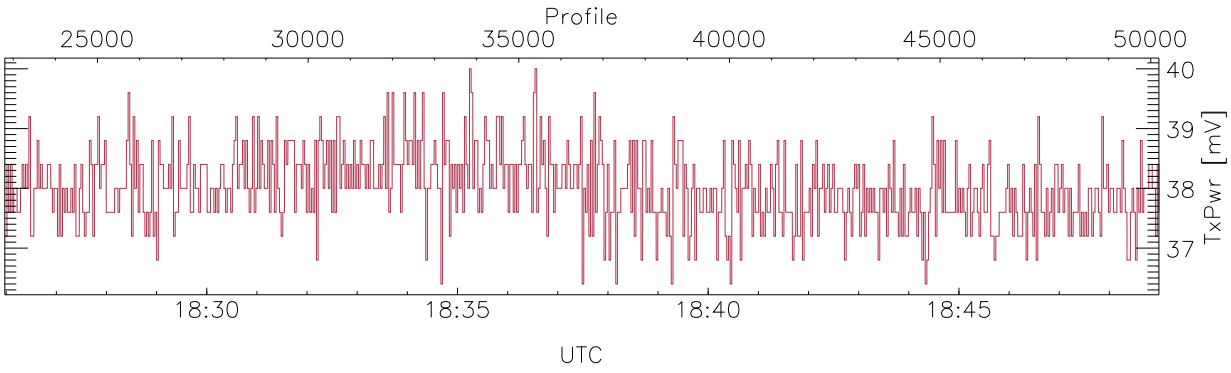
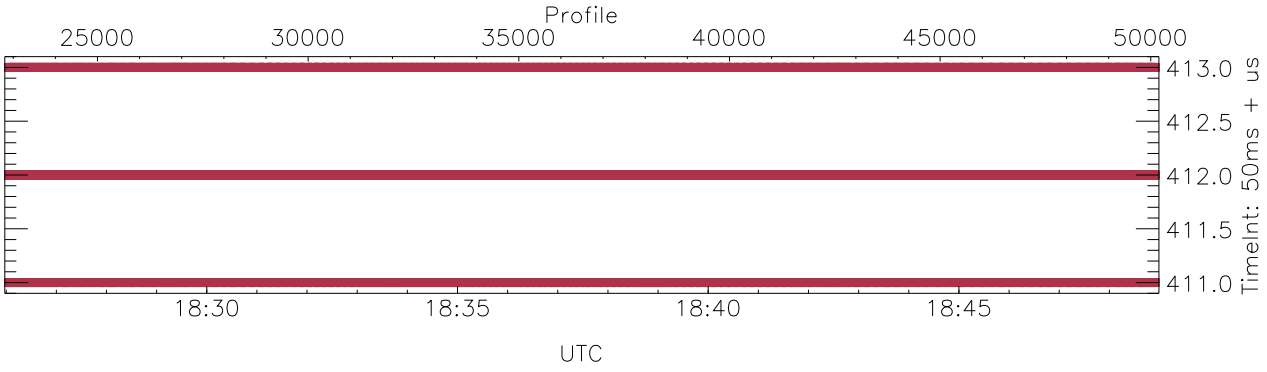
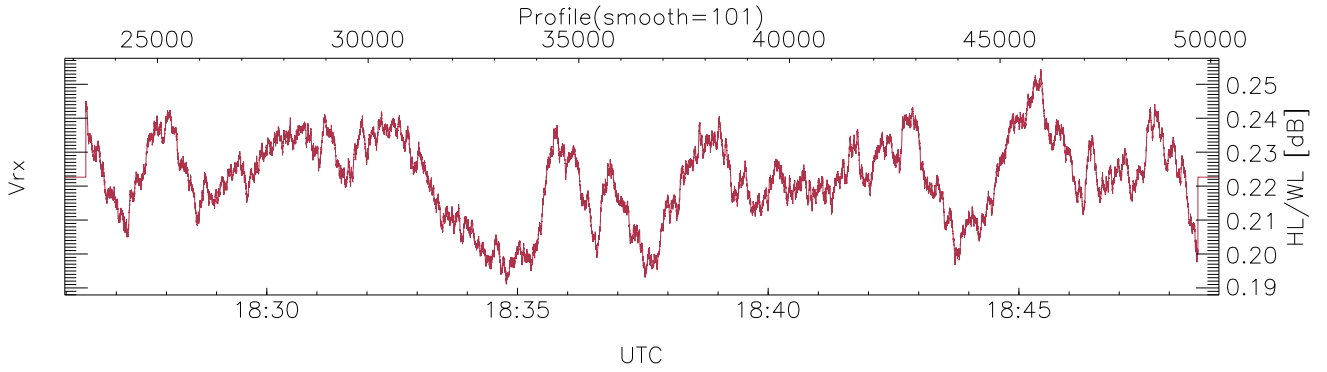
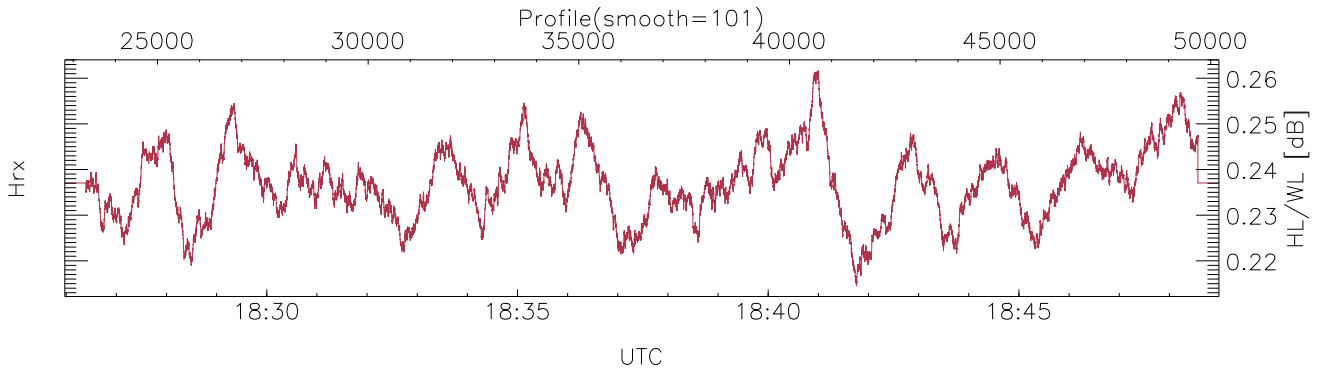


