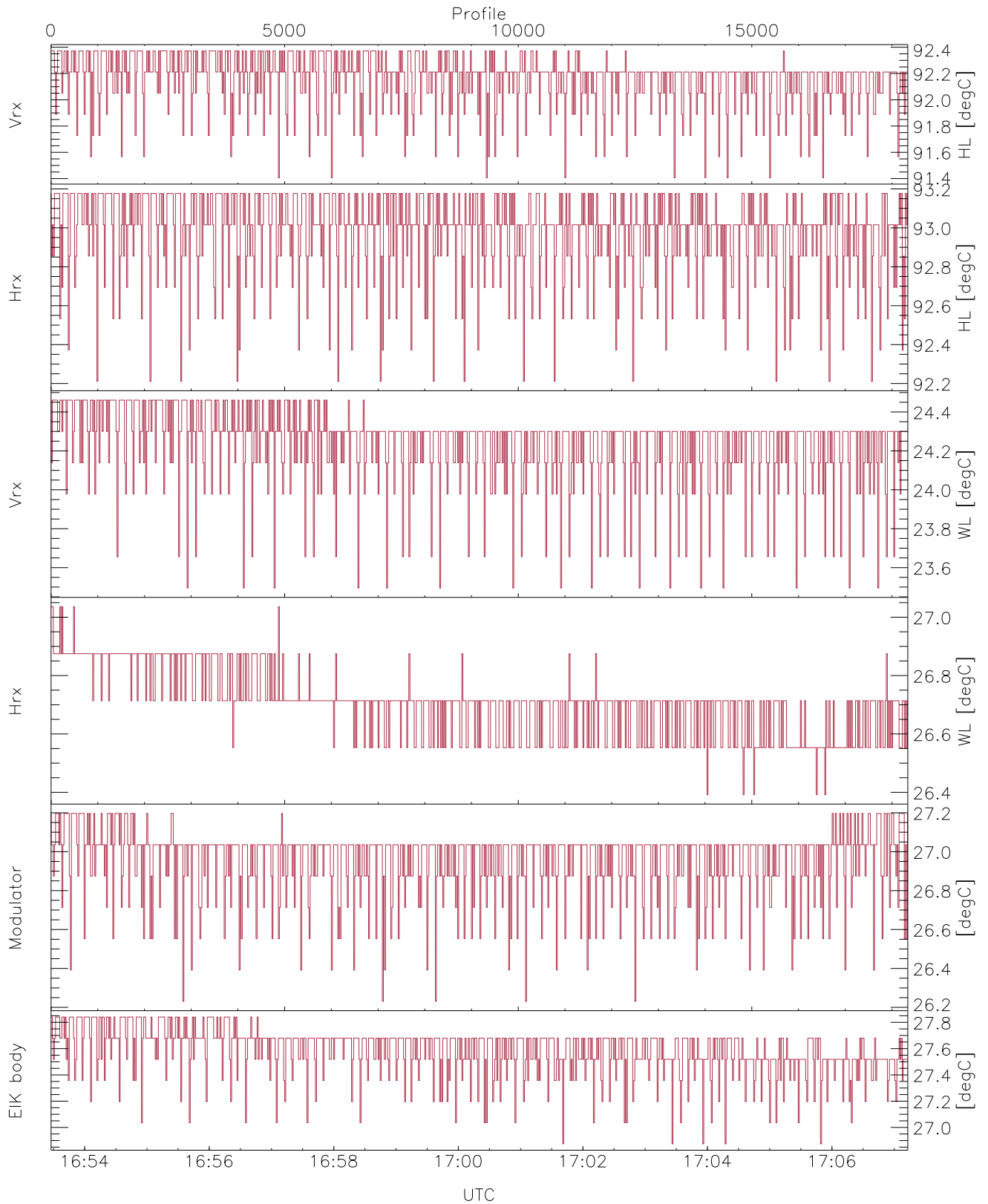


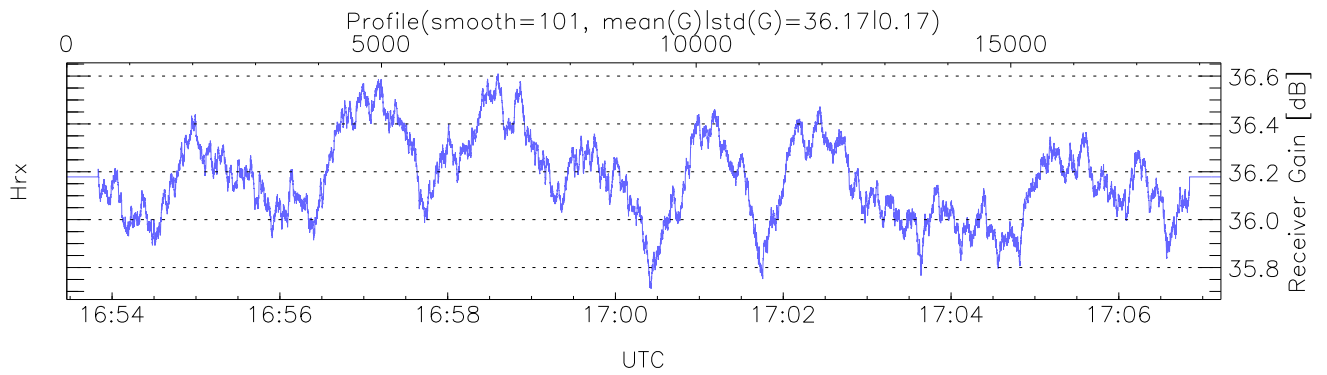
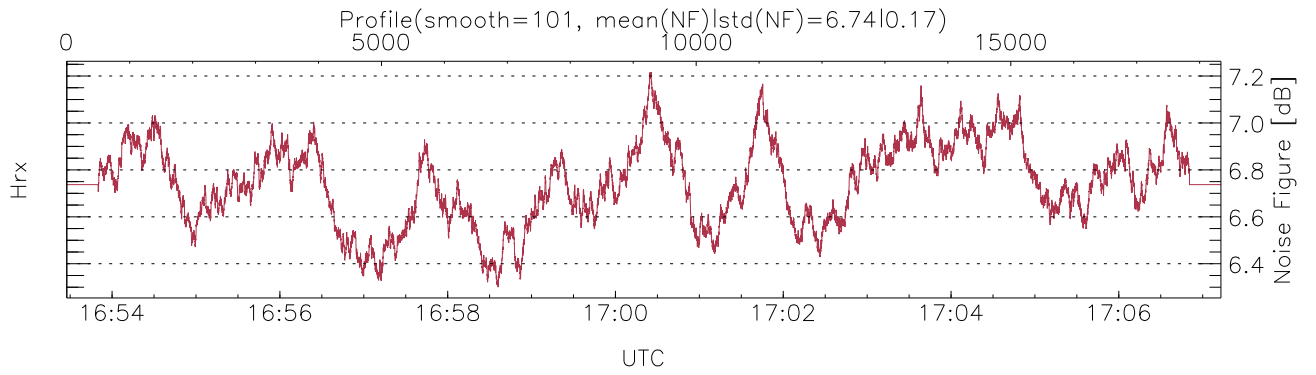
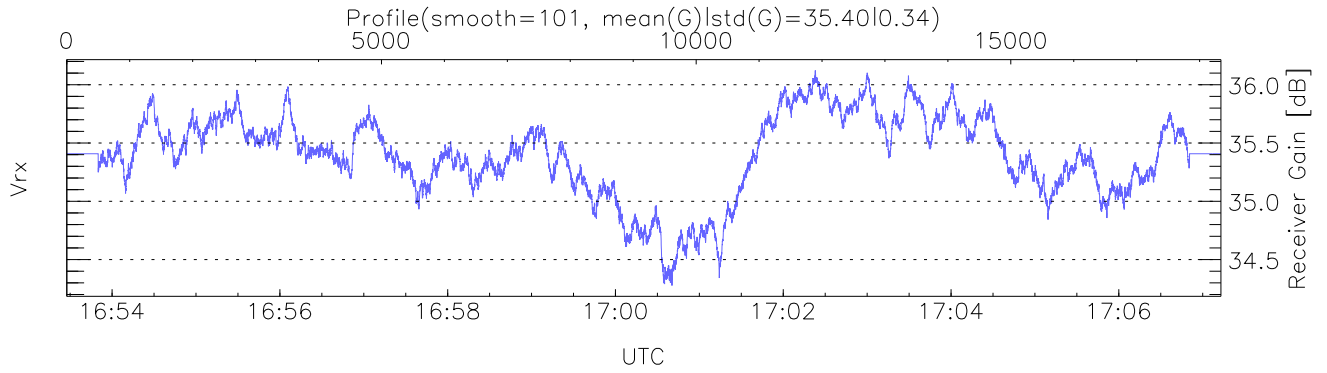
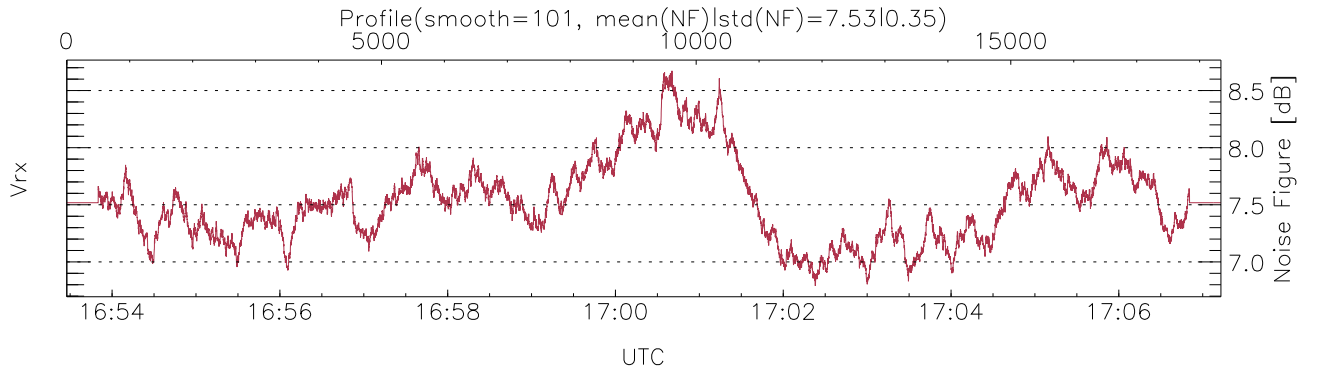
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 16:53:28-17:07:13, TimeCor: 0.00s, Dur: 825.46s
 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): 18340/18340, 0-18339/16:53:28-17:07:13
 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 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



