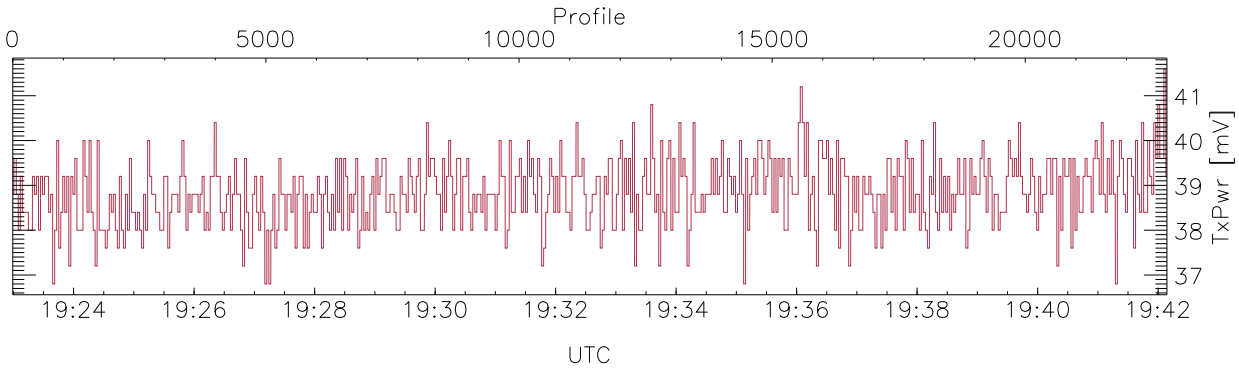
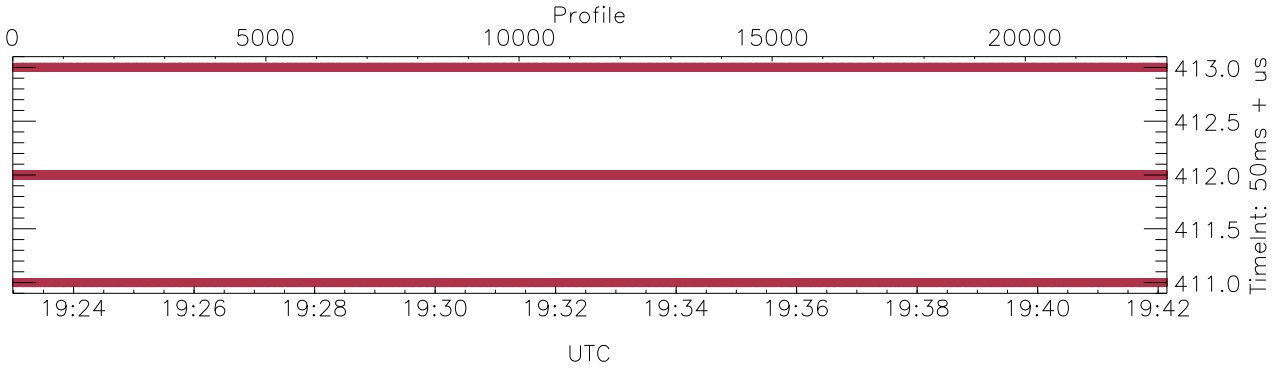
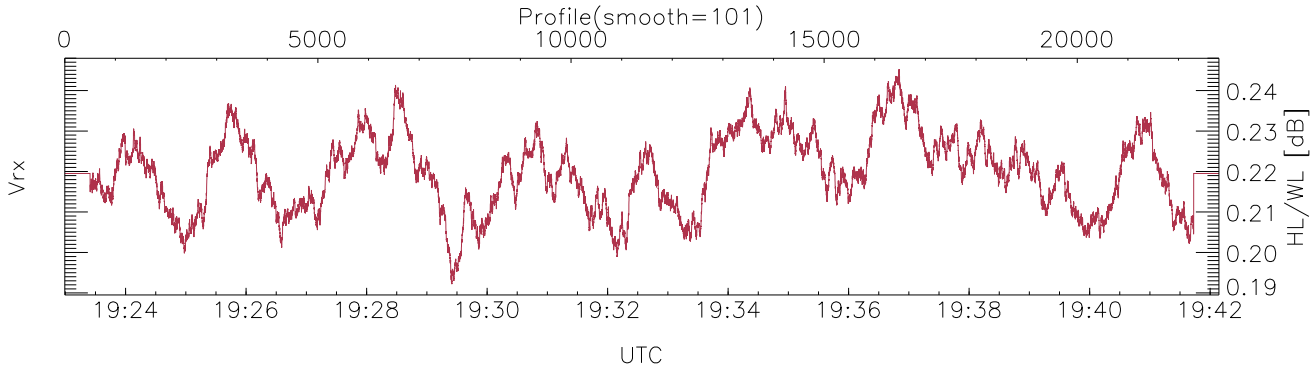
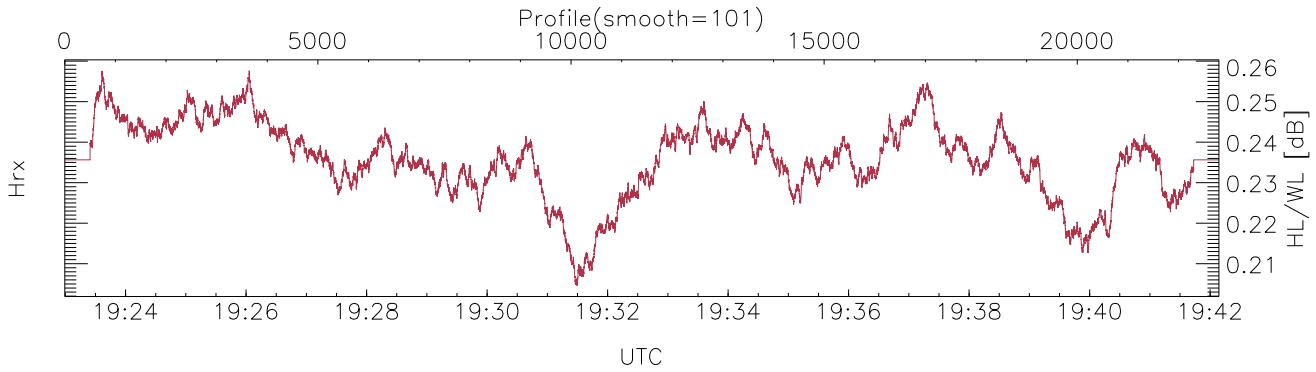


