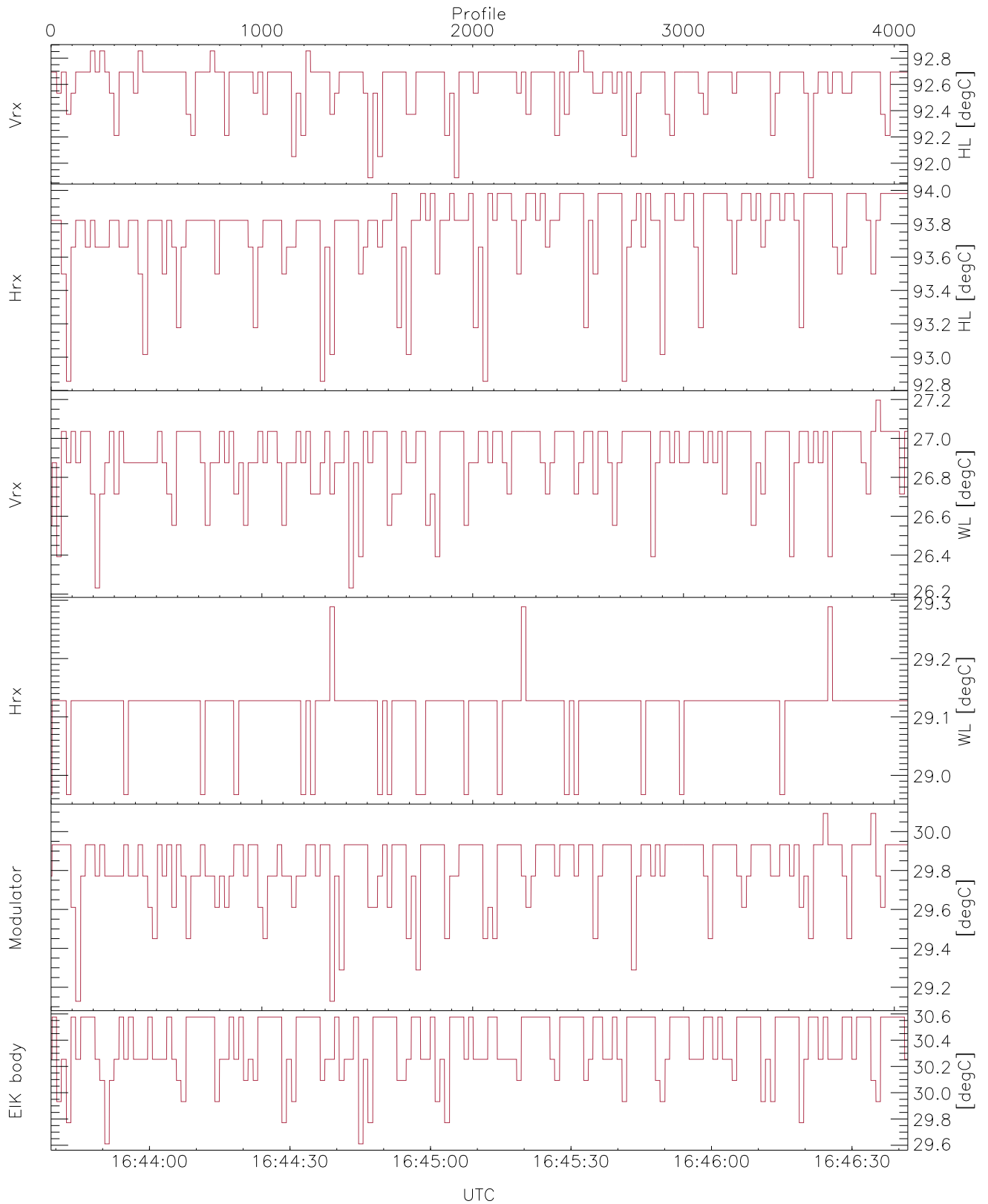


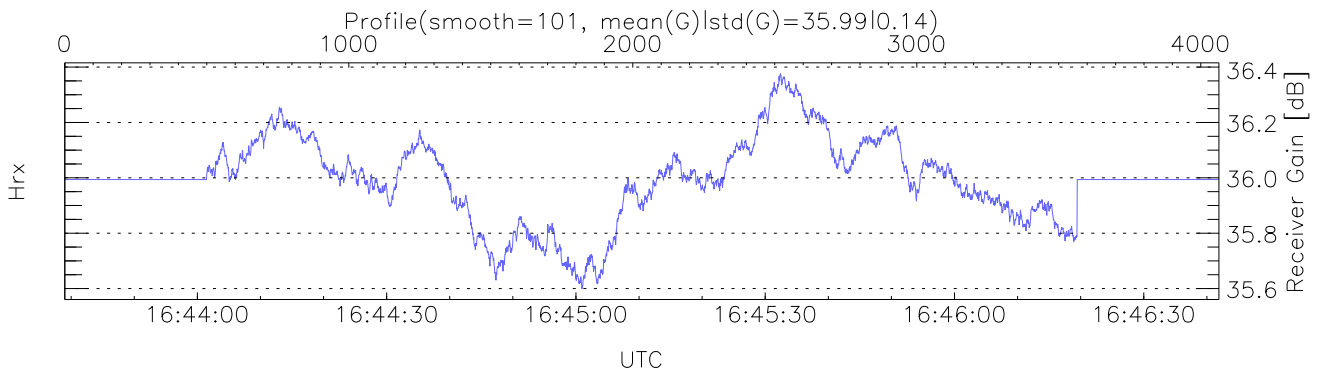
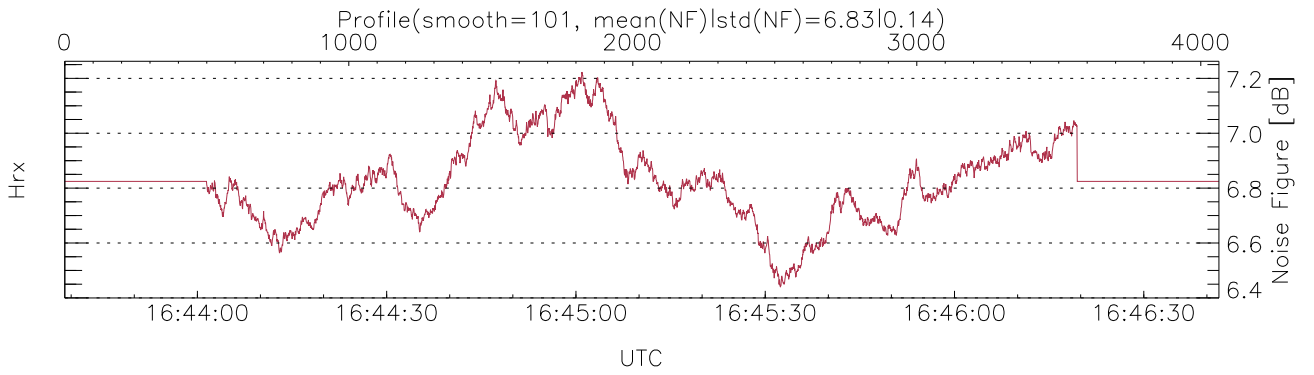
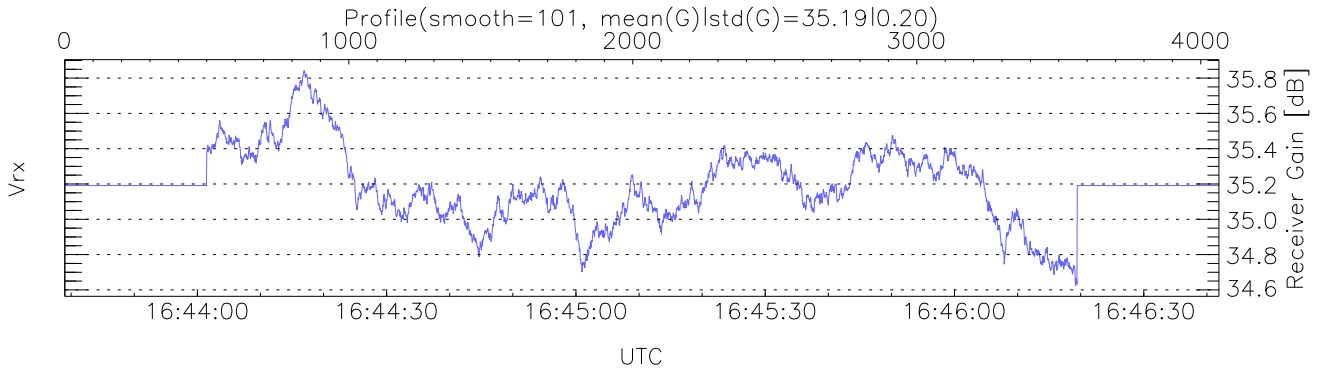
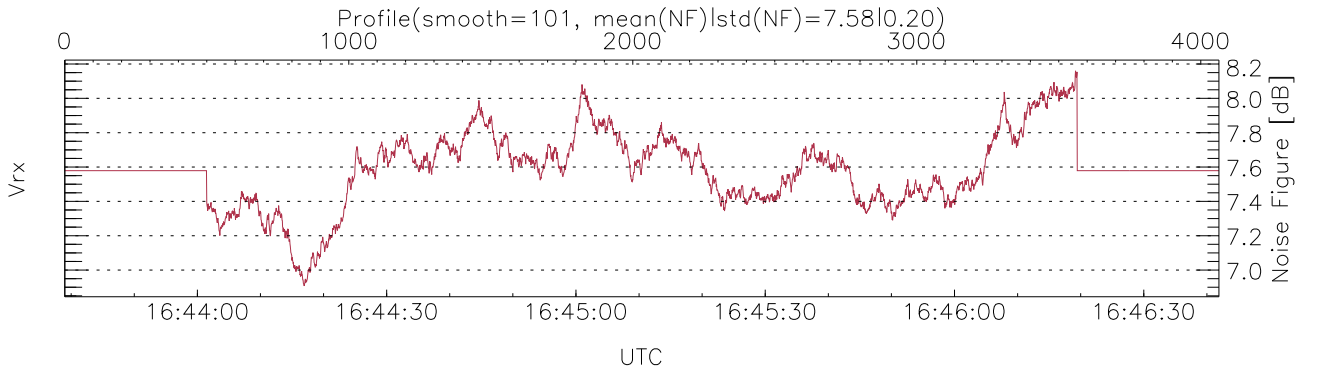
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 16:43:39-16:46:42, TimeCor: 0.00s, Dur: 182.93s
 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): 4065/4065, 0-4064/16:43:39-16:46:42
 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



