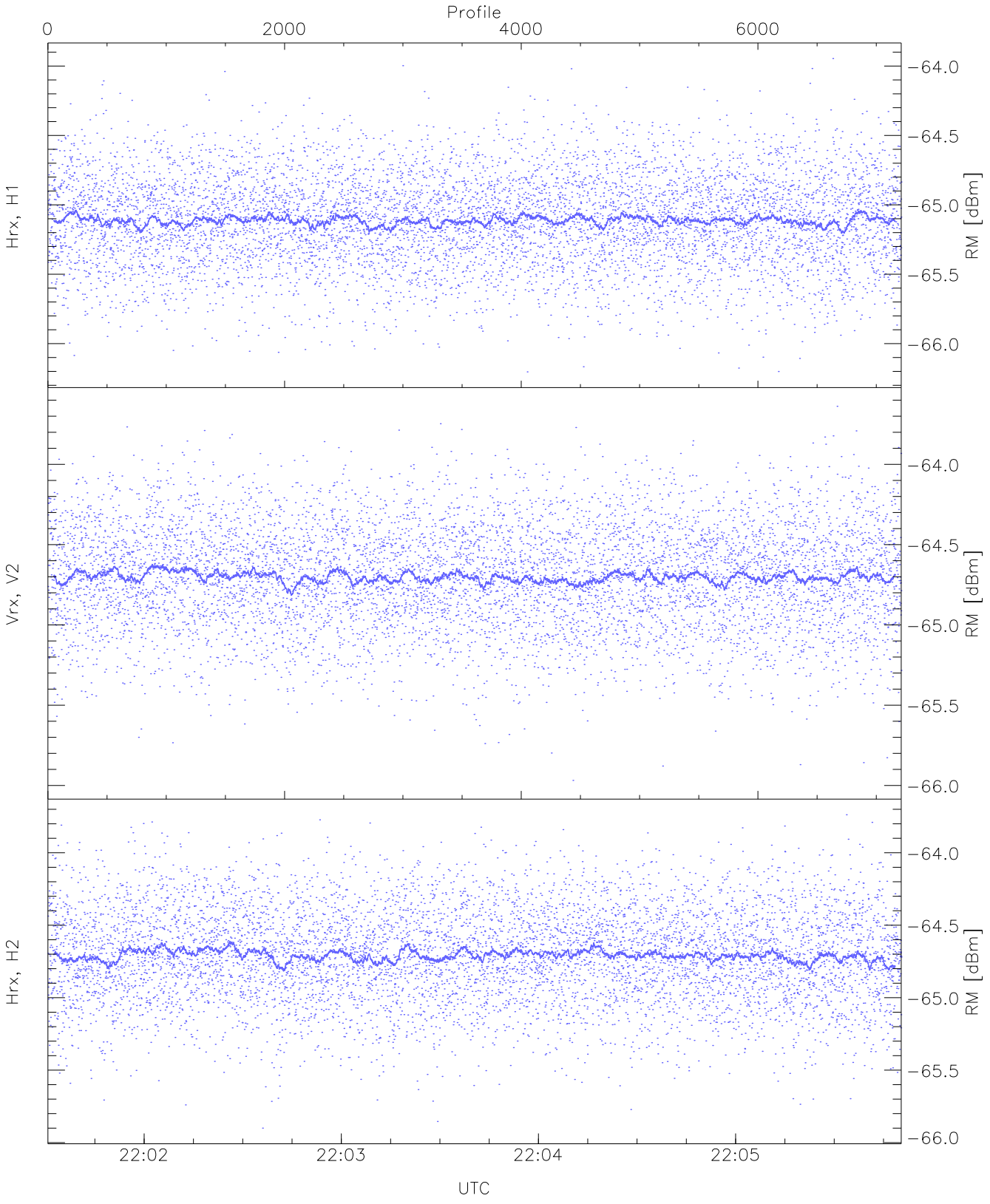
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.21	-63.63	-64.65	-64.66	-76.13
Vrx, V2(WL [dBm])	-65.80	-63.63	-64.63	-64.64	-76.13
Hrx, H2(WL [dBm])	-65.97	-63.55	-64.66	-64.66	-76.04



