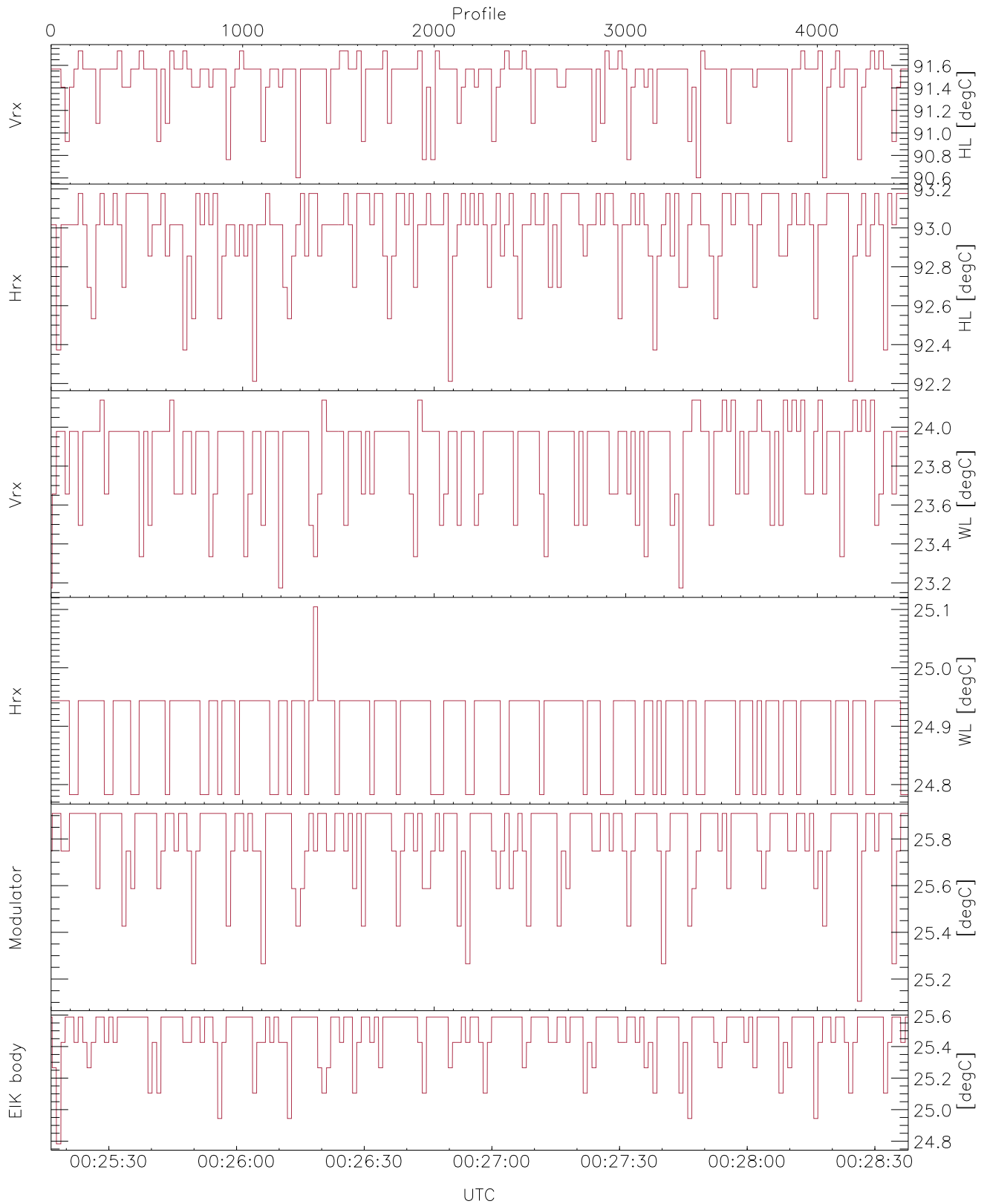




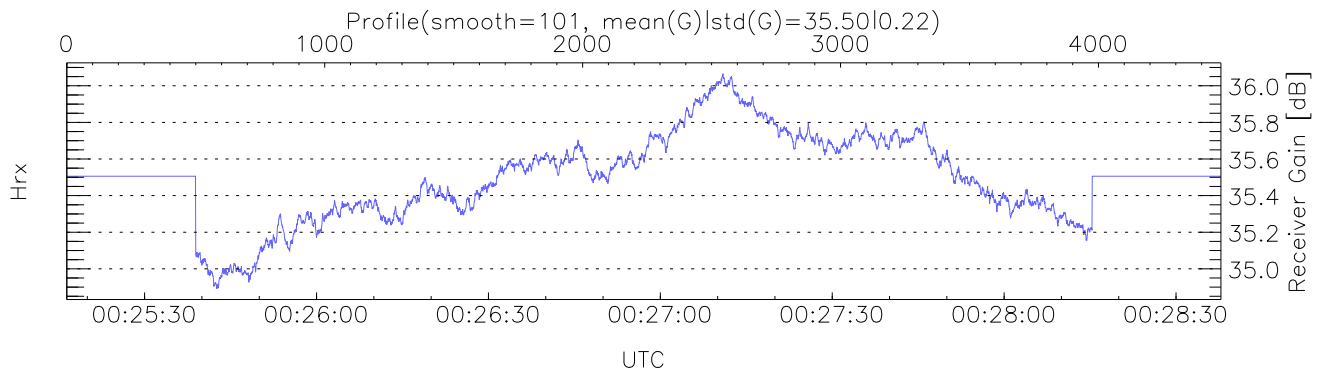
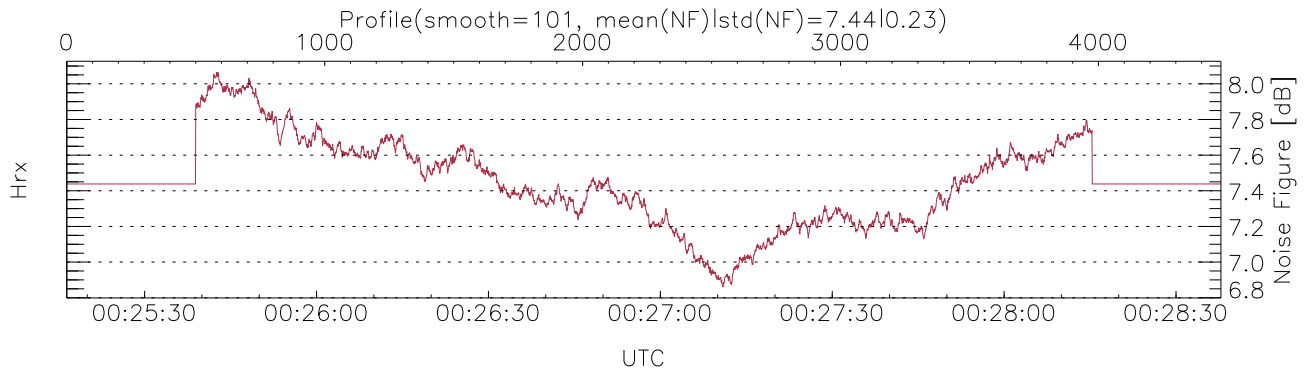
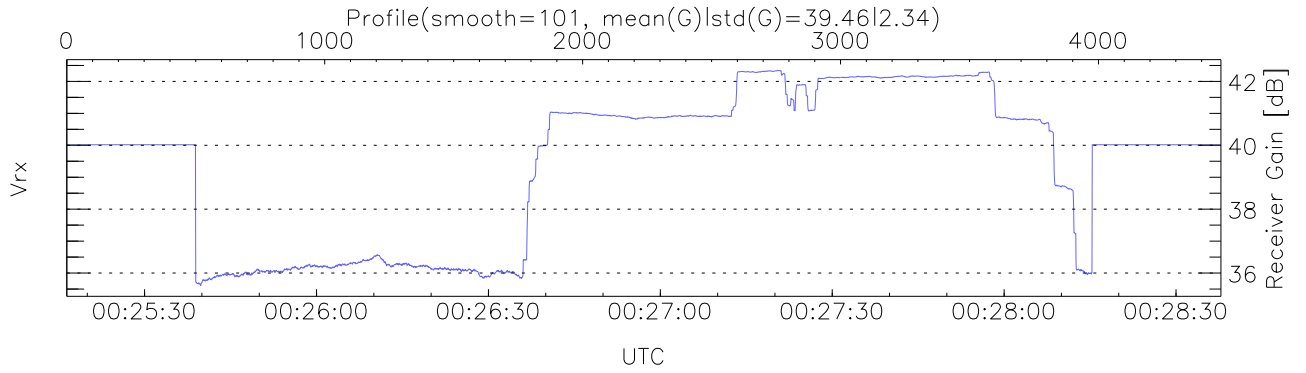
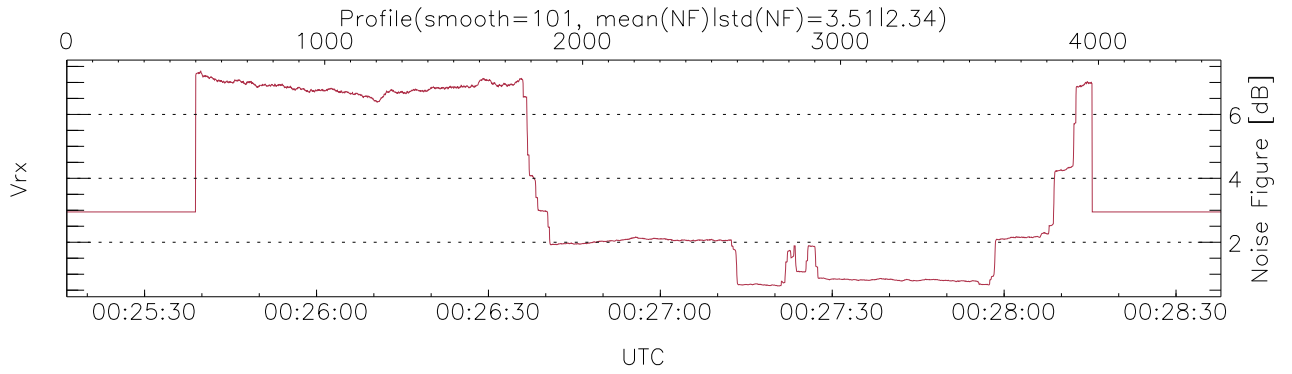
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 00:25:16-00:28:38, TimeCor: 0.00s, Dur: 201.43s
 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): 4476/4476, 0-4475/00:25:16-00:28:38
 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,rqs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



