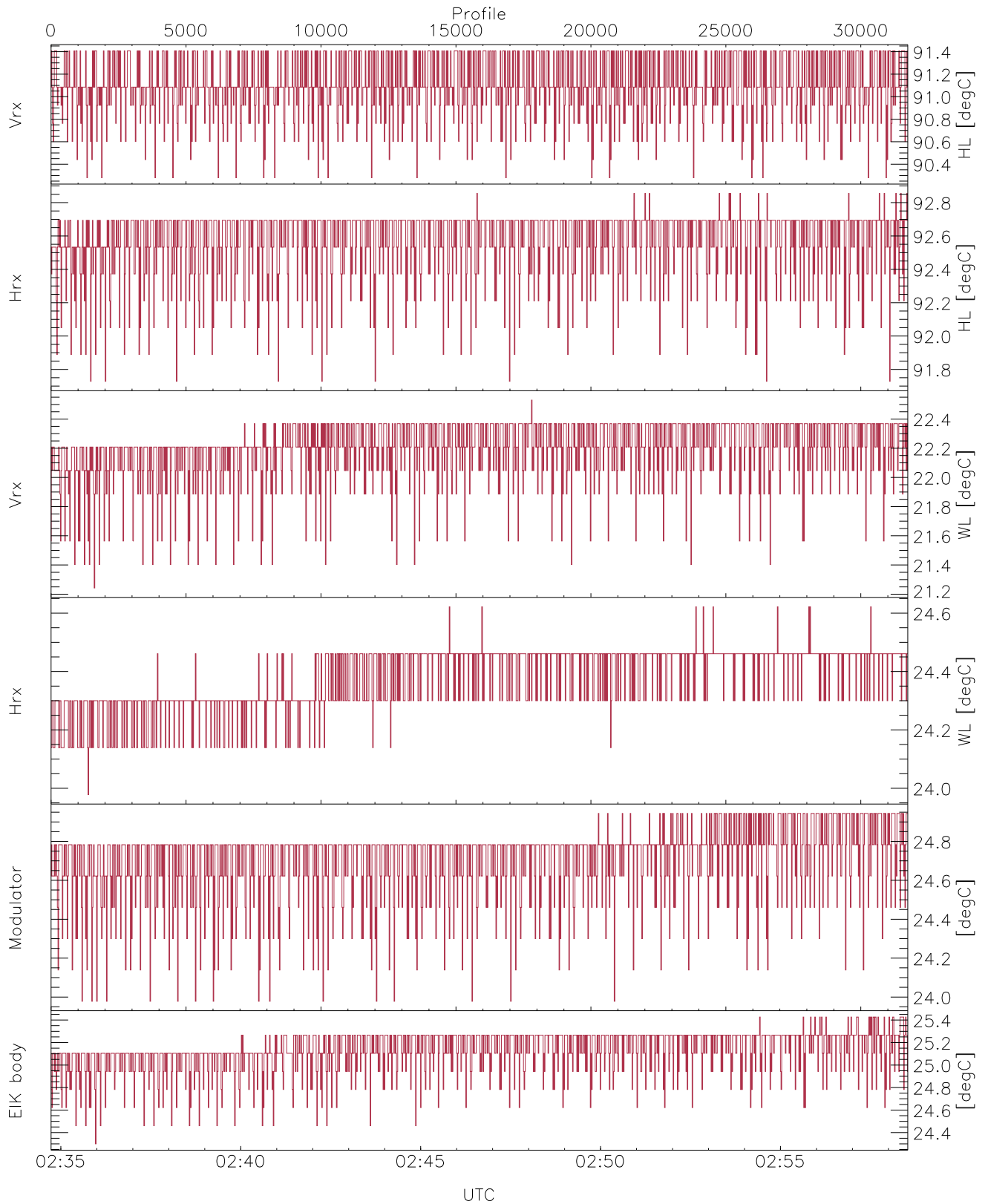


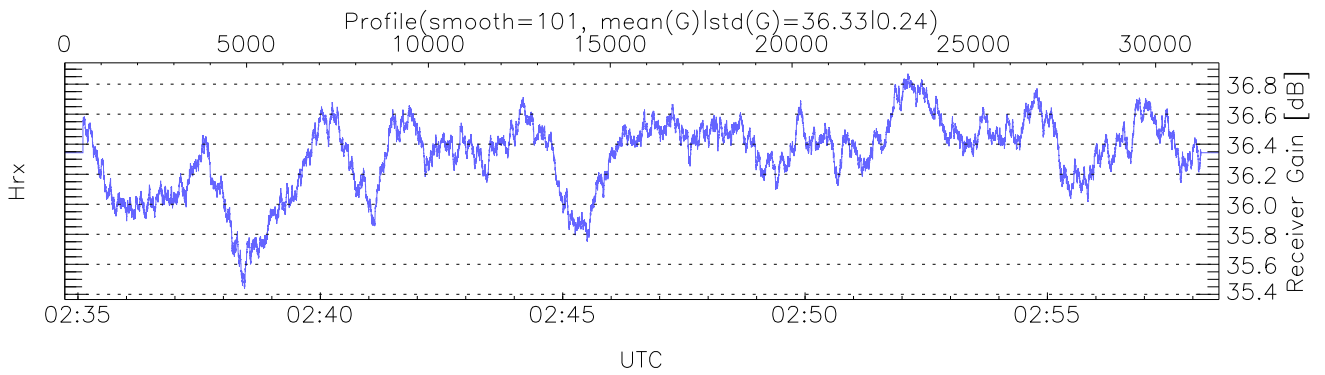
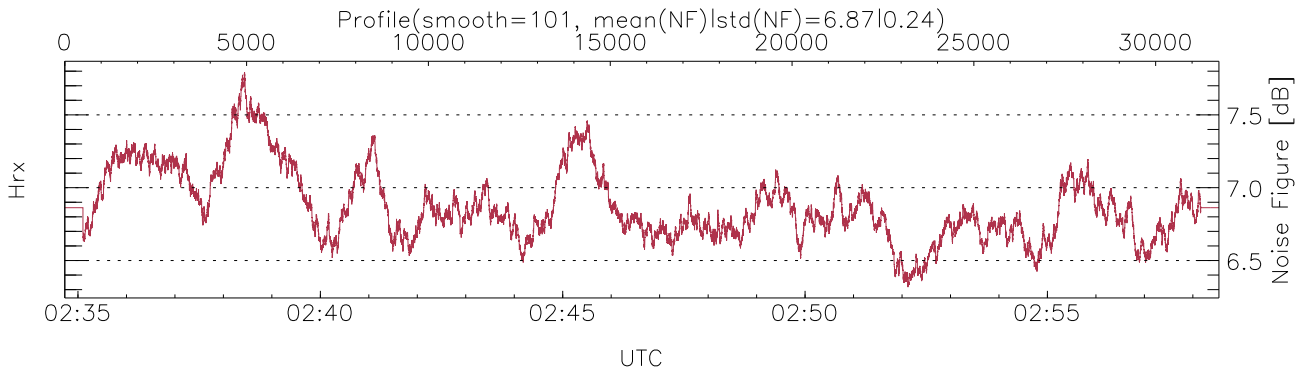
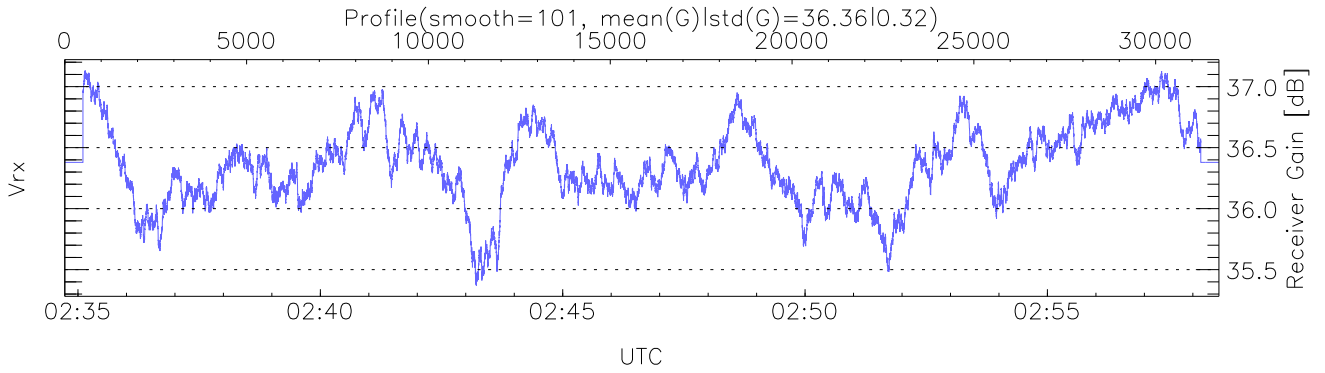
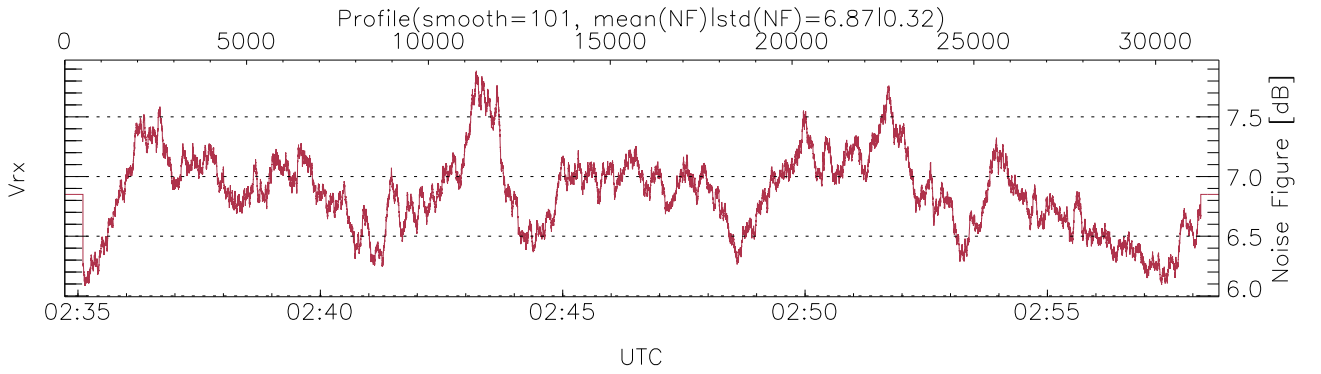
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 02:34:44-02:58:32, TimeCor: 0.00s, Dur: 1428.66s
 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): 31741/31741, 0-31740/02:34:44-02:58:32
 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



