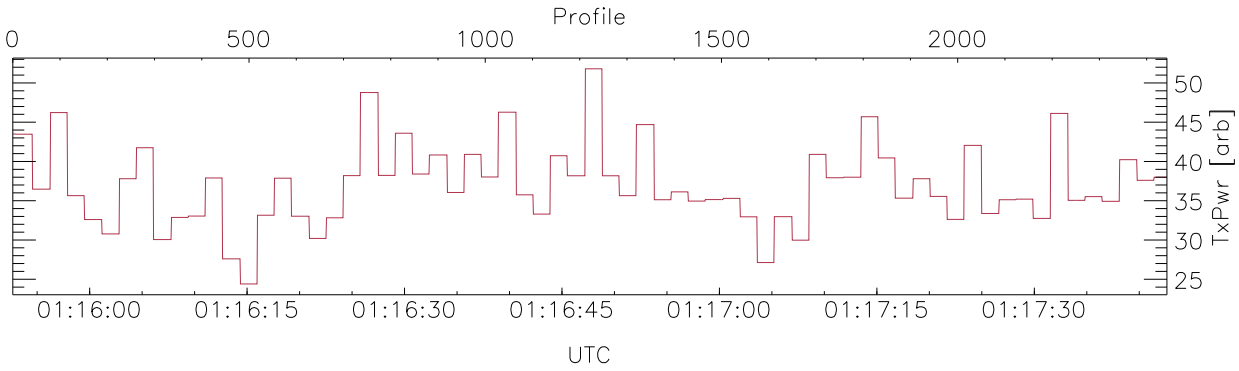
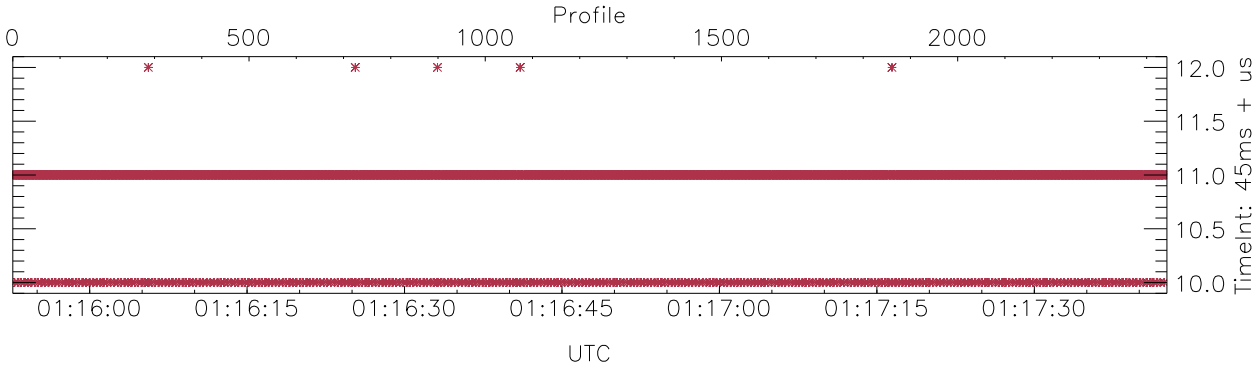
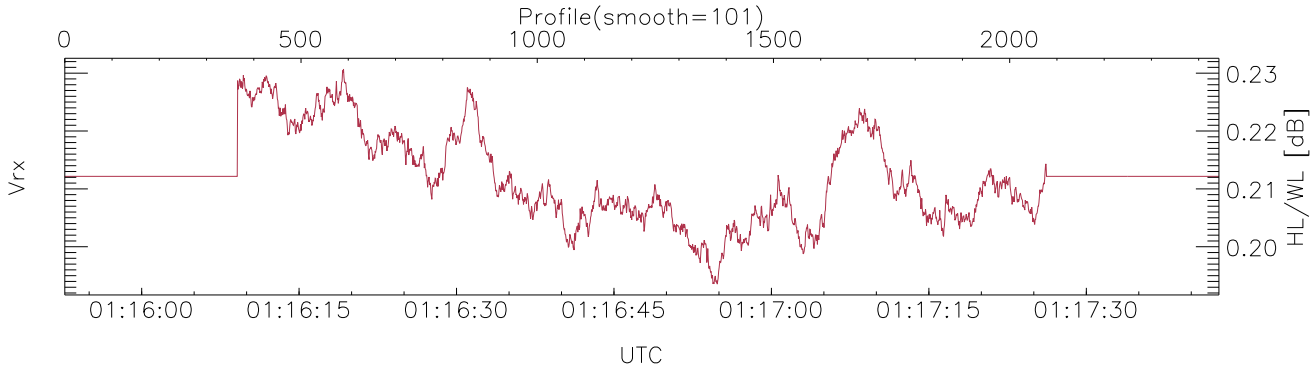
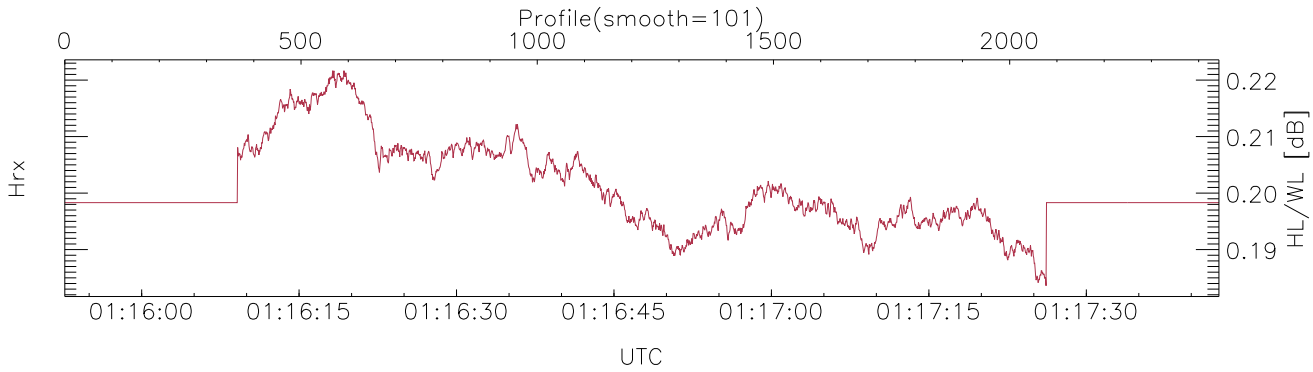


