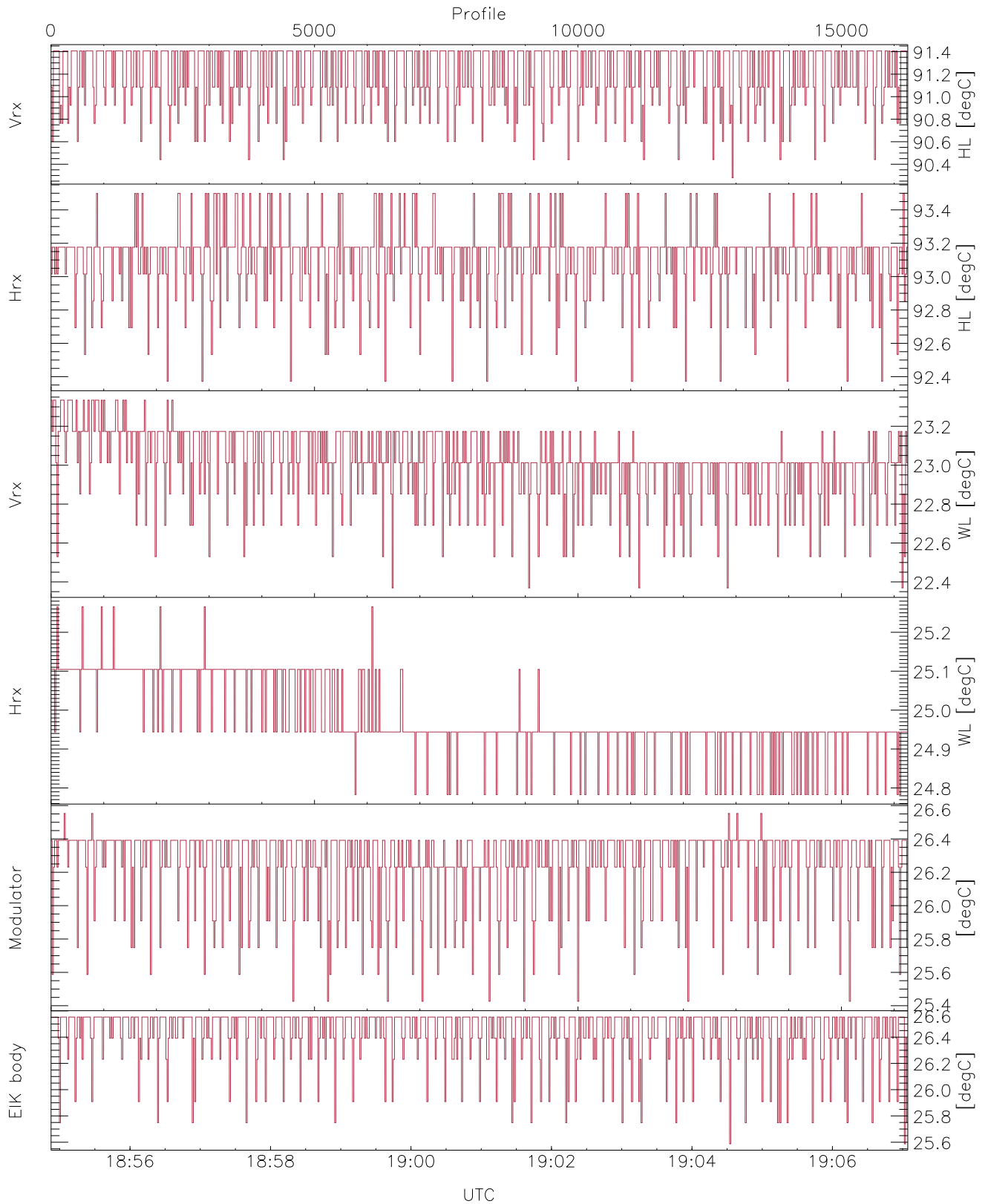


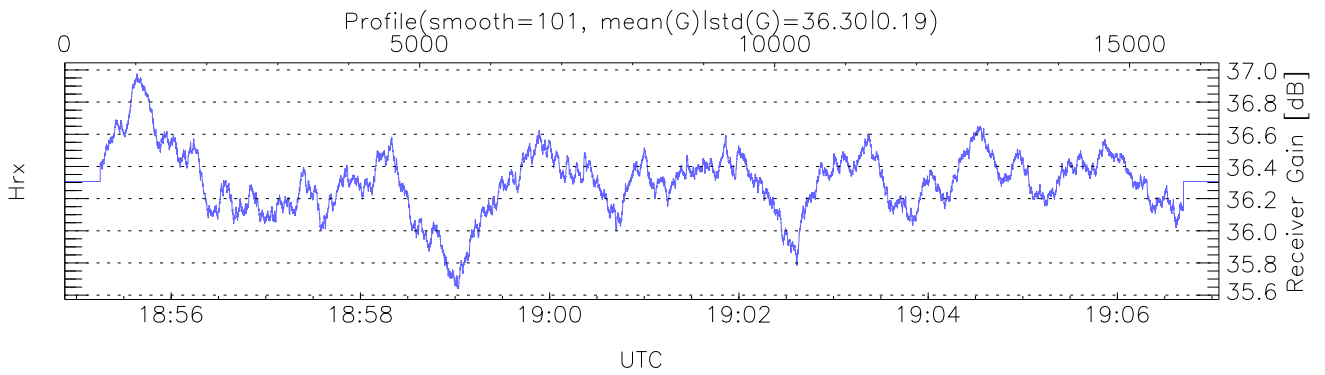
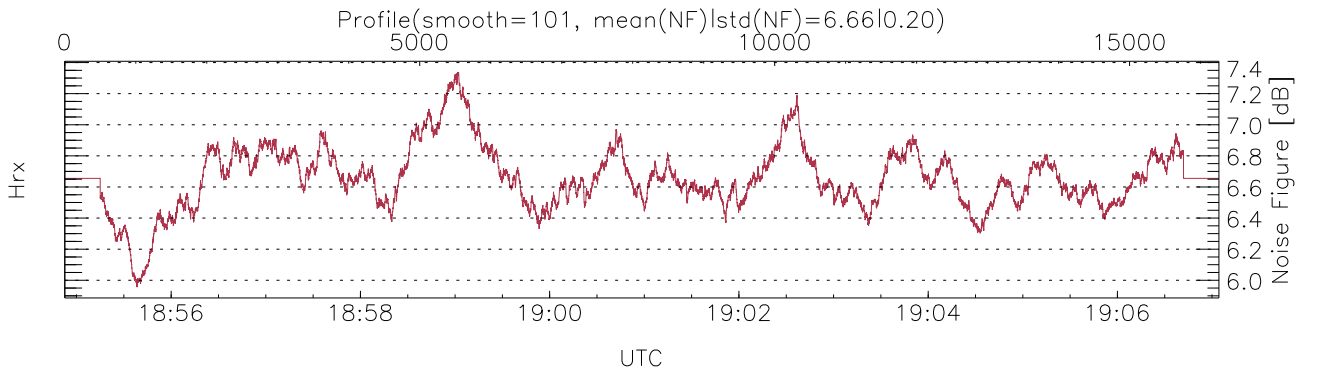
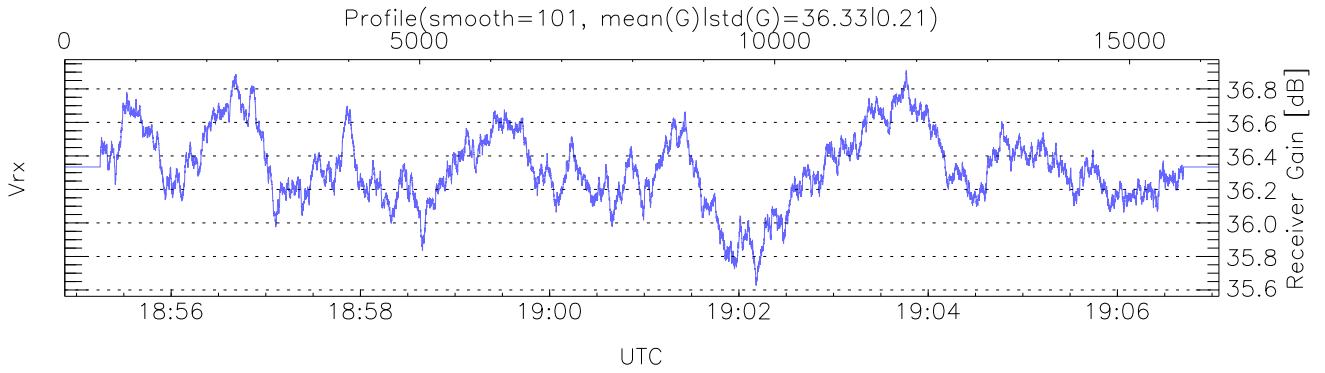
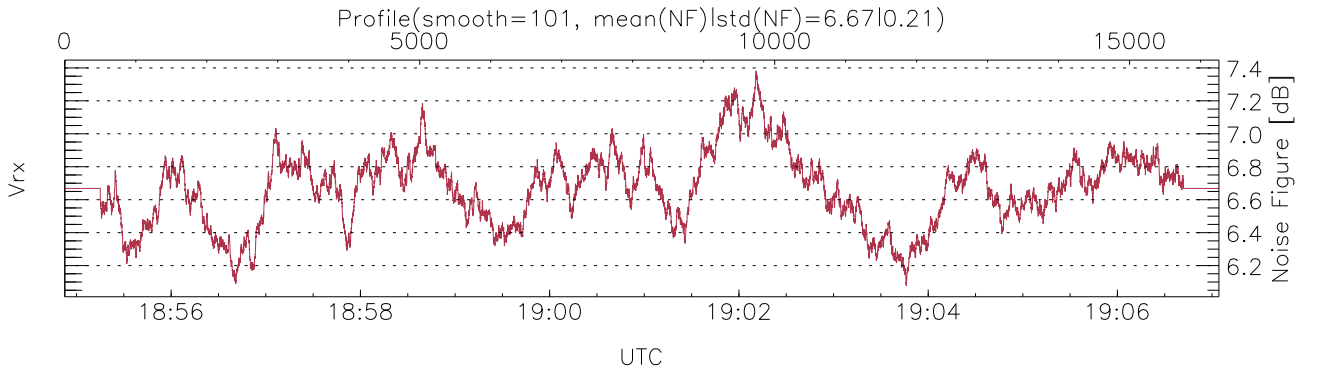
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 18:54:53-19:07:04, TimeCor: 0.00s, Dur: 731.84s  
 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): 16260/16260, 0-16259/18:54:53-19:07:04  
 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