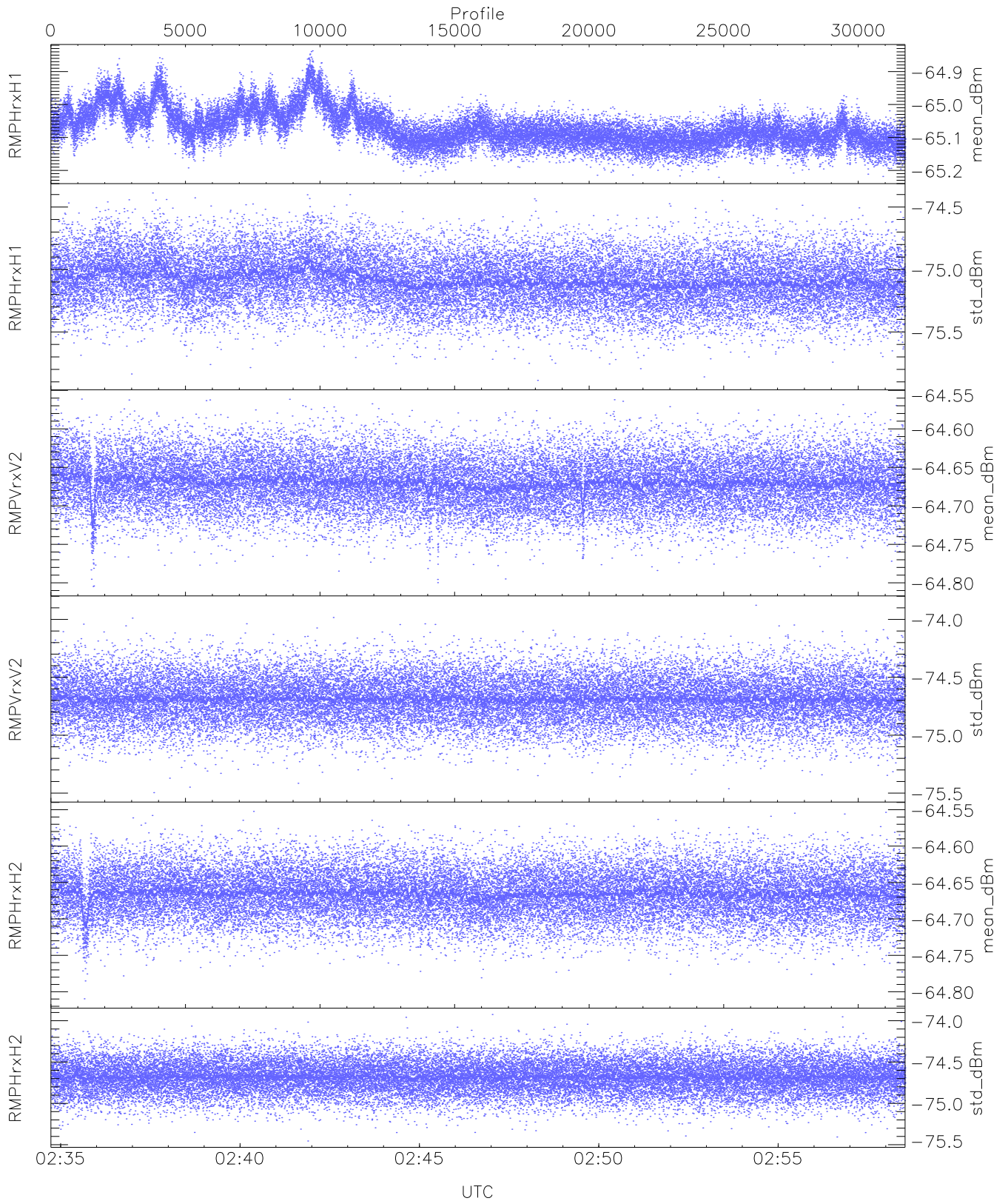
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,21,23,23,24`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,22,24,24,25`
`LOalarm(20,240,2817,14861 MHz): 0,0,22,0`
`EIK Faults(# prof affected):`
`DeckF (22)`



