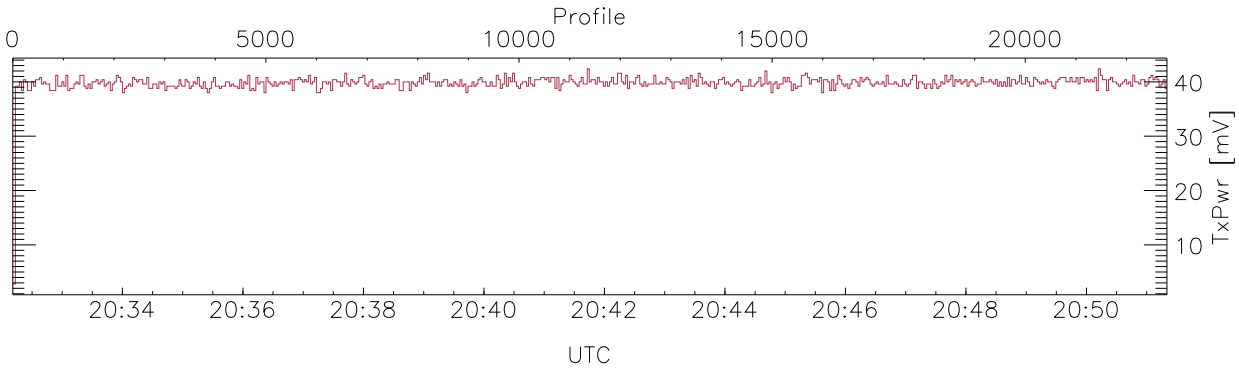
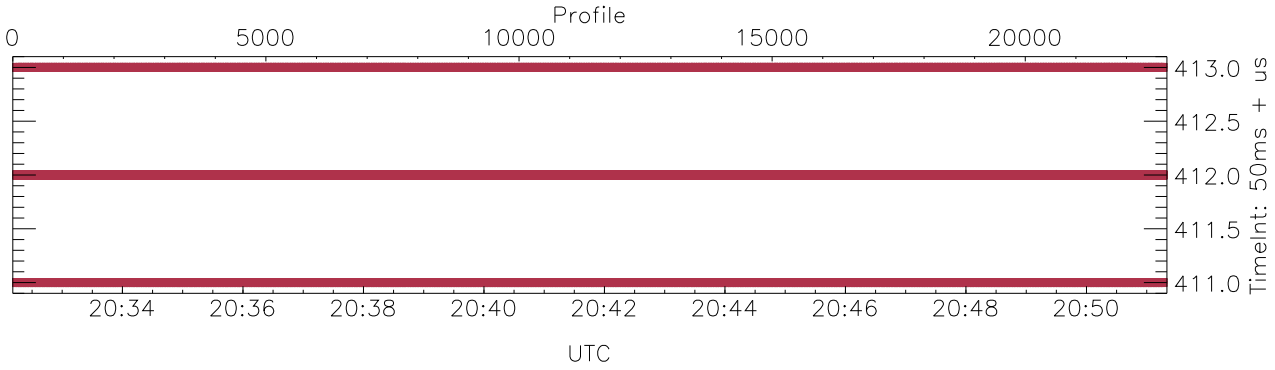
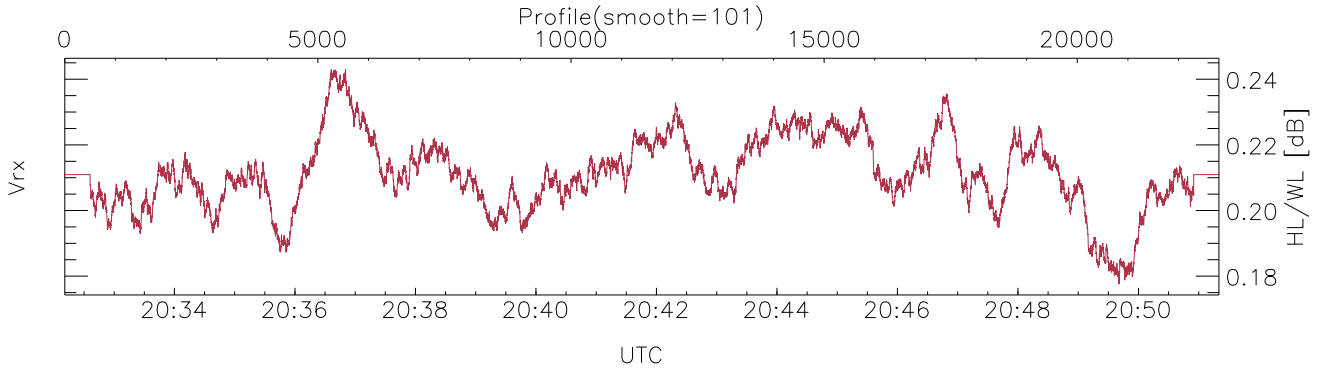
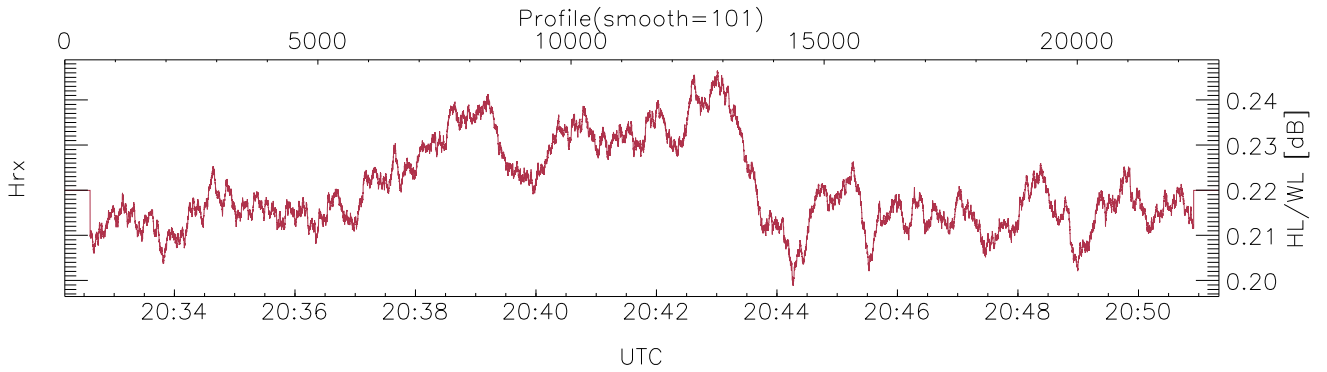