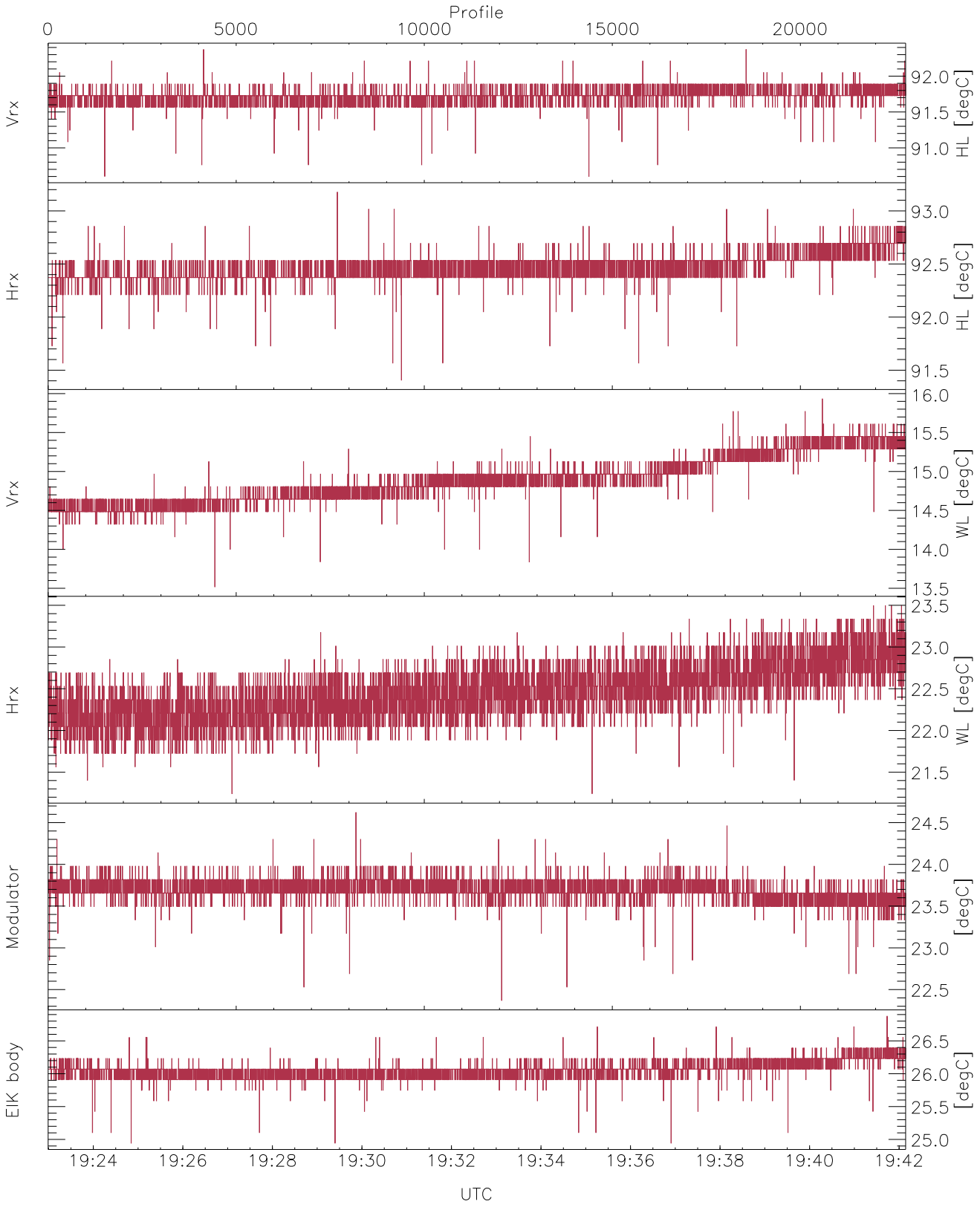






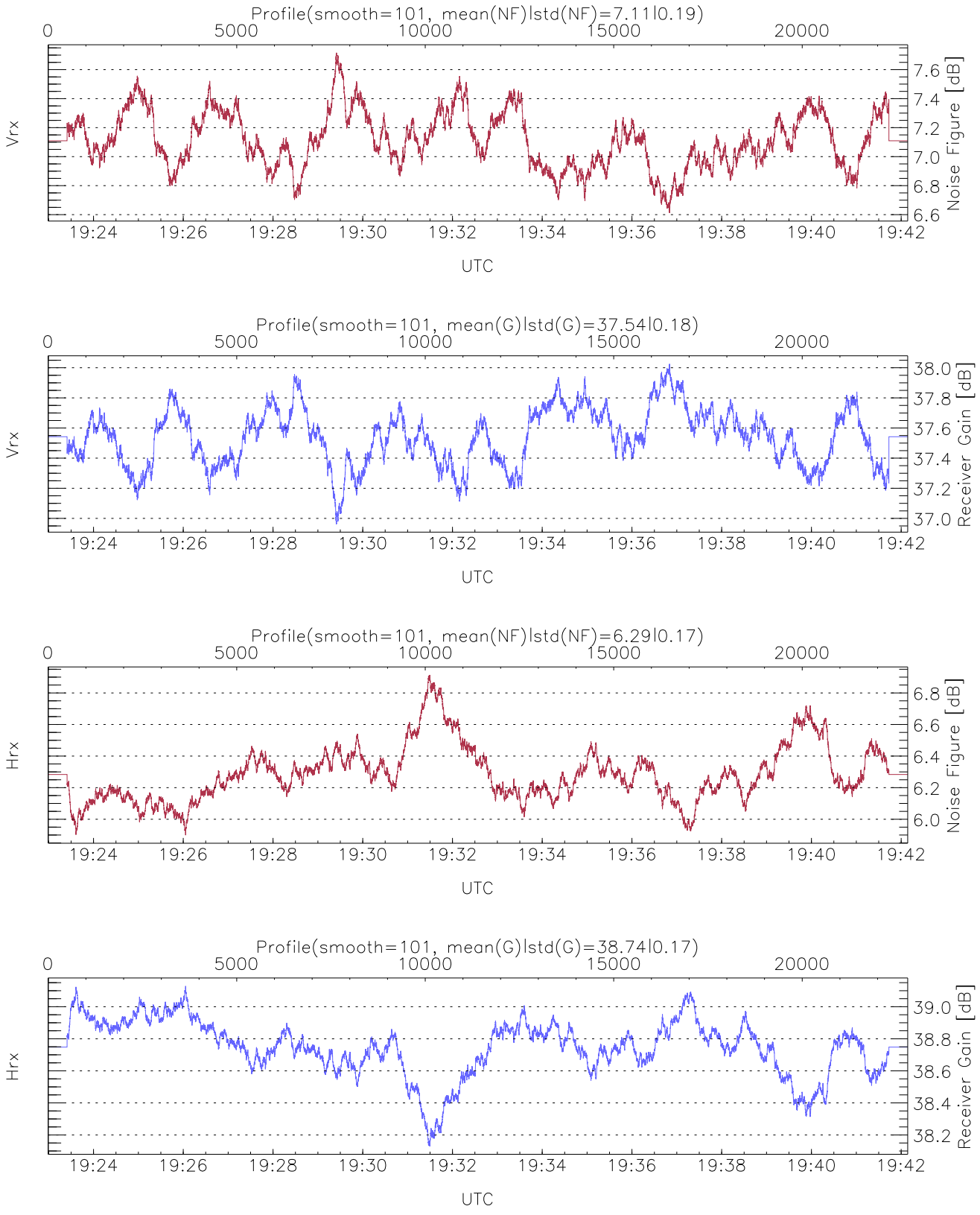
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 19:22:59-20:00:33, Dur: 2253.65s
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): 22800/44705, 0-22799/19:22:59-19:42:09
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



