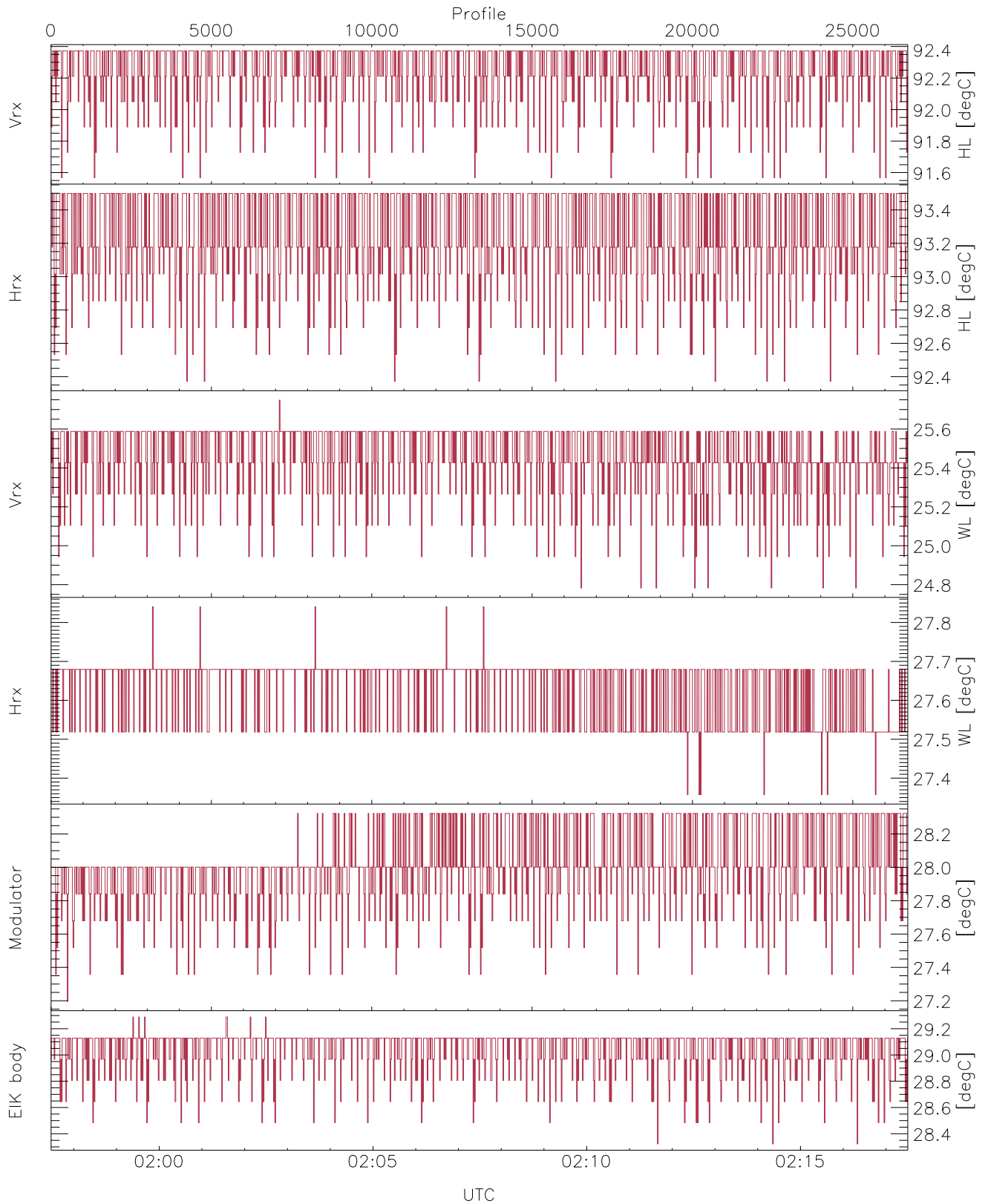


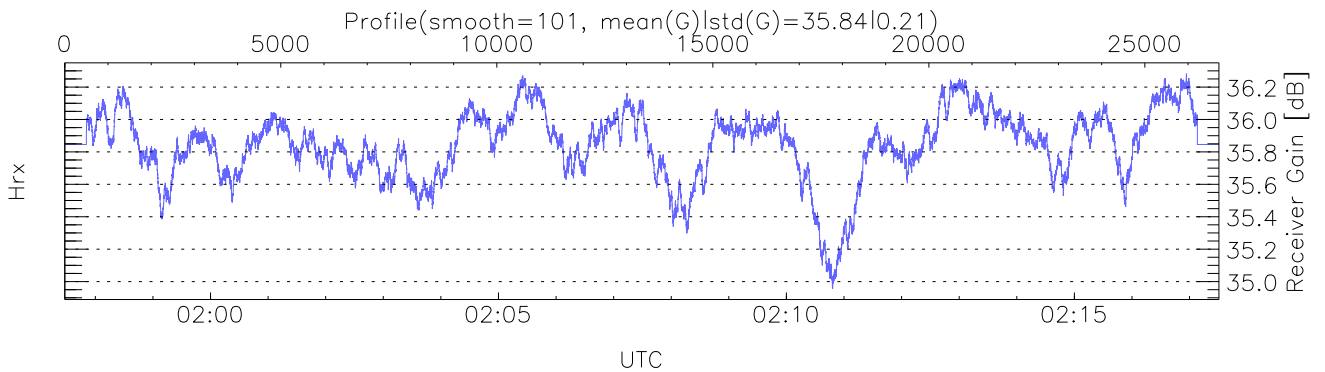
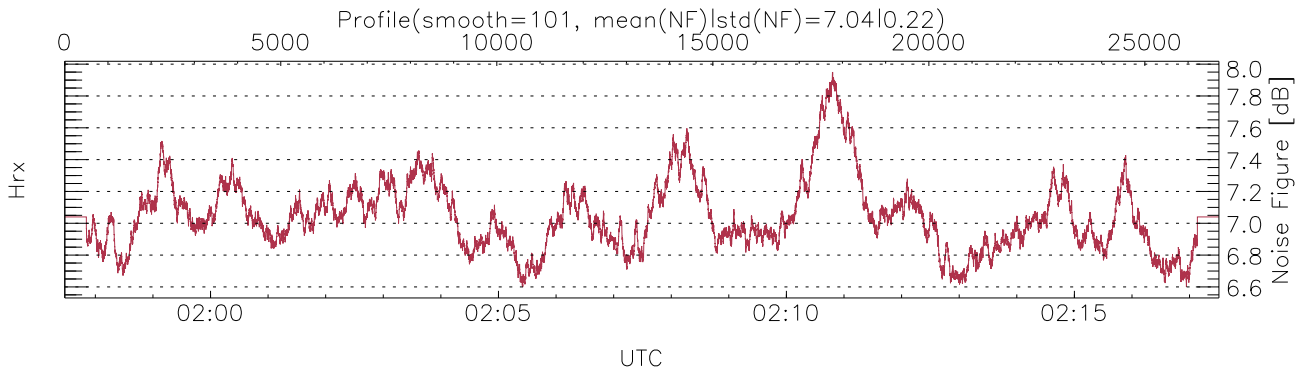
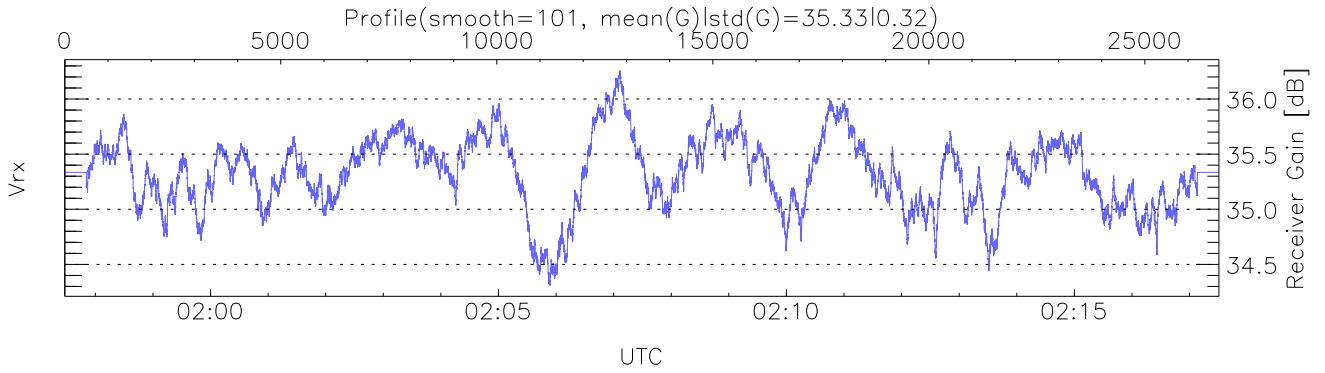
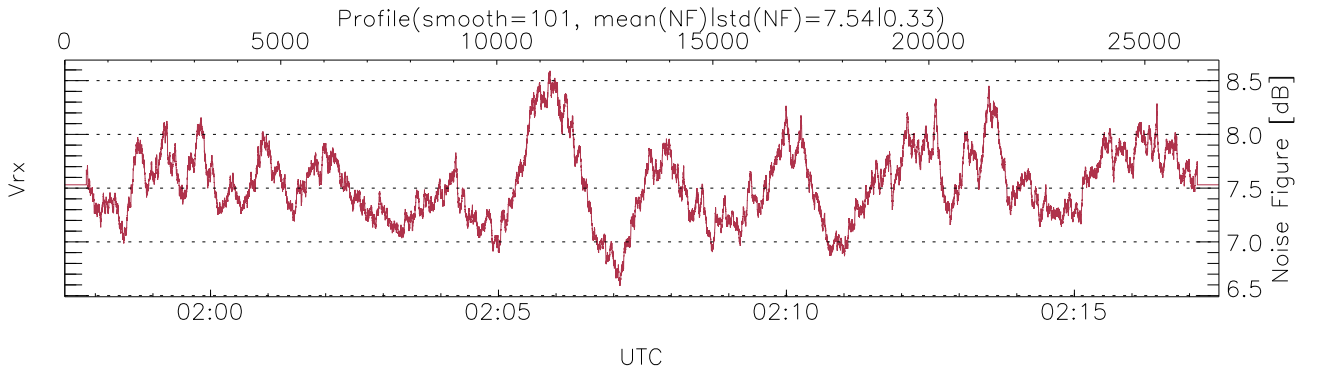
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 01:57:28-02:17:31, TimeCor: 0.00s, Dur: 1202.48s
 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): 26716/26716, 0-26715/01:57:28-02:17:31
 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 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



