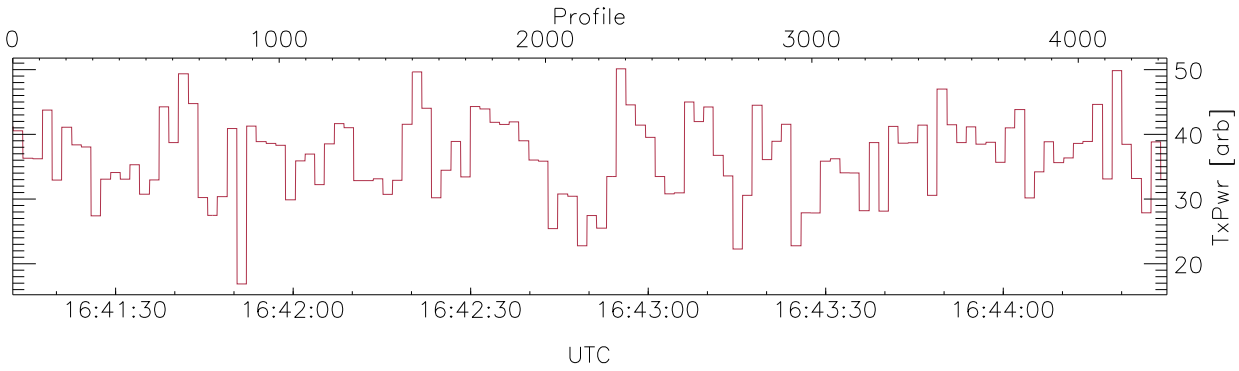
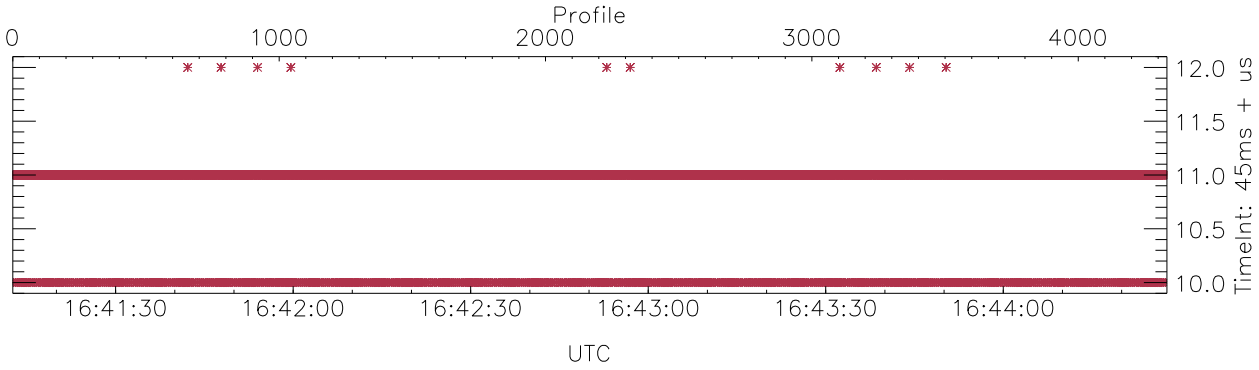
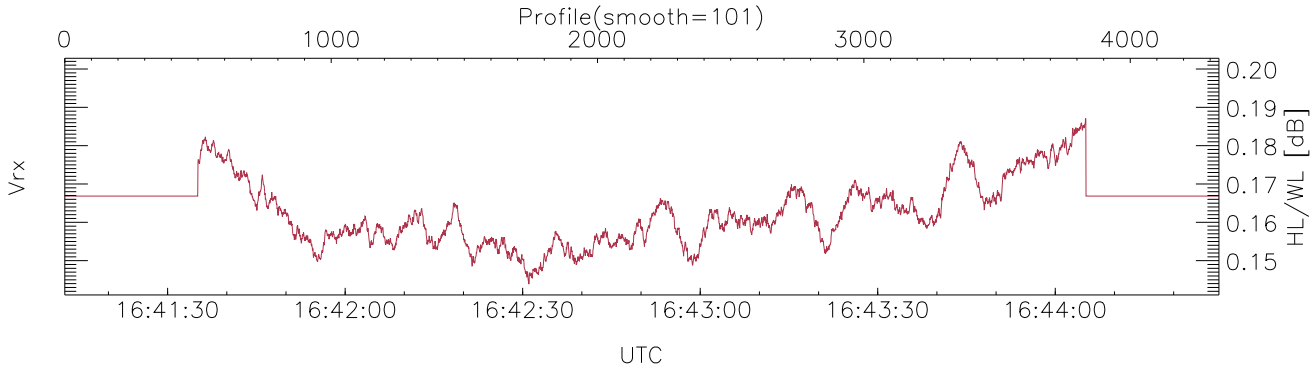
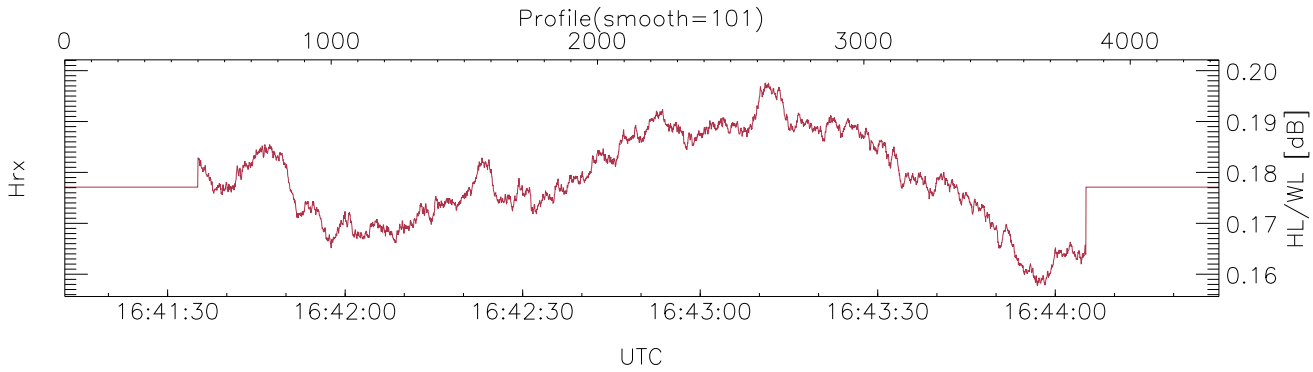