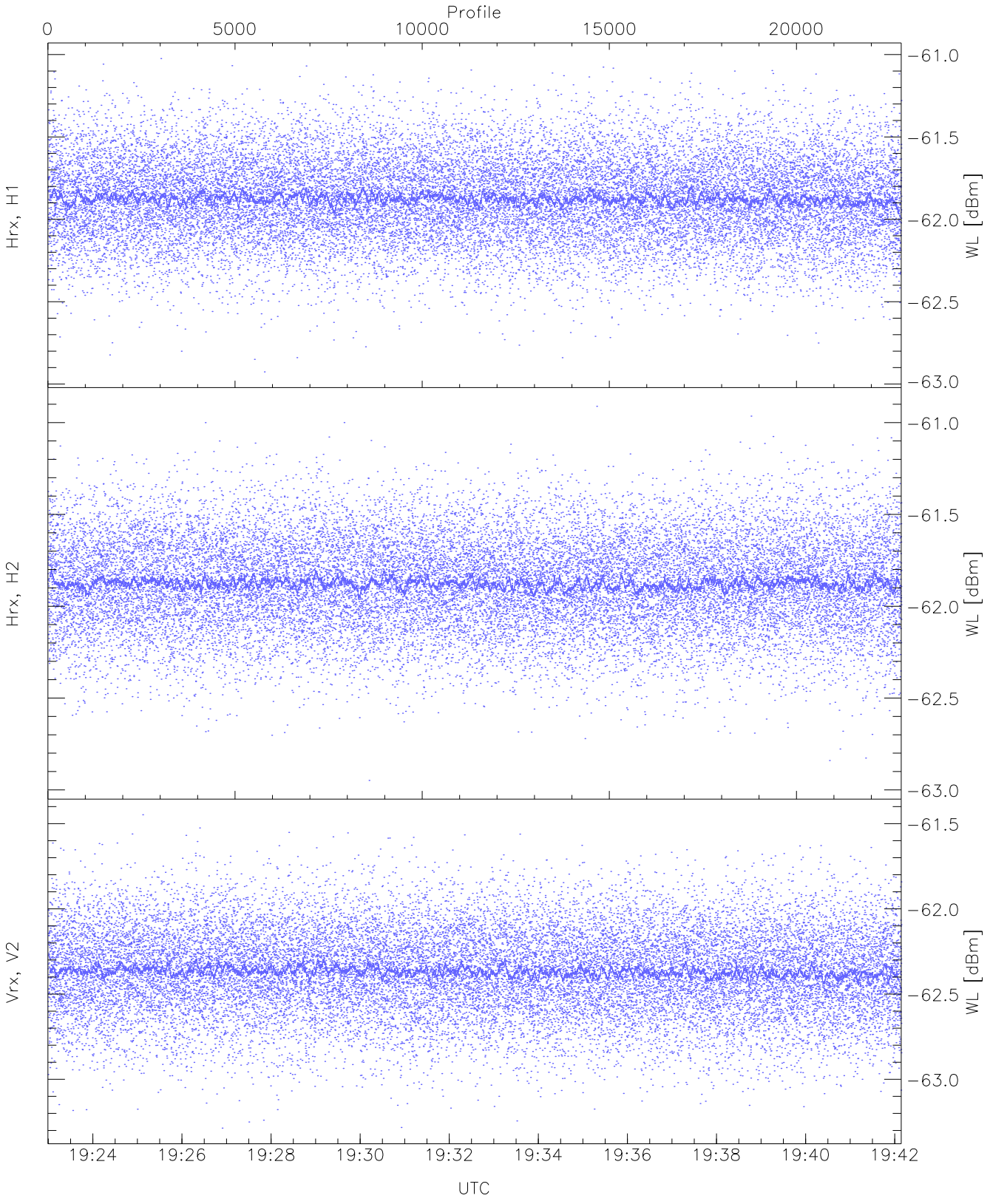
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,13,21,22,24
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,15,23,24,26
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (20,20,20,20,15,20)



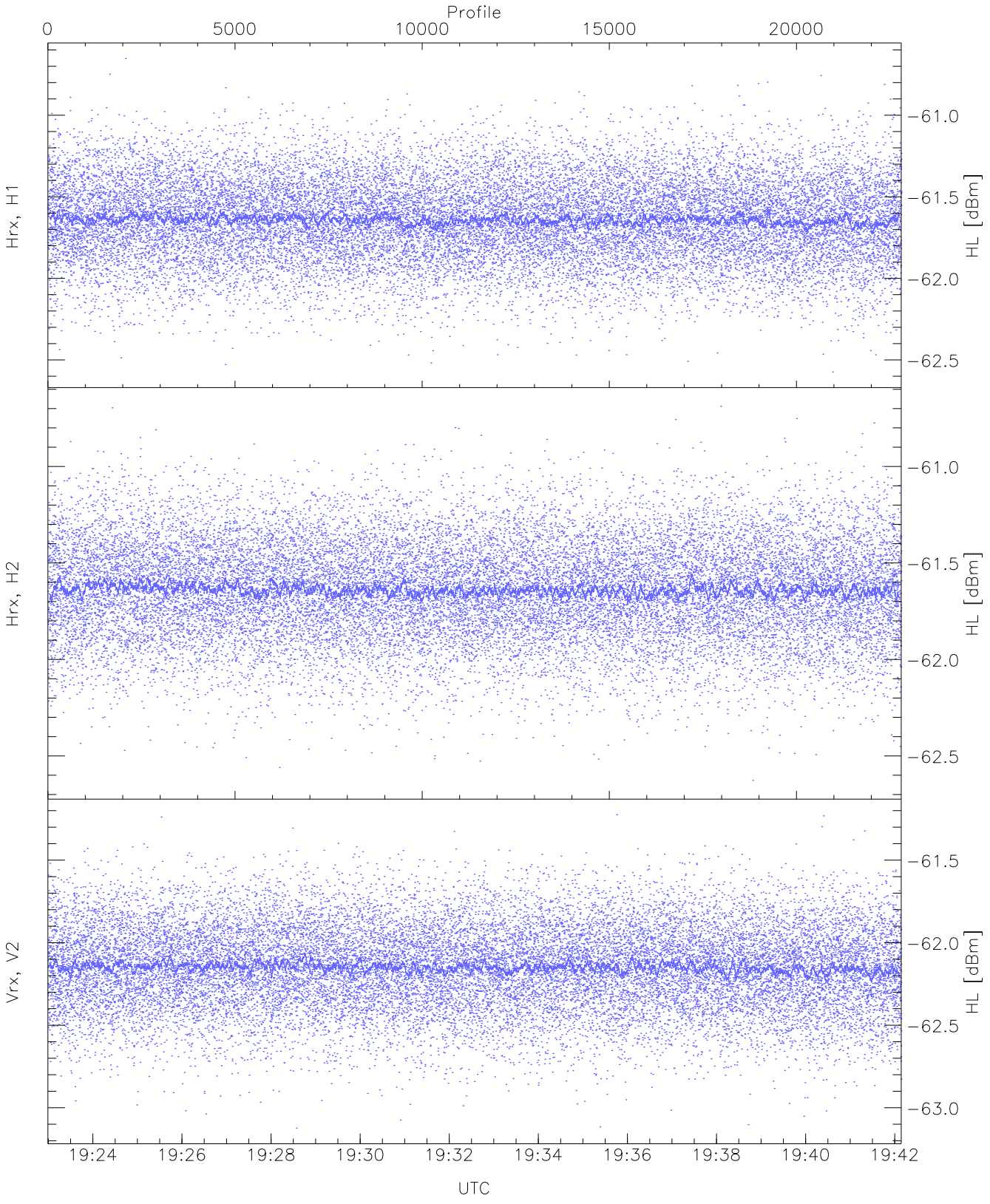
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 18204 pixs, 27 gates, 16352 profs, 1 prods



