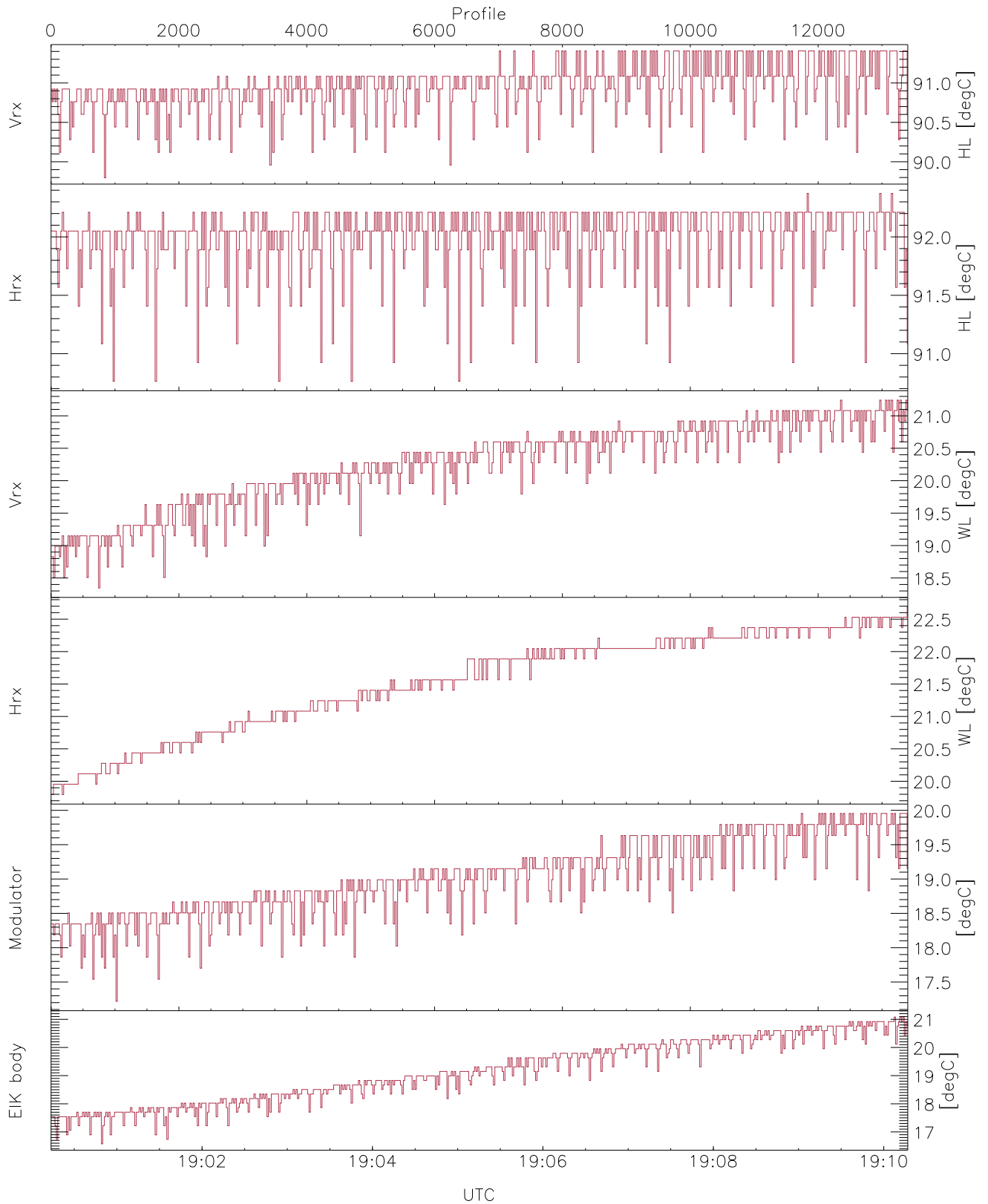


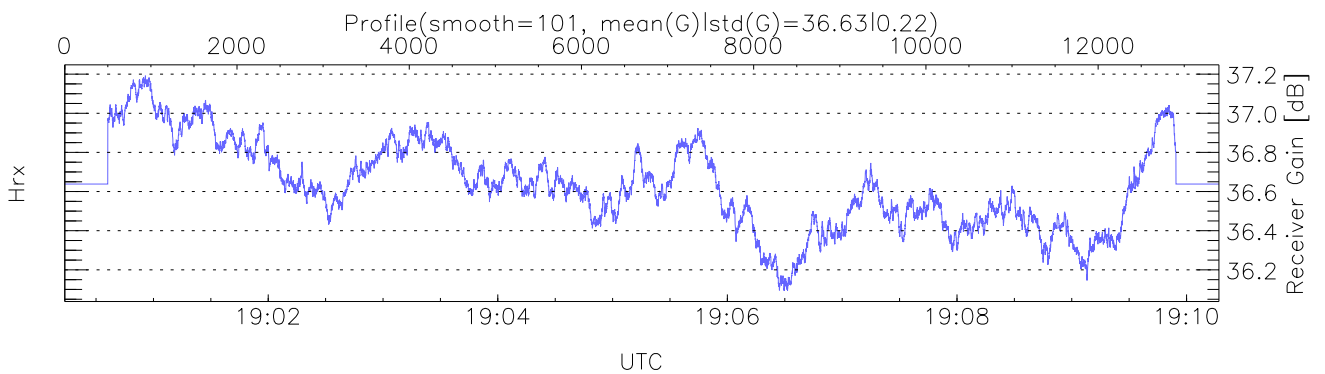
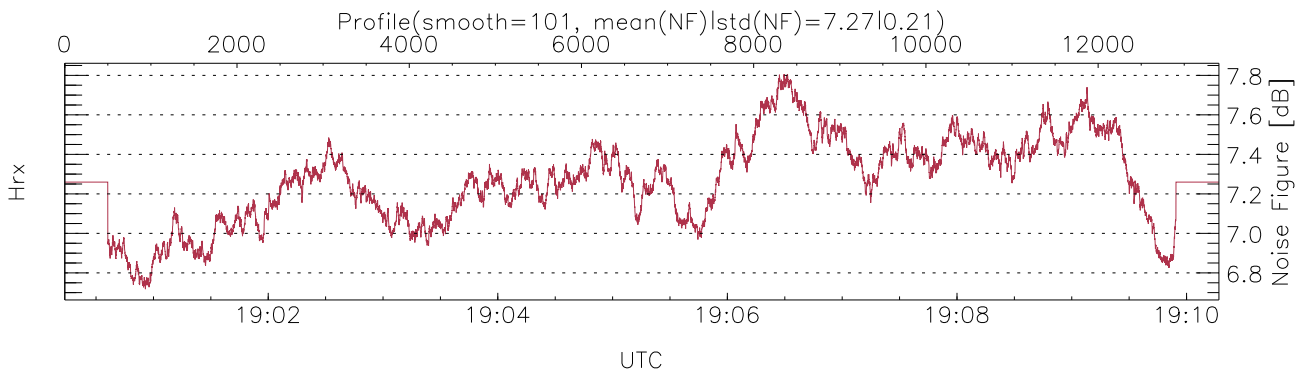
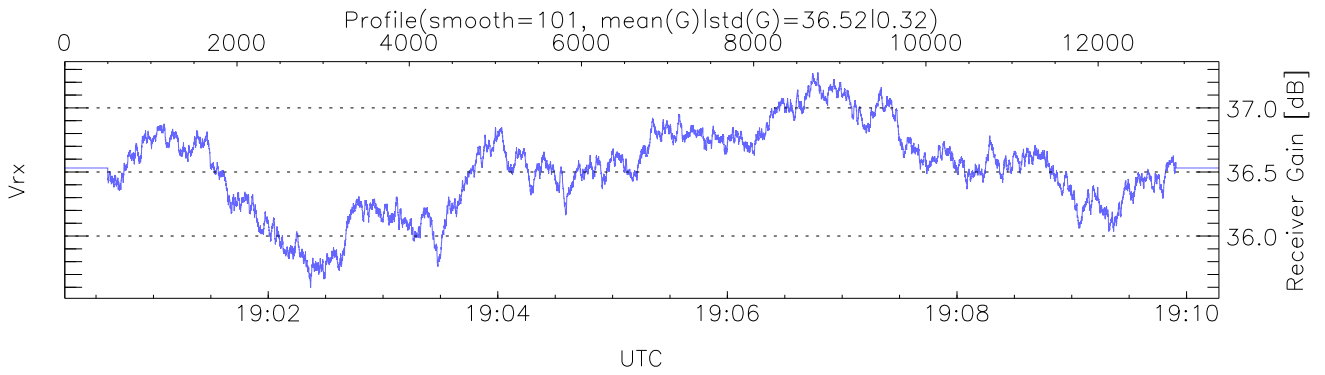
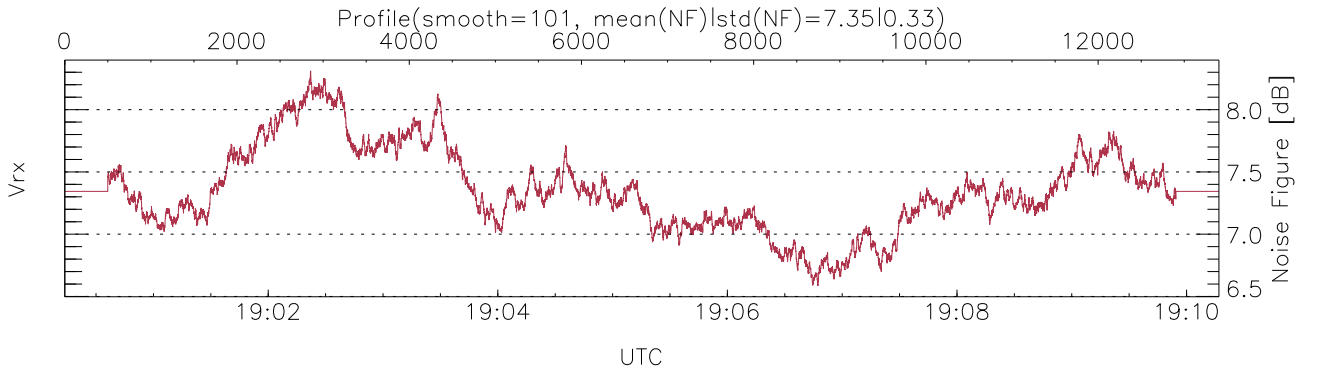
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 19:00:14-19:10:17, TimeCor: 0.00s, Dur: 603.29s
 TimeFlg: 1, TFPstatus constant.
 TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
 NumRec(r/t): 13404/13404, 0-13403/19:00:14-19:10:17
 AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H1 V2 V2 V2 H2 H2 H2
 PRF: 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us
 Range(min,max,rqs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