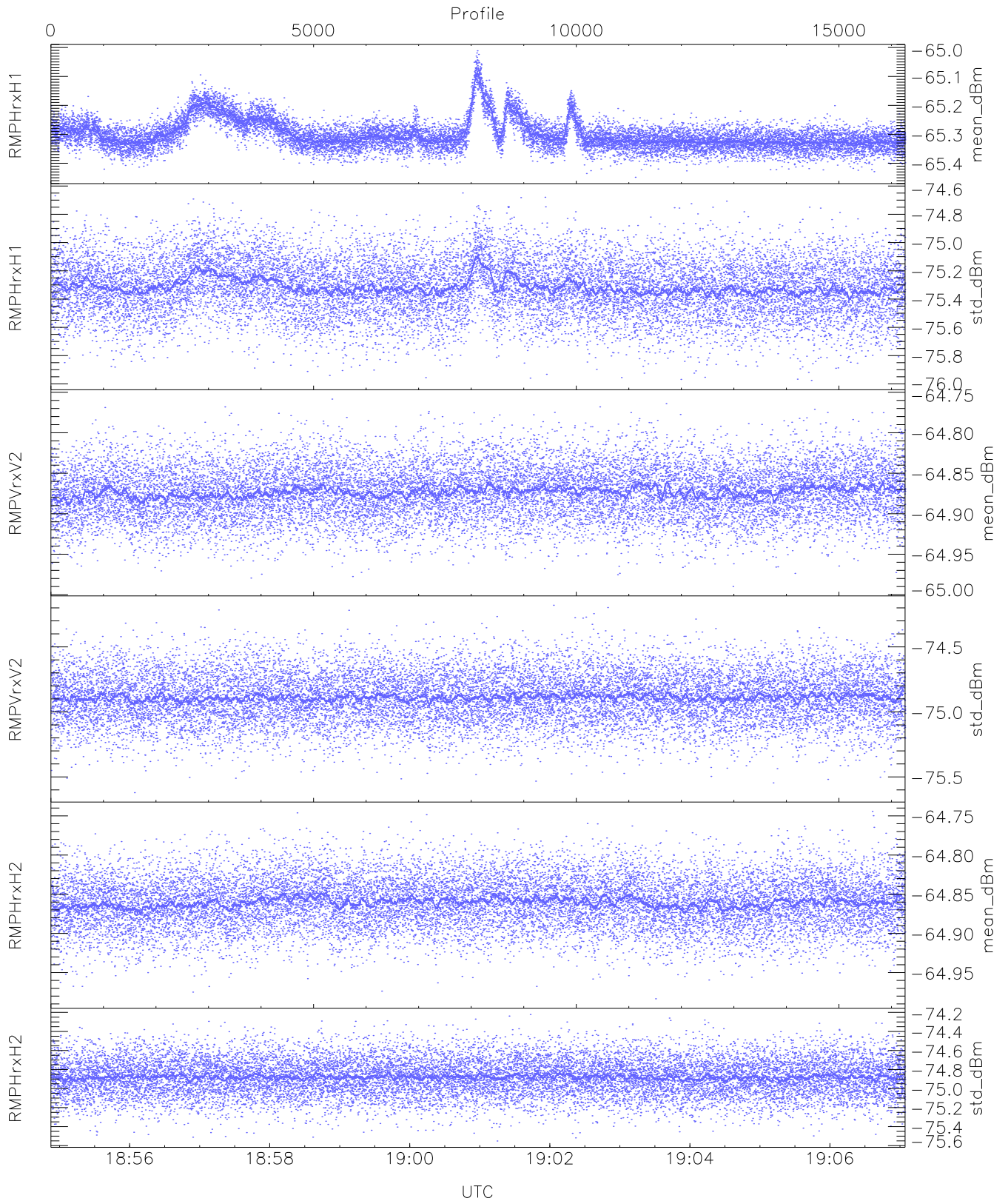
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,22,24,25,25  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,23,25,26,26  
LOalarm(20,240,2817,14861 MHz): None  
EIK/Modulator Faults: None



