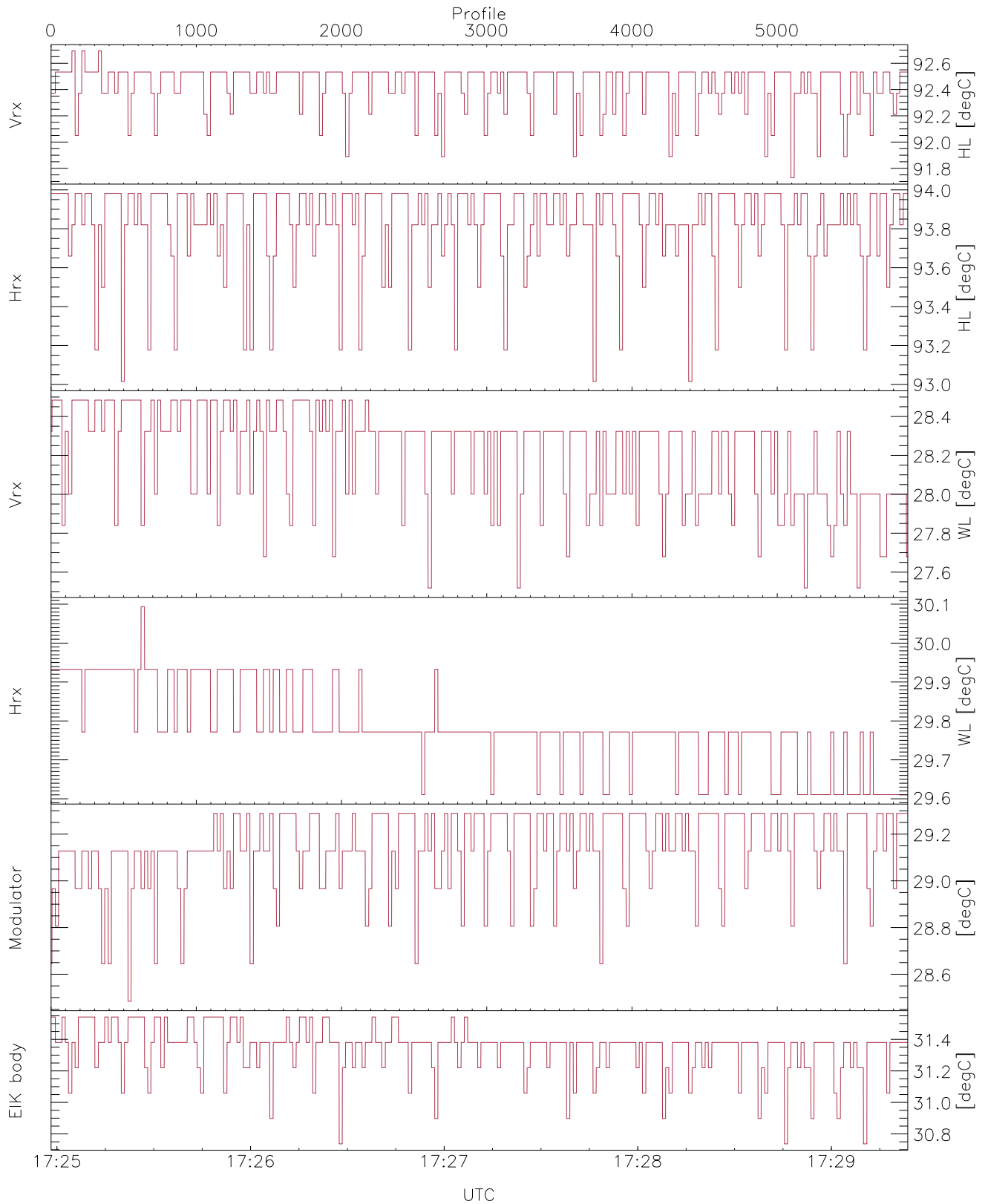


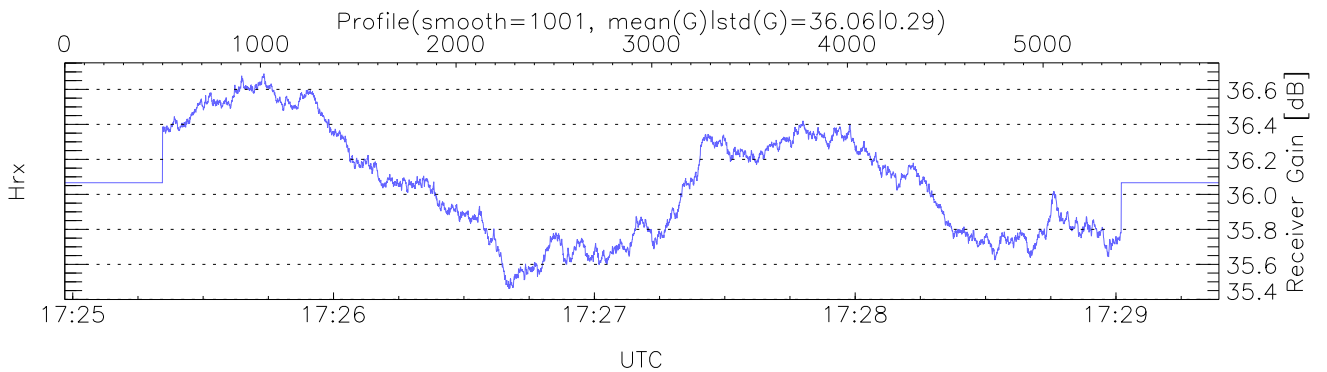
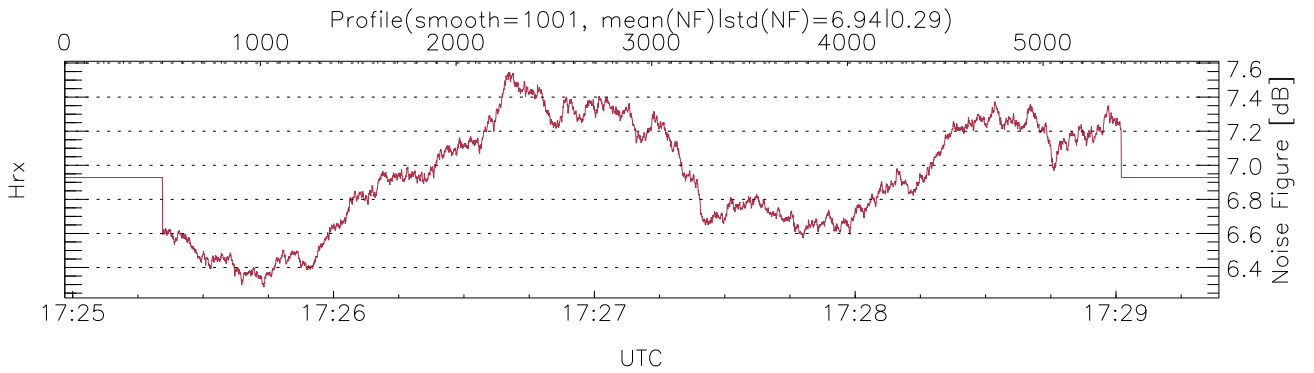
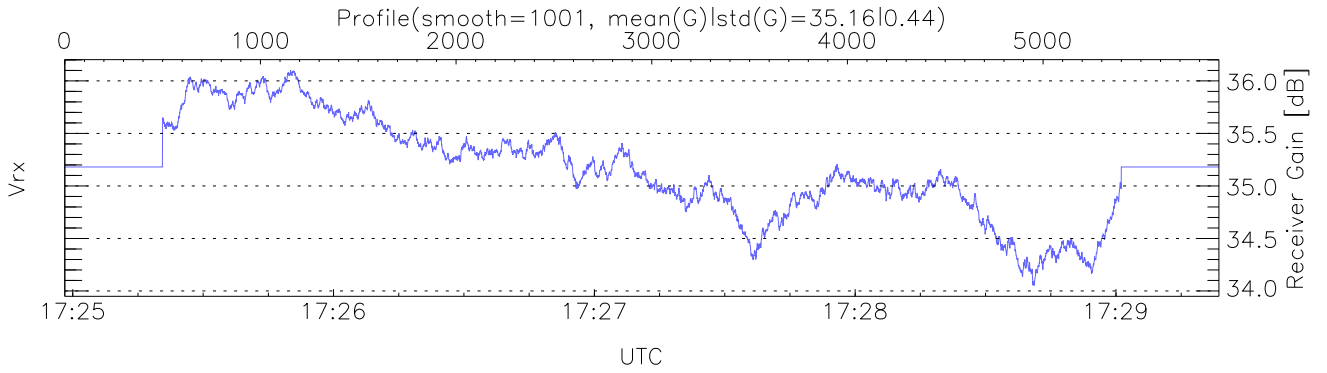
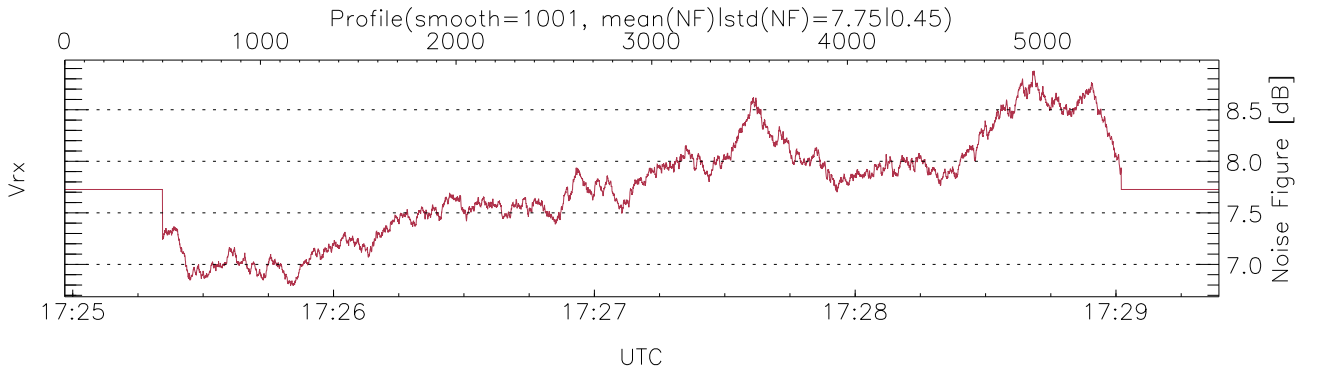
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 17:24:58-17:29:24, TimeCor: 0.00s, Dur: 265.52s
 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): 5900/5900, 0-5899/17:24:58-17:29:24
 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(-910112,3,9x = no mirror|sideluplerror): 3



