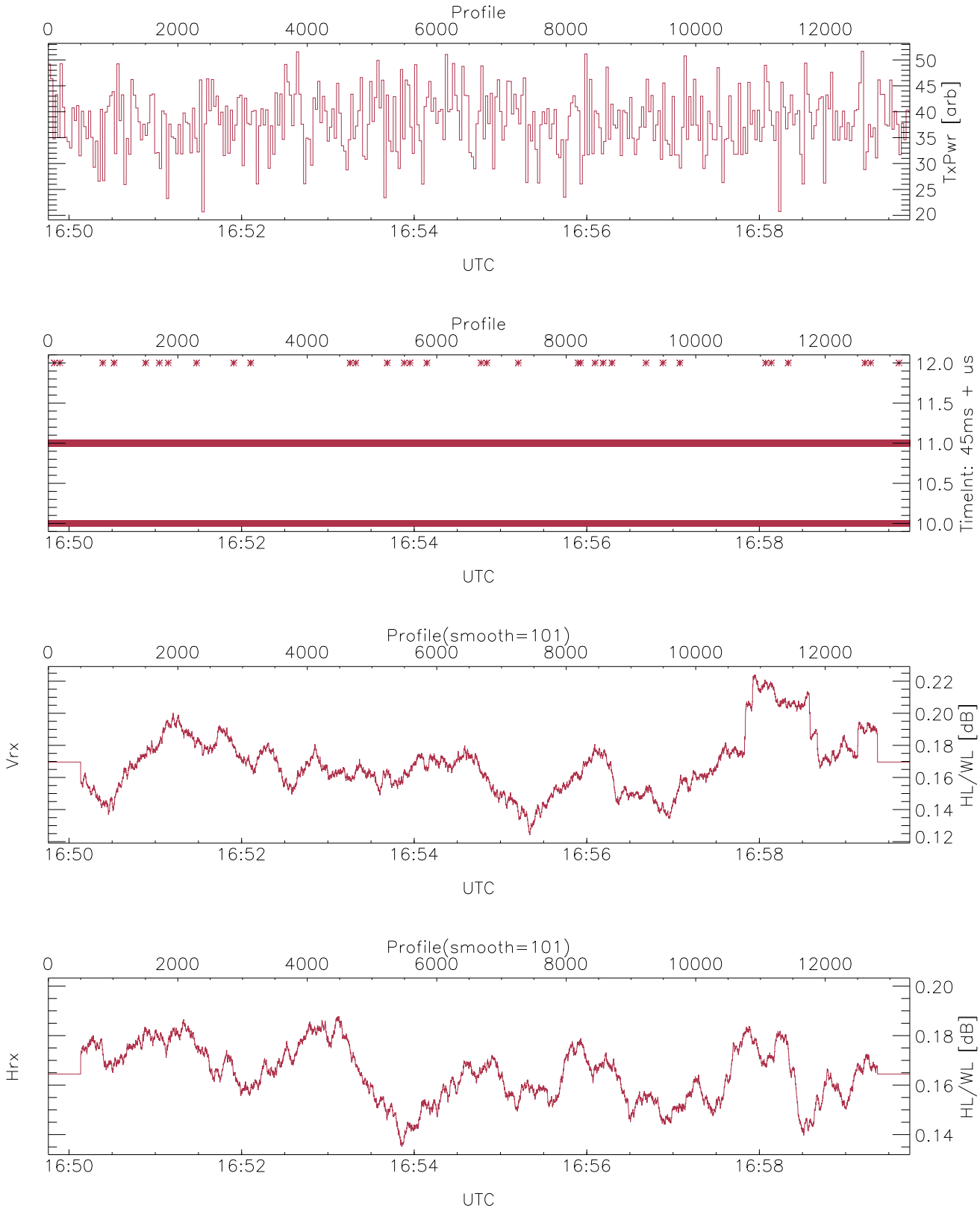
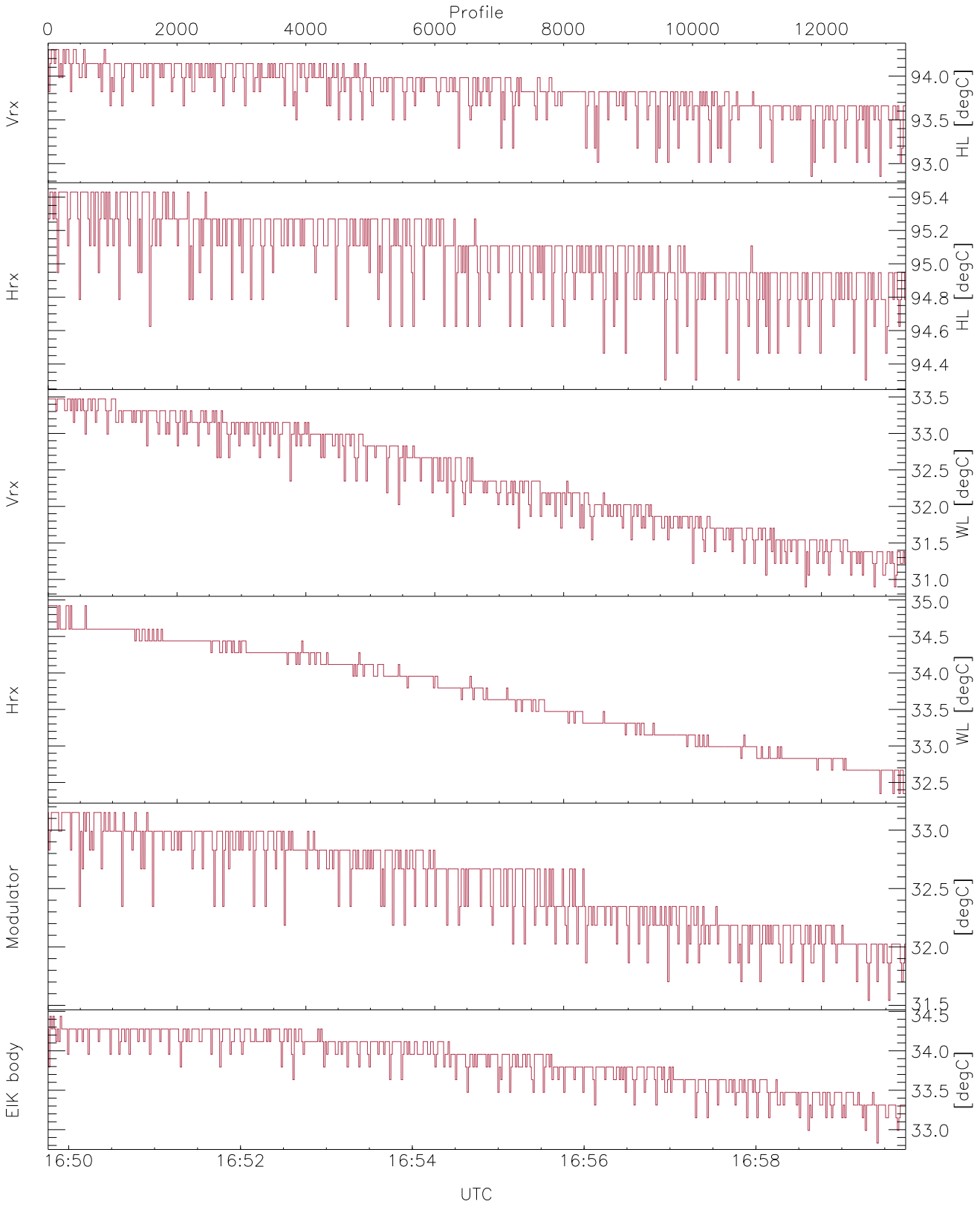


