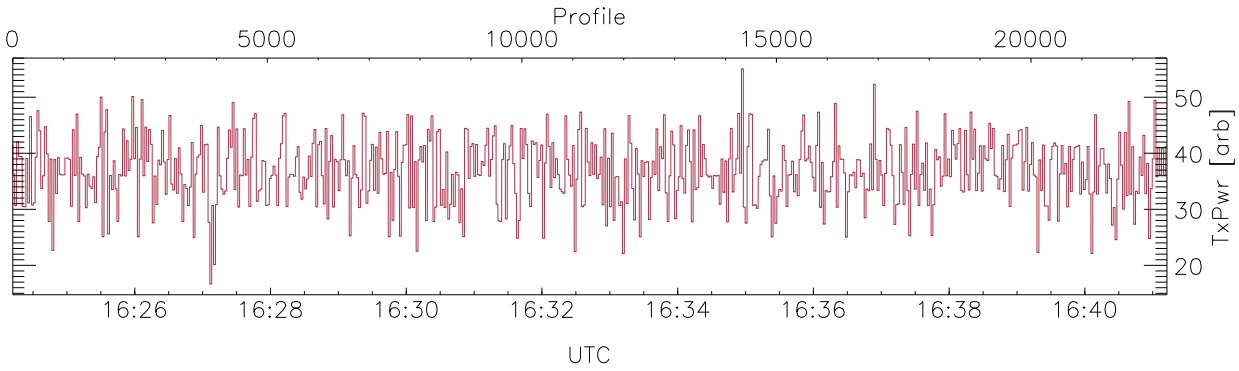
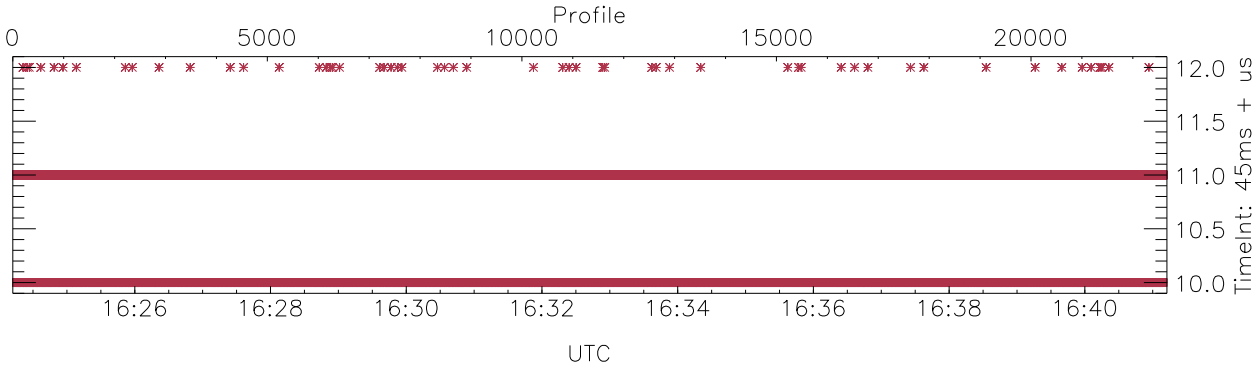
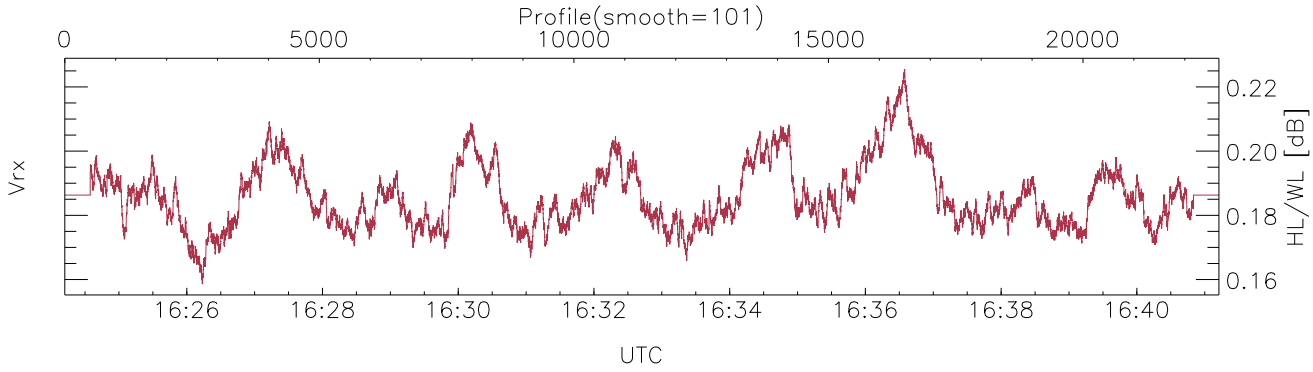
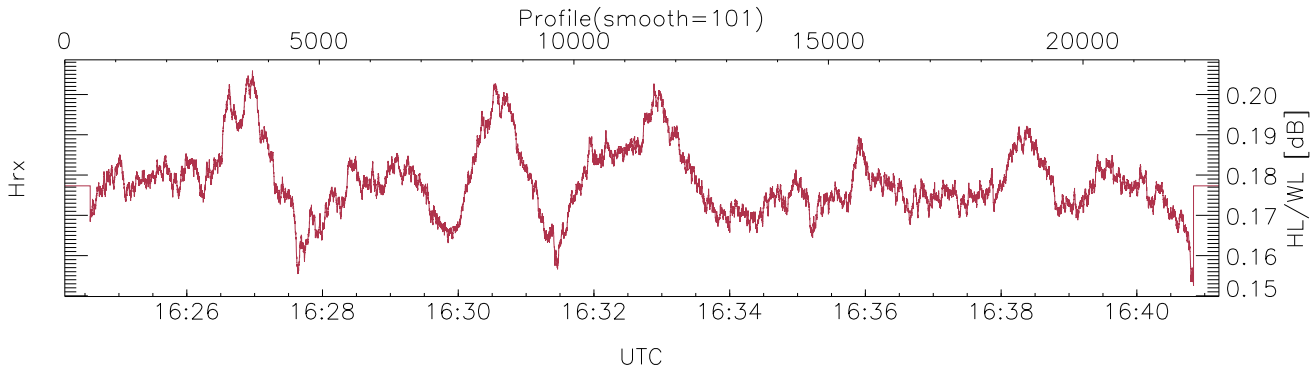