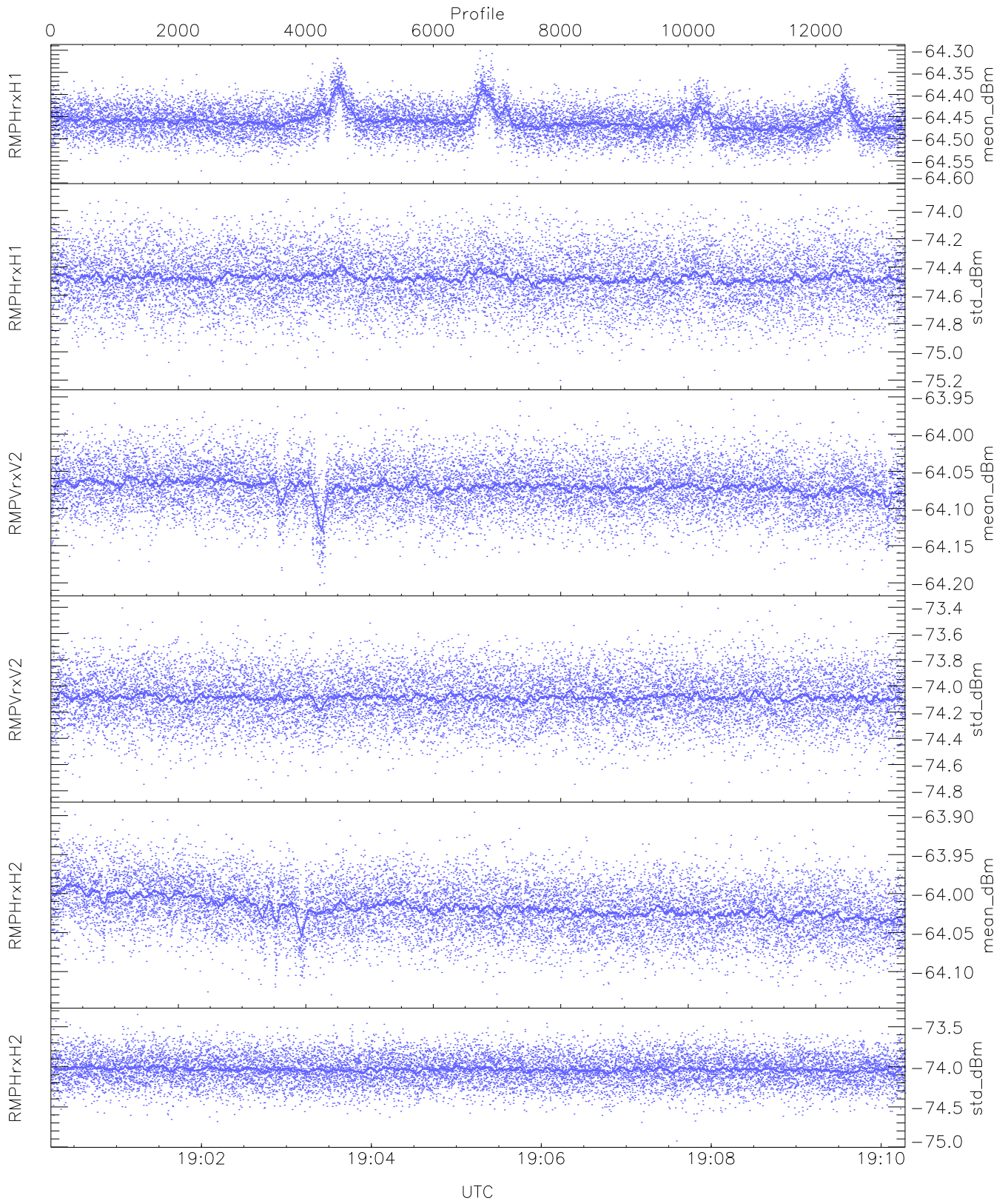
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 89,90,18,19,17,16
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,21,22,19,21
 LOalarm(20,240,2817,14861 MHz): 0,0,46,0
 EIK Faults(# prof affected):
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (24,24,24,24,24,24)



