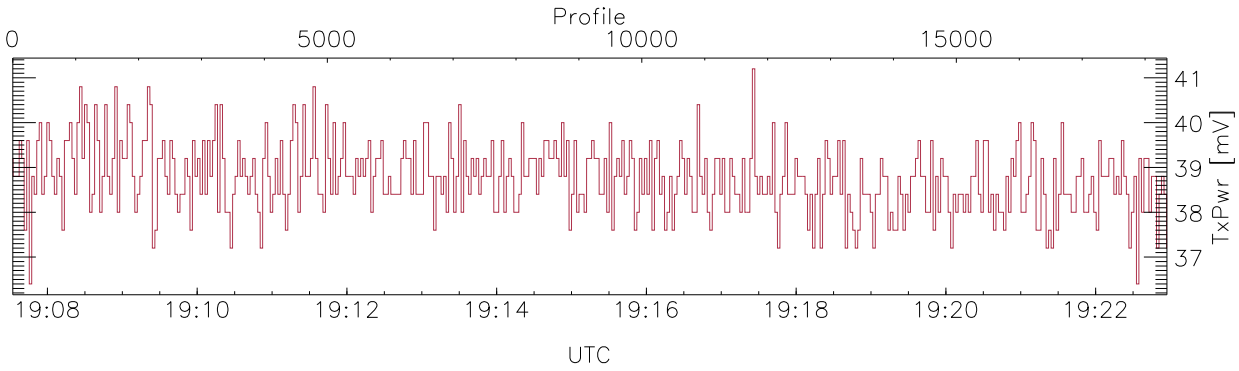
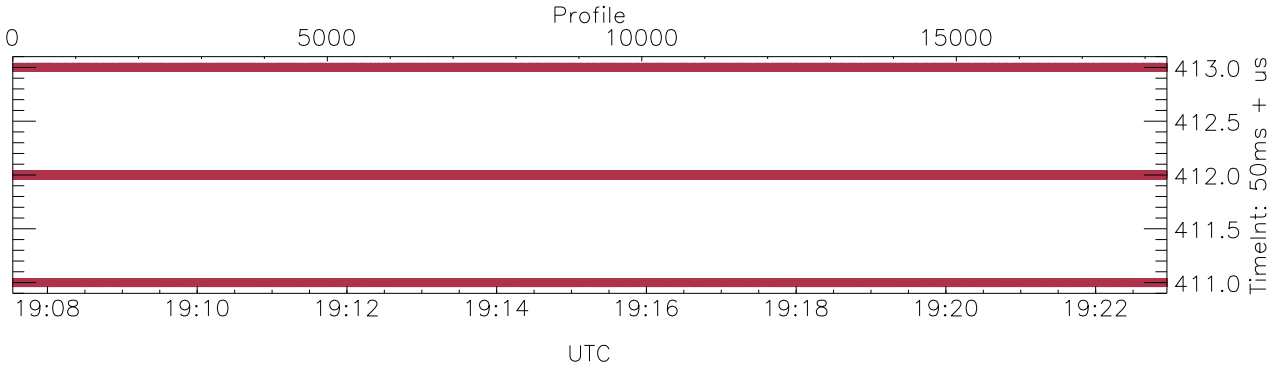
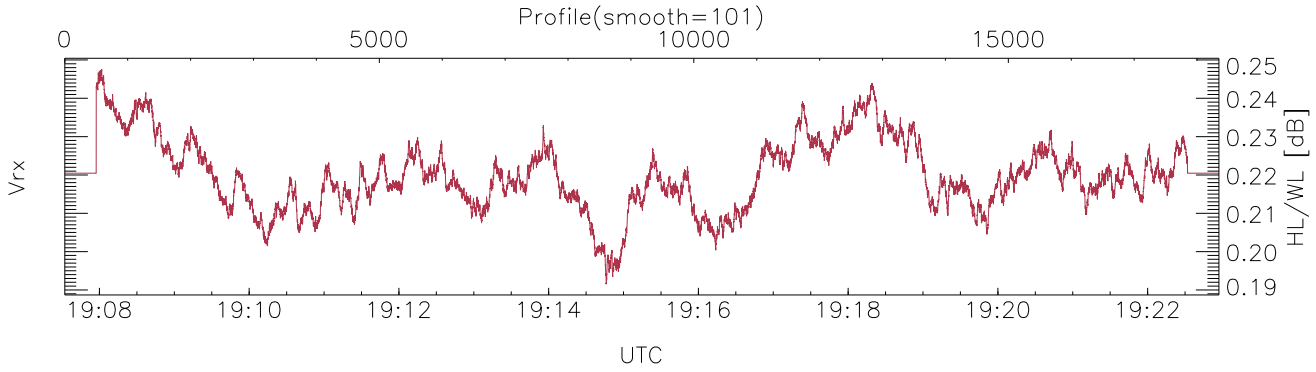
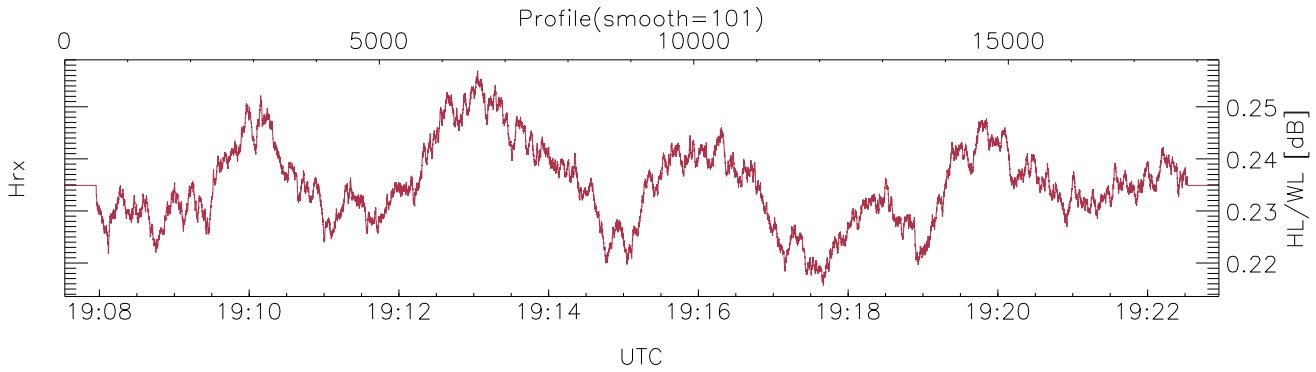