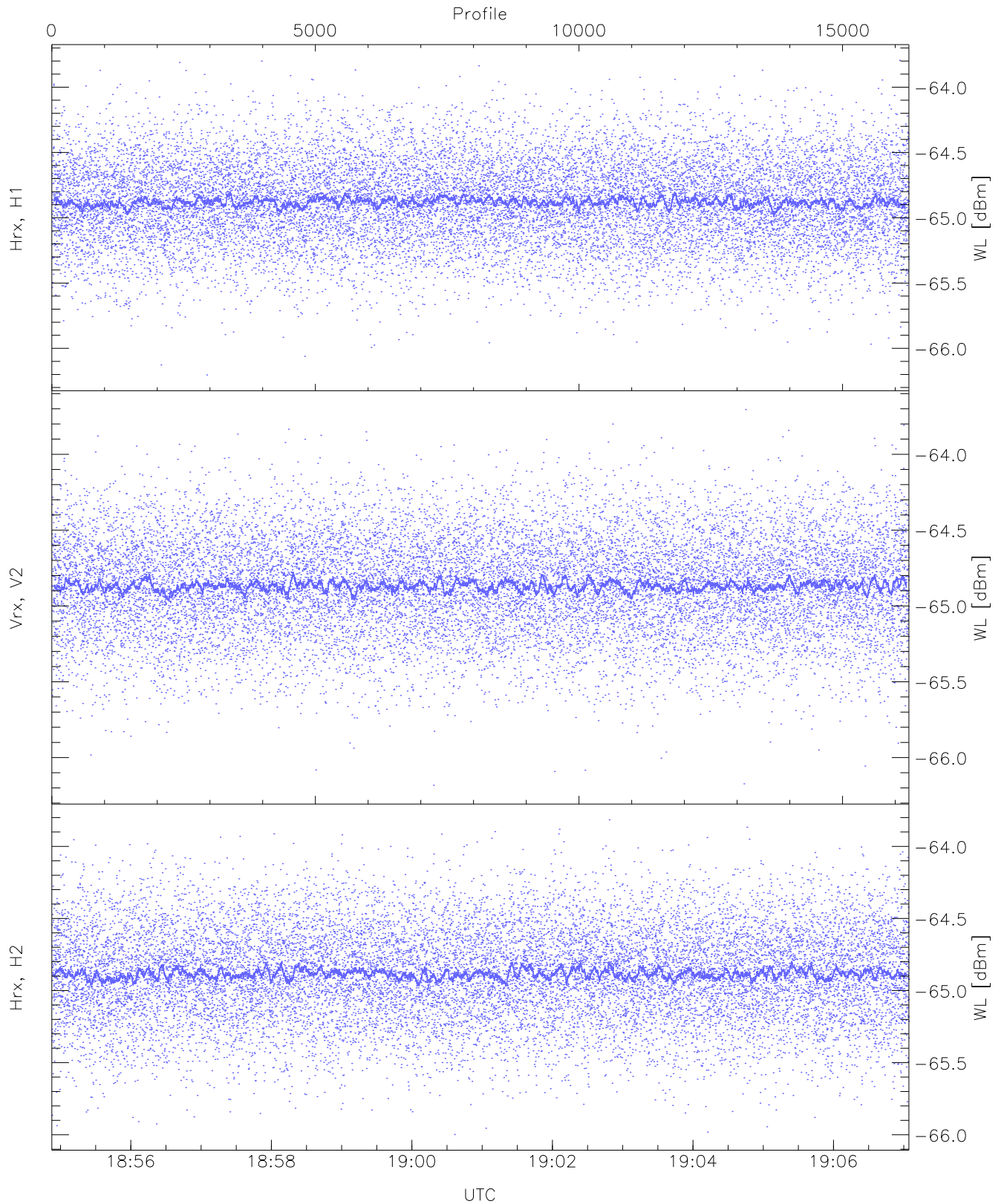
### WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 2 pixs, 1 gates, 2 profs, 1 prod(s)



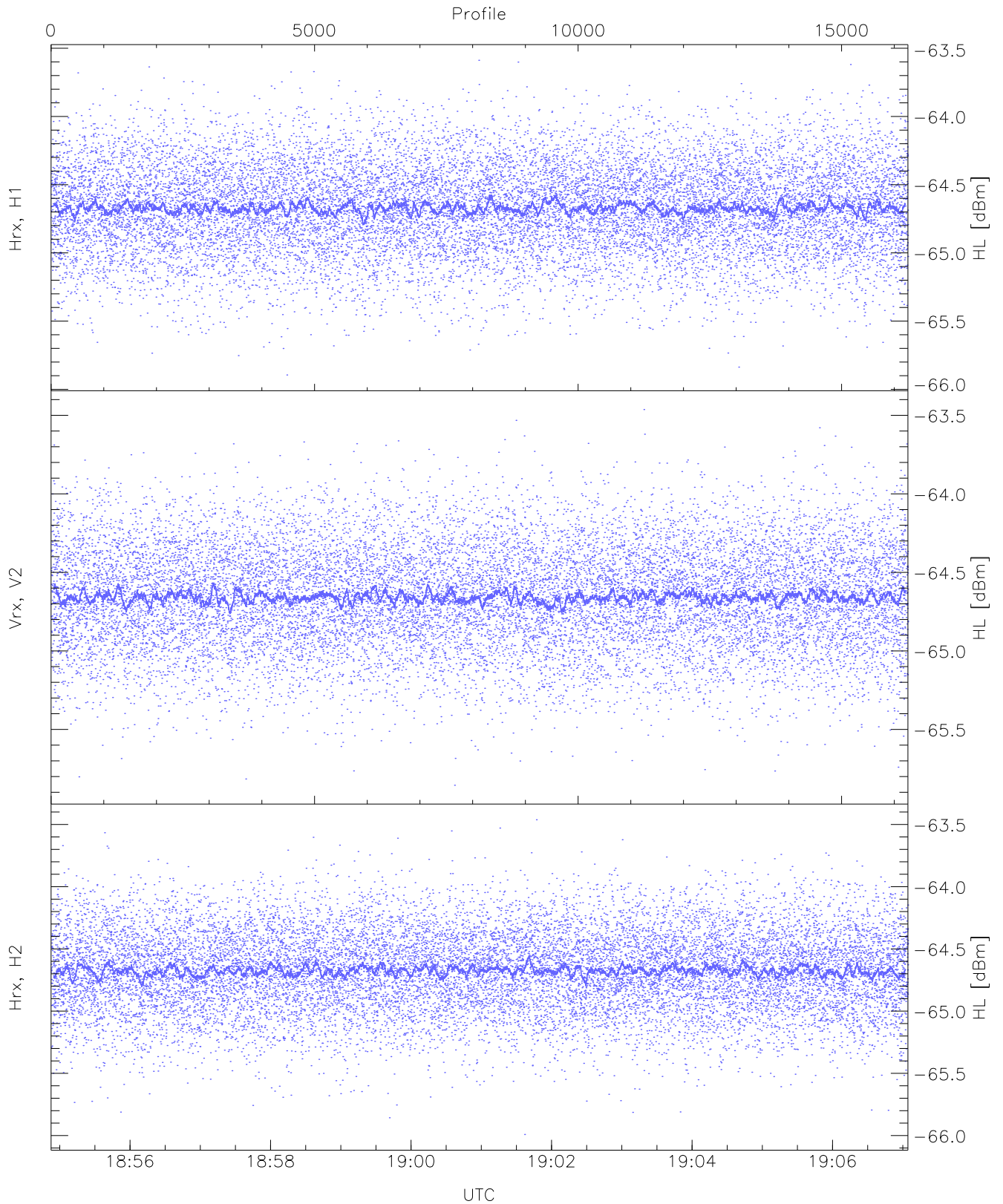
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.45	-65.01	-65.30	-65.31	-84.48
RMPHrxH1(std_dBm)	-75.98	-74.65	-75.31	-75.31	-88.95
RMPVrxV2(mean_dBm)	-64.99	-64.76	-64.87	-64.87	-86.39
RMPVrxV2(std_dBm)	-75.62	-74.18	-74.89	-74.89	-88.67
RMPHrxH2(mean_dBm)	-64.98	-64.74	-64.86	-64.86	-86.41
RMPHrxH2(std_dBm)	-75.55	-74.22	-74.88	-74.88	-88.64