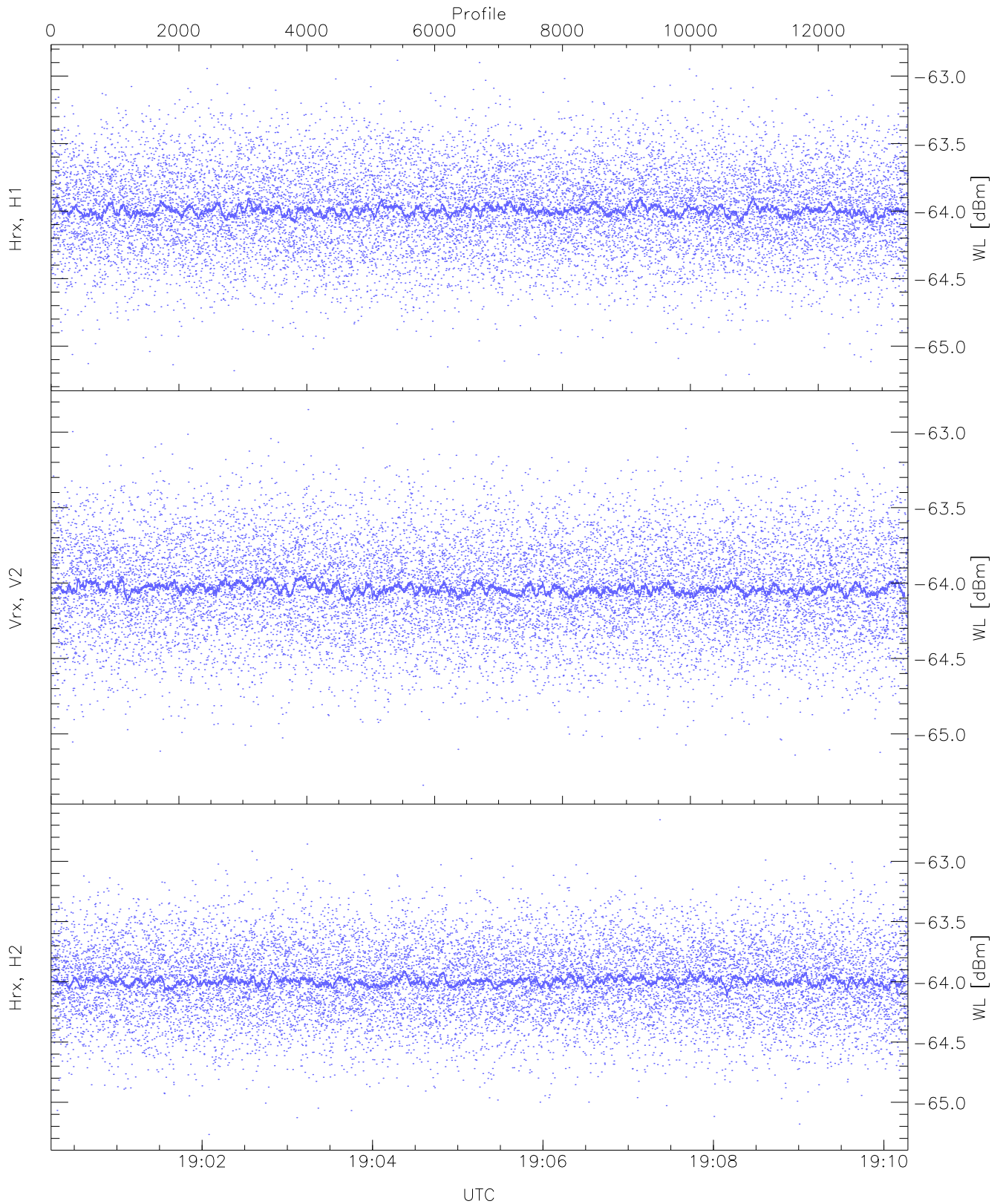
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 158 pixs, 5 gates, 147 profs, 1 prod(s)



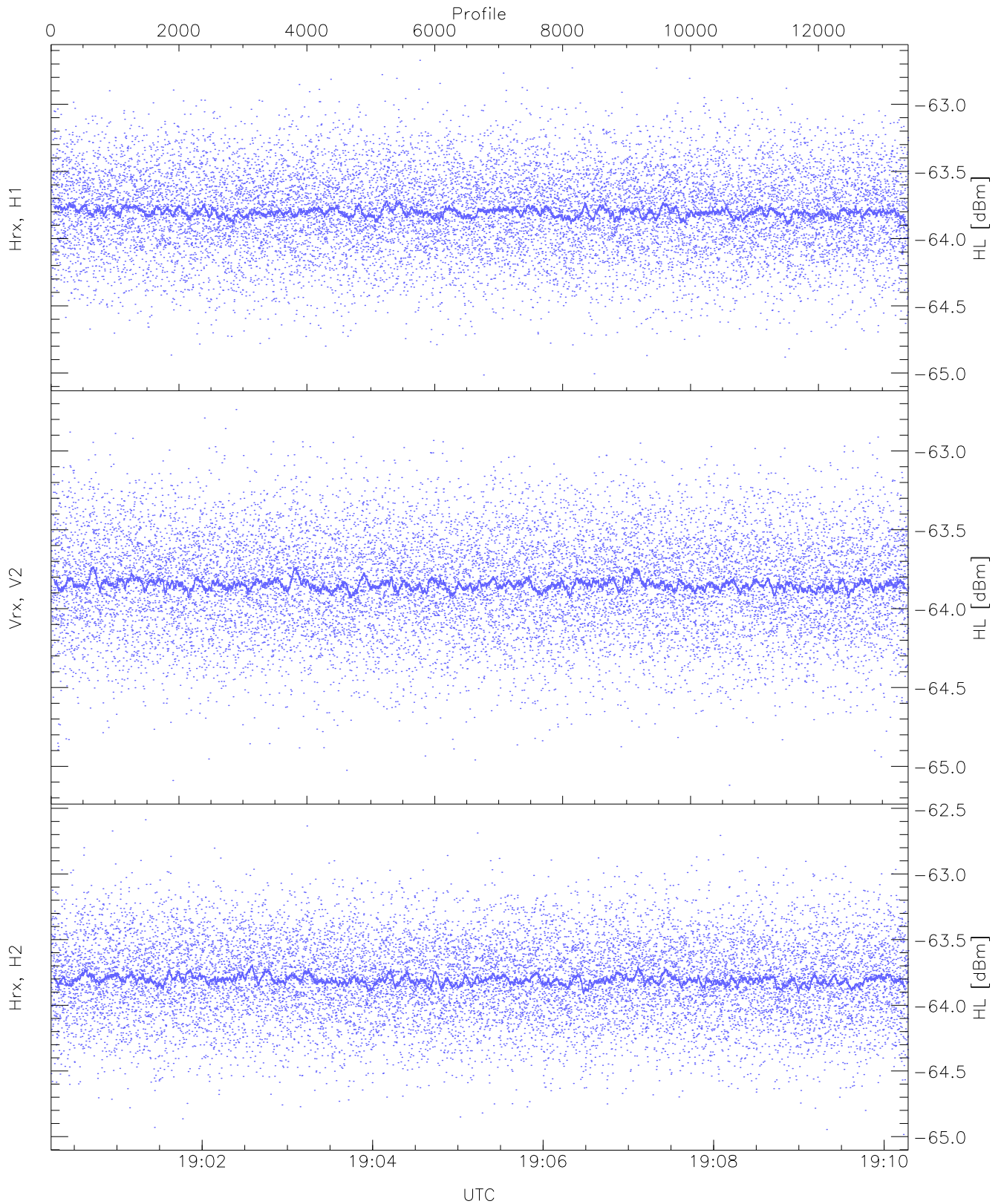
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-64.59	-64.30	-64.46	-64.46	-85.43
RMPHrxH1(std_dBm)	-75.20	-73.88	-74.47	-74.48	-88.25
RMPVrxV2(mean_dBm)	-64.20	-63.95	-64.07	-64.07	-85.53
RMPVrxV2(std_dBm)	-74.81	-73.38	-74.09	-74.09	-87.87
RMPHrxH2(mean_dBm)	-64.13	-63.89	-64.02	-64.02	-85.33
RMPHrxH2(std_dBm)	-74.93	-73.35	-74.03	-74.03	-87.82



