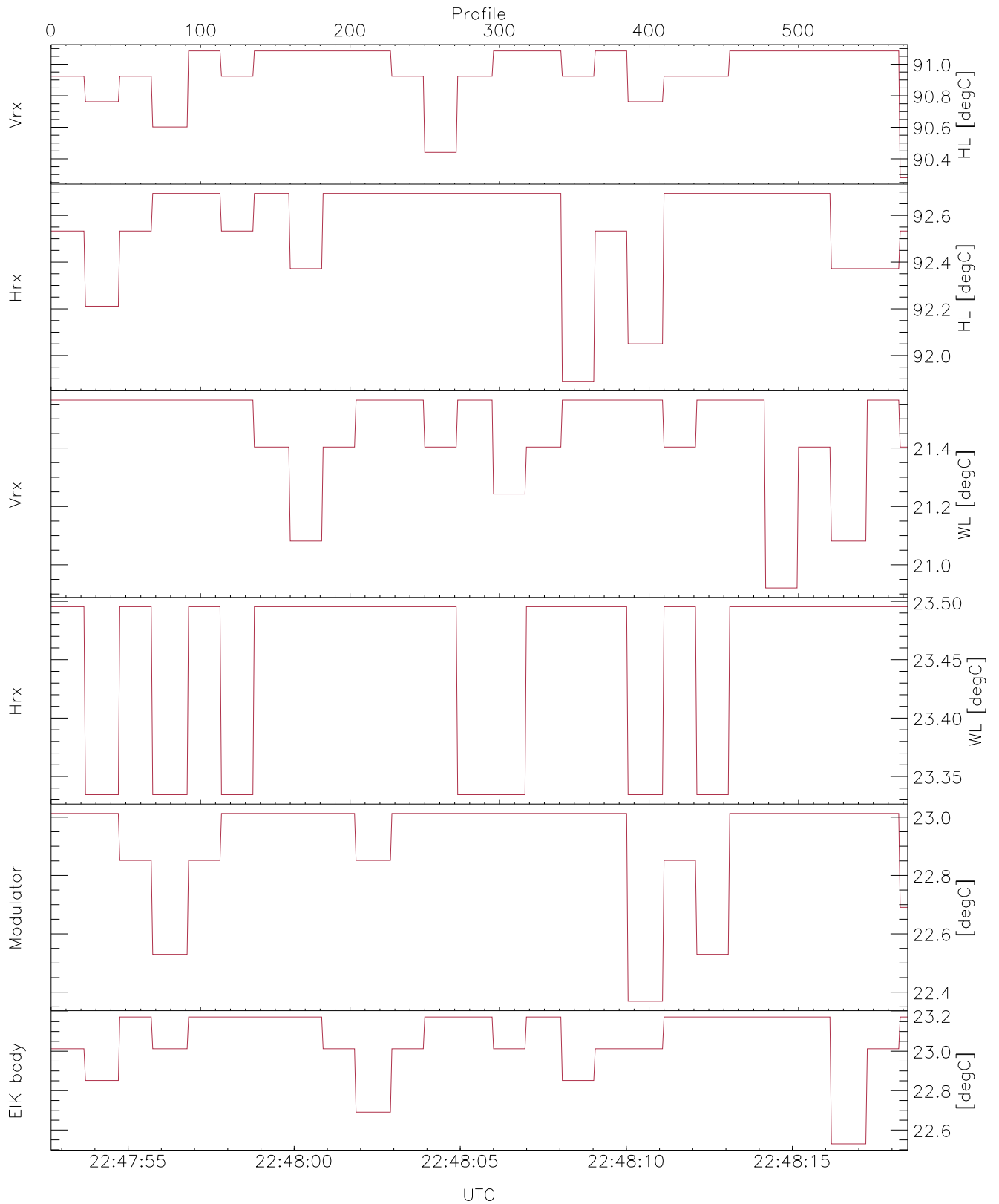


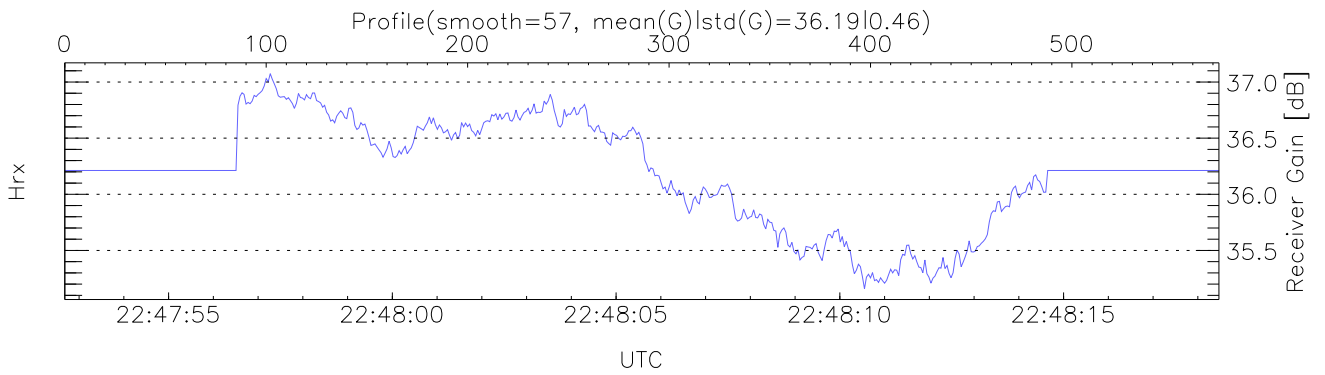
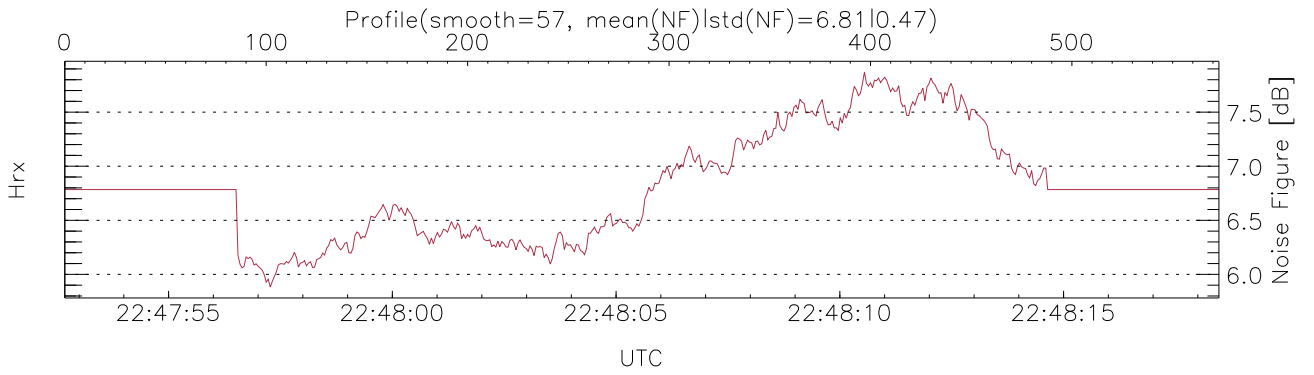
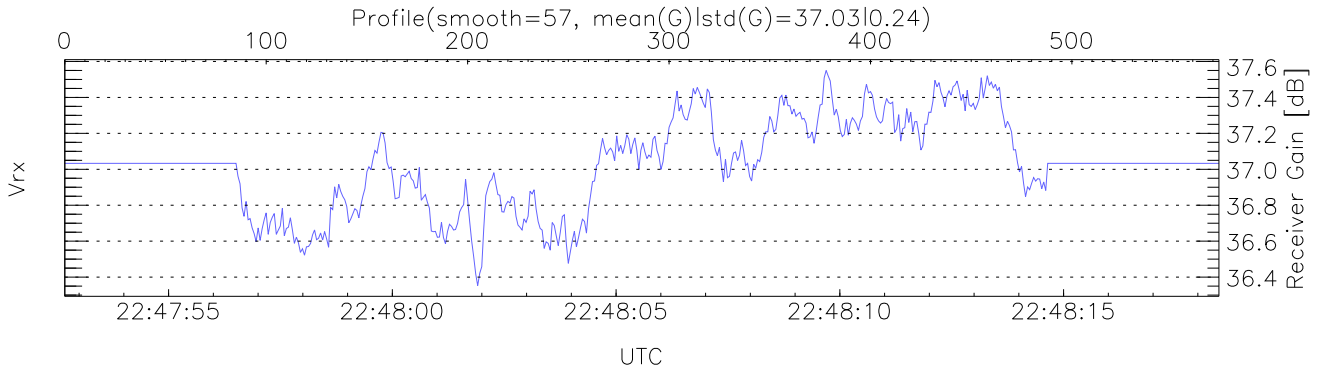
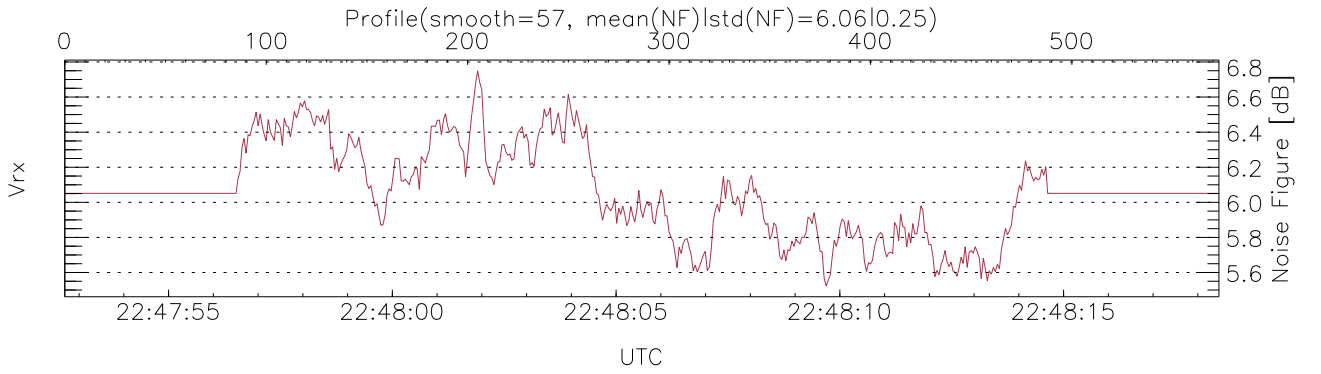
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 22:47:53-22:48:18, TimeCor: 0.00s, Dur: 25.79s
 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): 574/574, 0-573/22:47:53-22:48:18
 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



