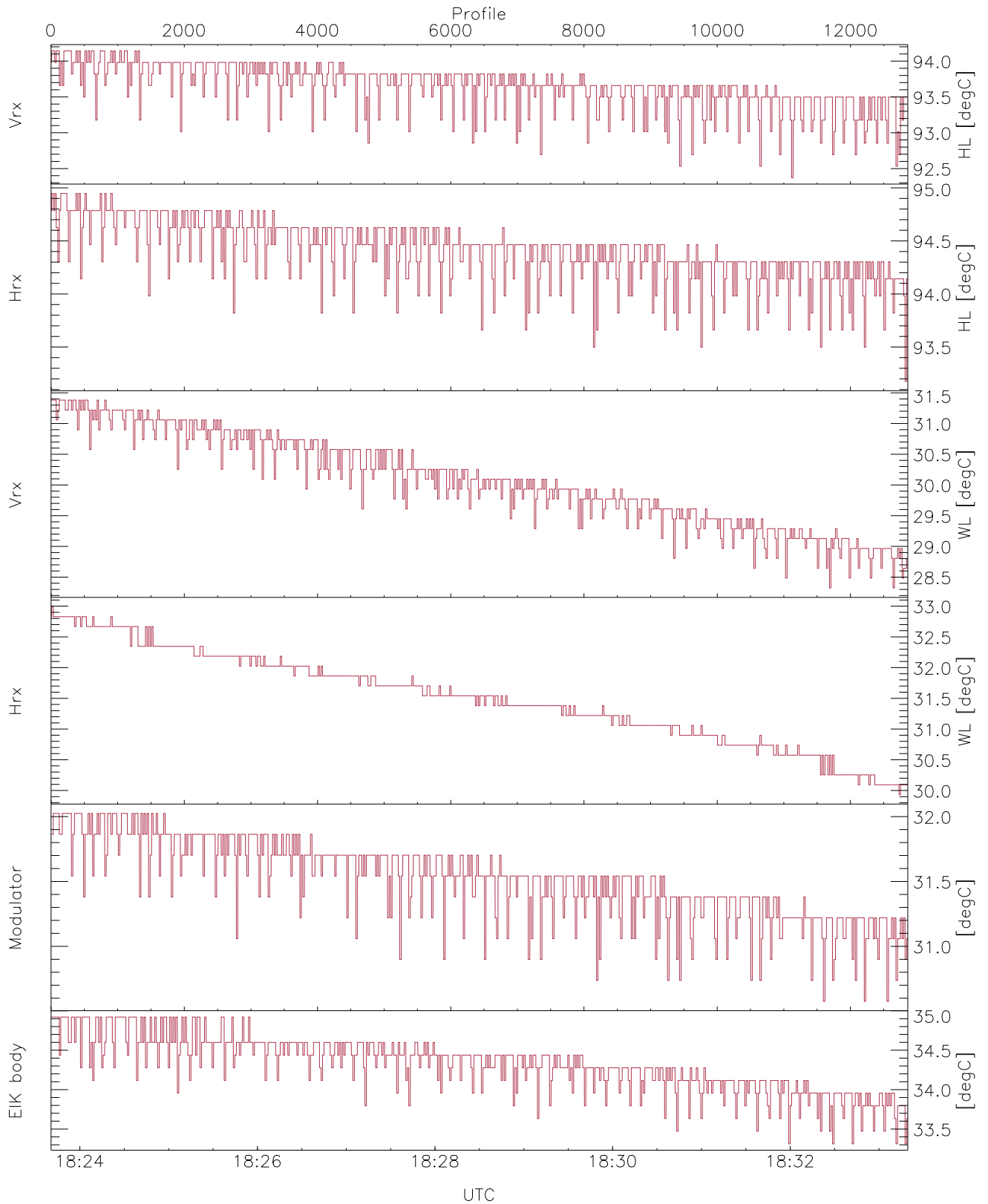


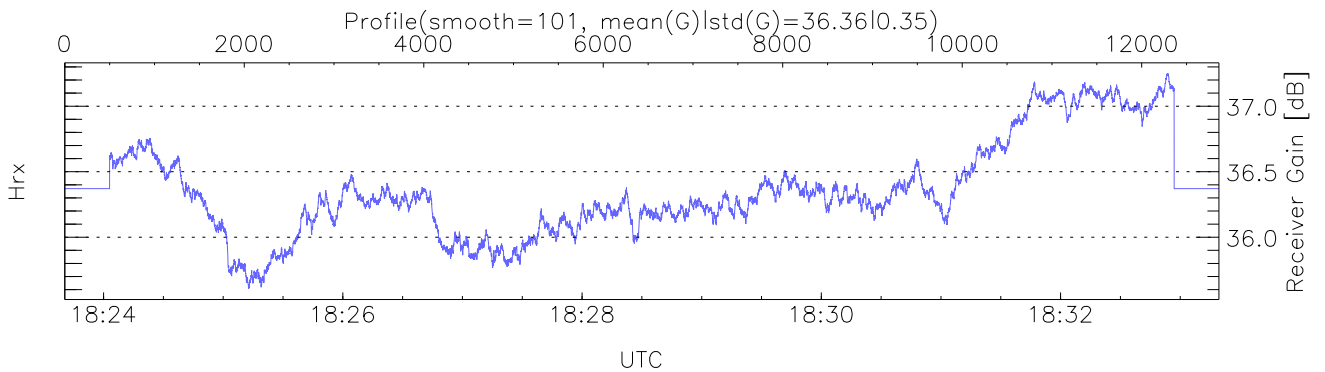
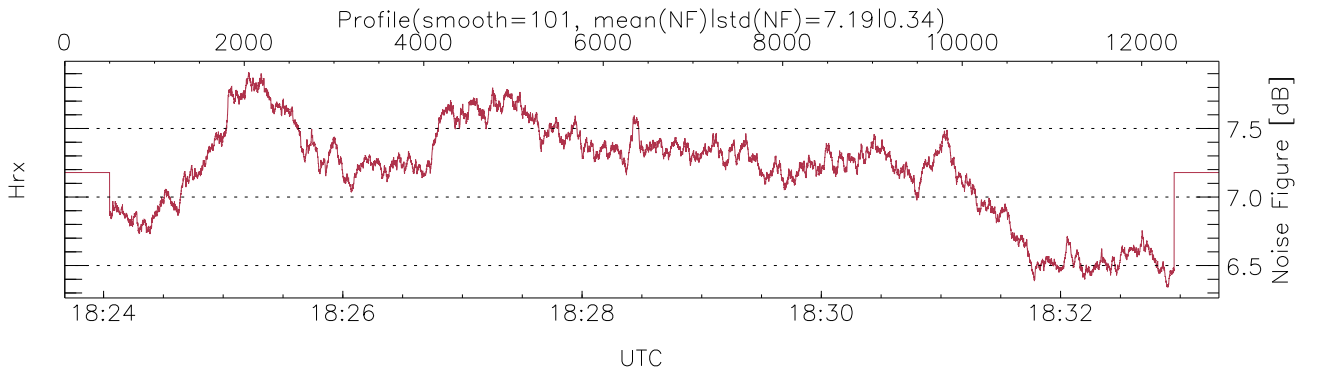
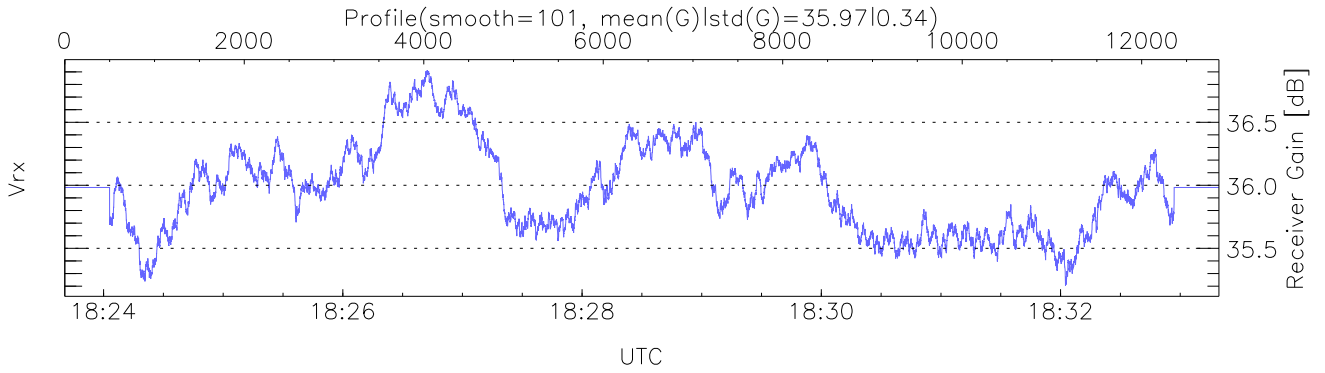
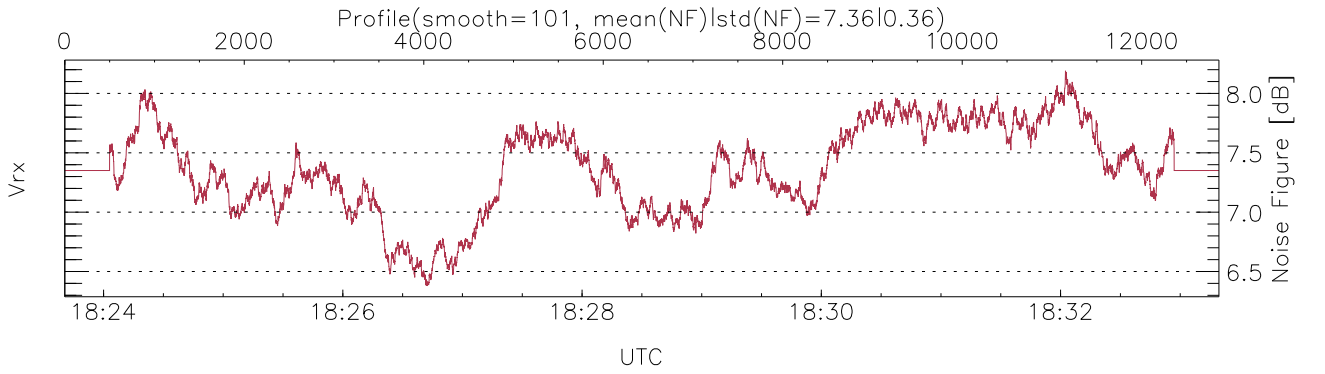
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 18:23:41-18:33:19, TimeCor: 0.00s, Dur: 578.89s
 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): 12862/12862, 0-12861/18:23:41-18:33:19
 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



