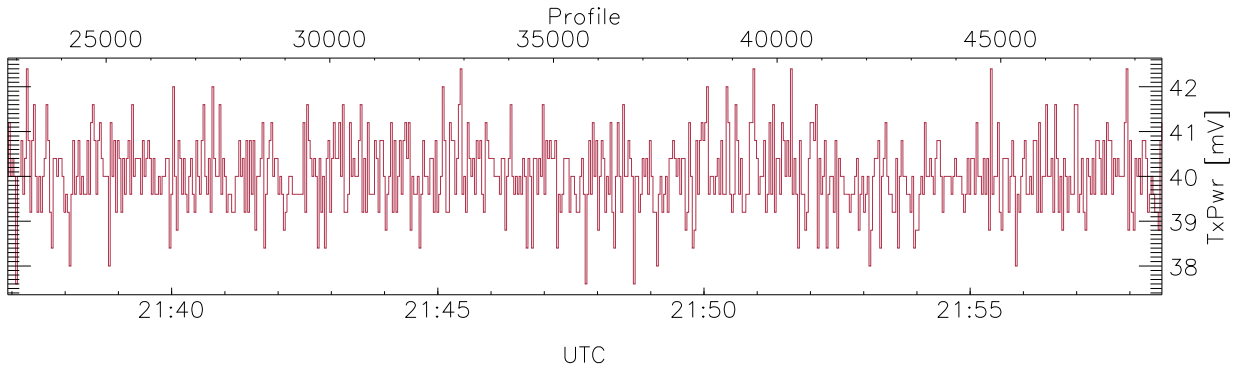
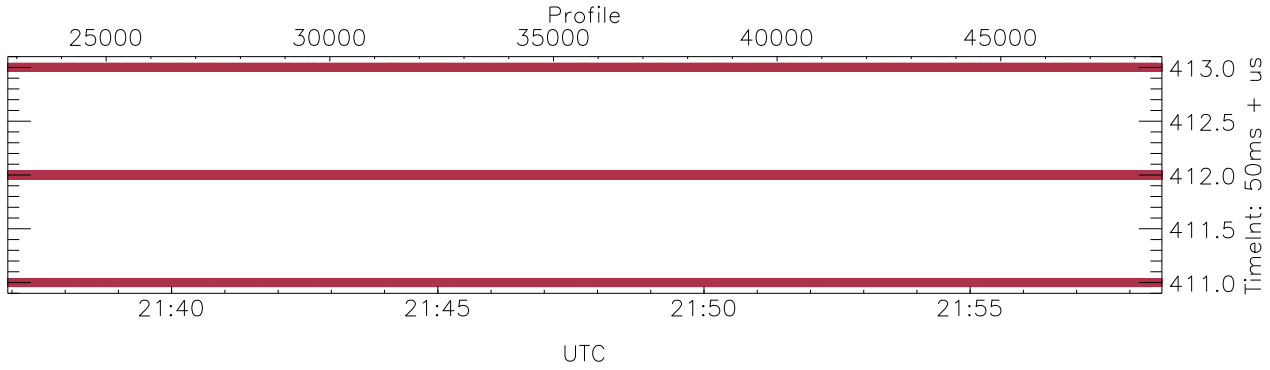
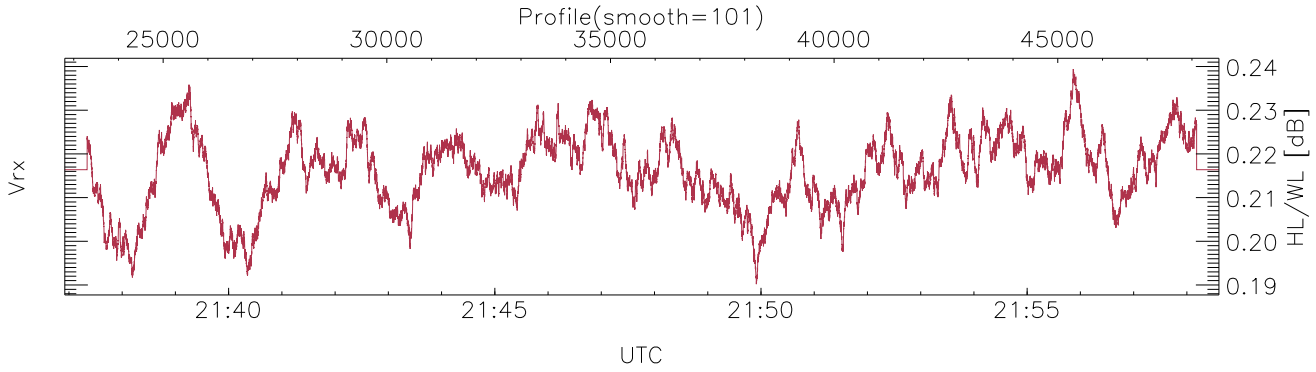
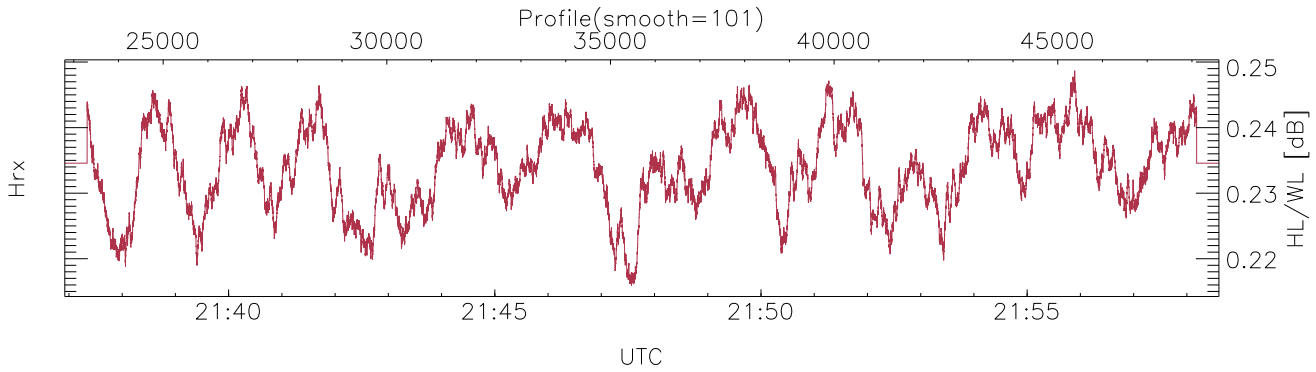


