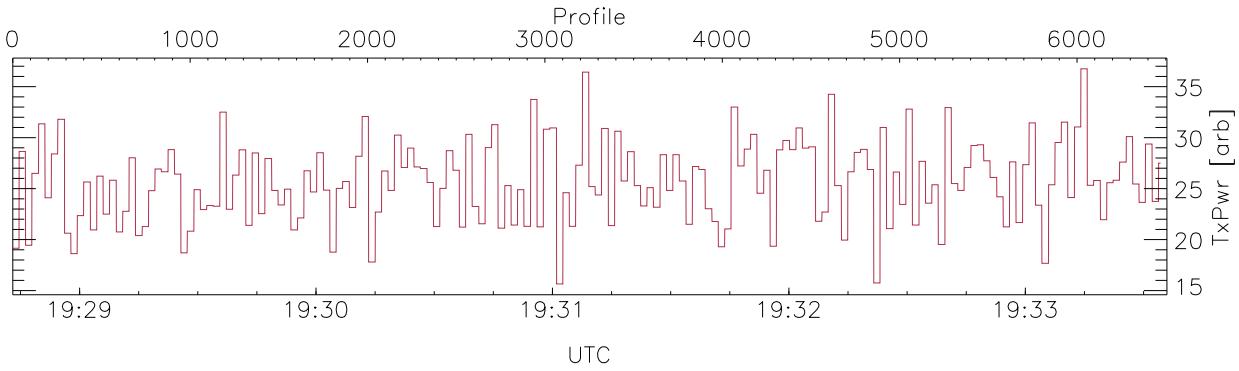
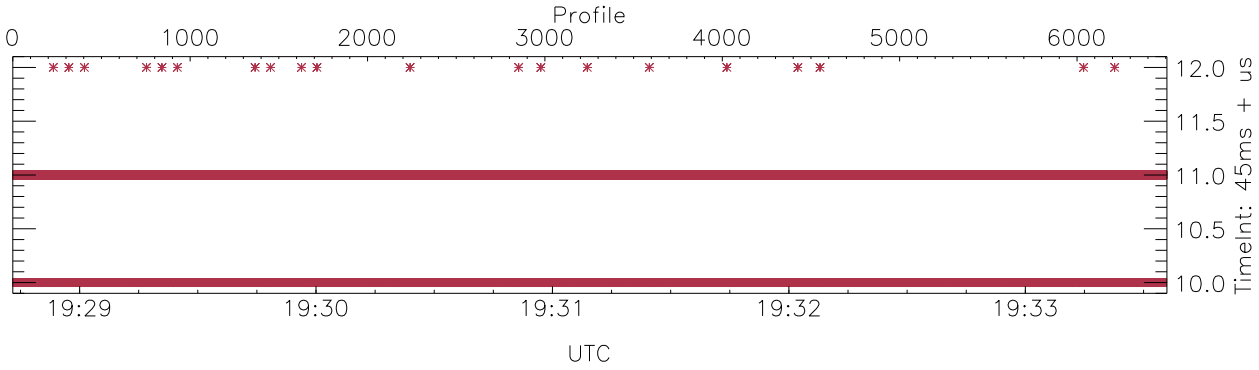
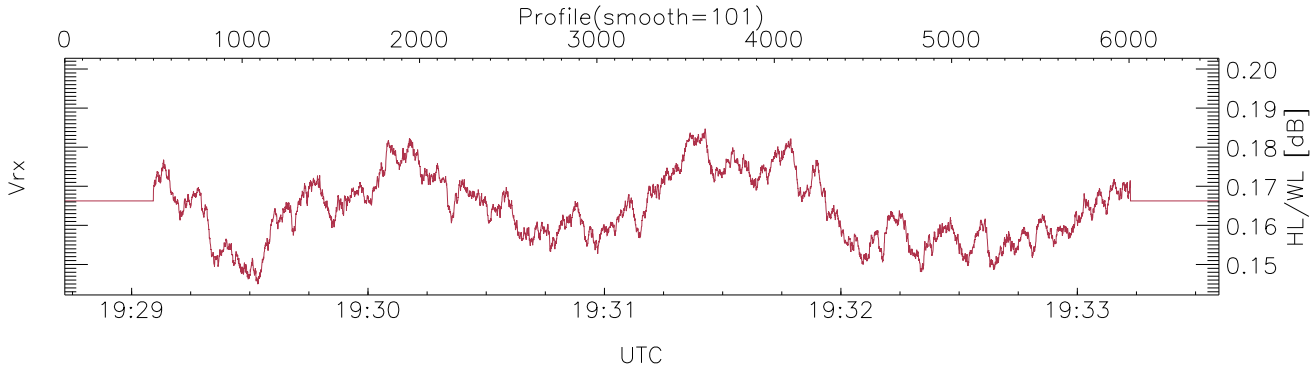
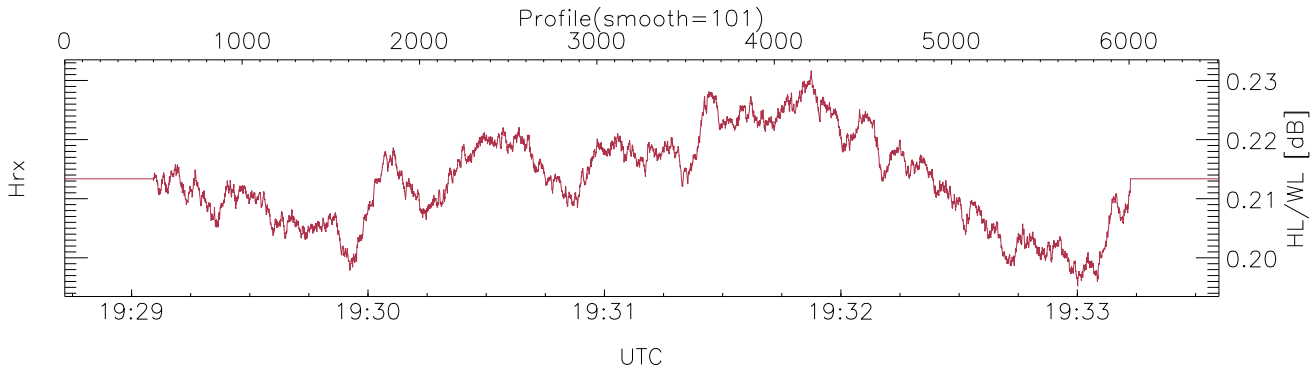