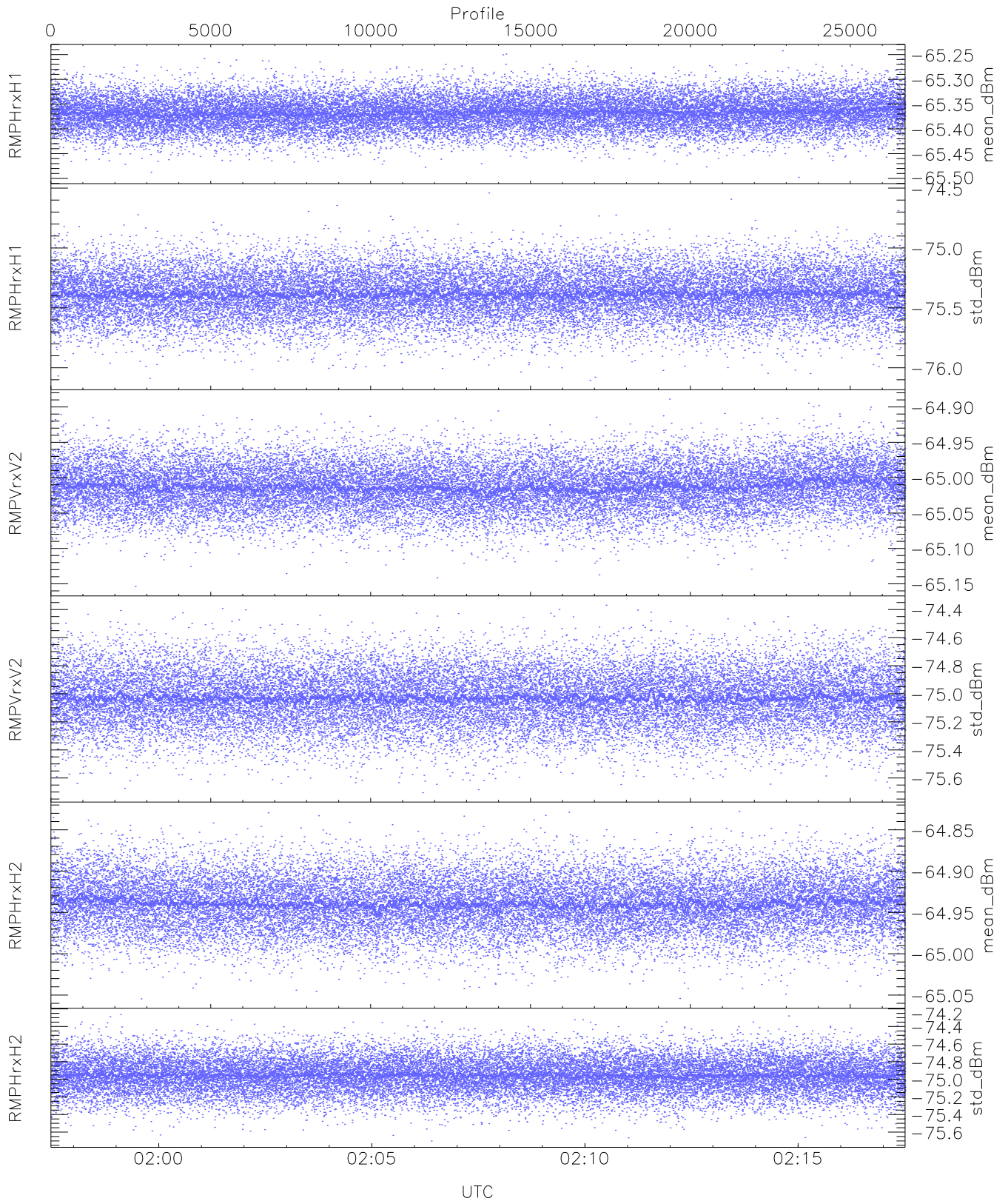
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,24,27,27,28`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,25,27,28,29`
`LOalarm(20,240,2817,14861 MHz): 0,0,24,0`
`EIK Faults(# prof affected):`
`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (22,22,22,22,22,22)`