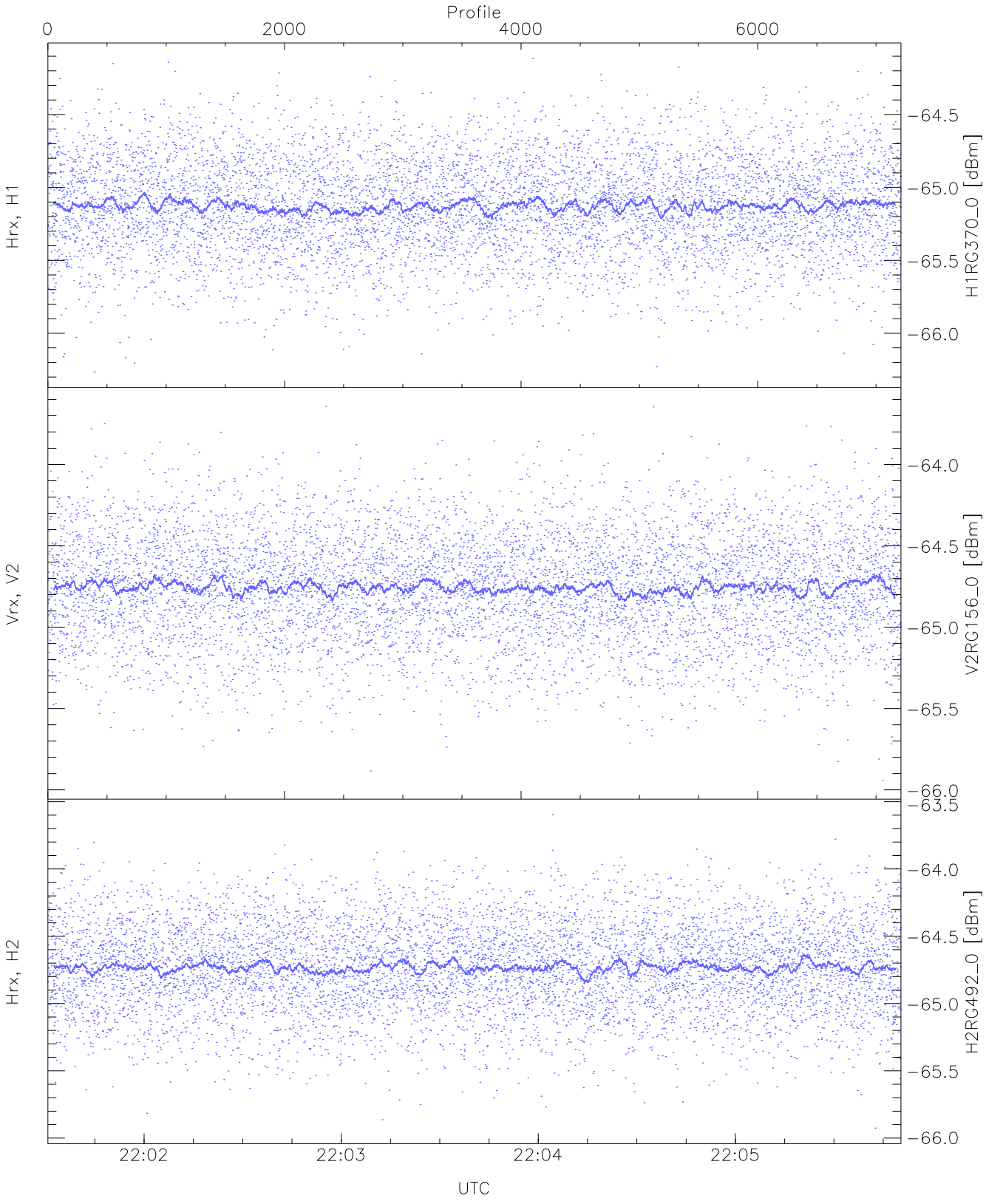
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.71	-63.44	-64.45	-64.46	-75.95
Vrx, V2(HL [dBm])	-65.71	-63.40	-64.46	-64.47	-75.96
Hrx, H2(HL [dBm])	-65.57	-63.32	-64.46	-64.46	-75.94



