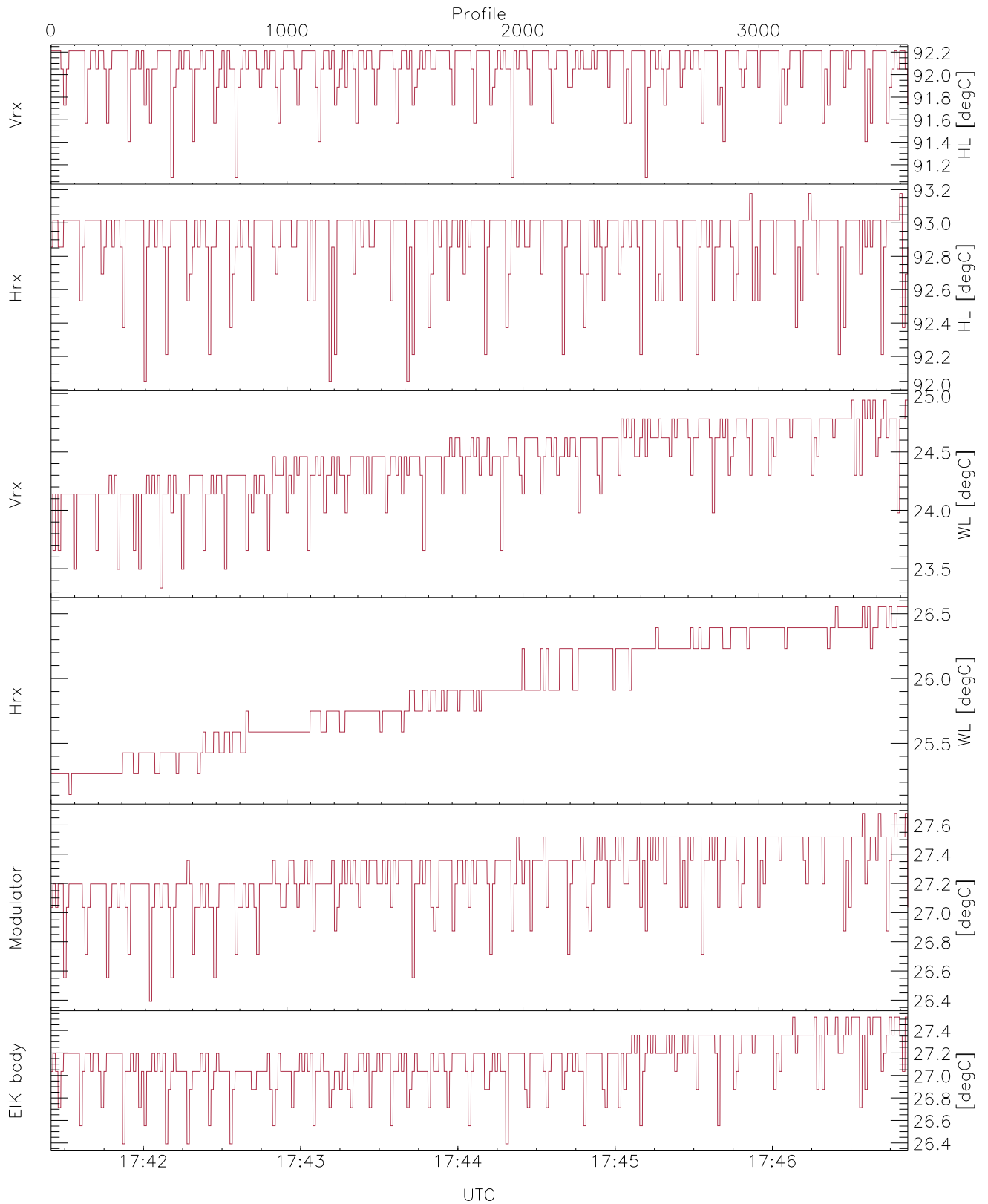


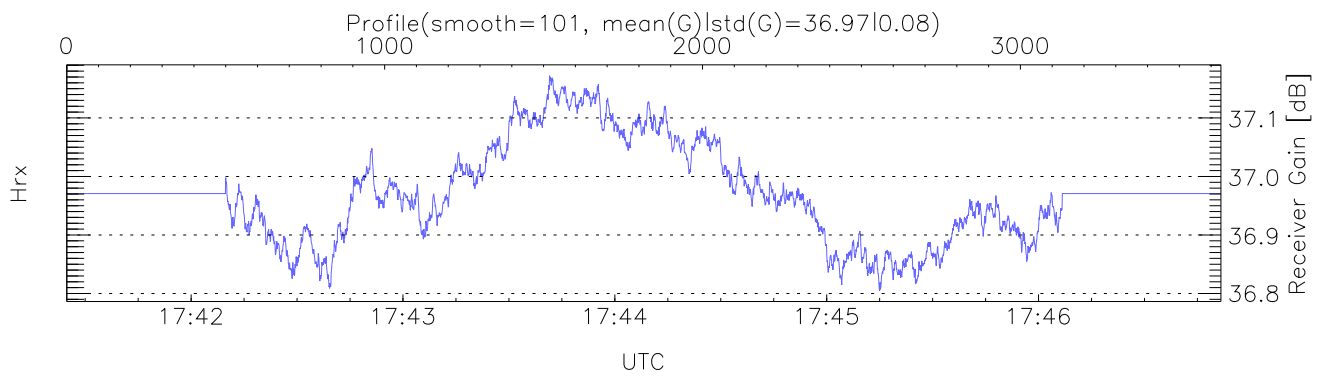
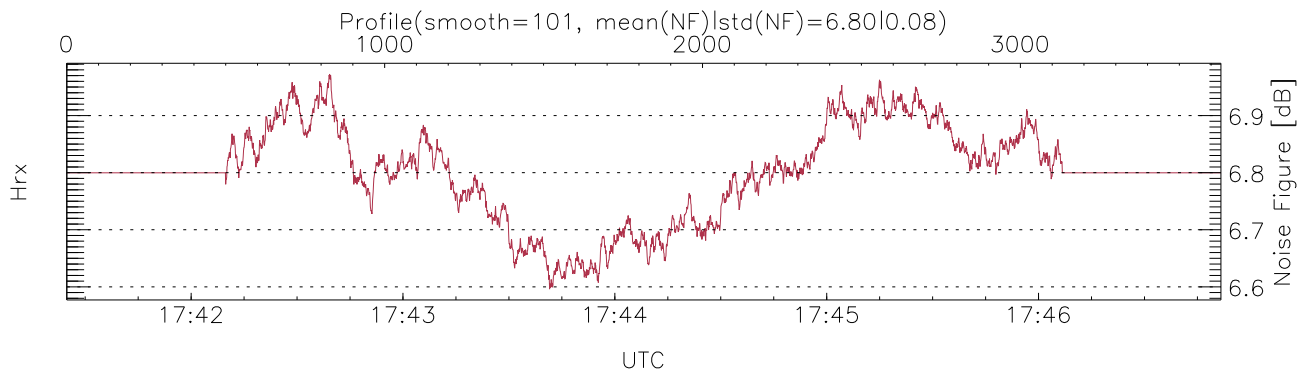
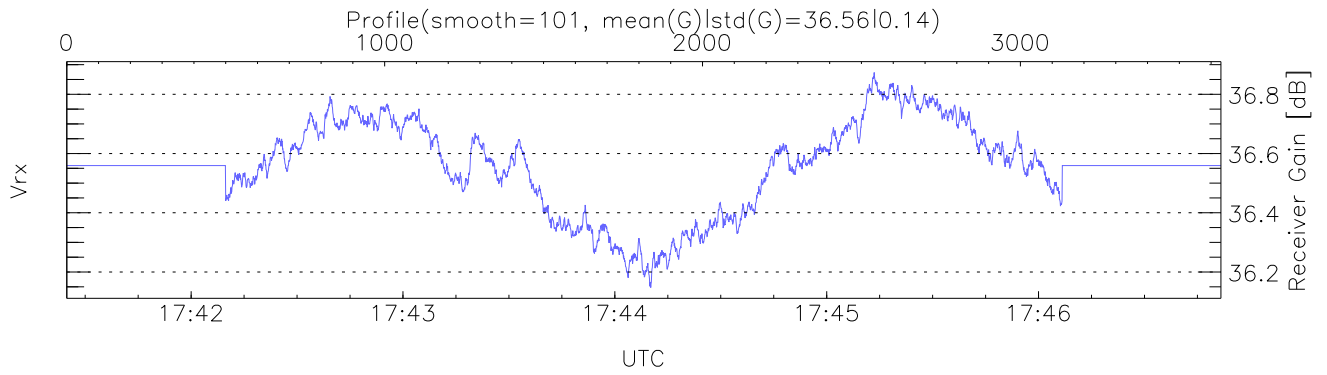
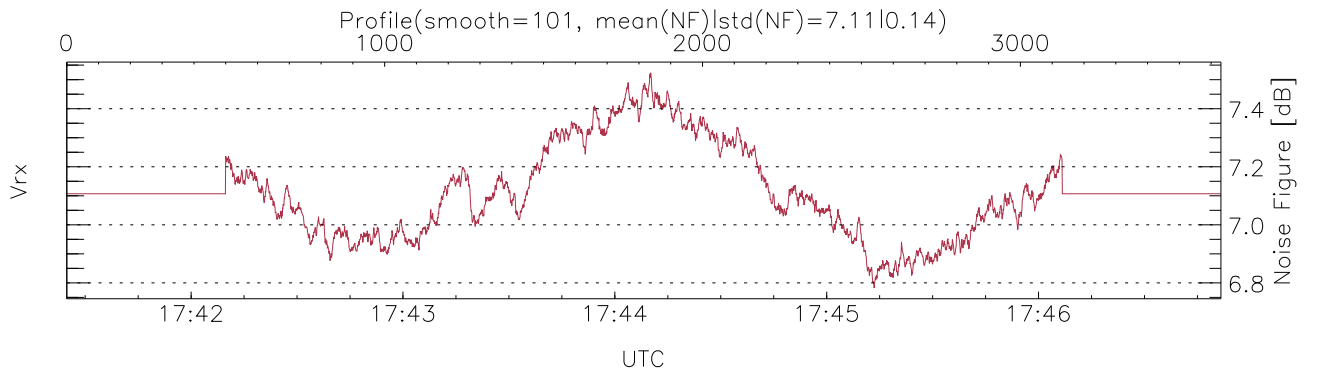
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 17:41:25-17:46:52, TimeCor: 0.00s, Dur: 326.87s
 TimeFlg: 1, TFPstatus constant.
 TimeInt/PPS(min,max,mn,std): 90.0,90.0,90.0,0.0 ms / 11.1,11.1,11.1
 NumRec(r/t): 3632/3632, 0-3631/17:41:25-17:46:52