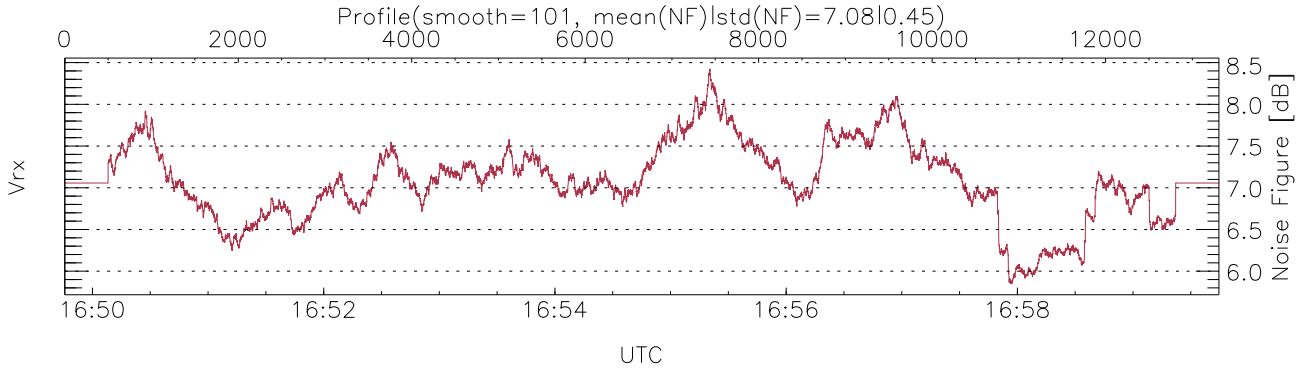
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

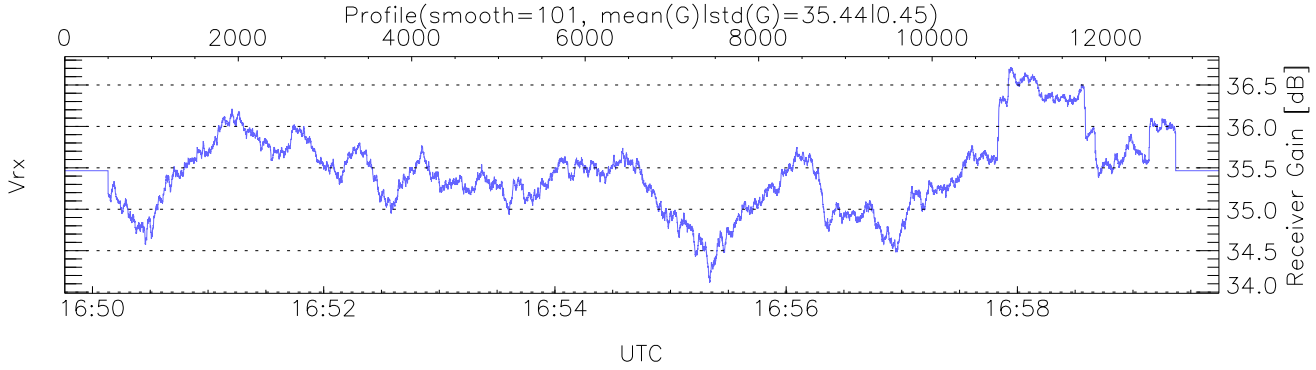
UTC: 16:49:46-16:59:45, TimeCor: 0.00s, Dur: 598.96s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
NumRec(r/t): 13308/13308, 0-13307/16:49:46-16:59:45
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: 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(-9|0|1|2,3,9x = no mirror|sideluplerror): 1