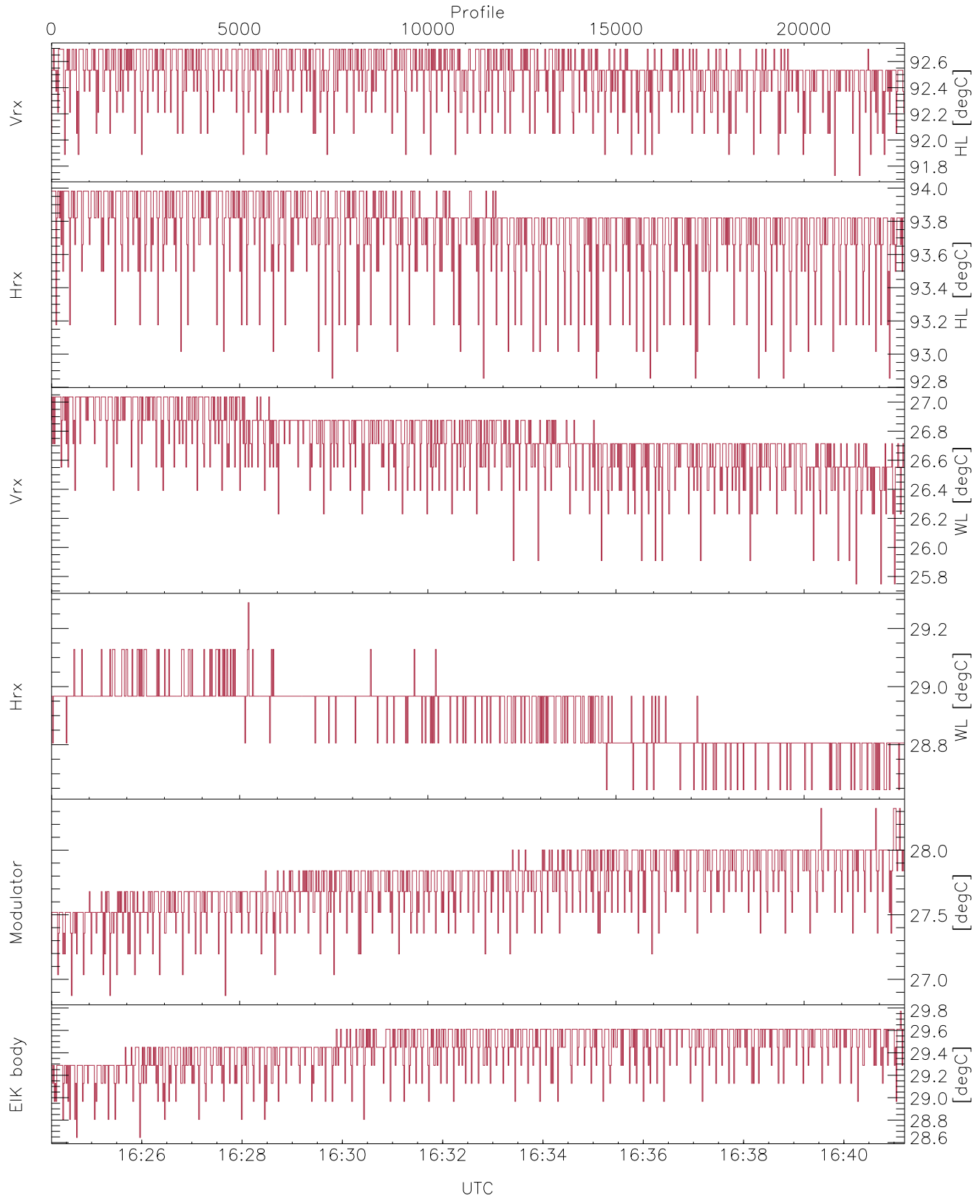






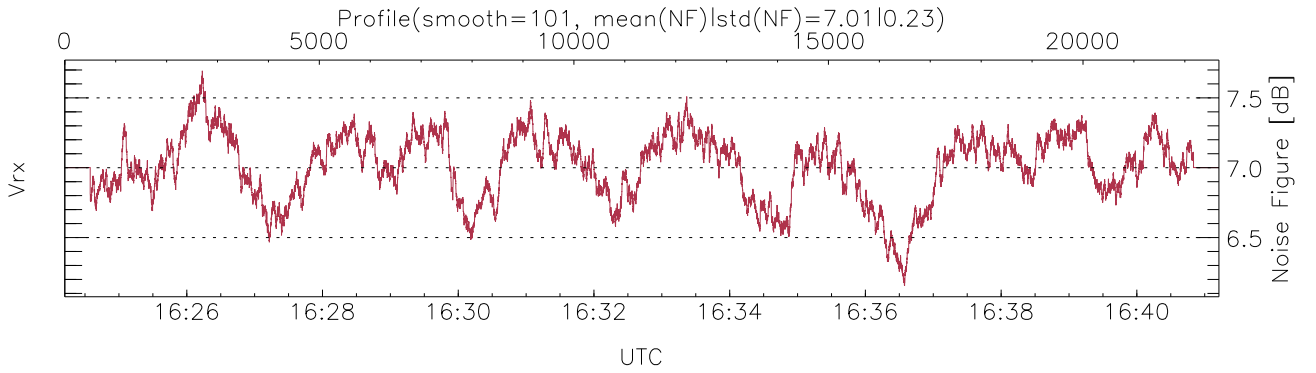
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

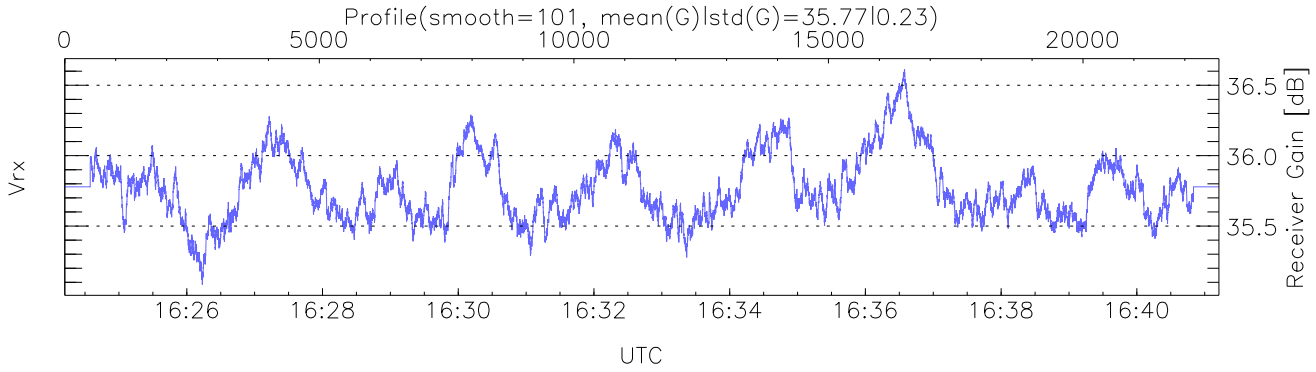
UTC: 16:24:12-16:41:13, TimeCor: 0.00s, Dur: 1020.45s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
NumRec(r/t): 22672/22672, 0-22671/16:24:12-16:41:13
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: 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

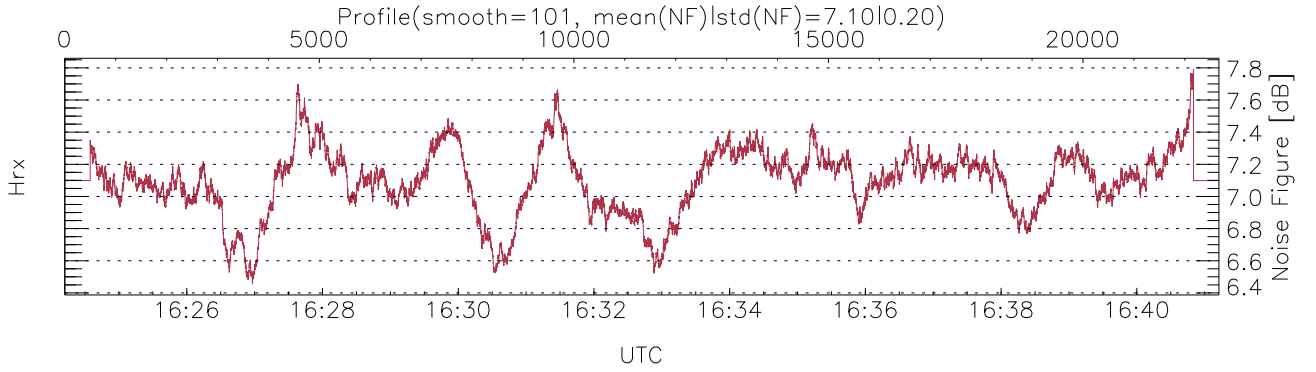


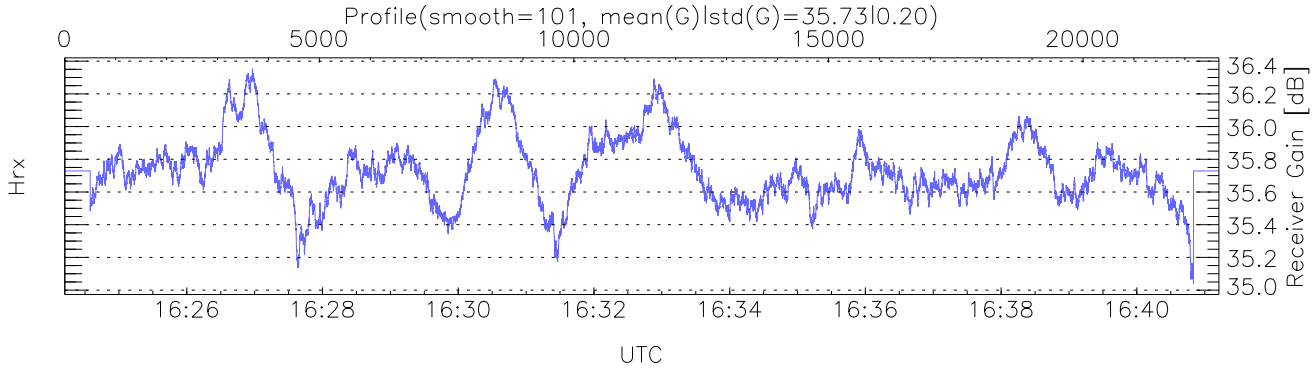
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,25,28,26,28
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,27,29,28,29
LOalarm(20,240,2817,14861 MHz): 0,0,66,0
EIK Faults(# prof affected):
DeckF (24)