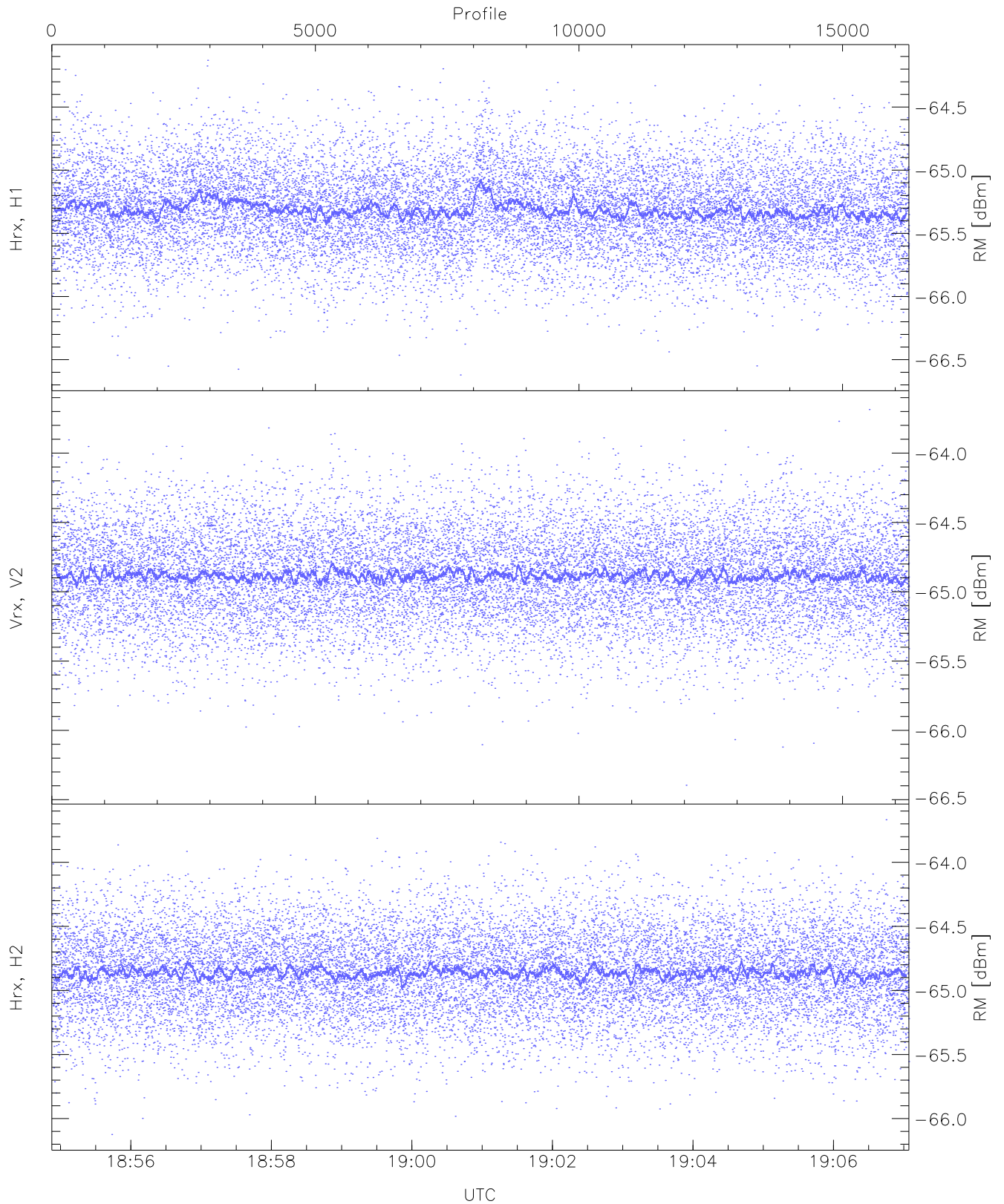
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.20	-63.79	-64.87	-64.88	-76.38
Vrx, V2 (WL [dBm])	-66.18	-63.70	-64.86	-64.87	-76.38
Hrx, H2 (WL [dBm])	-66.00	-63.82	-64.88	-64.88	-76.38



