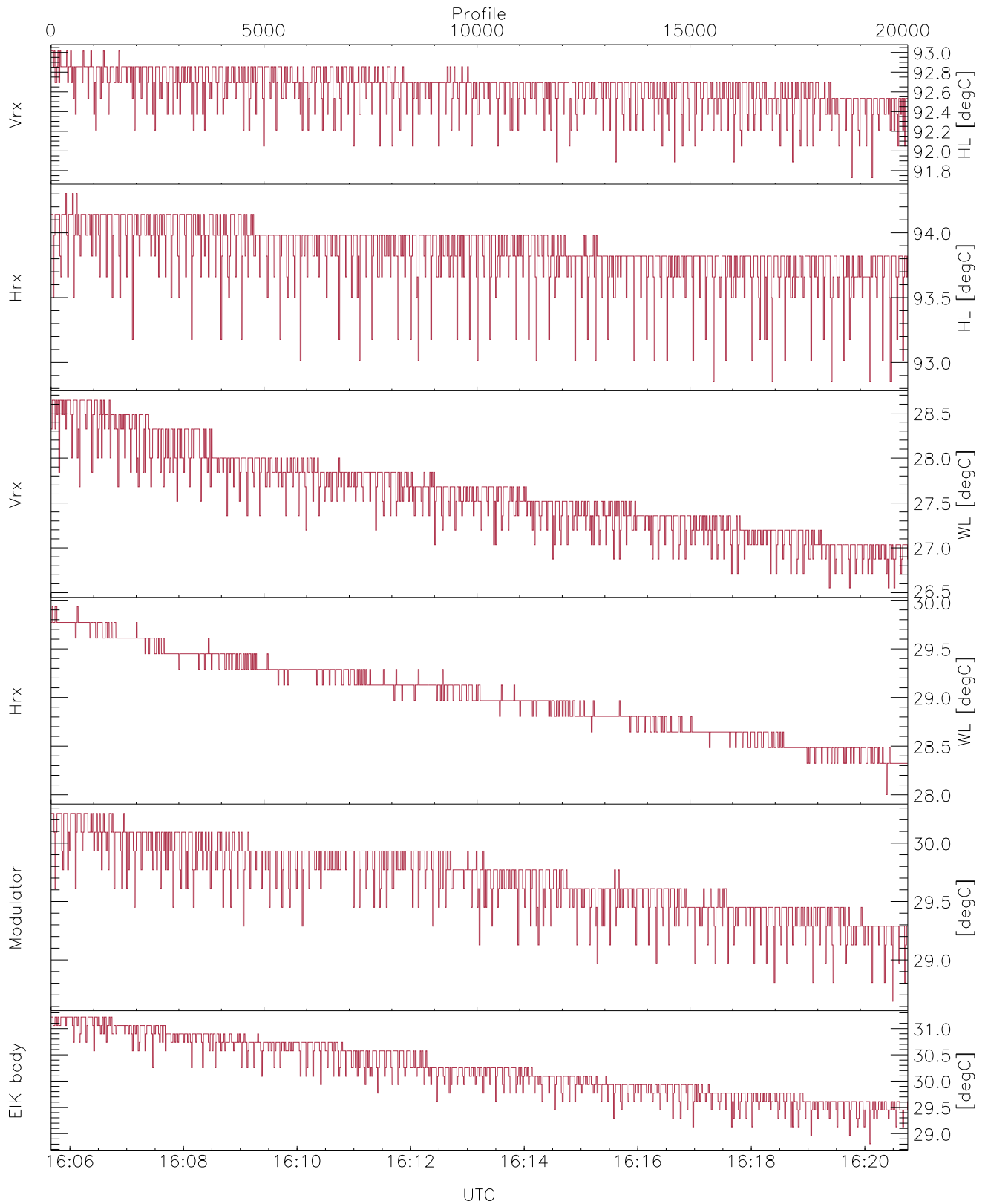


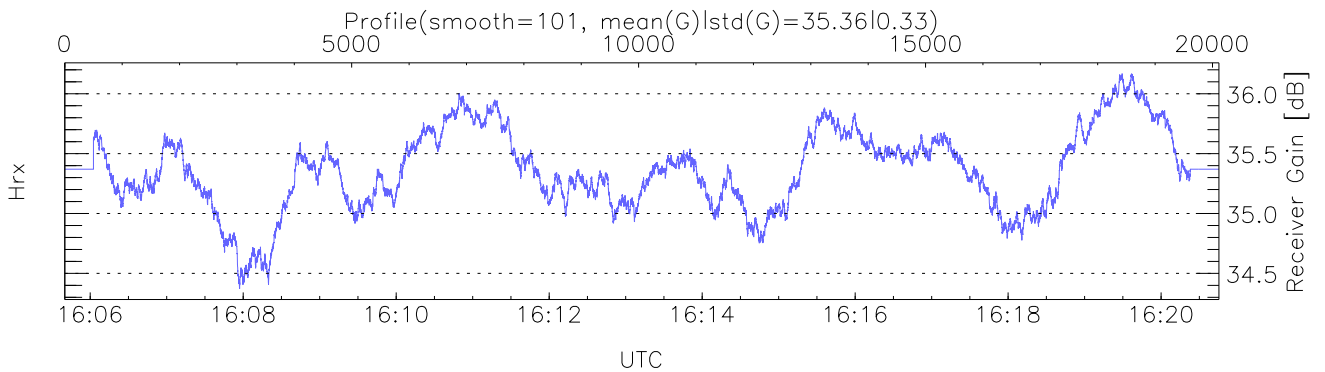
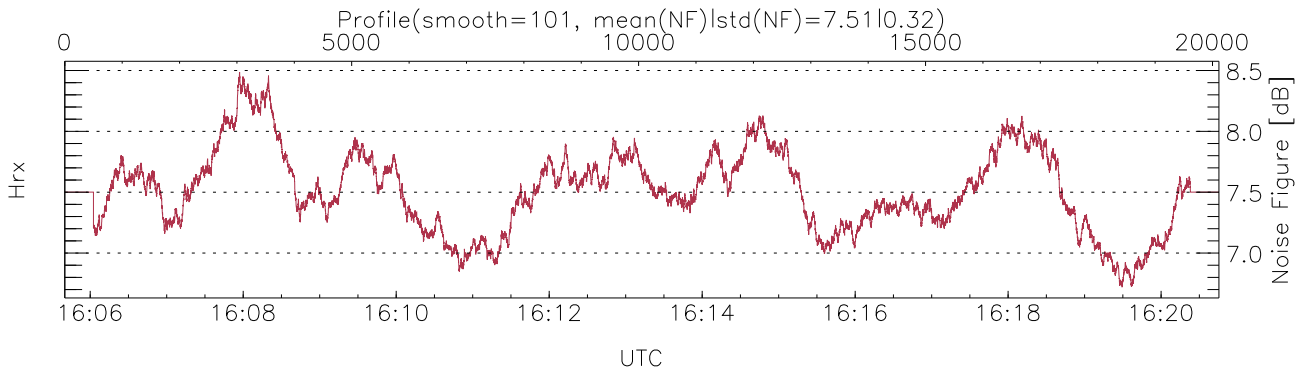
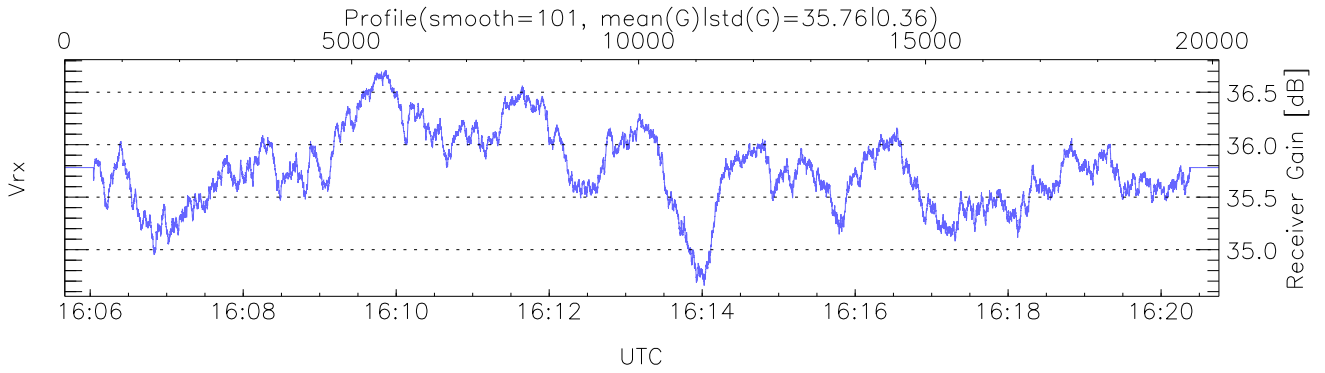
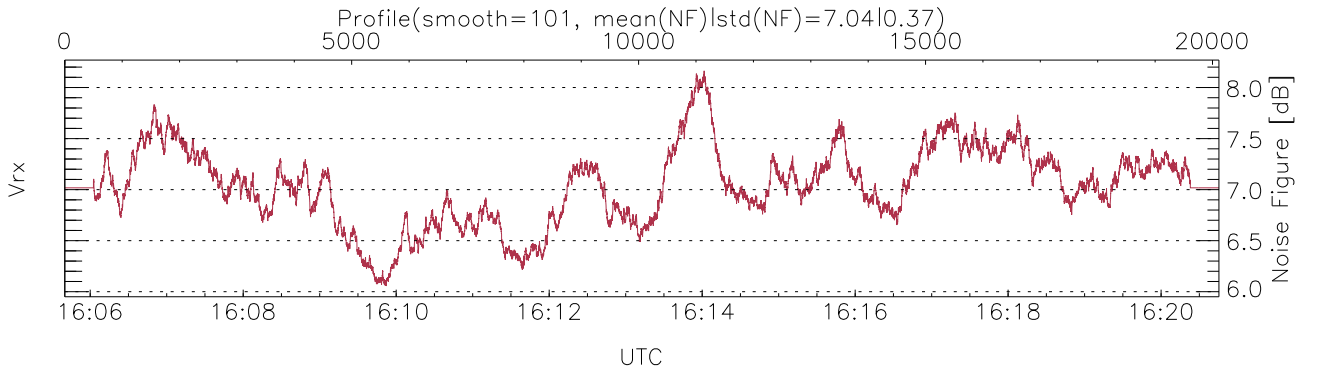
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 16:05:40-16:20:45, TimeCor: 0.00s, Dur: 905.31s
 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): 20114/20114, 0-20113/16:05:40-16:20:45
 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