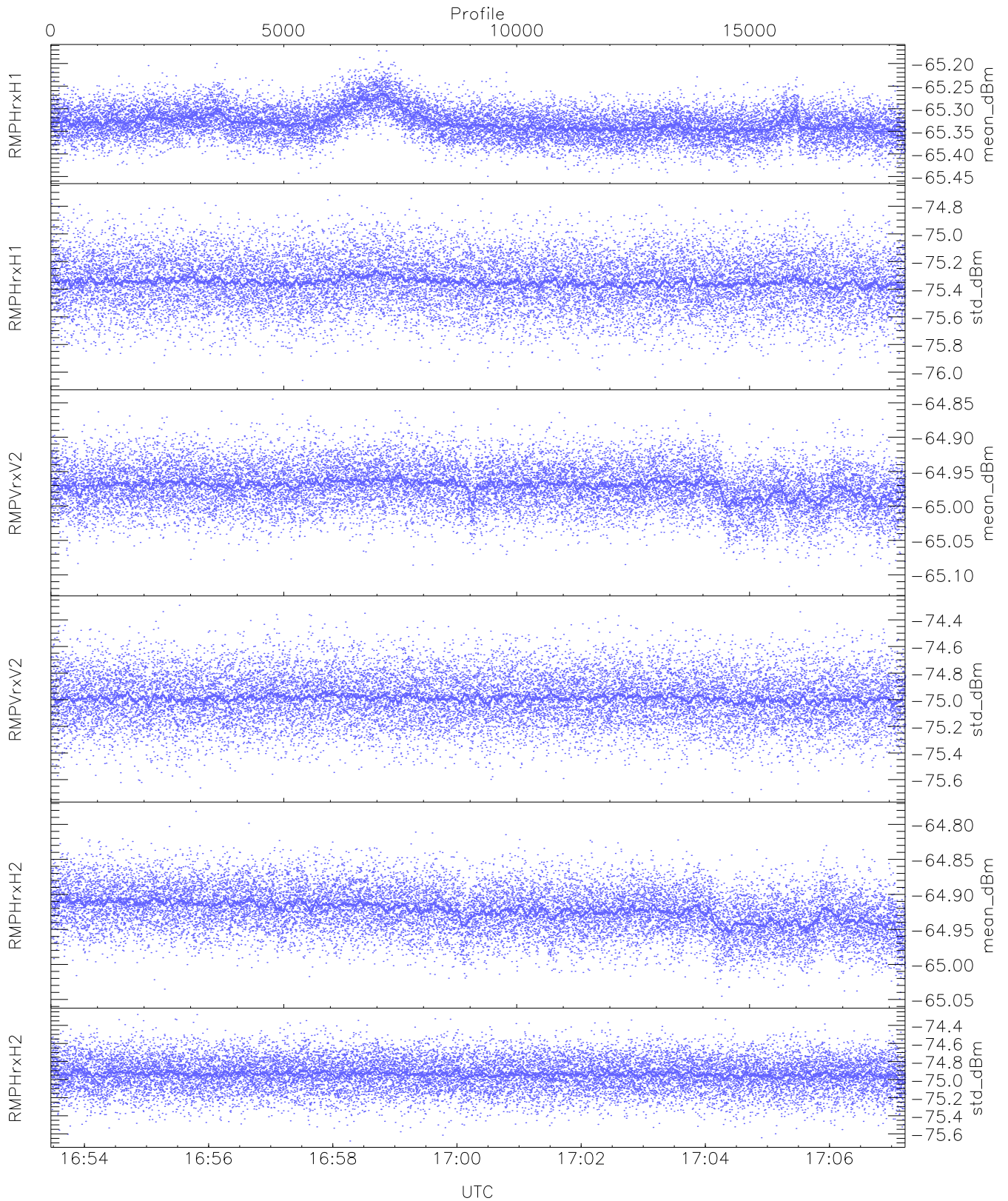
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,23,26,26,26
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,24,27,27,27
 LOalarm(20,240,2817,14861 MHz): None
 EIK Faults(# prof affected):
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (22,22,22,22,22,22)



