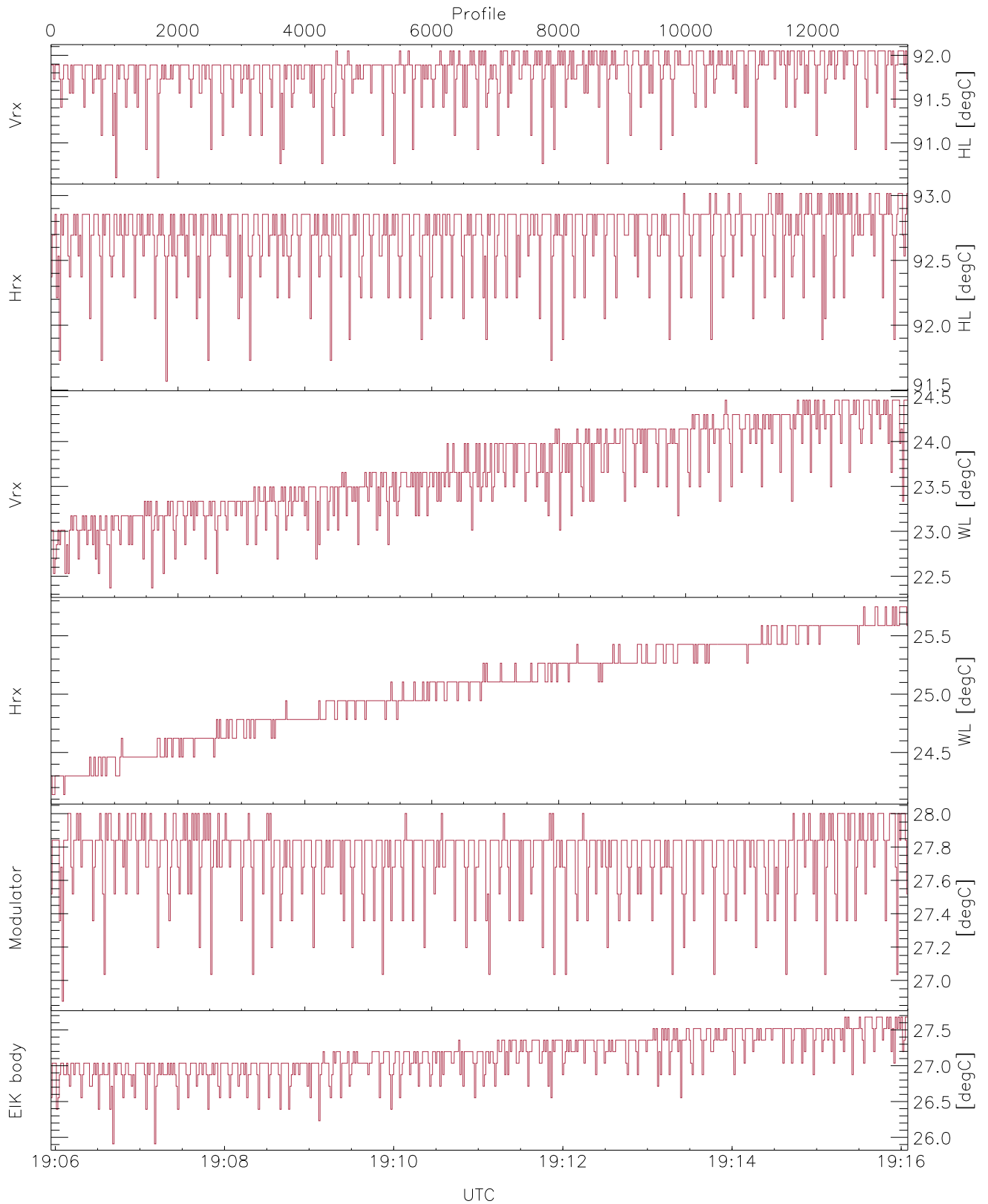


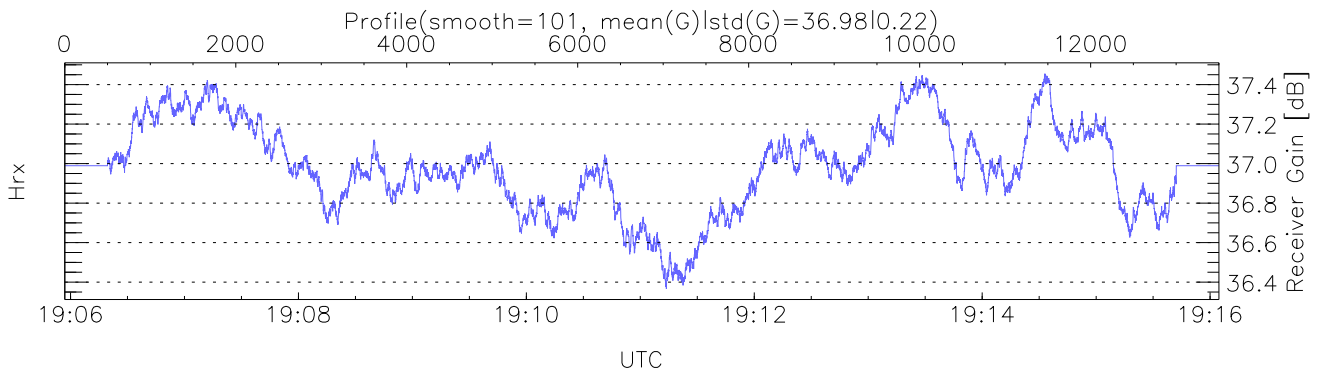
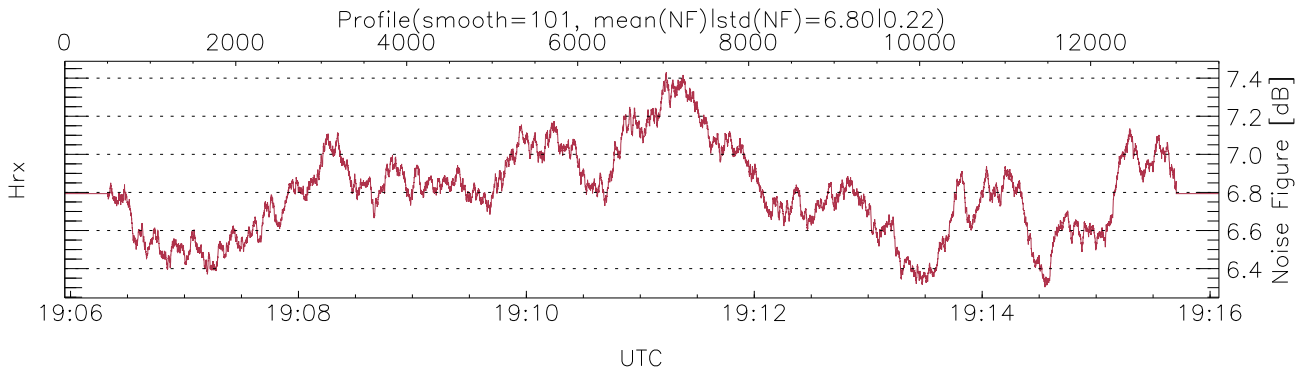
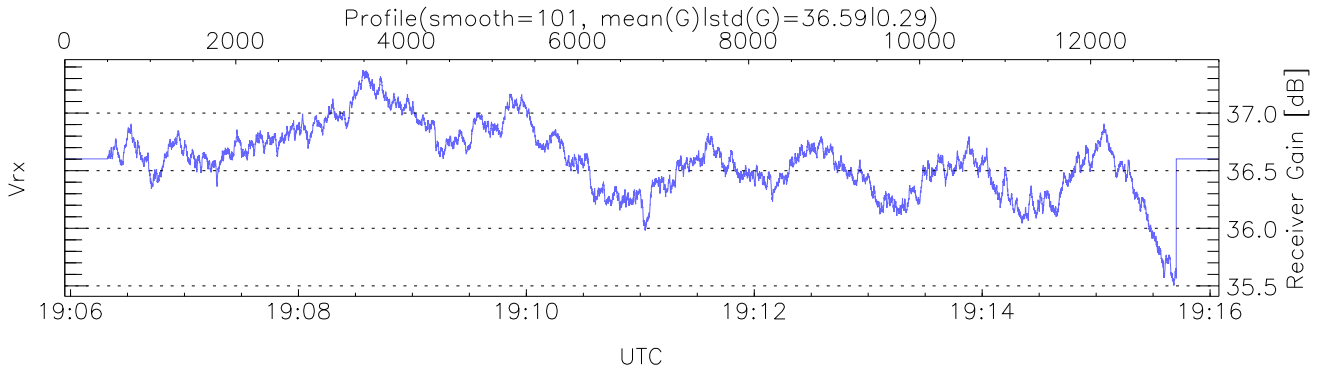
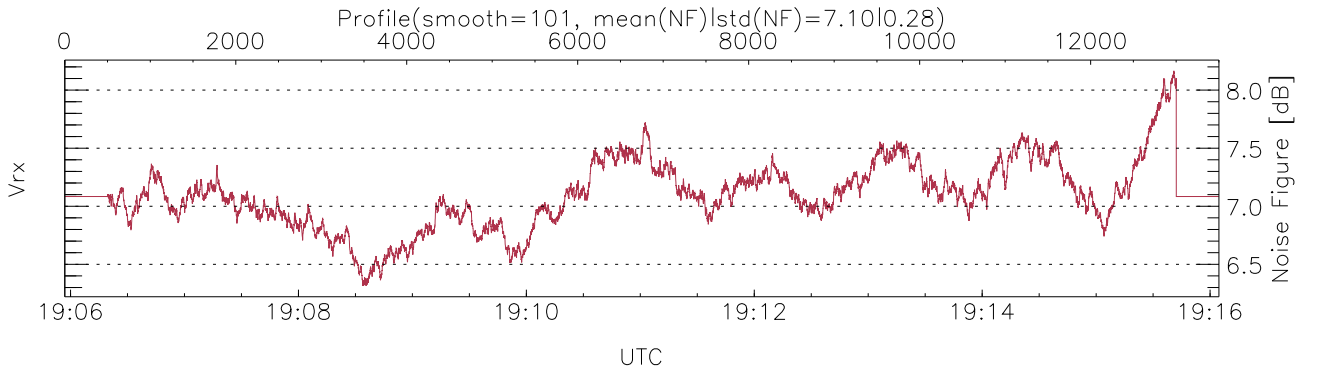
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 19:05:57-19:16:05, TimeCor: 0.00s, Dur: 607.70s
 TimeFlg: 2, 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): 13502/13502, 0-13501/19:05:57-19:16:05
 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|sidelup|error): 1