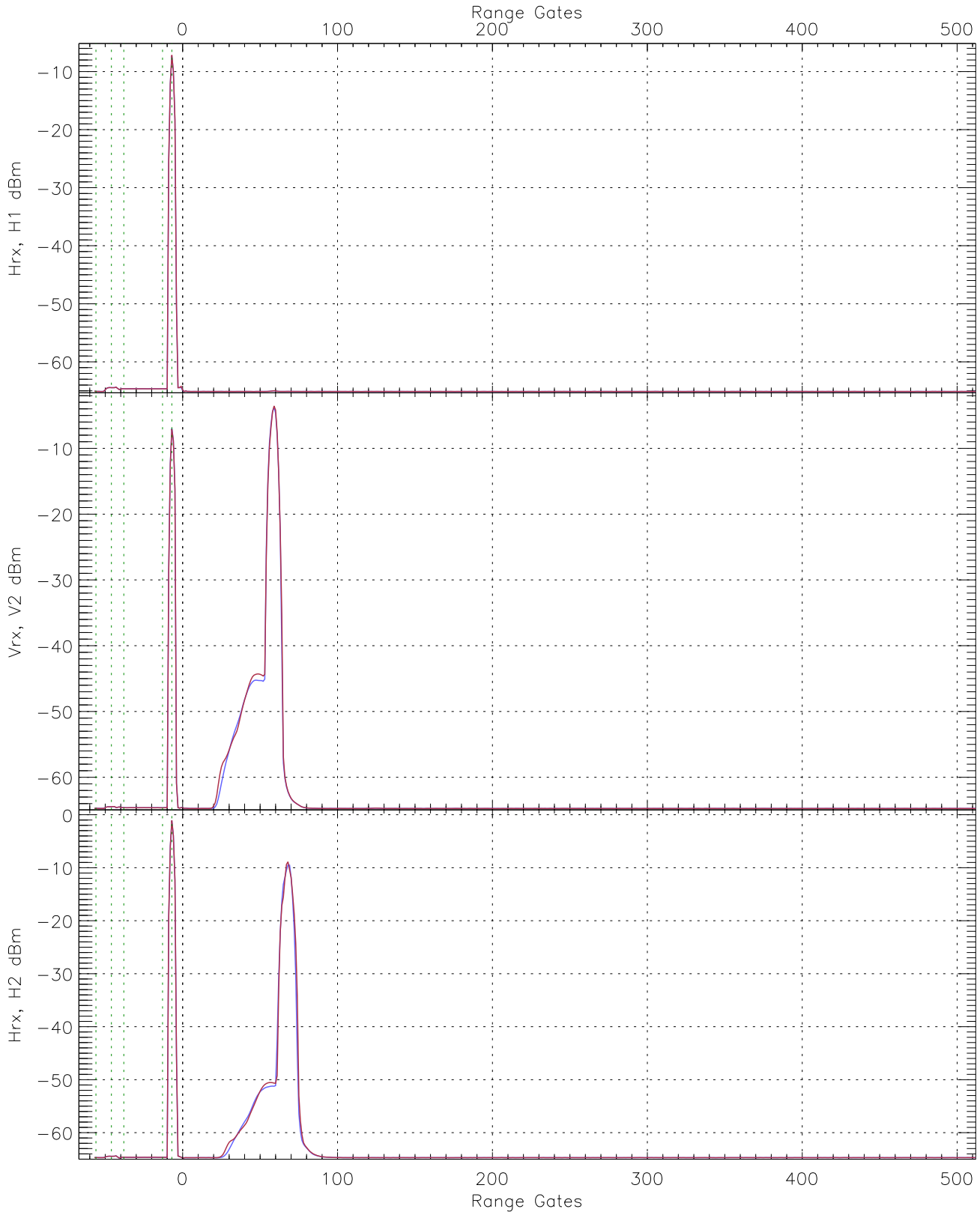
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.20	-63.95	-65.10	-65.11	-76.53
Vrx, V2(RM [dBm])	-65.97	-63.64	-64.69	-64.70	-76.20
Hrx, H2(RM [dBm])	-65.90	-63.74	-64.70	-64.71	-76.18