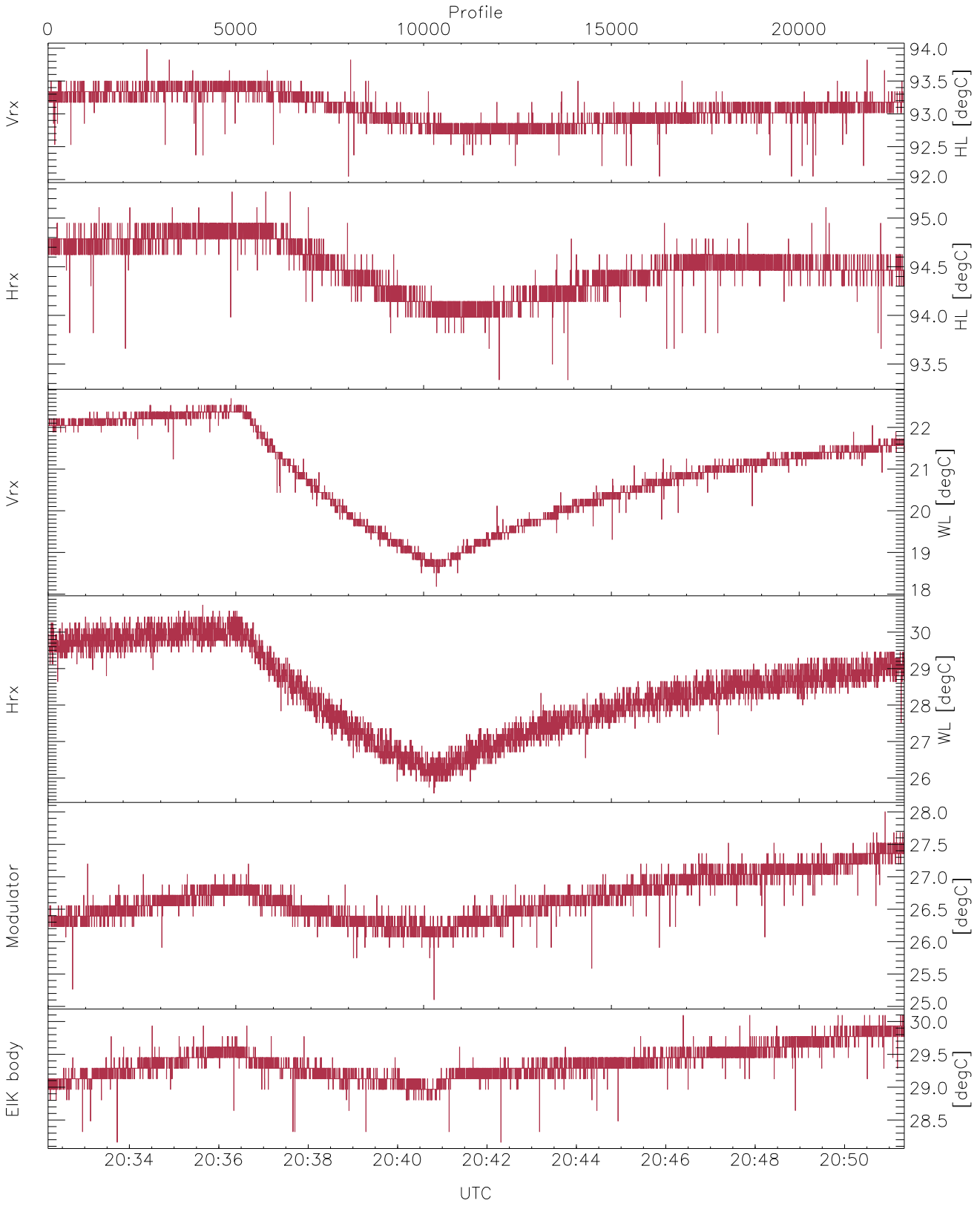






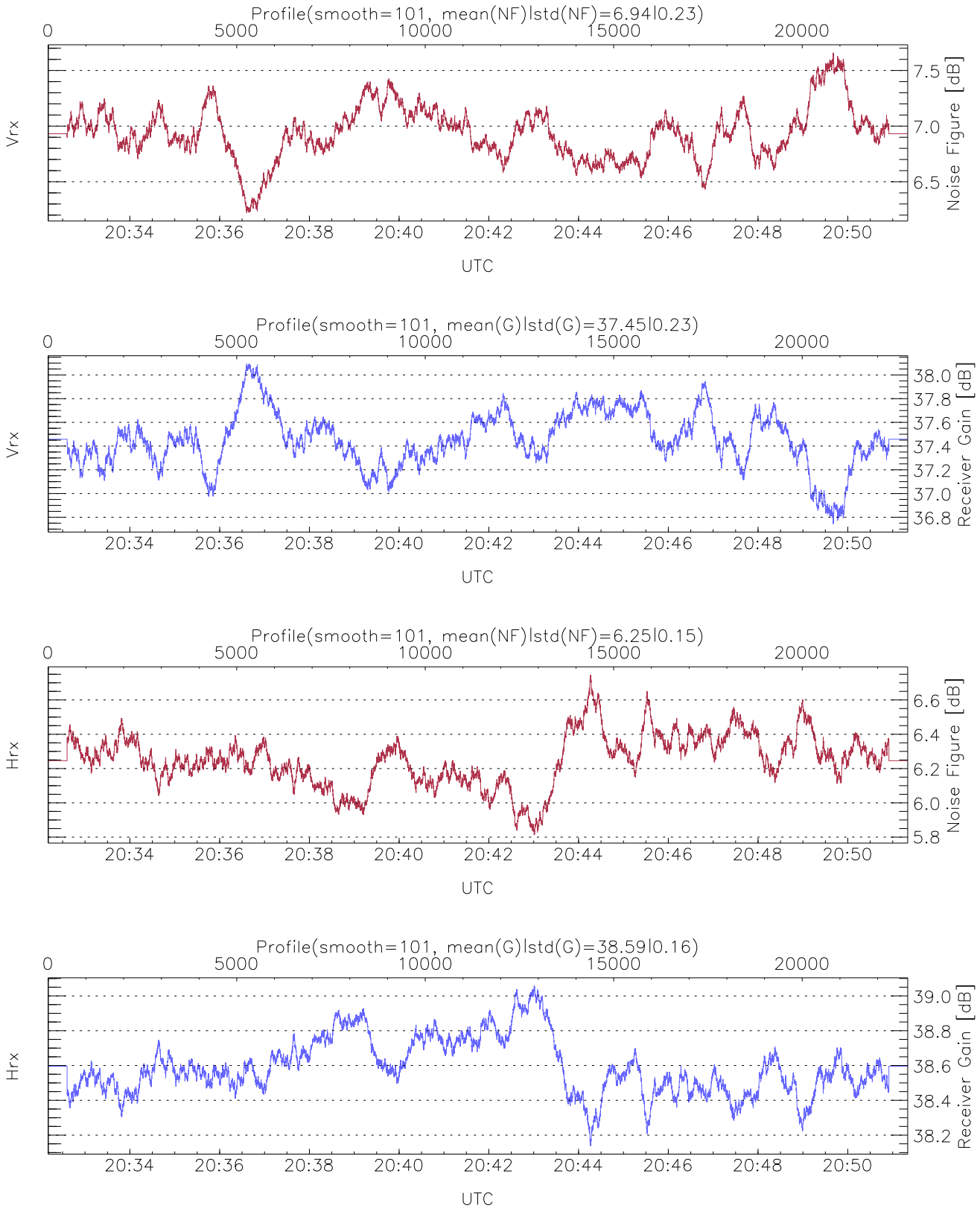
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 20:32:11-21:07:06, Dur: 2095.65s
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): 22800/41571, 0-22799/20:32:11-20:51:20
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