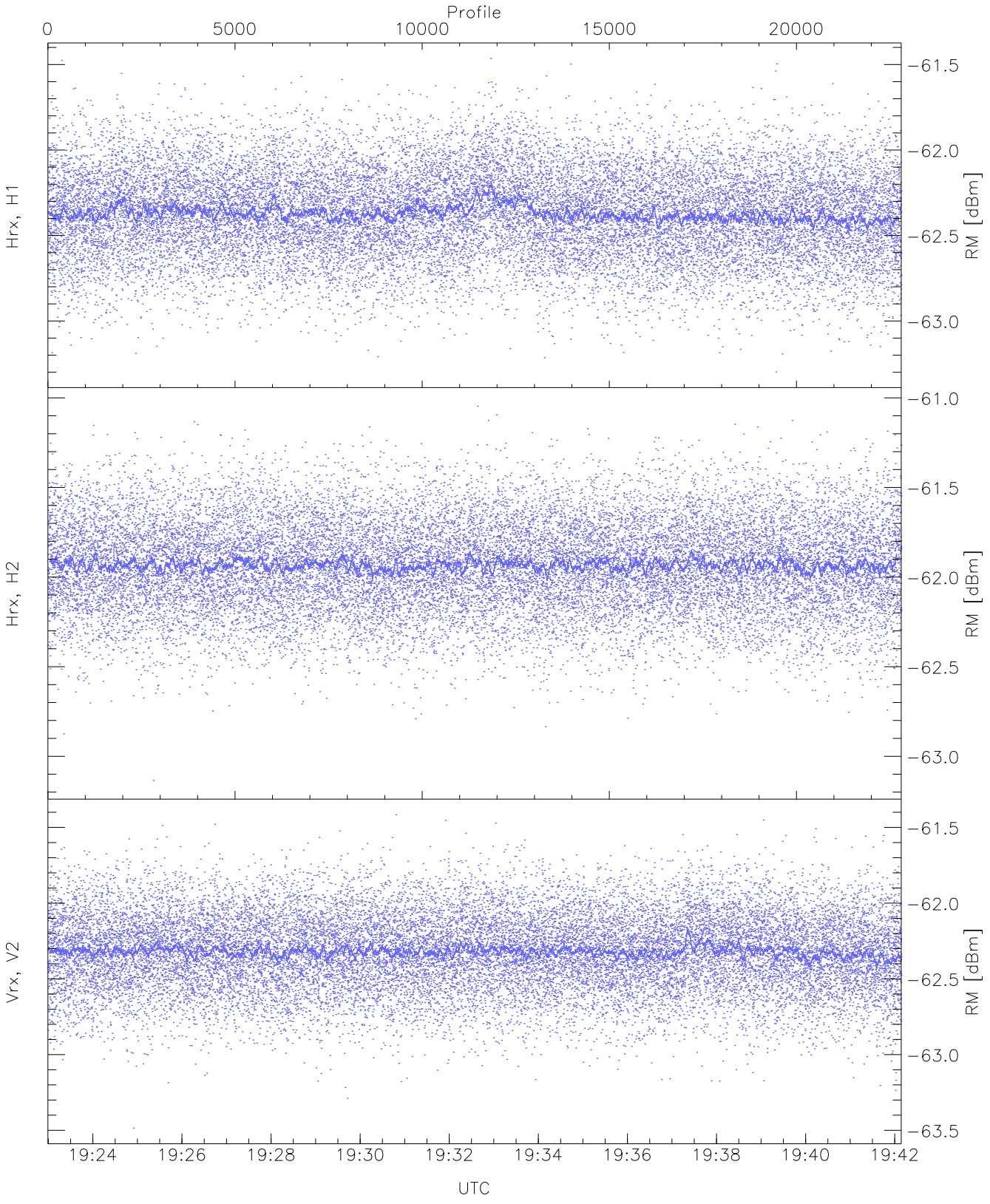
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.93	-61.02	-61.87	-61.88	-74.43
Hrx, H2(WL [dBm])	-62.95	-60.91	-61.87	-61.88	-74.45
Vrx, V2(WL [dBm])	-63.29	-61.45	-62.36	-62.37	-74.93



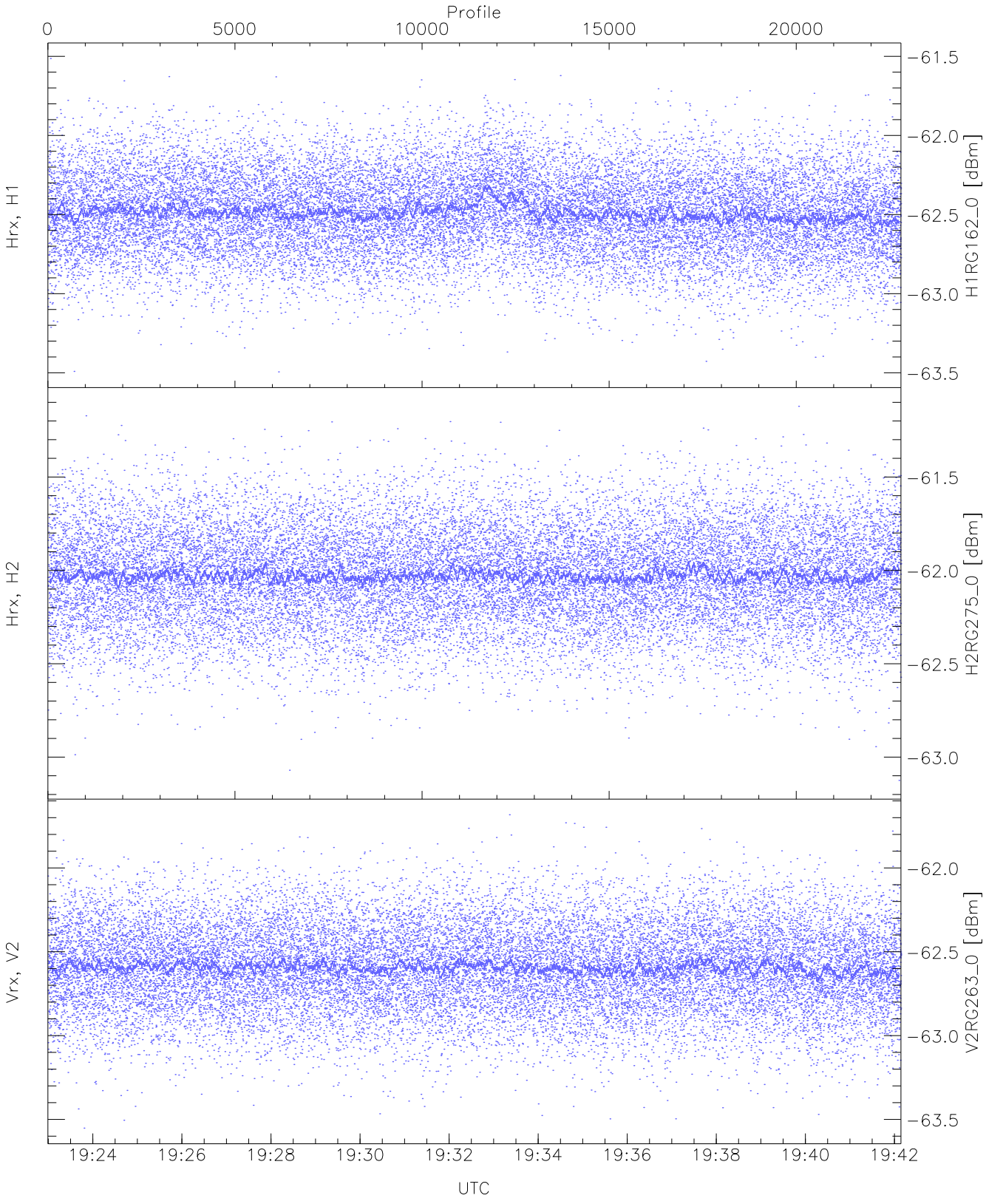
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.57	-60.65	-61.64	-61.64	-74.22
Hrx, H2(HL [dBm])	-62.63	-60.69	-61.63	-61.64	-74.19
Vrx, V2(HL [dBm])	-63.12	-61.23	-62.14	-62.15	-74.71