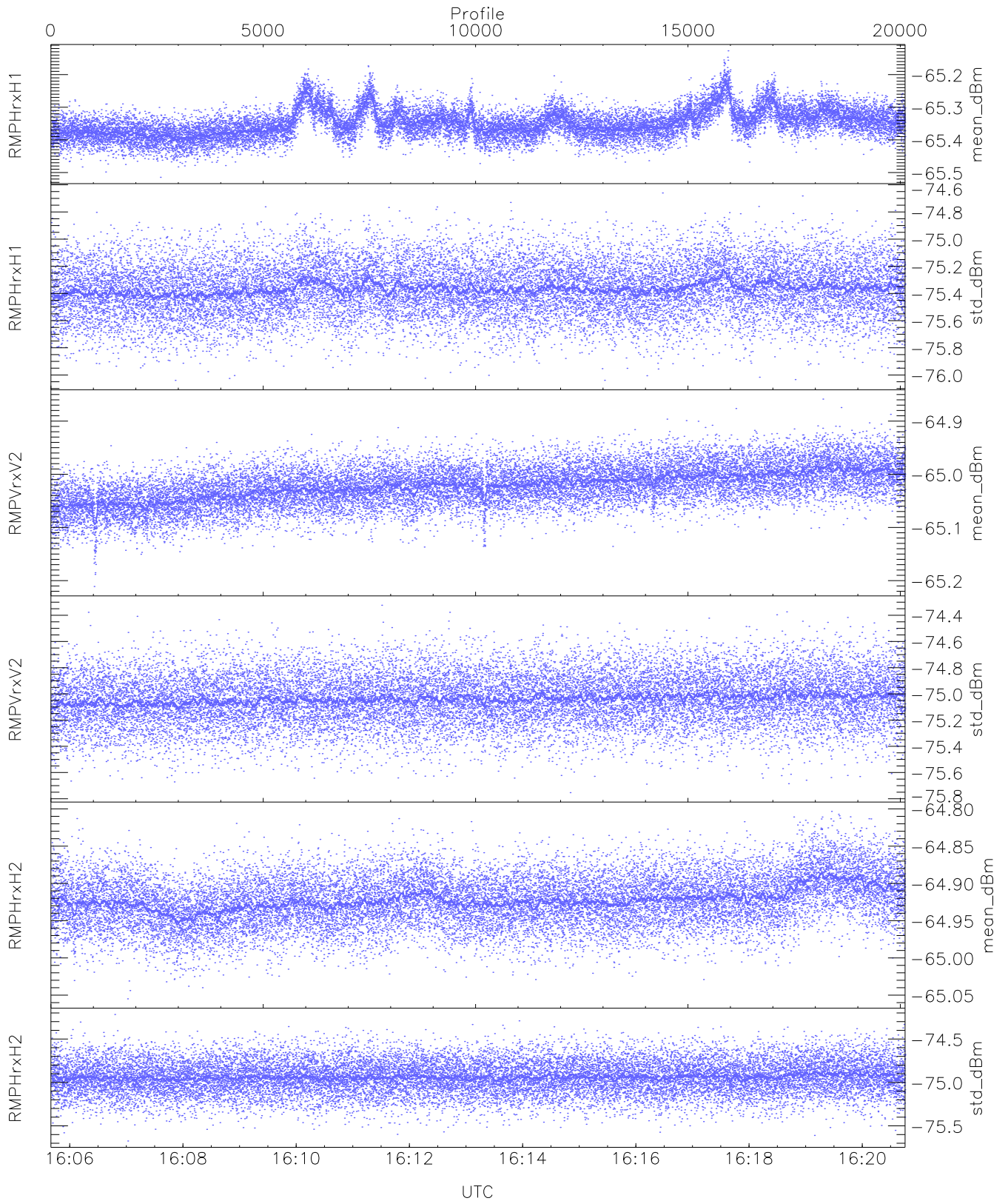
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,26,28,28,28`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,28,29,30,31`
`LOalarm(20,240,2817,14861 MHz): 0,0,22,0`
`EIK/Modulator Faults: None`