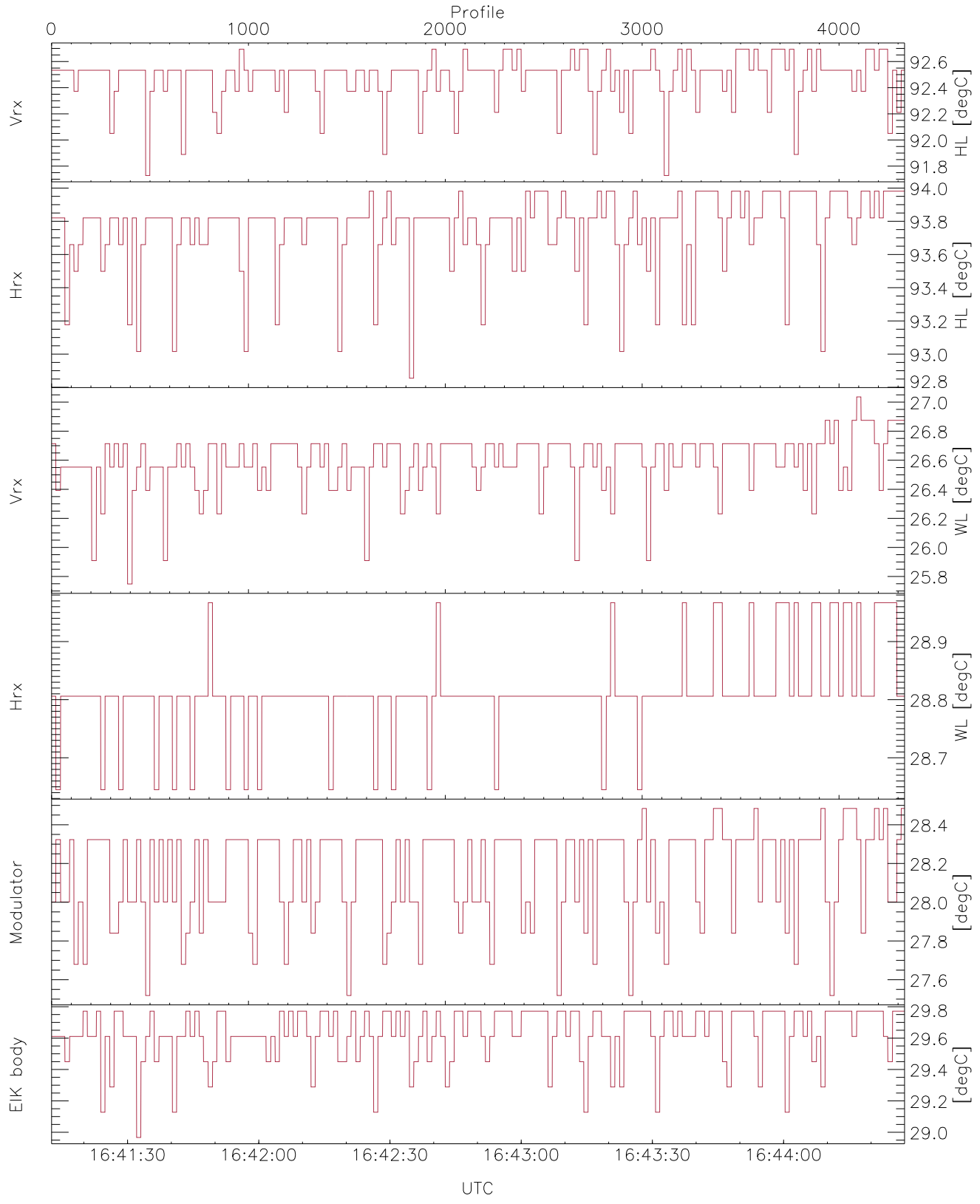






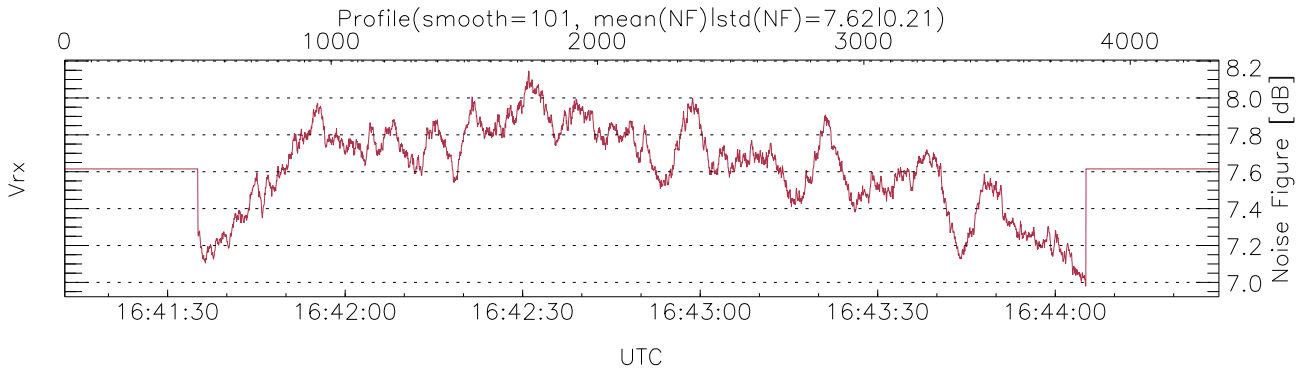
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

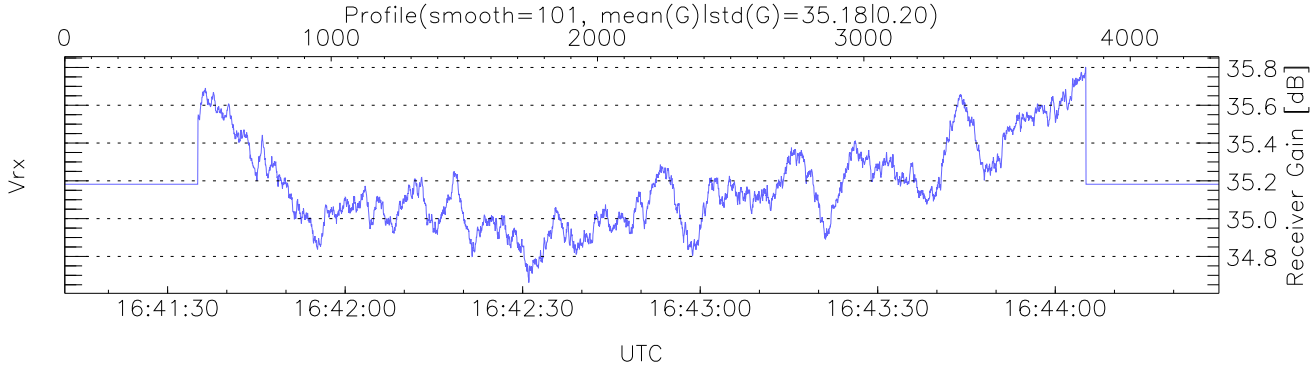
UTC: 16:41:13-16:44:28, TimeCor: 0.00s, Dur: 195.03s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
NumRec(r/t): 4334/4334, 0-4333/16:41:13-16:44:28
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: H1 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

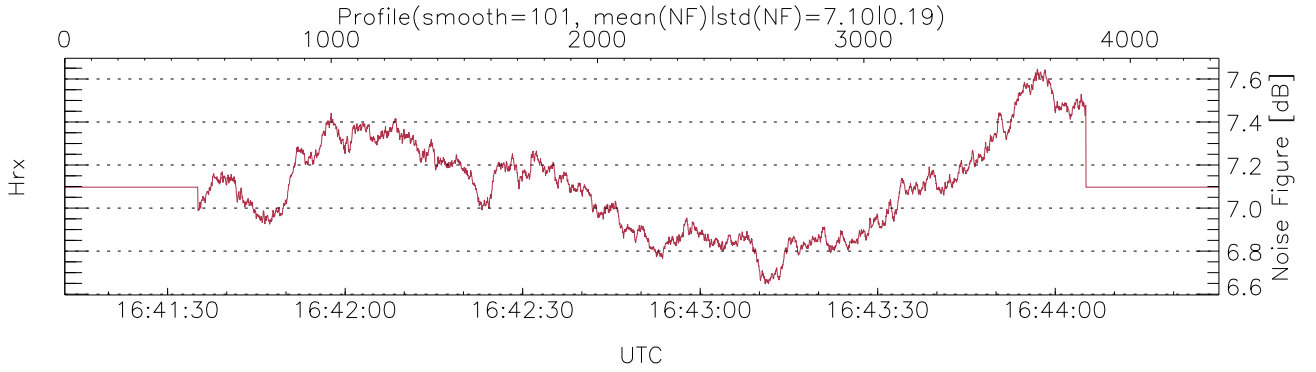


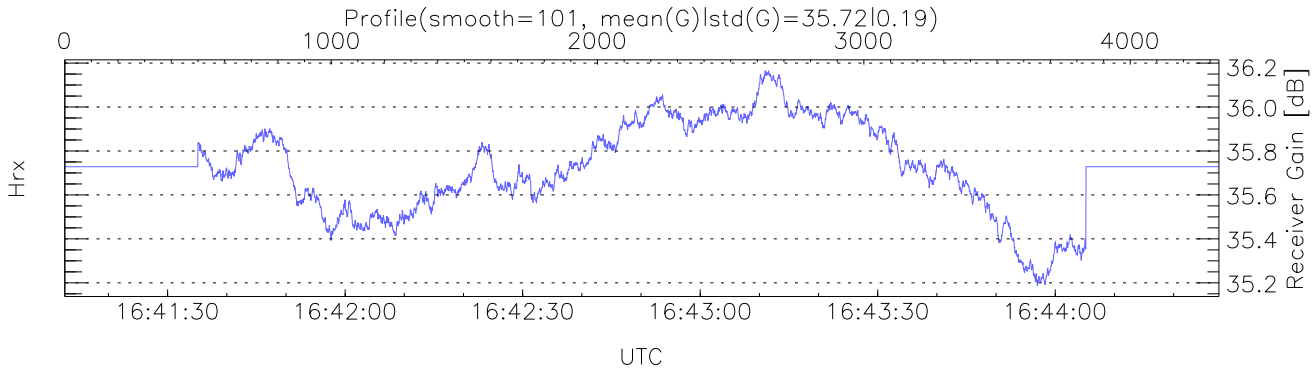
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,25,28,27,28
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,27,28,28,29
LOalarm(20,240,2817,14861 MHz): None
EIK/Modulator Faults: None