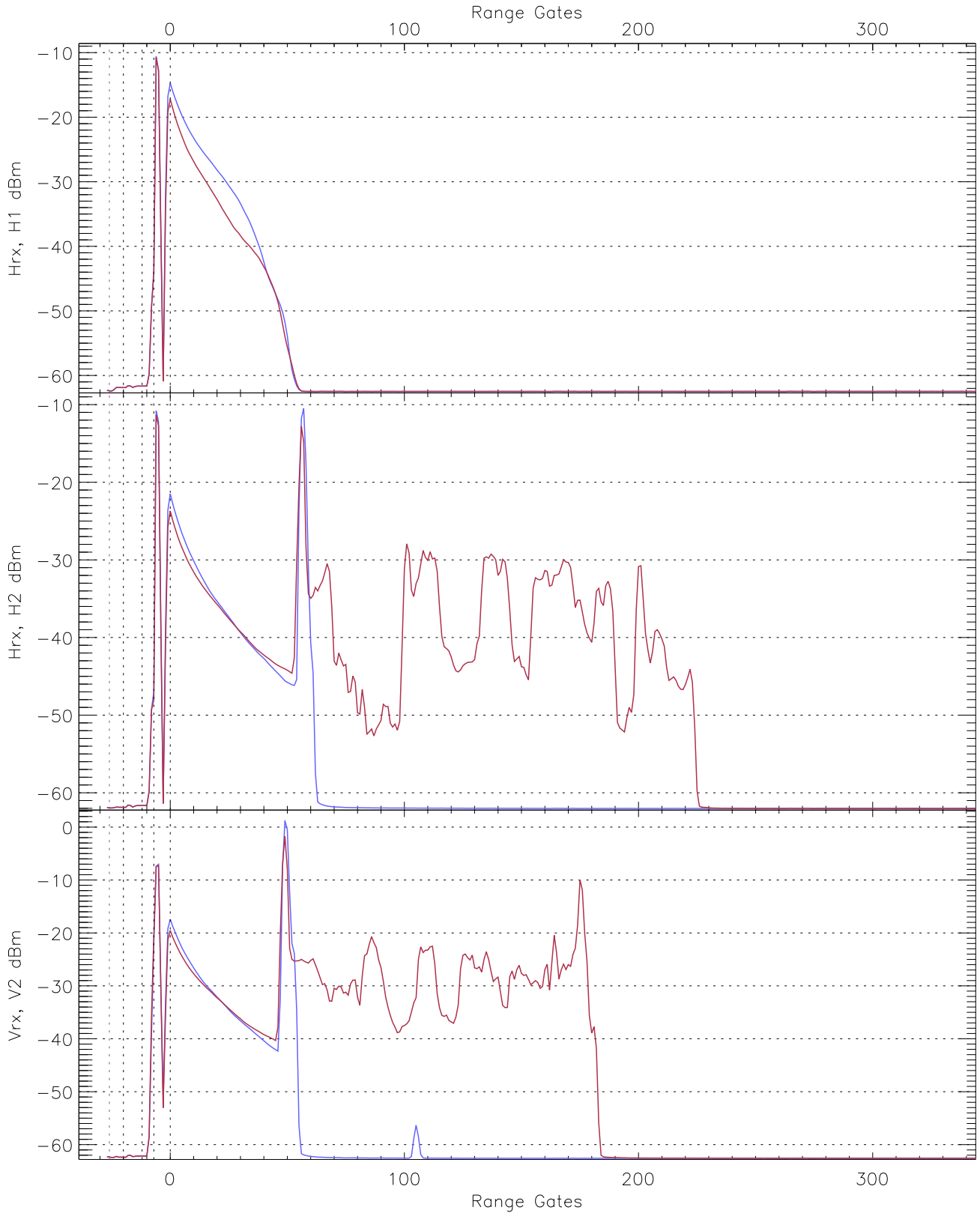
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.30	-61.47	-62.37	-62.37	-74.90
Hrx, H2(RM [dBm])	-63.13	-61.05	-61.93	-61.93	-74.49
Vrx, V2(RM [dBm])	-63.49	-61.42	-62.32	-62.32	-74.88