 AcqTime: 90.0ms, Rate: 0.245MB/s, Averages (req.,actual): 200,200
 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: 1.9
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



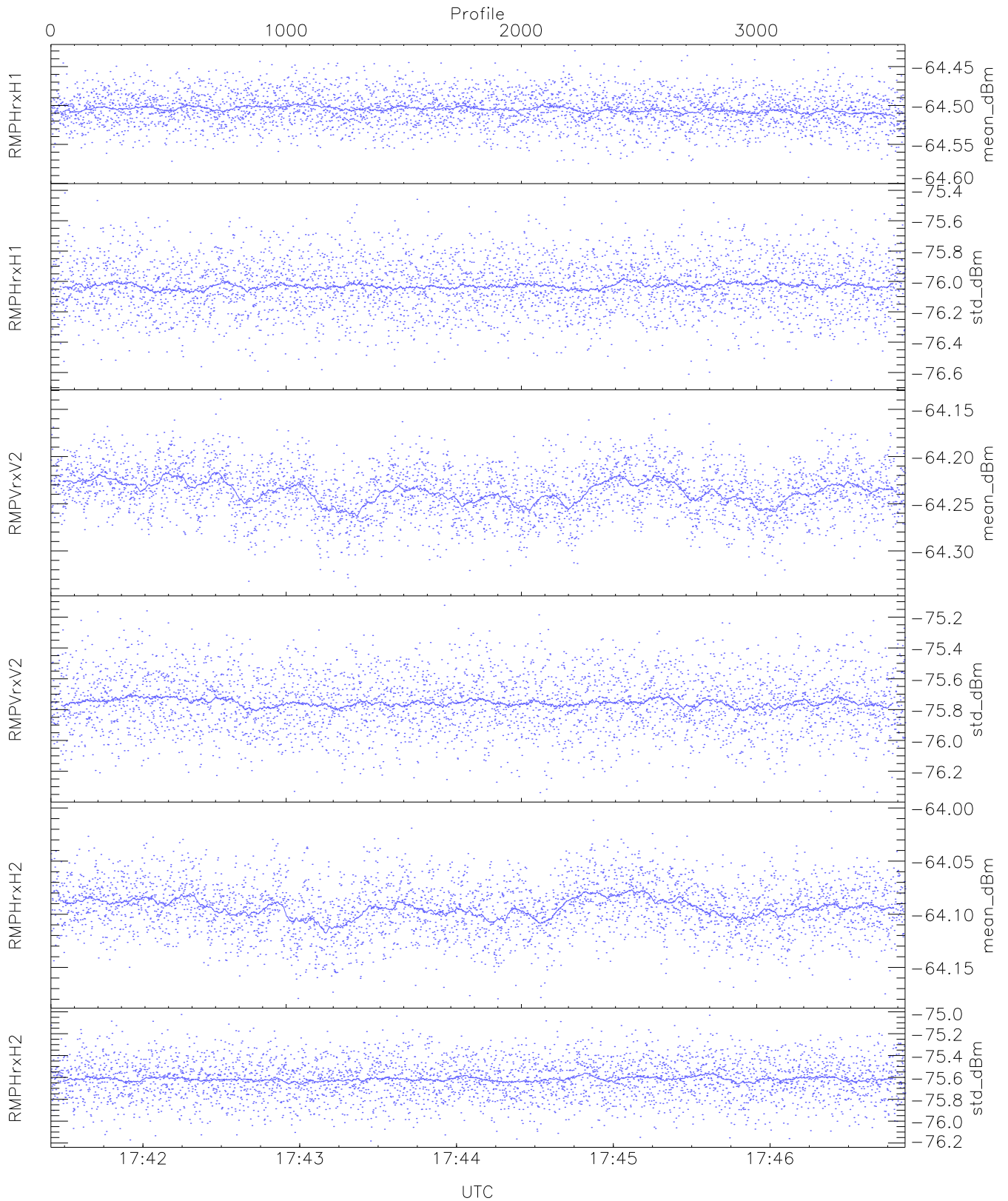
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,23,25,26,26`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,24,26,27,27`
`LOalarm(20,240,2817,14861 MHz): 0,0,11,0`
`EIK/Modulator Faults: None`