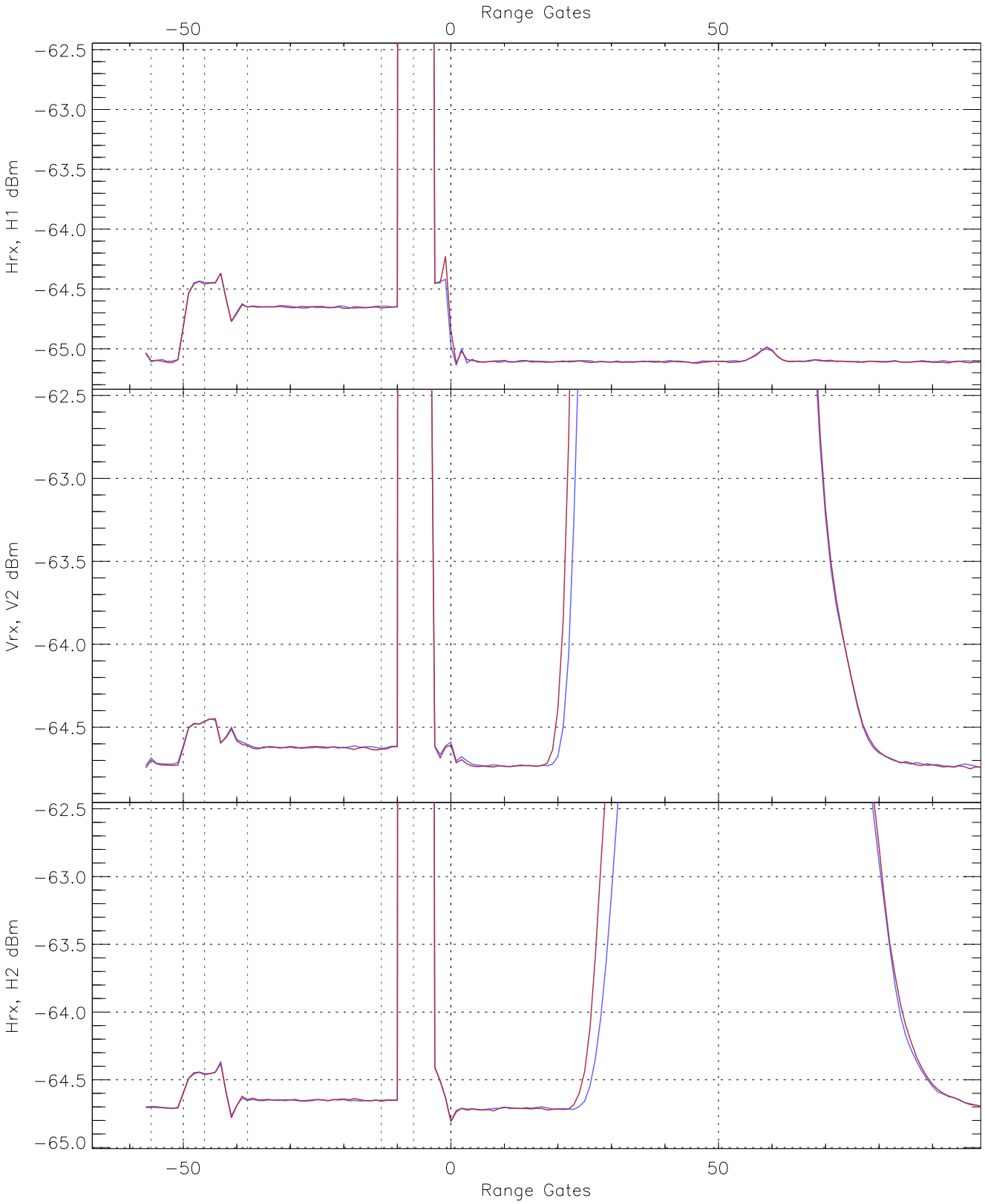


WCR3 CPP "Best" estimate Receivers Noise Power

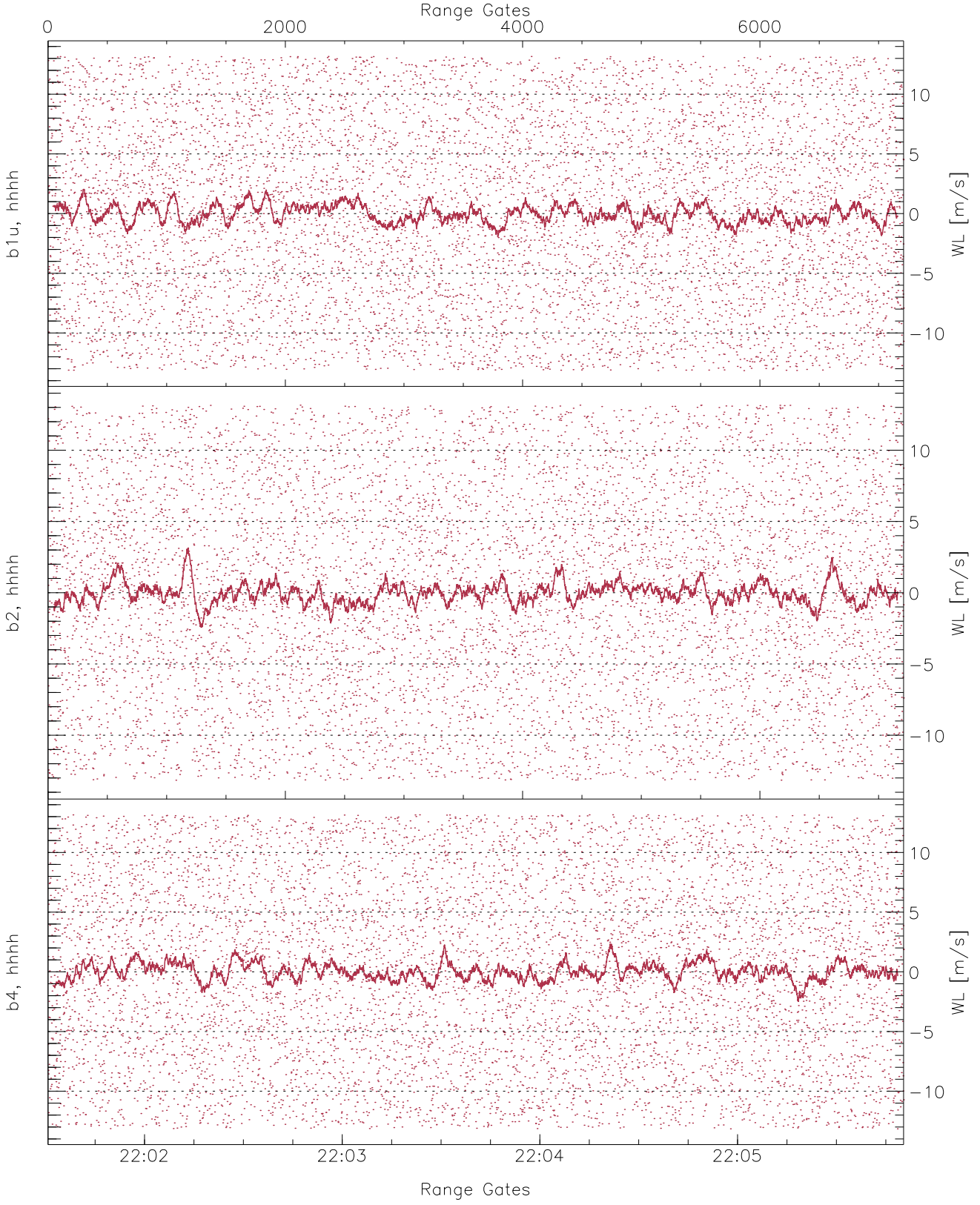
	Min	Max	Mean	Median	StDev
H1RG370_0 [dBm]	-66.26	-64.12	-65.12	-65.13	-76.64
V2RG156_0 [dBm]	-65.94	-63.64	-64.75	-64.75	-76.22