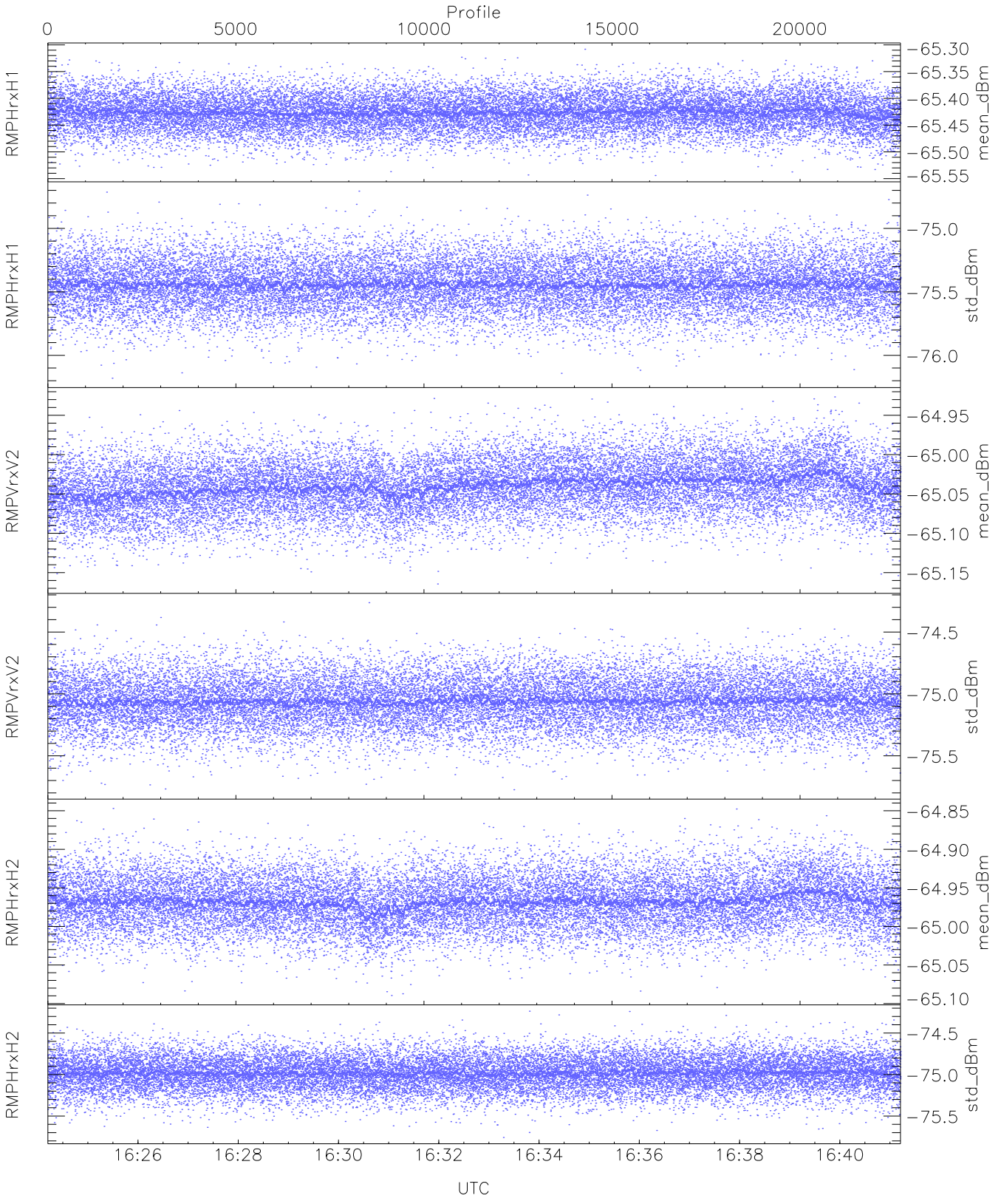






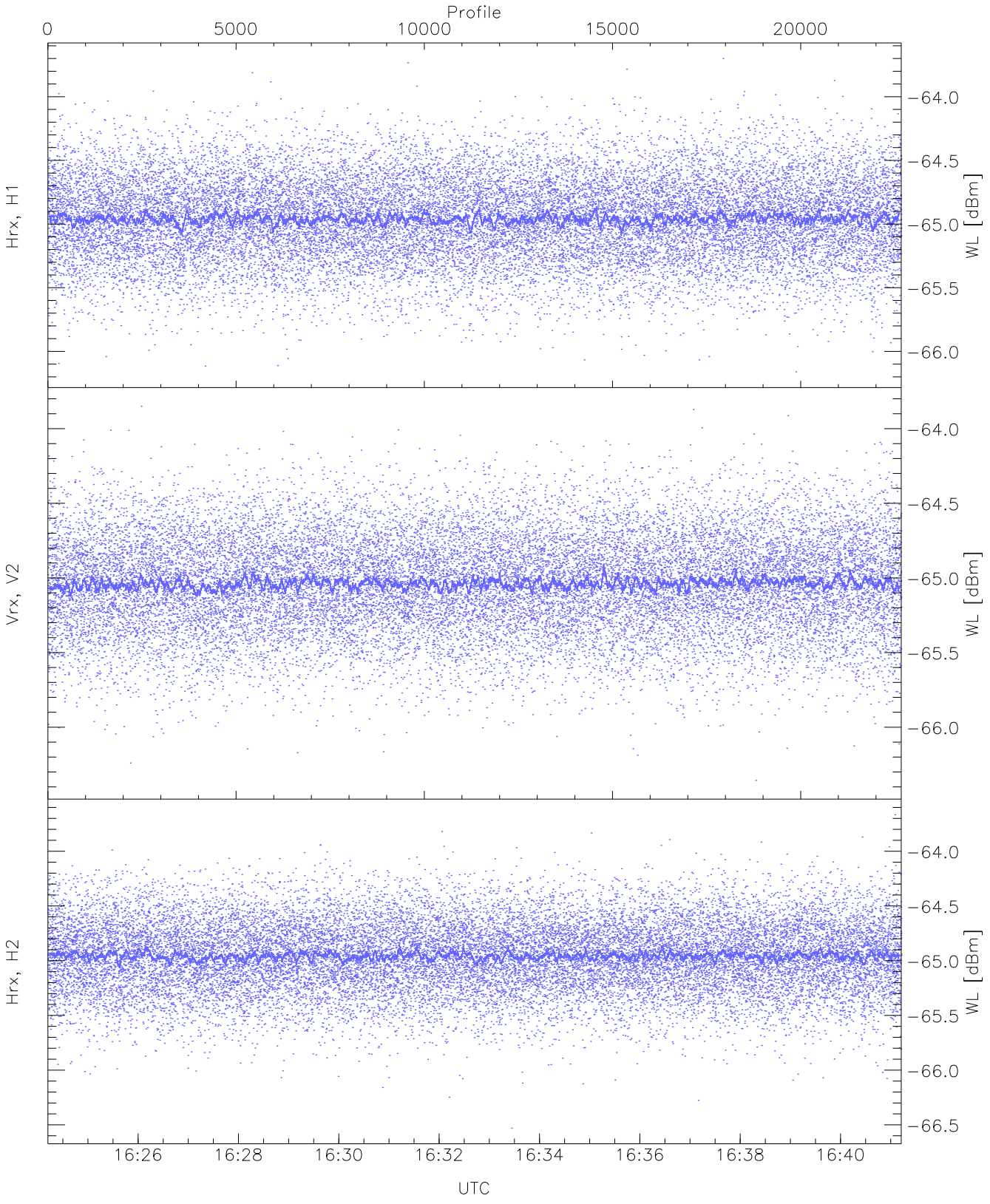
WCR3 CPP Receivers Gain and Noise Figure