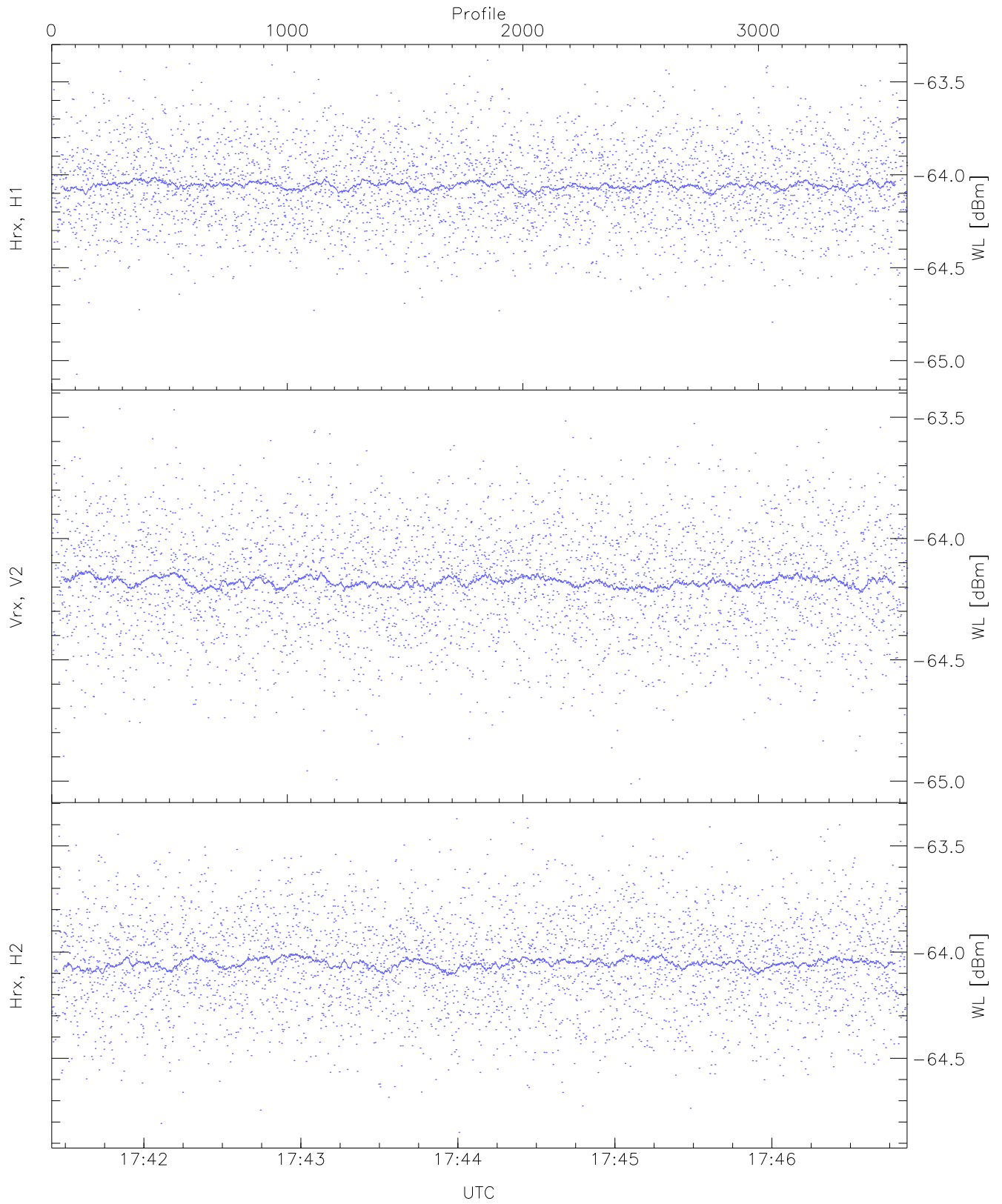
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 24 pixs, 4 gates, 22 profs, 1 prod(s)



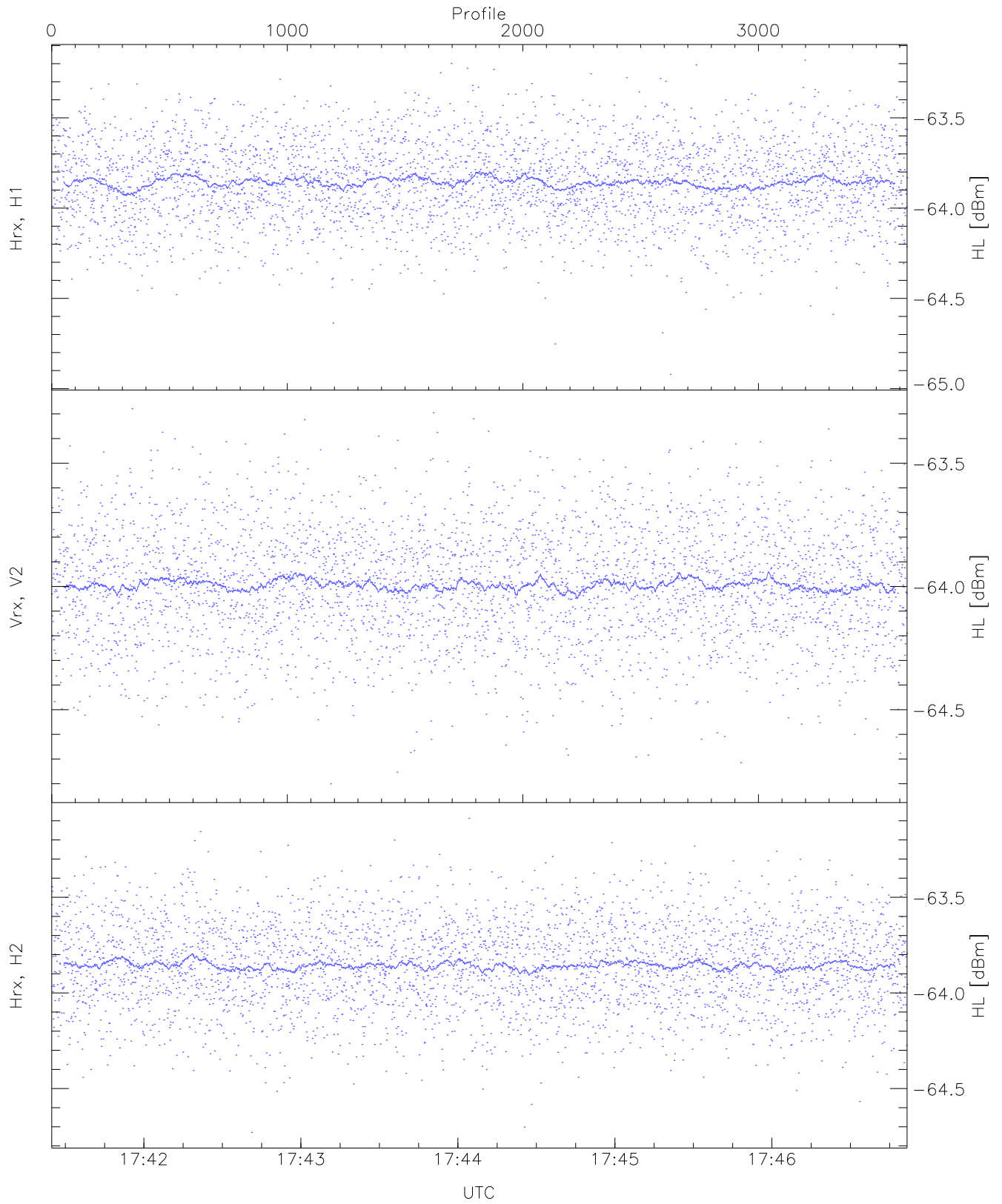
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-64.59	-64.43	-64.51	-64.50	-87.52
RMPHrxH1 (std_dBm)	-76.65	-75.42	-76.03	-76.03	-89.92
RMPVrxV2 (mean_dBm)	-64.34	-64.14	-64.24	-64.24	-86.42
RMPVrxV2 (std_dBm)	-76.34	-75.12	-75.75	-75.76	-89.48
RMPHrxH2 (mean_dBm)	-64.18	-64.00	-64.09	-64.09	-86.62
RMPHrxH2 (std_dBm)	-76.18	-75.02	-75.61	-75.61	-89.43