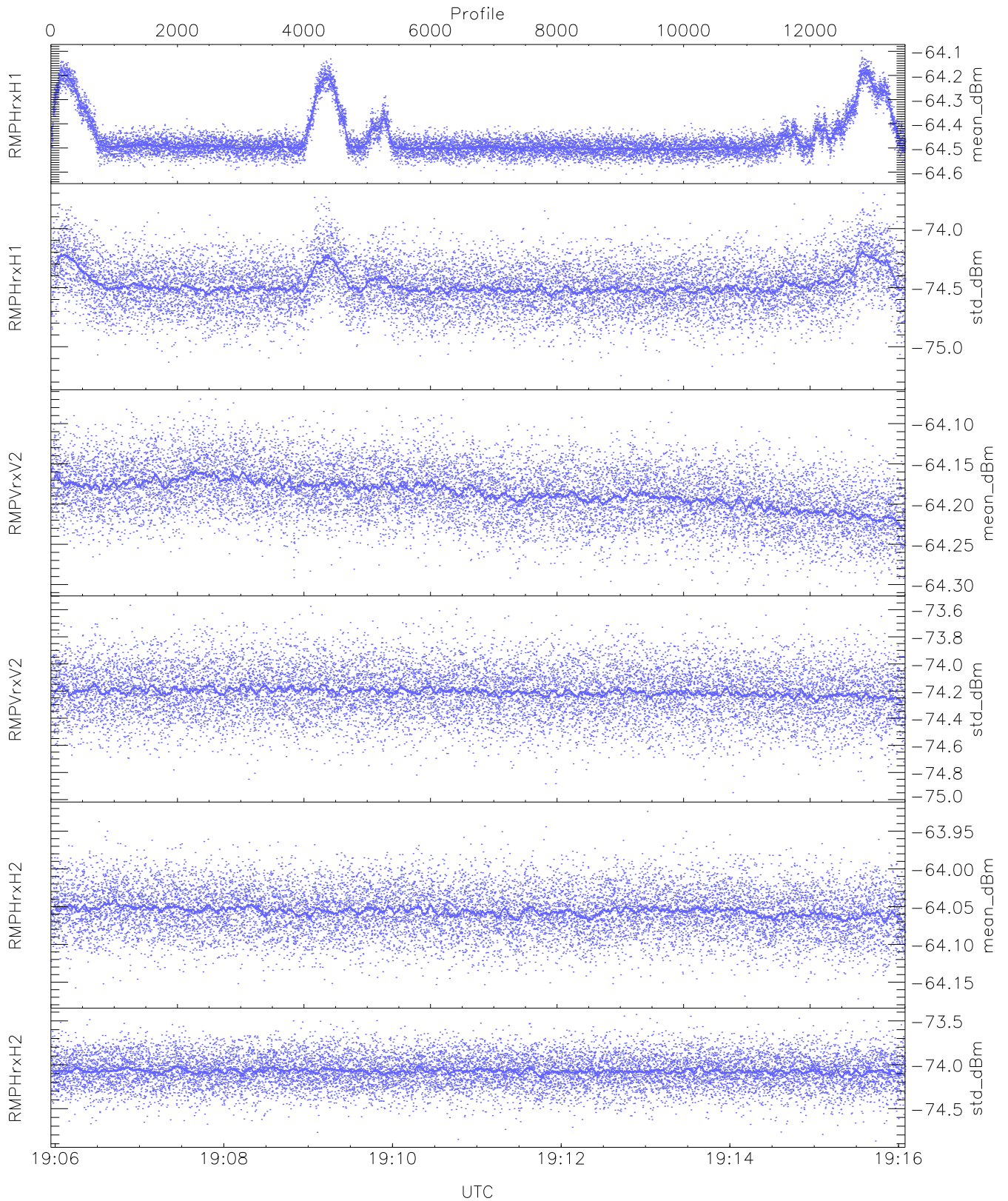
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,22,24,26,25`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,24,25,28,27`
`LOalarm(20,240,2817,14861 MHz): None`
`EIK/Modulator Faults: None`



