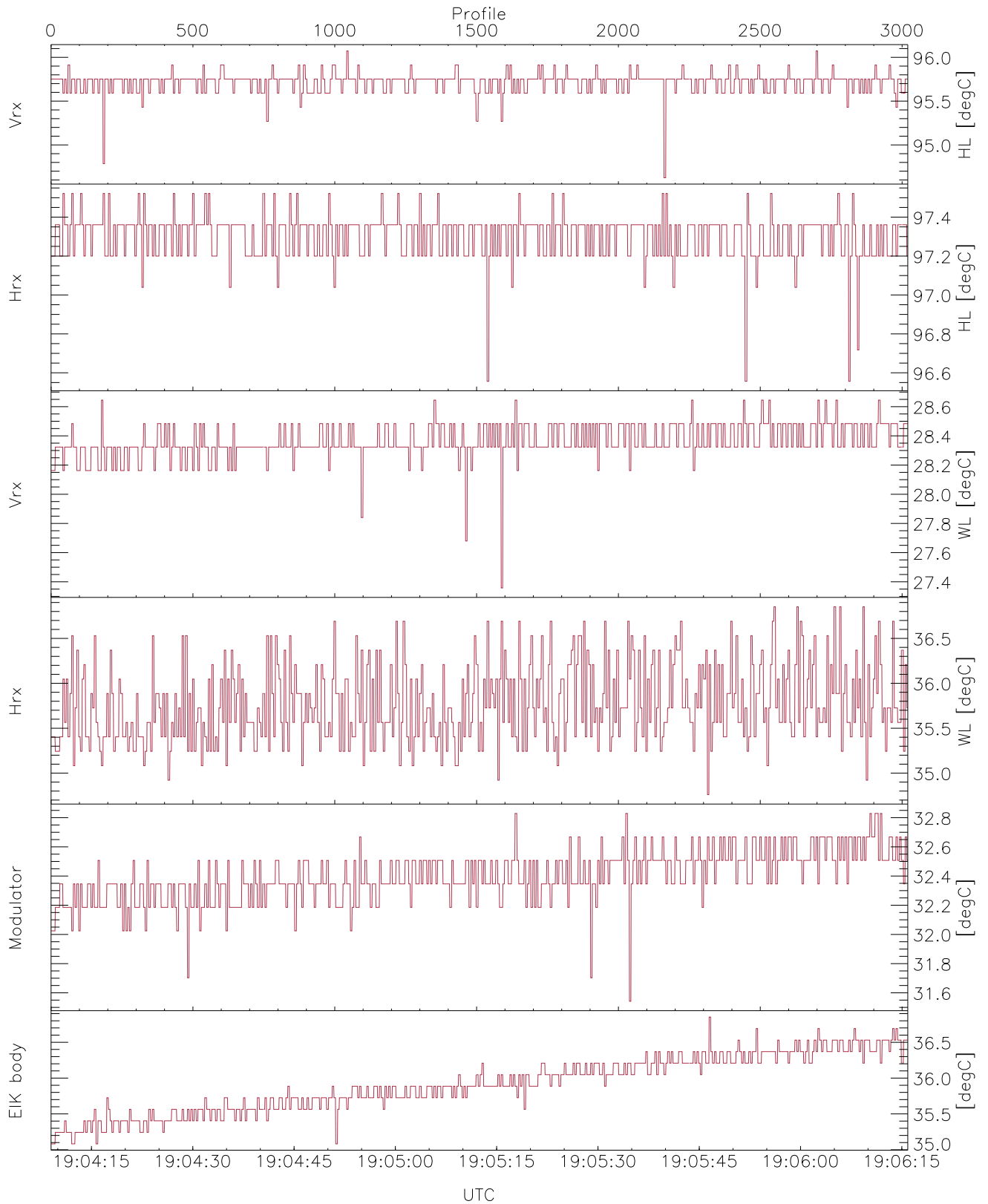


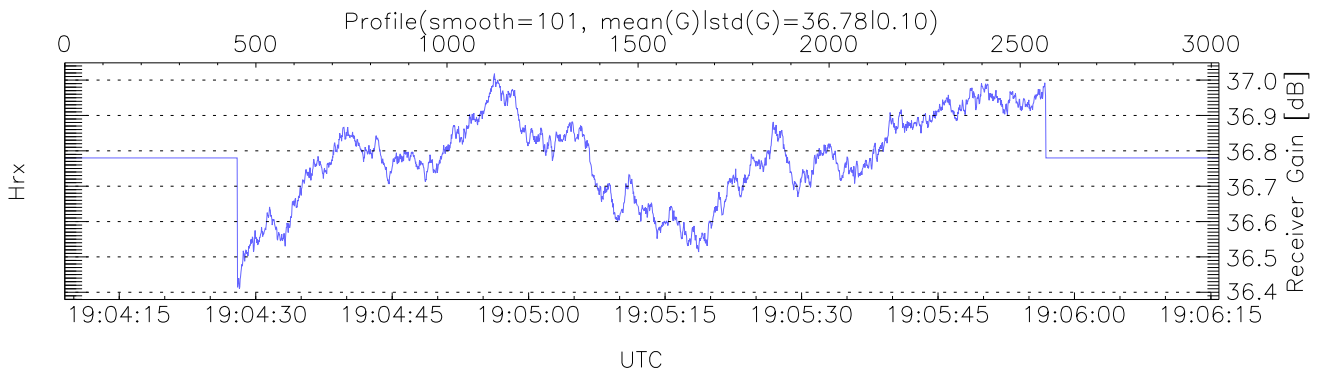
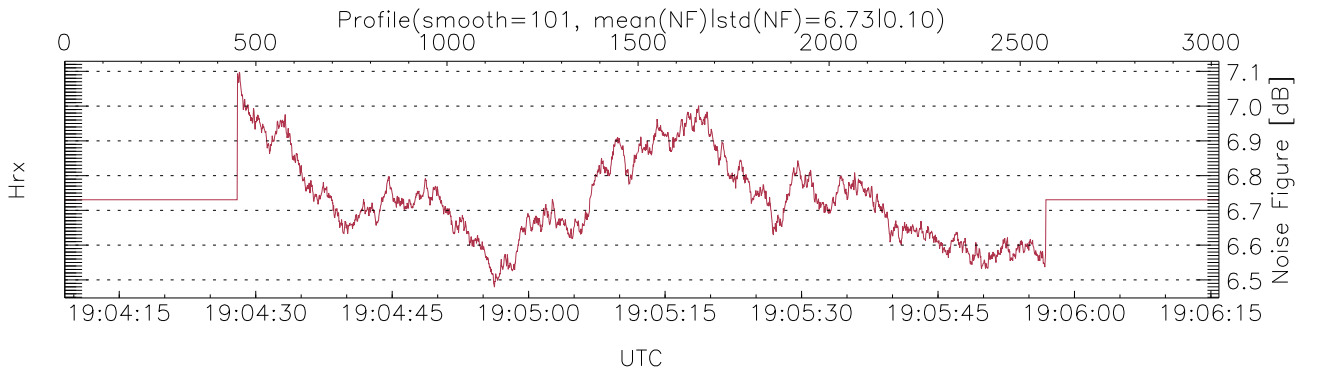