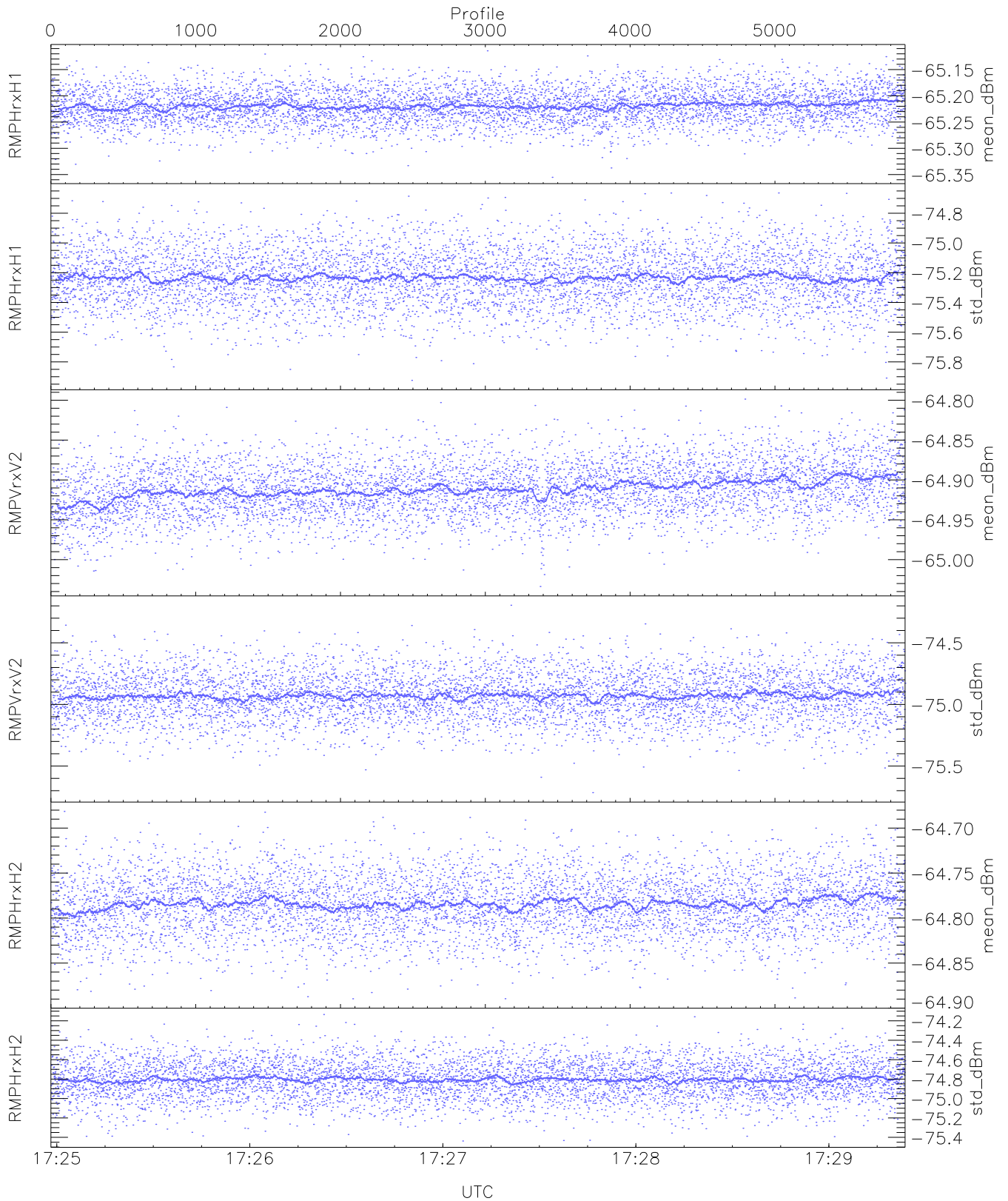
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,27,29,28,30
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,28,30,29,31
LOalarm(20,240,2817,14861 MHz): None
EIK/Modulator Faults: None



