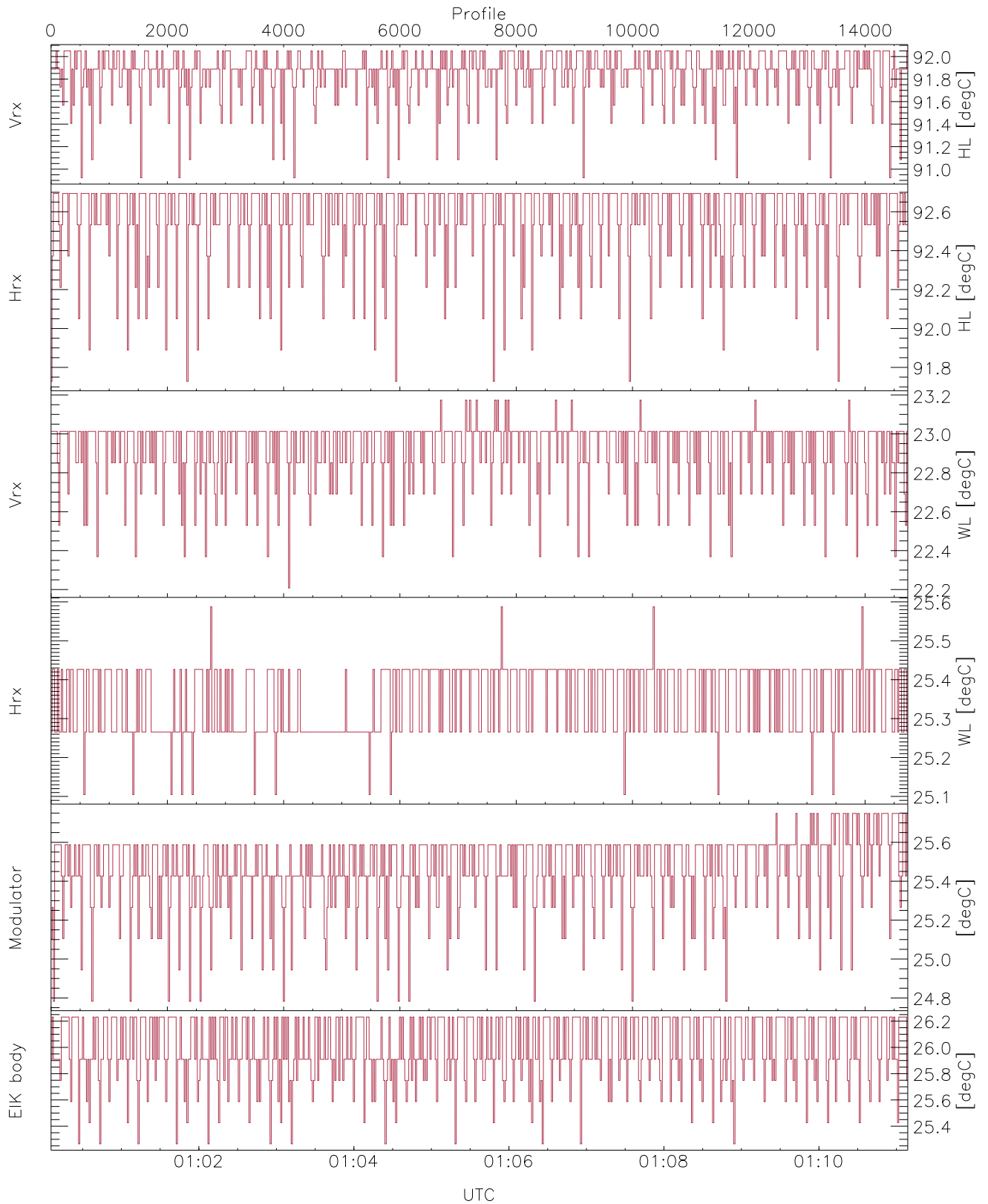


WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

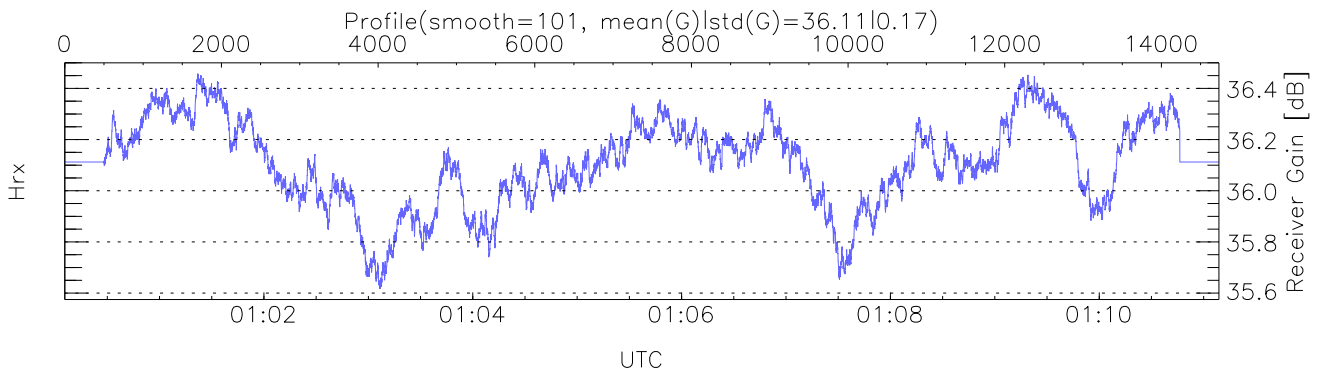
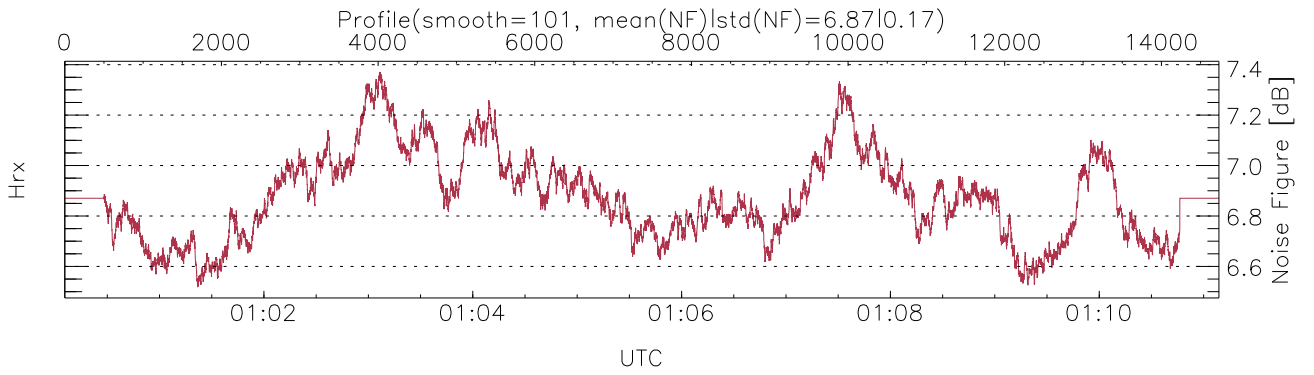
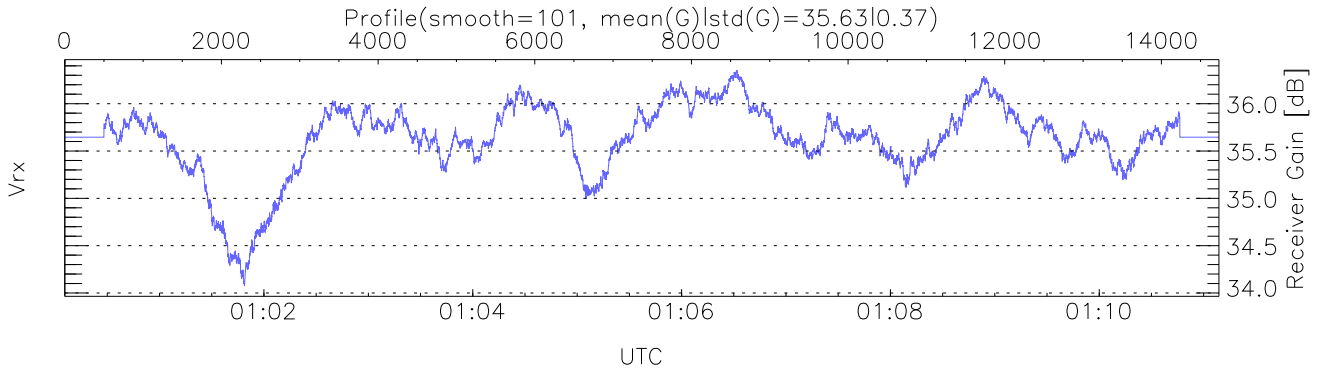
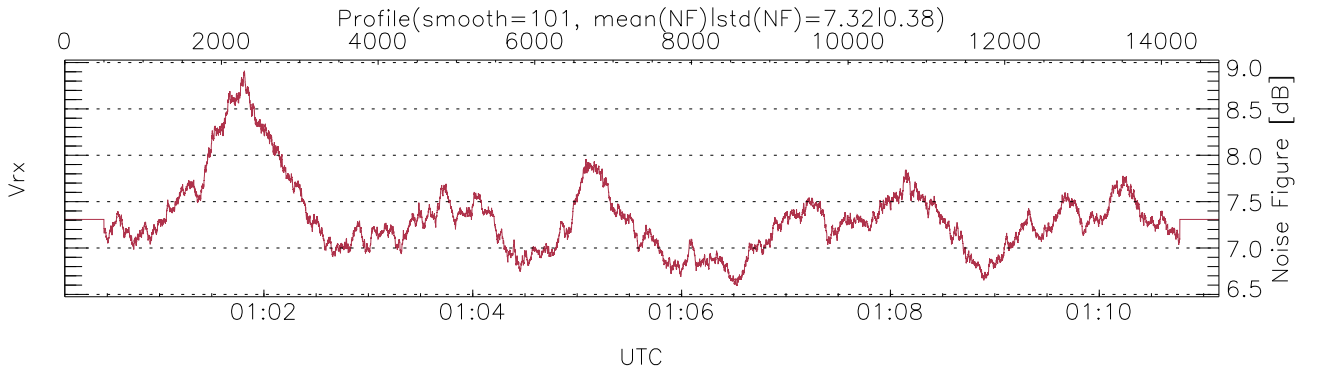
UTC: 01:00:06-01:11:09, TimeCor: 0.00s, Dur: 663.24s
 TimeFlg: 1, TFPstatus constant.
 TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