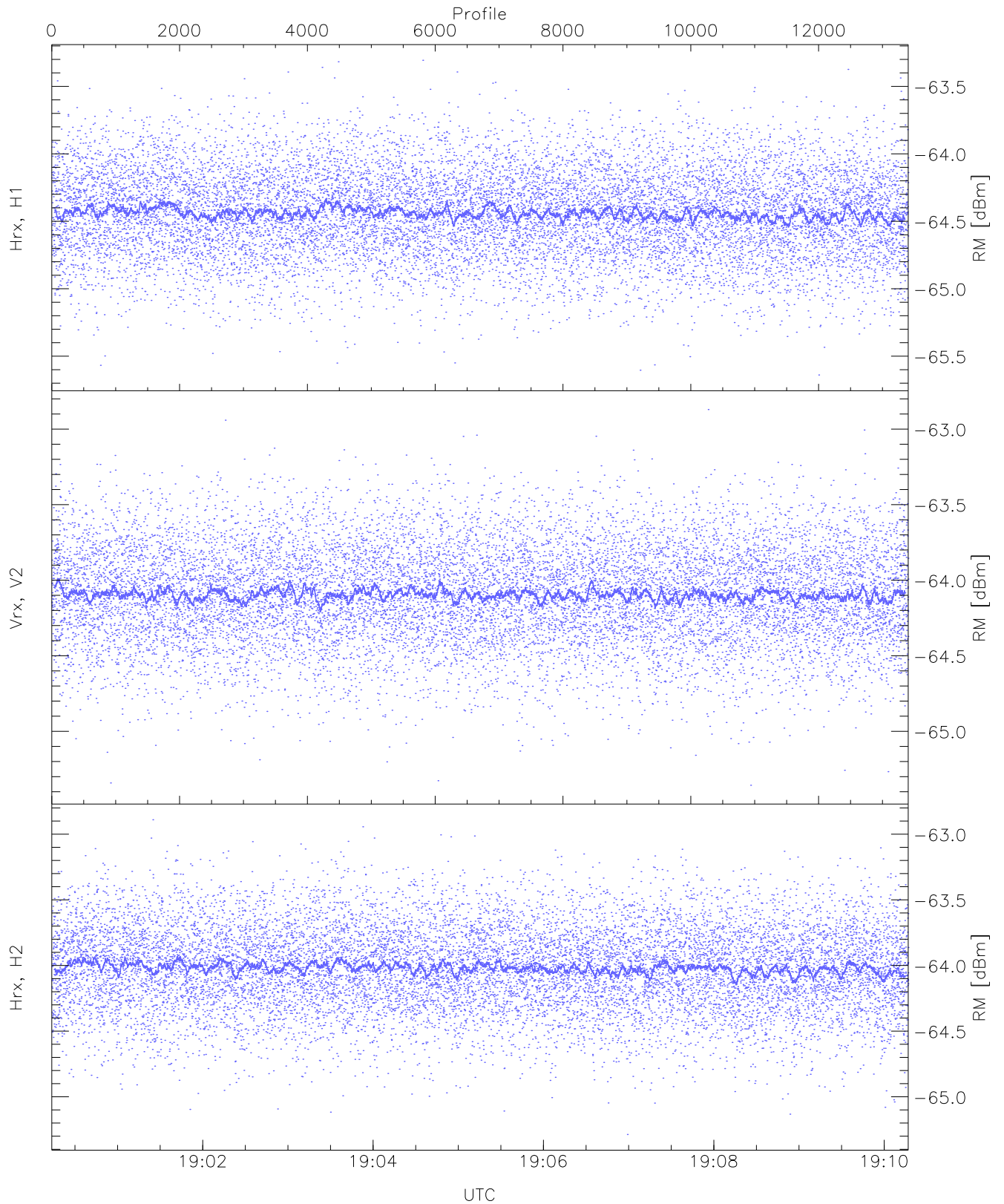
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.21	-62.88	-63.99	-63.99	-75.50
Vrx, V2 (WL [dBm])	-65.34	-62.85	-64.03	-64.04	-75.54
Hrx, H2 (WL [dBm])	-65.27	-62.65	-63.99	-63.99	-75.51



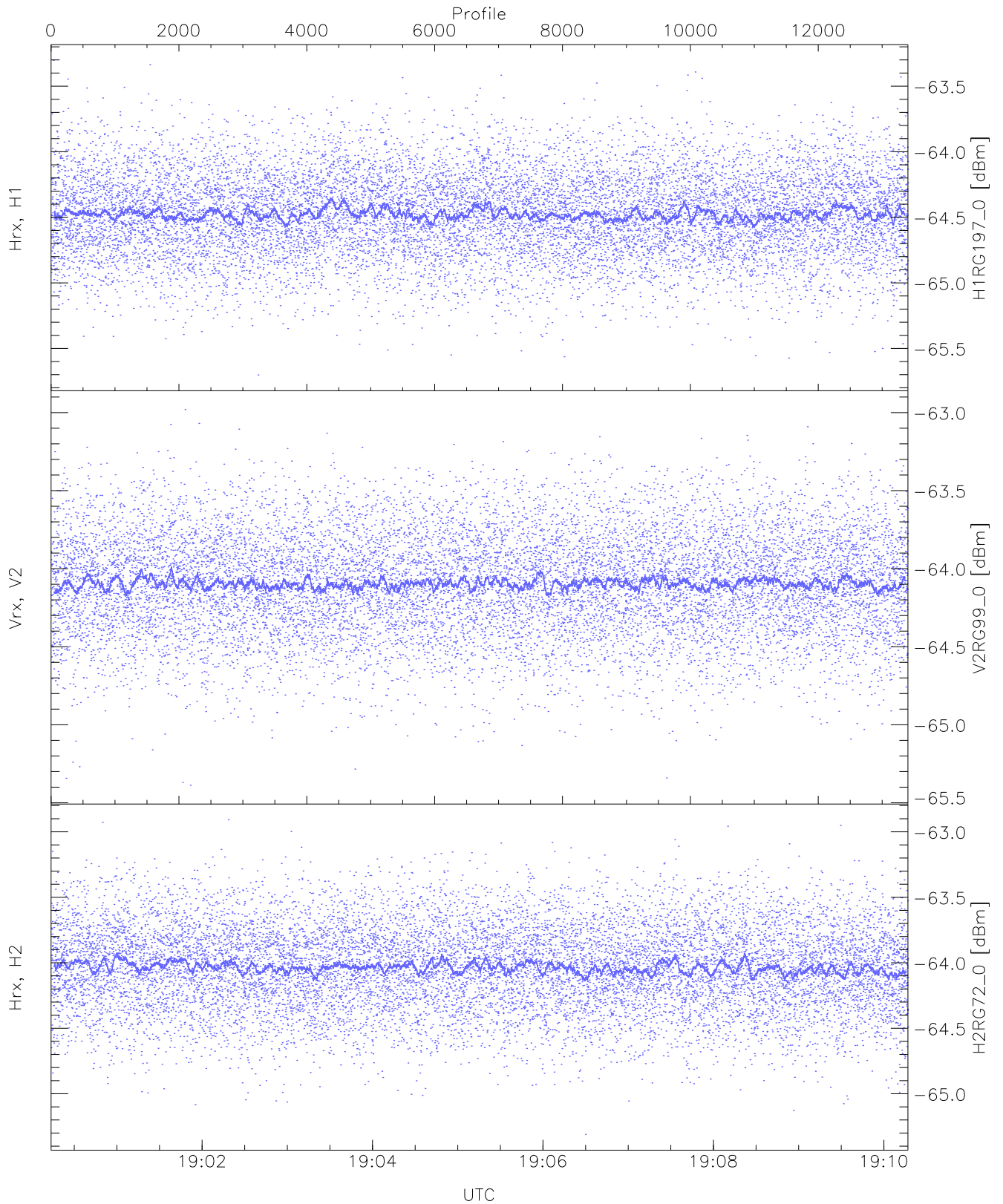
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.01	-62.67	-63.80	-63.80	-75.30
Vrx, V2 (HL [dBm])	-65.12	-62.74	-63.84	-63.85	-75.36
Hrx, H2 (HL [dBm])	-64.98	-62.59	-63.80	-63.81	-75.31