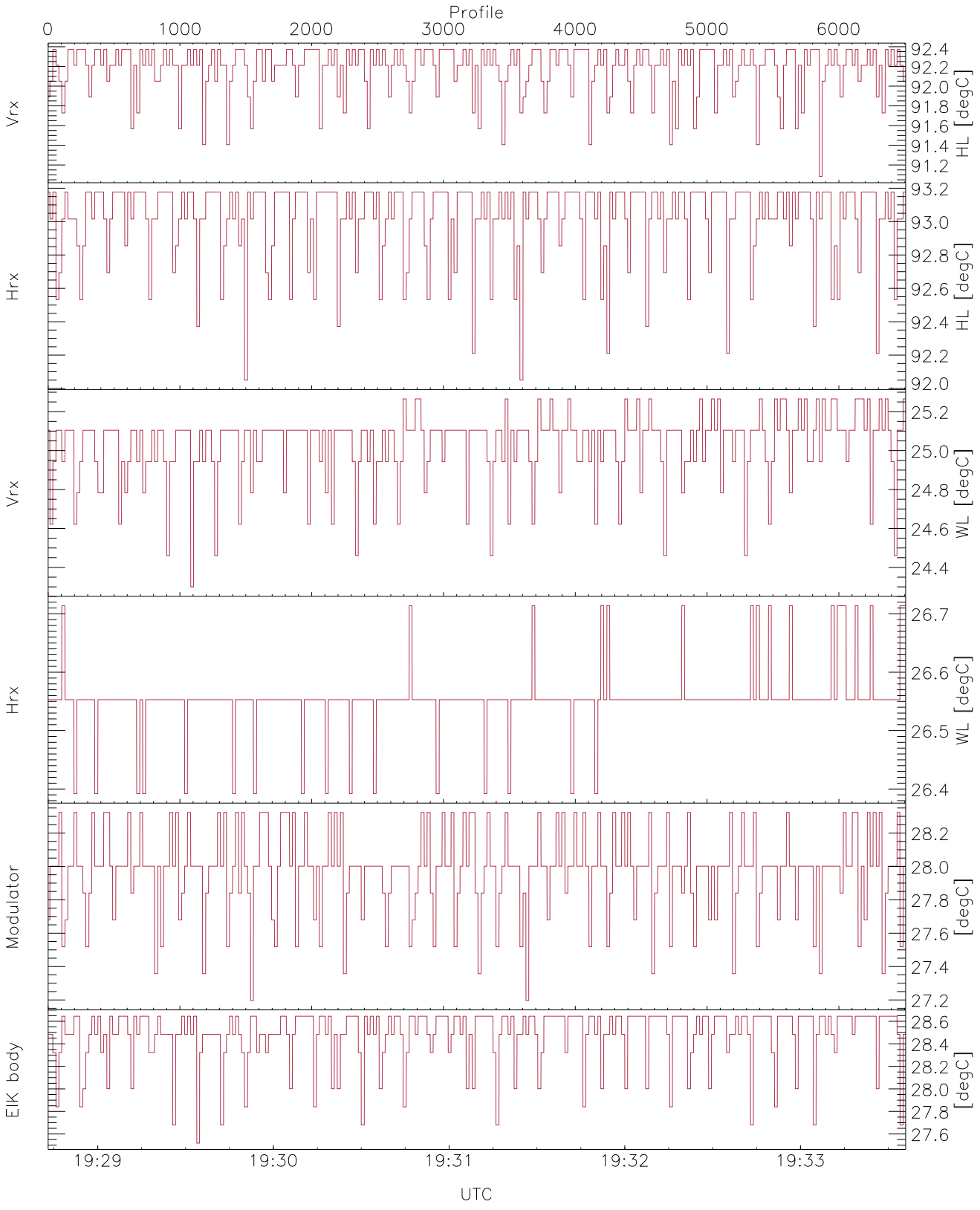






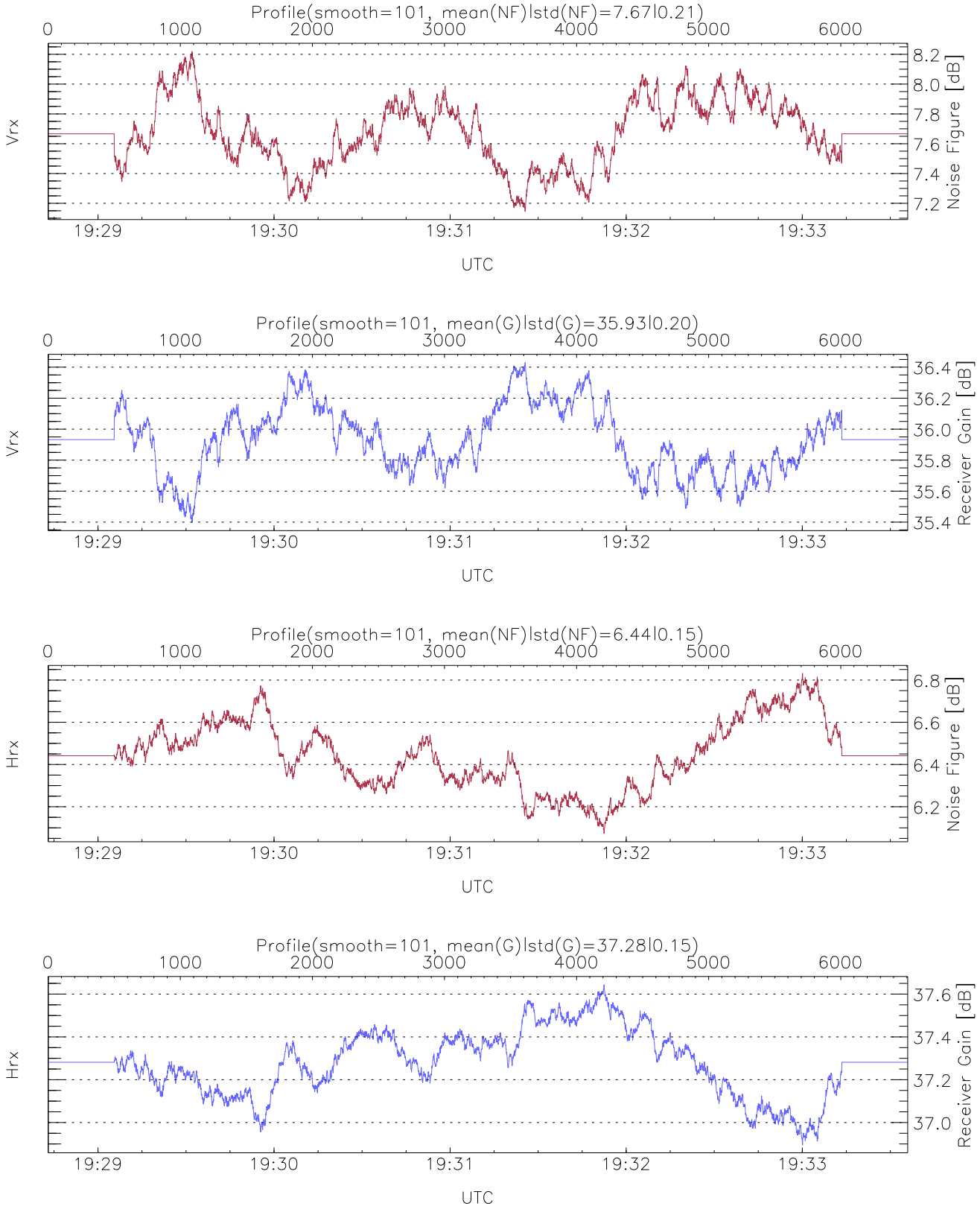
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 19:28:43-19:33:36, TimeCor: 0.00s, Dur: 292.89s
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): 6508/6508, 0-6507/19:28:43-19:33:36
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,rgs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7
Mirror(-9|0|1|2,3,9x = no mirror|sideluplerror): 1