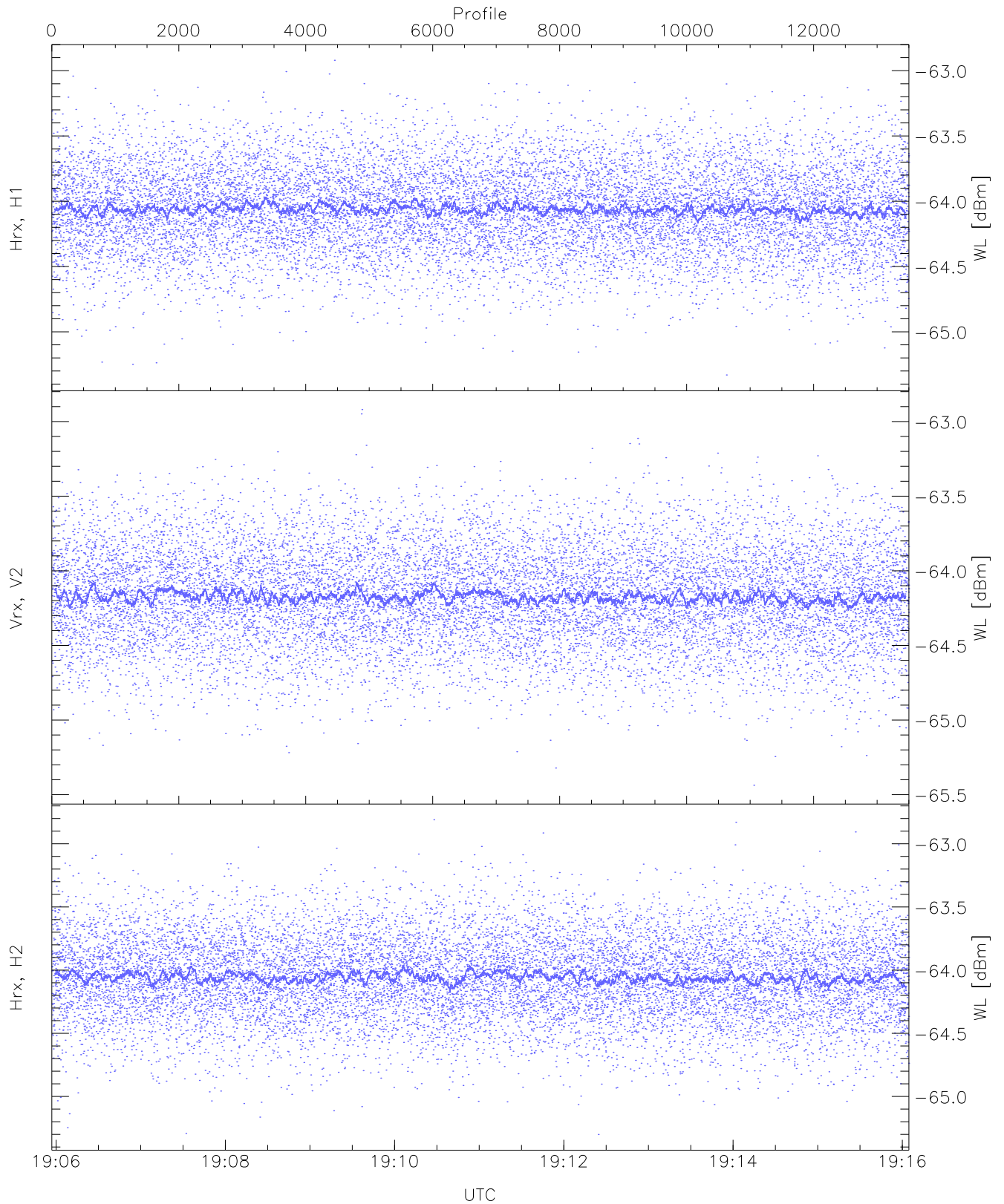
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 35 pixs, 6 gates, 25 profs, 1 prod(s)



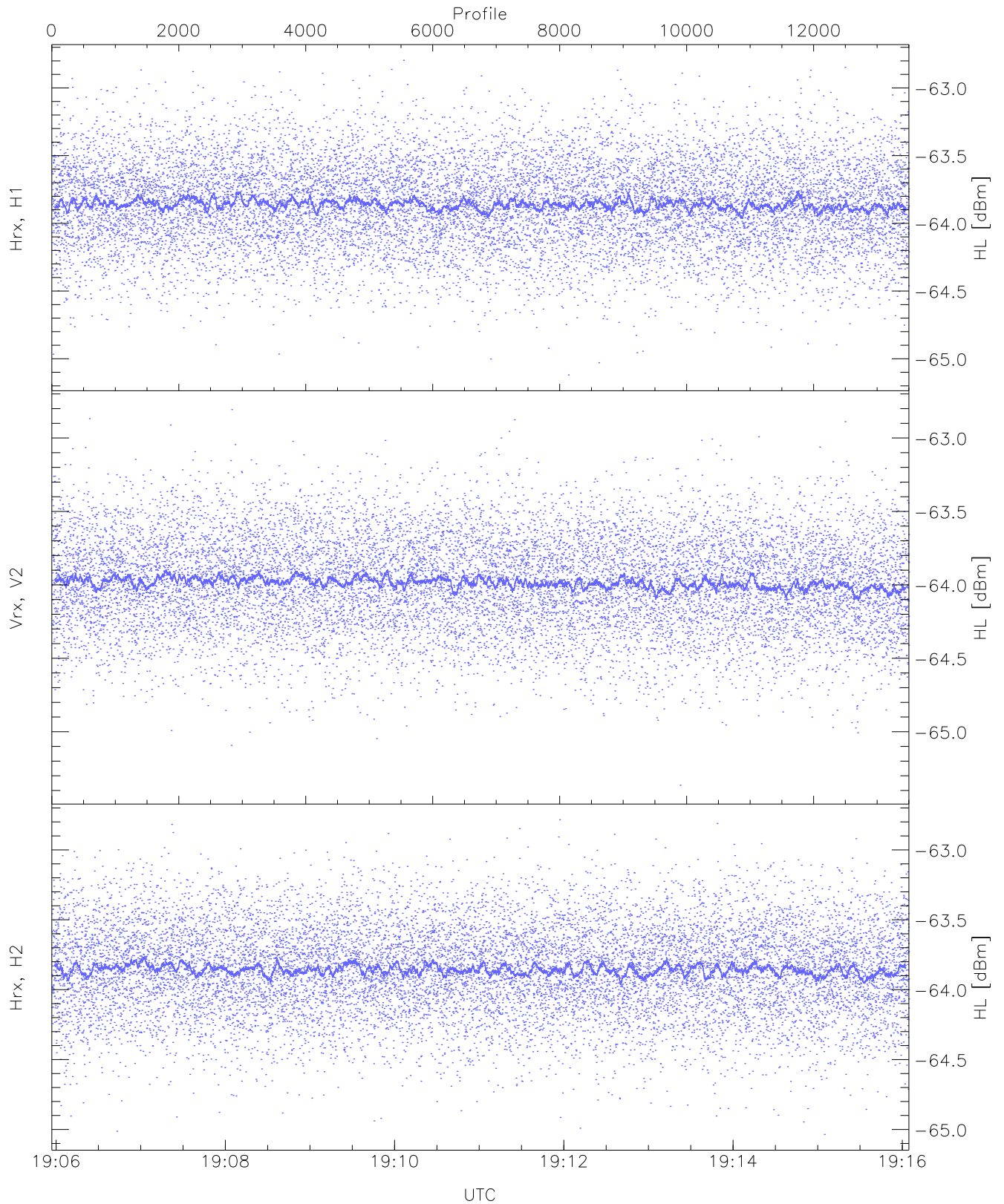
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-64.62	-64.10	-64.46	-64.49	-81.38
RMPHrxH1(std_dBm)	-75.29	-73.70	-74.47	-74.48	-87.83
RMPVrxV2(mean_dBm)	-64.30	-64.07	-64.19	-64.19	-85.24
RMPVrxV2(std_dBm)	-74.95	-73.57	-74.20	-74.21	-87.95
RMPHrxH2(mean_dBm)	-64.17	-63.92	-64.06	-64.06	-85.60
RMPHrxH2(std_dBm)	-74.87	-73.43	-74.07	-74.07	-87.83