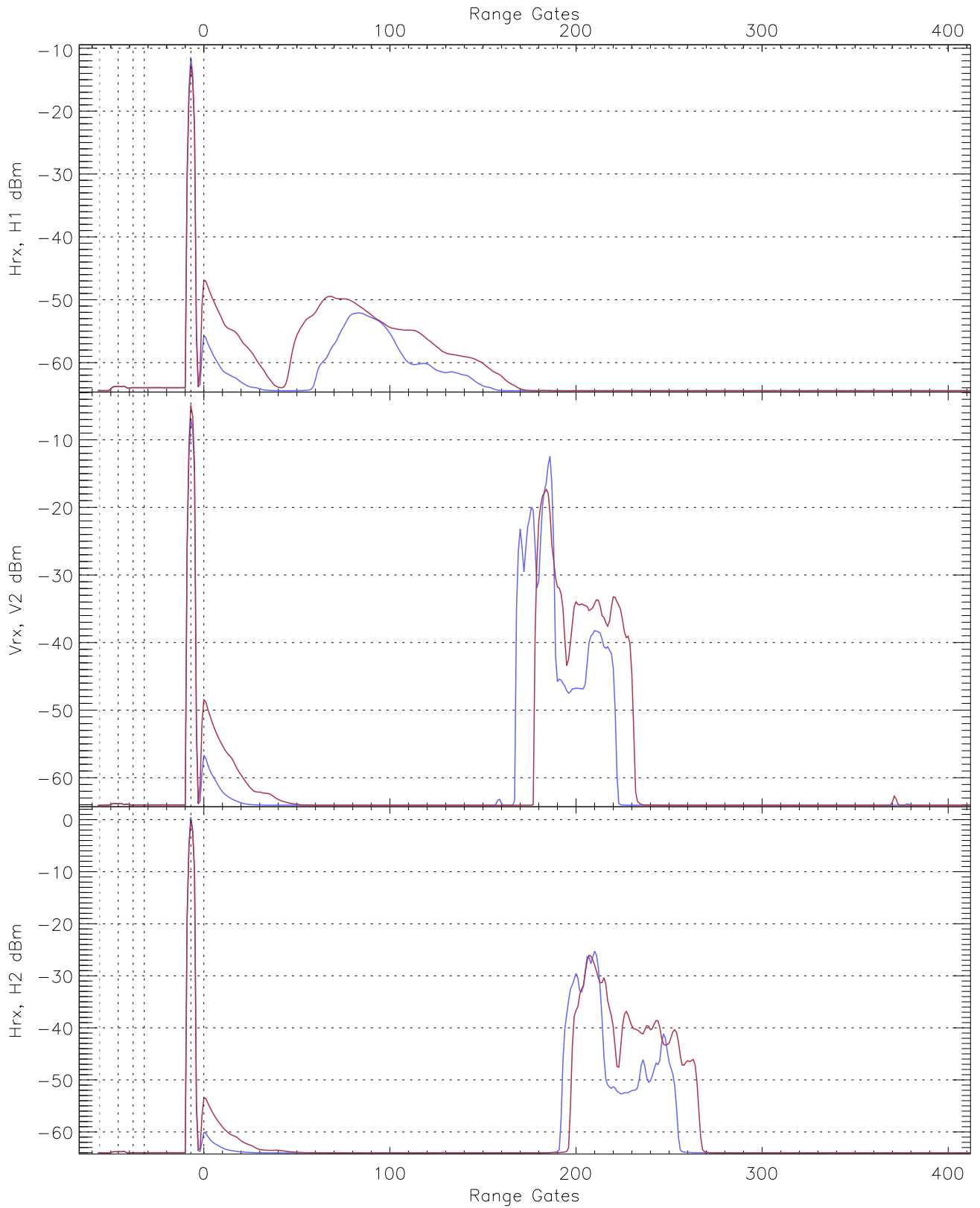
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-65.64	-63.31	-64.43	-64.44	-75.92
Vrx, V2(RM [dBm])	-65.36	-62.87	-64.09	-64.10	-75.58
Hrx, H2(RM [dBm])	-65.29	-62.89	-64.01	-64.02	-75.54