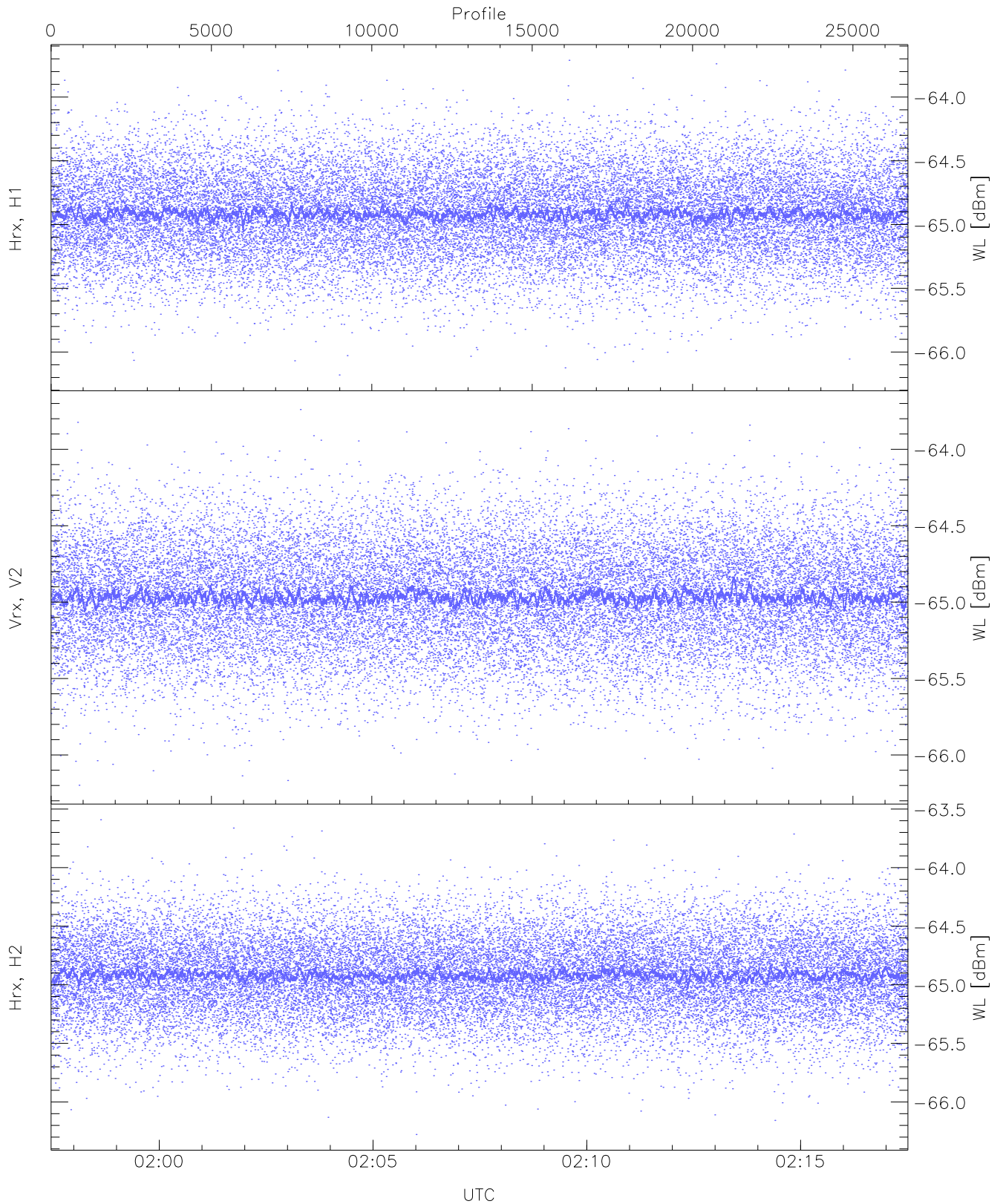
WCR3 CPP Receivers Gain and Noise Figure

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



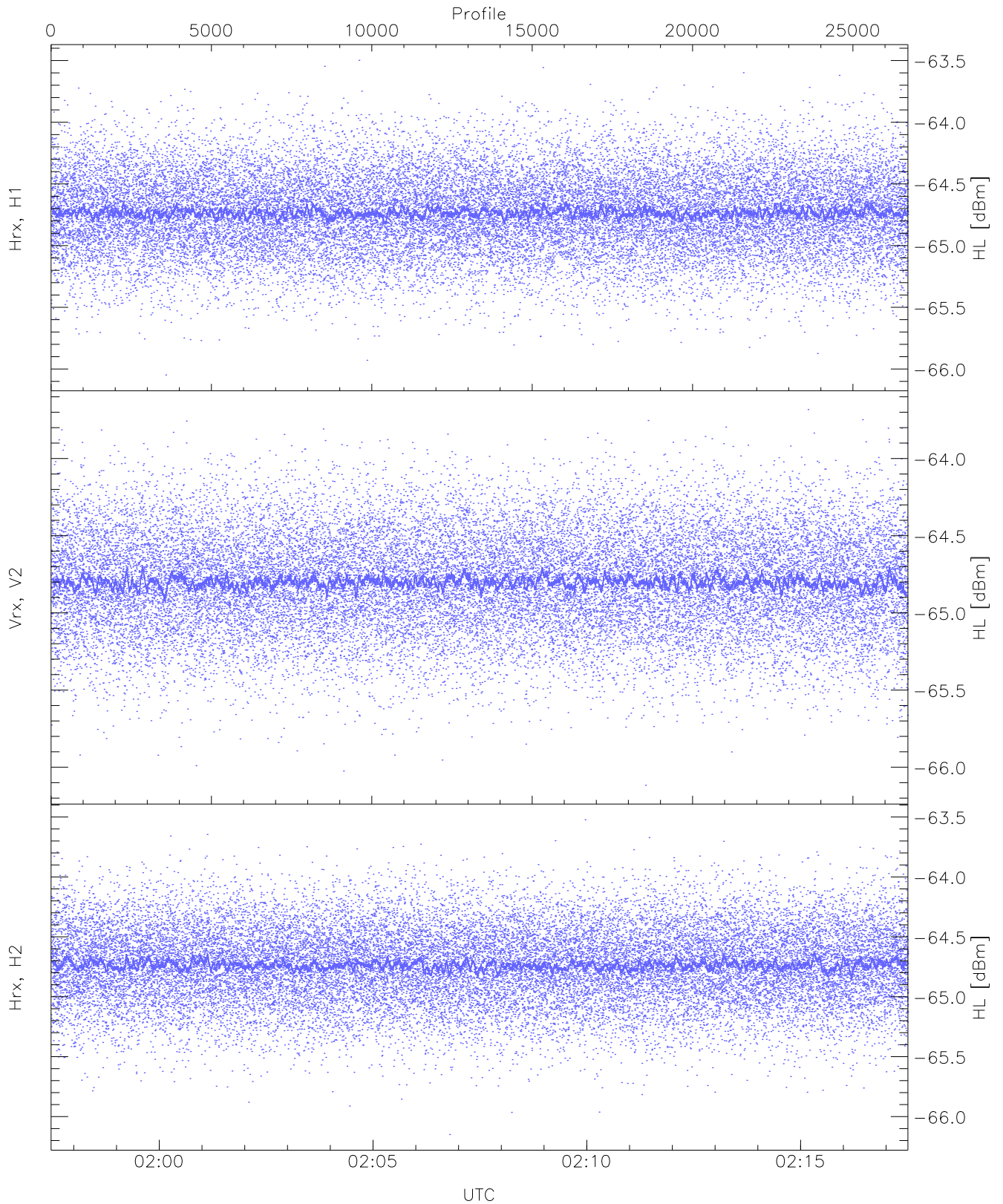
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.50	-65.24	-65.37	-65.37	-86.98
RMPHrxH1 (std_dBm)	-76.11	-74.54	-75.38	-75.39	-89.19
RMPVrxV2 (mean_dBm)	-65.15	-64.89	-65.01	-65.01	-86.55
RMPVrxV2 (std_dBm)	-75.70	-74.37	-75.03	-75.03	-88.82
RMPHrxH2 (mean_dBm)	-65.05	-64.83	-64.94	-64.94	-86.58
RMPHrxH2 (std_dBm)	-75.70	-74.26	-74.95	-74.96	-88.73