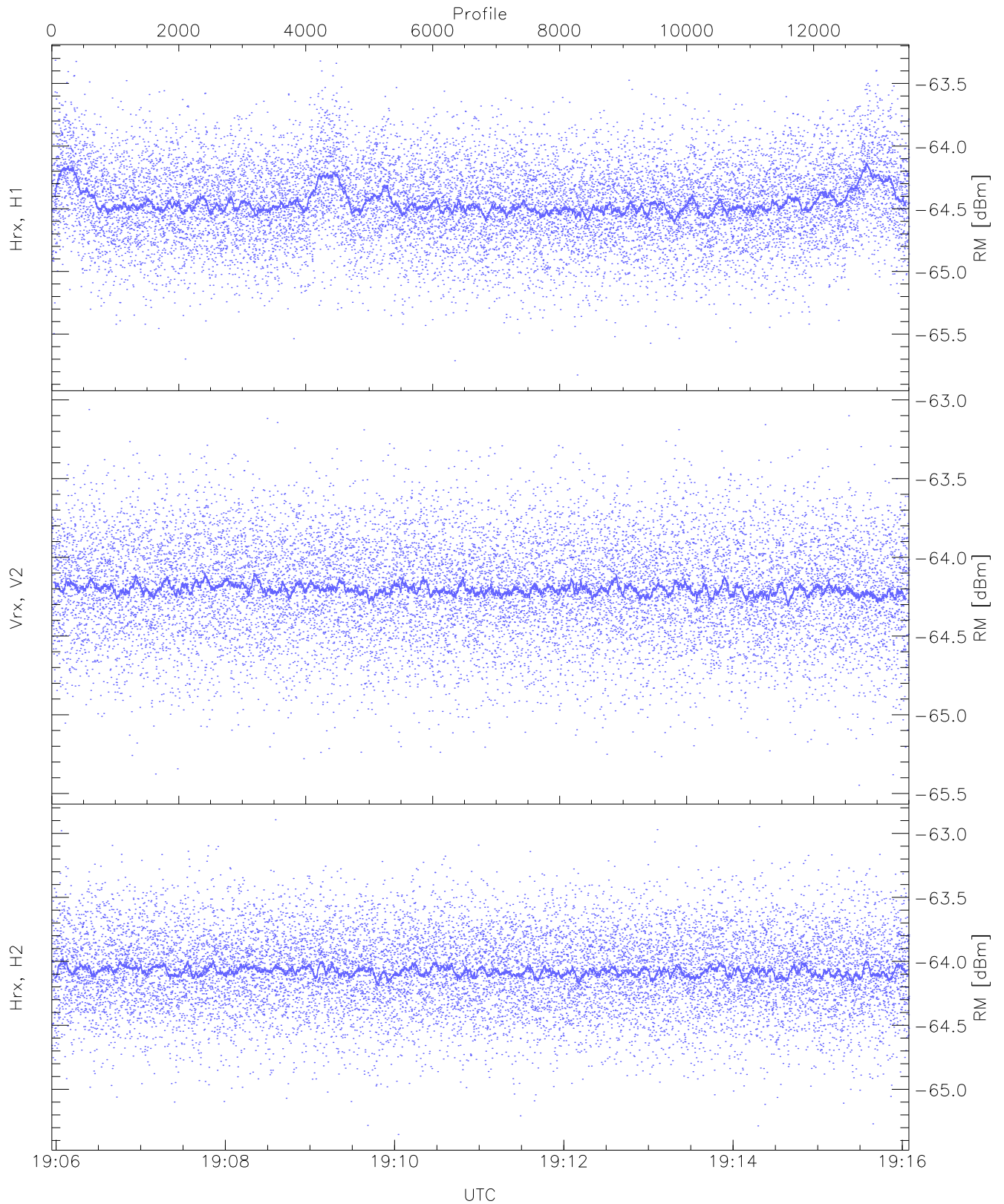
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.33	-62.92	-64.05	-64.06	-75.58
Vrx, V2 (WL [dBm])	-65.44	-62.92	-64.17	-64.18	-75.66
Hrx, H2 (WL [dBm])	-65.30	-62.81	-64.05	-64.06	-75.53



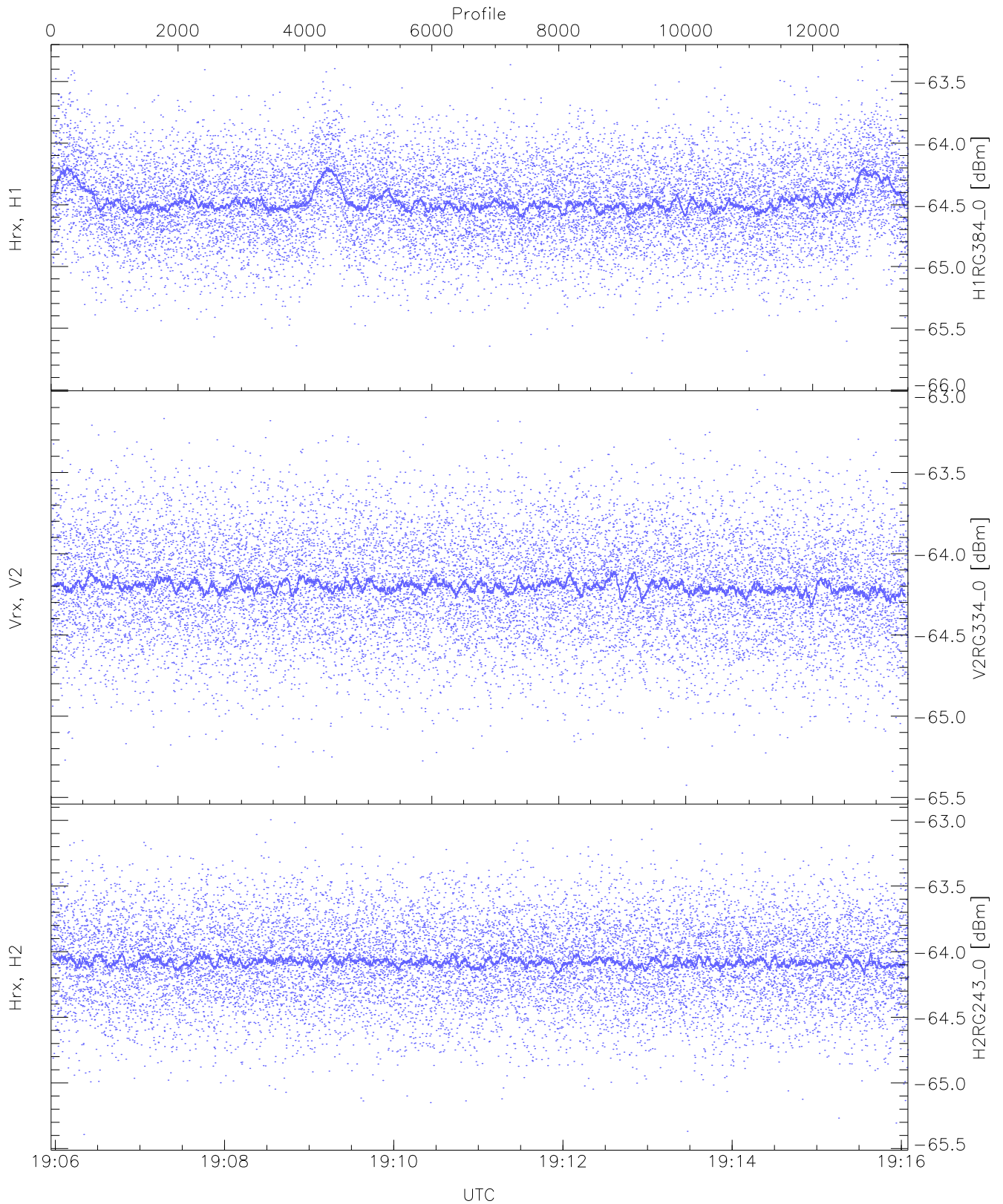
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.12	-62.80	-63.85	-63.86	-75.36
Vrx, V2 (HL [dBm])	-65.36	-62.81	-63.98	-63.99	-75.50
Hrx, H2 (HL [dBm])	-65.04	-62.78	-63.85	-63.86	-75.36