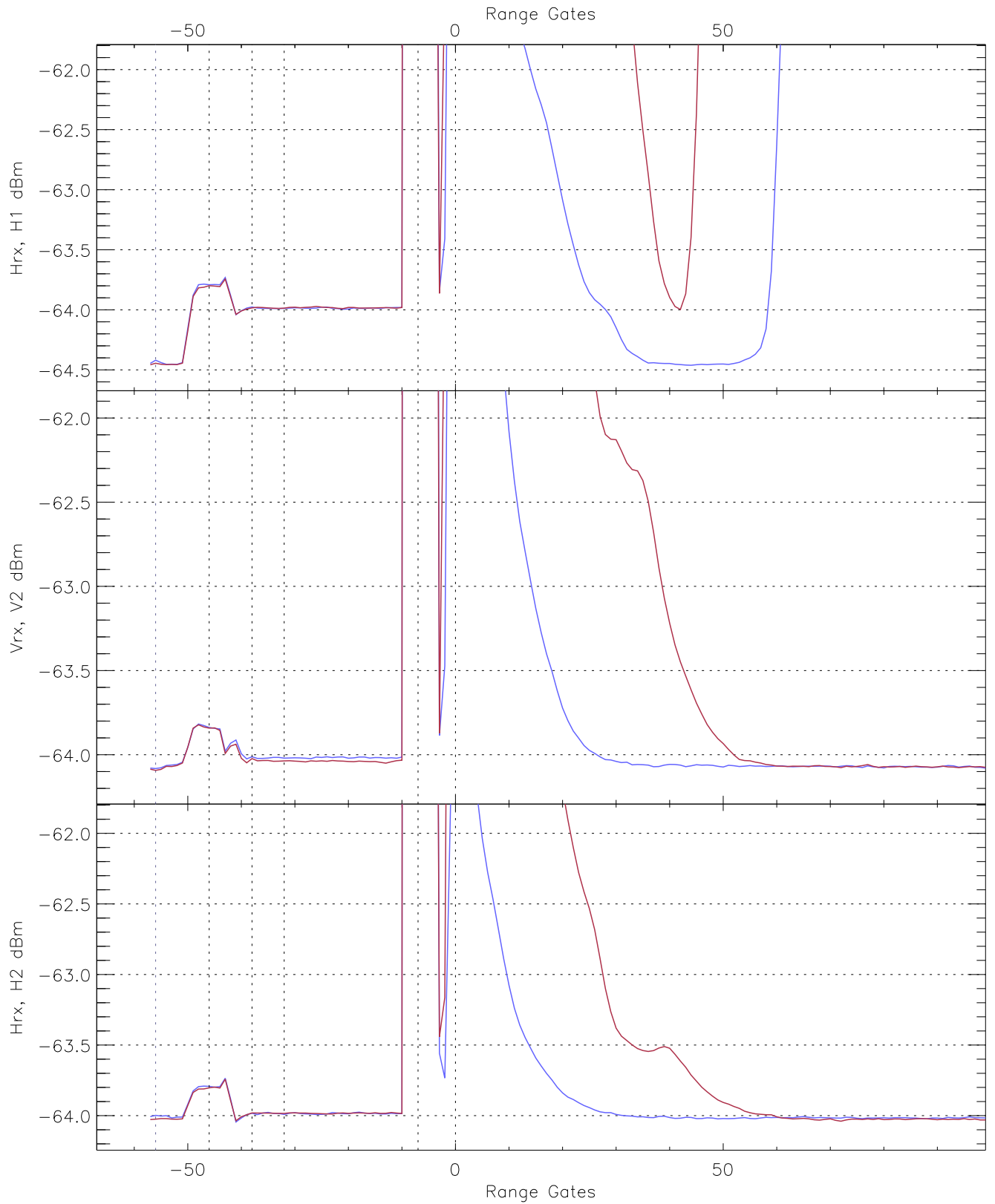


WCR3 CPP "Best" estimate Receivers Noise Power

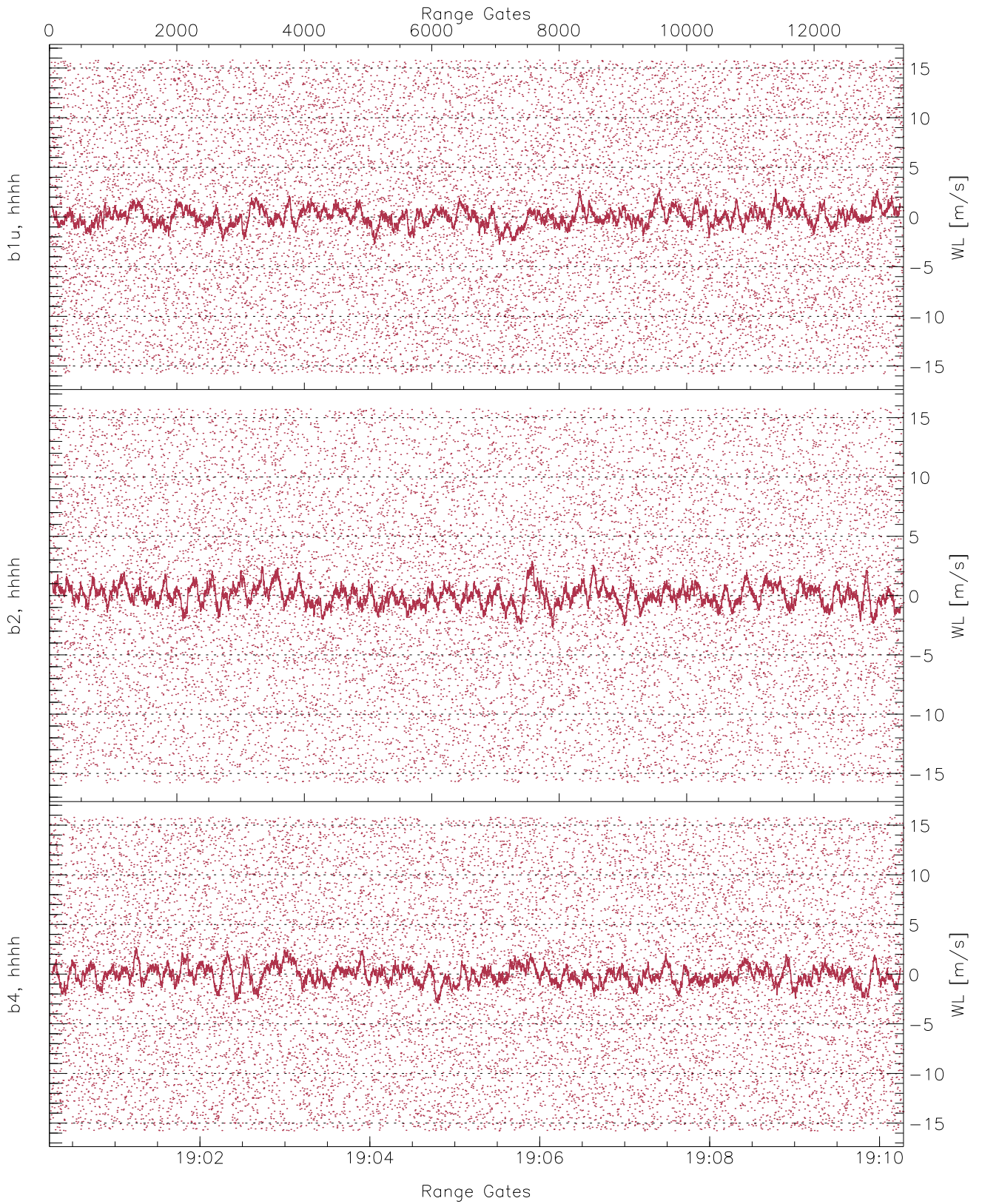
	Min	Max	Mean	Median	StDev
H1RG197_0 [dBm]	-65.70	-63.30	-64.47	-64.48	-76.00
V2RG99_0 [dBm]	-65.39	-62.98	-64.09	-64.09	-75.55
H2RG72_0 [dBm]	-65.31	-62.91	-64.03	-64.03	-75.51