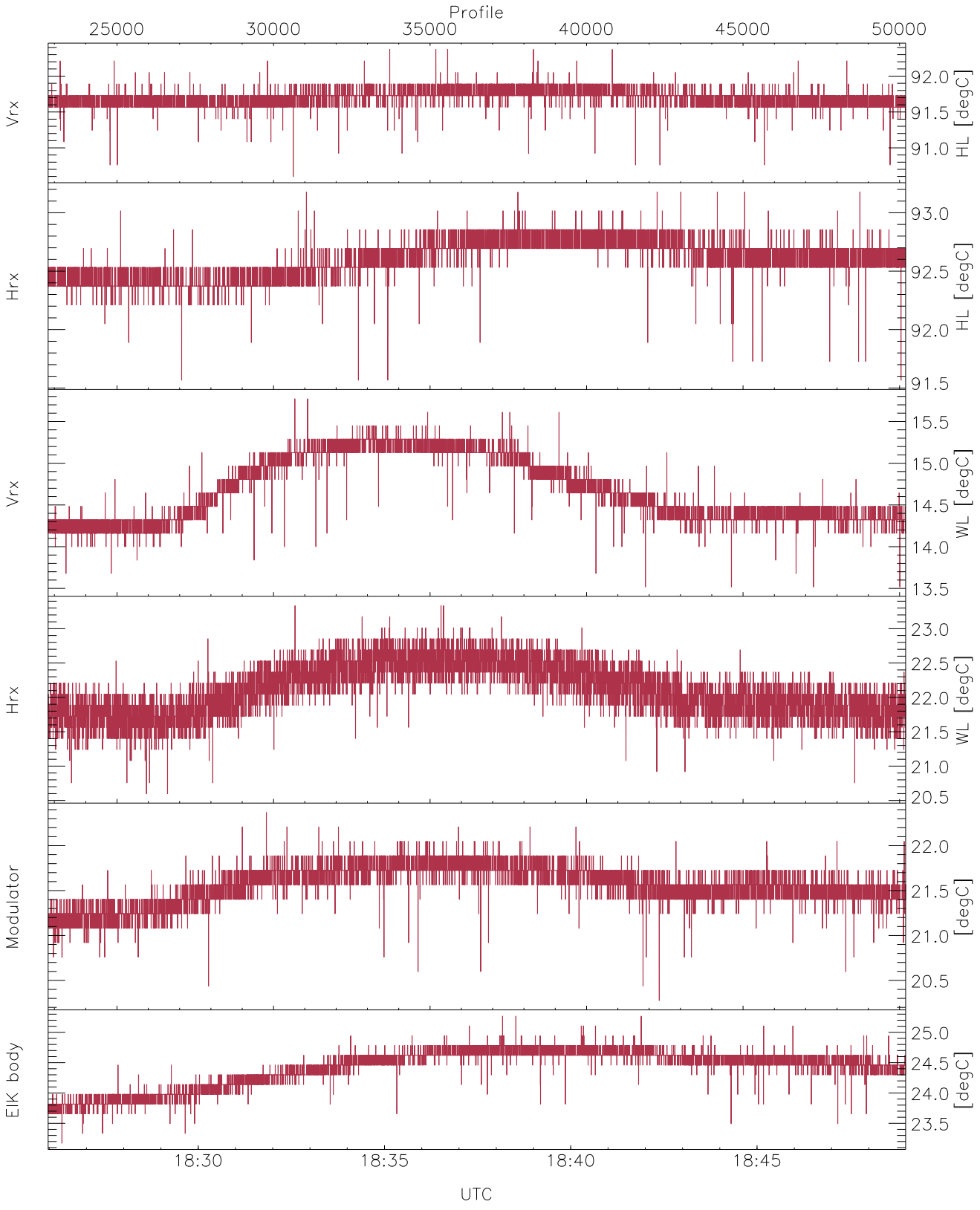






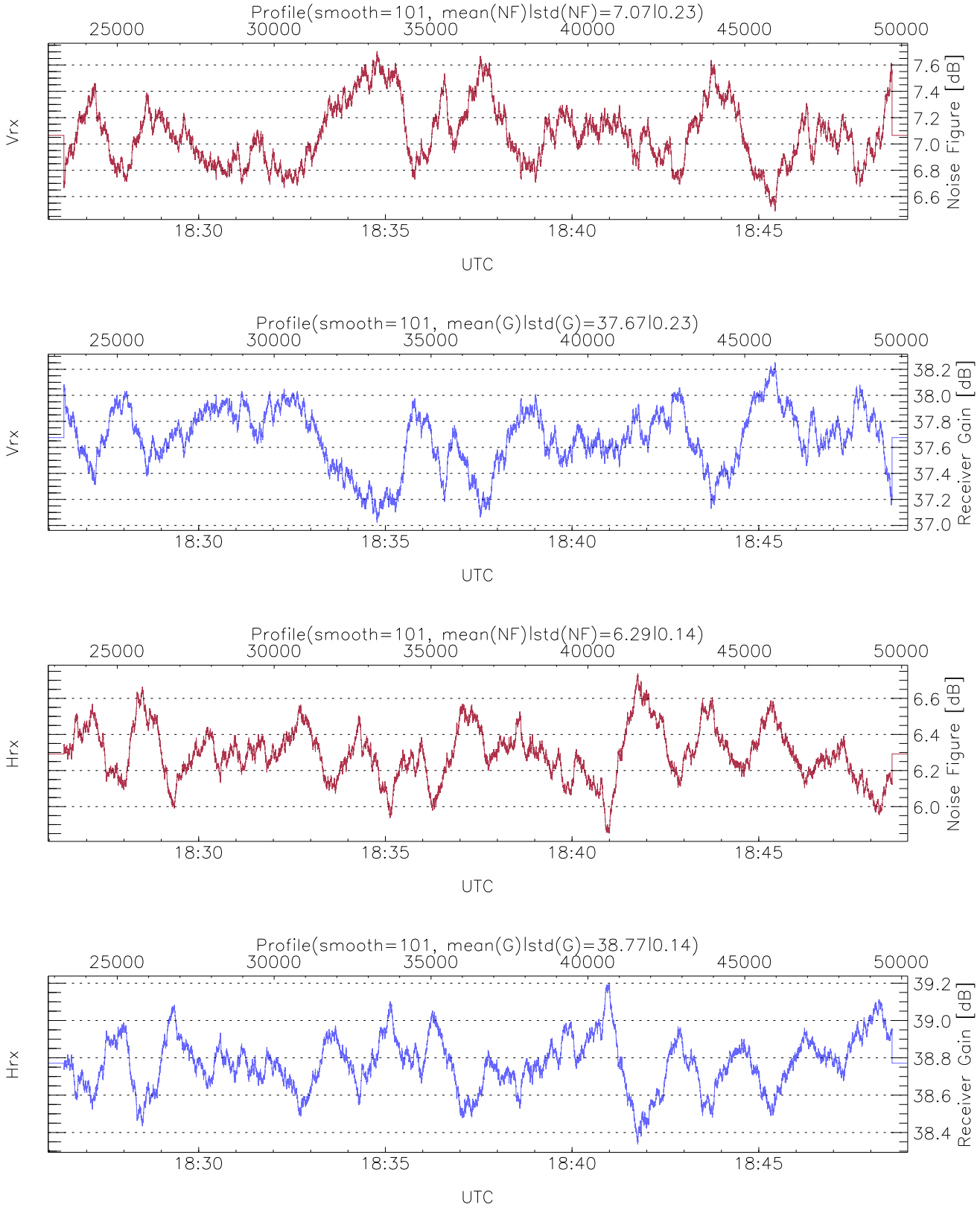
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 18:06:49-18:48:59, Dur: 2530.41s
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): 27395/50195, 22800-50194/18:25:58-18:48:59
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