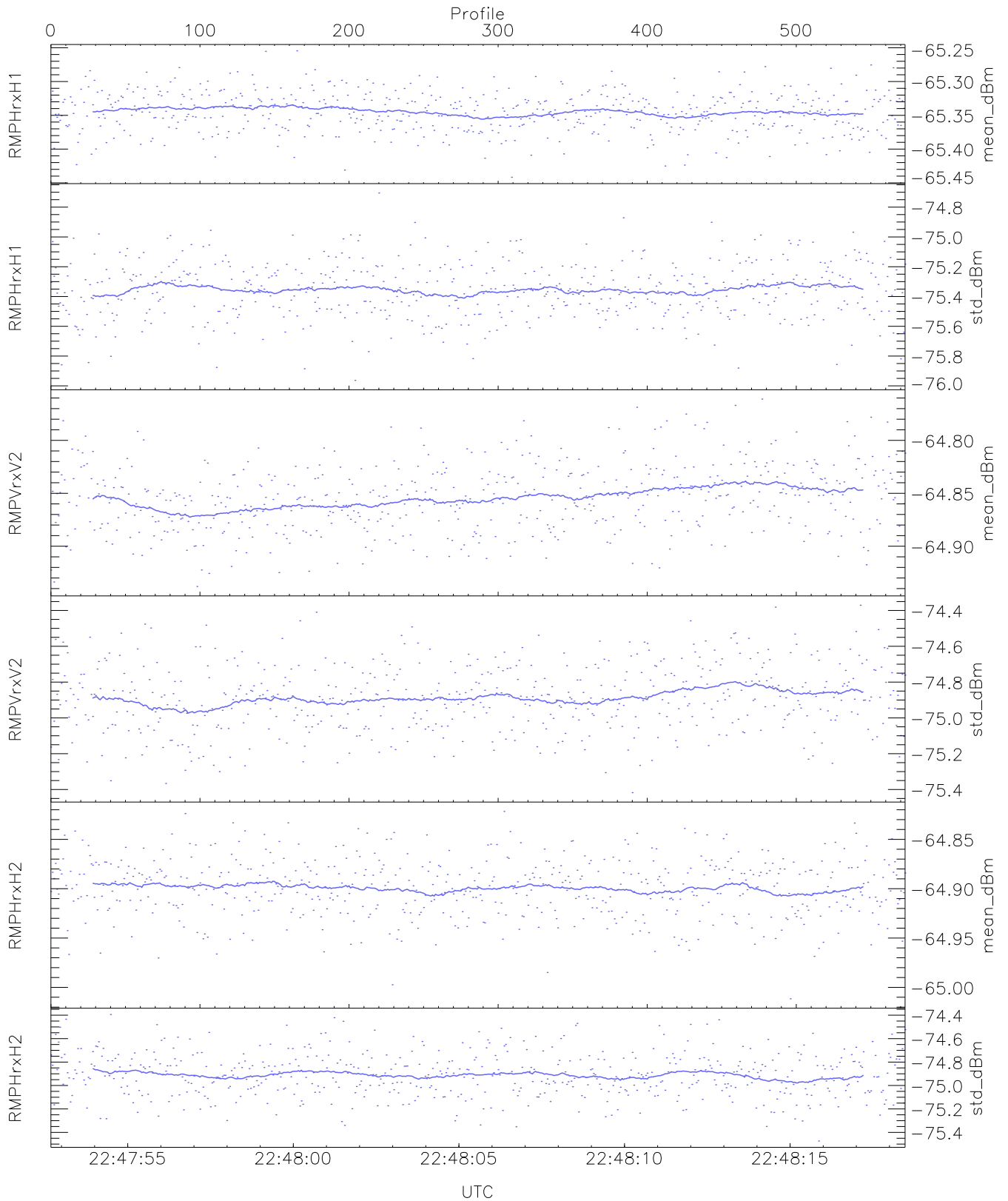
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,20,23,22,22
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,21,23,23,23
 LOalarm(20,240,2817,14861 MHz): None
 EIK/Modulator Faults: None