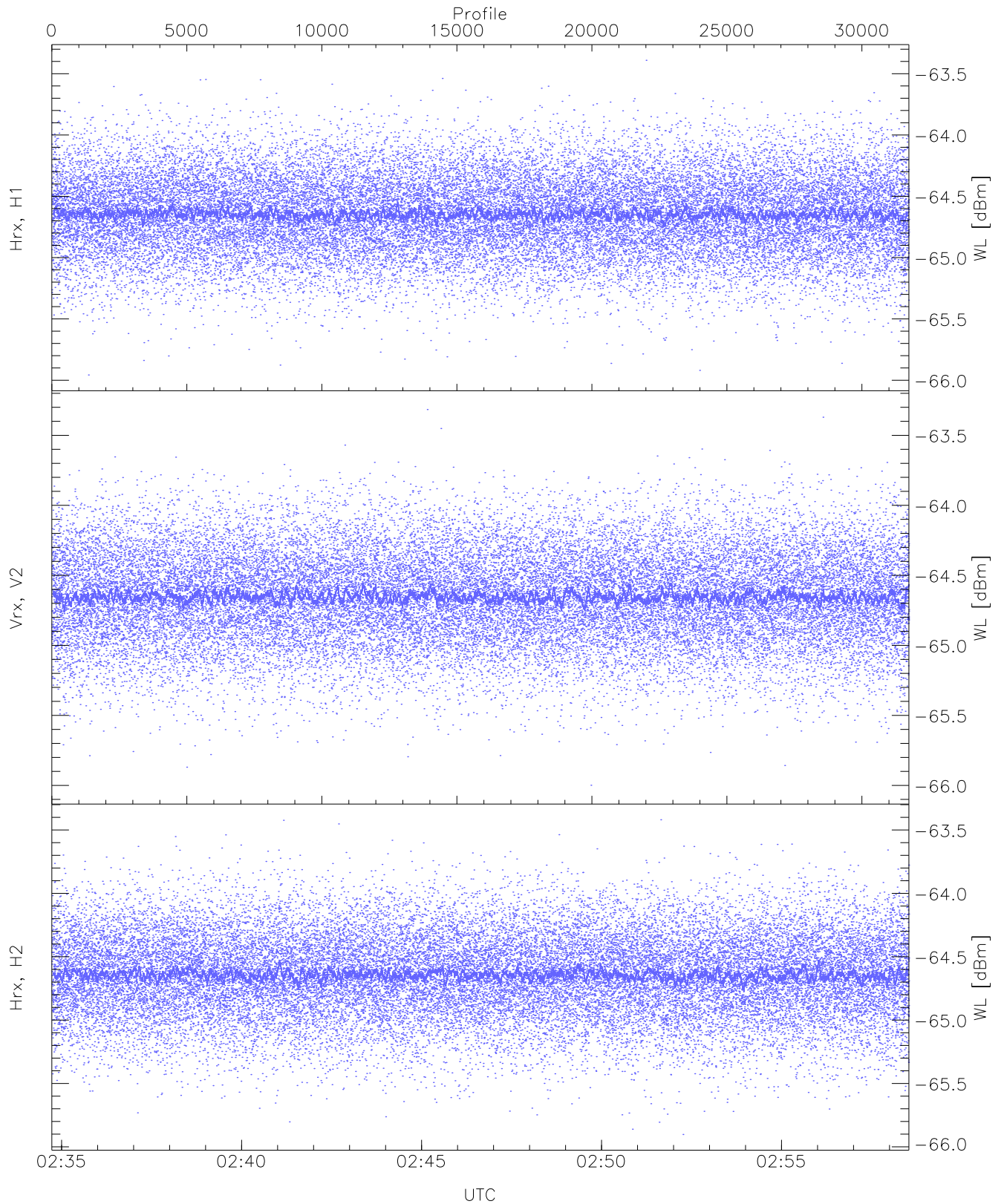
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 5 pixs, 2 gates, 5 profs, 1 prod(s)



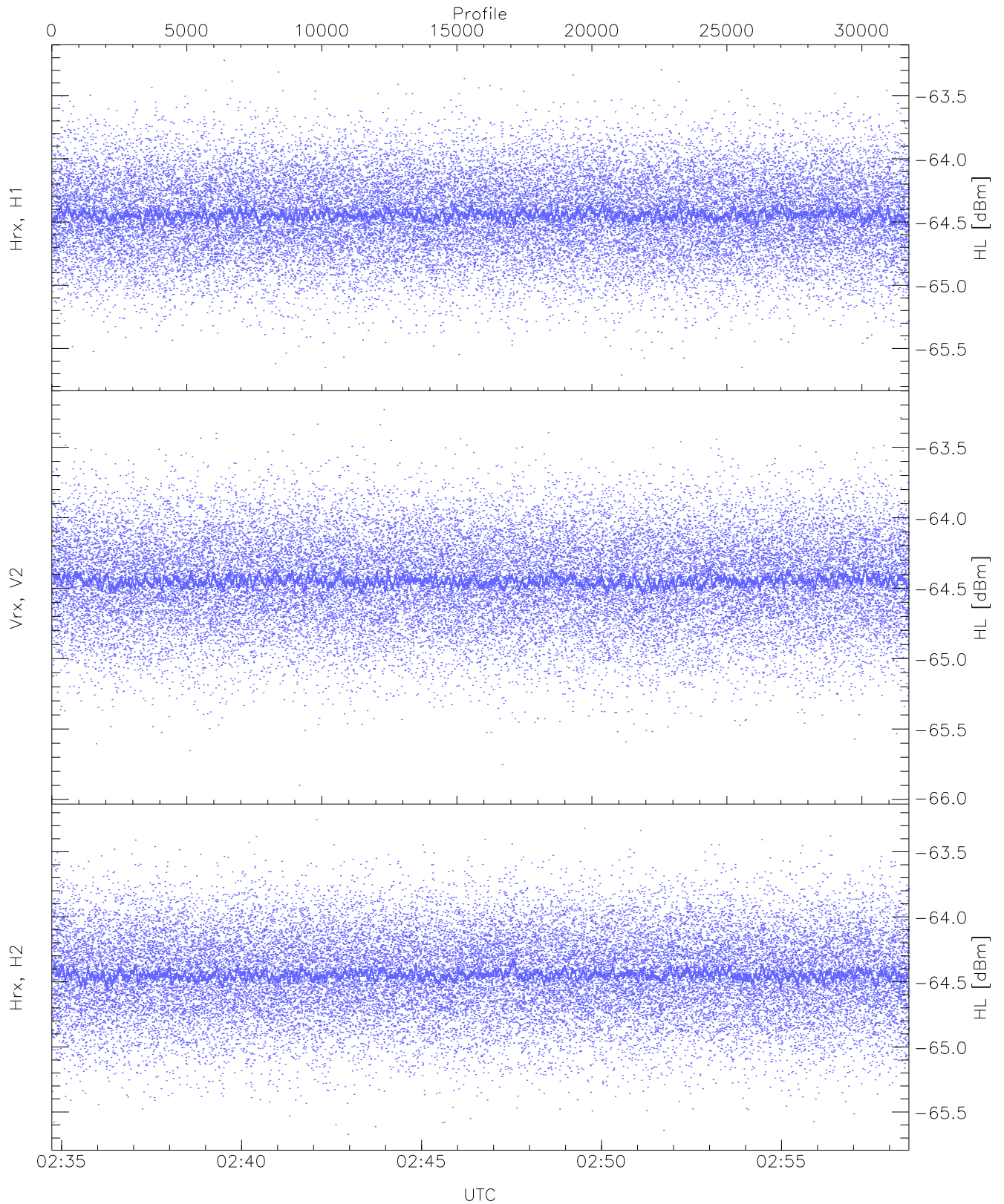
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.22	-64.84	-65.07	-65.08	-84.07
RMPHrxH1(std_dBm)	-75.89	-74.39	-75.08	-75.09	-88.72
RMPVrxV2(mean_dBm)	-64.80	-64.56	-64.67	-64.67	-86.19
RMPVrxV2(std_dBm)	-75.50	-73.88	-74.69	-74.69	-88.48
RMPHrxH2(mean_dBm)	-64.81	-64.55	-64.67	-64.67	-86.24
RMPHrxH2(std_dBm)	-75.46	-73.92	-74.68	-74.68	-88.52