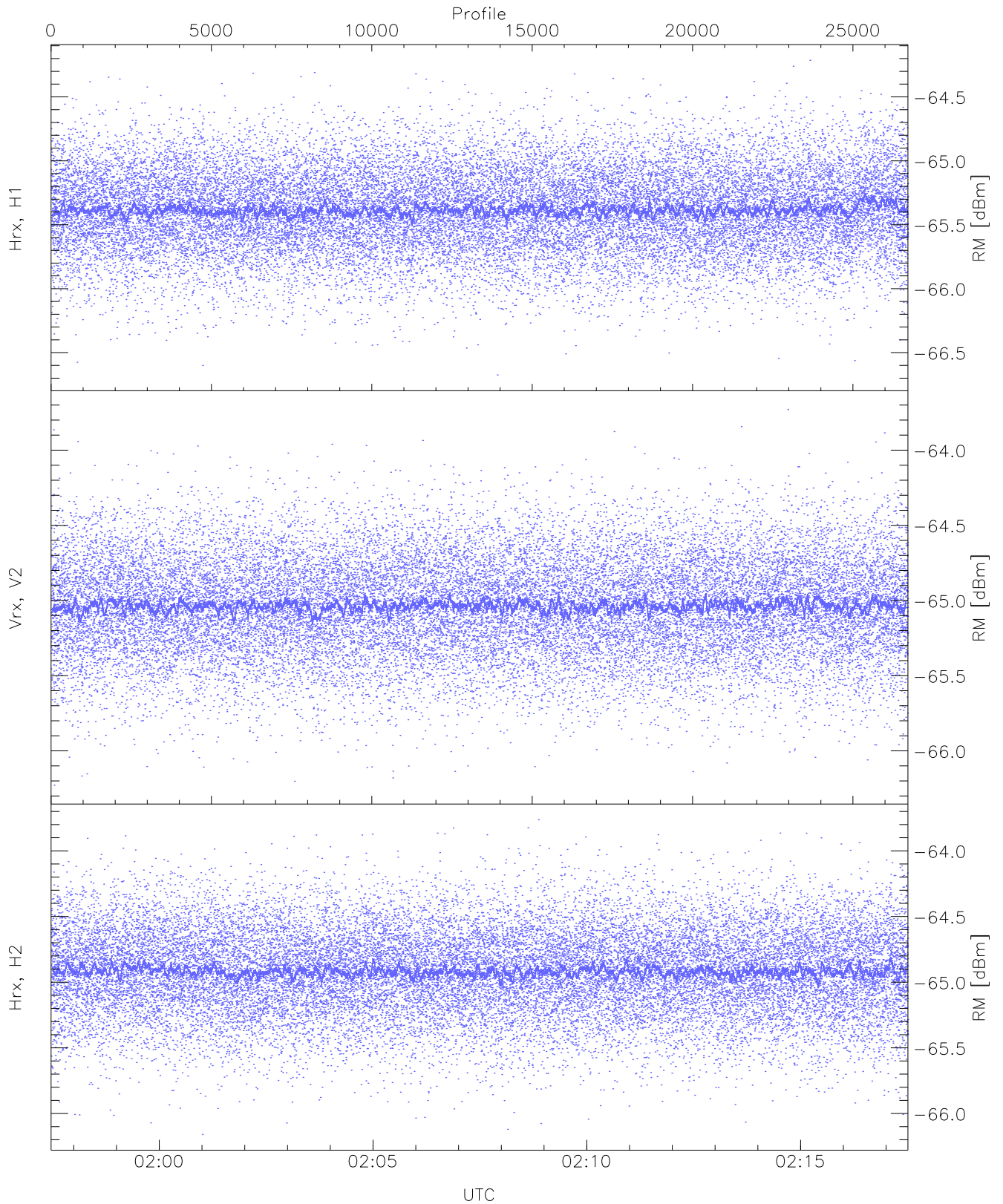
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.18	-63.71	-64.91	-64.92	-76.43
Vrx, V2 (WL [dBm])	-66.20	-63.74	-64.96	-64.97	-76.46
Hrx, H2 (WL [dBm])	-66.28	-63.59	-64.91	-64.92	-76.42