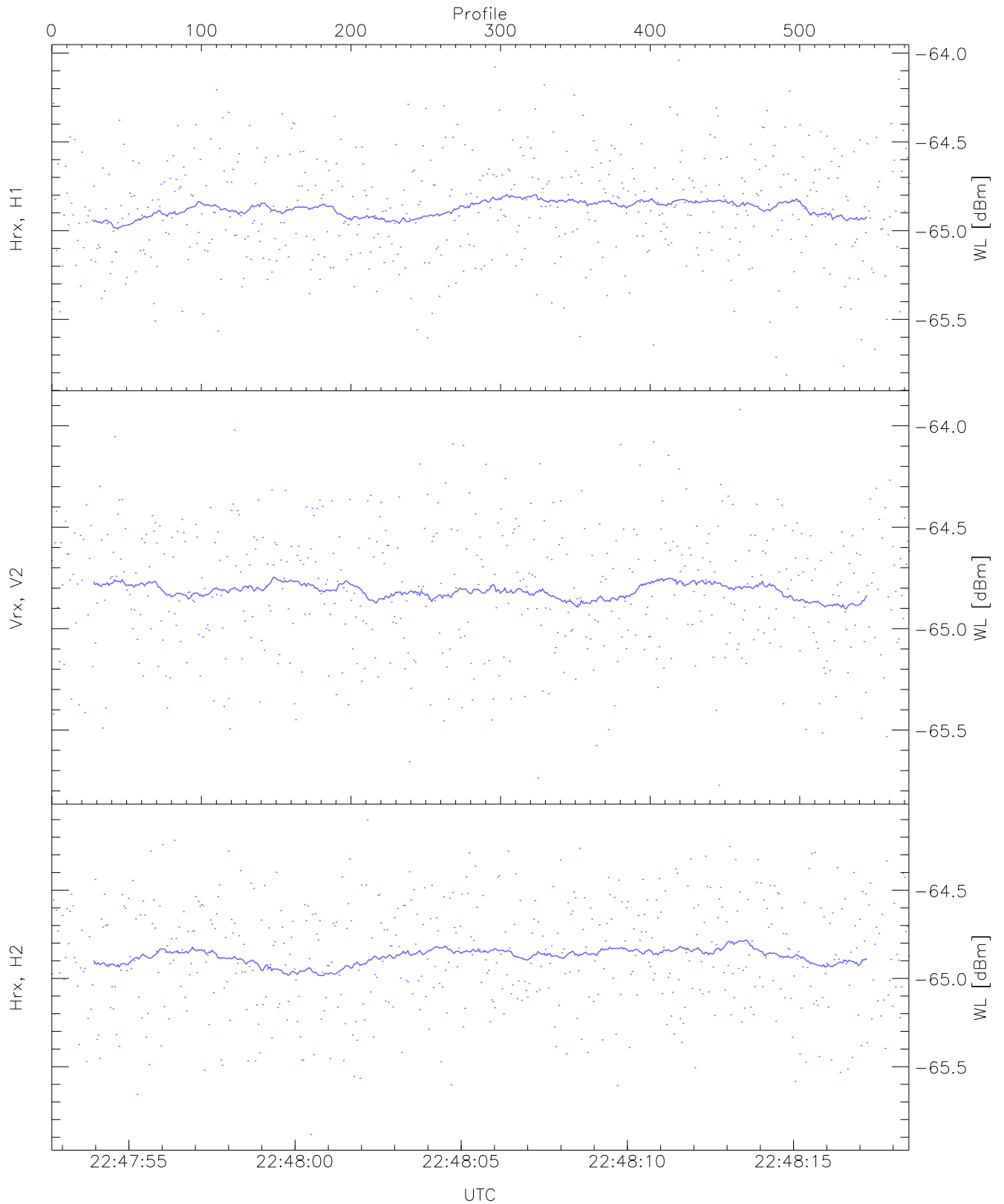
WCR3 CPP Receivers Gain and Noise Figure

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



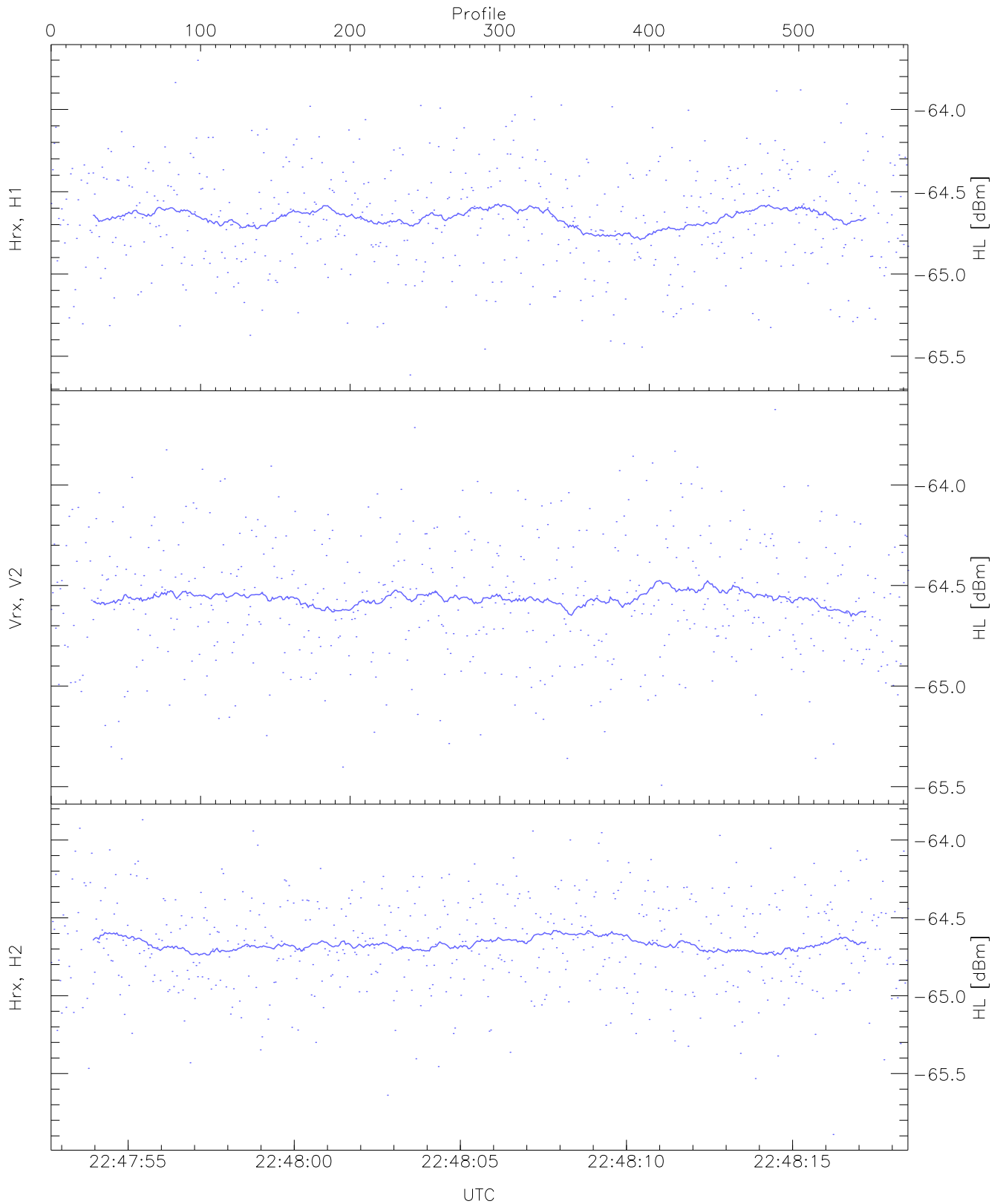
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.44	-65.25	-65.34	-65.34	-87.11
RMPHrxH1(std_dBm)	-75.96	-74.70	-75.35	-75.35	-89.14
RMPVrxV2(mean_dBm)	-64.94	-64.76	-64.85	-64.85	-86.32
RMPVrxV2(std_dBm)	-75.42	-74.37	-74.88	-74.89	-88.62
RMPHrxH2(mean_dBm)	-65.01	-64.82	-64.90	-64.90	-86.64
RMPHrxH2(std_dBm)	-75.47	-74.39	-74.91	-74.91	-88.64



