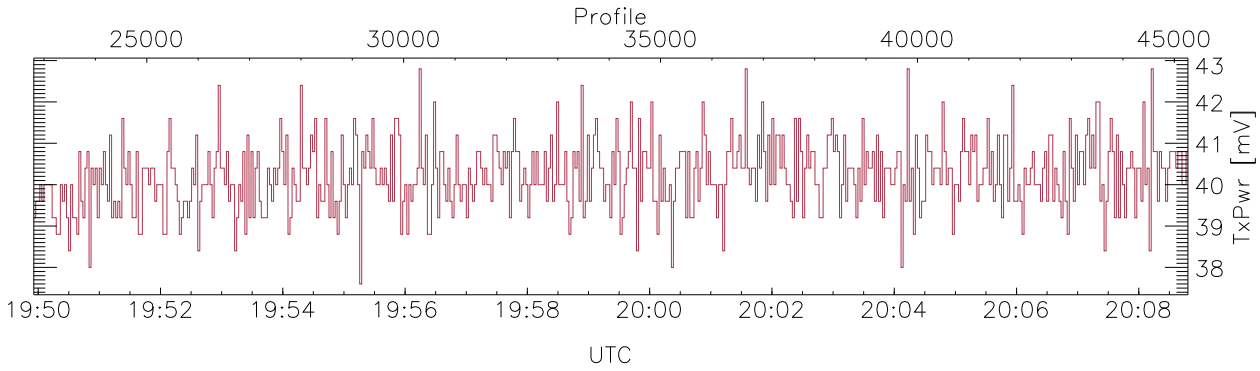
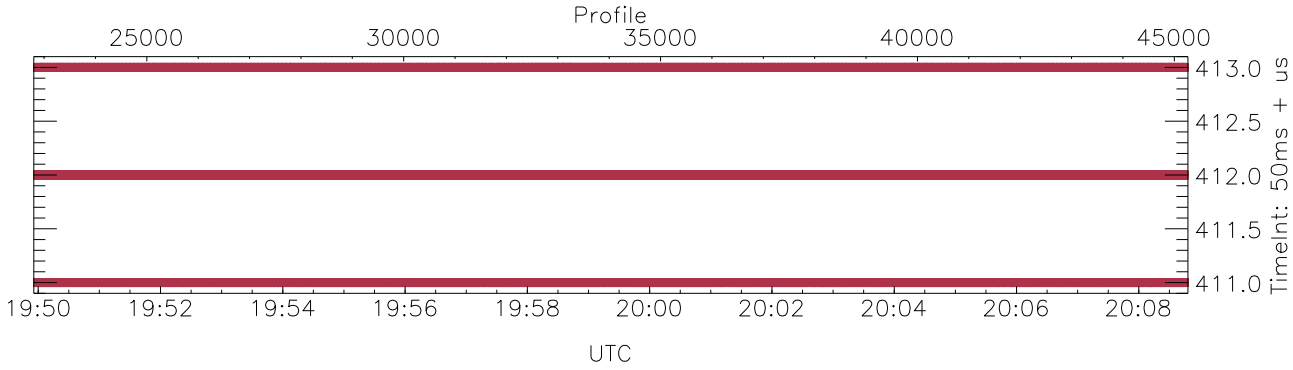
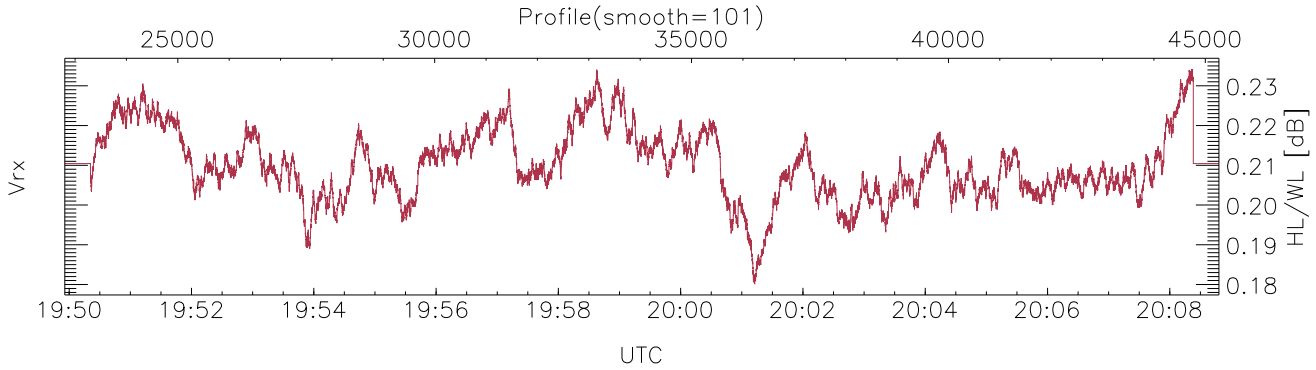
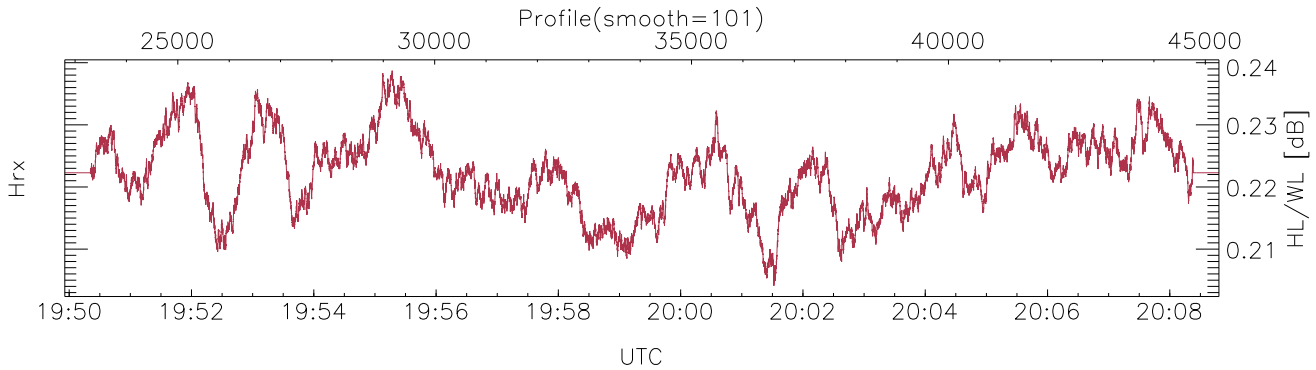