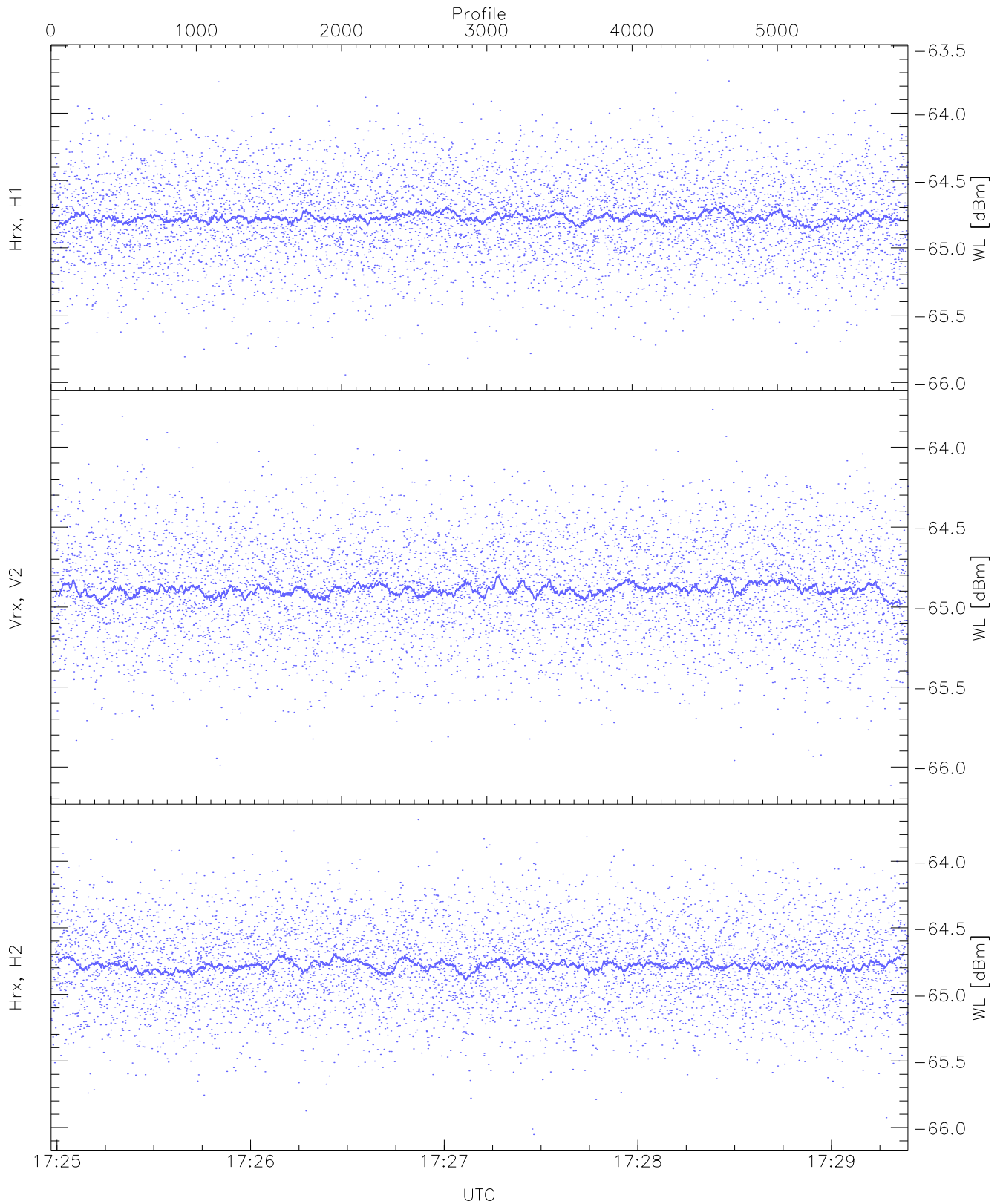
WCR3 CPP Receivers Gain and Noise Figure

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



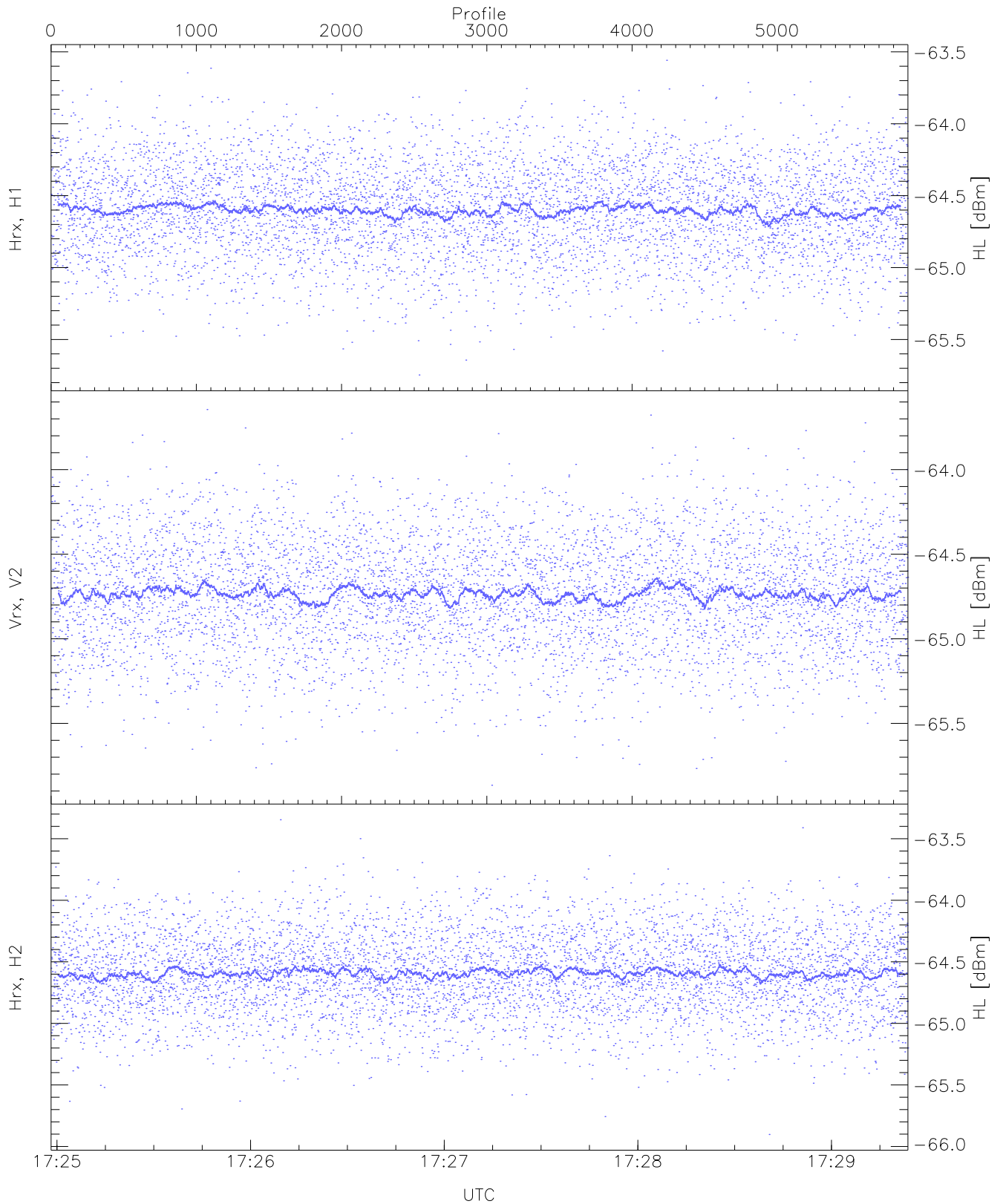
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.36	-65.11	-65.22	-65.22	-86.76
RMPHrxH1(std_dBm)	-75.92	-74.66	-75.23	-75.23	-89.06
RMPVrxV2(mean_dBm)	-65.03	-64.80	-64.91	-64.91	-86.31
RMPVrxV2(std_dBm)	-75.72	-74.20	-74.93	-74.93	-88.72
RMPHrxH2(mean_dBm)	-64.89	-64.68	-64.78	-64.78	-86.27
RMPHrxH2(std_dBm)	-75.44	-74.13	-74.80	-74.80	-88.56