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



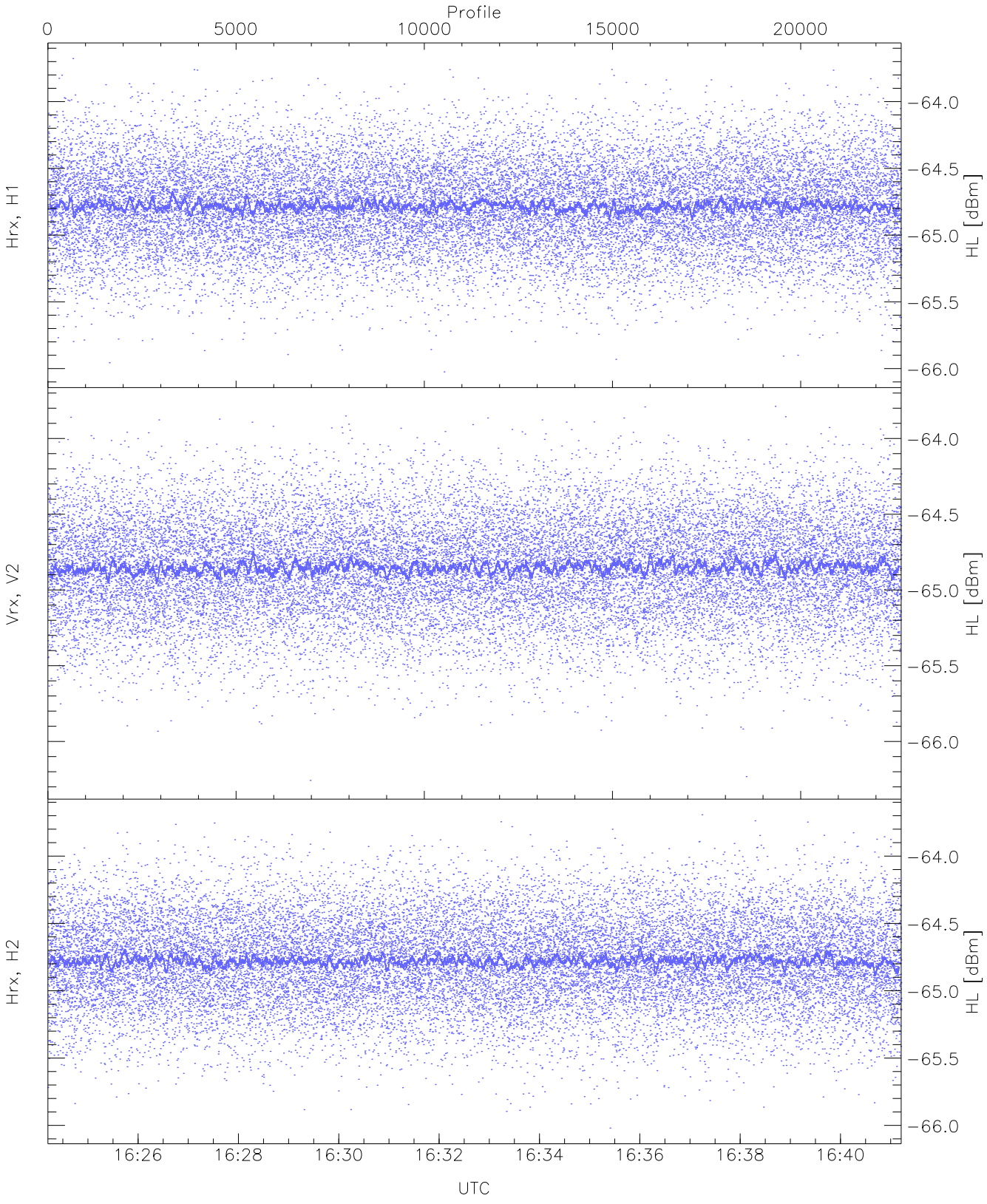
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.54	-65.31	-65.43	-65.43	-87.00
RMPHrxH1(std_dBm)	-76.18	-74.71	-75.44	-75.45	-89.24
RMPVrxV2(mean_dBm)	-65.16	-64.93	-65.04	-65.04	-86.53
RMPVrxV2(std_dBm)	-75.77	-74.26	-75.06	-75.06	-88.85
RMPHrxH2(mean_dBm)	-65.09	-64.85	-64.97	-64.97	-86.53
RMPHrxH2(std_dBm)	-75.76	-74.24	-74.98	-74.98	-88.77



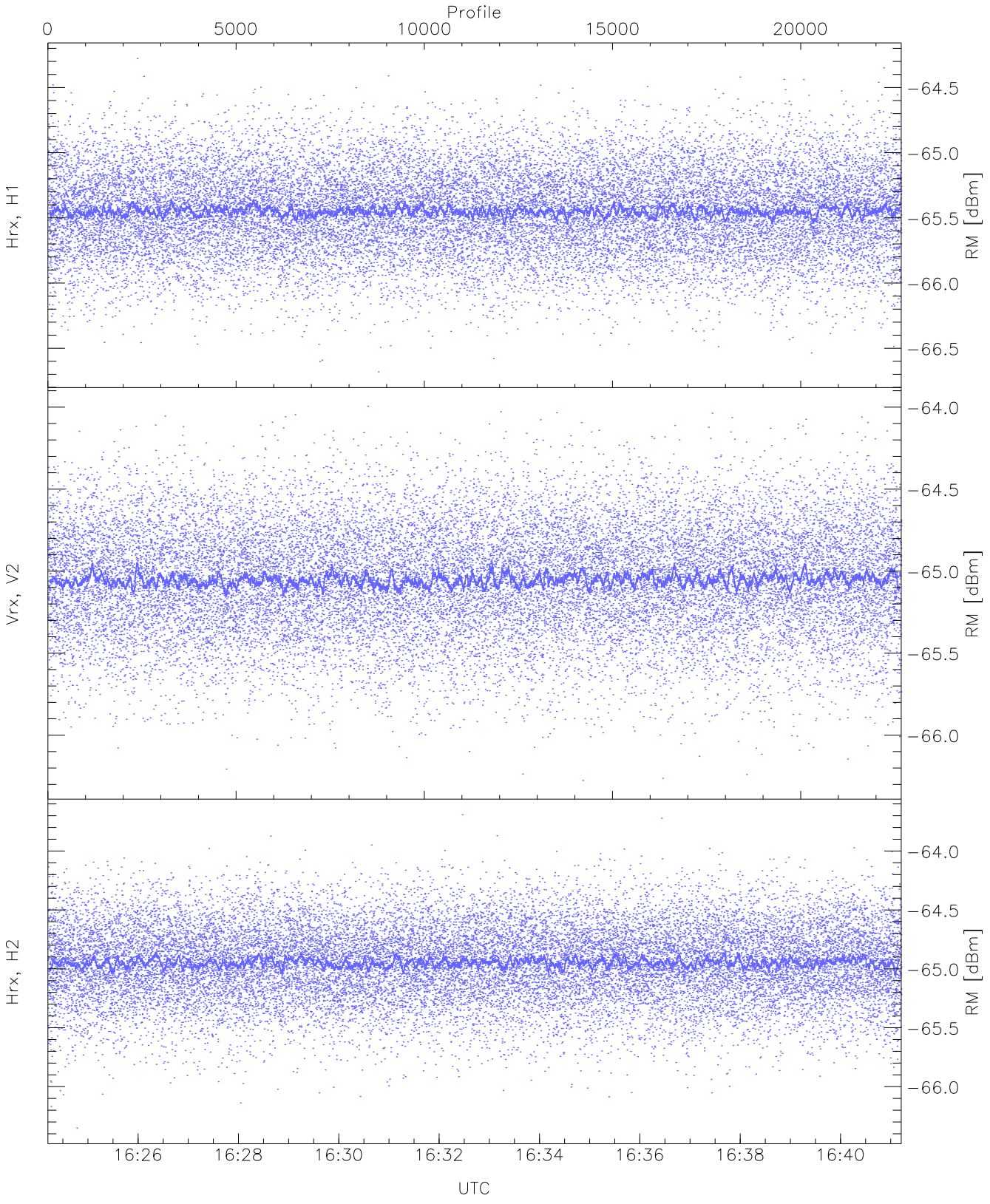
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.16	-63.70	-64.95	-64.96	-76.46
Vrx, V2(WL [dBm])	-66.36	-63.85	-65.03	-65.04	-76.54
Hrx, H2(WL [dBm])	-66.53	-63.67	-64.95	-64.96	-76.44