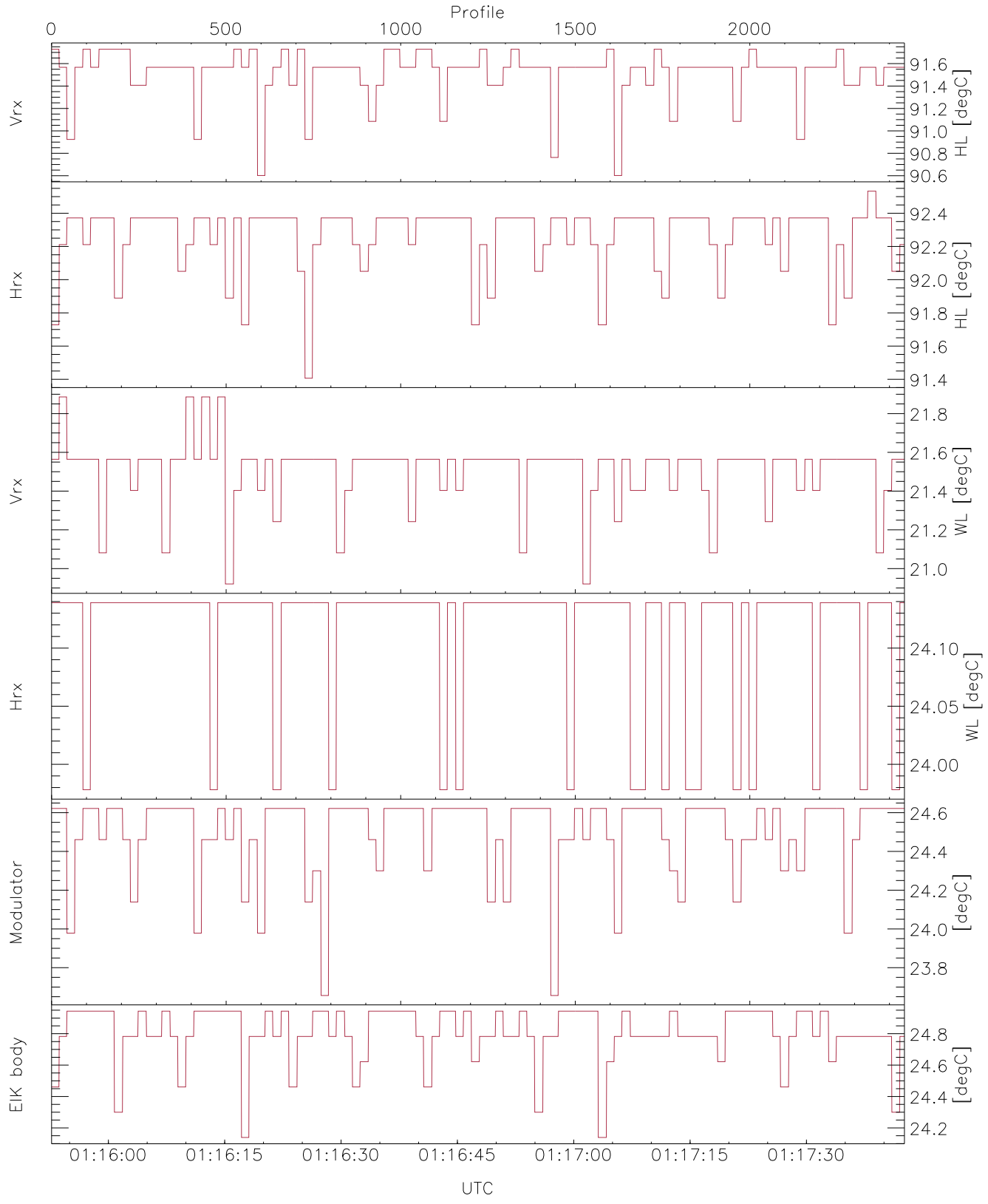






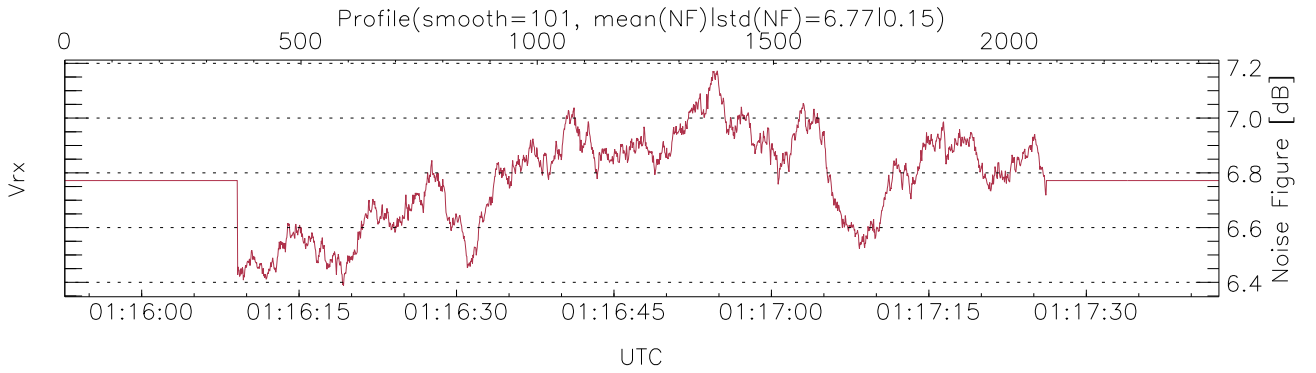
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

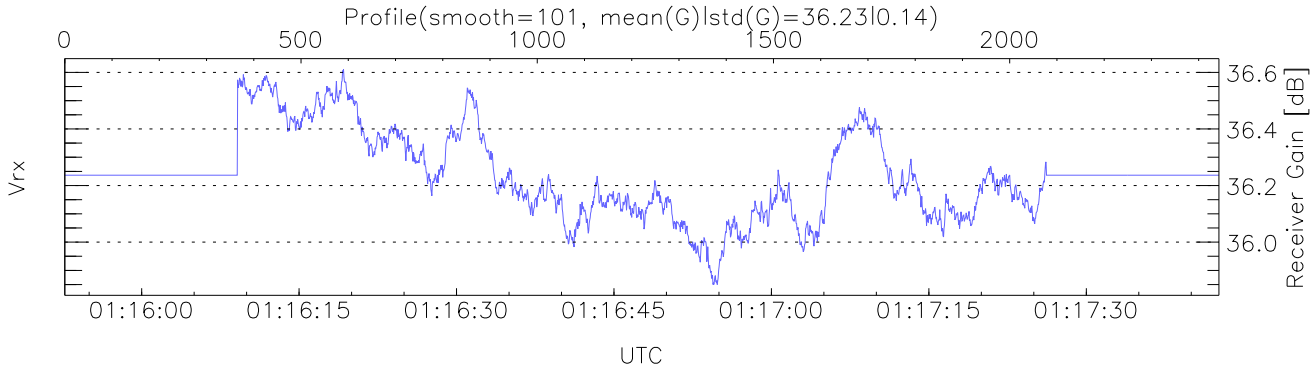
UTC: 01:15:53-01:17:43, TimeCor: 0.00s, Dur: 109.96s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
NumRec(r/t): 2444/2444, 0-2443/01:15:53-01:17:43
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: H1 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,rgs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7
Mirror(-9|0|1|2,3,9x = no mirror|sideluplerror): 1

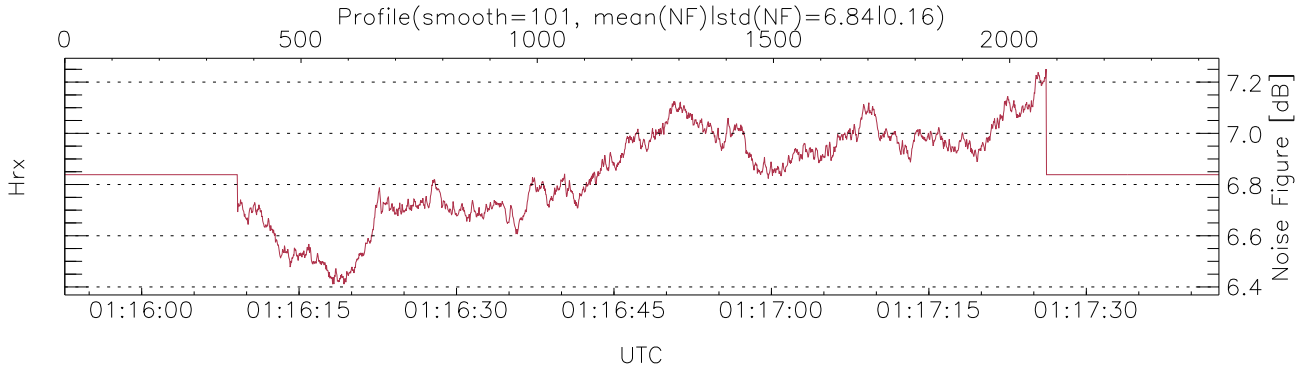


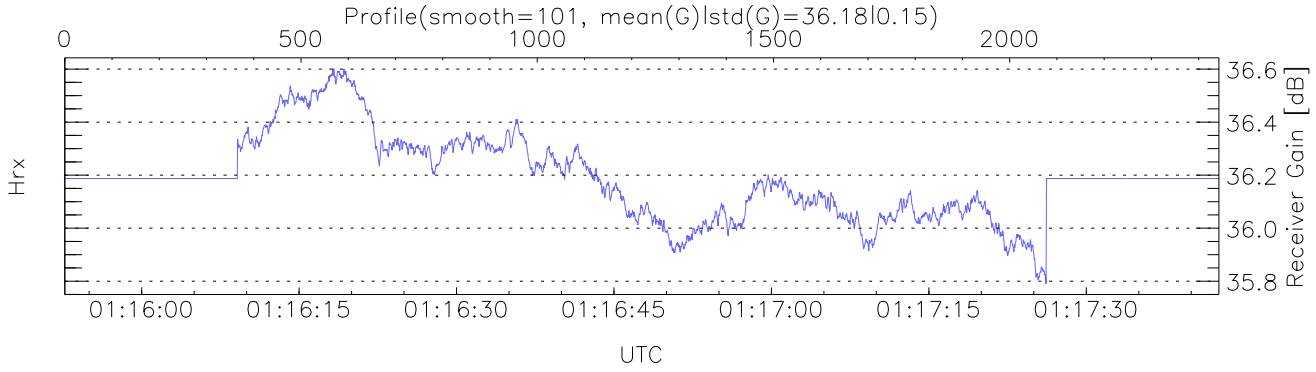
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,20,23,23,24
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,21,24,24,24
LOalarm(20,240,2817,14861 MHz): None
EIK/Modulator Faults: None