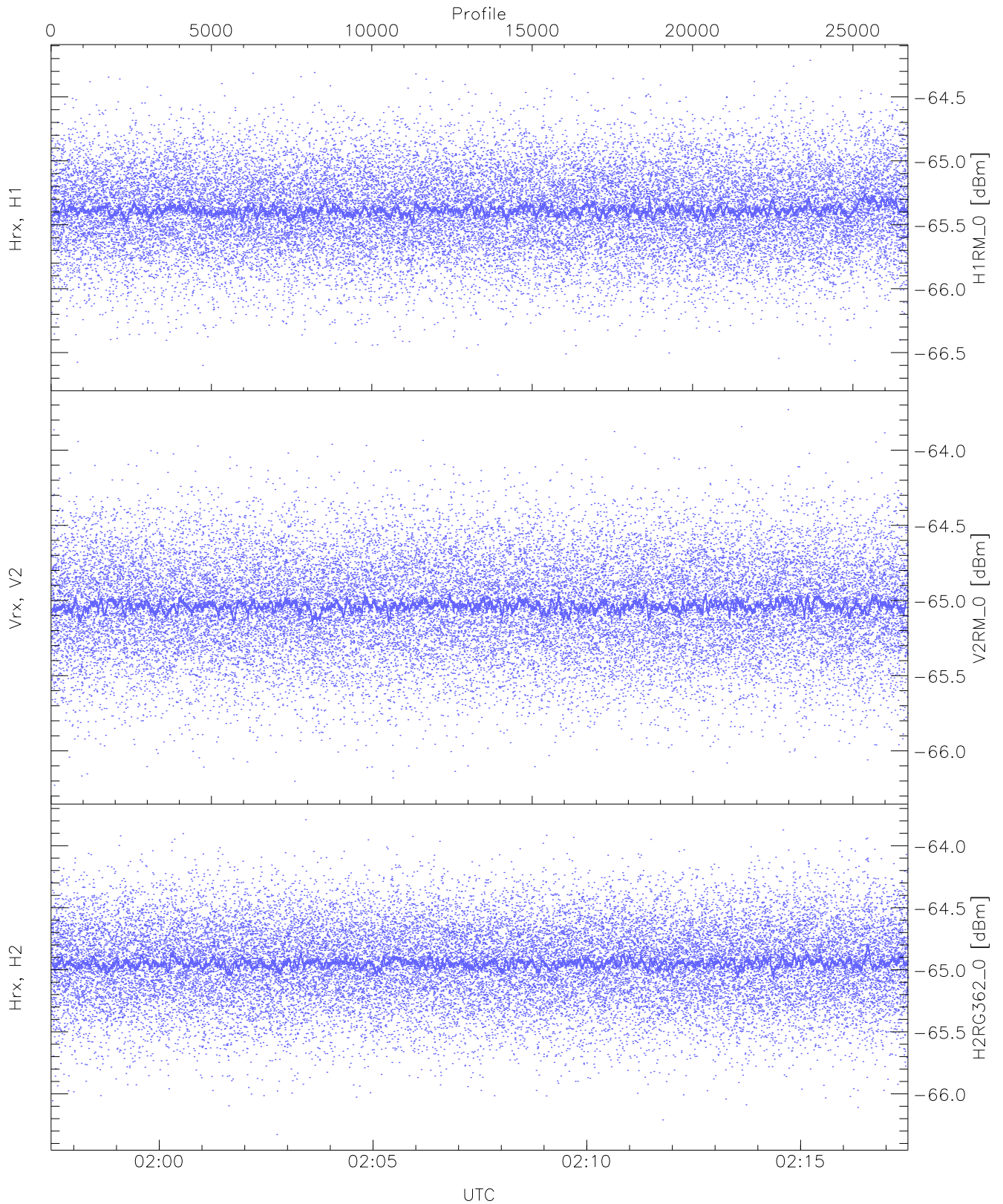
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.05	-63.50	-64.73	-64.74	-76.22
Vrx, V2 (HL [dBm])	-66.12	-63.68	-64.79	-64.80	-76.32
Hrx, H2 (HL [dBm])	-66.15	-63.52	-64.73	-64.74	-76.24



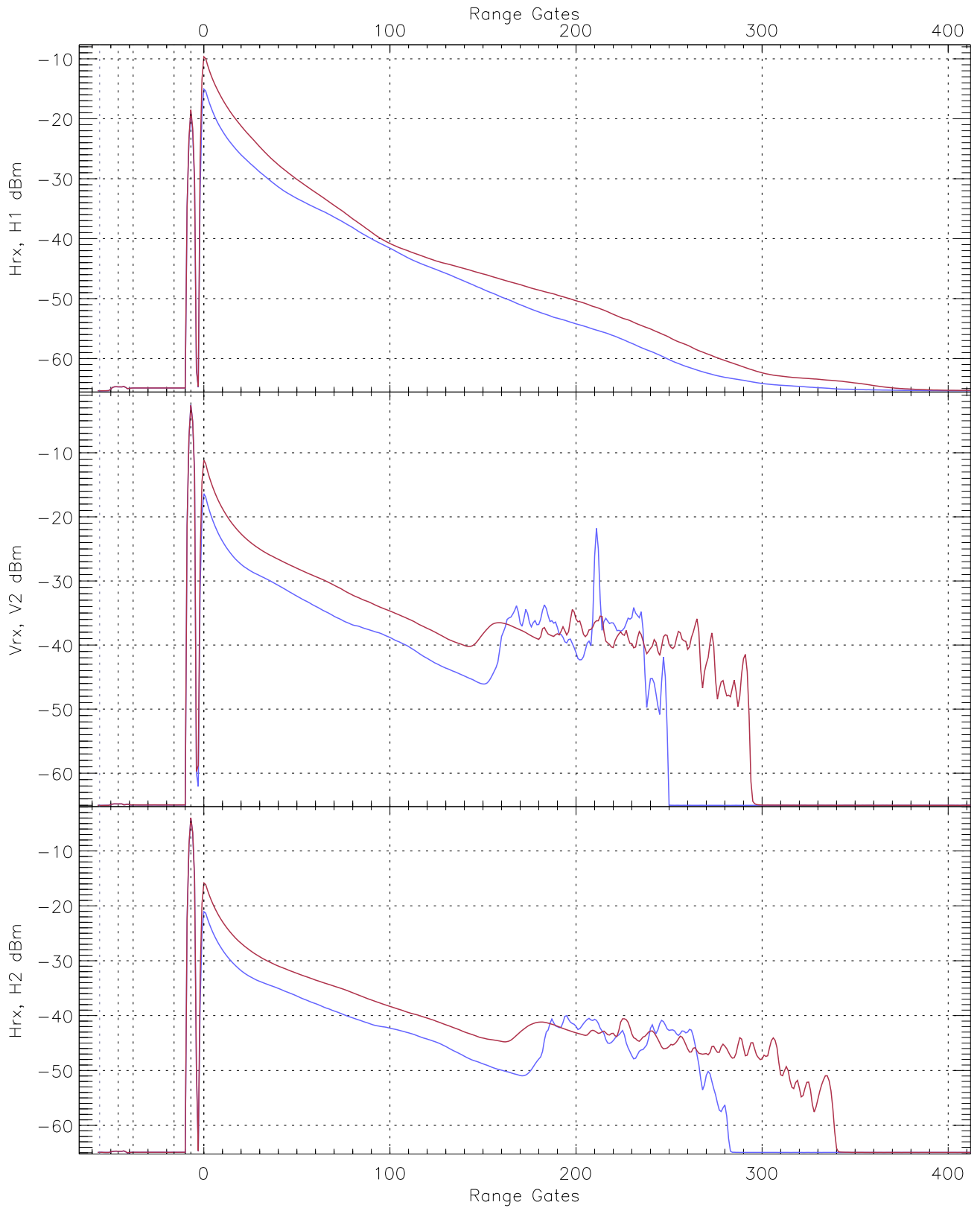
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.68	-64.21	-65.38	-65.39	-76.89
Vrx, V2 (RM [dBm])	-66.23	-63.73	-65.03	-65.04	-76.53
Hrx, H2 (RM [dBm])	-66.16	-63.76	-64.91	-64.92	-76.41