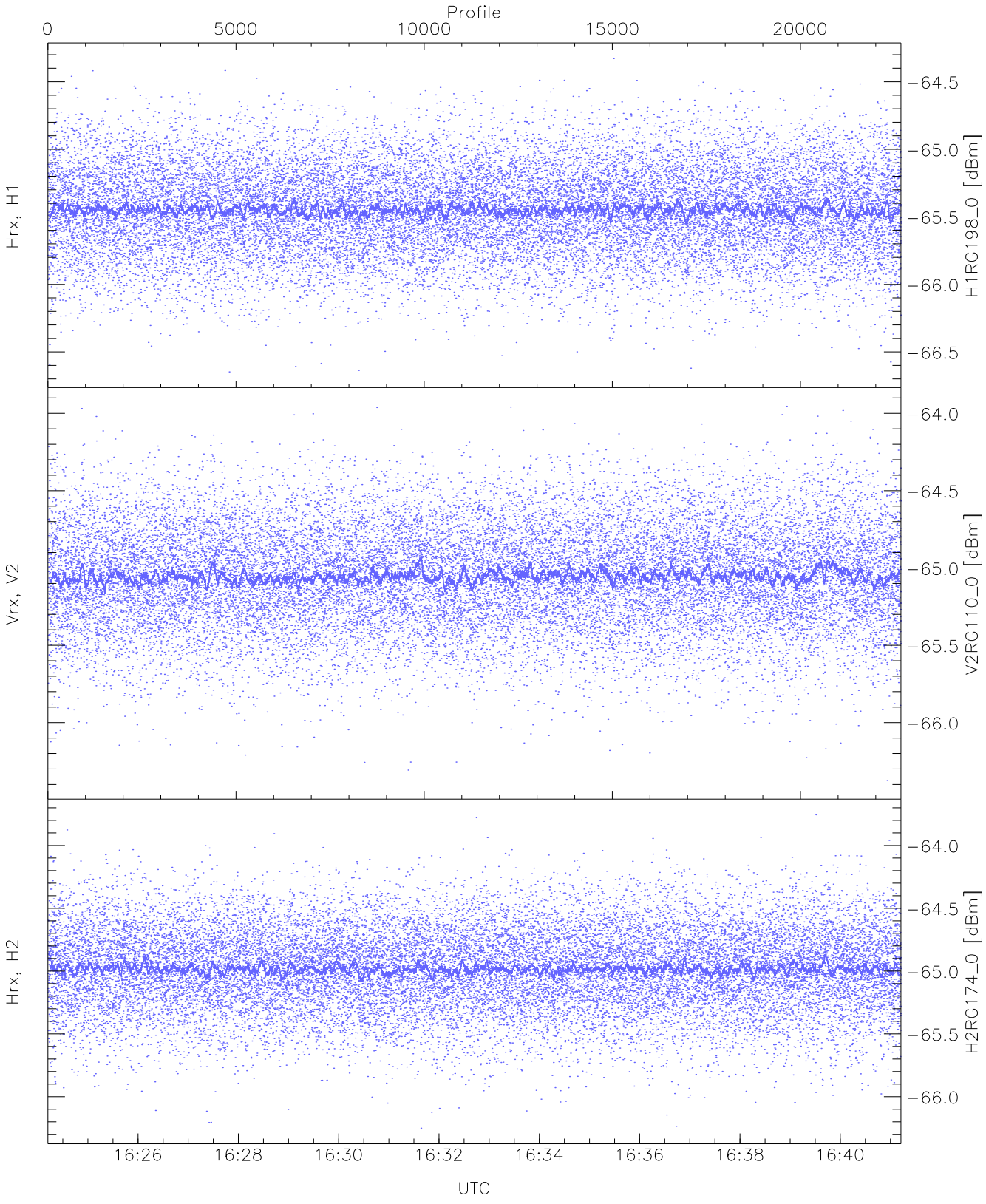
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-66.02	-63.68	-64.77	-64.78	-76.29
Vrx, V2(HL [dBm])	-66.26	-63.79	-64.84	-64.85	-76.35
Hrx, H2(HL [dBm])	-66.02	-63.69	-64.77	-64.78	-76.26



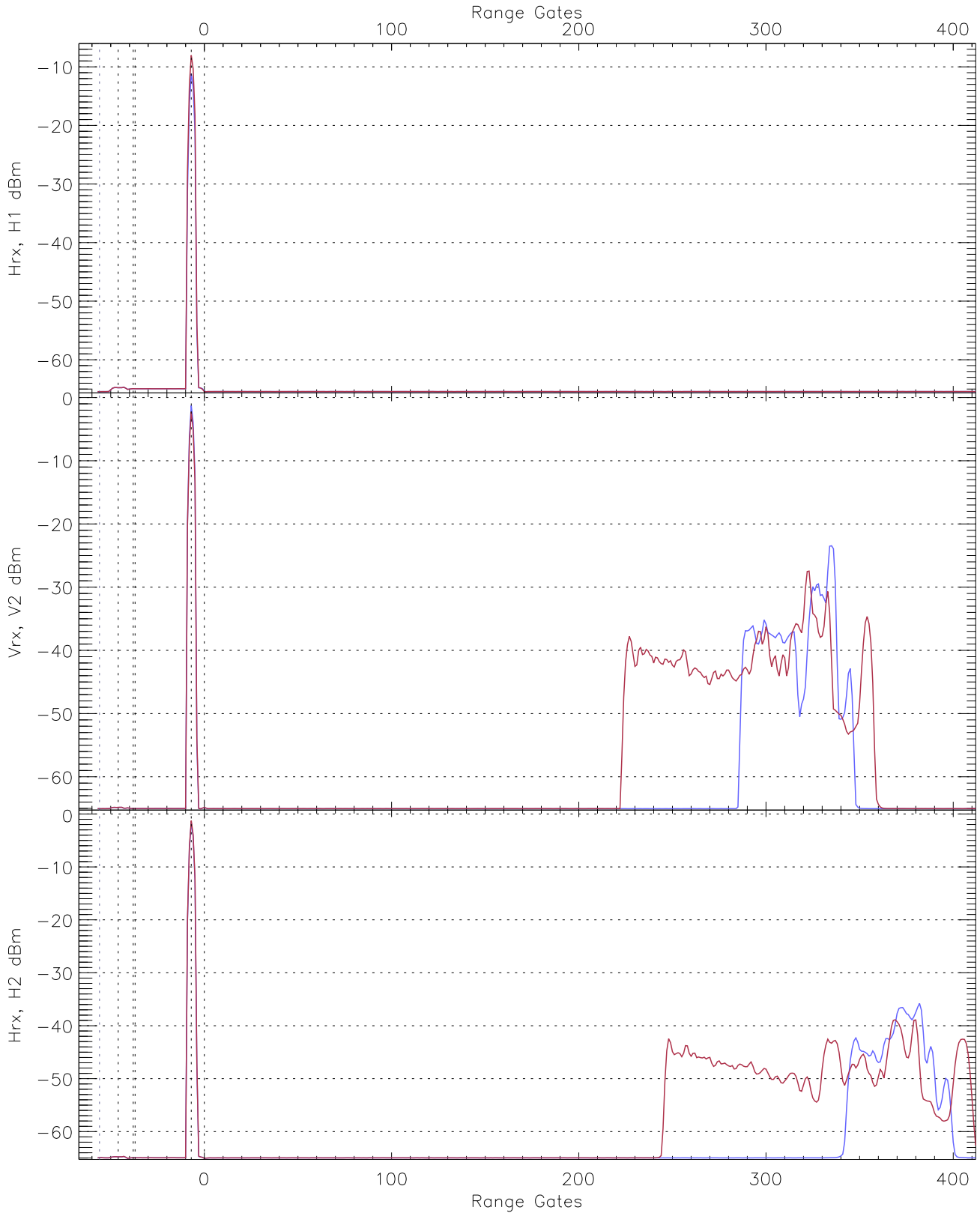
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.68	-64.28	-65.44	-65.45	-76.94
Vrx, V2(RM [dBm])	-66.28	-63.99	-65.04	-65.05	-76.51
Hrx, H2(RM [dBm])	-66.35	-63.69	-64.94	-64.94	-76.45