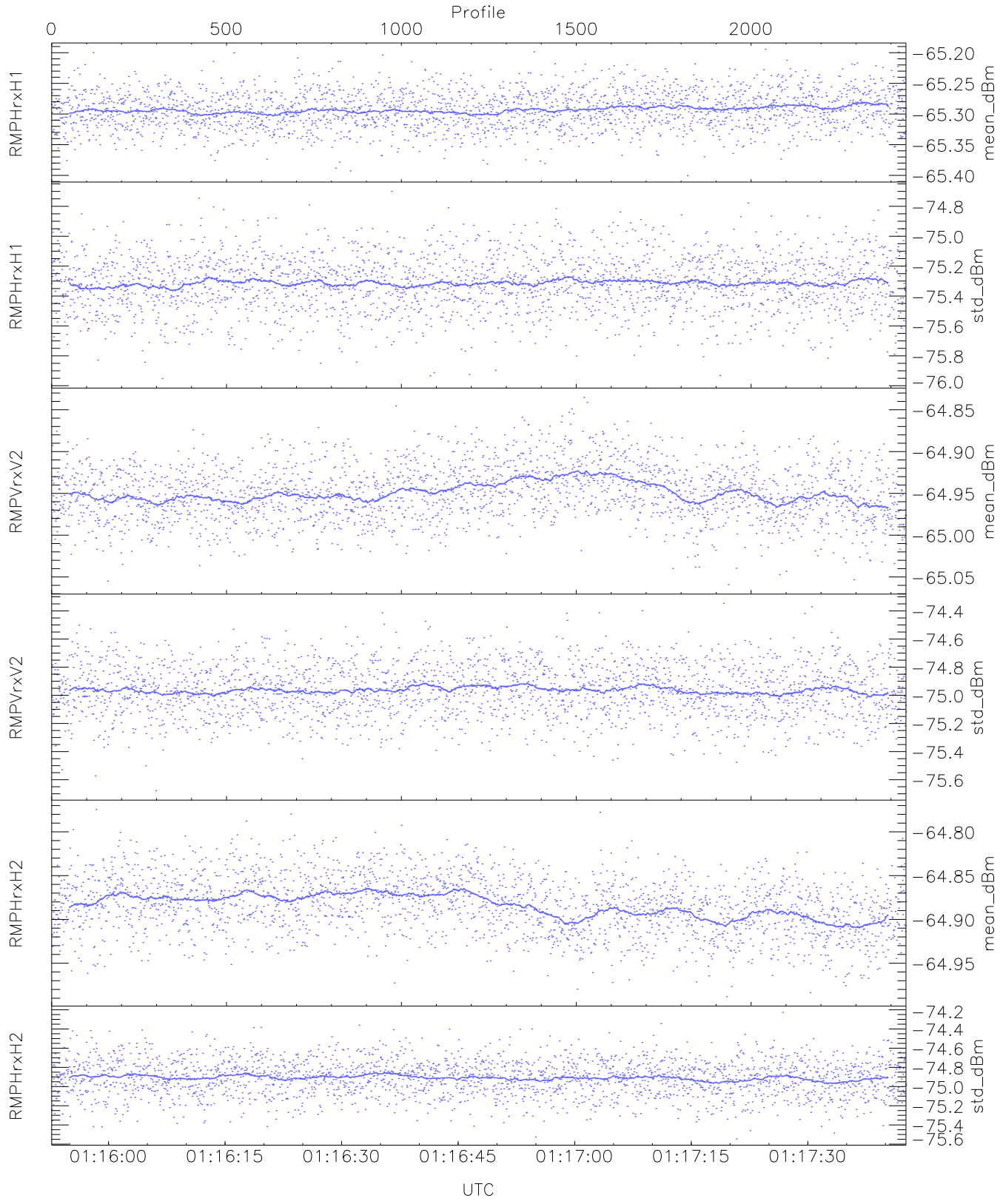






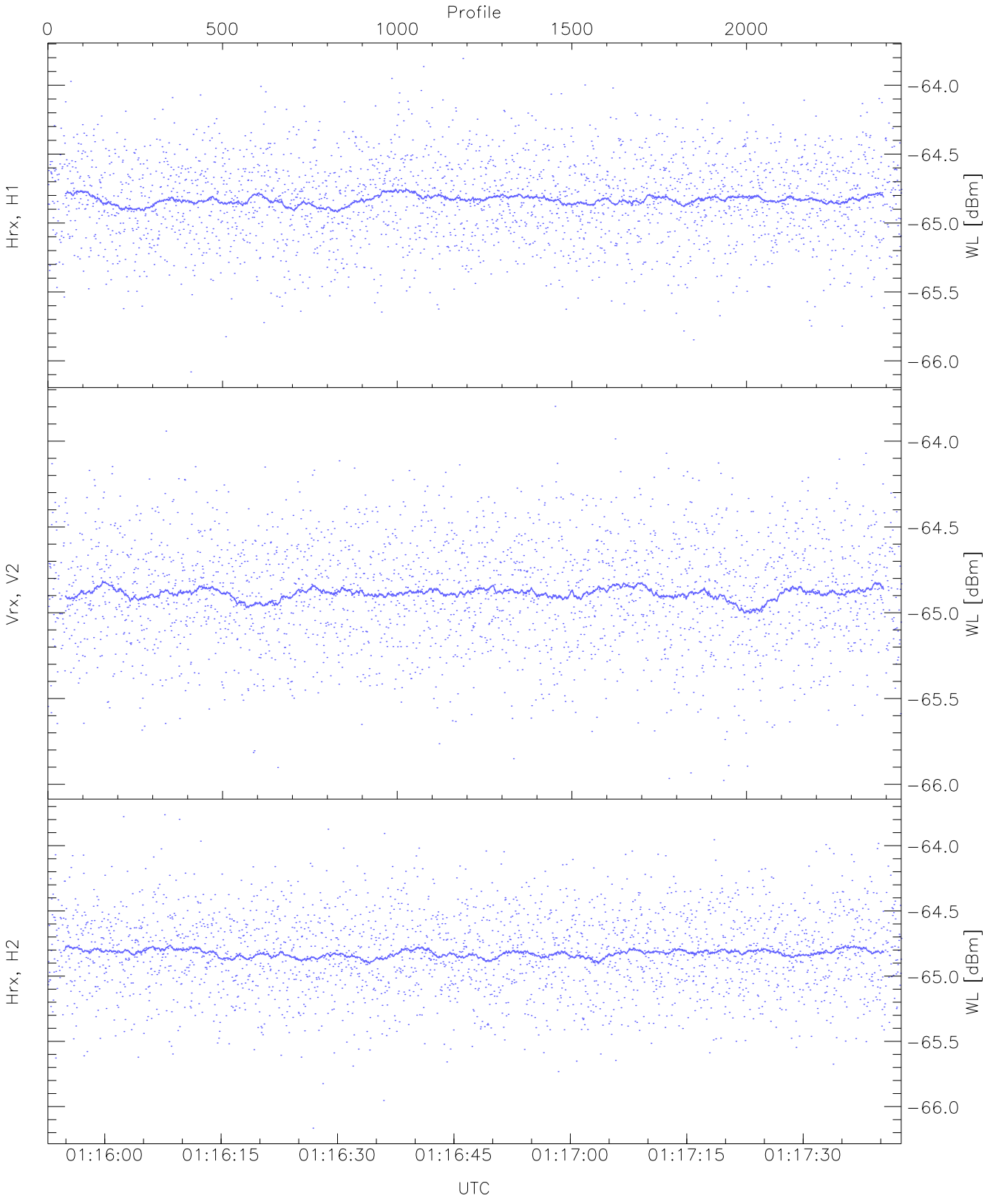
WCR3 CPP Receivers Gain and Noise Figure