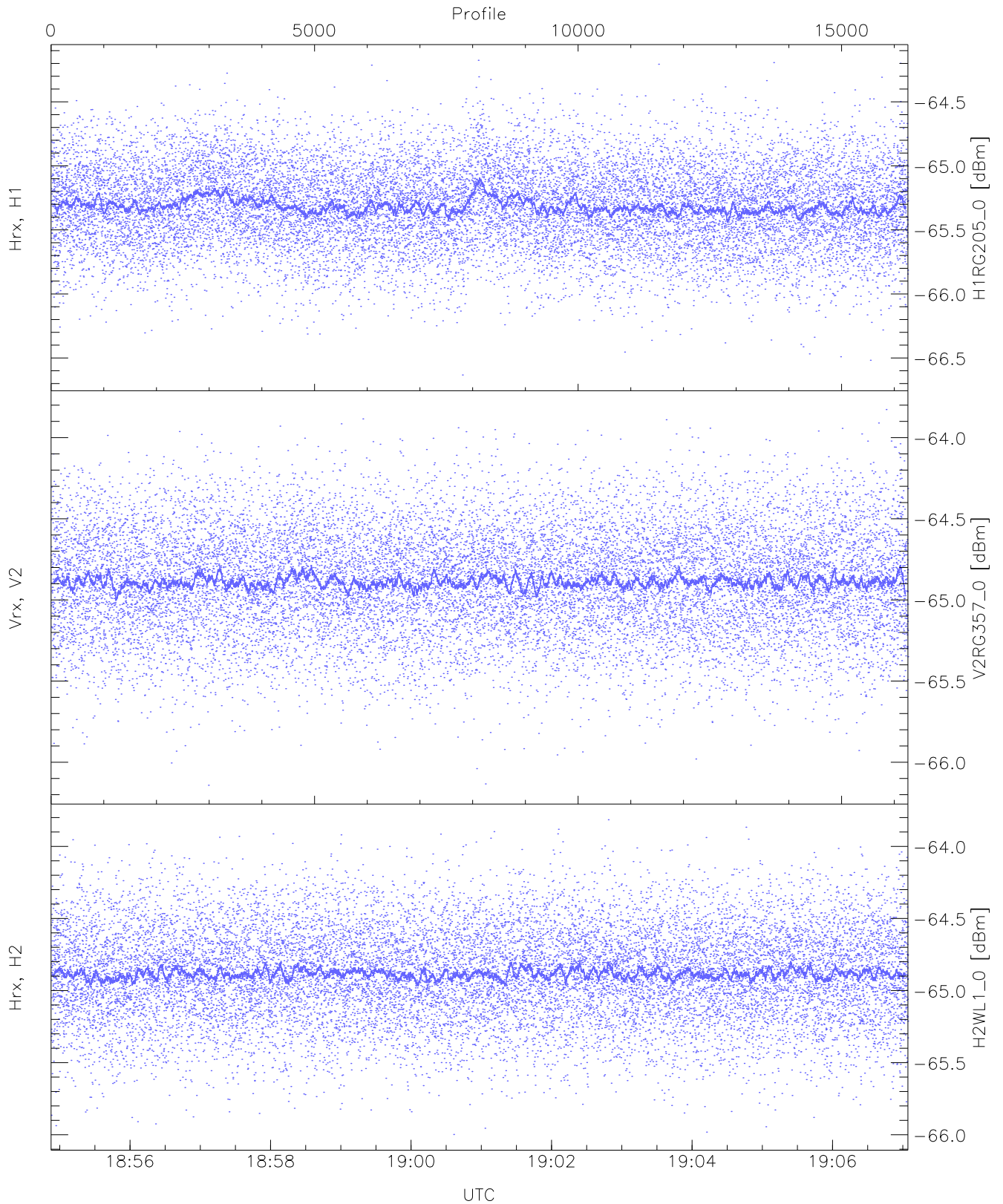
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.89	-63.59	-64.66	-64.67	-76.15
Vrx, V2 (HL [dBm])	-65.86	-63.46	-64.65	-64.66	-76.15
Hrx, H2 (HL [dBm])	-65.99	-63.46	-64.67	-64.67	-76.13



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

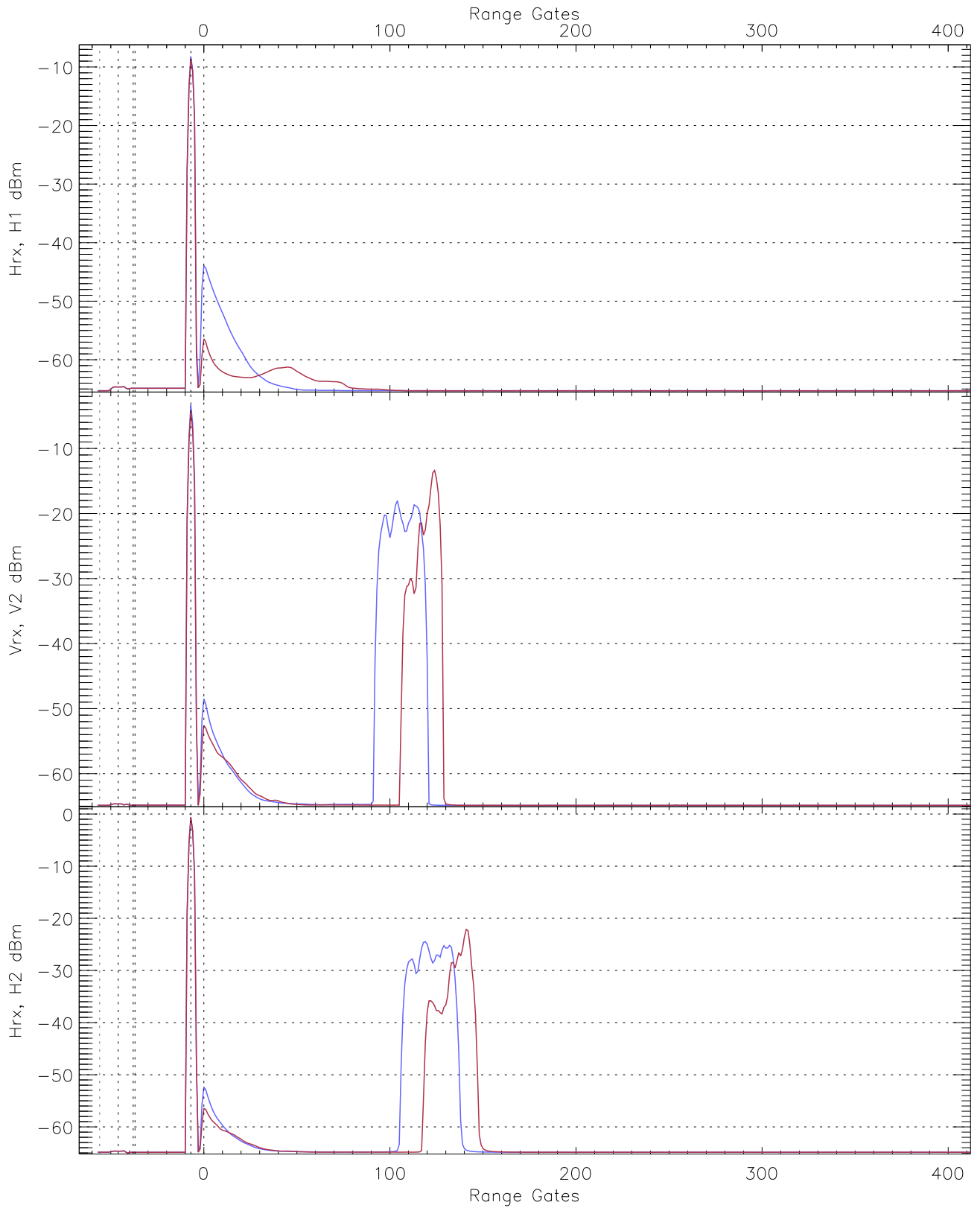
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.62	-64.13	-65.31	-65.32	-76.75
Vrx, V2 (RM [dBm])	-66.40	-63.69	-64.88	-64.88	-76.37
Hrx, H2 (RM [dBm])	-66.12	-63.67	-64.86	-64.86	-76.38