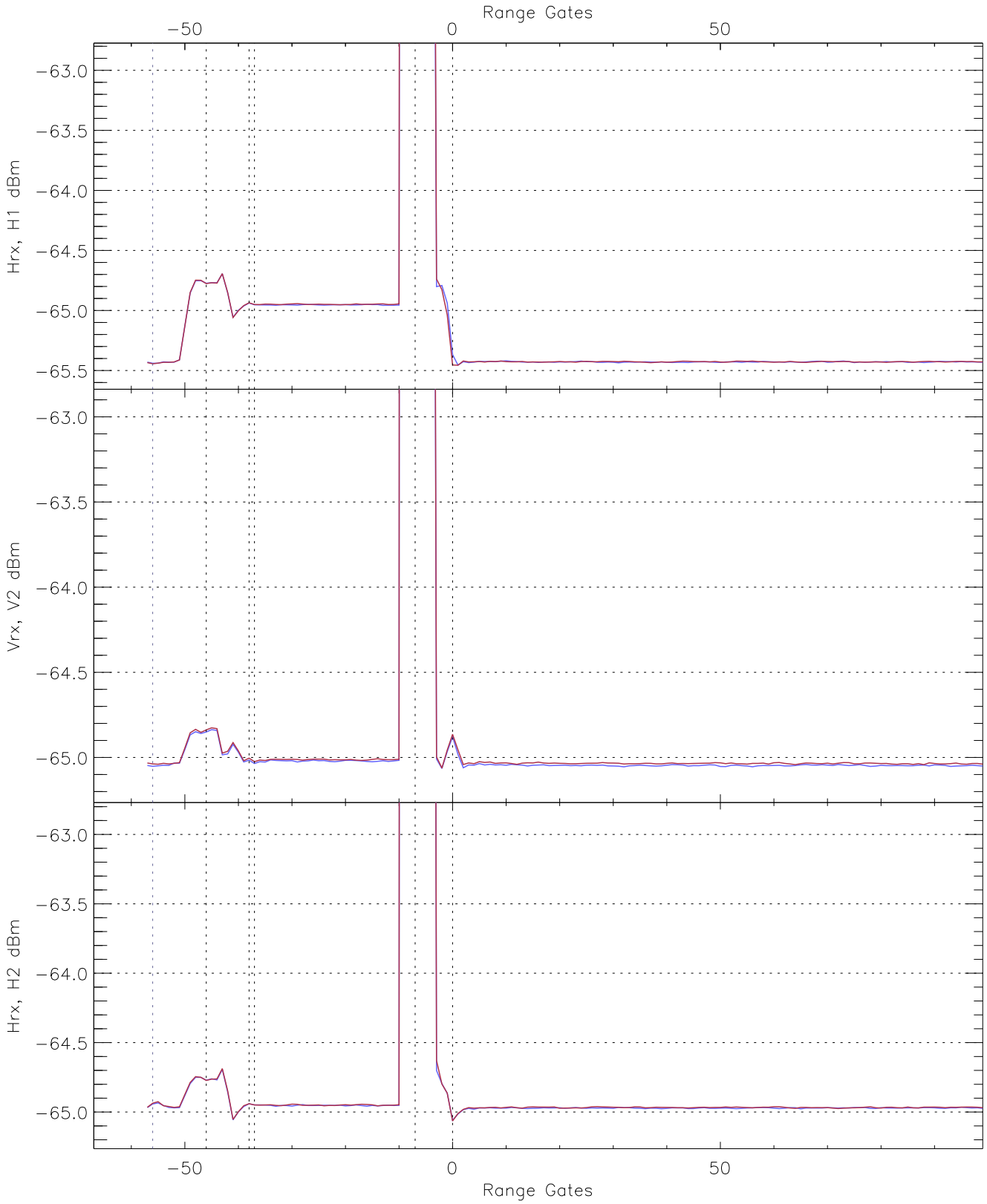


WCR3 CPP "Best" estimate Receivers Noise Power

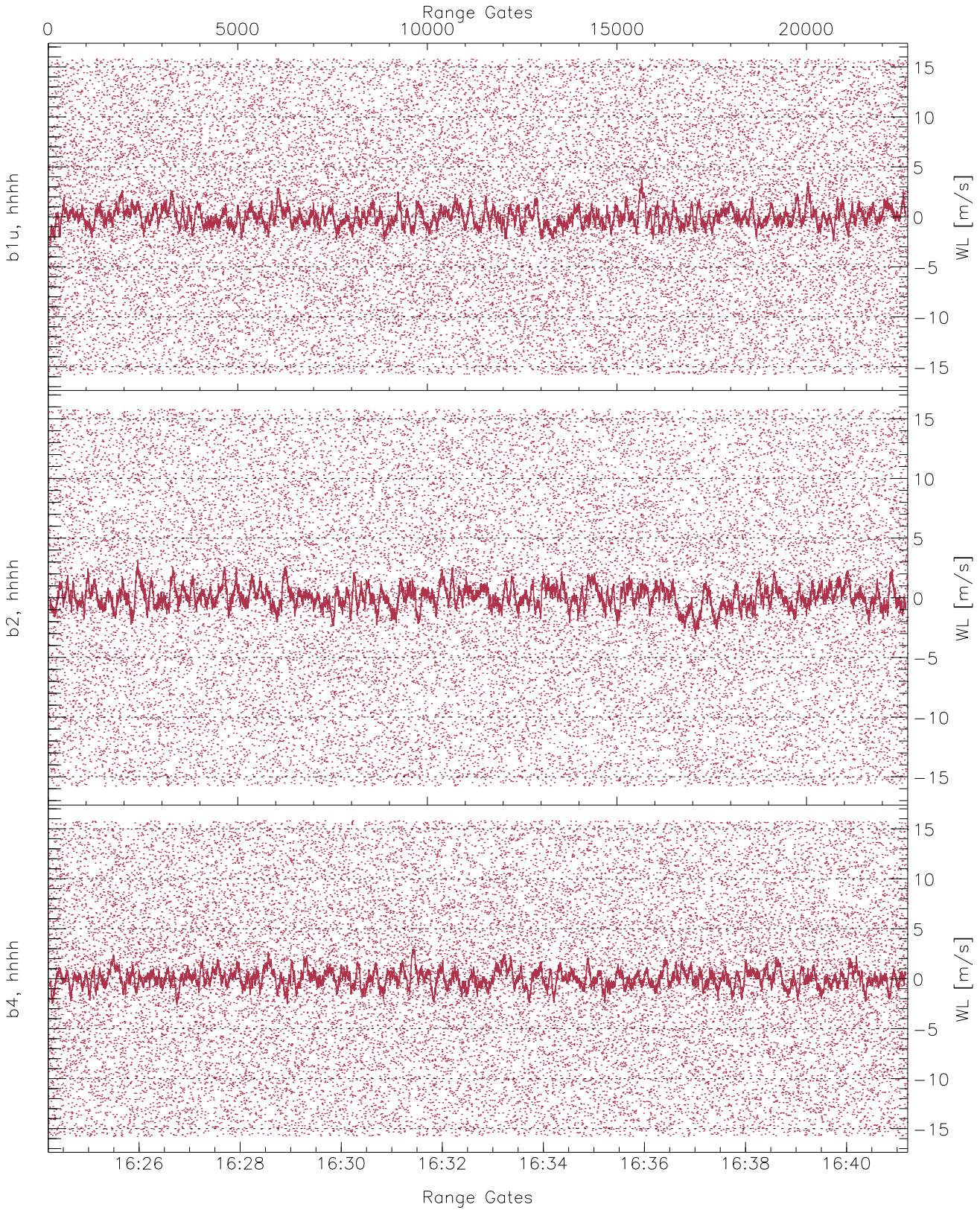
	Min	Max	Mean	Median	StDev
H1RG198_0 [dBm]	-66.65	-64.33	-65.44	-65.45	-76.97
V2RG110_0 [dBm]	-66.37	-63.95	-65.05	-65.05	-76.54
H2RG174_0 [dBm]	-66.25	-63.76	-64.98	-64.98	-76.47