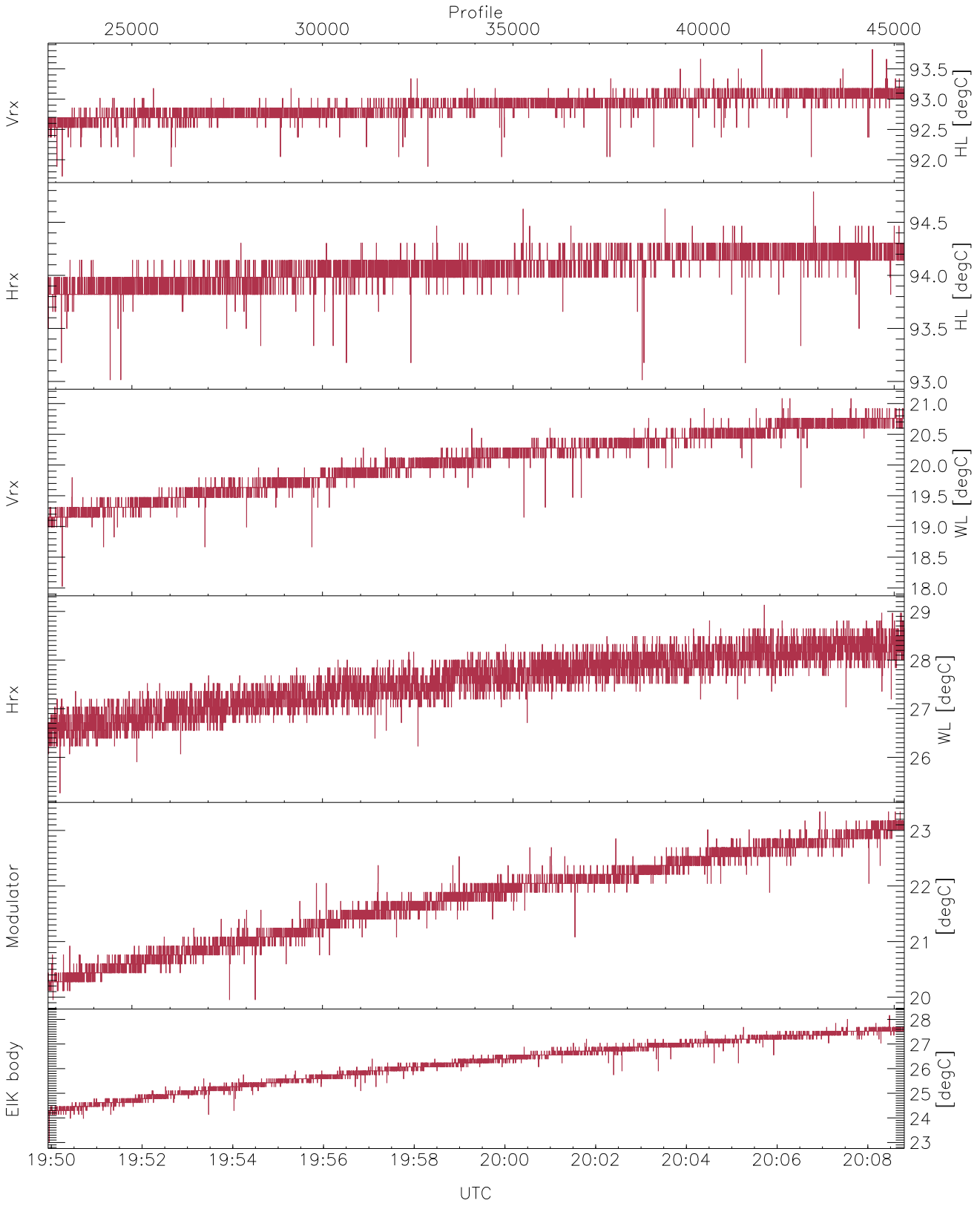






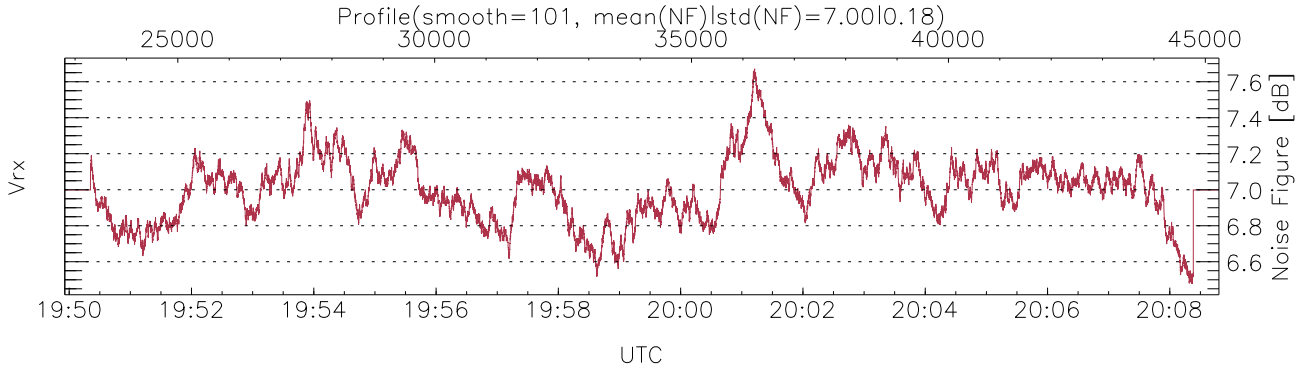
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

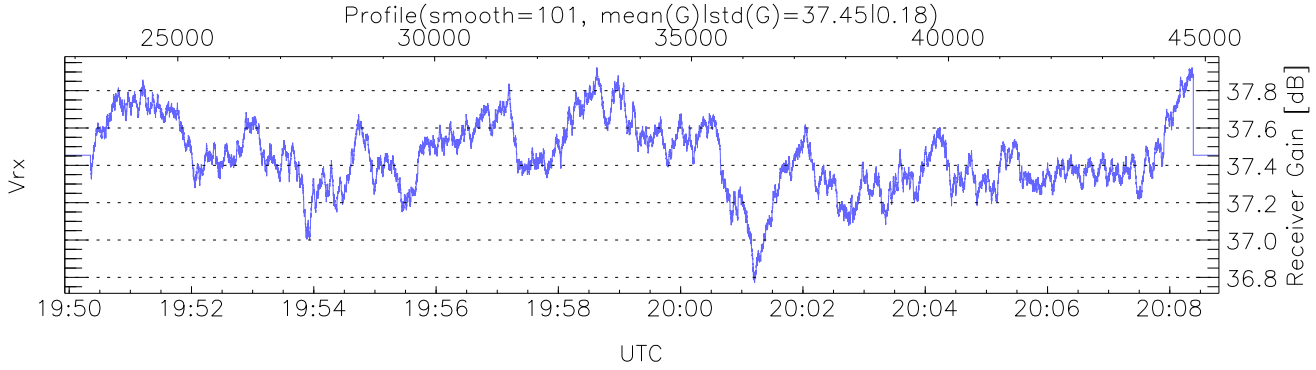
UTC: 19:30:46-20:08:48, Dur: 2281.98s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
NumRec(r/t): 22467/45267, 22800-45266/19:49:56-20:08:48
AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
PRF: 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|sideup|error): 1