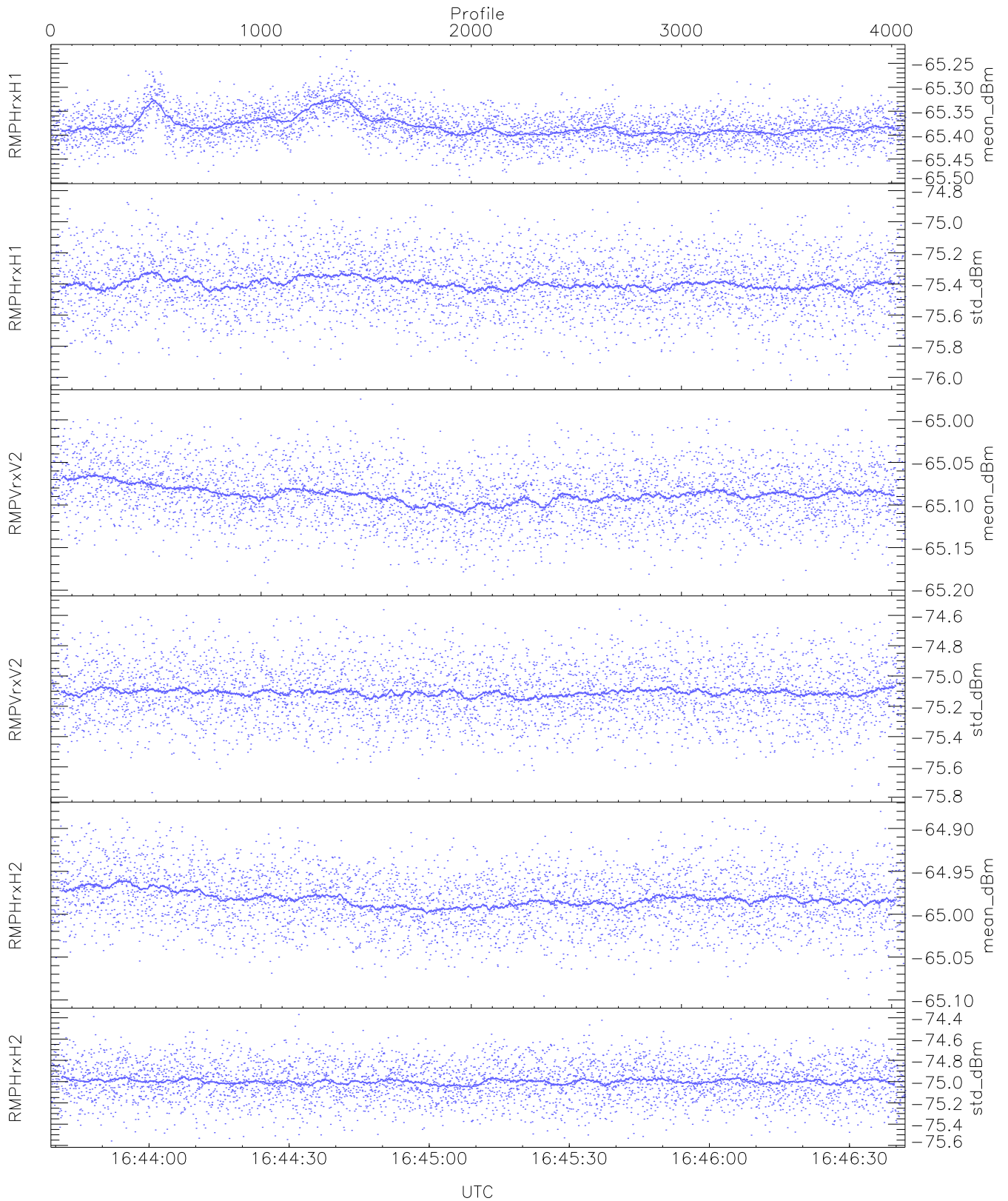
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,26,28,29,29
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,27,29,30,30
LOalarm(20,240,2817,14861 MHz): None
EIK/Modulator Faults: None