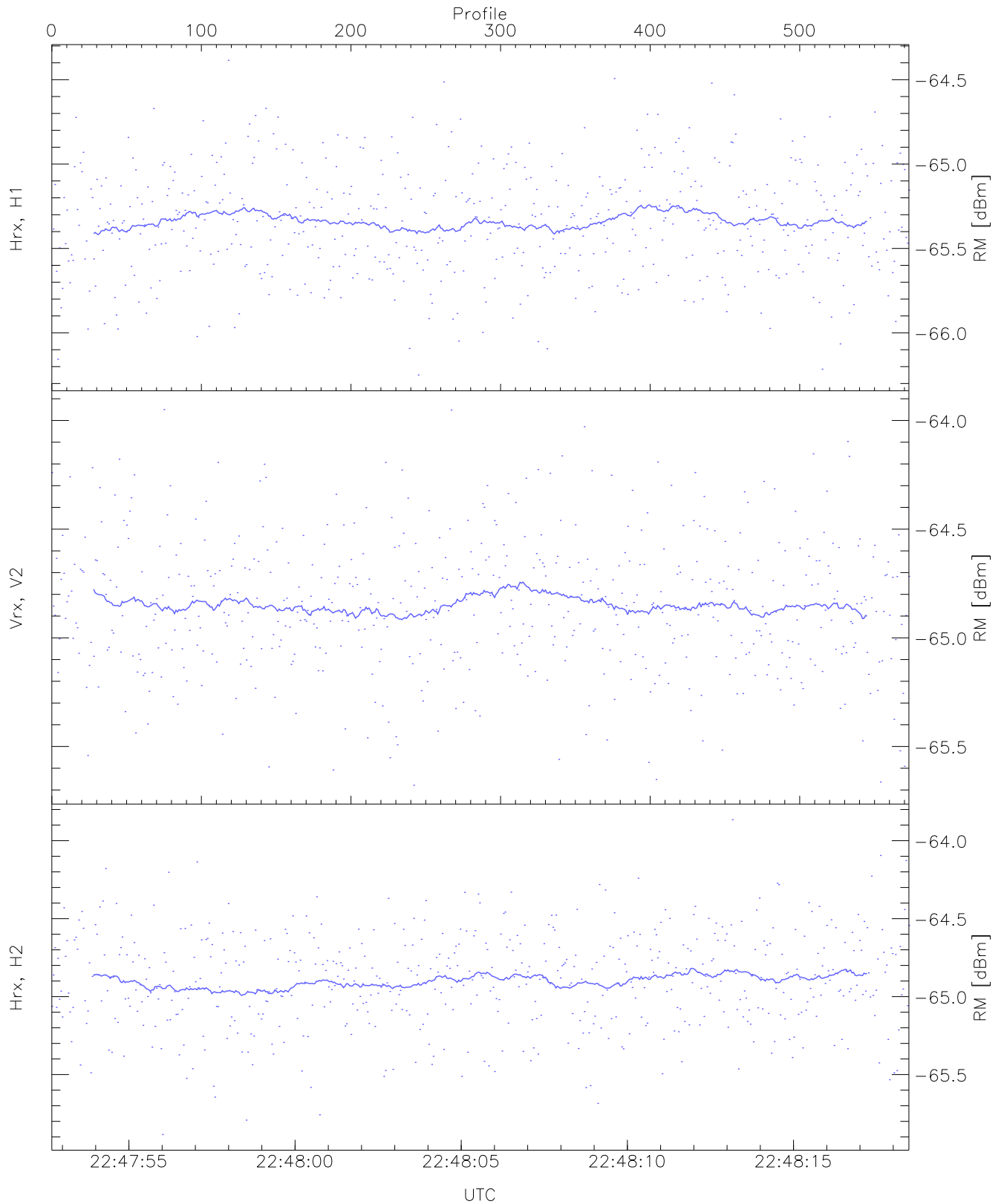
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-65.81	-64.04	-64.87	-64.88	-76.58
Vrx, V2(WL [dBm])	-65.77	-63.92	-64.80	-64.79	-76.30
Hrx, H2(WL [dBm])	-65.88	-64.10	-64.87	-64.88	-76.44



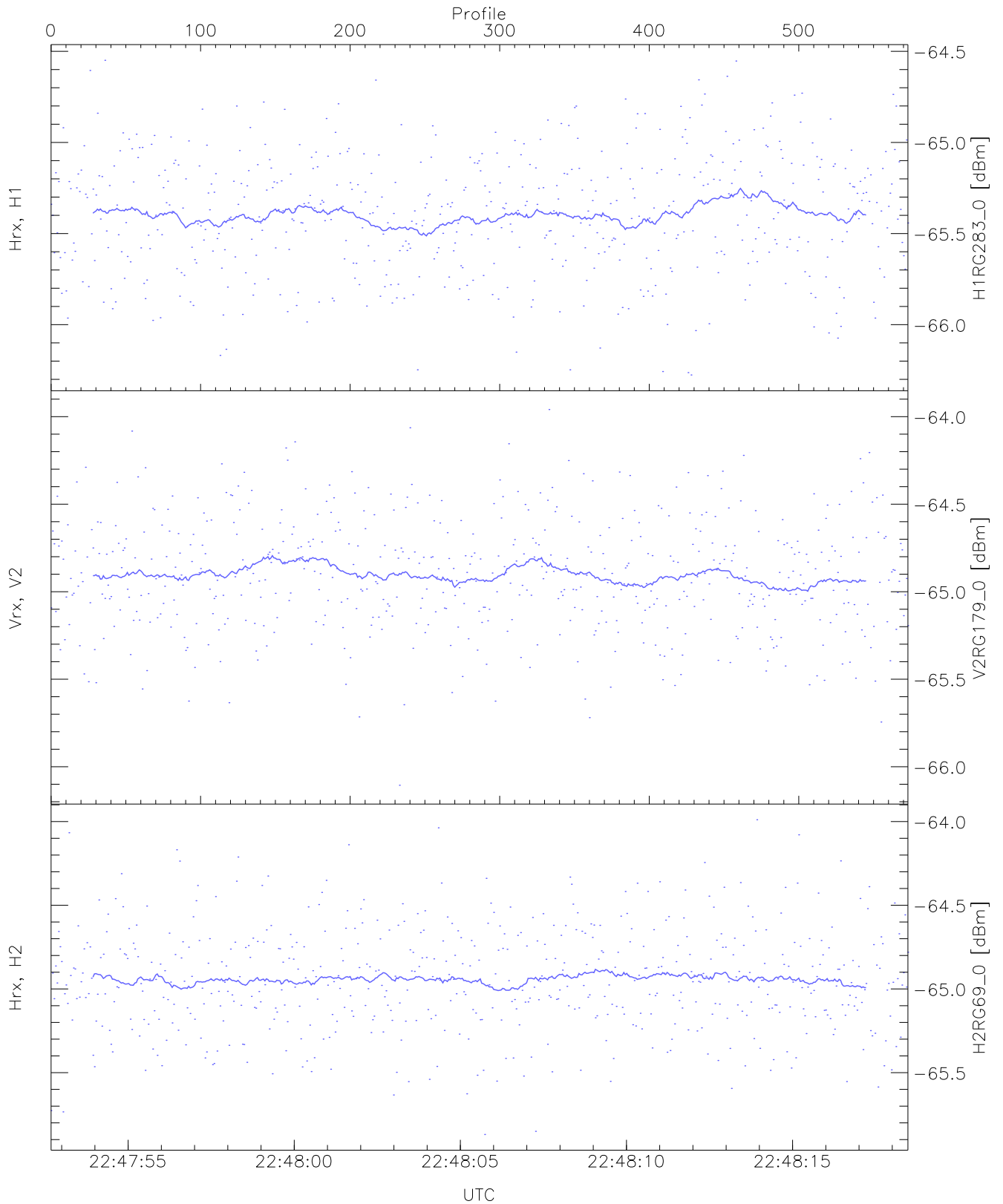
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.61	-63.70	-64.65	-64.66	-76.04
Vrx, V2 (HL [dBm])	-65.49	-63.62	-64.56	-64.58	-76.07
Hrx, H2 (HL [dBm])	-65.89	-63.87	-64.66	-64.66	-76.18