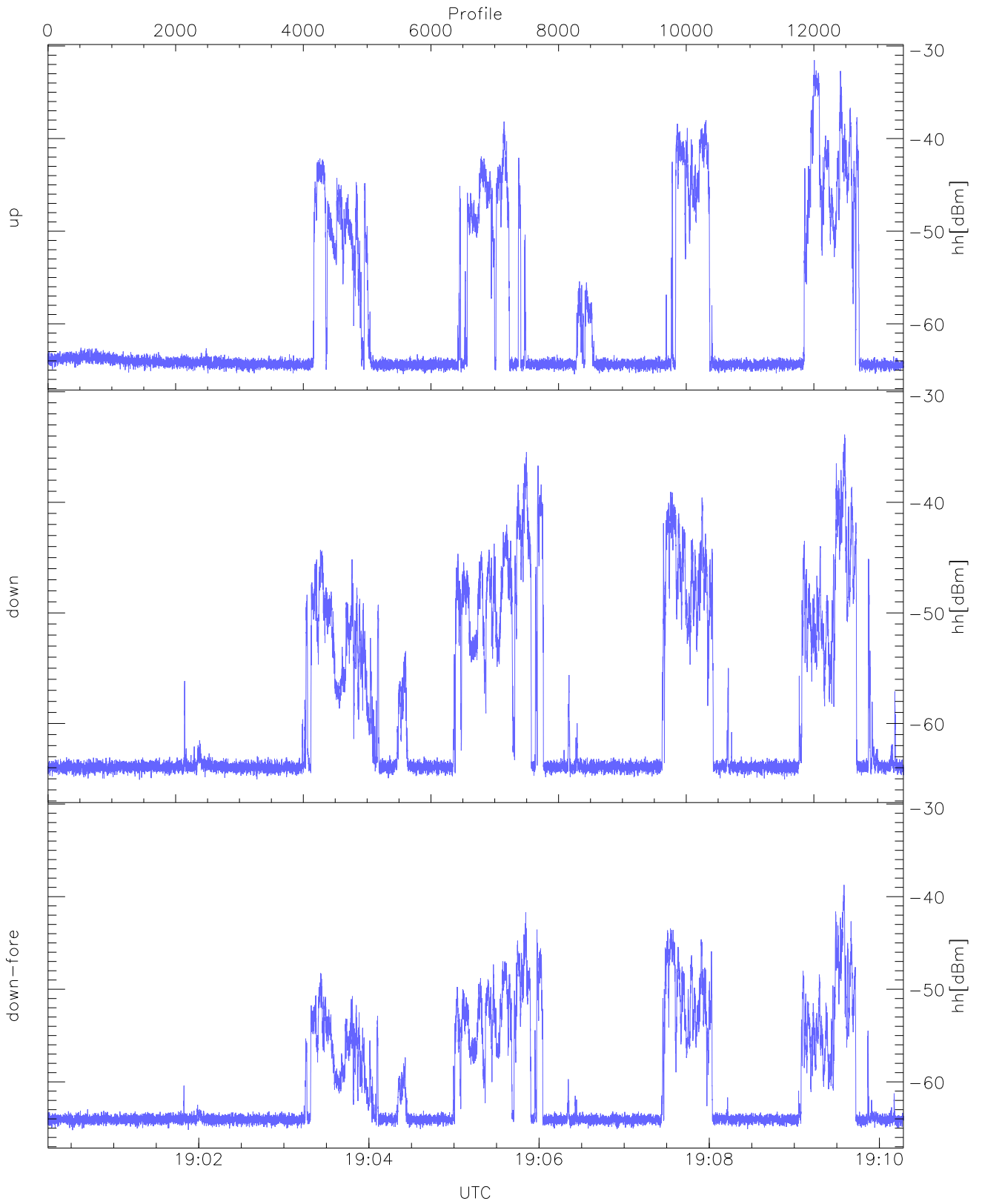
WCR3 CPP Averaged Received power for all recorded gates
blue: 190014-190515, 6703 profiles averaged
red: 190515-191017, 6702 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 190014-190515, 6703 profiles averaged
red: 190515-191017, 6702 profiles averaged

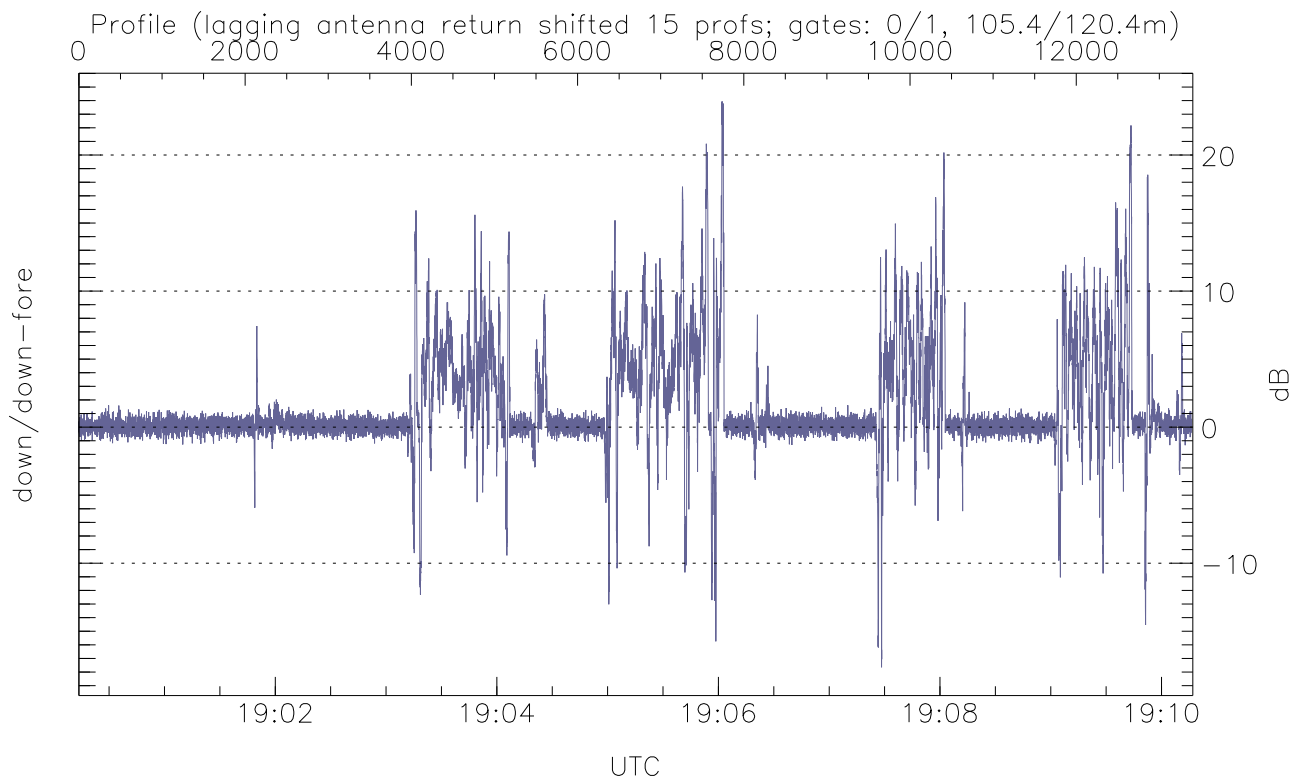
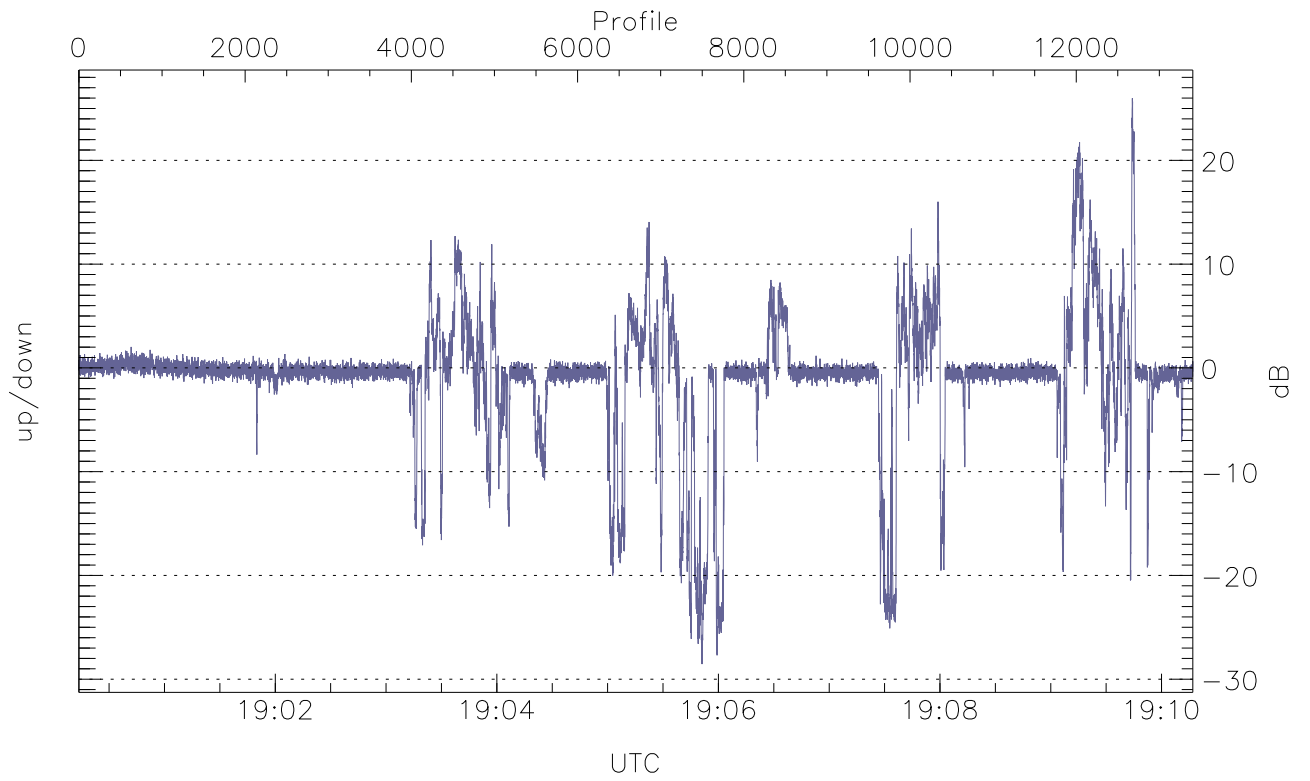