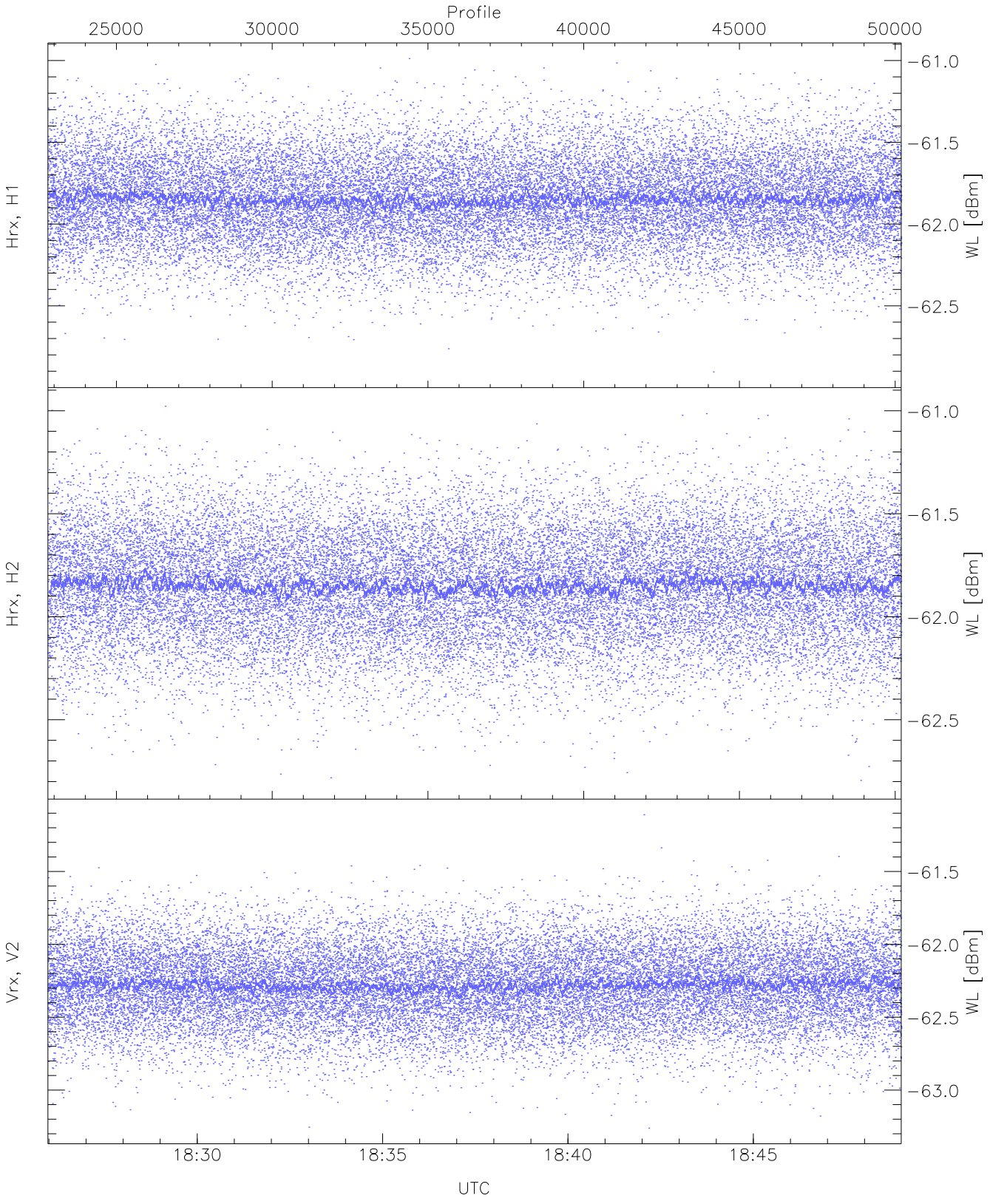
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,13,20,20,23
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,15,23,22,25
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (15,15,15,15,15,11)



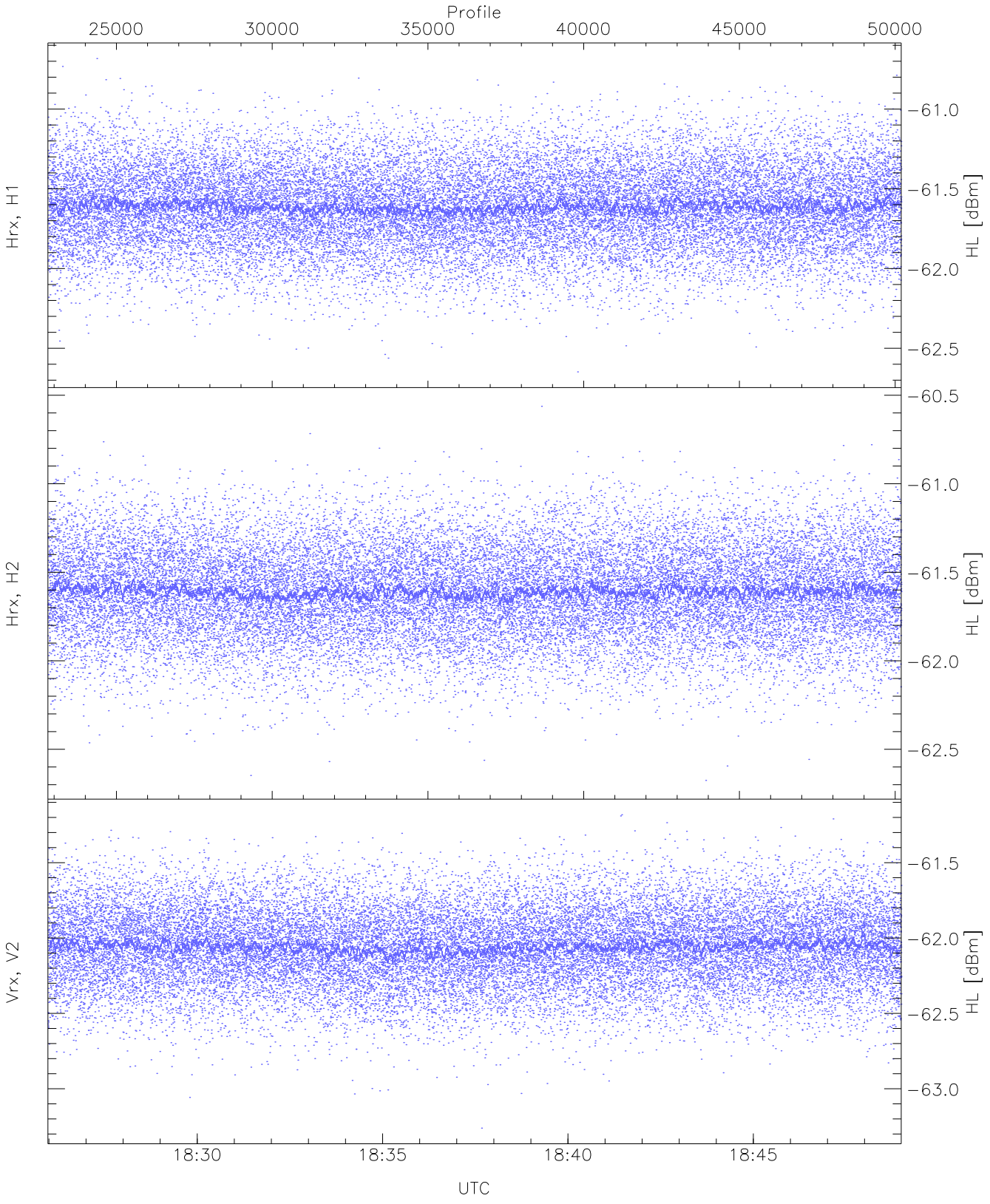
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 8532 pixs, 105 gates, 7560 profs, 2 prods