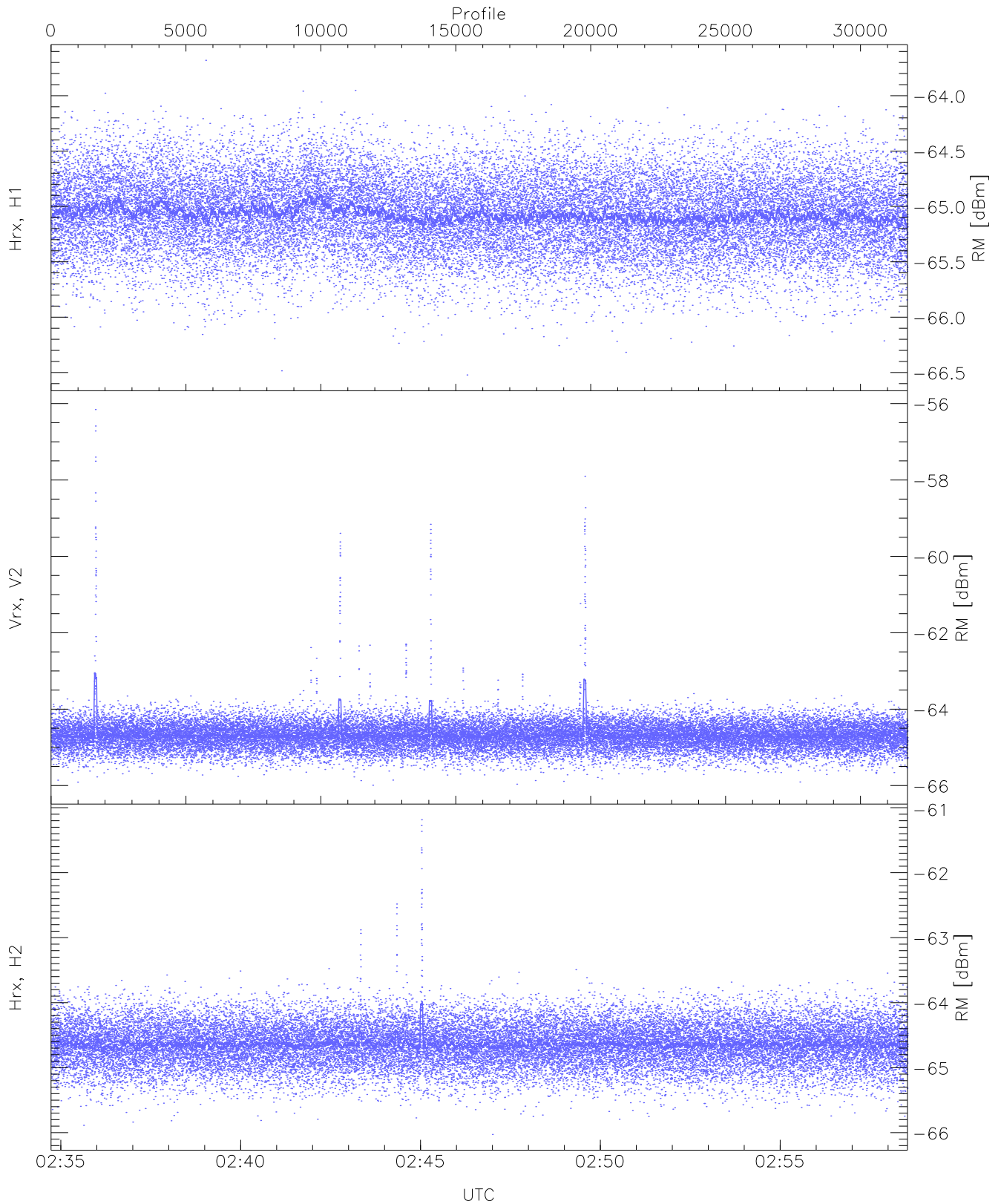
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.96	-63.39	-64.64	-64.65	-76.17
Vrx, V2 (WL [dBm])	-66.00	-63.32	-64.65	-64.65	-76.14
Hrx, H2 (WL [dBm])	-65.90	-63.42	-64.64	-64.64	-76.12