H2RG492_0 [dBm]	-65.93	-63.60	-64.72	-64.73	-76.16



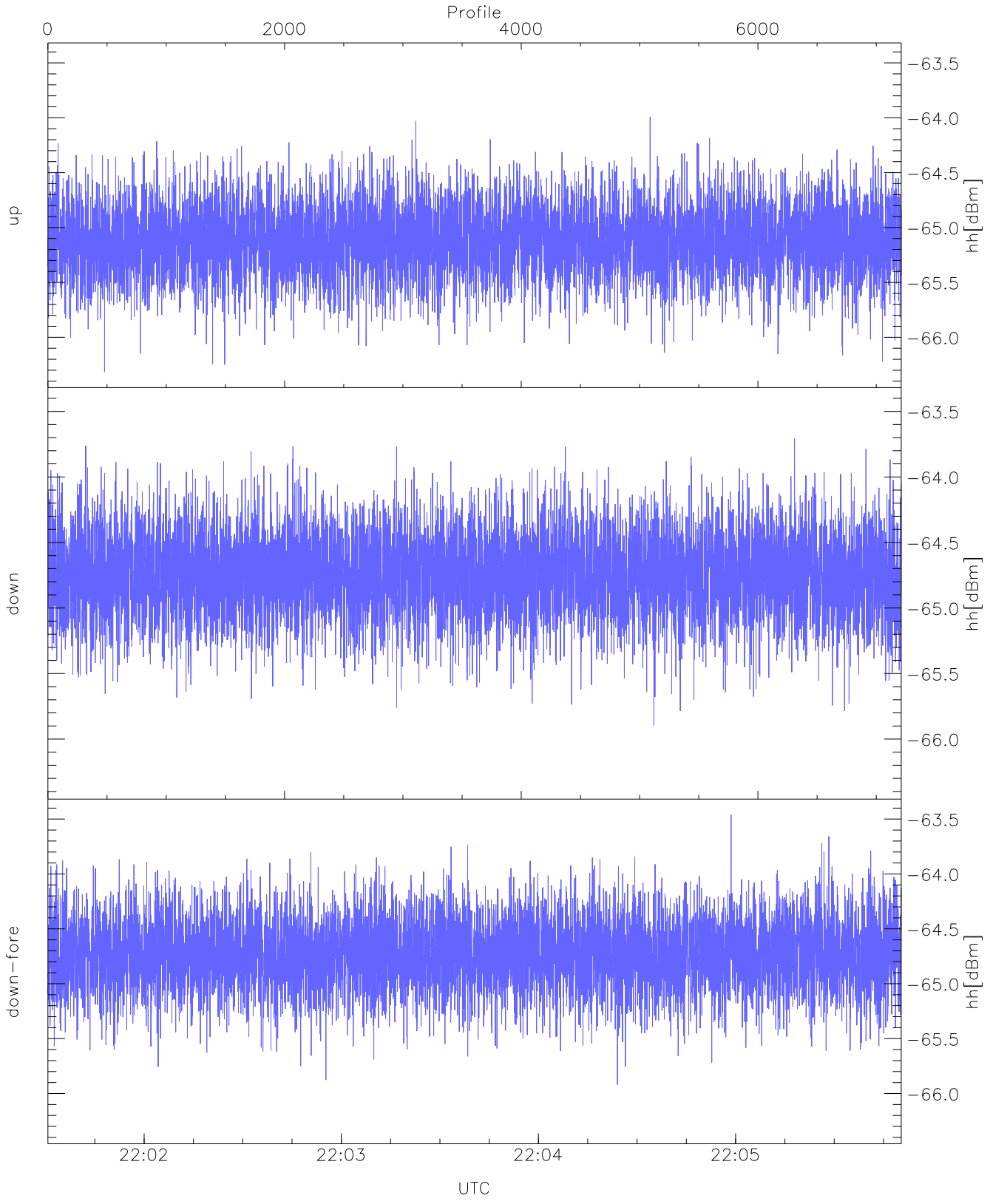
WCR3 CPP Averaged Received power for all recorded gates
blue: 220131-220341, 3607 profiles averaged
red: 220341-220550, 3606 