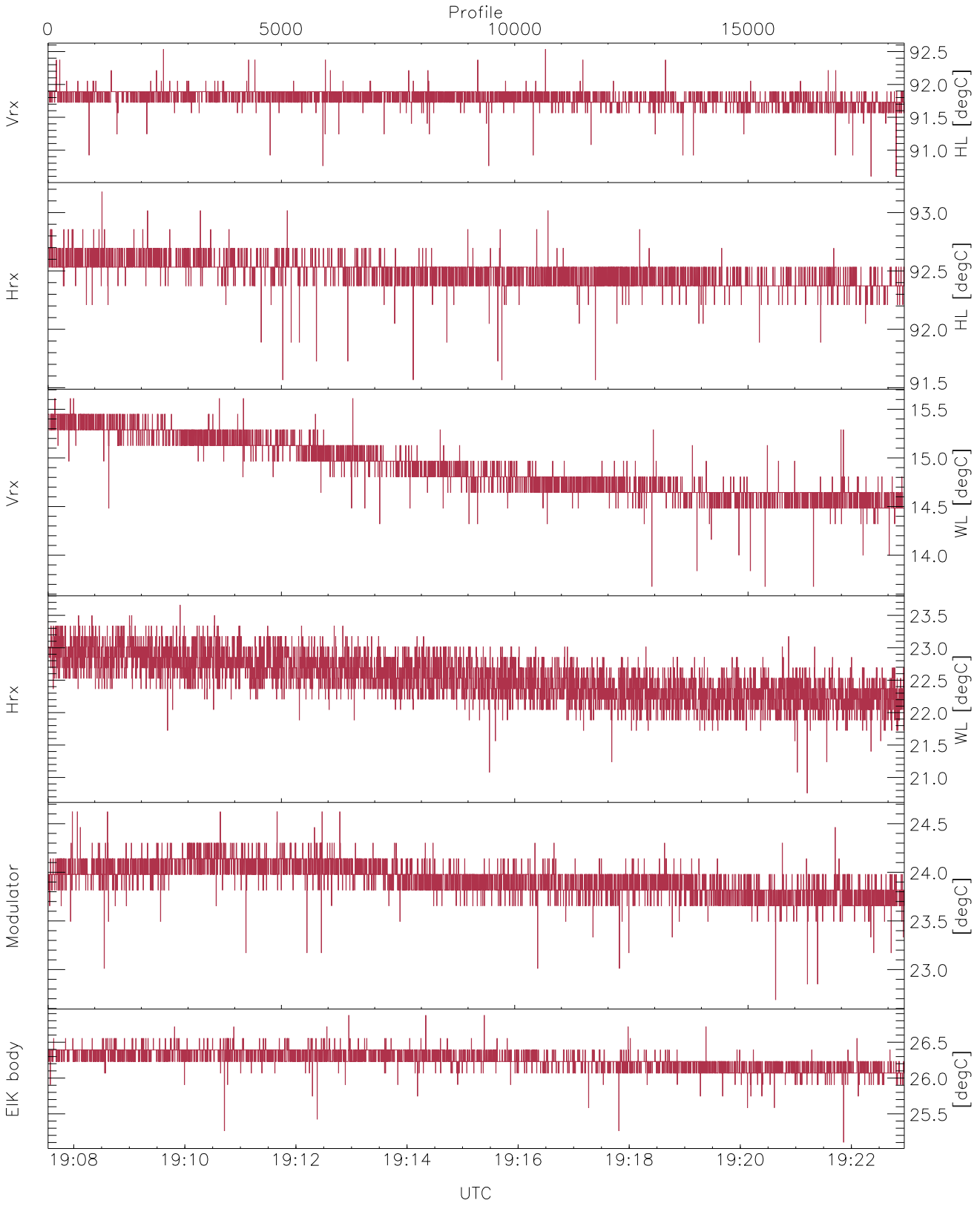






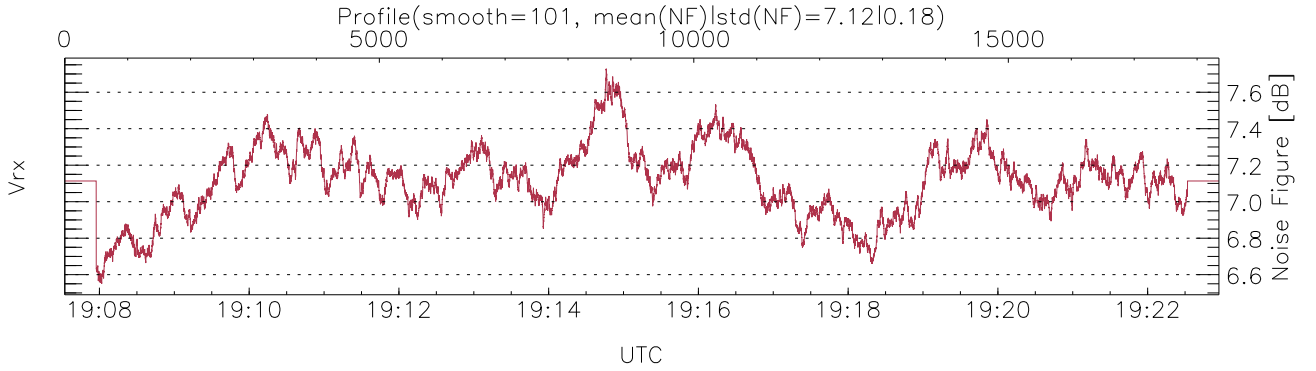
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

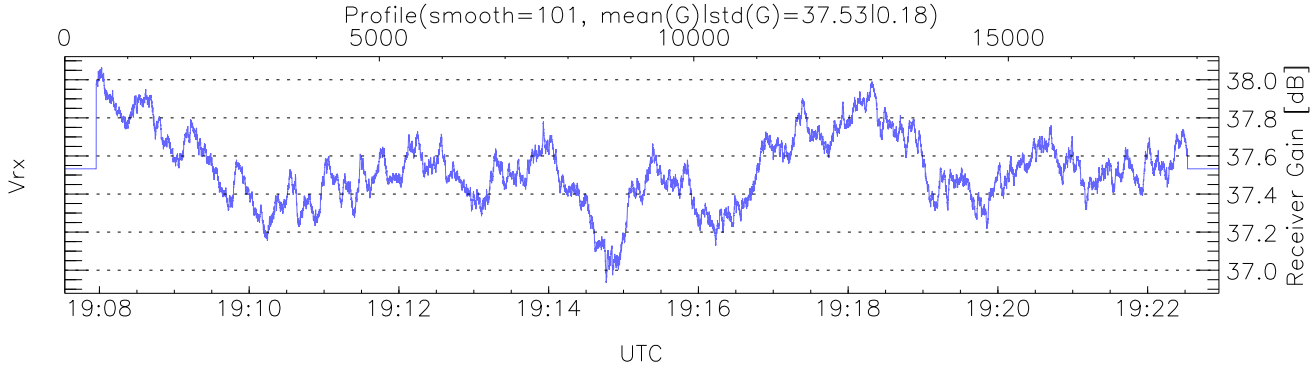
UTC: 19:07:32-19:22:57, Dur: 924.97s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
NumRec(r/t): 18349/18349, 0-18348/19:07:32-19:22:57
AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
PRF: 20.0 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