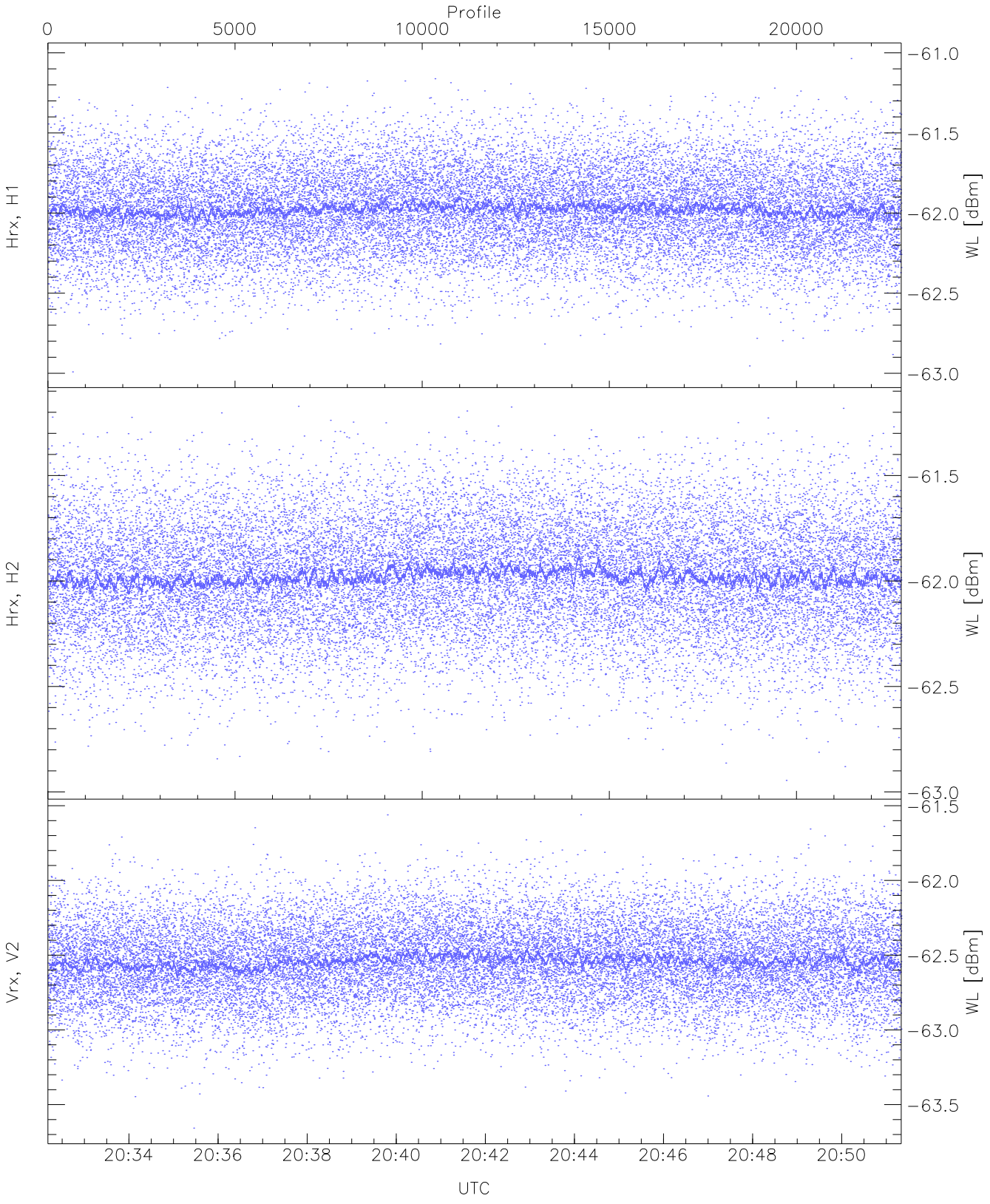
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,18,25,25,28
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,22,30,28,30
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (15,15,15,15,15,10)



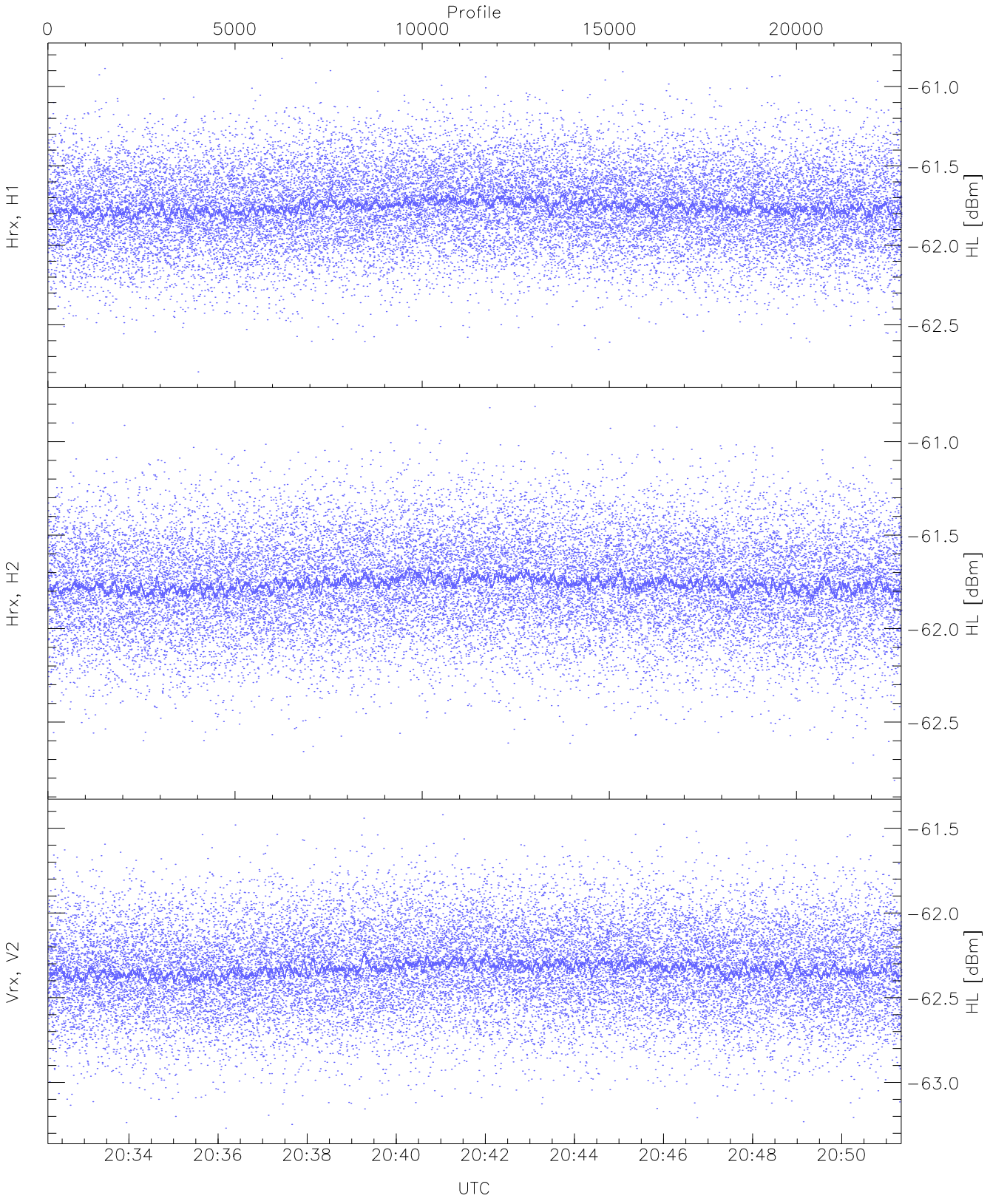
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 1984 pixs, 61 gates, 1760 profs, 2 prods