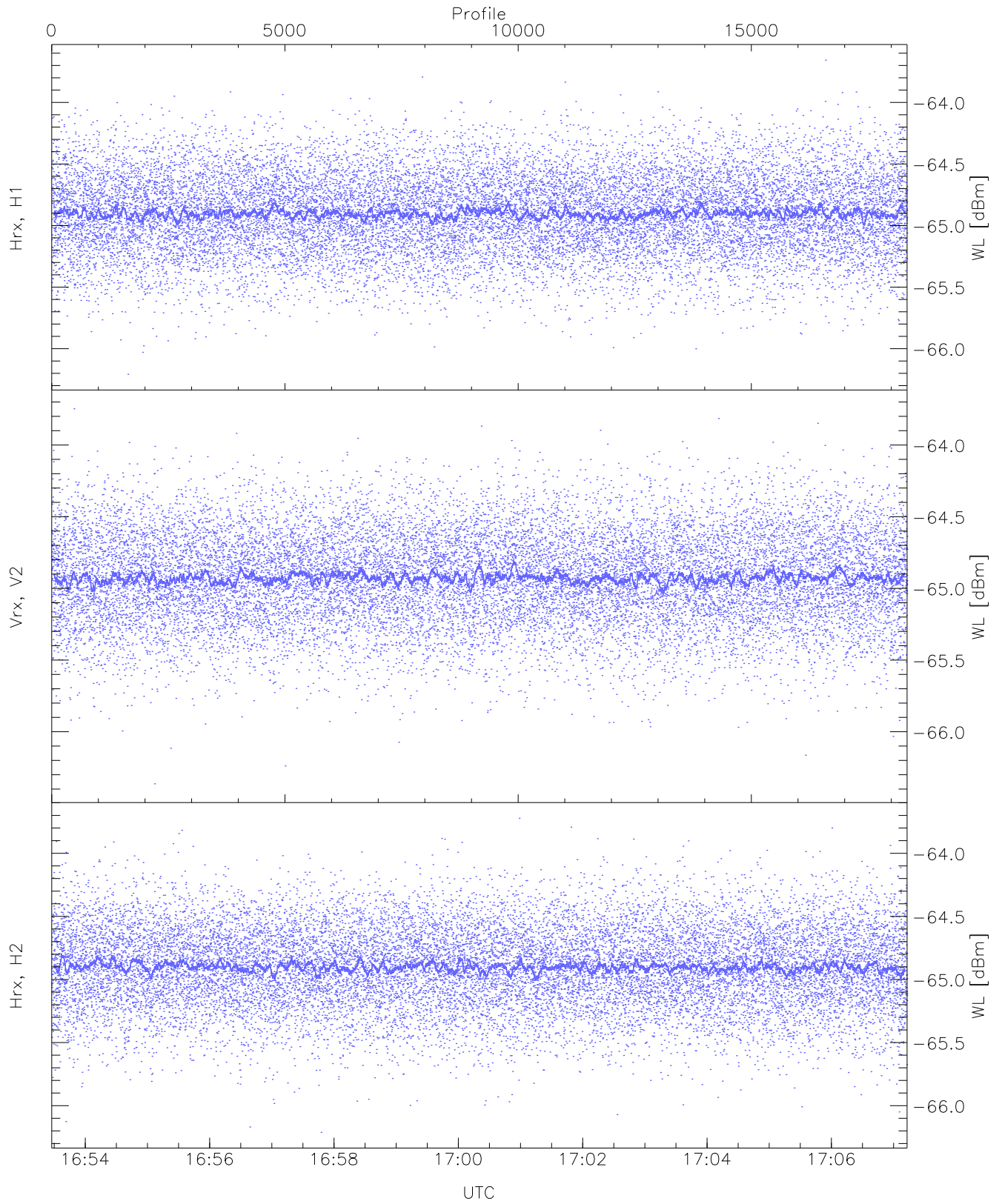
WCR3 CPP Receivers Gain and Noise Figure

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



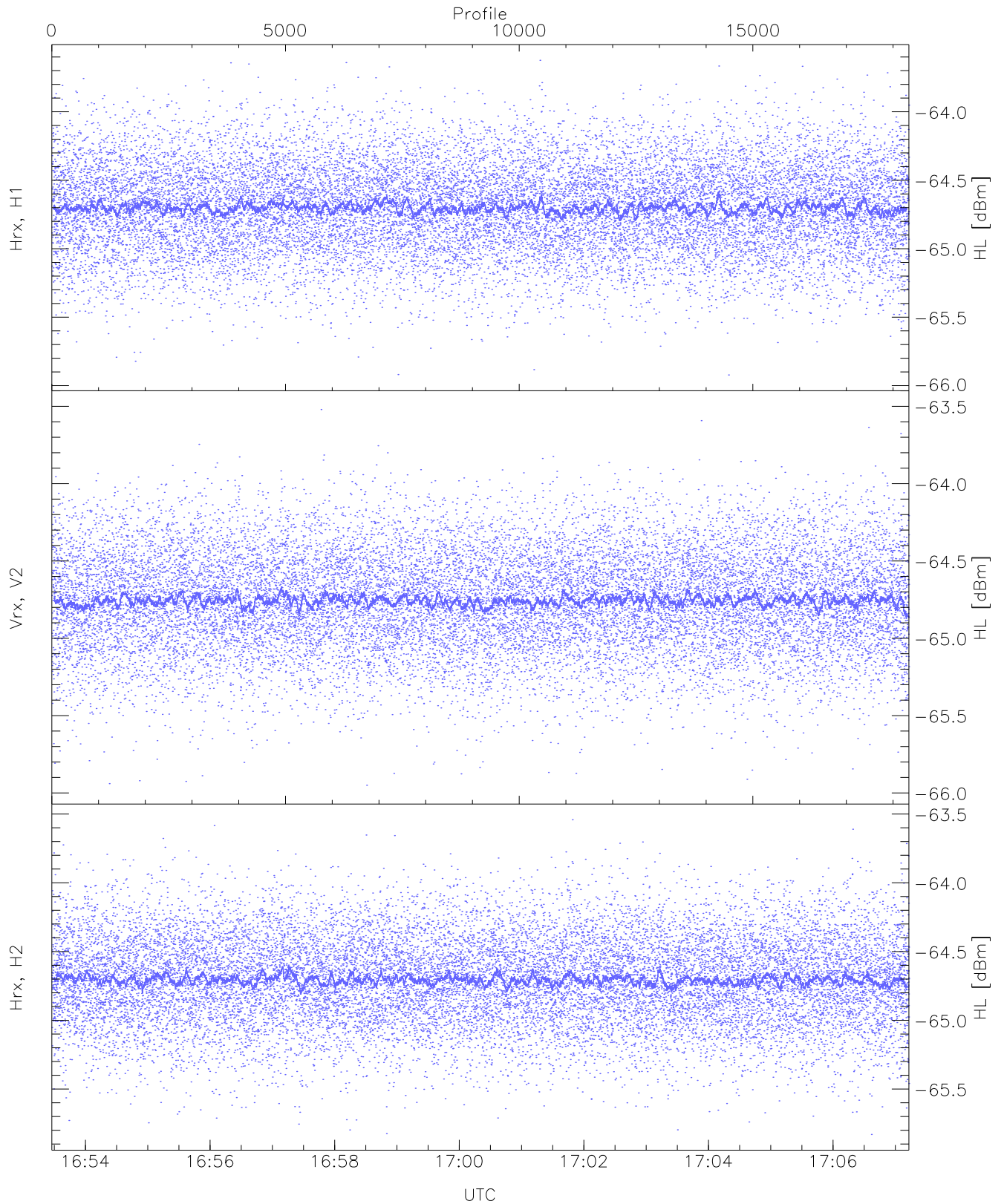
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.45	-65.17	-65.33	-65.33	-86.33
RMPHrxH1 (std_dBm)	-76.06	-74.70	-75.35	-75.35	-89.16
RMPVrxV2 (mean_dBm)	-65.12	-64.84	-64.97	-64.97	-86.34
RMPVrxV2 (std_dBm)	-75.70	-74.29	-74.99	-74.99	-88.76
RMPHrxH2 (mean_dBm)	-65.05	-64.78	-64.92	-64.92	-86.23
RMPHrxH2 (std_dBm)	-75.68	-74.28	-74.94	-74.94	-88.76