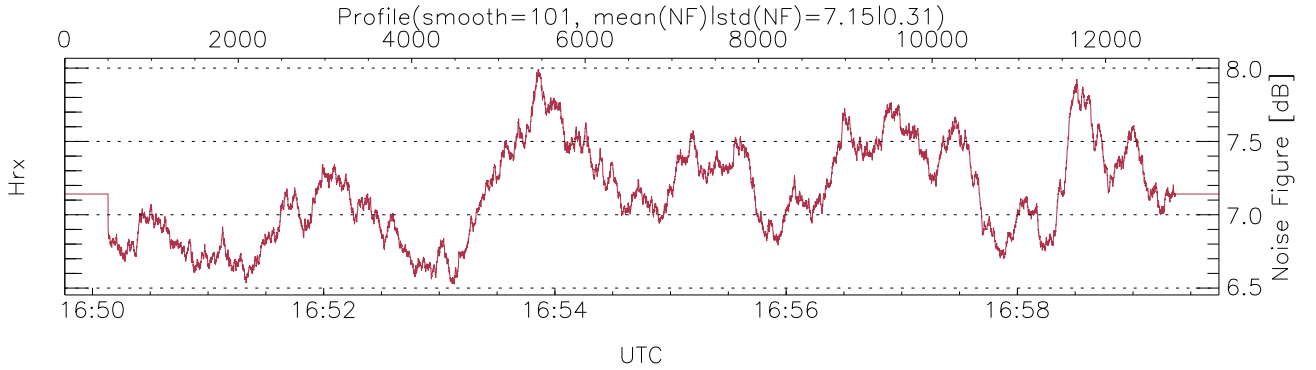


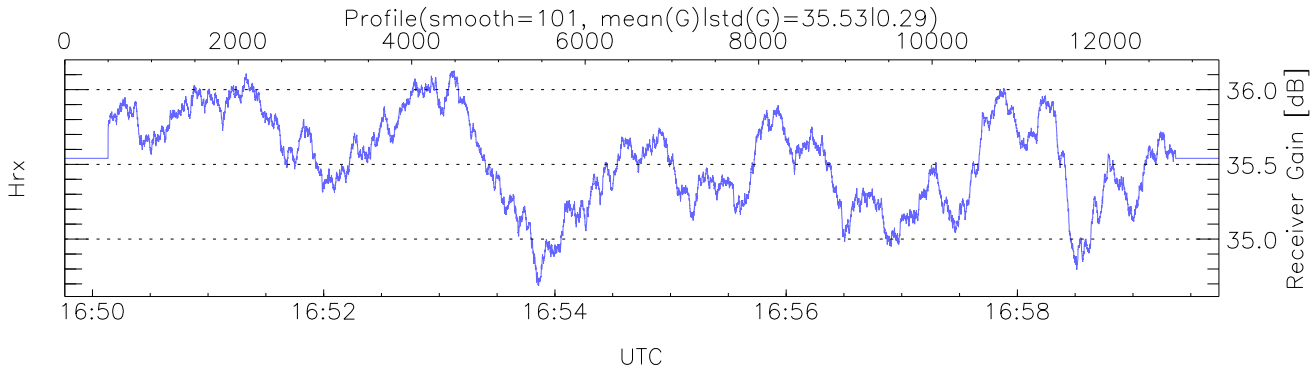
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,30,32,31,32
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,95,33,34,33,34
LOalarm(20,240,2817,14861 MHz): 0,0,47,0
EIK Faults(# prof affected):
BodyCurr (24)



