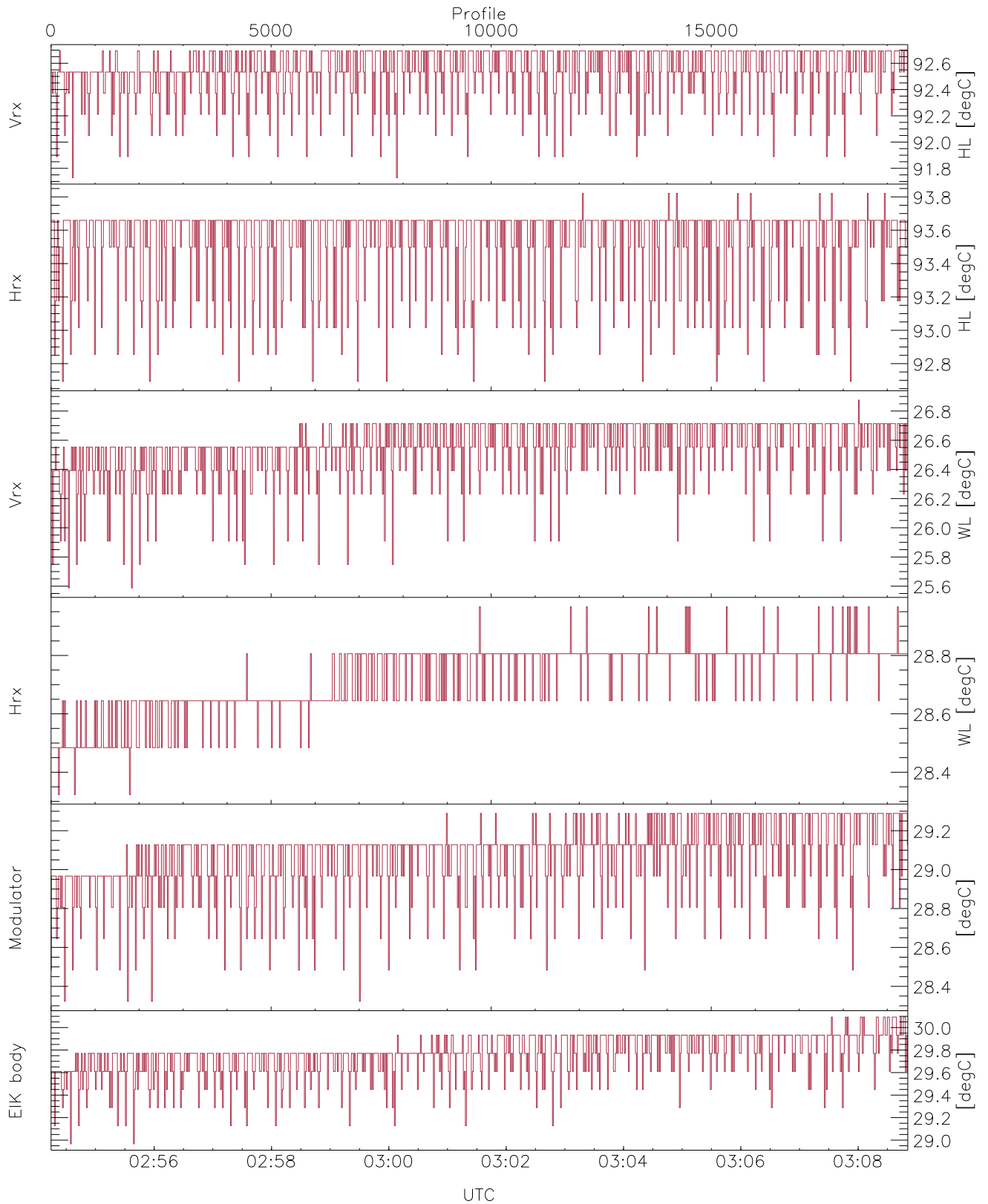


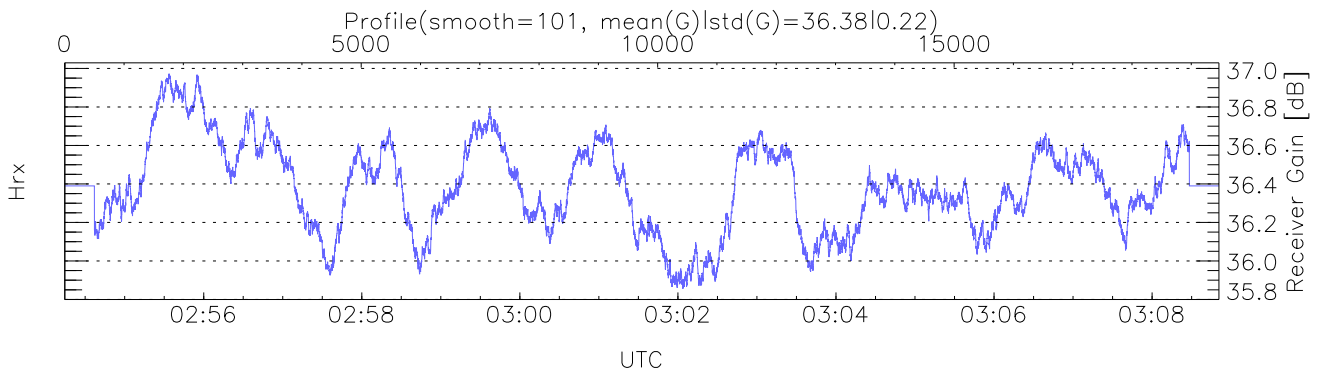
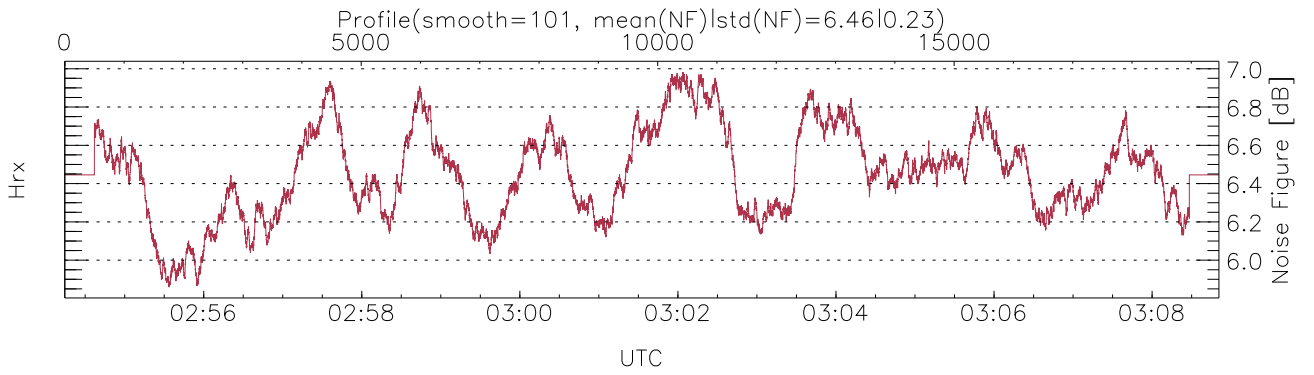
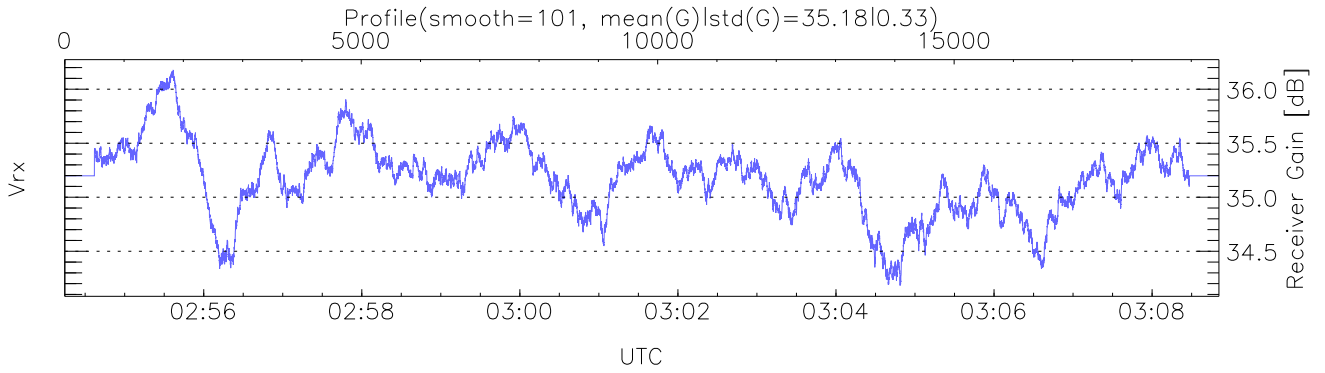
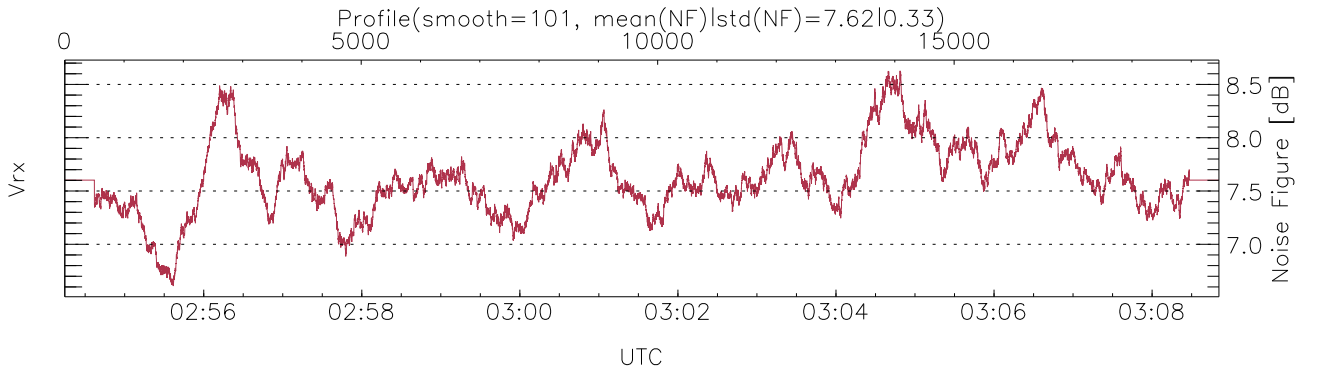
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 02:54:15-03:08:51, TimeCor: 0.00s, Dur: 876.23s
 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): 19468/19468, 0-19467/02:54:15-03:08:51
 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,rqs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