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



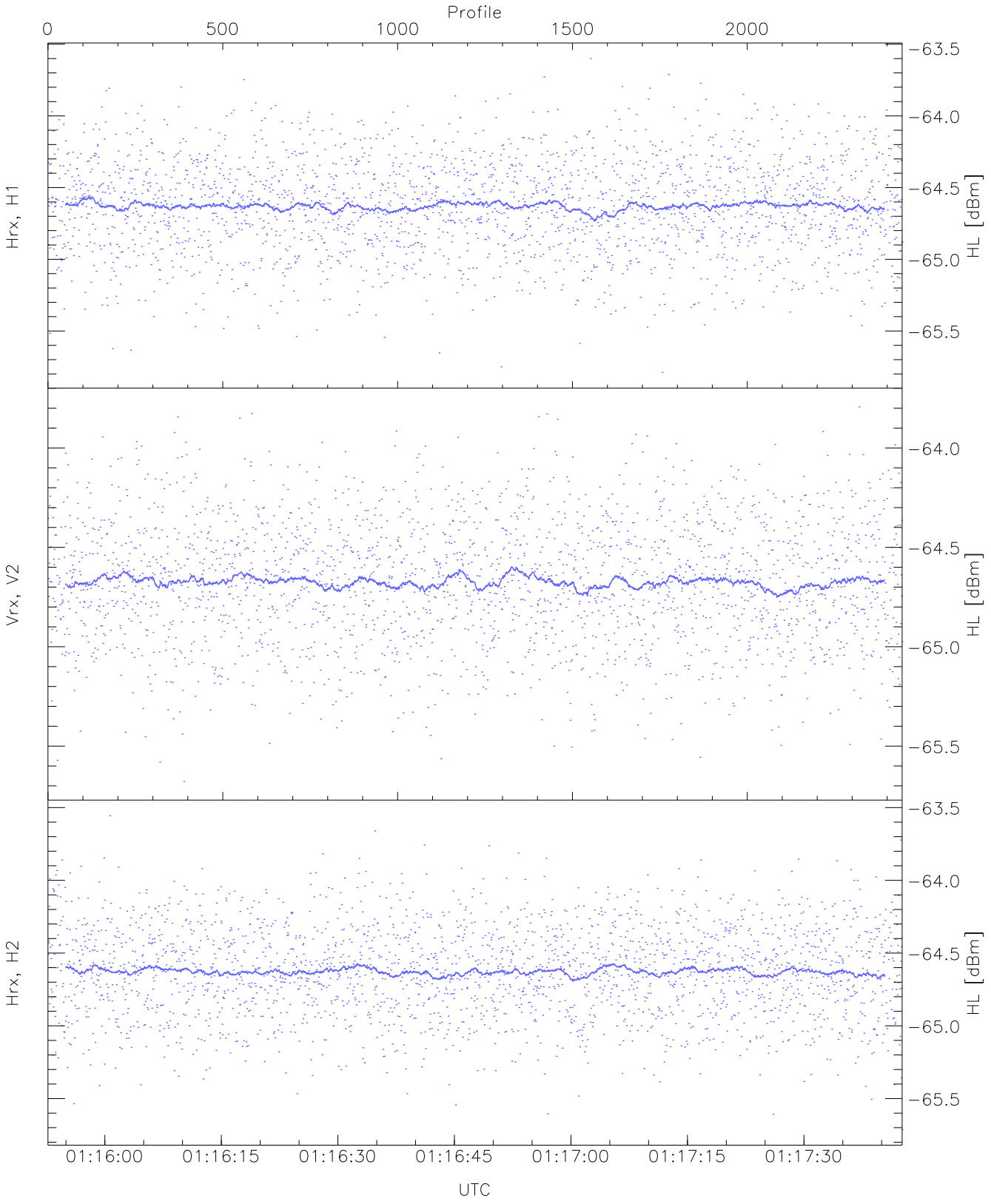
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.40	-65.19	-65.29	-65.29	-86.92
RMPHrxH1(std_dBm)	-75.95	-74.70	-75.31	-75.31	-89.11
RMPVrxV2(mean_dBm)	-65.06	-64.84	-64.95	-64.95	-86.24
RMPVrxV2(std_dBm)	-75.68	-74.35	-74.96	-74.96	-88.83
RMPHrxH2(mean_dBm)	-64.99	-64.77	-64.88	-64.88	-86.23
RMPHrxH2(std_dBm)	-75.55	-74.23	-74.91	-74.90	-88.69



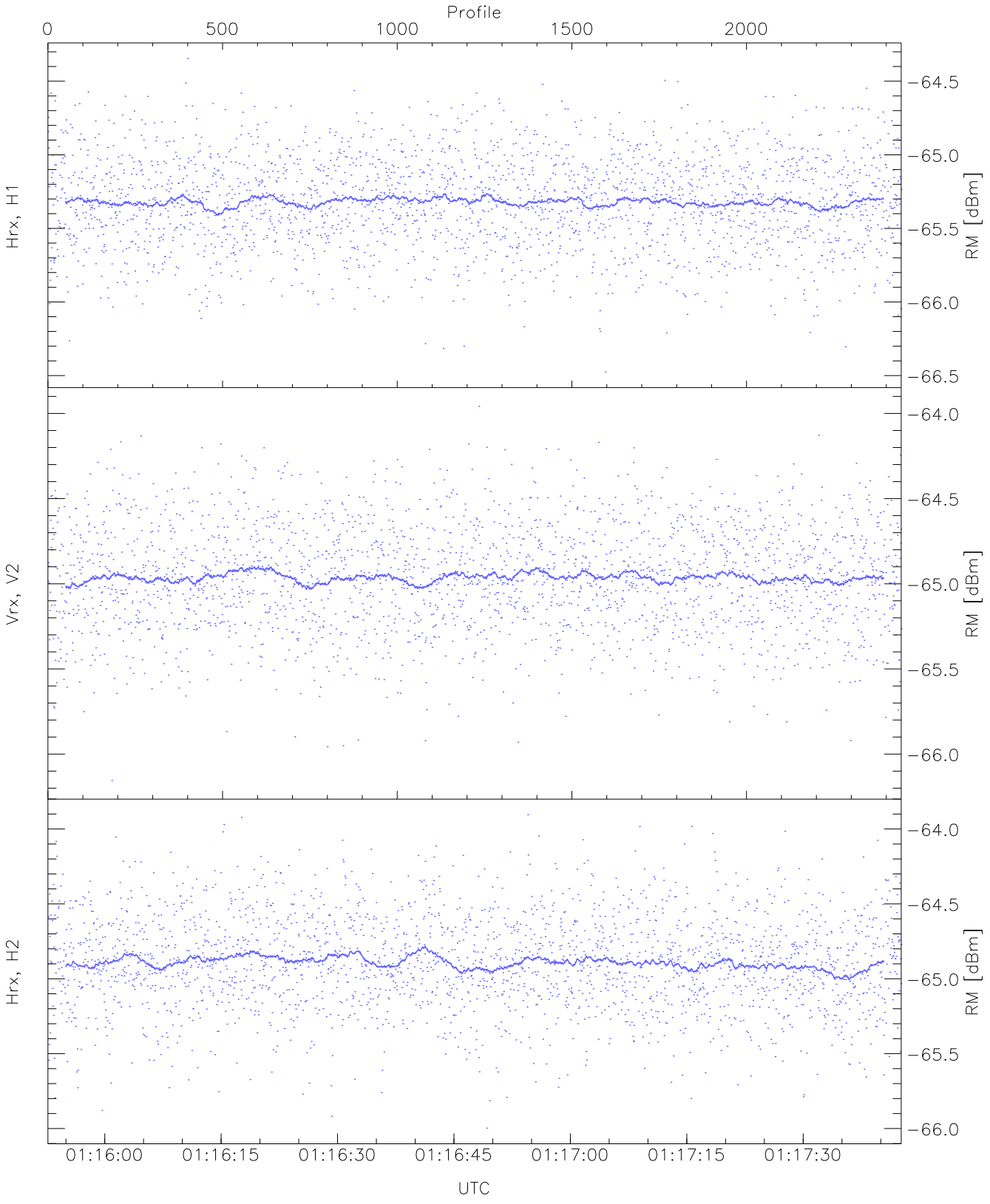
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.08	-63.81	-64.82	-64.82	-76.38
Vrx, V2(WL [dBm])	-65.98	-63.80	-64.88	-64.89	-76.33
Hrx, H2(WL [dBm])	-66.17	-63.76	-64.81	-64.82	-76.27