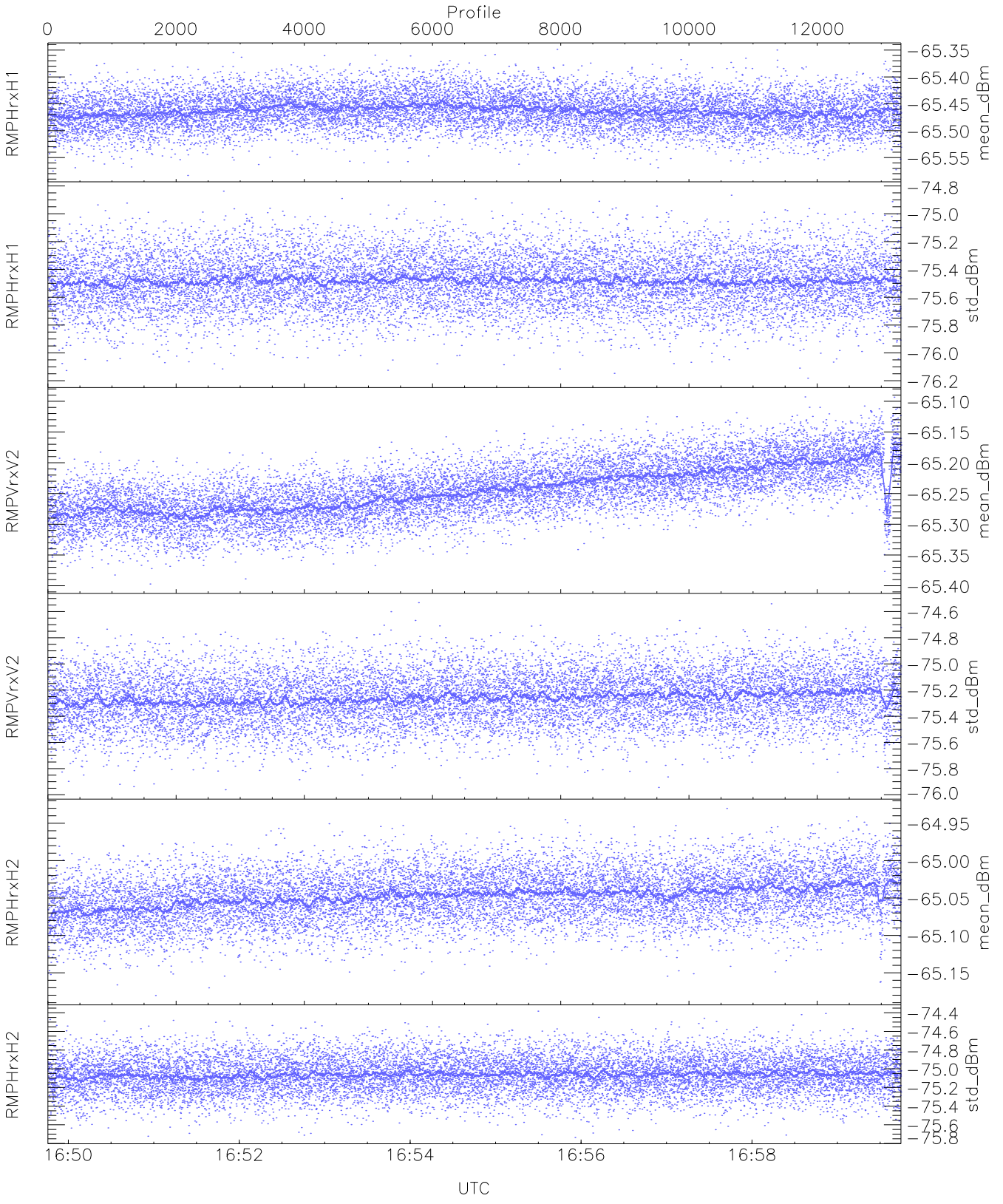






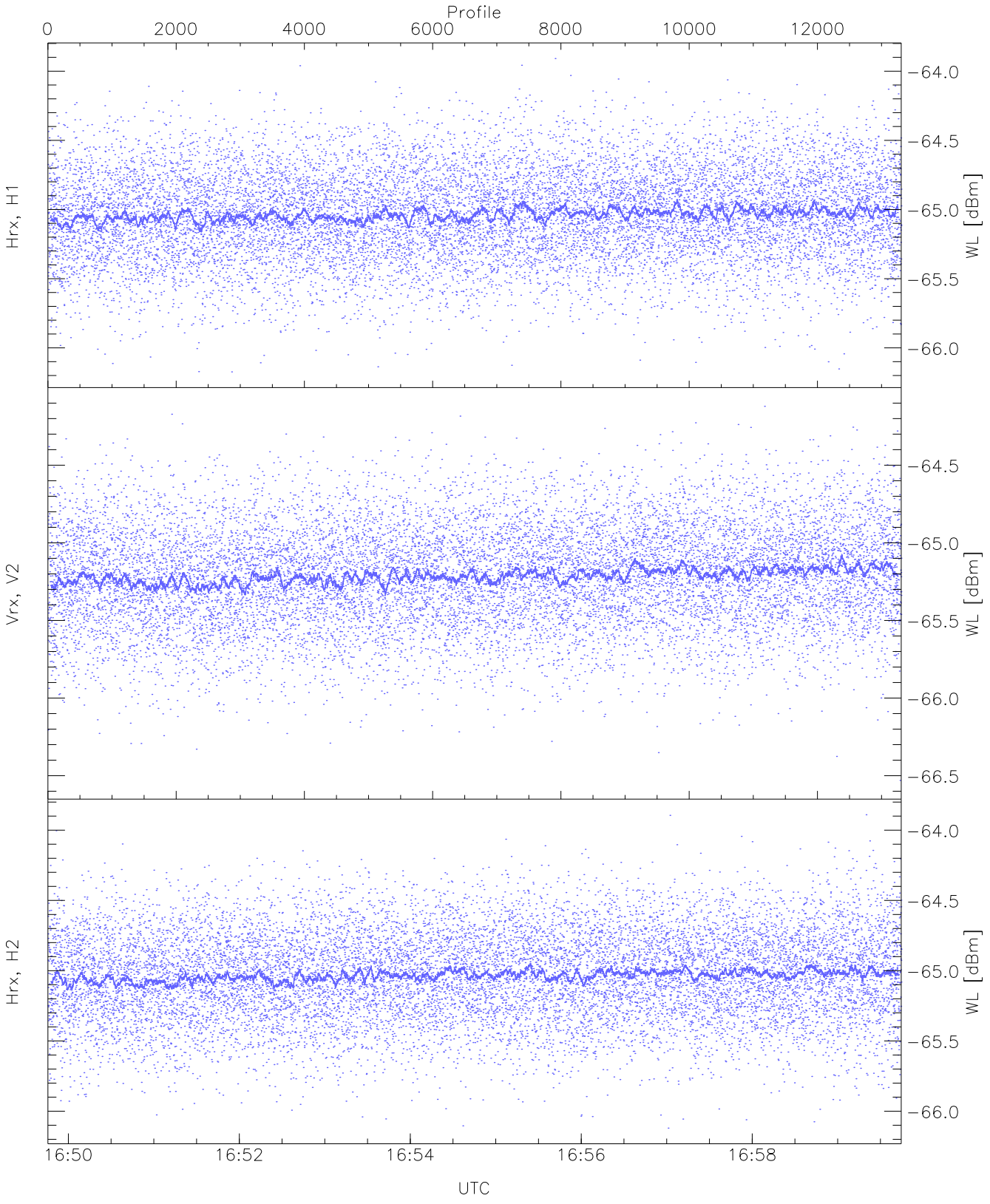
WCR3 CPP Receivers Gain and Noise Figure

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



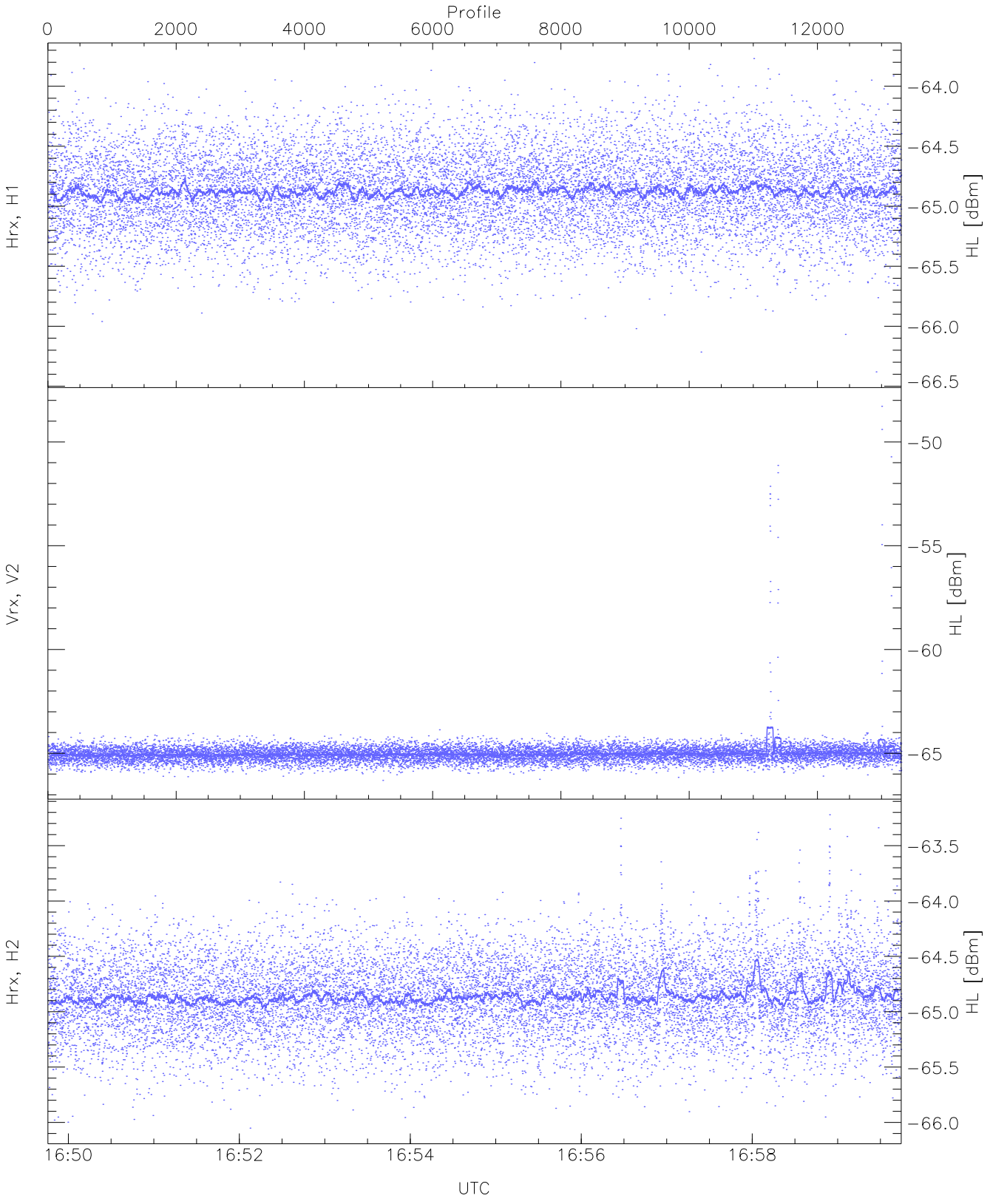
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.58	-65.35	-65.46	-65.46	-86.98
RMPHrxH1(std_dBm)	-76.18	-74.84	-75.48	-75.48	-89.30
RMPVrxV2(mean_dBm)	-65.40	-65.09	-65.25	-65.25	-85.20
RMPVrxV2(std_dBm)	-75.96	-74.53	-75.26	-75.26	-88.99
RMPHrxH2(mean_dBm)	-65.18	-64.93	-65.05	-65.05	-86.42
RMPHrxH2(std_dBm)	-75.74	-74.38	-75.06	-75.07	-88.86