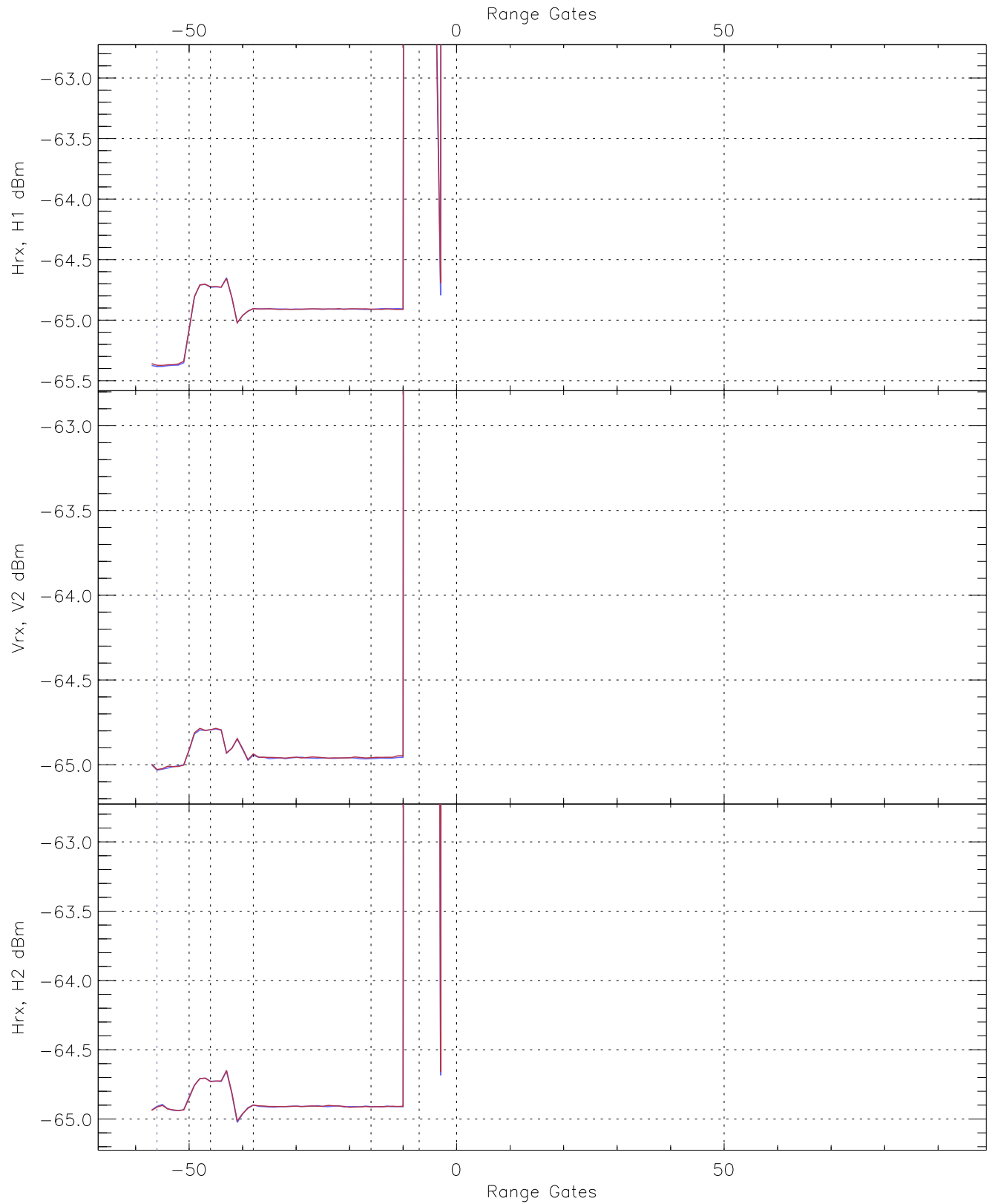


WCR3 CPP "Best" estimate Receivers Noise Power

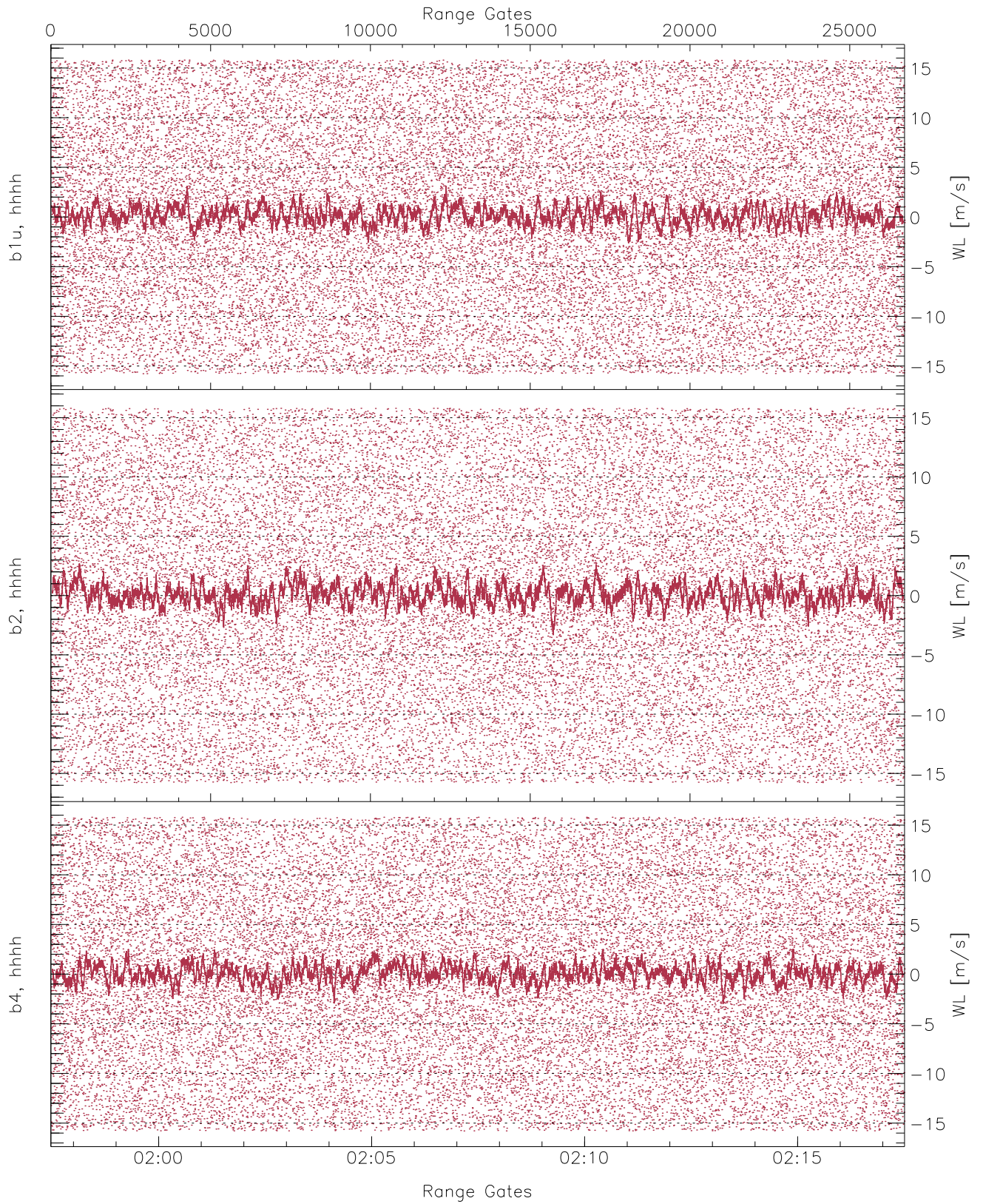
	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-66.68	-64.21	-65.38	-65.39	-76.89
V2RM_0 [dBm]	-66.23	-63.73	-65.03	-65.04	-76.53
H2RG362_0 [dBm]	-66.33	-63.79	-64.94	-64.94	-76.39