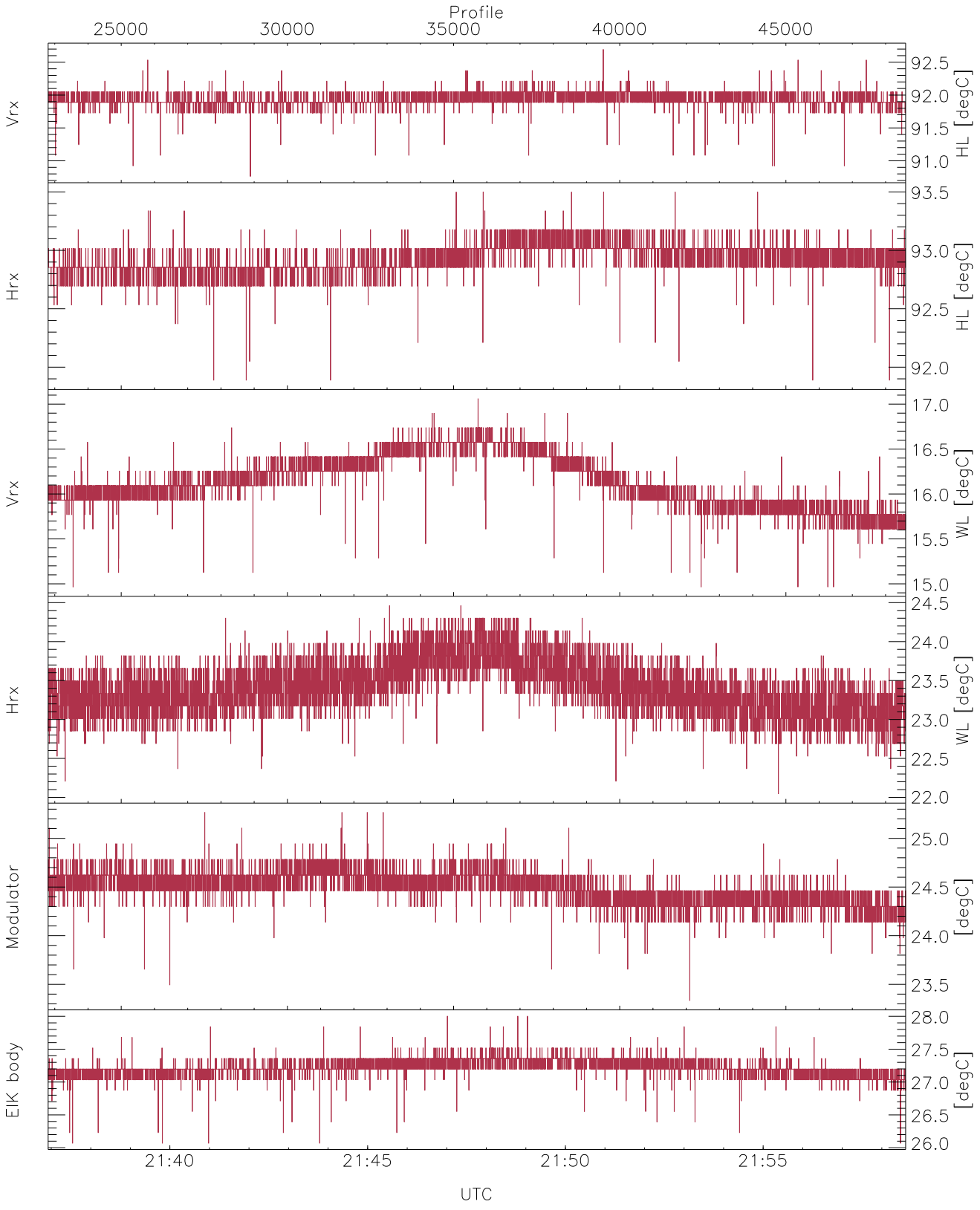






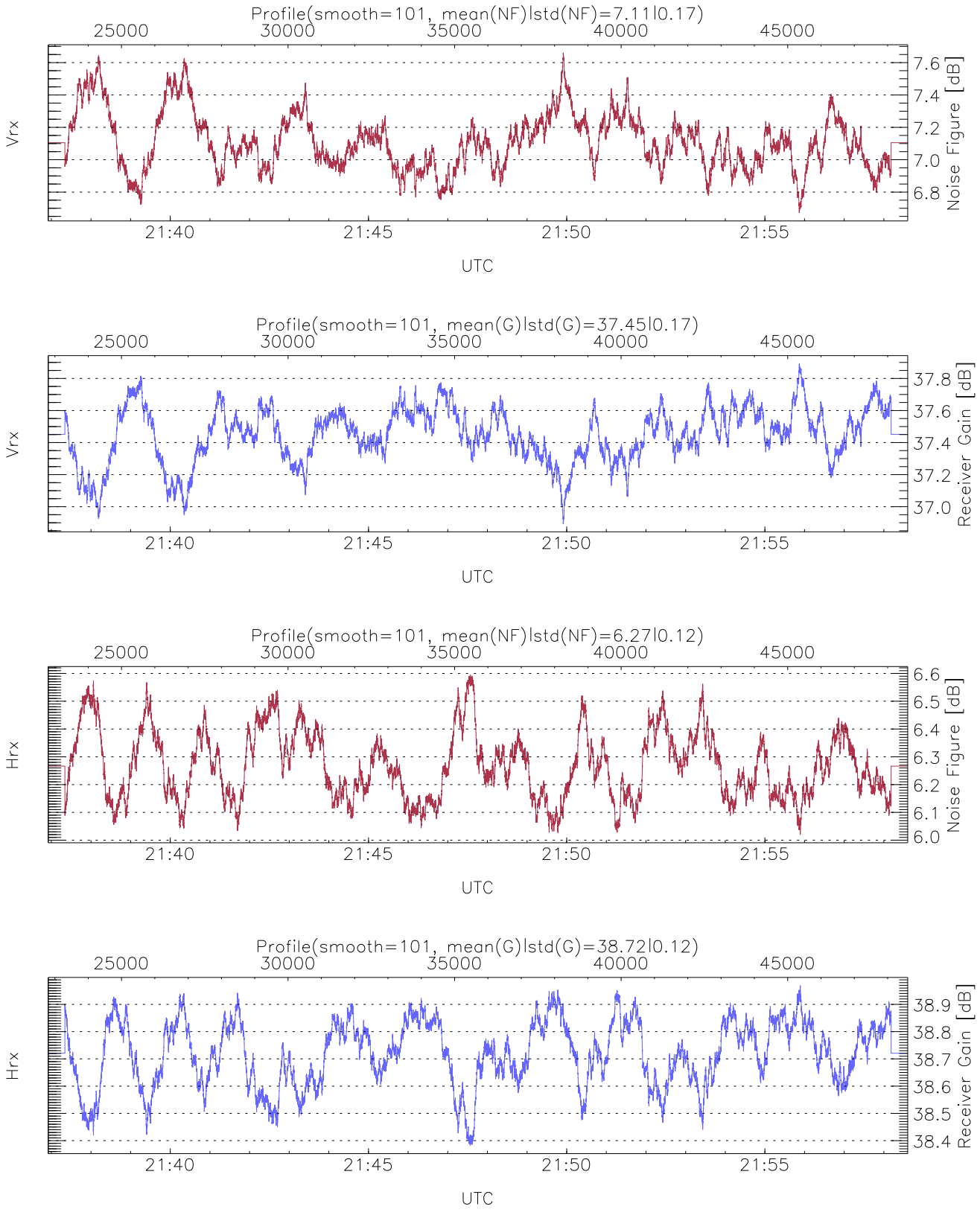
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 21:17:46-21:58:36, Dur: 2450.25s
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): 25805/48605, 22800-48604/21:36:55-21:58:36
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