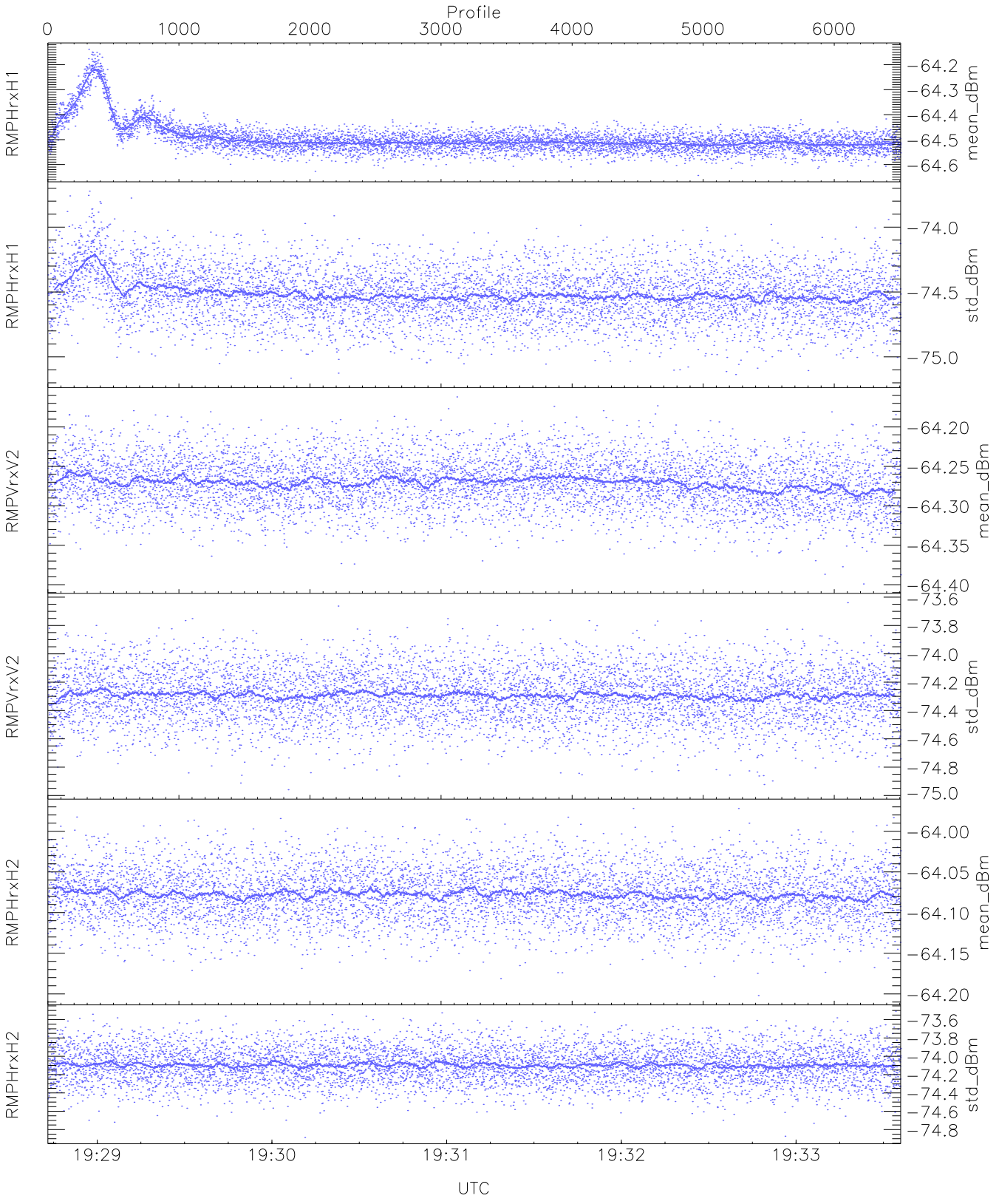
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,24,26,27,27
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,25,26,28,28
LOalarm(20,240,2817,14861 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,Fault2,DeckF,OverDuty,HVPS (22,22,22,22,22,22,22)



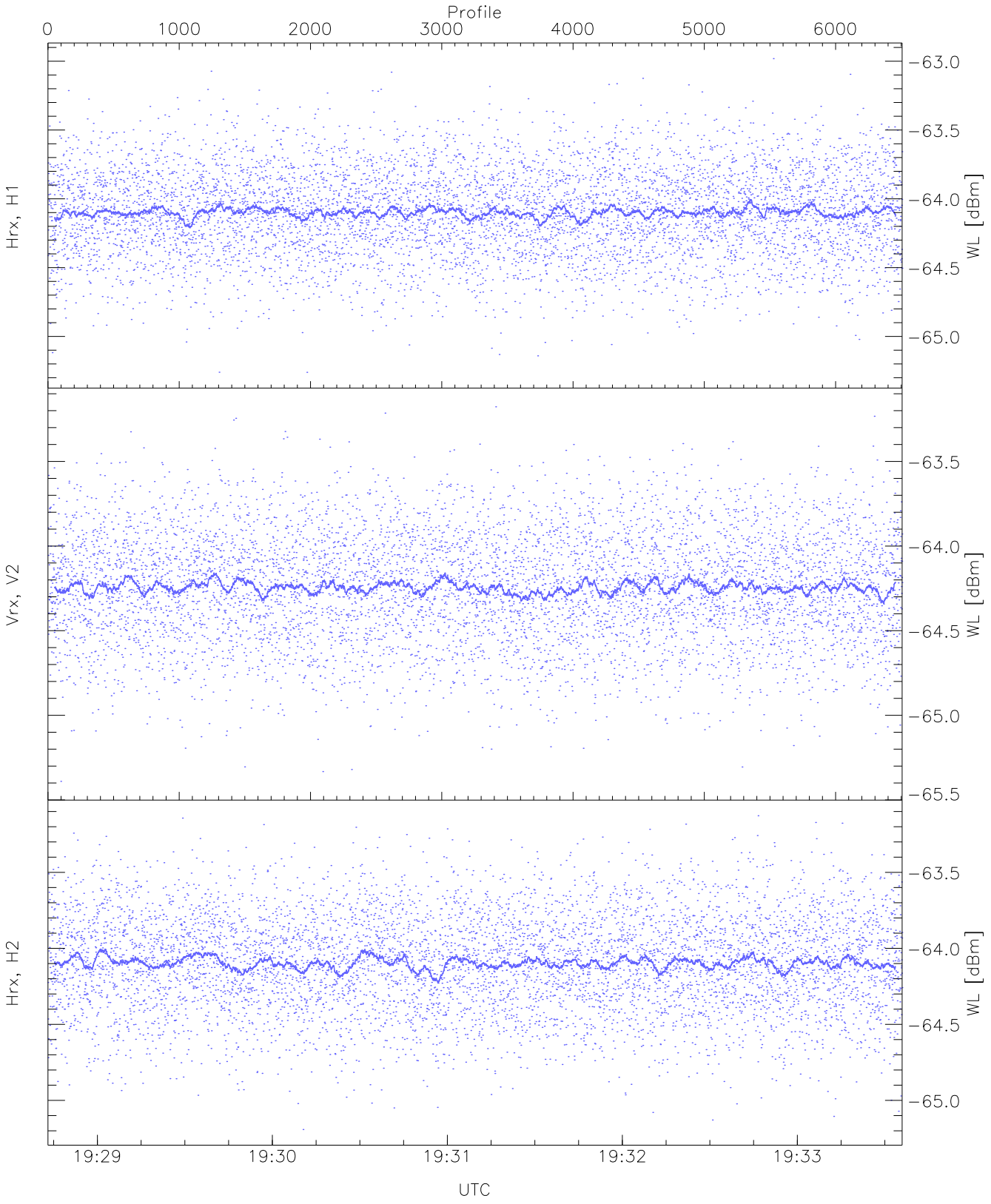
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 8 pixs, 3 gates, 8 profs, 1 prod(s)