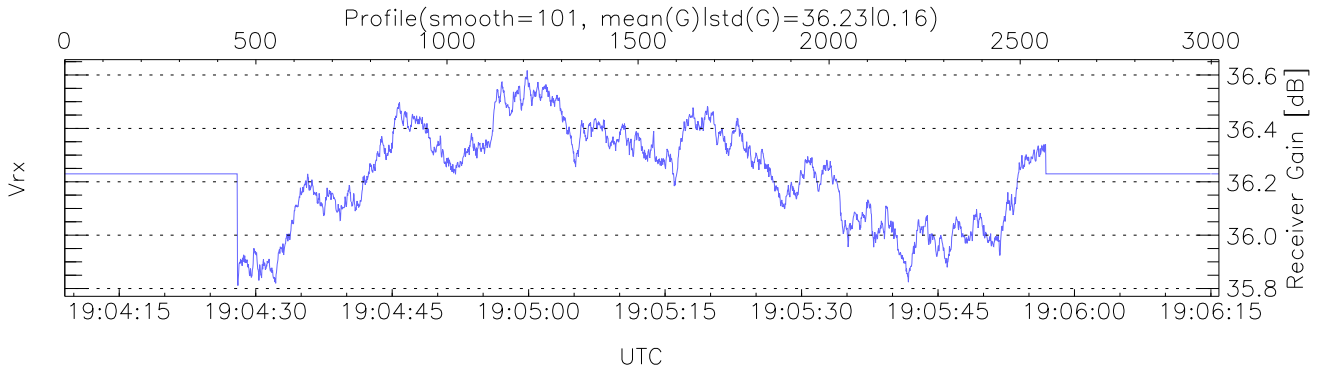
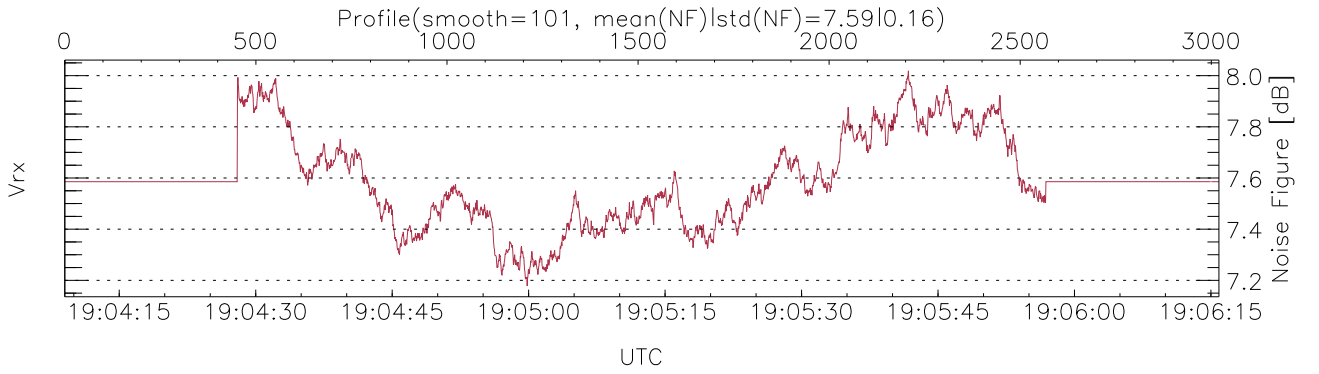
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