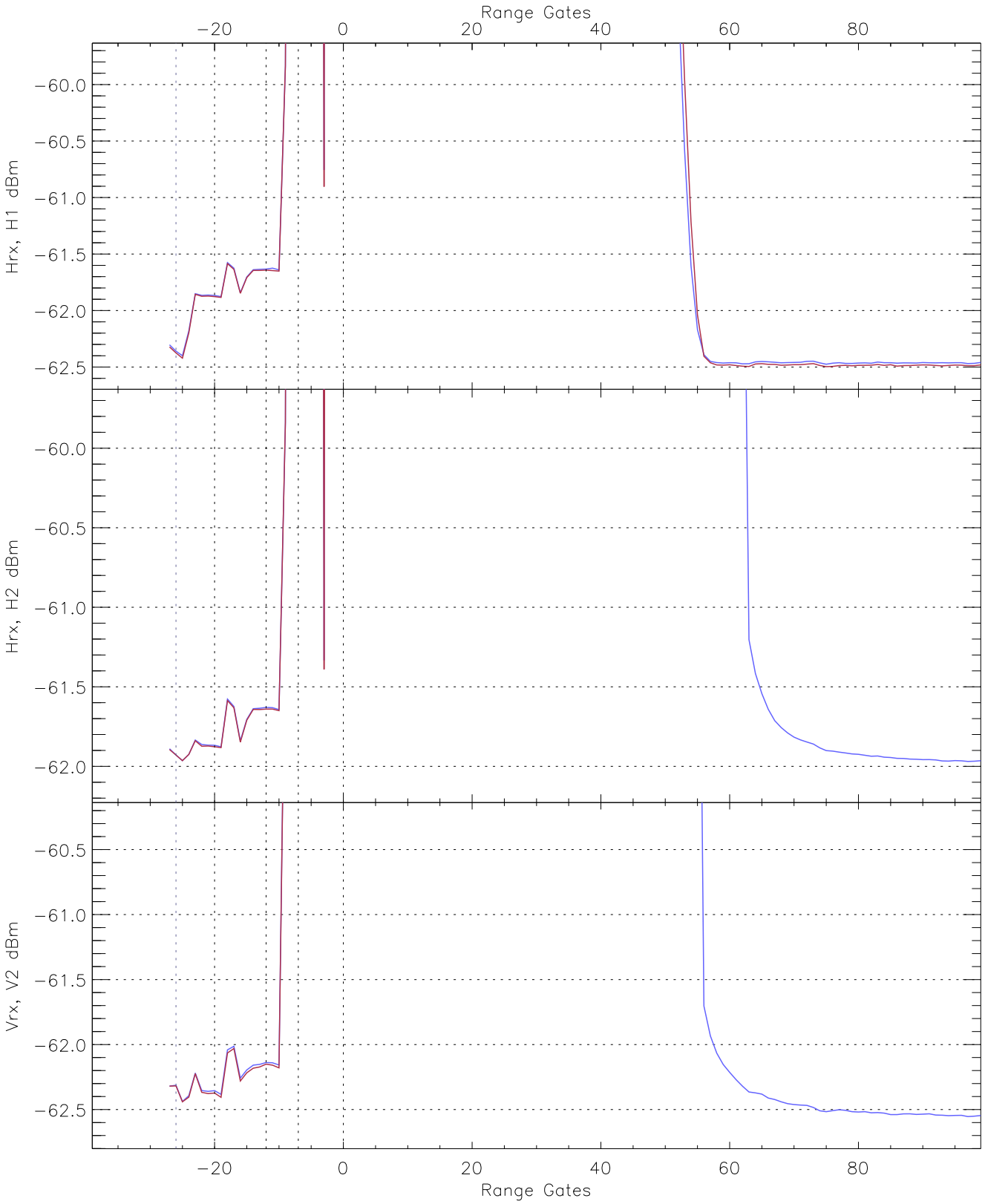


WCR2 CPP "Best" estimate Receivers Noise Power

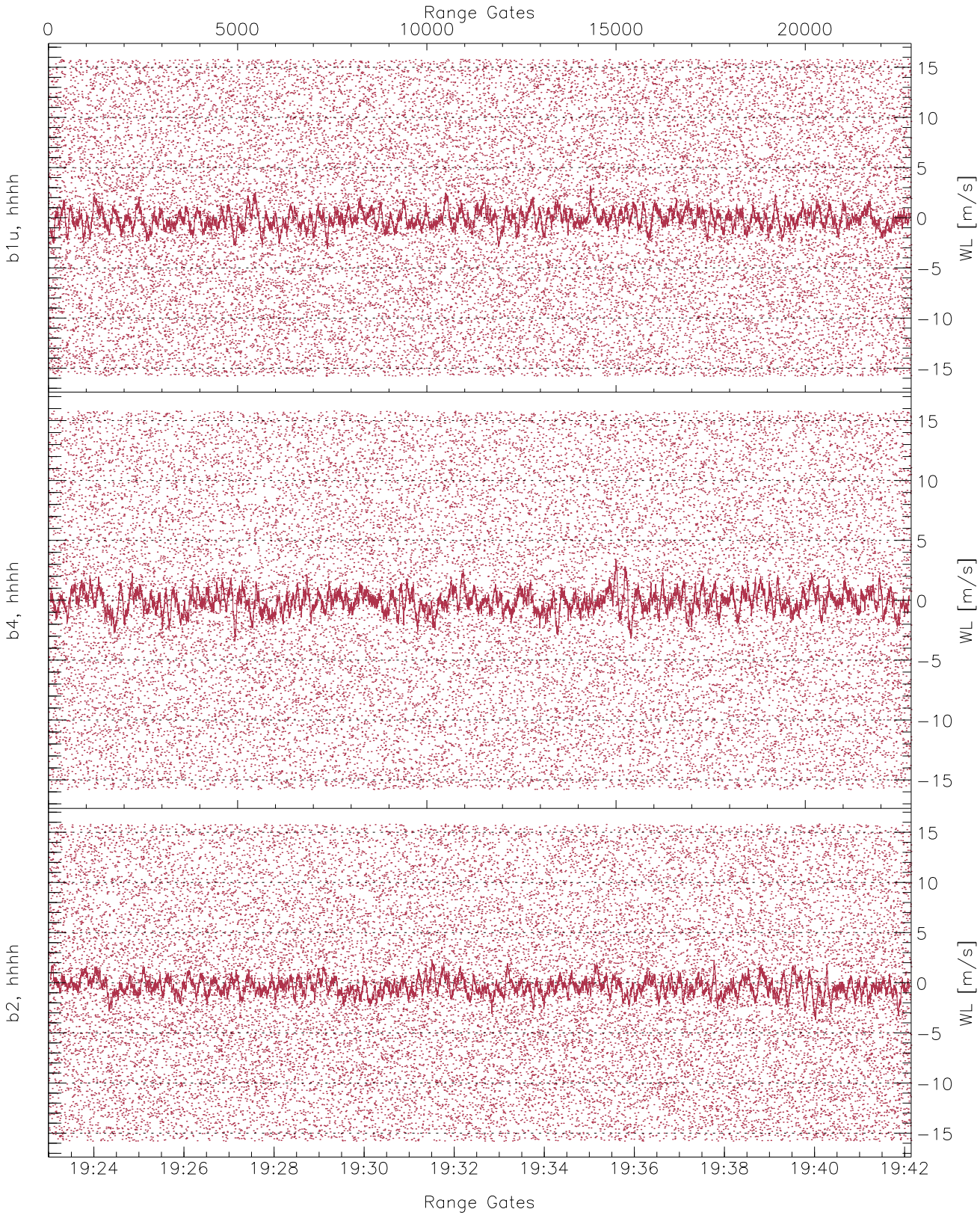
	Min	Max	Mean	Median	StDev
H1RG162_0 [dBm]	-63.49	-61.51	-62.49	-62.49	-74.99
H2RG275_0 [dBm]	-63.12	-61.12	-62.03	-62.03	-74.60
V2RG263_0 [dBm]	-63.55	-61.68	-62.59	-62.60	-75.17