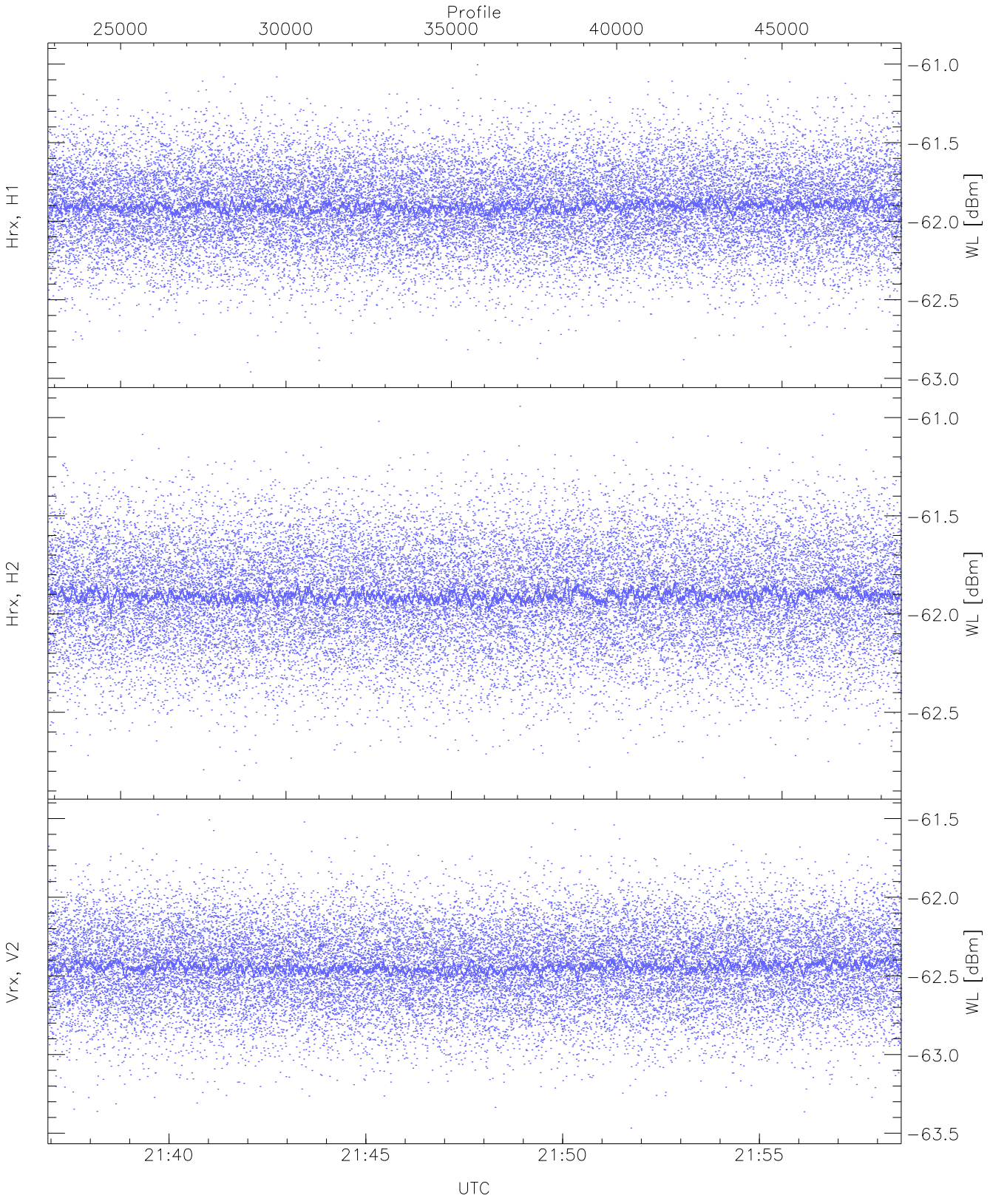
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,14,22,23,26
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,17,24,25,28
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (21,21,21,21,26,17)



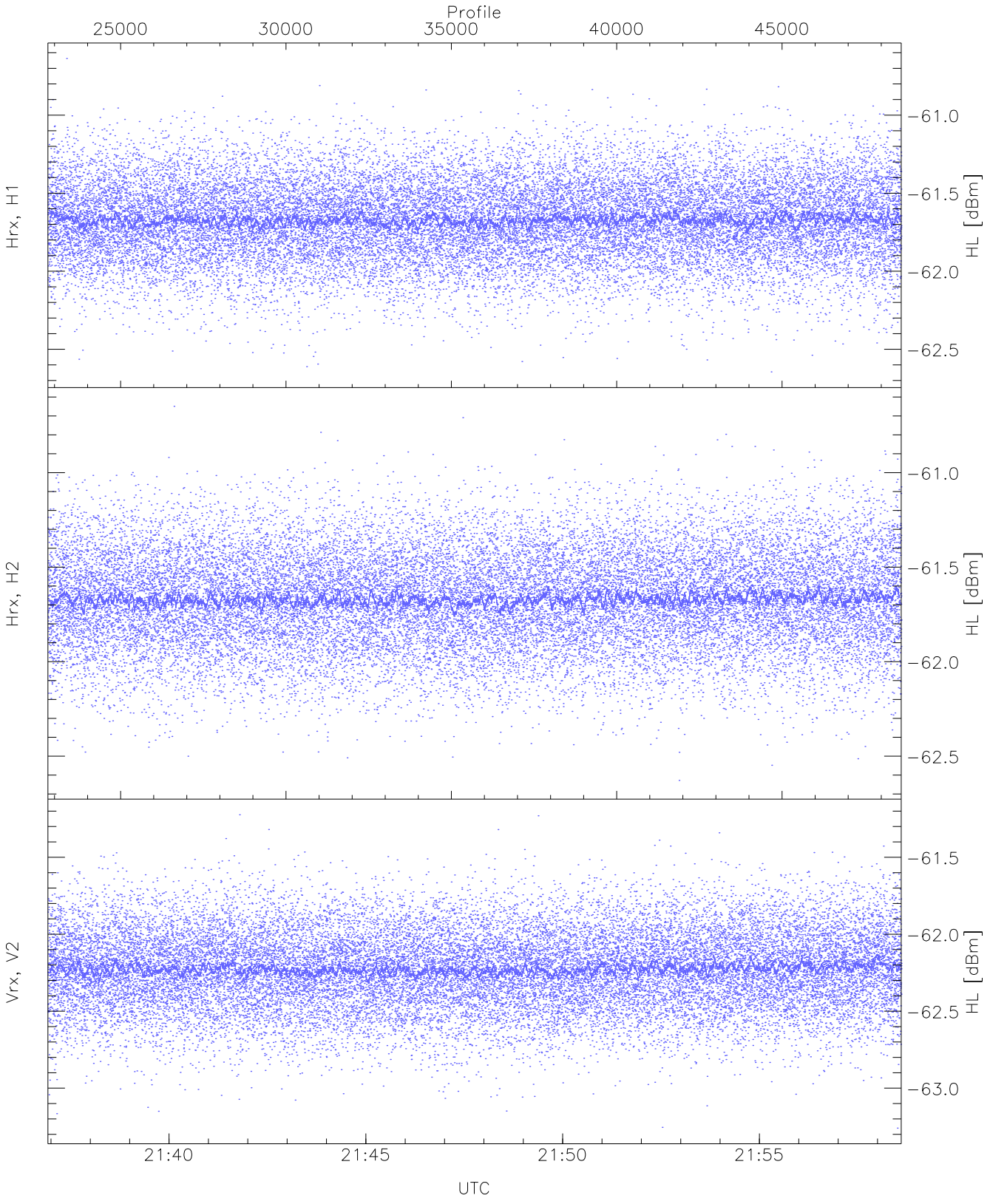
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 9192 pixs, 56 gates, 9043 profs, 1 prods