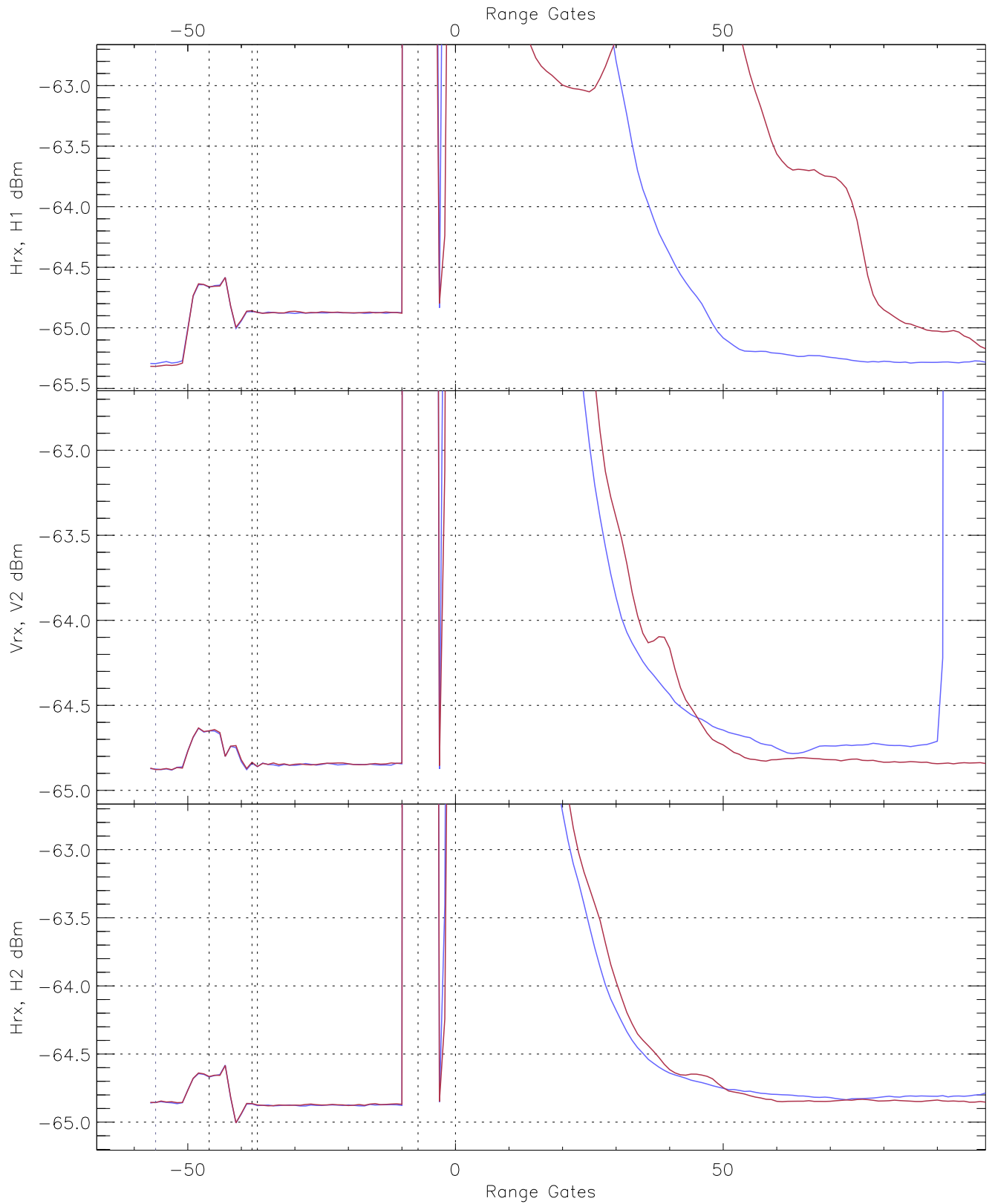
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG205_0 [dBm]	-66.63	-64.18	-65.31	-65.31	-76.81
V2RG357_0 [dBm]	-66.14	-63.83	-64.88	-64.89	-76.39
H2WL1_0 [dBm]	-66.00	-63.82	-64.88	-64.88	-76.38