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



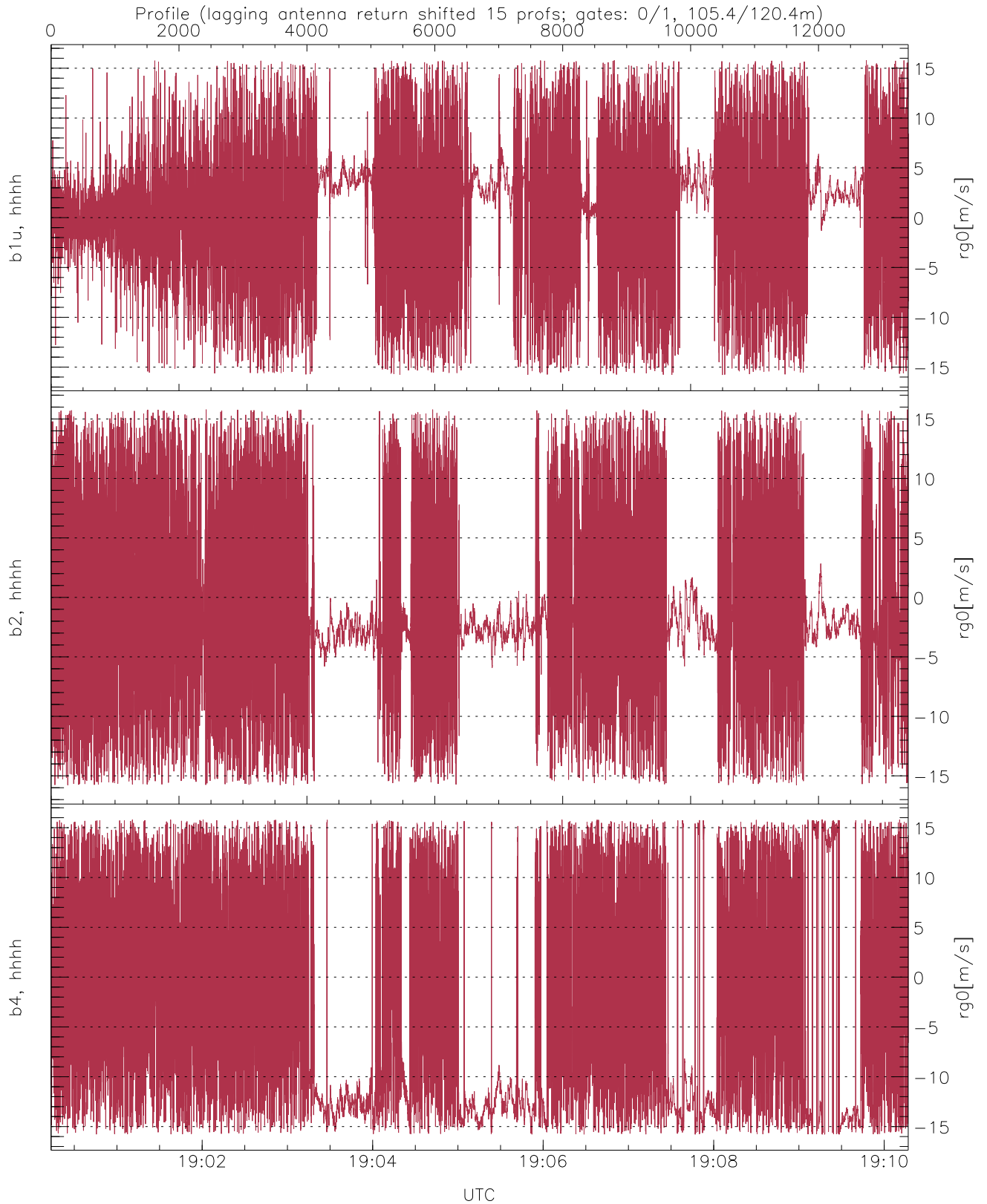
WCR3 CPP Received Power Products for Range gate 0 (105.4 m)

	Min	Max	Mean
up(hh[dBm])	-65.45	-31.54	-49.48
down(hh[dBm])	-65.08	-33.88	-50.88
down-fore(hh[dBm])	-65.21	-38.73	-55.67



WCR3 Beam pairs Received Power Ratio(s); RangeGate: 0 (105 m)

	Min	Max	Mean
up/down (dB)	-28.54	25.98	-0.88
down/down-fore (dB)	-17.65	23.94	1.52



WCR3 CPP Doppler Velocity Products at 105.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg0[m/s])	-15.78	15.79	0.77	6.19
b2, hhhh(rg0[m/s])	-15.78	15.79	-0.90	7.01
b4, hhhh(rg0[m/s])	-15.79	15.79	-3.32	9.87