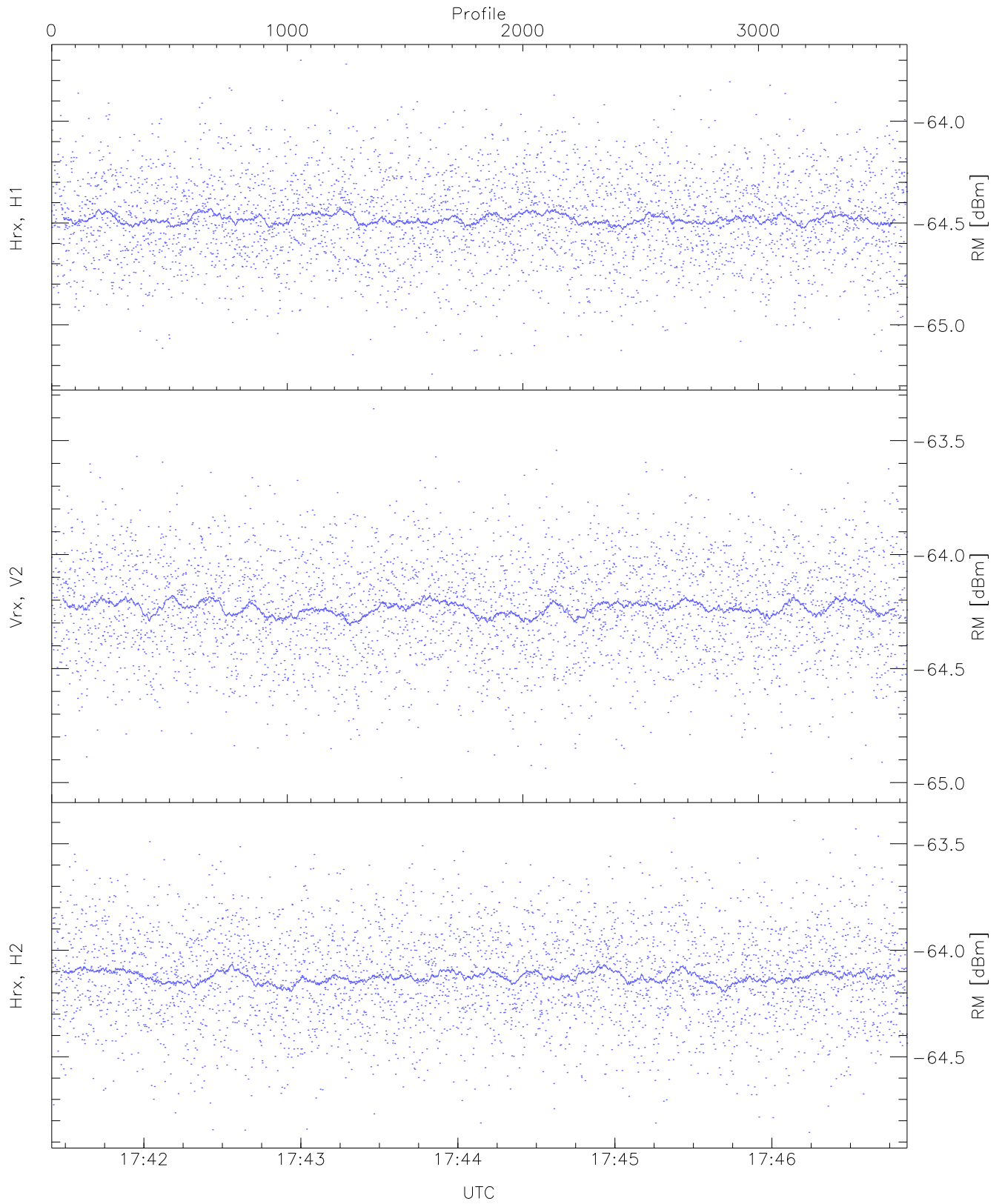
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.07	-63.38	-64.05	-64.06	-77.14
Vrx, V2 (WL [dBm])	-65.01	-63.47	-64.17	-64.17	-77.15
Hrx, H2 (WL [dBm])	-64.85	-63.37	-64.05	-64.05	-77.05



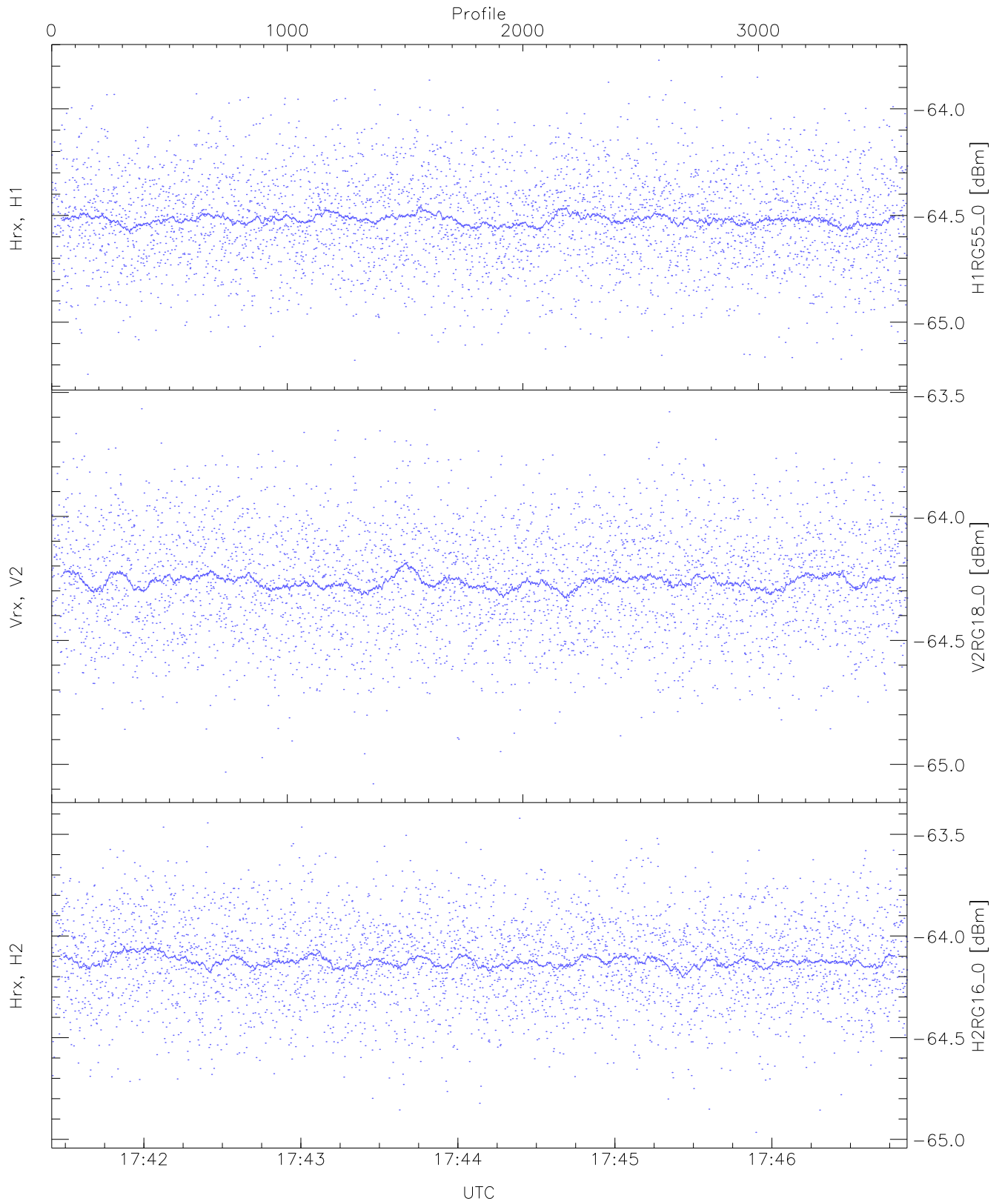
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-64.92	-63.18	-63.85	-63.85	-76.87
Vrx, V2 (HL [dBm])	-64.80	-63.28	-63.99	-63.99	-76.96
Hrx, H2 (HL [dBm])	-64.73	-63.09	-63.85	-63.85	-76.84