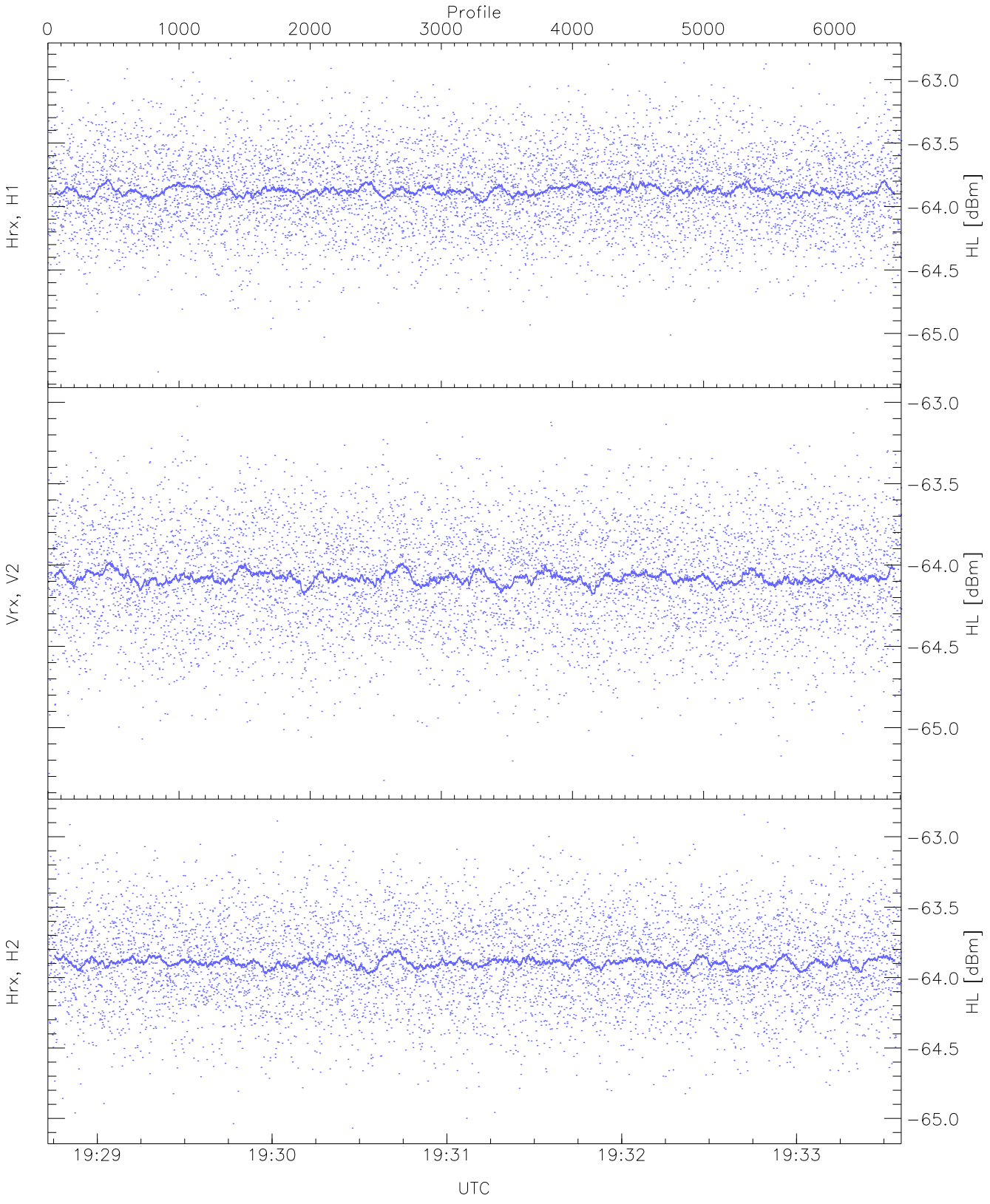
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-64.64	-64.14	-64.49	-64.51	-82.80
RMPHrxH1(std_dBm)	-75.16	-73.72	-74.51	-74.52	-88.03
RMPVrxV2(mean_dBm)	-64.40	-64.16	-64.27	-64.27	-85.79
RMPVrxV2(std_dBm)	-74.96	-73.64	-74.29	-74.29	-88.15
RMPHrxH2(mean_dBm)	-64.20	-63.97	-64.08	-64.08	-85.63
RMPHrxH2(std_dBm)	-74.89	-73.51	-74.09	-74.10	-87.87



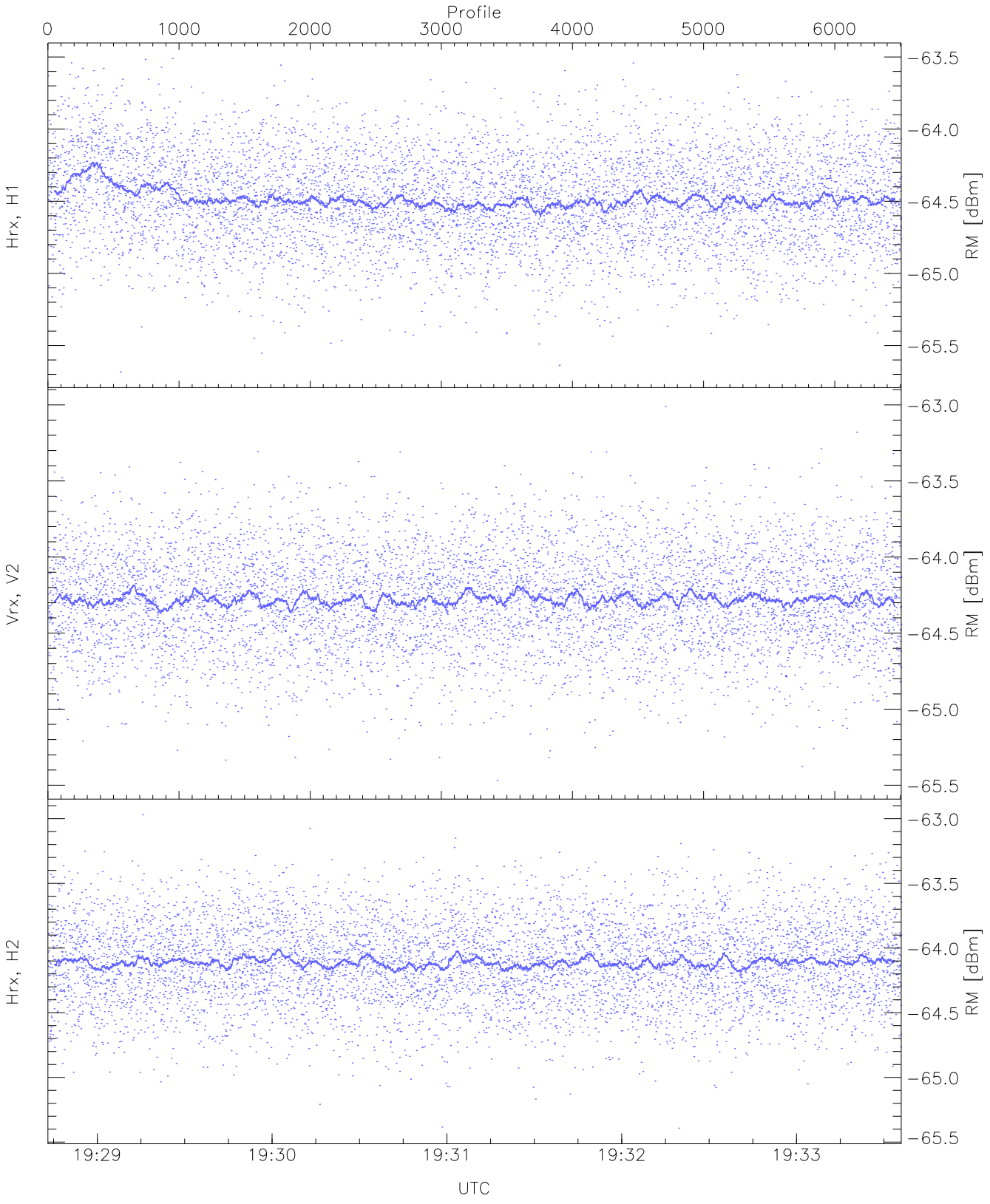
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-65.26	-62.98	-64.09	-64.10	-75.63
Vrx, V2(WL [dBm])	-65.39	-63.18	-64.23	-64.24	-75.73
Hrx, H2(WL [dBm])	-65.19	-63.13	-64.09	-64.09	-75.61