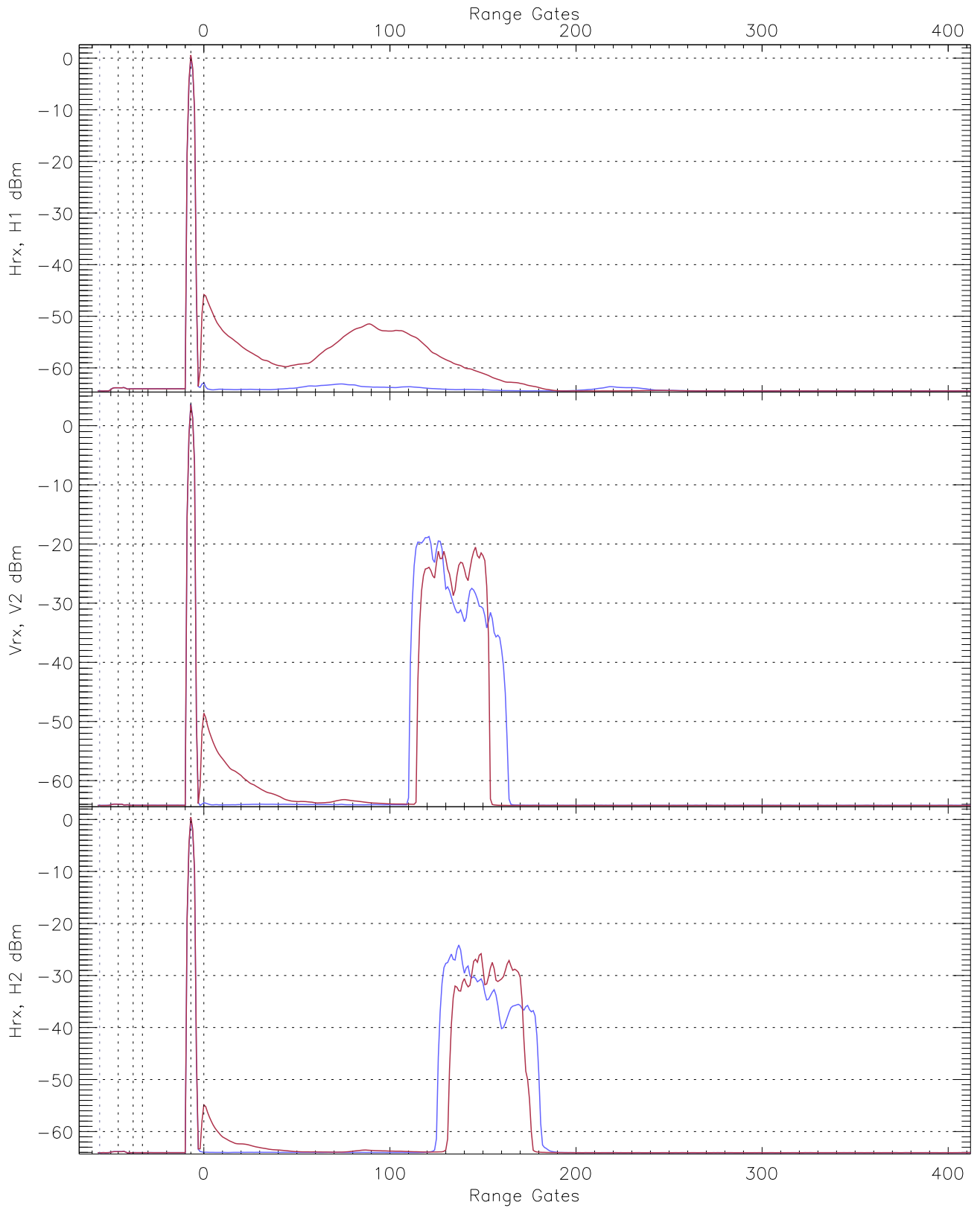
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-65.83	-63.32	-64.44	-64.46	-75.77
Vrx, V2 (RM [dBm])	-65.45	-63.06	-64.19	-64.20	-75.65
Hrx, H2 (RM [dBm])	-65.35	-62.89	-64.07	-64.08	-75.59