 NumRec(r/t): 14736/14736, 0-14735/01:00:06-01:11:09
 AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
 Pulse: 250ns, IFF: 4.0MHz, 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

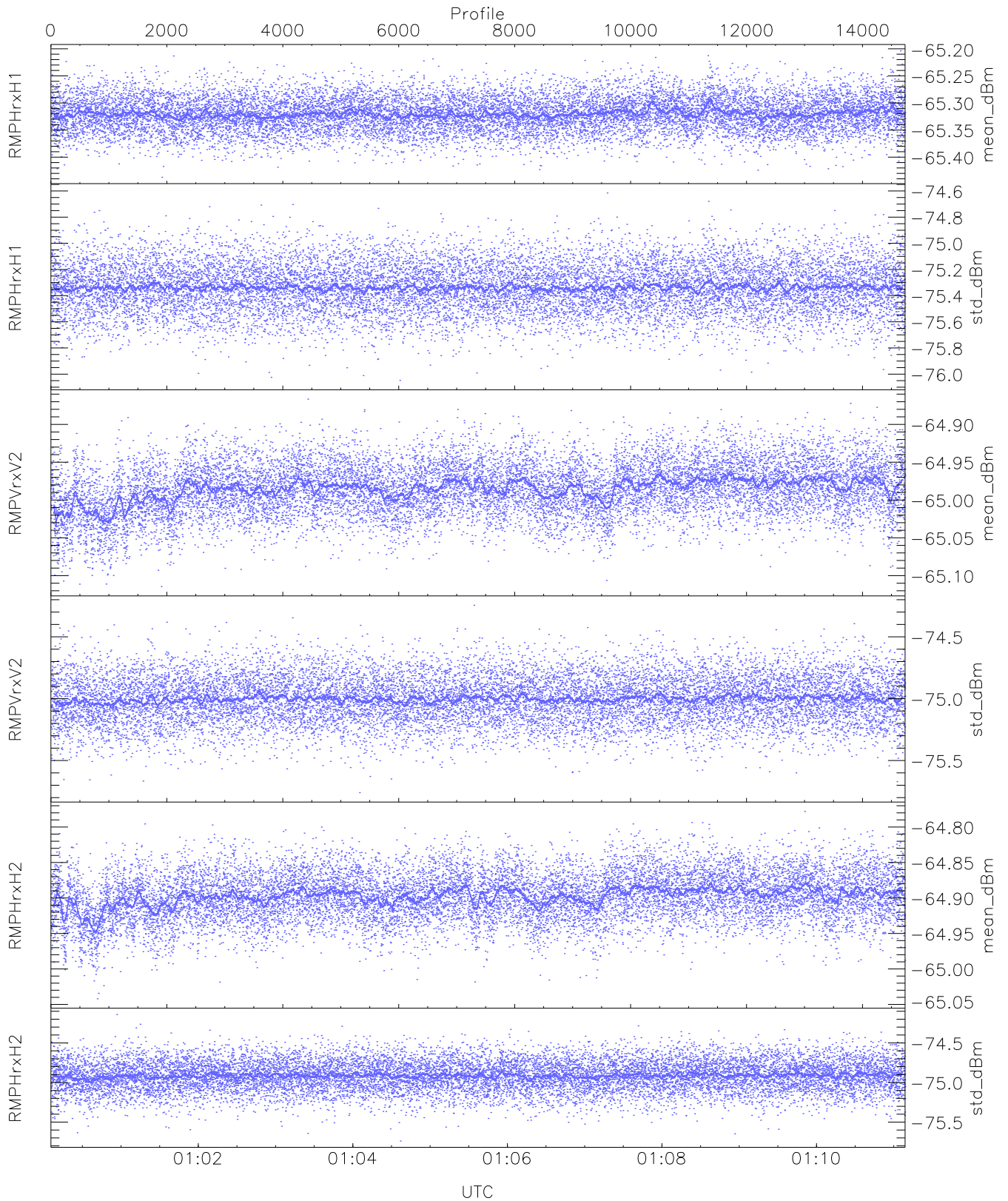
`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,22,25,24,25`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,92,23,25,25,26`
`LOalarm(20,240,2817,14861 MHz): None`