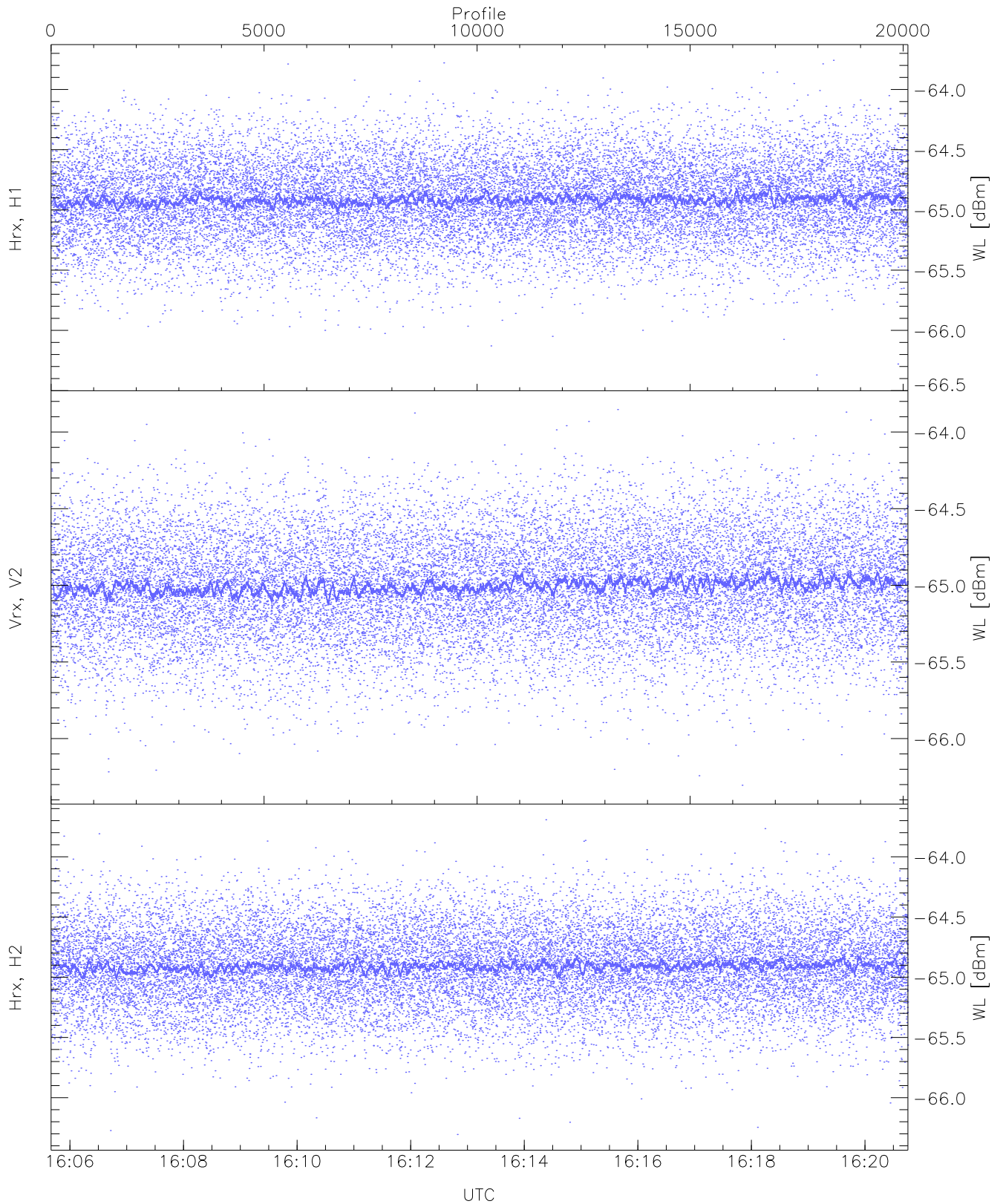
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 0 pixs, 0 gates, 0 profs, 0 prod(s)



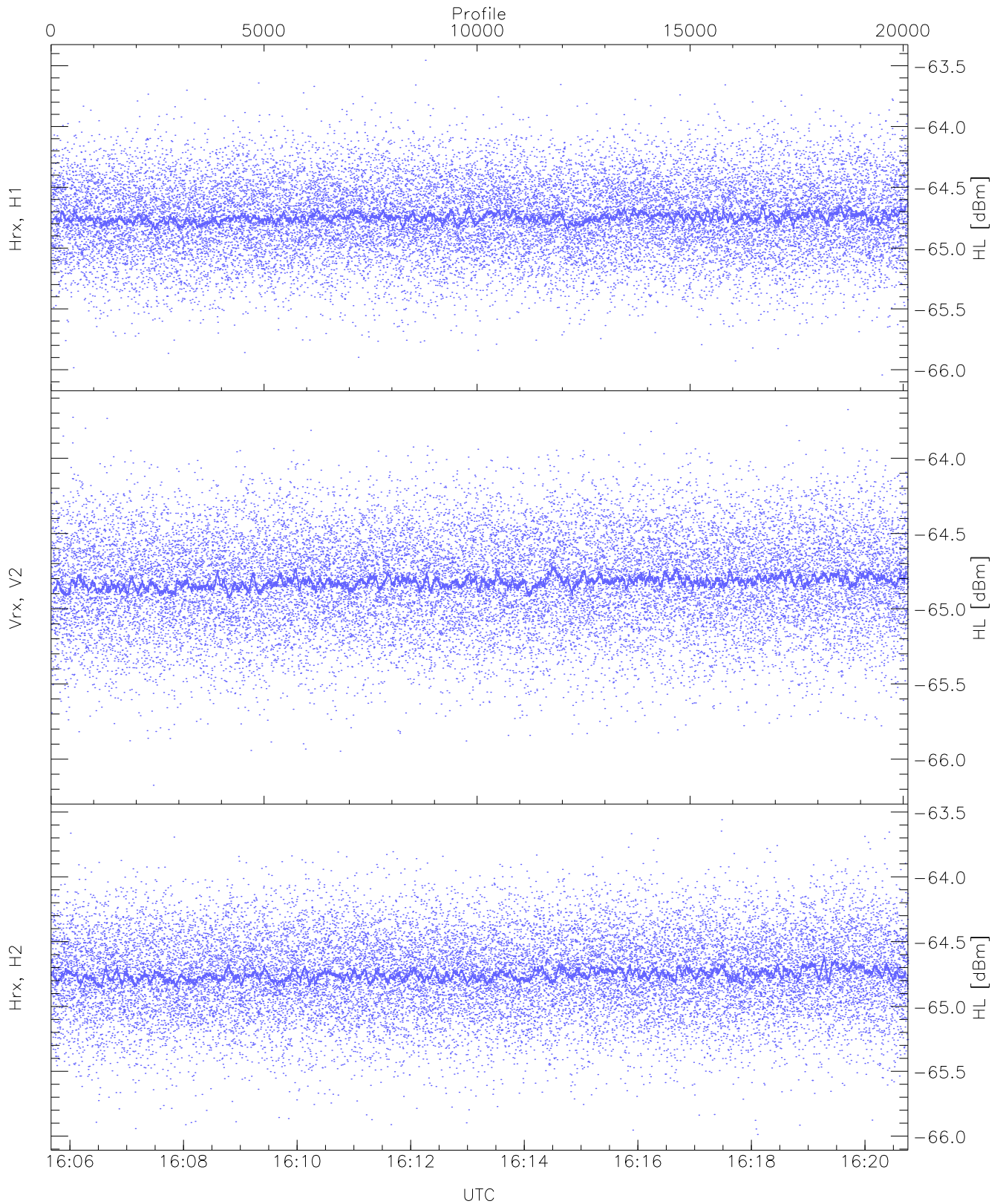
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.51	-65.13	-65.35	-65.35	-85.23
RMPHrxH1(std_dBm)	-76.04	-74.66	-75.36	-75.37	-89.10
RMPVrxV2(mean_dBm)	-65.21	-64.86	-65.02	-65.02	-85.71
RMPVrxV2(std_dBm)	-75.75	-74.32	-75.04	-75.04	-88.77
RMPHrxH2(mean_dBm)	-65.05	-64.80	-64.92	-64.92	-86.19
RMPHrxH2(std_dBm)	-75.67	-74.22	-74.94	-74.94	-88.70