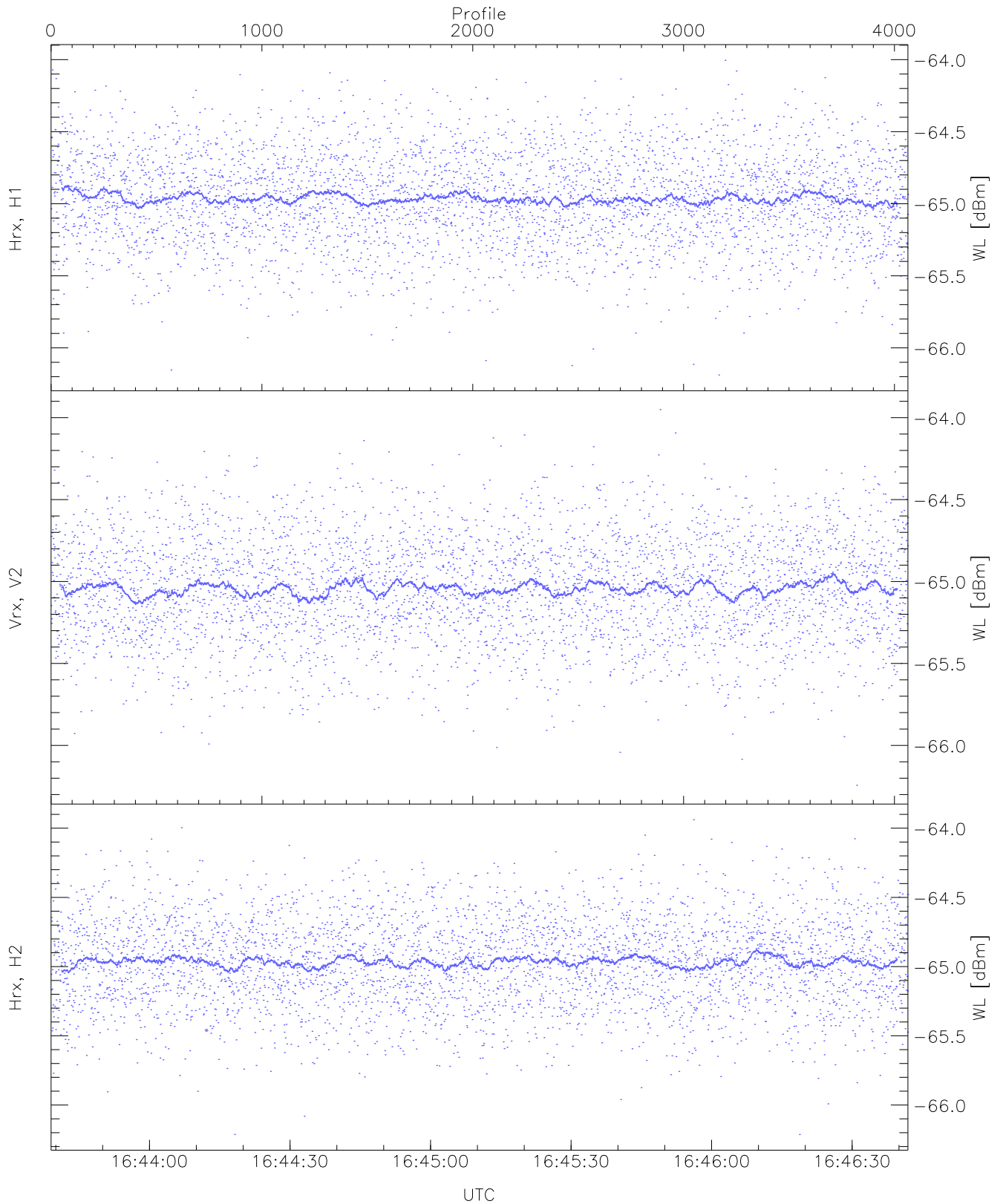
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 3 pixs, 1 gates, 3 profs, 1 prod(s)



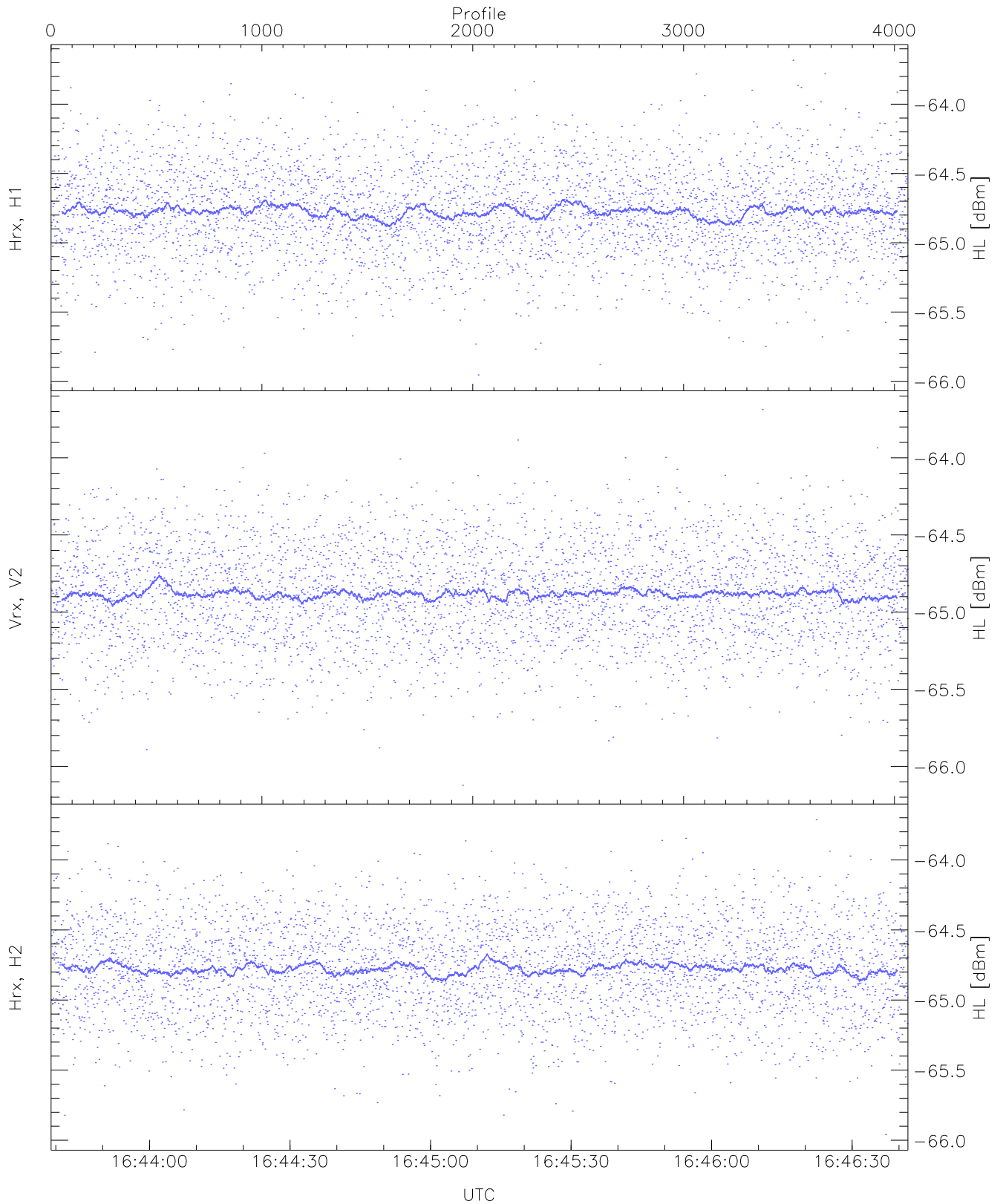
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.49	-65.22	-65.38	-65.38	-86.32
RMPHrxH1 (std_dBm)	-76.02	-74.82	-75.40	-75.40	-89.14
RMPVrxV2 (mean_dBm)	-65.20	-64.98	-65.09	-65.09	-86.41
RMPVrxV2 (std_dBm)	-75.77	-74.53	-75.11	-75.11	-88.93
RMPHrxH2 (mean_dBm)	-65.10	-64.88	-64.98	-64.98	-86.38
RMPHrxH2 (std_dBm)	-75.56	-74.37	-75.00	-75.00	-88.85