`EIK Faults(# prof affected):`
`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (23,23,23,23,23,23)`



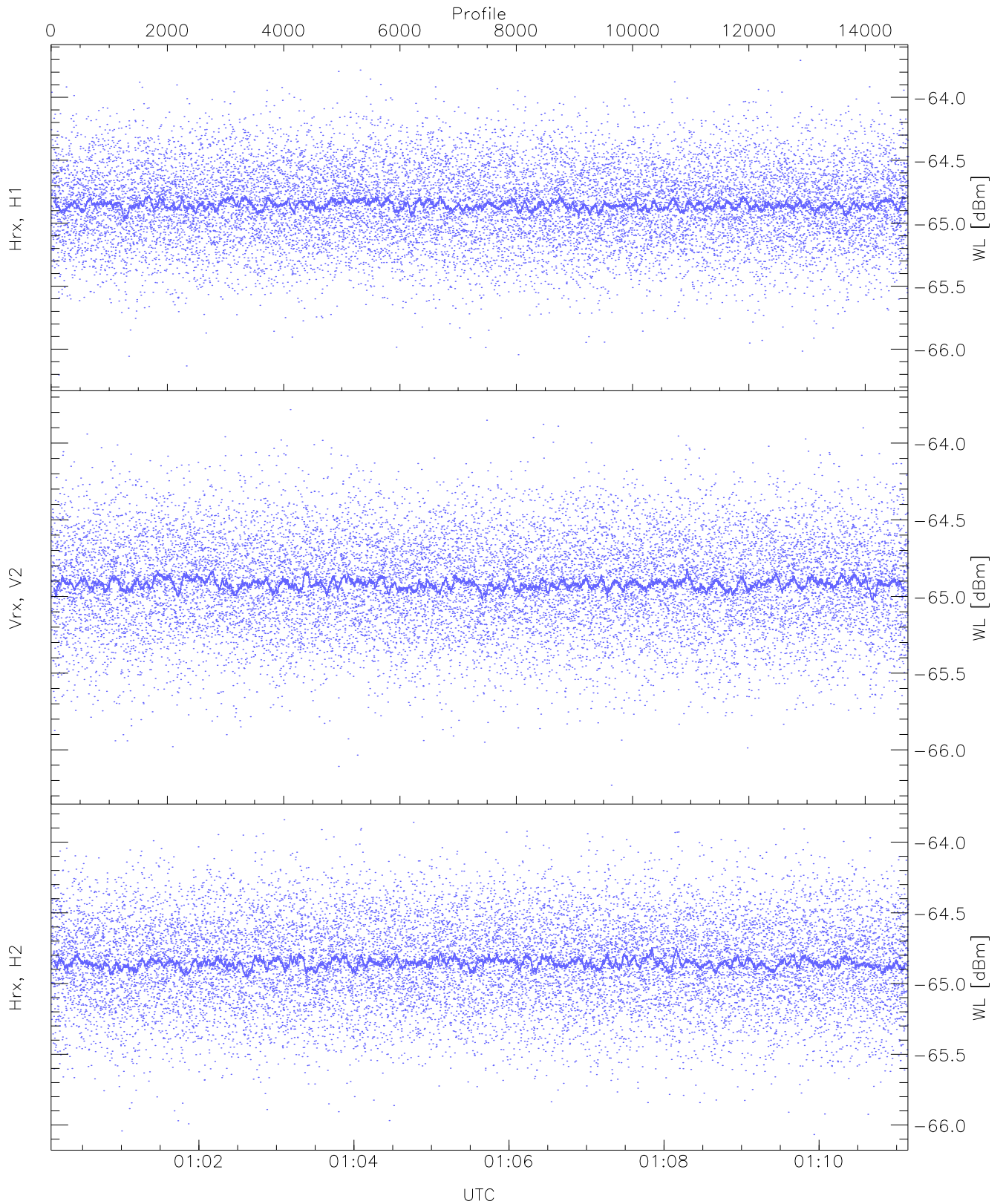
WCR3 CPP Receivers Gain and Noise Figure

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



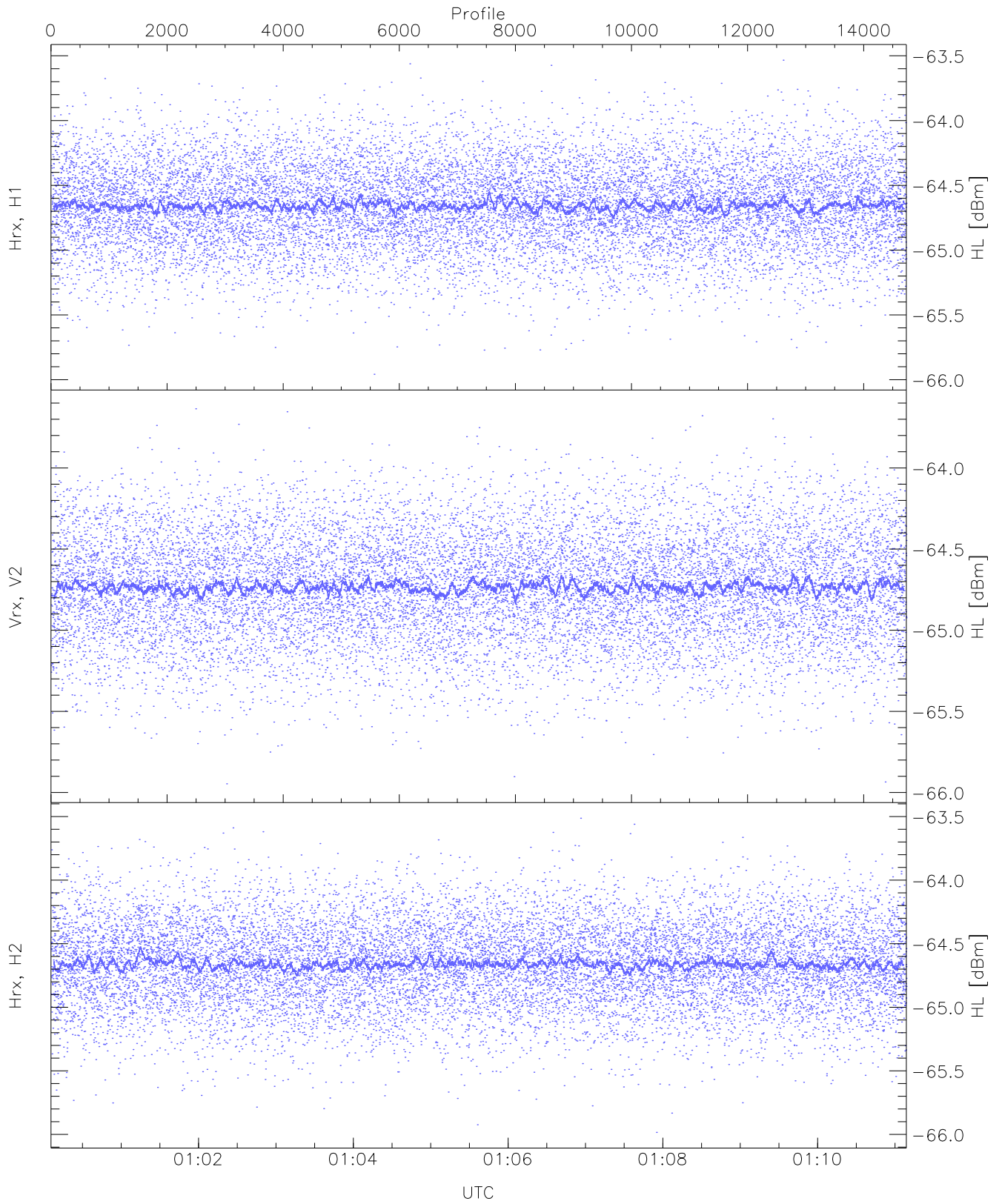
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.44	-65.20	-65.32	-65.32	-86.88
RMPHrxH1(std_dBm)	-76.05	-74.62	-75.34	-75.34	-89.15
RMPVrxV2(mean_dBm)	-65.11	-64.87	-64.99	-64.99	-86.15
RMPVrxV2(std_dBm)	-75.76	-74.25	-75.00	-75.00	-88.78
RMPHrxH2(mean_dBm)	-65.04	-64.78	-64.90	-64.90	-86.18
RMPHrxH2(std_dBm)	-75.74	-74.14	-74.91	-74.91	-88.66



