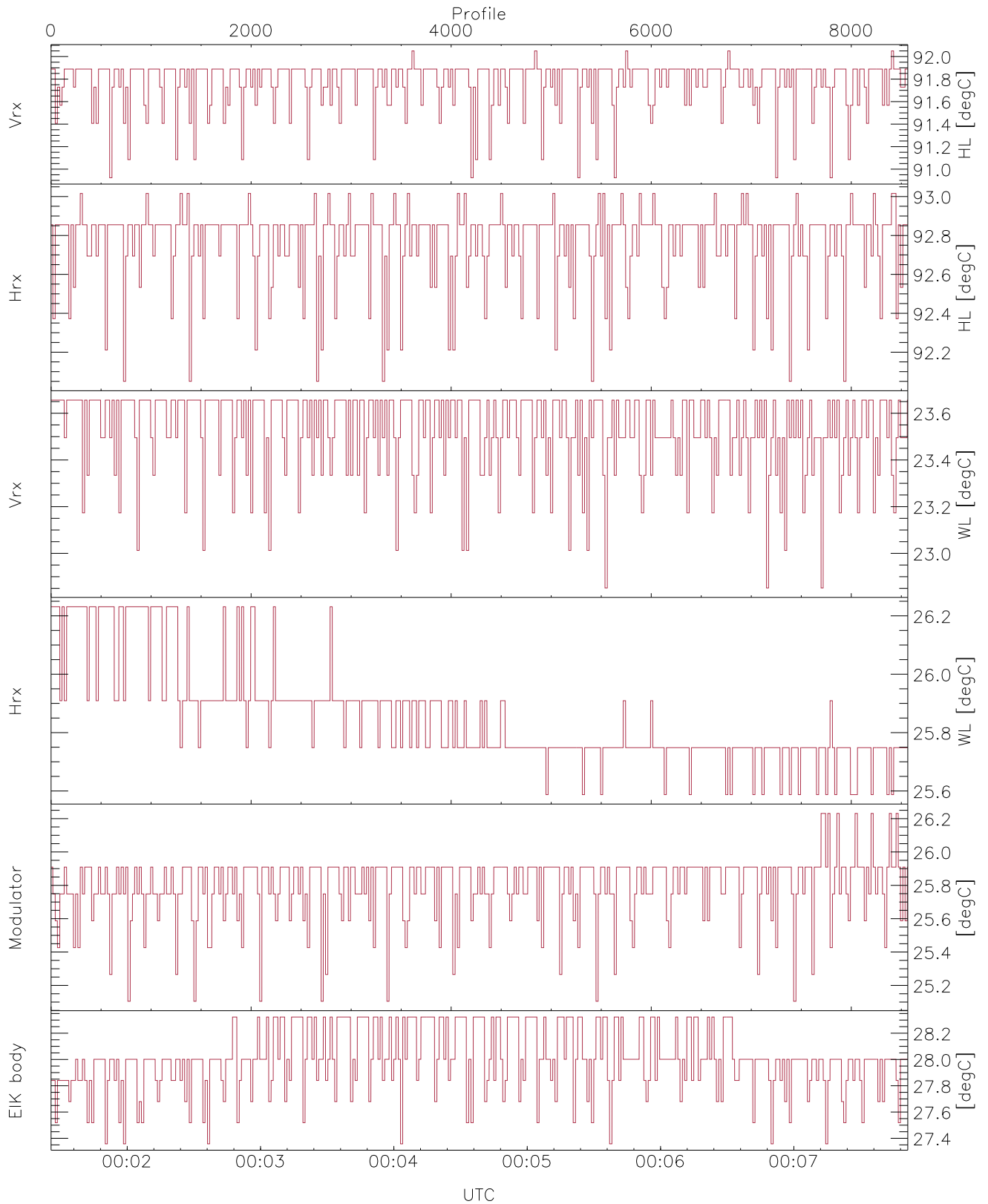


WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

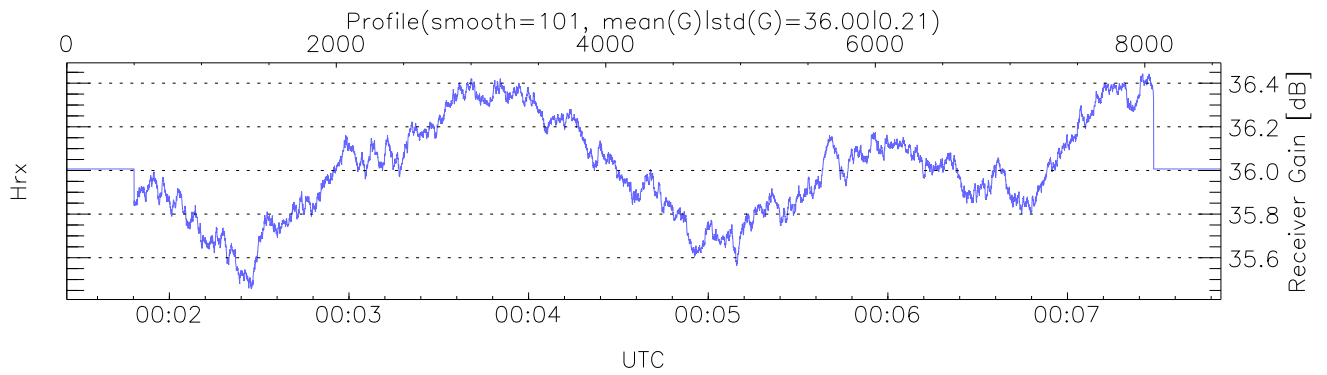
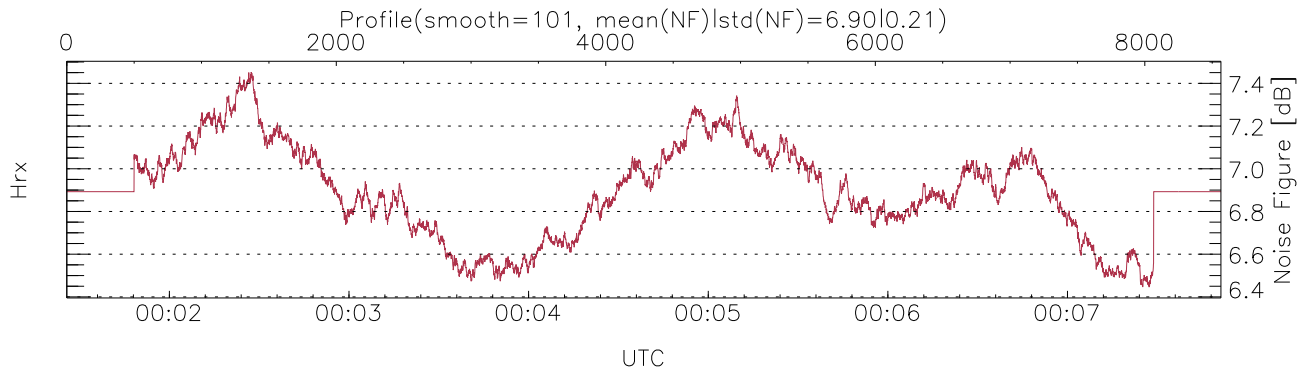
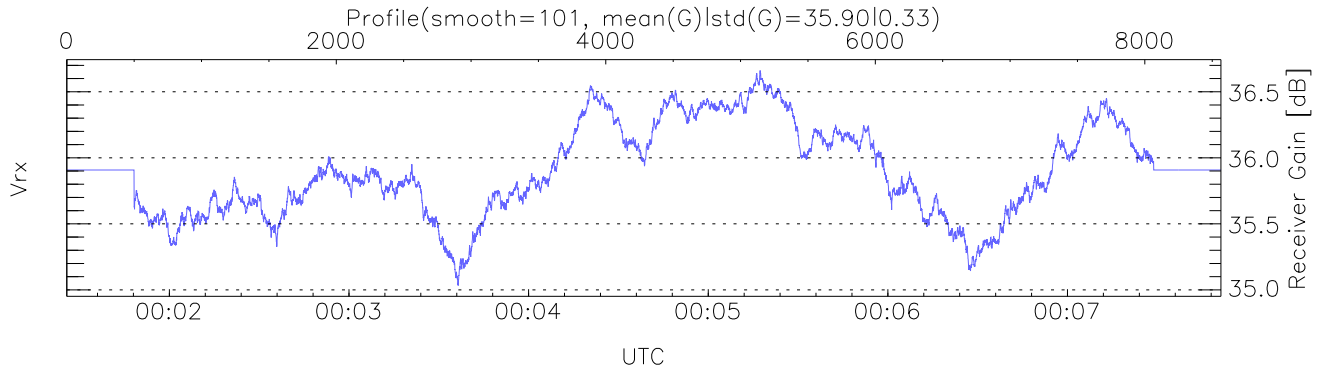
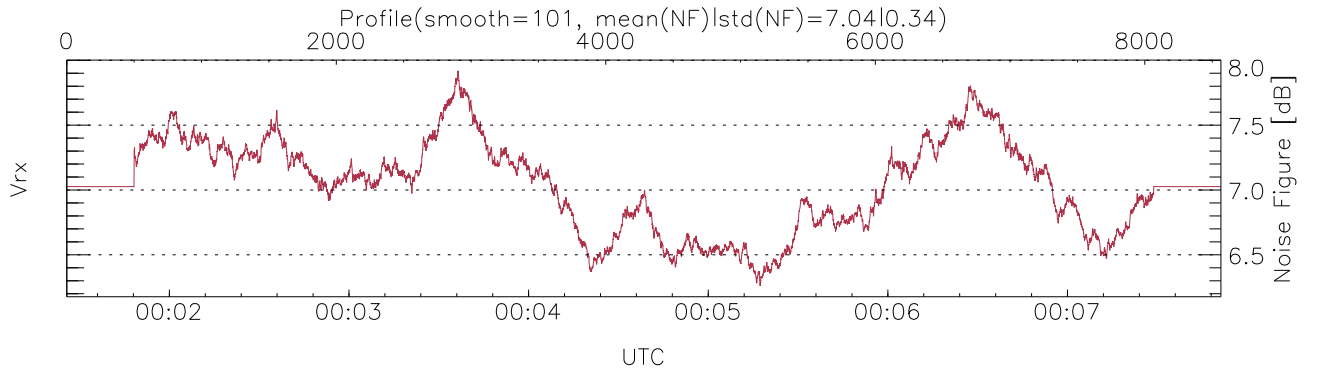
UTC: 00:01:26-00:07:51, TimeCor: 0.00s, Dur: 385.52s
 TimeFlg: 1, TFPstatus constant.
 TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