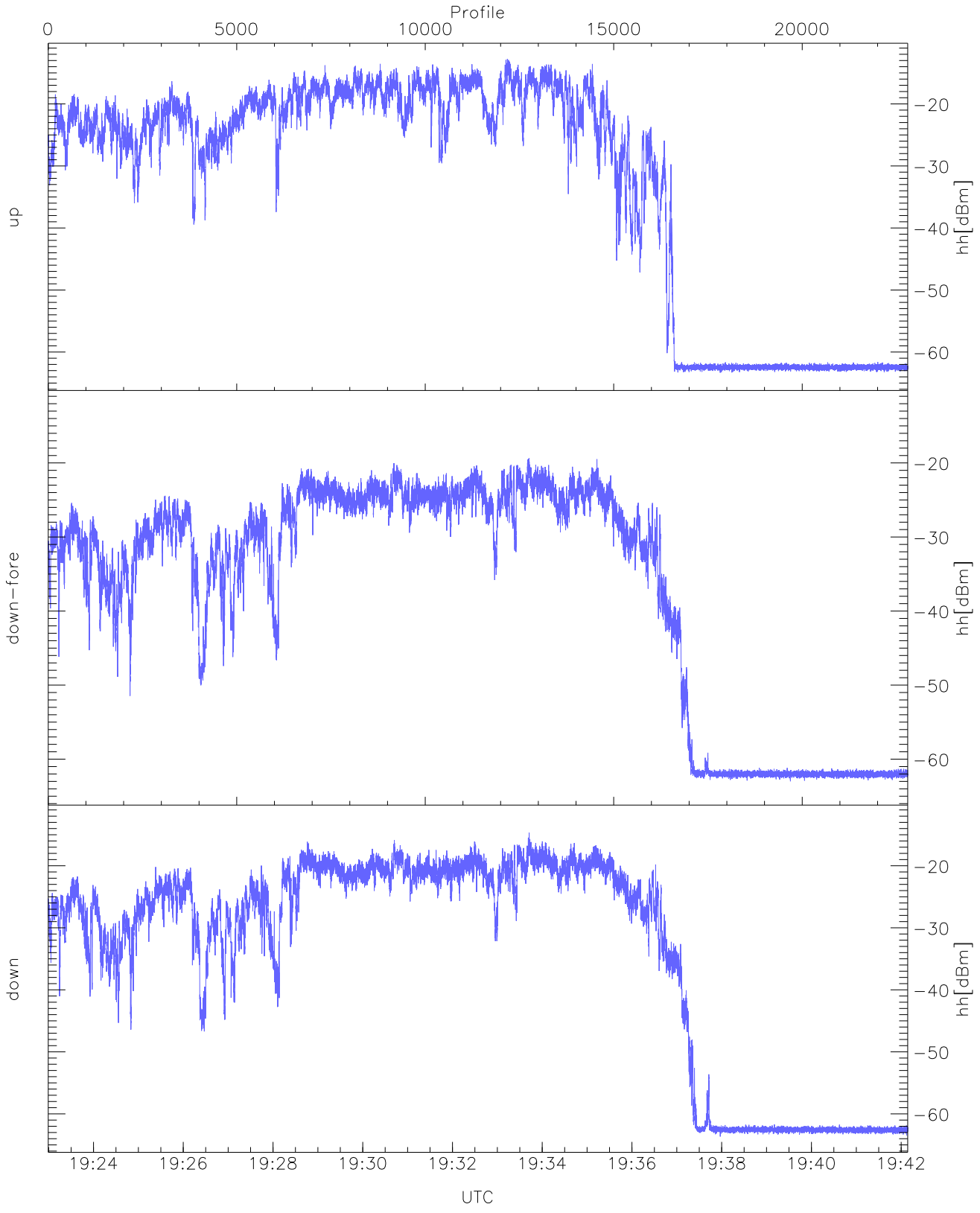
WCR2 CPP Averaged Received power for all recorded gates
blue: 192259-193234, 11401 profiles averaged
red: 193234-194209, 11400 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 192259-193234, 11401 profiles averaged
red: 193234-194209, 11400 profiles averaged