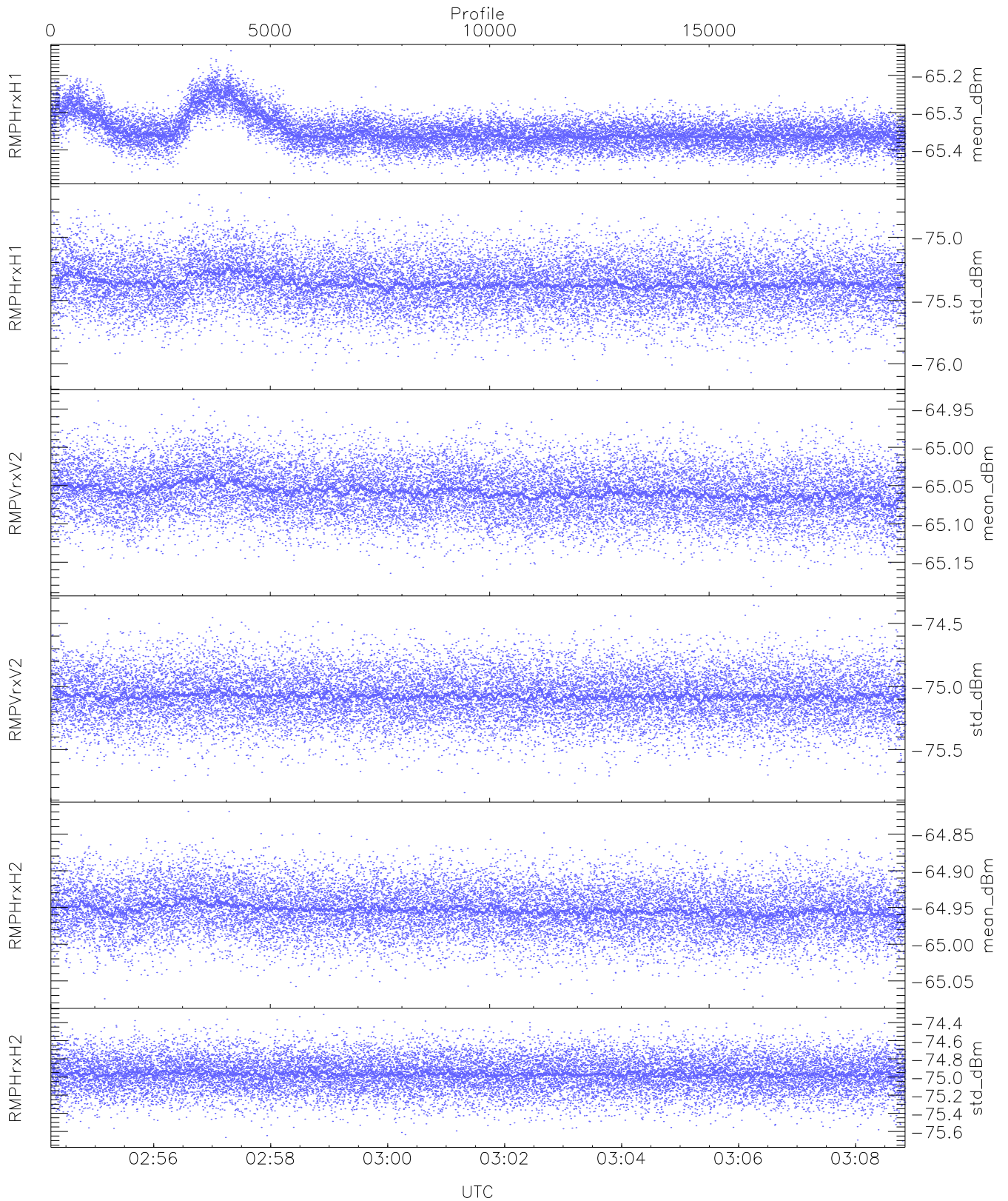
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,25,28,28,28
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,26,28,29,30
LOalarm(20,240,2817,14861 MHz): 0,0,22,0
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (22,22,22,44,22,22)