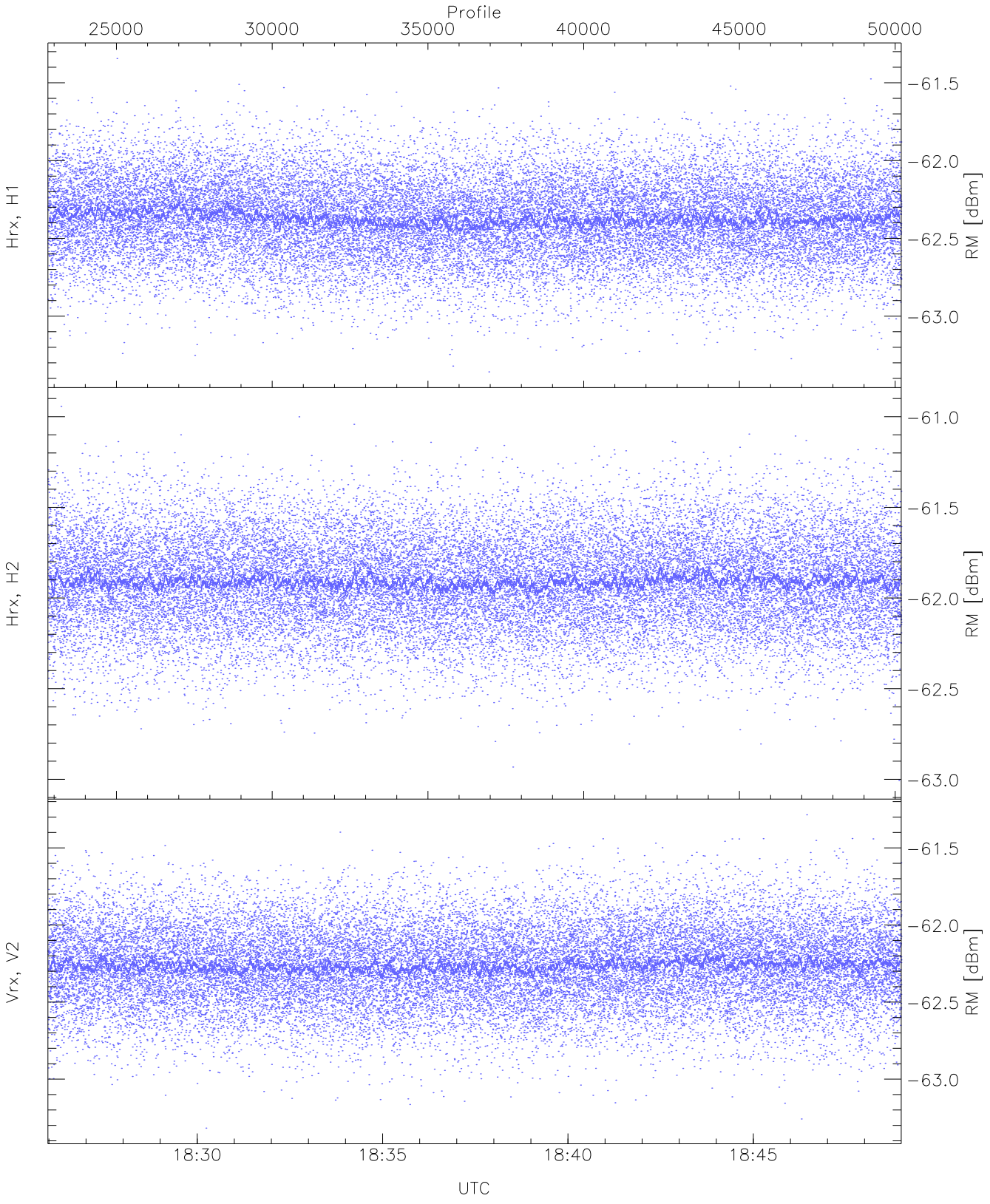
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.90	-60.99	-61.85	-61.85	-74.41
Hrx, H2(WL [dBm])	-62.79	-60.98	-61.84	-61.85	-74.41
Vrx, V2(WL [dBm])	-63.26	-61.11	-62.28	-62.28	-74.83



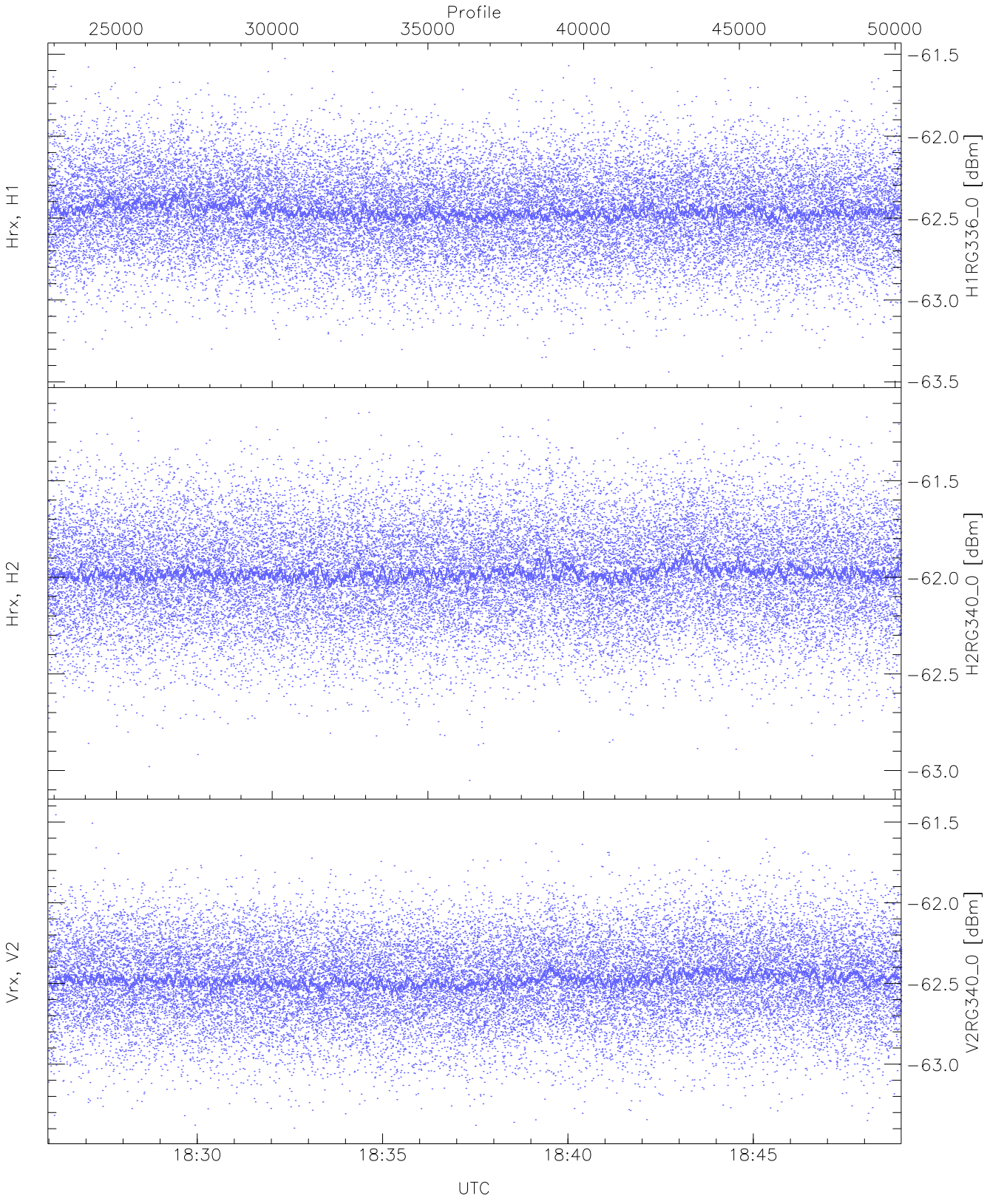
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.65	-60.68	-61.61	-61.61	-74.21
Hrx, H2(HL [dBm])	-62.68	-60.56	-61.61	-61.61	-74.19
Vrx, V2(HL [dBm])	-63.26	-61.18	-62.05	-62.06	-74.60