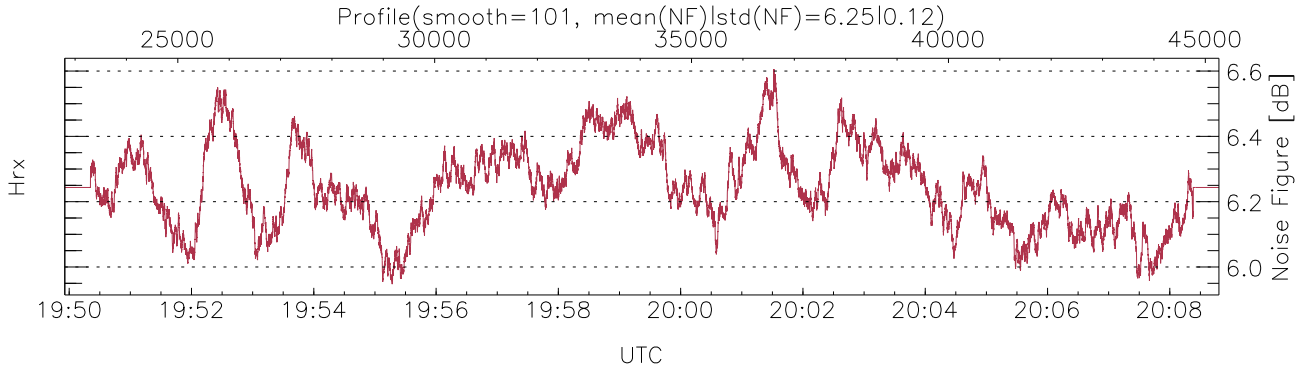


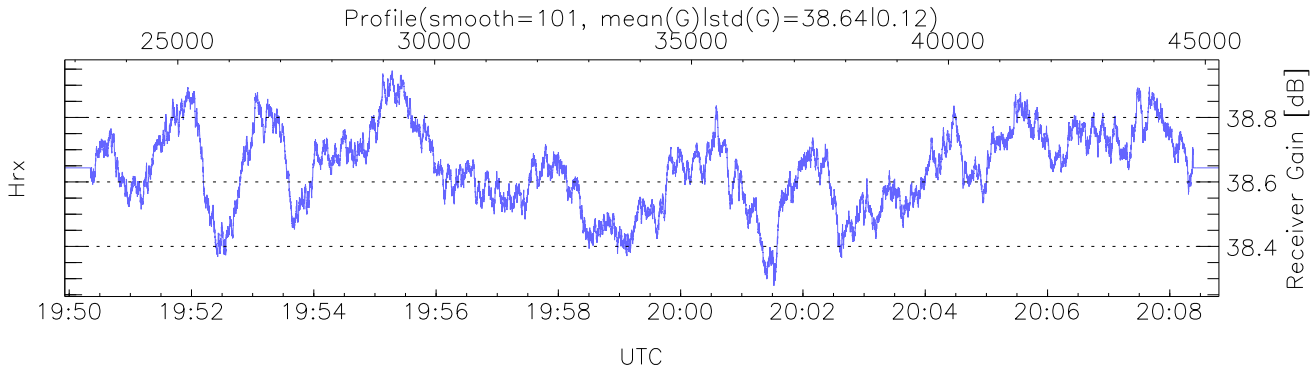
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,18,25,19,23
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,21,29,23,28
LOalarm(20,80,240,2.8,14.8 MHz): 5,0,0,0,0
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty (21,21,21,21,21)