 NumRec(r/t): 8566/8566, 0-8565/00:01:26-00:07:51
 AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
 Pulse: 250ns, IFF: 4.0MHz, Tx: 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

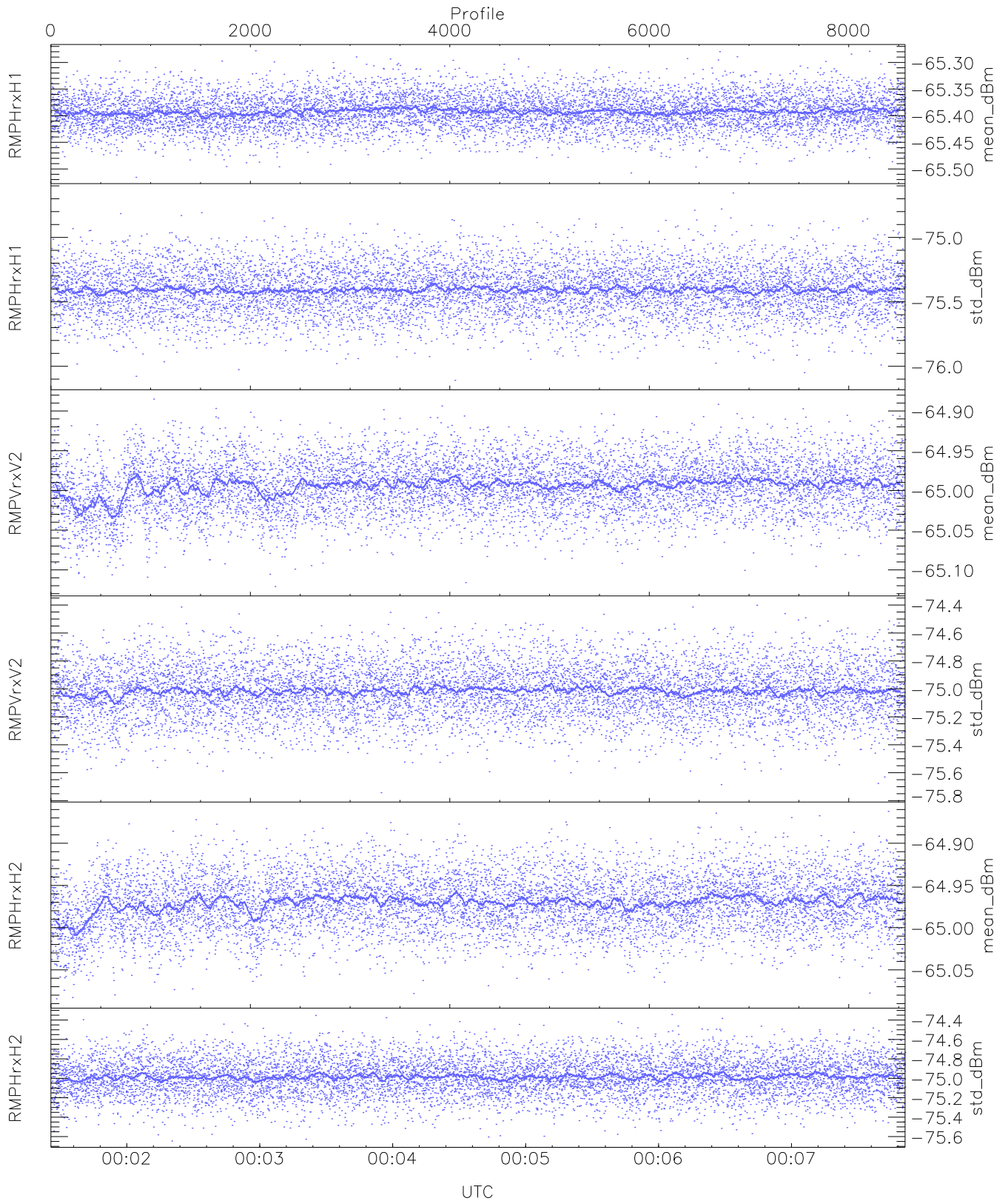
`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,22,25,25,27`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,23,26,26,28`
`LOalarm(20,240,2817,14861 MHz): None`