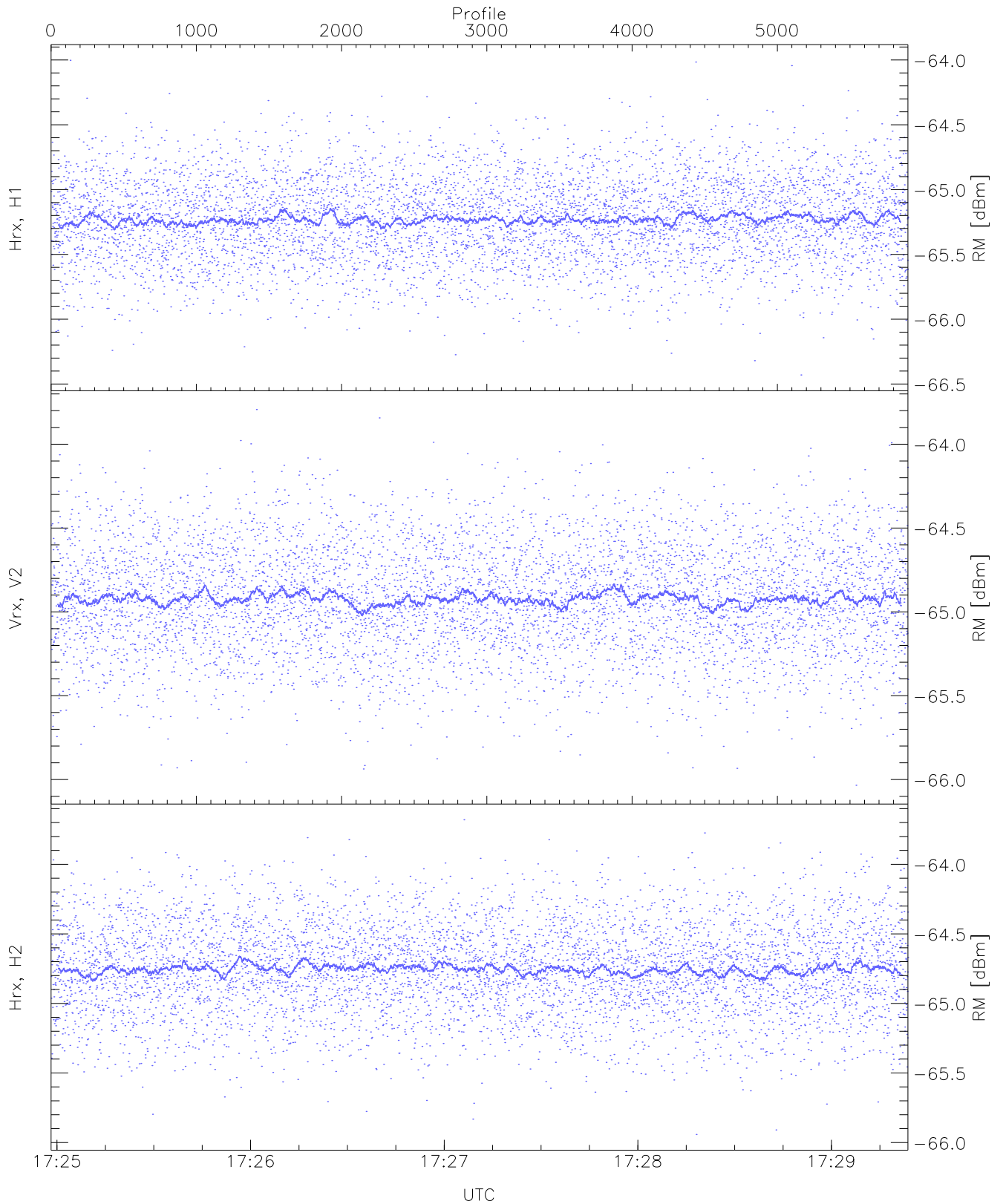
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-65.94	-63.61	-64.77	-64.77	-76.27
Vrx, V2(WL [dBm])	-66.11	-63.76	-64.88	-64.89	-76.39
Hrx, H2(WL [dBm])	-66.05	-63.69	-64.77	-64.78	-76.26



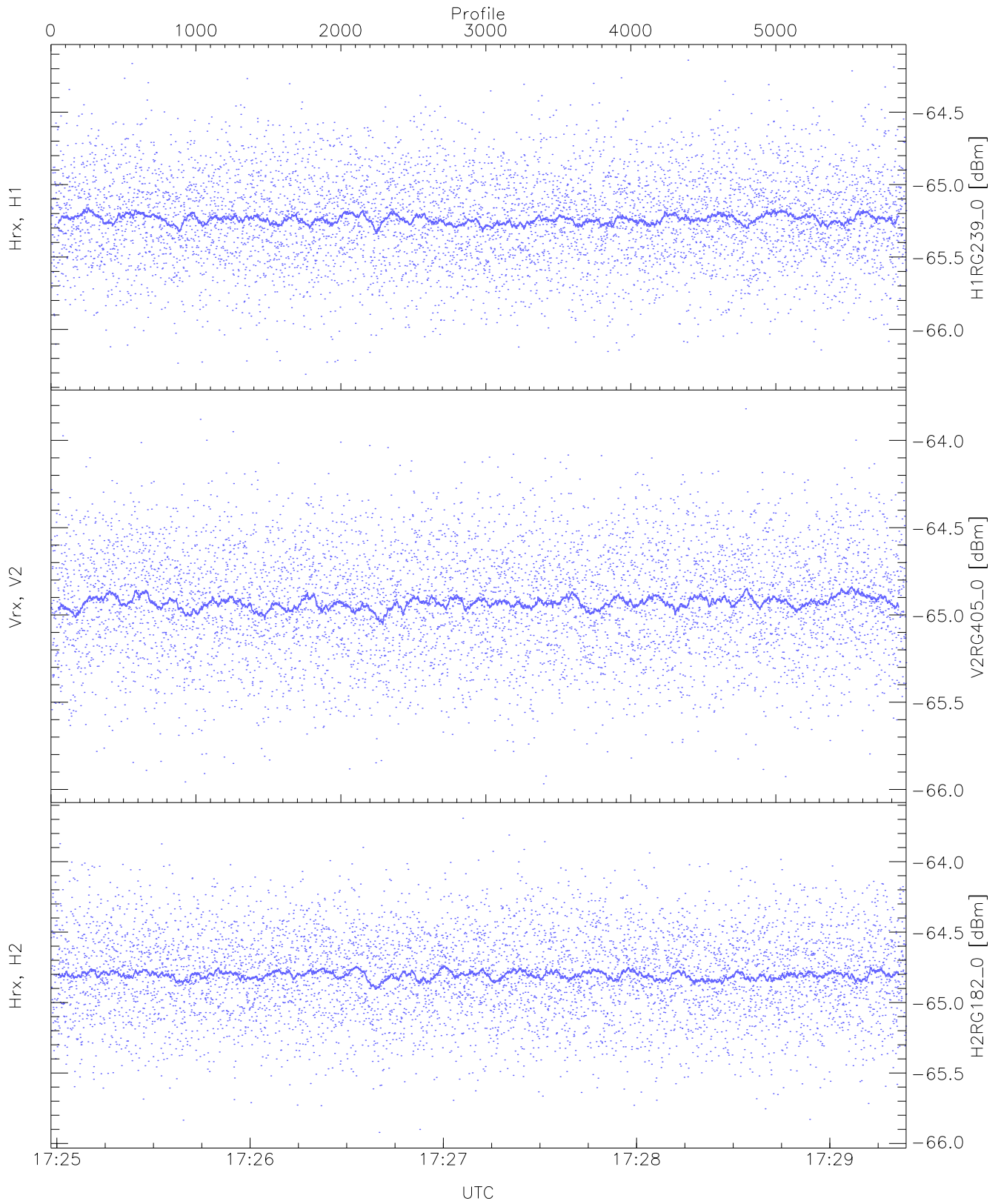
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.75	-63.56	-64.59	-64.60	-76.15
Vrx, V2 (HL [dBm])	-65.87	-63.64	-64.73	-64.73	-76.26
Hrx, H2 (HL [dBm])	-65.90	-63.35	-64.59	-64.59	-76.07