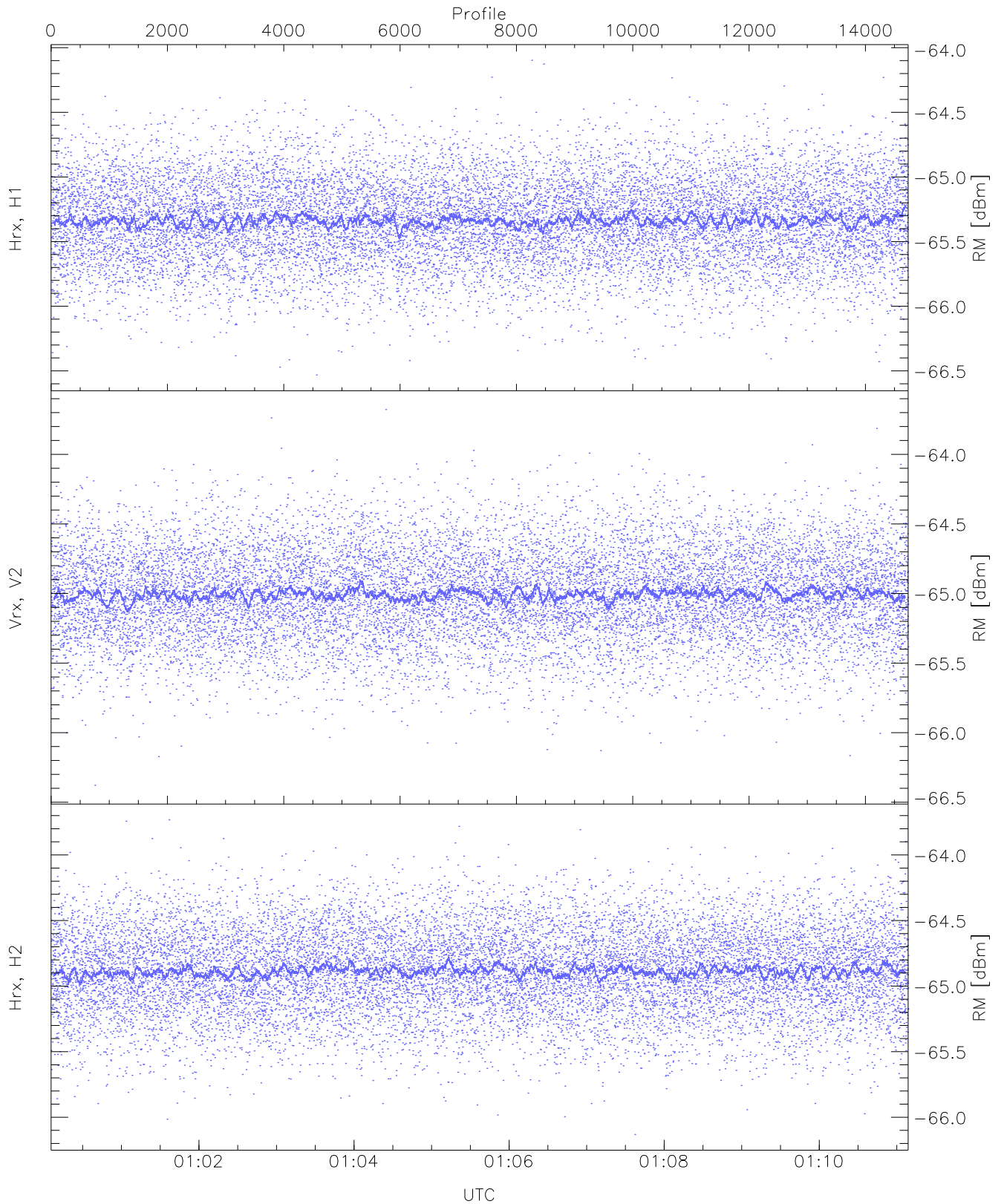
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.21	-63.71	-64.85	-64.85	-76.36
Vrx, V2(WL [dBm])	-66.23	-63.78	-64.91	-64.91	-76.48
Hrx, H2(WL [dBm])	-66.07	-63.84	-64.85	-64.85	-76.37