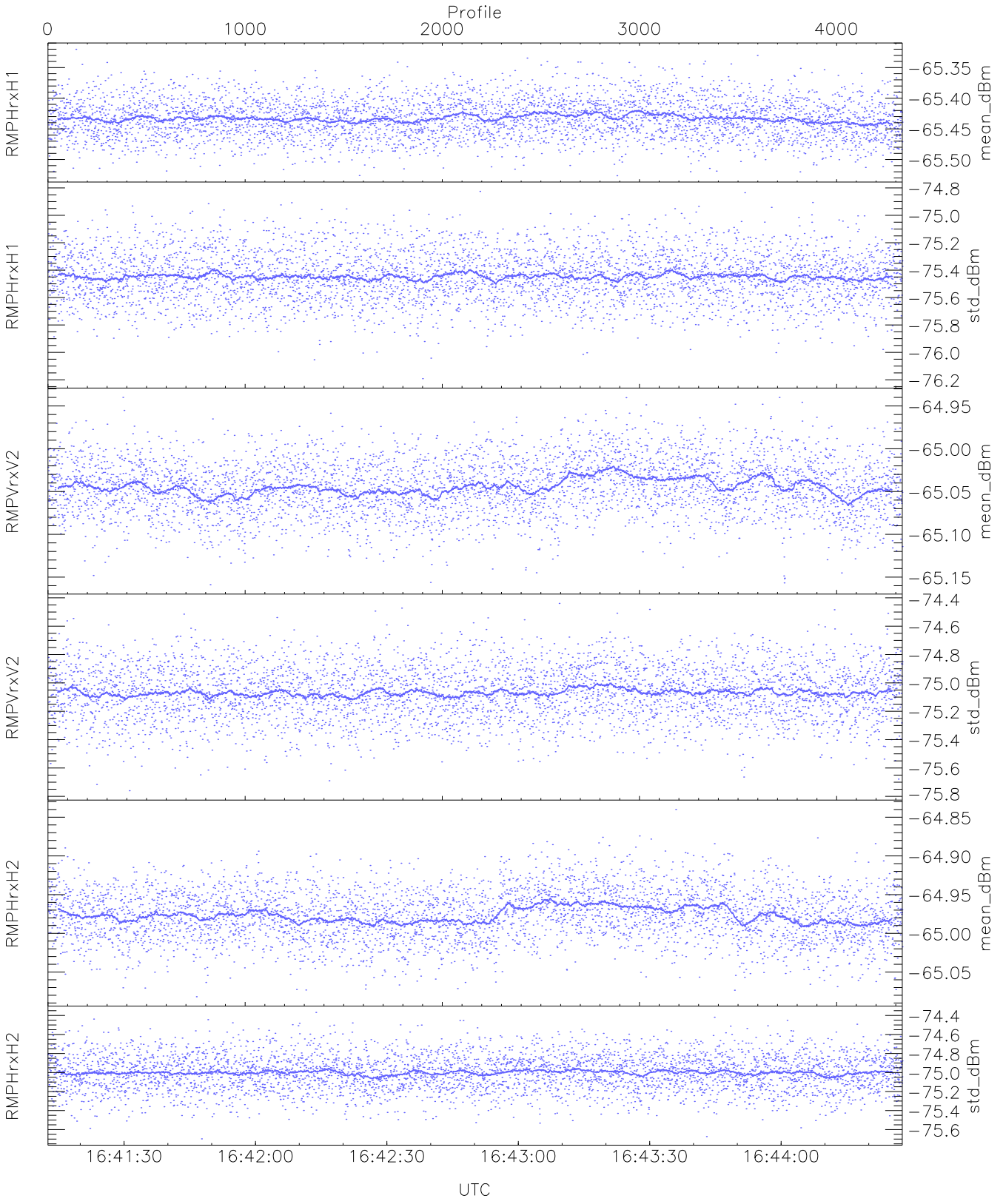






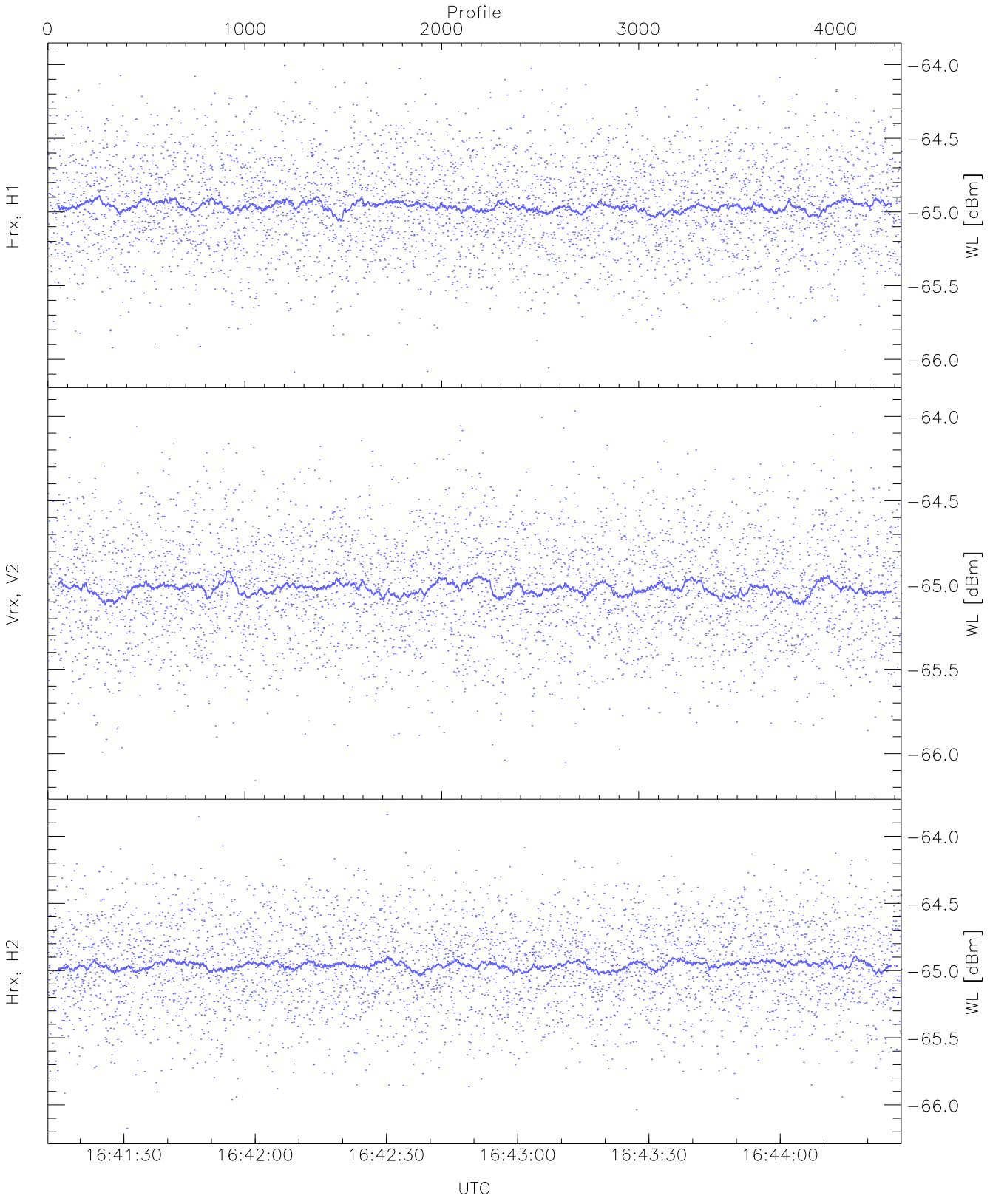
WCR3 CPP Receivers Gain and Noise Figure