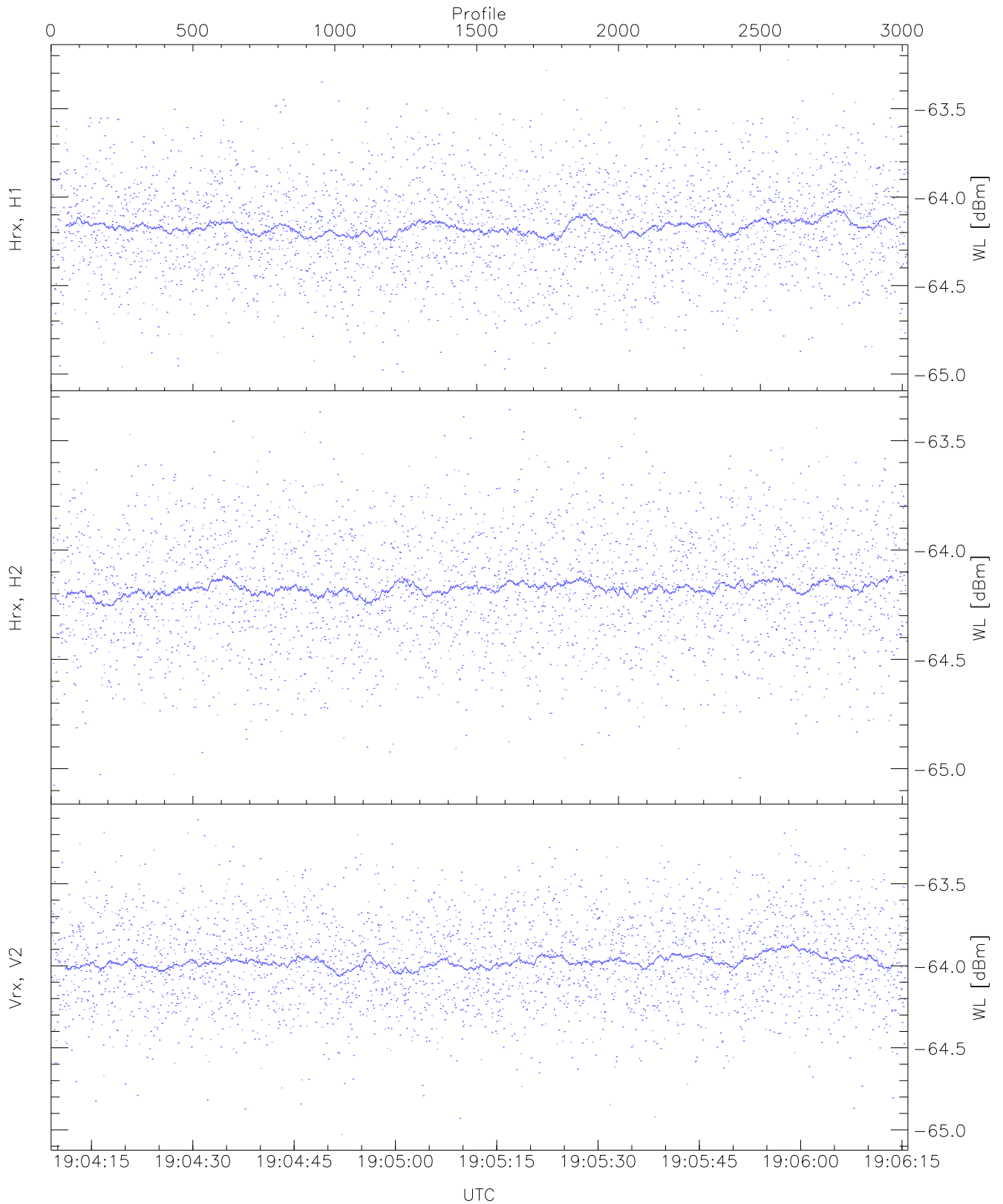
UTC: 19:04:09-19:06:16, Dur: 126.87s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 42.0,42.0,42.0,0.0 ms / 24,24,24
 NumRec(r/t): 3021/3021, 0-3020/19:04:09-19:06:16
 AcqTime: 42.0ms, Rate: 210KB/s, Averages: 140
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us
 Range(min,max,rqs): 105,3183,15.0 m, Gates: 206, Aspect: 4.0
