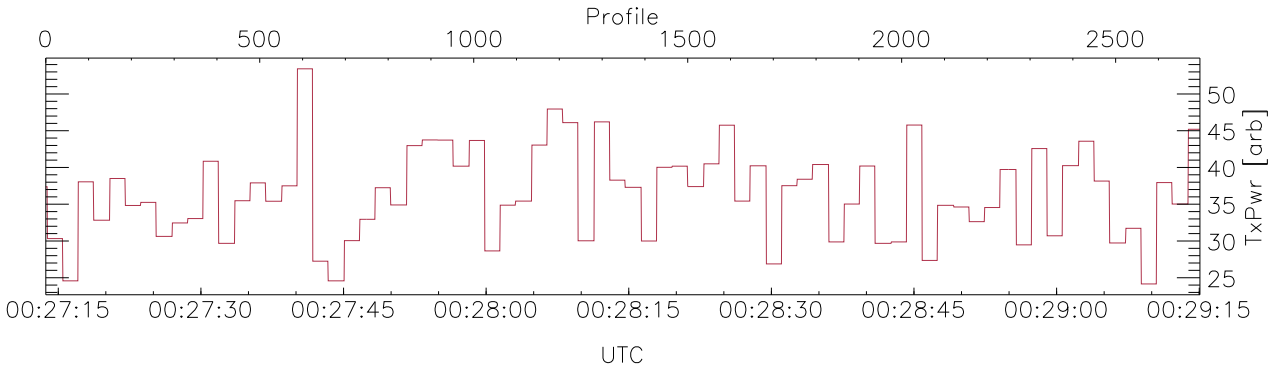
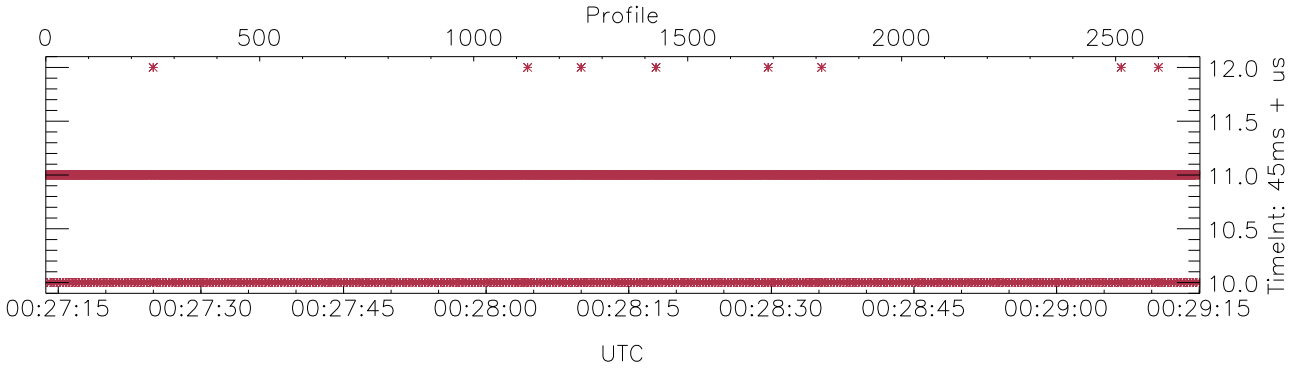
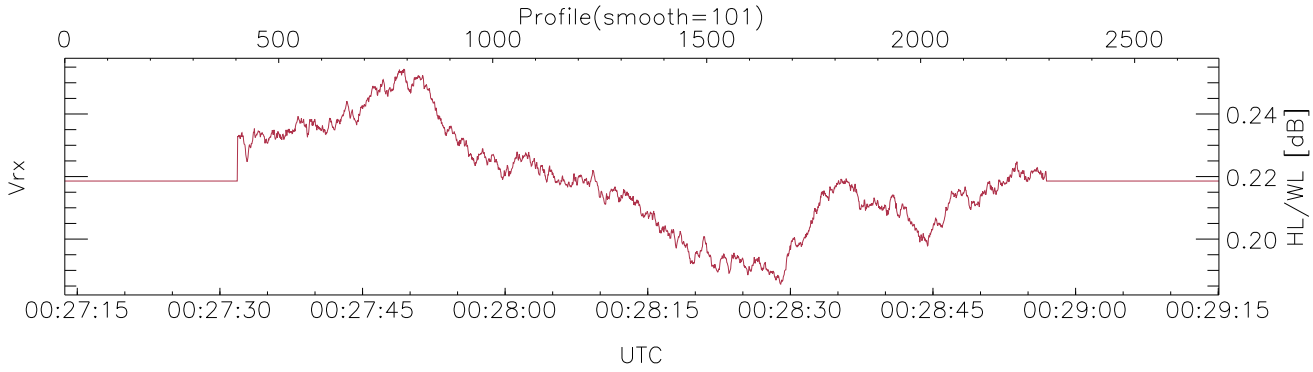
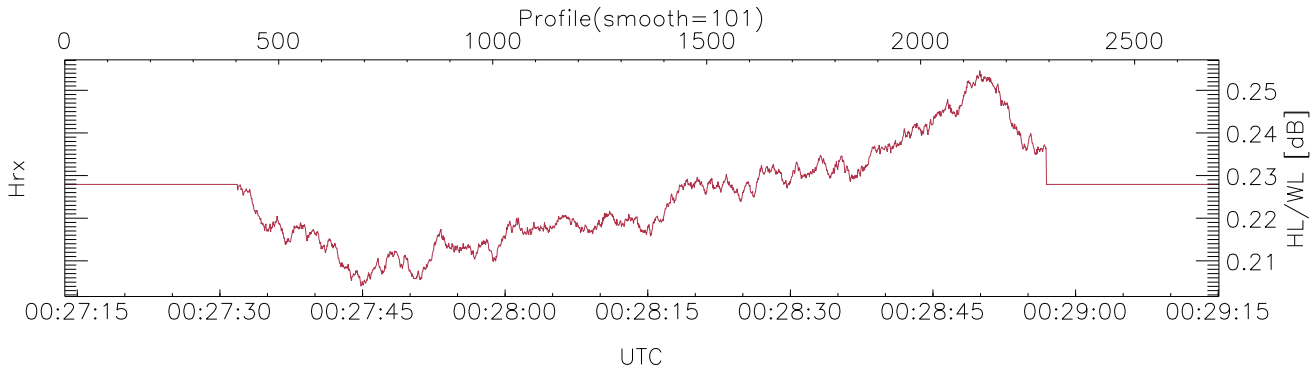