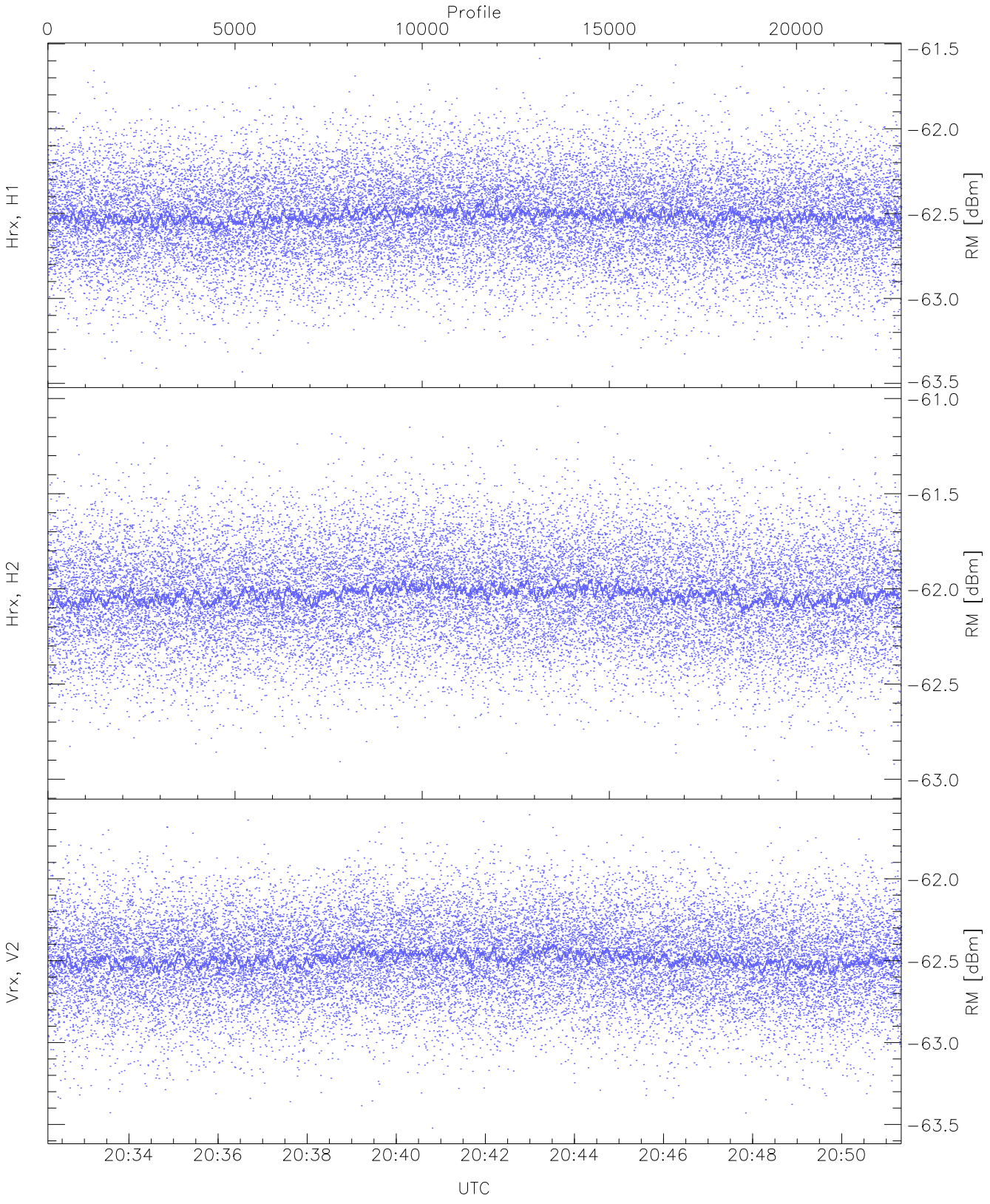
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.99	-61.04	-61.98	-61.98	-74.53
Hrx, H2(WL [dBm])	-62.95	-61.17	-61.98	-61.98	-74.53
Vrx, V2(WL [dBm])	-63.66	-61.56	-62.54	-62.54	-75.08



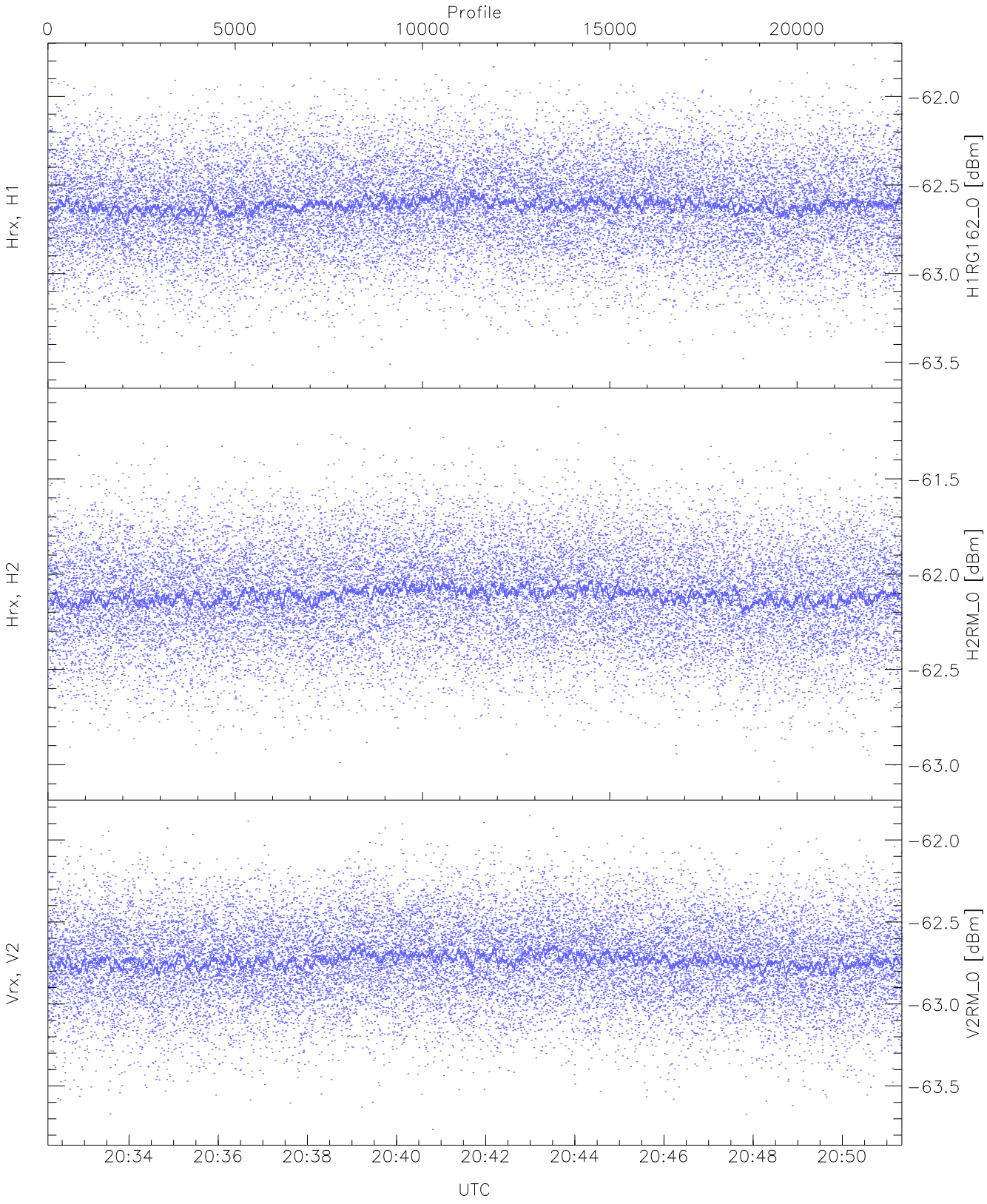
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.80	-60.82	-61.76	-61.76	-74.34
Hrx, H2(HL [dBm])	-62.81	-60.81	-61.76	-61.76	-74.28
Vrx, V2(HL [dBm])	-63.27	-61.42	-62.33	-62.33	-74.85