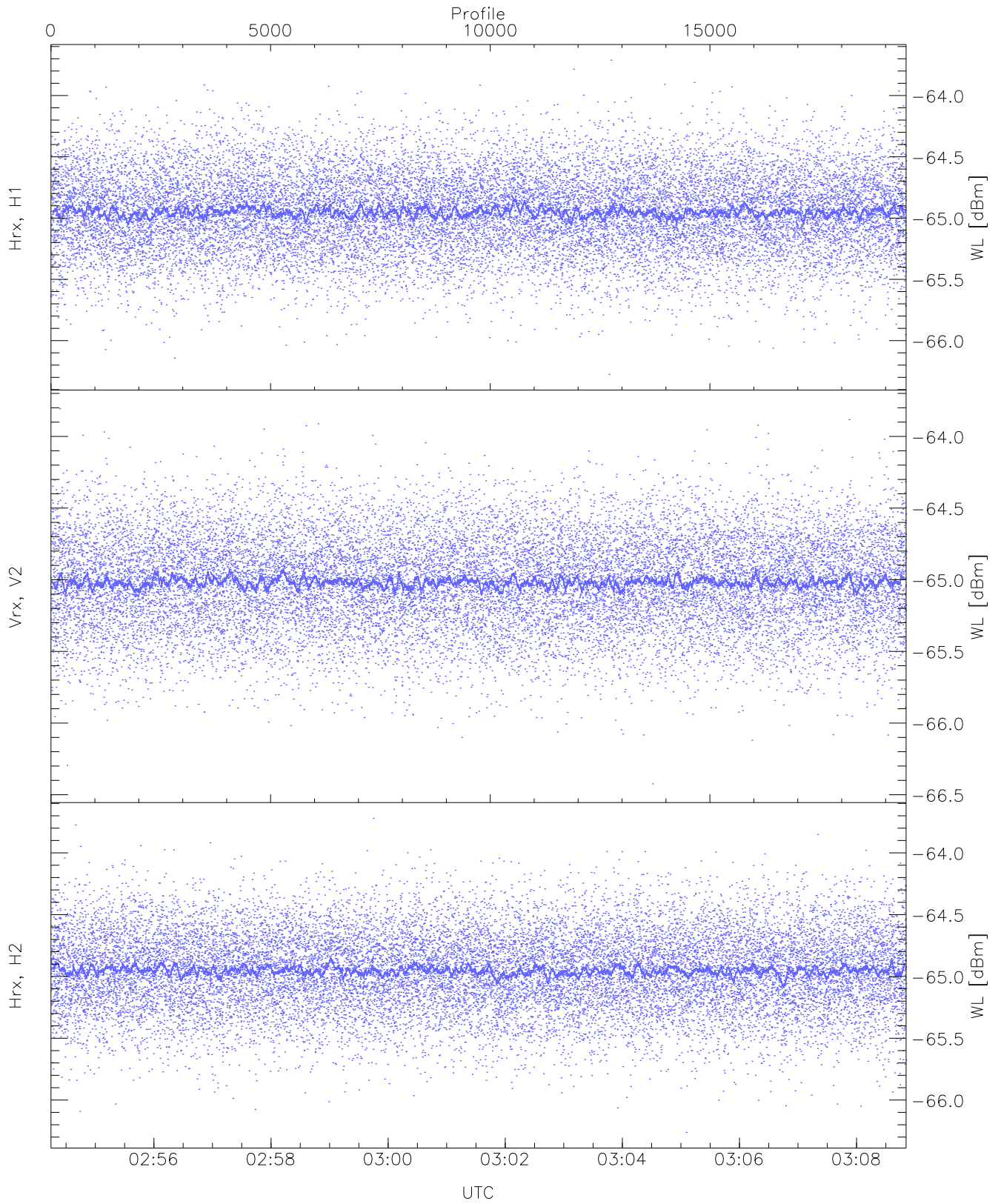
WCR3 CPP Receivers Gain and Noise Figure

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



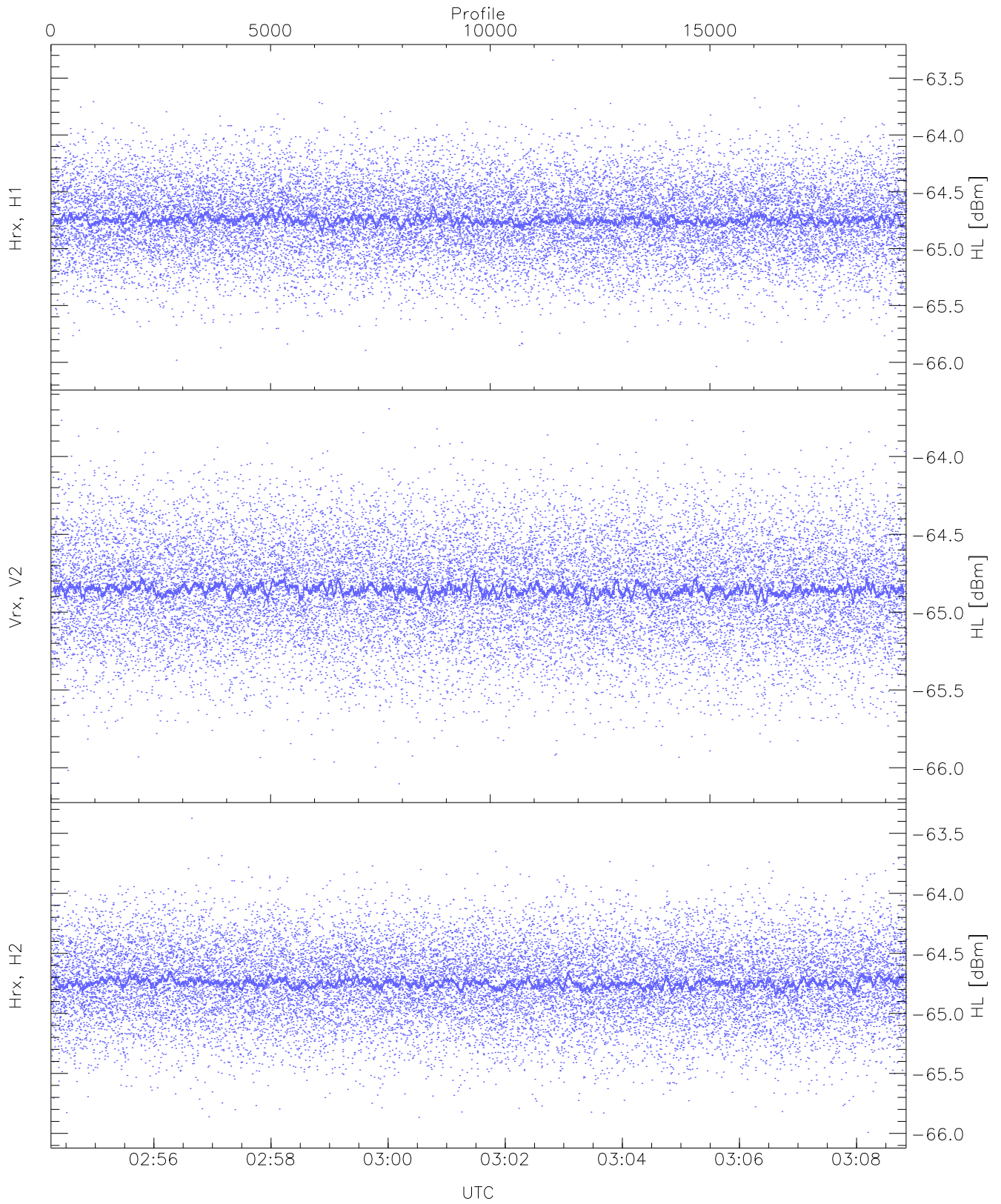
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.47	-65.13	-65.35	-65.35	-85.33
RMPHrxH1 (std_dBm)	-76.13	-74.65	-75.36	-75.36	-89.11
RMPVrxV2 (mean_dBm)	-65.18	-64.94	-65.06	-65.06	-86.55
RMPVrxV2 (std_dBm)	-75.84	-74.36	-75.07	-75.08	-88.83
RMPHrxH2 (mean_dBm)	-65.07	-64.82	-64.95	-64.95	-86.50
RMPHrxH2 (std_dBm)	-75.71	-74.31	-74.97	-74.97	-88.78