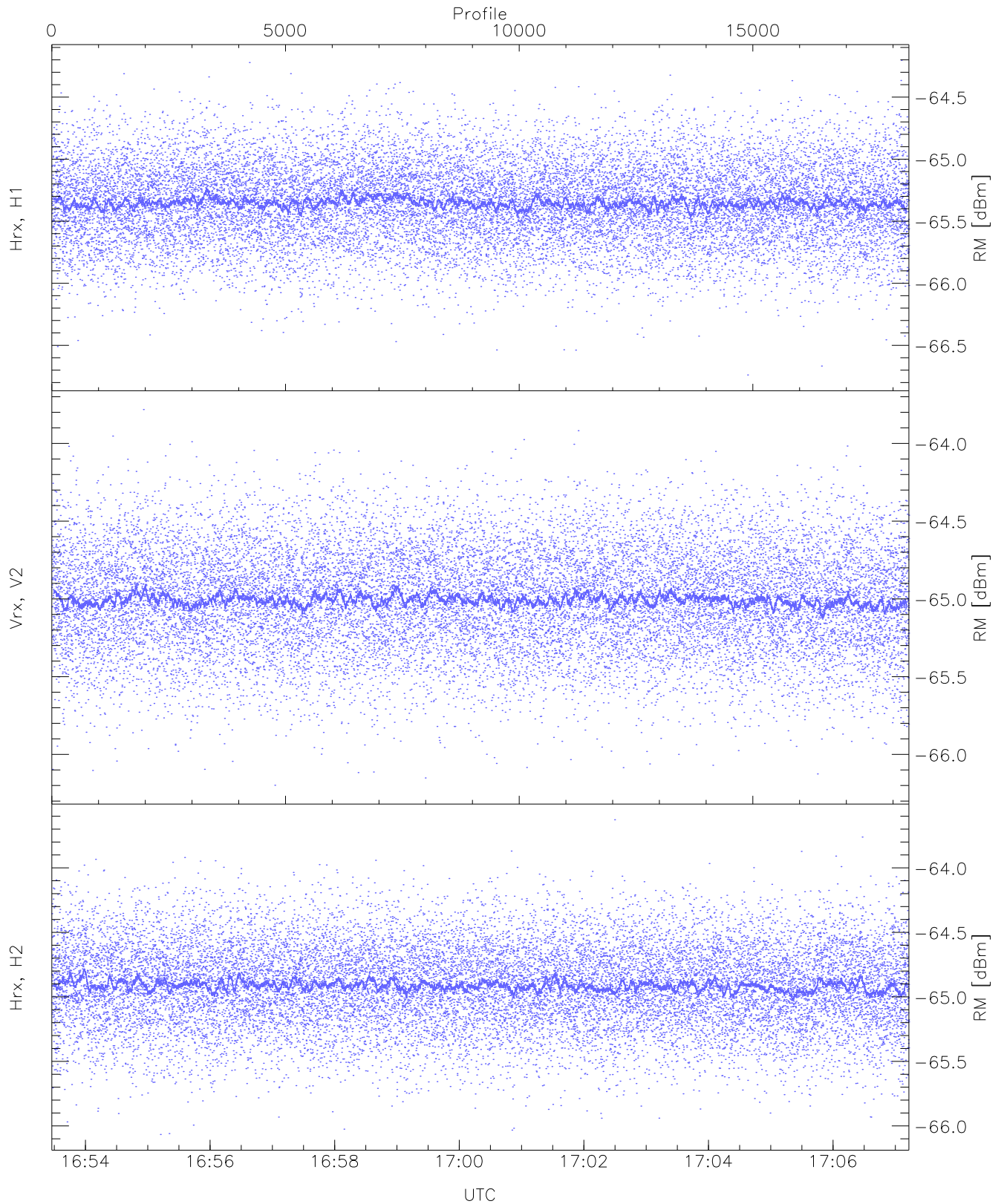
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.21	-63.66	-64.90	-64.90	-76.36
Vrx, V2 (WL [dBm])	-66.36	-63.75	-64.92	-64.93	-76.45
Hrx, H2 (WL [dBm])	-66.21	-63.72	-64.89	-64.90	-76.40