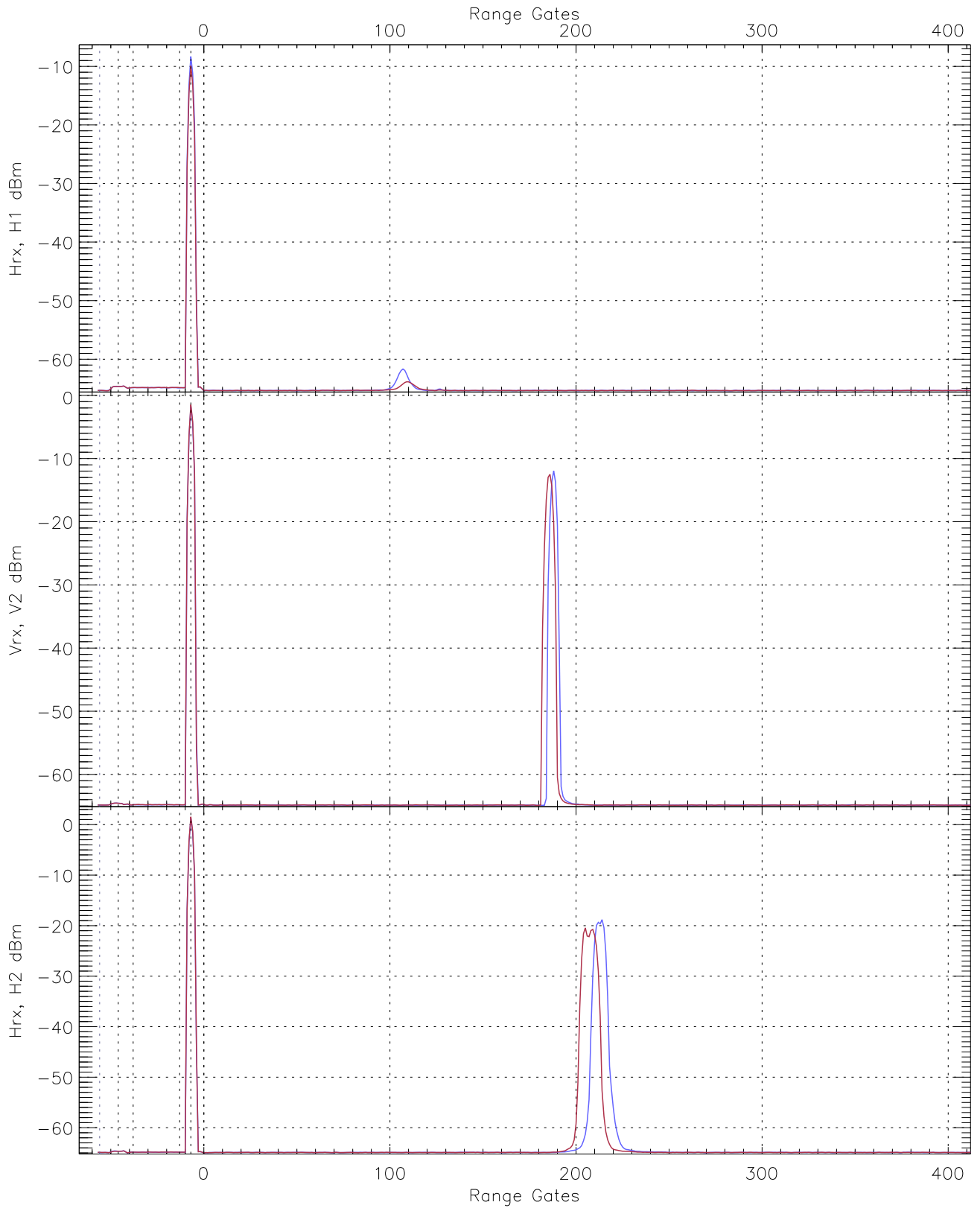
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.25	-64.39	-65.33	-65.34	-76.74
Vrx, V2 (RM [dBm])	-65.68	-63.95	-64.84	-64.85	-76.35
Hrx, H2 (RM [dBm])	-65.88	-63.87	-64.89	-64.89	-76.49

