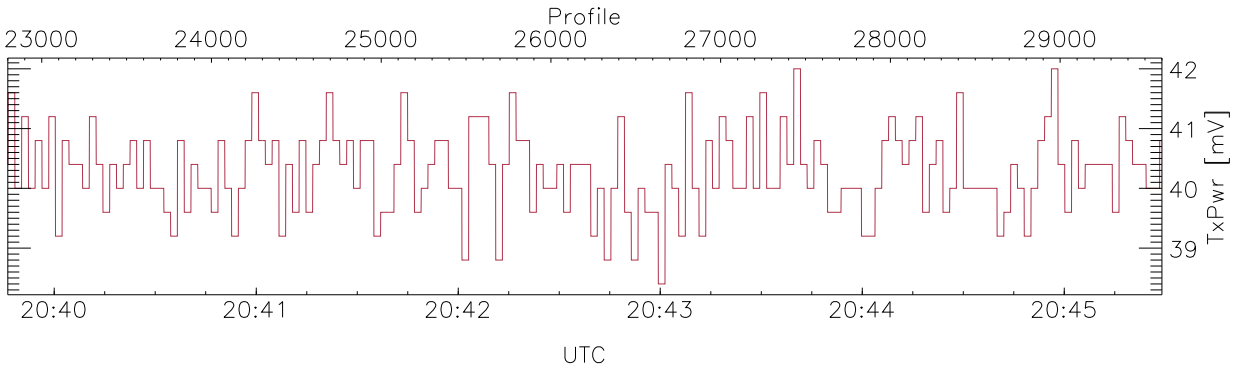
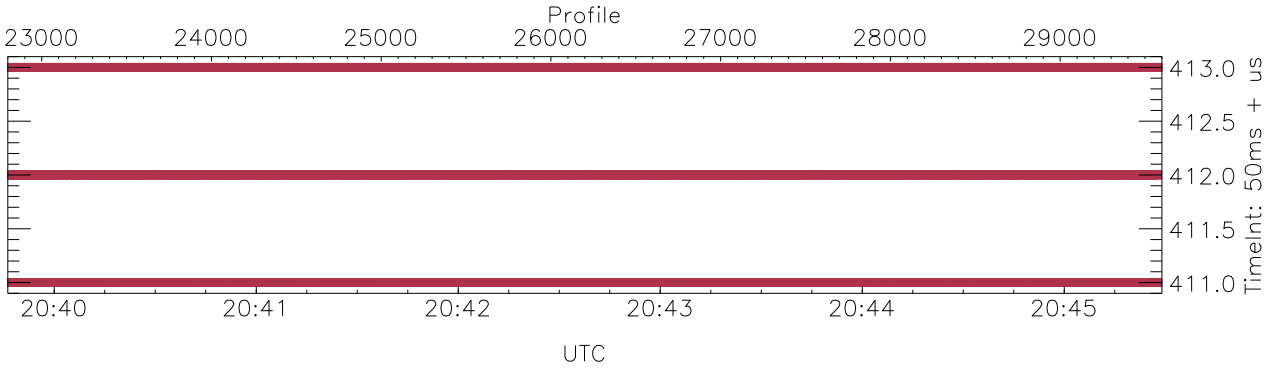
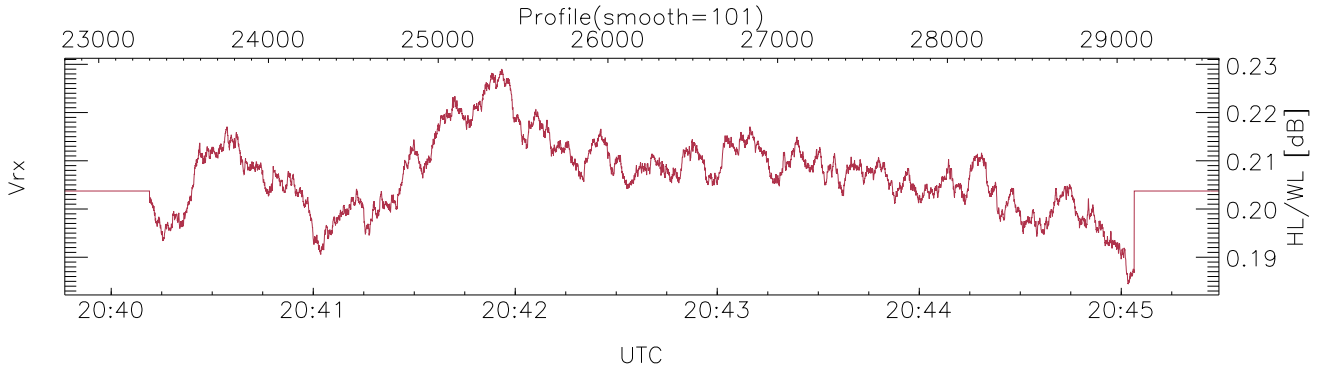
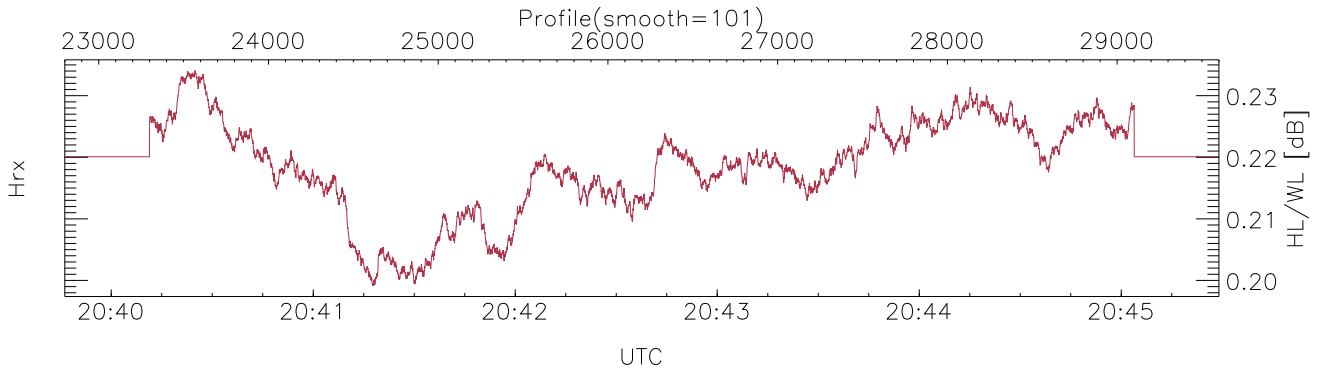