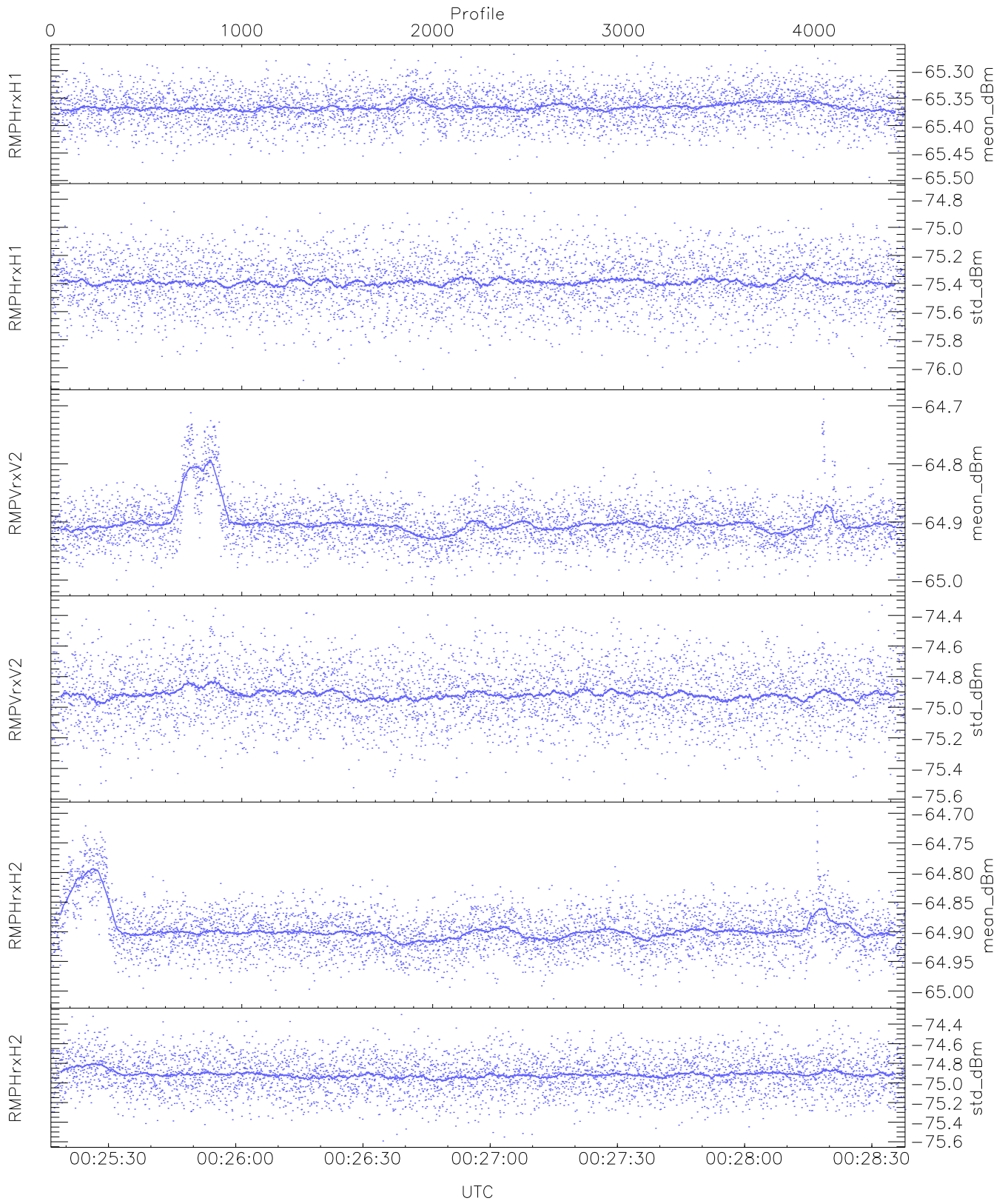
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,23,24,25,24
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,24,25,25,25
LOalarm(20,240,2817,14861 MHz): 0,0,22,0
EIK/Modulator Faults: None