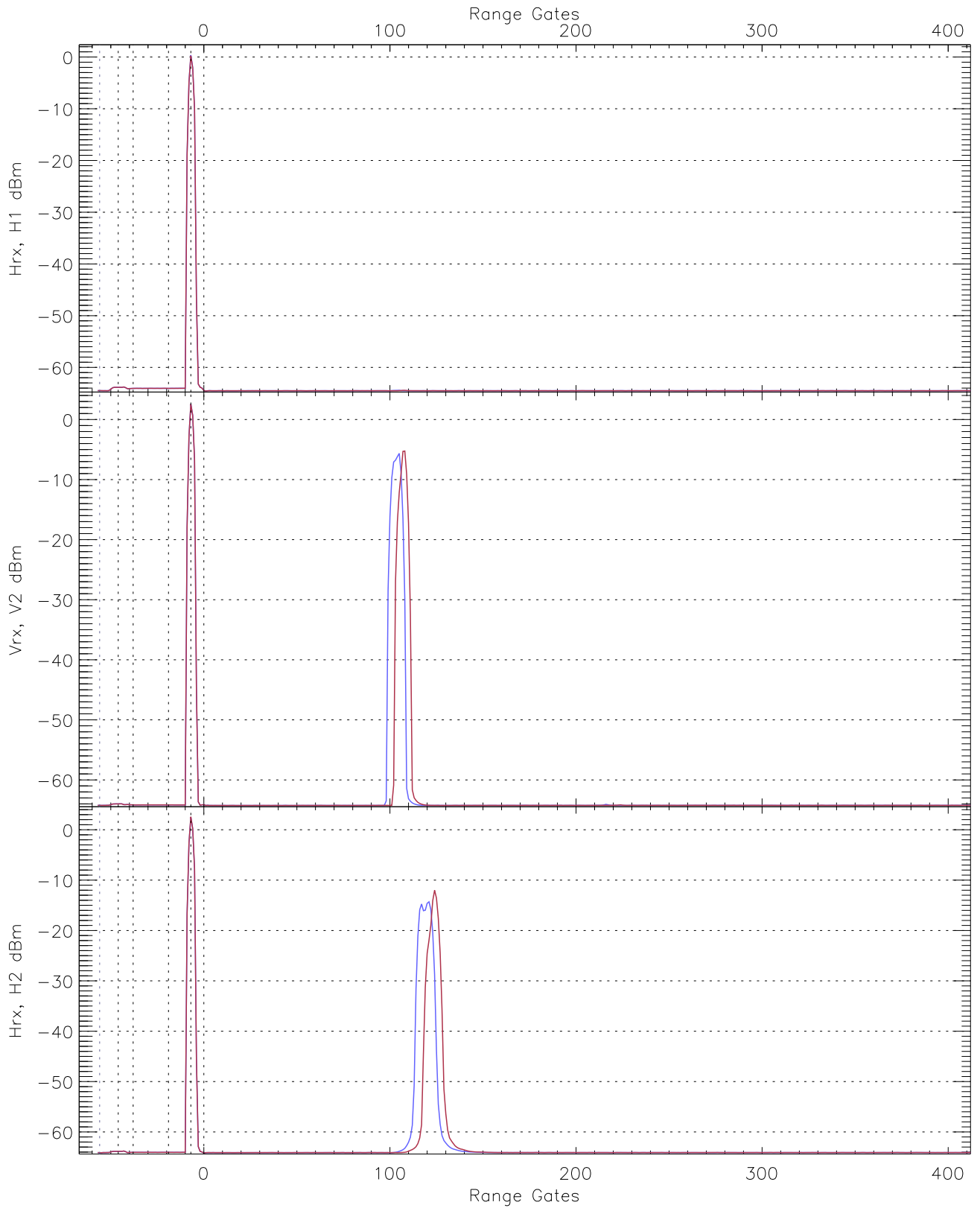
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-65.24	-63.70	-64.48	-64.48	-77.54
Vrx, V2 (RM [dBm])	-65.01	-63.36	-64.23	-64.23	-77.20
Hrx, H2 (RM [dBm])	-64.85	-63.38	-64.12	-64.13	-77.11