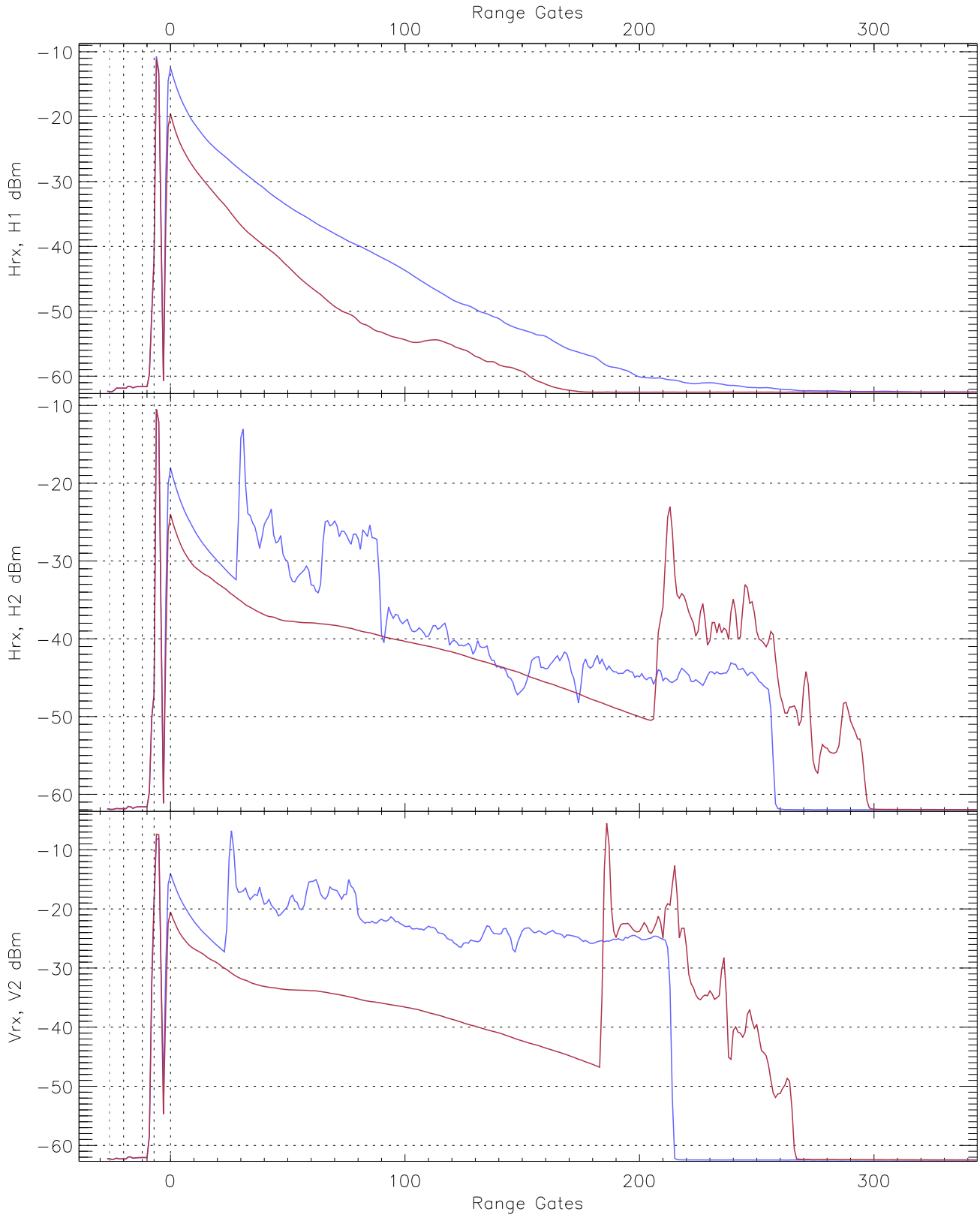
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.36	-61.34	-62.37	-62.37	-74.91
Hrx, H2(RM [dBm])	-63.01	-60.94	-61.91	-61.91	-74.49
Vrx, V2(RM [dBm])	-63.32	-61.29	-62.26	-62.27	-74.81