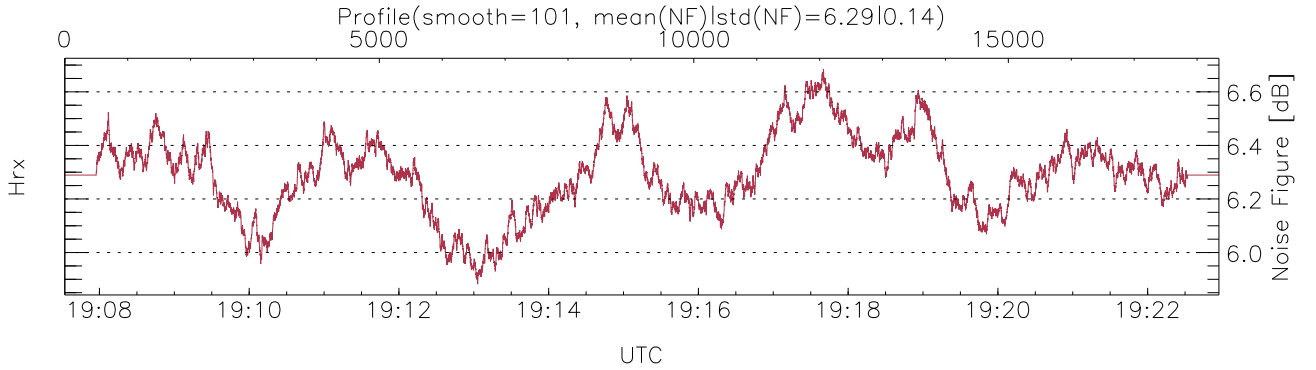


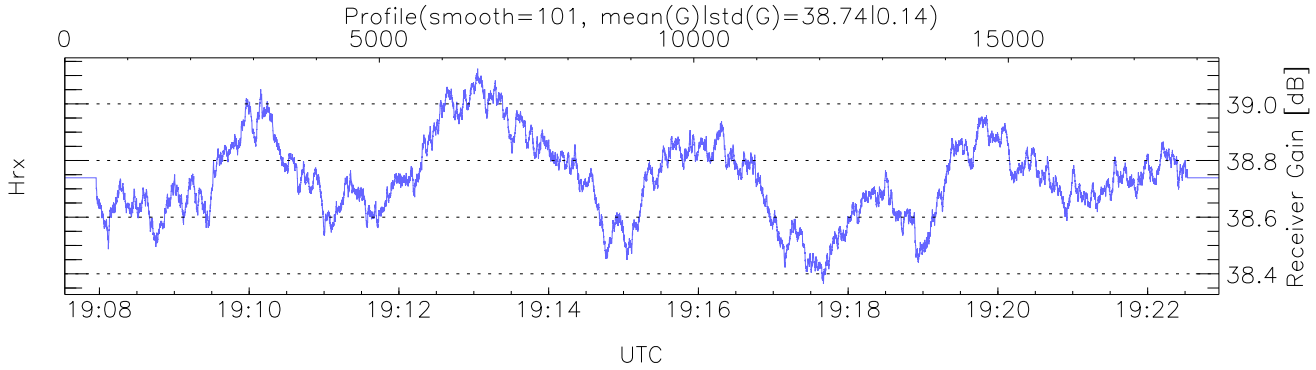
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,13,20,22,25
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 (5,5,5,5,5,5)