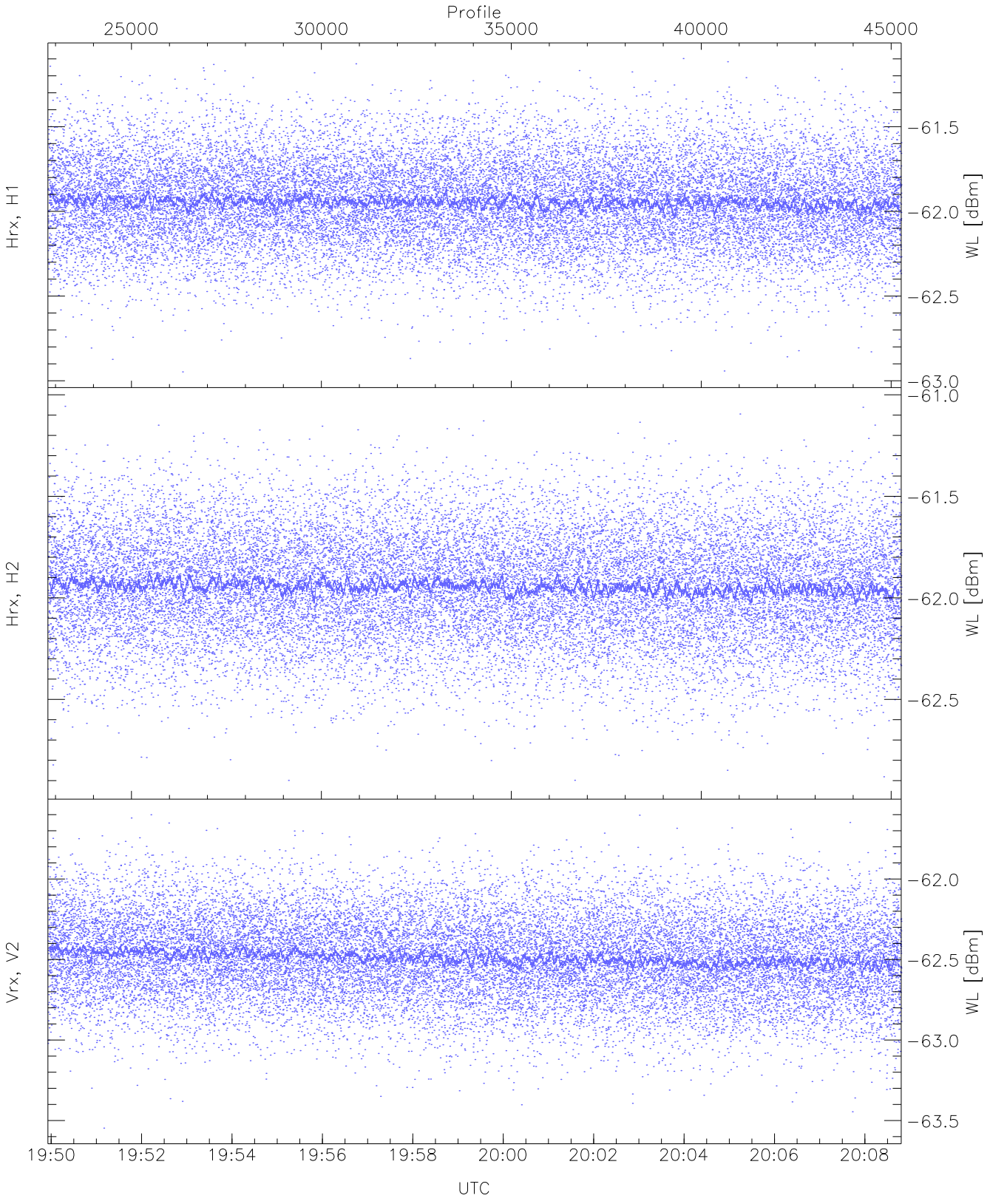






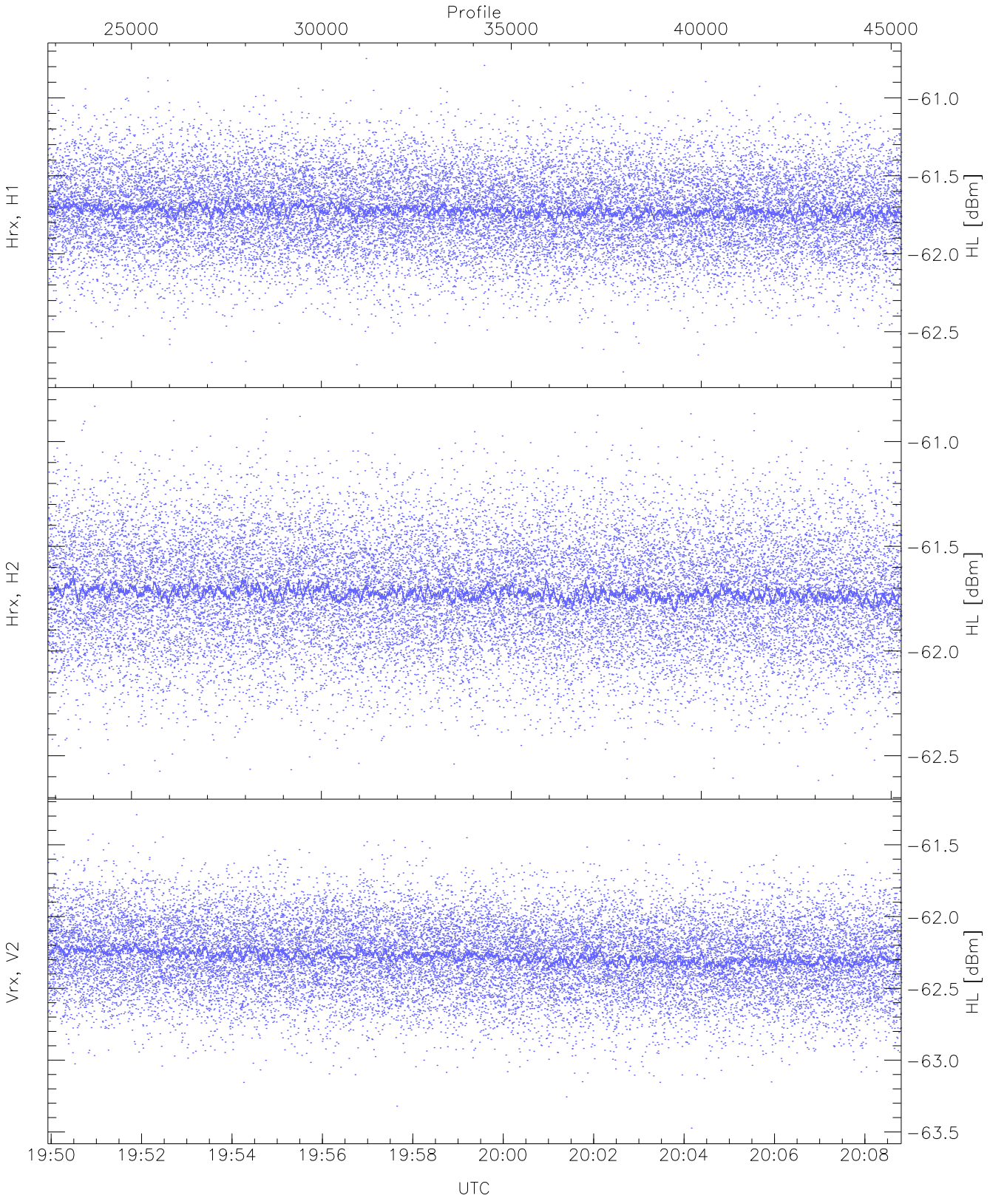
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 1500 pixs, 4 gates, 1500 profs, 1 prods



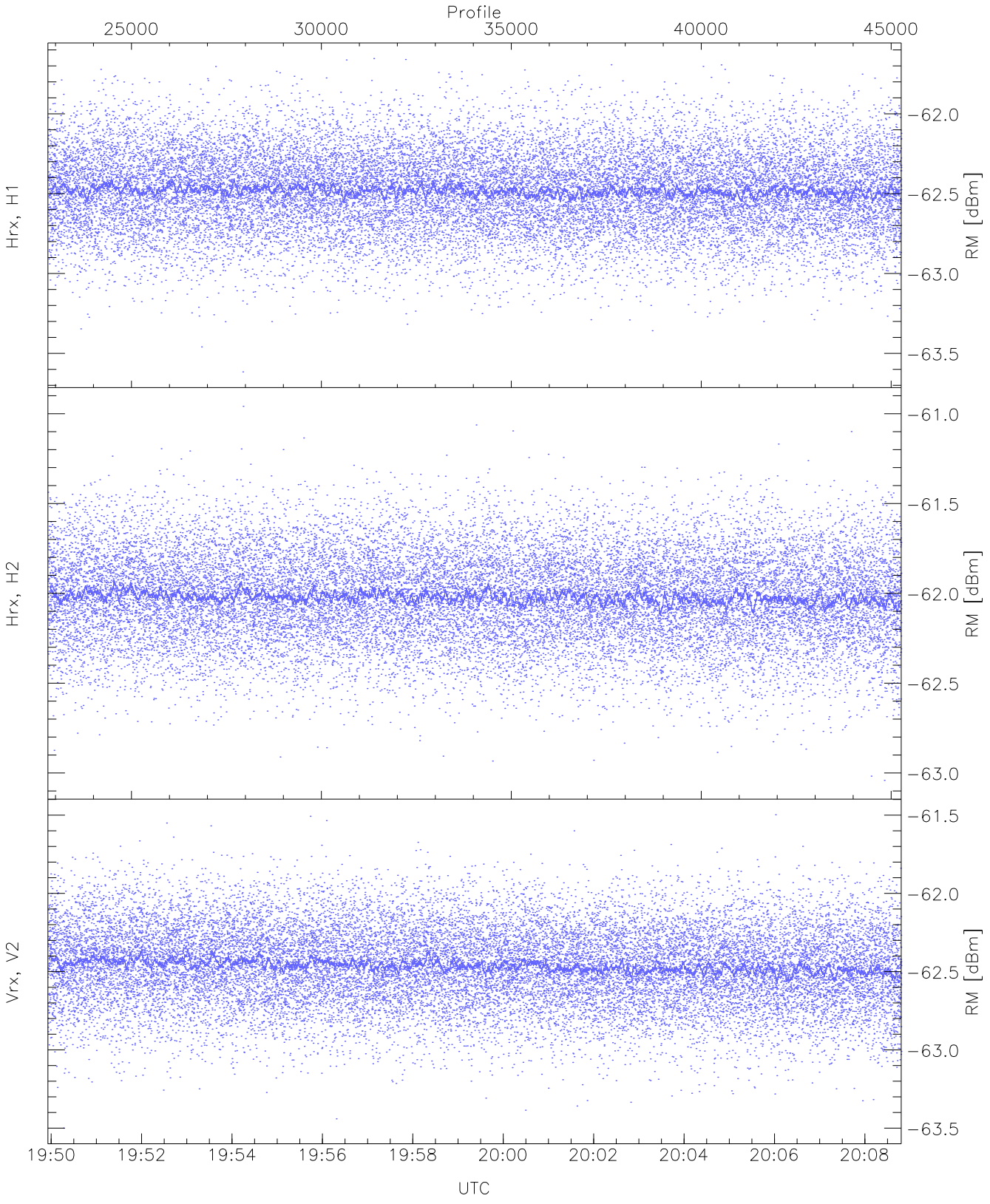
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.95	-61.10	-61.94	-61.95	-74.53
Hrx, H2(WL [dBm])	-62.90	-61.06	-61.94	-61.94	-74.46
Vrx, V2(WL [dBm])	-63.55	-61.60	-62.49	-62.49	-75.02