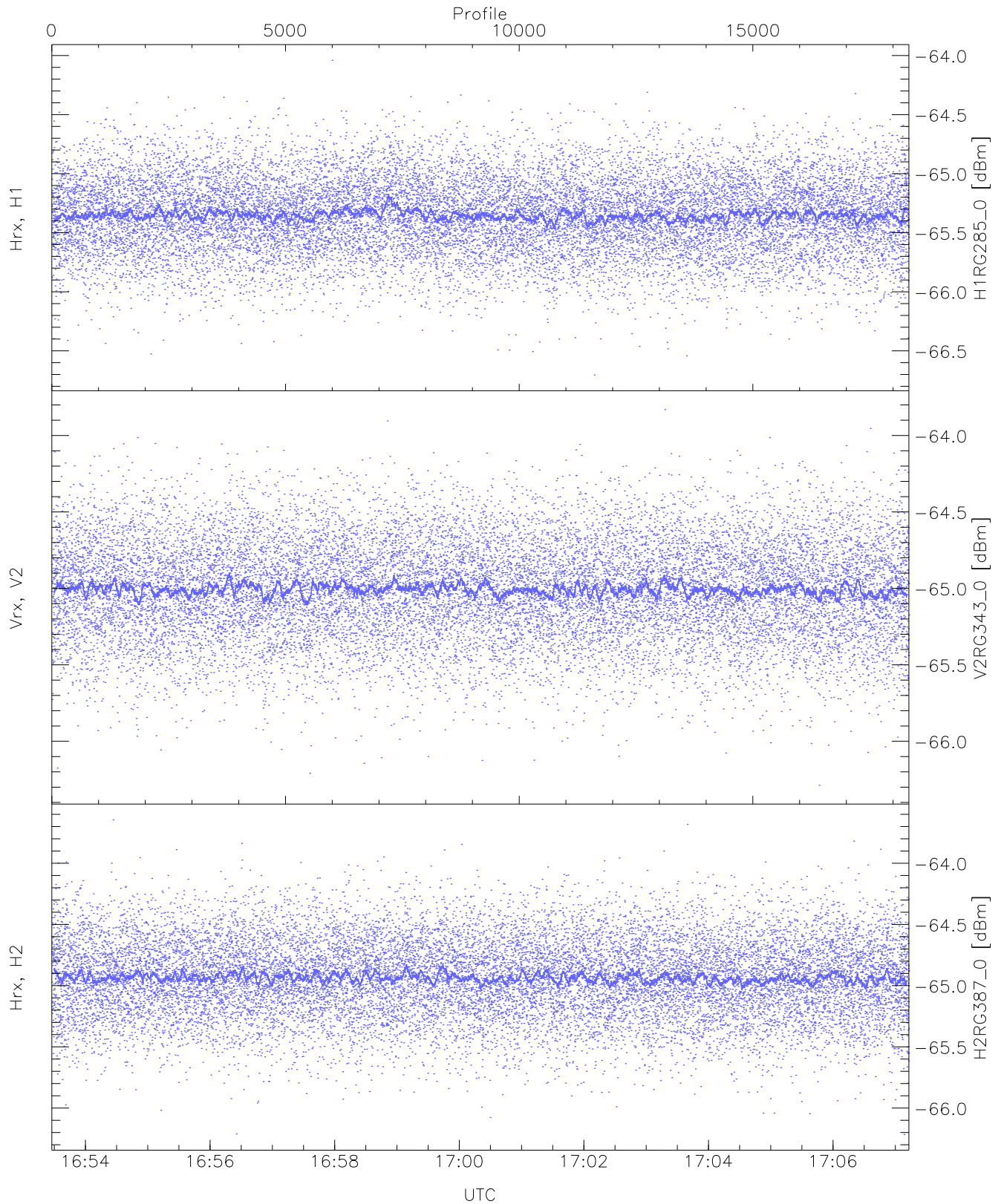
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.92	-63.62	-64.69	-64.70	-76.19
Vrx, V2 (HL [dBm])	-65.95	-63.52	-64.75	-64.76	-76.28
Hrx, H2 (HL [dBm])	-65.83	-63.54	-64.70	-64.71	-76.24



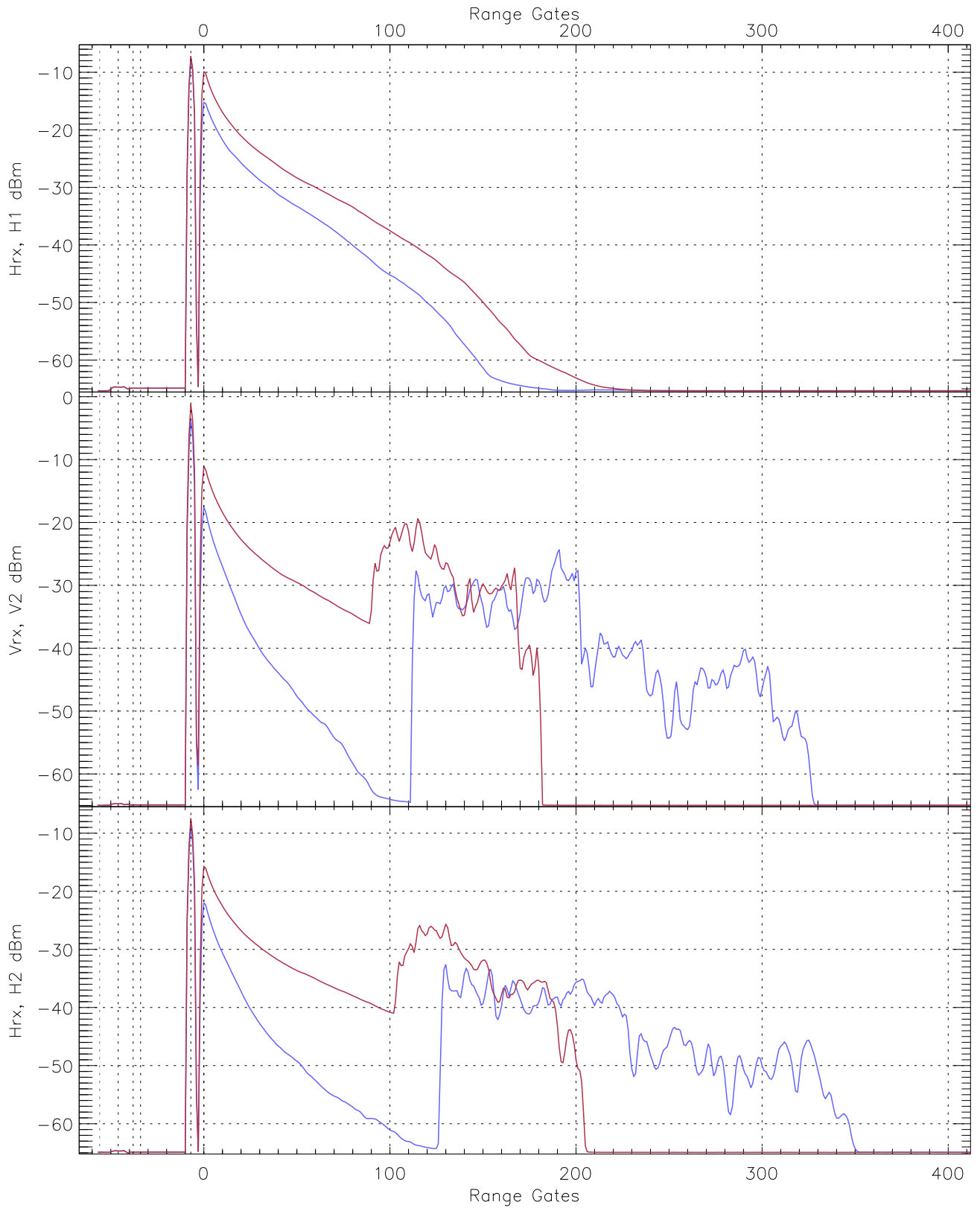
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.74	-64.20	-65.35	-65.35	-76.86
Vrx, V2 (RM [dBm])	-66.20	-63.78	-65.00	-65.01	-76.46
Hrx, H2 (RM [dBm])	-66.07	-63.63	-64.91	-64.91	-76.42