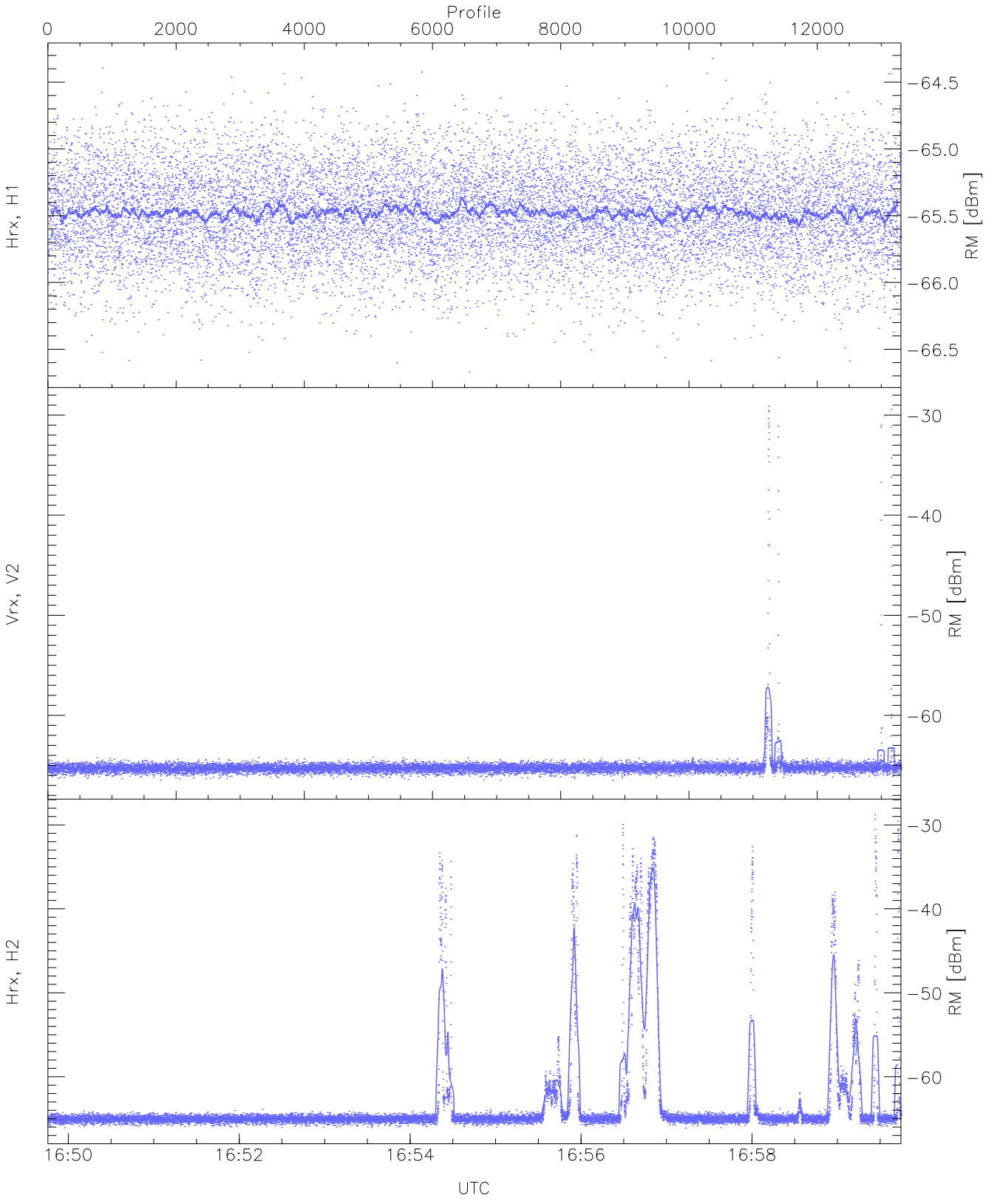
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.17	-63.91	-65.03	-65.04	-76.48
Vrx, V2(WL [dBm])	-66.53	-64.12	-65.21	-65.21	-76.70
Hrx, H2(WL [dBm])	-66.12	-63.89	-65.03	-65.03	-76.58