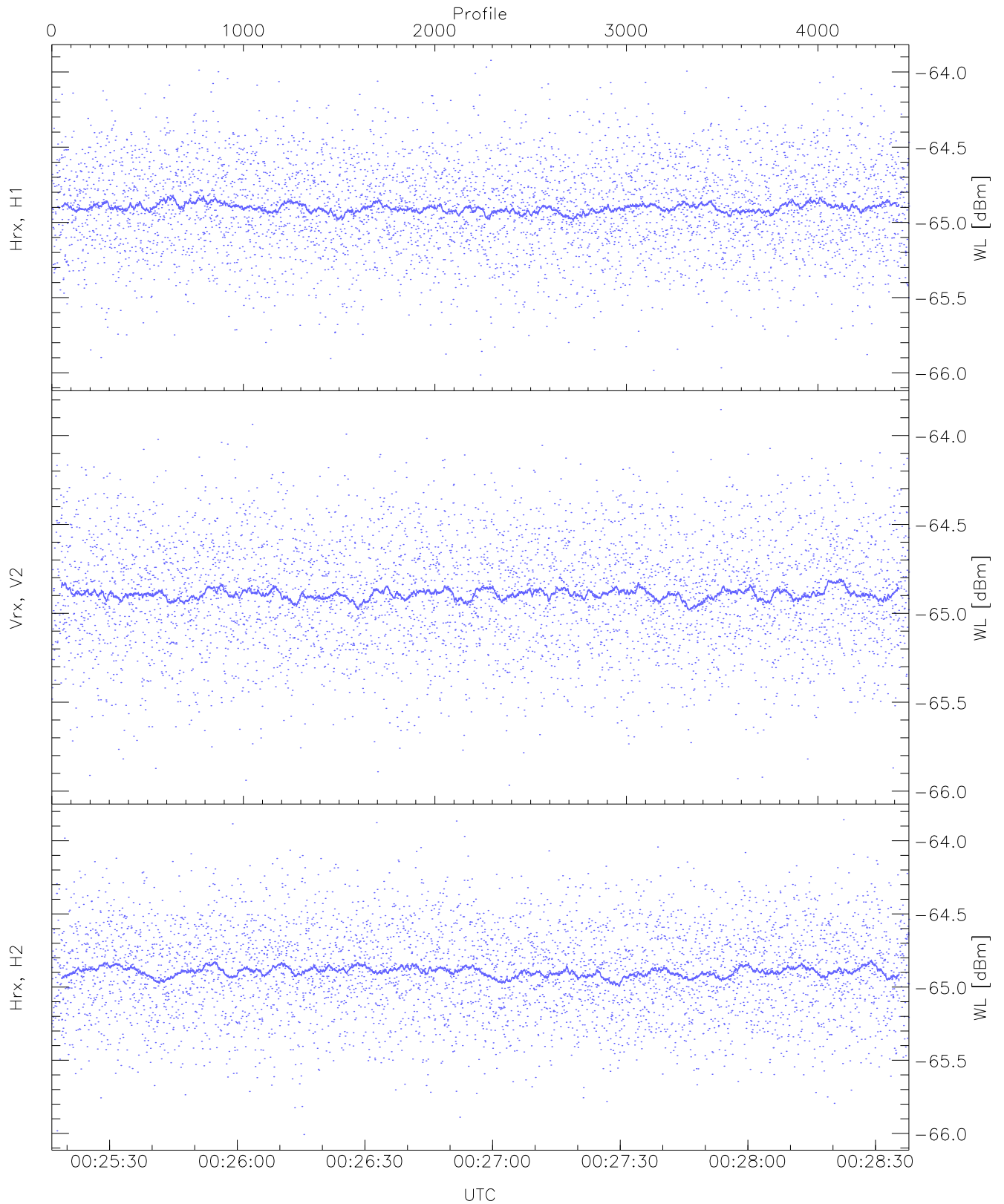
WCR3 CPP Receivers Gain and Noise Figure

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



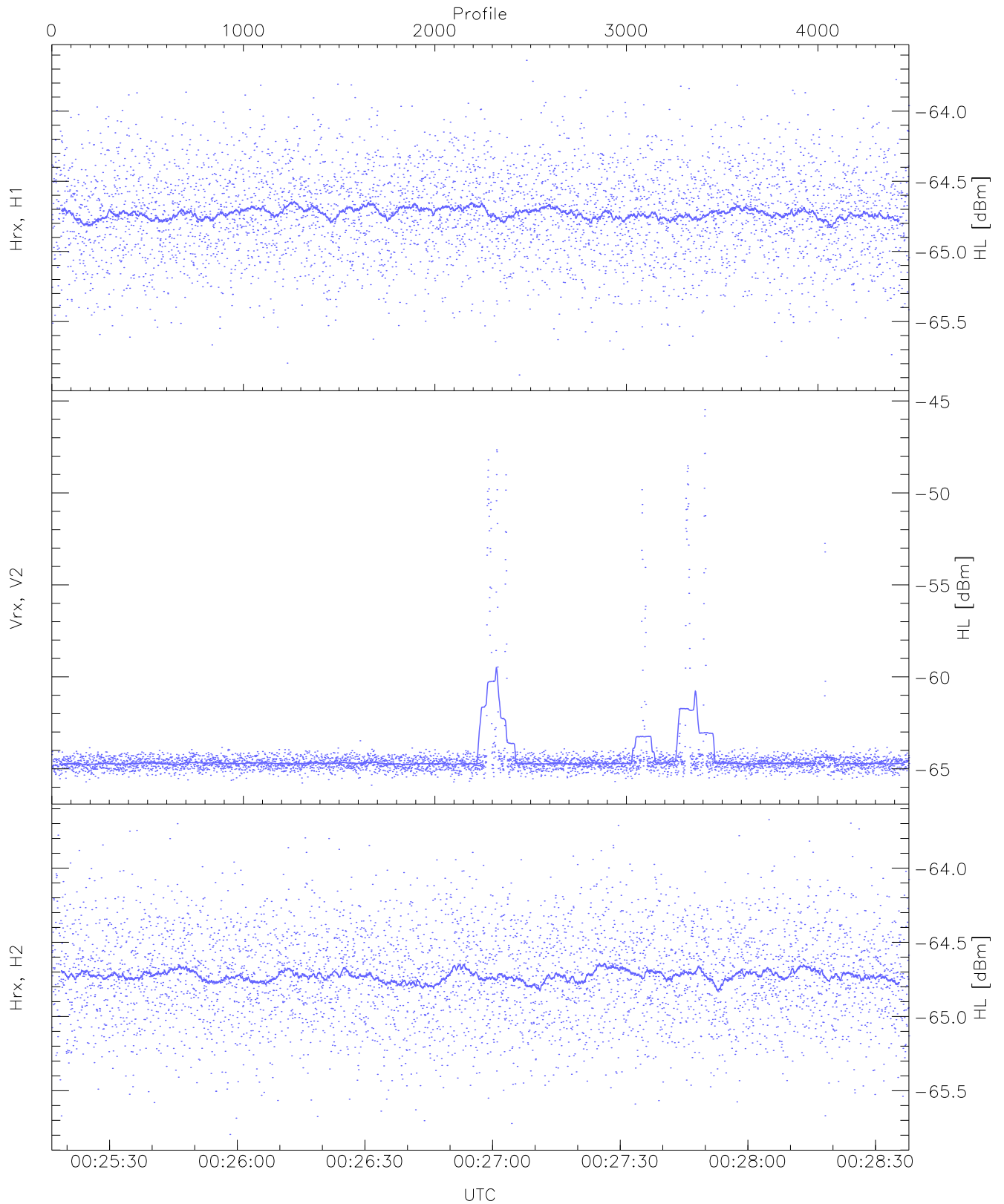
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.49	-65.26	-65.37	-65.37	-86.93
RMPHrxH1 (std_dBm)	-76.09	-74.76	-75.39	-75.39	-89.16
RMPVrxV2 (mean_dBm)	-65.01	-64.69	-64.90	-64.91	-85.32
RMPVrxV2 (std_dBm)	-75.56	-74.33	-74.91	-74.92	-88.69
RMPHrxH2 (mean_dBm)	-65.01	-64.70	-64.90	-64.90	-85.42
RMPHrxH2 (std_dBm)	-75.59	-74.30	-74.91	-74.91	-88.69