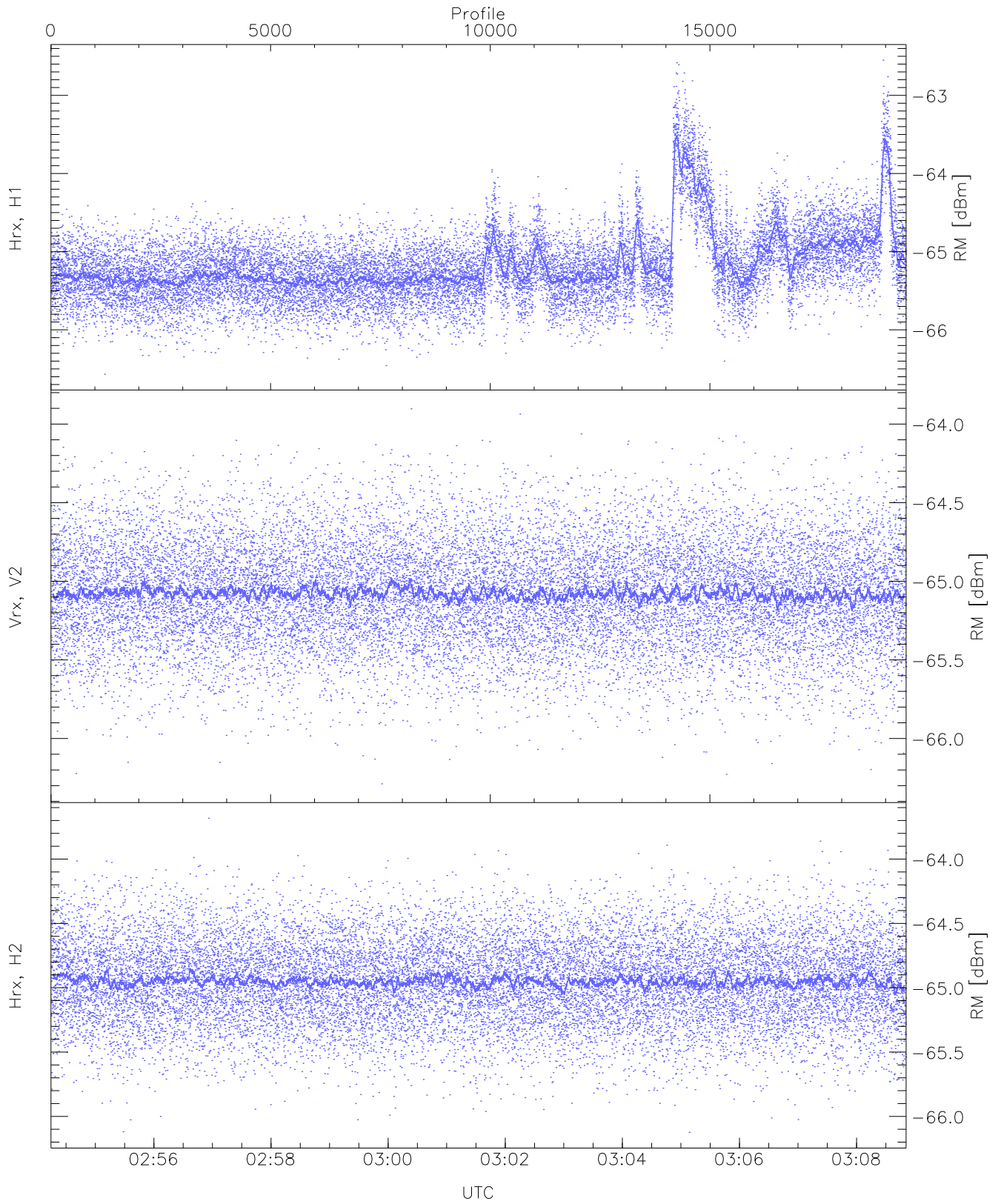
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.28	-63.71	-64.94	-64.95	-76.42
Vrx, V2 (WL [dBm])	-66.42	-63.81	-65.01	-65.02	-76.52
Hrx, H2 (WL [dBm])	-66.26	-63.72	-64.95	-64.95	-76.47



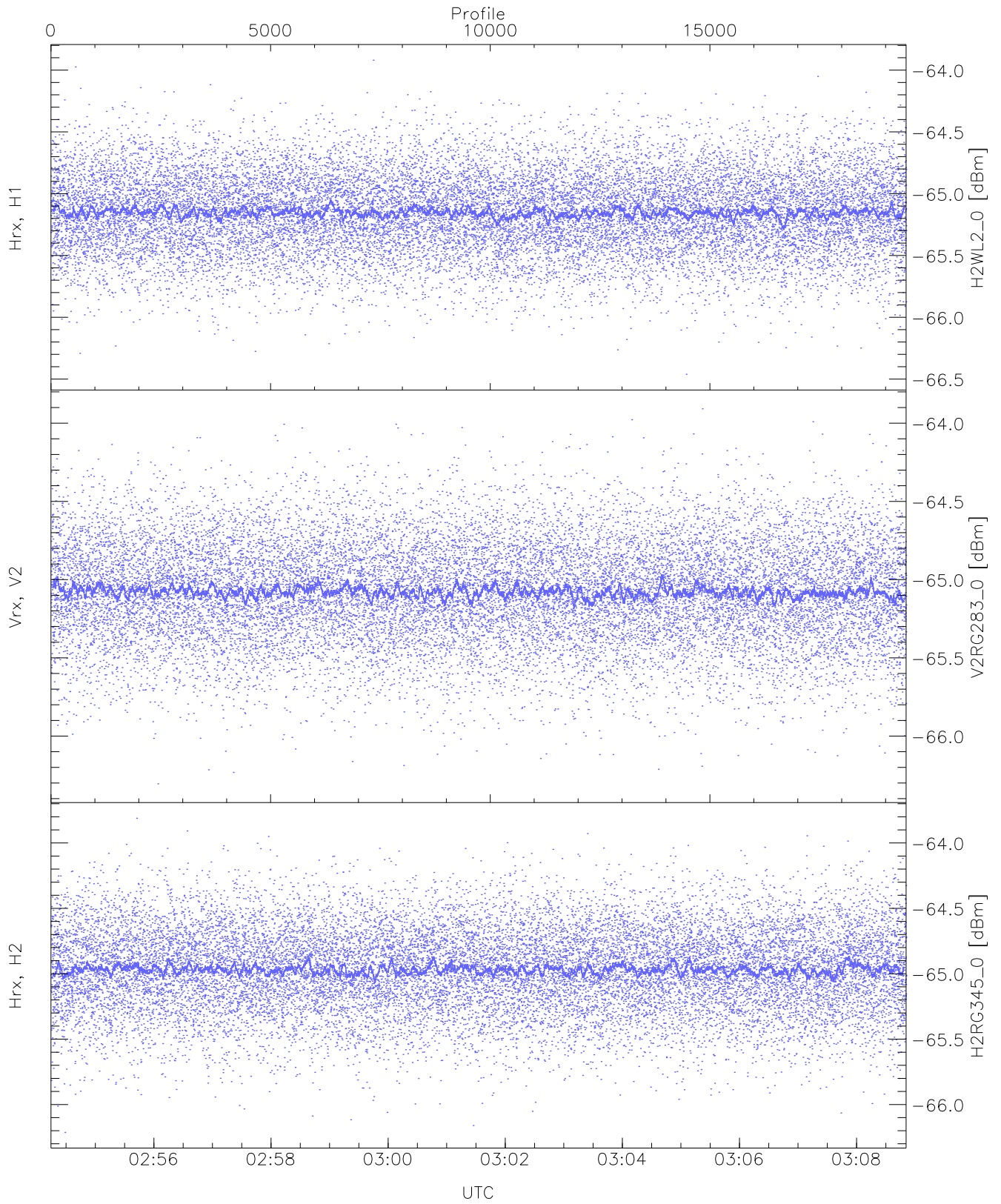
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.11	-63.34	-64.74	-64.75	-76.21
Vrx, V2 (HL [dBm])	-66.10	-63.69	-64.85	-64.85	-76.36
Hrx, H2 (HL [dBm])	-65.99	-63.37	-64.74	-64.75	-76.29