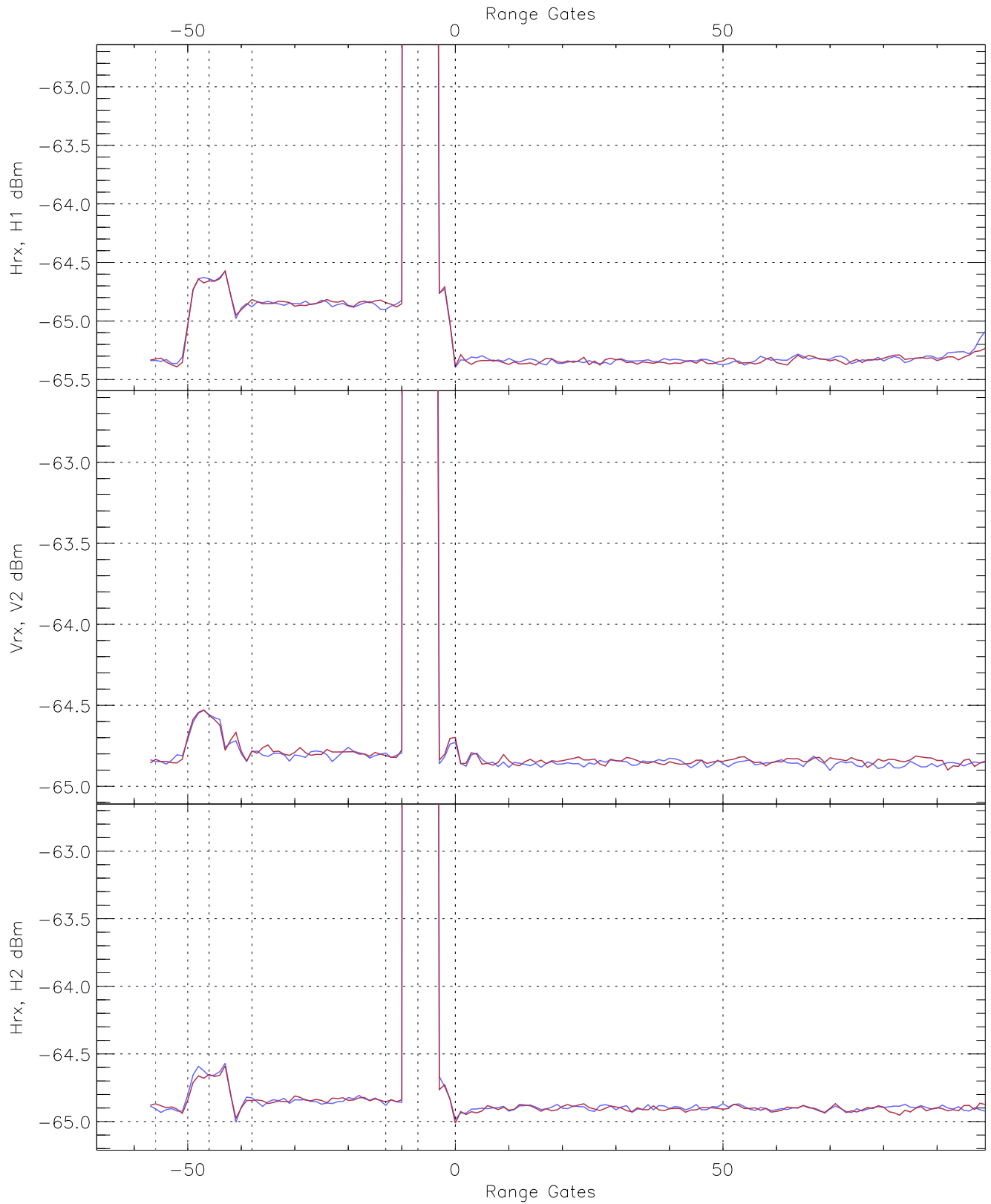


WCR3 CPP "Best" estimate Receivers Noise Power

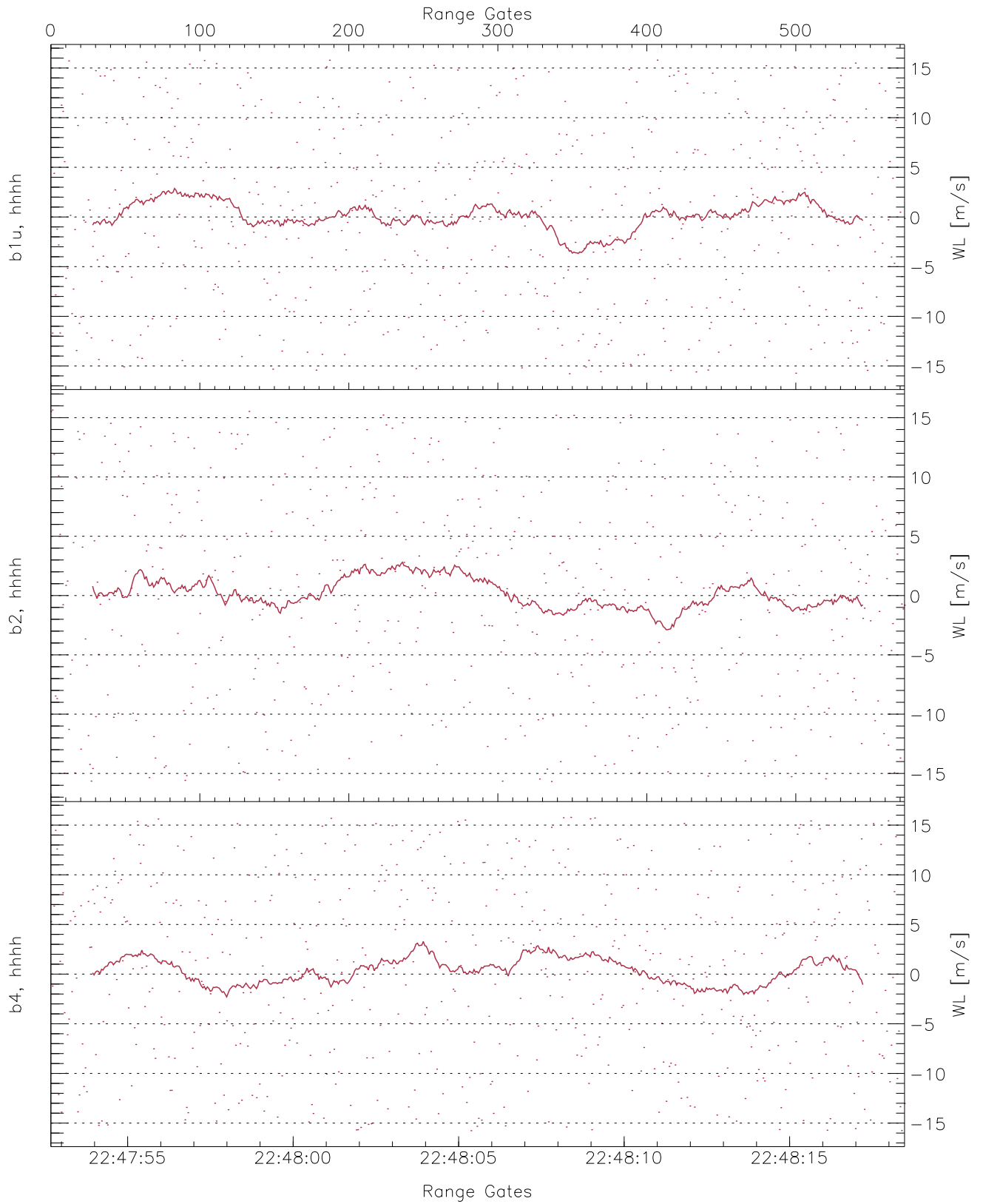
	Min	Max	Mean	Median	StDev
H1RG283_0 [dBm]	-66.28	-64.55	-65.38	-65.38	-76.70
V2RG179_0 [dBm]	-66.11	-63.96	-64.90	-64.91	-76.24
H2RG69_0 [dBm]	-65.87	-63.99	-64.94	-64.96	-76.40