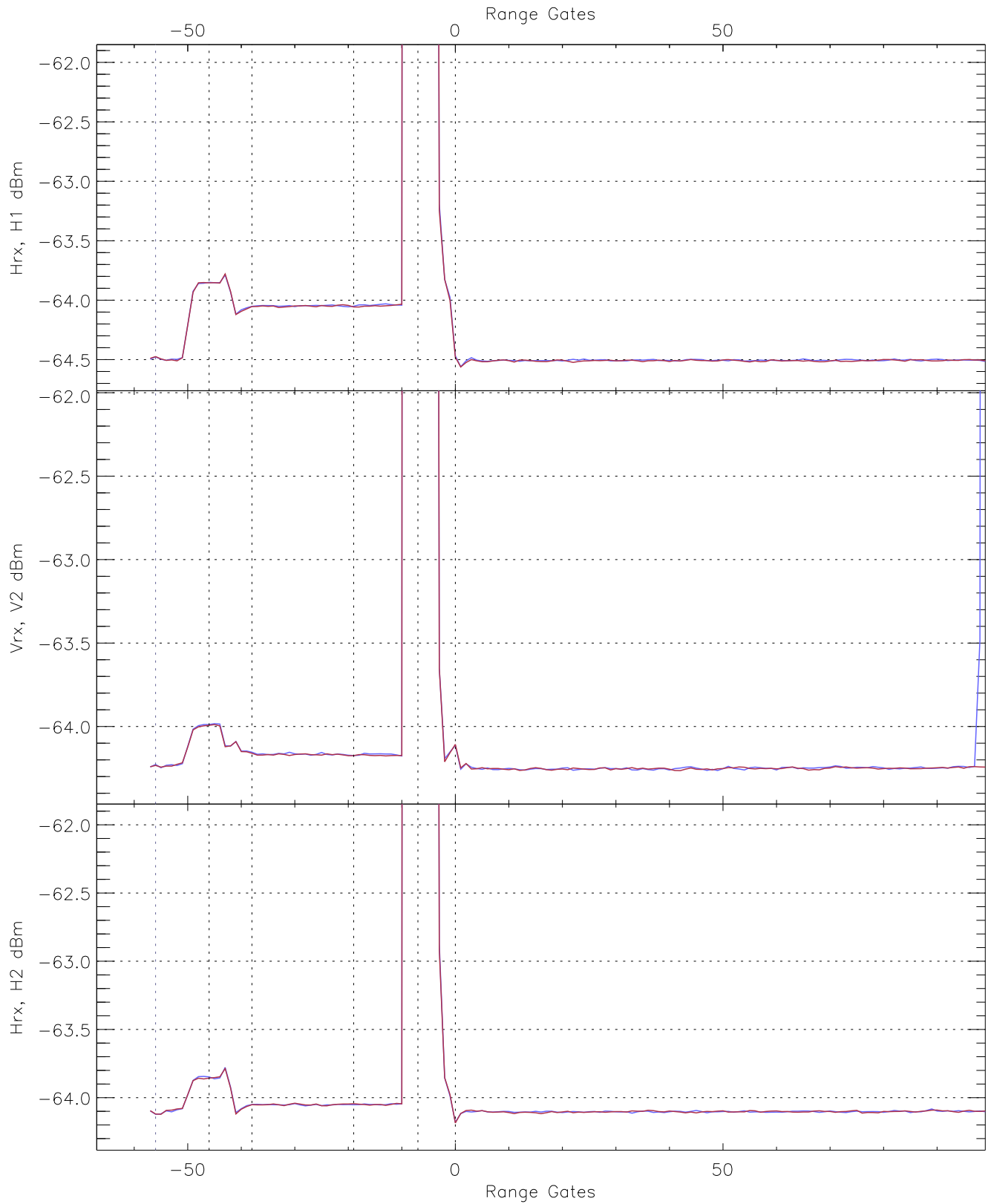


WCR3 CPP "Best" estimate Receivers Noise Power

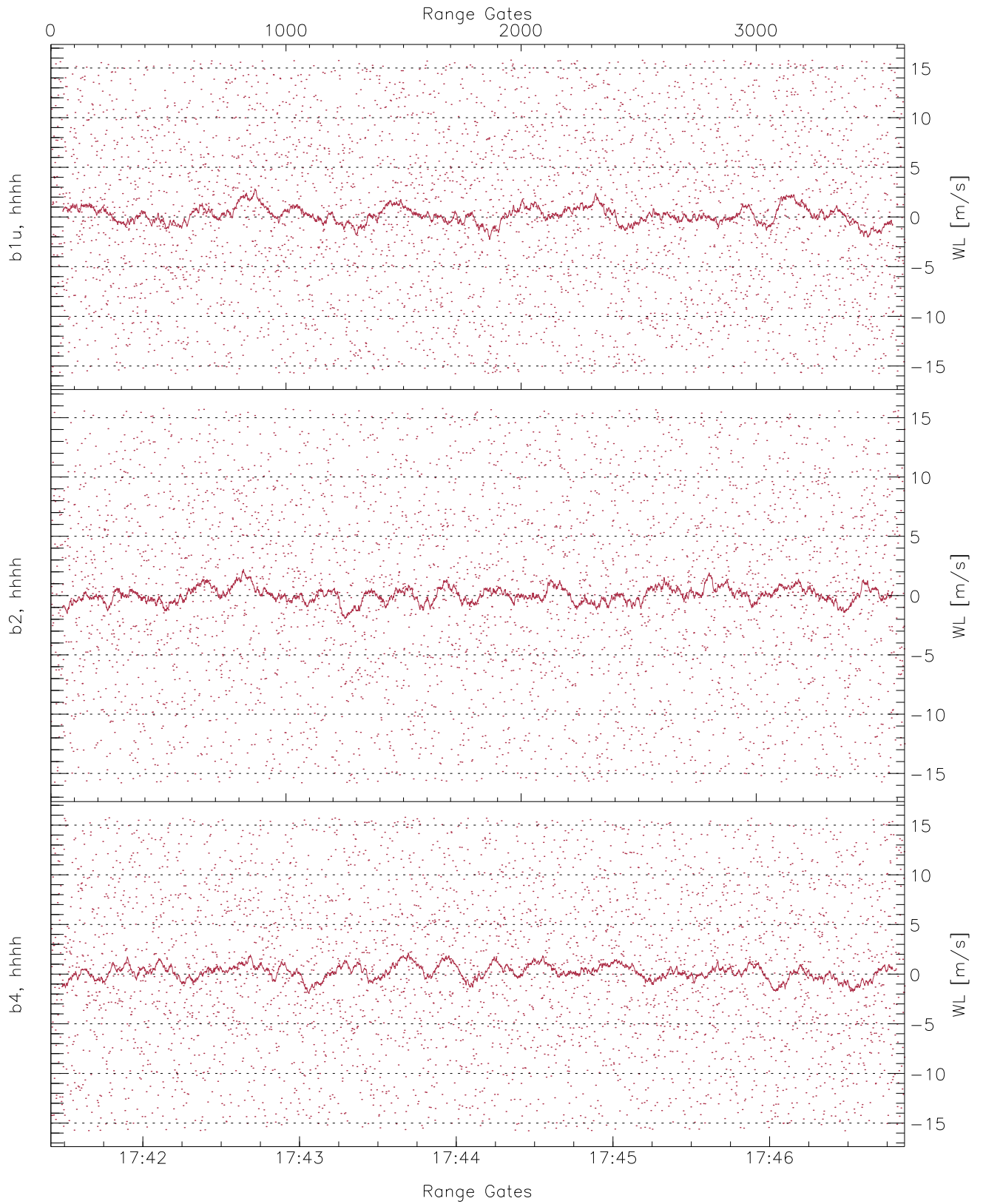
	Min	Max	Mean	Median	StDev
H1RG55_0 [dBm]	-65.24	-63.77	-64.52	-64.52	-77.52
V2RG18_0 [dBm]	-65.08	-63.57	-64.26	-64.26	-77.34
H2RG16_0 [dBm]	-64.97	-63.42	-64.12	-64.12	-77.19