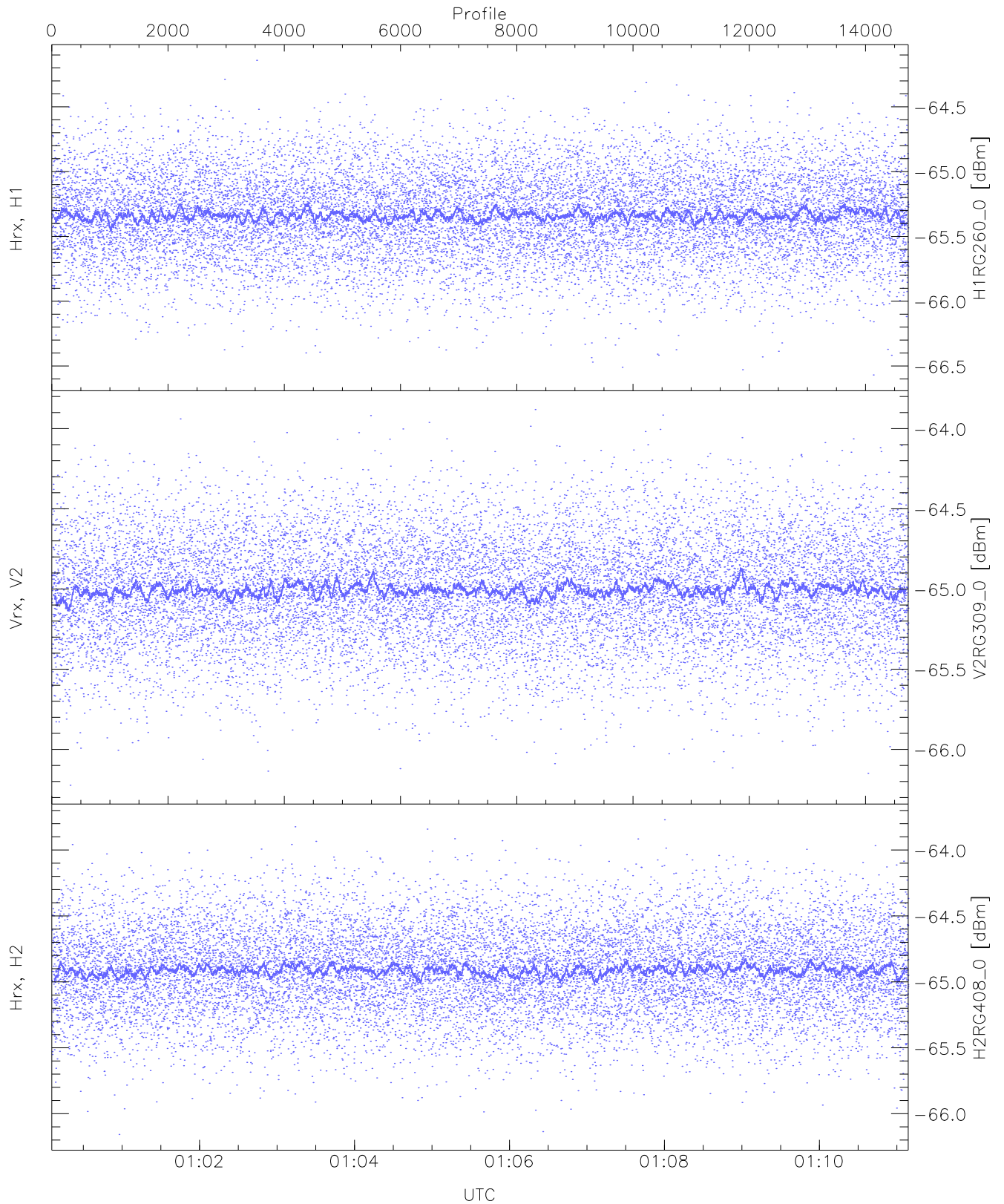
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.96	-63.53	-64.65	-64.66	-76.14
Vrx, V2 (HL [dBm])	-65.95	-63.64	-64.73	-64.73	-76.25
Hrx, H2 (HL [dBm])	-65.98	-63.51	-64.65	-64.66	-76.13



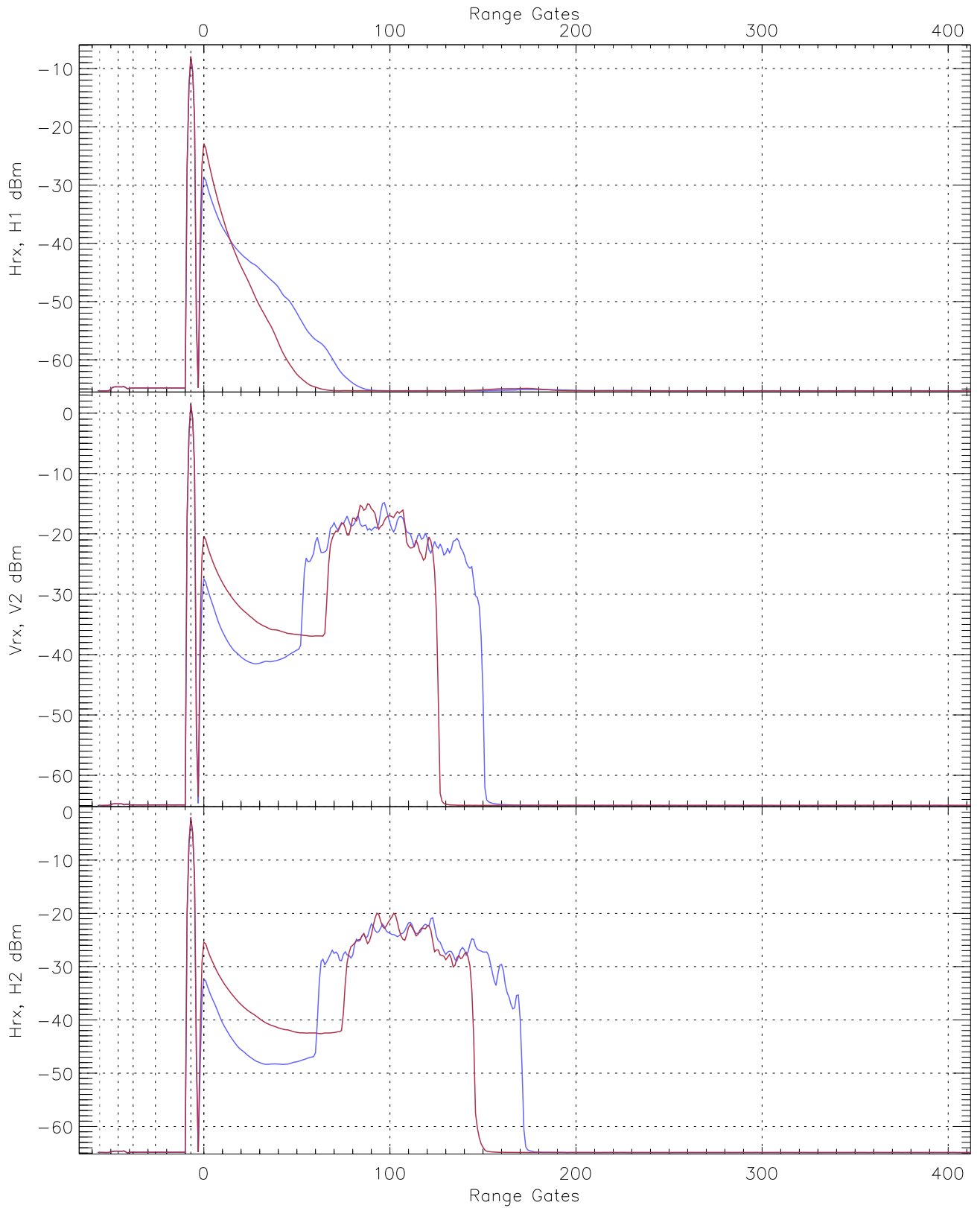
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.53	-64.10	-65.33	-65.34	-76.79
Vrx, V2 (RM [dBm])	-66.38	-63.68	-65.00	-65.01	-76.50
Hrx, H2 (RM [dBm])	-66.13	-63.73	-64.88	-64.89	-76.39