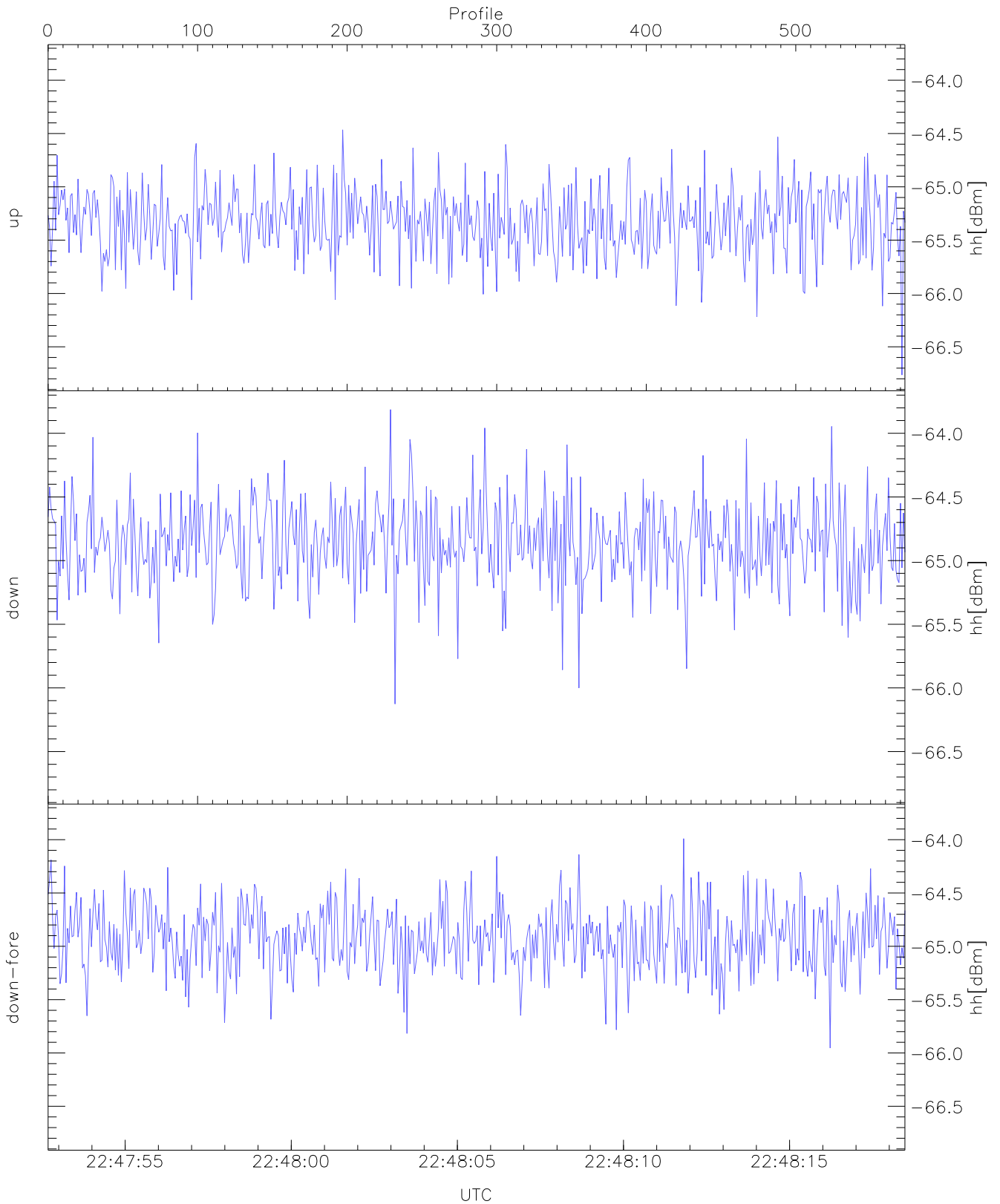
WCR3 CPP Averaged Received power for all recorded gates
blue: 224753-224806, 288 profiles averaged
red: 224806-224818, 287 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 224753-224806, 288 profiles averaged
red: 224806-224818, 287 profiles averaged

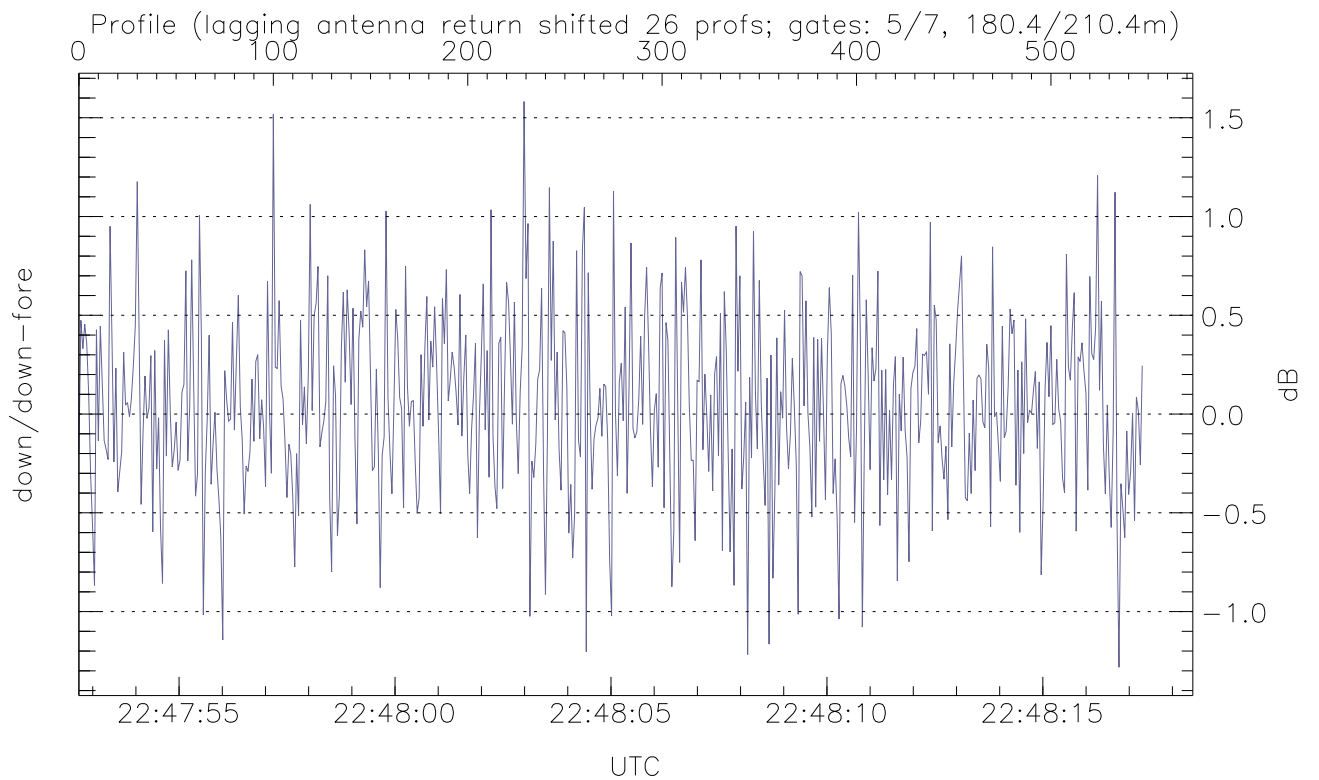
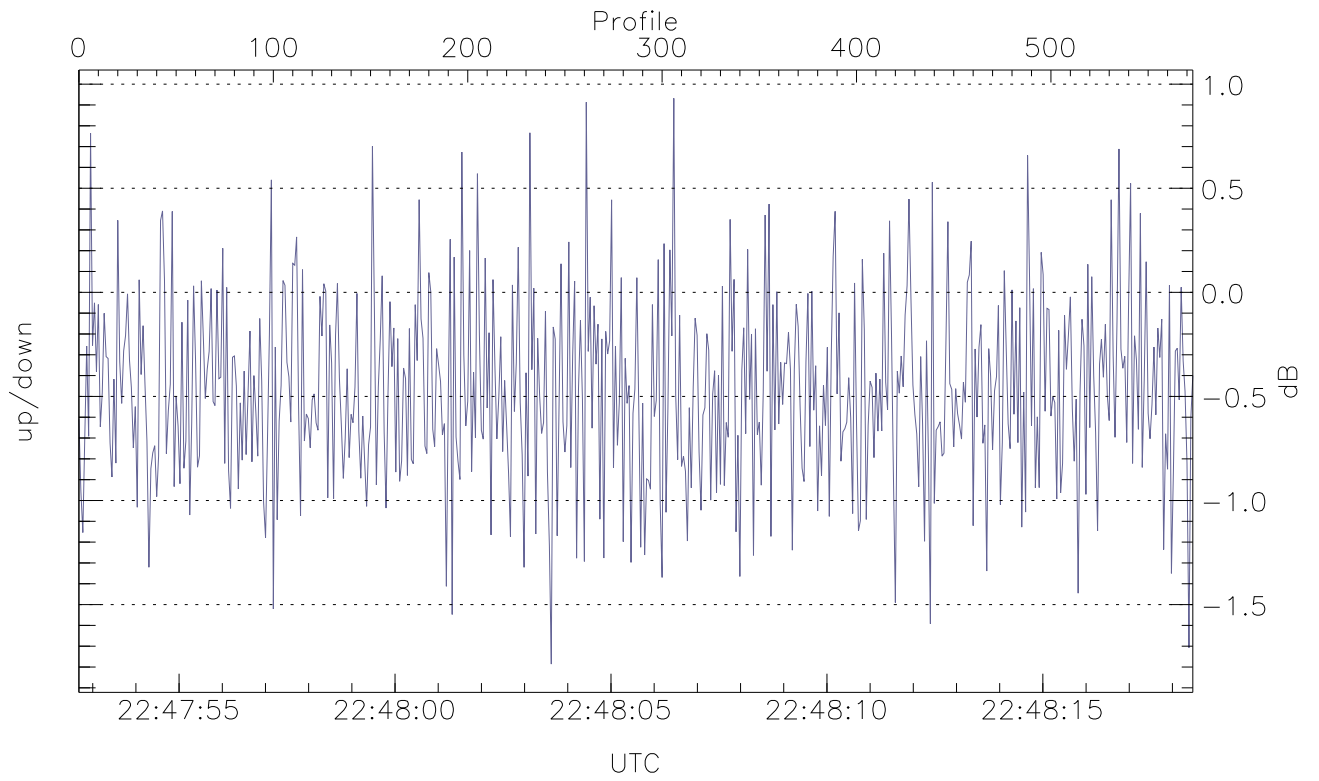