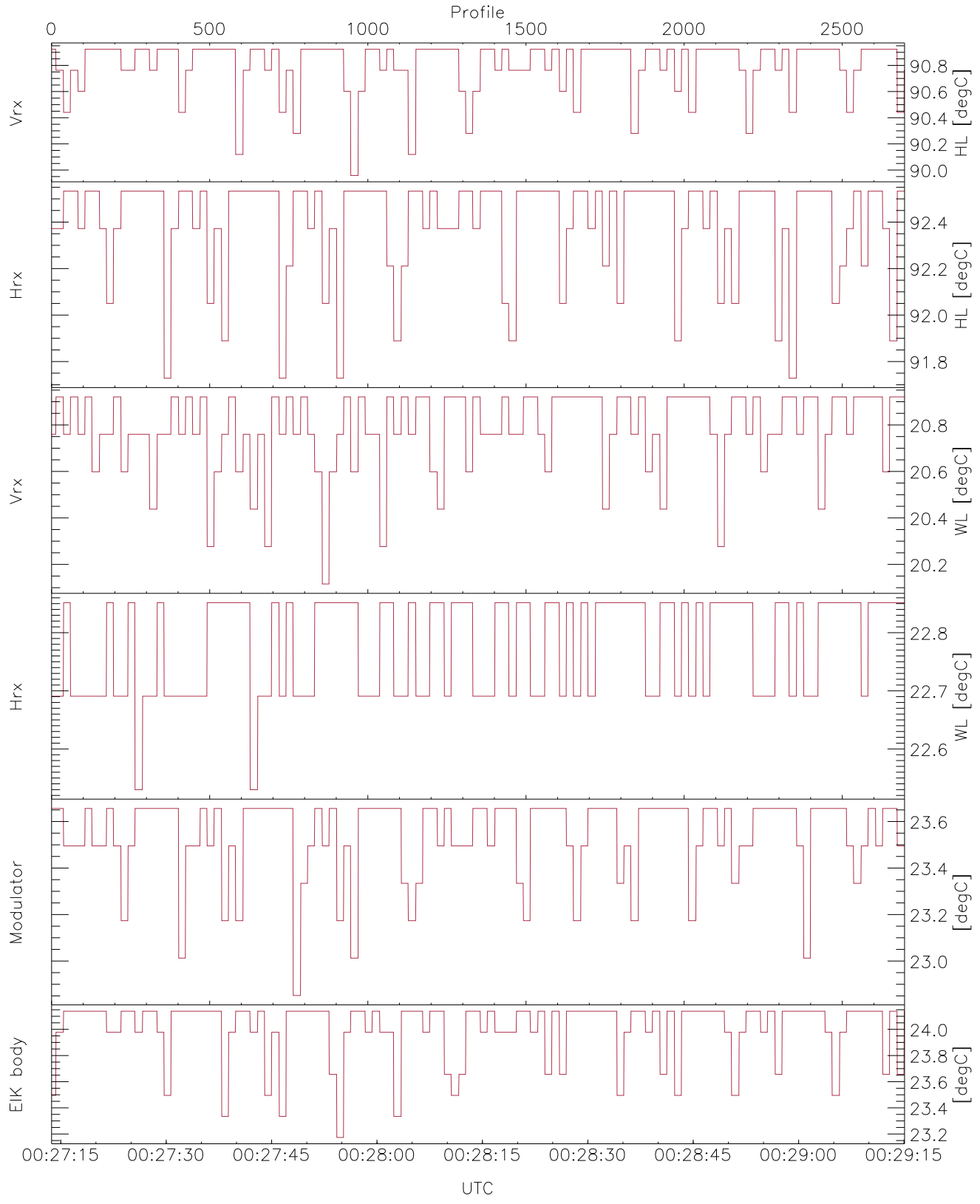






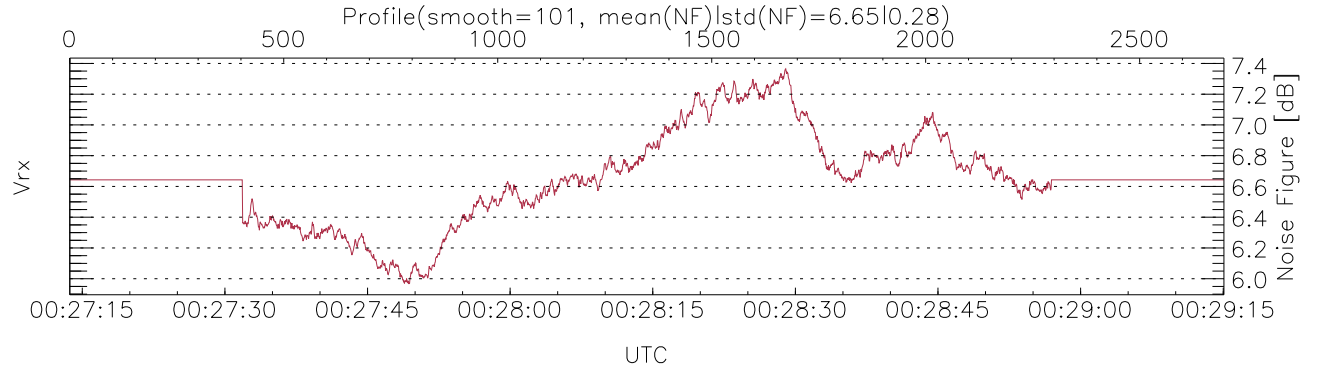
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

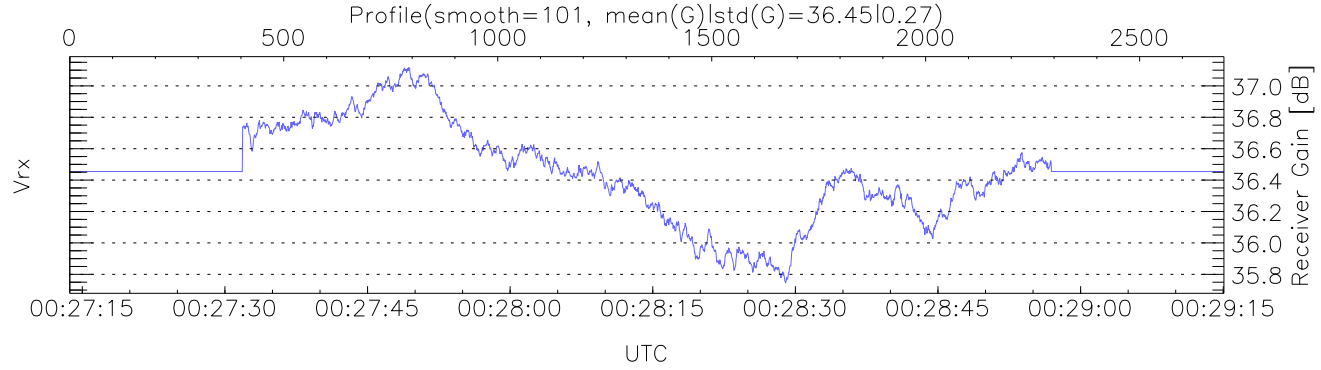
UTC: 00:27:14-00:29:15, TimeCor: 0.00s, Dur: 121.40s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
NumRec(r/t): 2698/2698, 0-2697/00:27:14-00:29:15
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: H1 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

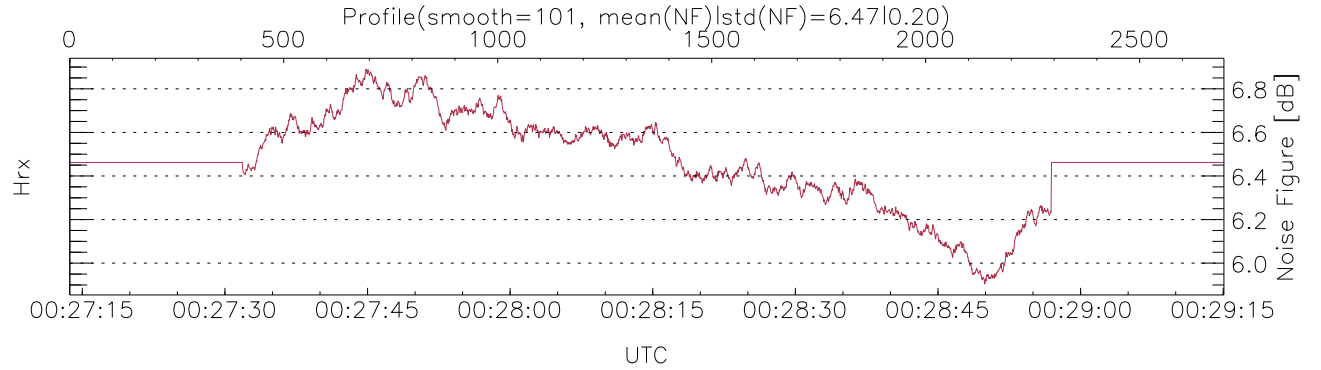


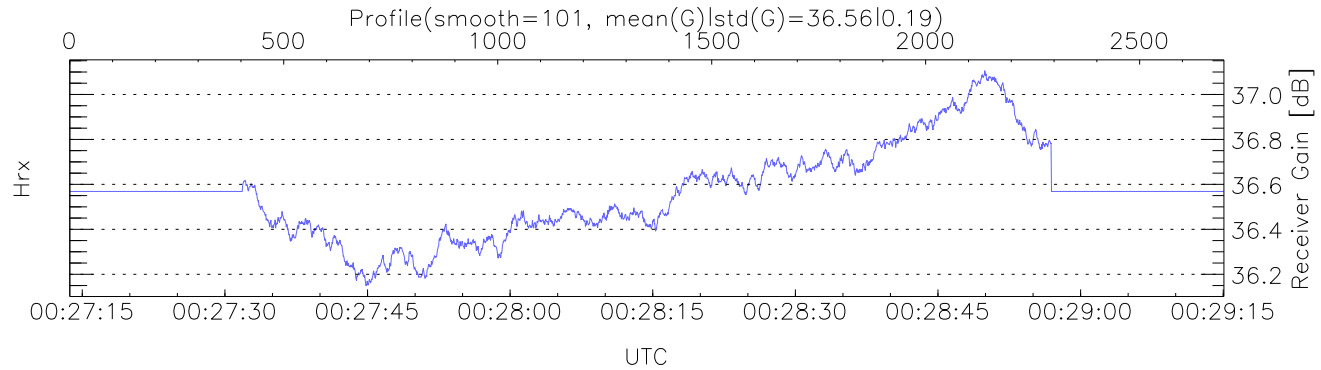
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 89,91,20,22,22,23
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,20,22,23,24
LOalarm(20,240,2817,14861 MHz): None
EIK/Modulator Faults: None