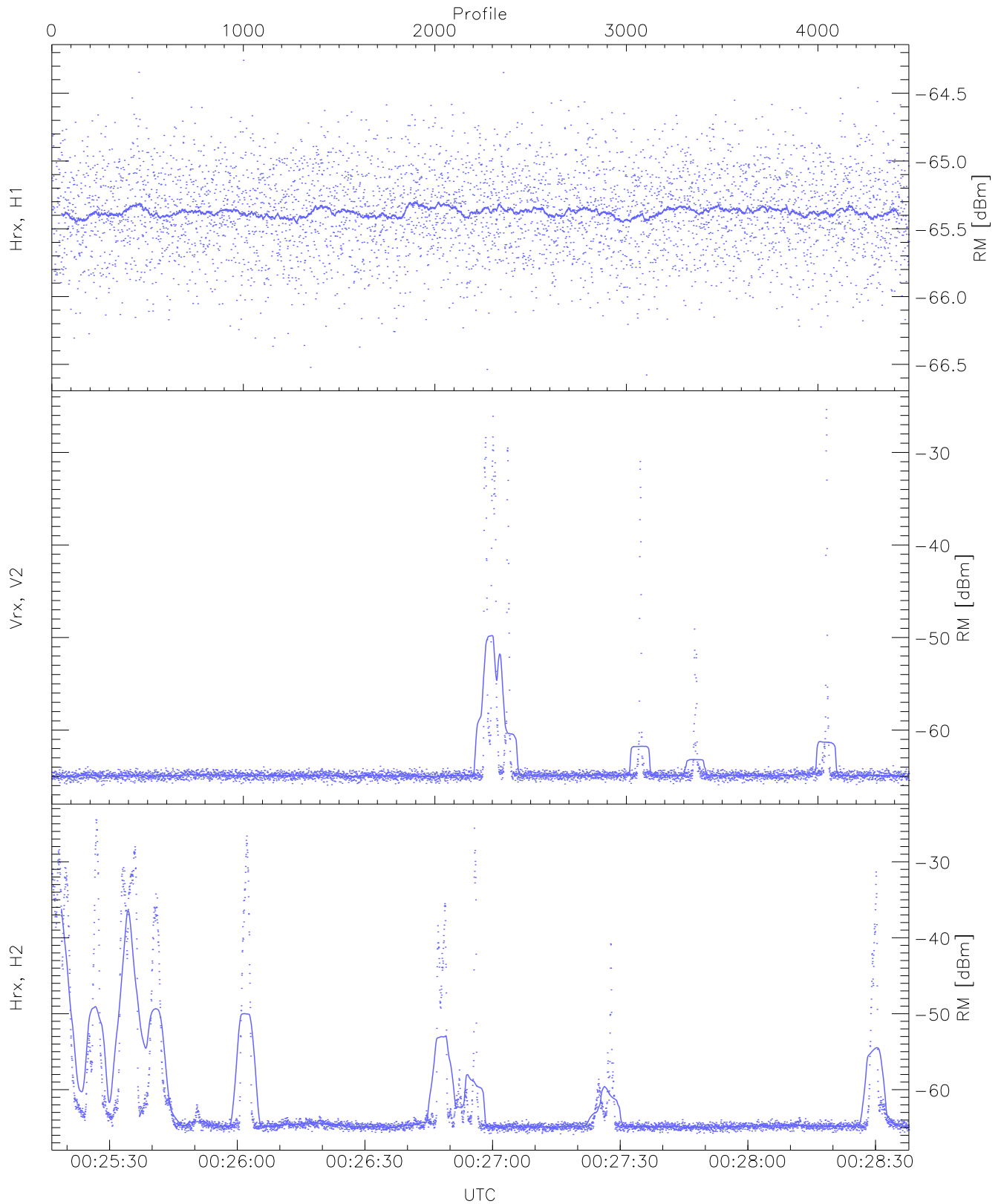
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.01	-63.92	-64.89	-64.90	-76.47
Vrx, V2 (WL [dBm])	-65.97	-63.85	-64.88	-64.89	-76.40
Hrx, H2 (WL [dBm])	-66.01	-63.86	-64.89	-64.89	-76.43



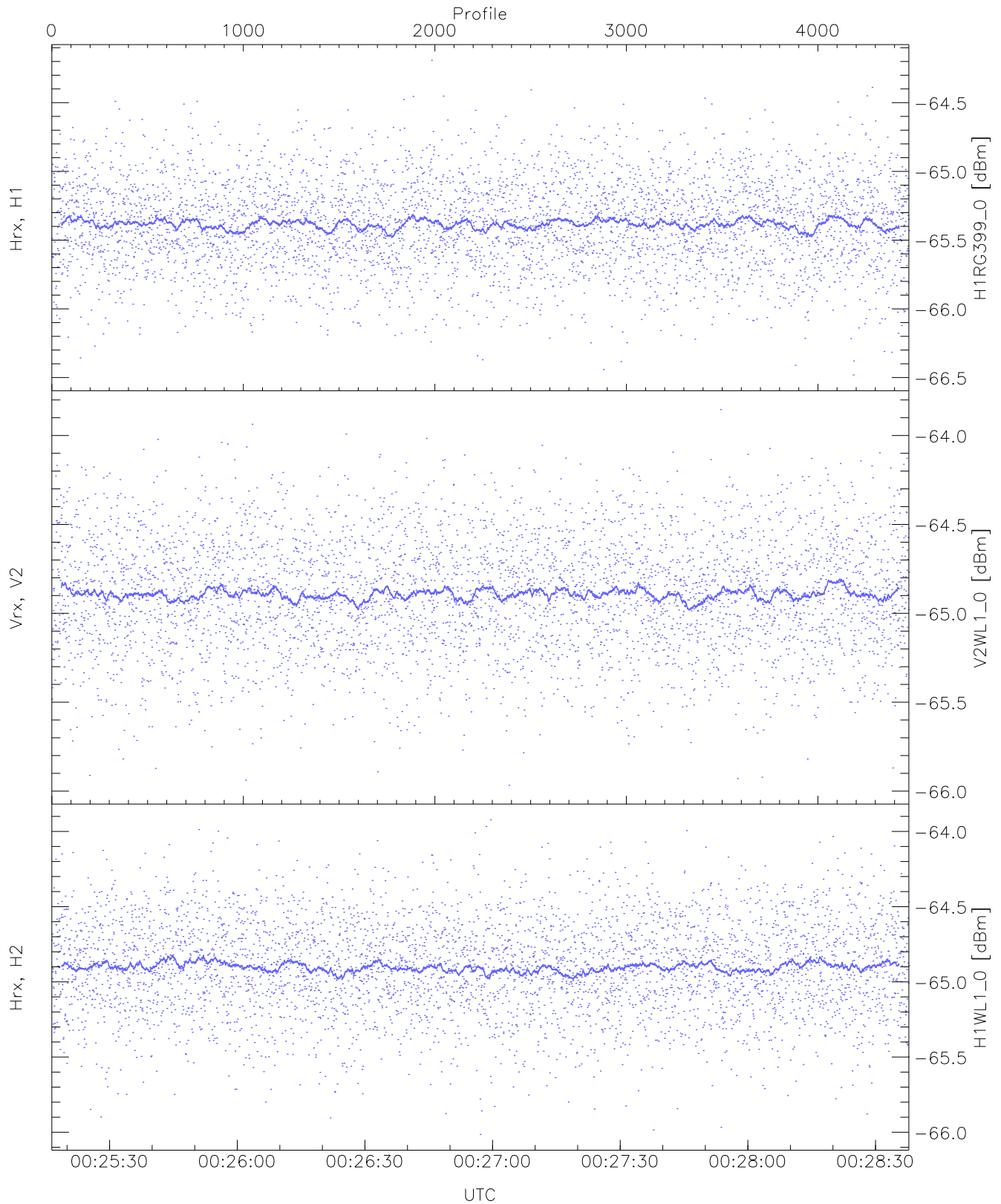
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.88	-63.64	-64.72	-64.72	-76.18
Vrx, V2 (HL [dBm])	-65.89	-45.47	-63.20	-64.69	-59.19
Hrx, H2 (HL [dBm])	-65.79	-63.67	-64.72	-64.72	-76.20