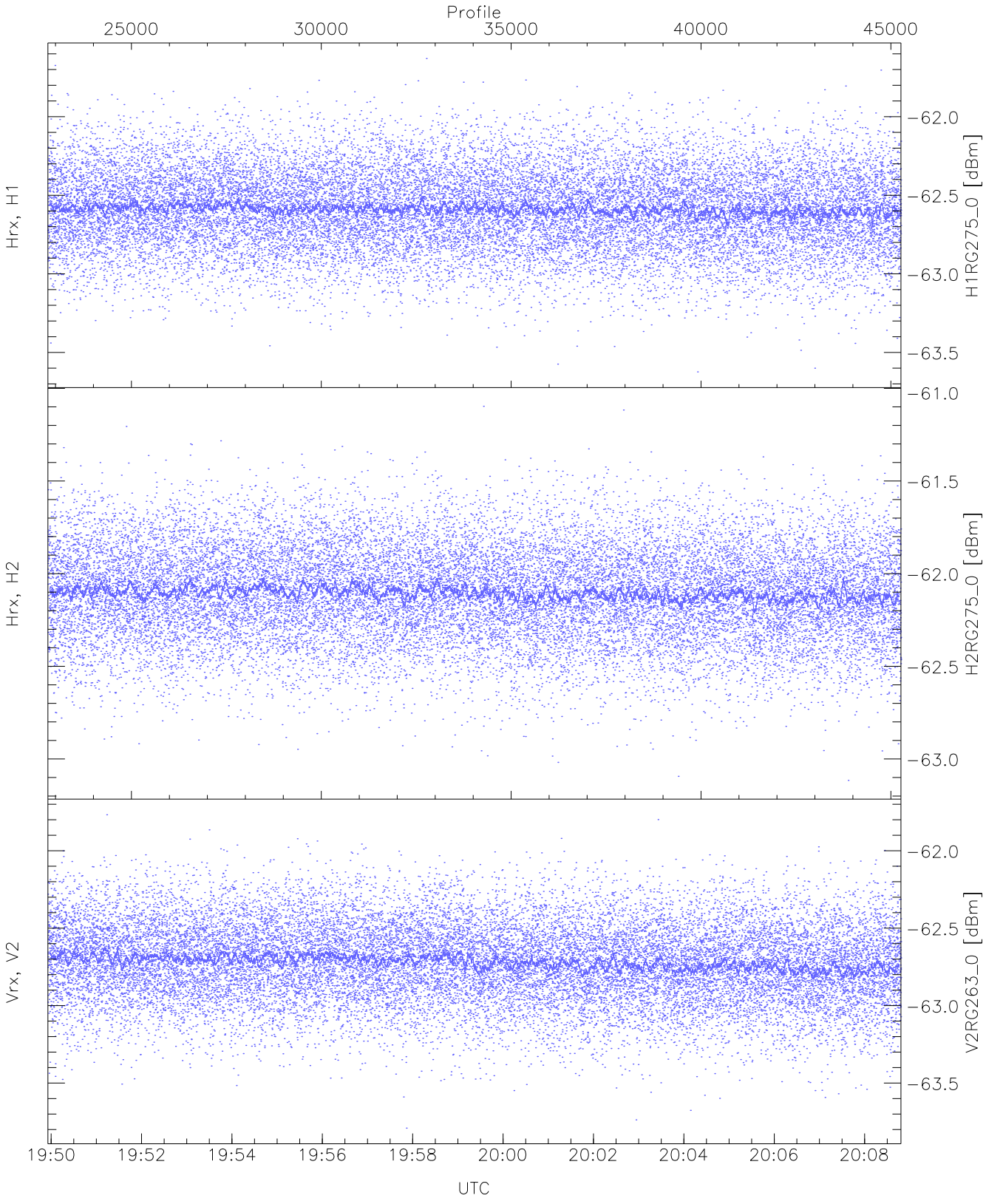
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.76	-60.75	-61.72	-61.72	-74.27
Hrx, H2(HL [dBm])	-62.62	-60.83	-61.72	-61.72	-74.25
Vrx, V2(HL [dBm])	-63.47	-61.29	-62.27	-62.28	-74.81



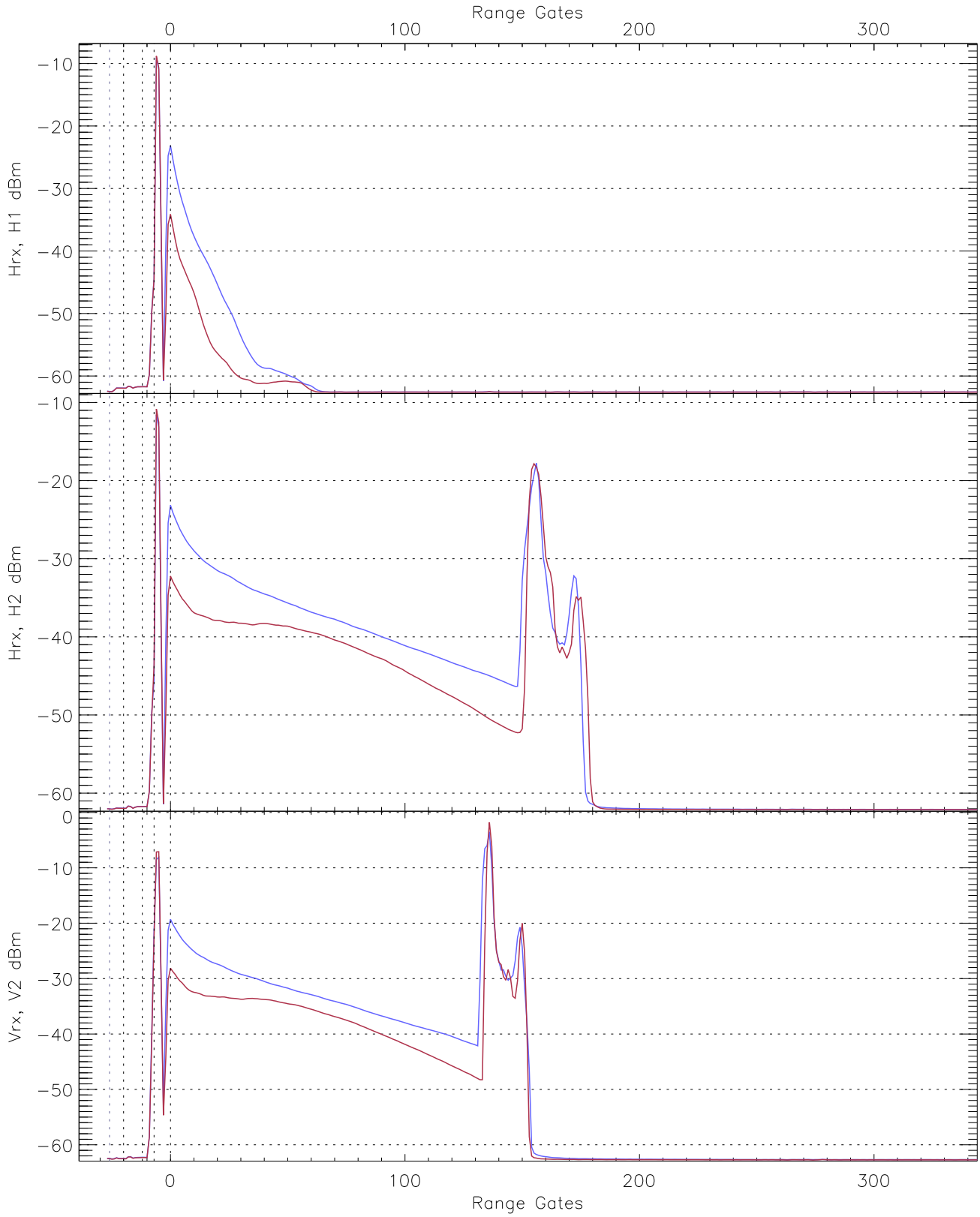
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.62	-61.65	-62.48	-62.48	-75.06
Hrx, H2(RM [dBm])	-63.04	-60.96	-62.02	-62.02	-74.58
Vrx, V2(RM [dBm])	-63.50	-61.50	-62.46	-62.47	-74.97