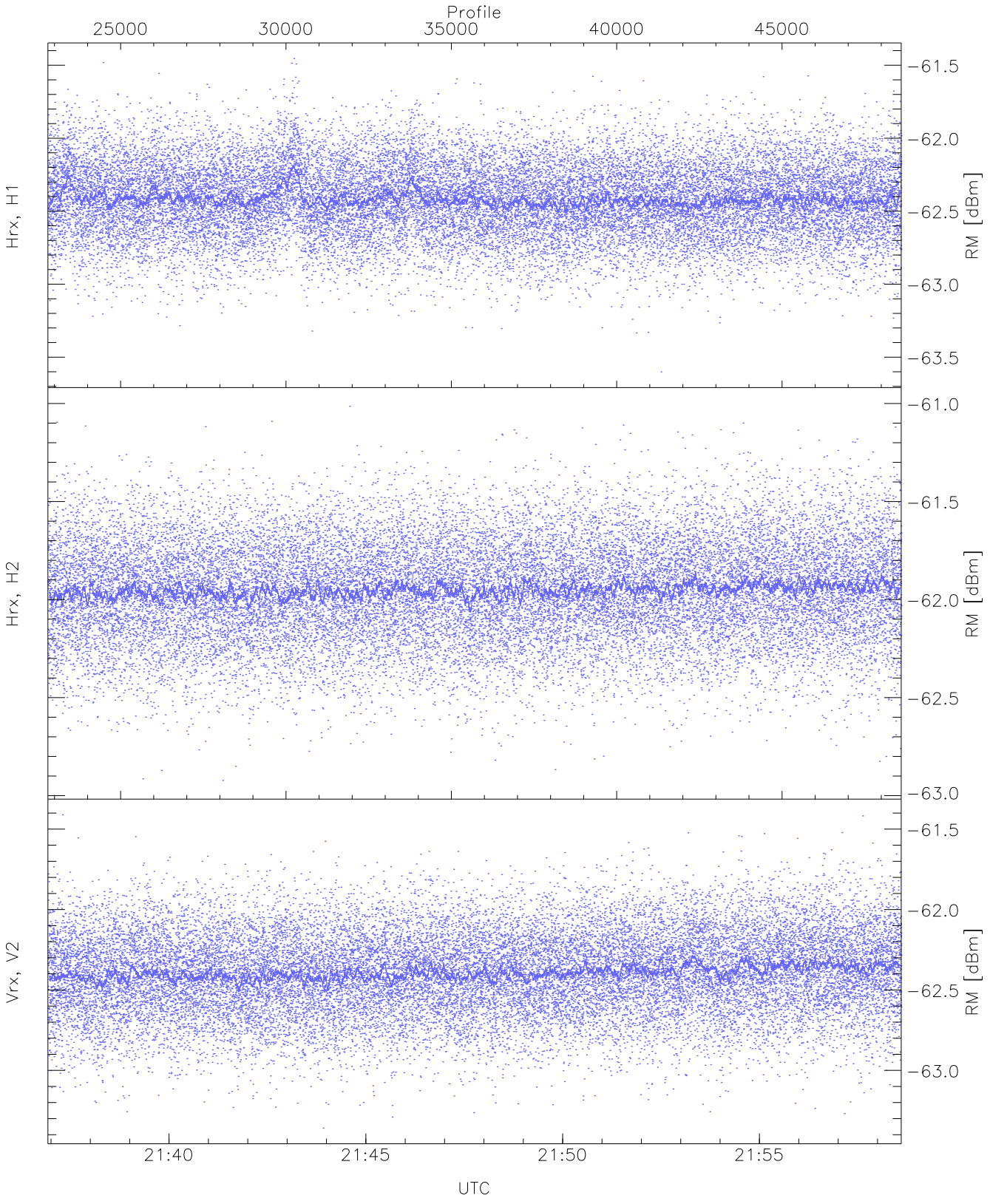
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.96	-60.96	-61.90	-61.91	-74.48
Hrx, H2(WL [dBm])	-62.85	-60.94	-61.90	-61.91	-74.48
Vrx, V2(WL [dBm])	-63.47	-61.48	-62.44	-62.44	-75.01



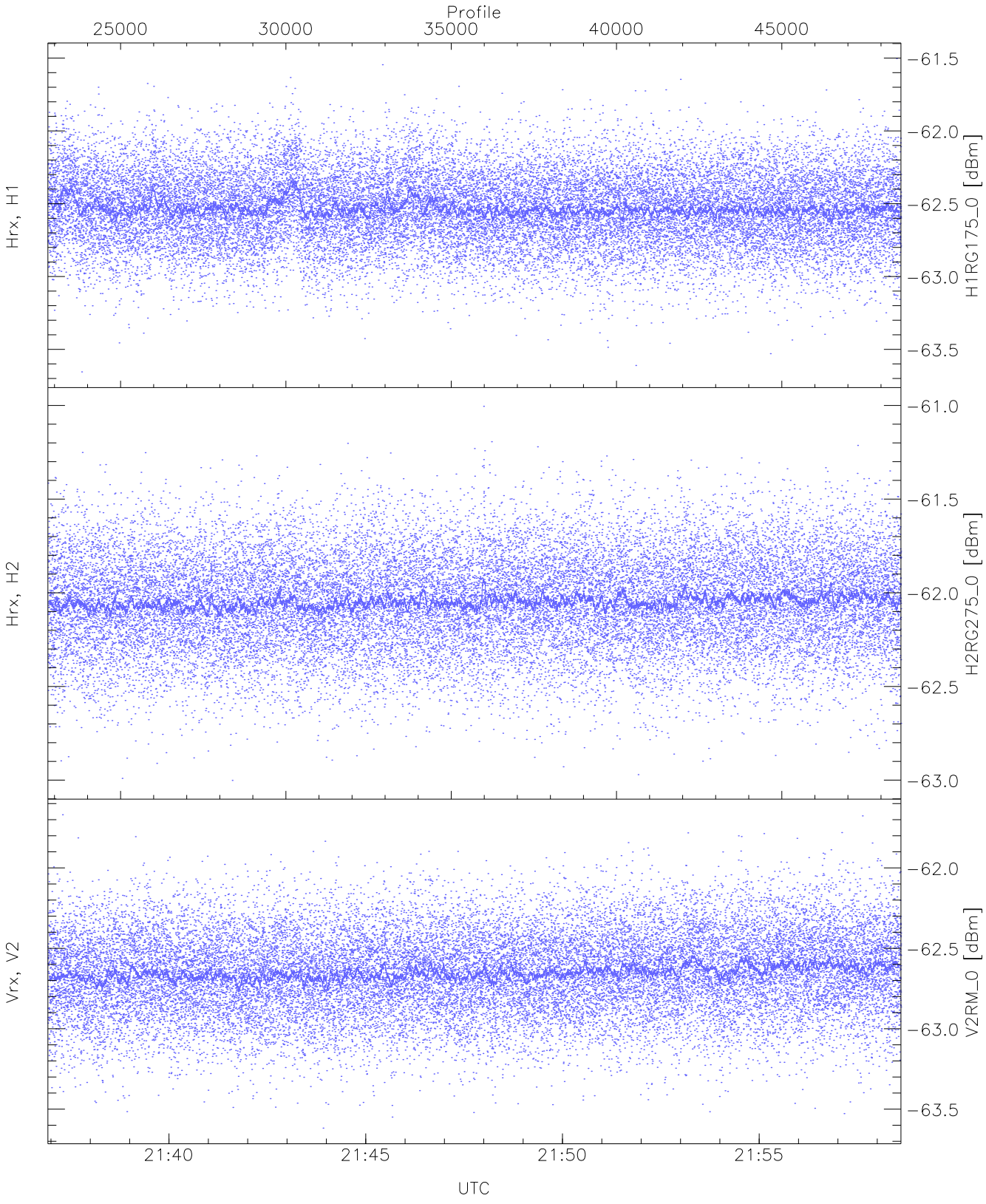
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.65	-60.64	-61.67	-61.67	-74.26
Hrx, H2(HL [dBm])	-62.63	-60.65	-61.67	-61.67	-74.24
Vrx, V2(HL [dBm])	-63.26	-61.22	-62.22	-62.23	-74.79