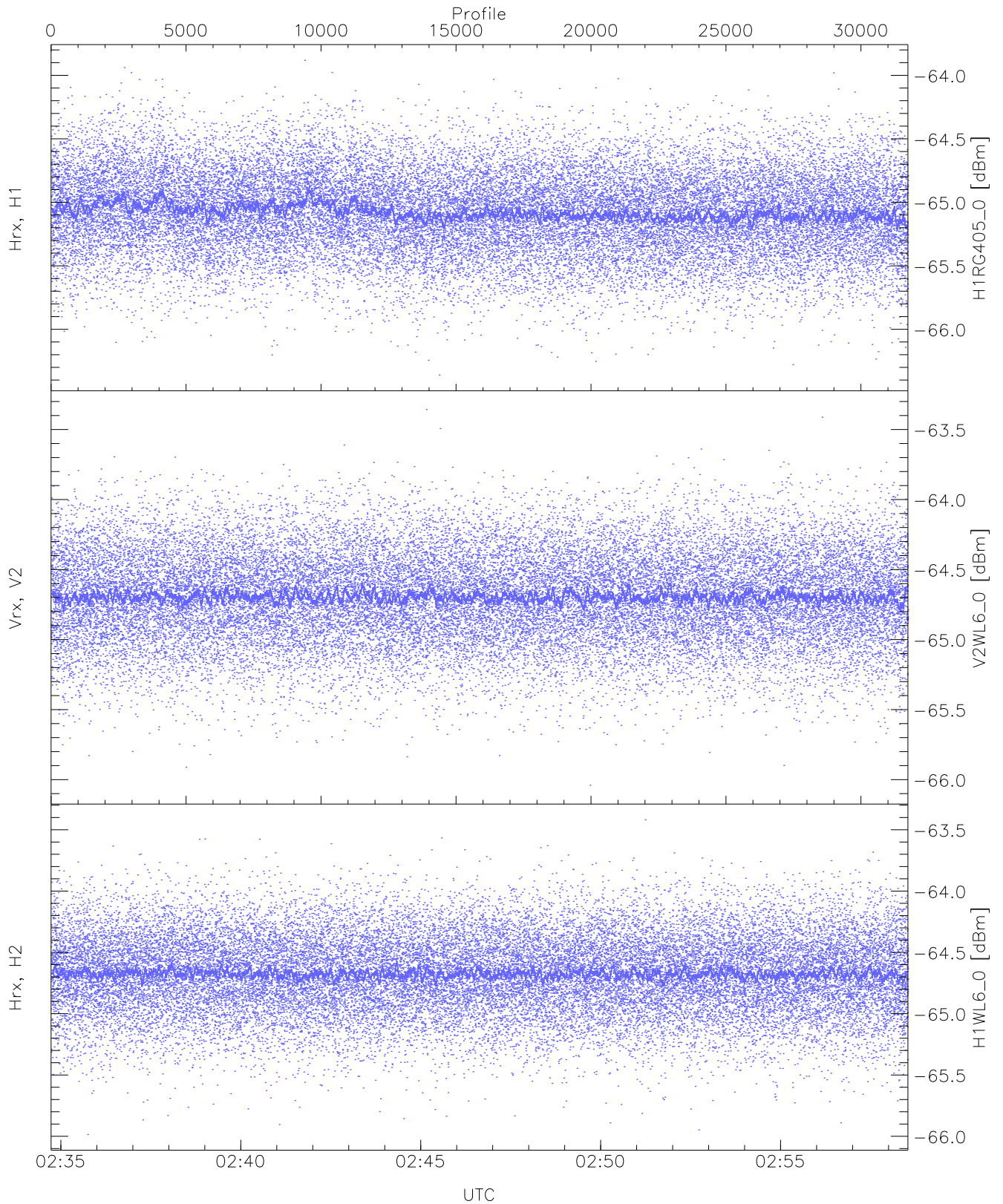
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.71	-63.22	-64.44	-64.44	-75.94
Vrx, V2 (HL [dBm])	-65.90	-63.23	-64.44	-64.45	-75.98
Hrx, H2 (HL [dBm])	-65.67	-63.25	-64.44	-64.45	-75.95



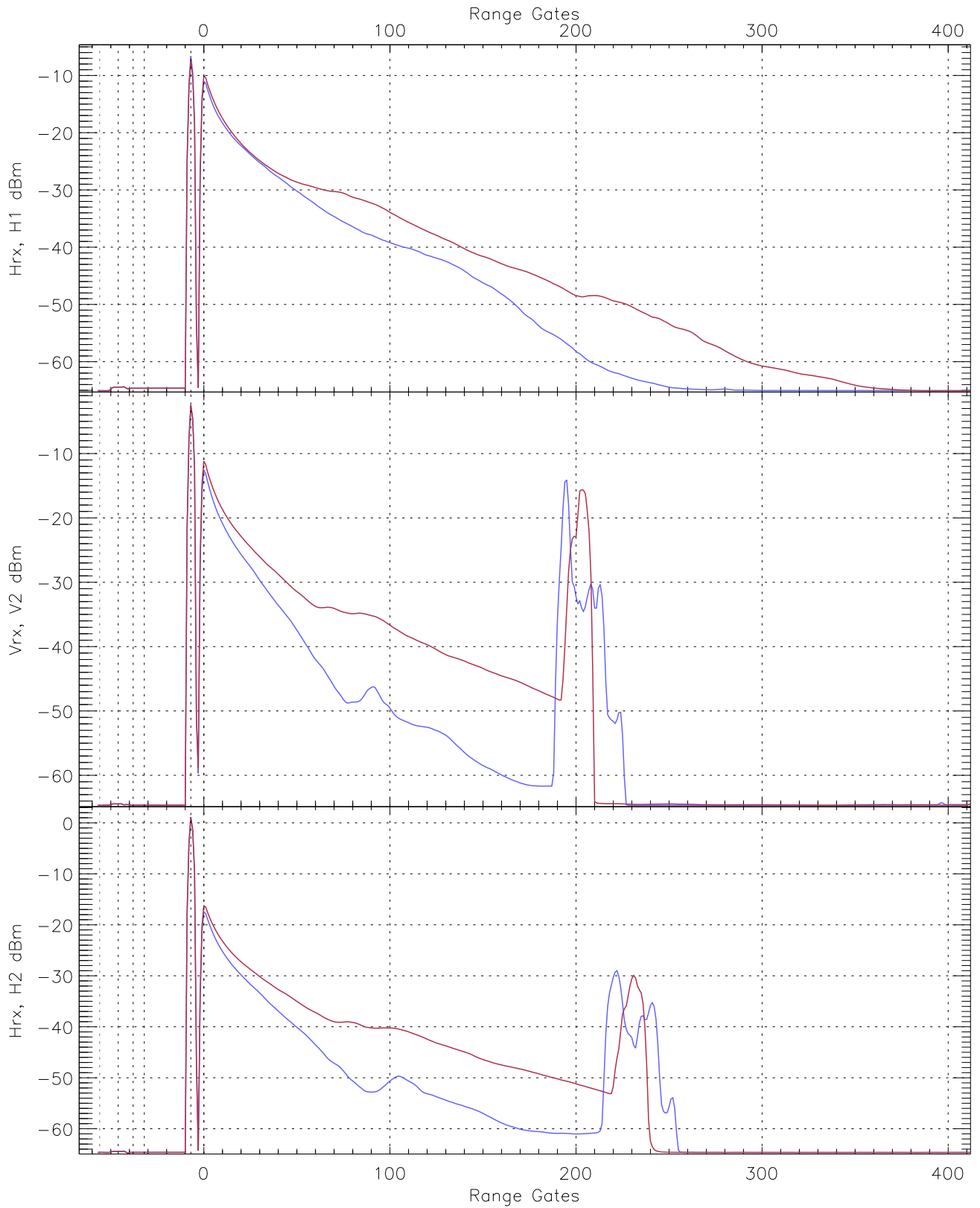
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.52	-63.68	-65.07	-65.07	-76.52
Vrx, V2 (RM [dBm])	-65.99	-56.16	-64.66	-64.70	-73.21
Hrx, H2 (RM [dBm])	-66.03	-61.19	-64.64	-64.64	-75.93