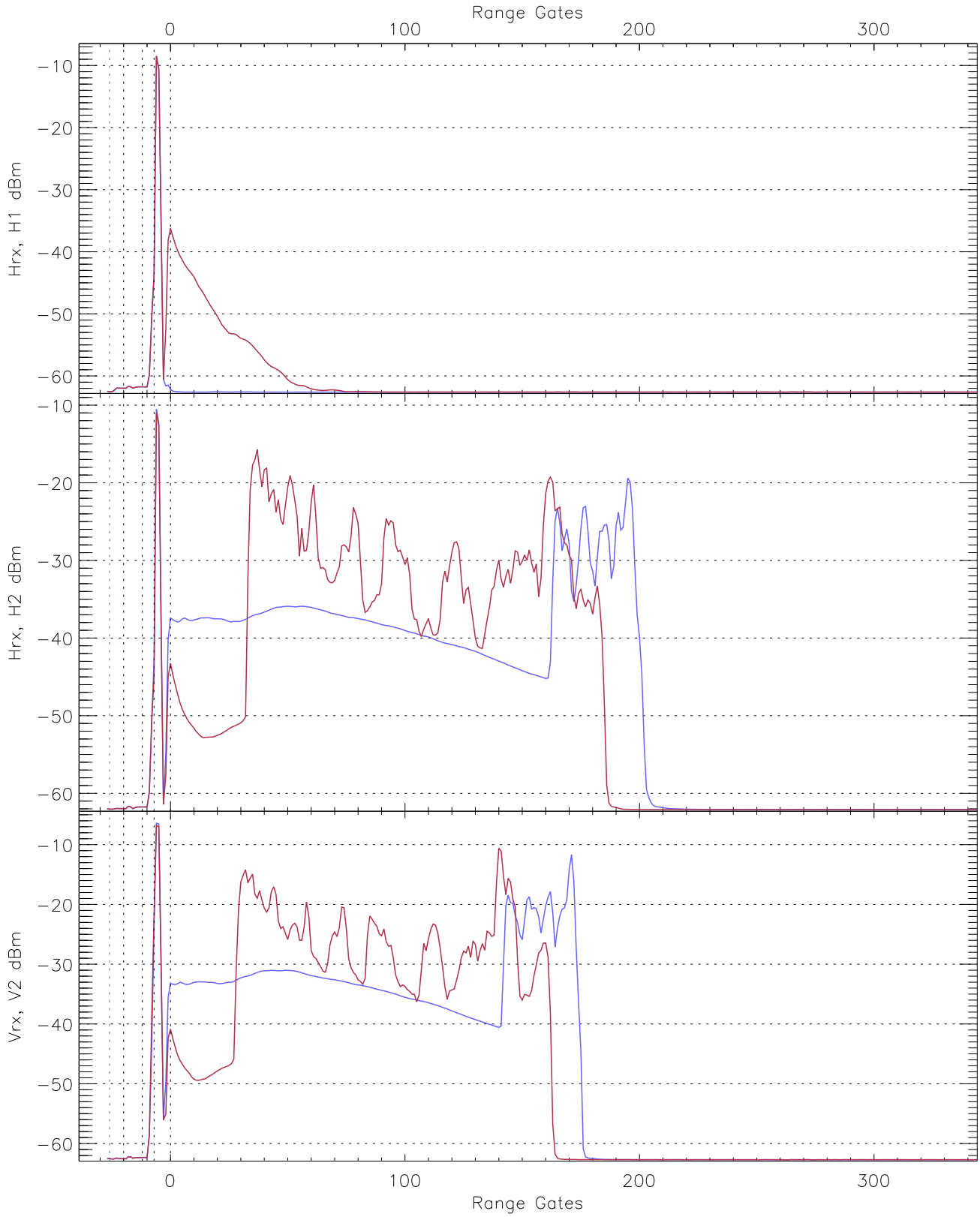
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.43	-61.59	-62.51	-62.52	-75.09
Hrx, H2(RM [dBm])	-63.01	-61.04	-62.03	-62.03	-74.59
Vrx, V2(RM [dBm])	-63.52	-61.61	-62.49	-62.49	-75.00