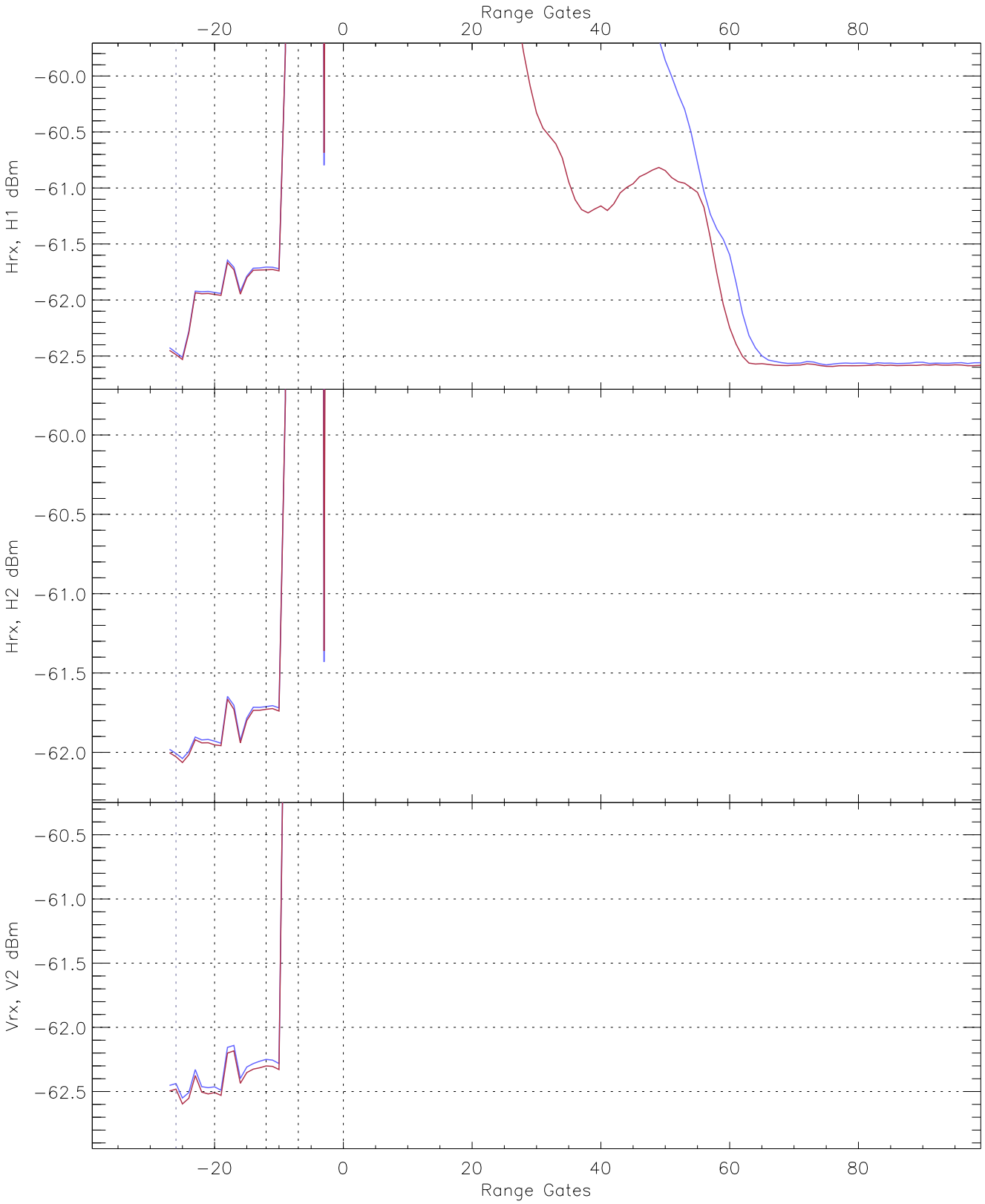


WCR2 CPP "Best" estimate Receivers Noise Power

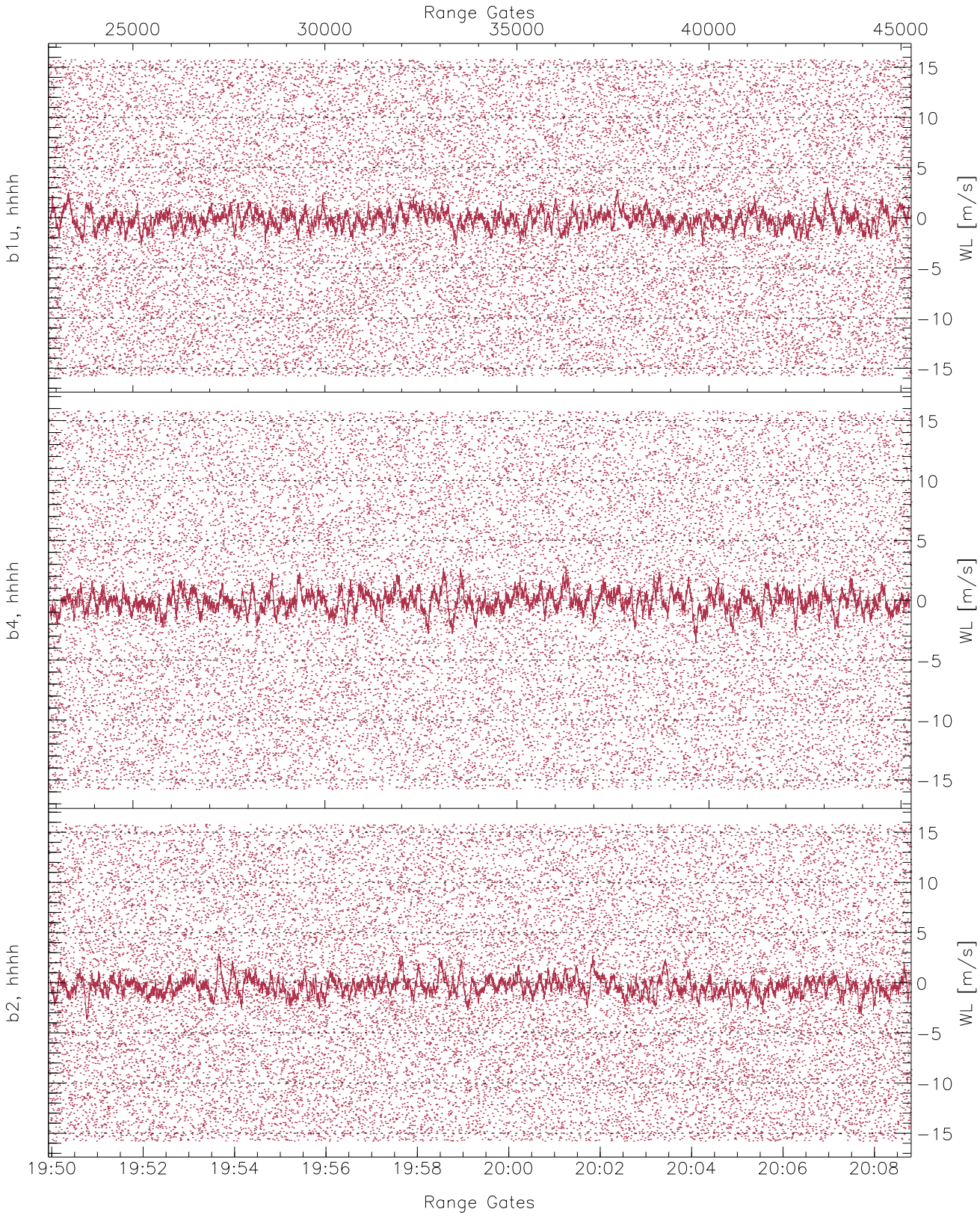
	Min	Max	Mean	Median	StDev
H1RG275_0 [dBm]	-63.62	-61.63	-62.59	-62.59	-75.13
H2RG275_0 [dBm]	-63.12	-61.10	-62.10	-62.11	-74.70
V2RG263_0 [dBm]	-63.79	-61.77	-62.72	-62.72	-75.23