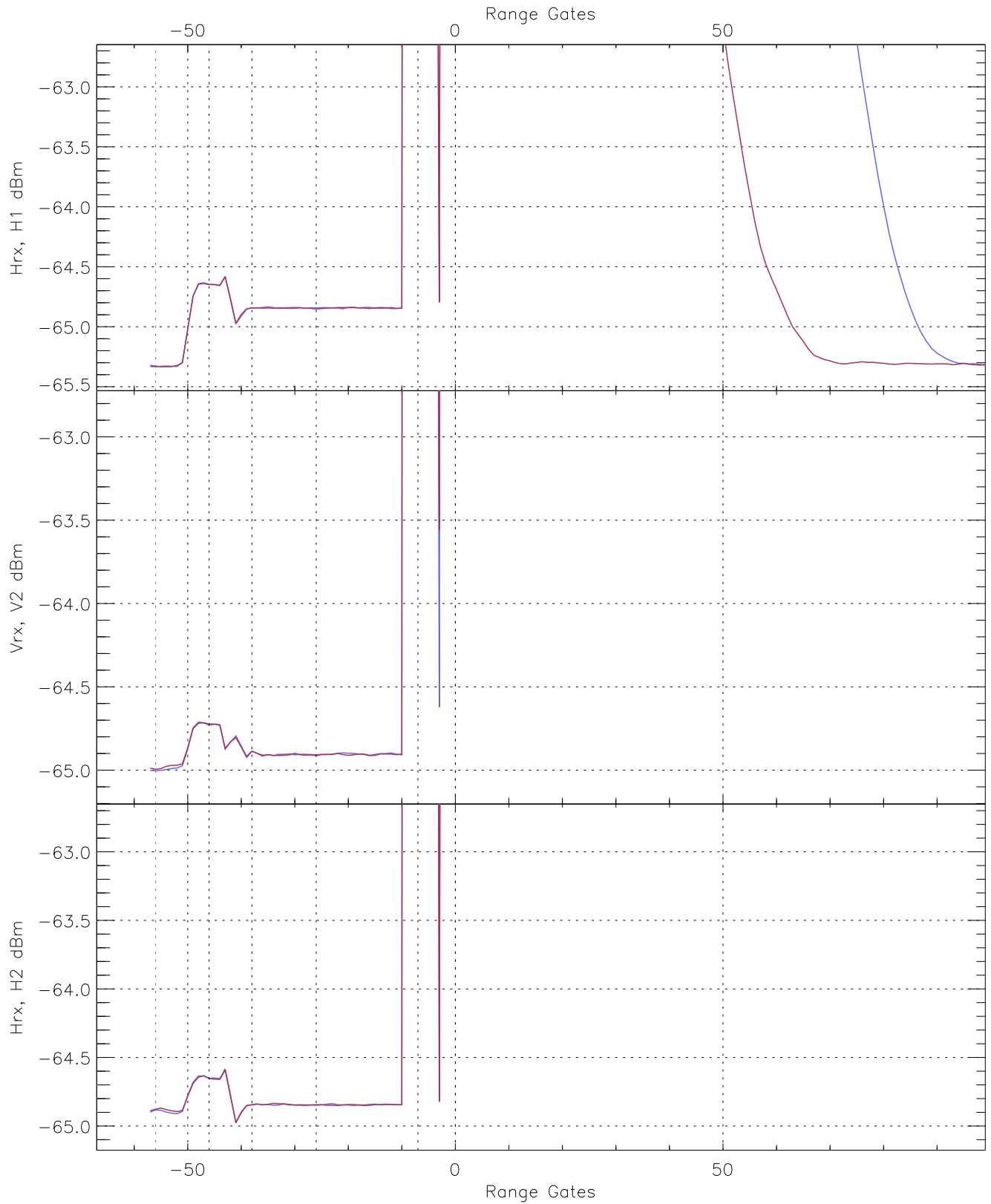


WCR3 CPP "Best" estimate Receivers Noise Power

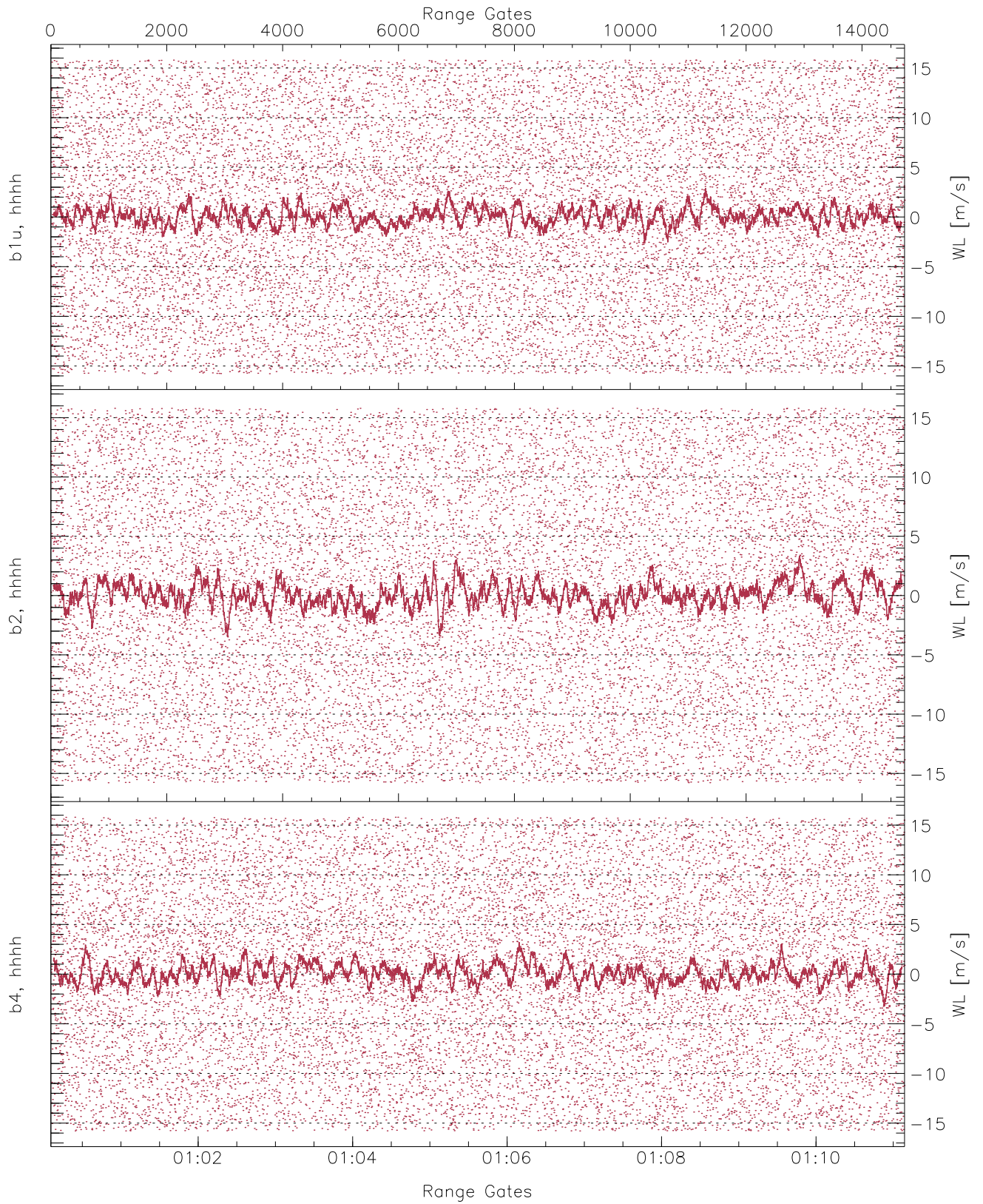
	Min	Max	Mean	Median	StDev
H1RG260_0 [dBm]	-66.57	-64.14	-65.33	-65.34	-76.83
V2RG309_0 [dBm]	-66.22	-63.88	-65.00	-65.01	-76.47
H2RG408_0 [dBm]	-66.16	-63.77	-64.91	-64.91	-76.42