`EIK Faults(# prof affected):`
`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (22,22,22,22,22,22)`



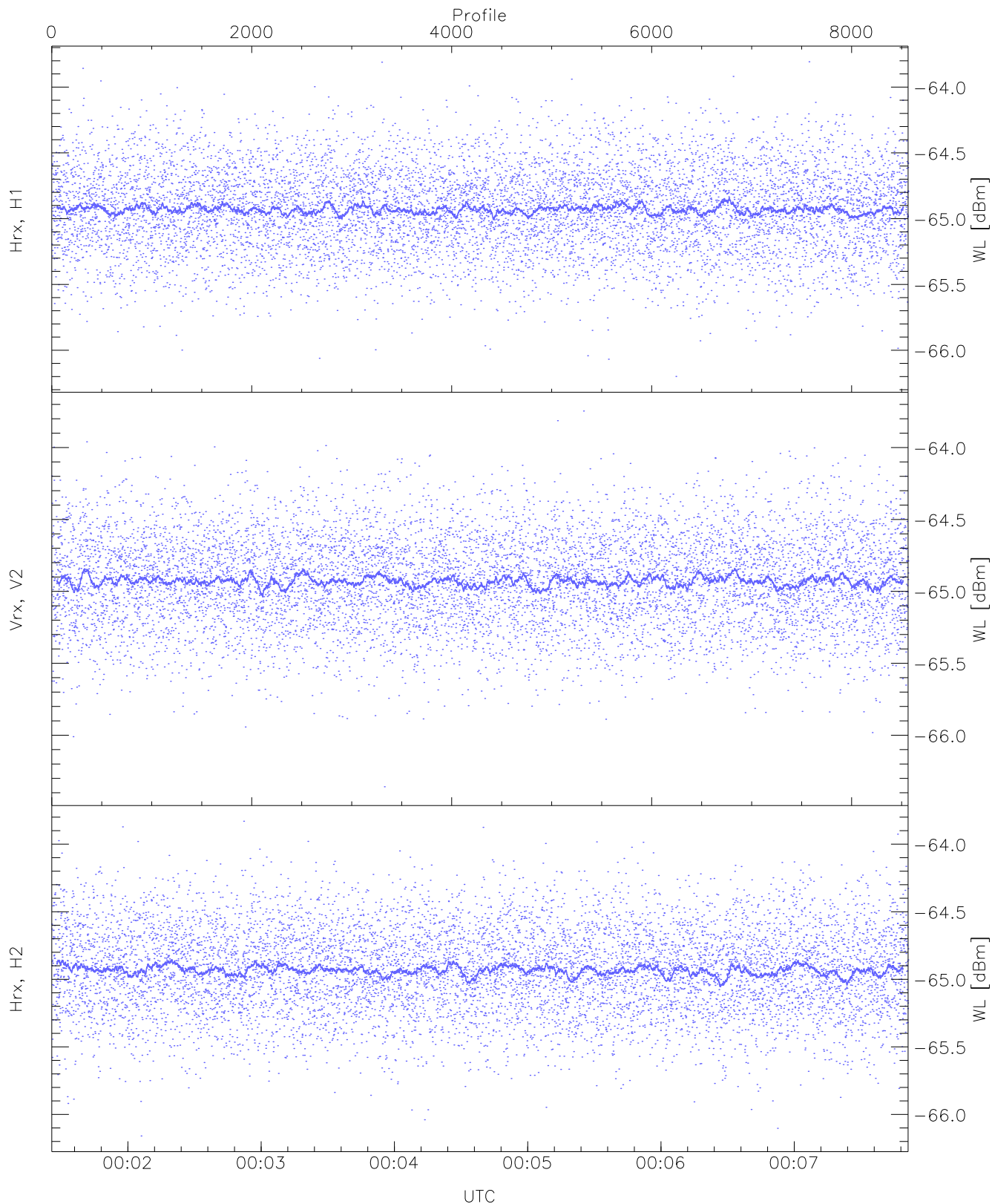
WCR3 CPP Receivers Gain and Noise Figure

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



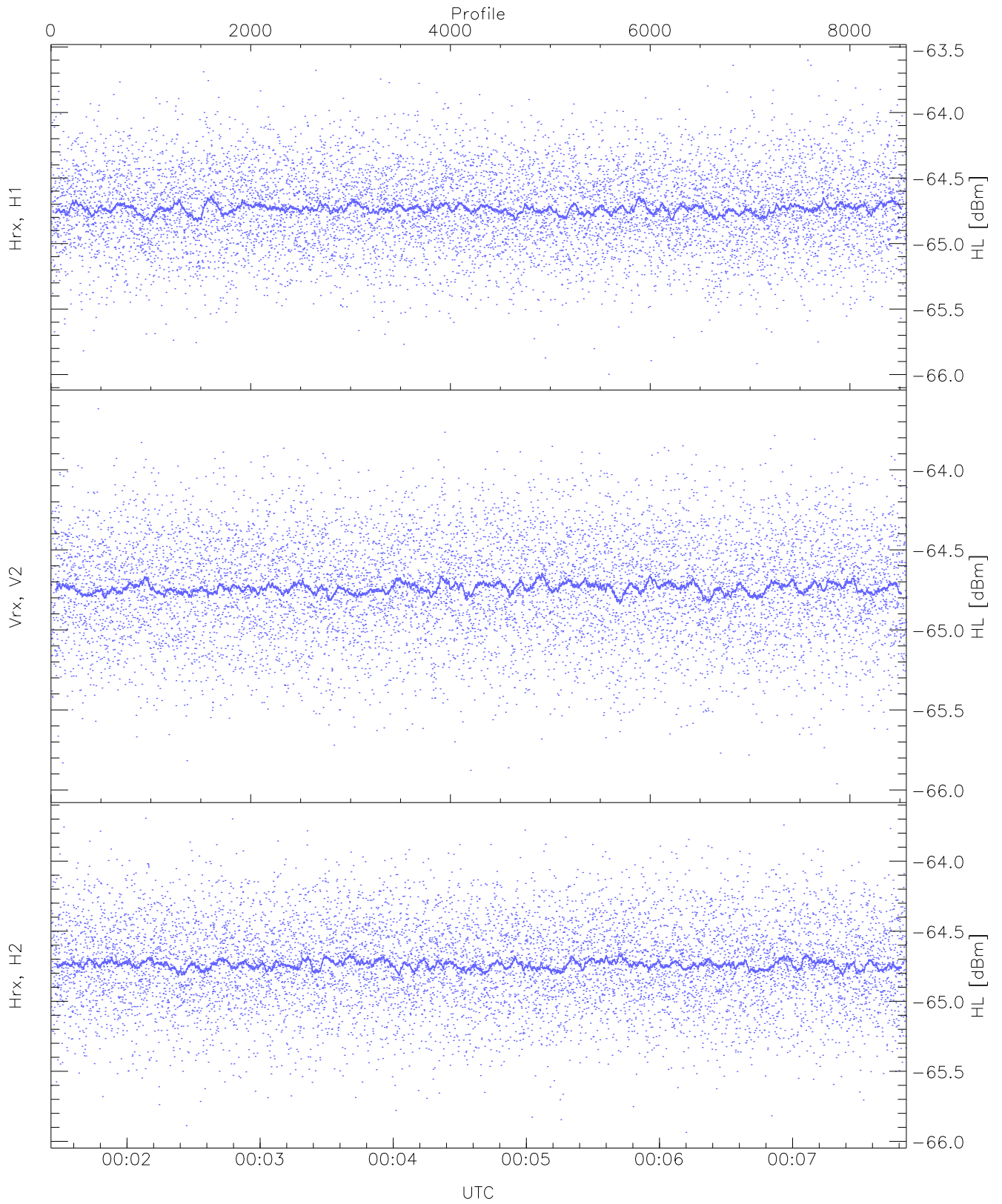
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.52	-65.28	-65.39	-65.39	-86.93
RMPHrxH1 (std_dBm)	-76.11	-74.66	-75.41	-75.41	-89.26
RMPVrxV2 (mean_dBm)	-65.12	-64.89	-64.99	-64.99	-86.32
RMPVrxV2 (std_dBm)	-75.74	-74.40	-75.01	-75.02	-88.82
RMPHrxH2 (mean_dBm)	-65.08	-64.86	-64.97	-64.97	-86.43
RMPHrxH2 (std_dBm)	-75.65	-74.34	-74.98	-74.99	-88.75