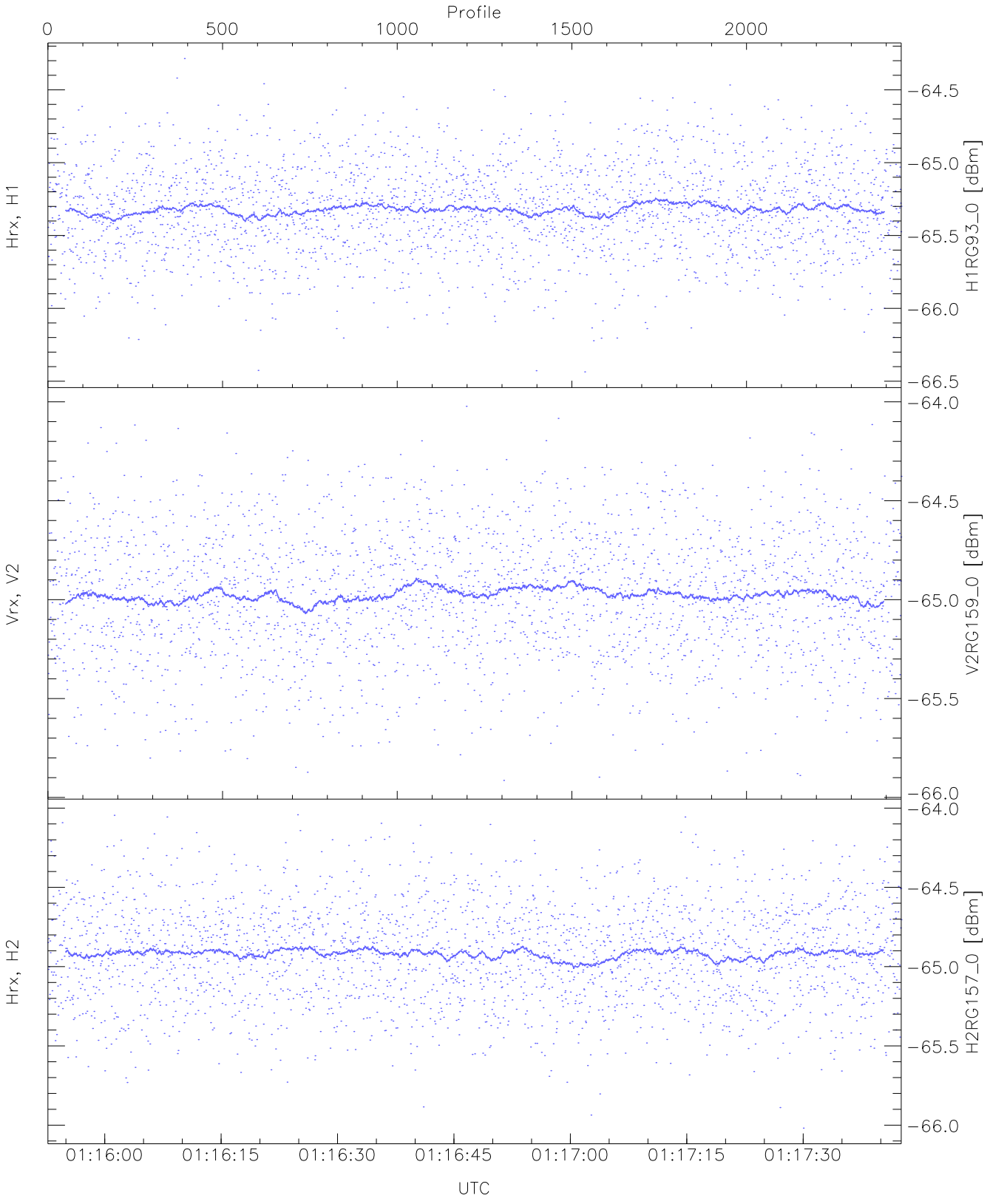
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.79	-63.60	-64.62	-64.62	-75.99
Vrx, V2(HL [dBm])	-65.68	-63.79	-64.67	-64.67	-76.26
Hrx, H2(HL [dBm])	-65.71	-63.56	-64.62	-64.62	-76.17



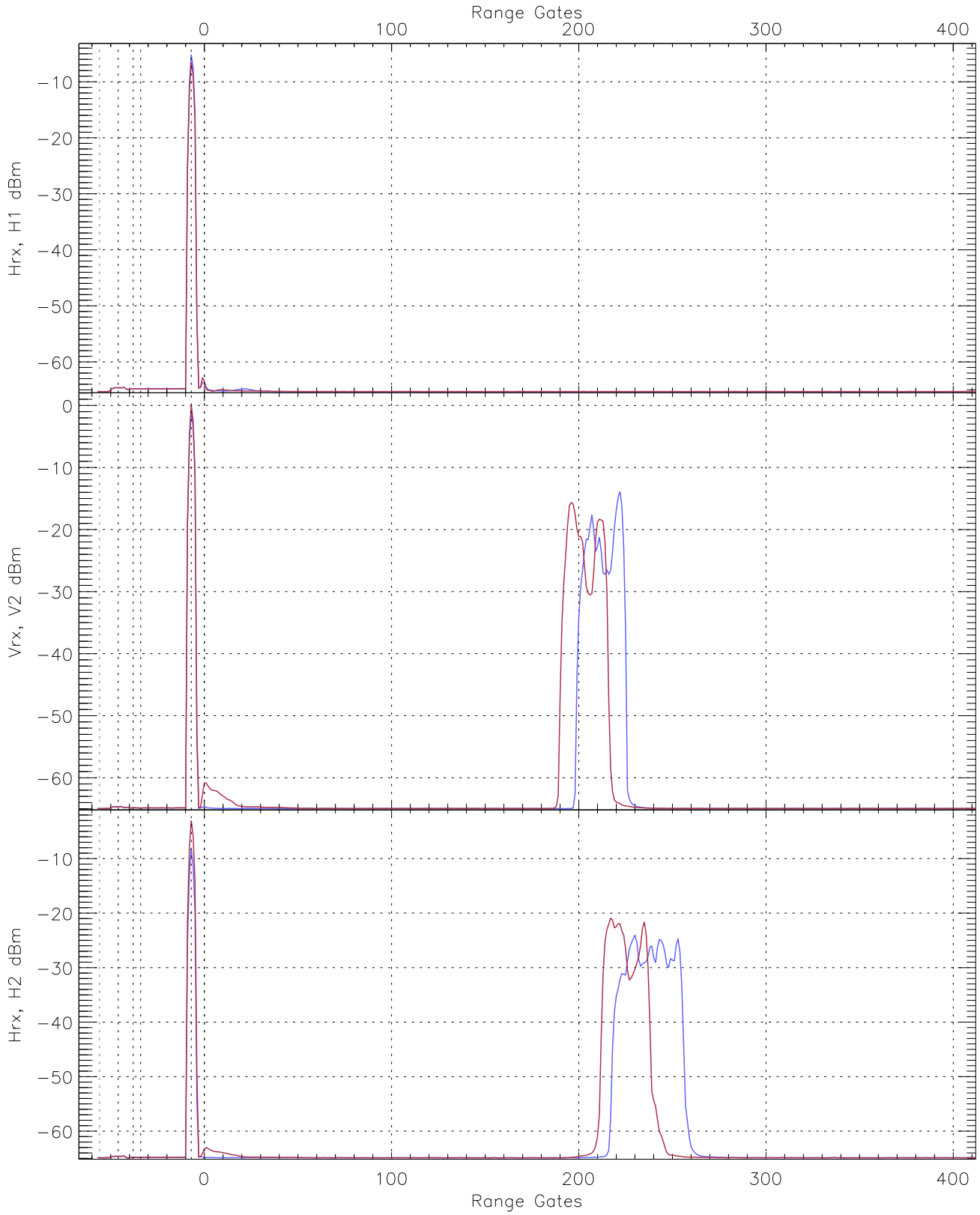
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.48	-64.35	-65.31	-65.31	-76.88
Vrx, V2(RM [dBm])	-66.15	-63.96	-64.96	-64.97	-76.54
Hrx, H2(RM [dBm])	-66.00	-63.90	-64.88	-64.90	-76.37