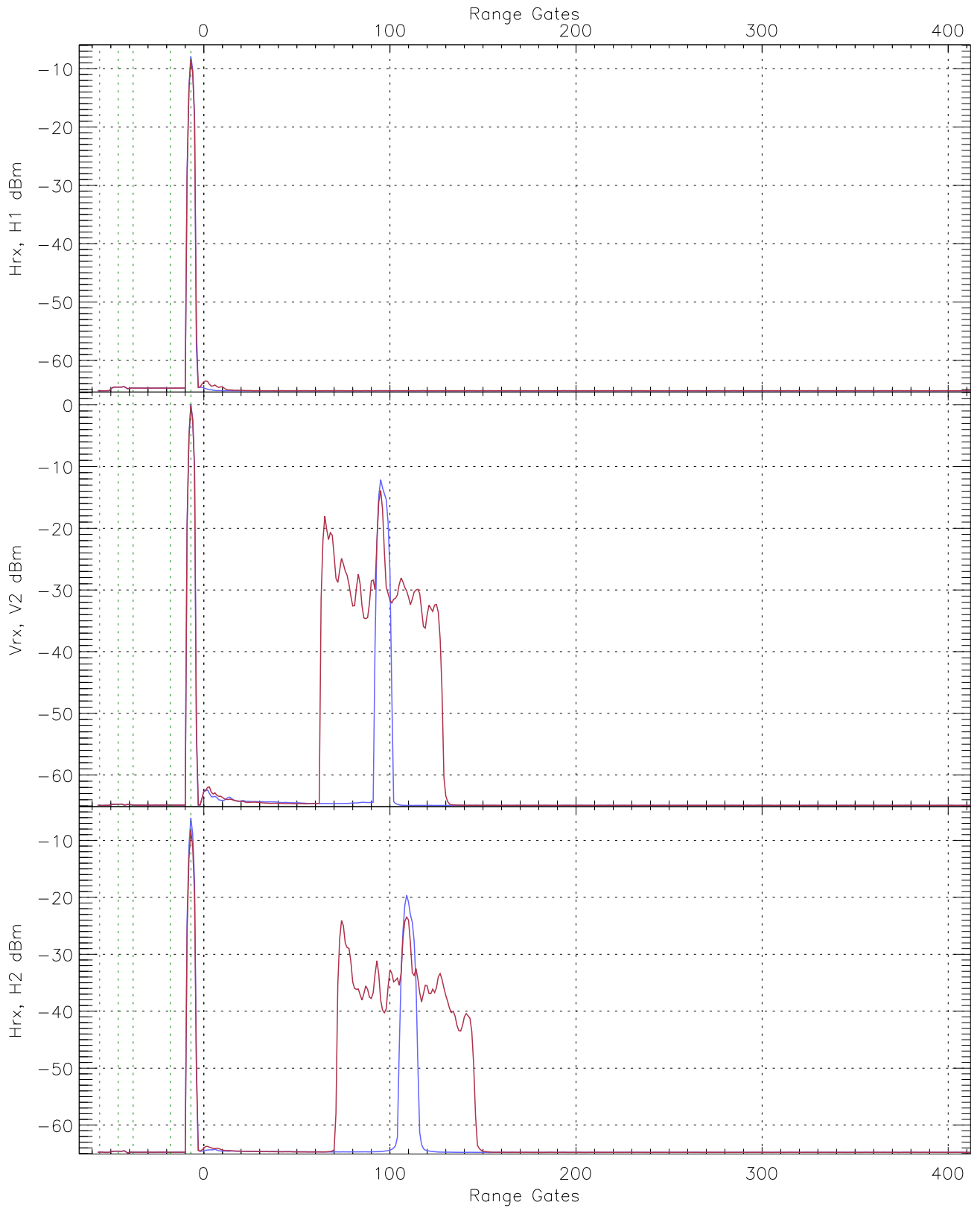
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.43	-64.00	-65.22	-65.23	-76.70
Vrx, V2 (RM [dBm])	-66.03	-63.79	-64.91	-64.93	-76.44
Hrx, H2 (RM [dBm])	-65.94	-63.68	-64.75	-64.75	-76.27