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 220131-220341, 3607 profiles averaged
red: 220341-220550, 3606 profiles averaged

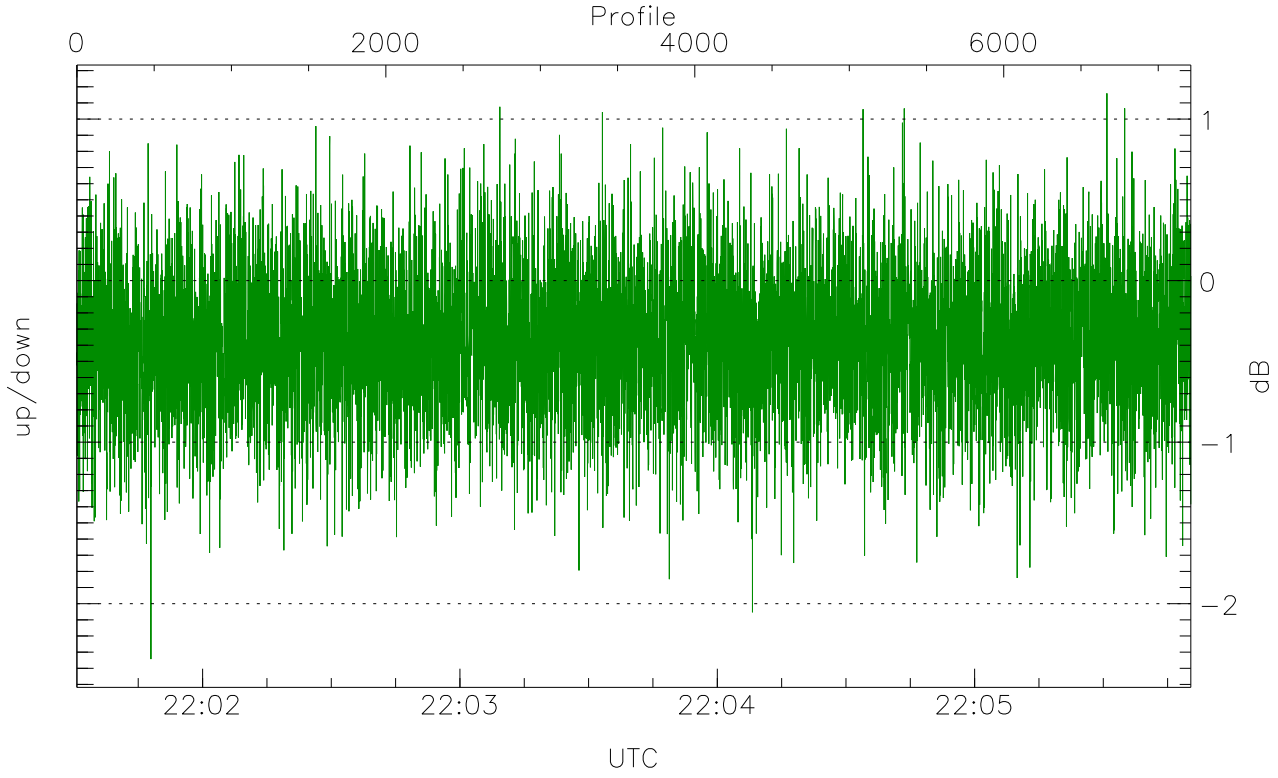


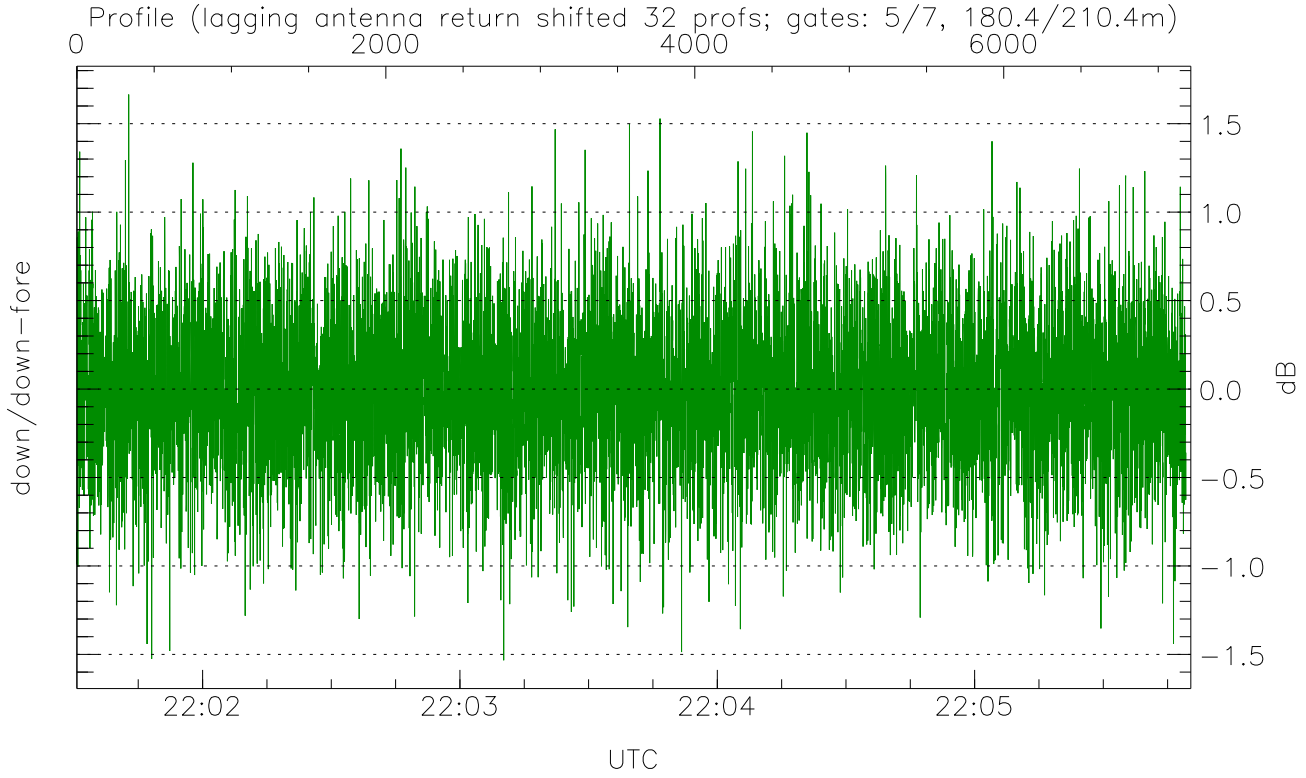
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