 Mirror(-9|0|1|2,3,9x)=no mirror|sidelup|error): 0



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

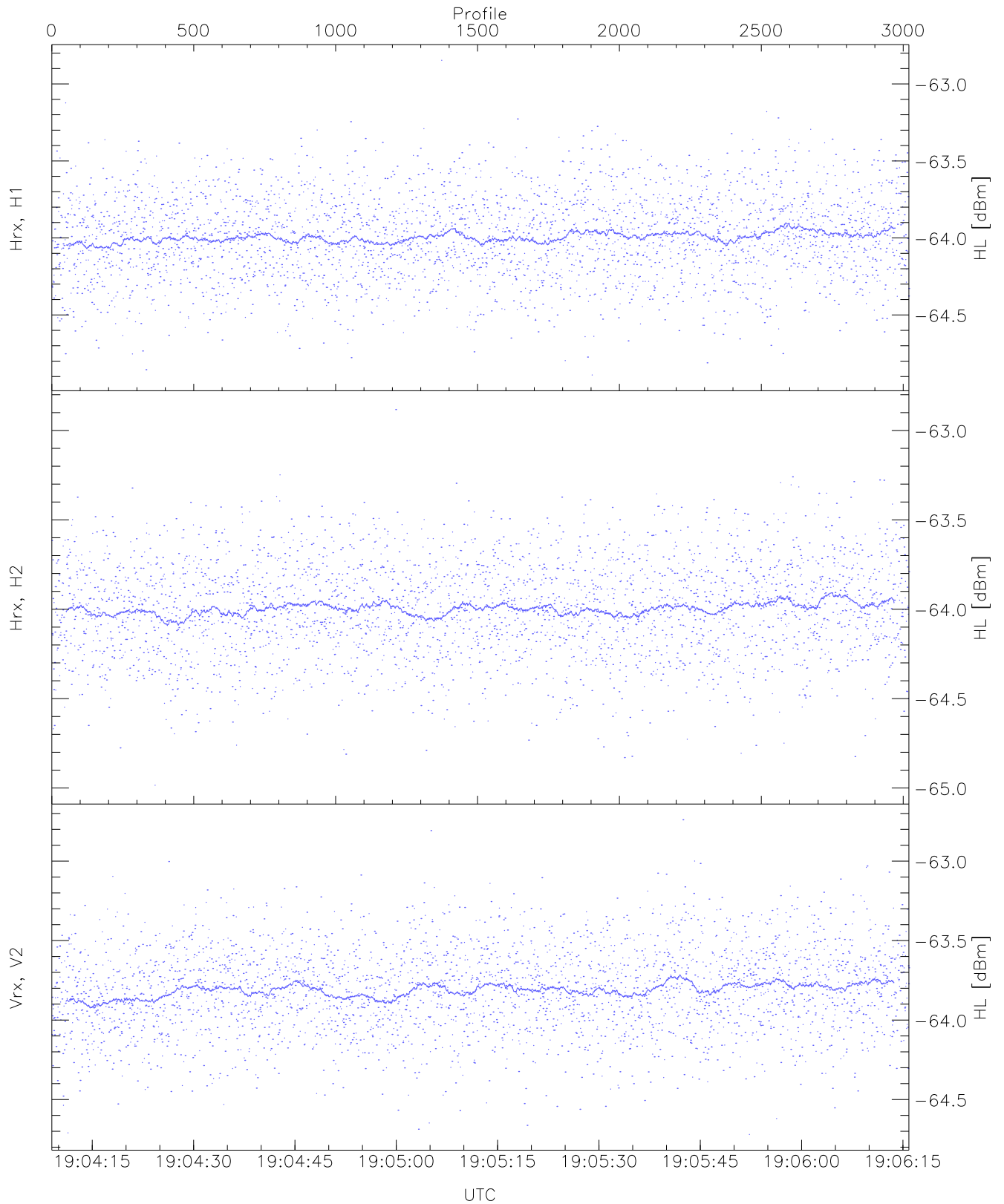
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,27,34,31,35
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 96,97,28,36,32,36
 LOalarm(20,80,240,2.8,14.8 MHz): None
 EIK/Modulator Faults: None