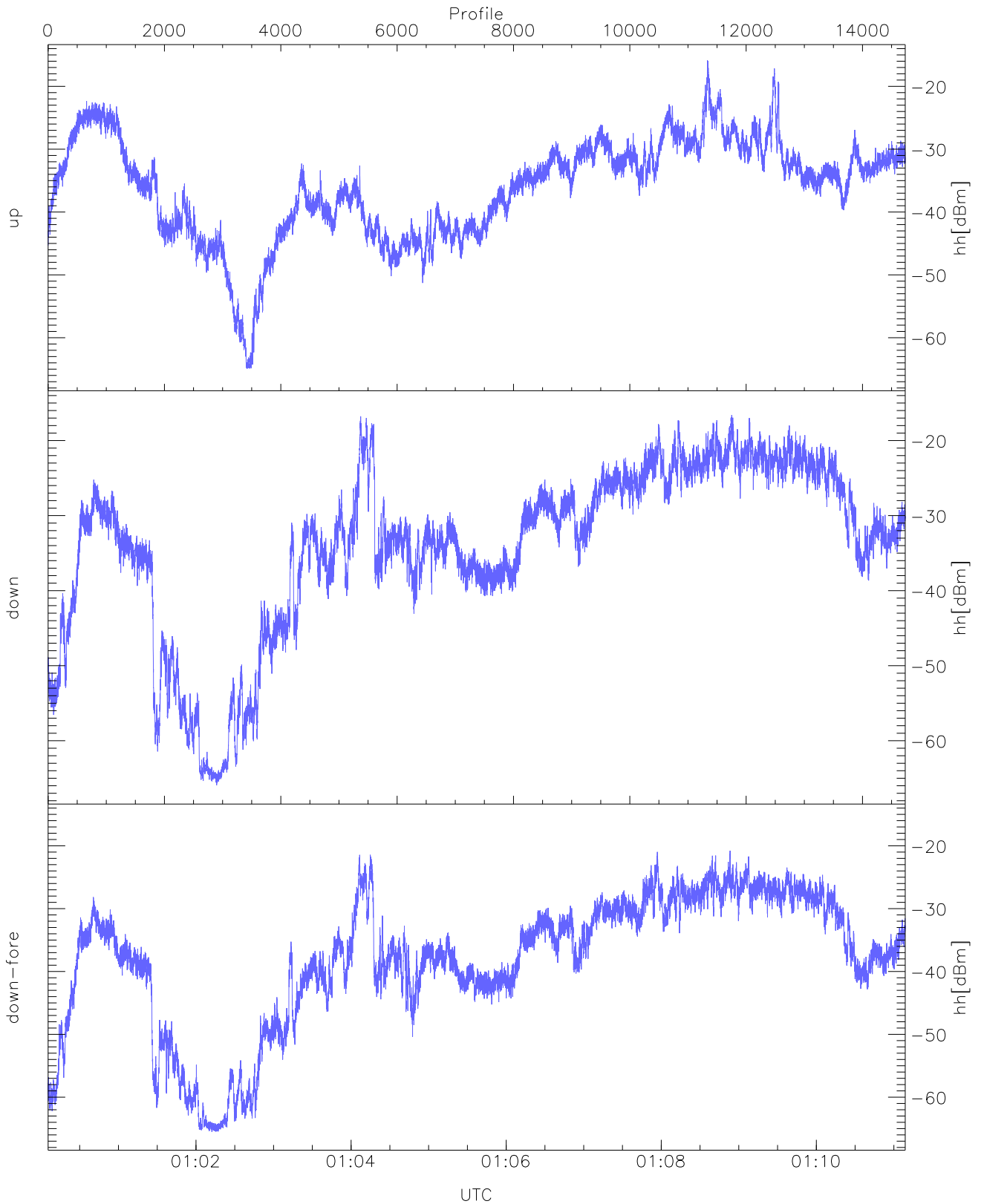
WCR3 CPP Averaged Received power for all recorded gates
blue: 010006-010537, 7369 profiles averaged
red: 010537-011109, 7368 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 010006-010537, 7369 profiles averaged
red: 010537-011109, 7368 profiles averaged

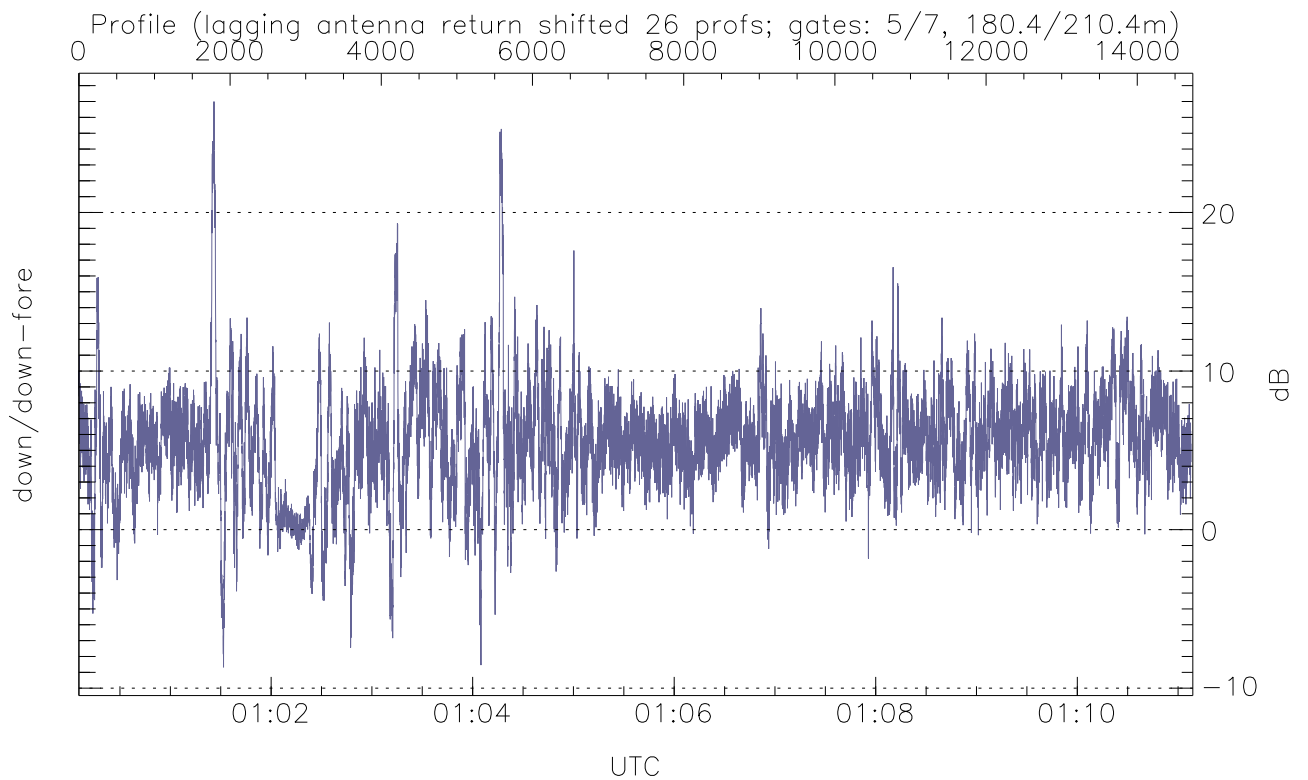
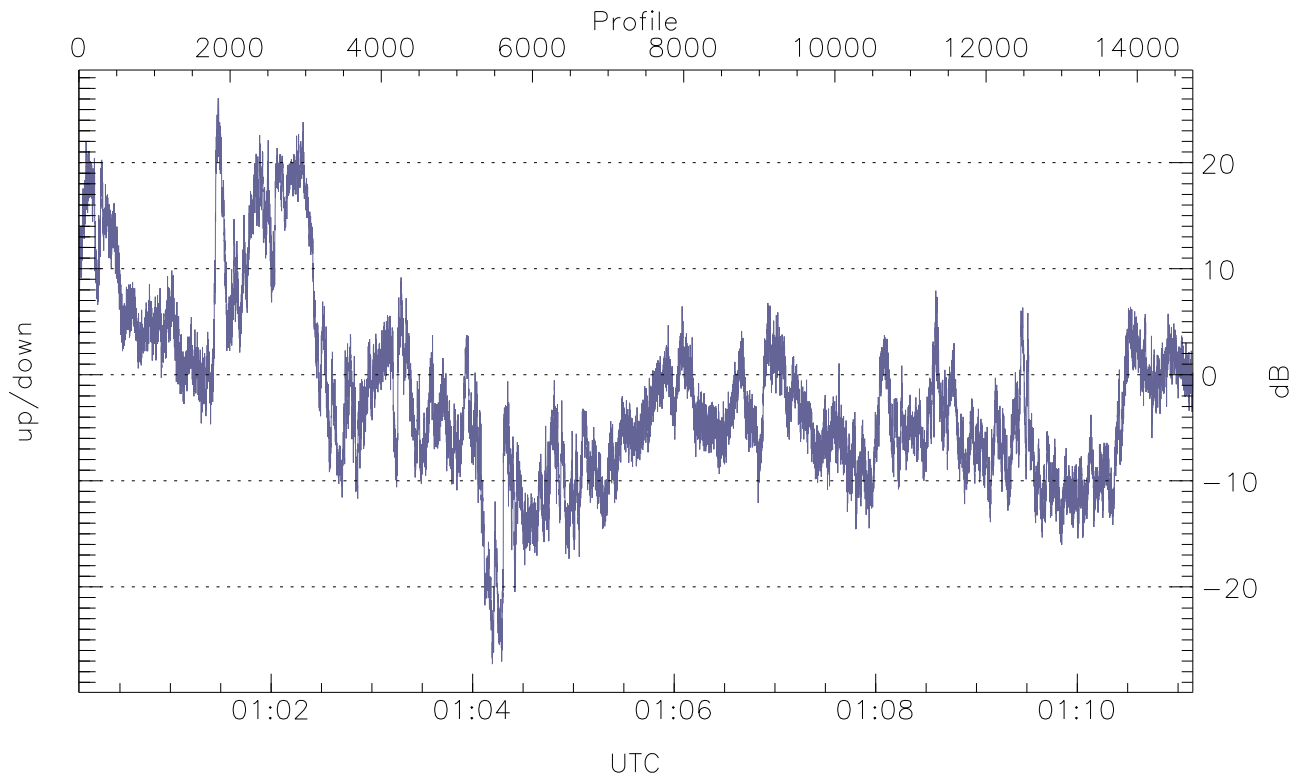