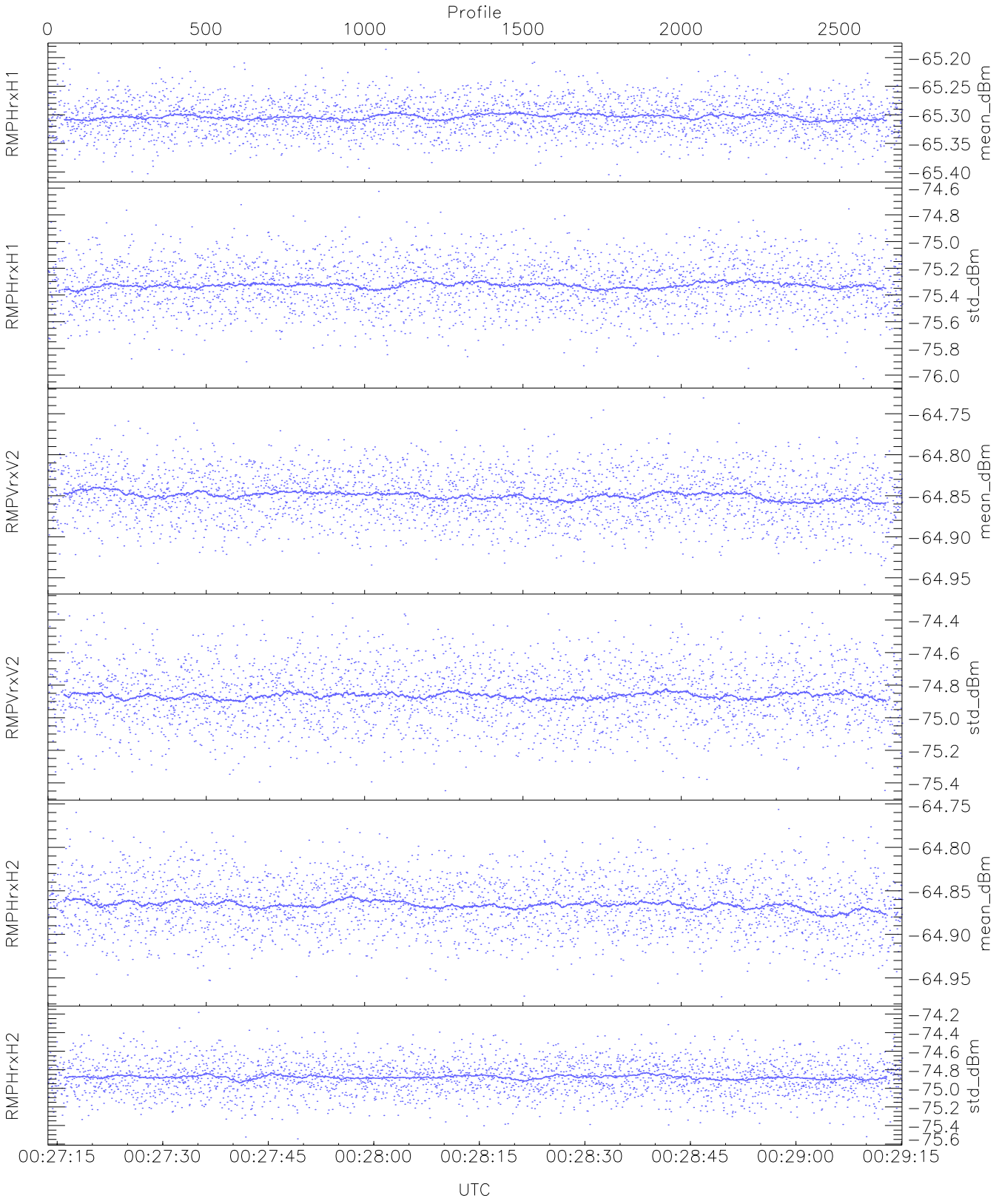






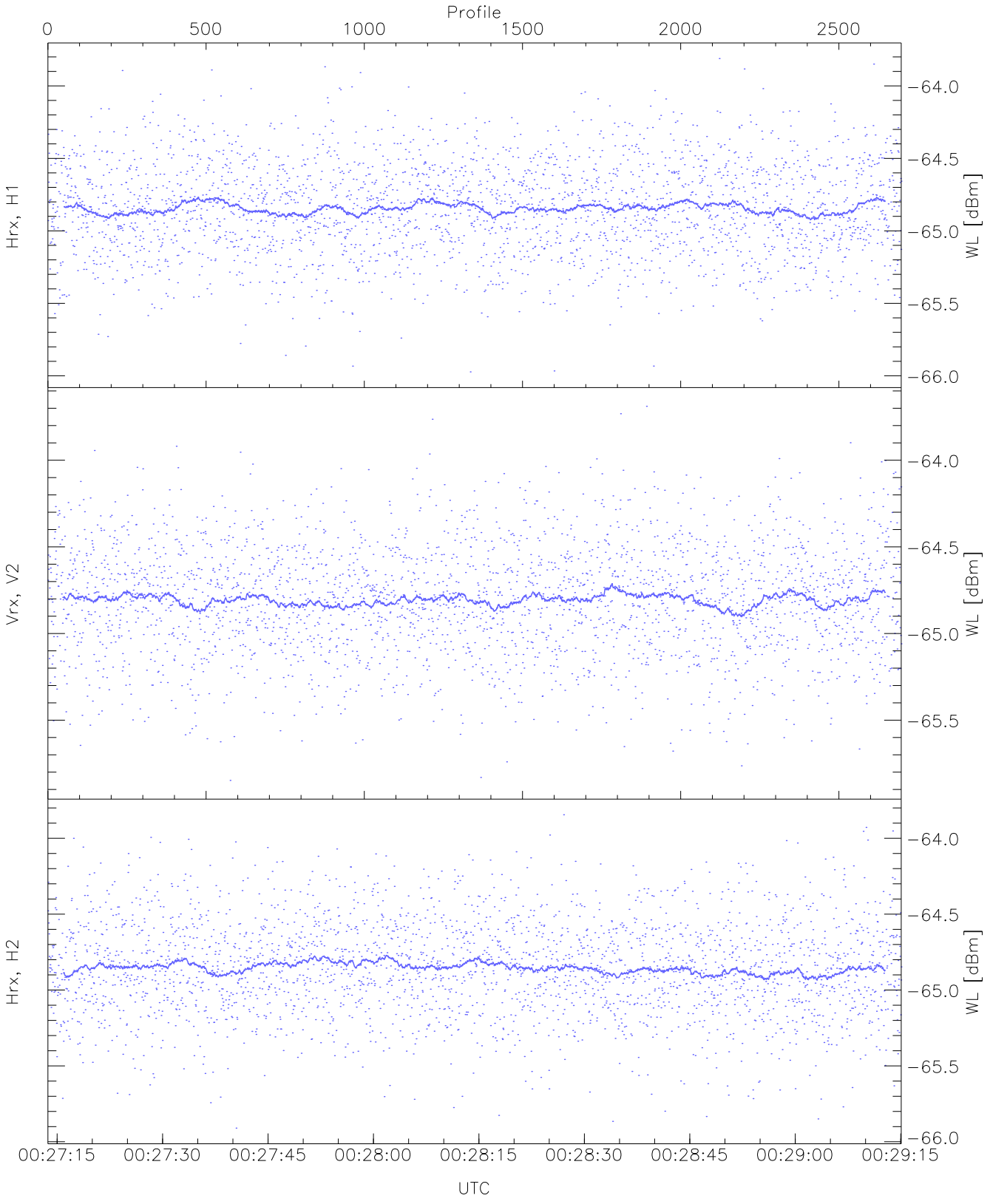
WCR3 CPP Receivers Gain and Noise Figure