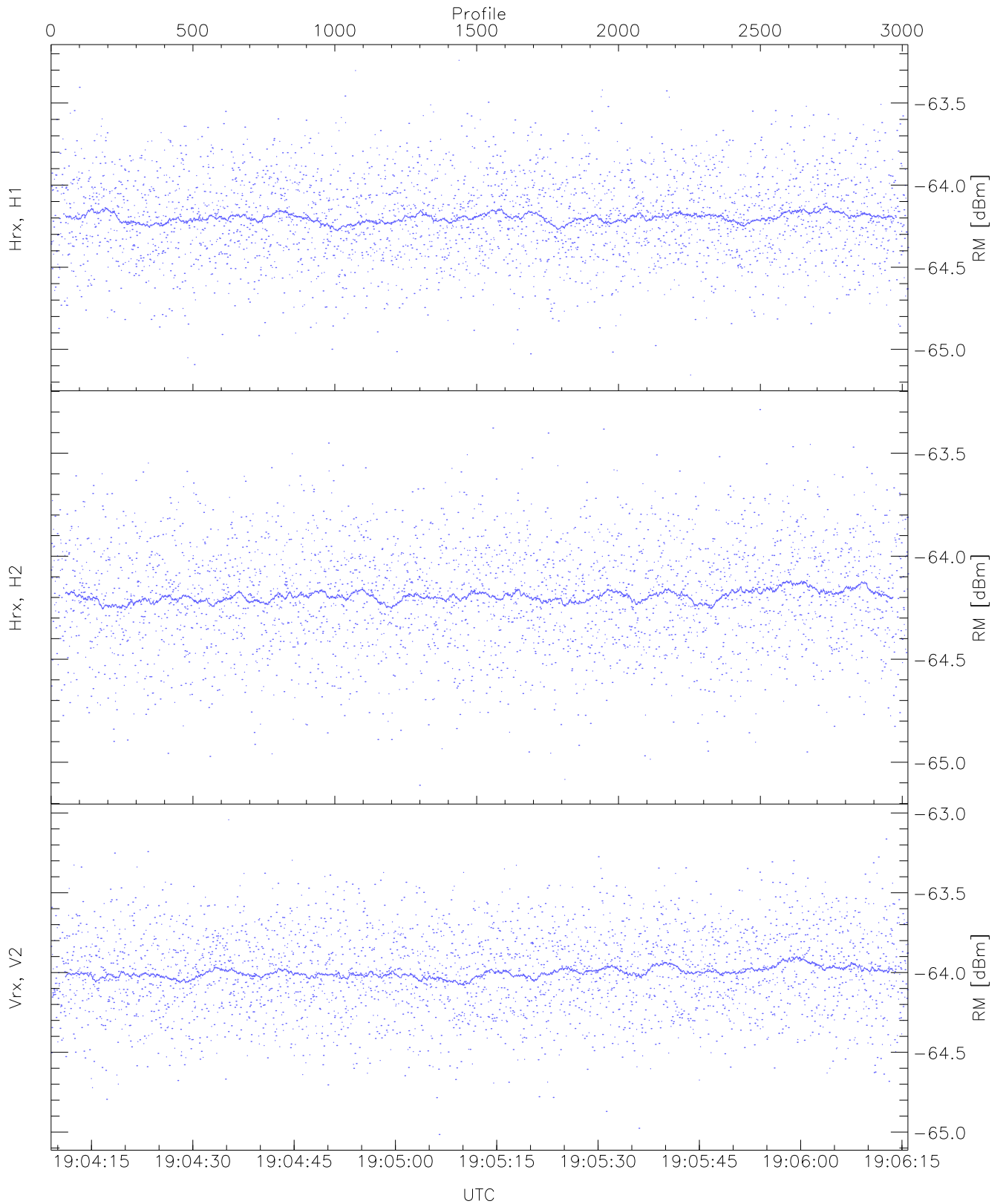
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.01	-63.23	-64.16	-64.17	-76.19
Hrx, H2 (WL [dBm])	-65.08	-63.36	-64.17	-64.18	-76.32
Vrx, V2 (WL [dBm])	-65.03	-63.11	-63.97	-63.98	-76.01