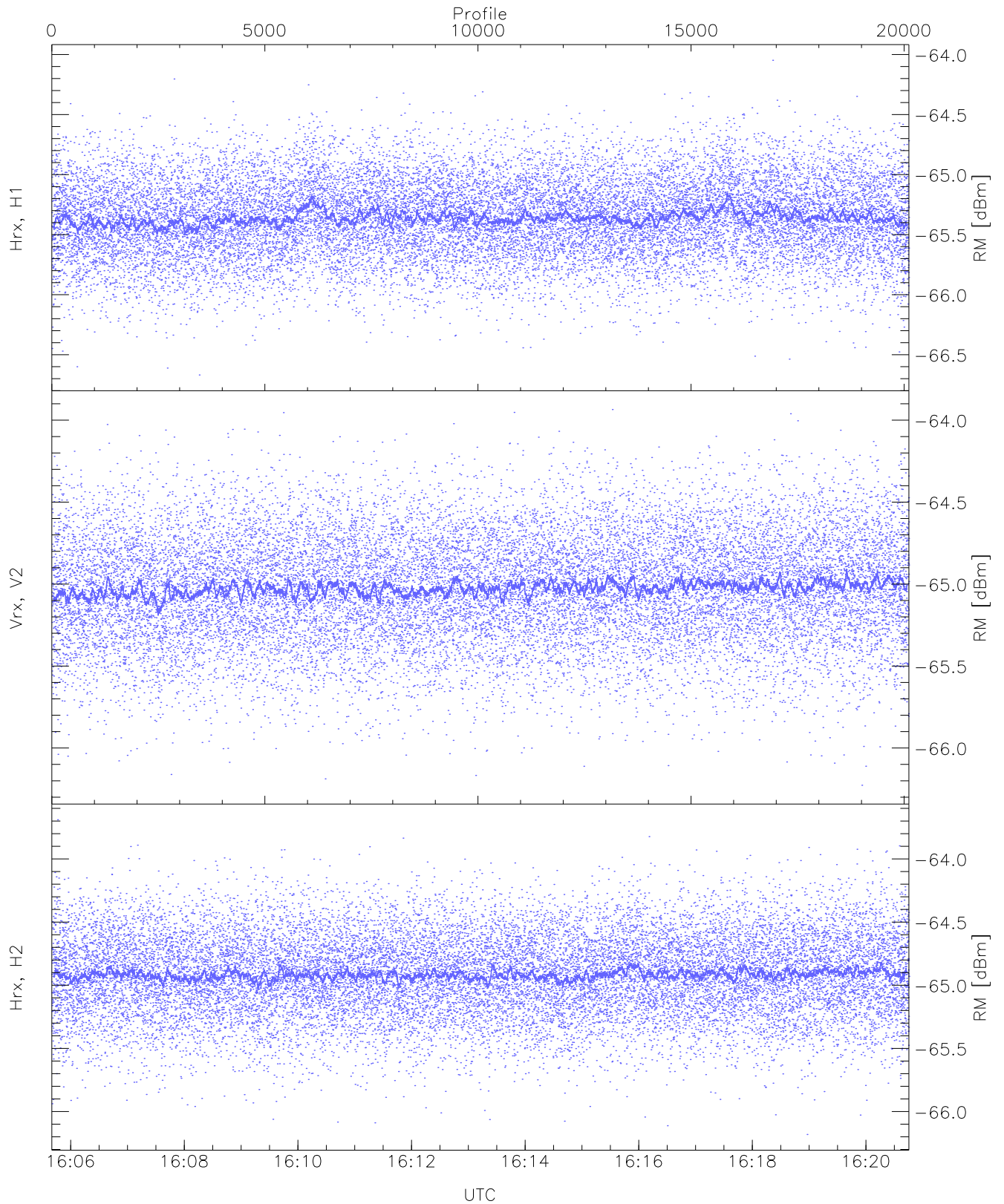
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.37	-63.76	-64.91	-64.91	-76.43
Vrx, V2(WL [dBm])	-66.30	-63.85	-65.00	-65.00	-76.48
Hrx, H2(WL [dBm])	-66.31	-63.69	-64.90	-64.91	-76.40



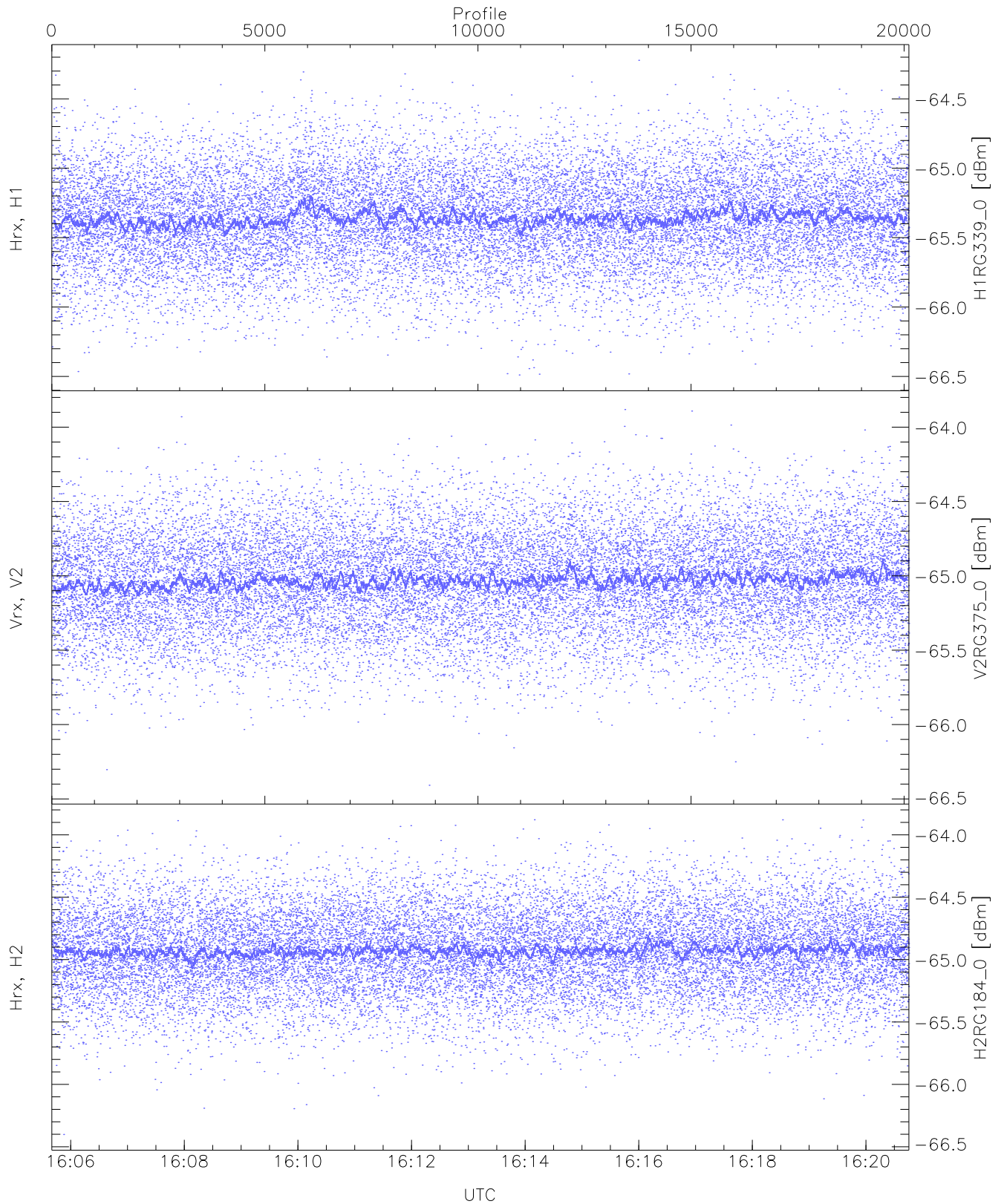
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.04	-63.46	-64.74	-64.75	-76.25
Vrx, V2 (HL [dBm])	-66.17	-63.68	-64.81	-64.82	-76.33
Hrx, H2 (HL [dBm])	-65.99	-63.56	-64.75	-64.75	-76.24