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



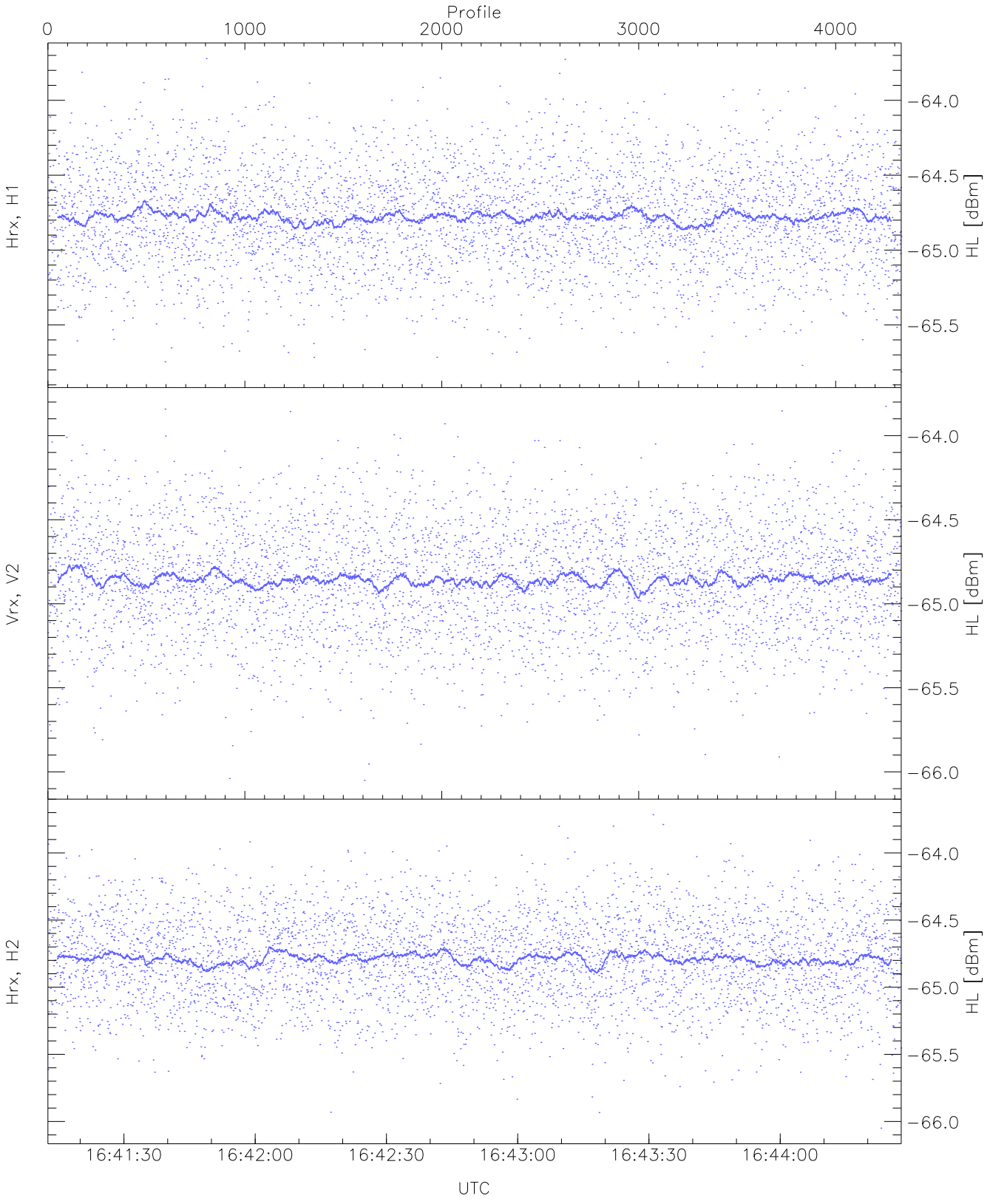
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.53	-65.32	-65.43	-65.43	-87.03
RMPHrxH1(std_dBm)	-76.19	-74.83	-75.44	-75.45	-89.30
RMPVrxV2(mean_dBm)	-65.16	-64.94	-65.04	-65.04	-86.45
RMPVrxV2(std_dBm)	-75.76	-74.44	-75.07	-75.07	-88.85
RMPHrxH2(mean_dBm)	-65.08	-64.84	-64.98	-64.98	-86.37
RMPHrxH2(std_dBm)	-75.70	-74.37	-75.00	-75.00	-88.77



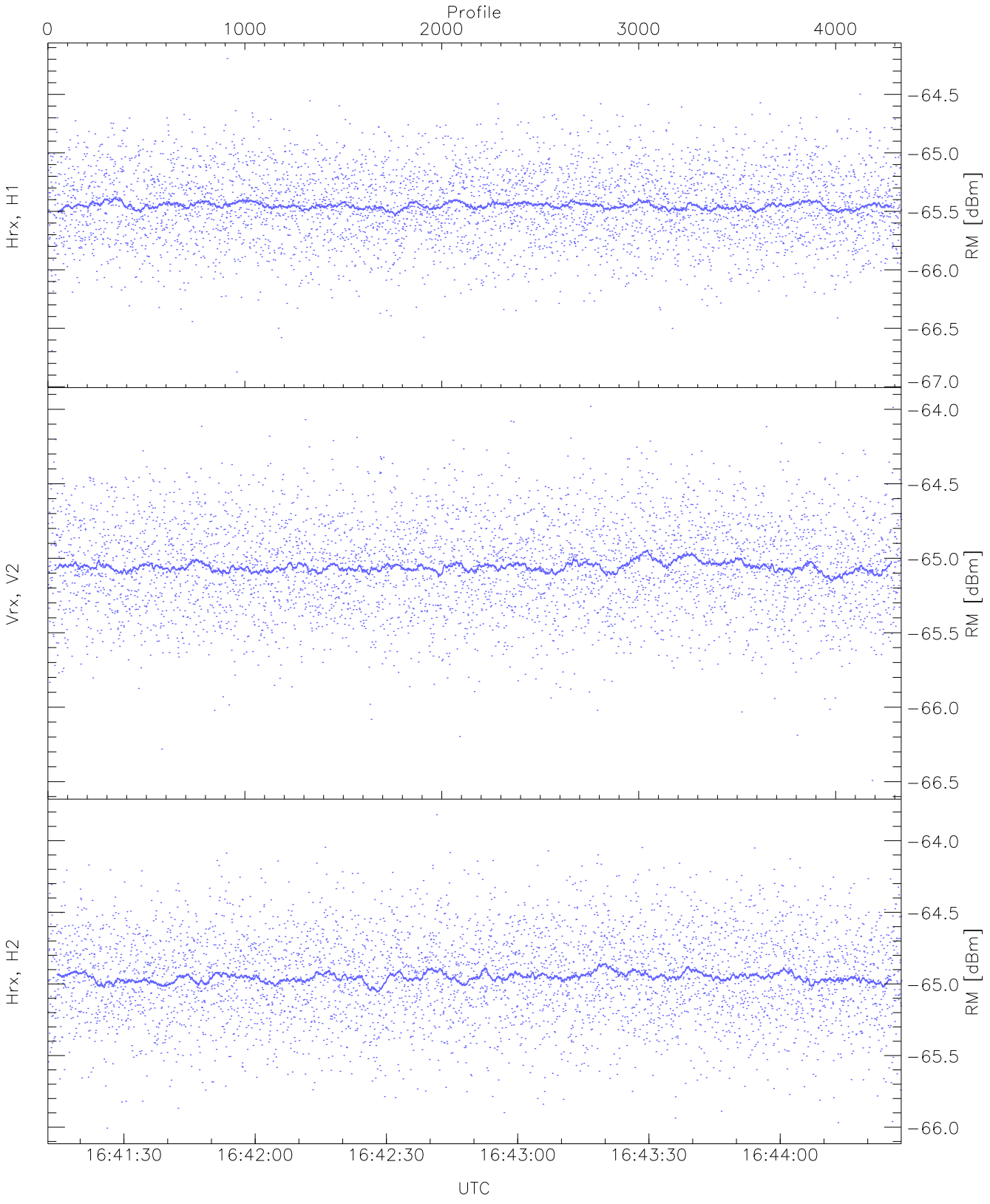
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.09	-63.96	-64.95	-64.96	-76.45
Vrx, V2(WL [dBm])	-66.16	-63.94	-65.01	-65.02	-76.47
Hrx, H2(WL [dBm])	-66.17	-63.84	-64.95	-64.96	-76.40