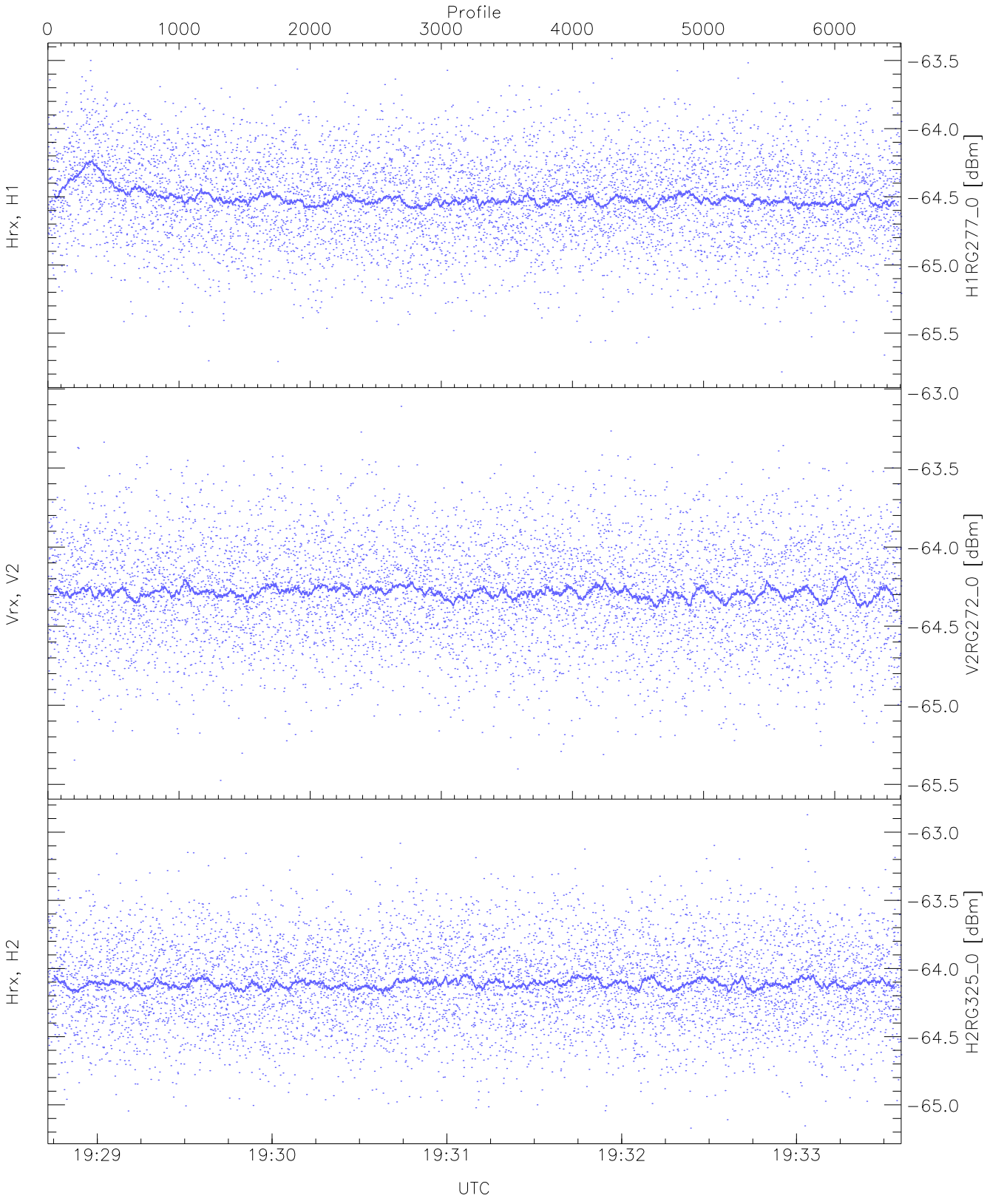
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.30	-62.83	-63.87	-63.88	-75.34
Vrx, V2(HL [dBm])	-65.32	-63.02	-64.07	-64.07	-75.56
Hrx, H2(HL [dBm])	-65.07	-62.84	-63.88	-63.90	-75.44



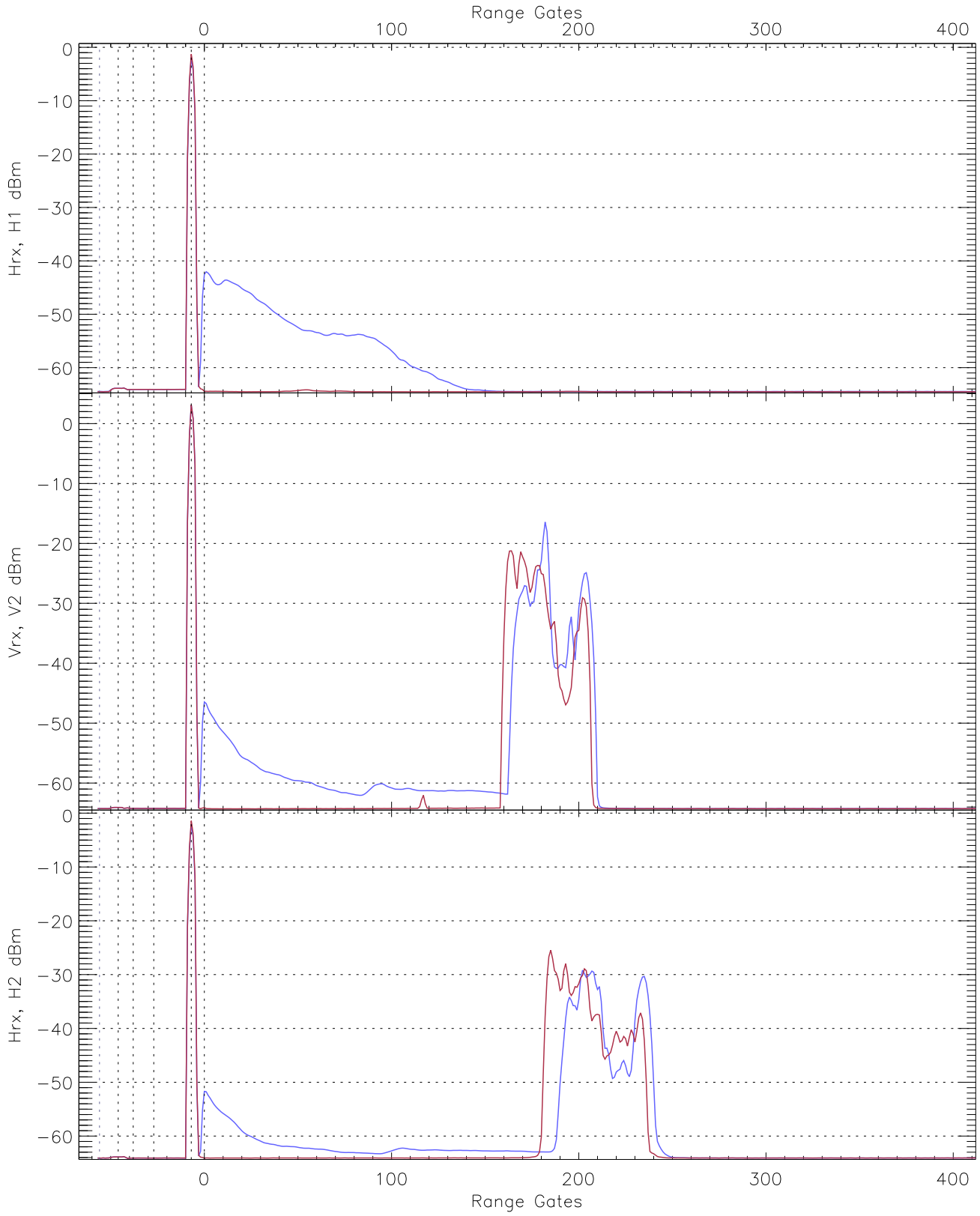
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-65.68	-63.51	-64.47	-64.48	-75.99
Vrx, V2(RM [dBm])	-65.47	-63.01	-64.27	-64.28	-75.75
Hrx, H2(RM [dBm])	-65.39	-62.97	-64.10	-64.11	-75.56