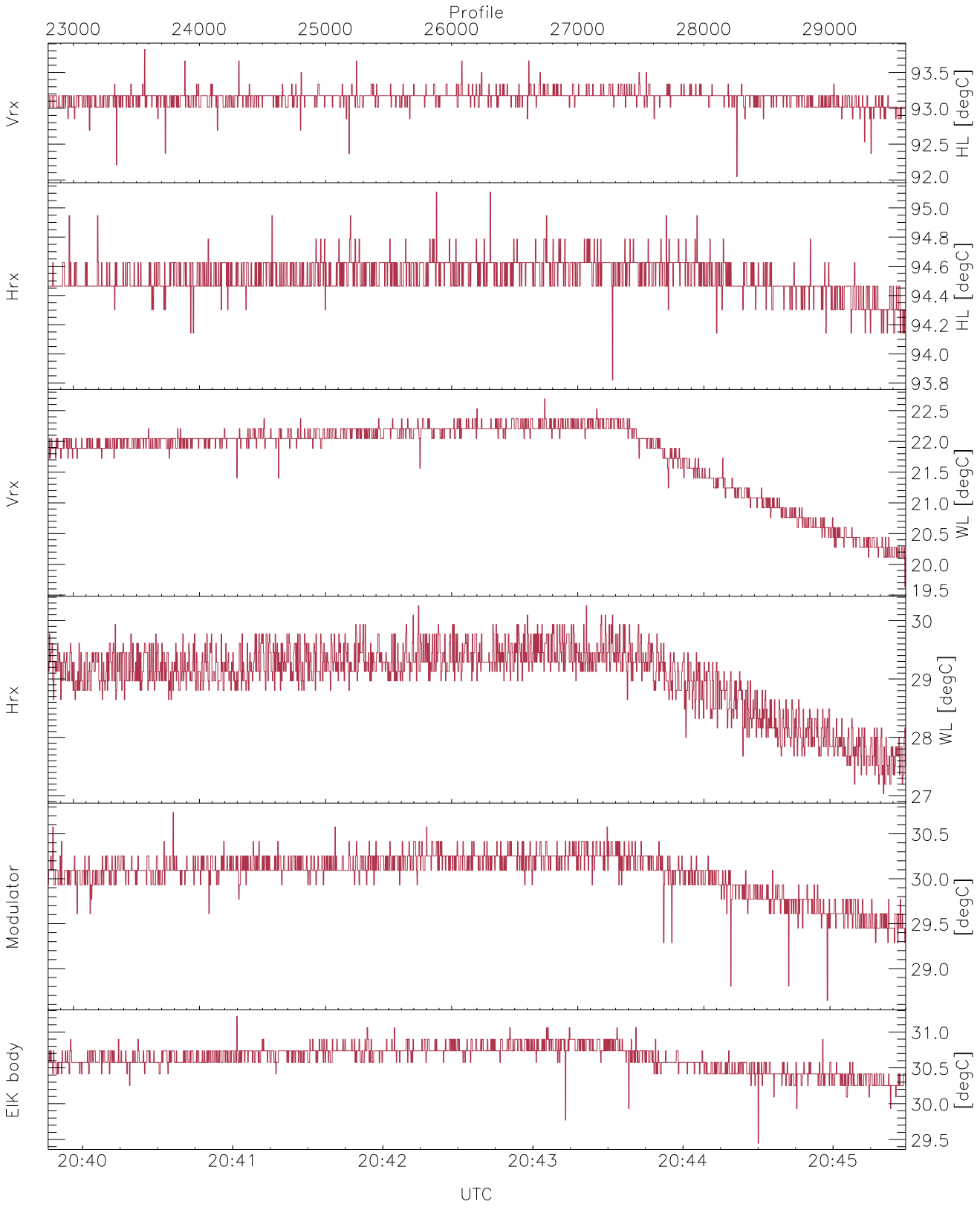






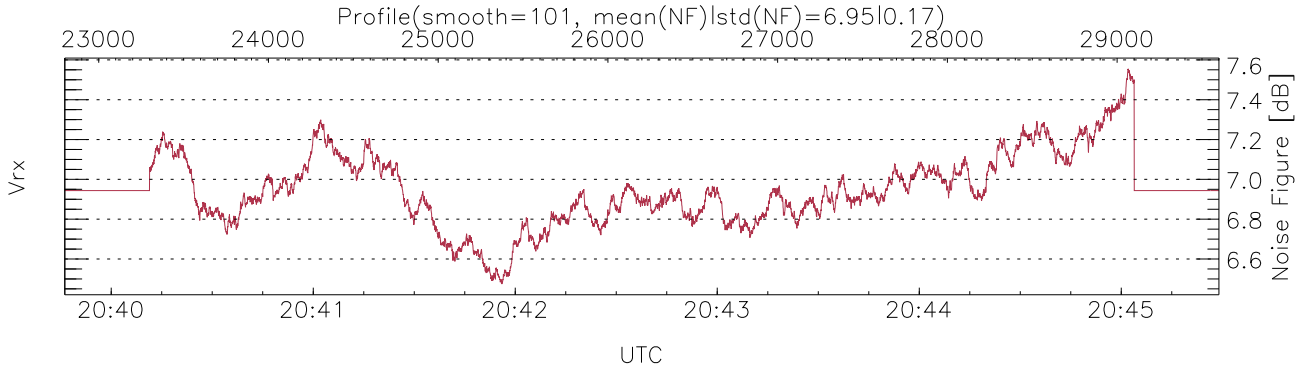
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

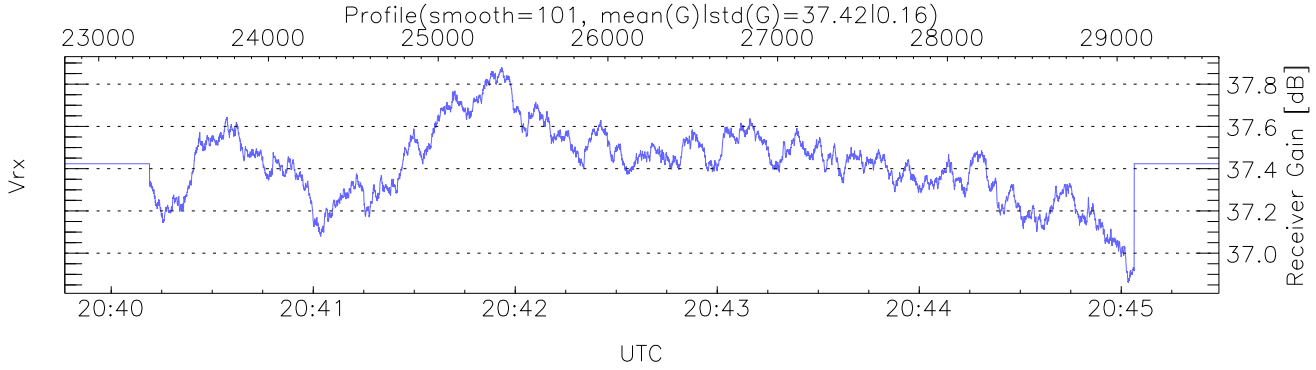
UTC: 20:20:37-20:45:29, Dur: 1492.21s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
NumRec(r/t): 6801/29601, 22800-29600/20:39:46-20:45:29
AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
PRF: 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