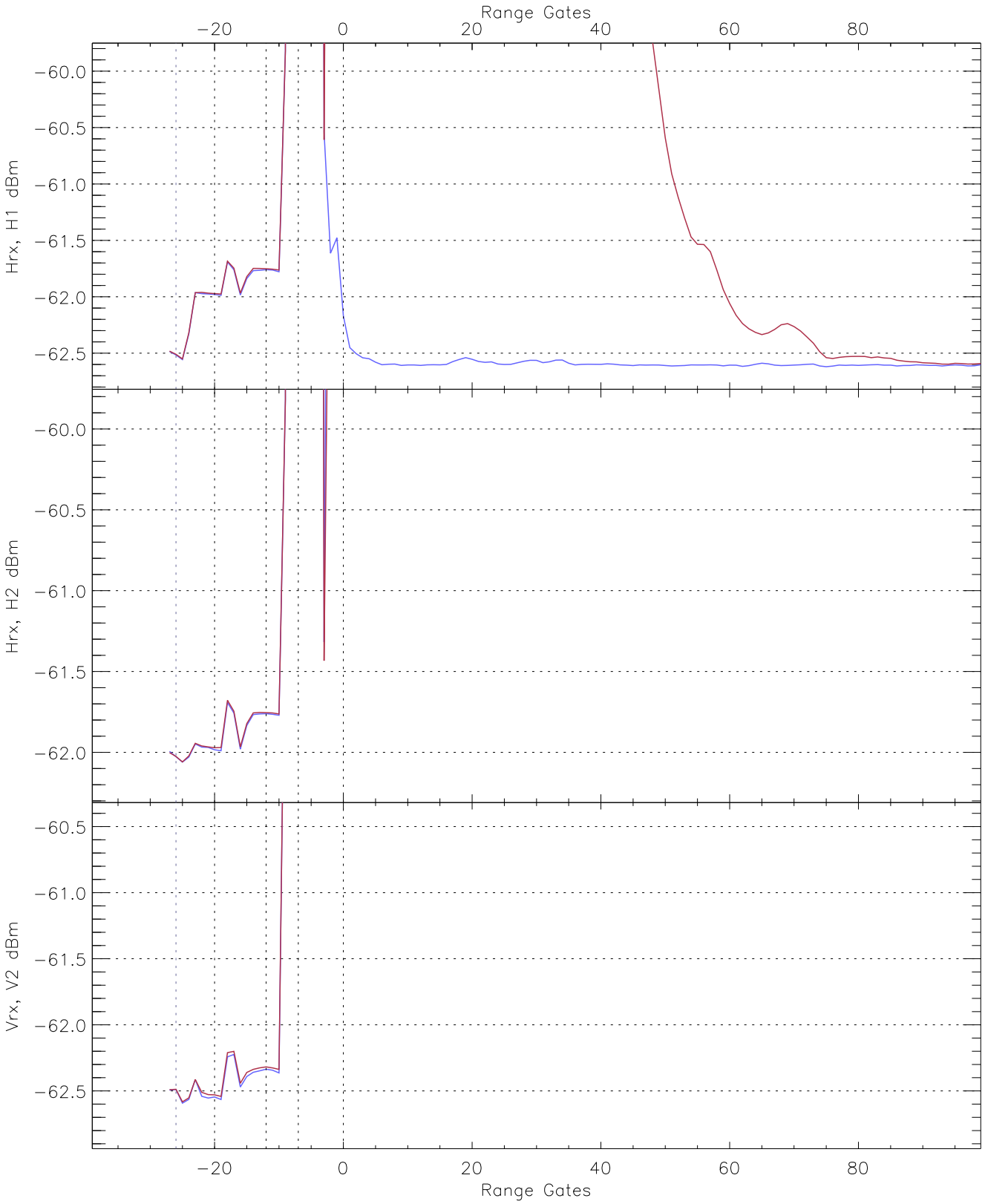


WCR2 CPP "Best" estimate Receivers Noise Power

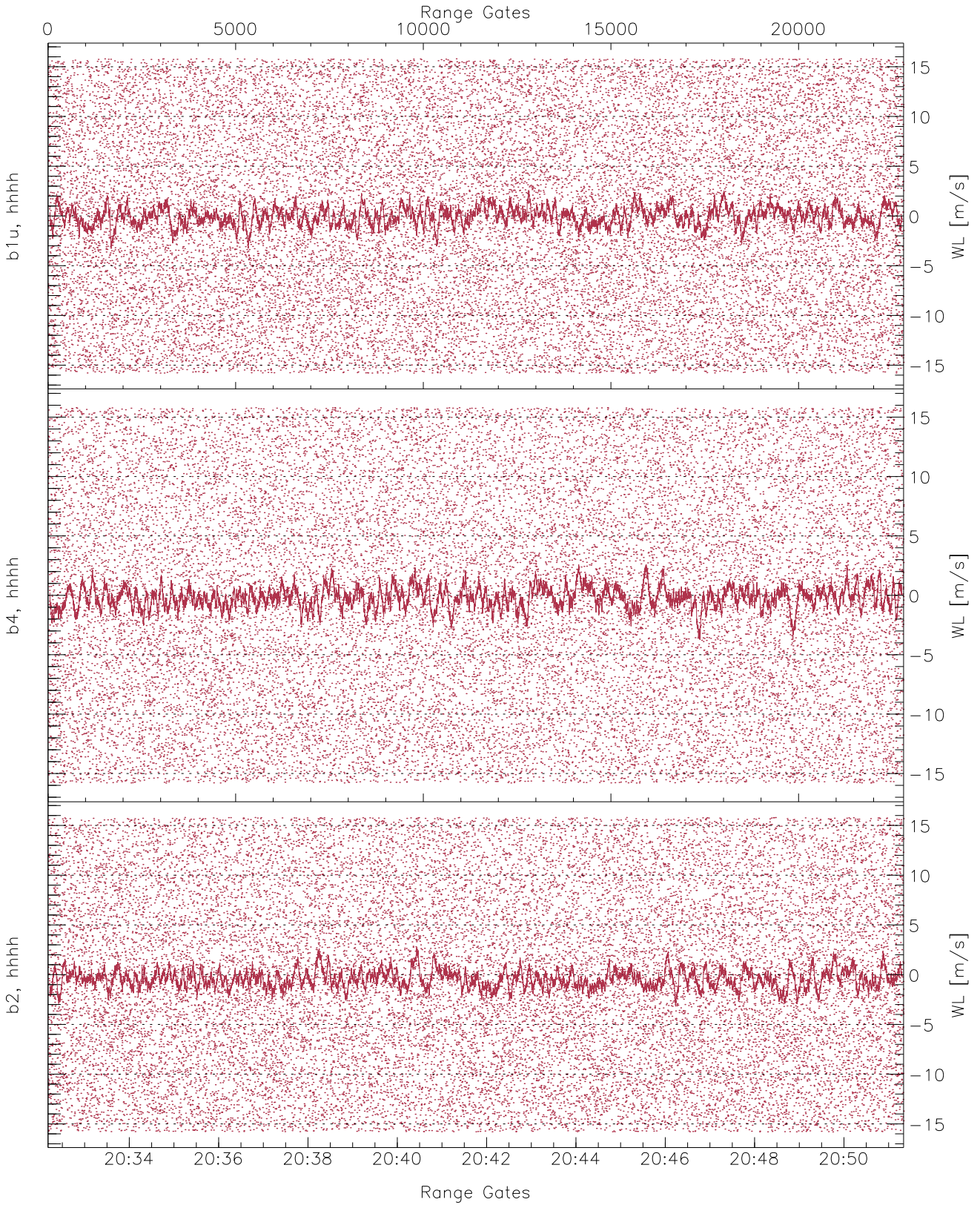
	Min	Max	Mean	Median	StDev
H1RG162_0 [dBm]	-63.56	-61.79	-62.61	-62.61	-75.22
H2RM_0 [dBm]	-63.09	-61.12	-62.11	-62.11	-74.67
V2RM_0 [dBm]	-63.77	-61.85	-62.73	-62.73	-75.24