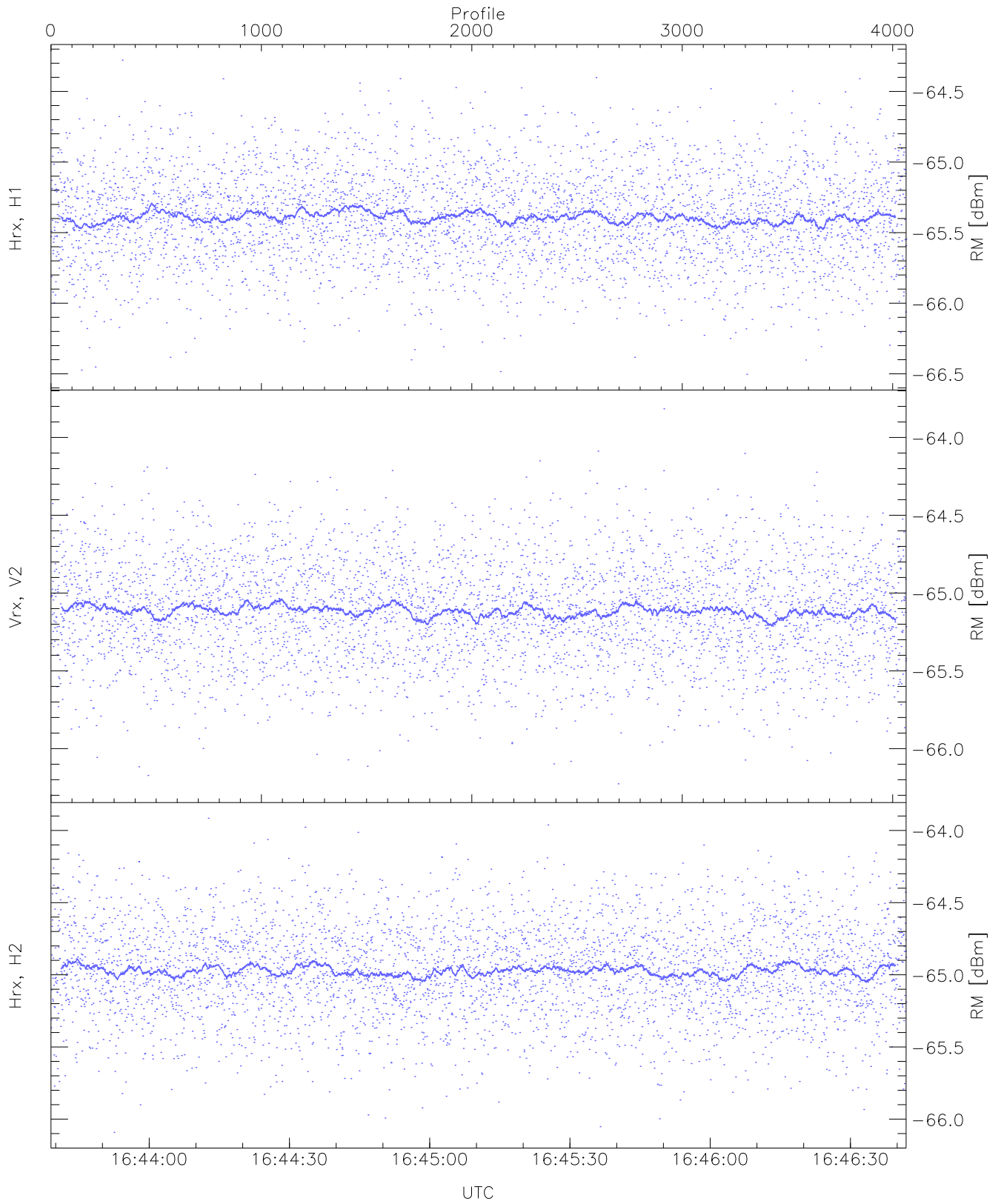
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.19	-64.00	-64.96	-64.96	-76.44
Vrx, V2 (WL [dBm])	-66.24	-63.95	-65.03	-65.04	-76.56
Hrx, H2 (WL [dBm])	-66.21	-63.94	-64.96	-64.96	-76.51