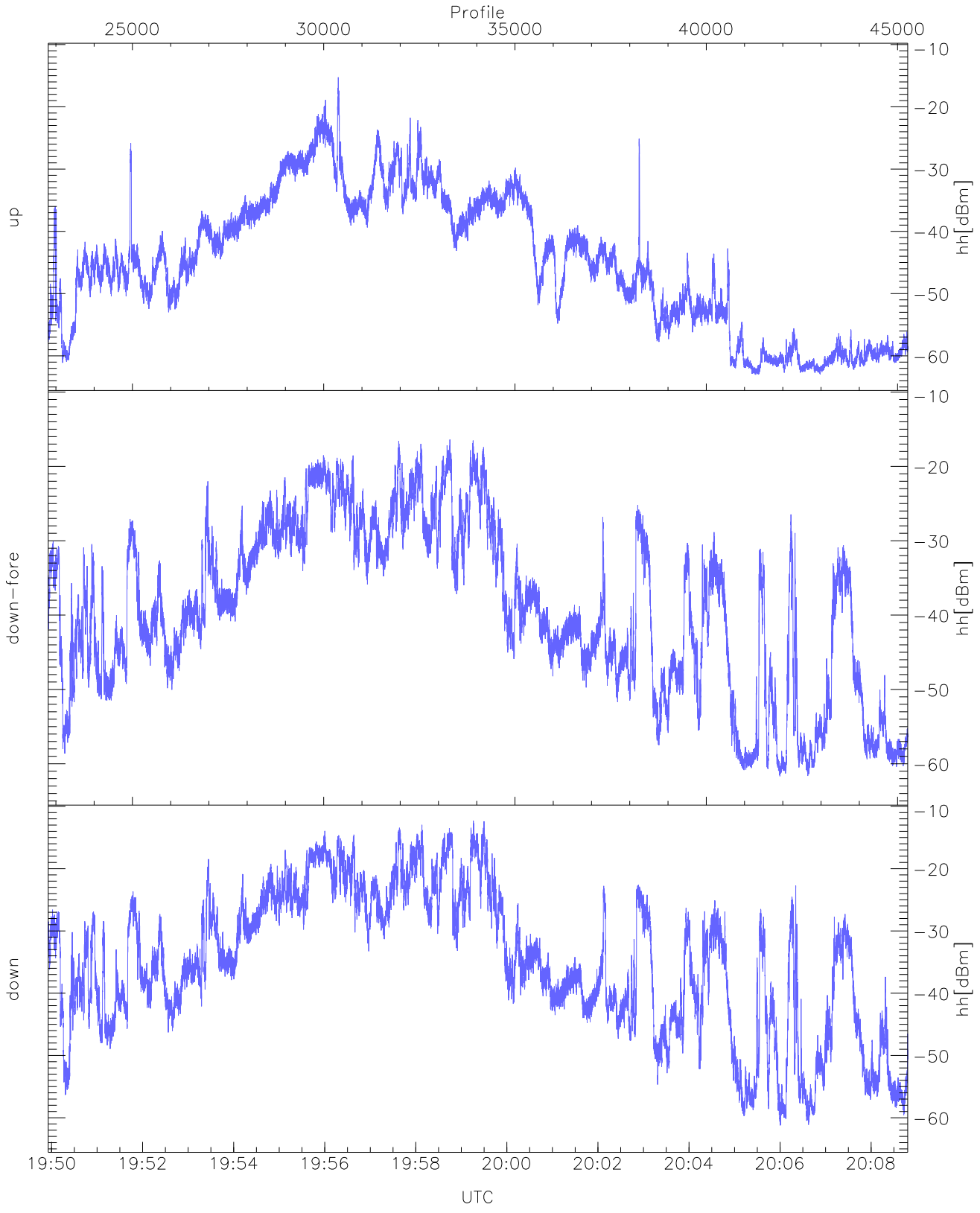
WCR2 CPP Averaged Received power for all recorded gates
blue: 194956-195922, 11234 profiles averaged
red: 195922-200848, 11234 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 194956-195922, 11234 profiles averaged
red: 195922-200848, 11234 profiles averaged