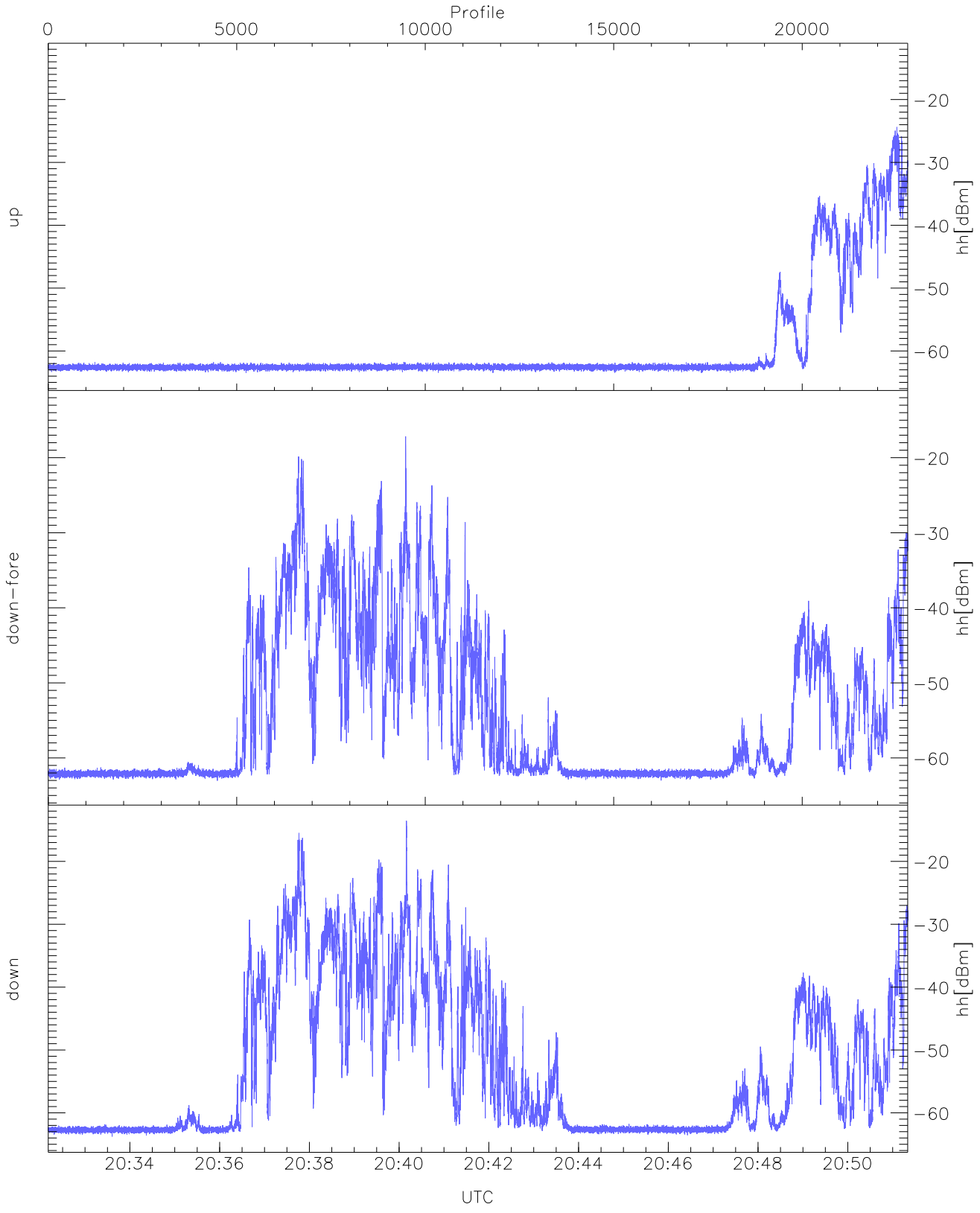
WCR2 CPP Averaged Received power for all recorded gates
blue: 203211-204145, 11401 profiles averaged
red: 204145-205120, 11400 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 203211-204145, 11401 profiles averaged
red: 204145-205120, 11400 profiles averaged