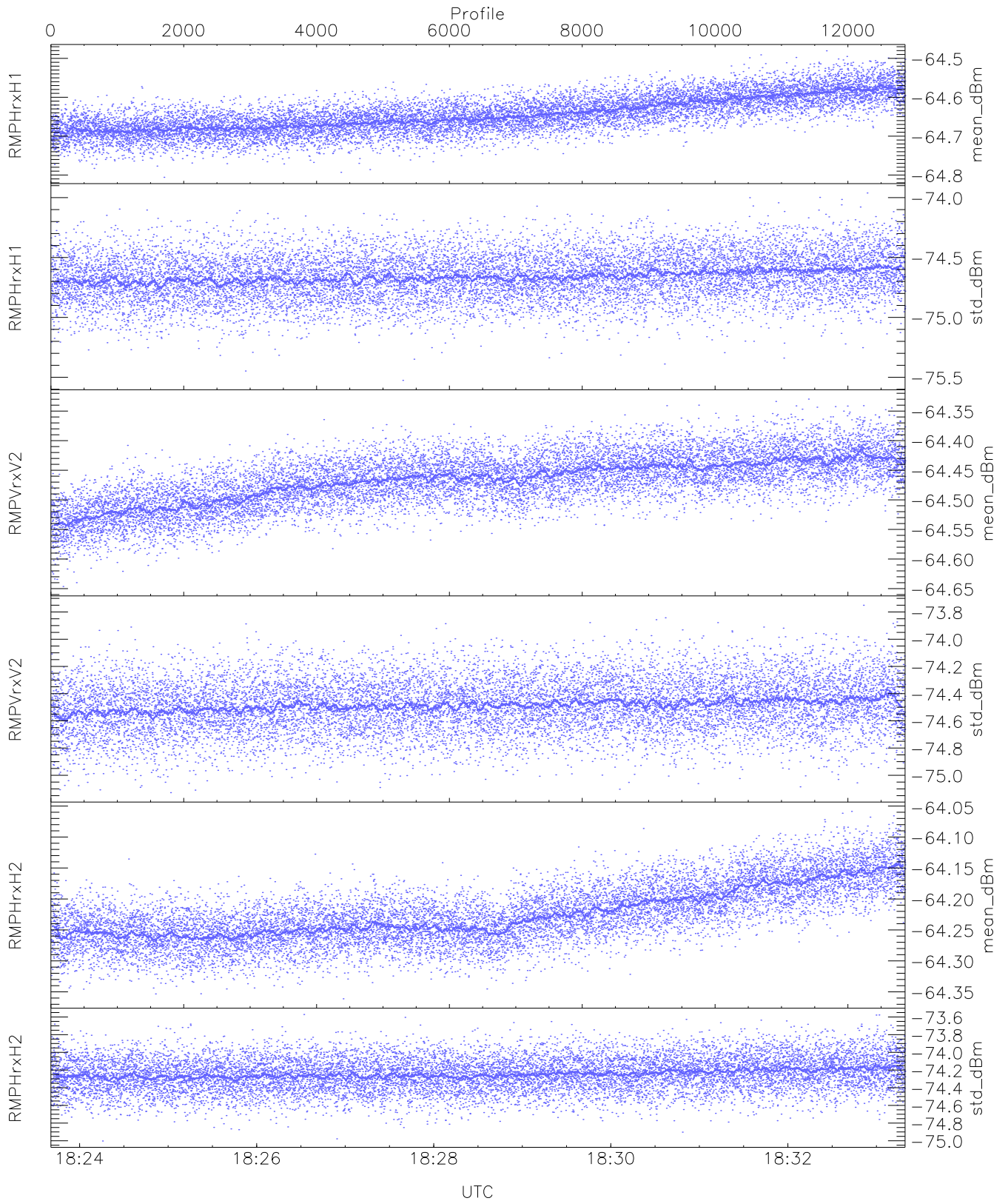
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,28,29,30,33`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,94,31,32,32,34`
`LOalarm(20,240,2817,14861 MHz): None`
`EIK/Modulator Faults: None`