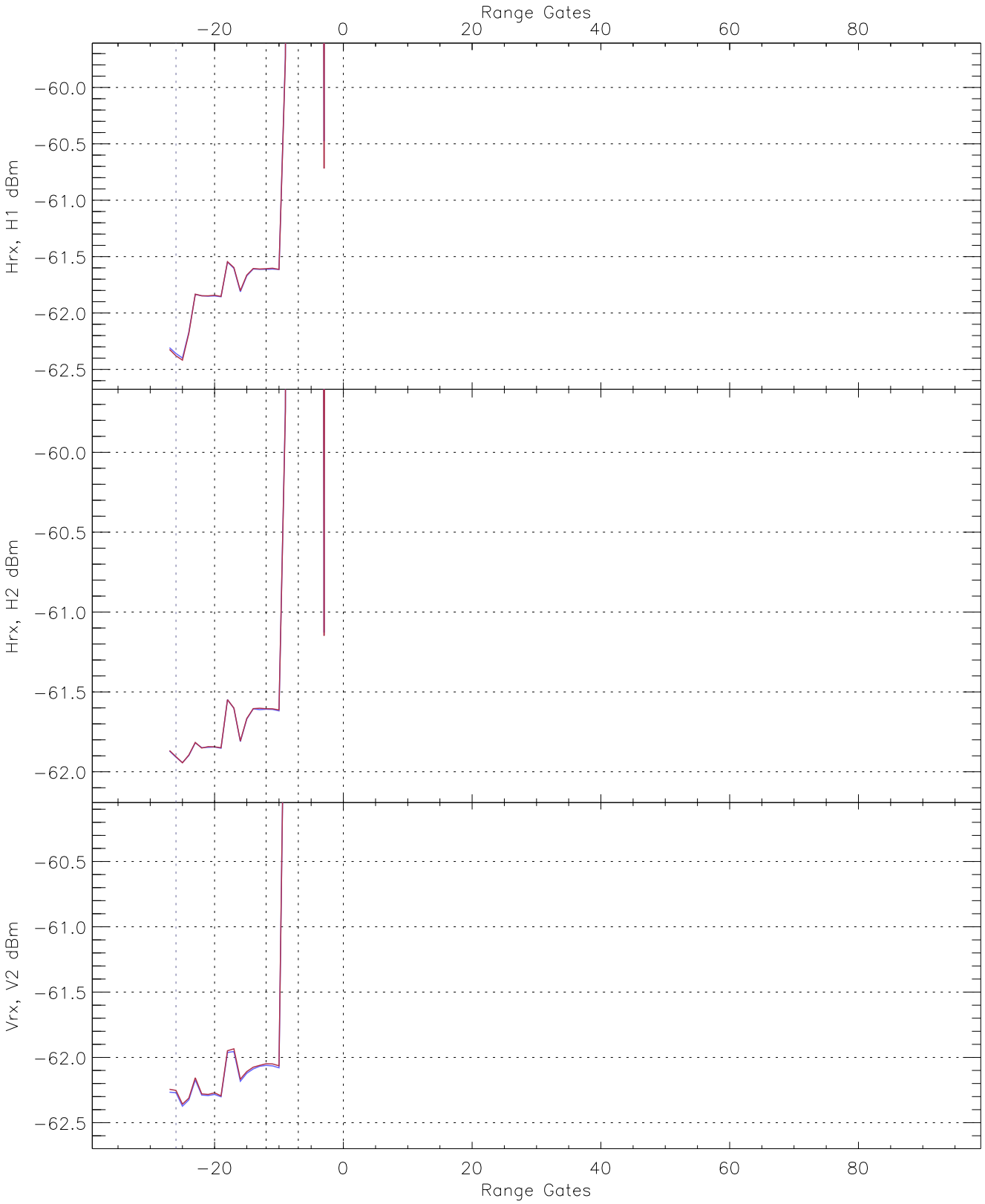


WCR2 CPP "Best" estimate Receivers Noise Power

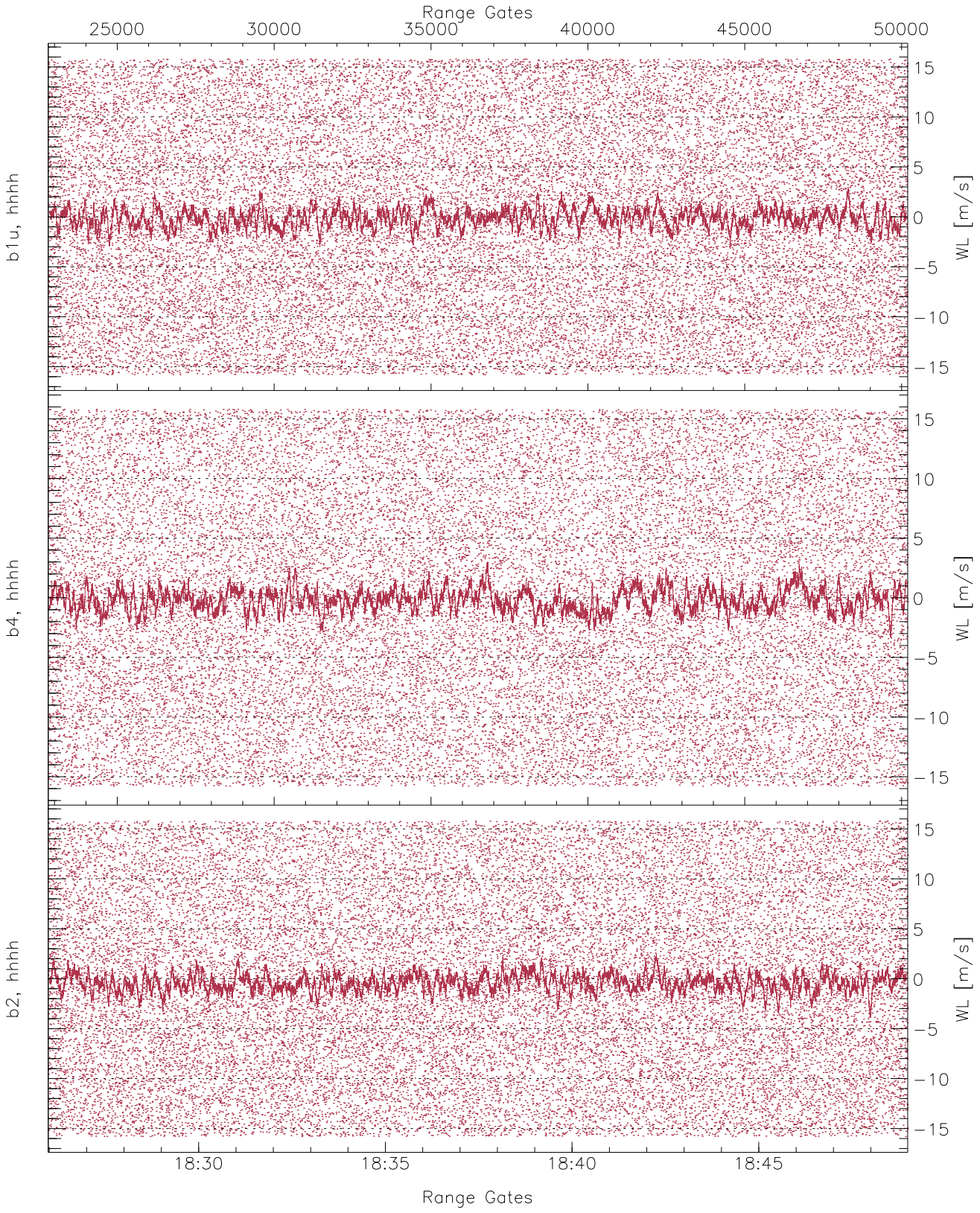
	Min	Max	Mean	Median	StDev
H1RG336_0 [dBm]	-63.44	-61.53	-62.46	-62.46	-75.01
H2RG340_0 [dBm]	-63.05	-61.12	-61.98	-61.98	-74.54
V2RG340_0 [dBm]	-63.40	-61.46	-62.47	-62.48	-75.03