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



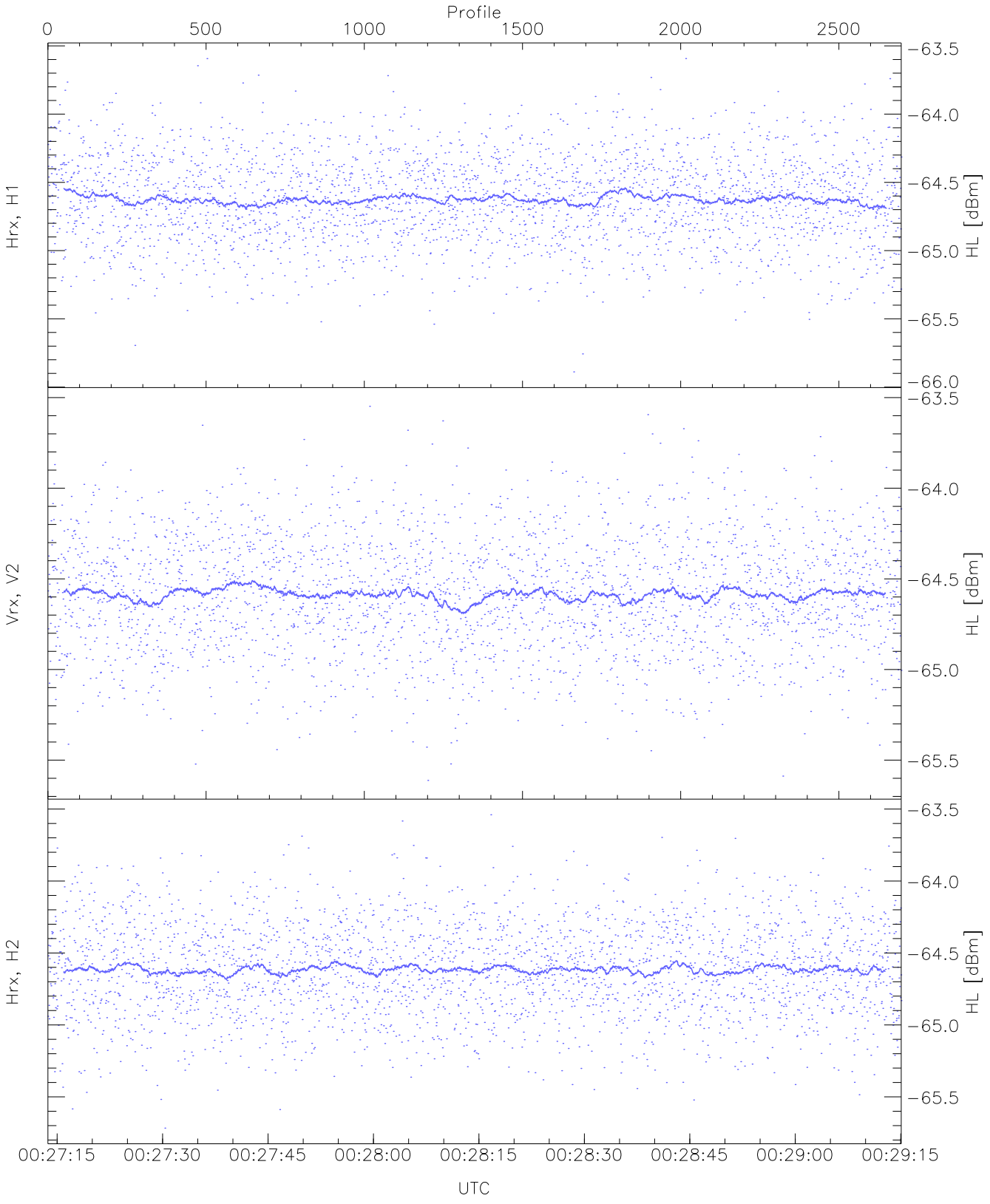
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.41	-65.19	-65.30	-65.30	-86.88
RMPHrxH1(std_dBm)	-76.03	-74.62	-75.33	-75.33	-89.11
RMPVrxV2(mean_dBm)	-64.96	-64.73	-64.85	-64.85	-86.48
RMPVrxV2(std_dBm)	-75.45	-74.30	-74.86	-74.87	-88.68
RMPHrxH2(mean_dBm)	-64.97	-64.76	-64.87	-64.87	-86.41
RMPHrxH2(std_dBm)	-75.54	-74.18	-74.88	-74.88	-88.72



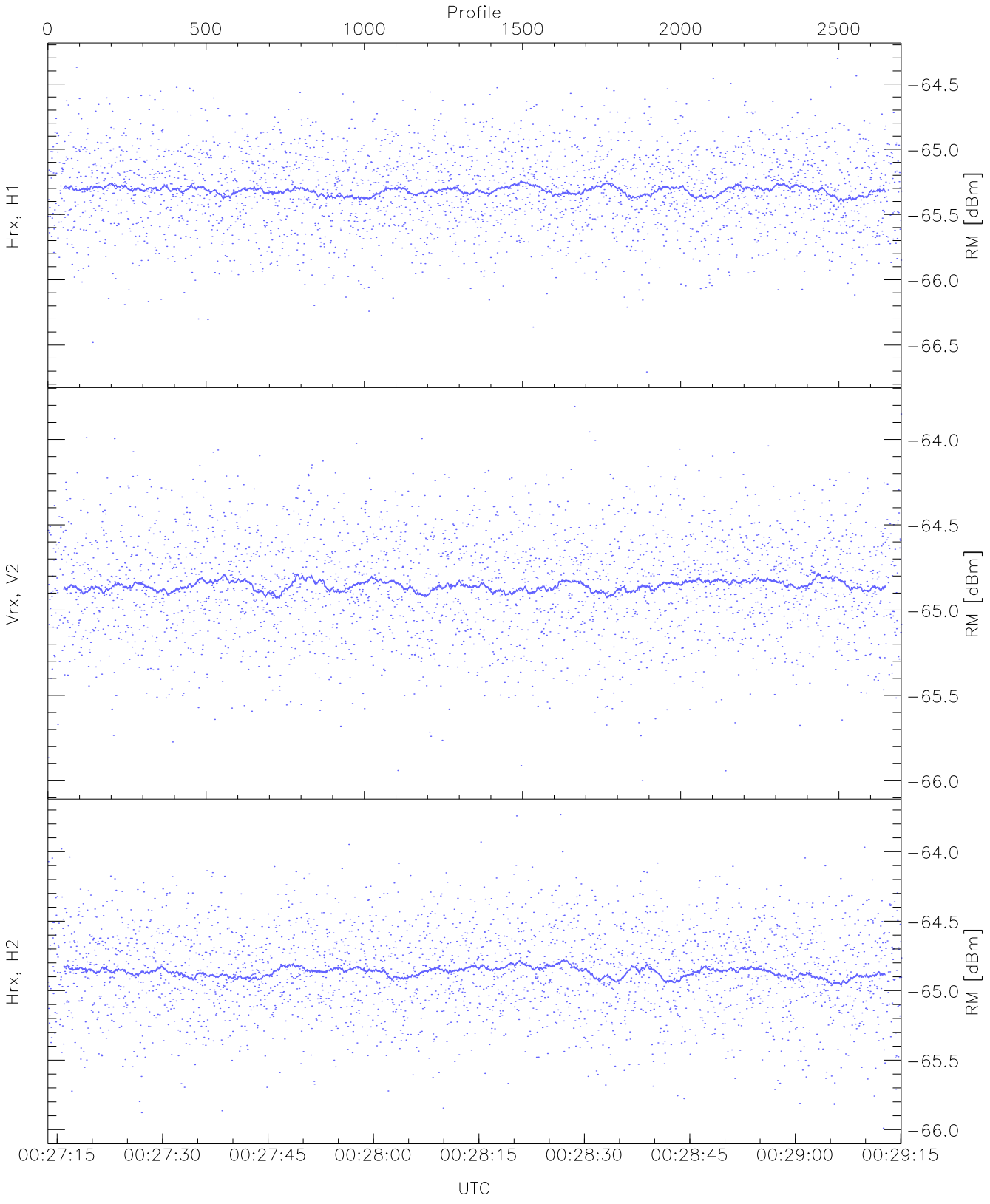
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-65.97	-63.81	-64.84	-64.84	-76.29
Vrx, V2(WL [dBm])	-65.85	-63.69	-64.80	-64.80	-76.28
Hrx, H2(WL [dBm])	-65.91	-63.85	-64.84	-64.86	-76.32