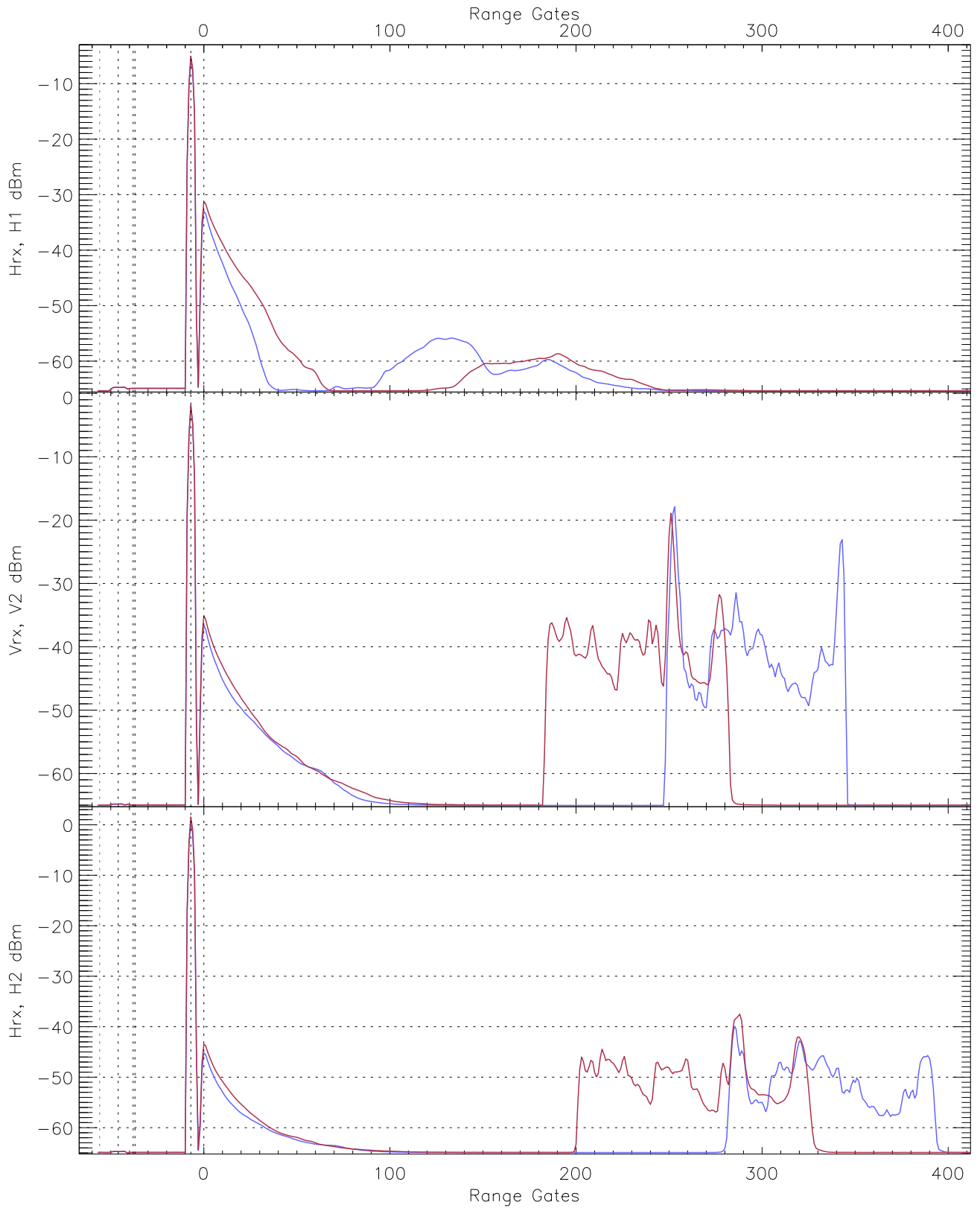
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.67	-64.05	-65.35	-65.36	-76.82
Vrx, V2 (RM [dBm])	-66.23	-63.94	-65.02	-65.03	-76.48
Hrx, H2 (RM [dBm])	-66.18	-63.69	-64.91	-64.92	-76.40