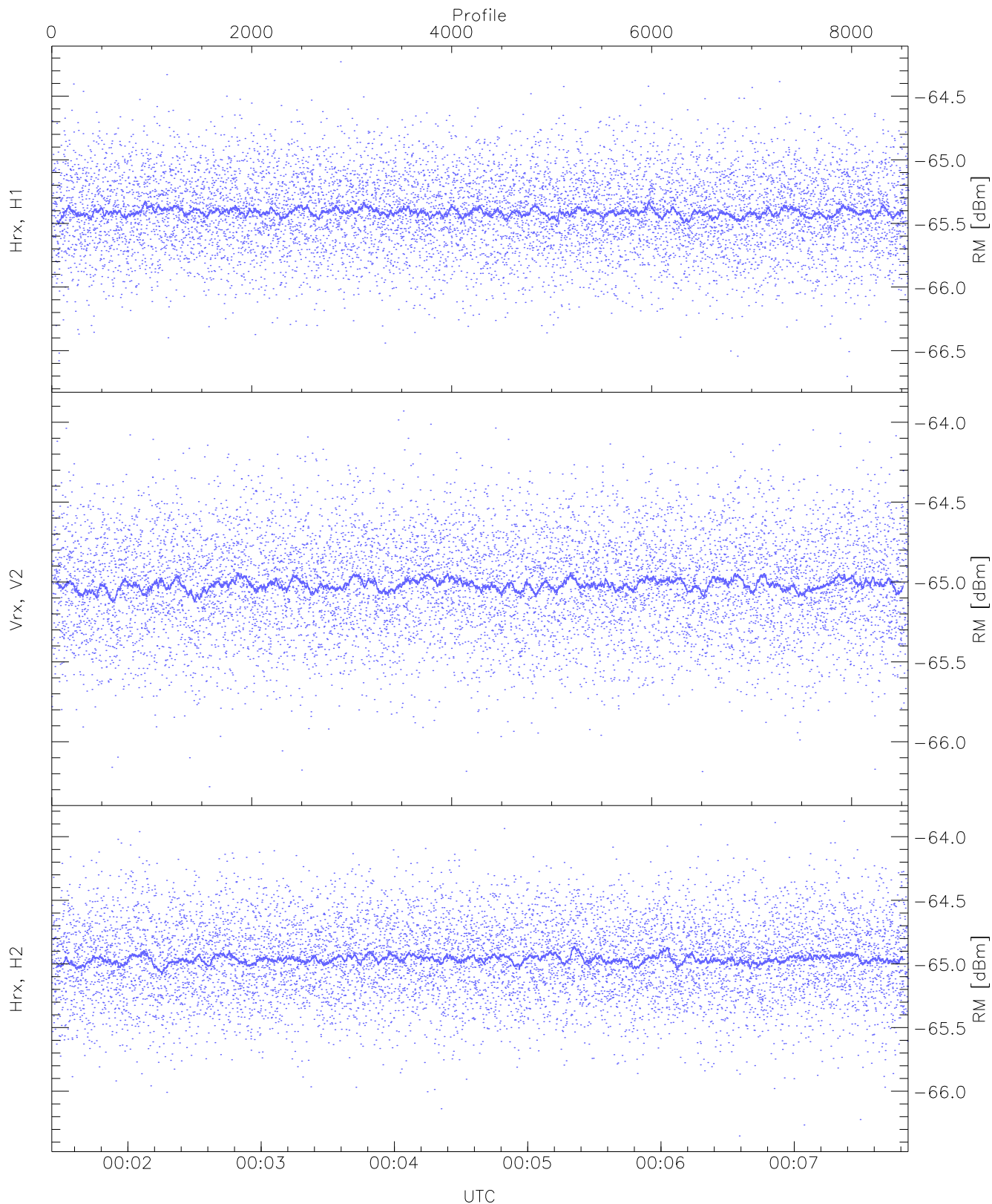
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.20	-63.81	-64.92	-64.93	-76.44
Vrx, V2 (WL [dBm])	-66.36	-63.75	-64.92	-64.93	-76.44
Hrx, H2 (WL [dBm])	-66.16	-63.83	-64.92	-64.93	-76.43