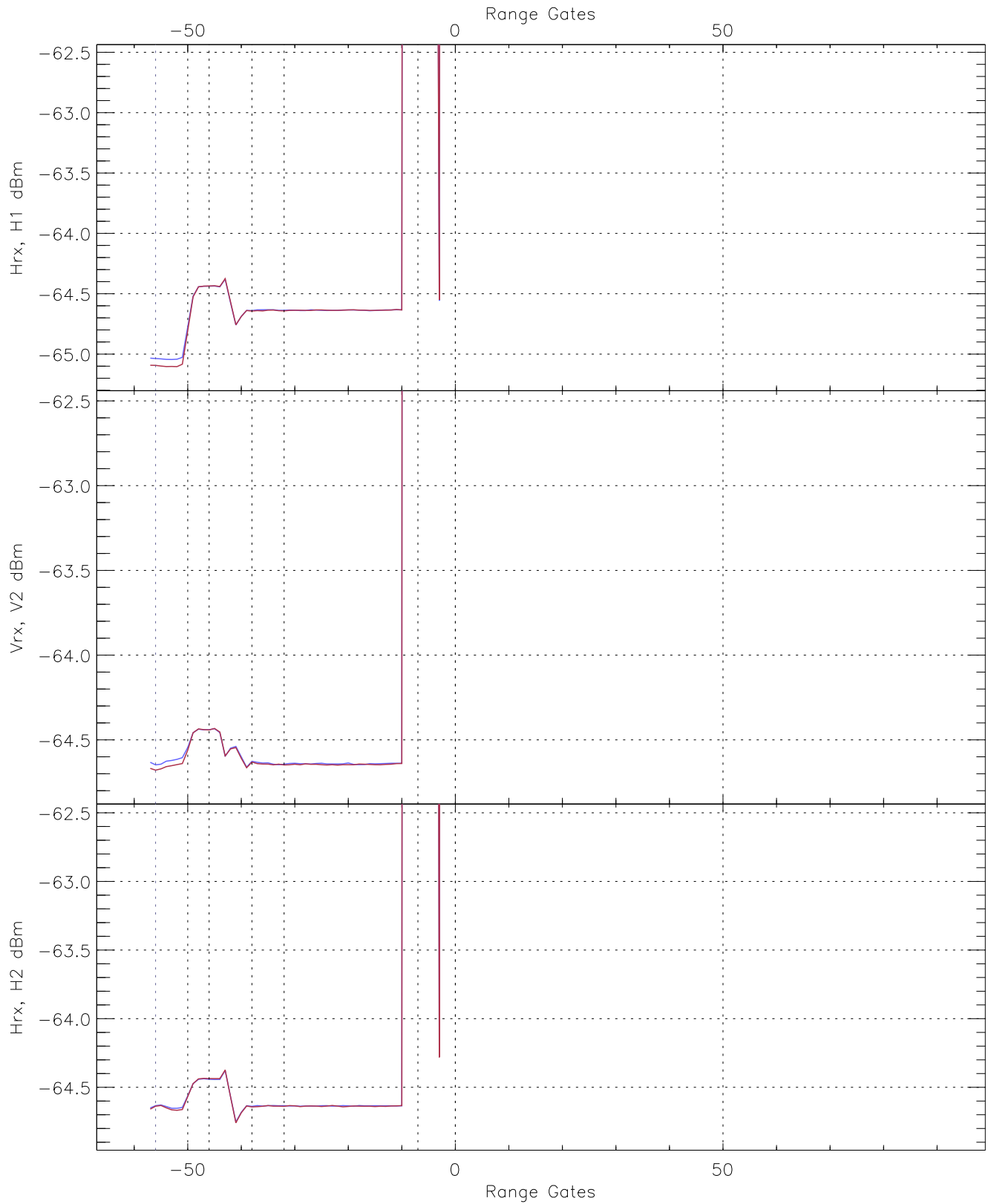


WCR3 CPP "Best" estimate Receivers Noise Power

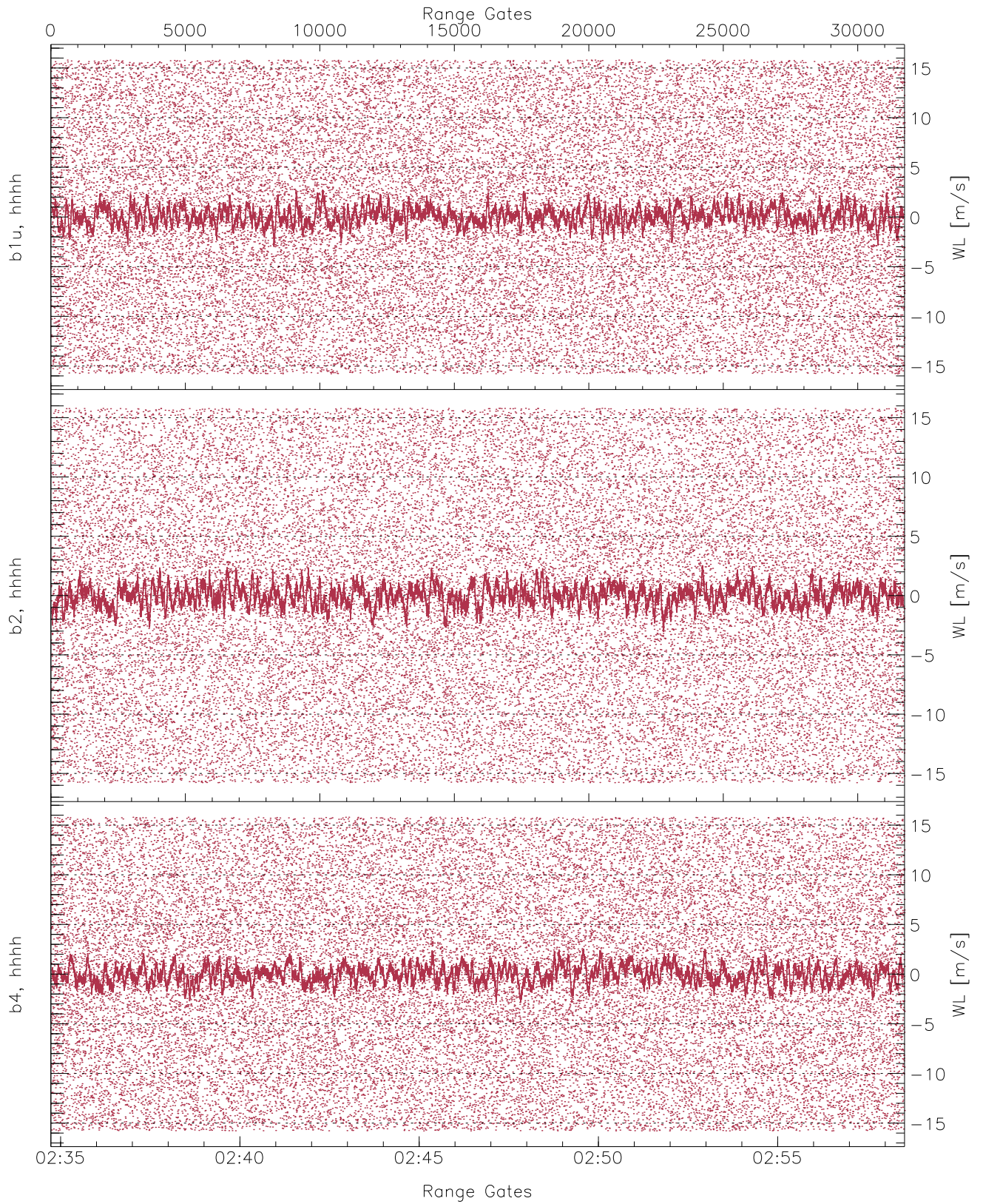
	Min	Max	Mean	Median	StDev
H1RG405_0 [dBm]	-66.36	-63.88	-65.07	-65.08	-76.53
V2WL6_0 [dBm]	-66.04	-63.36	-64.69	-64.70	-76.18
H1WL6_0 [dBm]	-65.99	-63.42	-64.67	-64.68	-76.20