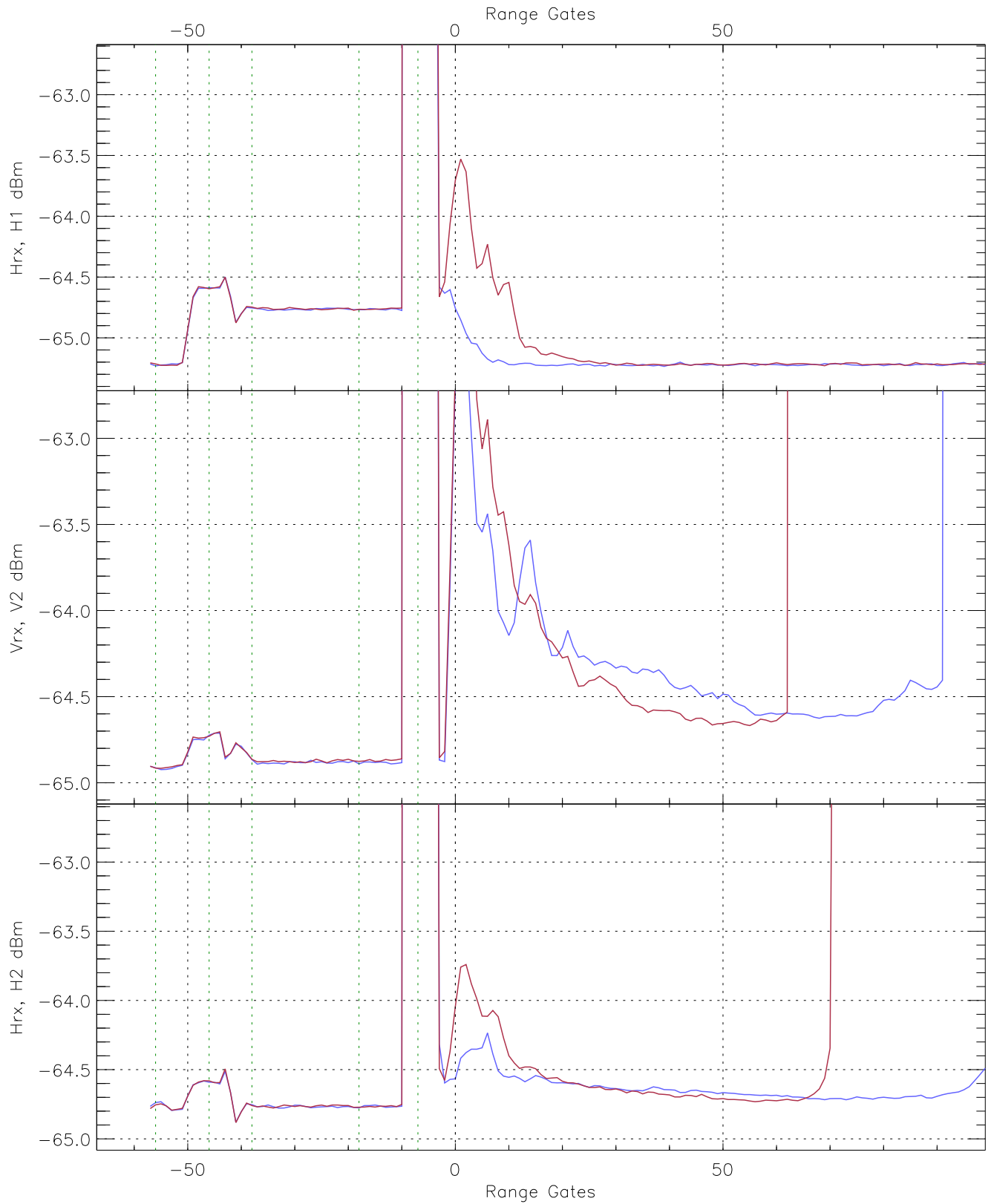


WCR3 CPP "Best" estimate Receivers Noise Power

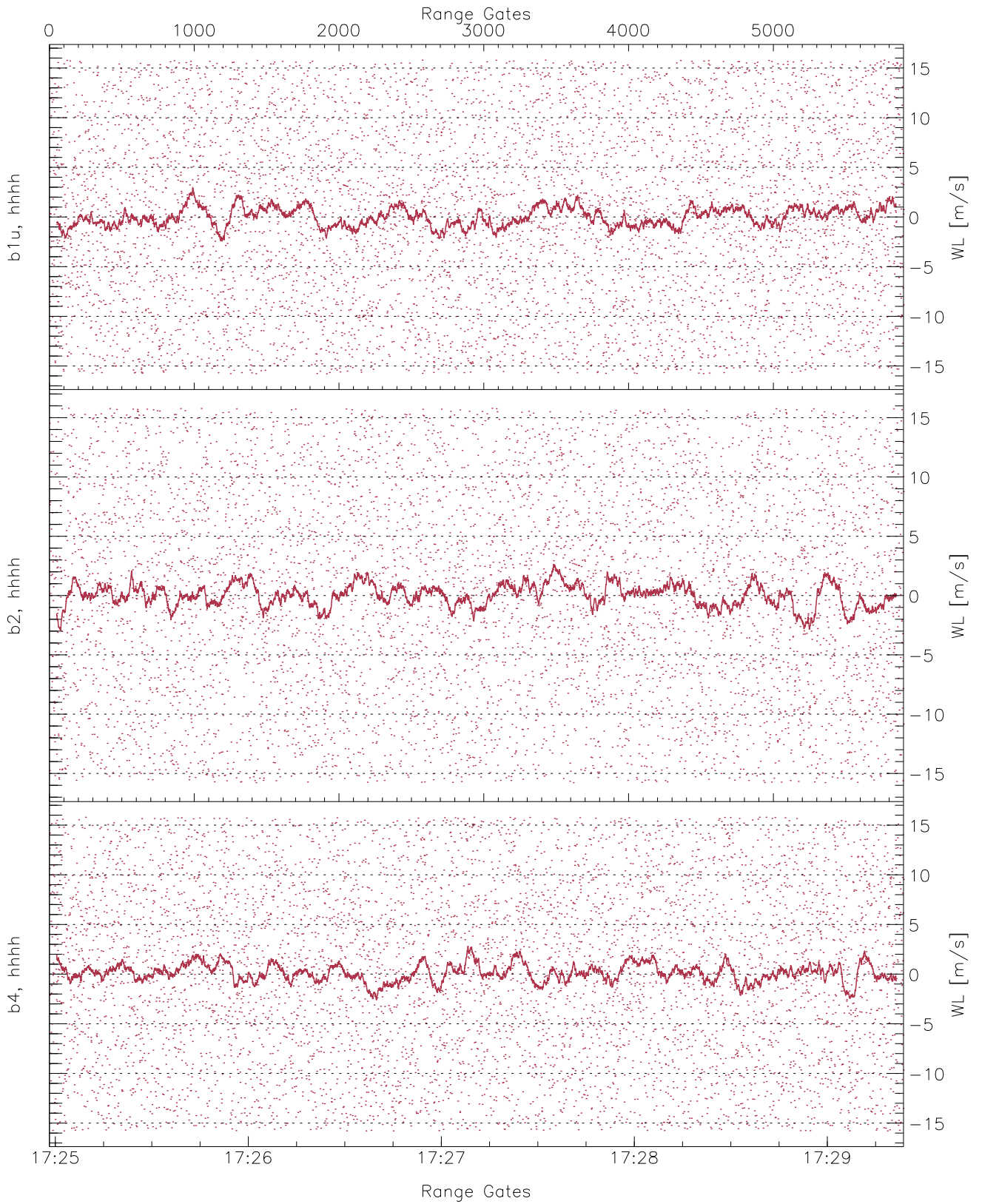
	Min	Max	Mean	Median	StDev
H1RG239_0 [dBm]	-66.31	-64.14	-65.23	-65.24	-76.67
V2RG405_0 [dBm]	-65.97	-63.82	-64.92	-64.93	-76.46
H2RG182_0 [dBm]	-65.92	-63.69	-64.80	-64.80	-76.33