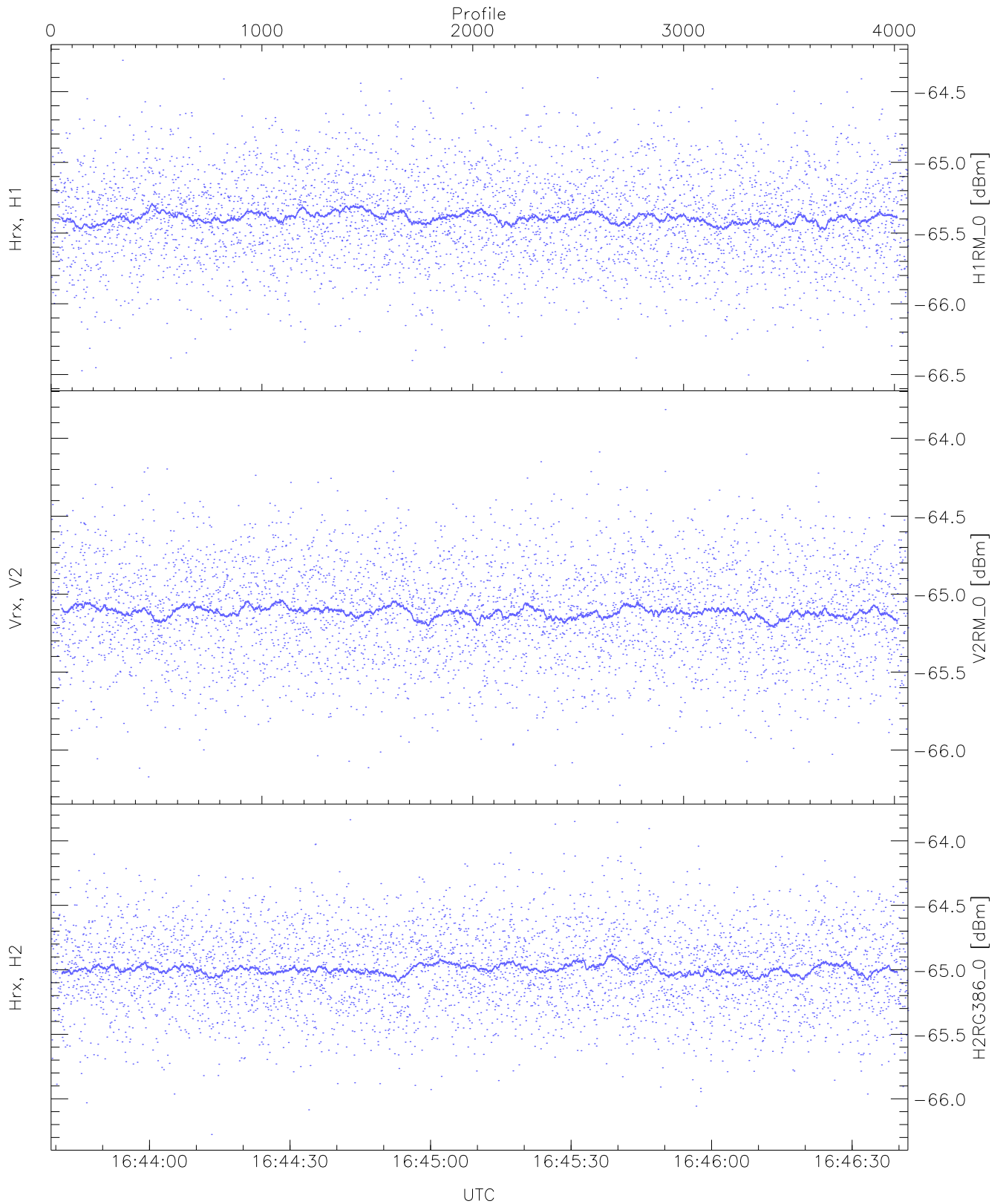
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.95	-63.68	-64.77	-64.78	-76.29
Vrx, V2 (HL [dBm])	-66.12	-63.69	-64.88	-64.88	-76.46
Hrx, H2 (HL [dBm])	-65.96	-63.71	-64.77	-64.78	-76.33



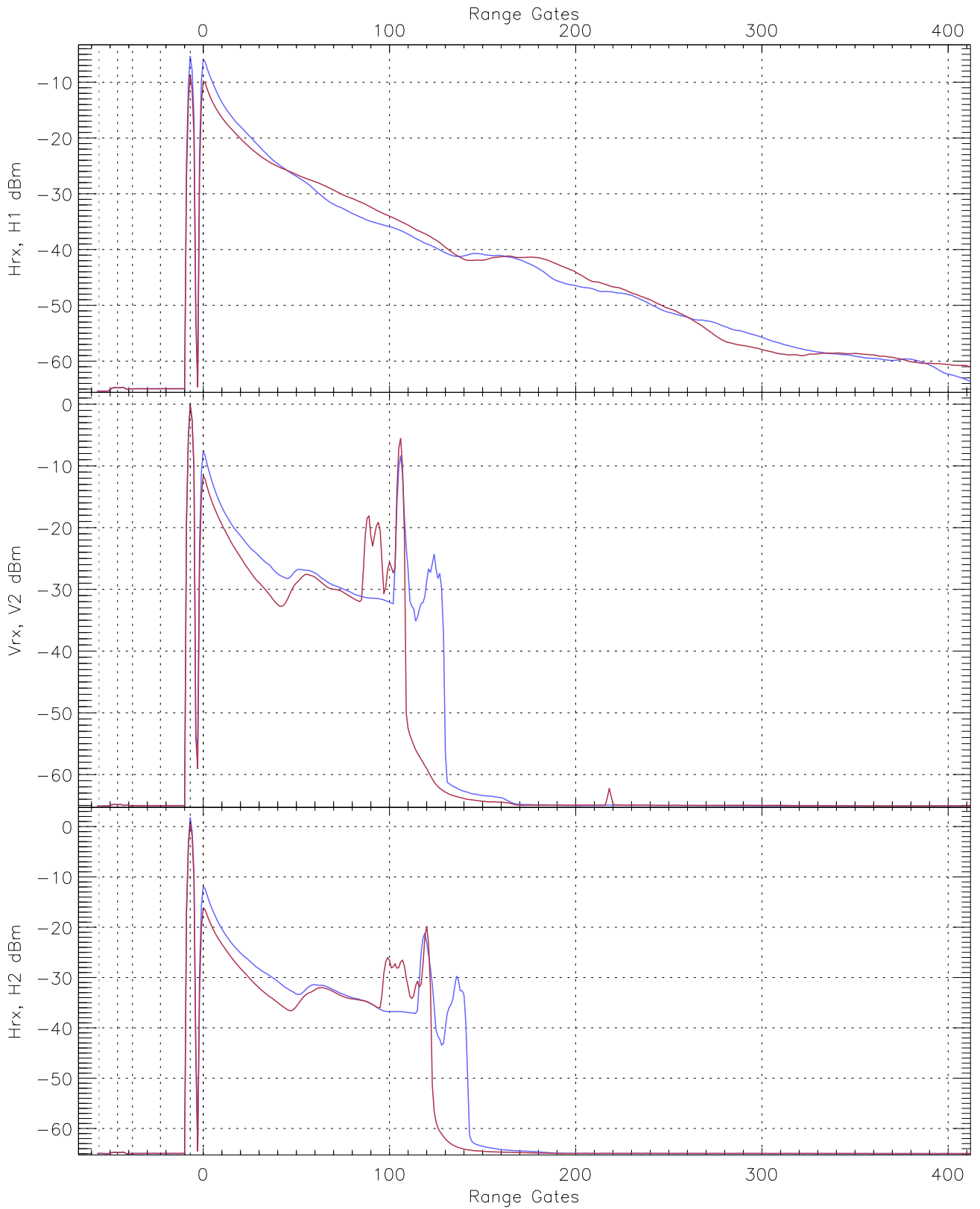
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.50	-64.28	-65.38	-65.40	-76.80
Vrx, V2 (RM [dBm])	-66.23	-63.82	-65.11	-65.11	-76.57
Hrx, H2 (RM [dBm])	-66.09	-63.92	-64.96	-64.97	-76.44