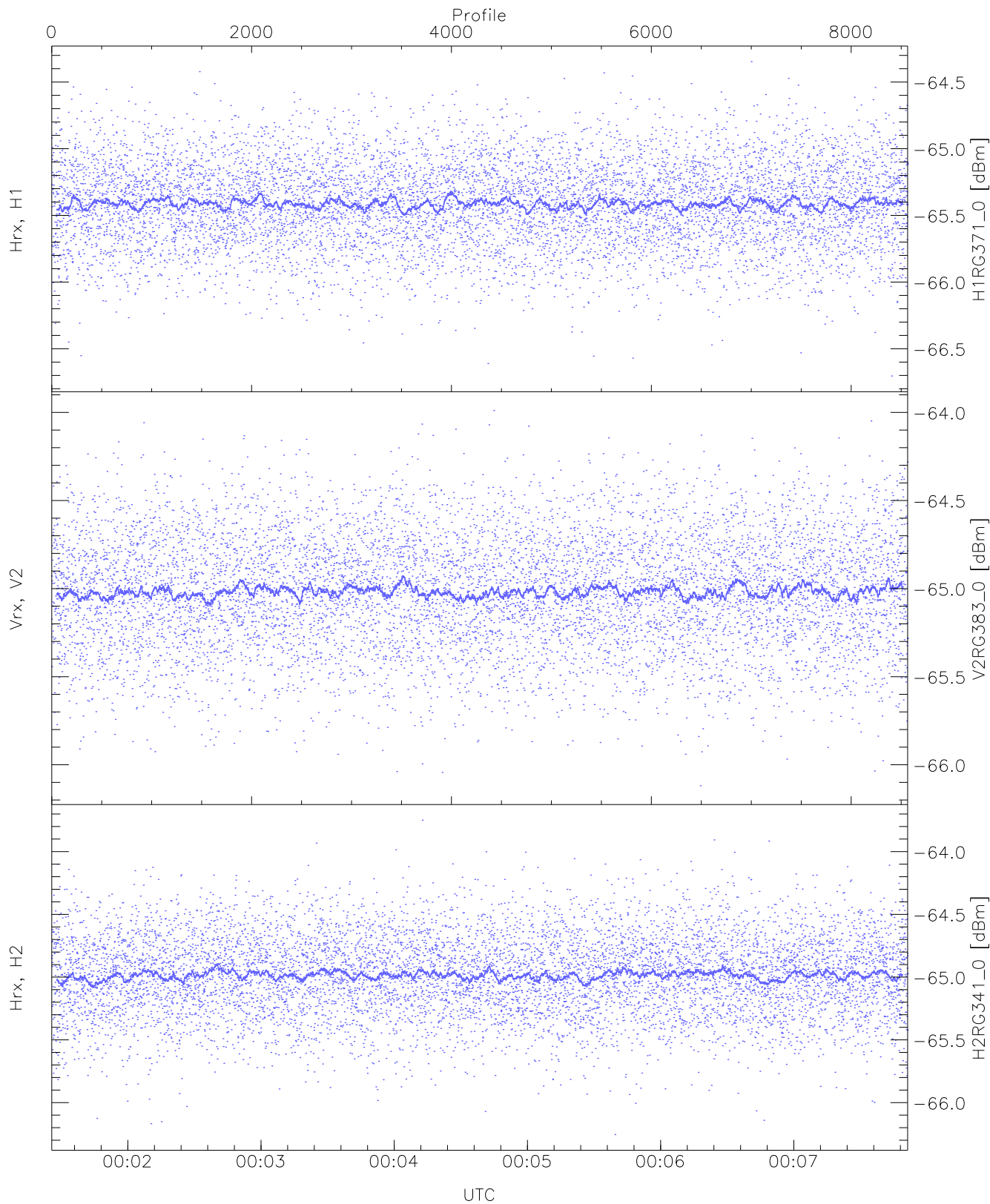
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.00	-63.60	-64.73	-64.74	-76.25
Vrx, V2 (HL [dBm])	-65.96	-63.62	-64.73	-64.74	-76.20
Hrx, H2 (HL [dBm])	-65.94	-63.69	-64.73	-64.74	-76.27



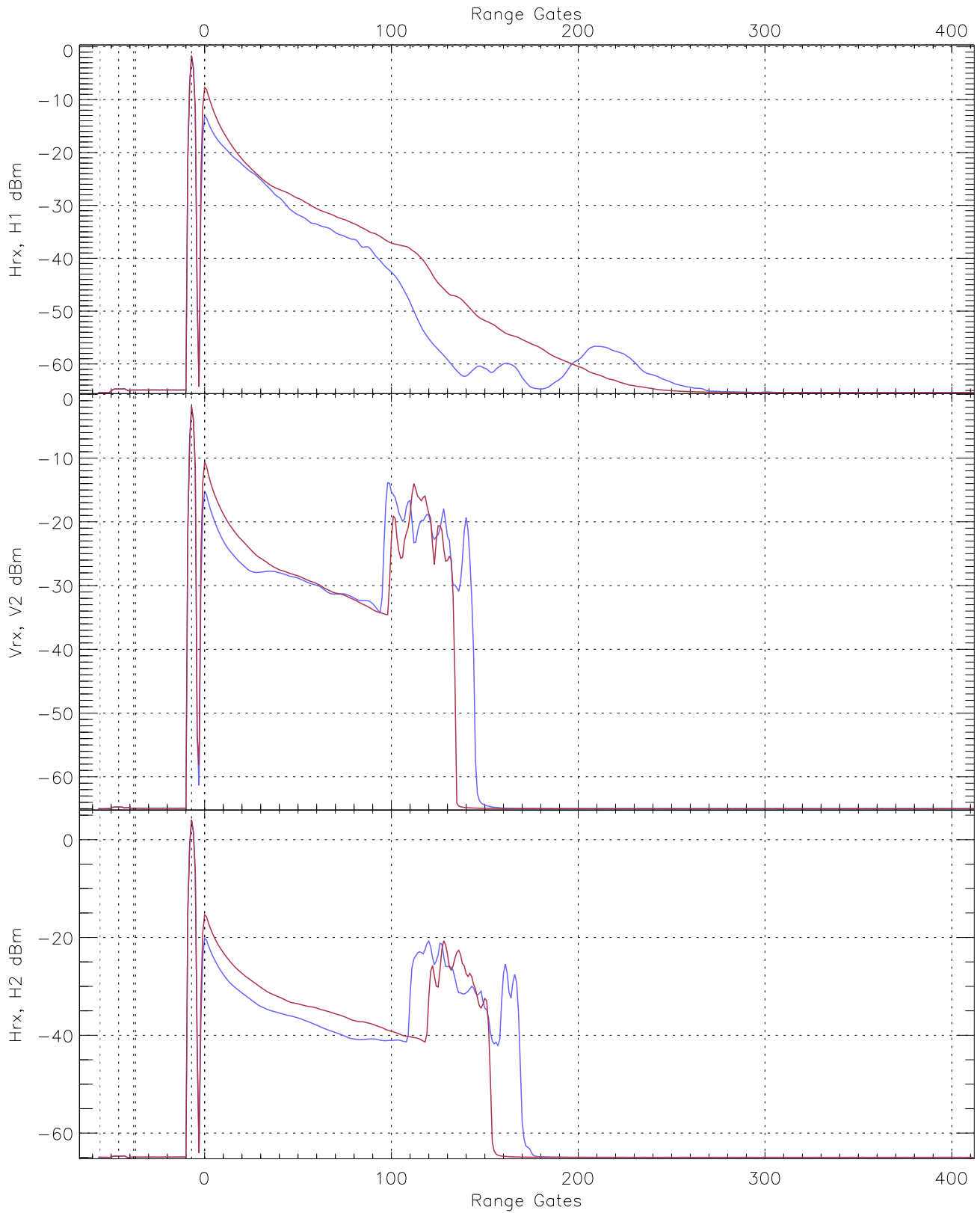
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.70	-64.23	-65.40	-65.41	-76.92
Vrx, V2 (RM [dBm])	-66.28	-63.93	-65.01	-65.01	-76.51
Hrx, H2 (RM [dBm])	-66.35	-63.88	-64.95	-64.96	-76.45