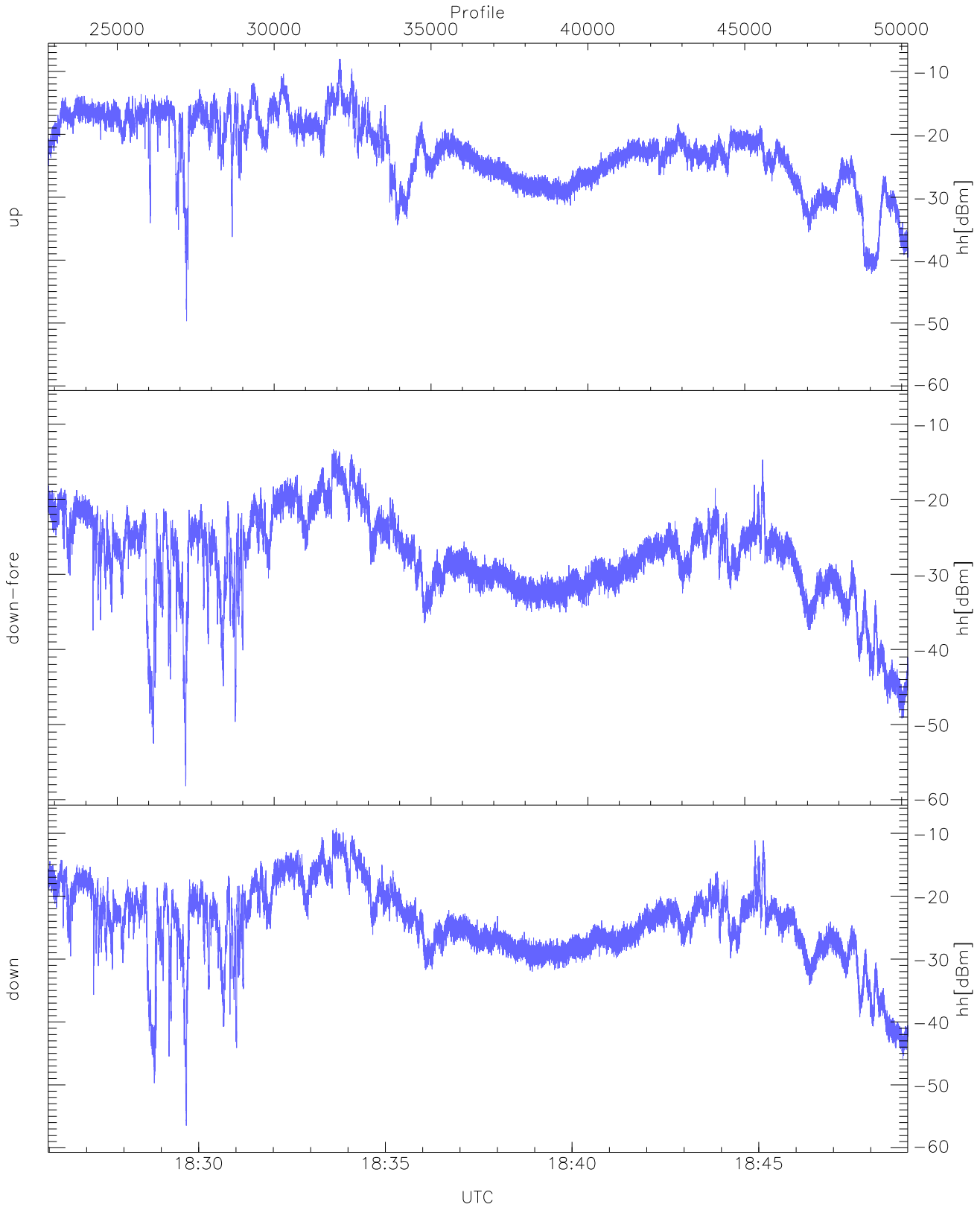
WCR2 CPP Averaged Received power for all recorded gates
blue: 182558-183729, 13698 profiles averaged
red: 183729-184859, 13698 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 182558-183729, 13698 profiles averaged
red: 183729-184859, 13698 profiles averaged