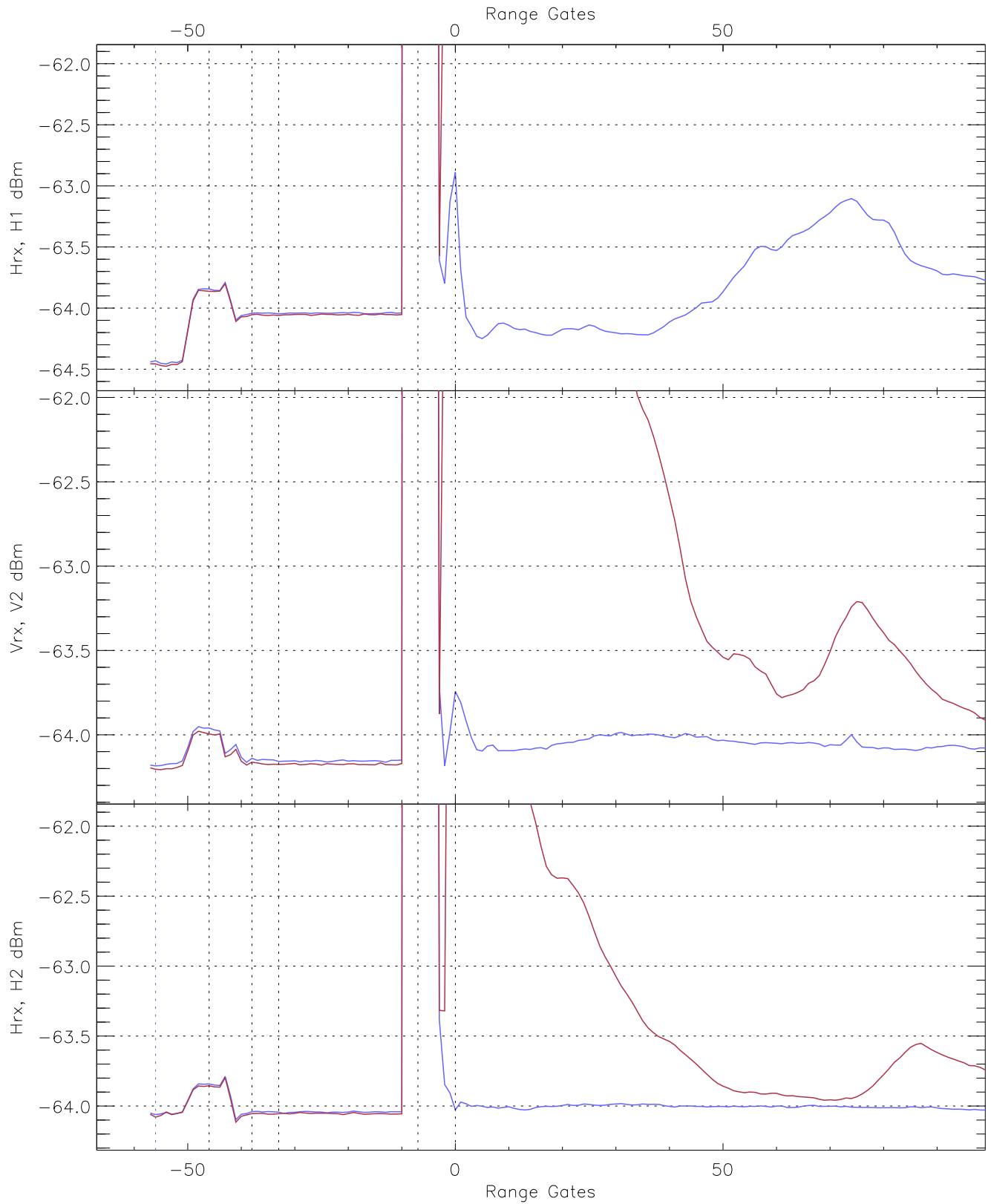


WCR3 CPP "Best" estimate Receivers Noise Power

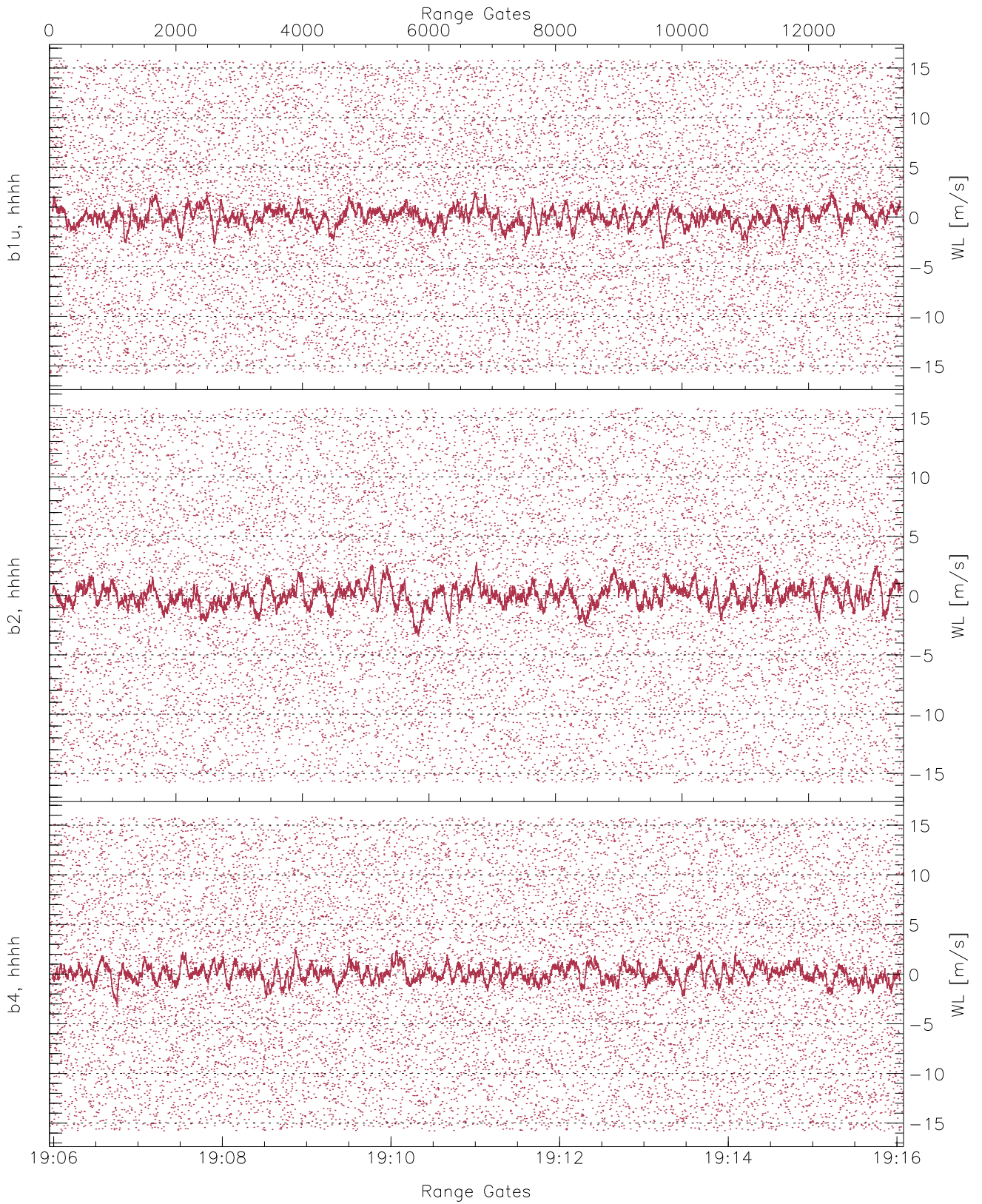
	Min	Max	Mean	Median	StDev
H1RG384_0 [dBm]	-65.88	-63.33	-64.46	-64.47	-75.82
V2RG334_0 [dBm]	-65.43	-63.11	-64.19	-64.20	-75.73
H2RG243_0 [dBm]	-65.39	-63.00	-64.07	-64.08	-75.60