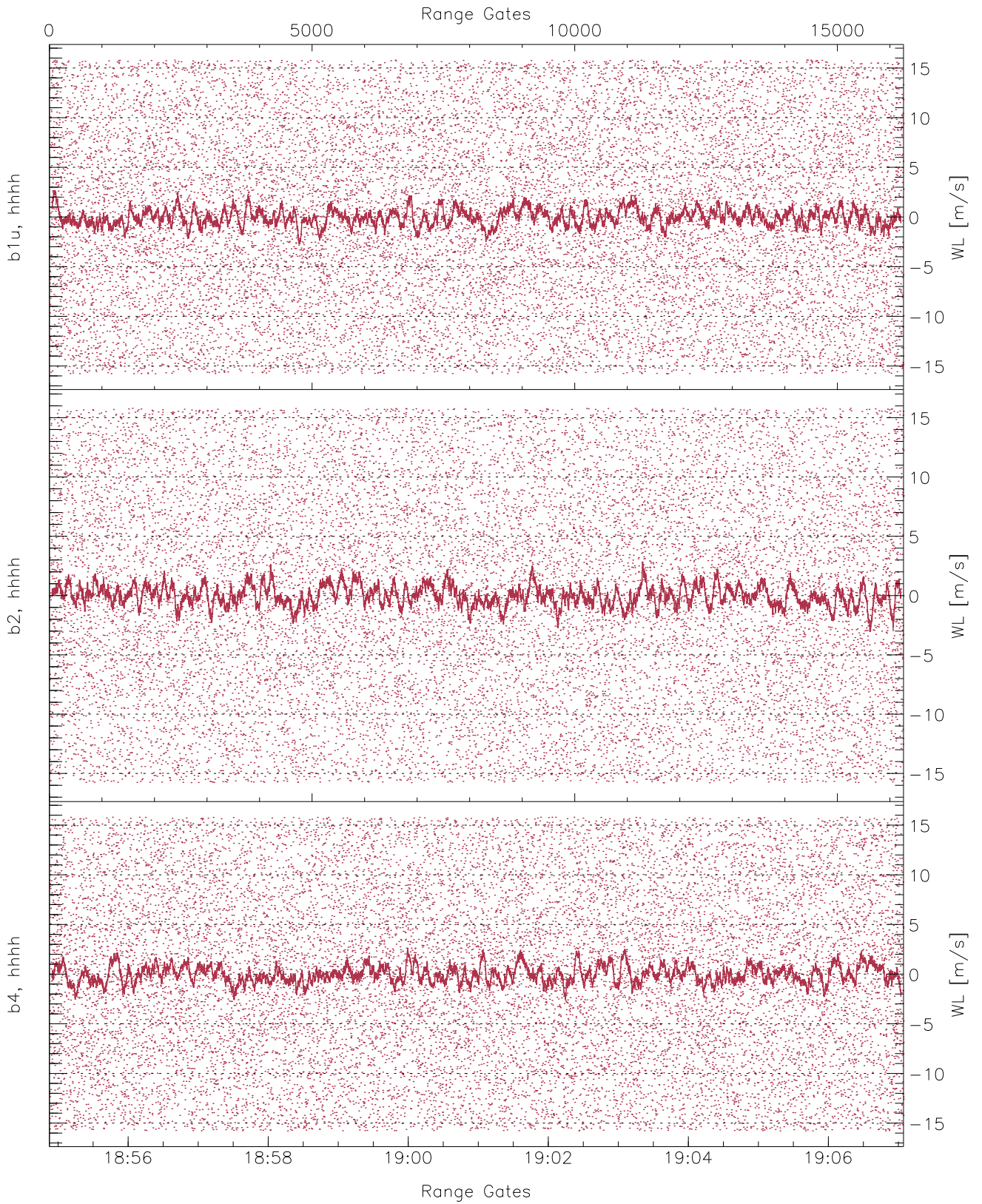




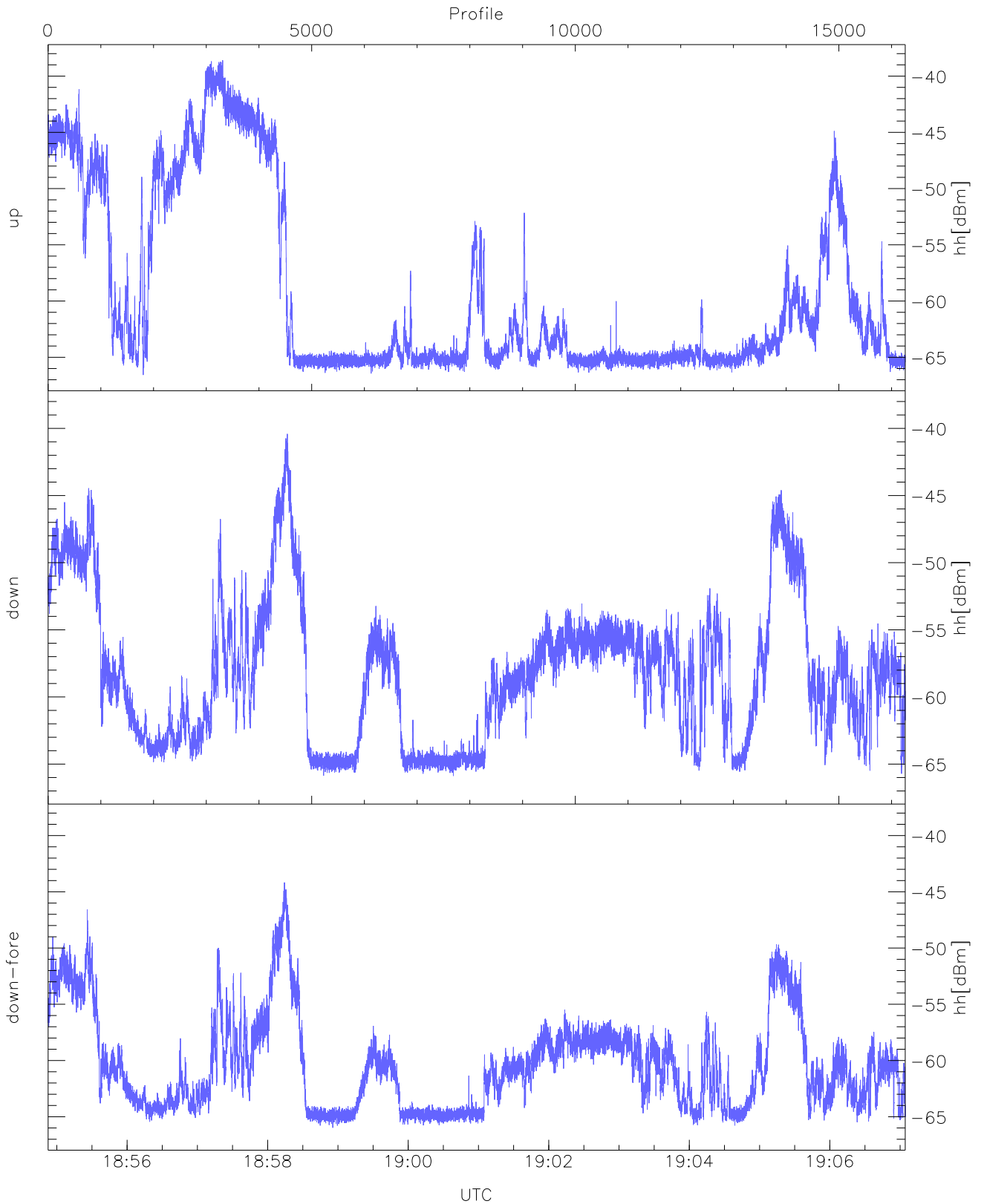
WCR3 CPP Averaged Received power for all recorded gates  
blue: 185453-190058, 8131 profiles averaged  
red: 190058-190704, 8130 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 185453-190058, 8131 profiles averaged  
red: 190058-190704, 8130 profiles averaged

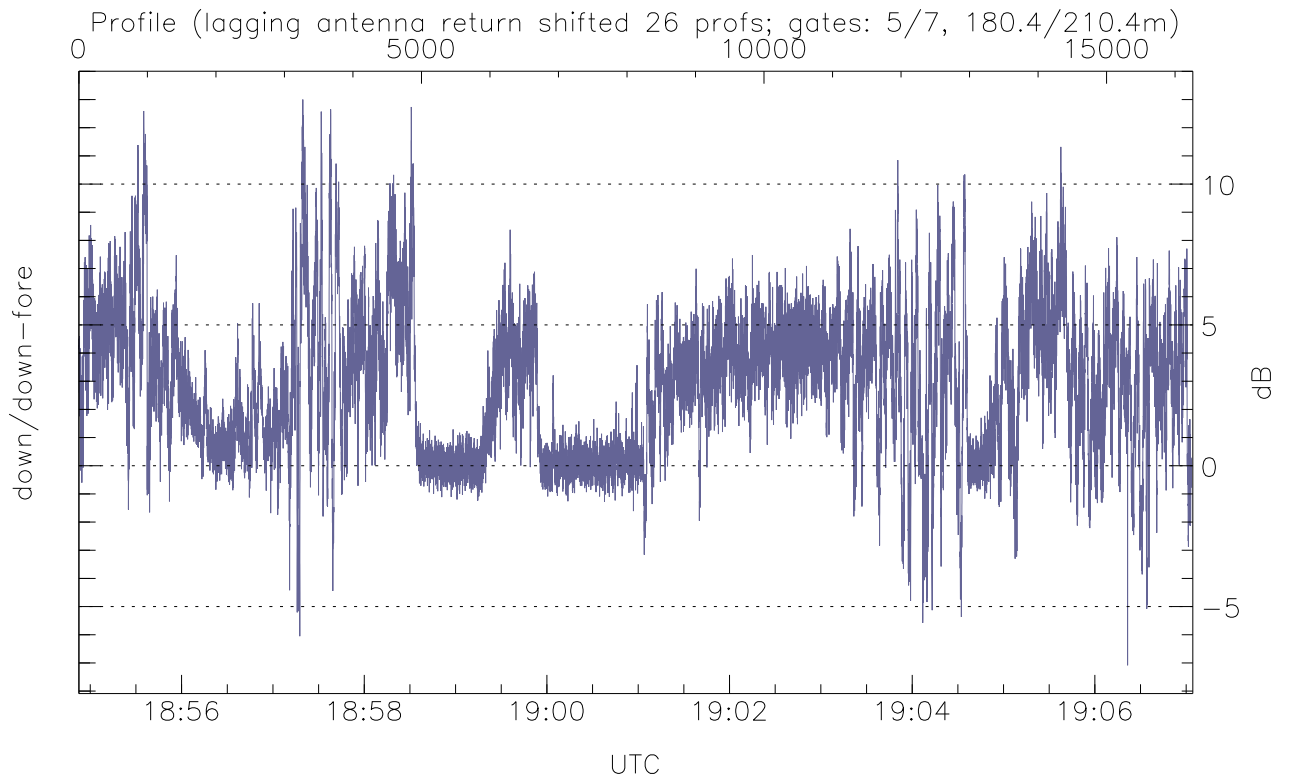
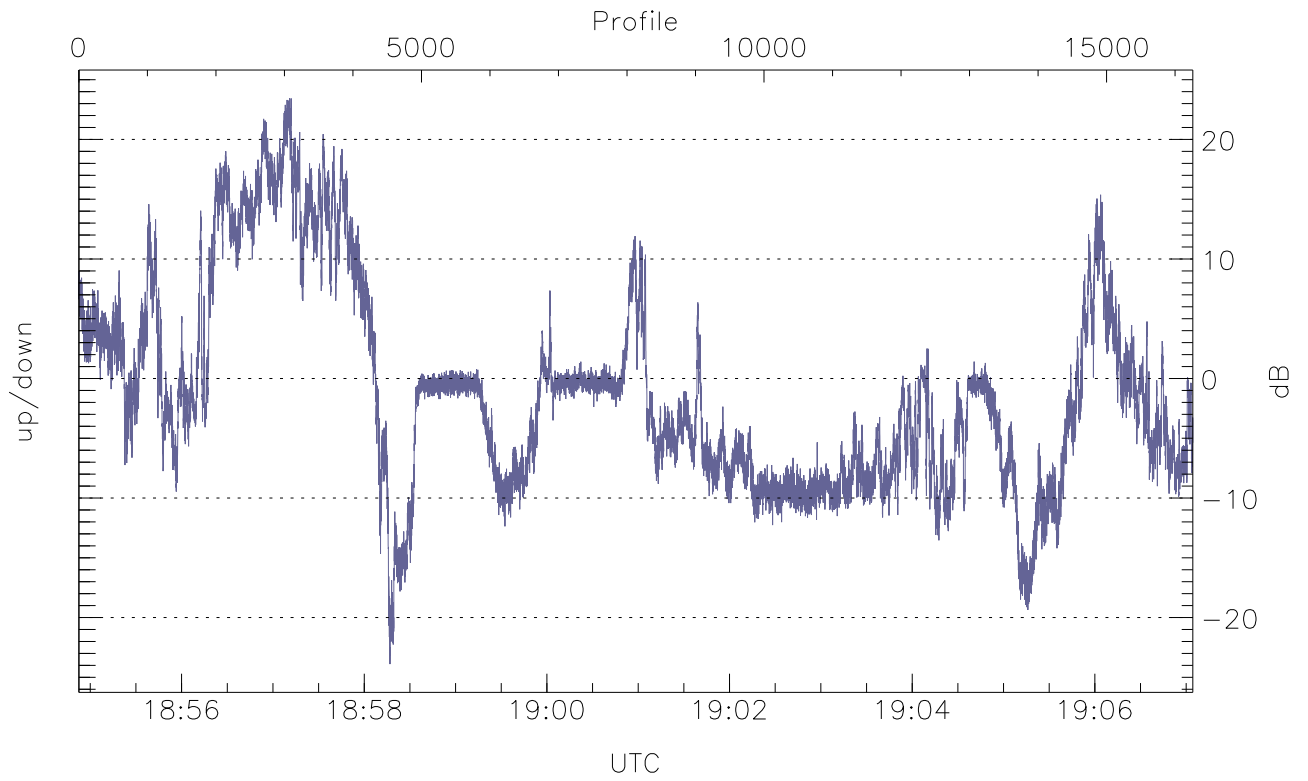