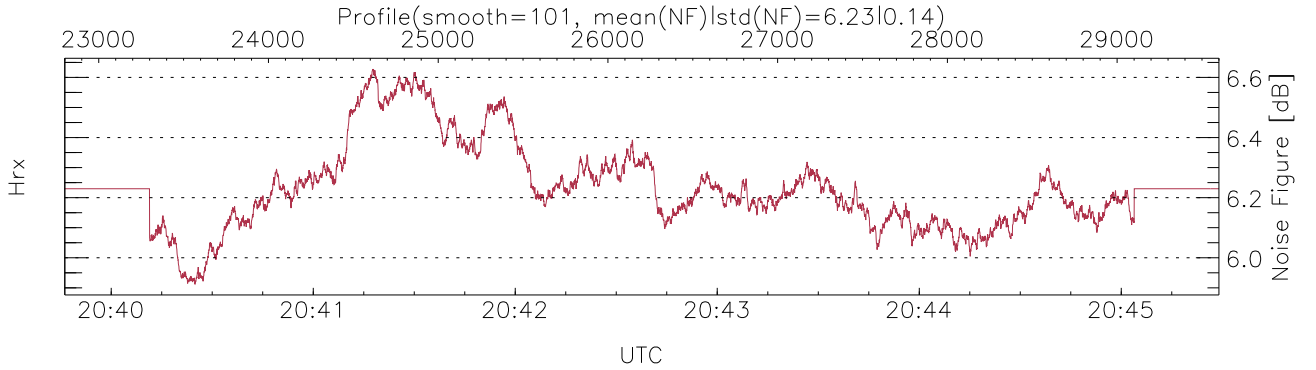


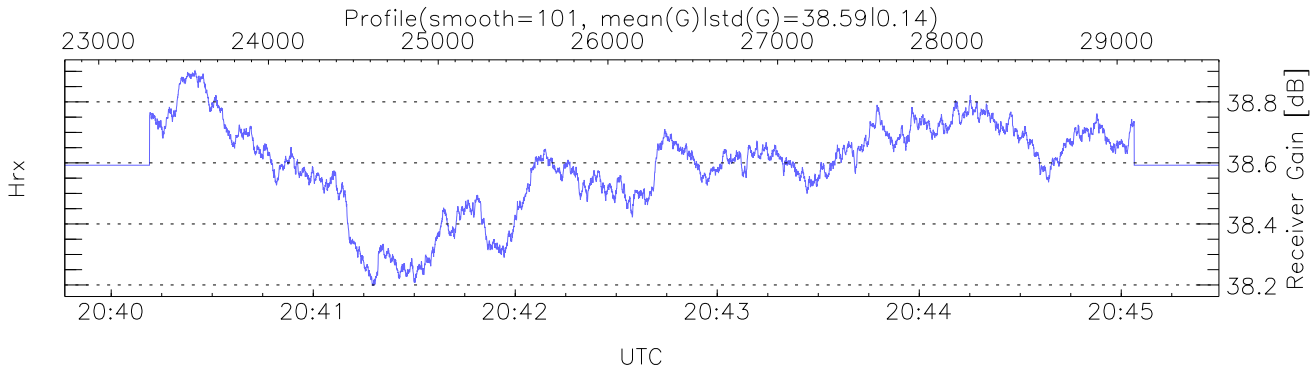
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,19,27,28,29
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,22,30,30,31
LOalarm(20,80,240,2.8,14.8 MHz): 6,0,0,0,0
EIK Faults(# prof affected):
DeckF,OverDuty (6,6)