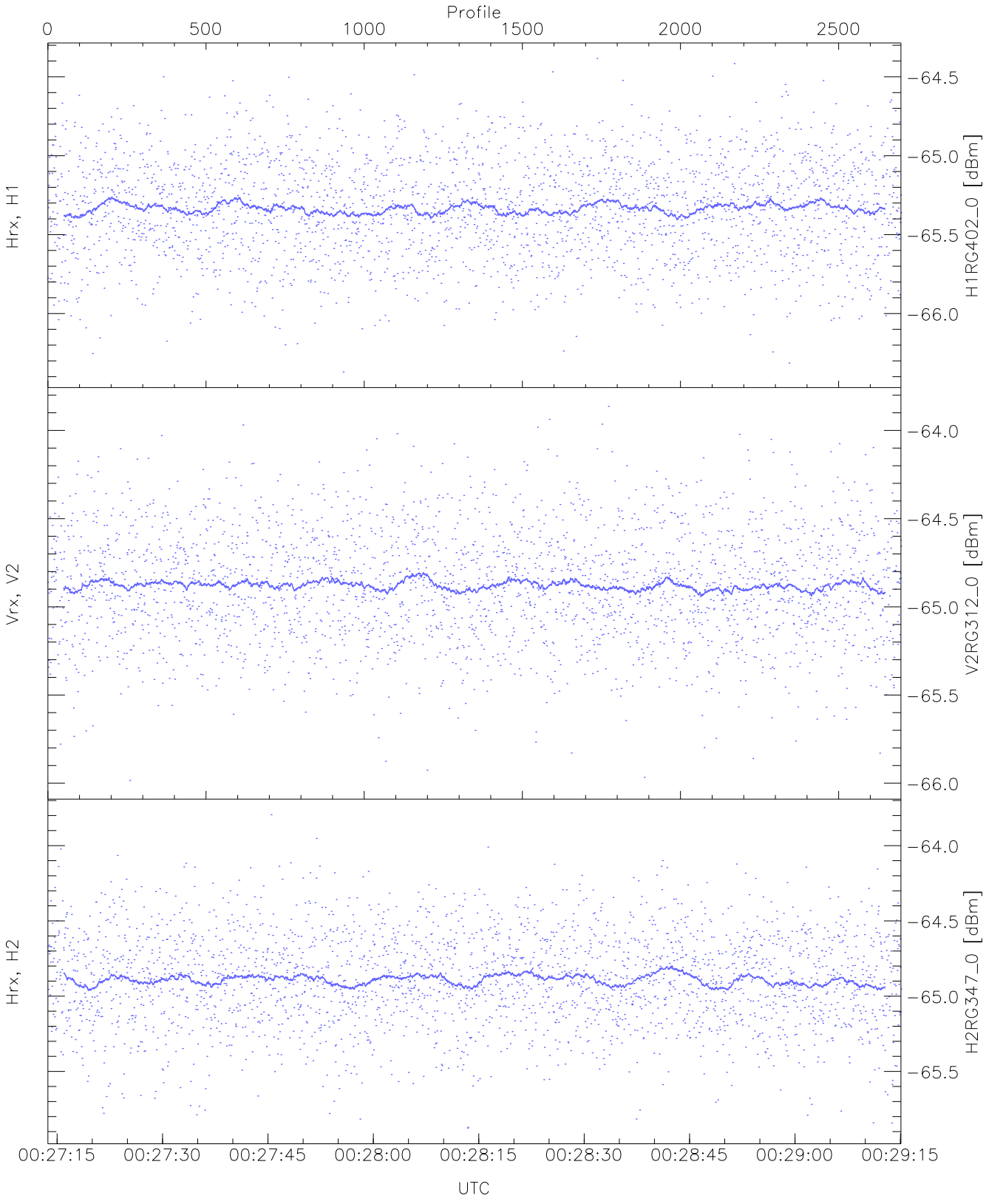
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.89	-63.59	-64.61	-64.62	-76.10
Vrx, V2(HL [dBm])	-65.61	-63.55	-64.58	-64.59	-76.09
Hrx, H2(HL [dBm])	-65.72	-63.54	-64.61	-64.61	-76.03



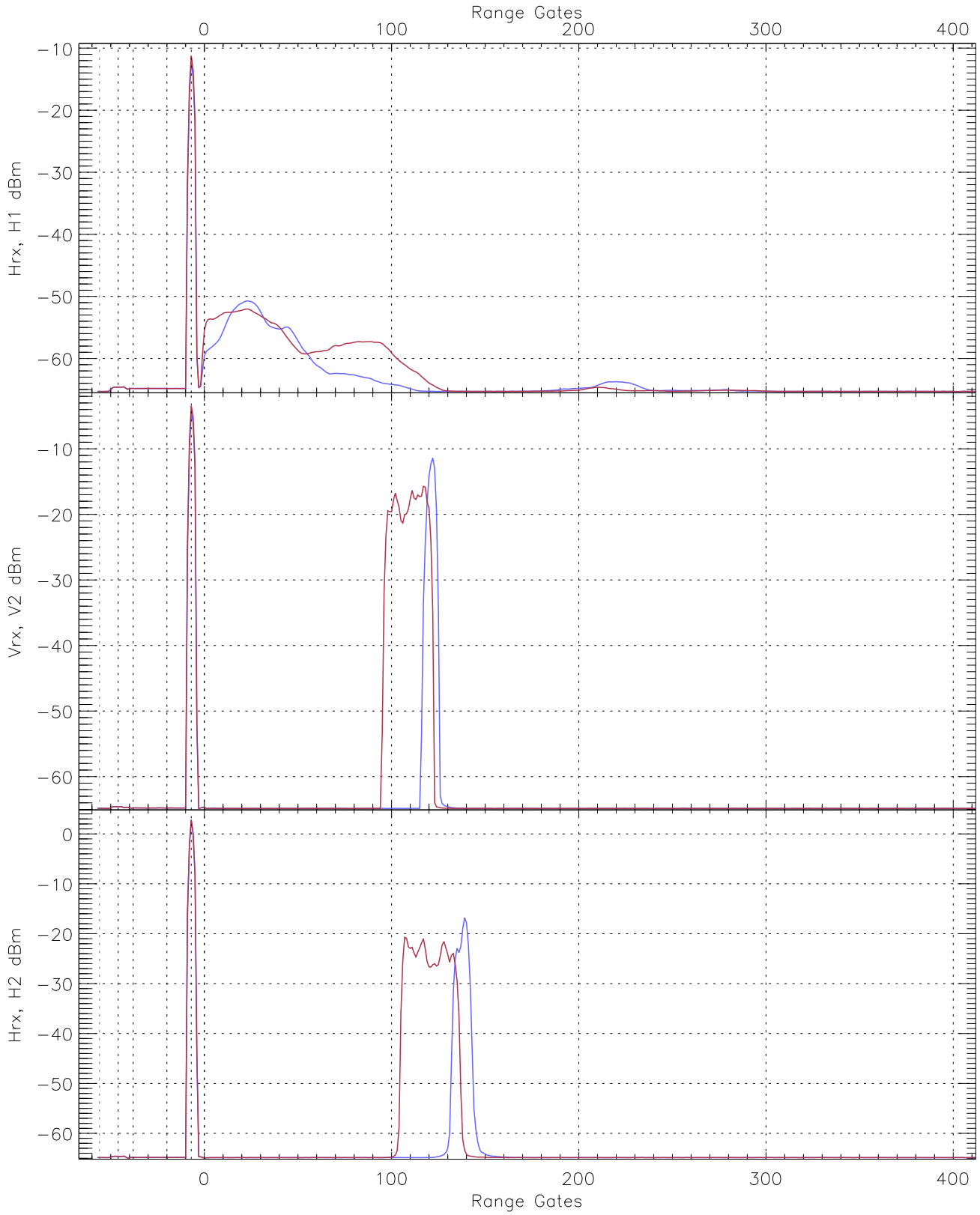
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.71	-64.31	-65.31	-65.31	-76.79
Vrx, V2(RM [dBm])	-66.00	-63.81	-64.85	-64.85	-76.39
Hrx, H2(RM [dBm])	-65.99	-63.73	-64.86	-64.87	-76.31