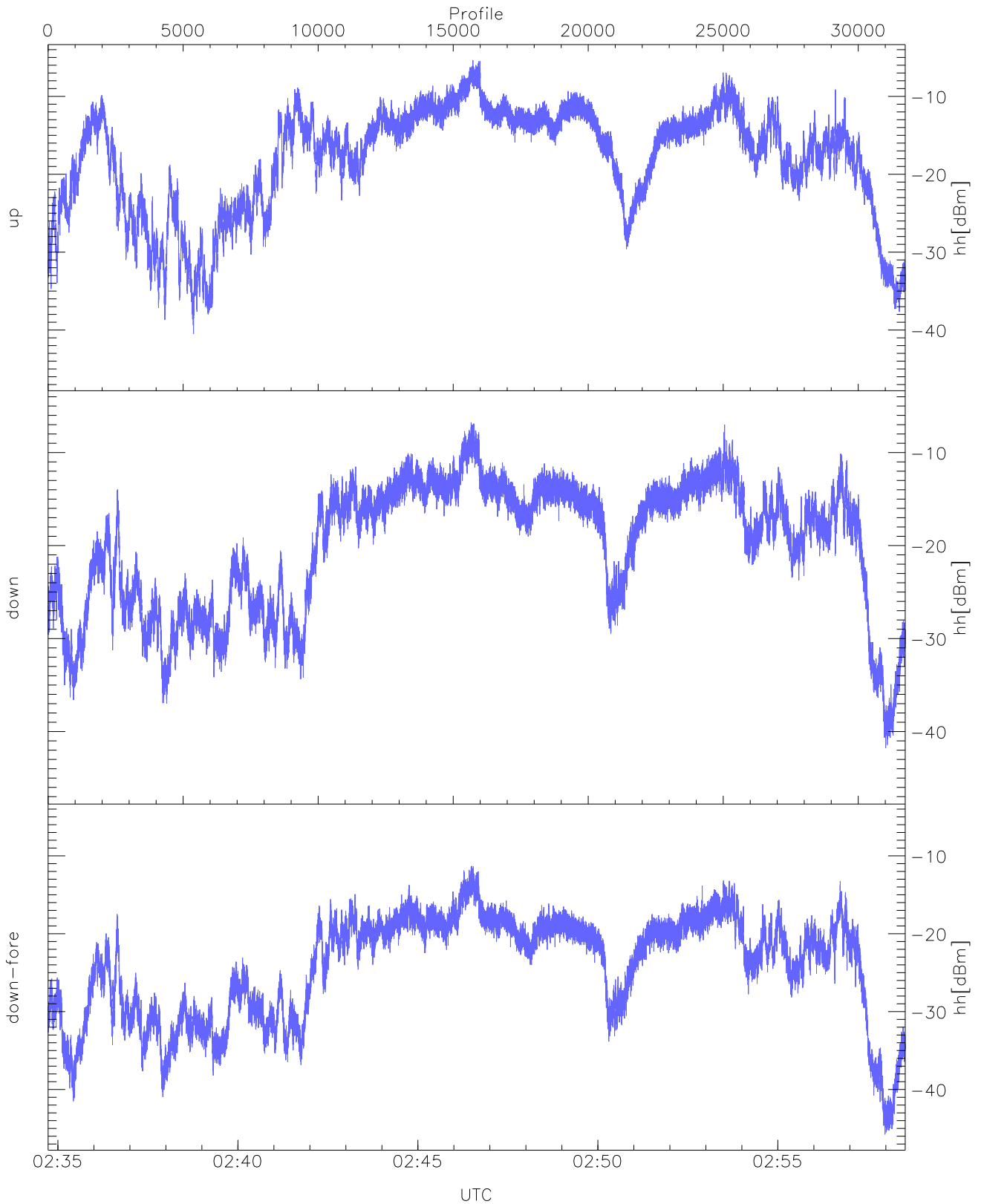
WCR3 CPP Averaged Received power for all recorded gates
blue: 023444-024638, 15871 profiles averaged
red: 024638-025832, 15871 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 023444-024638, 15871 profiles averaged
red: 024638-025832, 15871 profiles averaged

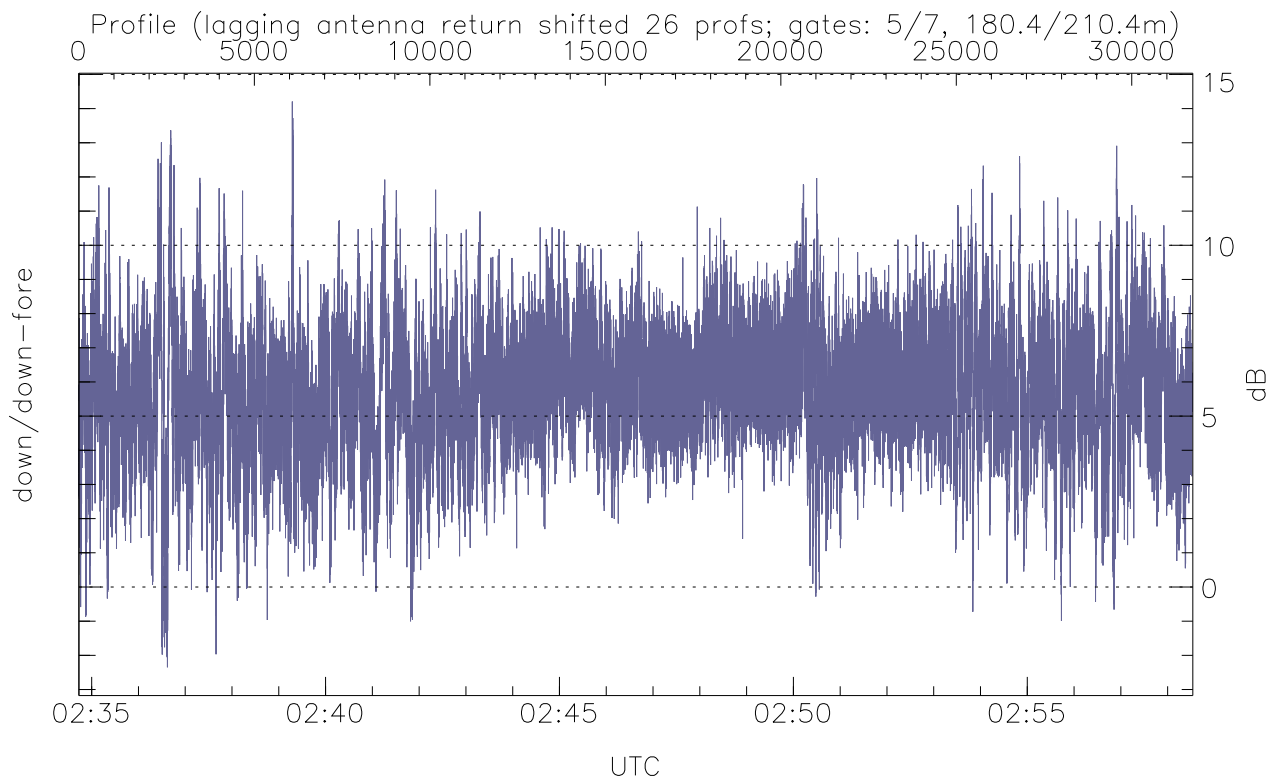
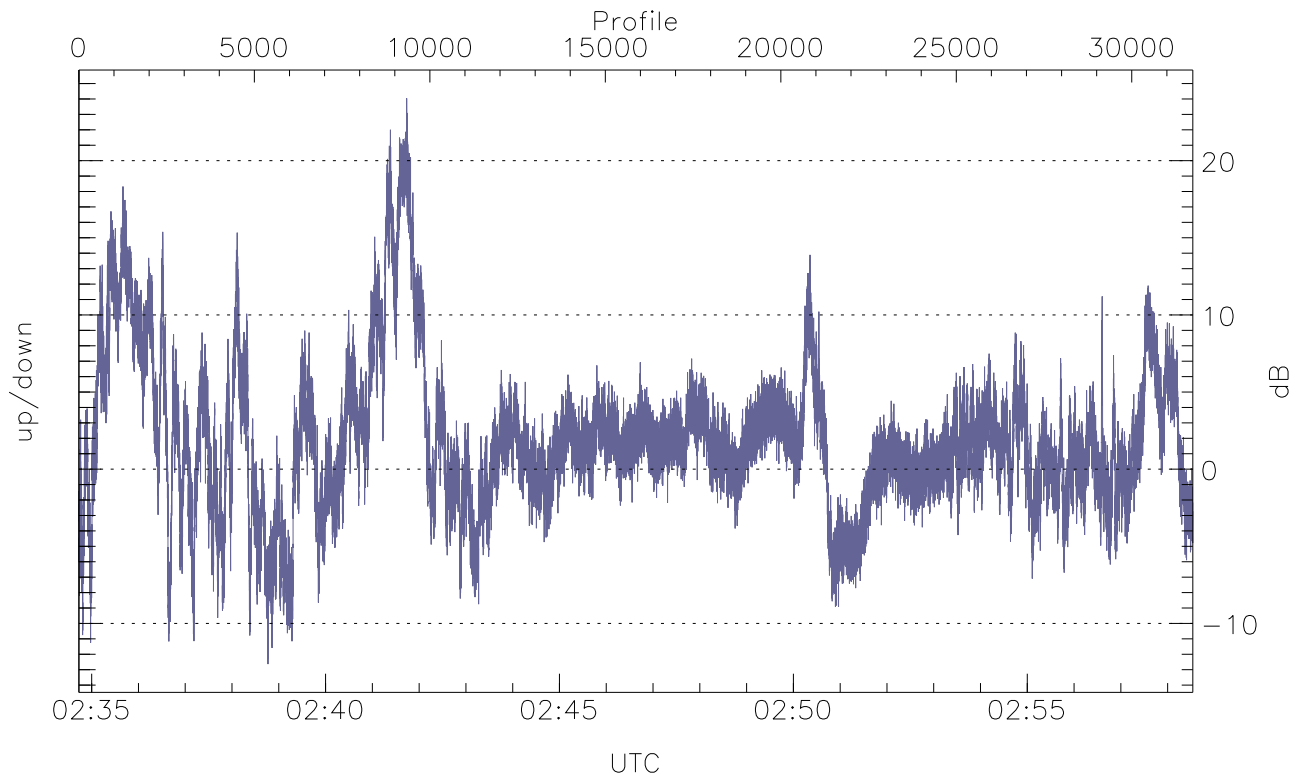