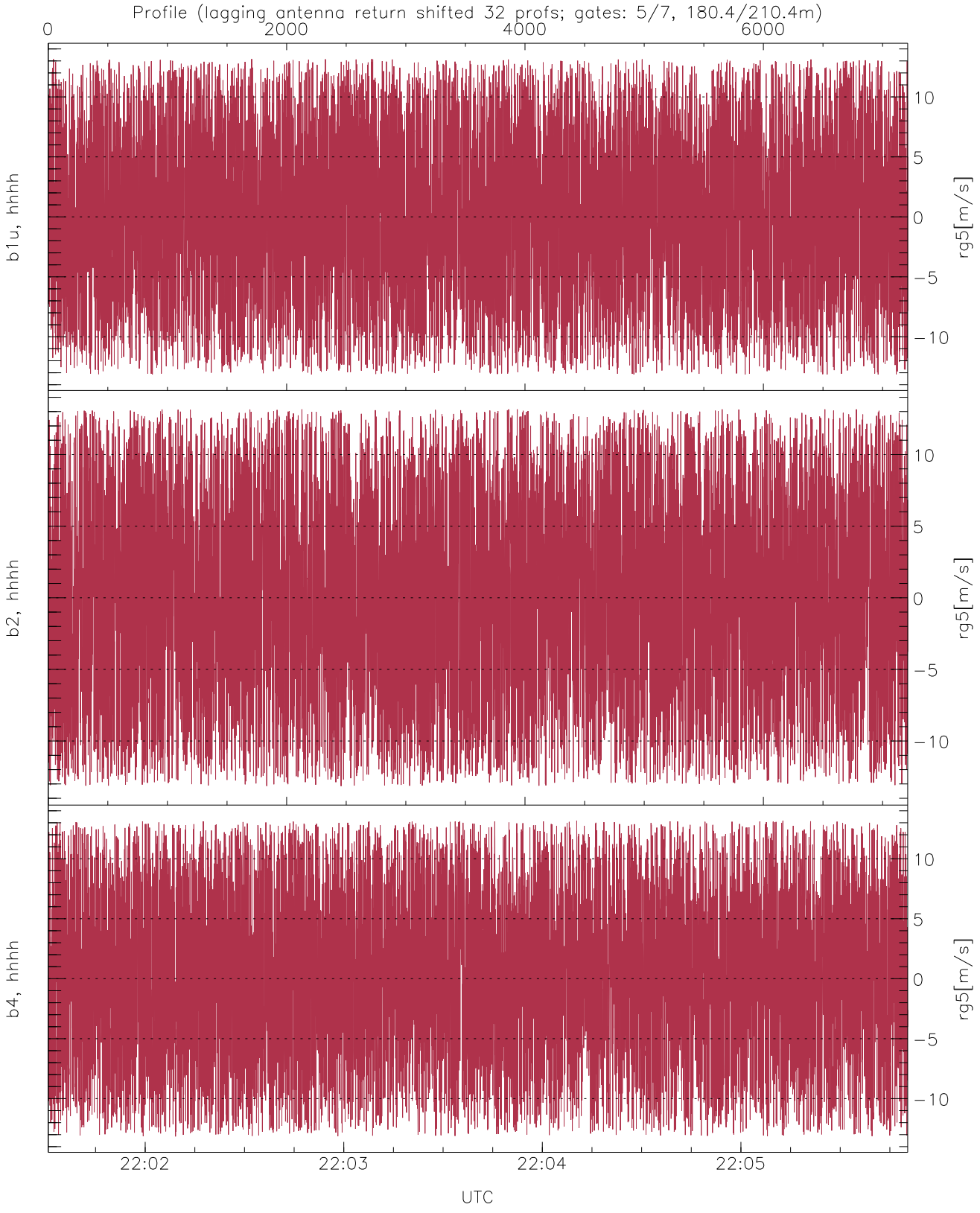
	Min	Max	Mean
up(hh[dBm])	-66.32	-63.99	-65.11
down(hh[dBm])	-65.89	-63.71	-64.73
down-fore(hh[dBm])	-65.92	-63.46	-64.72





WCR3 Beam pairs Received Power Ratio(s); RangeGate: 5 (180 m)

	Min	Max	Mean
up/down(dB)	-2.34	1.16	-0.38
down/down-fore(dB)	-1.53	1.66	-0.01



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-13.15	13.16	0.08	7.29
b2, hhhh(rg5[m/s])	-13.15	13.16	-0.07	7.47
b4, hhhh(rg5[m/s])	-13.15	13.16	0.02	7.33