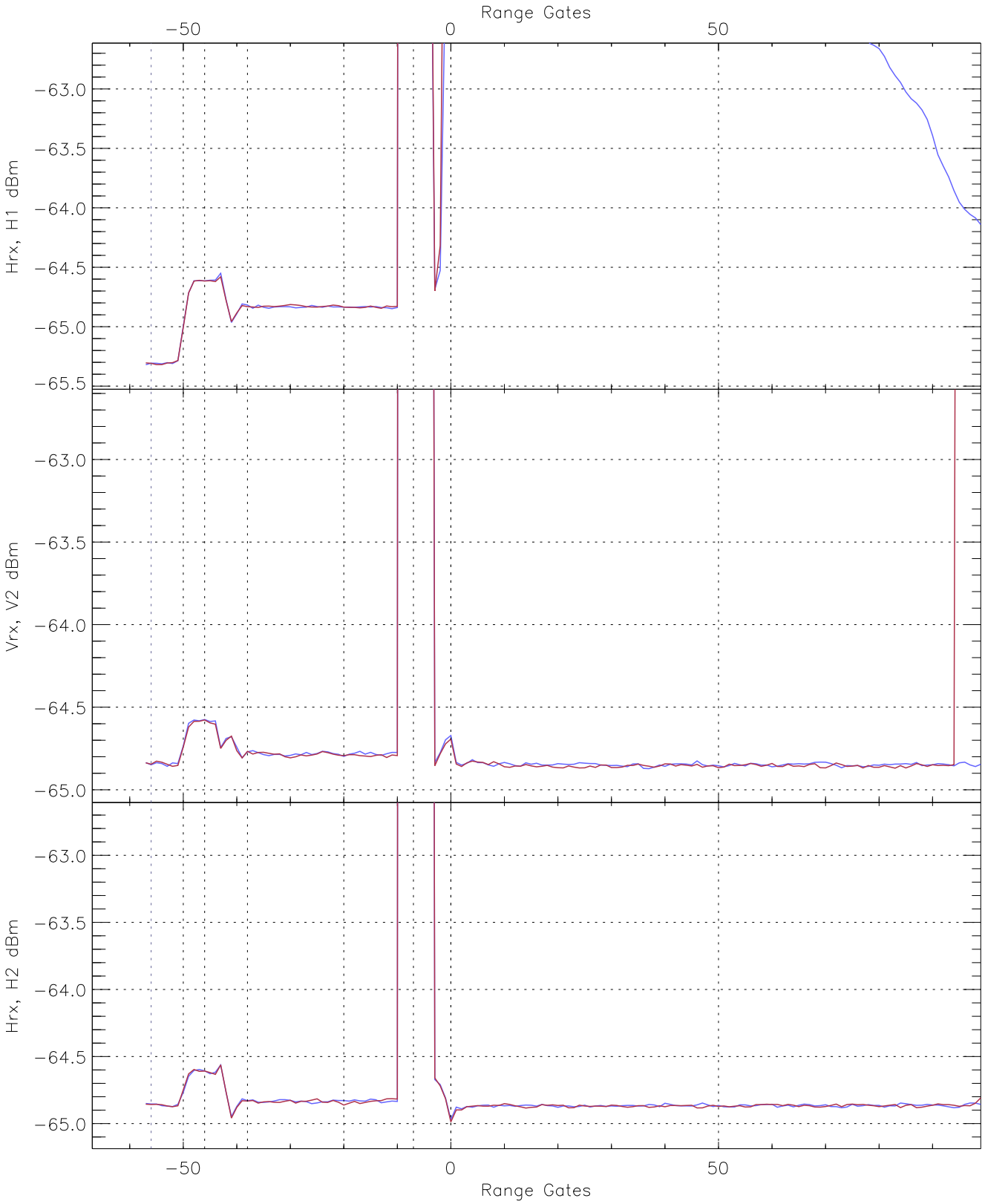


WCR3 CPP "Best" estimate Receivers Noise Power

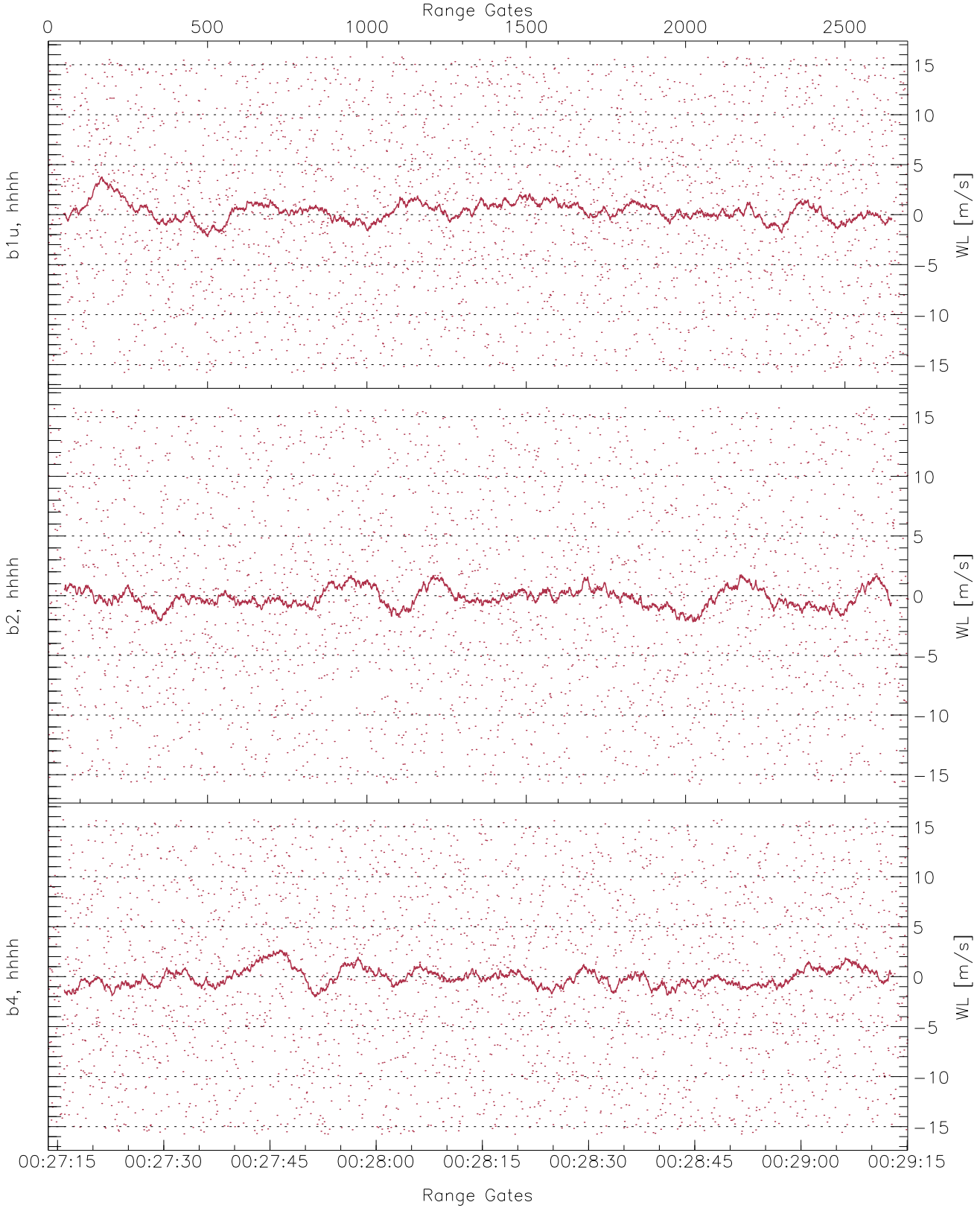
	Min	Max	Mean	Median	StDev
H1RG402_0 [dBm]	-66.37	-64.38	-65.33	-65.33	-76.89
V2RG312_0 [dBm]	-65.98	-63.86	-64.87	-64.88	-76.38
H2RG347_0 [dBm]	-65.88	-63.79	-64.88	-64.89	-76.47