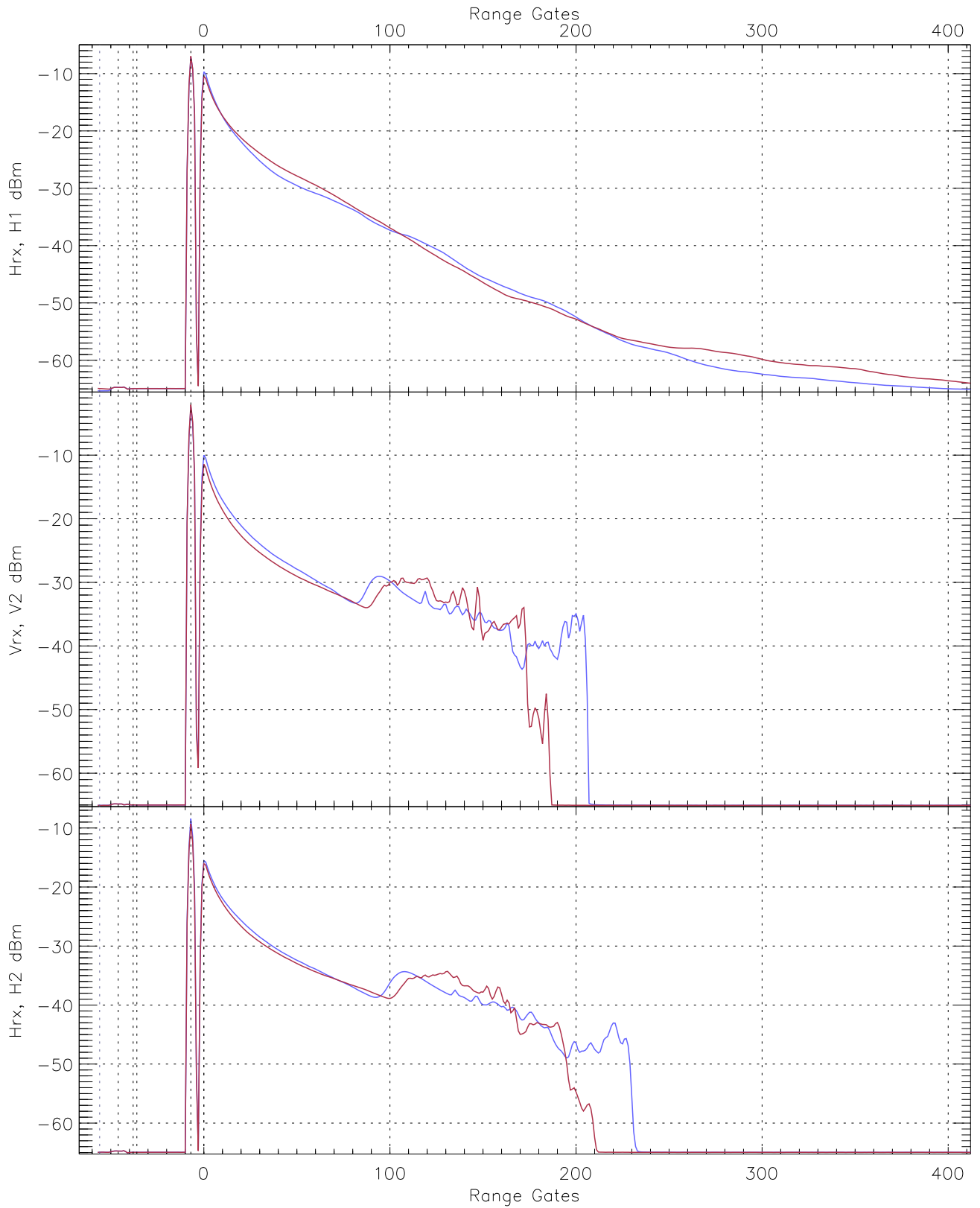
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.57	-62.55	-65.14	-65.23	-74.41
Vrx, V2 (RM [dBm])	-66.29	-63.90	-65.07	-65.08	-76.58
Hrx, H2 (RM [dBm])	-66.12	-63.68	-64.94	-64.95	-76.46