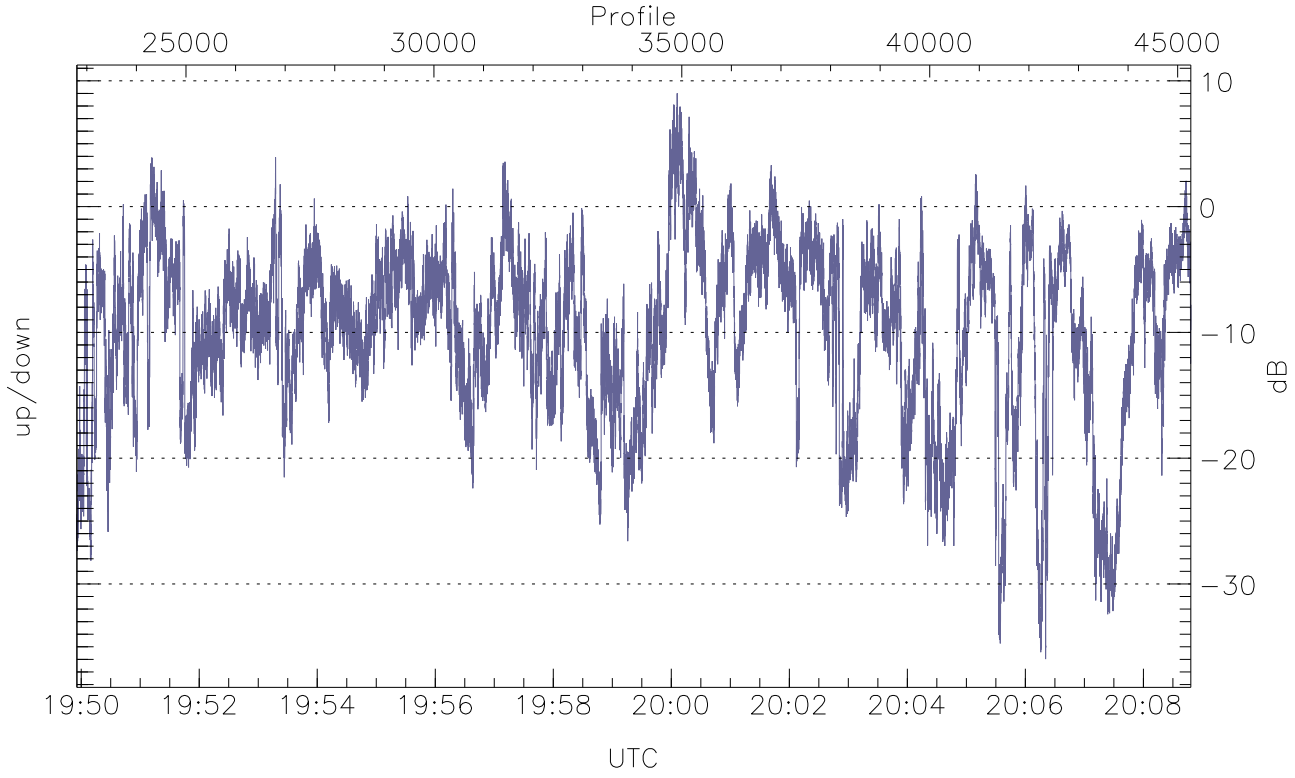


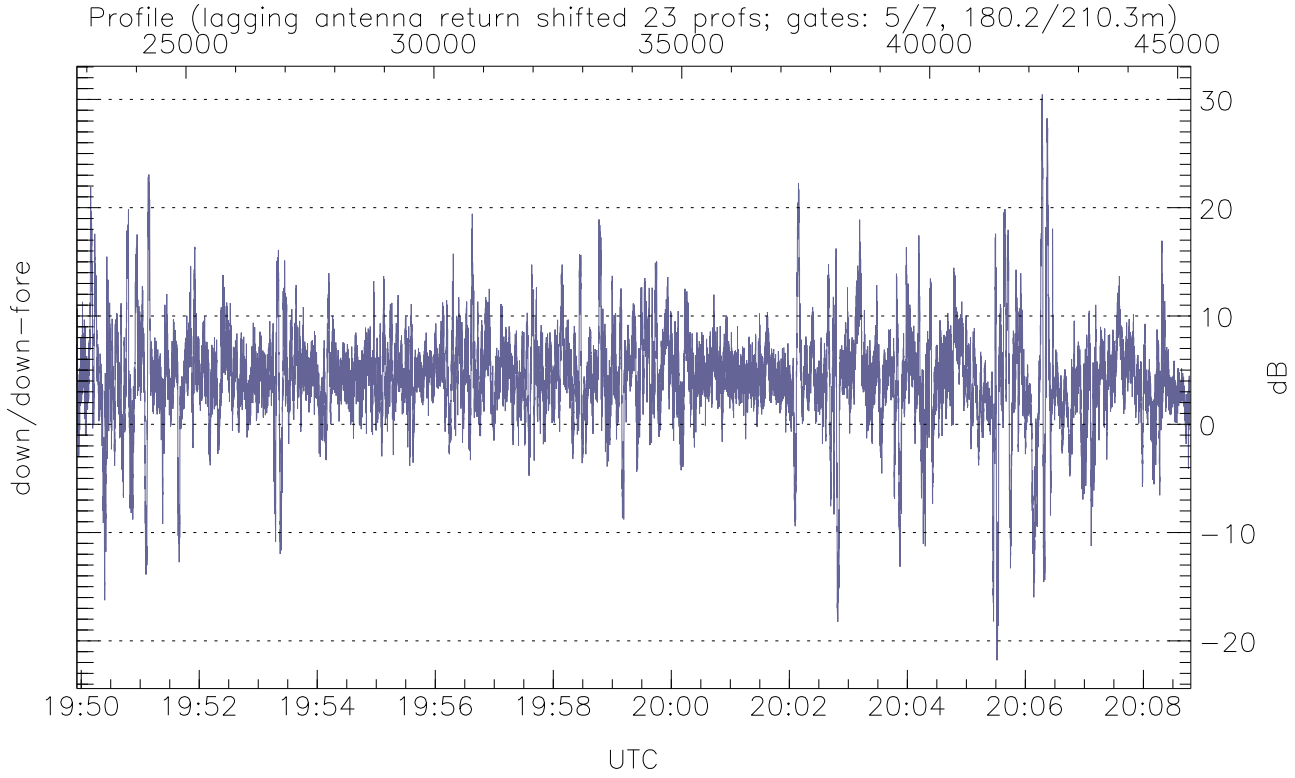
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

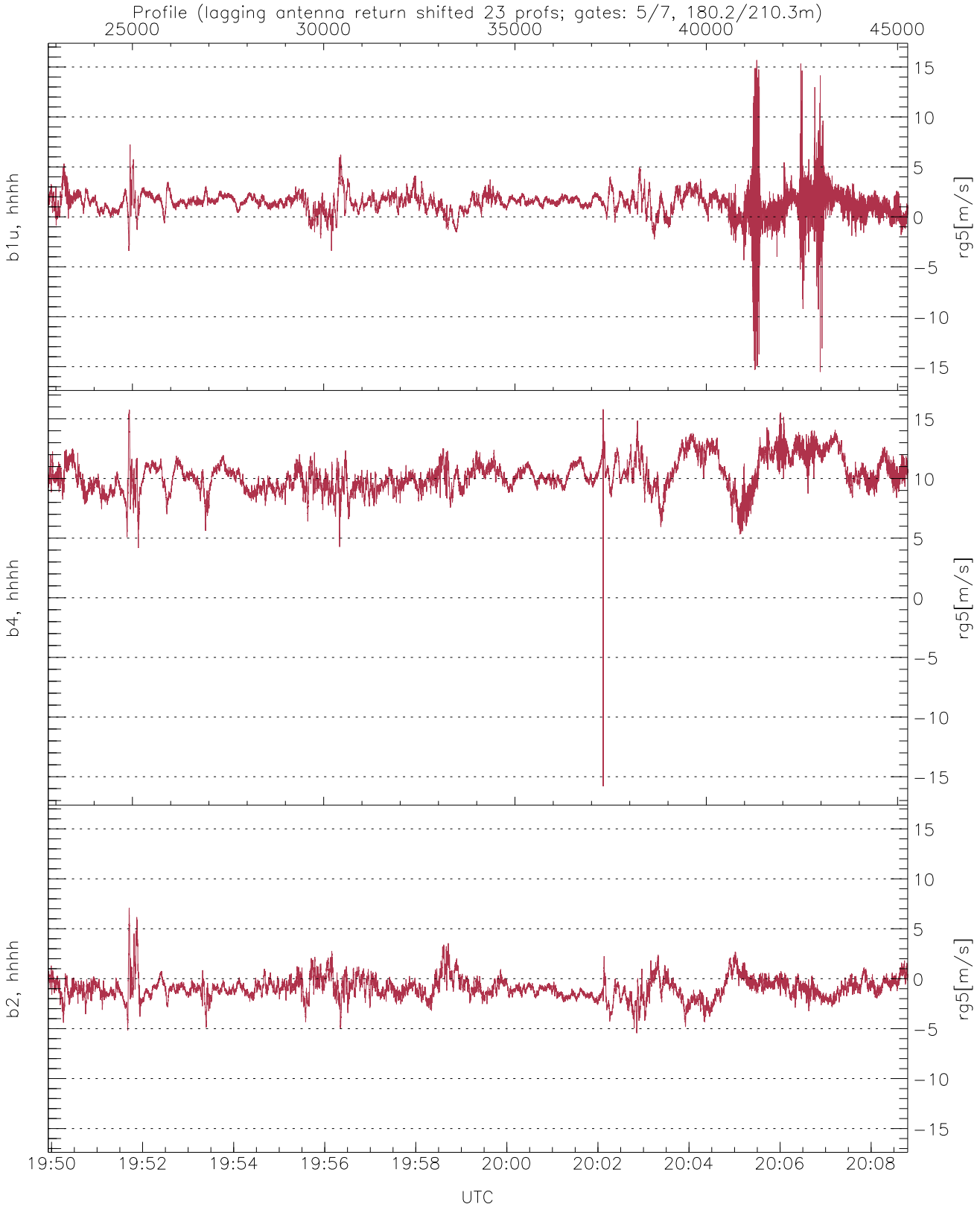
	Min	Max	Mean
up(hh[dBm])	-63.02	-15.26	-34.68
down-fore(hh[dBm])	-61.67	-16.39	-29.20
down(hh[dBm])	-61.23	-12.32	-25.27





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

	Min	Max	Mean
up/down(dB)	-35.98	9.01	-9.84
down/down-fore(dB)	-21.79	30.45	4.32



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.51	15.70	1.38	1.28
b4, hhhh(rg5[m/s])	-15.80	15.80	10.28	1.44
b2, hhhh(rg5[m/s])	-5.45	7.08	-0.95	1.11