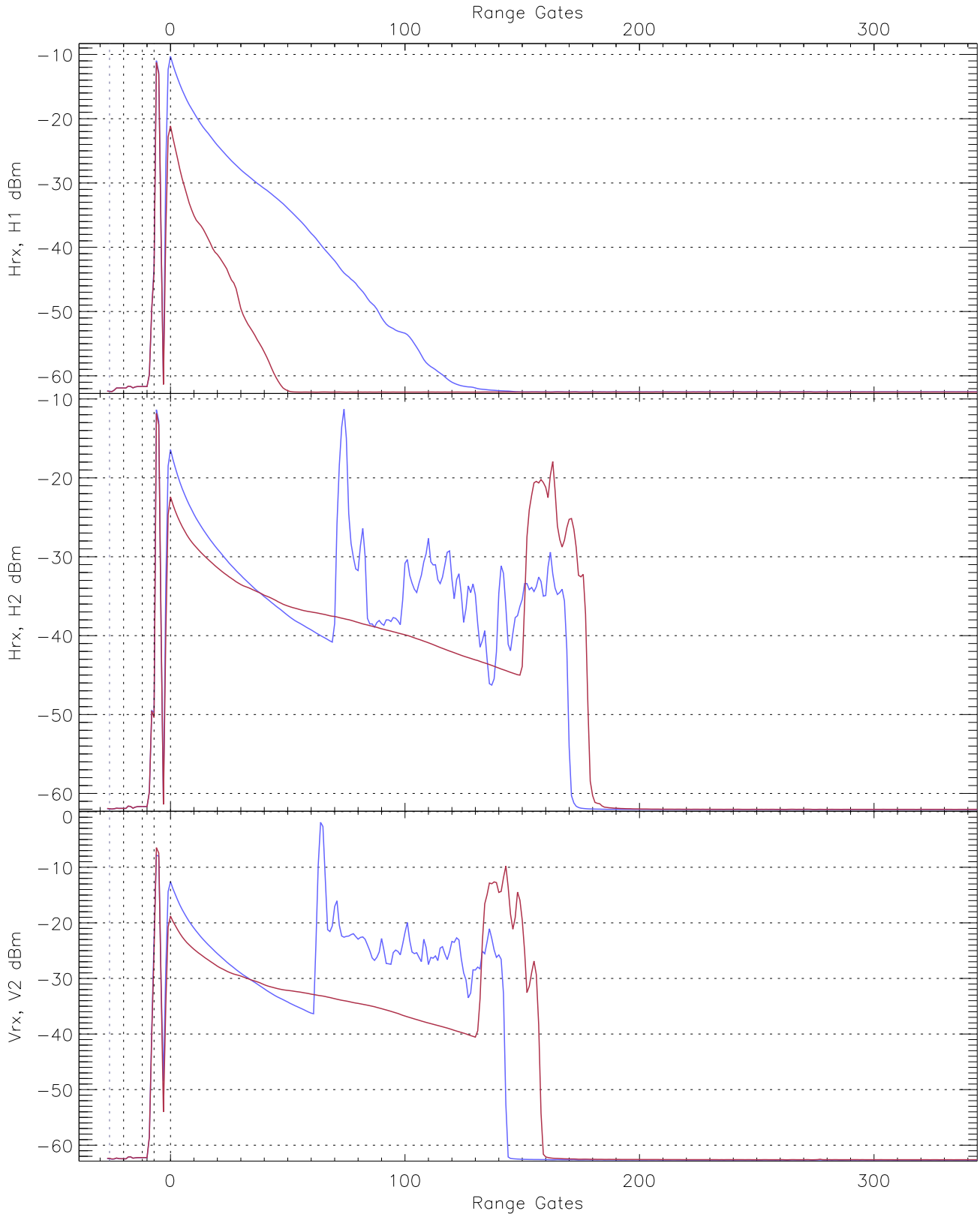
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.60	-61.45	-62.41	-62.42	-74.92
Hrx, H2(RM [dBm])	-62.92	-61.01	-61.95	-61.95	-74.51
Vrx, V2(RM [dBm])	-63.36	-61.41	-62.39	-62.39	-74.88