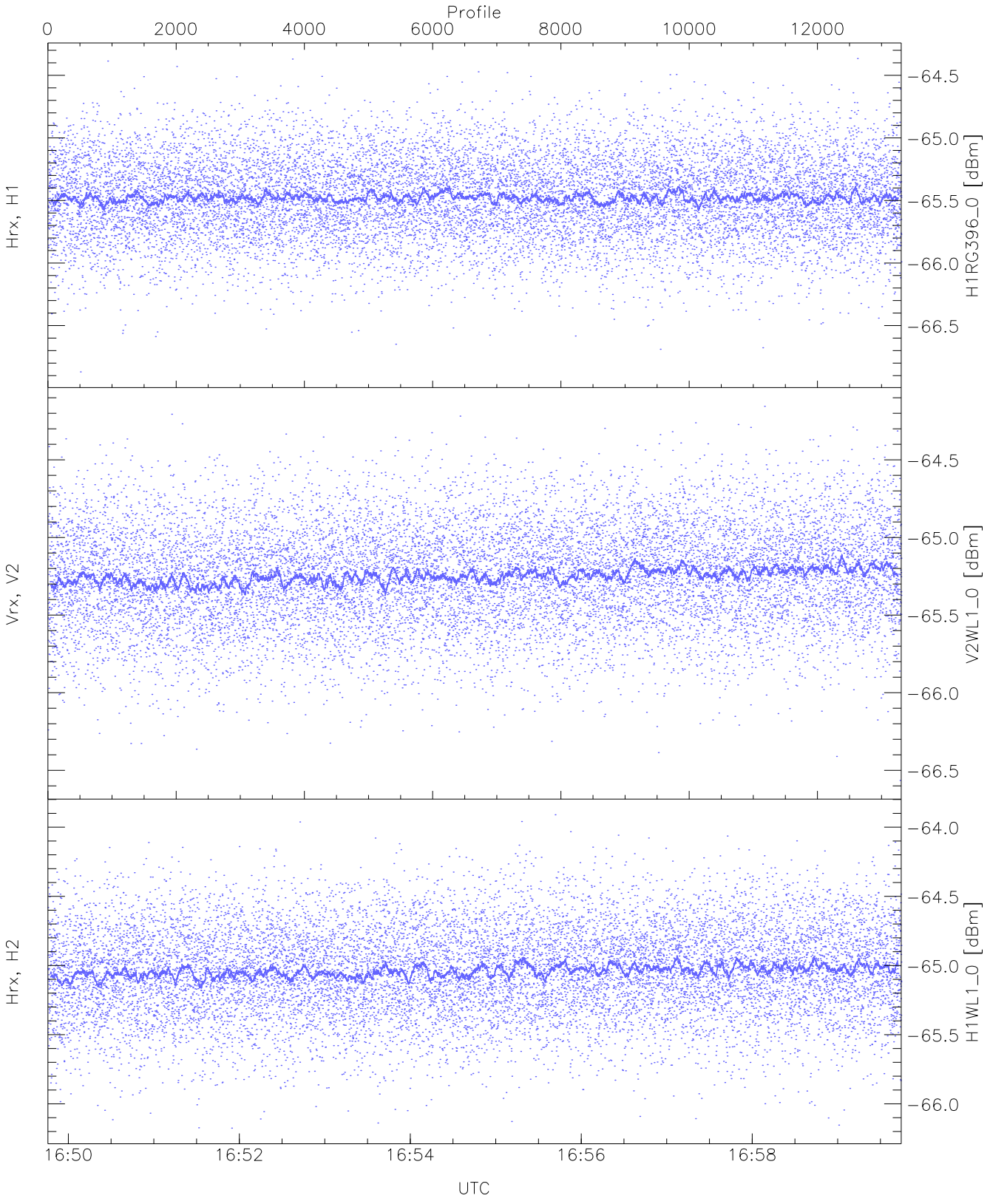
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-66.38	-63.77	-64.87	-64.88	-76.38
Vrx, V2(HL [dBm])	-66.31	-48.28	-64.93	-65.05	-66.25
Hrx, H2(HL [dBm])	-66.05	-63.22	-64.86	-64.87	-76.13



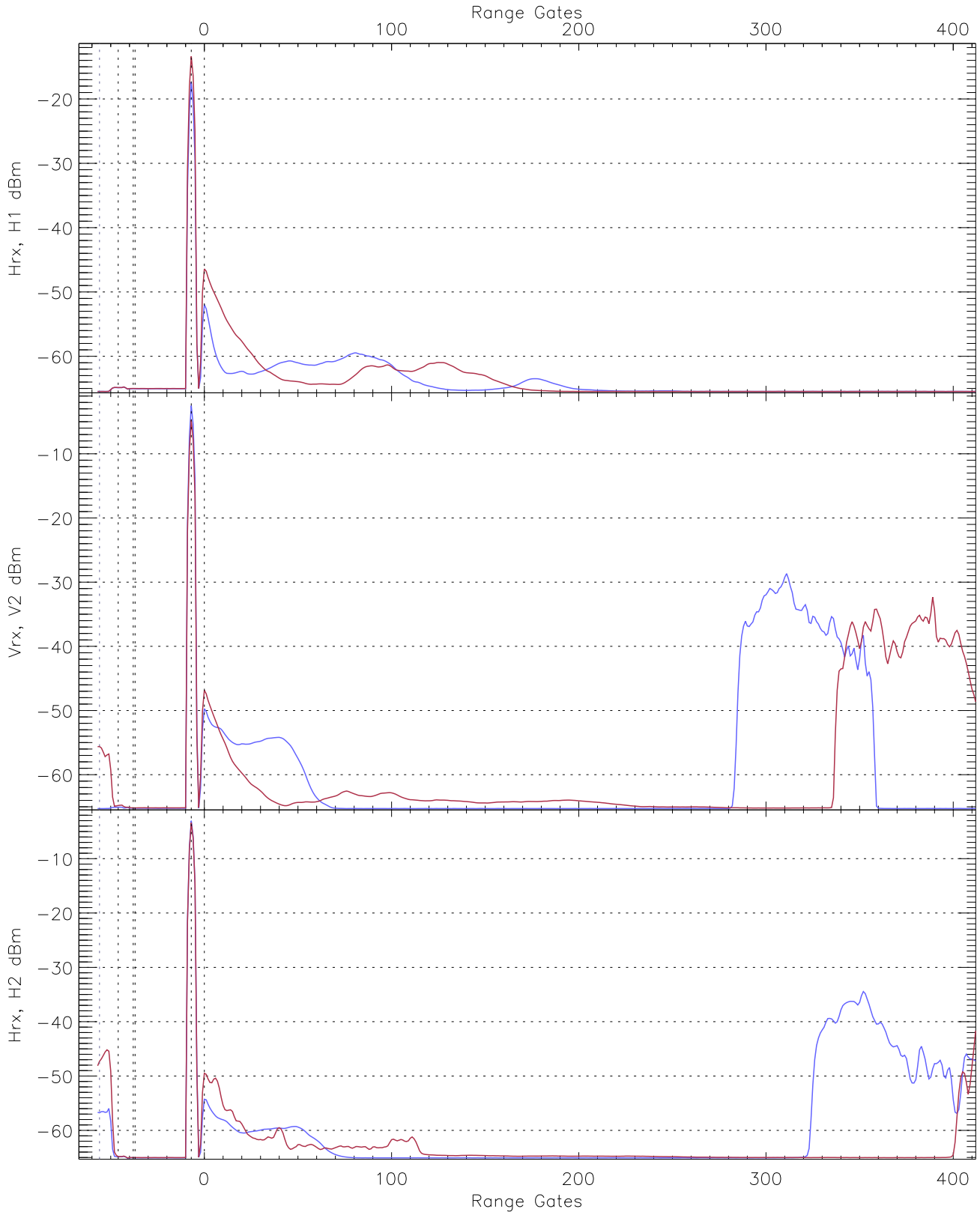
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.67	-64.32	-65.47	-65.48	-76.93
Vrx, V2(RM [dBm])	-66.50	-29.12	-58.18	-65.26	-45.15
Hrx, H2(RM [dBm])	-66.12	-28.79	-49.84	-64.94	-42.28