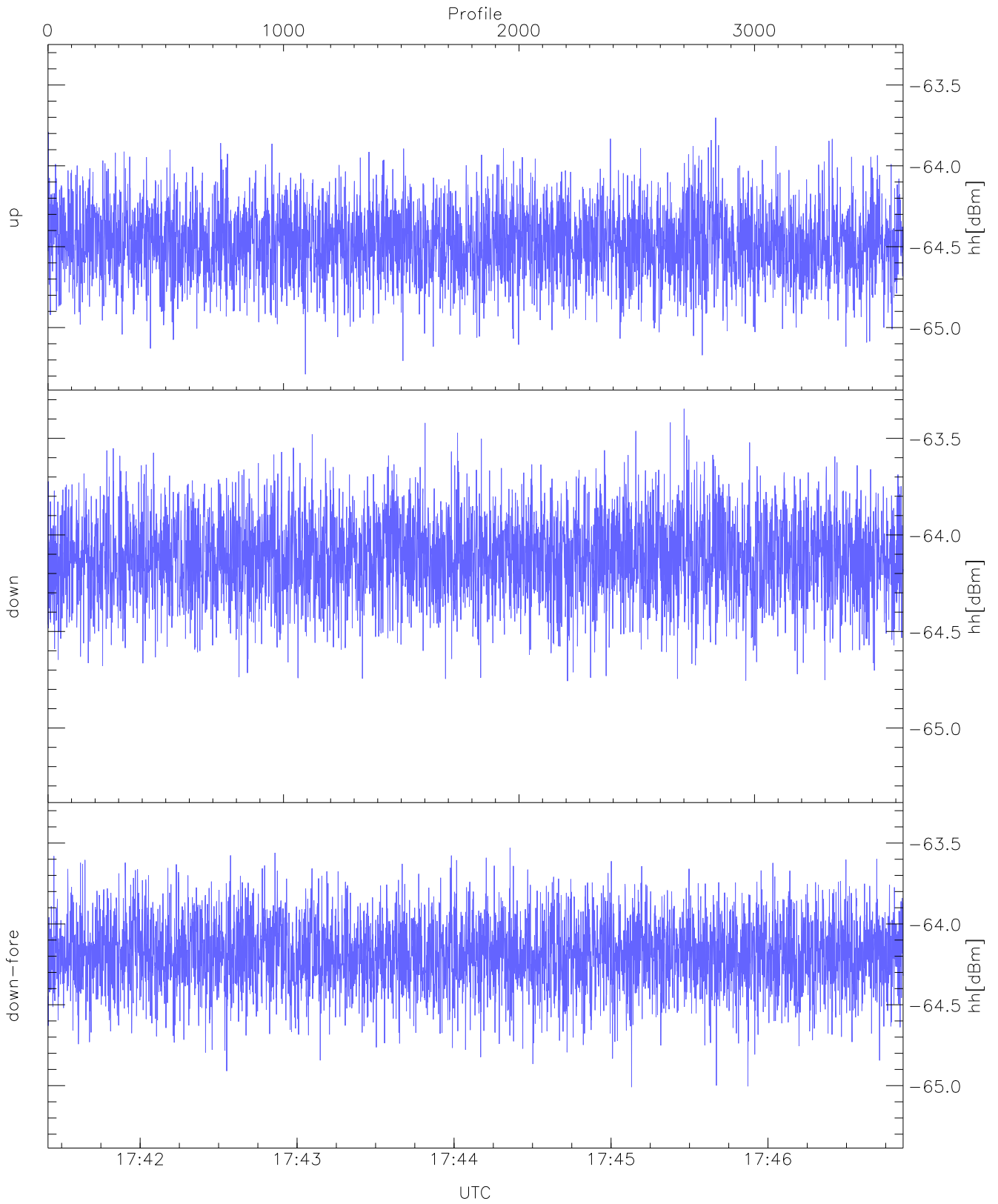
WCR3 CPP Averaged Received power for all recorded gates
blue: 174125-174408, 1817 profiles averaged
red: 174408-174652, 1816 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 174125-174408, 1817 profiles averaged
red: 174408-174652, 1816 profiles averaged

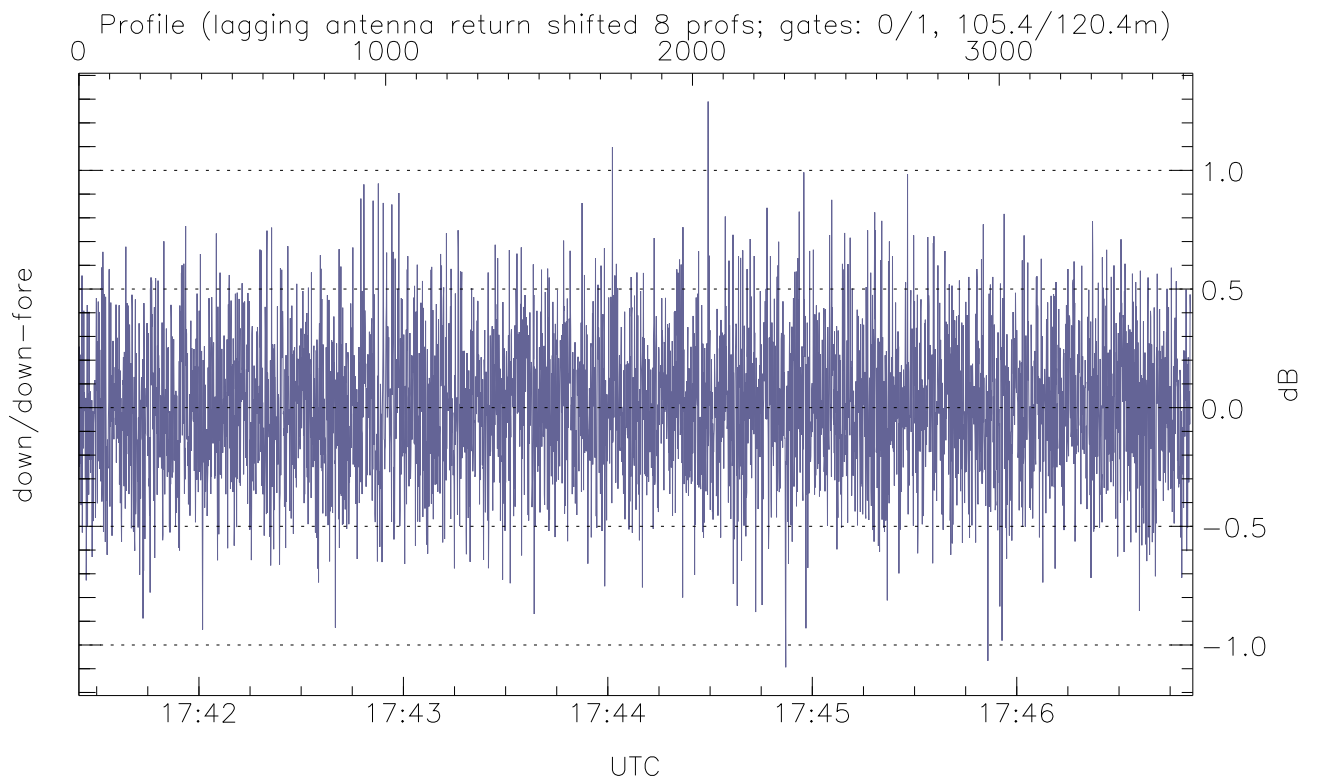
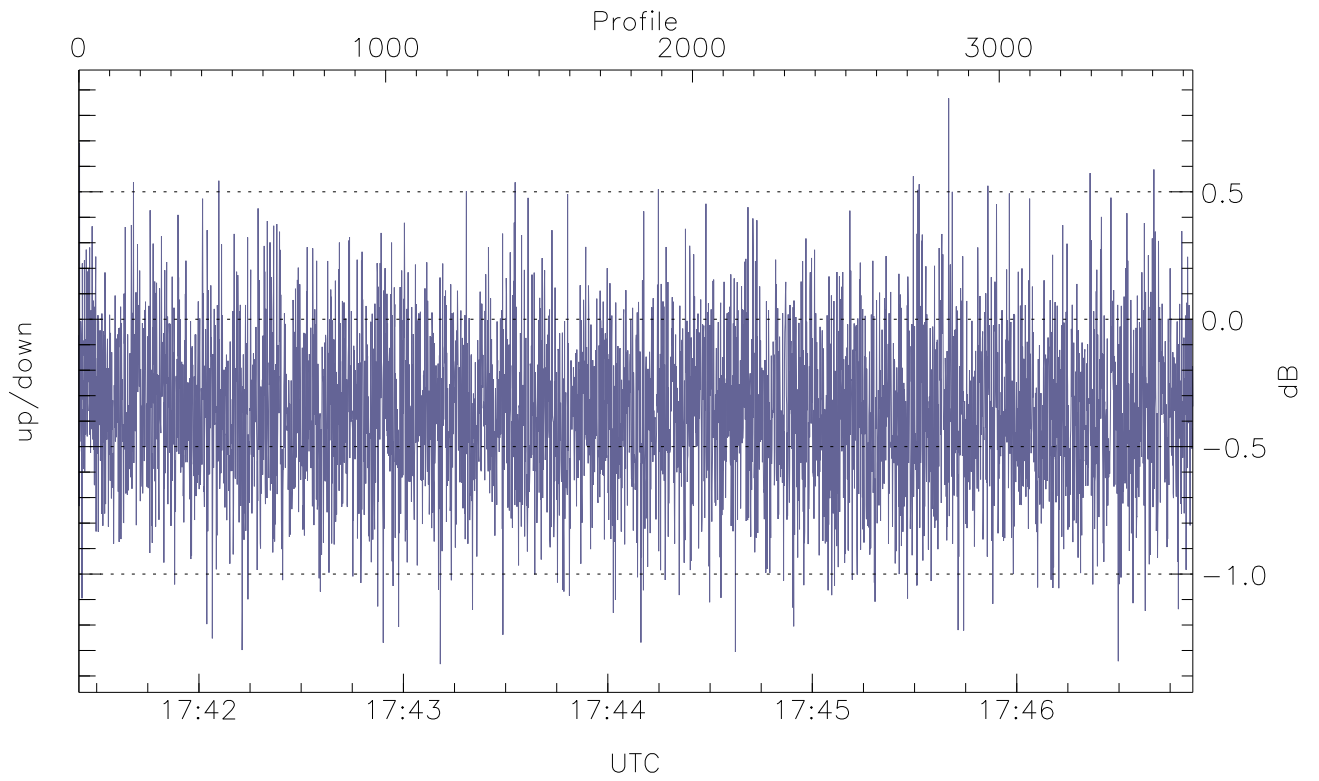