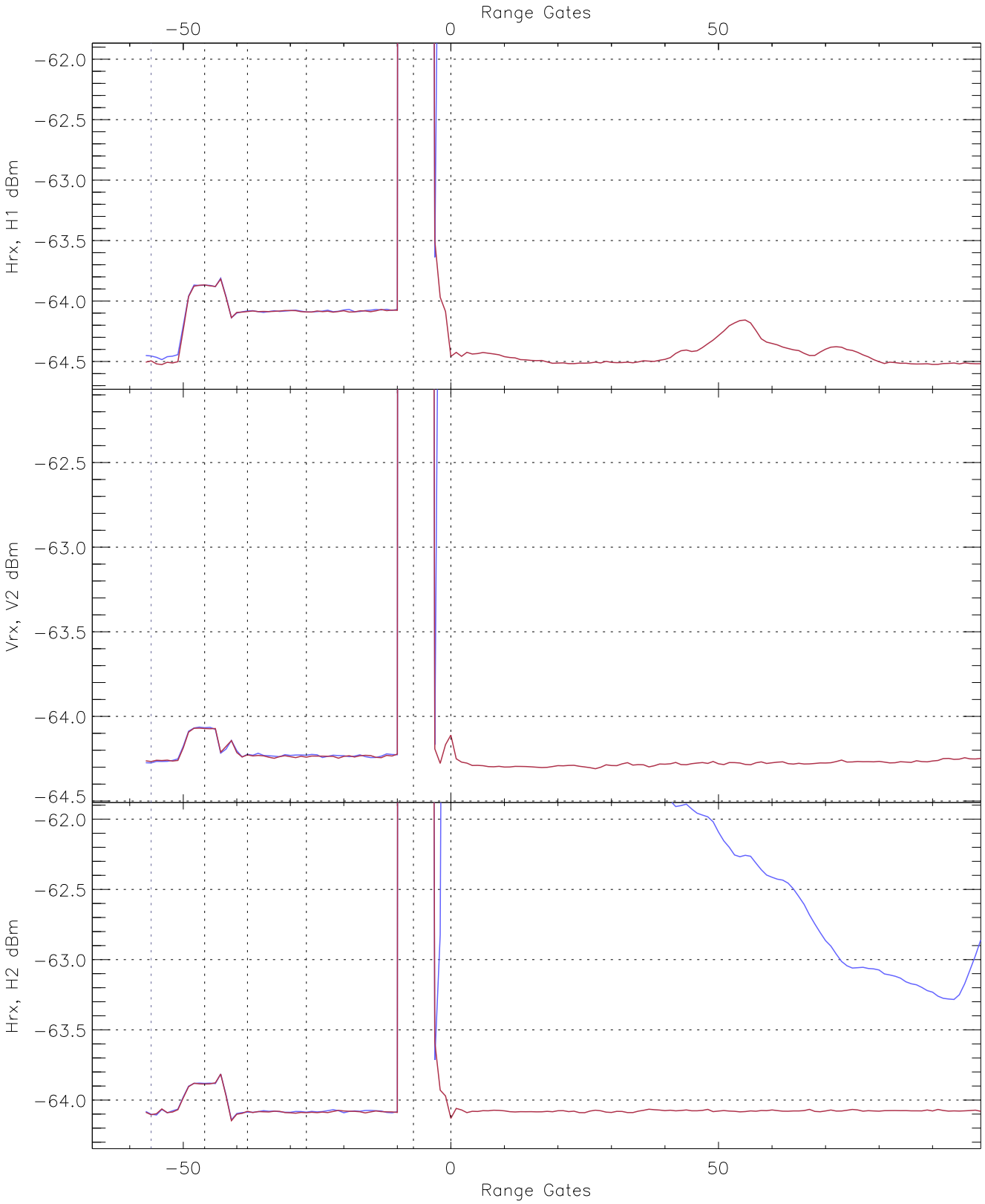


WCR3 CPP "Best" estimate Receivers Noise Power

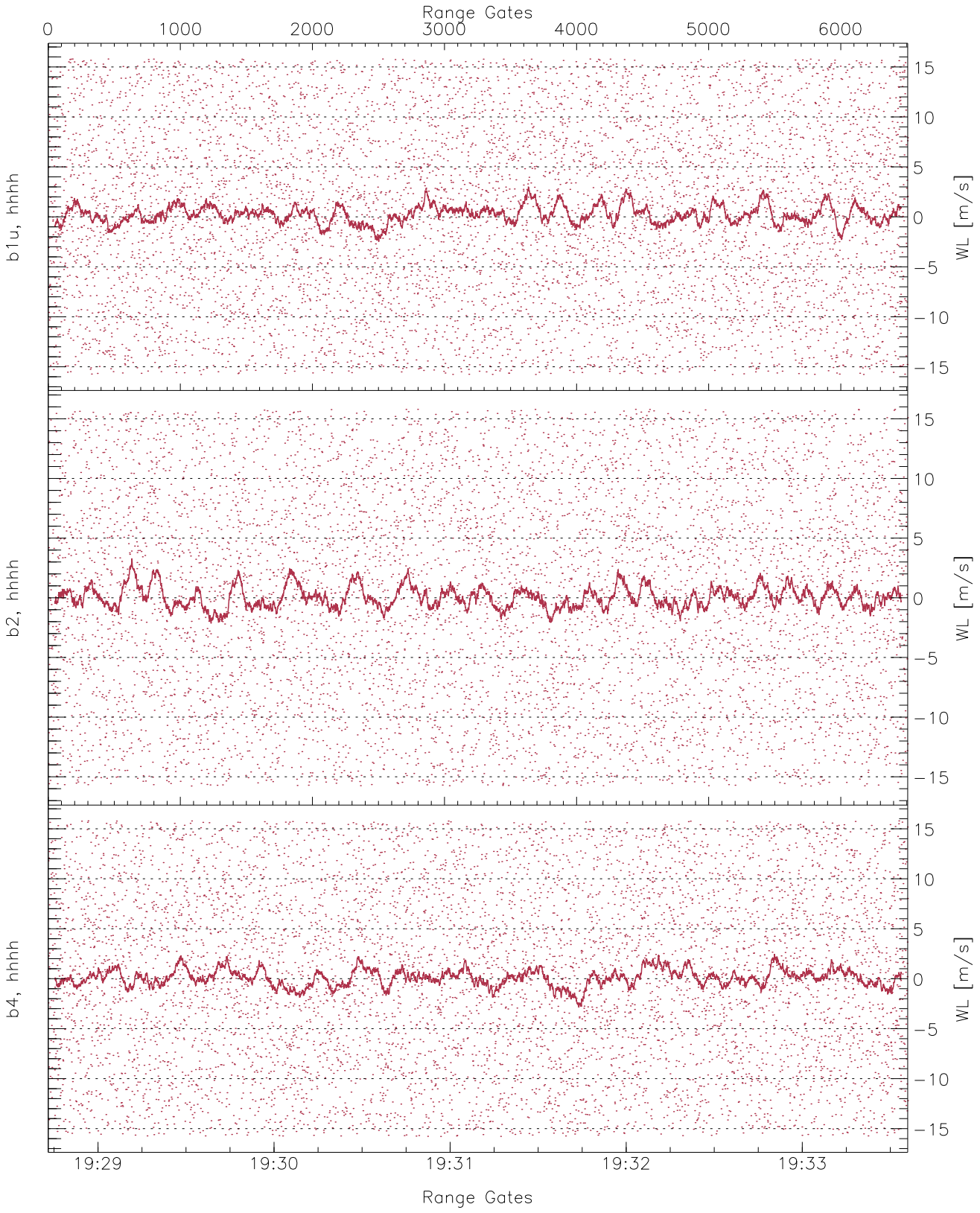
	Min	Max	Mean	Median	StDev
H1RG277_0 [dBm]	-65.78	-63.49	-64.50	-64.51	-75.92
V2RG272_0 [dBm]	-65.48	-63.11	-64.28	-64.29	-75.72
H2RG325_0 [dBm]	-65.17	-62.87	-64.10	-64.12	-75.62