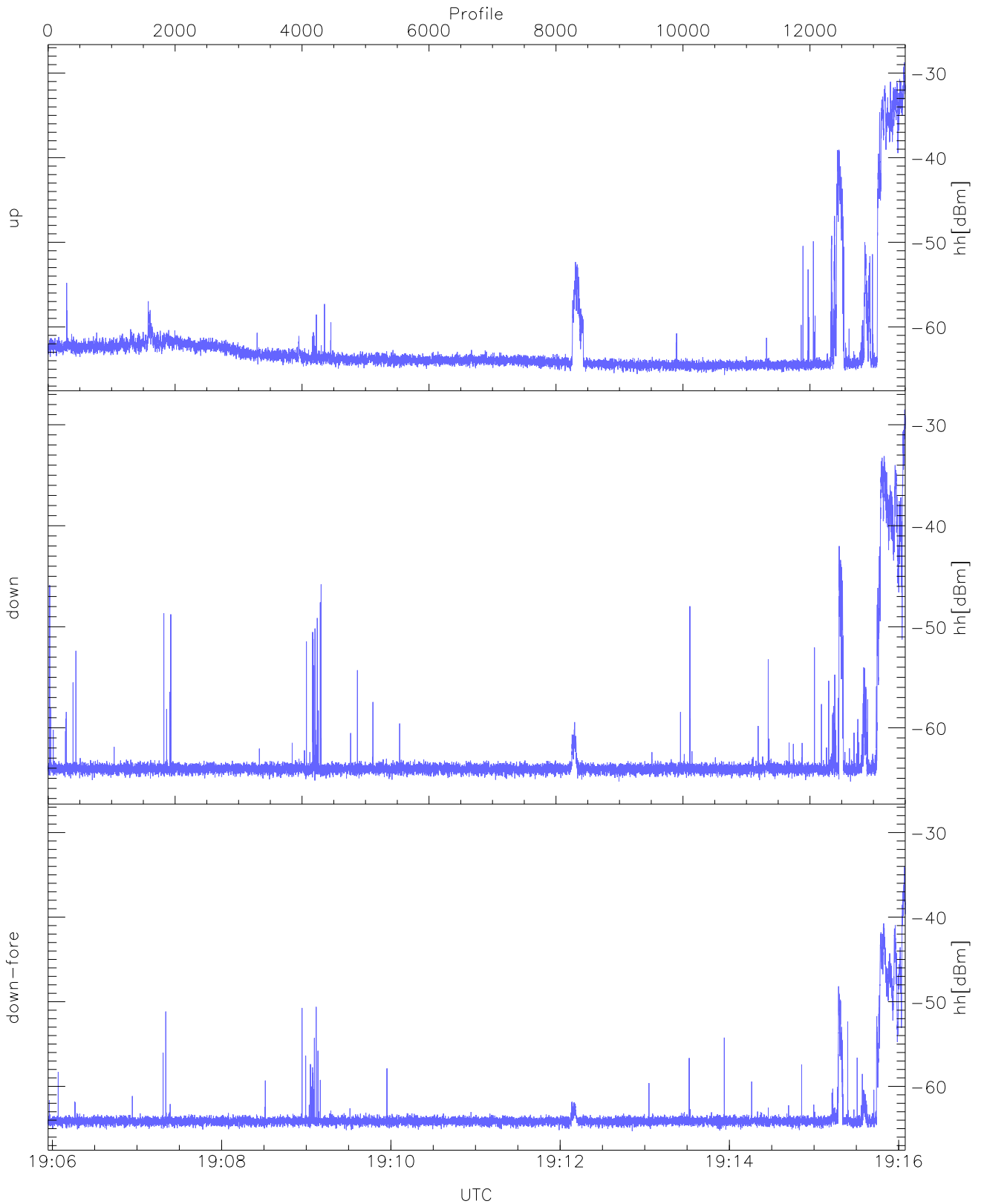
WCR3 CPP Averaged Received power for all recorded gates
blue: 190557-191101, 6752 profiles averaged
red: 191101-191605, 6751 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 190557-191101, 6752 profiles averaged
red: 191101-191605, 6751 profiles averaged

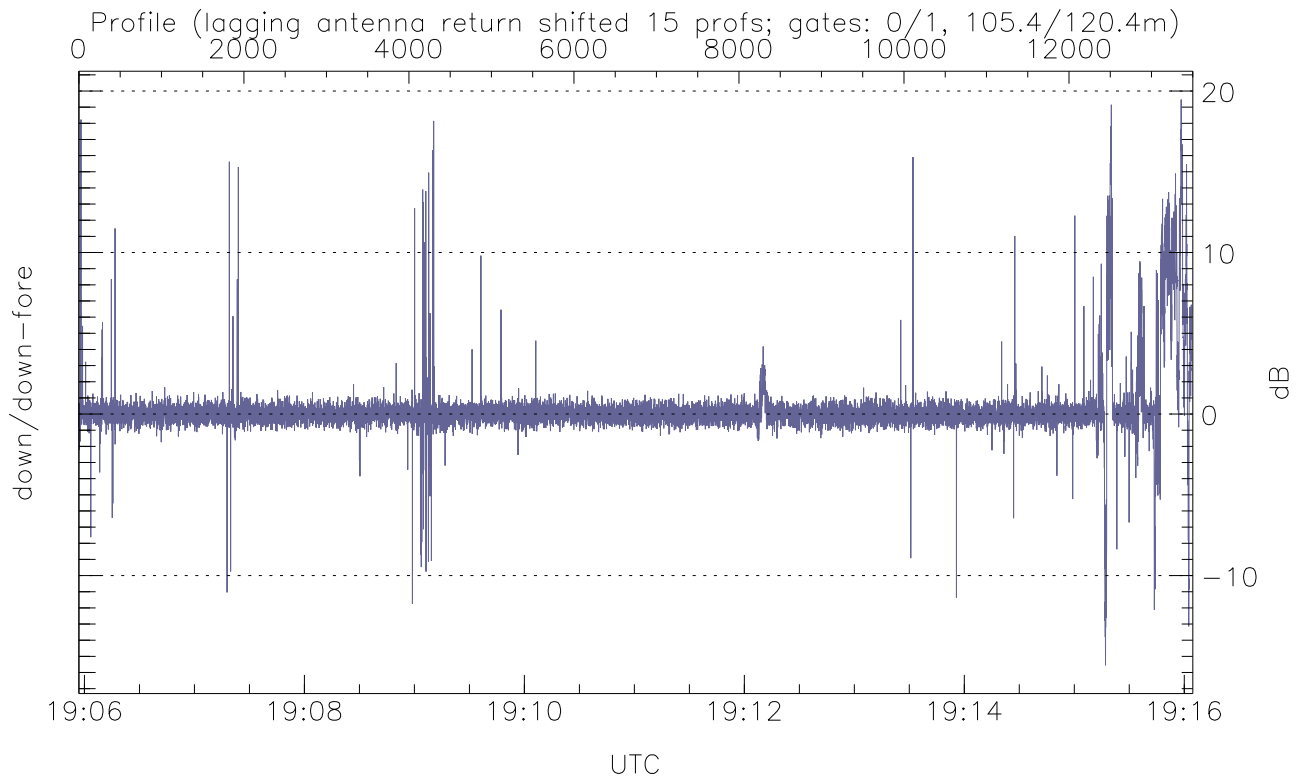
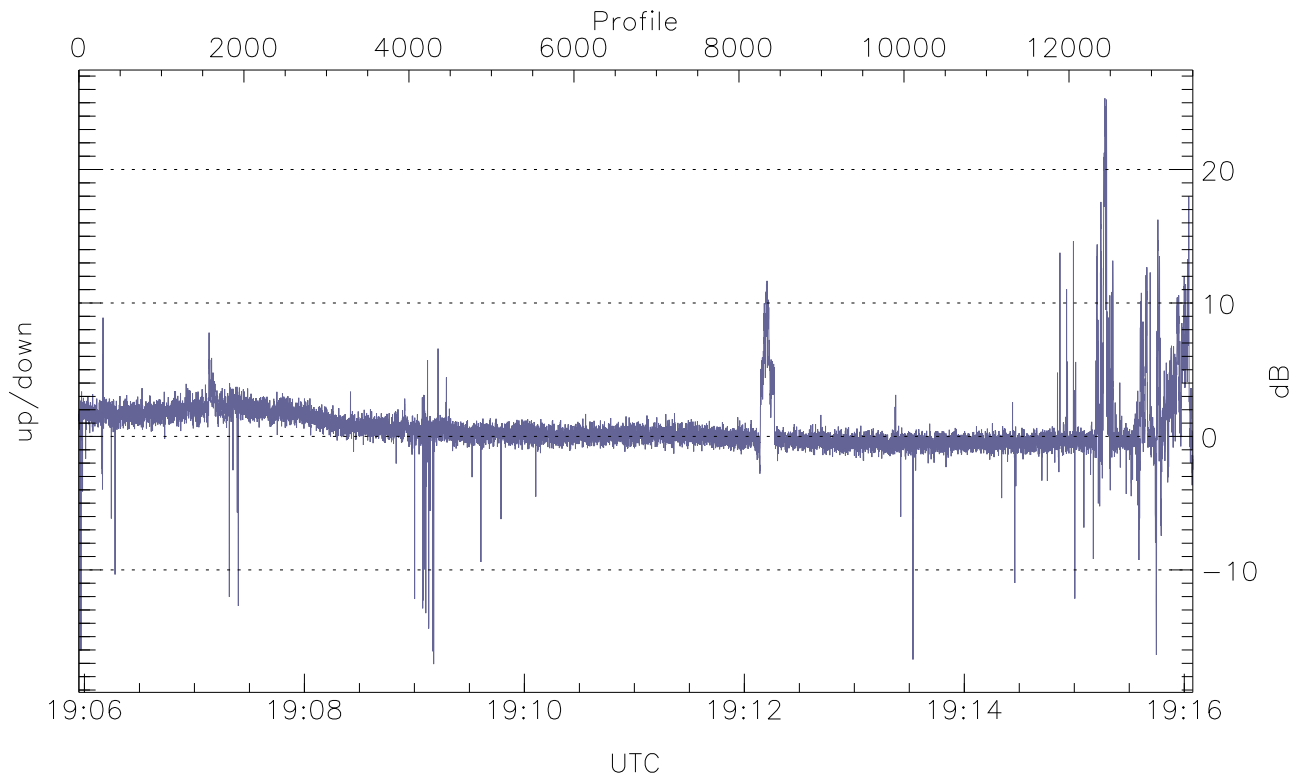