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



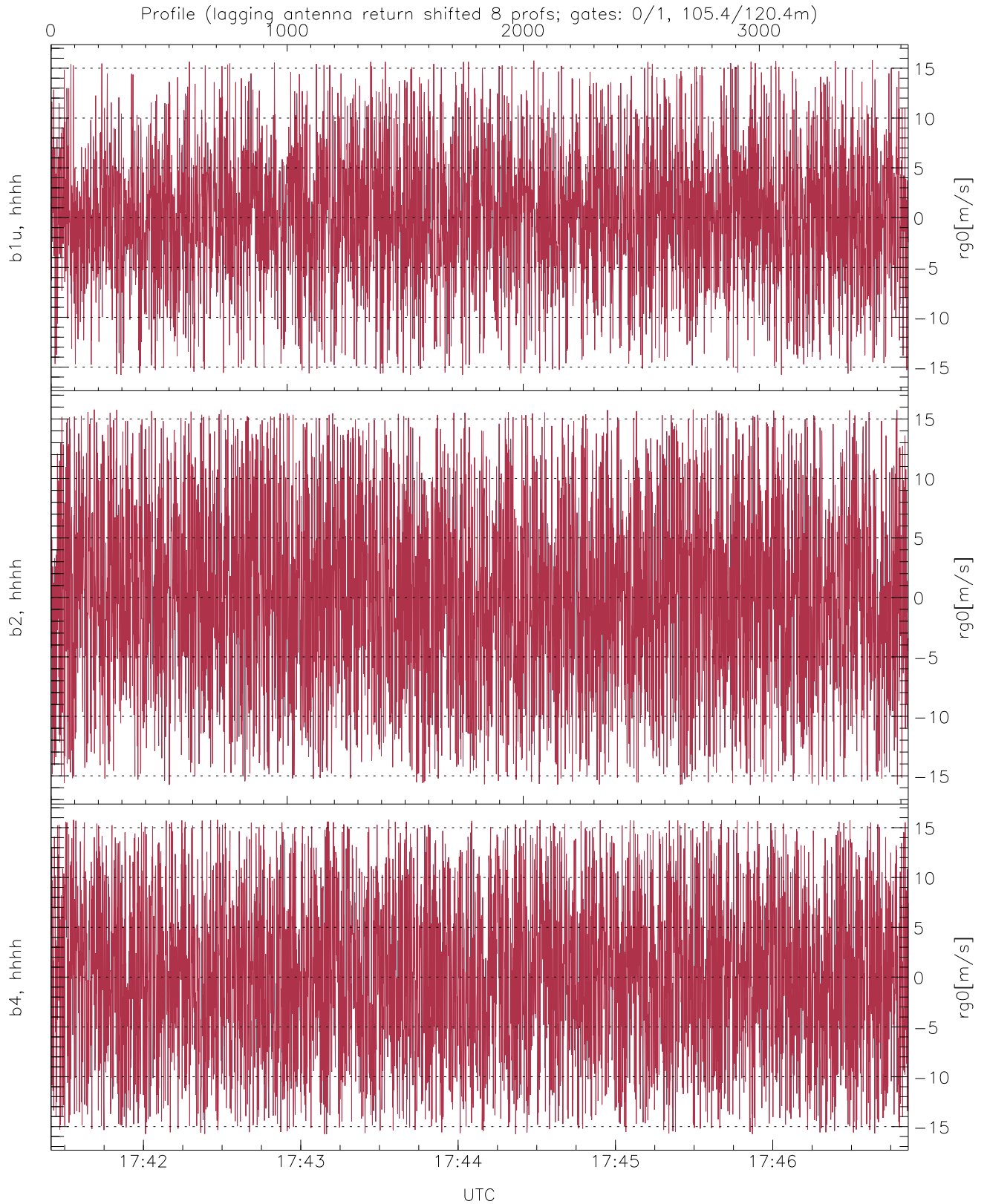
WCR3 CPP Received Power Products for Range gate 0 (105.4 m)

	Min	Max	Mean
up(hh[dBm])	-65.29	-63.70	-64.47
down(hh[dBm])	-64.76	-63.35	-64.11
down-fore(hh[dBm])	-65.01	-63.53	-64.18



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

	Min	Max	Mean
up/down (dB)	-1.35	0.87	-0.36
down/down-fore (dB)	-1.09	1.29	0.01



WCR3 CPP Doppler Velocity Products at 105.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg0[m/s])	-15.78	15.79	0.18	6.92
b2, hhhh(rg0[m/s])	-15.76	15.79	0.12	8.21
b4, hhhh(rg0[m/s])	-15.76	15.79	-0.01	8.43