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



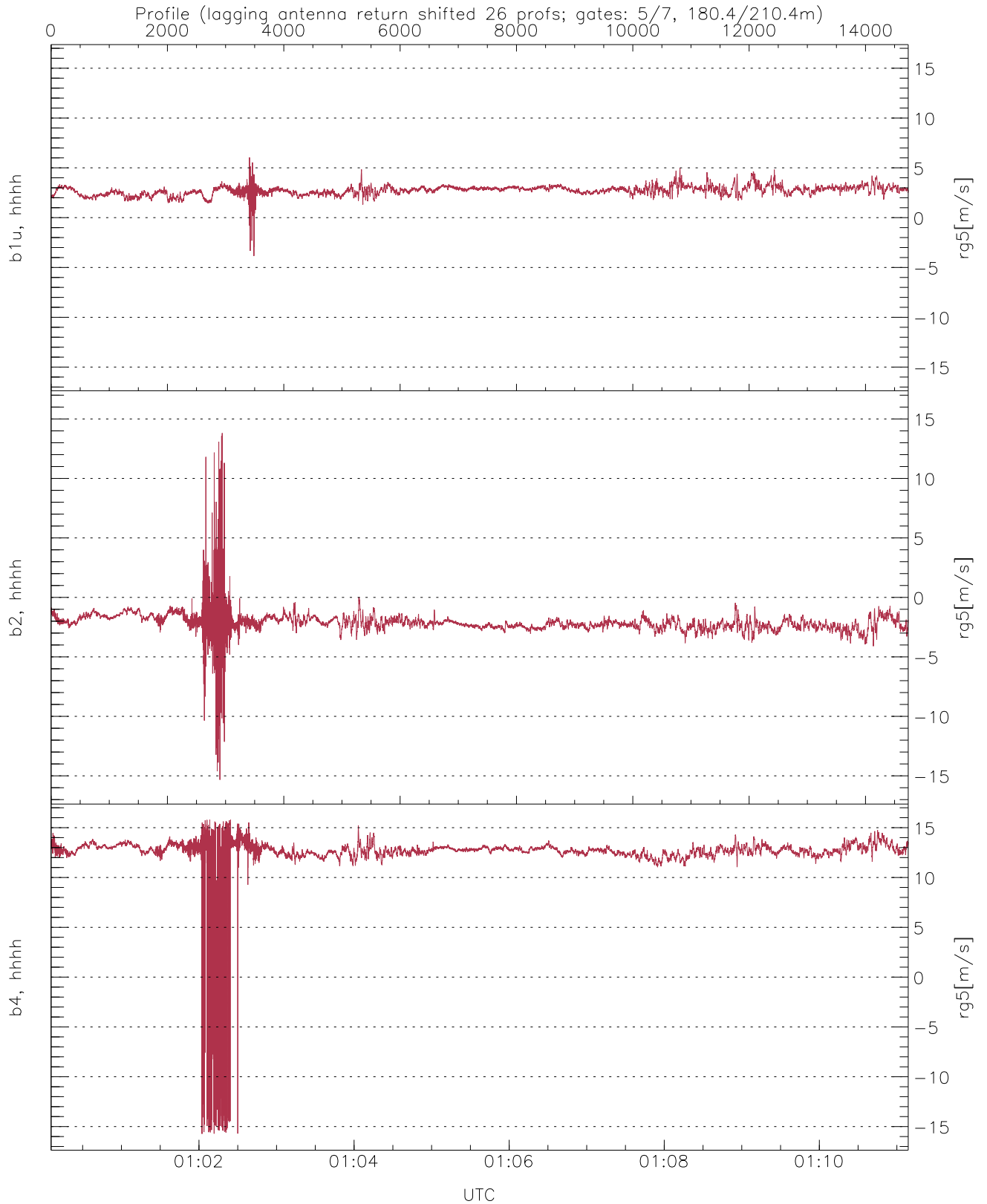
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-64.94	-15.86	-30.99
down(hh[dBm])	-65.93	-16.61	-27.00
down-fore(hh[dBm])	-65.50	-20.78	-31.58



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

	Min	Max	Mean
up/down (dB)	-27.28	26.06	-2.05
down/down-fore (dB)	-8.68	27.00	5.55



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-3.85	6.05	2.73	0.47
b2, hhhh(rg5[m/s])	-15.34	13.81	-2.11	0.88
b4, hhhh(rg5[m/s])	-15.73	15.78	12.49	2.44