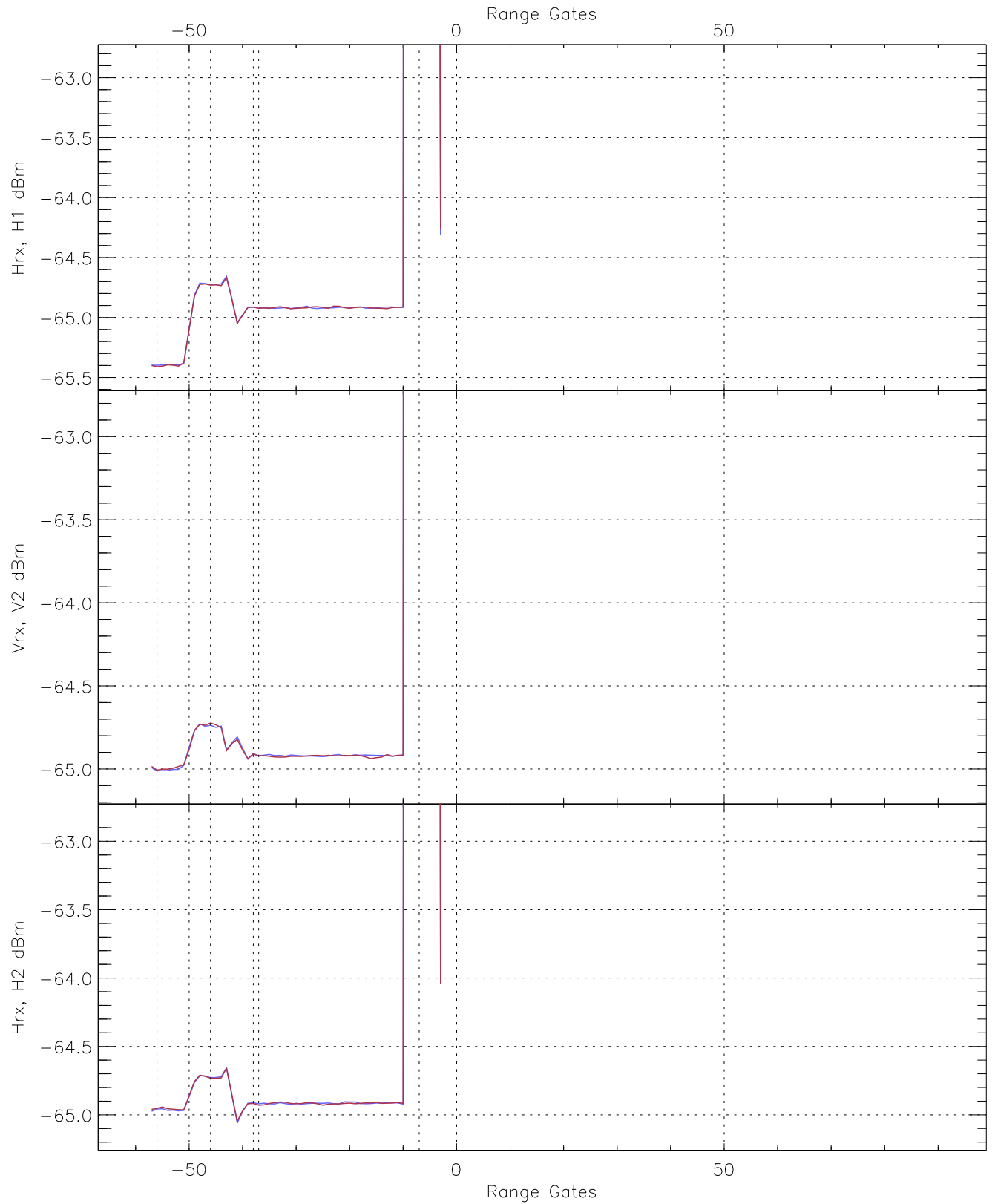


WCR3 CPP "Best" estimate Receivers Noise Power

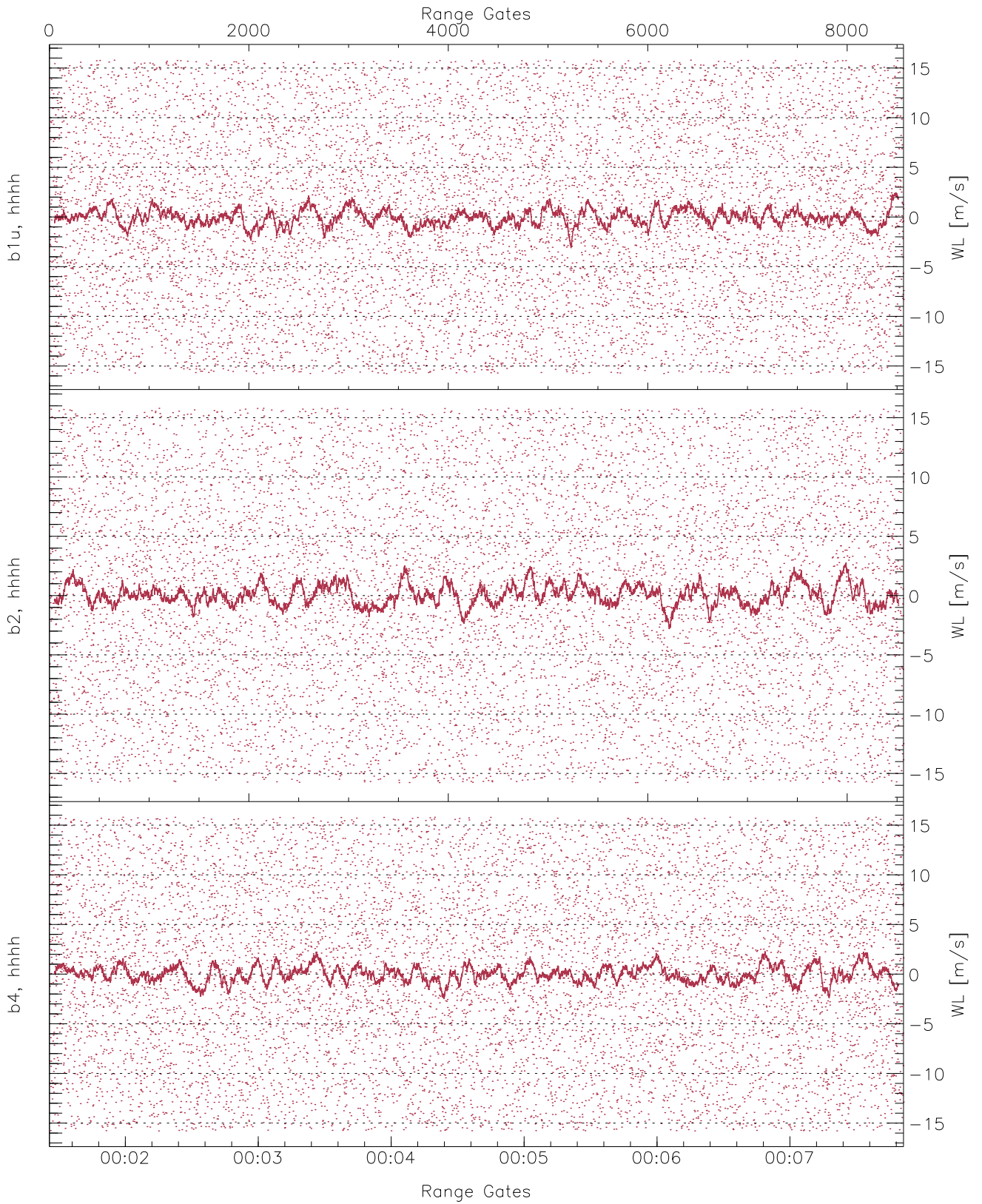
	Min	Max	Mean	Median	StDev
H1RG371_0 [dBm]	-66.70	-64.35	-65.40	-65.41	-76.94
V2RG383_0 [dBm]	-66.12	-63.99	-65.01	-65.02	-76.50
H2RG341_0 [dBm]	-66.25	-63.75	-64.98	-64.98	-76.48