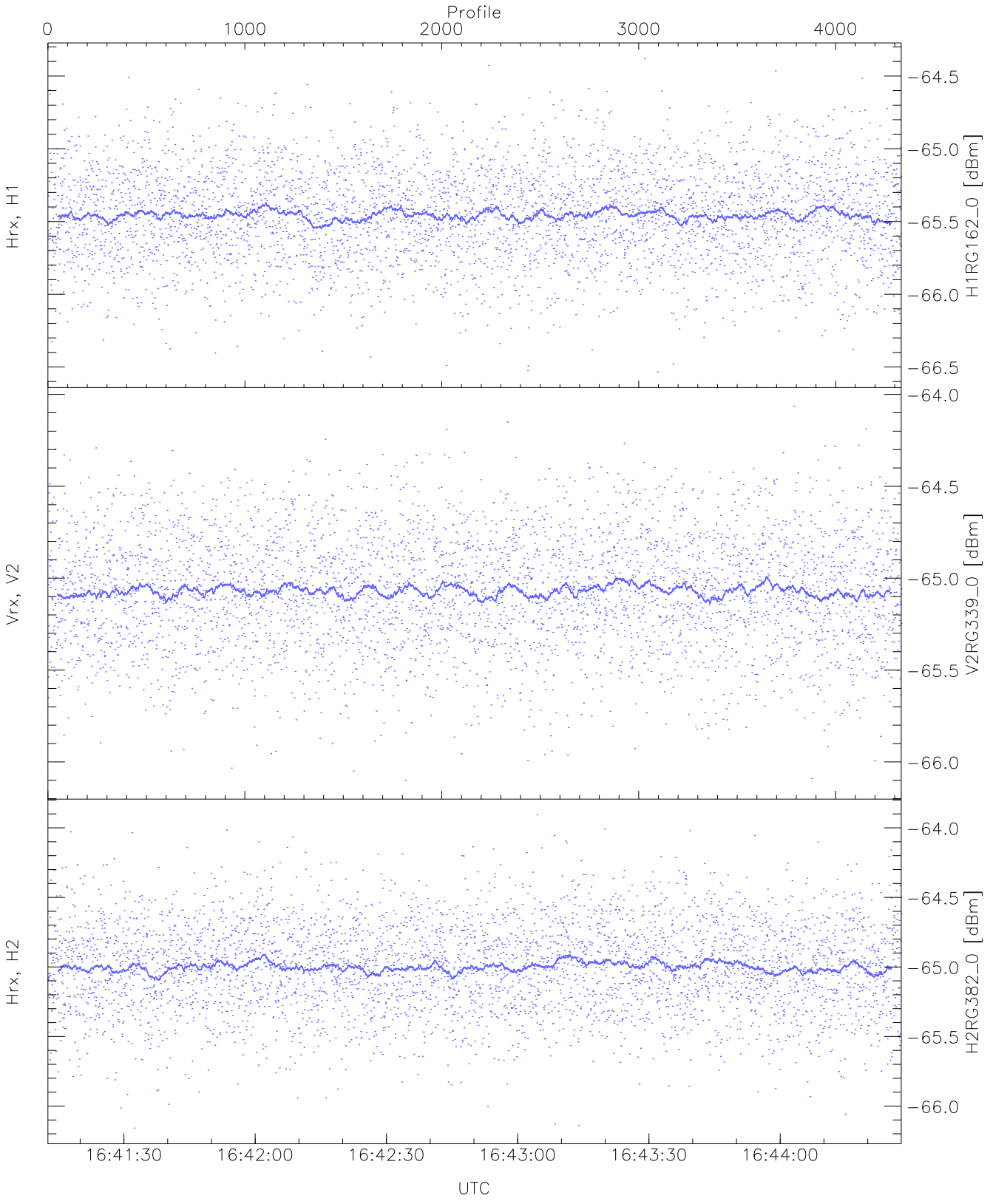
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.81	-63.72	-64.77	-64.78	-76.21
Vrx, V2(HL [dBm])	-66.05	-63.83	-64.85	-64.85	-76.36
Hrx, H2(HL [dBm])	-66.05	-63.72	-64.78	-64.78	-76.32



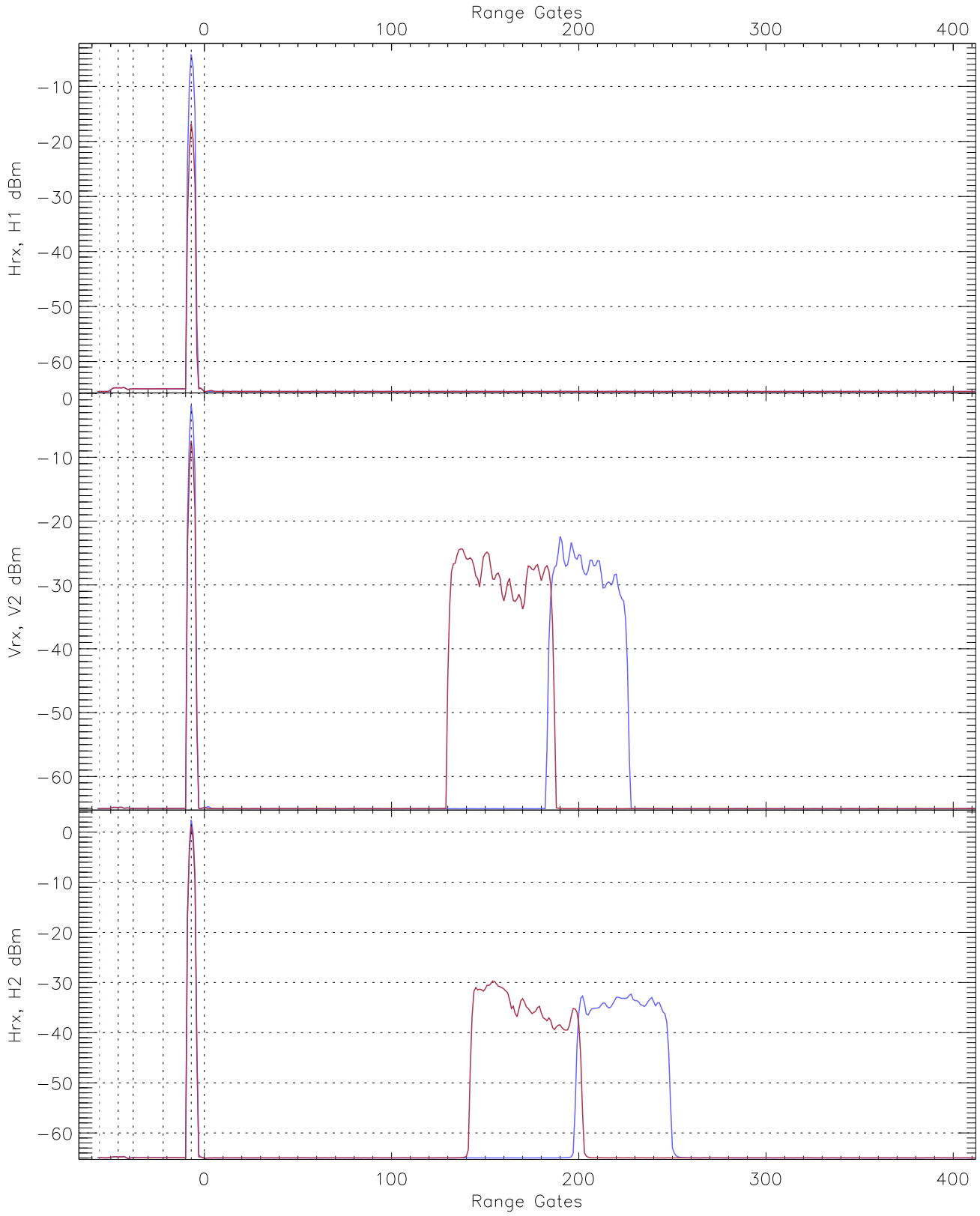
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.87	-64.19	-65.44	-65.45	-76.89
Vrx, V2(RM [dBm])	-66.49	-63.98	-65.05	-65.06	-76.57
Hrx, H2(RM [dBm])	-66.01	-63.82	-64.94	-64.95	-76.46