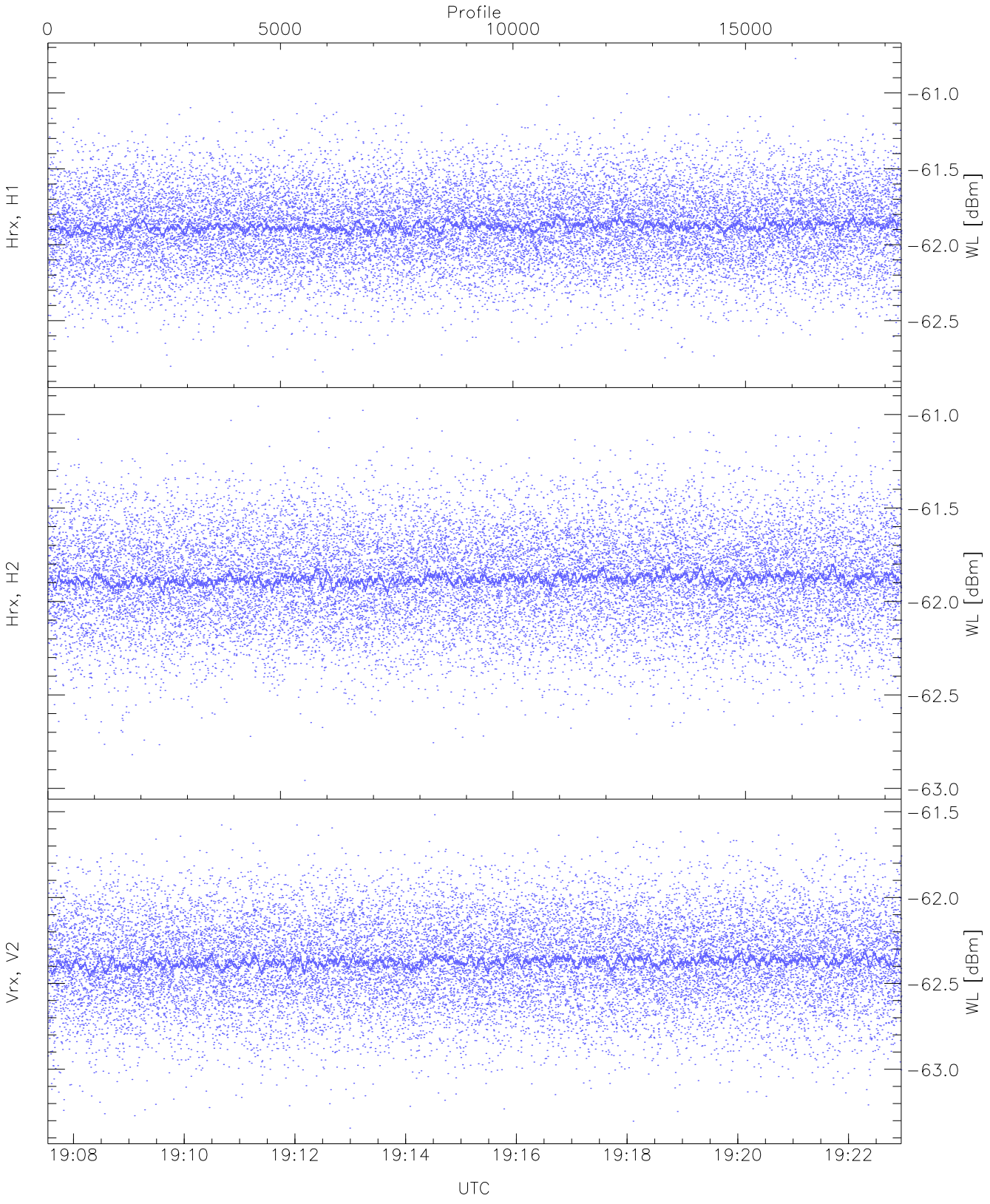






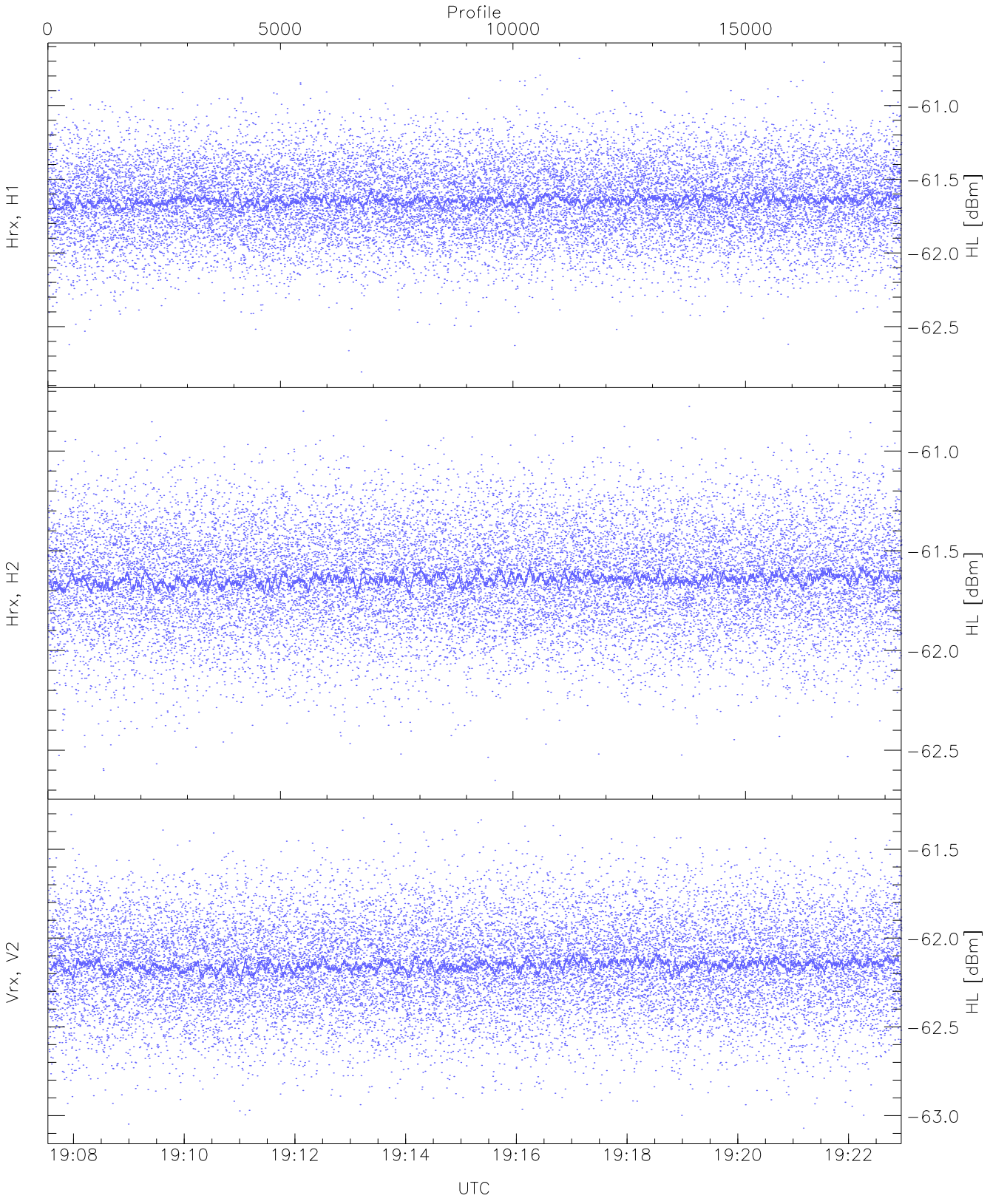
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 18461 pixs, 7 gates, 15852 profs, 1 prods



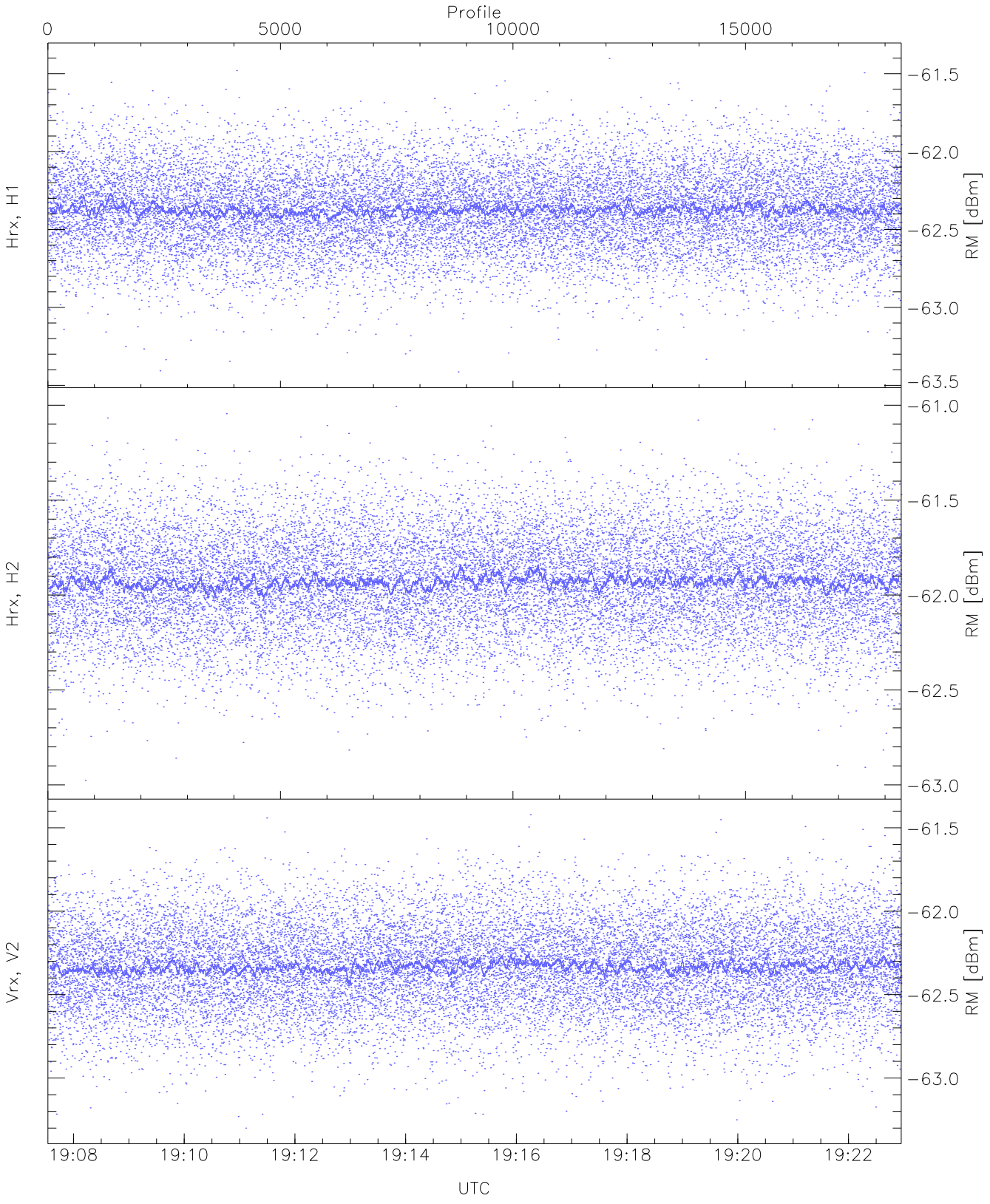
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.84	-60.77	-61.87	-61.88	-74.44
Hrx, H2(WL [dBm])	-62.96	-60.96	-61.87	-61.88	-74.45
Vrx, V2(WL [dBm])	-63.34	-61.52	-62.37	-62.37	-74.92