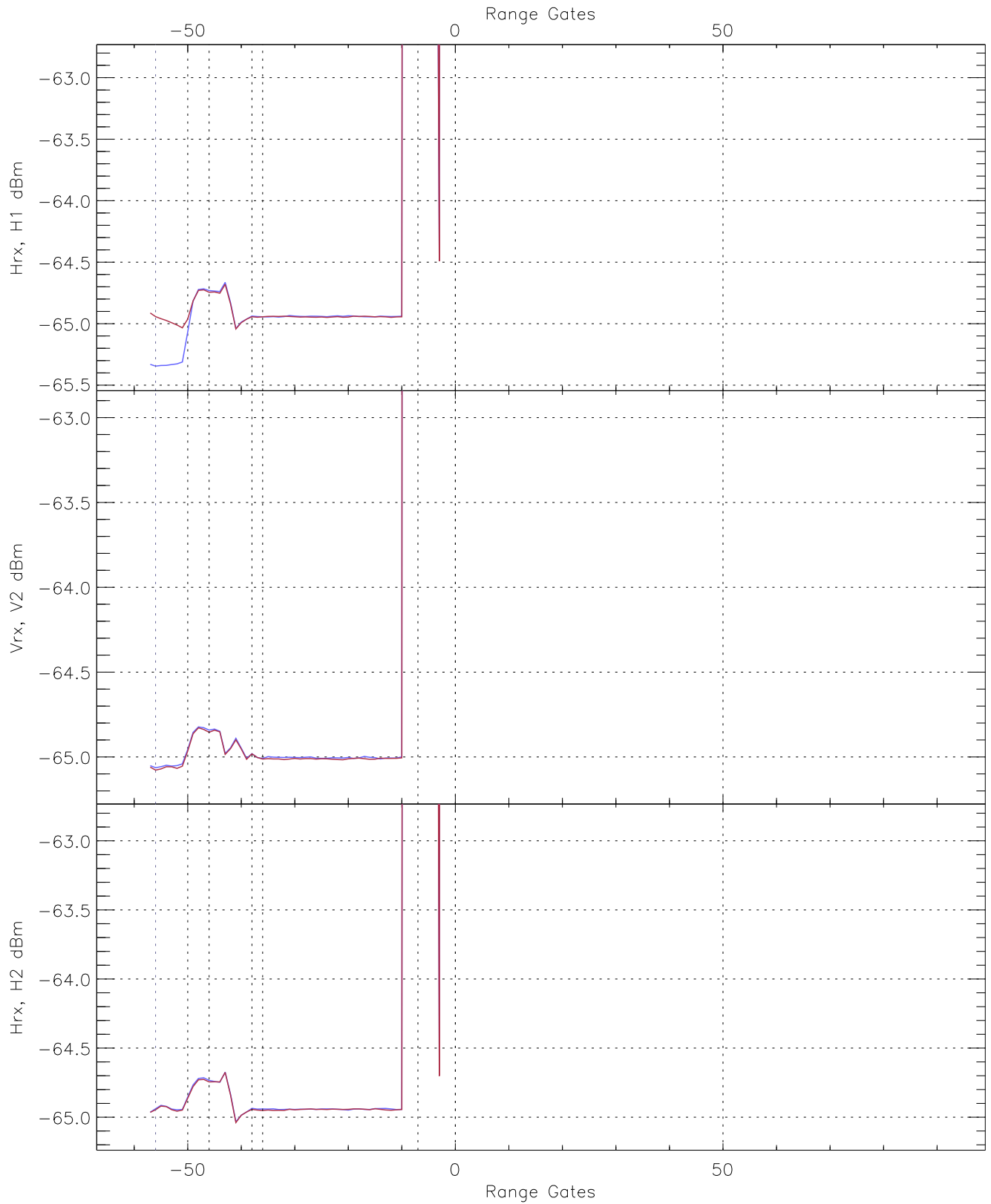


WCR3 CPP "Best" estimate Receivers Noise Power

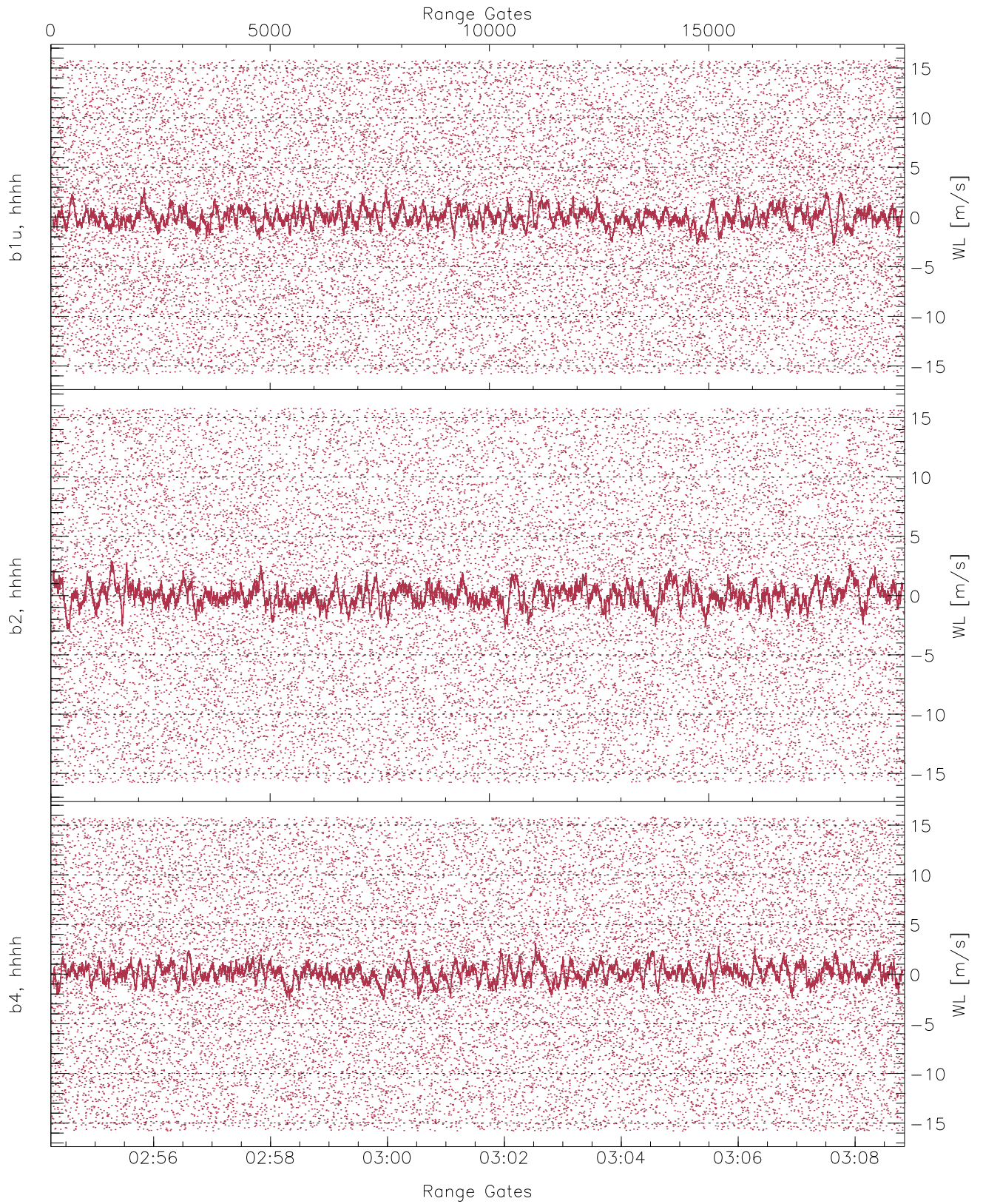
	Min	Max	Mean	Median	StDev
H2WL2_0 [dBm]	-66.46	-63.92	-65.15	-65.15	-76.67
V2RG283_0 [dBm]	-66.31	-63.91	-65.07	-65.08	-76.59
H2RG345_0 [dBm]	-66.21	-63.81	-64.96	-64.97	-76.49