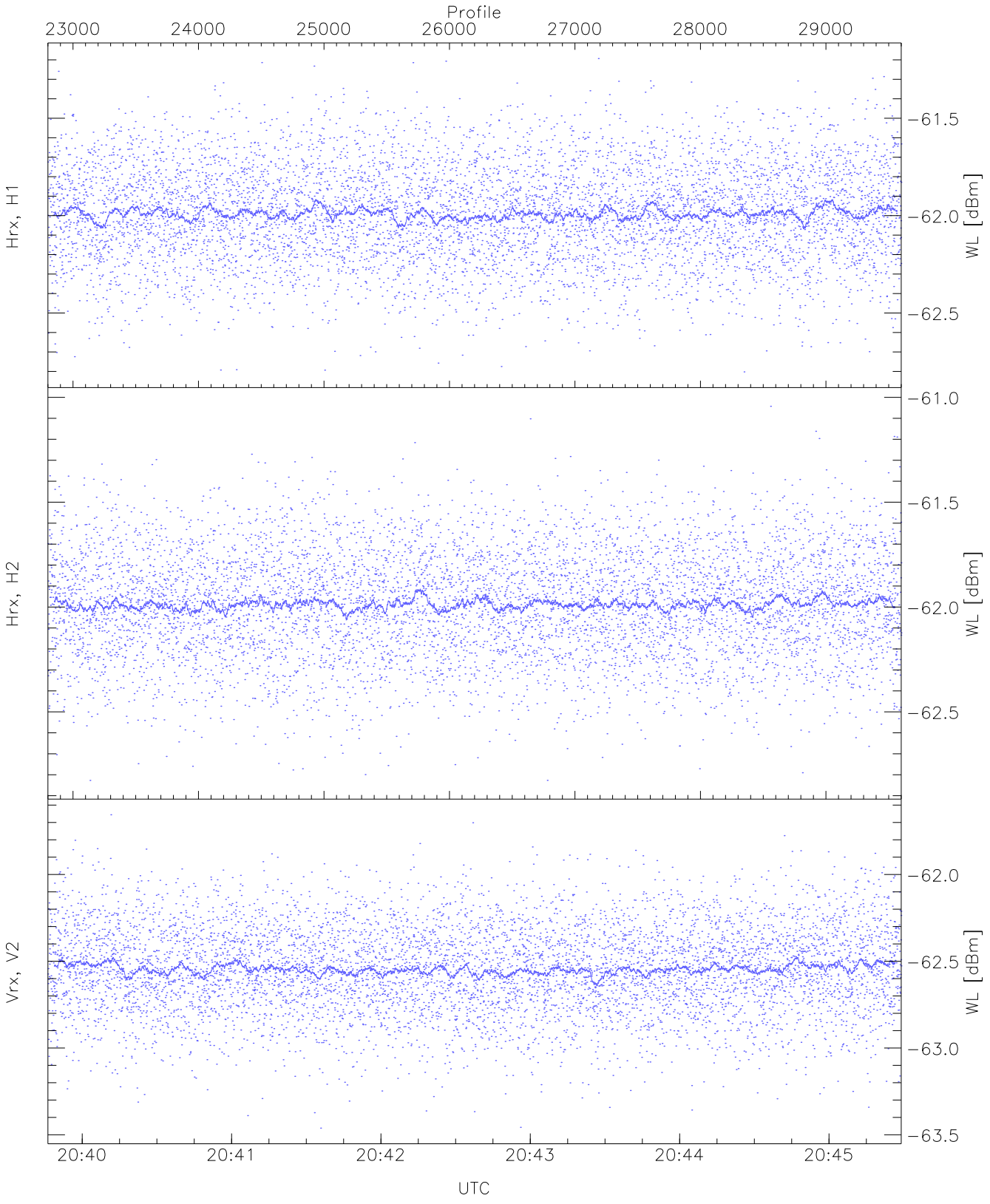






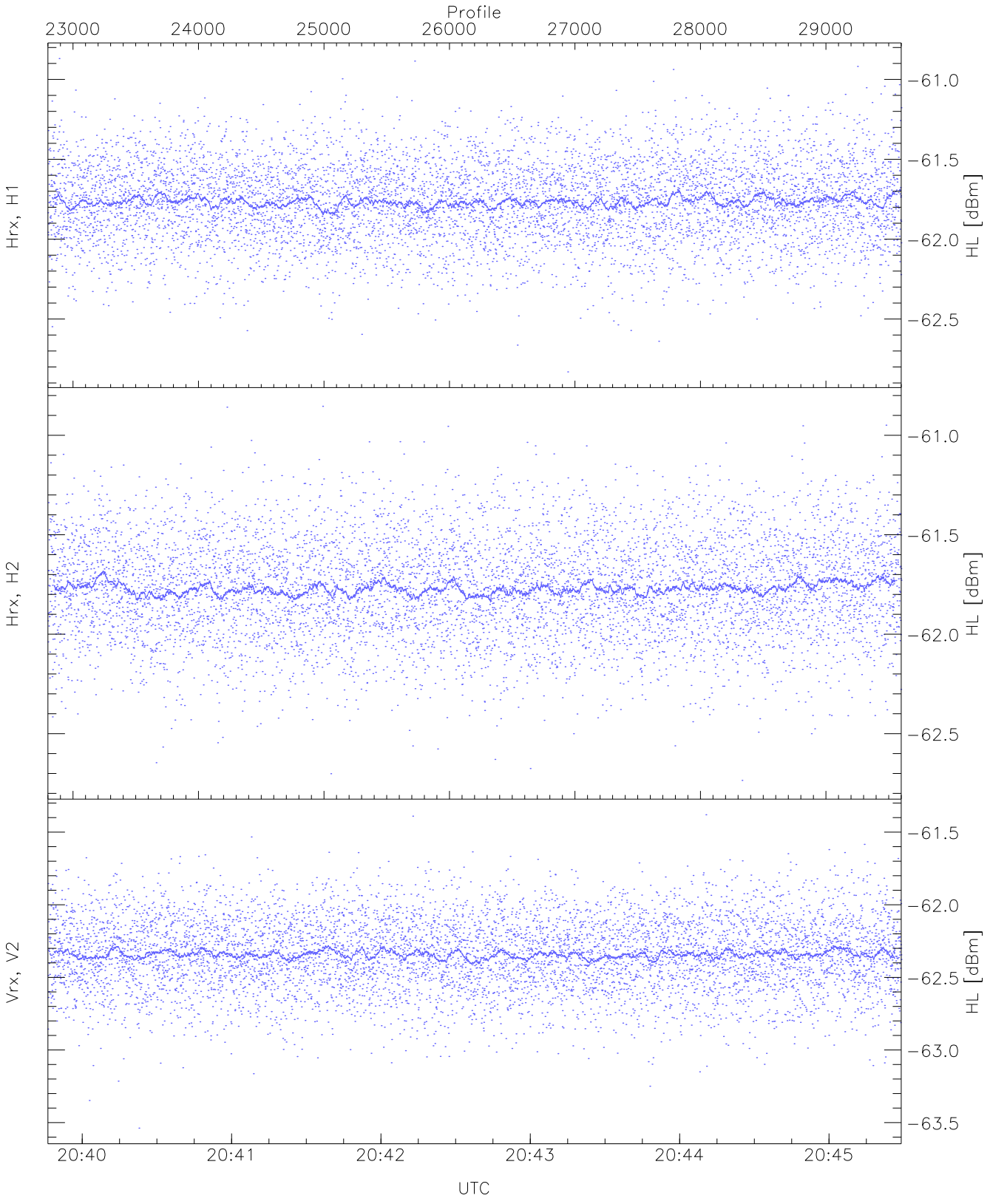
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 3891 pixs, 6 gates, 3889 profs, 1 prods



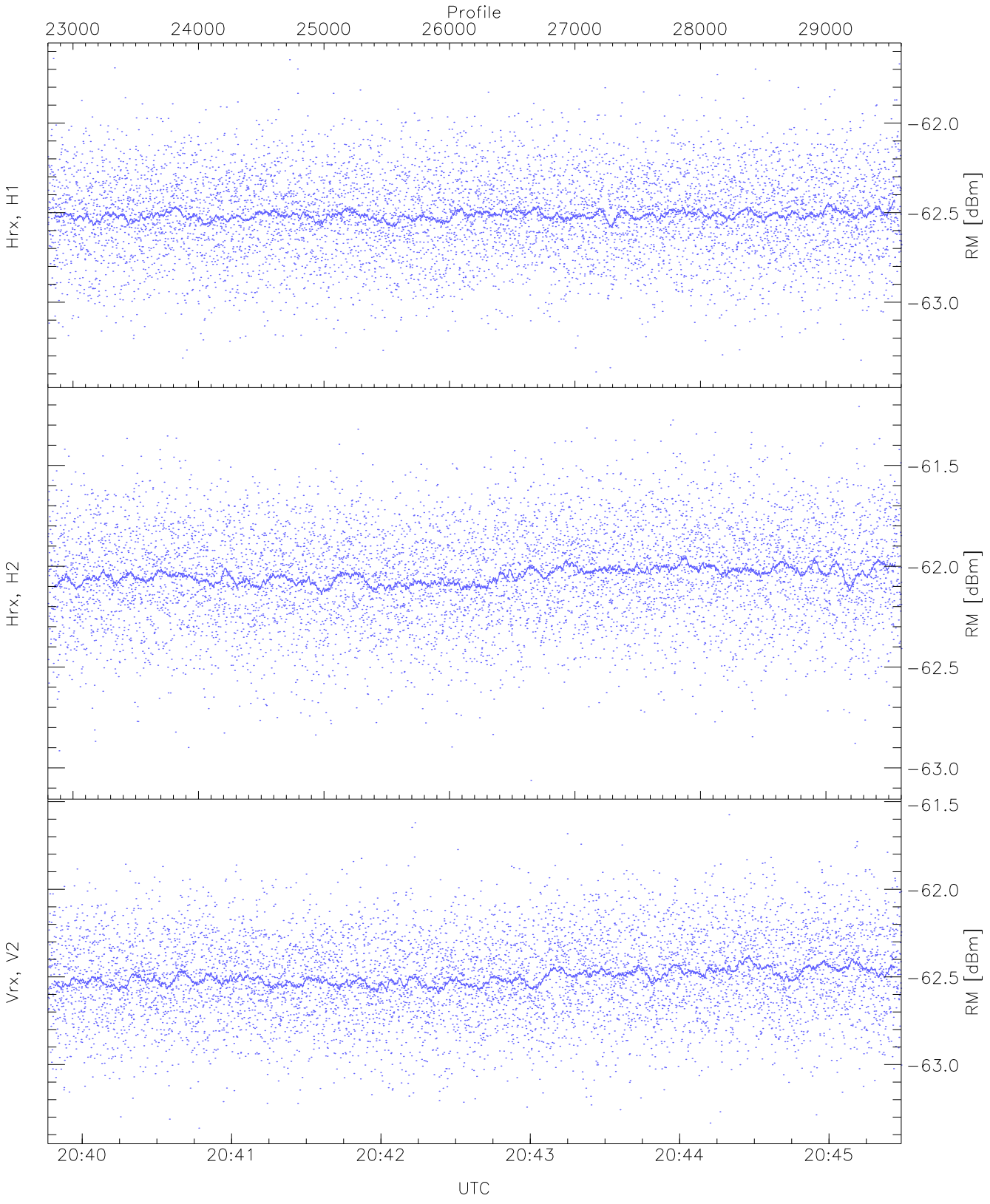
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.80	-61.19	-61.99	-61.99	-74.56
Hrx, H2(WL [dBm])	-62.83	-61.04	-61.98	-61.99	-74.50
Vrx, V2(WL [dBm])	-63.46	-61.66	-62.54	-62.55	-75.06