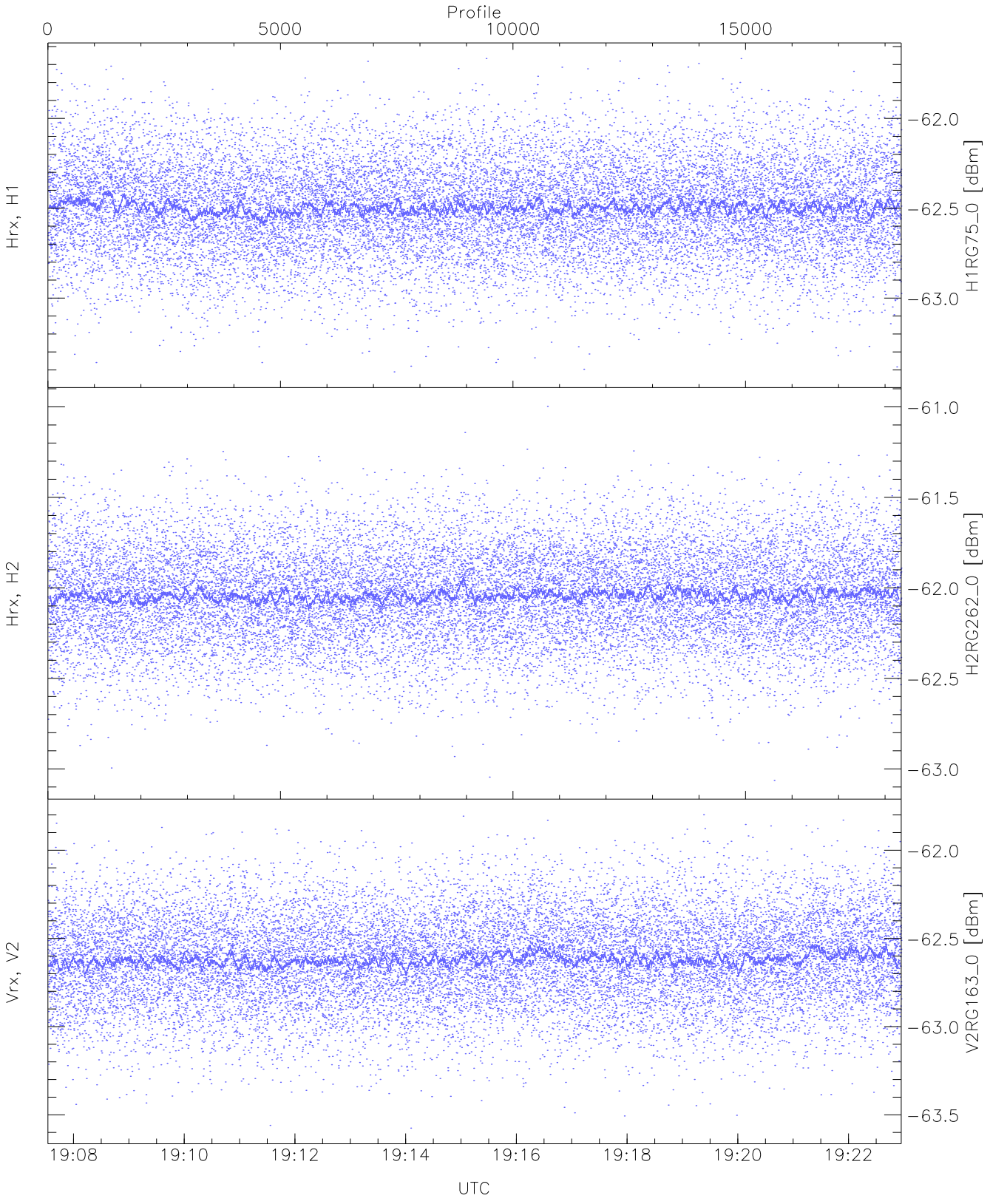
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.81	-60.68	-61.64	-61.65	-74.18
Hrx, H2(HL [dBm])	-62.65	-60.78	-61.64	-61.64	-74.23
Vrx, V2(HL [dBm])	-63.07	-61.31	-62.15	-62.15	-74.72



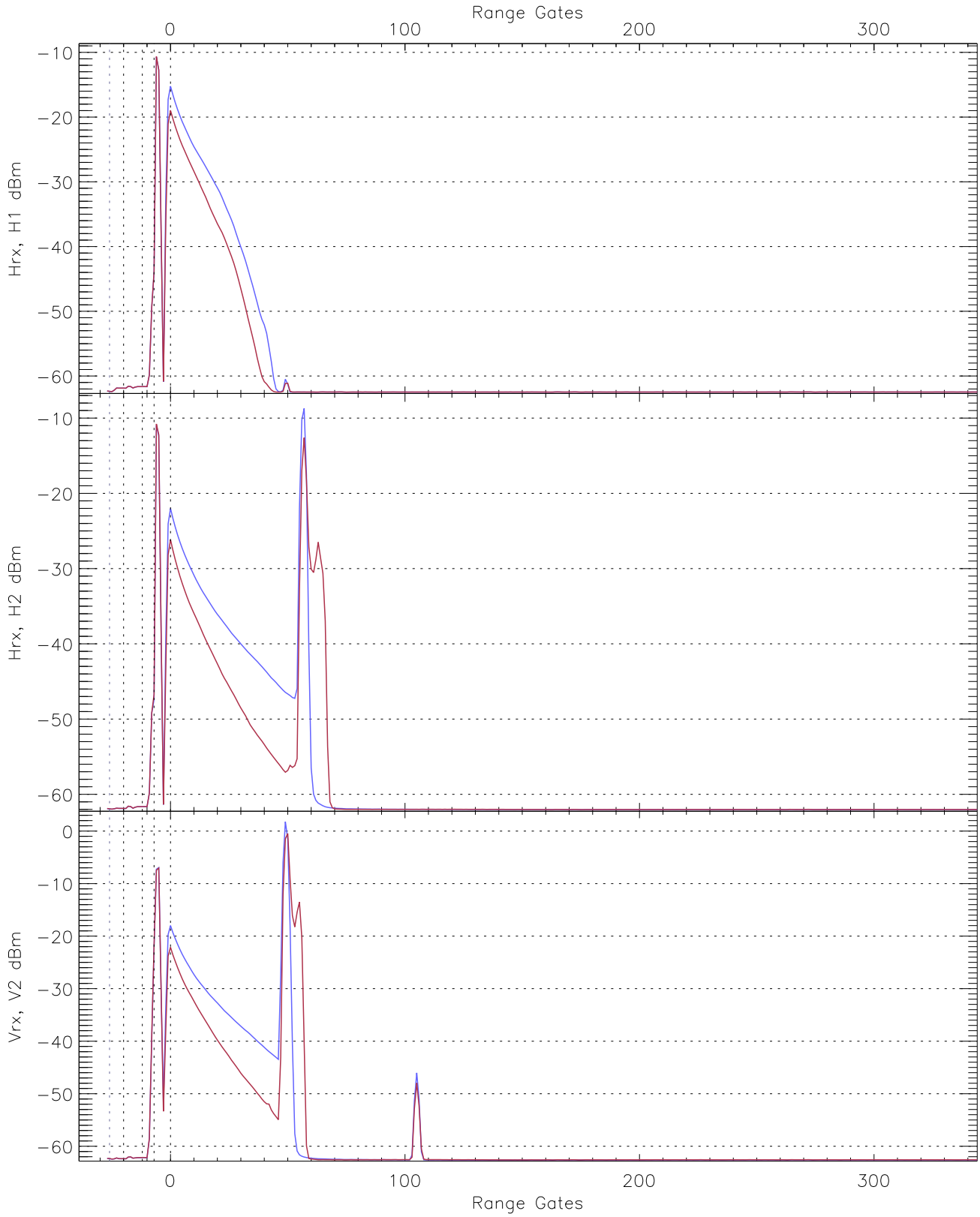
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.41	-61.40	-62.37	-62.37	-74.94
Hrx, H2(RM [dBm])	-62.98	-61.01	-61.93	-61.93	-74.51
Vrx, V2(RM [dBm])	-63.30	-61.42	-62.33	-62.33	-74.88