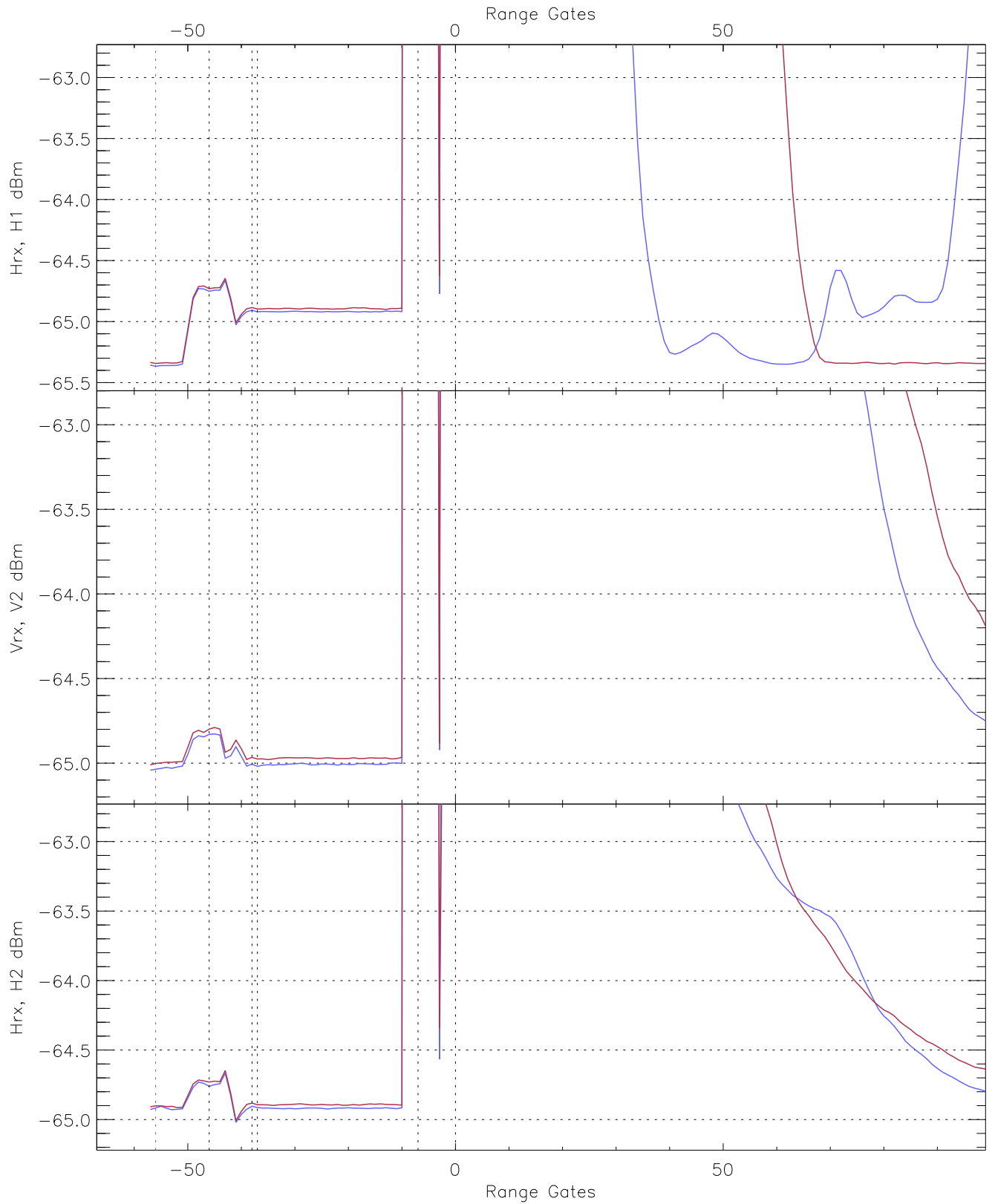


WCR3 CPP "Best" estimate Receivers Noise Power

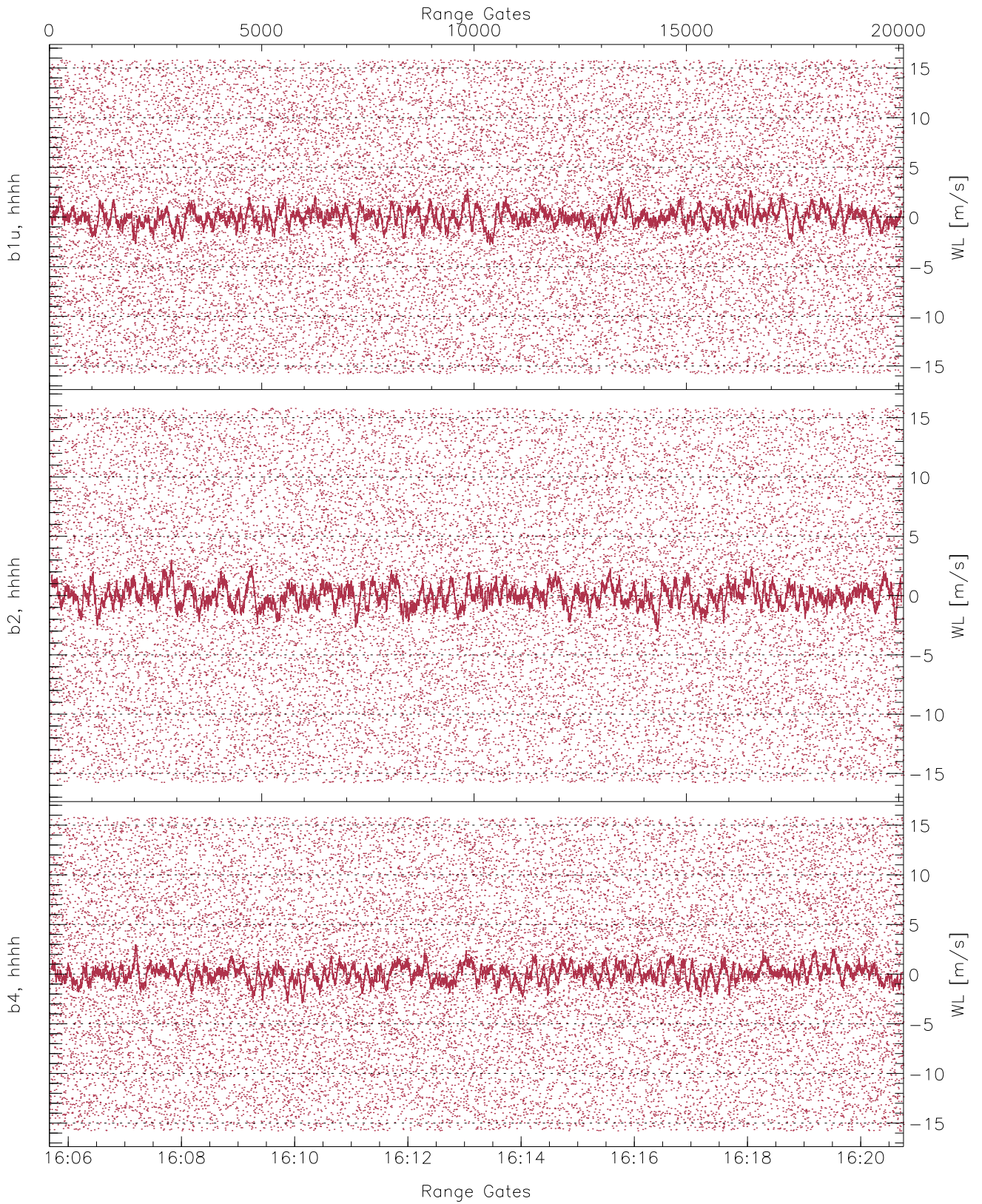
	Min	Max	Mean	Median	StDev
H1RG339_0 [dBm]	-66.49	-64.22	-65.35	-65.36	-76.84
V2RG375_0 [dBm]	-66.41	-63.88	-65.03	-65.03	-76.54
H2RG184_0 [dBm]	-66.40	-63.88	-64.92	-64.93	-76.41