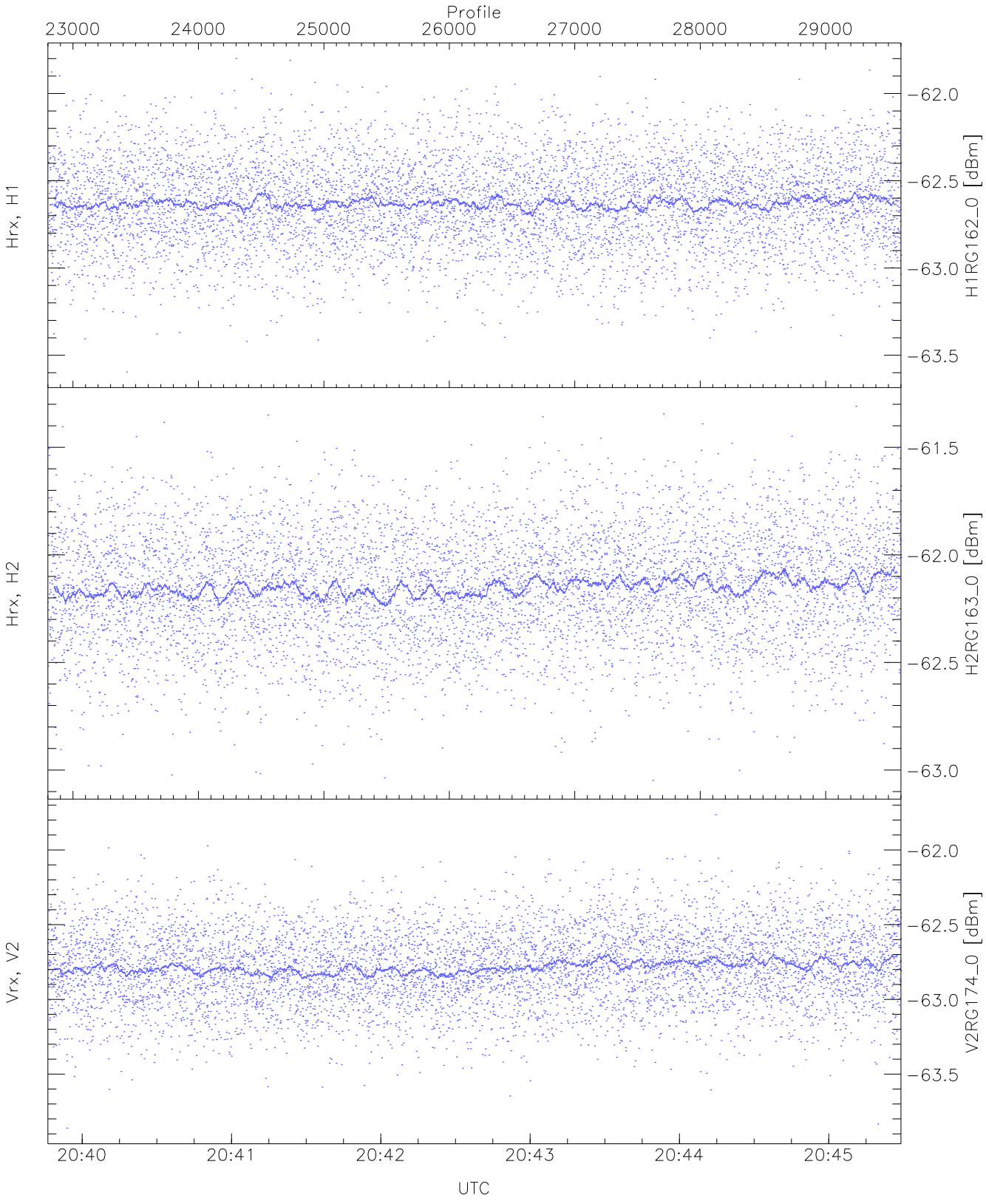
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.83	-60.87	-61.76	-61.76	-74.33
Hrx, H2(HL [dBm])	-62.73	-60.85	-61.77	-61.77	-74.28
Vrx, V2(HL [dBm])	-63.54	-61.38	-62.34	-62.34	-74.86



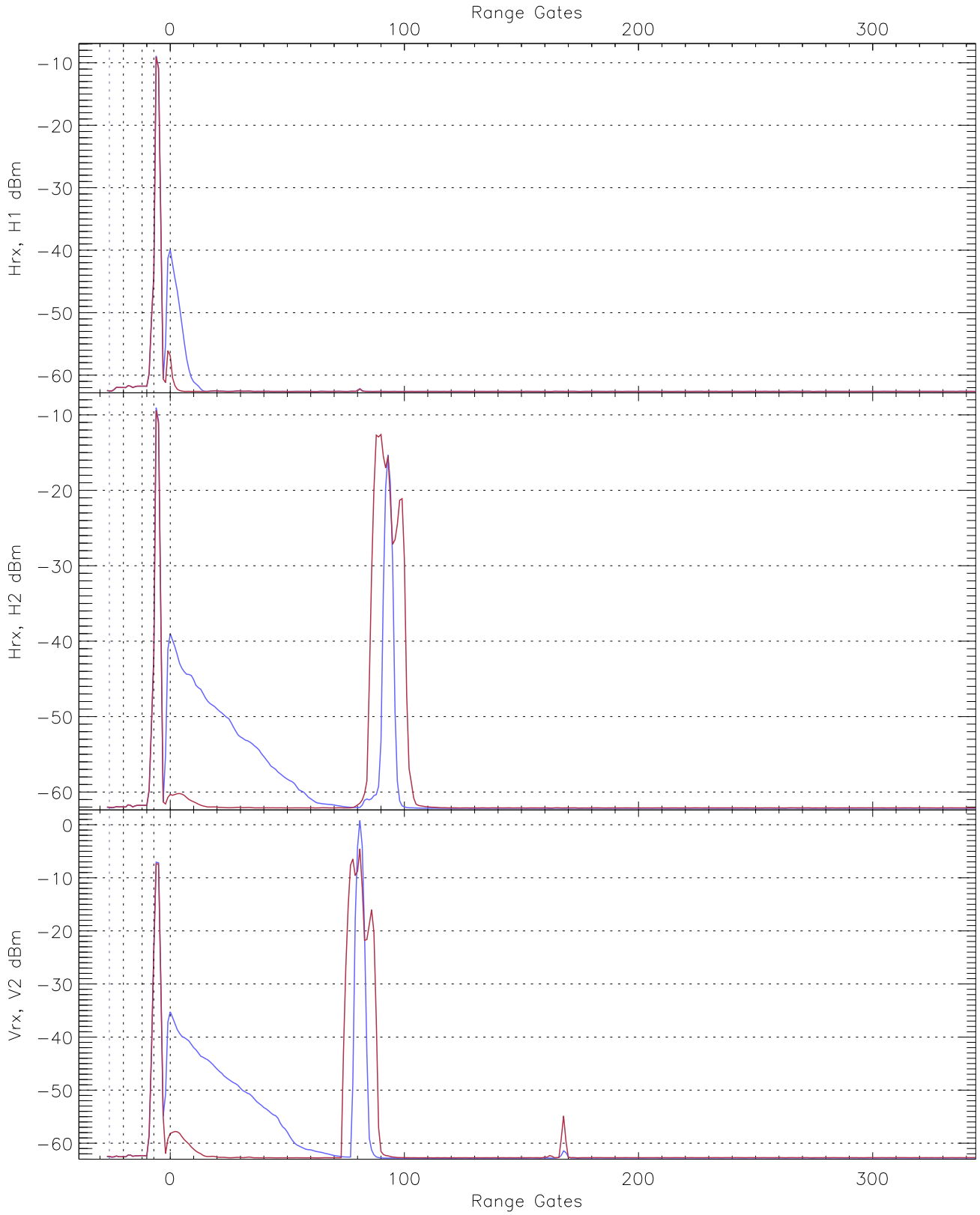
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.39	-61.64	-62.51	-62.51	-75.13
Hrx, H2(RM [dBm])	-63.06	-61.21	-62.04	-62.04	-74.58
Vrx, V2(RM [dBm])	-63.36	-61.57	-62.50	-62.50	-75.03