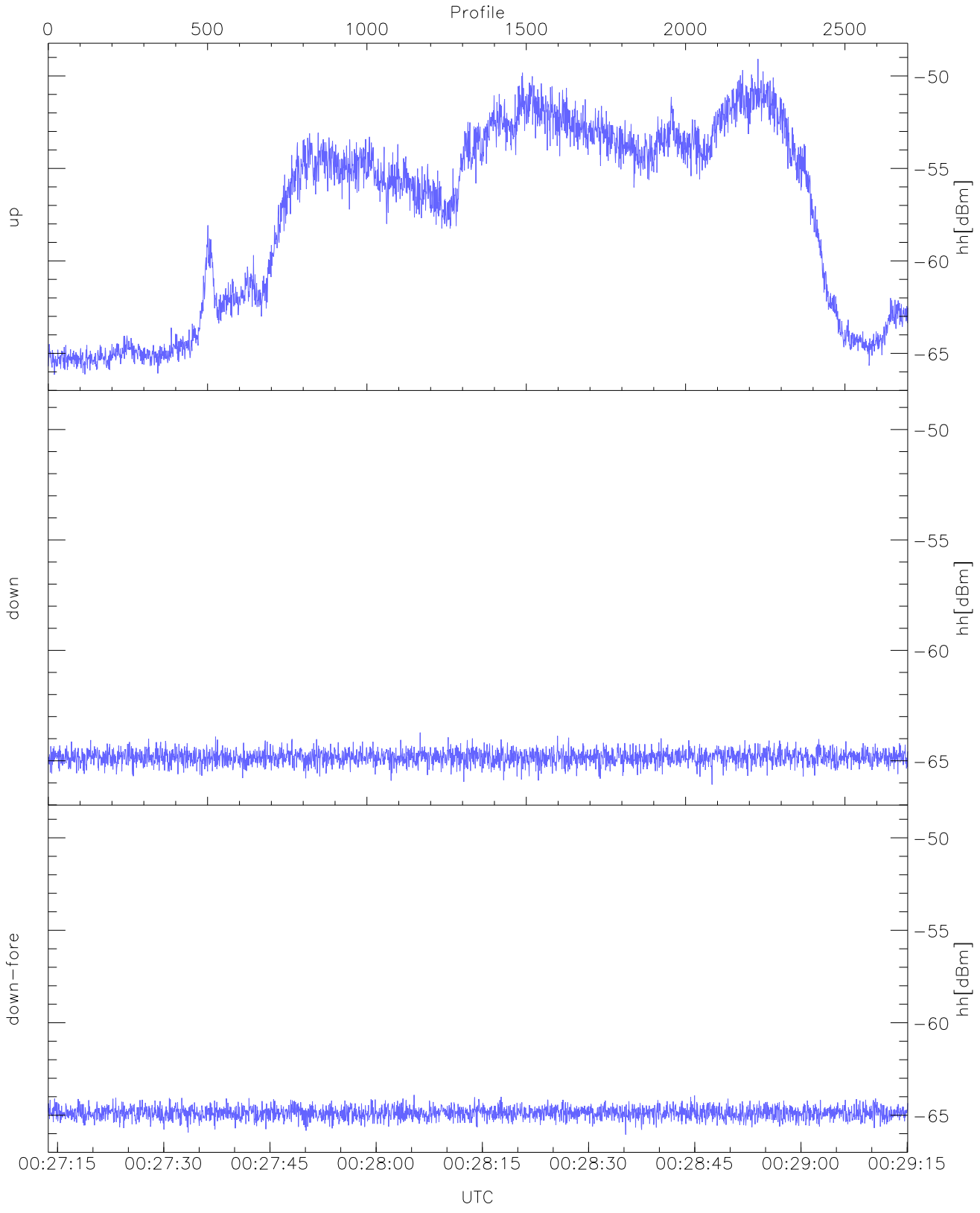
WCR3 CPP Averaged Received power for all recorded gates
blue: 002714-002814, 1350 profiles averaged
red: 002814-002915, 1349 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 002714-002814, 1350 profiles averaged
red: 002814-002915, 1349 profiles averaged