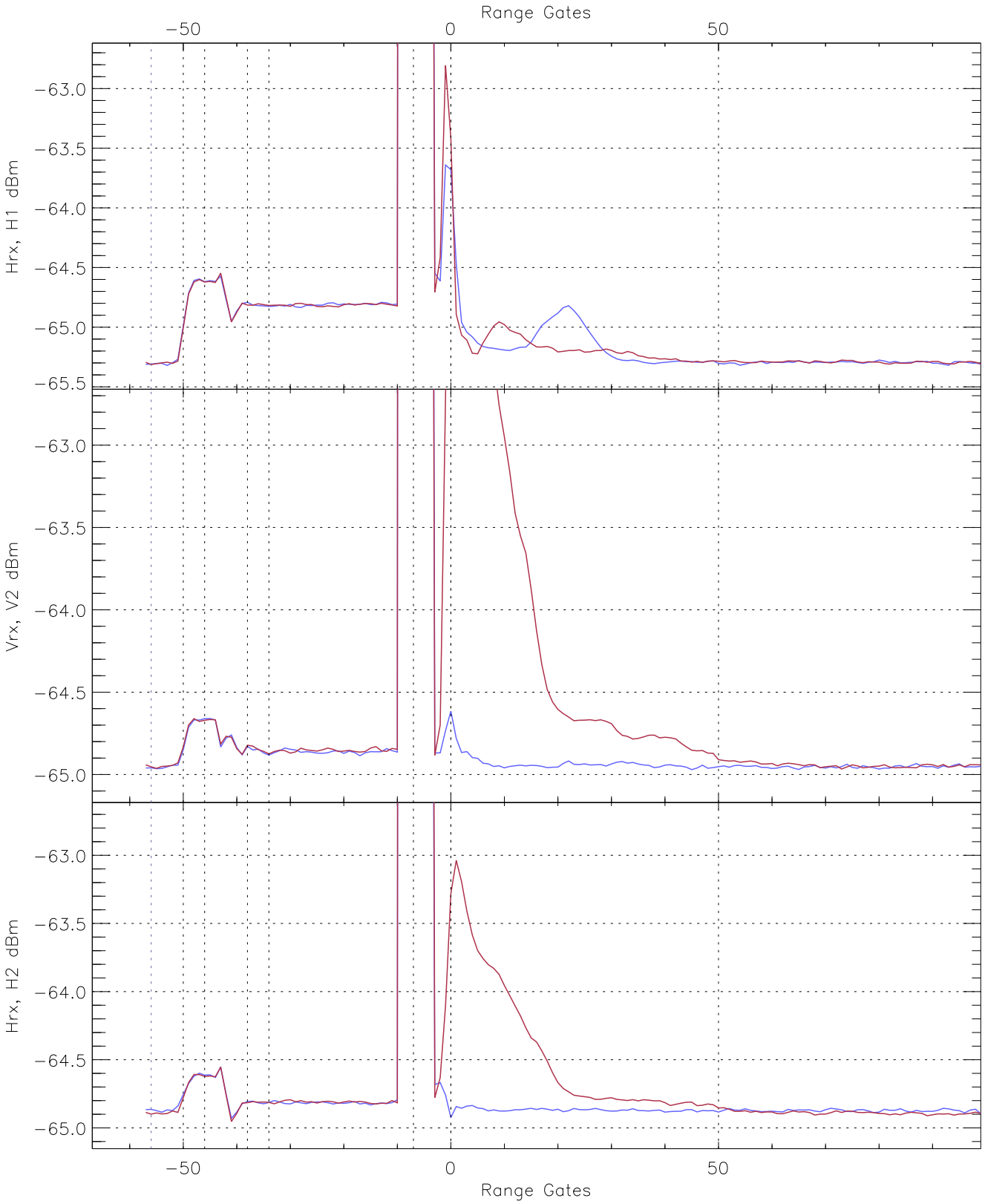


WCR3 CPP "Best" estimate Receivers Noise Power

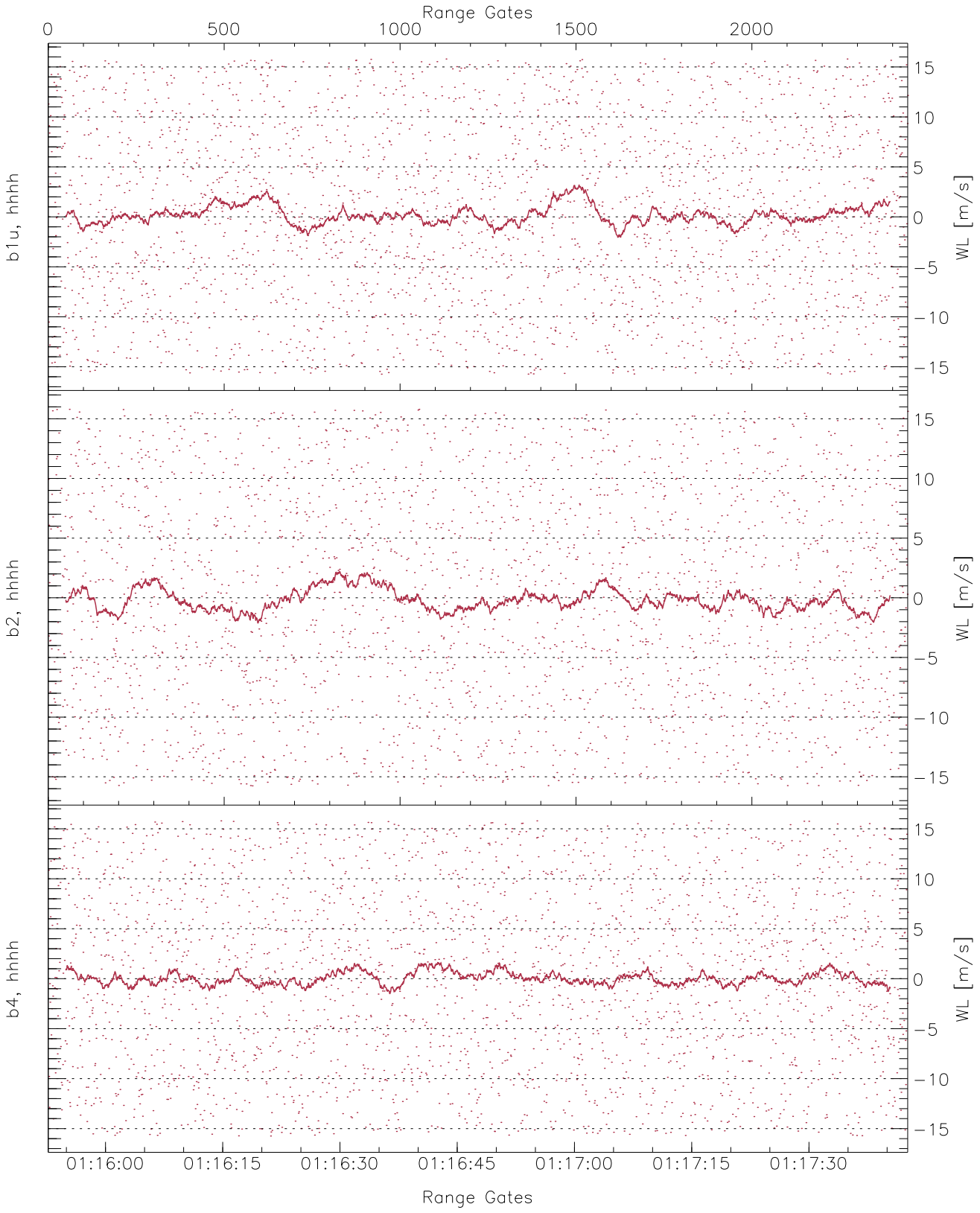
	Min	Max	Mean	Median	StDev
H1RG93_0 [dBm]	-66.44	-64.29	-65.31	-65.32	-76.94
V2RG159_0 [dBm]	-65.91	-64.02	-64.97	-64.97	-76.50
H2RG157_0 [dBm]	-66.02	-64.04	-64.91	-64.91	-76.50