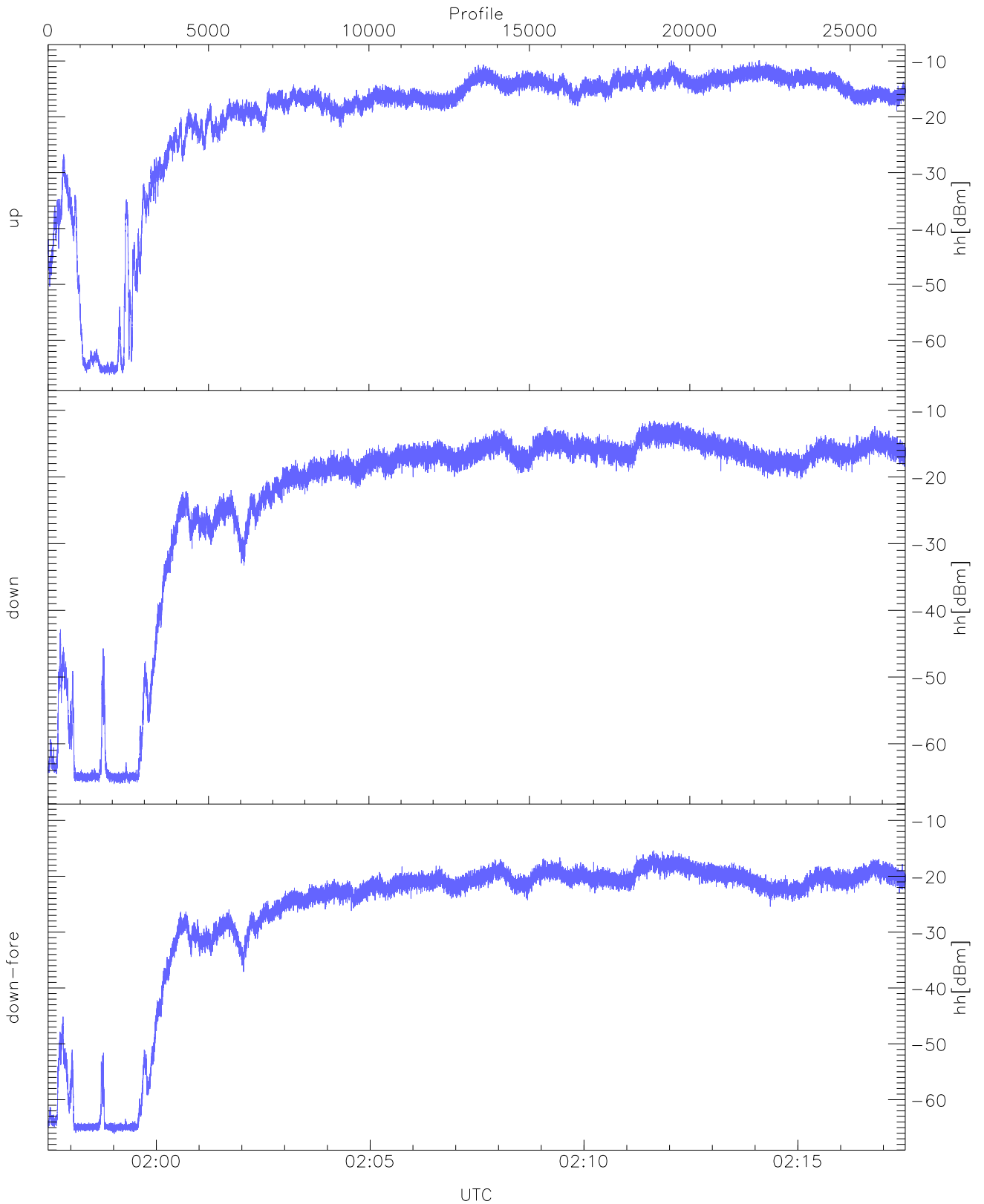
WCR3 CPP Averaged Received power for all recorded gates
blue: 015728-020729, 13359 profiles averaged
red: 020729-021731, 13358 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 015728-020729, 13359 profiles averaged
red: 020729-021731, 13358 profiles averaged

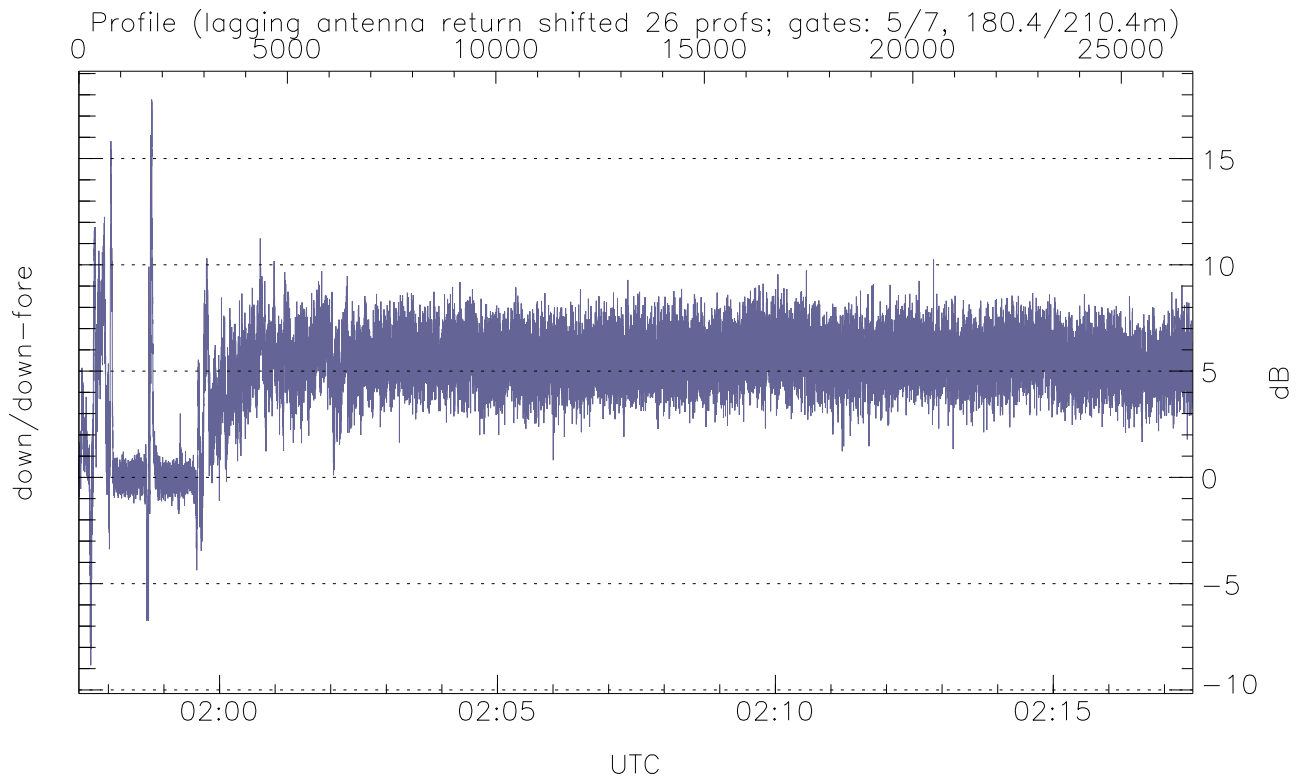
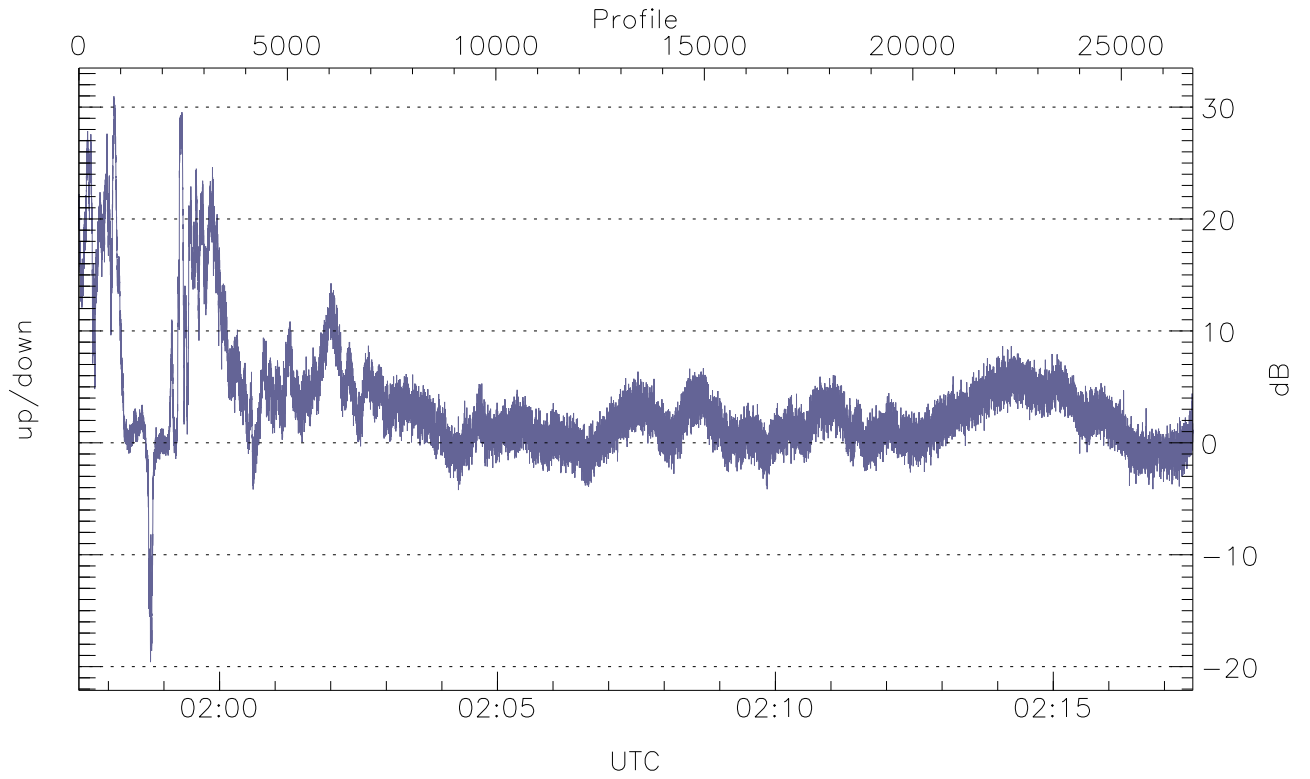