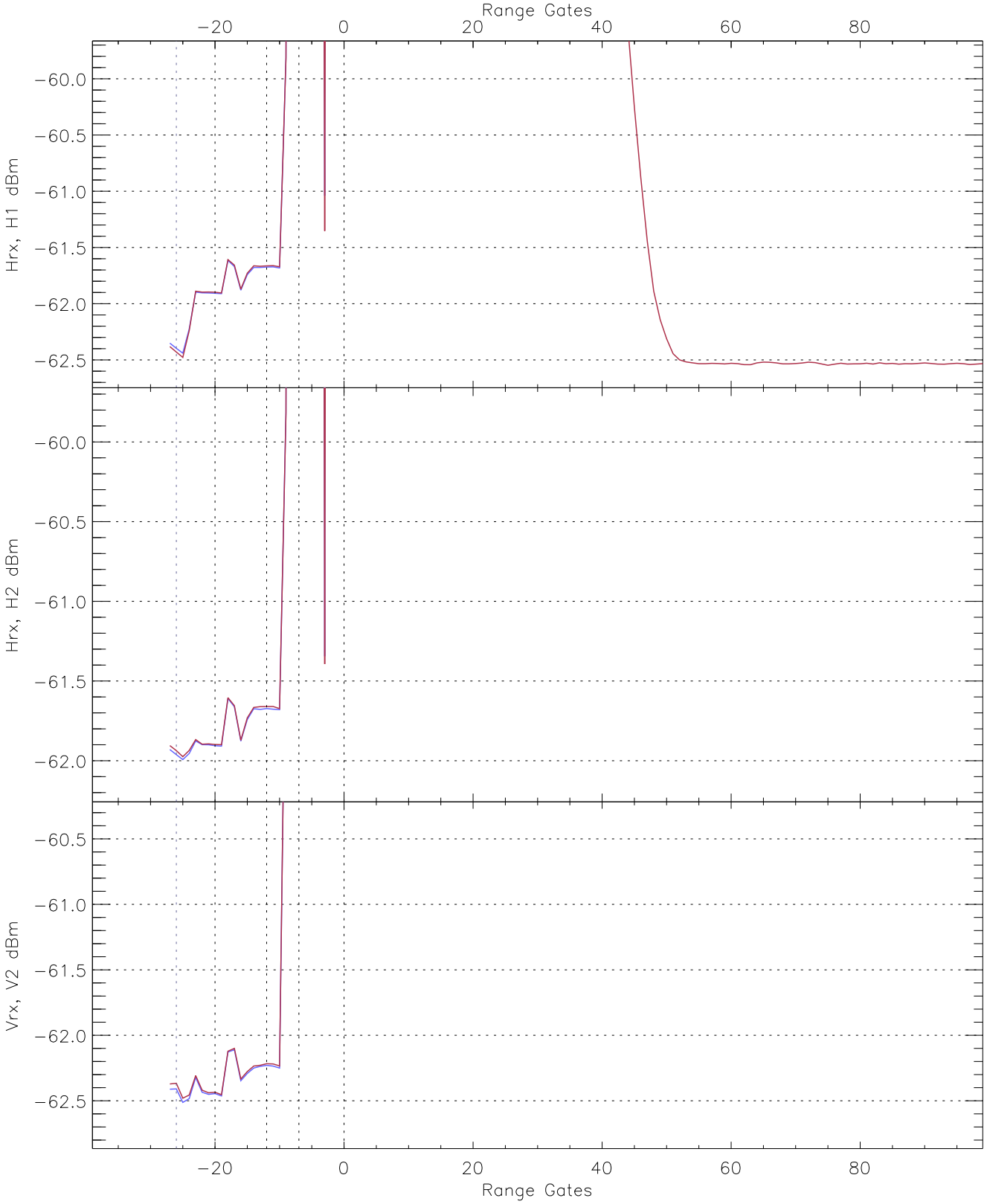


WCR2 CPP "Best" estimate Receivers Noise Power

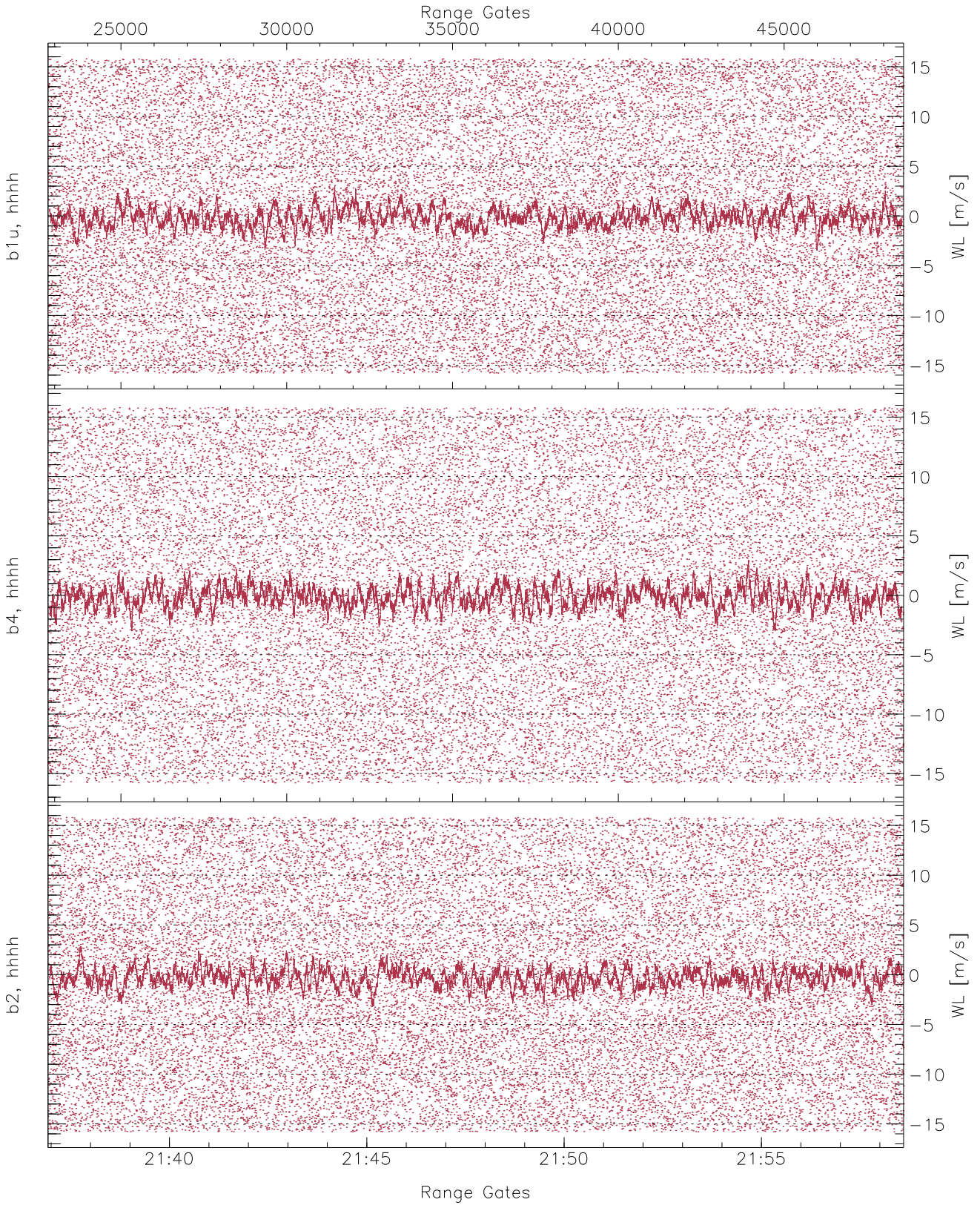
	Min	Max	Mean	Median	StDev
H1RG175_0 [dBm]	-63.65	-61.50	-62.53	-62.53	-75.04
H2RG275_0 [dBm]	-63.00	-61.00	-62.05	-62.05	-74.58
V2RM_0 [dBm]	-63.62	-61.67	-62.65	-62.65	-75.14