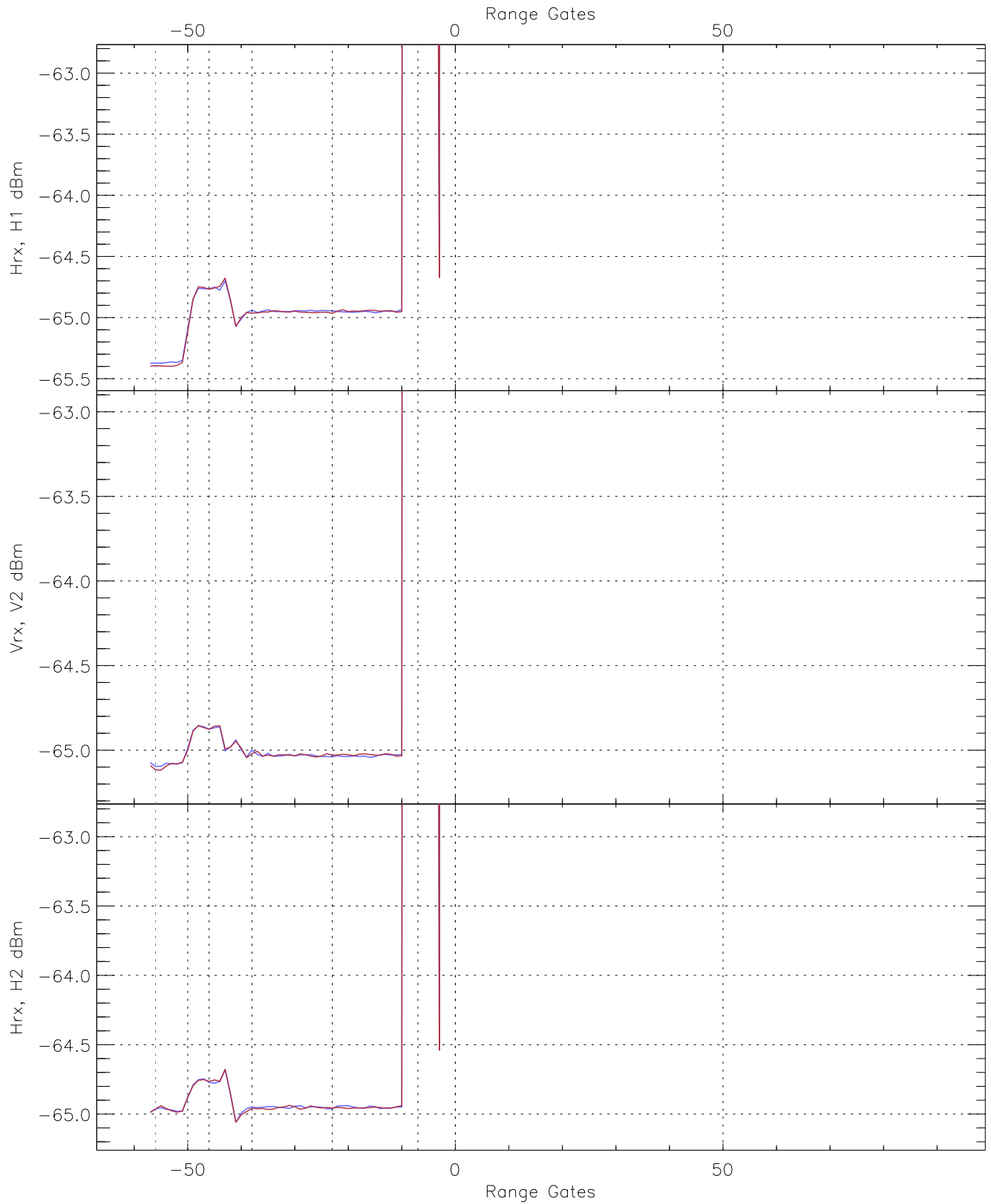


WCR3 CPP "Best" estimate Receivers Noise Power

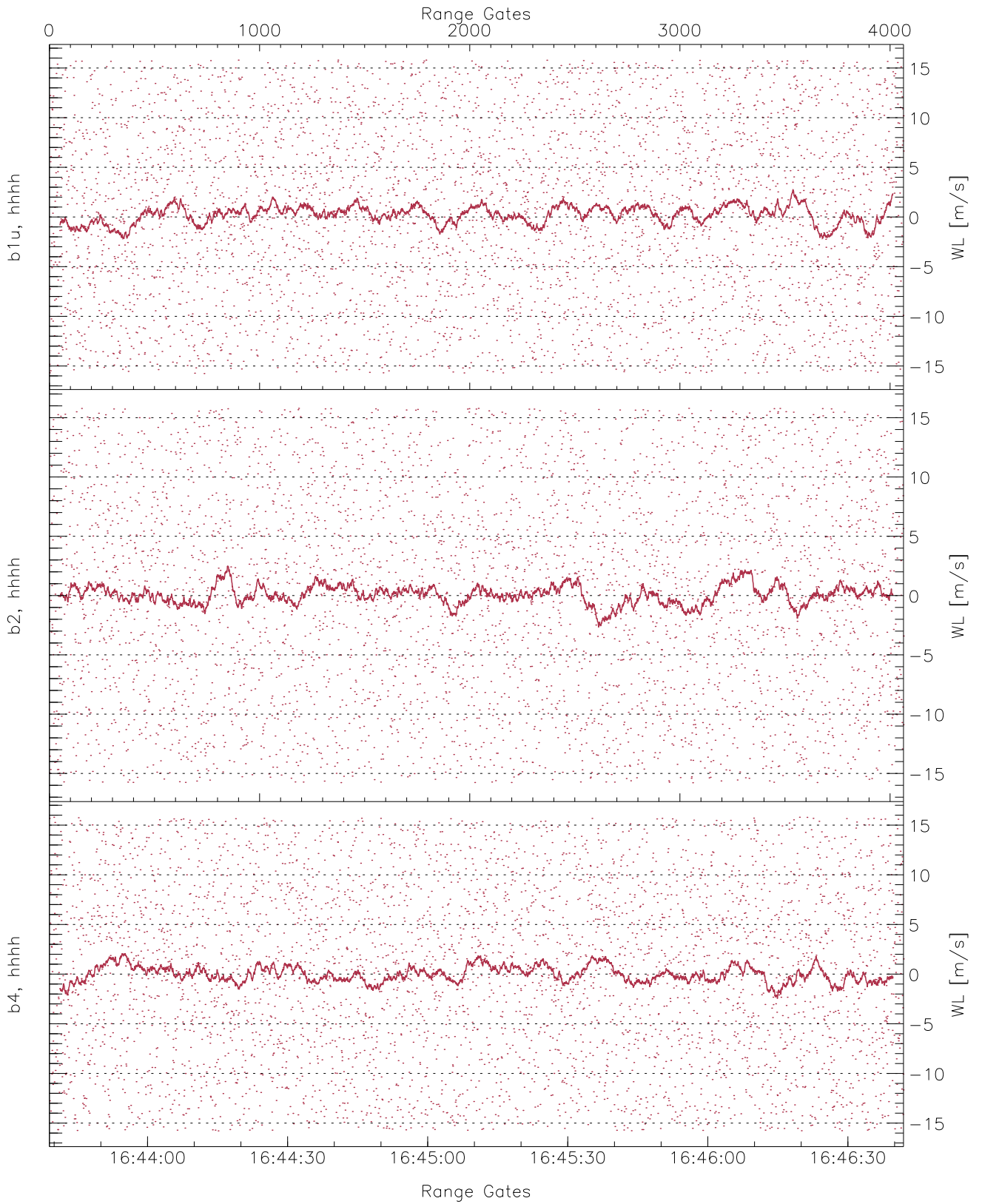
	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-66.50	-64.28	-65.38	-65.40	-76.80
V2RM_0 [dBm]	-66.23	-63.82	-65.11	-65.11	-76.57
H2RG386_0 [dBm]	-66.28	-63.84	-64.99	-65.00	-76.39