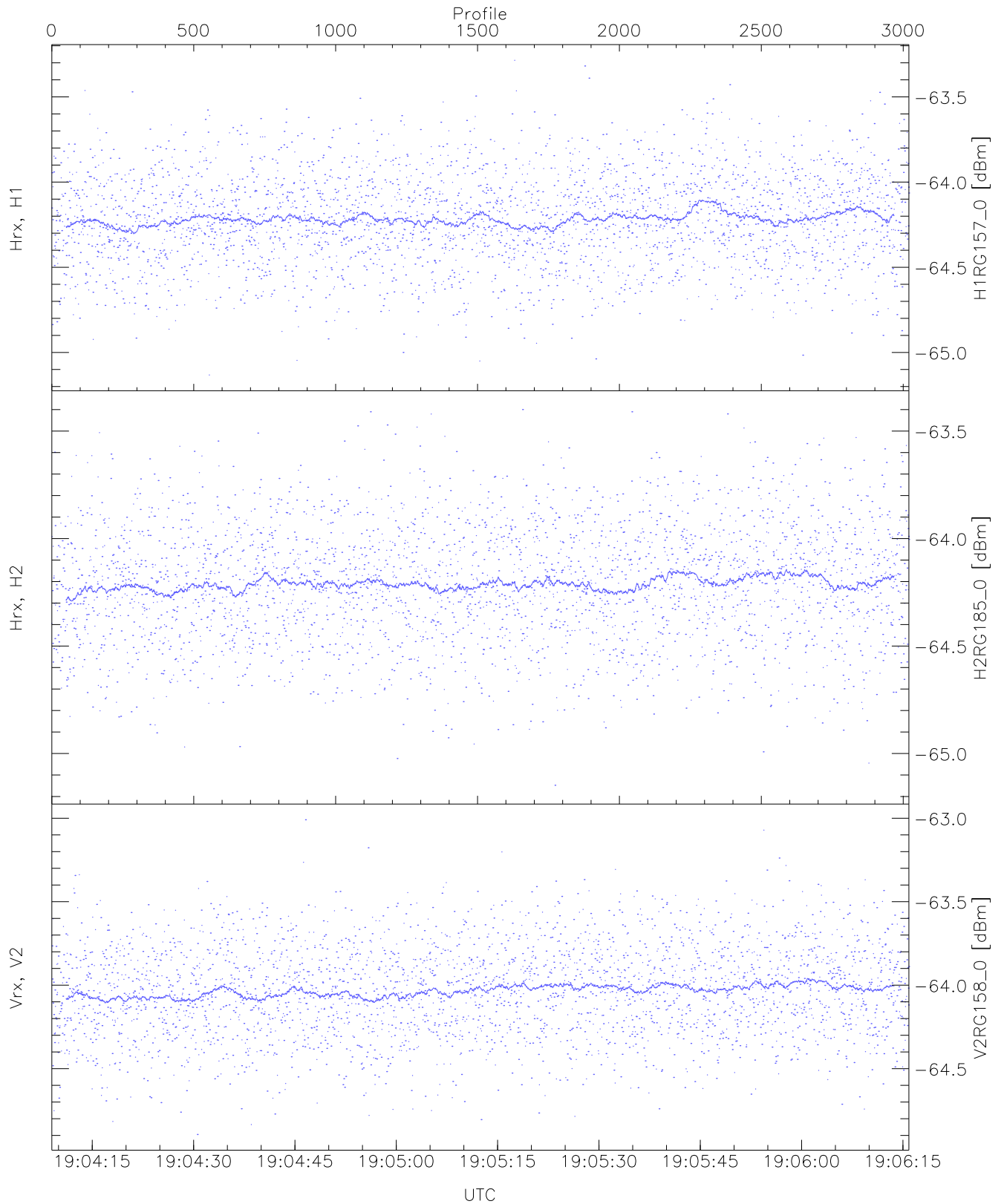
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-64.89	-62.85	-63.99	-63.99	-76.09
Hrx, H2 (HL [dBm])	-64.98	-62.88	-63.99	-64.00	-76.18
Vrx, V2 (HL [dBm])	-64.72	-62.74	-63.81	-63.81	-75.98



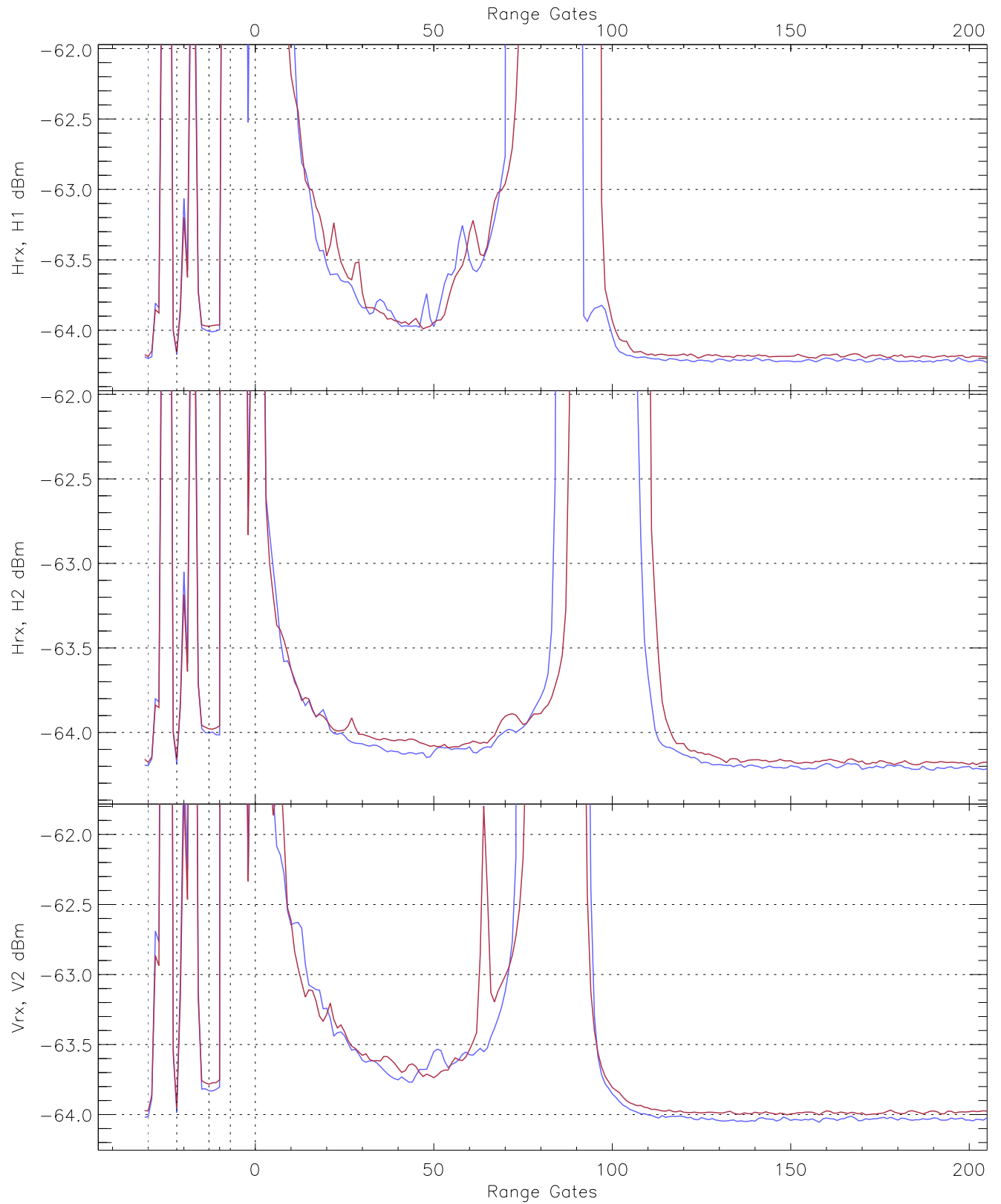
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-65.16	-63.24	-64.19	-64.20	-76.39
Hrx, H2 (RM [dBm])	-65.11	-63.29	-64.19	-64.19	-76.42
Vrx, V2 (RM [dBm])	-65.01	-63.04	-63.99	-64.00	-76.16