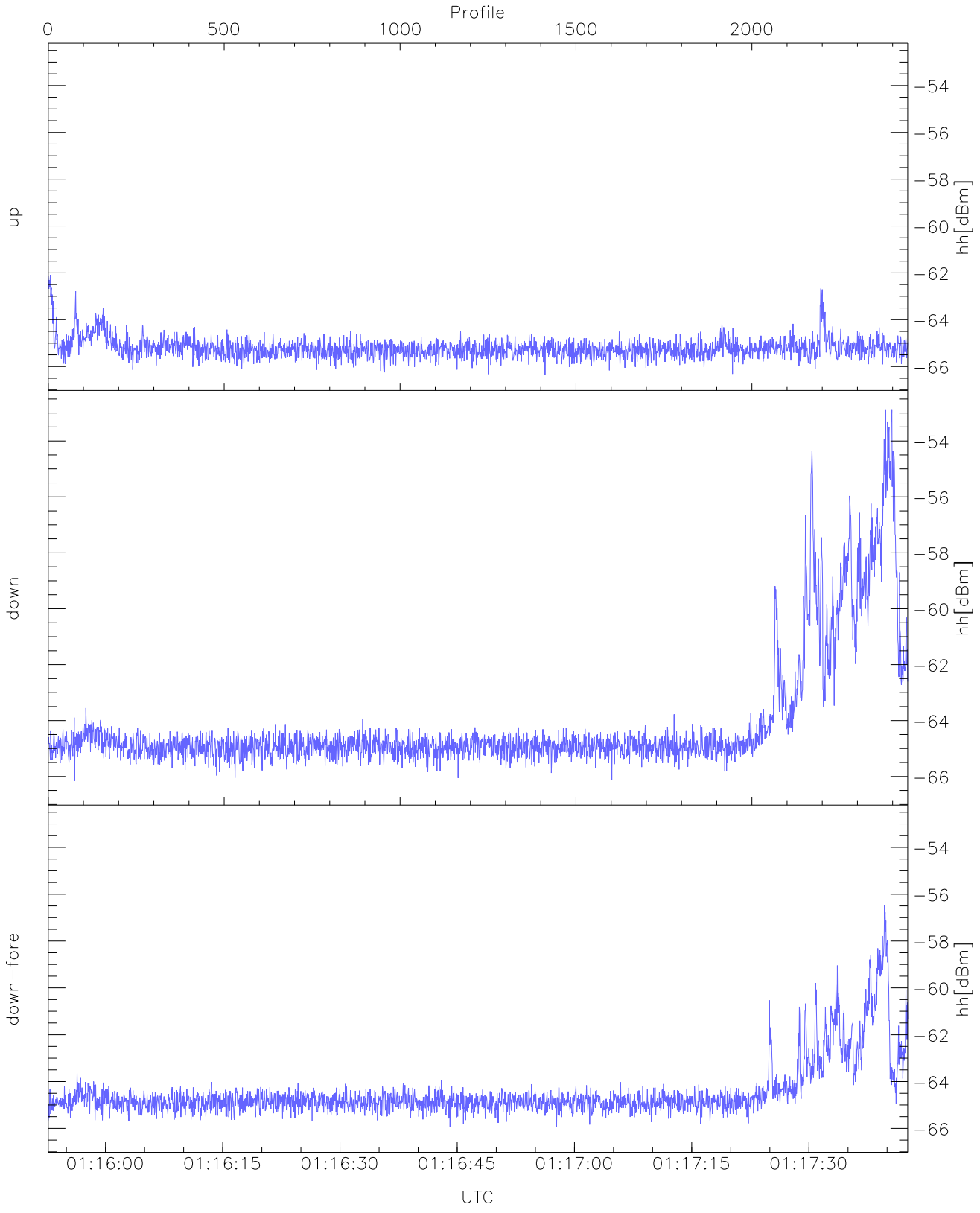
WCR3 CPP Averaged Received power for all recorded gates
blue: 011553-011648, 1223 profiles averaged
red: 011648-011743, 1222 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 011553-011648, 1223 profiles averaged
red: 011648-011743, 1222 profiles averaged