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



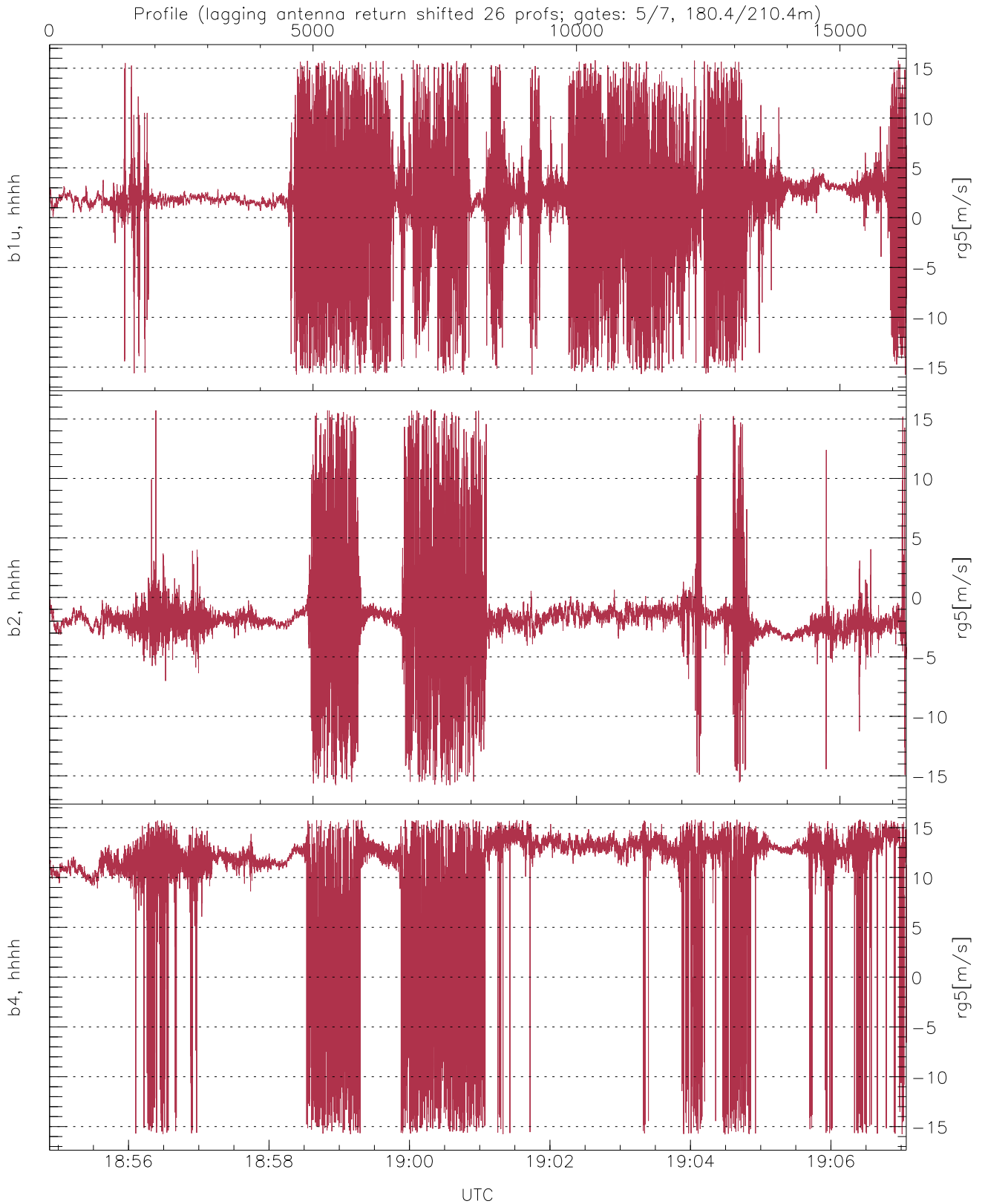
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.58	-38.60	-50.90
down(hh[dBm])	-65.88	-40.41	-54.56
down-fore(hh[dBm])	-65.98	-44.17	-57.87



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

	Min	Max	Mean
up/down (dB)	-23.89	23.44	-1.19
down/down-fore (dB)	-7.08	13.00	2.85



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.76	15.79	1.50	4.95
b2, hhhh(rg5[m/s])	-15.77	15.79	-1.68	3.20
b4, hhhh(rg5[m/s])	-15.78	15.79	9.89	6.69