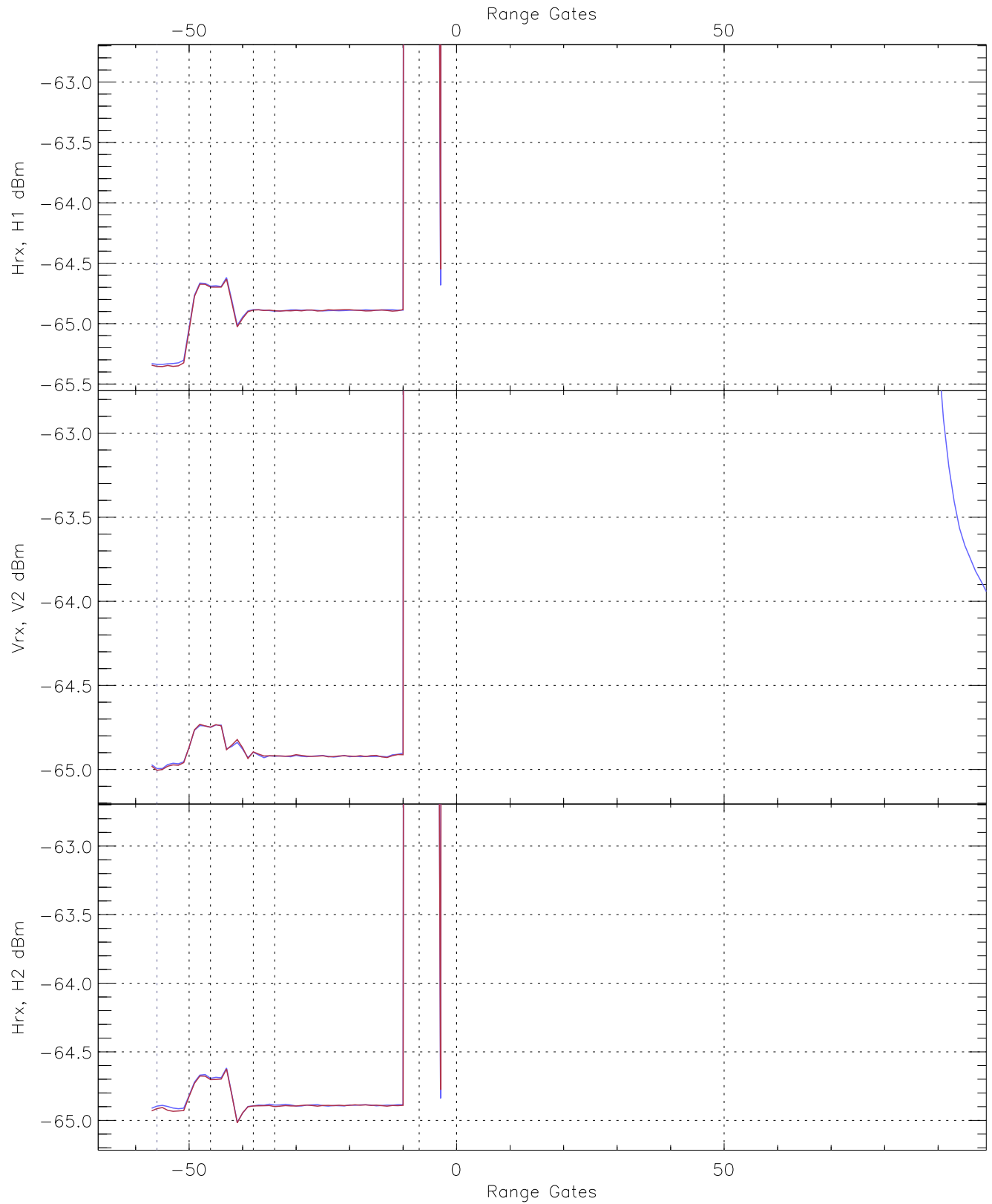


WCR3 CPP "Best" estimate Receivers Noise Power

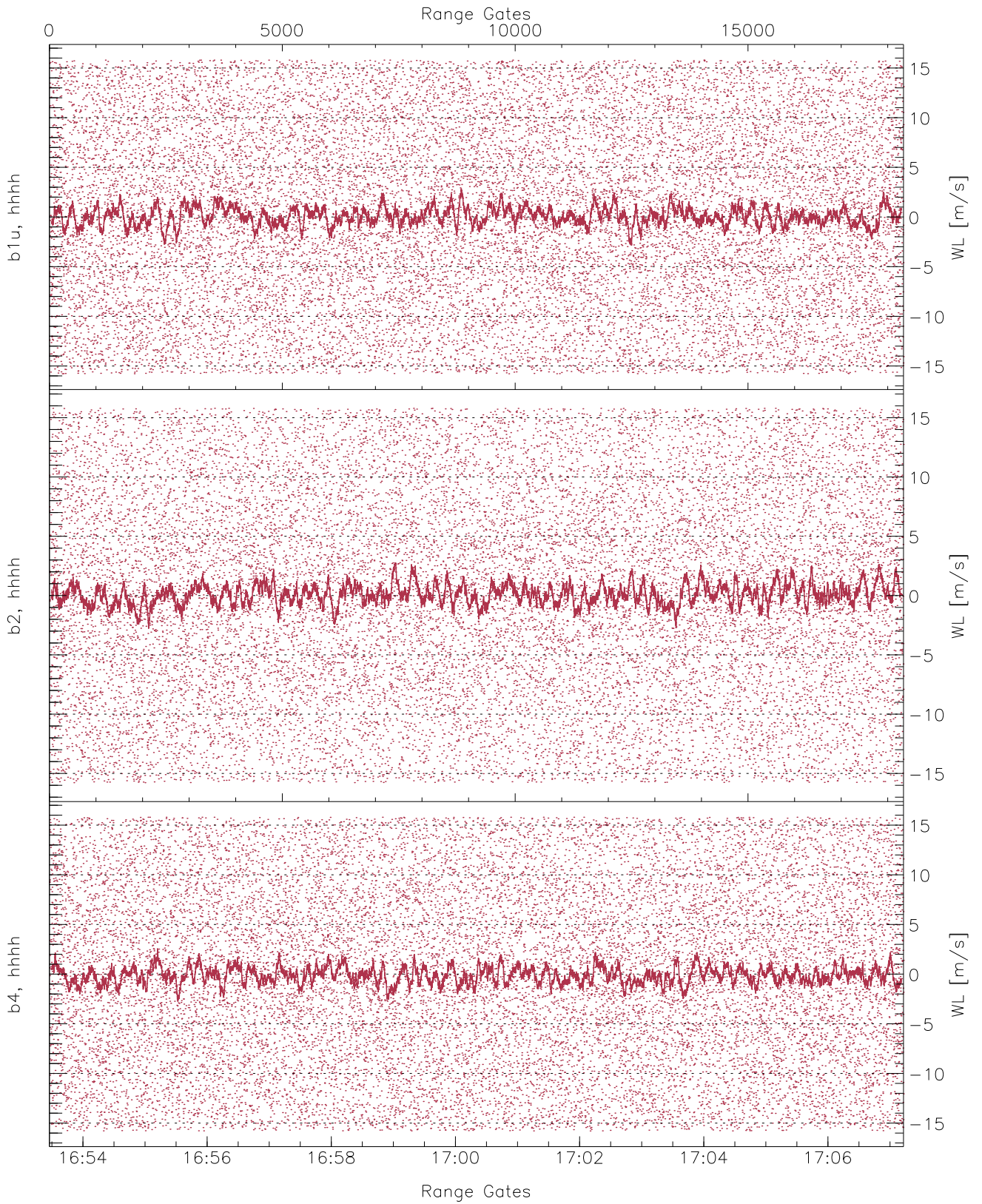
	Min	Max	Mean	Median	StDev
H1RG285_0 [dBm]	-66.70	-64.04	-65.35	-65.35	-76.85
V2RG343_0 [dBm]	-66.29	-63.83	-65.00	-65.01	-76.53
H2RG387_0 [dBm]	-66.22	-63.64	-64.93	-64.94	-76.43