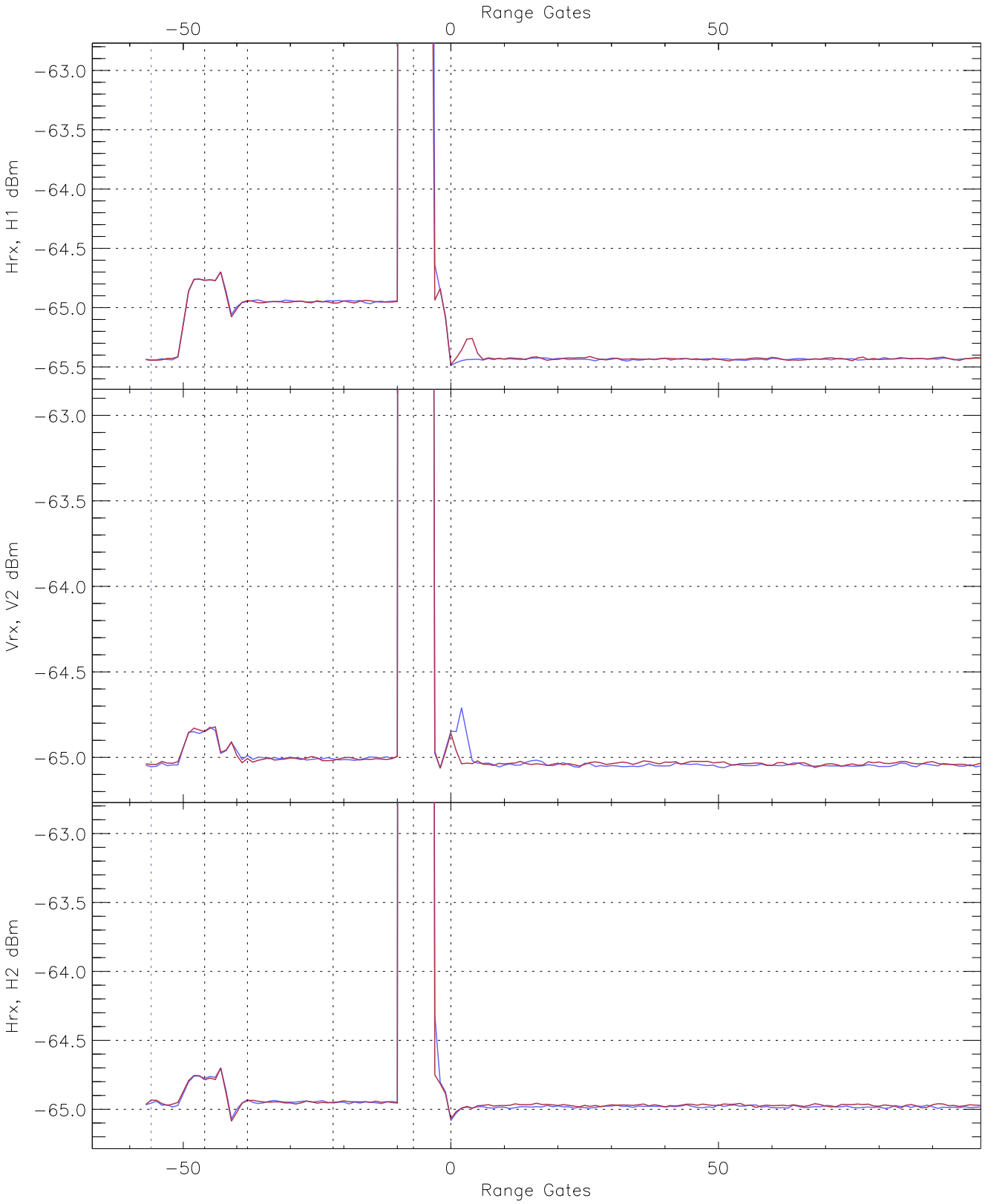


WCR3 CPP "Best" estimate Receivers Noise Power

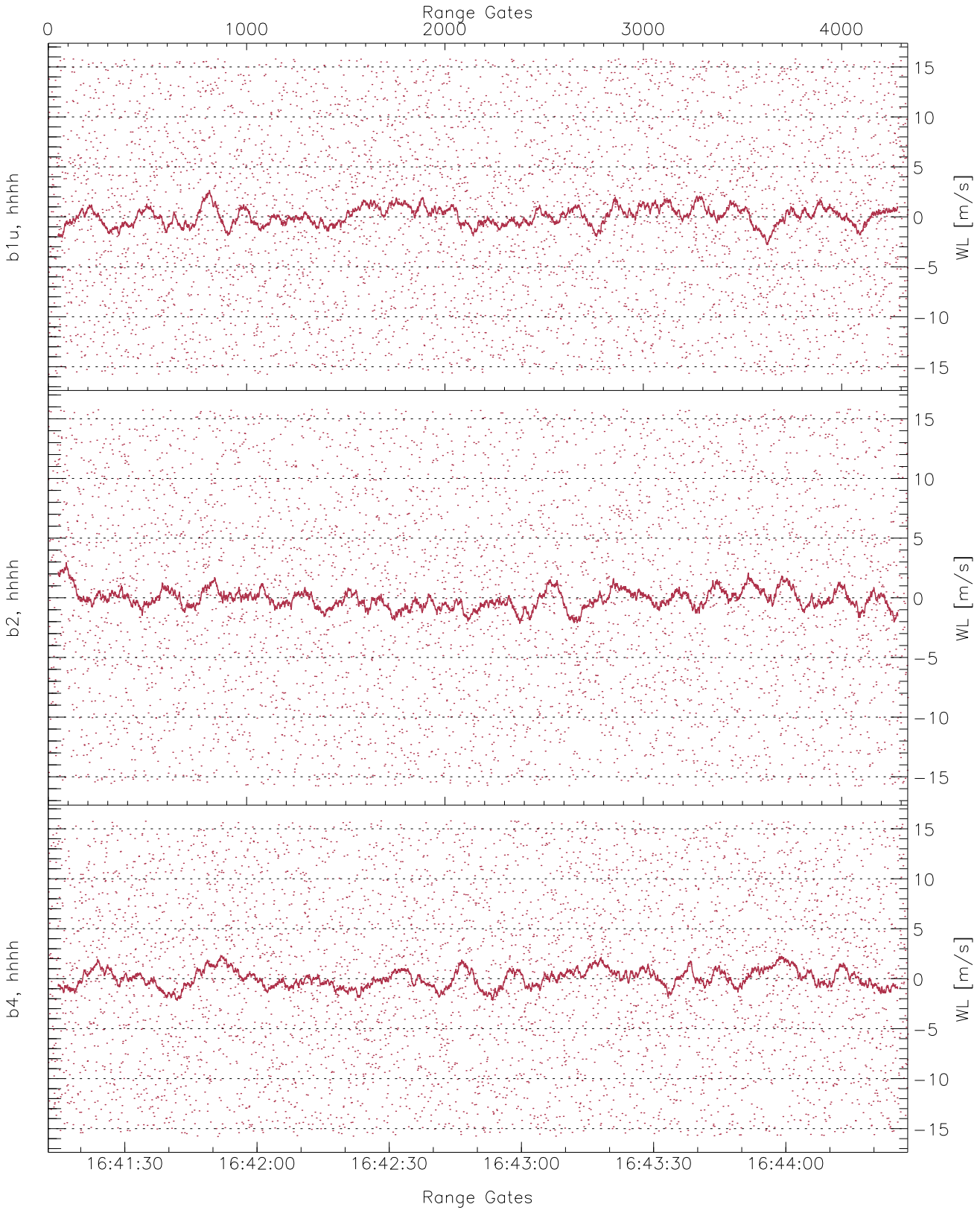
	Min	Max	Mean	Median	StDev
H1RG162_0 [dBm]	-66.53	-64.38	-65.45	-65.46	-76.94
V2RG339_0 [dBm]	-66.10	-64.06	-65.06	-65.07	-76.68
H2RG382_0 [dBm]	-66.16	-63.91	-64.99	-65.00	-76.45