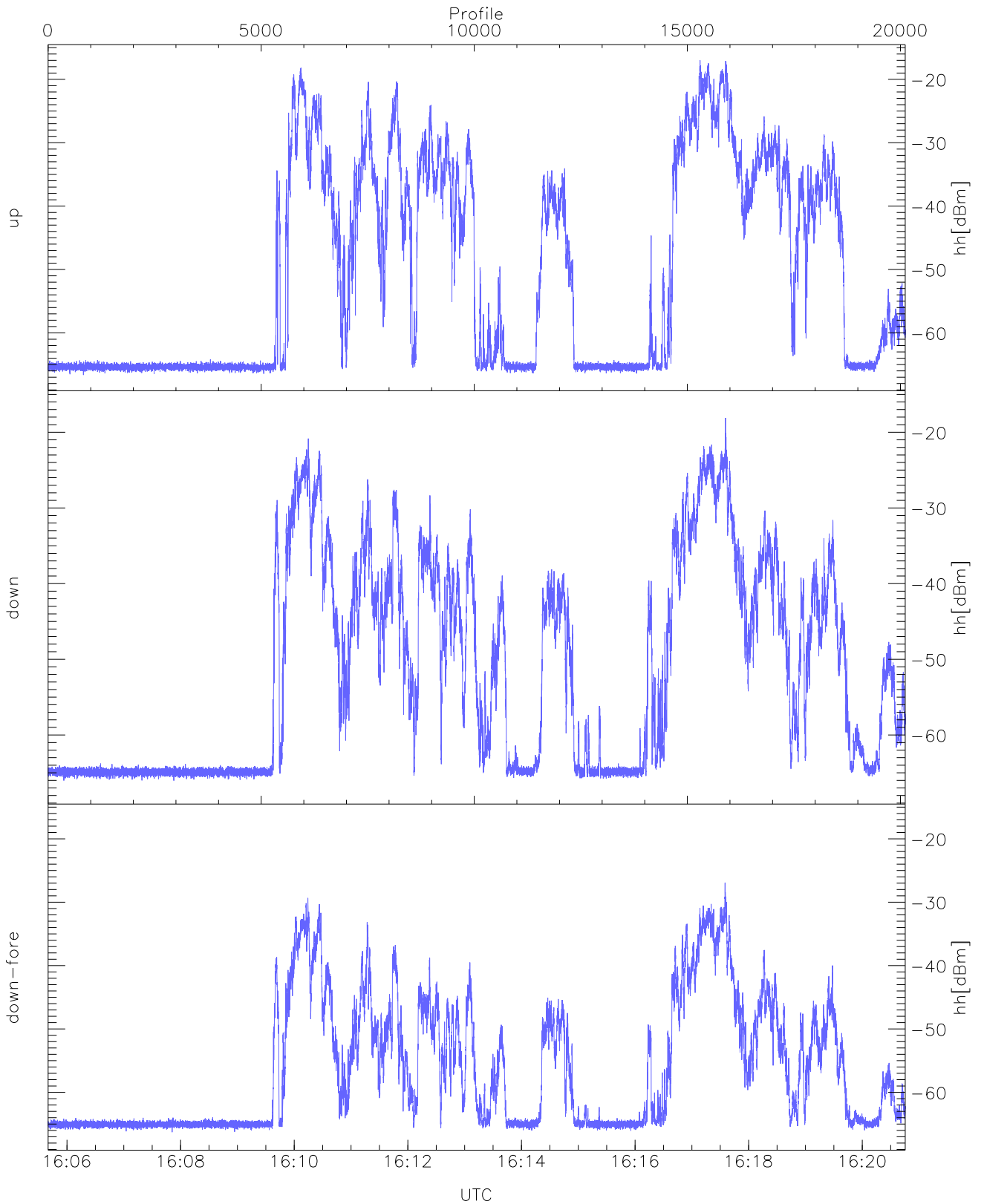
WCR3 CPP Averaged Received power for all recorded gates
blue: 160540-161313, 10058 profiles averaged
red: 161313-162045, 10057 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 160540-161313, 10058 profiles averaged
red: 161313-162045, 10057 profiles averaged

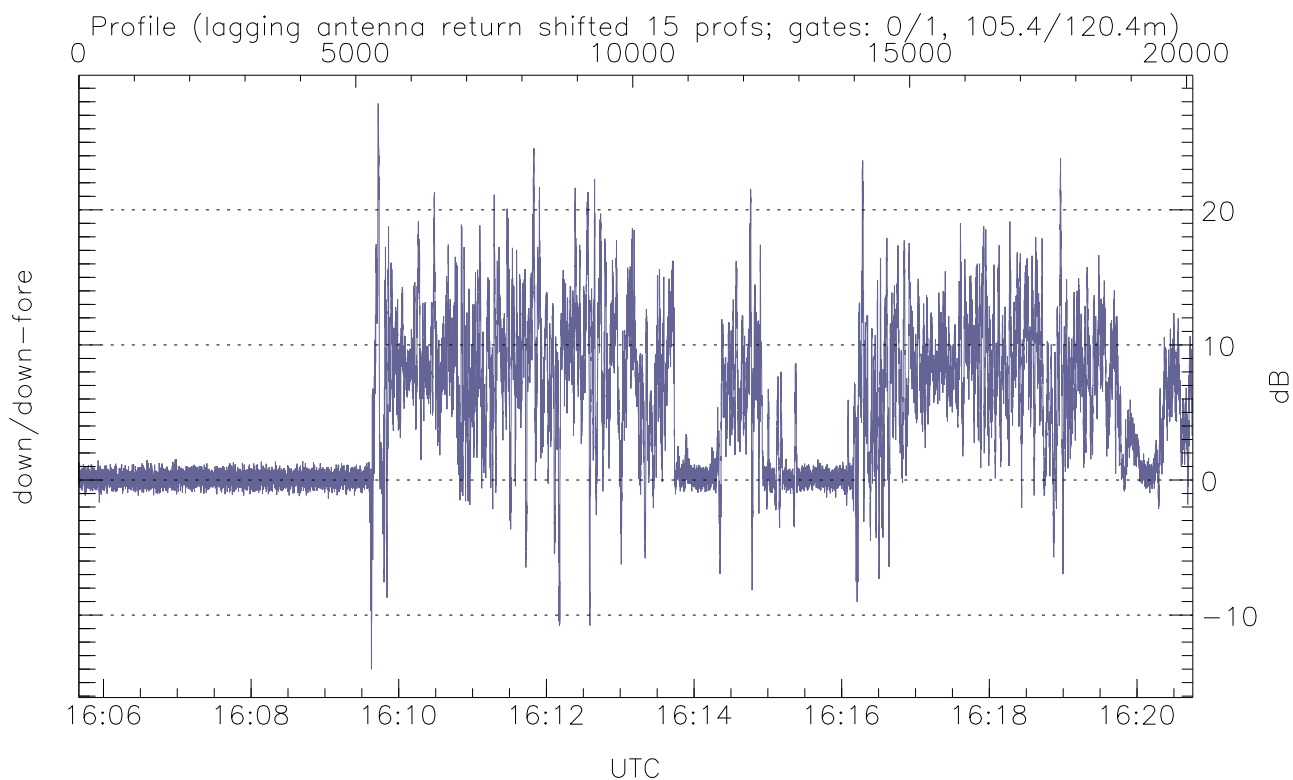
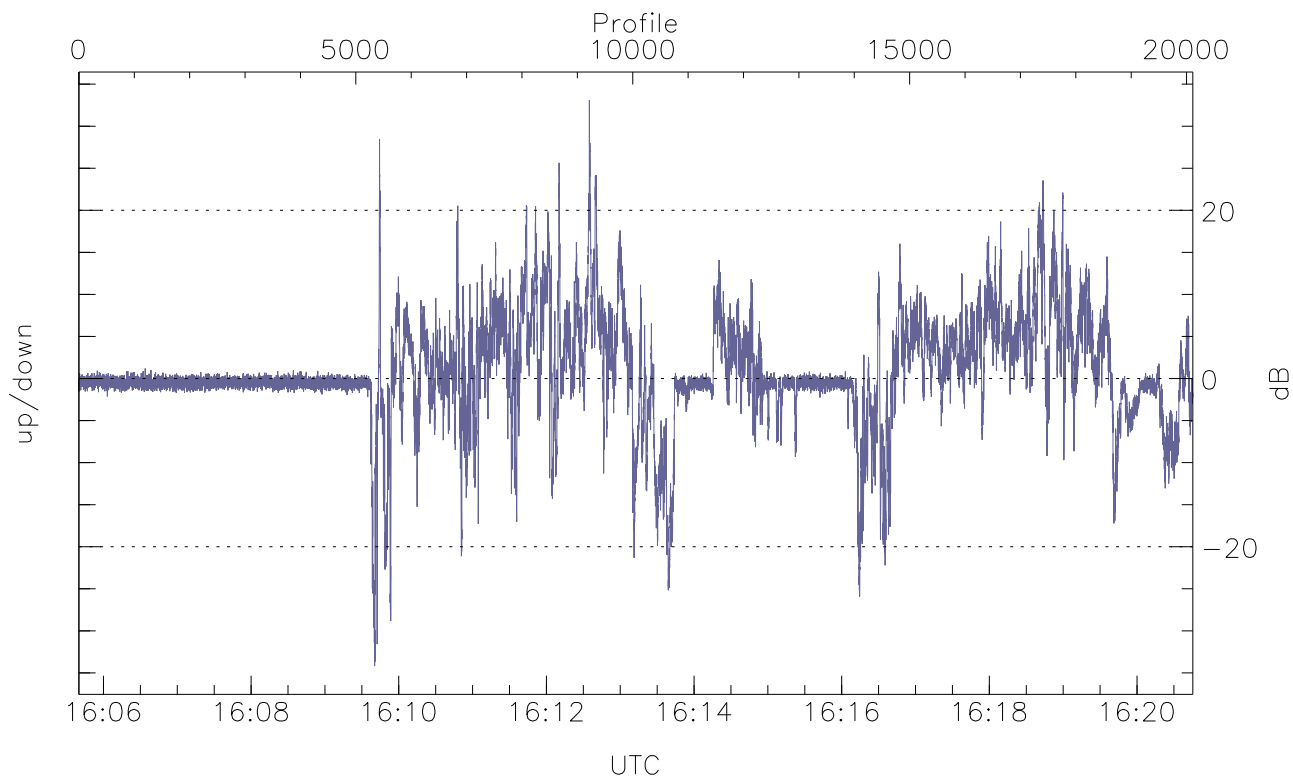