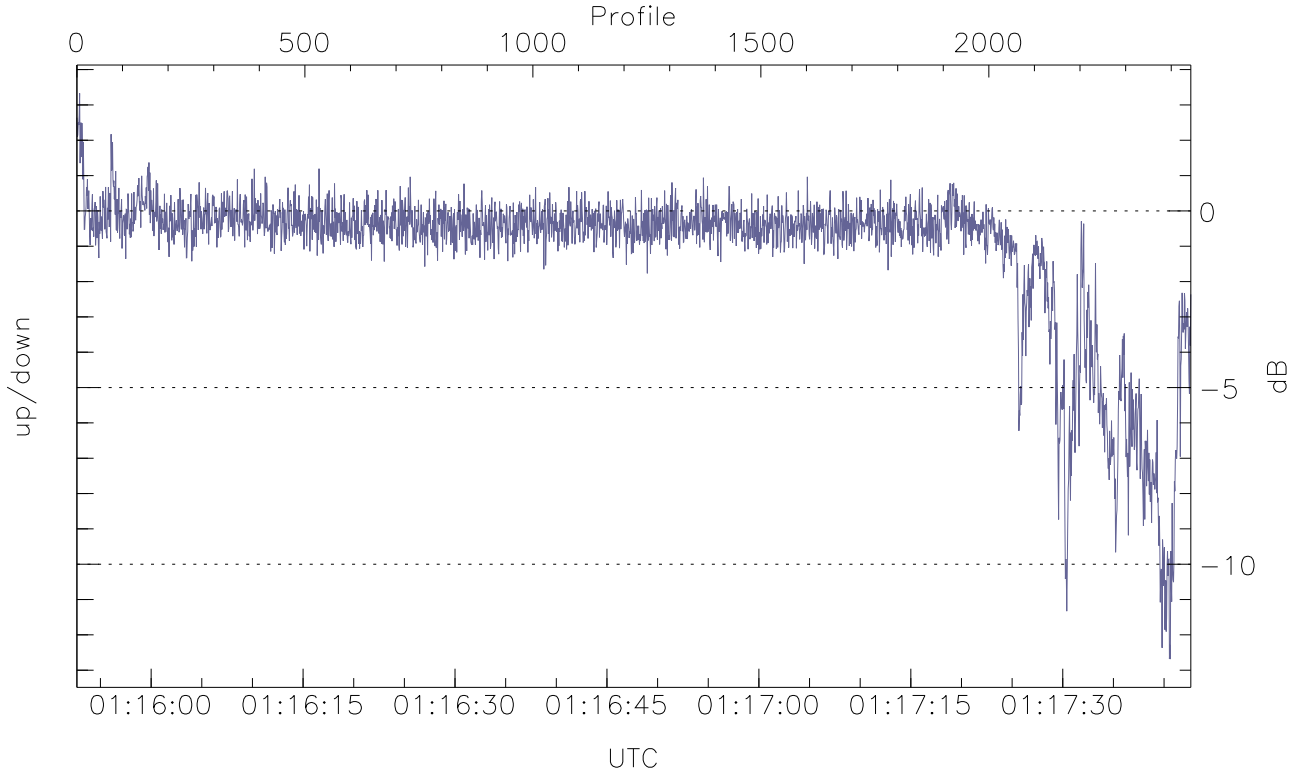


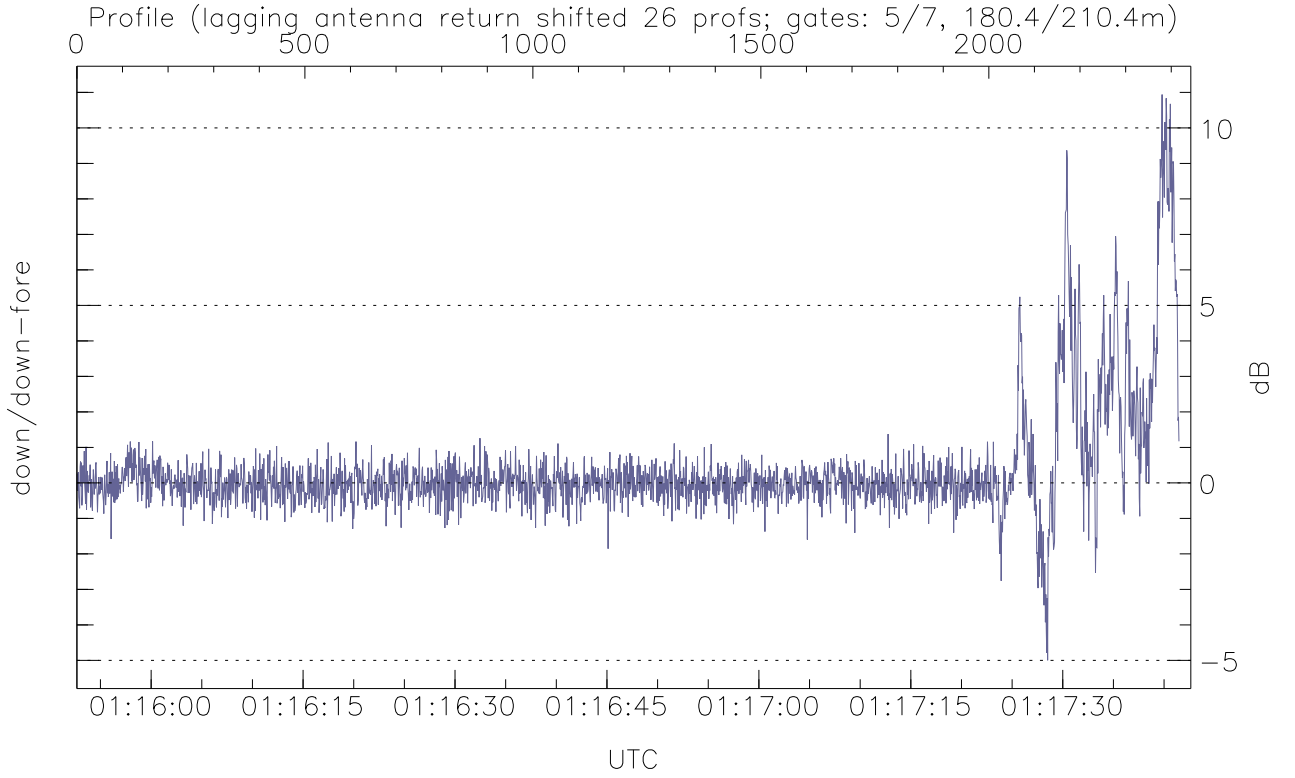
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

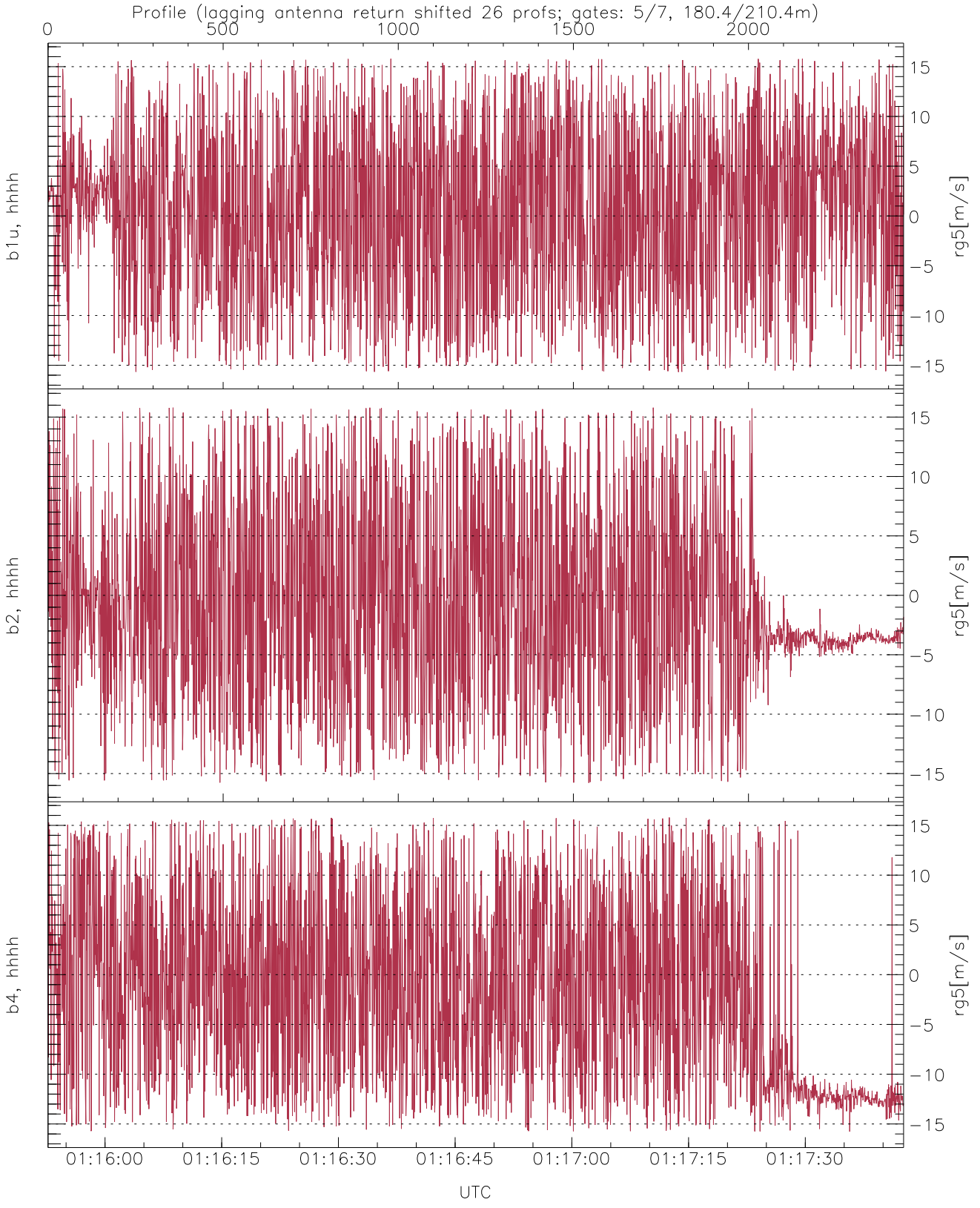
	Min	Max	Mean
up(hh[dBm])	-66.35	-62.08	-65.18
down(hh[dBm])	-66.16	-52.87	-63.24
down-fore(hh[dBm])	-65.95	-56.49	-64.24





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

	Min	Max	Mean
up/down(dB)	-12.69	3.33	-1.10
down/down-fore(dB)	-5.00	10.94	0.36



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.68	15.79	0.51	8.36
b2, hhhh(rg5[m/s])	-15.78	15.79	-0.90	7.83
b4, hhhh(rg5[m/s])	-15.76	15.79	-2.11	9.25