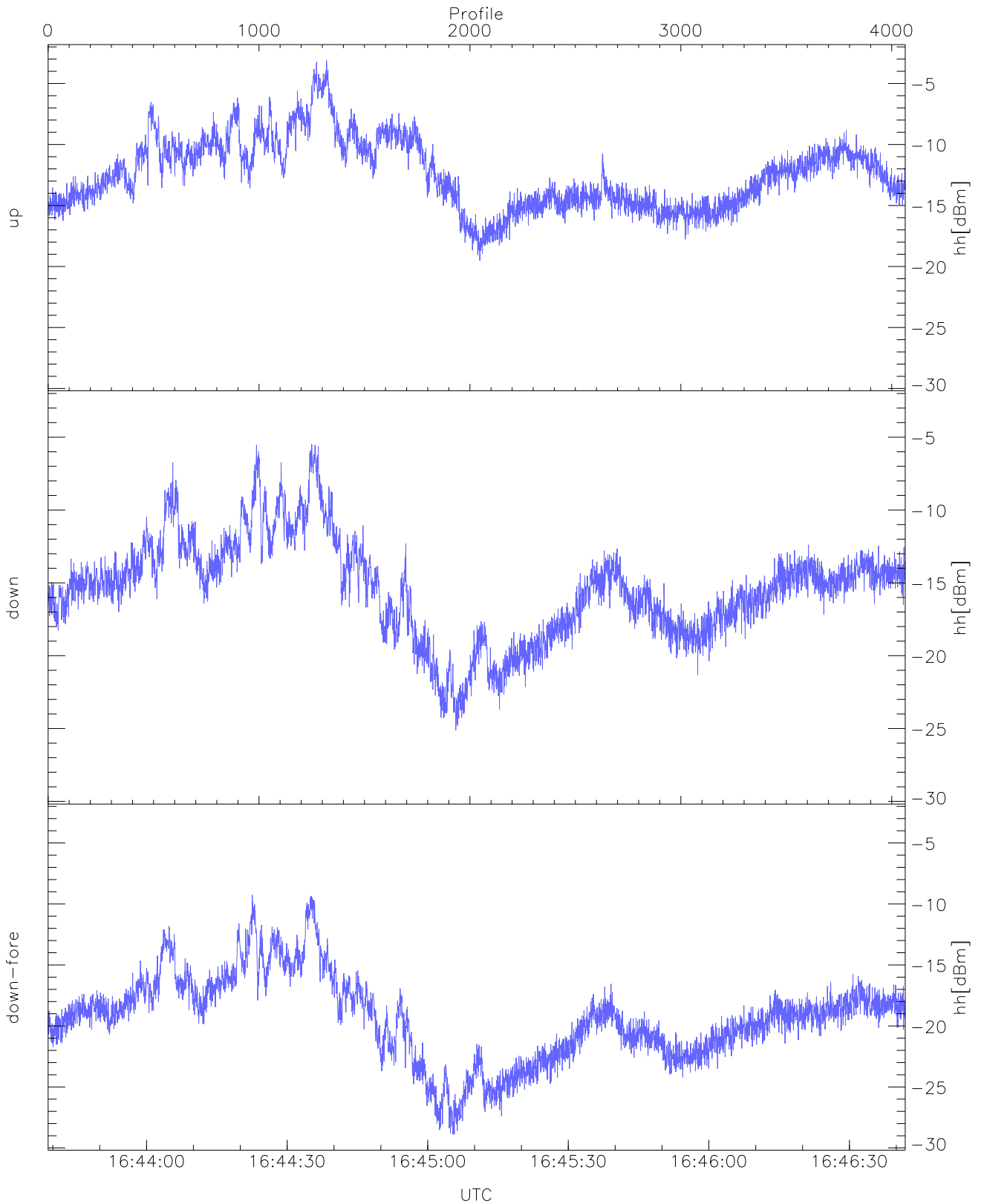
WCR3 CPP Averaged Received power for all recorded gates
blue: 164339-164510, 2033 profiles averaged
red: 164510-164642, 2033 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 164339-164510, 2033 profiles averaged
red: 164510-164642, 2033 profiles averaged

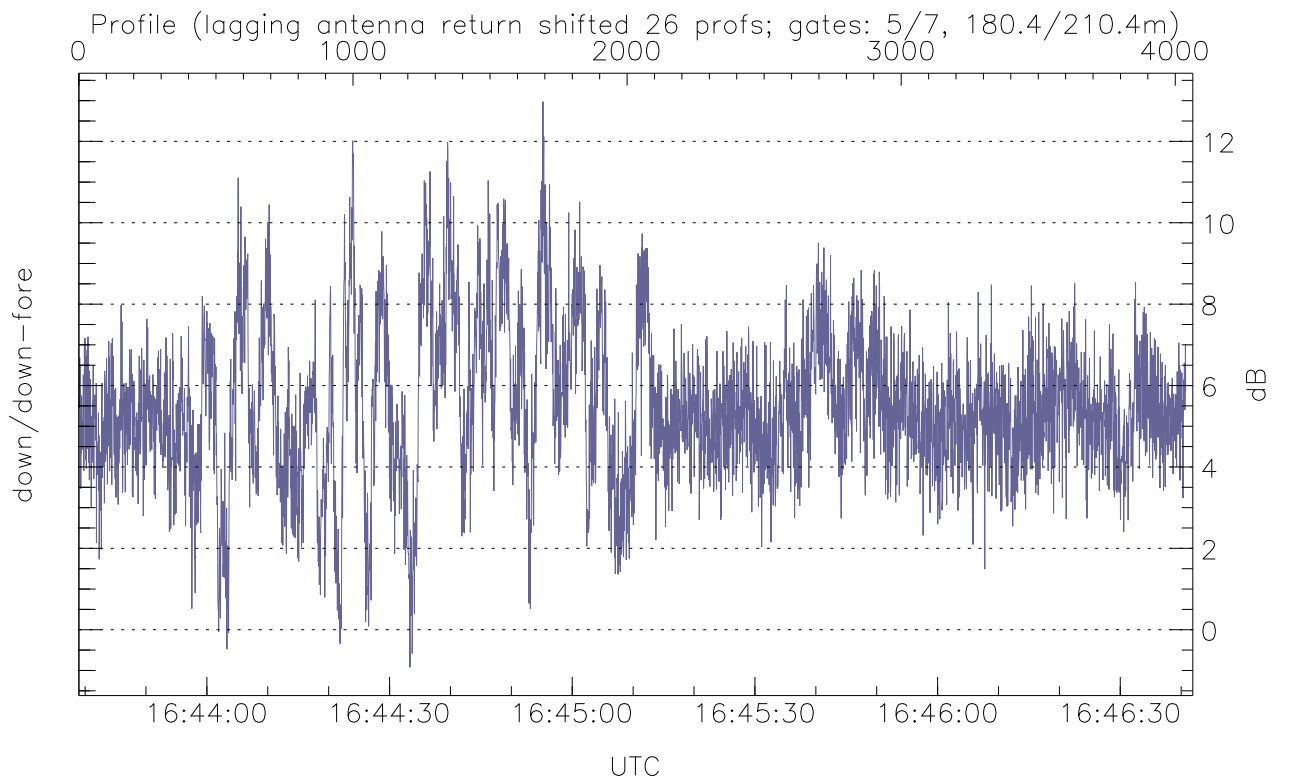
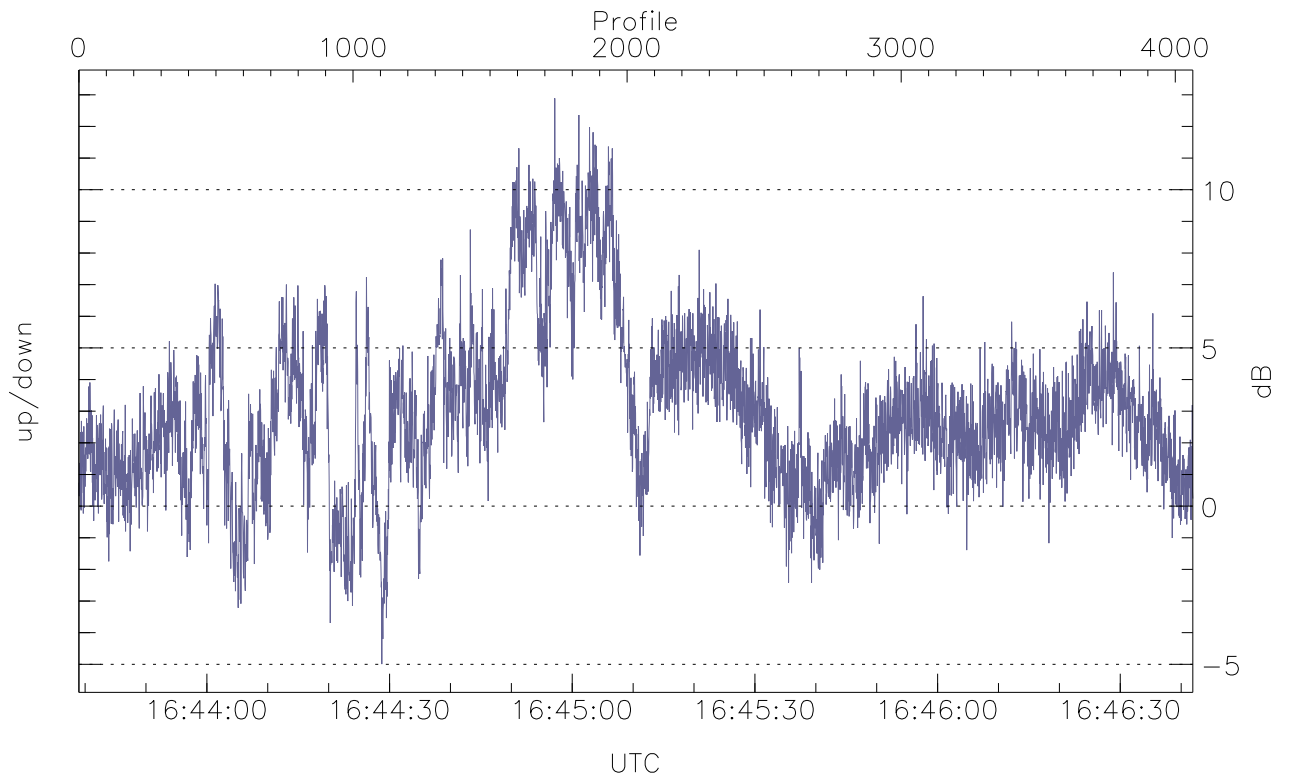