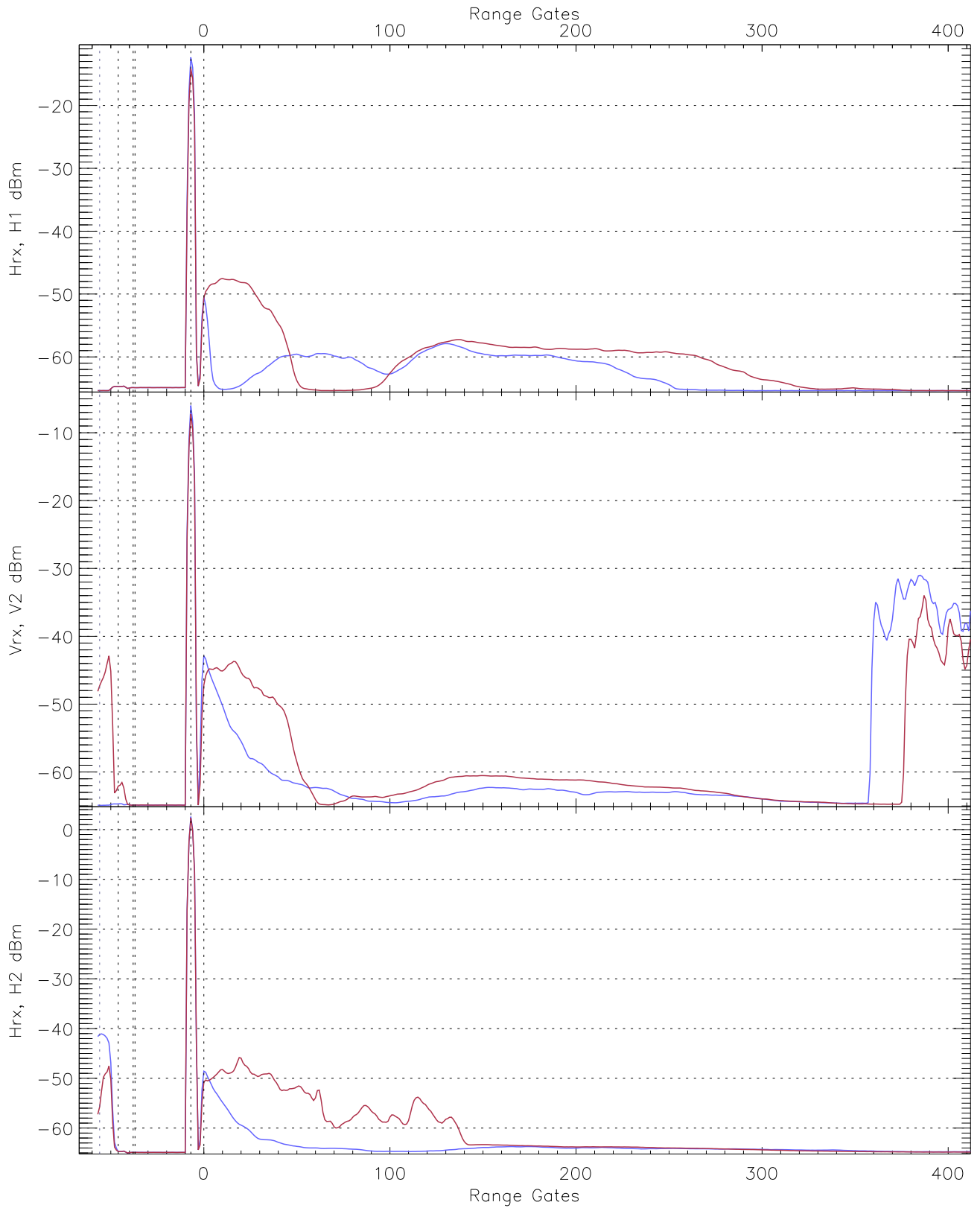
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.58	-64.26	-65.37	-65.38	-76.85
Vrx, V2 (RM [dBm])	-65.96	-25.36	-50.23	-64.88	-39.86
Hrx, H2 (RM [dBm])	-65.90	-24.47	-44.03	-64.62	-36.90