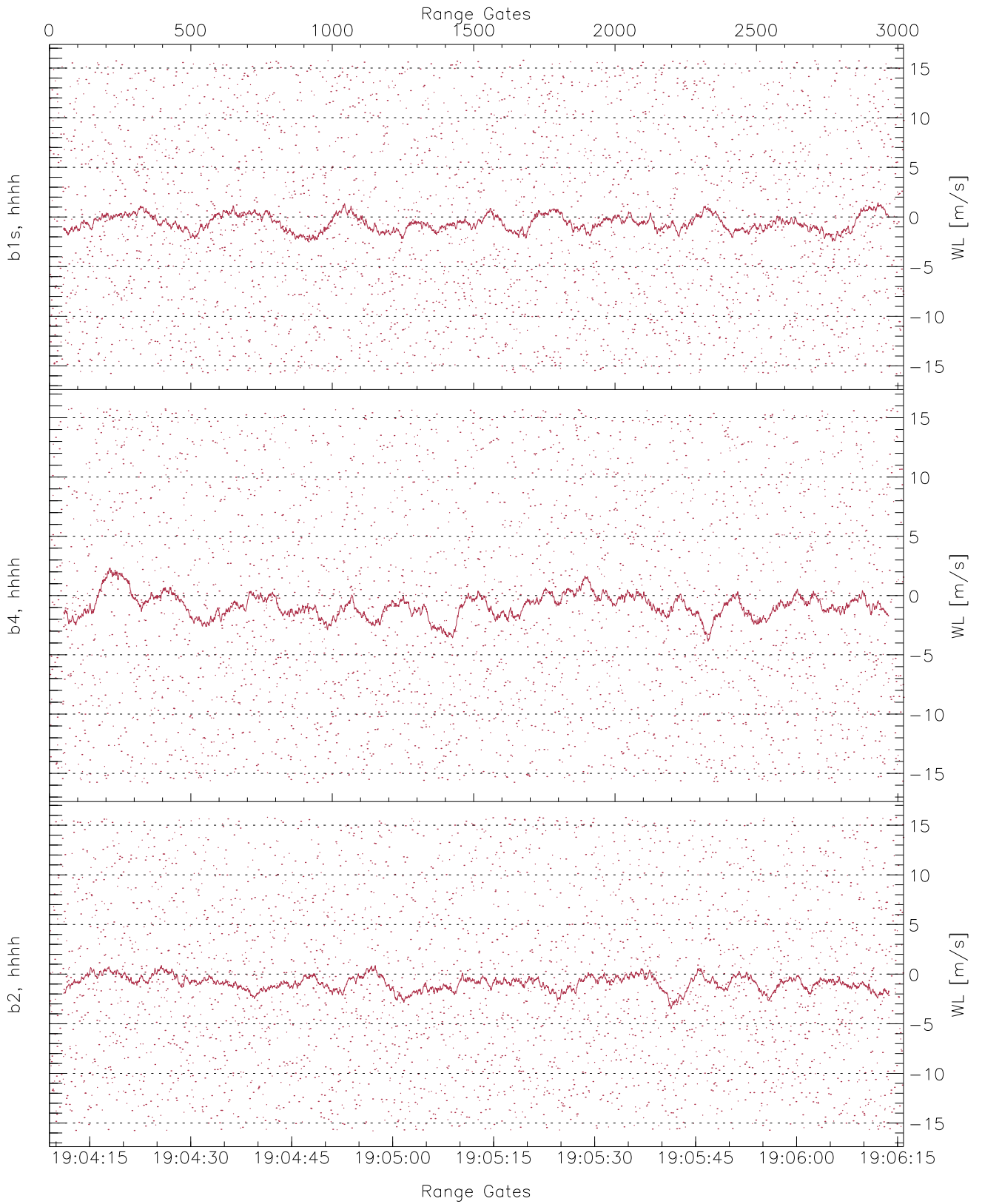


WCR2 CPP "Best" estimate Receivers Noise Power

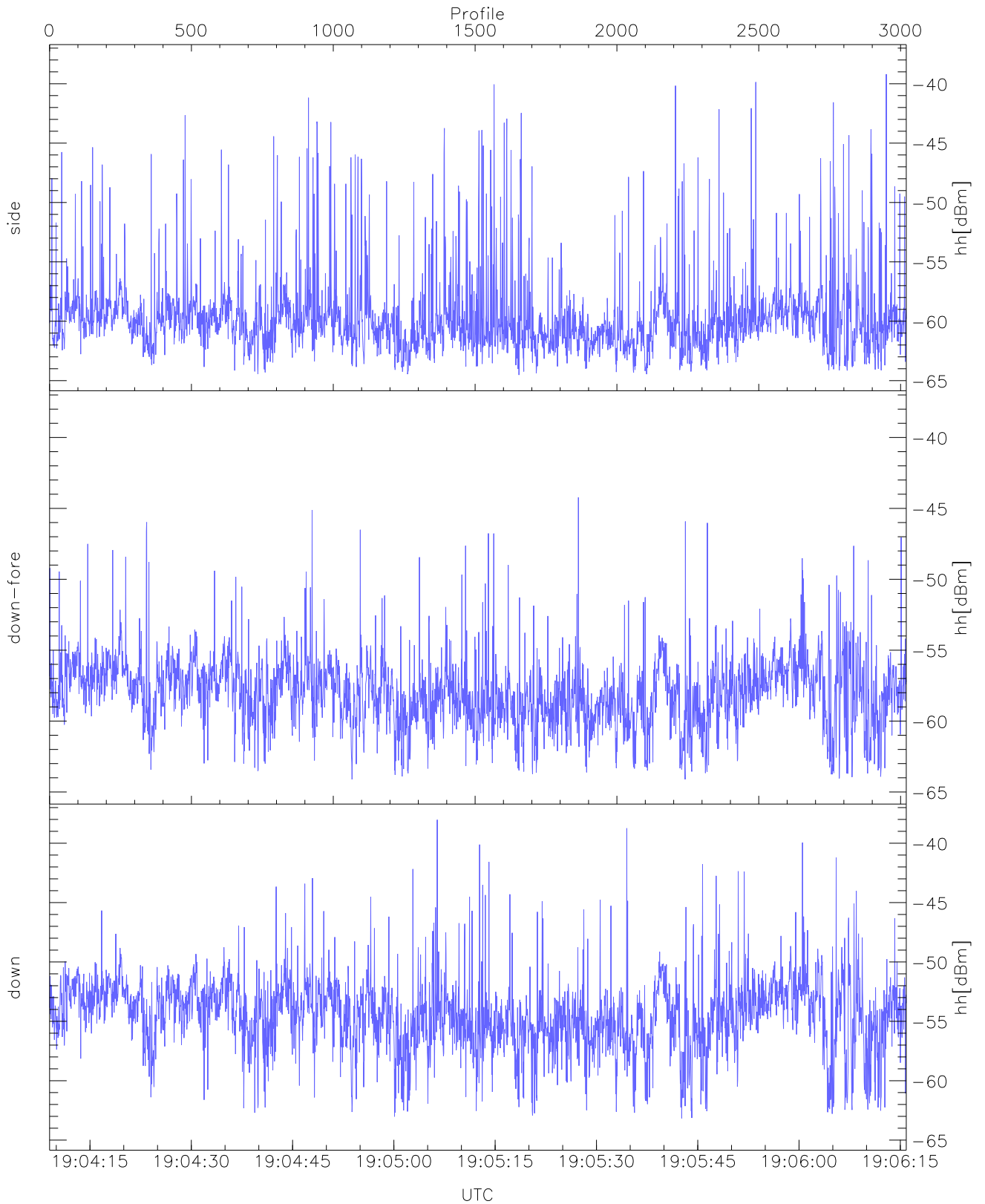
	Min	Max	Mean	Median	StDev
H1RG157_0 [dBm]	-65.13	-63.29	-64.21	-64.22	-76.40
H2RG185_0 [dBm]	-65.15	-63.40	-64.20	-64.21	-76.34
V2RG158_0 [dBm]	-64.89	-63.01	-64.03	-64.03	-76.13



WCR2 CPP Averaged Received power for all recorded gates
blue: 190409-190512, 1511 profiles averaged
red: 190512-190616, 1511 profiles averaged