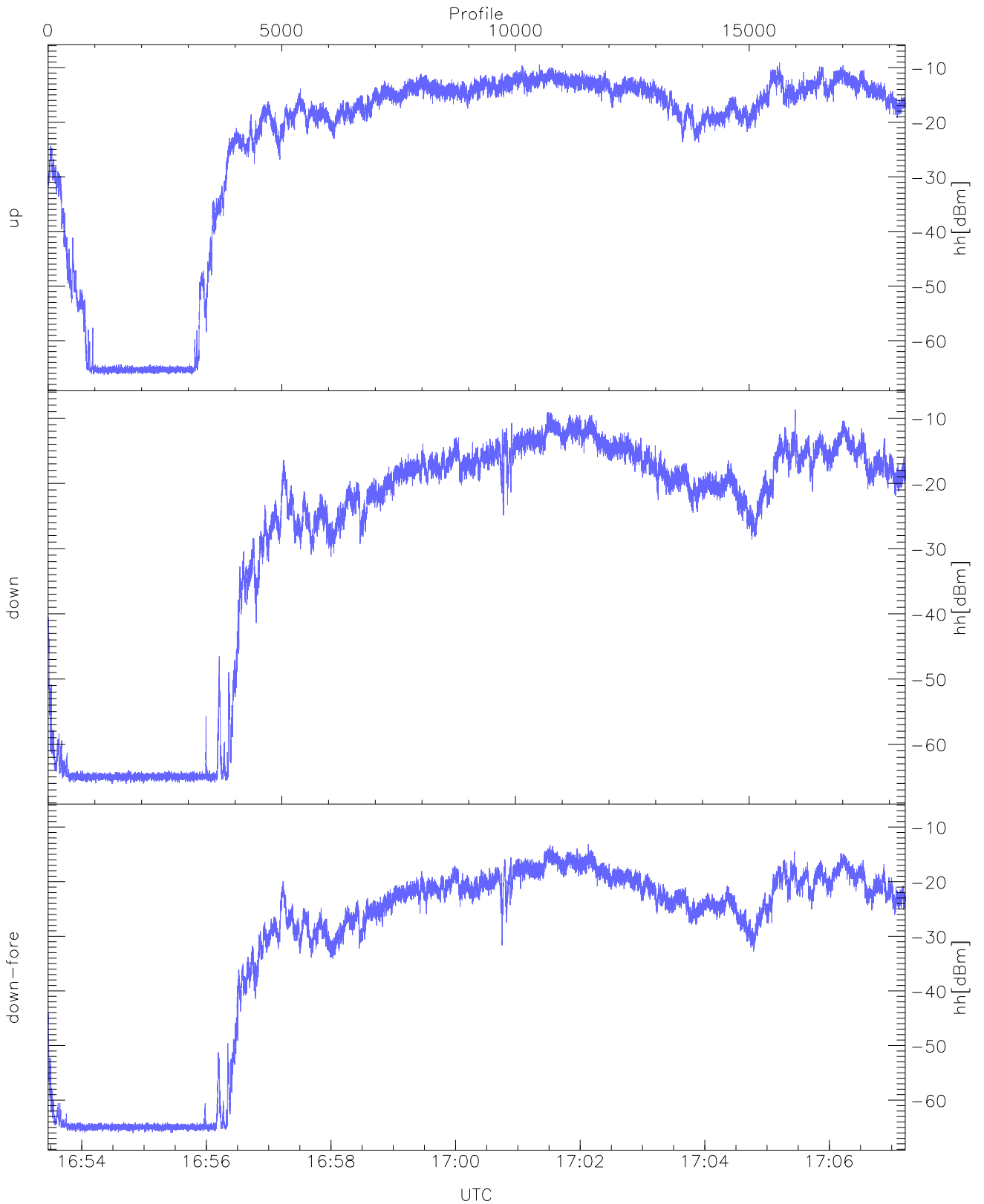
WCR3 CPP Averaged Received power for all recorded gates
blue: 165328-170020, 9171 profiles averaged
red: 170020-170713, 9170 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 165328-170020, 9171 profiles averaged
red: 170020-170713, 9170 profiles averaged

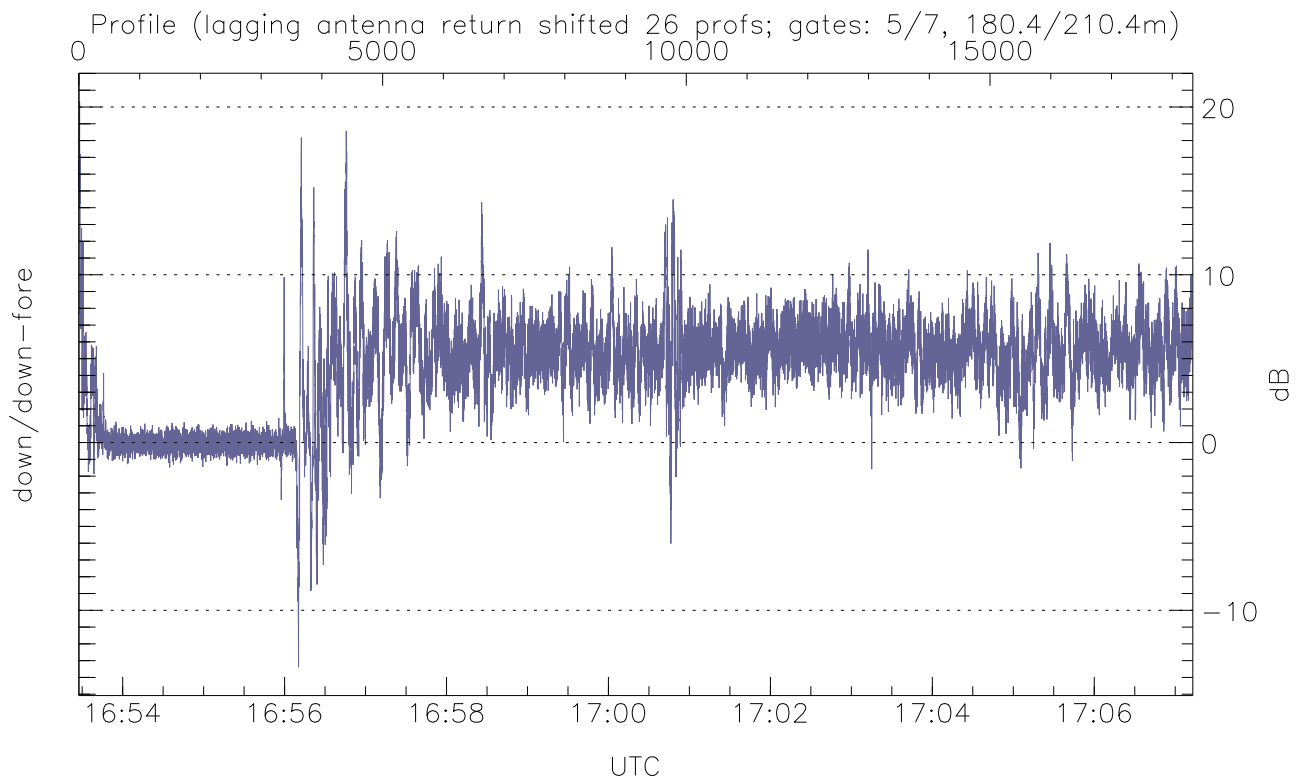
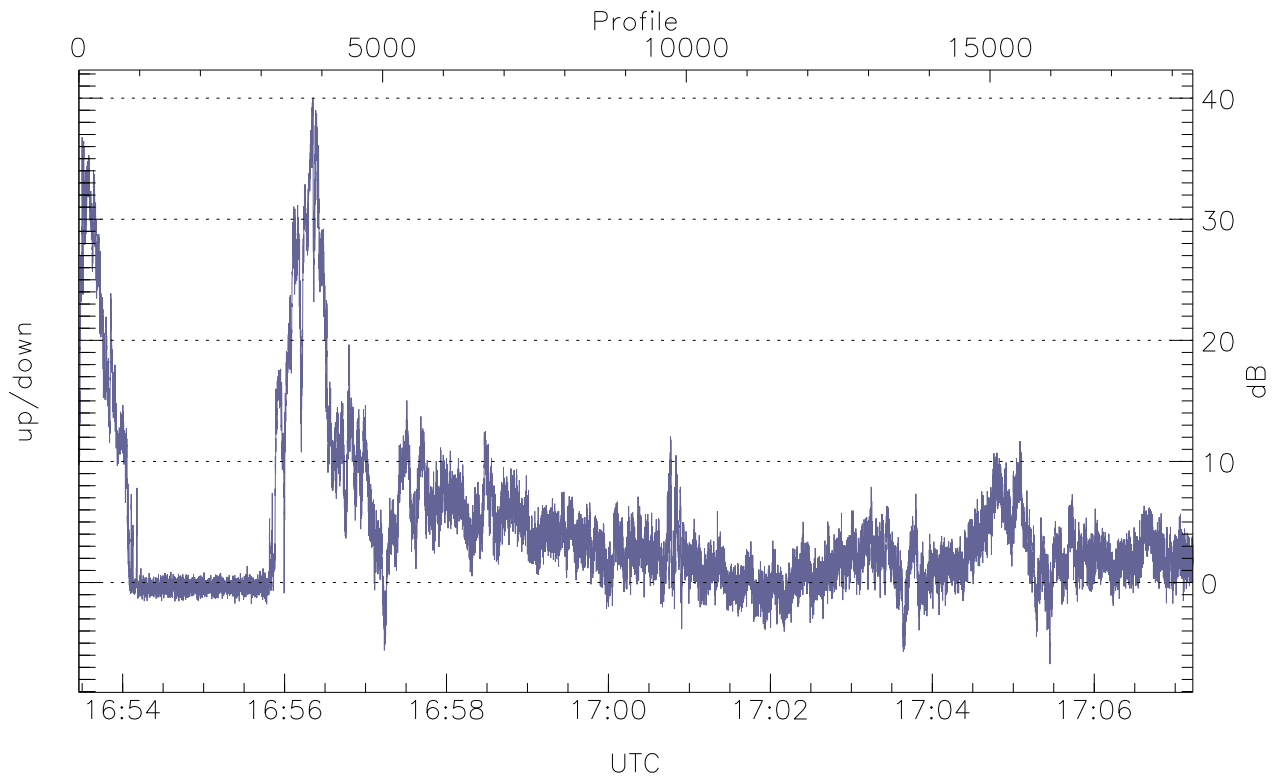