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



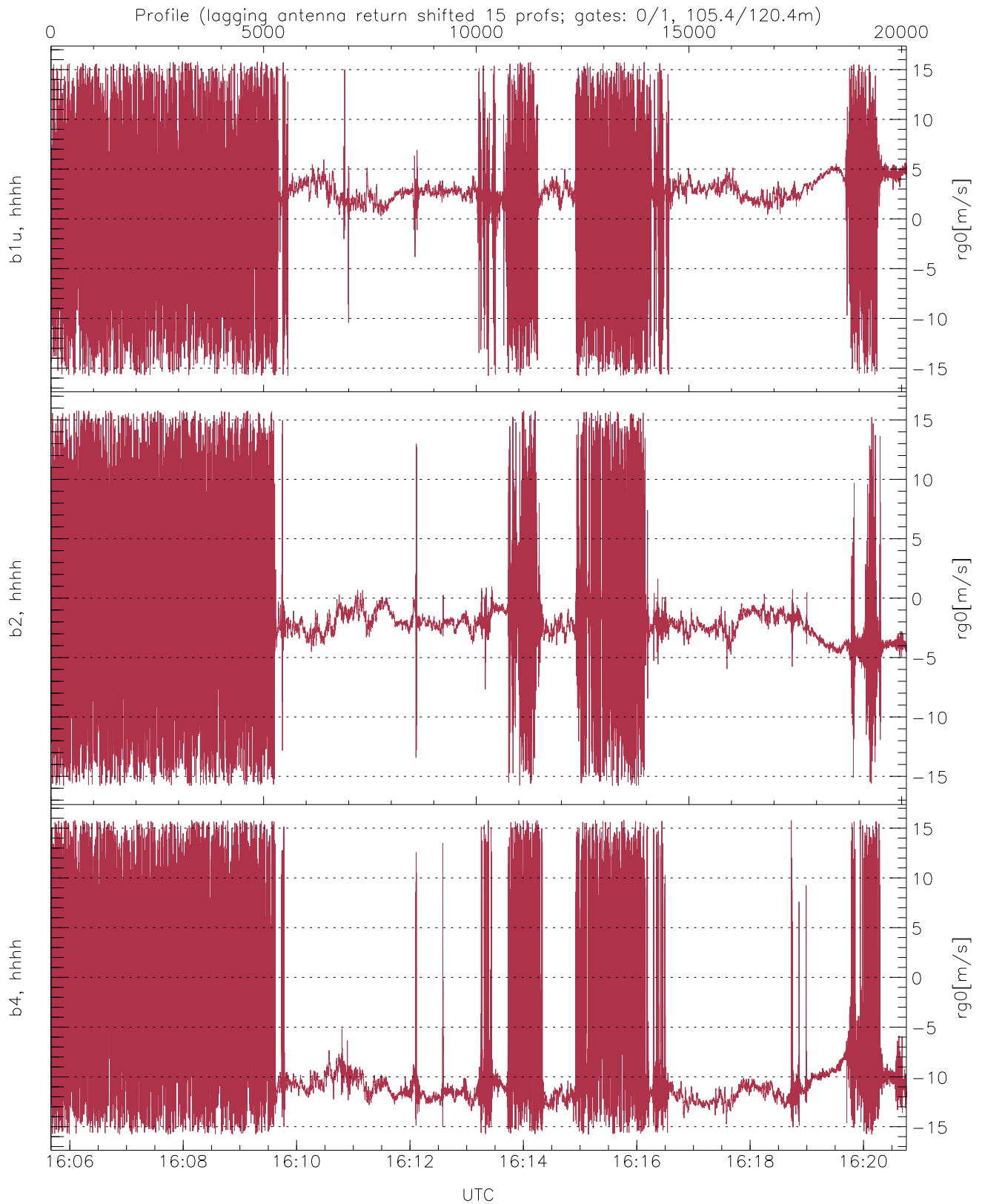
WCR3 CPP Received Power Products for Range gate 0 (105.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.65	-17.00	-32.05
down(hh[dBm])	-66.04	-18.10	-35.80
down-fore(hh[dBm])	-66.28	-26.92	-44.24



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

	Min	Max	Mean
up/down (dB)	-34.19	33.08	0.77
down/down-fore (dB)	-14.01	27.87	4.79



WCR3 CPP Doppler Velocity Products at 105.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg0[m/s])	-15.77	15.79	1.60	5.47
b2, hhhh(rg0[m/s])	-15.78	15.78	-1.42	5.38
b4, hhhh(rg0[m/s])	-15.78	15.79	-6.65	7.86