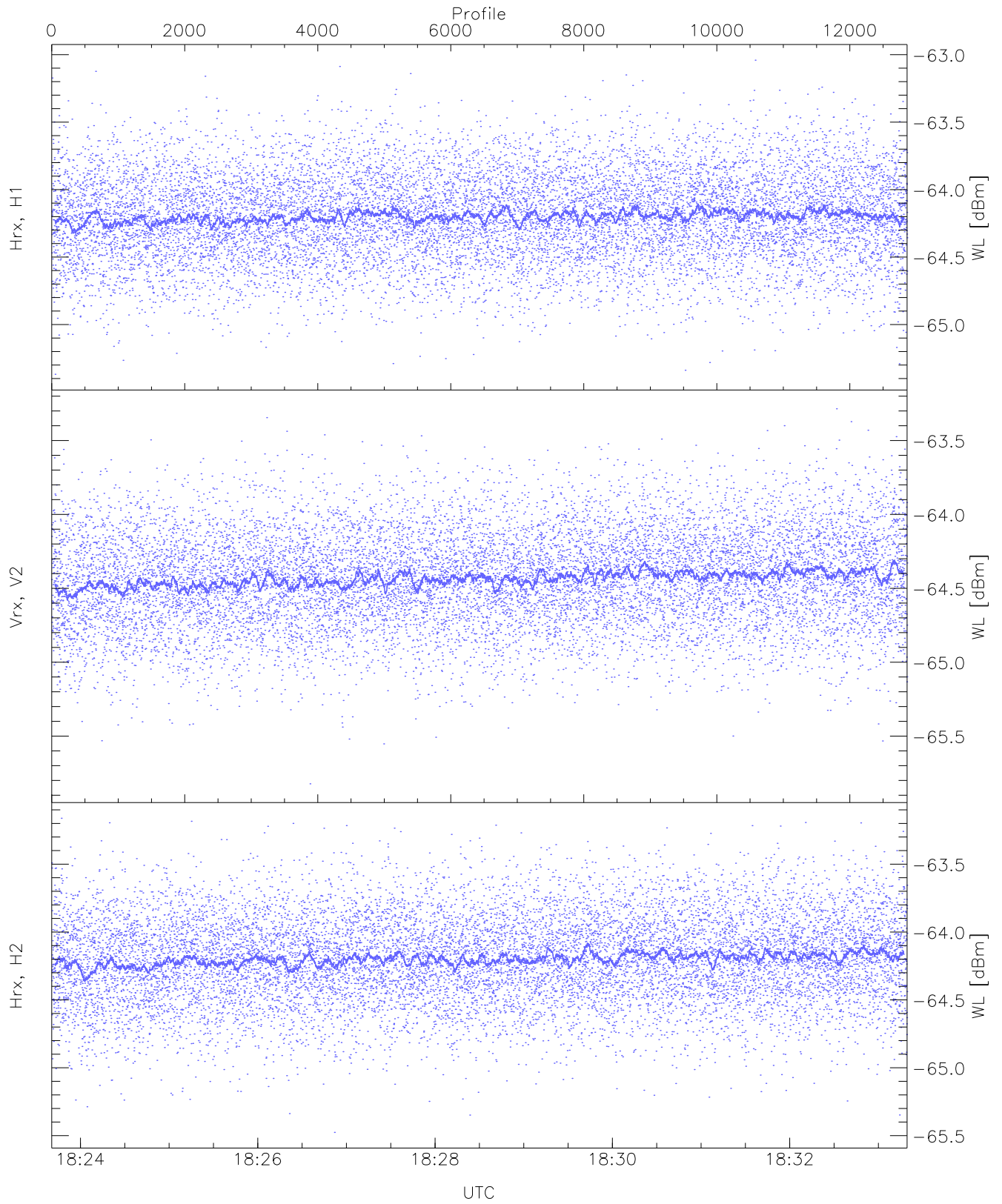
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 19 pixs, 4 gates, 19 profs, 1 prod(s)



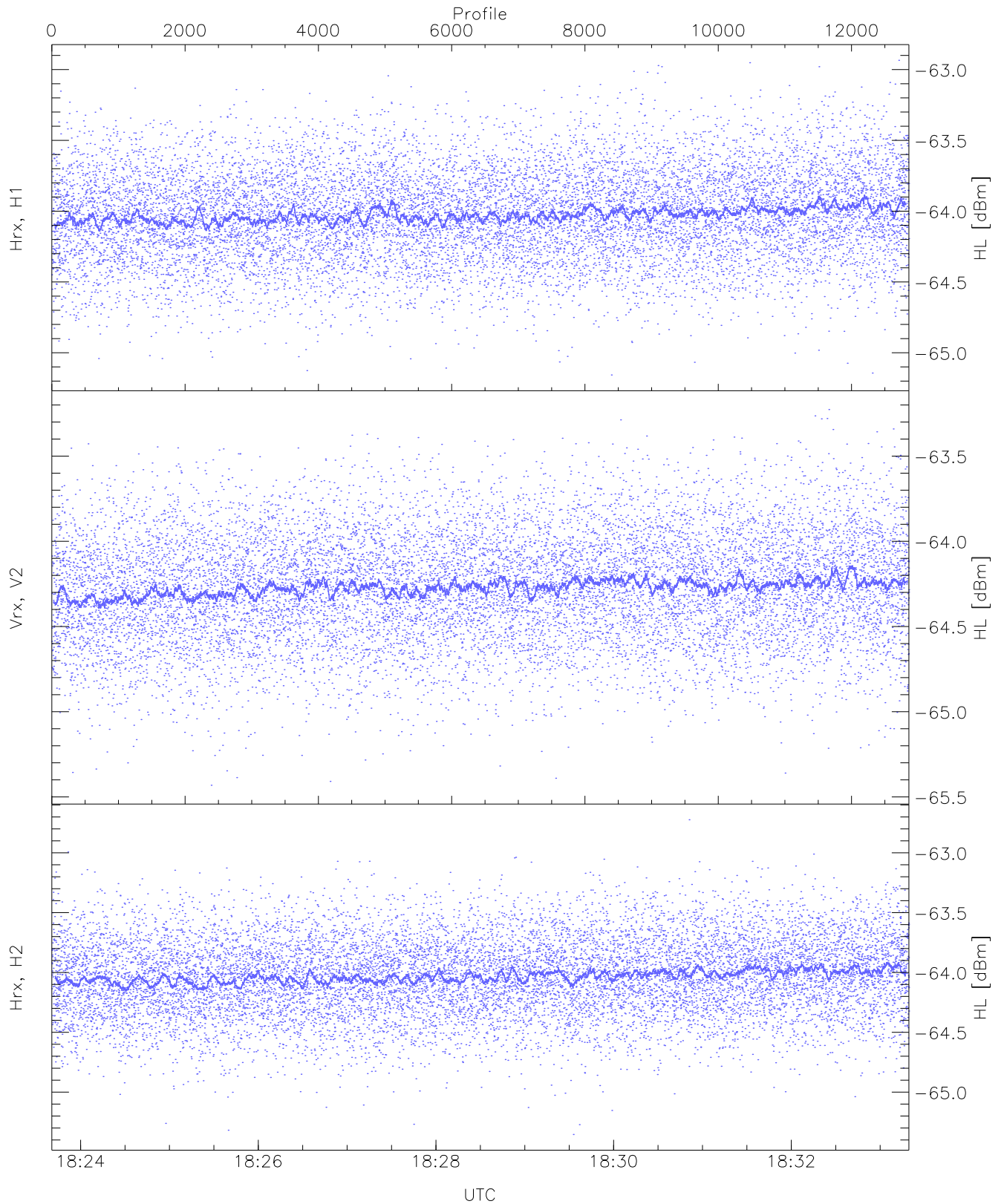
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-64.81	-64.48	-64.64	-64.65	-84.30
RMPHrxH1 (std_dBm)	-75.53	-73.96	-74.66	-74.66	-88.38
RMPVrxV2 (mean_dBm)	-64.65	-64.33	-64.47	-64.46	-84.43
RMPVrxV2 (std_dBm)	-75.13	-73.75	-74.49	-74.49	-88.21
RMPHrxH2 (mean_dBm)	-64.36	-64.06	-64.22	-64.23	-83.90
RMPHrxH2 (std_dBm)	-75.00	-73.57	-74.24	-74.25	-87.95