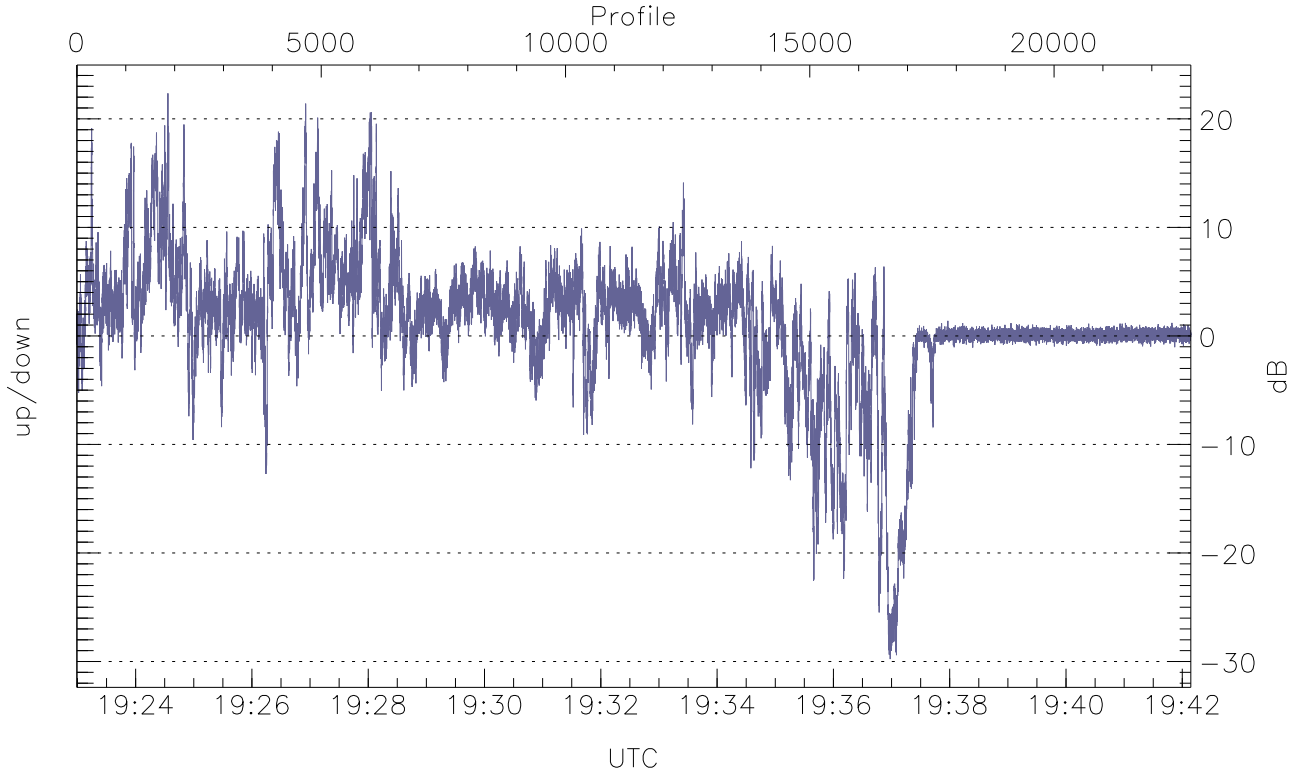


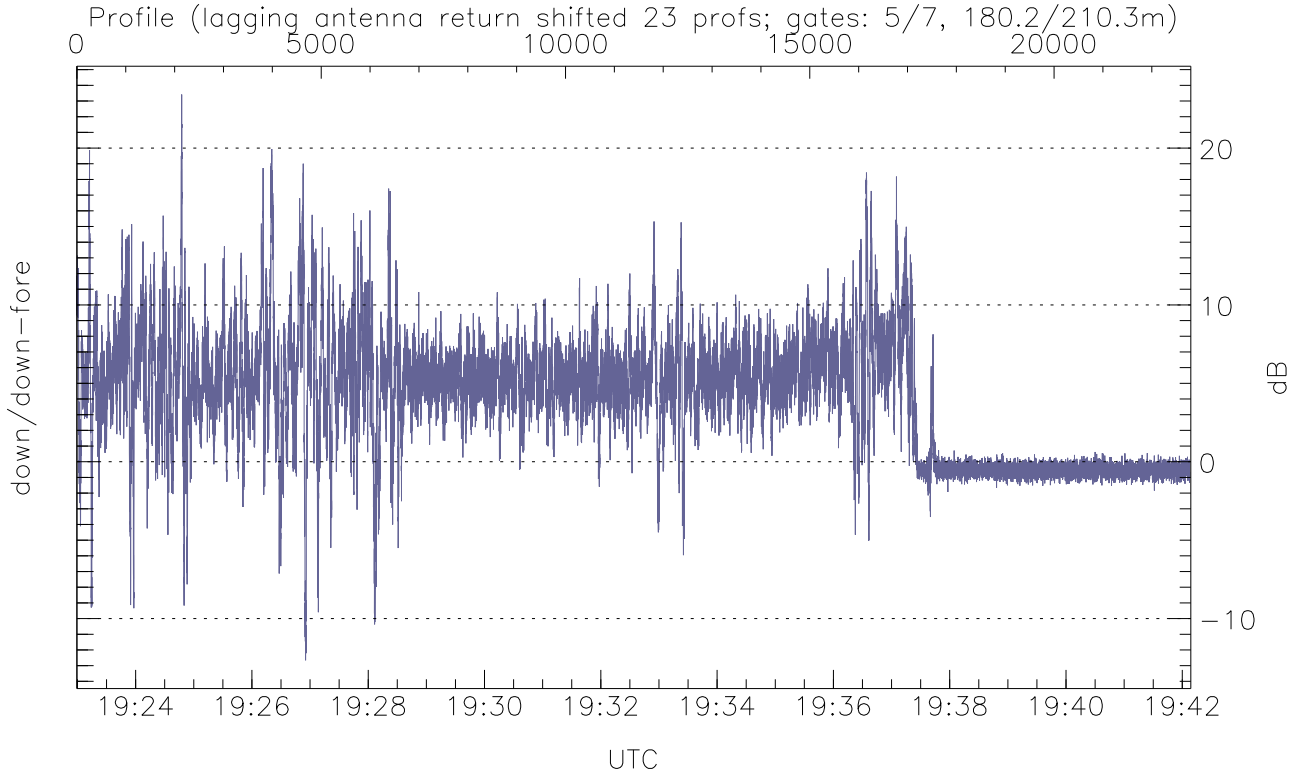
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

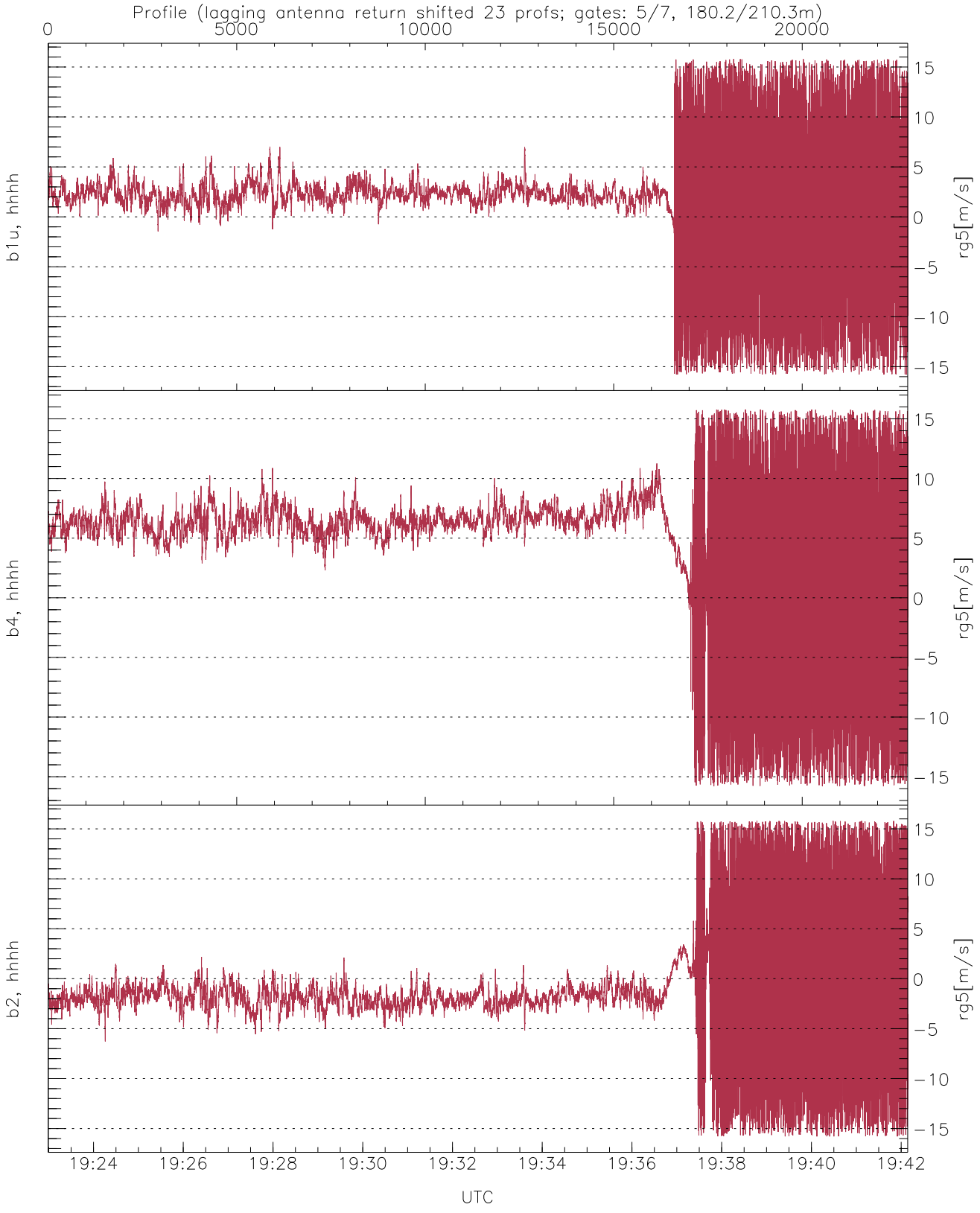
	Min	Max	Mean
up(hh[dBm])	-63.33	-12.76	-21.05
down-fore(hh[dBm])	-62.98	-19.35	-27.39
down(hh[dBm])	-63.65	-14.69	-23.51





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

	Min	Max	Mean
up/down(dB)	-29.78	22.35	1.18
down/down-fore(dB)	-12.66	23.42	4.09



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.80	1.64	4.59
b4, hhhh(rg5[m/s])	-15.80	15.79	4.73	5.46
b2, hhhh(rg5[m/s])	-15.79	15.80	-1.37	4.63