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



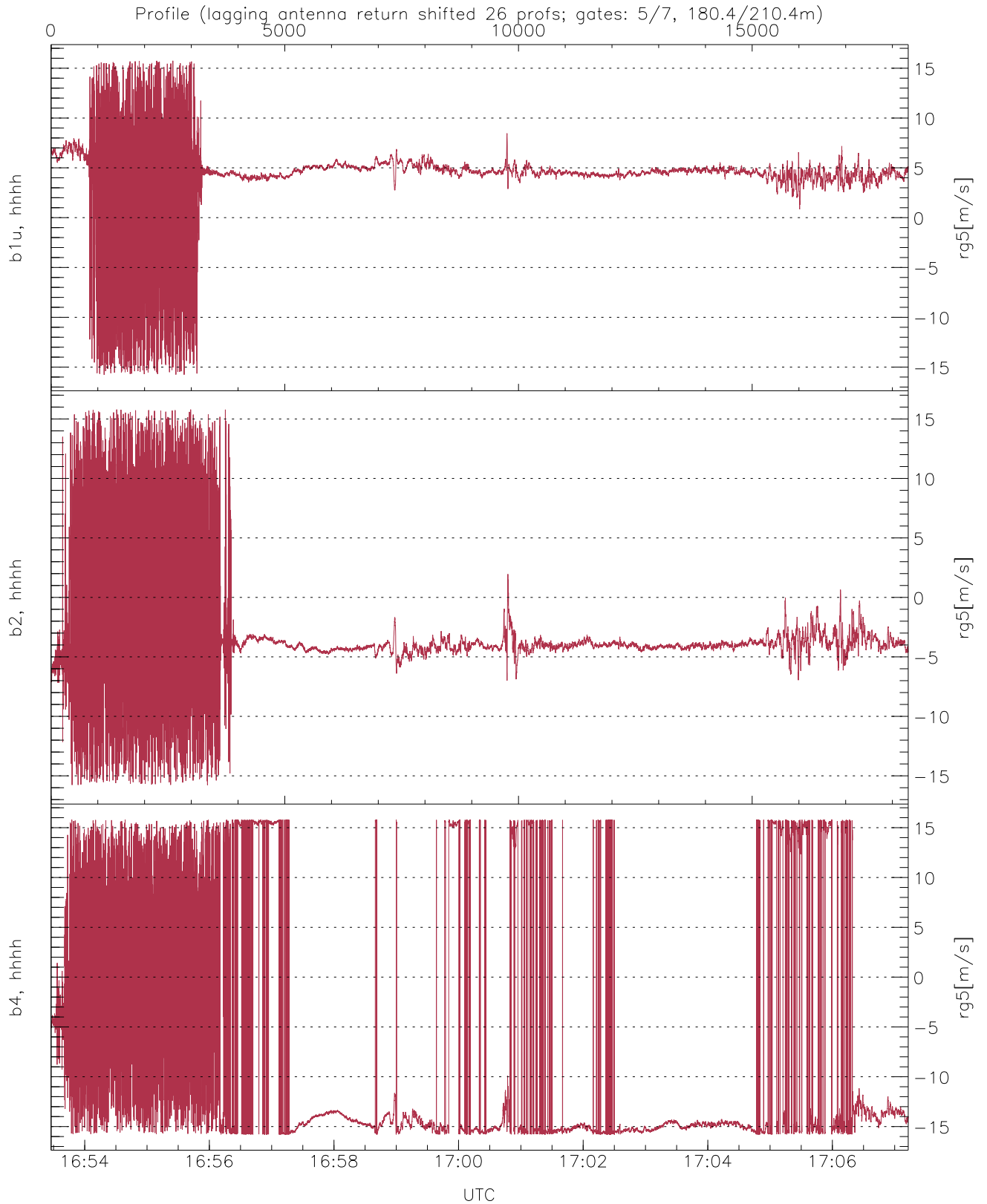
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.29	-9.11	-15.66
down(hh[dBm])	-66.07	-8.67	-17.58
down-fore(hh[dBm])	-66.06	-13.15	-21.77



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

	Min	Max	Mean
up/down (dB)	-6.73	39.99	4.52
down/down-fore (dB)	-13.40	20.33	4.39



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.75	4.08	3.43
b2, hhhh(rg5[m/s])	-15.77	15.79	-3.30	3.86
b4, hhhh(rg5[m/s])	-15.79	15.79	-7.56	11.62