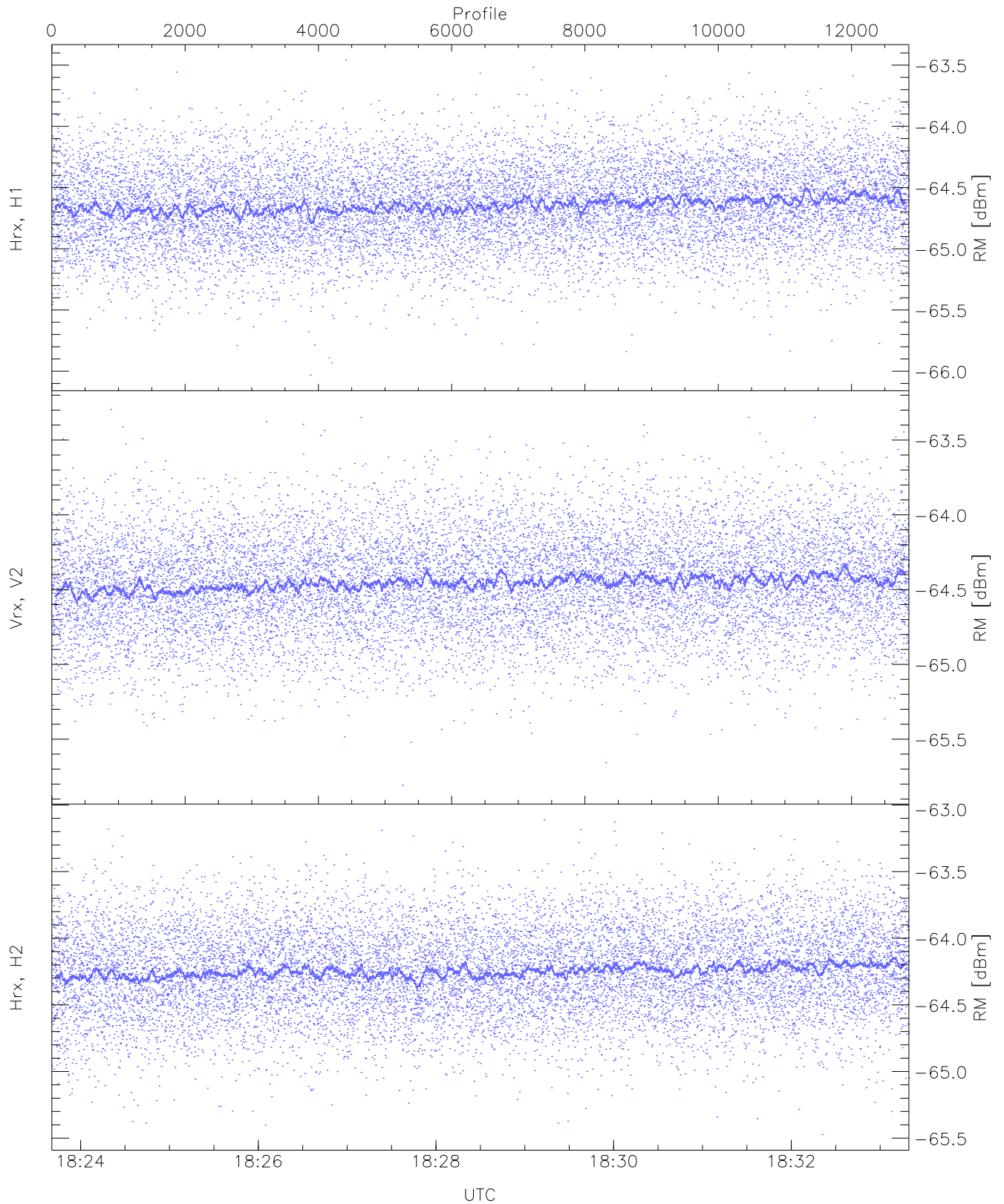
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.37	-63.04	-64.19	-64.20	-75.67
Vrx, V2 (WL [dBm])	-65.82	-63.29	-64.43	-64.44	-75.91
Hrx, H2 (WL [dBm])	-65.48	-63.16	-64.19	-64.20	-75.68



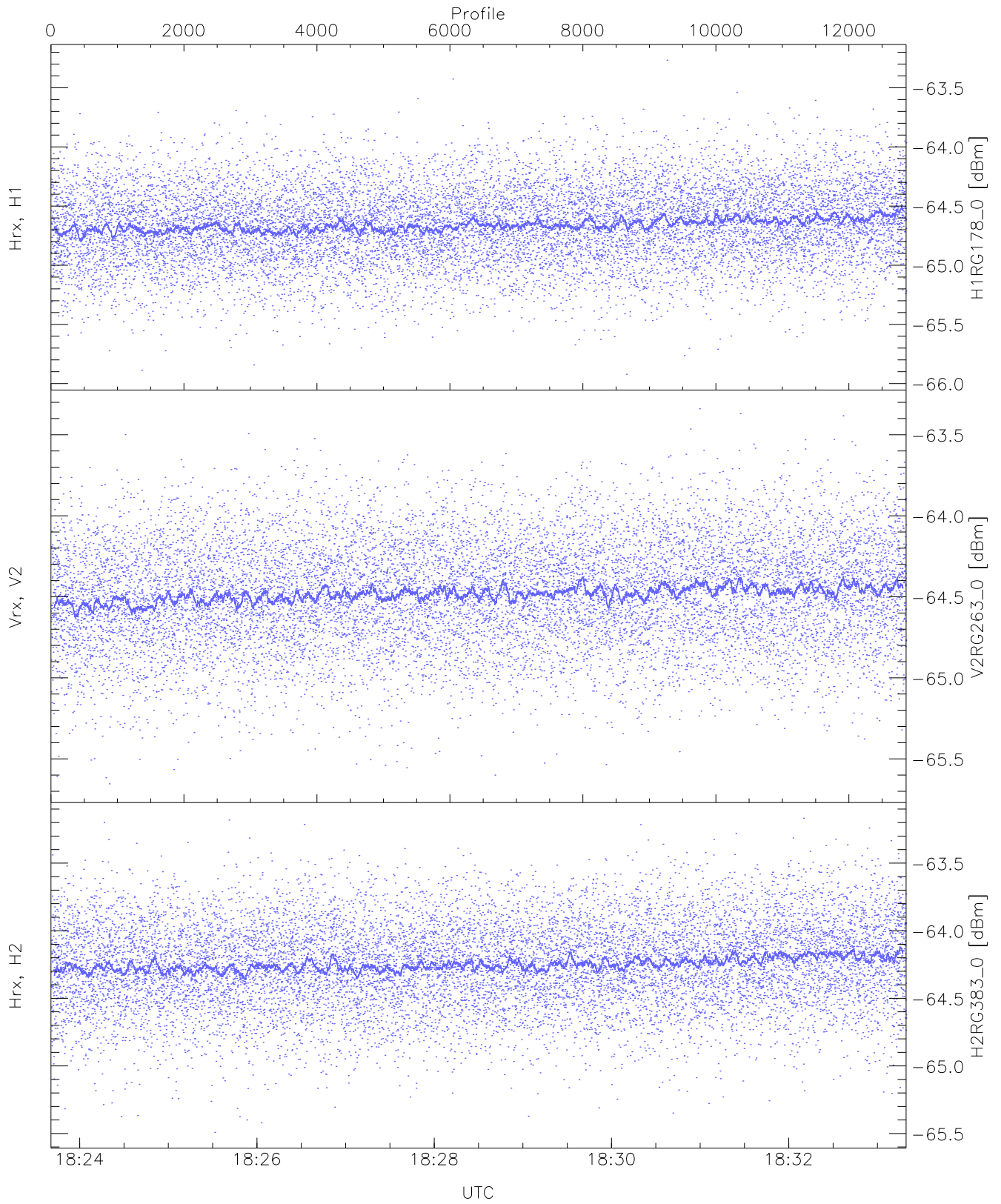
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.16	-62.93	-64.02	-64.03	-75.53
Vrx, V2 (HL [dBm])	-65.43	-63.23	-64.26	-64.27	-75.80
Hrx, H2 (HL [dBm])	-65.35	-62.72	-64.02	-64.03	-75.48