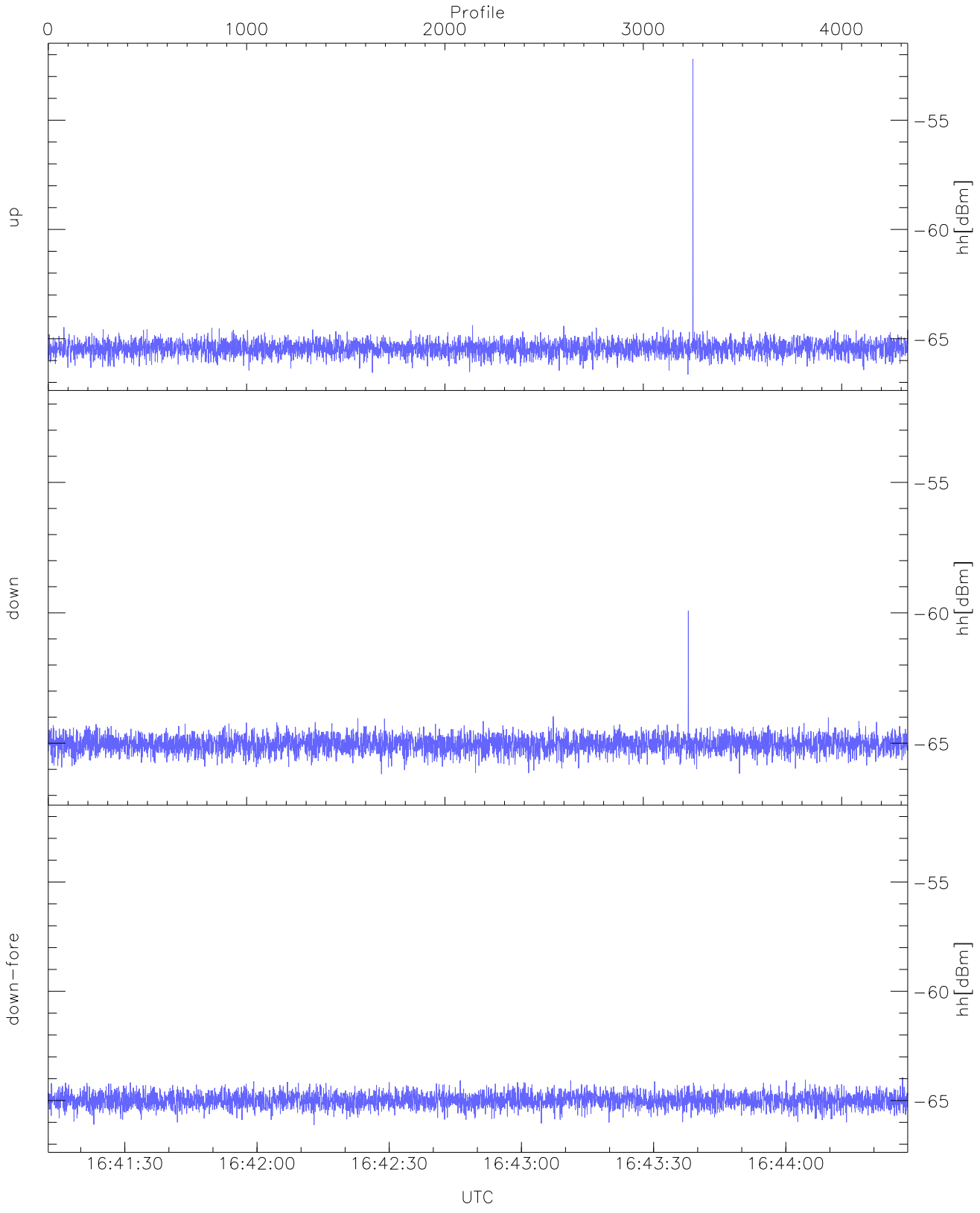
WCR3 CPP Averaged Received power for all recorded gates
blue: 164113-164250, 2168 profiles averaged
red: 164250-164428, 2167 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 164113-164250, 2168 profiles averaged
red: 164250-164428, 2167 profiles averaged