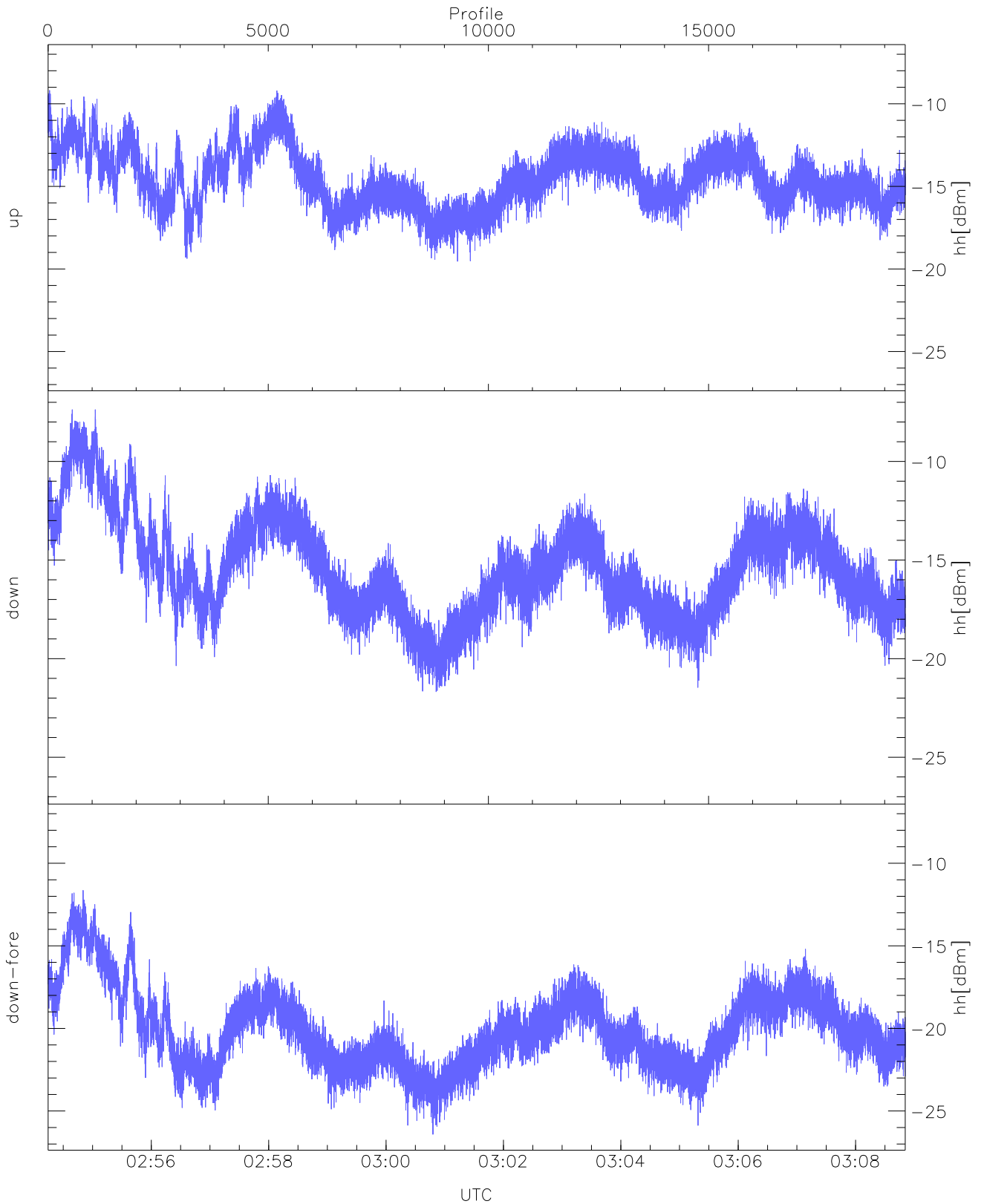
WCR3 CPP Averaged Received power for all recorded gates
blue: 025415-030133, 9735 profiles averaged
red: 030133-030851, 9734 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 025415-030133, 9735 profiles averaged
red: 030133-030851, 9734 profiles averaged

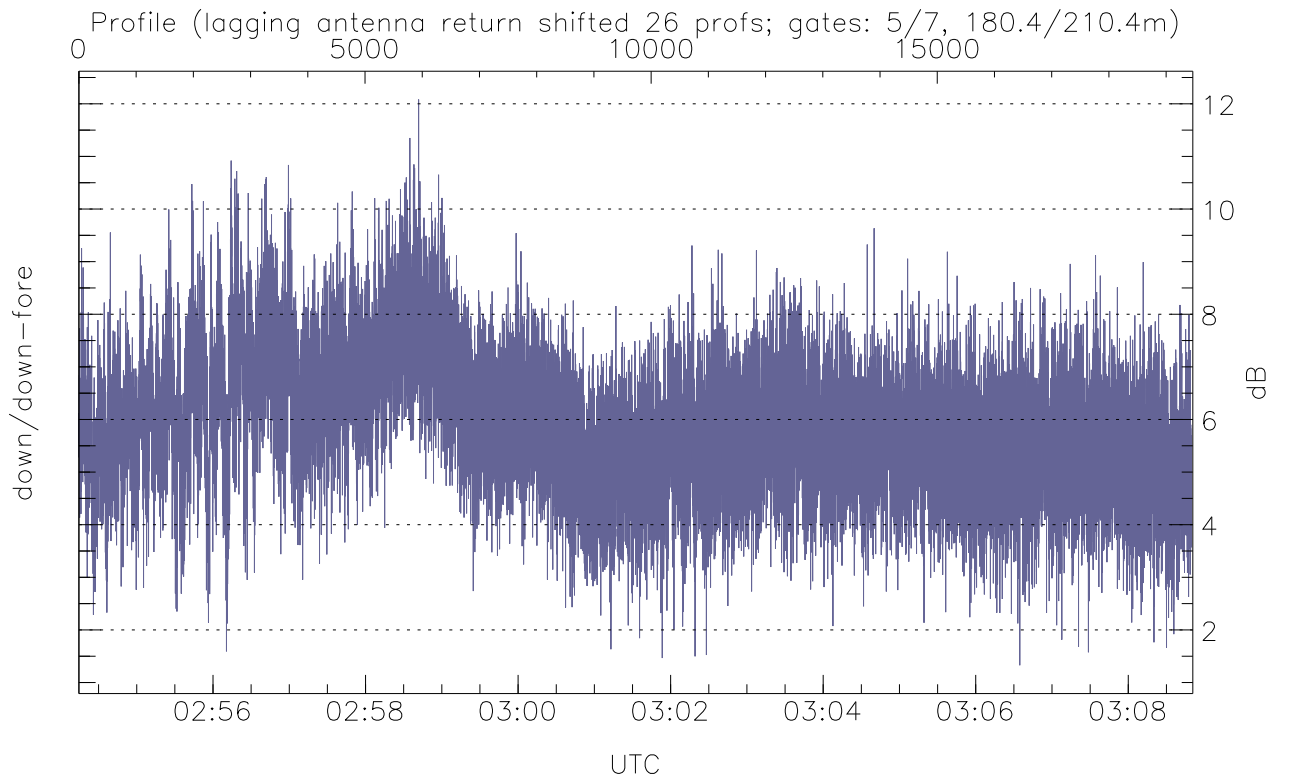
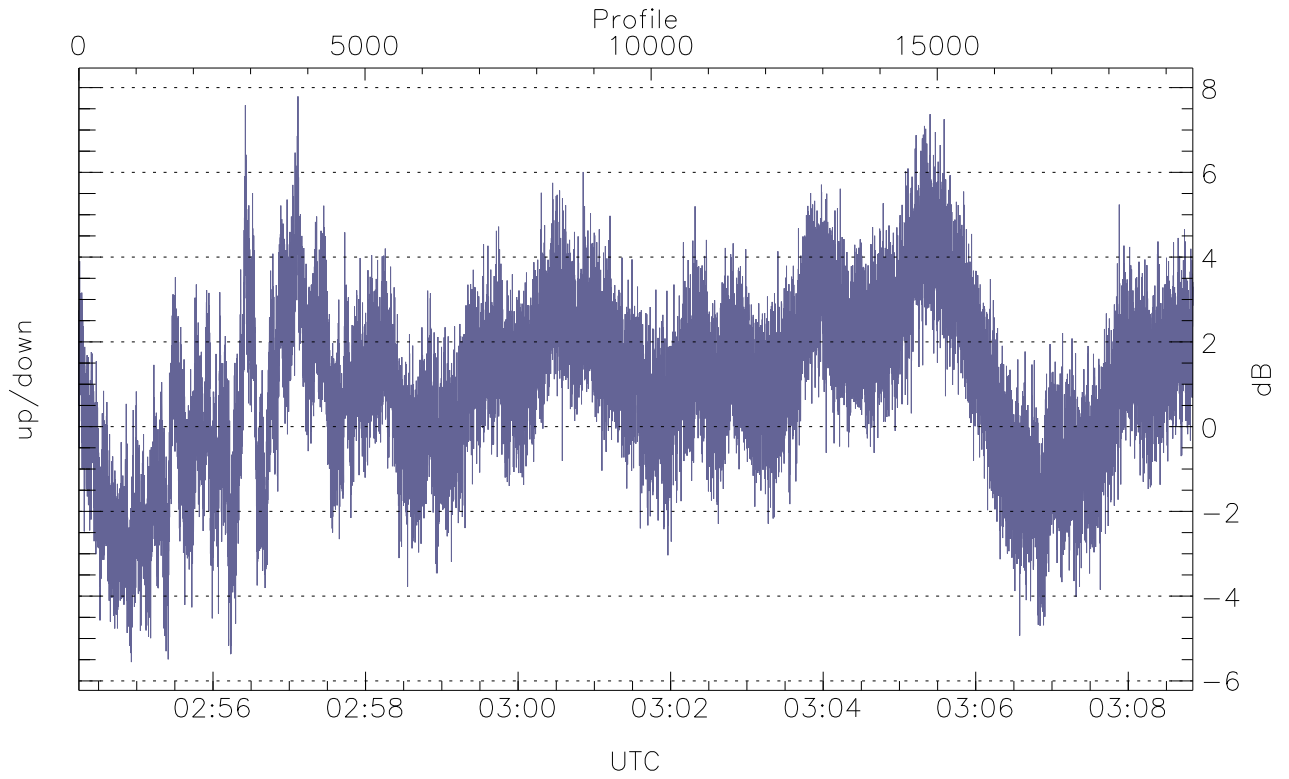