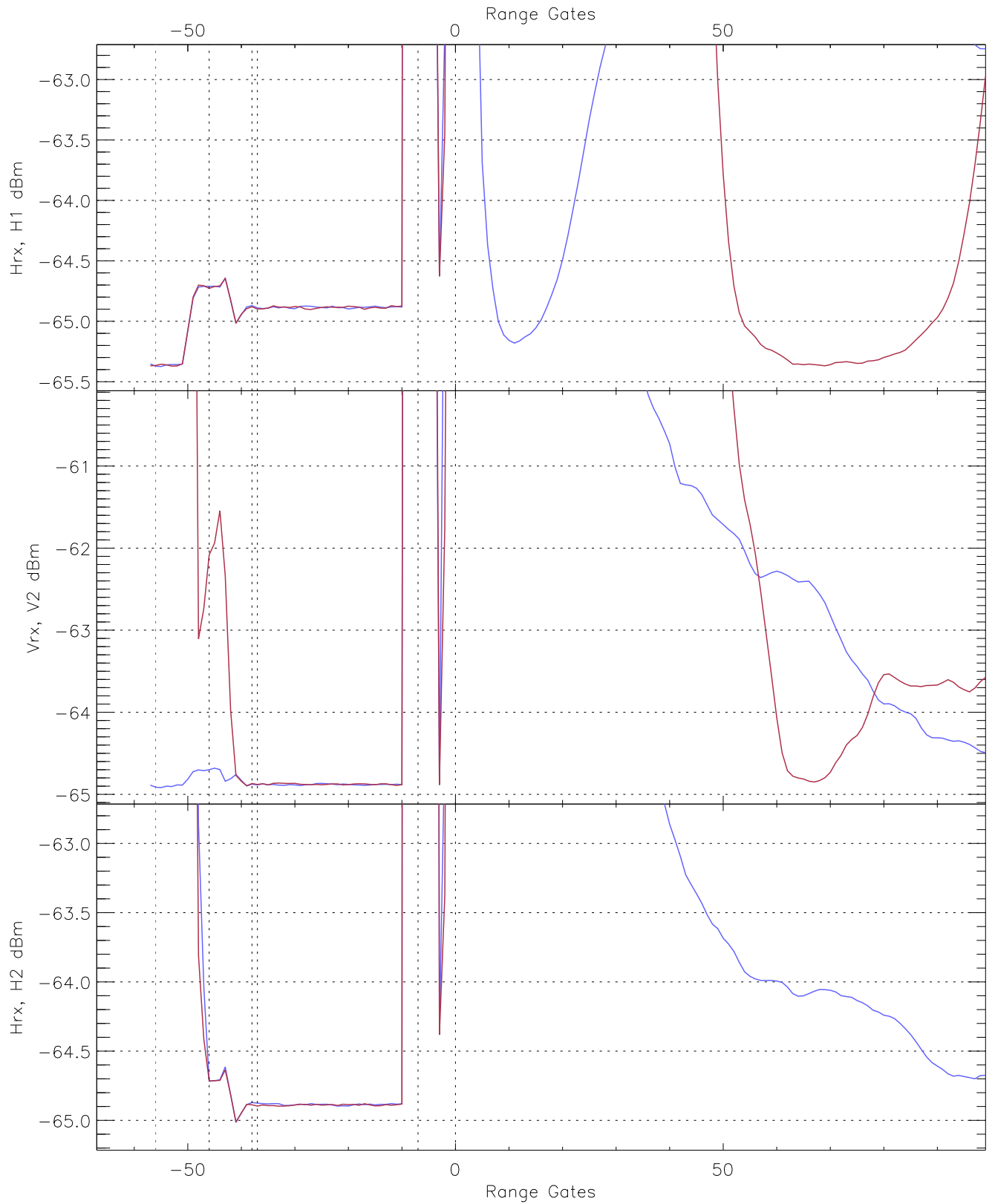


WCR3 CPP "Best" estimate Receivers Noise Power

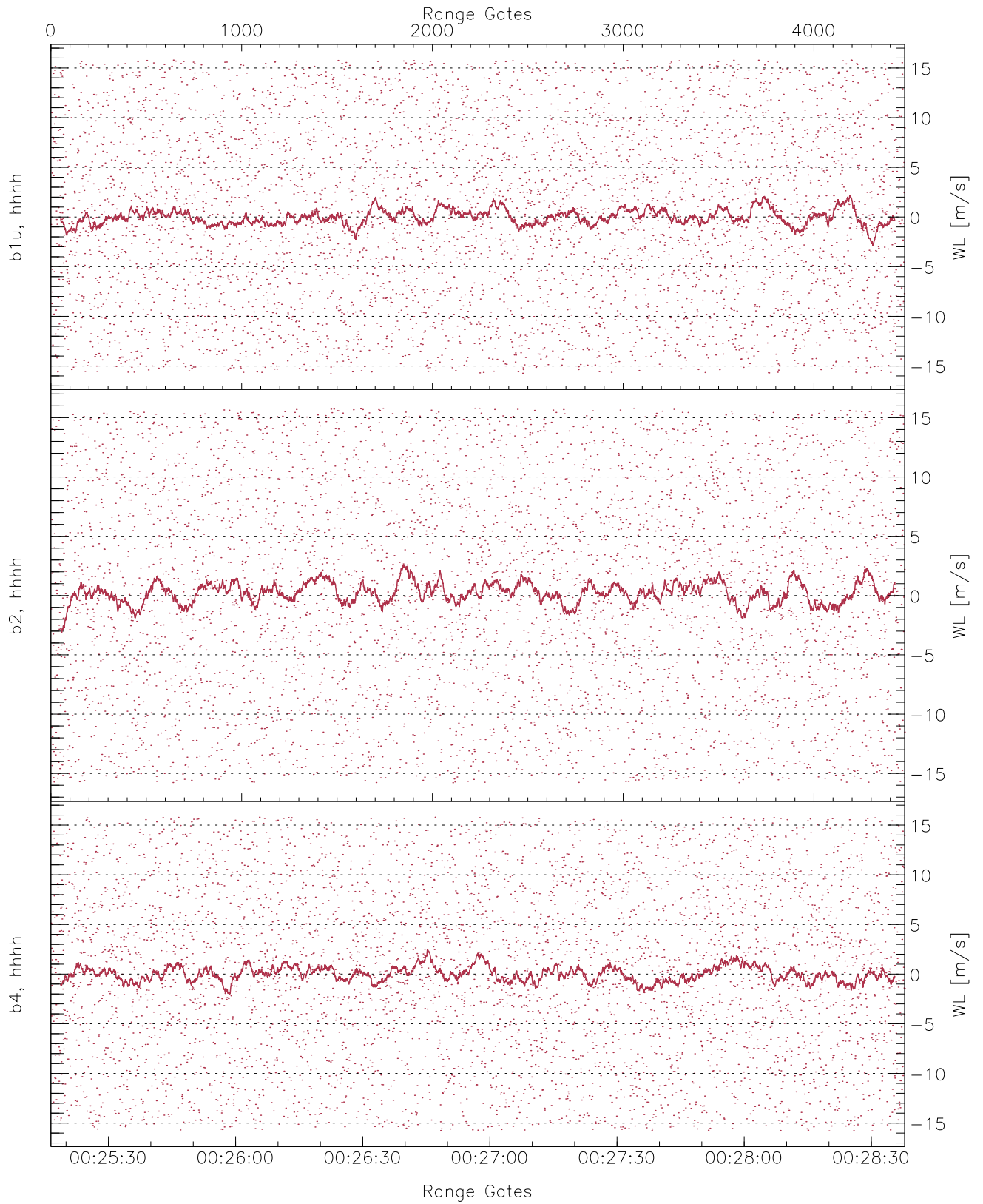
	Min	Max	Mean	Median	StDev
H1RG399_0 [dBm]	-66.48	-64.19	-65.38	-65.38	-76.85
V2WL1_0 [dBm]	-65.97	-63.85	-64.88	-64.89	-76.40
H1WL1_0 [dBm]	-66.01	-63.92	-64.89	-64.90	-76.47