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



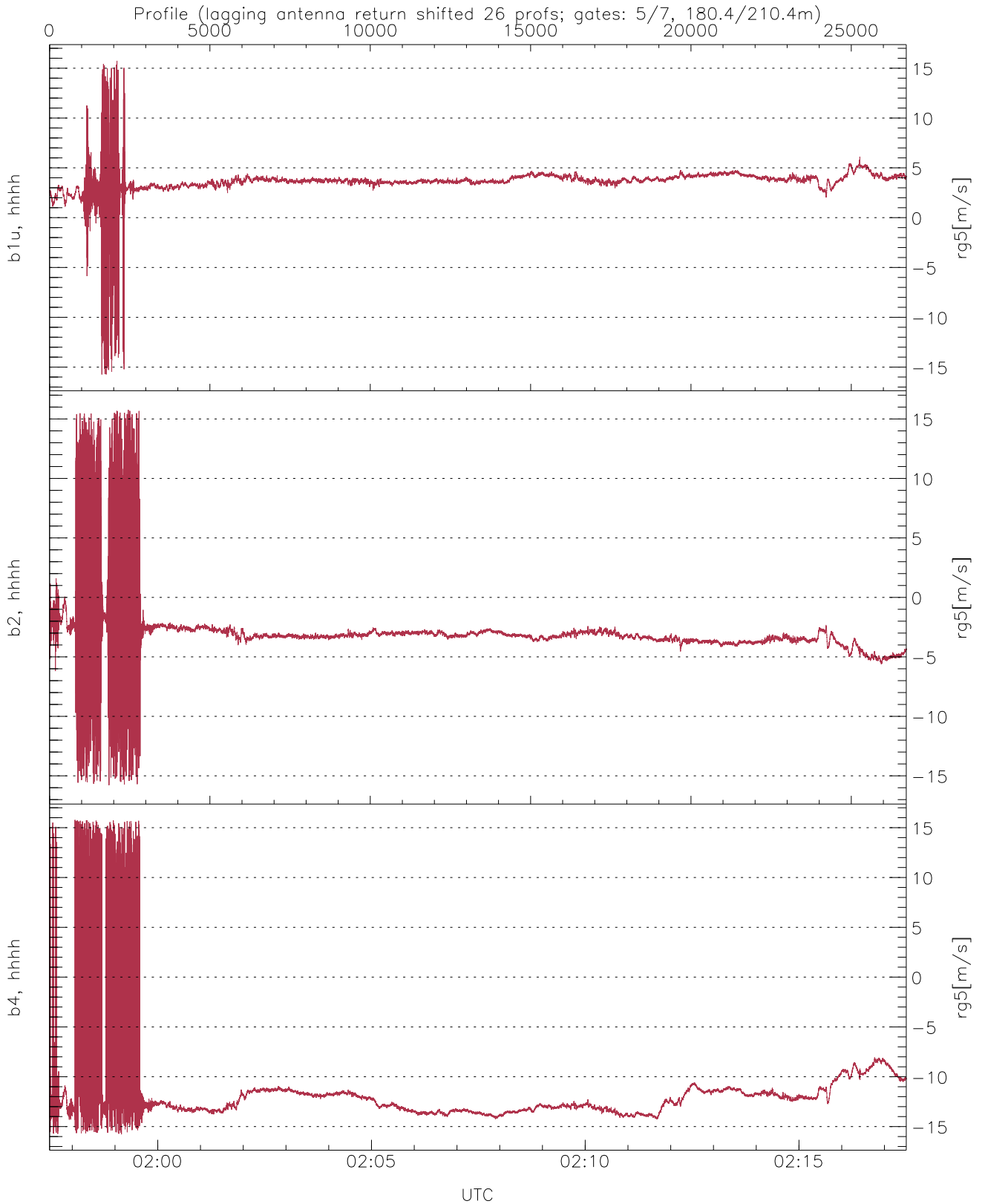
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.23	-9.88	-15.53
down(hh[dBm])	-66.03	-11.56	-17.39
down-fore(hh[dBm])	-66.12	-15.39	-21.62



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

	Min	Max	Mean
up/down (dB)	-19.59	30.96	3.36
down/down-fore (dB)	-8.84	17.78	5.07



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.74	15.74	3.63	1.29
b2, hhhh(rg5[m/s])	-15.78	15.76	-3.06	2.27
b4, hhhh(rg5[m/s])	-15.78	15.78	-11.50	4.03