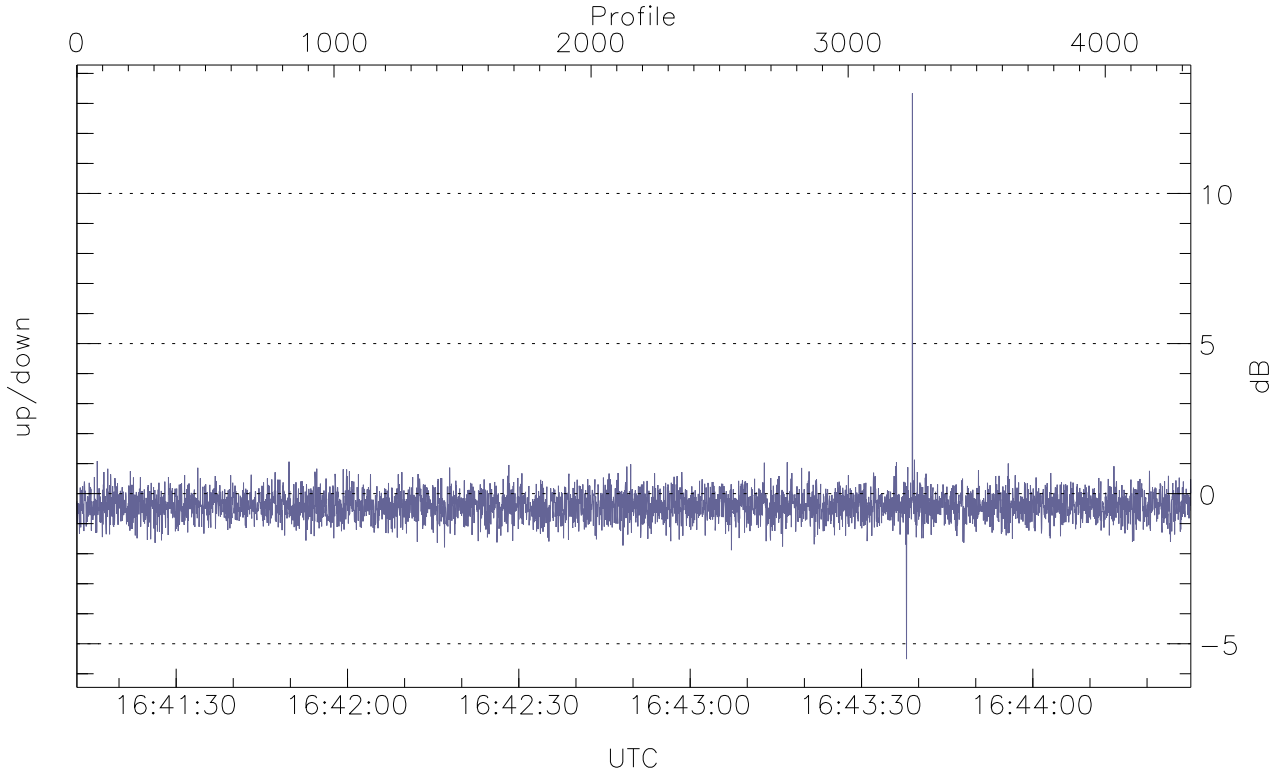


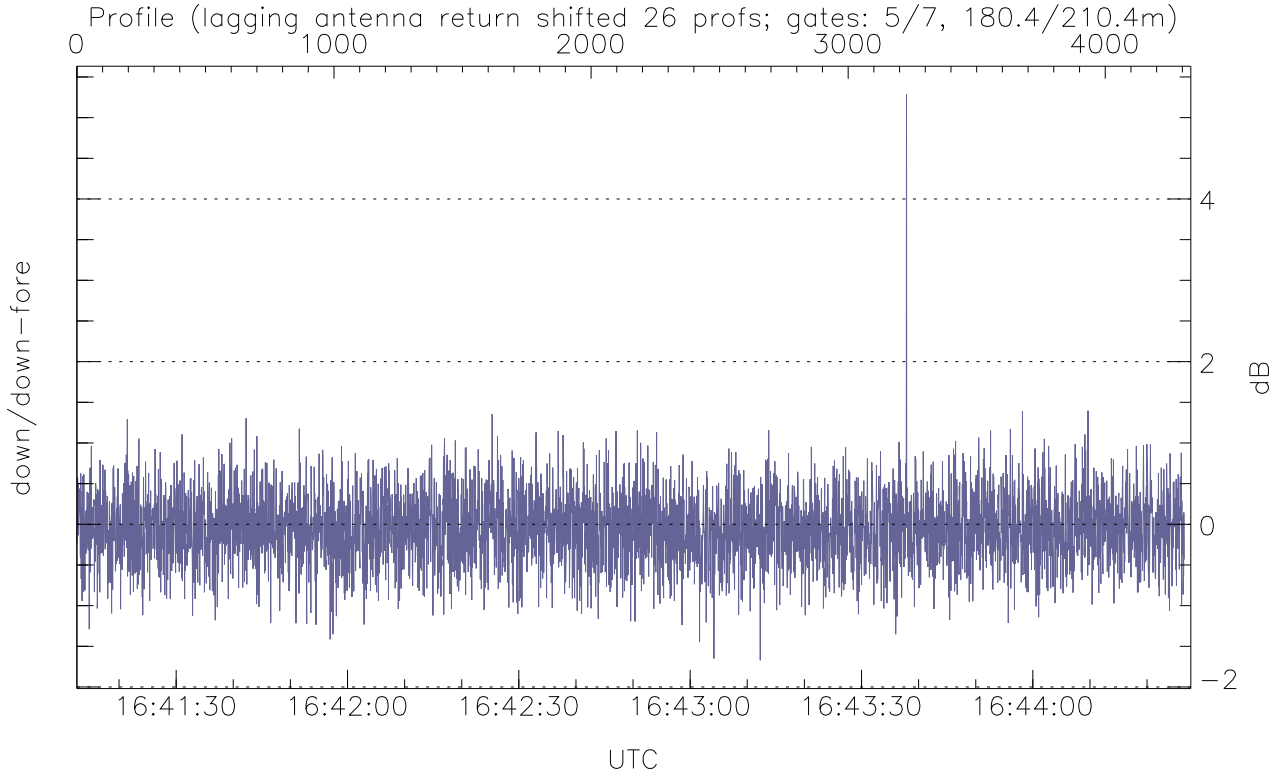
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

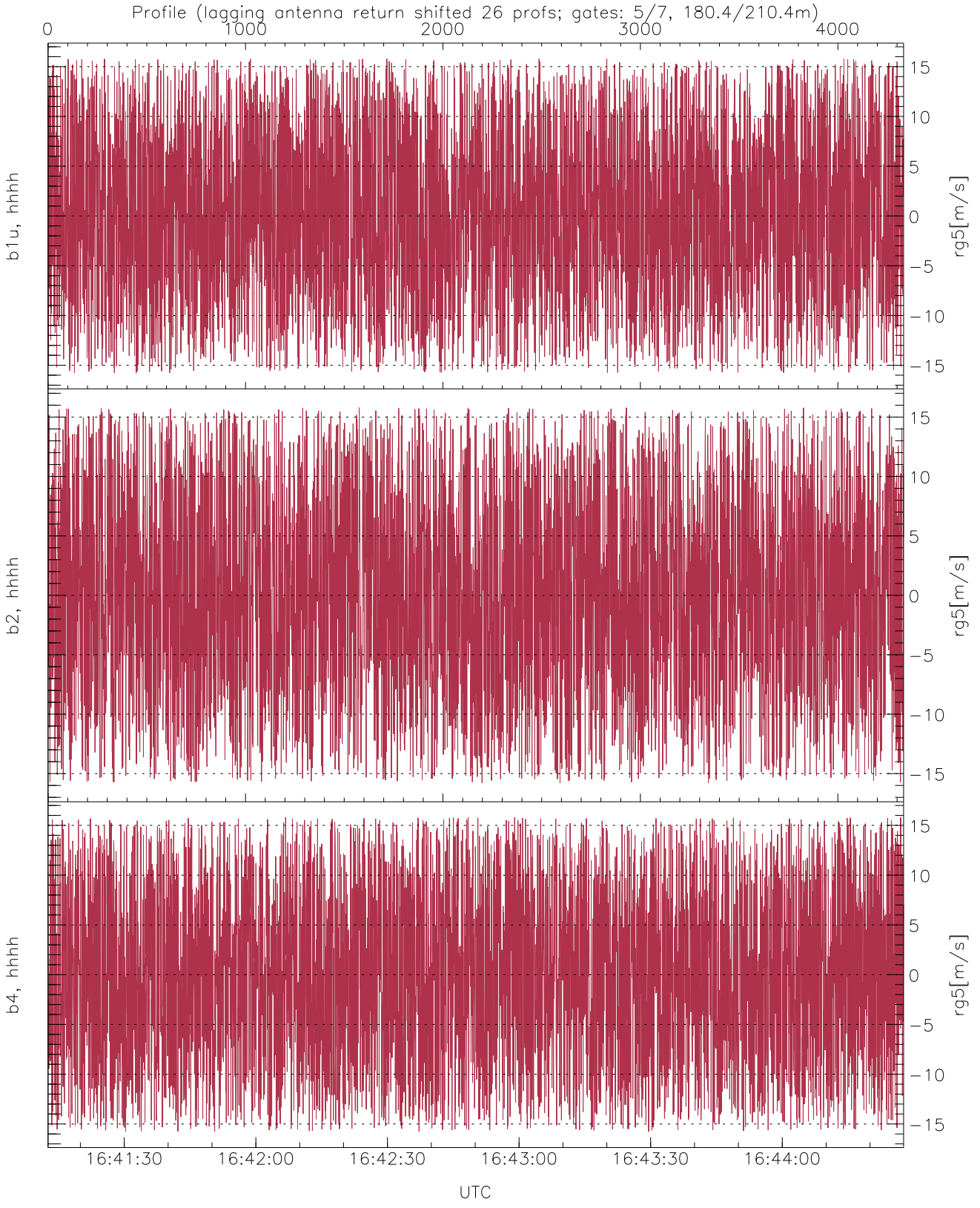
	Min	Max	Mean
up(hh[dBm])	-66.65	-52.20	-65.41
down(hh[dBm])	-66.18	-59.93	-65.03
down-fore(hh[dBm])	-66.11	-63.94	-64.98





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

	Min	Max	Mean
up/down(dB)	-5.51	13.34	-0.40
down/down-fore(dB)	-1.67	5.28	-0.05



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.77	15.79	0.18	8.75
b2, hhhh(rg5[m/s])	-15.78	15.79	0.08	8.63
b4, hhhh(rg5[m/s])	-15.77	15.79	-0.07	8.96