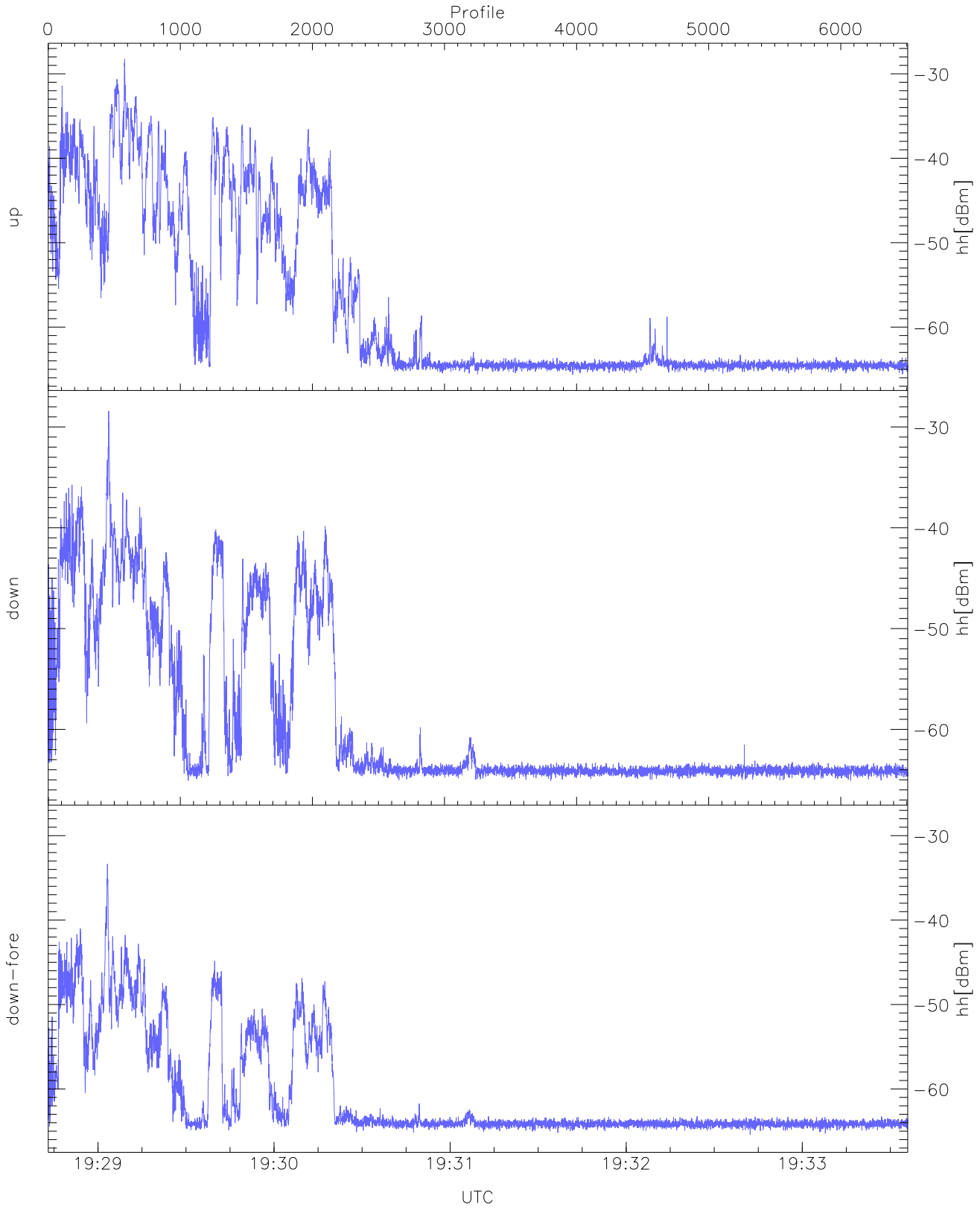
WCR3 CPP Averaged Received power for all recorded gates
blue: 192843-193109, 3255 profiles averaged
red: 193109-193336, 3254 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 192843-193109, 3255 profiles averaged
red: 193109-193336, 3254 profiles averaged