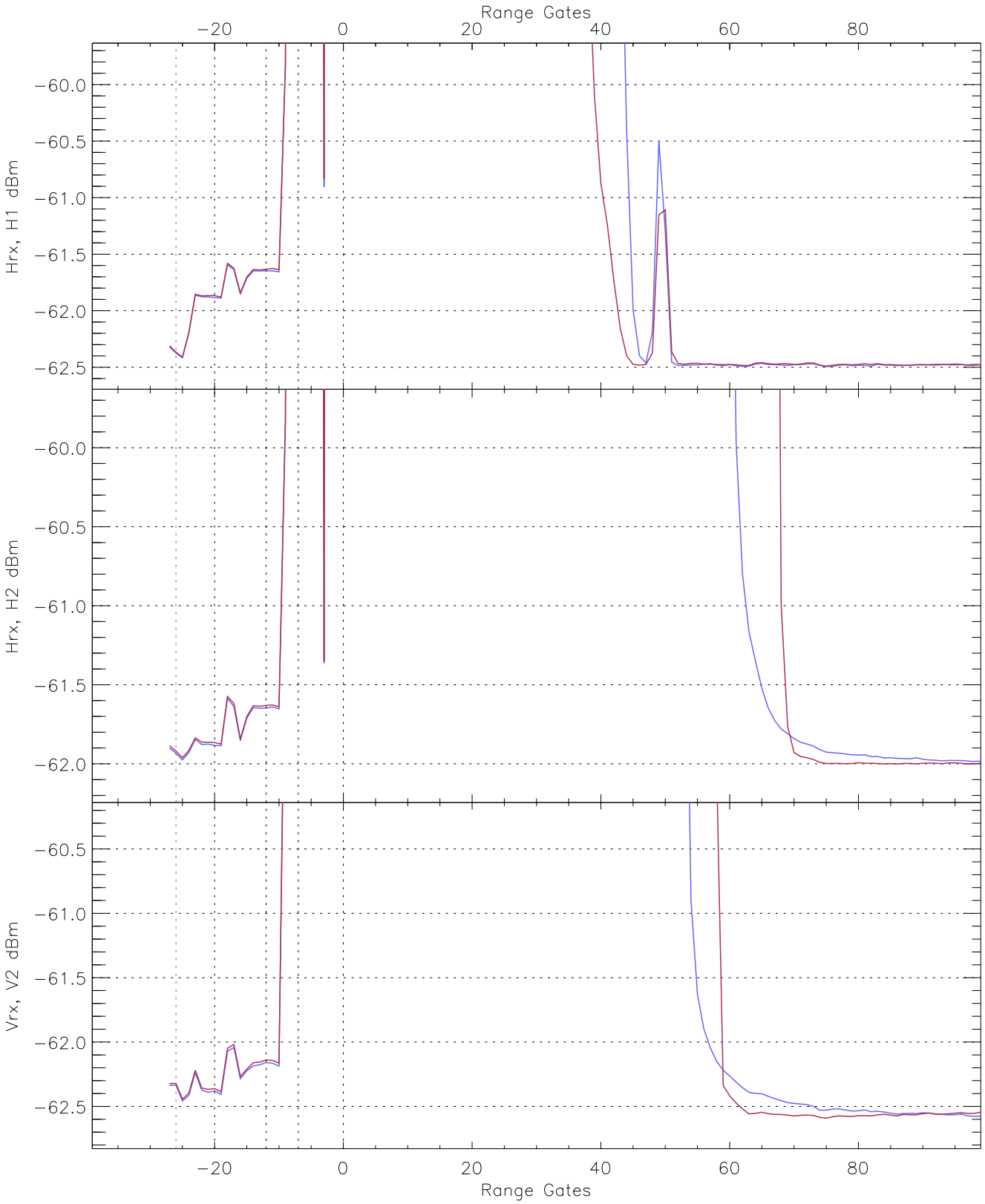


WCR2 CPP "Best" estimate Receivers Noise Power

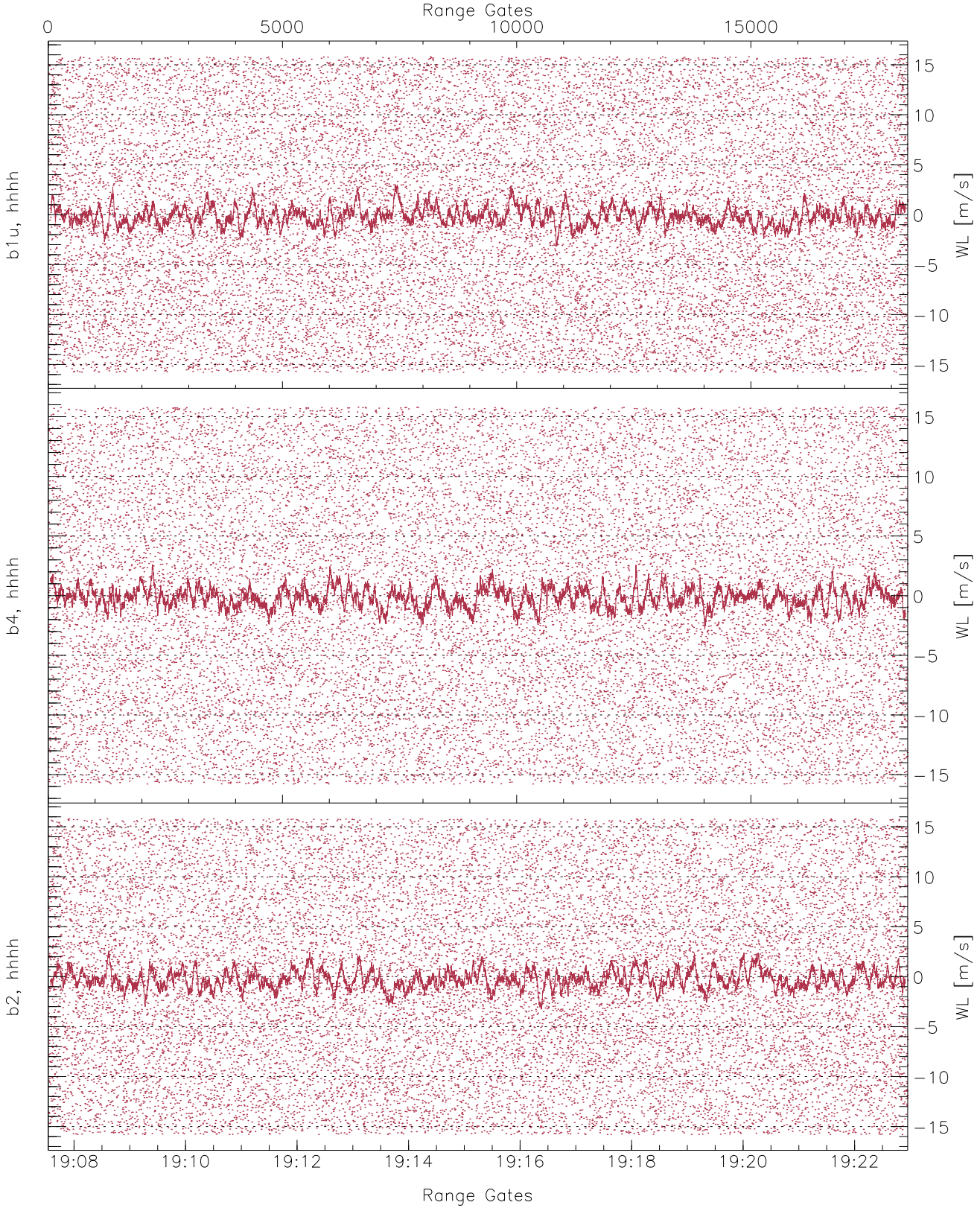
	Min	Max	Mean	Median	StDev
H1RG75_0 [dBm]	-63.41	-61.67	-62.49	-62.50	-75.03
H2RG262_0 [dBm]	-63.06	-61.00	-62.04	-62.04	-74.57
V2RG163_0 [dBm]	-63.58	-61.80	-62.62	-62.62	-75.19