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



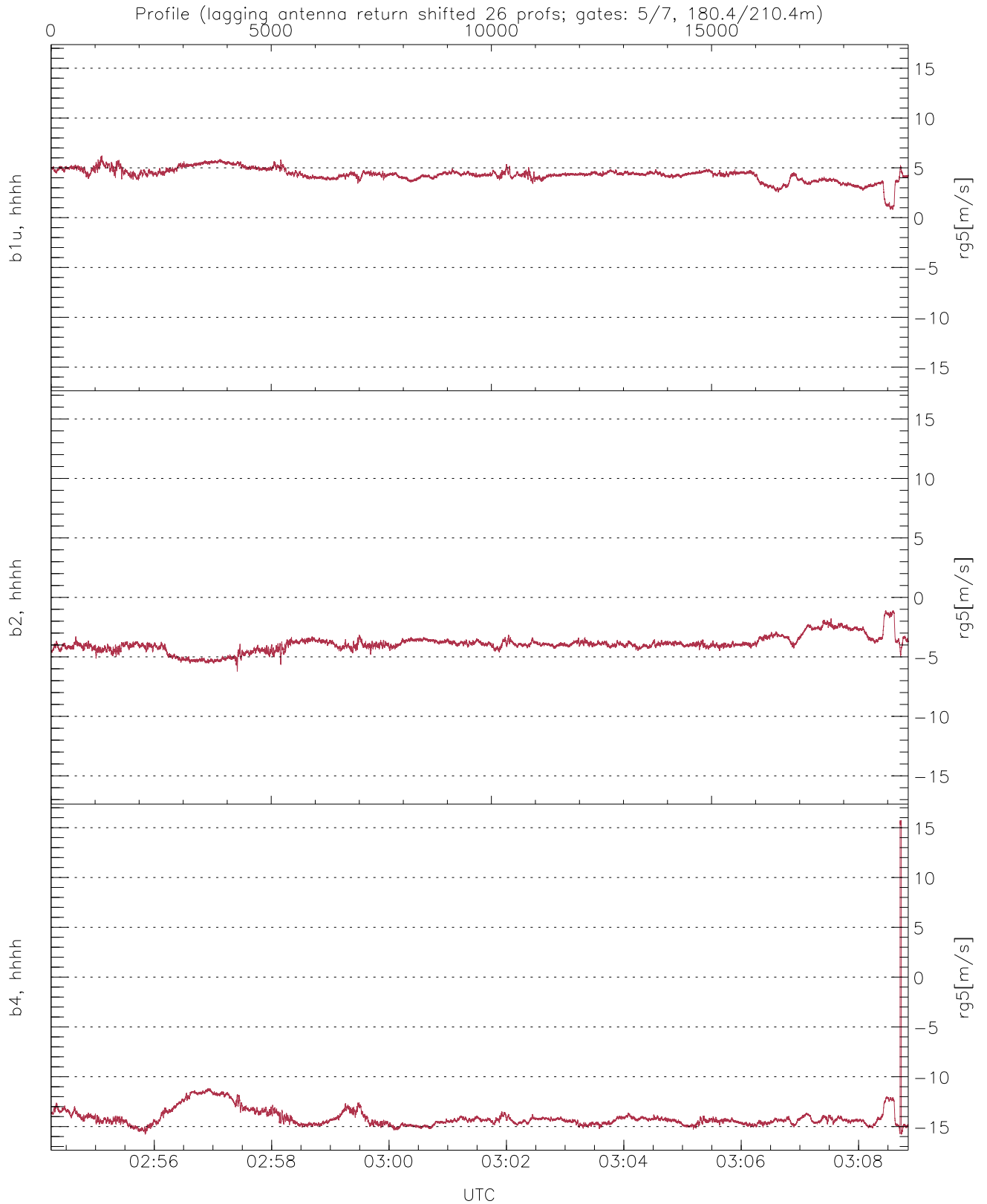
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-19.55	-9.18	-14.22
down(hh[dBm])	-21.69	-7.37	-14.78
down-fore(hh[dBm])	-26.42	-11.63	-19.42



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

	Min	Max	Mean
up/down (dB)	-5.56	7.79	0.94
down/down-fore (dB)	1.33	12.08	5.92



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	0.80	6.22	4.33	0.68
b2, hhhh(rg5[m/s])	-6.22	-1.10	-3.91	0.68
b4, hhhh(rg5[m/s])	-15.79	15.75	-14.10	1.40