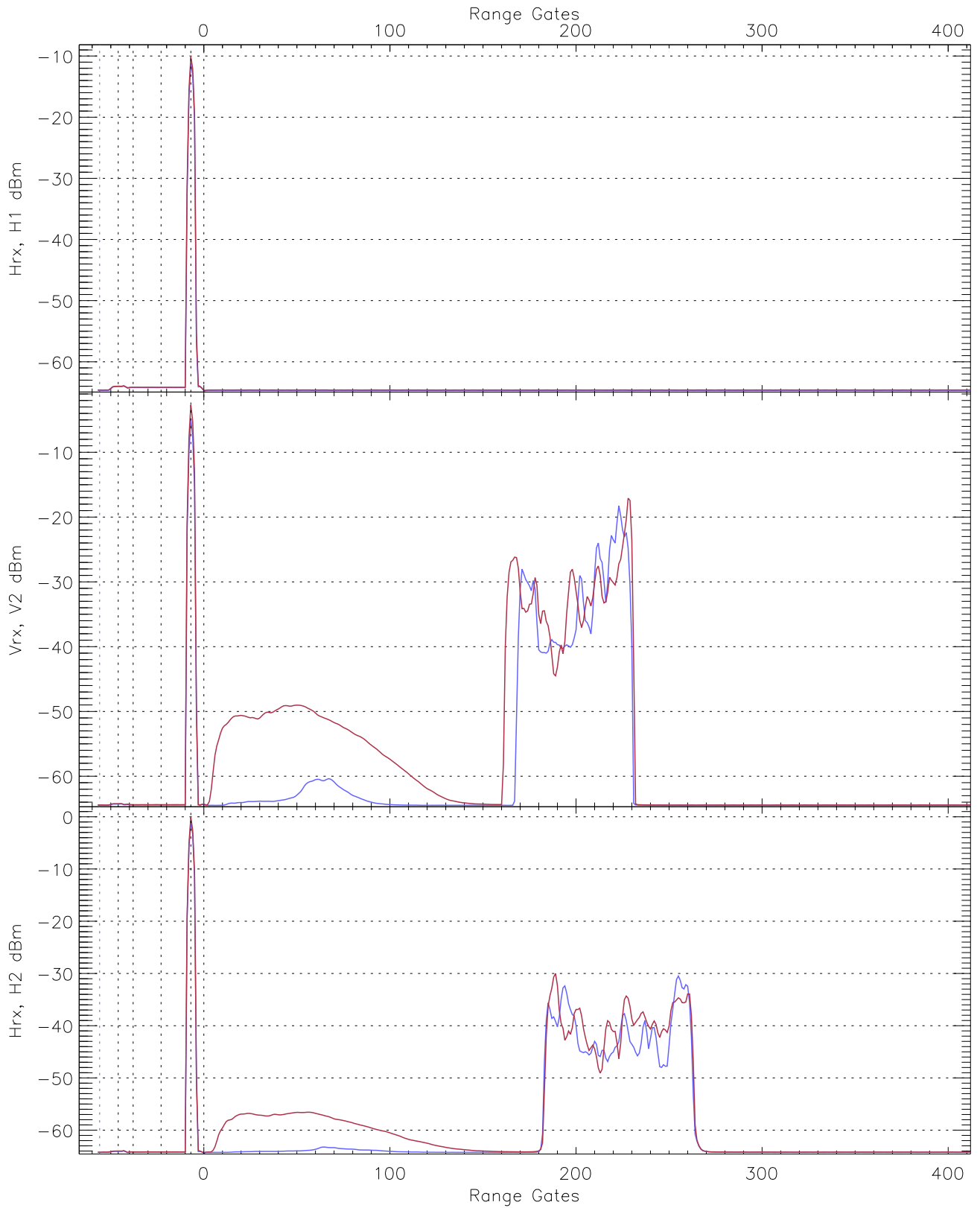
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.03	-63.46	-64.64	-64.65	-76.06
Vrx, V2 (RM [dBm])	-65.81	-63.30	-64.45	-64.46	-75.95
Hrx, H2 (RM [dBm])	-65.47	-63.11	-64.24	-64.25	-75.70