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



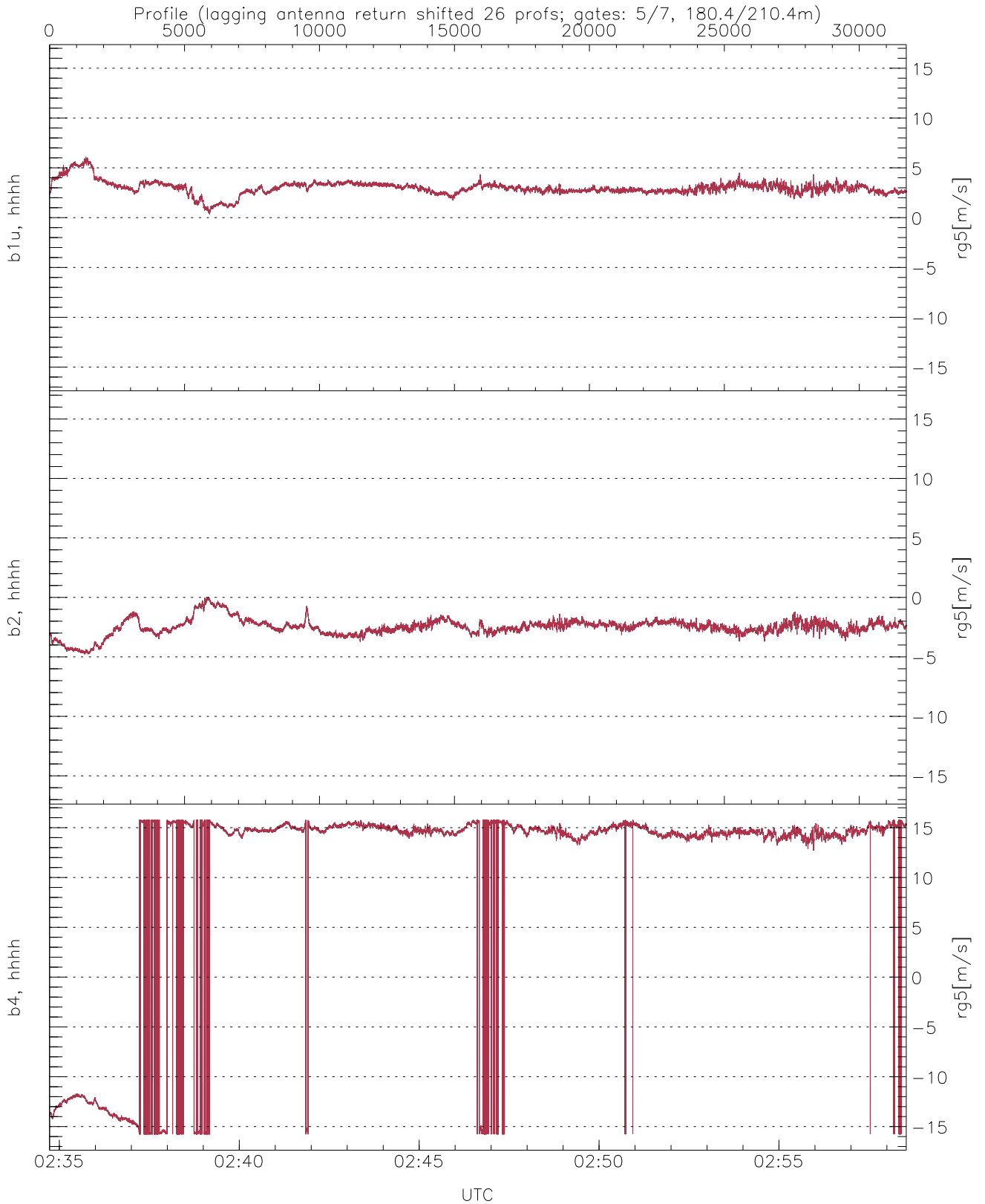
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-40.51	-5.37	-14.68
down(hh[dBm])	-41.79	-6.77	-16.30
down-fore(hh[dBm])	-45.77	-11.31	-20.83



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

	Min	Max	Mean
up/down (dB)	-12.63	24.04	1.89
down/down-fore (dB)	-2.35	14.21	5.74



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	0.34	6.09	2.98	0.69
b2, hhhh(rg5[m/s])	-4.79	0.04	-2.49	0.70
b4, hhhh(rg5[m/s])	-15.79	15.79	10.45	10.29