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



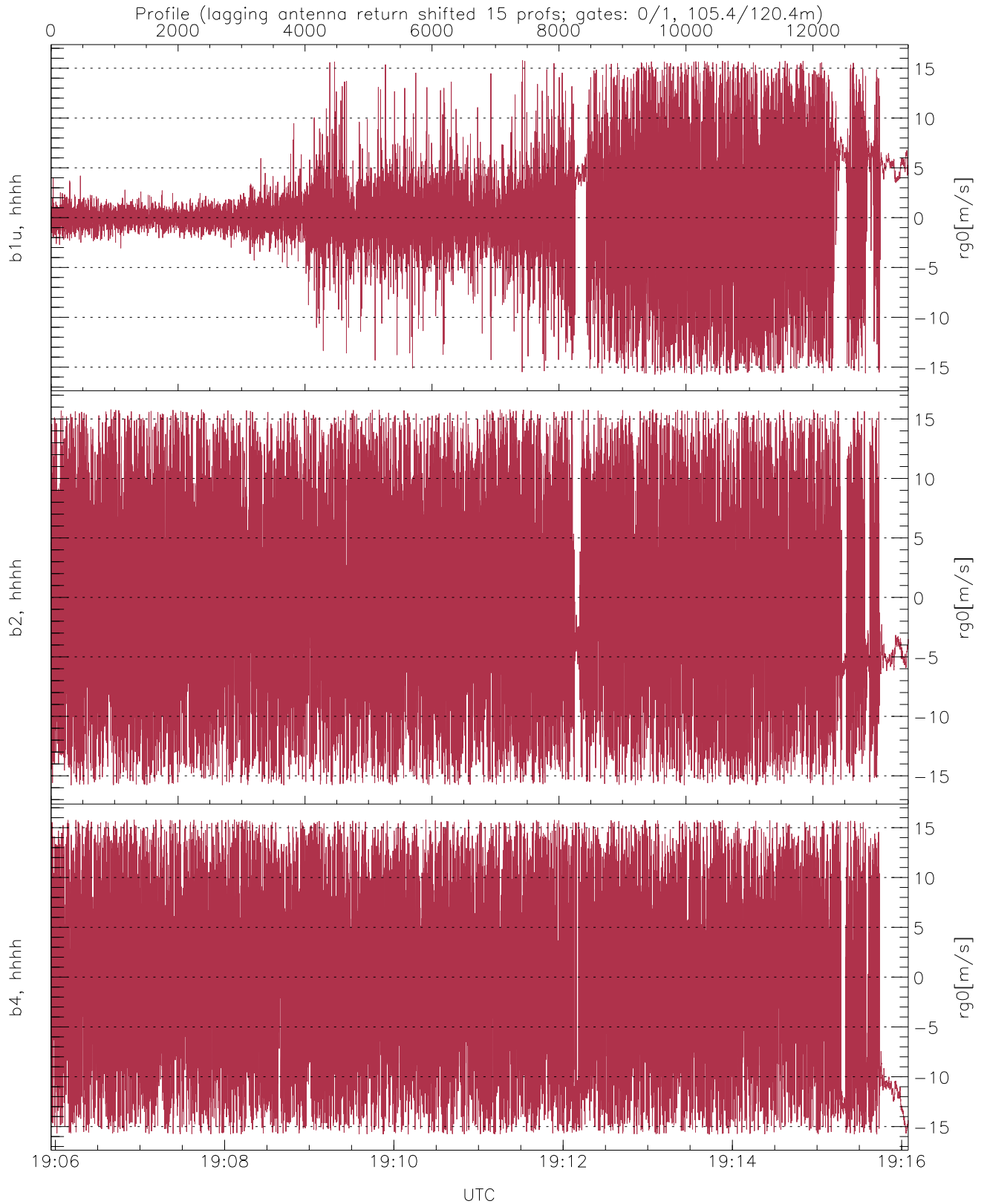
WCR3 CPP Received Power Products for Range gate 0 (105.4 m)

	Min	Max	Mean
up(hh[dBm])	-65.69	-28.73	-48.72
down(hh[dBm])	-65.33	-28.49	-51.48
down-fore(hh[dBm])	-65.29	-34.00	-57.39



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

	Min	Max	Mean
up/down (dB)	-17.06	25.34	0.71
down/down-fore (dB)	-15.55	19.47	0.28



WCR3 CPP Doppler Velocity Products at 105.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg0[m/s])	-15.75	15.79	0.38	5.15
b2, hhhh(rg0[m/s])	-15.79	15.79	-0.42	8.14
b4, hhhh(rg0[m/s])	-15.79	15.79	-0.79	8.58