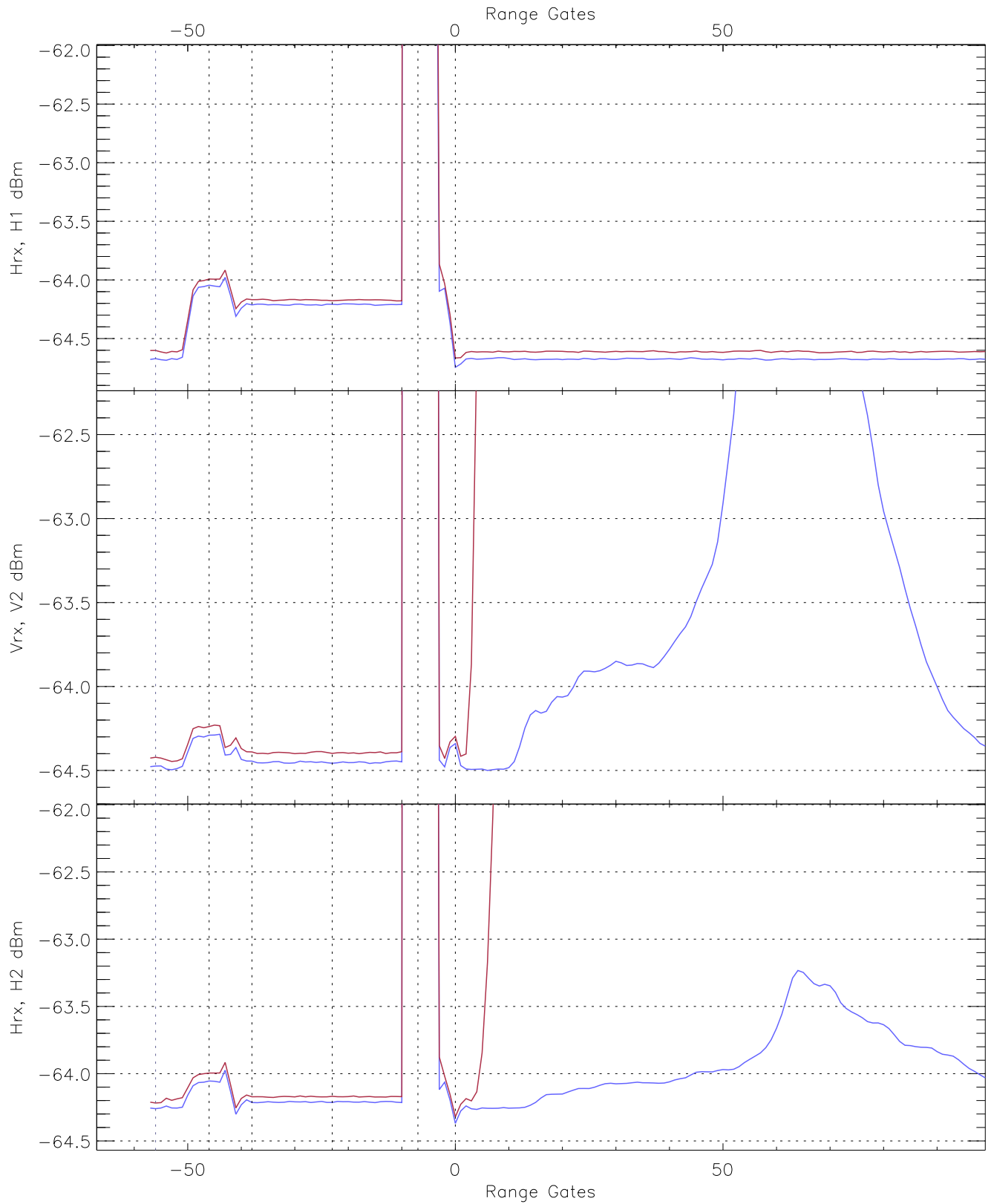


WCR3 CPP "Best" estimate Receivers Noise Power

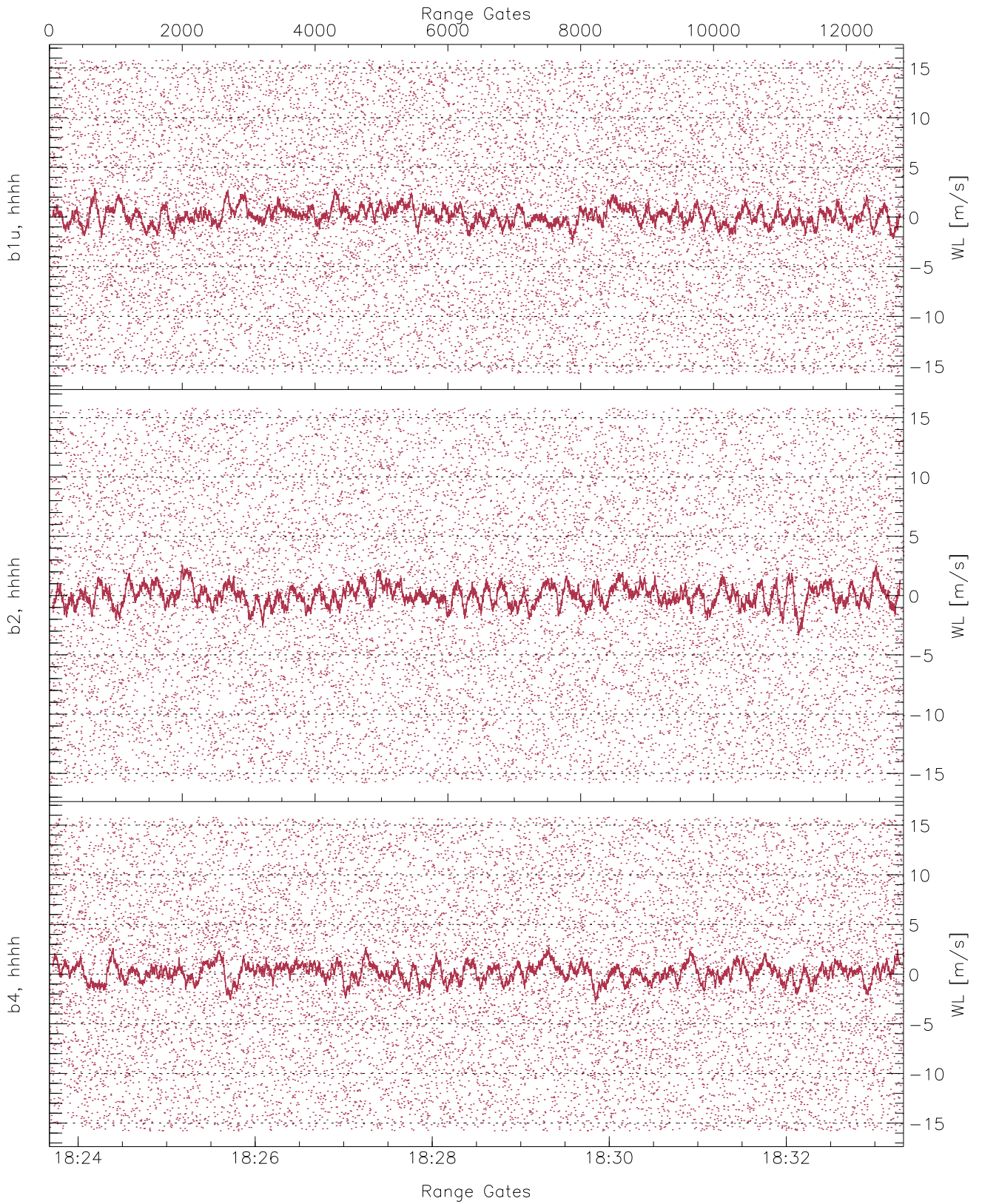
	Min	Max	Mean	Median	StDev
H1RG178_0 [dBm]	-65.92	-63.27	-64.65	-64.66	-76.10
V2RG263_0 [dBm]	-65.65	-63.34	-64.47	-64.48	-75.94
H2RG383_0 [dBm]	-65.49	-63.17	-64.24	-64.25	-75.74