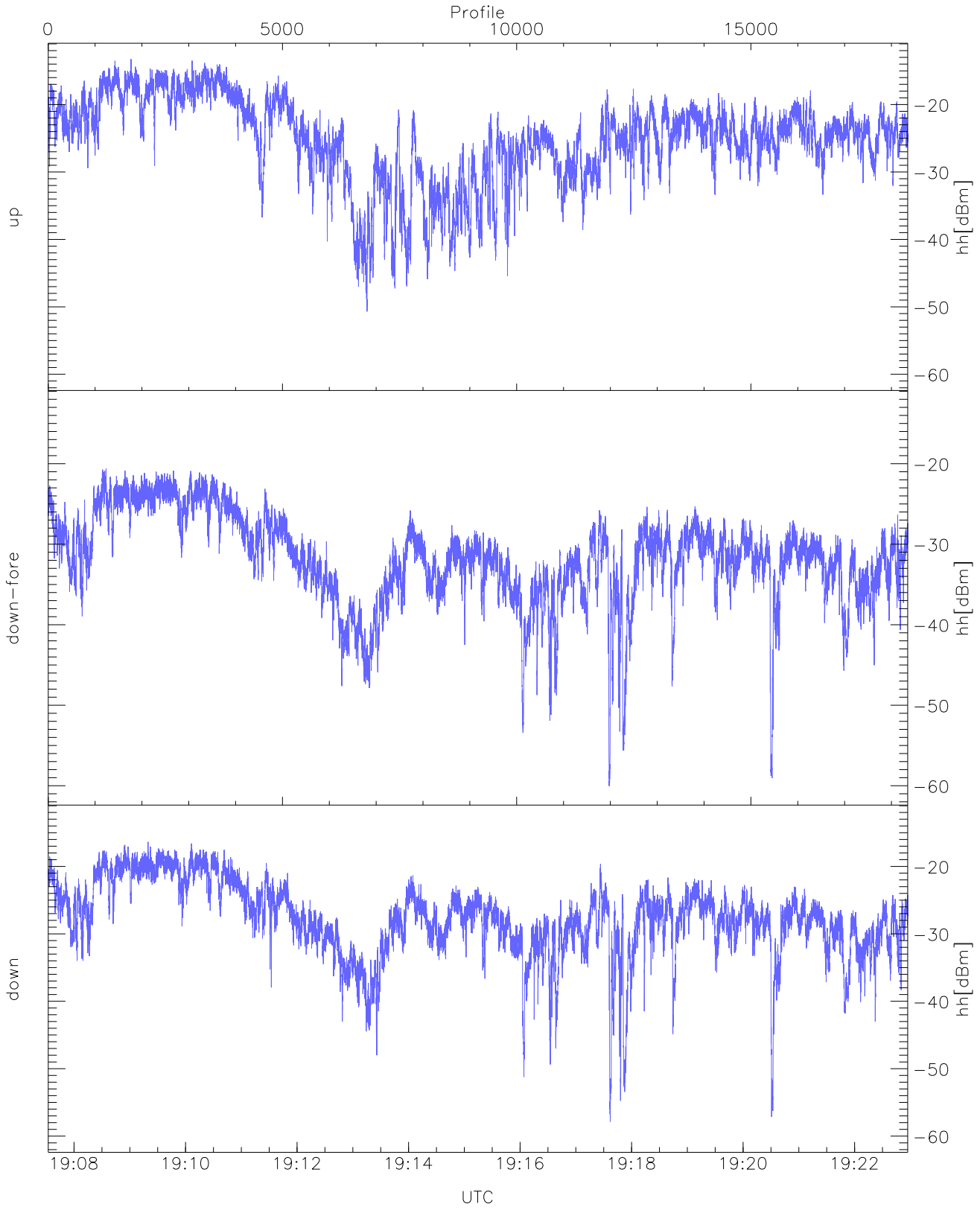
WCR2 CPP Averaged Received power for all recorded gates
blue: 190732-191515, 9175 profiles averaged
red: 191515-192257, 9175 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 190732-191515, 9175 profiles averaged
red: 191515-192257, 9175 profiles averaged