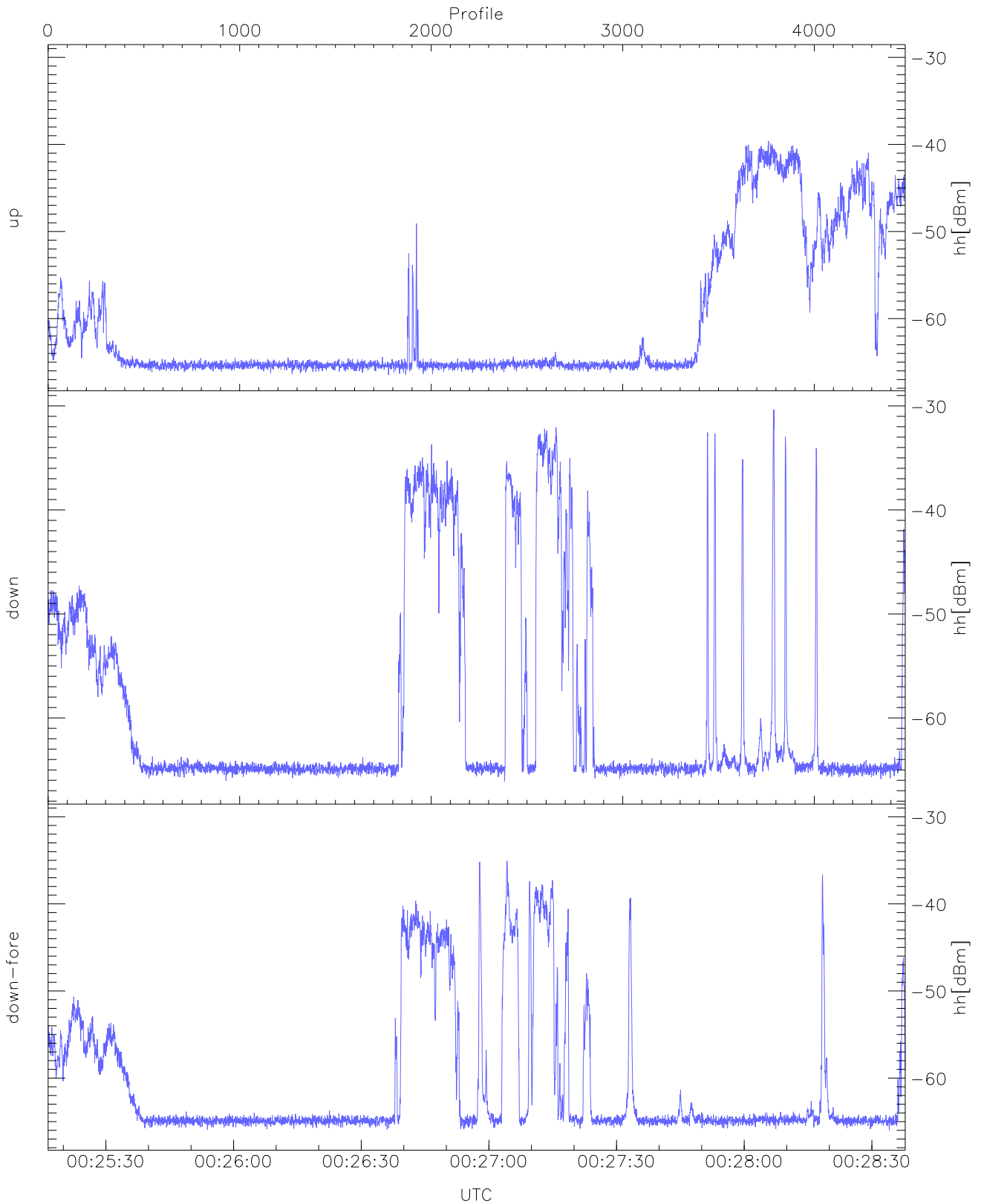
WCR3 CPP Averaged Received power for all recorded gates
blue: 002516-002657, 2239 profiles averaged
red: 002657-002838, 2238 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 002516-002657, 2239 profiles averaged
red: 002657-002838, 2238 profiles averaged

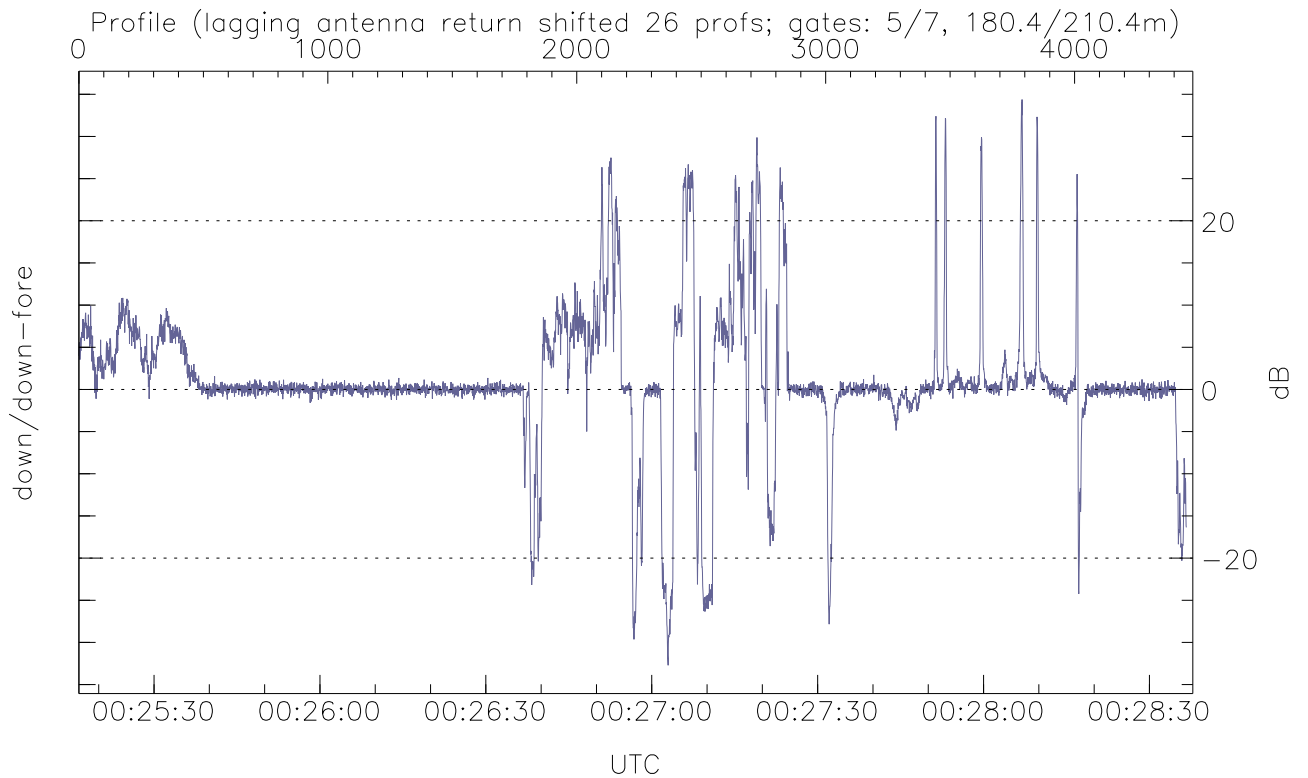
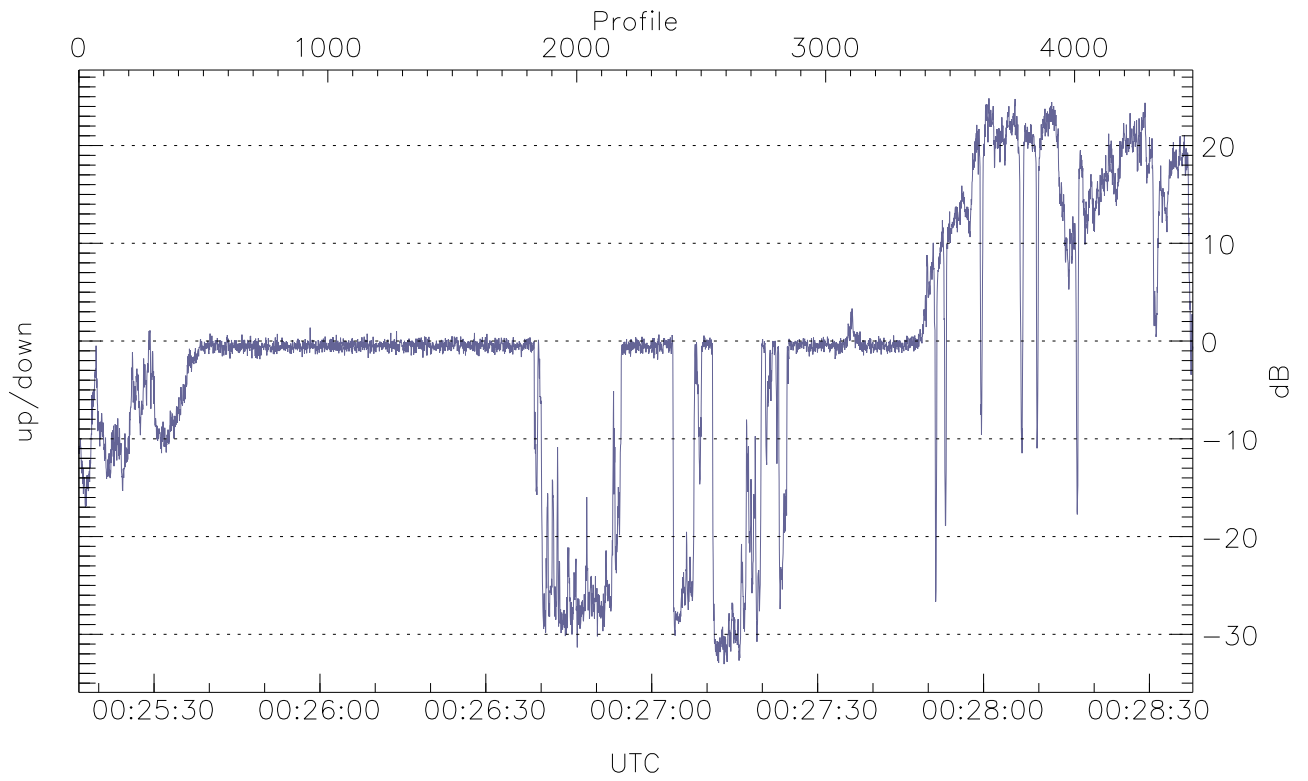