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



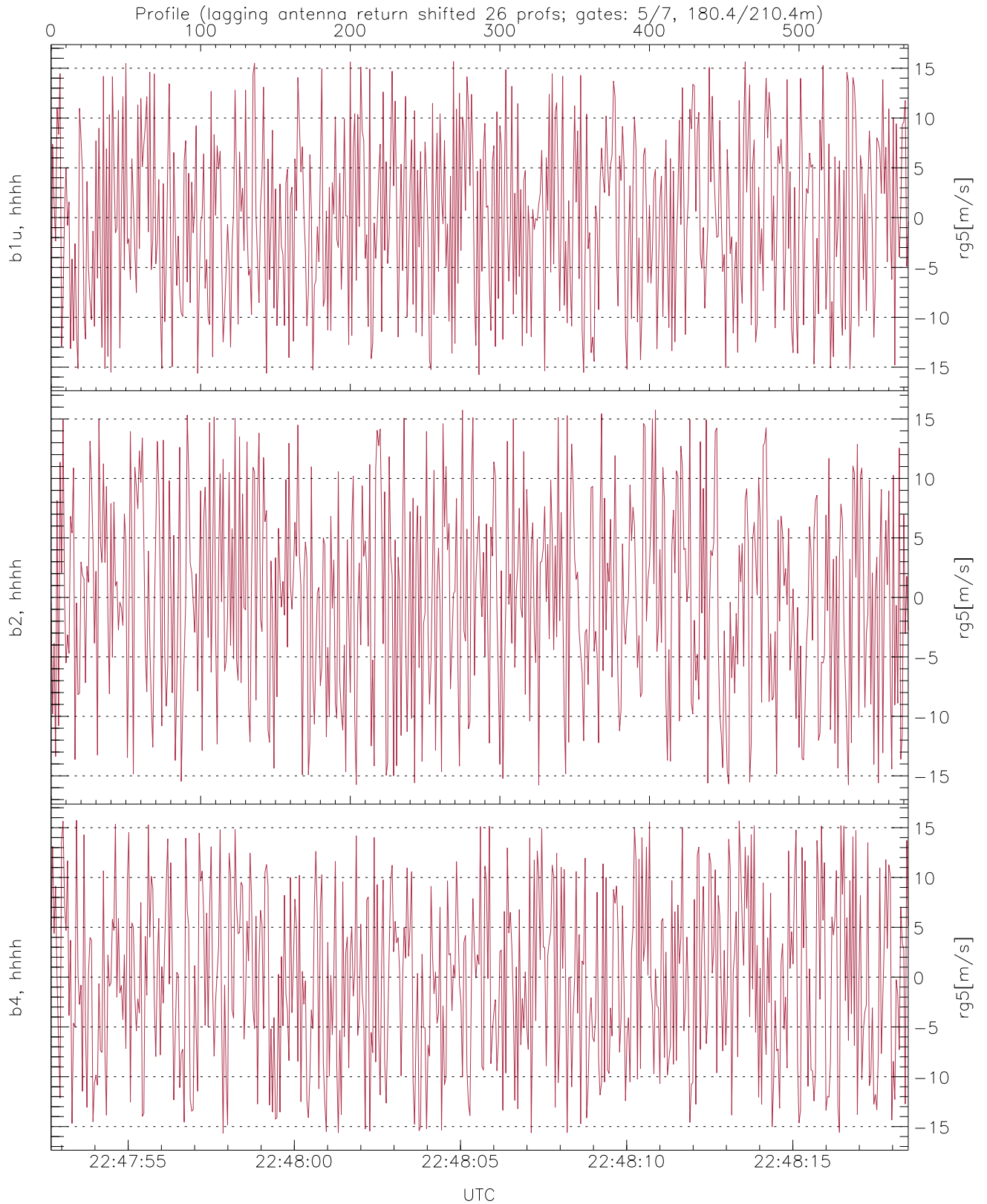
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.76	-64.46	-65.32
down(hh[dBm])	-66.13	-63.81	-64.85
down-fore(hh[dBm])	-65.95	-63.99	-64.91



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

	Min	Max	Mean
up/down (dB)	-1.79	0.93	-0.47
down/down-fore (dB)	-1.28	1.58	0.05



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.68	0.05	8.42
b2, hhhh(rg5[m/s])	-15.78	15.77	0.08	8.29
b4, hhhh(rg5[m/s])	-15.67	15.74	-0.32	8.65