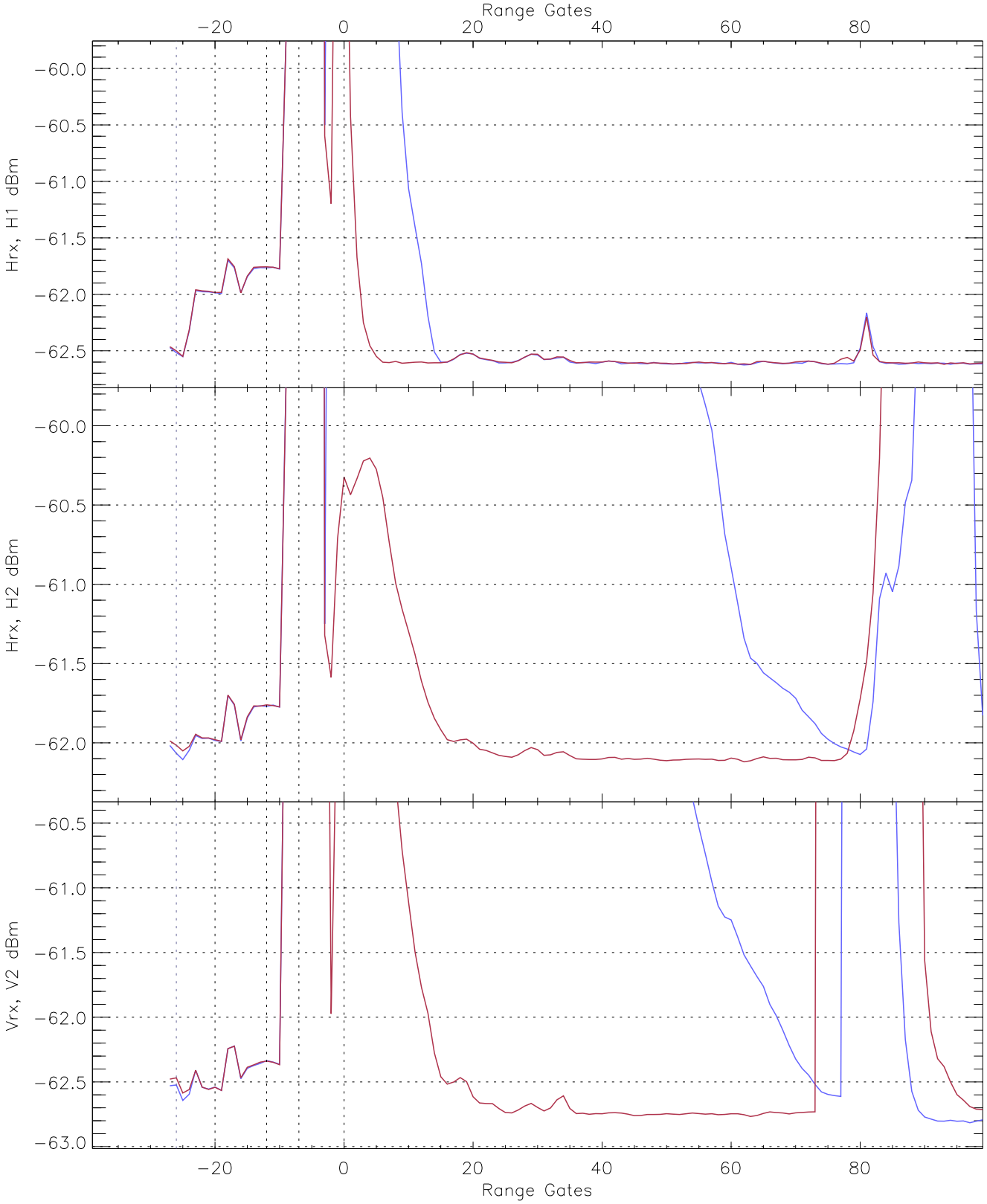


WCR2 CPP "Best" estimate Receivers Noise Power

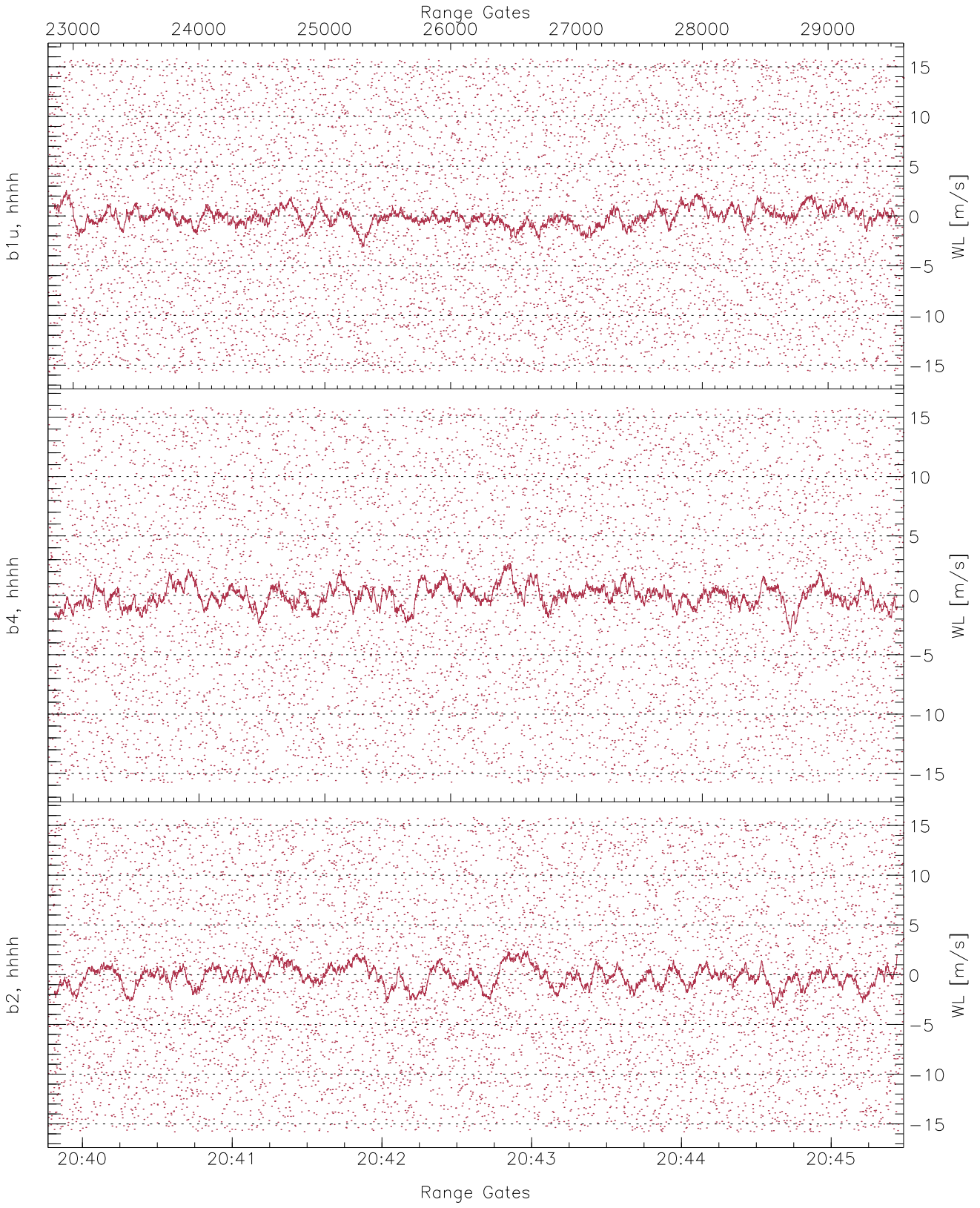
	Min	Max	Mean	Median	StDev
H1RG162_0 [dBm]	-63.60	-61.80	-62.63	-62.63	-75.21
H2RG163_0 [dBm]	-63.05	-61.31	-62.15	-62.15	-74.65
V2RG174_0 [dBm]	-63.86	-61.76	-62.78	-62.79	-75.31