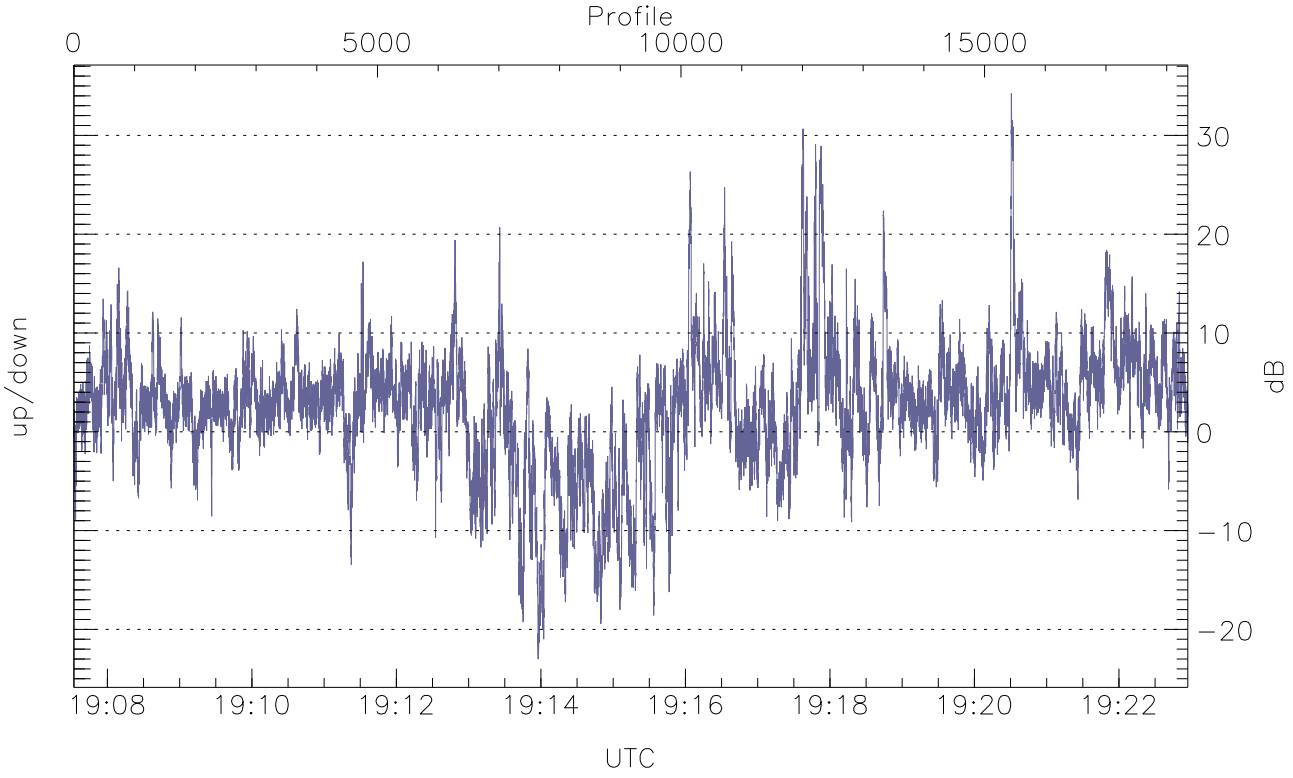


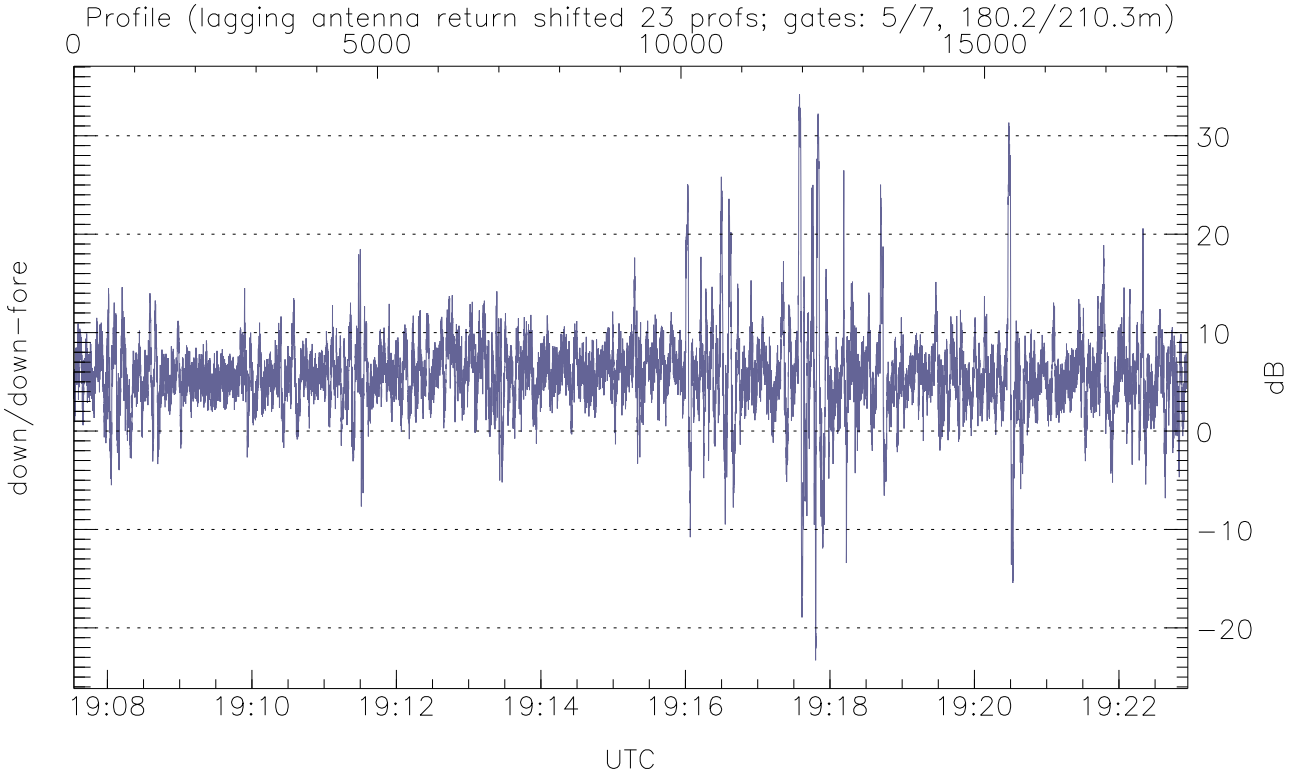
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

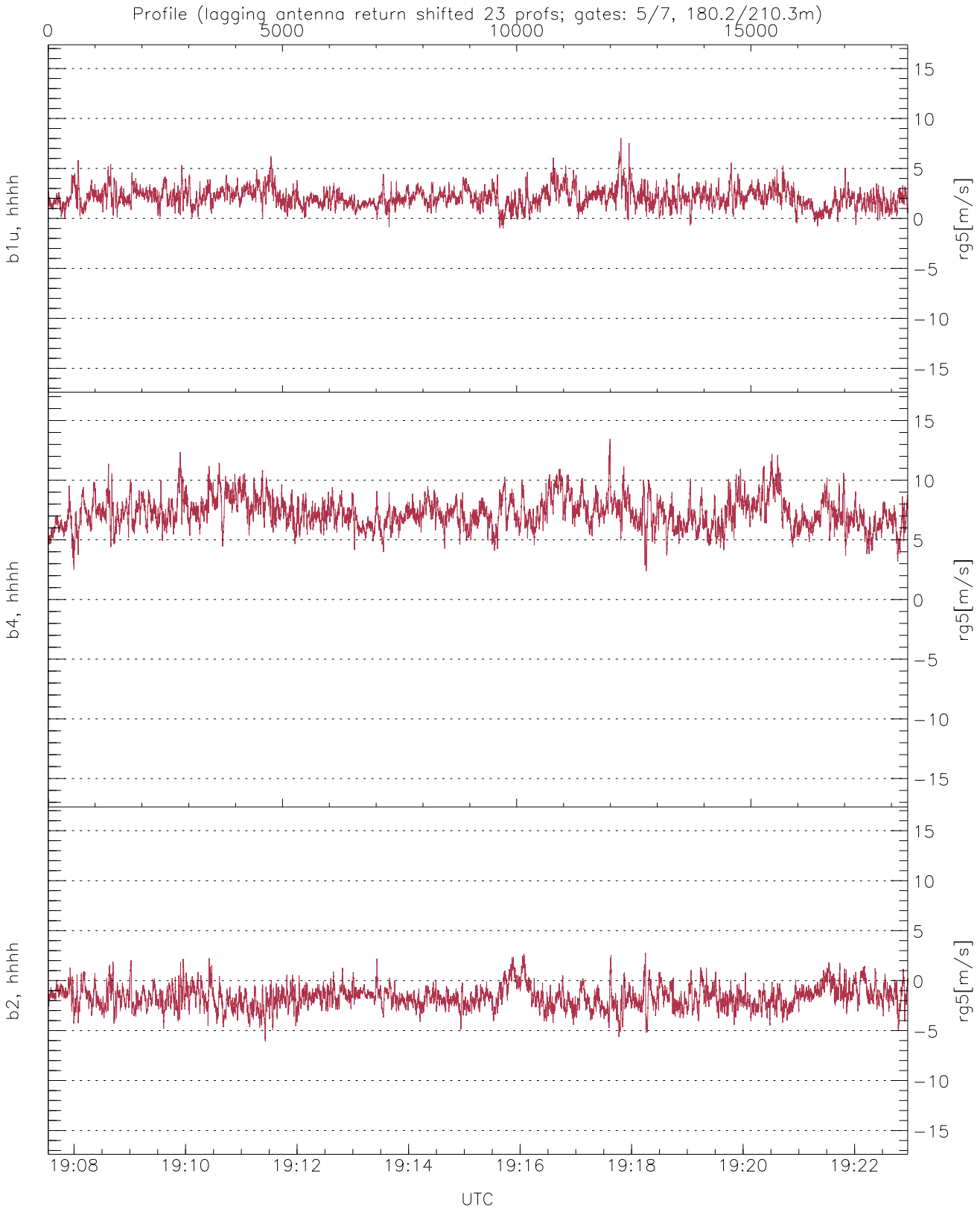
	Min	Max	Mean
up(hh[dBm])	-50.70	-13.24	-22.15
down-fore(hh[dBm])	-60.06	-20.61	-29.03
down(hh[dBm])	-57.86	-16.35	-25.18





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

	Min	Max	Mean
up/down(dB)	-23.01	34.26	2.52
down/down-fore(dB)	-23.29	34.19	5.68



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-0.99	8.05	2.10	0.96
b4, hhhh(rg5[m/s])	2.37	13.46	7.28	1.31
b2, hhhh(rg5[m/s])	-6.08	2.78	-1.65	1.13