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



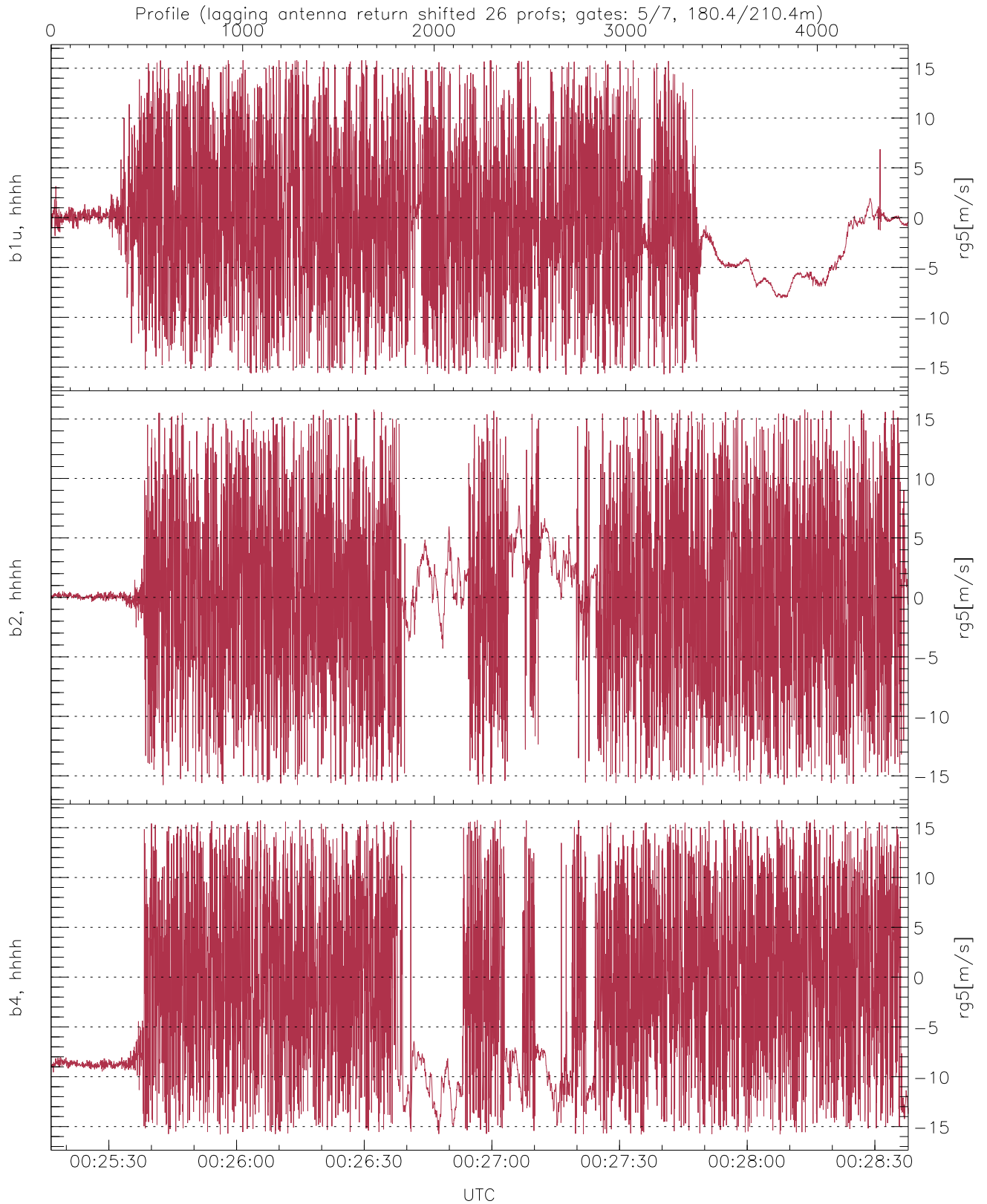
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.47	-39.62	-51.27
down(hh[dBm])	-66.09	-30.35	-45.73
down-fore(hh[dBm])	-65.98	-35.07	-50.80



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

	Min	Max	Mean
up/down (dB)	-33.05	24.83	-1.13
down/down-fore (dB)	-32.71	34.38	1.21



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.76	15.79	-0.97	7.07
b2, hhhh(rg5[m/s])	-15.77	15.79	0.26	7.24
b4, hhhh(rg5[m/s])	-15.78	15.79	-2.47	8.81