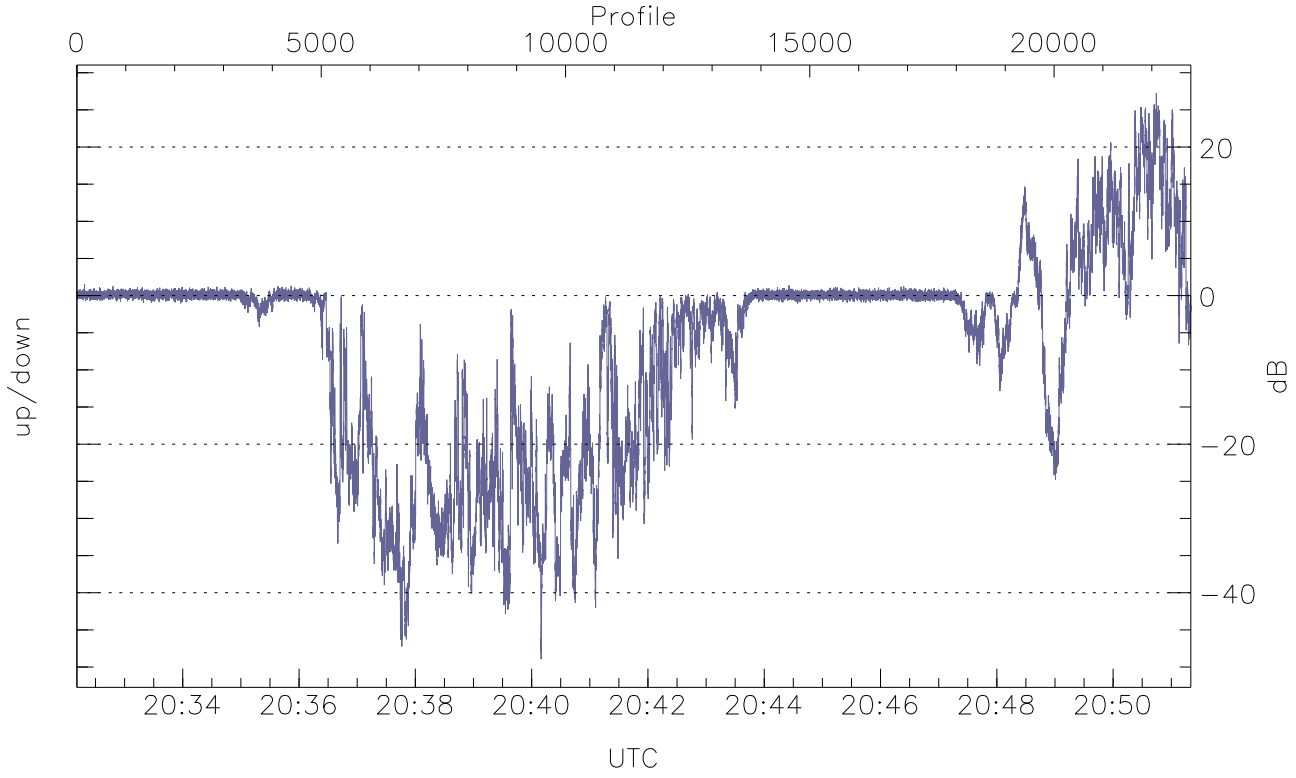


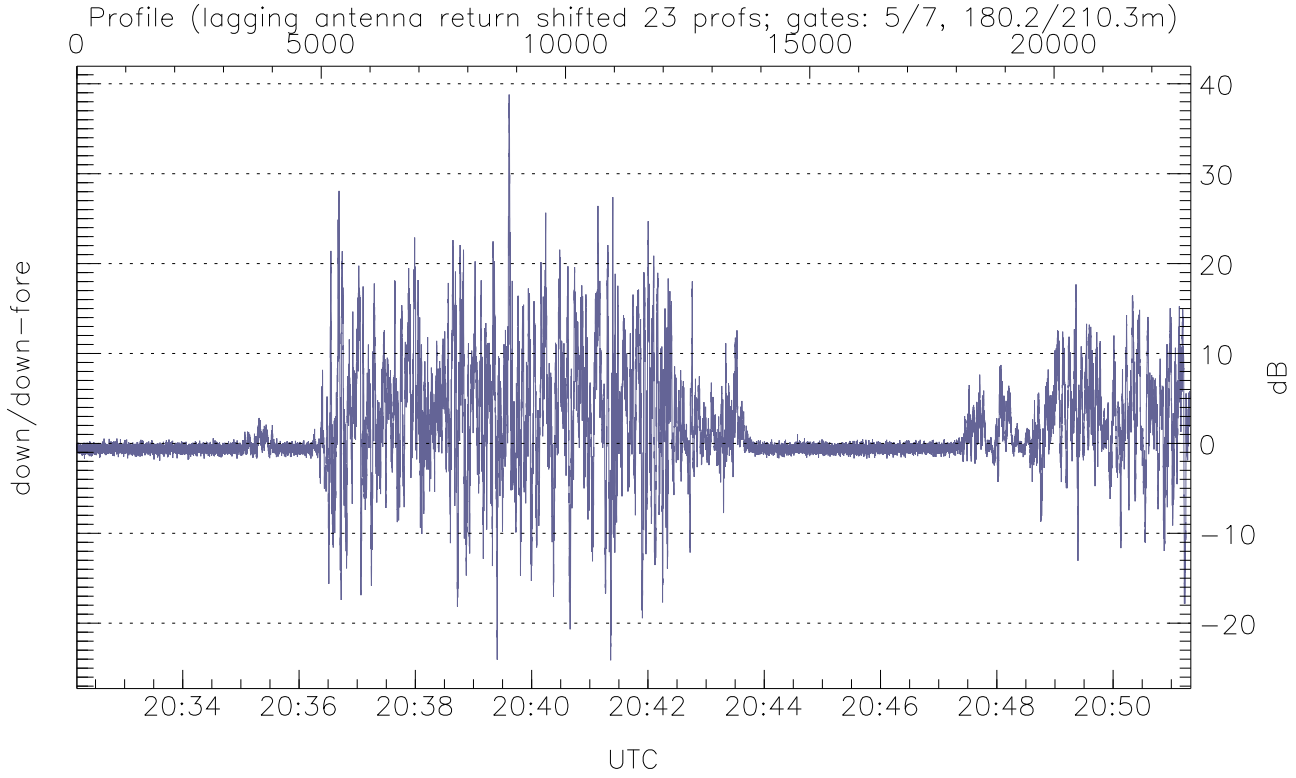
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

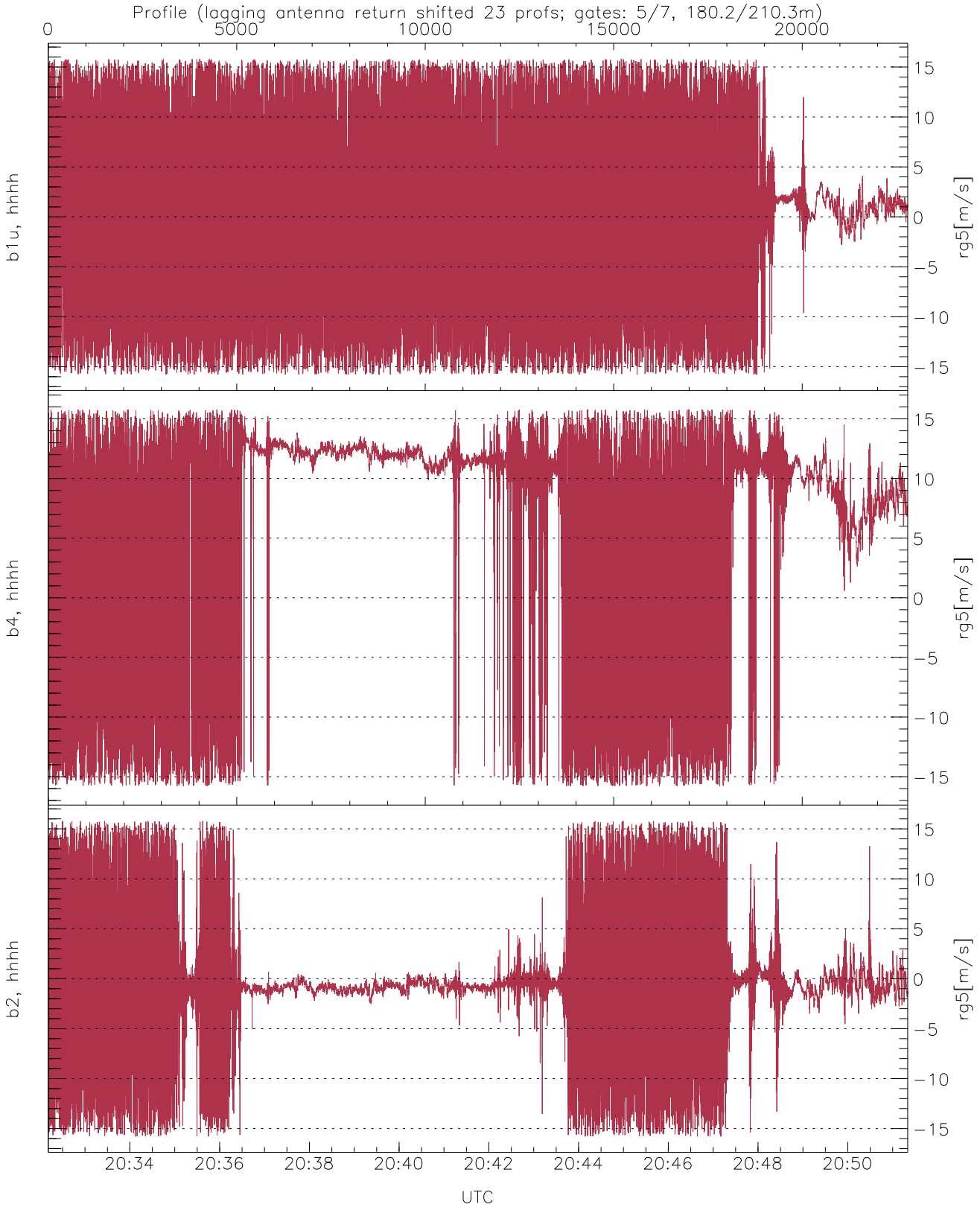
	Min	Max	Mean
up(hh[dBm])	-63.49	-24.38	-44.28
down-fore(hh[dBm])	-63.04	-17.16	-40.26
down(hh[dBm])	-63.77	-13.55	-35.93





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

	Min	Max	Mean
up/down(dB)	-48.93	27.23	-6.75
down/down-fore(dB)	-24.12	38.81	1.56



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.80	0.10	8.25
b4, hhhh(rg5[m/s])	-15.80	15.80	6.25	8.34
b2, hhhh(rg5[m/s])	-15.79	15.80	-0.64	5.44