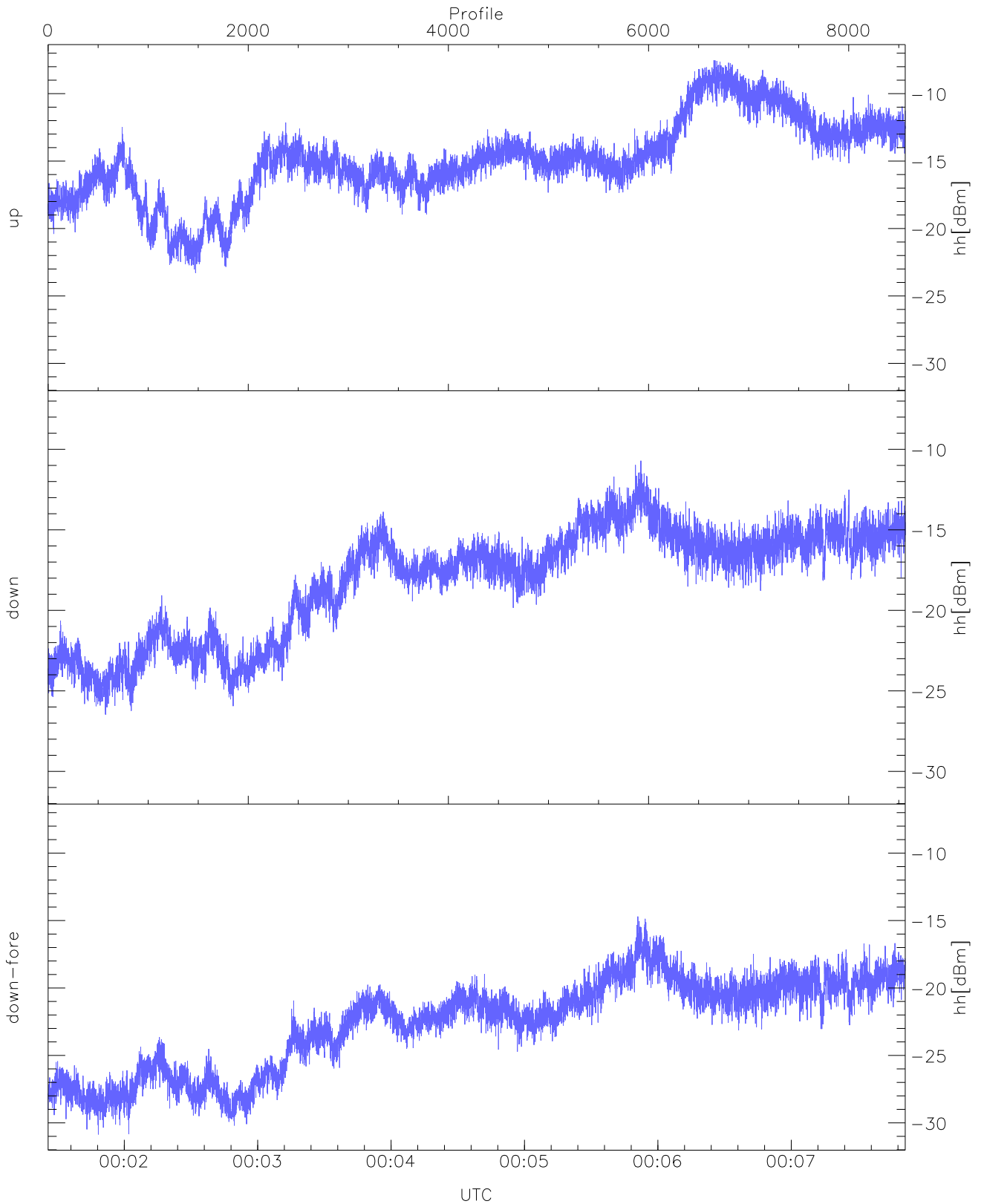
WCR3 CPP Averaged Received power for all recorded gates
blue: 000126-000439, 4284 profiles averaged
red: 000439-000751, 4283 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 000126-000439, 4284 profiles averaged
red: 000439-000751, 4283 profiles averaged

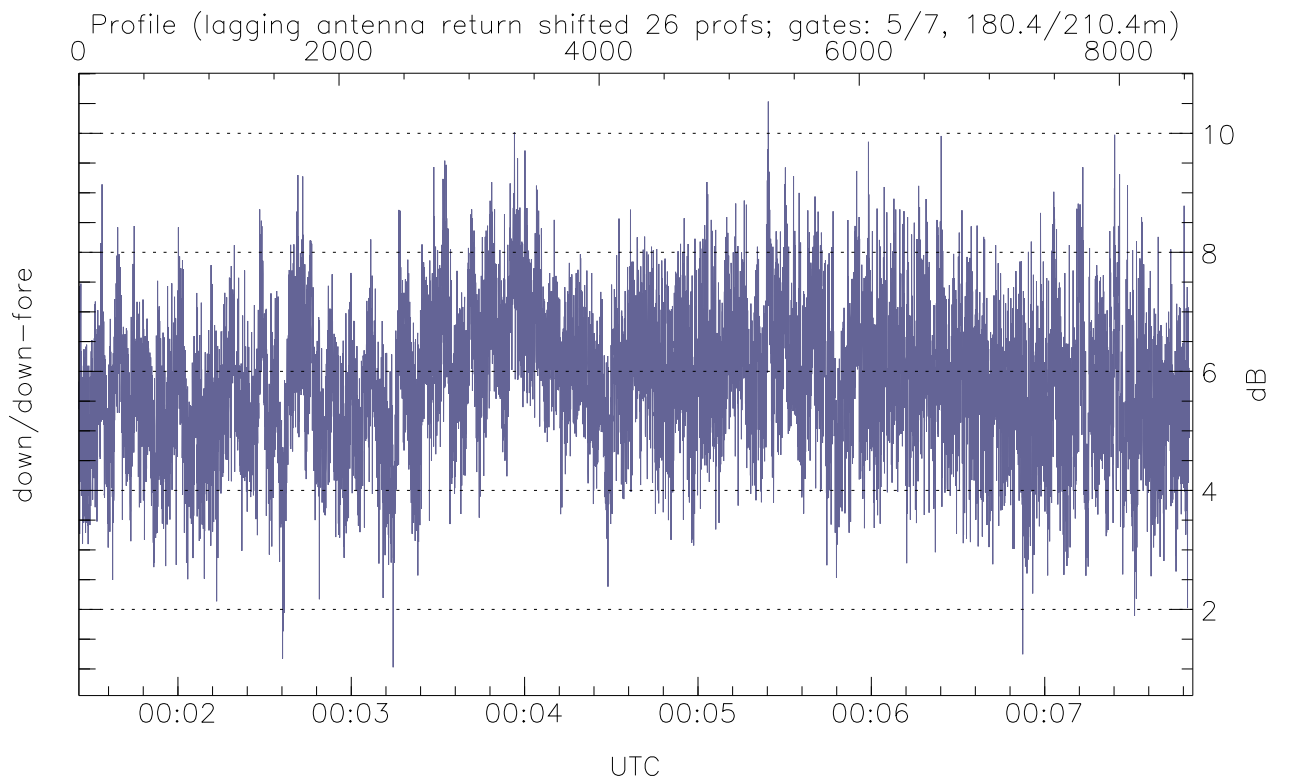
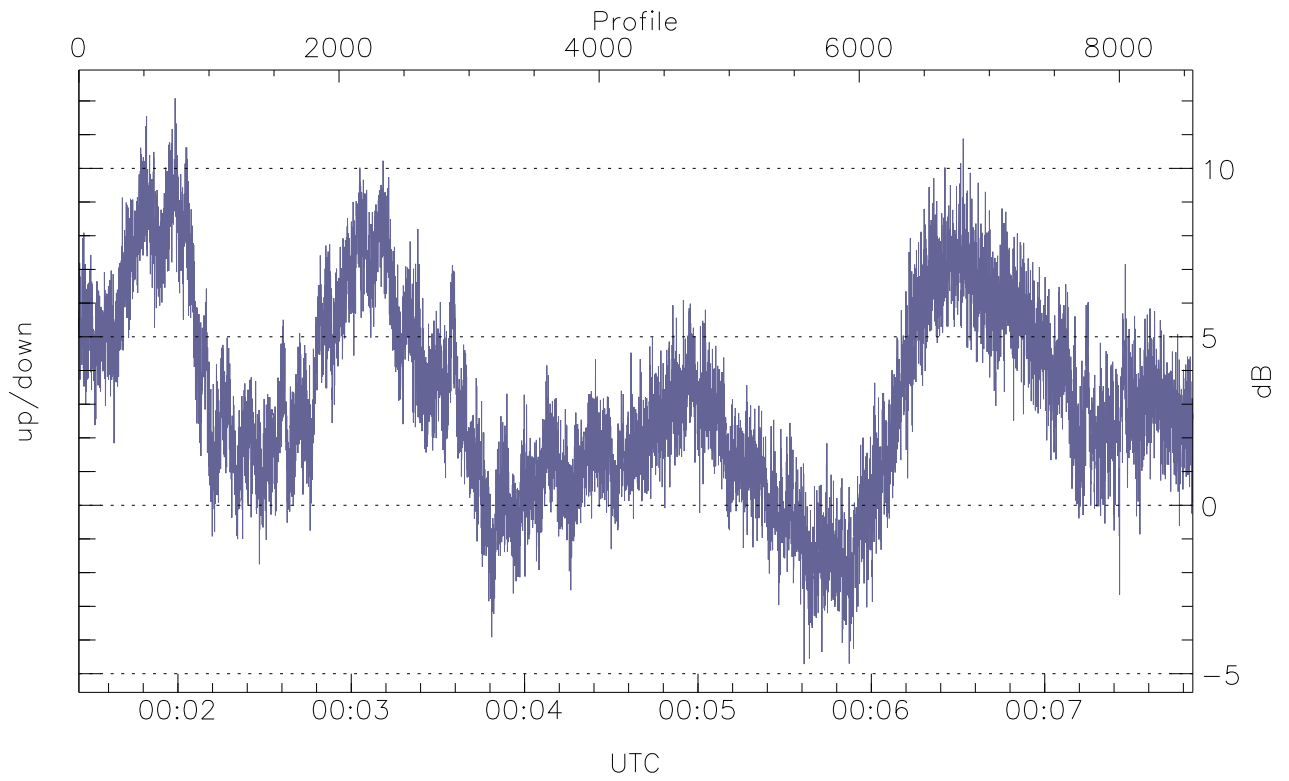