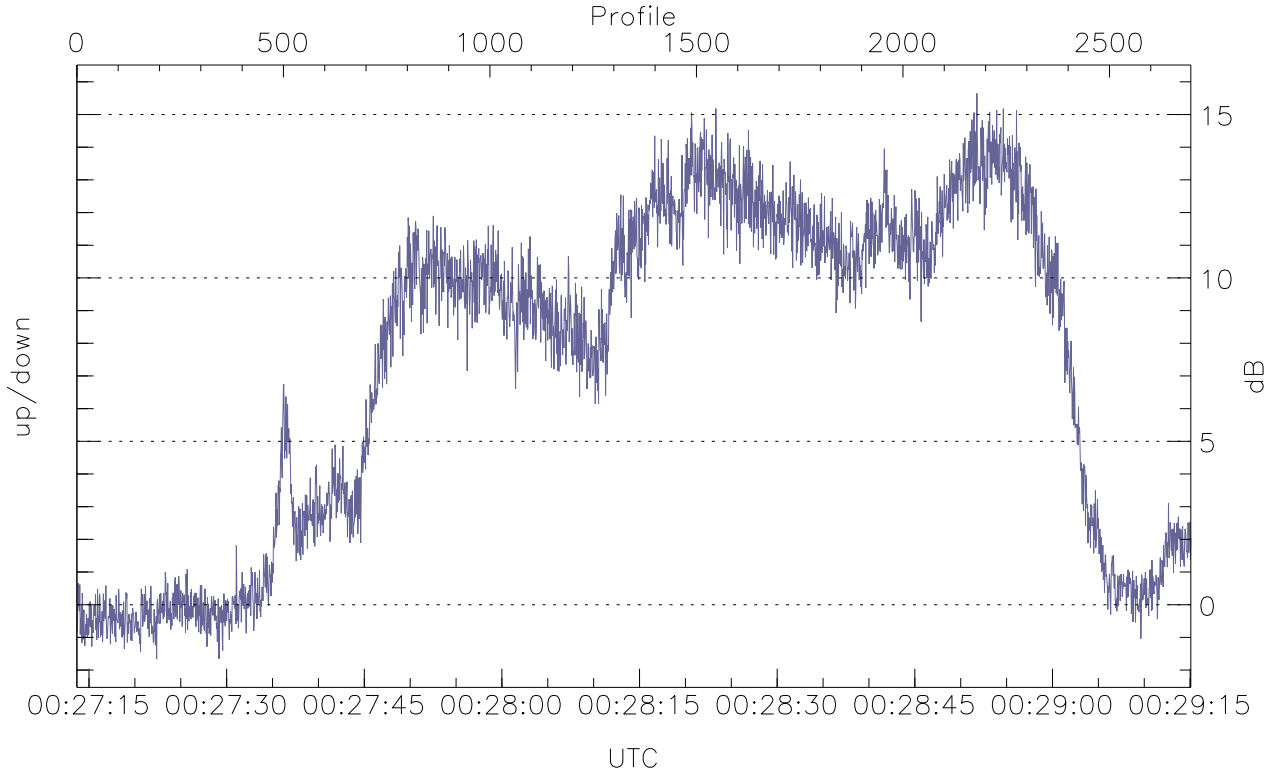


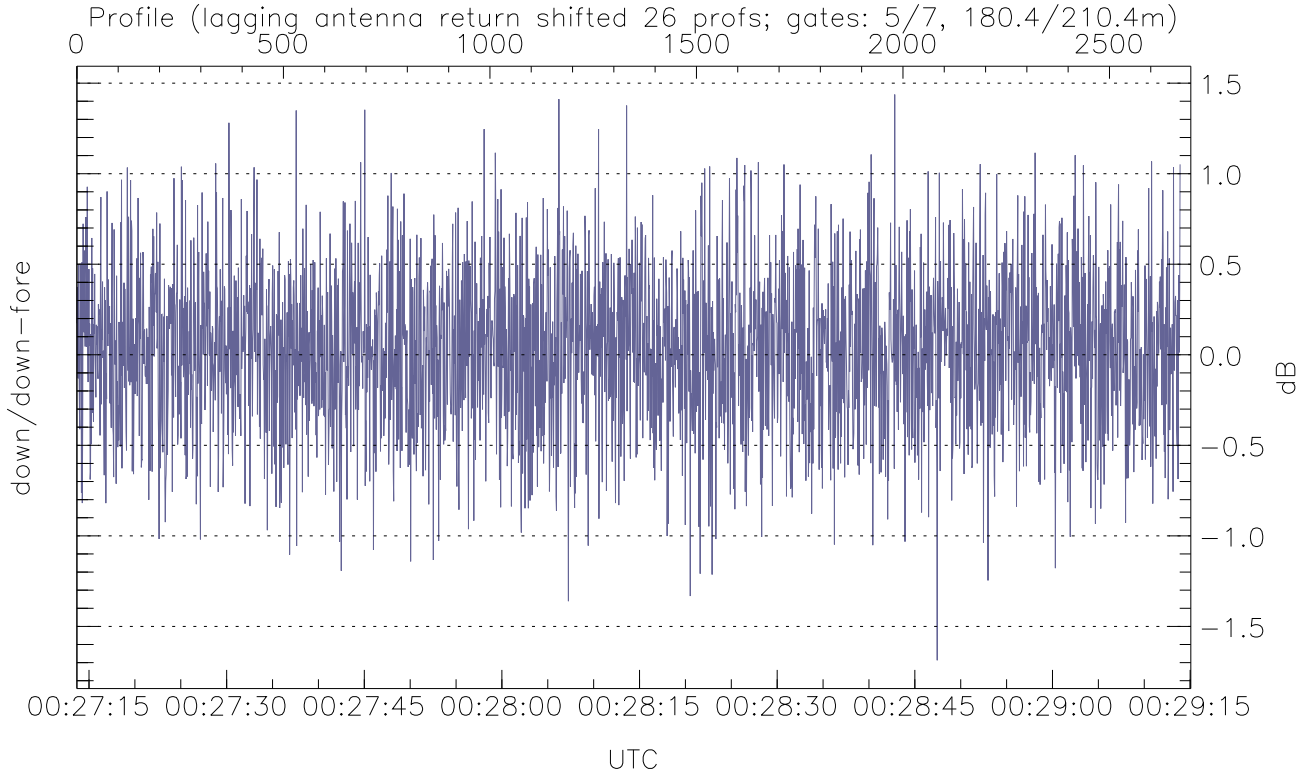
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

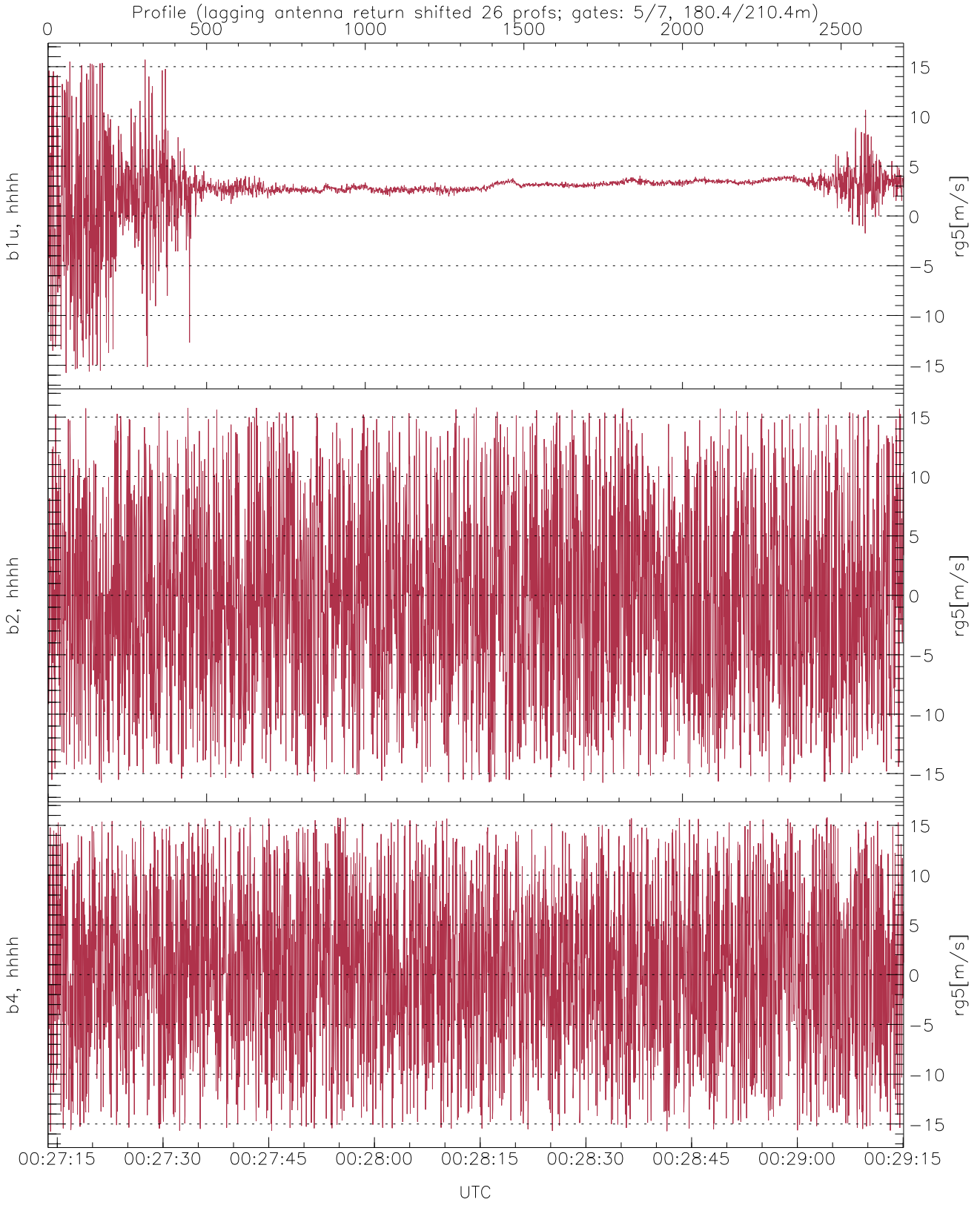
	Min	Max	Mean
up(hh[dBm])	-66.15	-49.08	-55.27
down(hh[dBm])	-66.08	-63.72	-64.83
down-fore(hh[dBm])	-66.05	-63.90	-64.87





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

	Min	Max	Mean
up/down(dB)	-1.66	15.65	7.33
down/down-fore(dB)	-1.69	1.44	0.03



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.76	15.70	2.79	2.84
b2, hhhh(rg5[m/s])	-15.76	15.79	-0.35	8.27
b4, hhhh(rg5[m/s])	-15.77	15.79	0.32	8.35