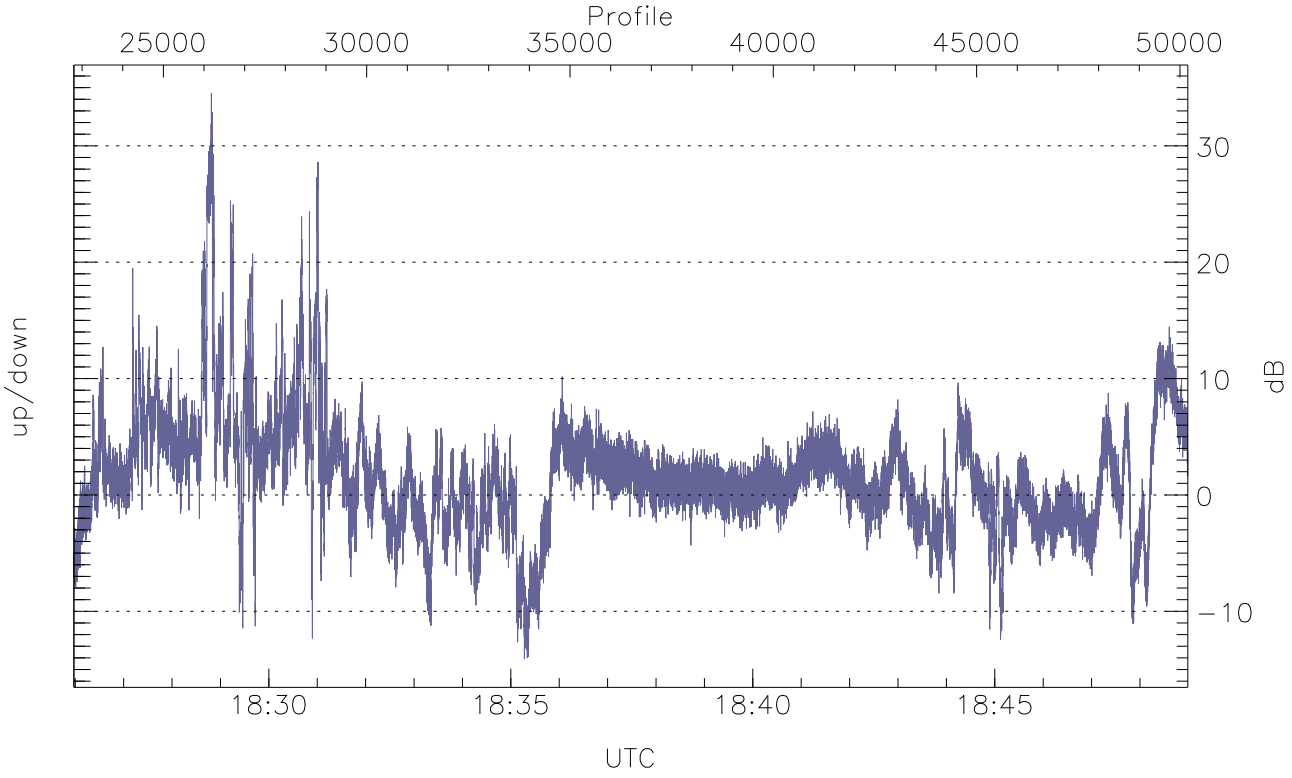


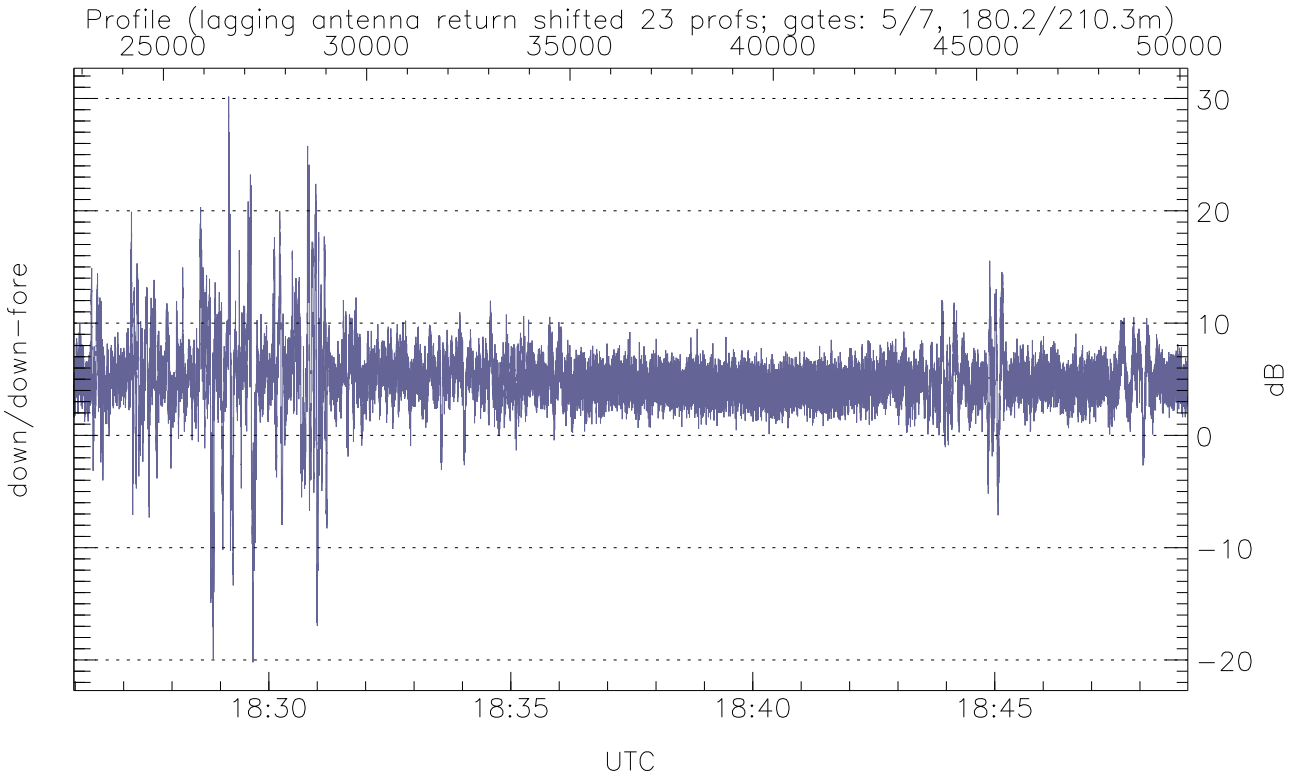
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

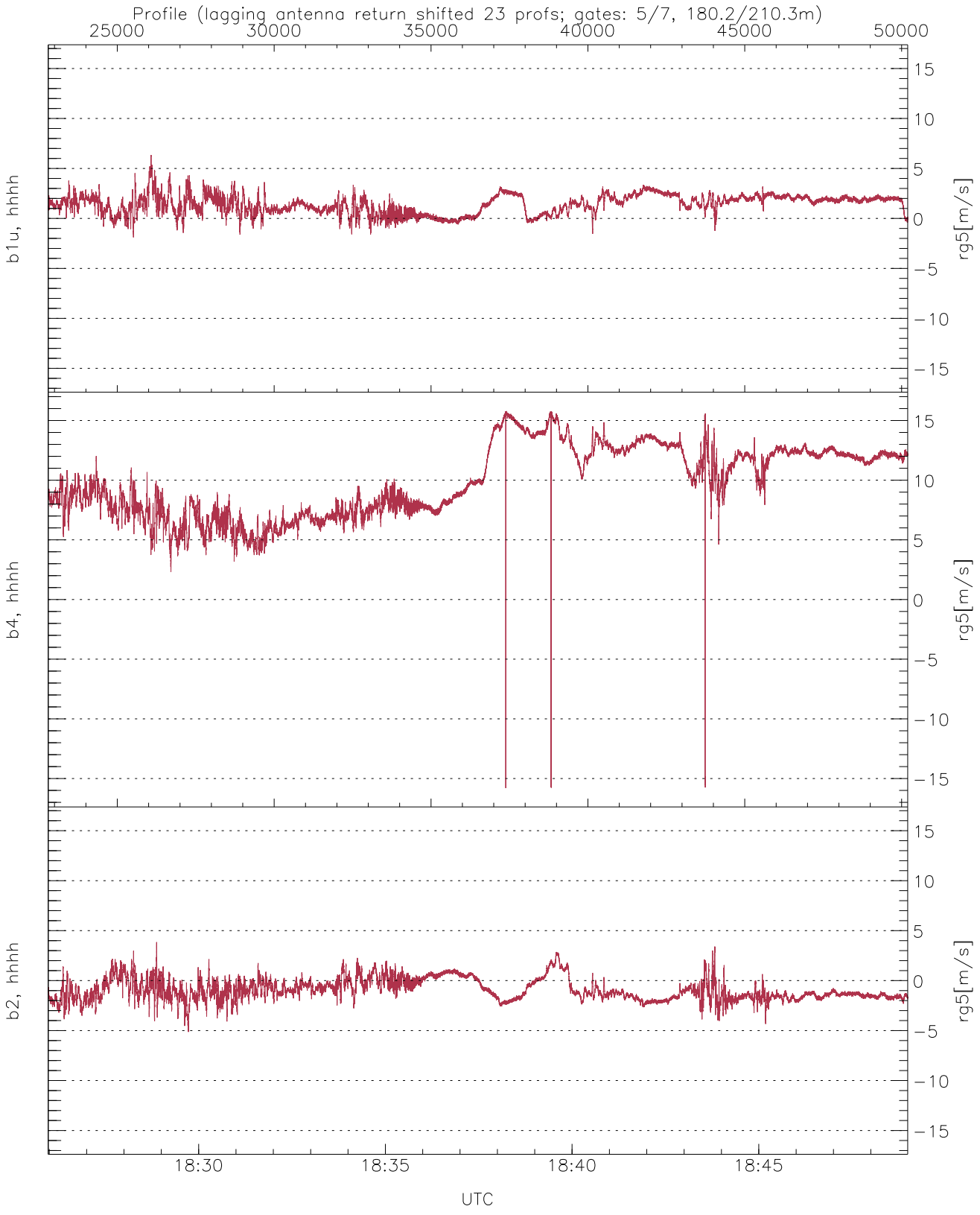
	Min	Max	Mean
up(hh[dBm])	-49.69	-8.03	-19.94
down-fore(hh[dBm])	-58.21	-13.34	-24.78
down(hh[dBm])	-56.47	-9.21	-20.90





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

	Min	Max	Mean
up/down(dB)	-14.10	34.51	1.62
down/down-fore(dB)	-20.20	30.18	4.94



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-1.89	6.35	1.40	0.95
b4, hhhh(rg5[m/s])	-15.80	15.79	9.91	2.98
b2, hhhh(rg5[m/s])	-5.14	3.85	-0.92	1.08