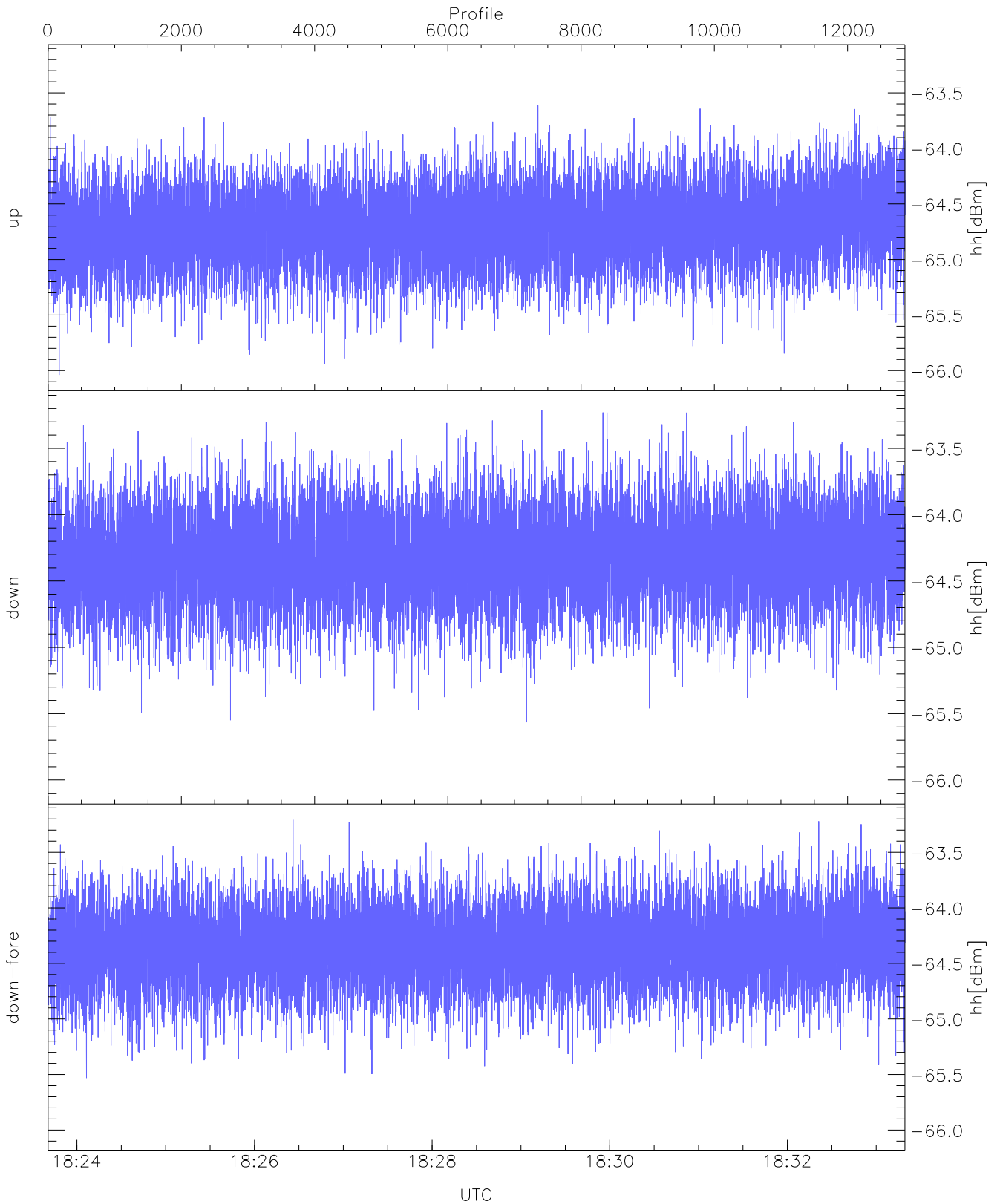
WCR3 CPP Averaged Received power for all recorded gates
blue: 182341-182830, 6432 profiles averaged
red: 182830-183319, 6431 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 182341-182830, 6432 profiles averaged
red: 182830-183319, 6431 profiles averaged

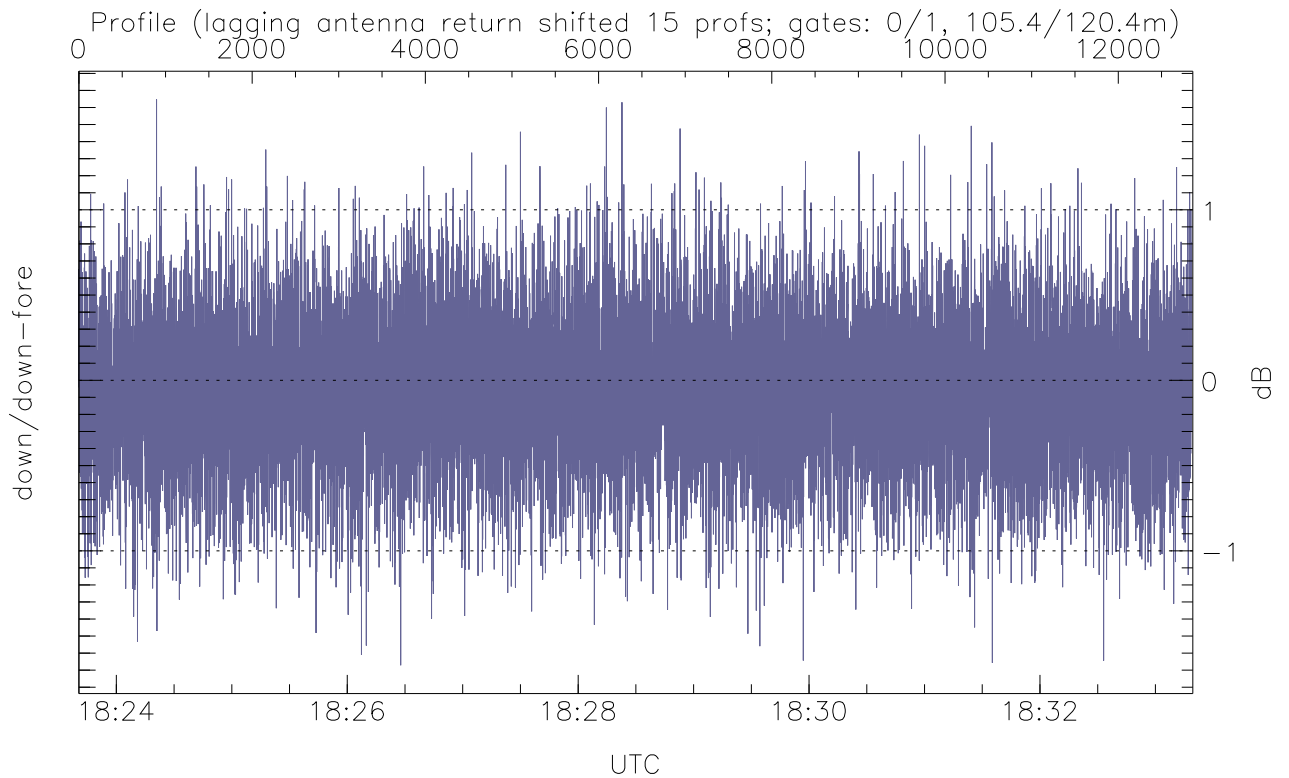
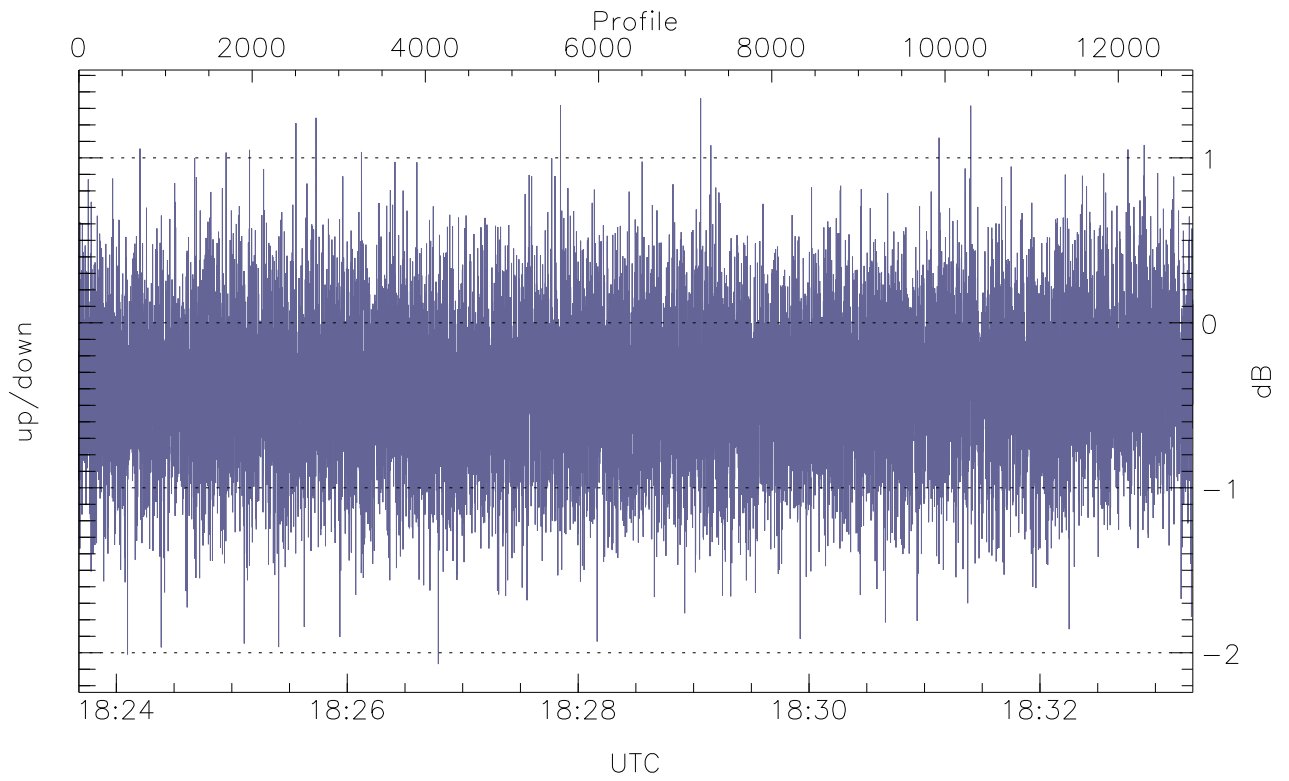