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



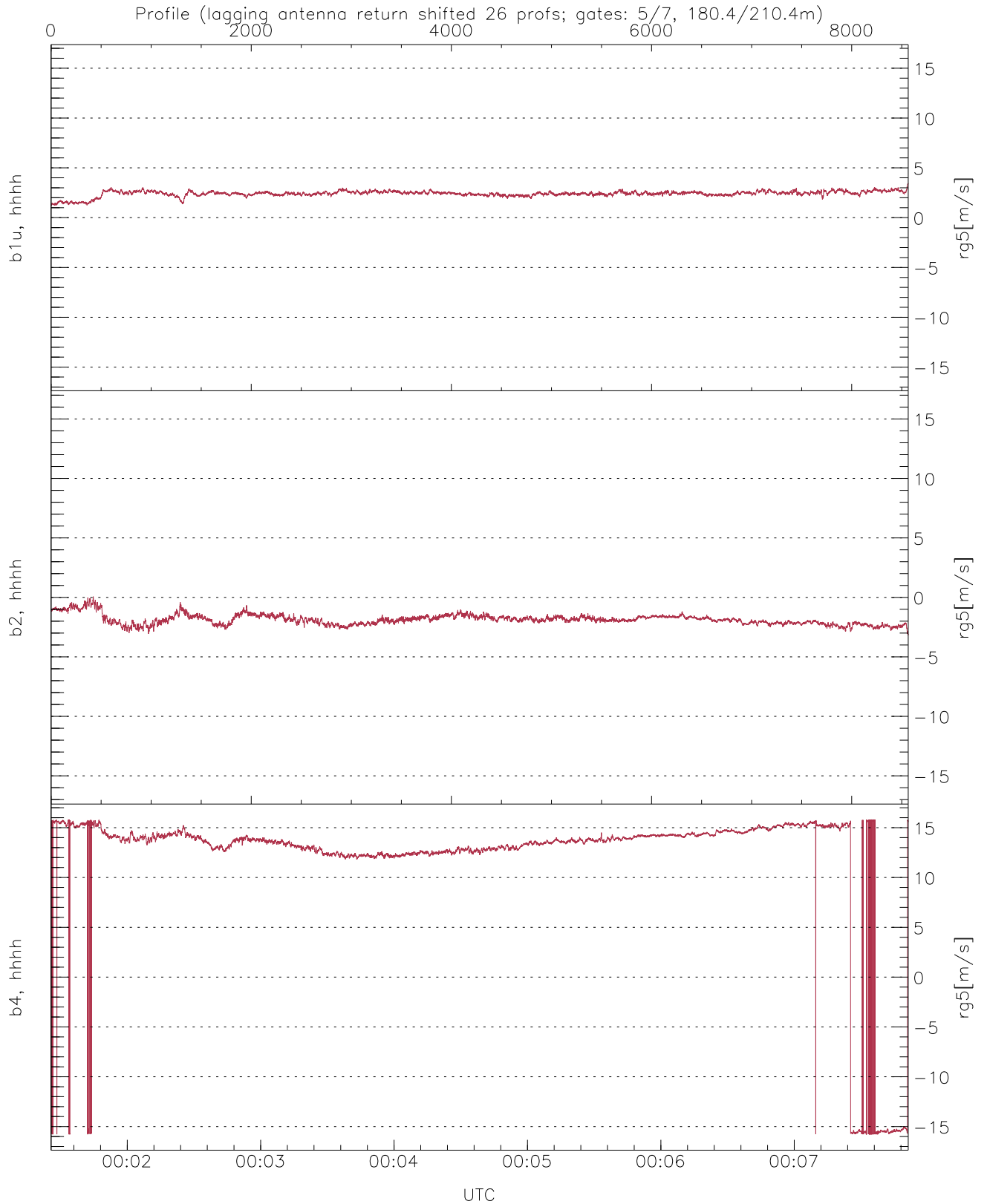
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-23.29	-7.53	-13.94
down(hh[dBm])	-26.47	-10.71	-17.07
down-fore(hh[dBm])	-30.86	-14.70	-21.52



WCR3 Beam pairs Received Power Ratio(s); RangeGate: 5 (180 m)

	Min	Max	Mean
up/down (dB)	-4.71	12.08	3.24
down/down-fore (dB)	1.03	10.53	5.83



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	1.19	3.47	2.41	0.29
b2, hhhh(rg5[m/s])	-3.17	0.05	-1.87	0.43
b4, hhhh(rg5[m/s])	-15.79	15.79	11.99	7.13