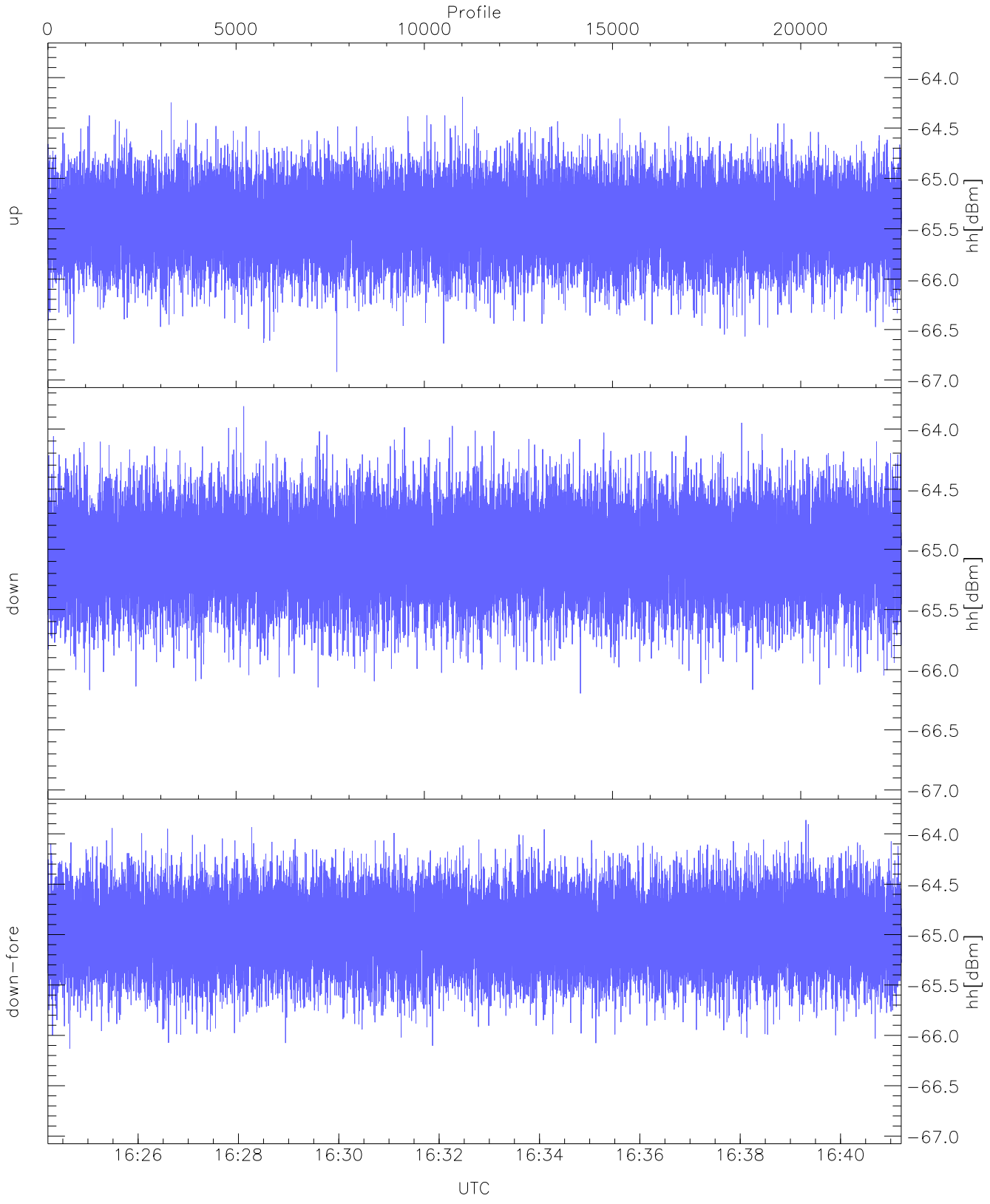
WCR3 CPP Averaged Received power for all recorded gates
blue: 162412-163242, 11337 profiles averaged
red: 163242-164113, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 162412-163242, 11337 profiles averaged
red: 163242-164113, 11336 profiles averaged