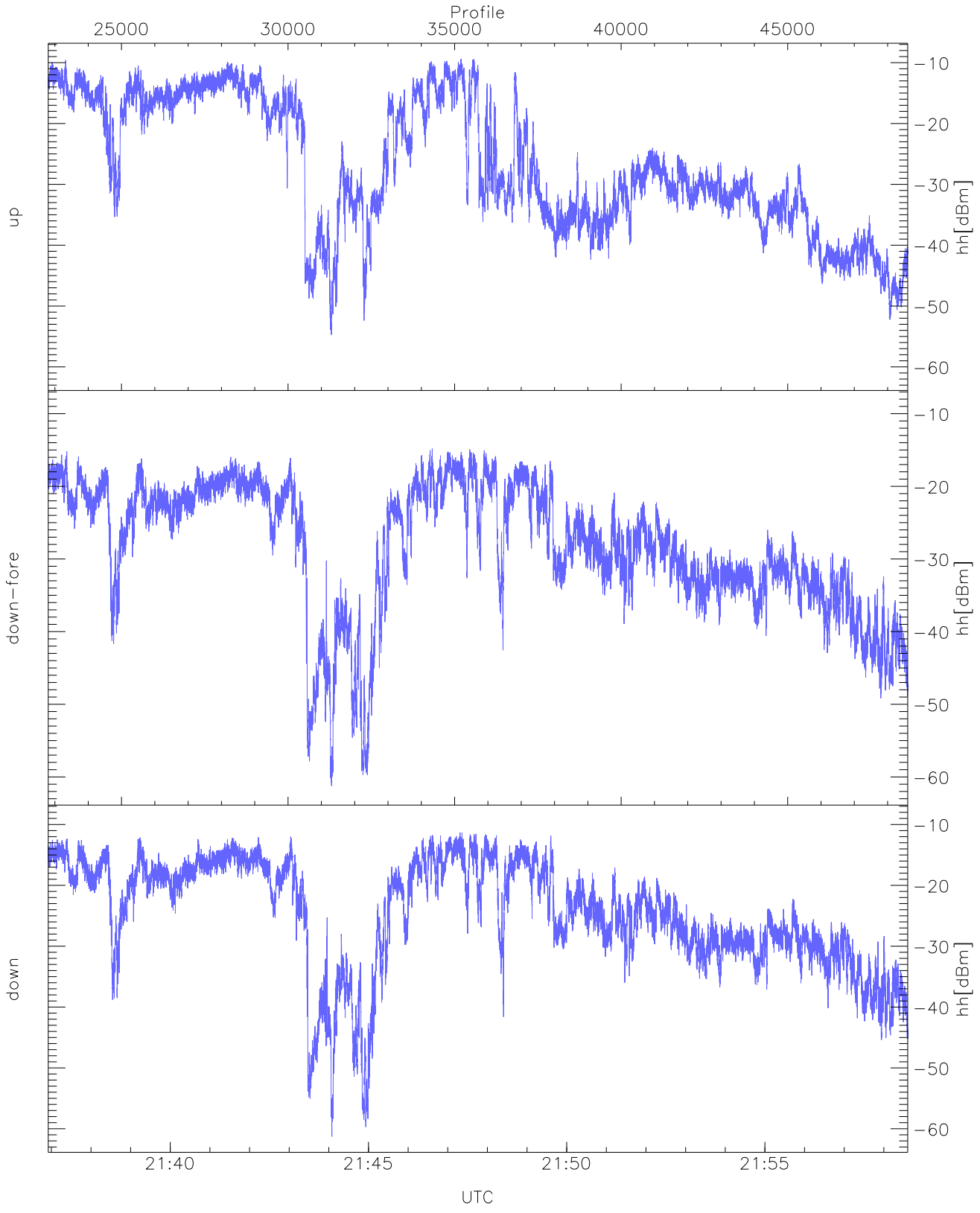
WCR2 CPP Averaged Received power for all recorded gates
blue: 213655-214746, 12903 profiles averaged
red: 214746-215836, 12903 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 213655-214746, 12903 profiles averaged
red: 214746-215836, 12903 profiles averaged