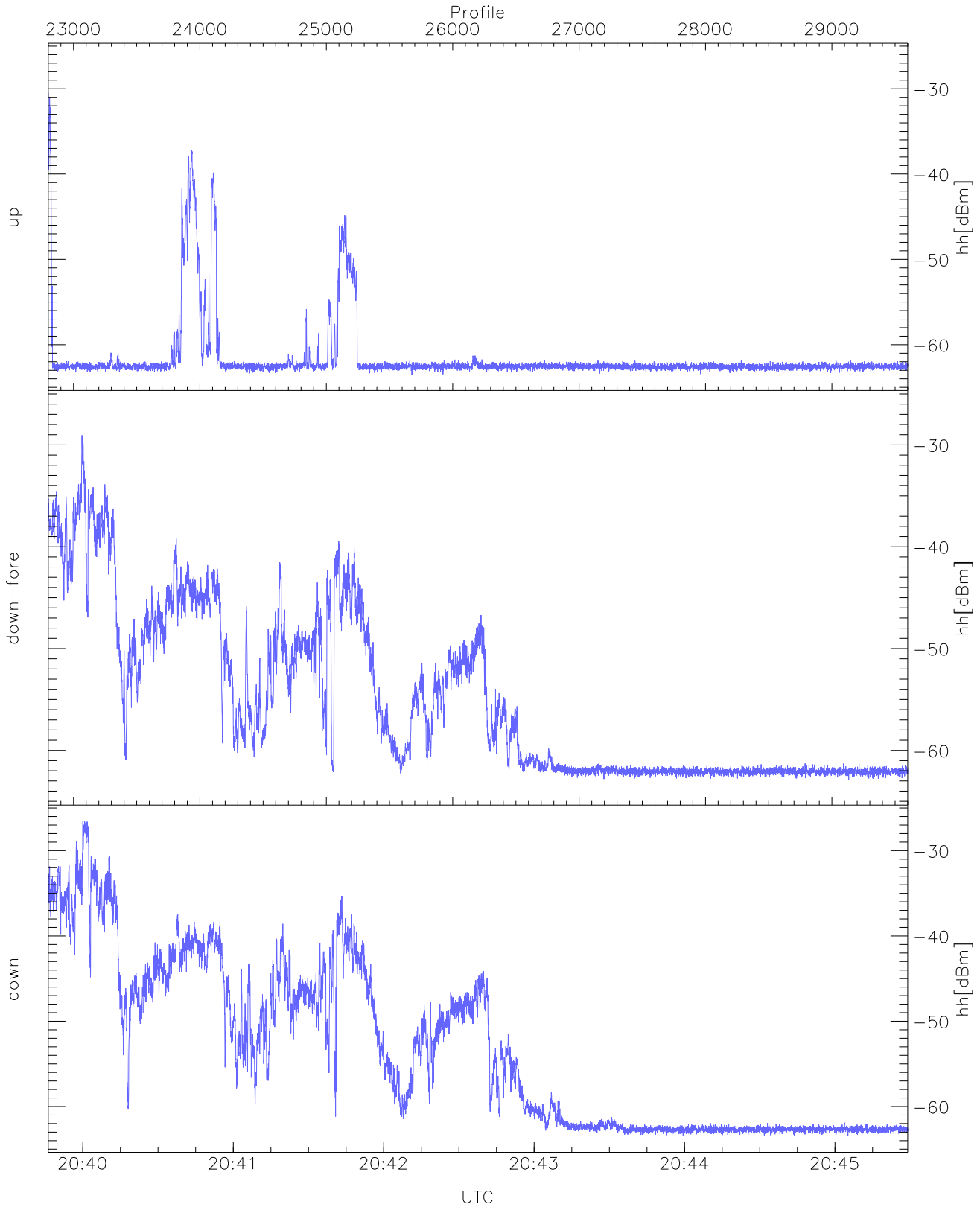
WCR2 CPP Averaged Received power for all recorded gates
blue: 203946-204238, 3401 profiles averaged
red: 204238-204529, 3401 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 203946-204238, 3401 profiles averaged
red: 204238-204529, 3401 profiles averaged