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



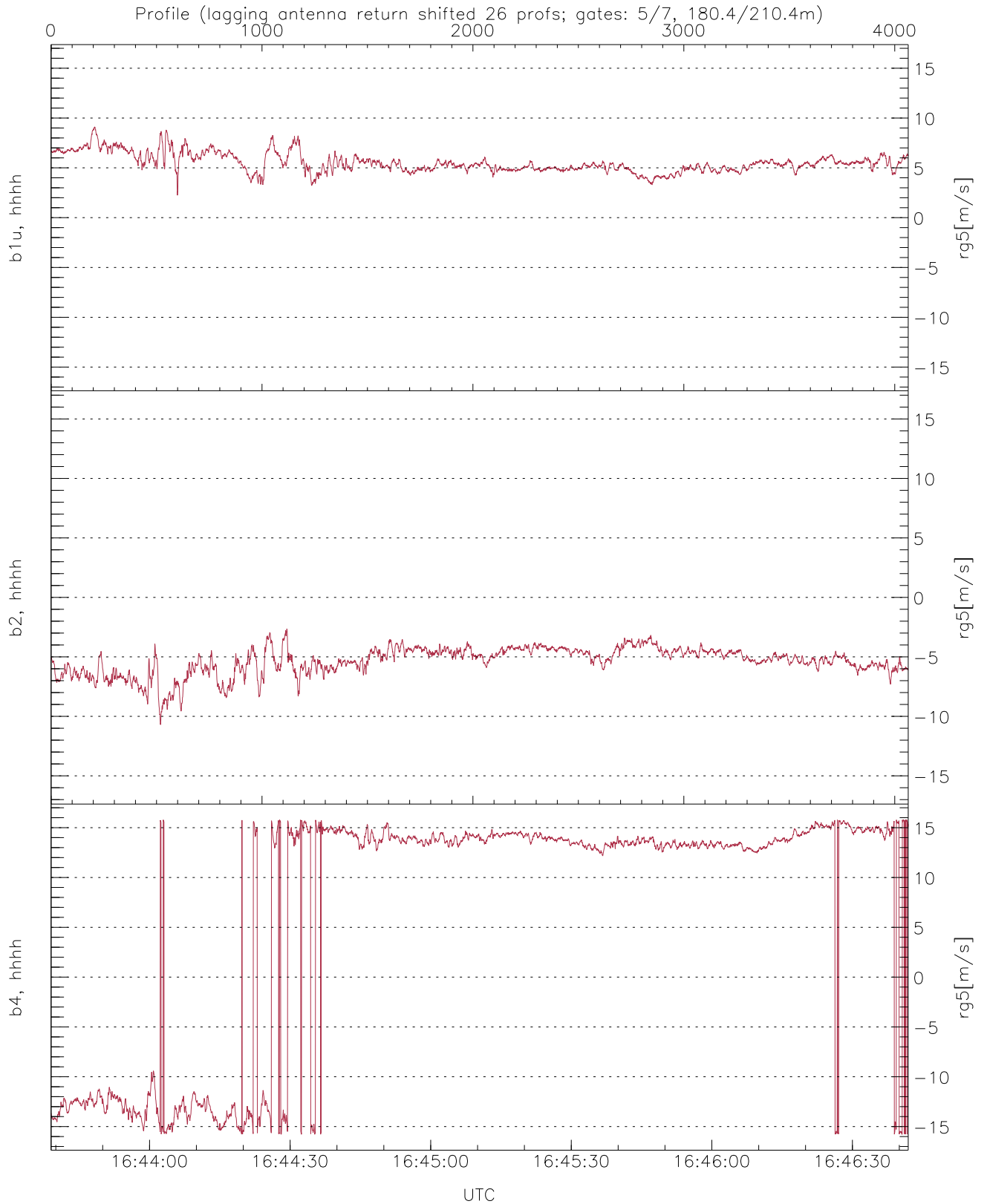
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-19.52	-3.10	-11.46
down(hh[dBm])	-25.11	-5.48	-14.13
down-fore(hh[dBm])	-28.89	-9.26	-18.01



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

	Min	Max	Mean
up/down (dB)	-4.99	12.89	3.03
down/down-fore (dB)	-0.92	12.98	5.49



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	2.24	9.09	5.50	0.96
b2, hhhh(rg5[m/s])	-10.68	-2.63	-5.36	1.15
b4, hhhh(rg5[m/s])	-15.78	15.79	6.33	12.36