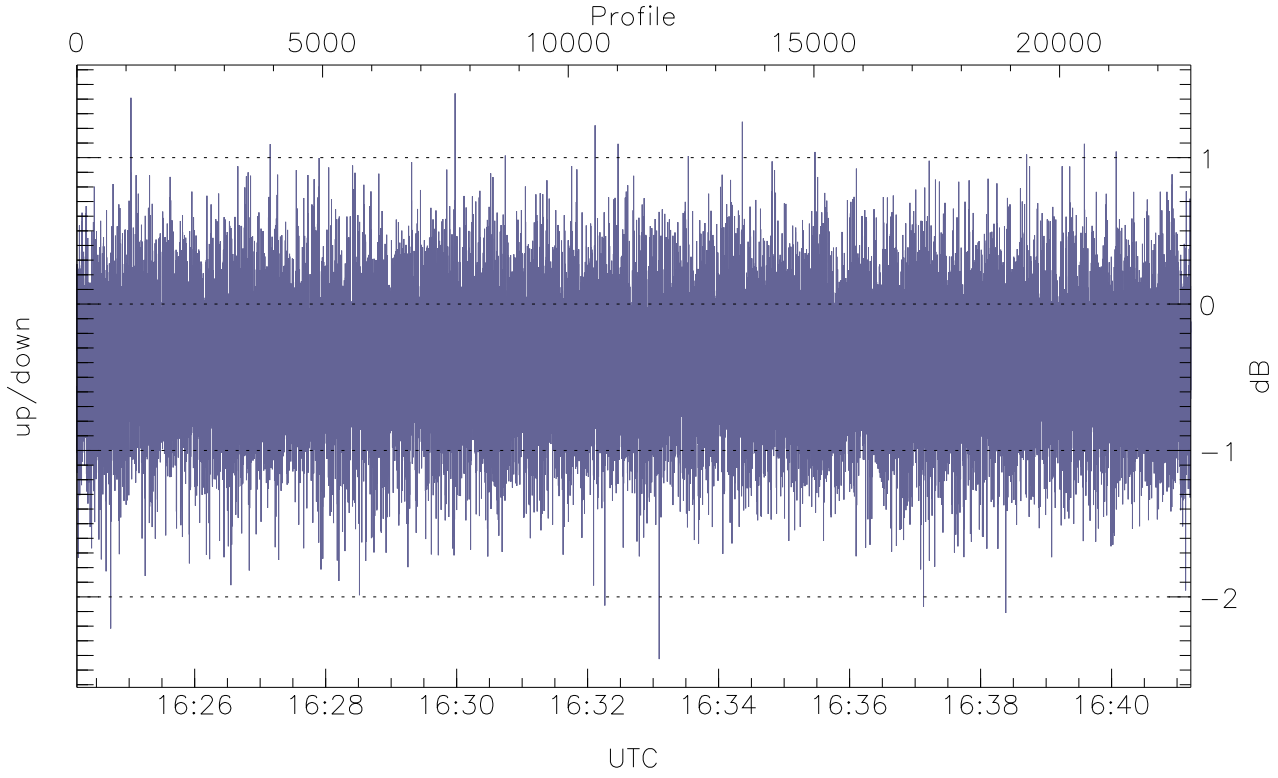


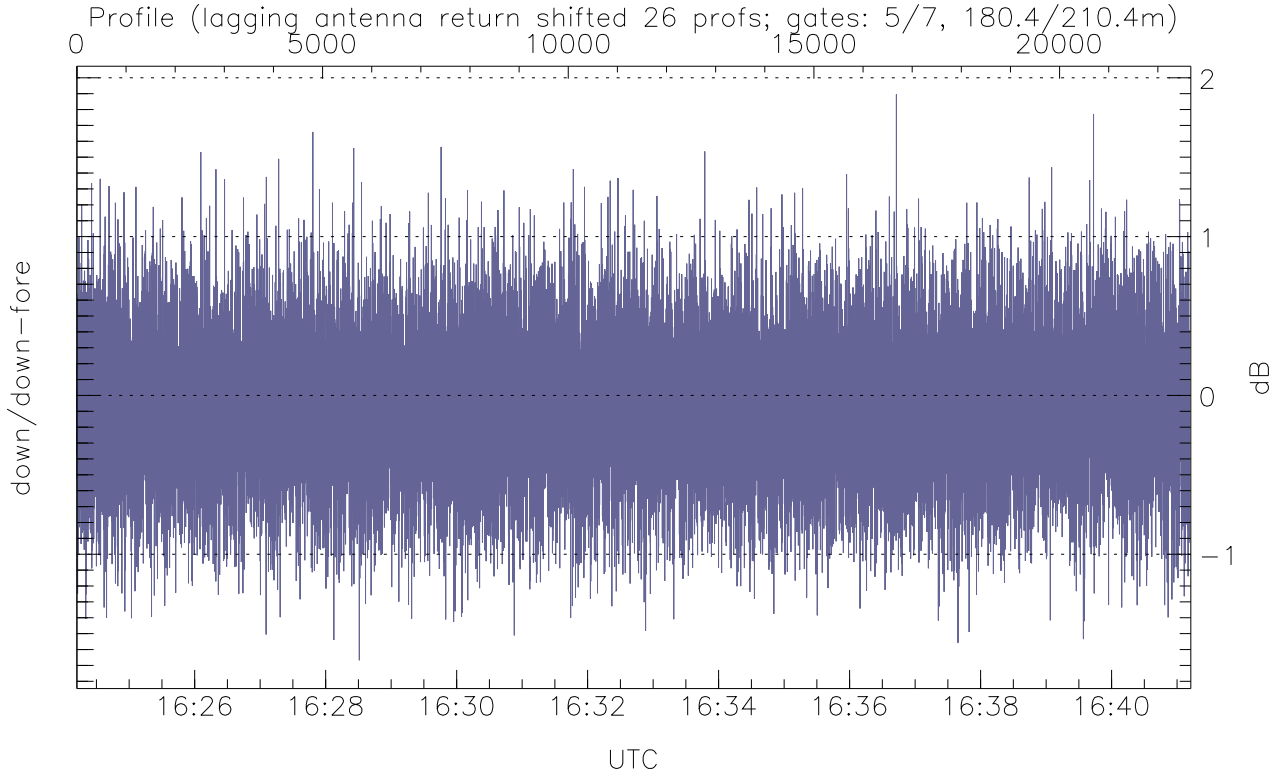
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

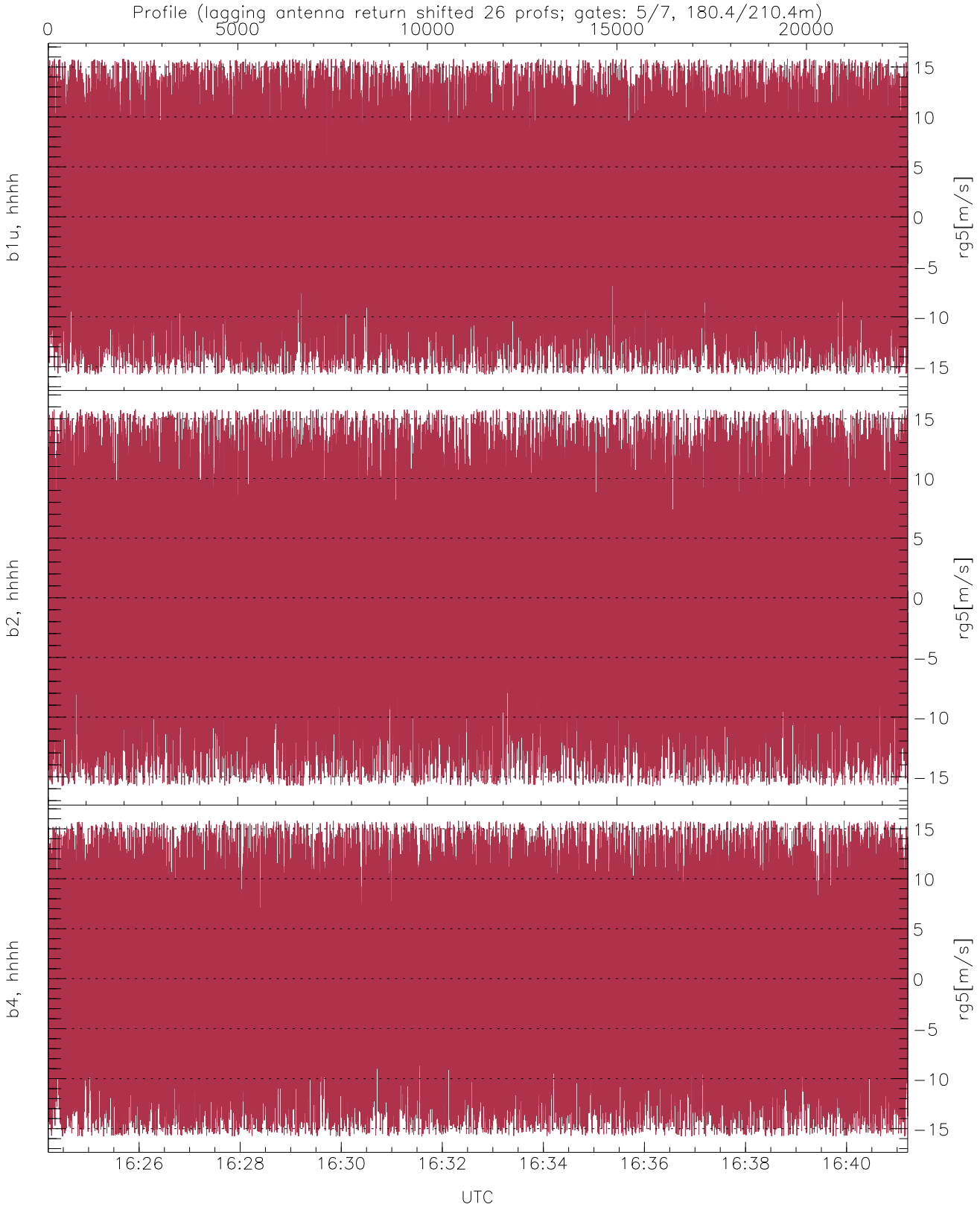
	Min	Max	Mean
up(hh[dBm])	-66.92	-64.19	-65.42
down(hh[dBm])	-66.20	-63.81	-65.03
down-fore(hh[dBm])	-66.13	-63.86	-64.97





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

	Min	Max	Mean
up/down(dB)	-2.42	1.44	-0.39
down/down-fore(dB)	-1.67	1.89	-0.06



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	0.00	8.69
b2, hhhh(rg5[m/s])	-15.78	15.79	-0.10	8.54
b4, hhhh(rg5[m/s])	-15.78	15.79	-0.12	8.74