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



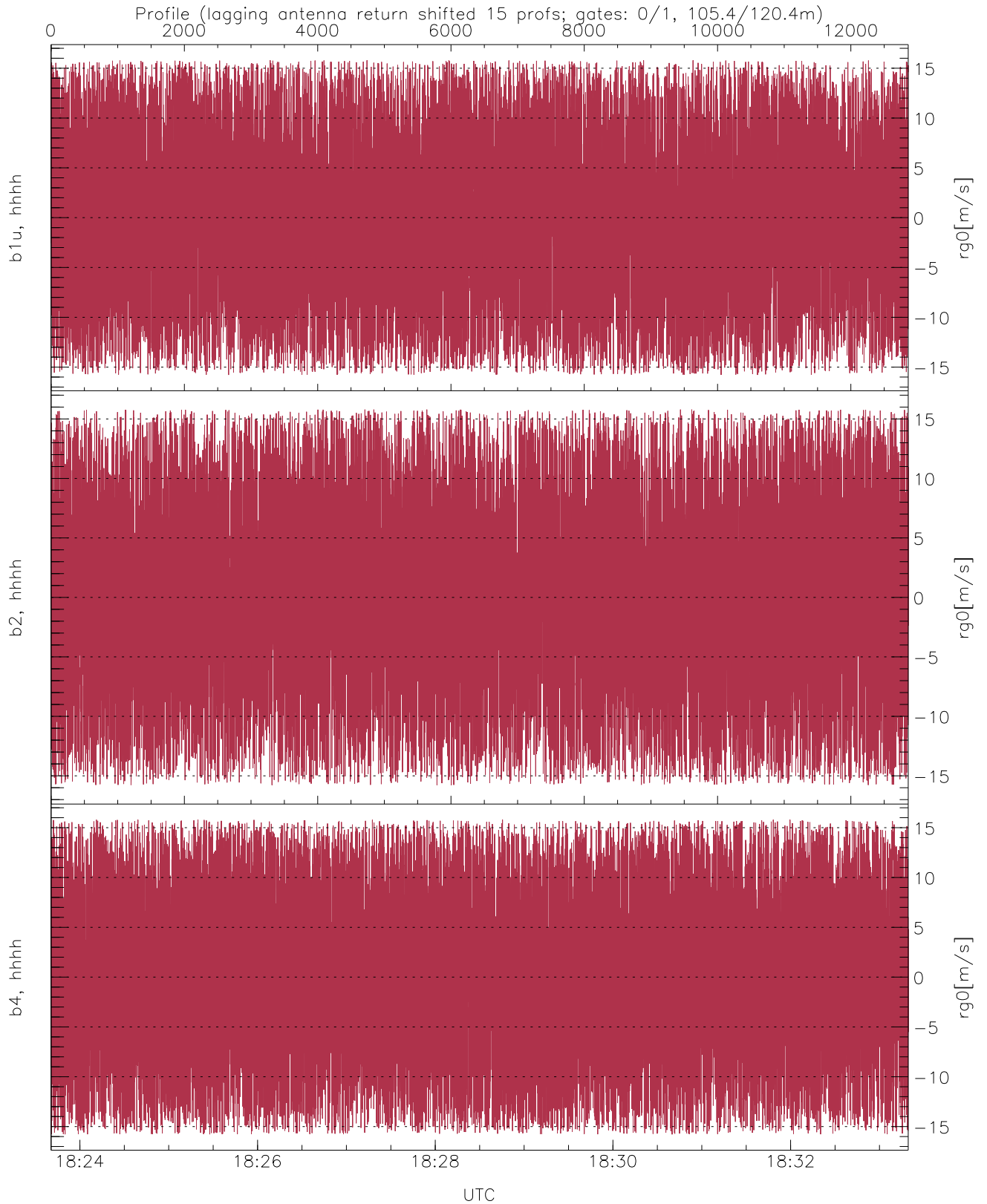
WCR3 CPP Received Power Products for Range gate 0 (105.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.04	-63.61	-64.71
down(hh[dBm])	-65.57	-63.21	-64.32
down-fore(hh[dBm])	-65.53	-63.21	-64.34



WCR3 Beam pairs Received Power Ratio(s); RangeGate: 0 (105 m)

	Min	Max	Mean
up/down (dB)	-2.07	1.36	-0.39
down/down-fore (dB)	-1.67	1.65	-0.07



WCR3 CPP Doppler Velocity Products at 105.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg0[m/s])	-15.78	15.79	0.03	8.80
b2, hhhh(rg0[m/s])	-15.78	15.79	0.01	8.59
b4, hhhh(rg0[m/s])	-15.79	15.79	-0.03	9.07