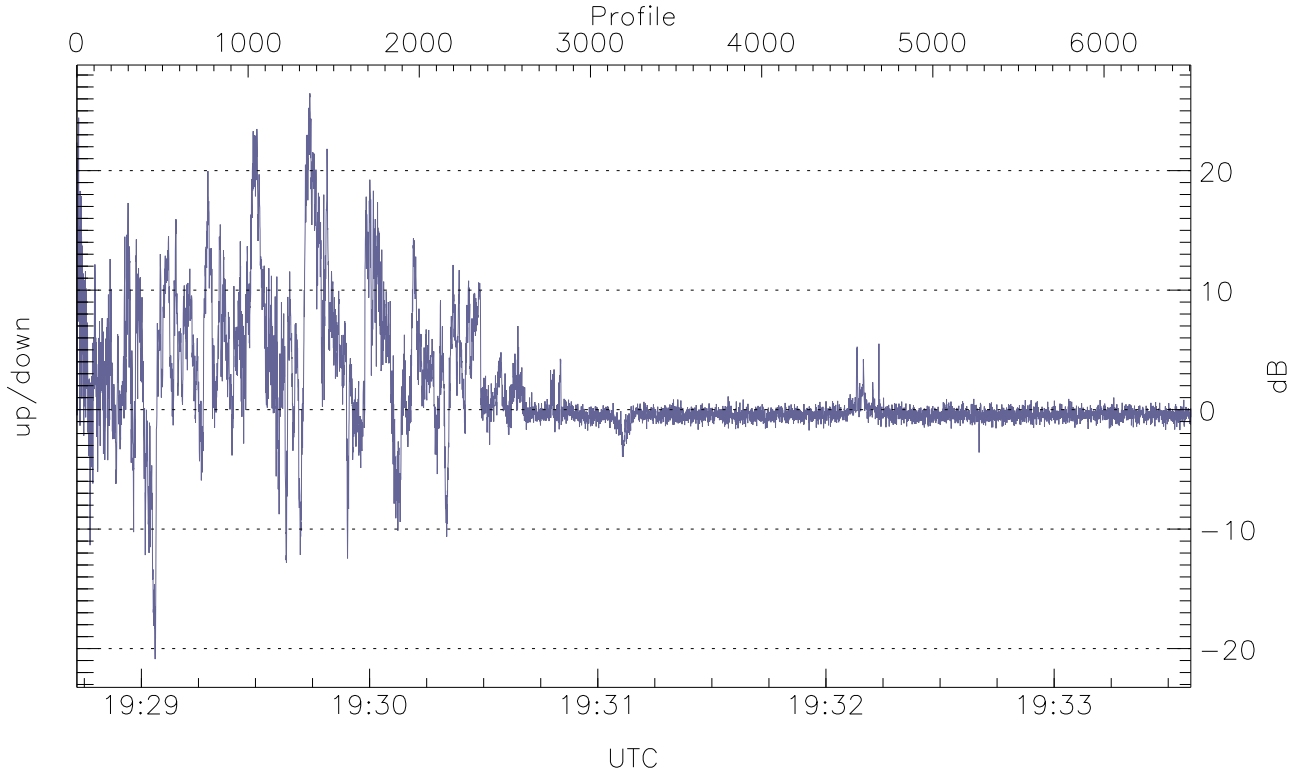


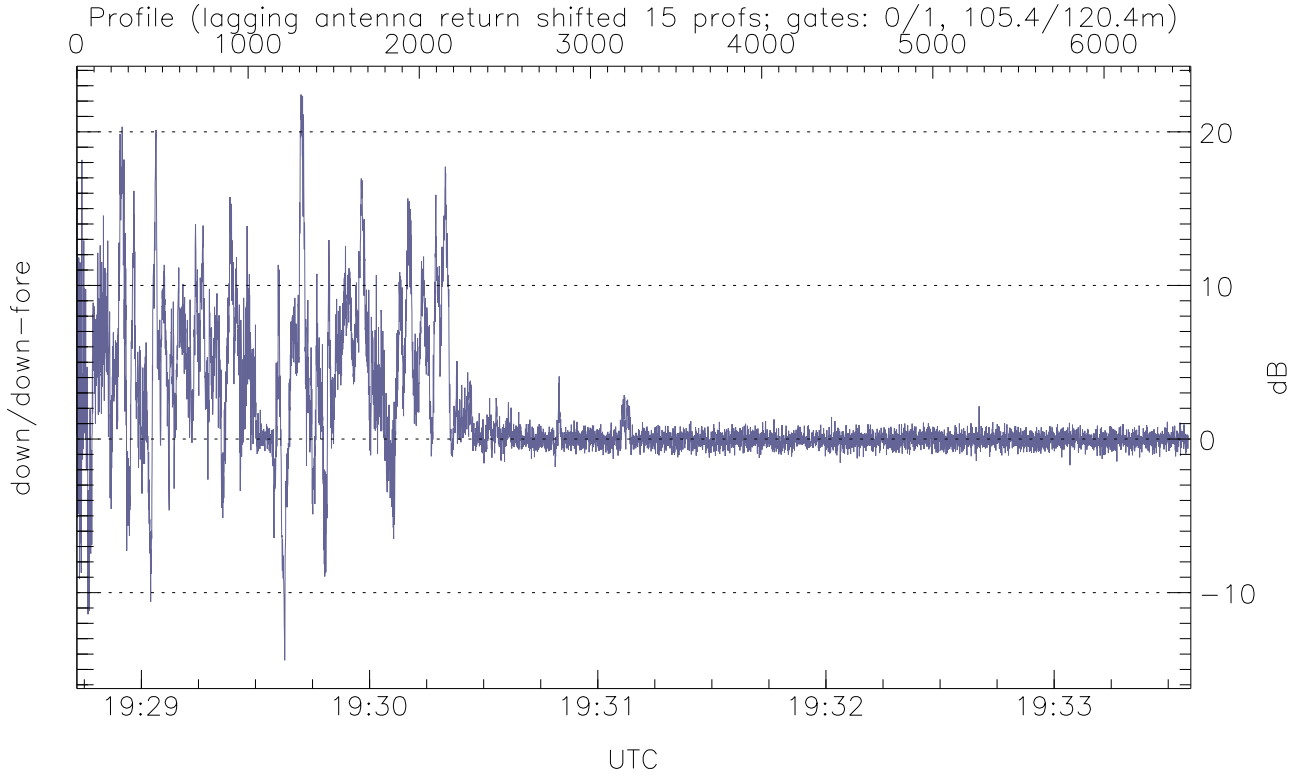
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

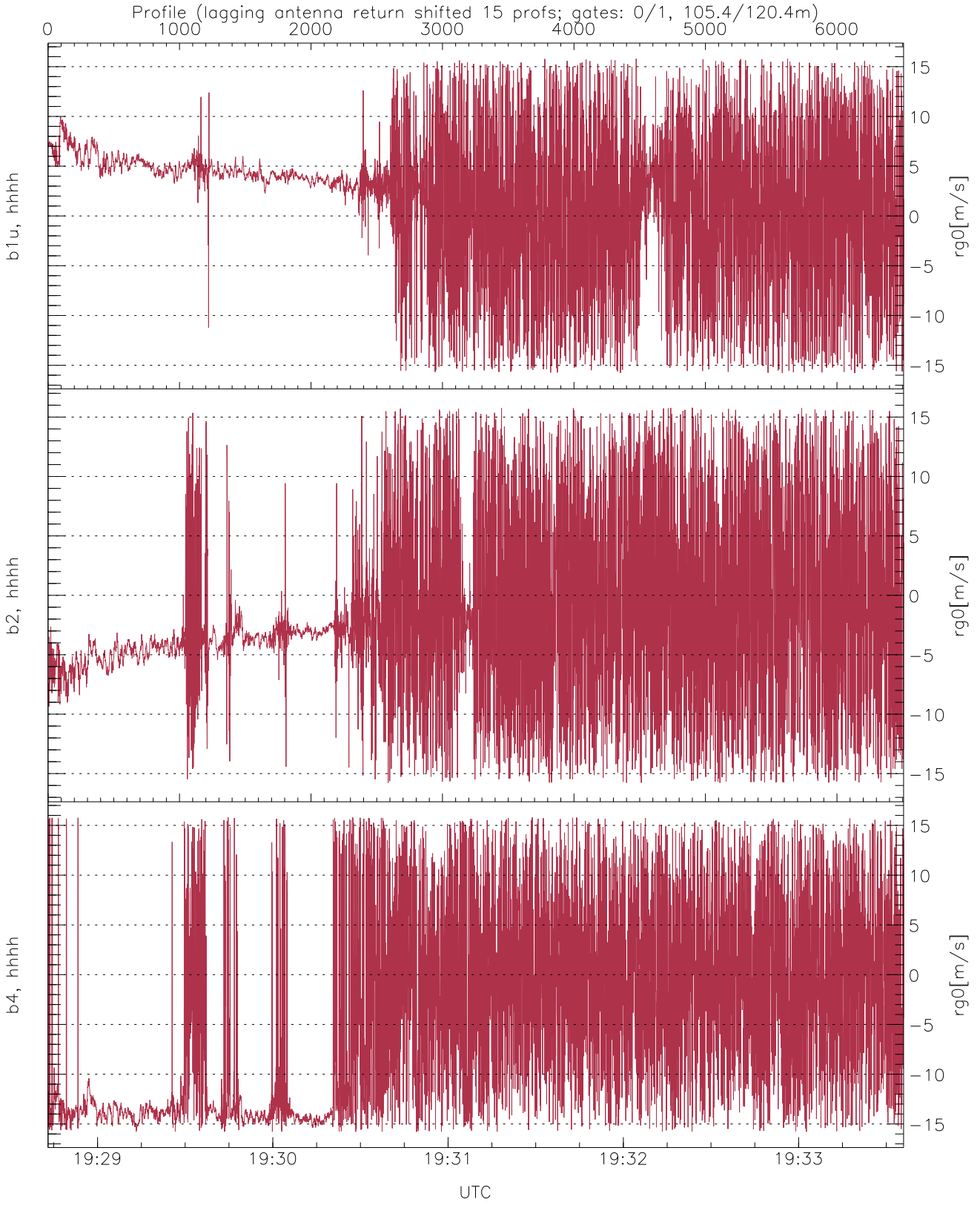
	Min	Max	Mean
up(hh[dBm])	-65.64	-28.25	-45.52
down(hh[dBm])	-65.13	-28.41	-49.40
down-fore(hh[dBm])	-65.40	-33.33	-54.47





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

	Min	Max	Mean
up/down(dB)	-20.87	26.47	1.63
down/down-fore(dB)	-14.40	22.43	1.62



WCR3 CPP Doppler Velocity Products at 105.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg0[m/s])	-15.78	15.79	2.08	6.59
b2, hhhh(rg0[m/s])	-15.78	15.79	-1.64	7.01
b4, hhhh(rg0[m/s])	-15.79	15.79	-4.49	9.45