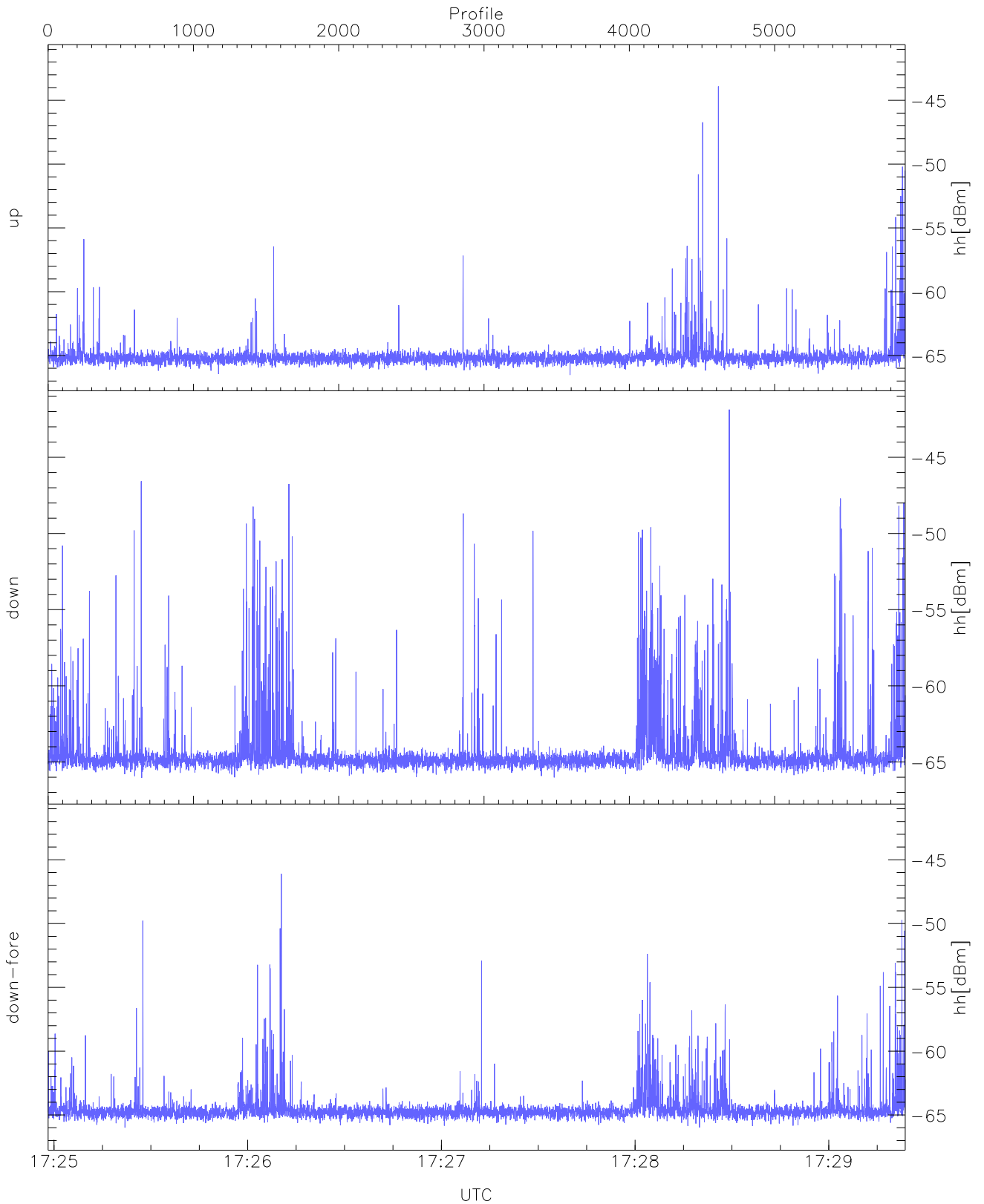
WCR3 CPP Averaged Received power for all recorded gates
blue: 172458-172711, 2951 profiles averaged
red: 172711-172924, 2950 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 172458-172711, 2951 profiles averaged
red: 172711-172924, 2950 profiles averaged

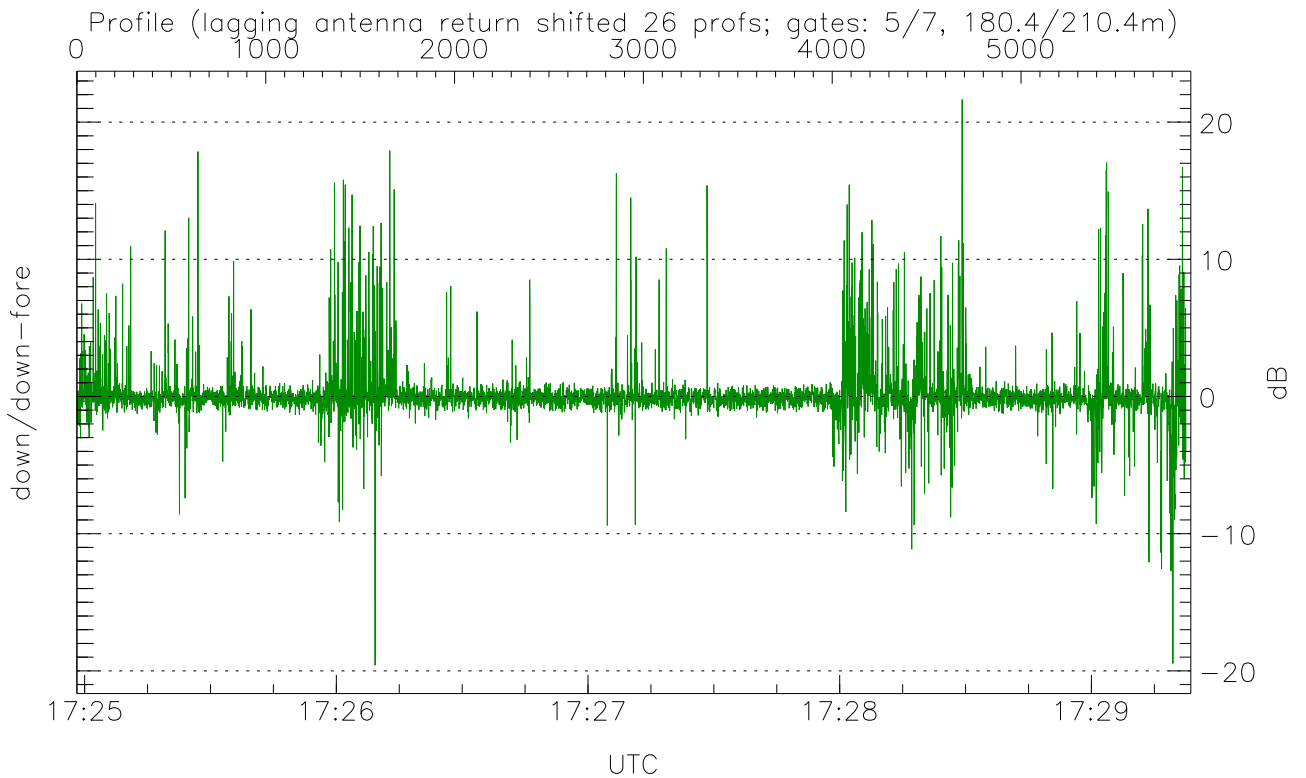
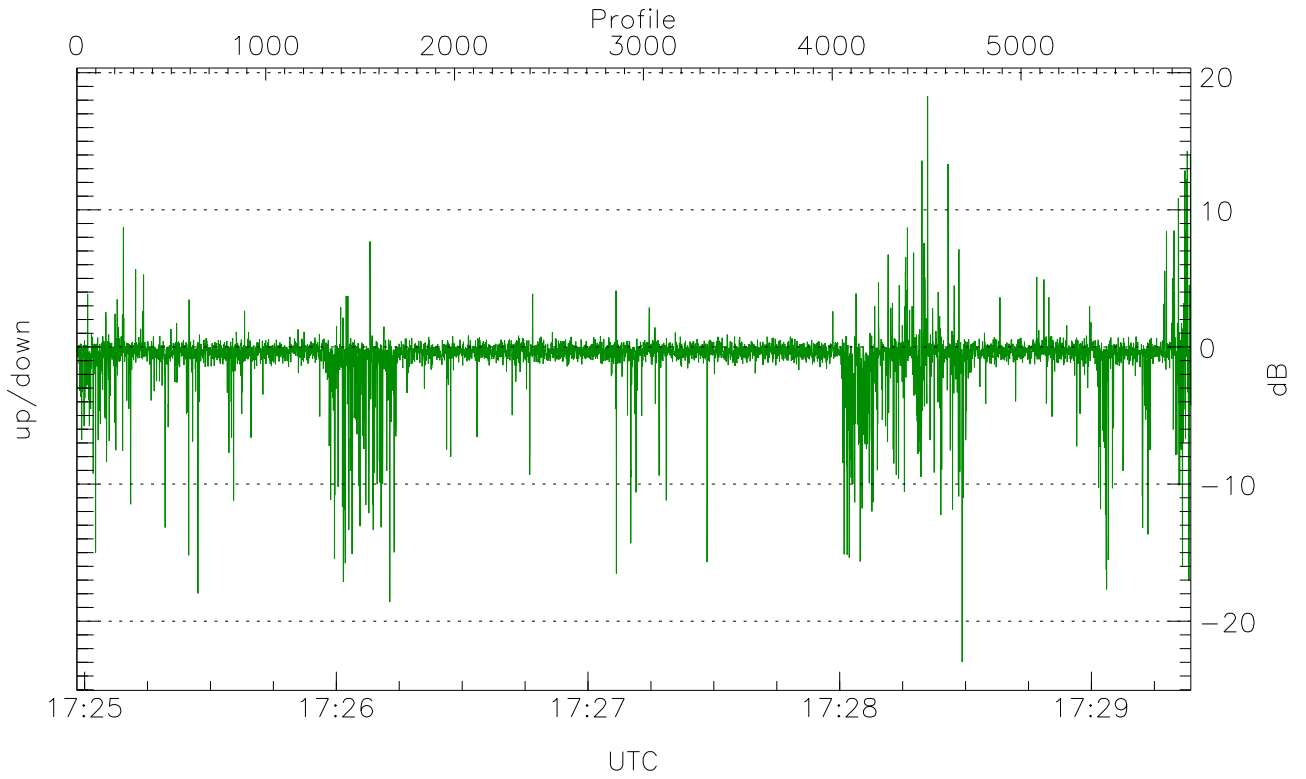