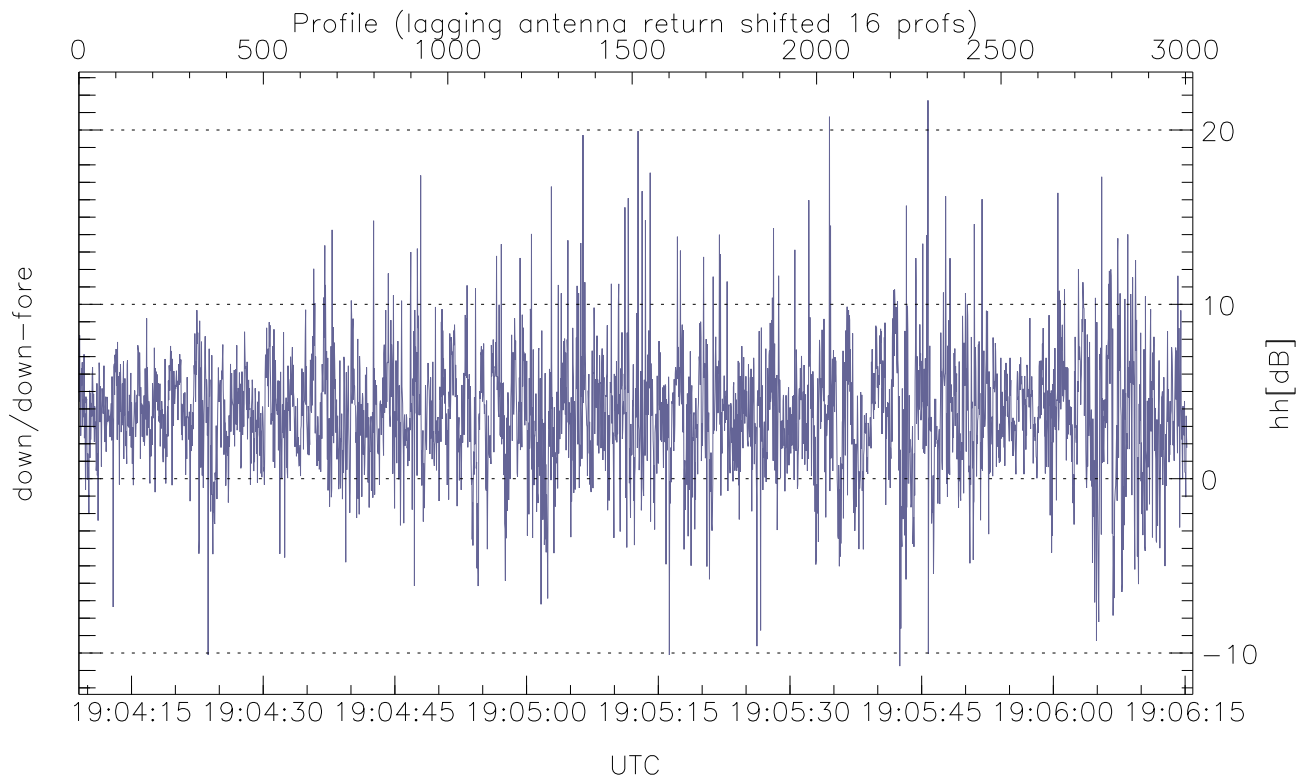


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



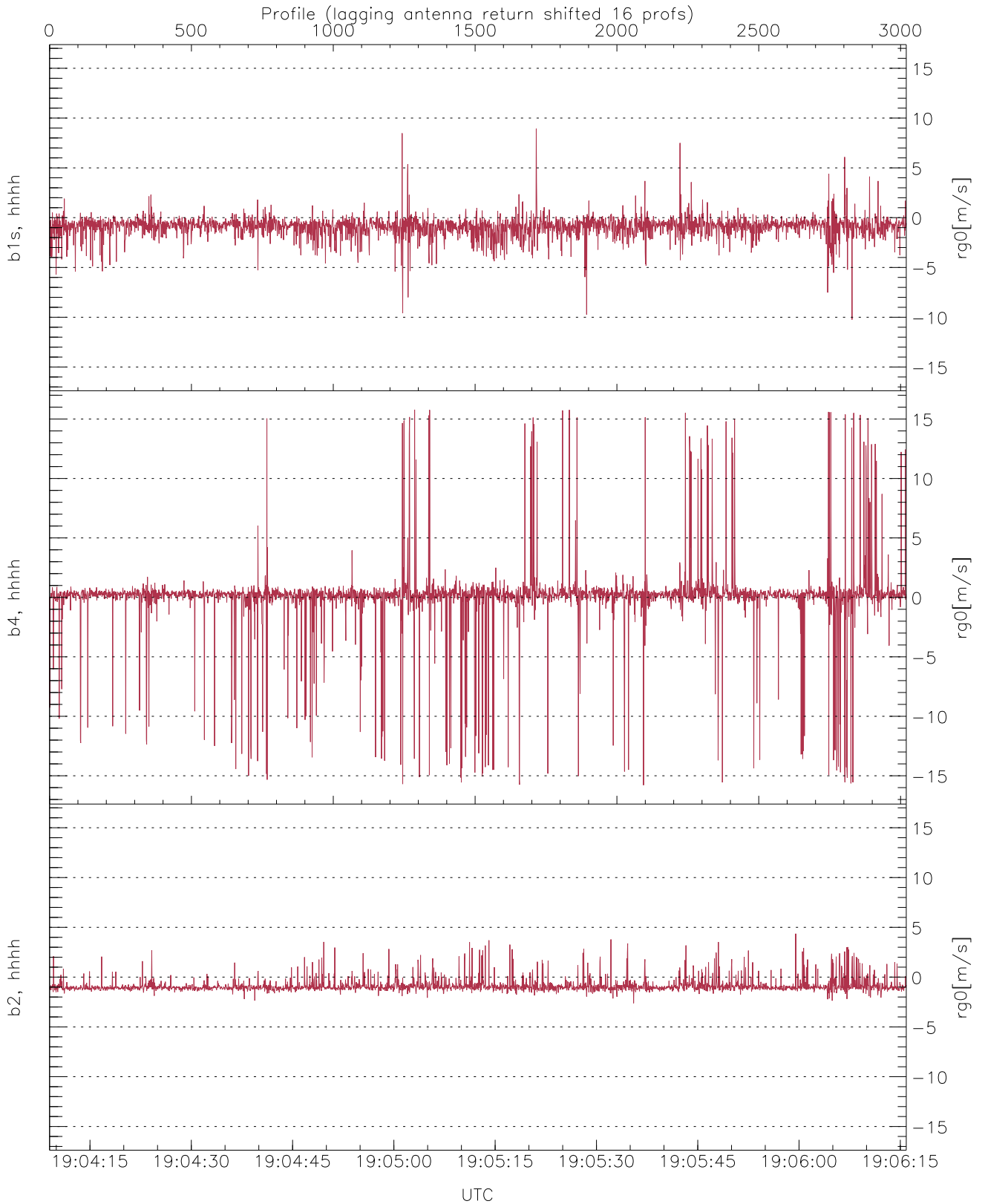
WCR2 CPP Received Power Products for Range gate 0 (105.1 m)

	Min	Max	Mean
side(hh[dBm])	-64.53	-39.19	-57.06
down-fore(hh[dBm])	-64.11	-44.22	-57.17
down(hh[dBm])	-63.16	-38.03	-53.26



WCR2 Received Power Ratio(s); Range gate(s) used: 0,1 (105,120 m)

	Min	Max	Mean
down/down-fore(hh[dB])	-10.75	21.70	3.71



WCR2 CPP Doppler Velocity Products at 105.1 m range

	Min	Max	Mean	StDev
b1s, hhhh(rg0[m/s])	-10.24	8.92	-0.94	1.08
b4, hhhh(rg0[m/s])	-15.80	15.78	0.00	3.20
b2, hhhh(rg0[m/s])	-2.62	4.36	-0.87	0.67