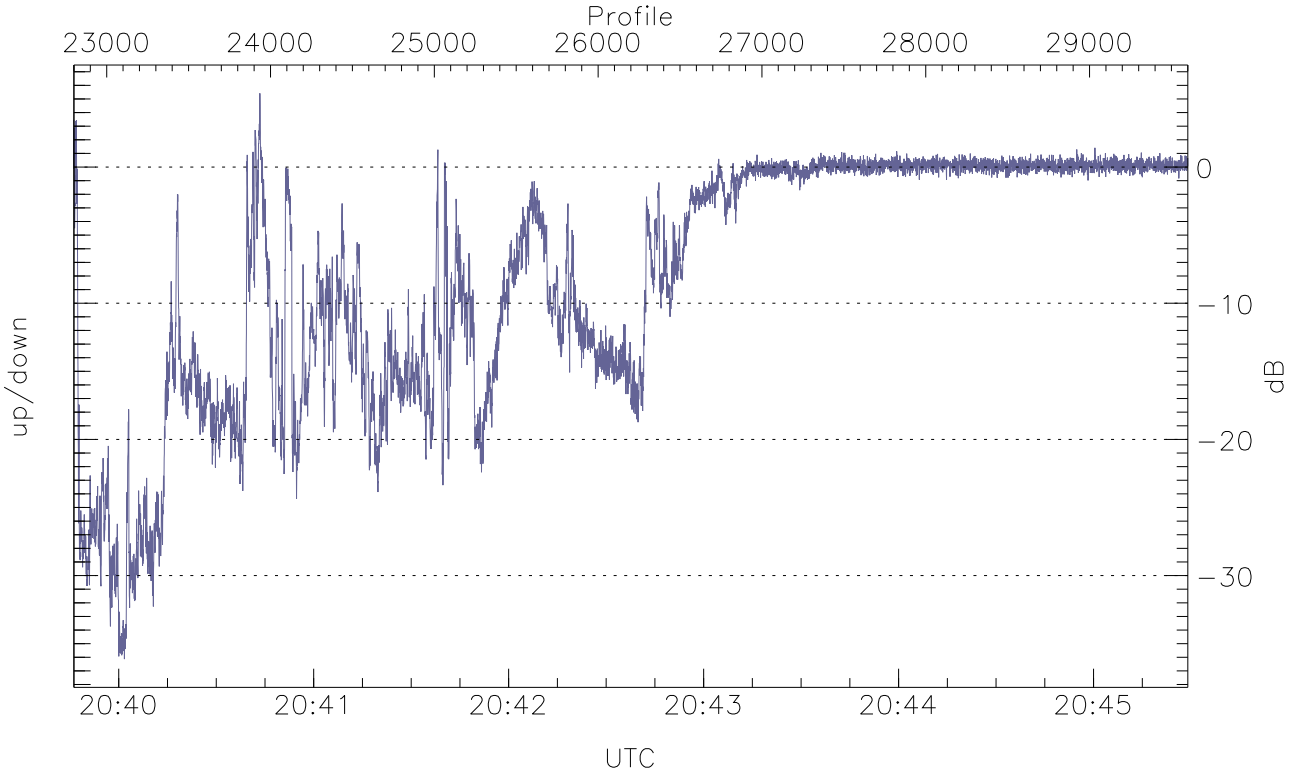


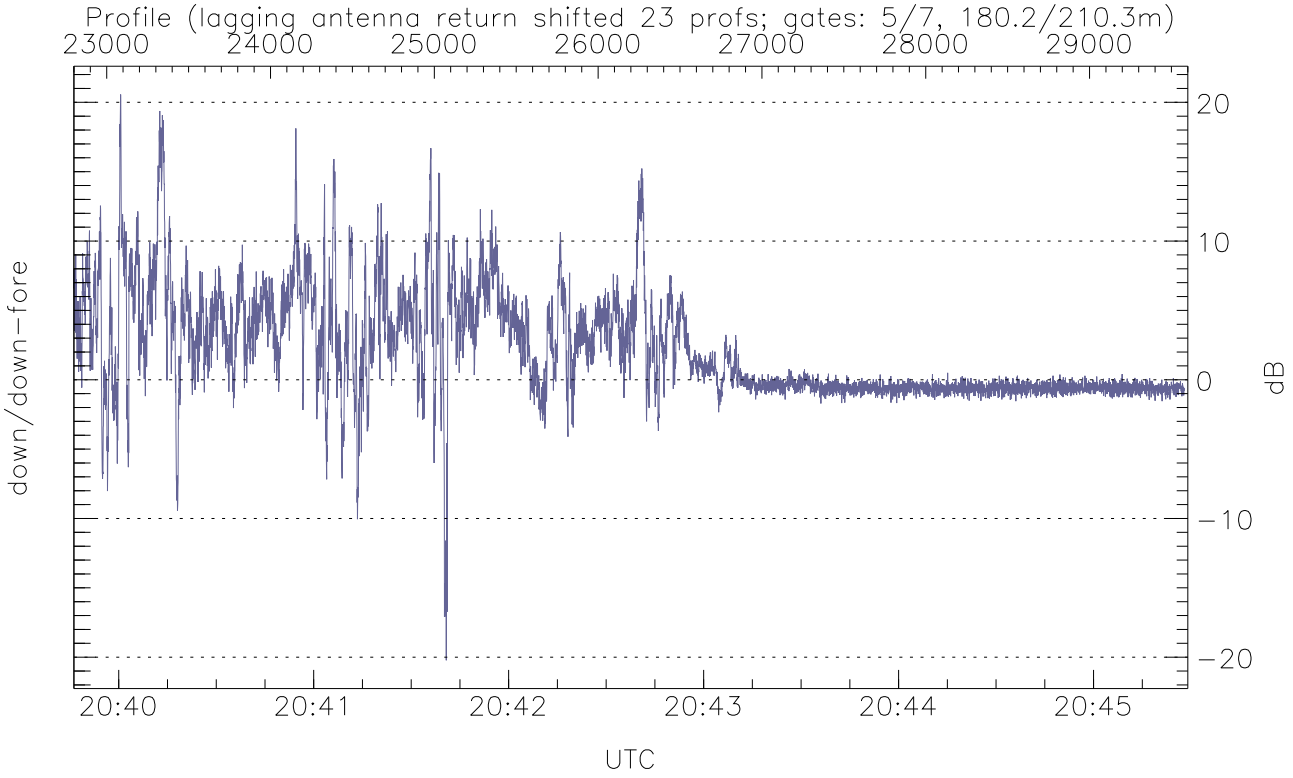
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

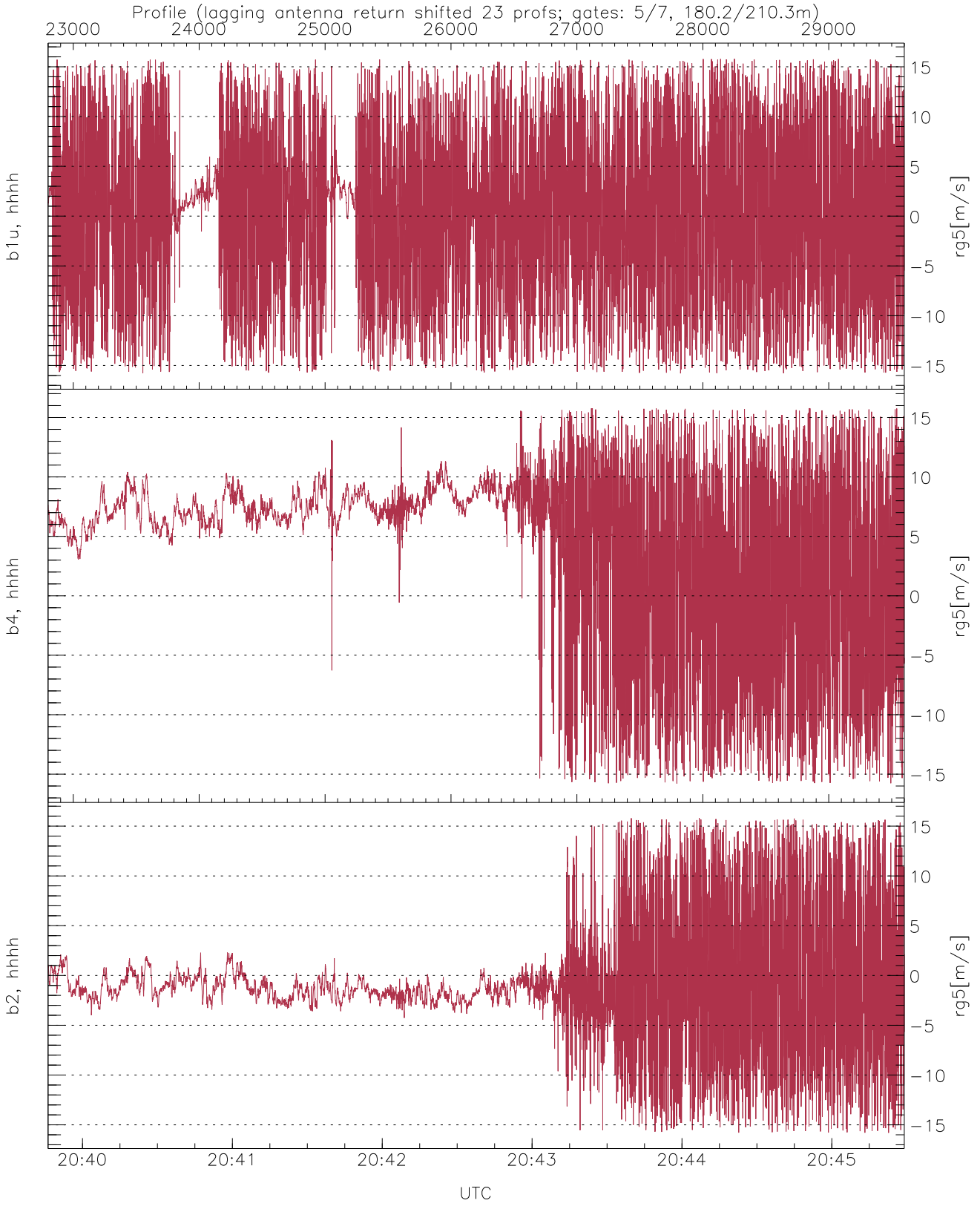
	Min	Max	Mean
up(hh[dBm])	-63.52	-30.45	-54.55
down-fore(hh[dBm])	-62.92	-29.05	-46.52
down(hh[dBm])	-63.46	-26.51	-42.84





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

	Min	Max	Mean
up/down(dB)	-36.13	5.41	-8.00
down/down-fore(dB)	-20.22	20.56	2.16



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.79	15.79	0.15	8.05
b4, hhhh(rg5[m/s])	-15.79	15.79	4.63	6.83
b2, hhhh(rg5[m/s])	-15.80	15.80	-0.93	5.42