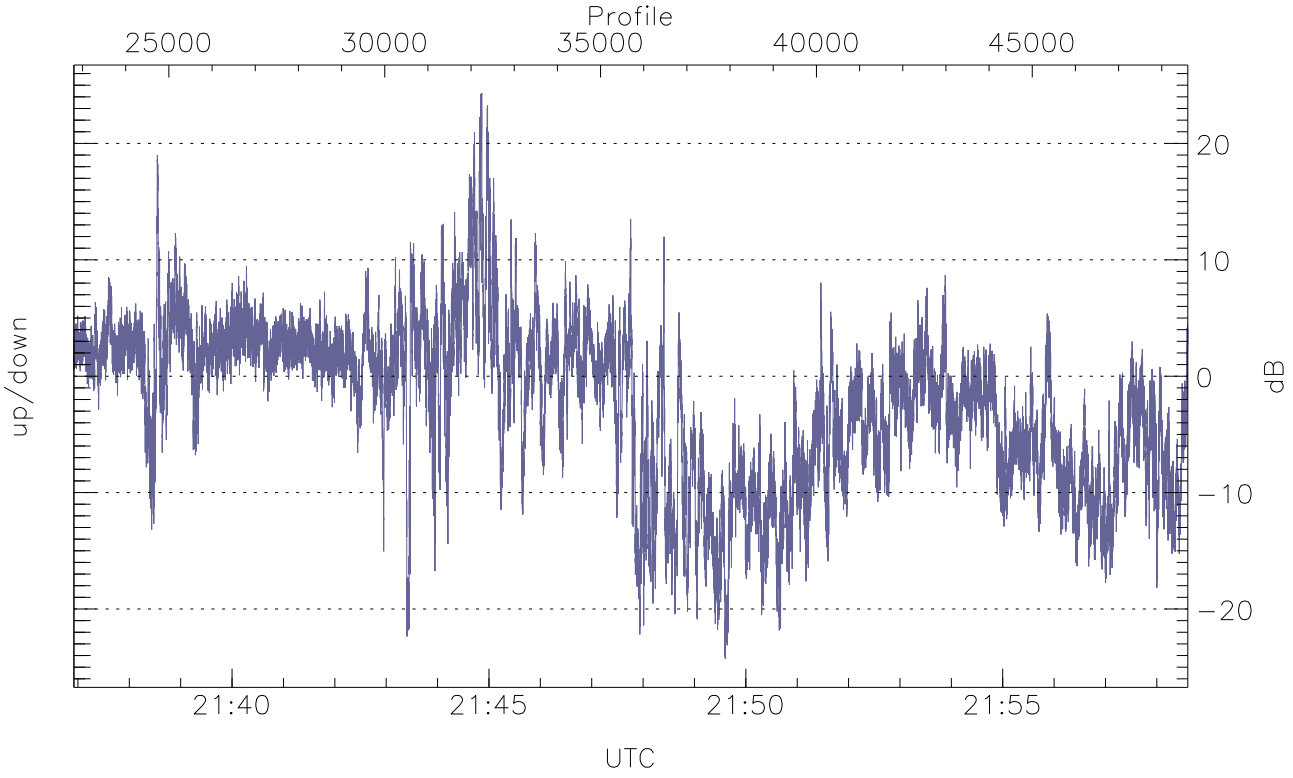


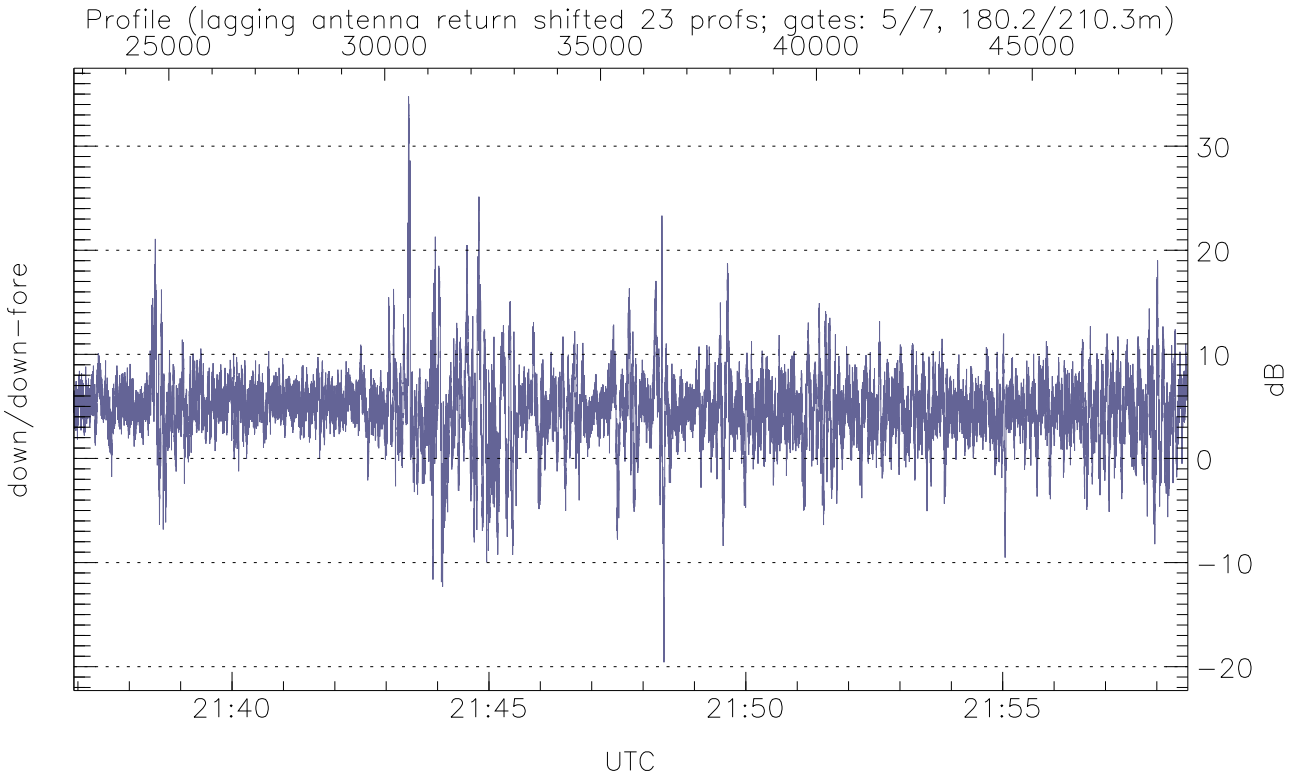
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

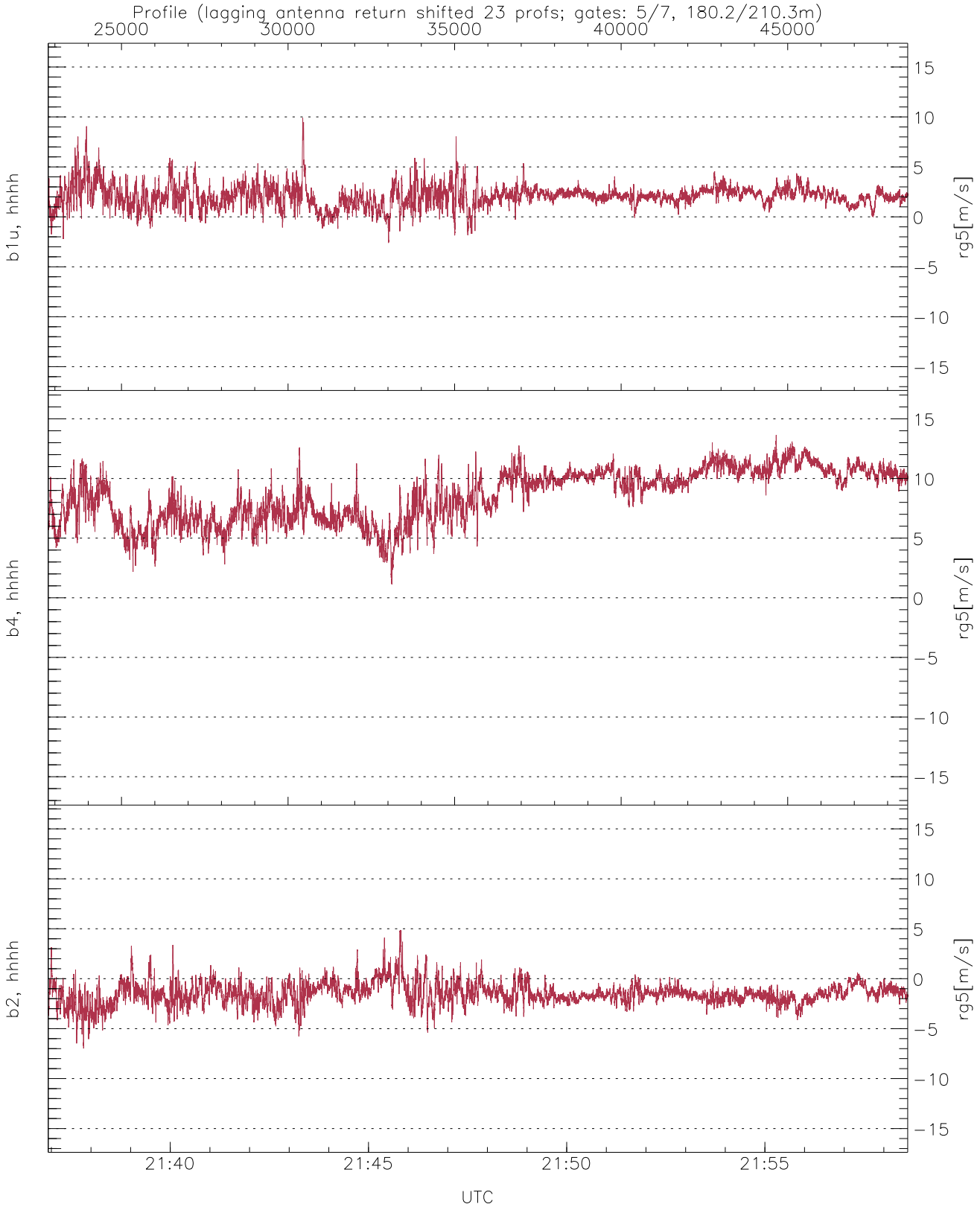
	Min	Max	Mean
up(hh[dBm])	-54.73	-9.40	-18.38
down-fore(hh[dBm])	-61.24	-14.82	-23.13
down(hh[dBm])	-61.28	-11.32	-19.40





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

	Min	Max	Mean
up/down(dB)	-24.30	24.31	-2.30
down/down-fore(dB)	-19.58	34.77	4.77



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-2.61	9.90	2.07	1.11
b4, hhhh(rg5[m/s])	1.12	13.65	8.59	2.16
b2, hhhh(rg5[m/s])	-6.99	4.88	-1.51	1.09