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



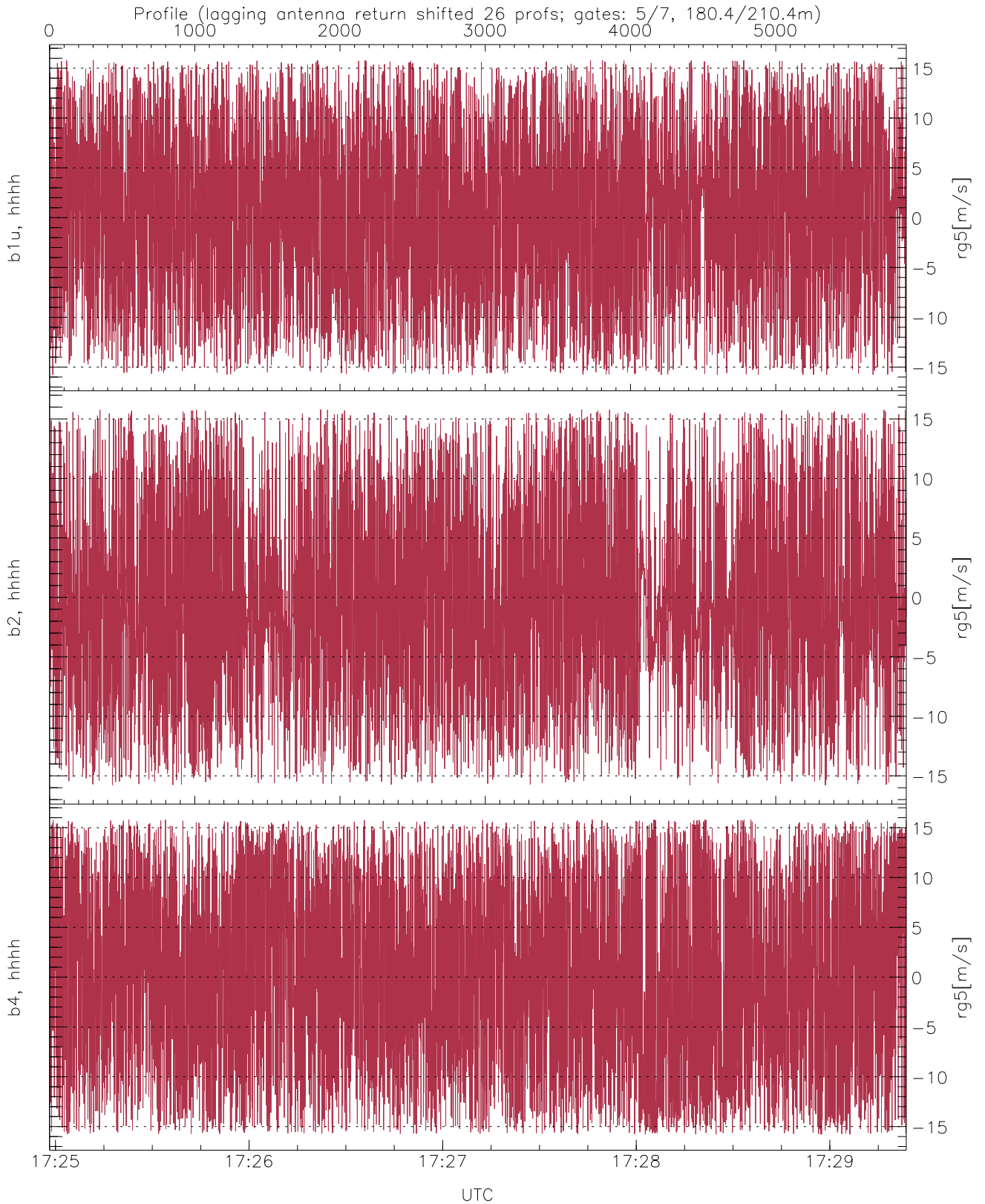
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.53	-43.91	-64.74
down(hh[dBm])	-66.04	-41.86	-63.30
down-fore(hh[dBm])	-65.99	-46.10	-64.23



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

	Min	Max	Mean
up/down (dB)	-22.98	18.28	-0.69
down/down-fore (dB)	-19.59	21.65	0.15



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	0.34	8.58
b2, hhhh(rg5[m/s])	-15.78	15.79	-0.45	7.97
b4, hhhh(rg5[m/s])	-15.78	15.79	0.24	9.63