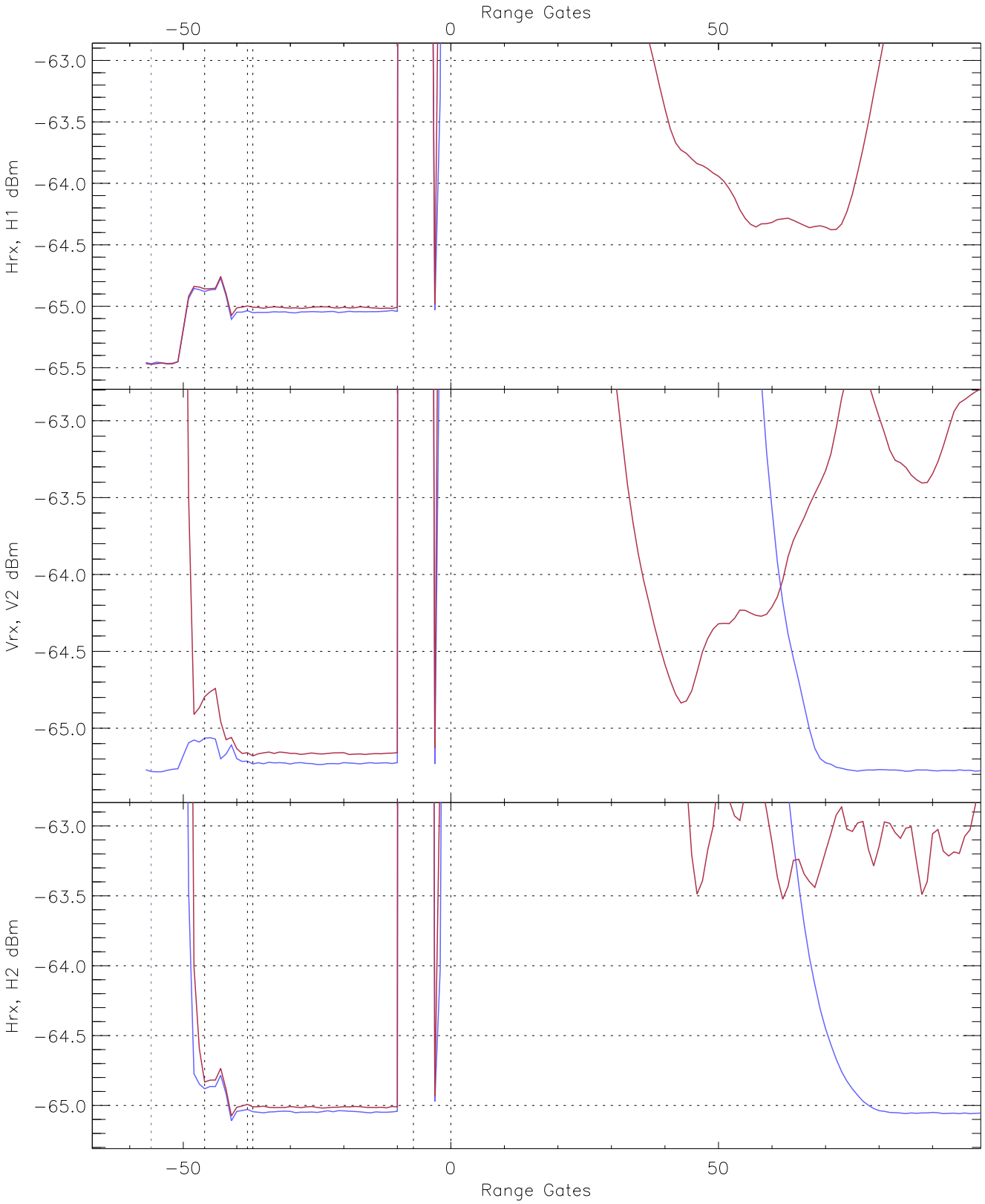


WCR3 CPP "Best" estimate Receivers Noise Power

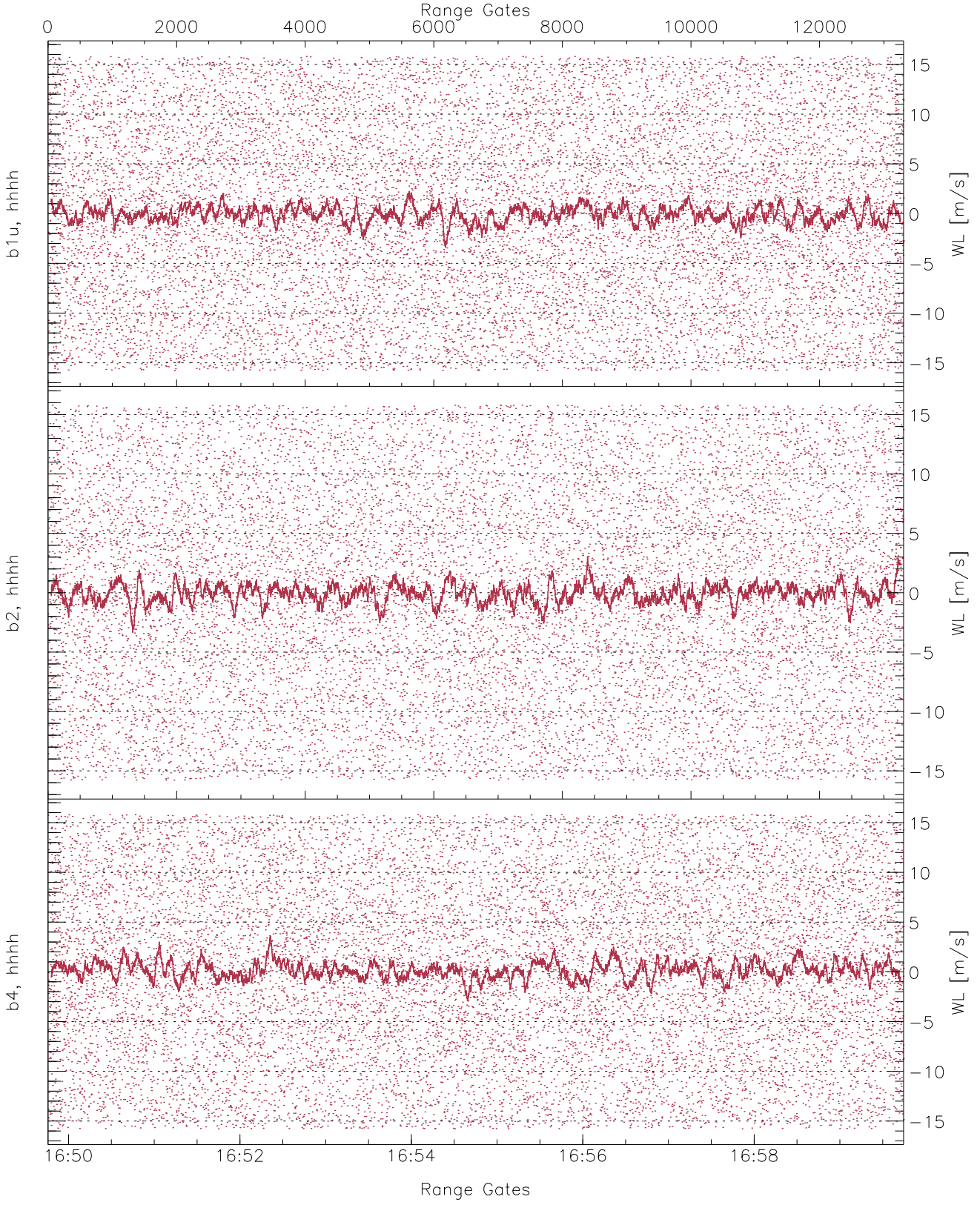
	Min	Max	Mean	Median	StDev
H1RG396_0 [dBm]	-66.87	-64.37	-65.47	-65.48	-76.92
V2WL1_0 [dBm]	-66.56	-64.16	-65.24	-65.25	-76.74
H1WL1_0 [dBm]	-66.18	-63.91	-65.03	-65.04	-76.48



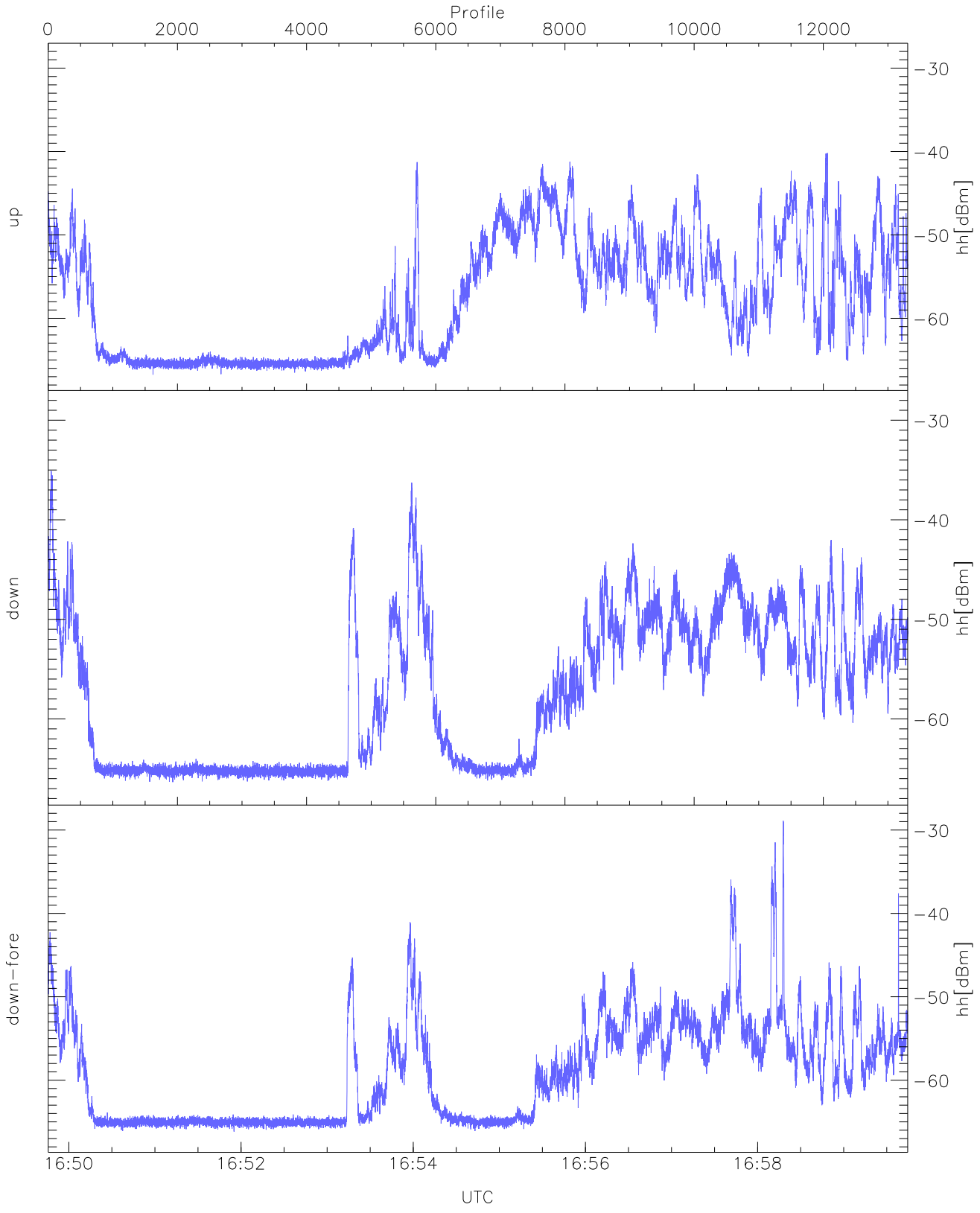
WCR3 CPP Averaged Received power for all recorded gates
blue: 164946-165445, 6655 profiles averaged
red: 165445-165945, 6654 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 164946-165445, 6655 profiles averaged
red: 165445-165945, 6654 profiles averaged

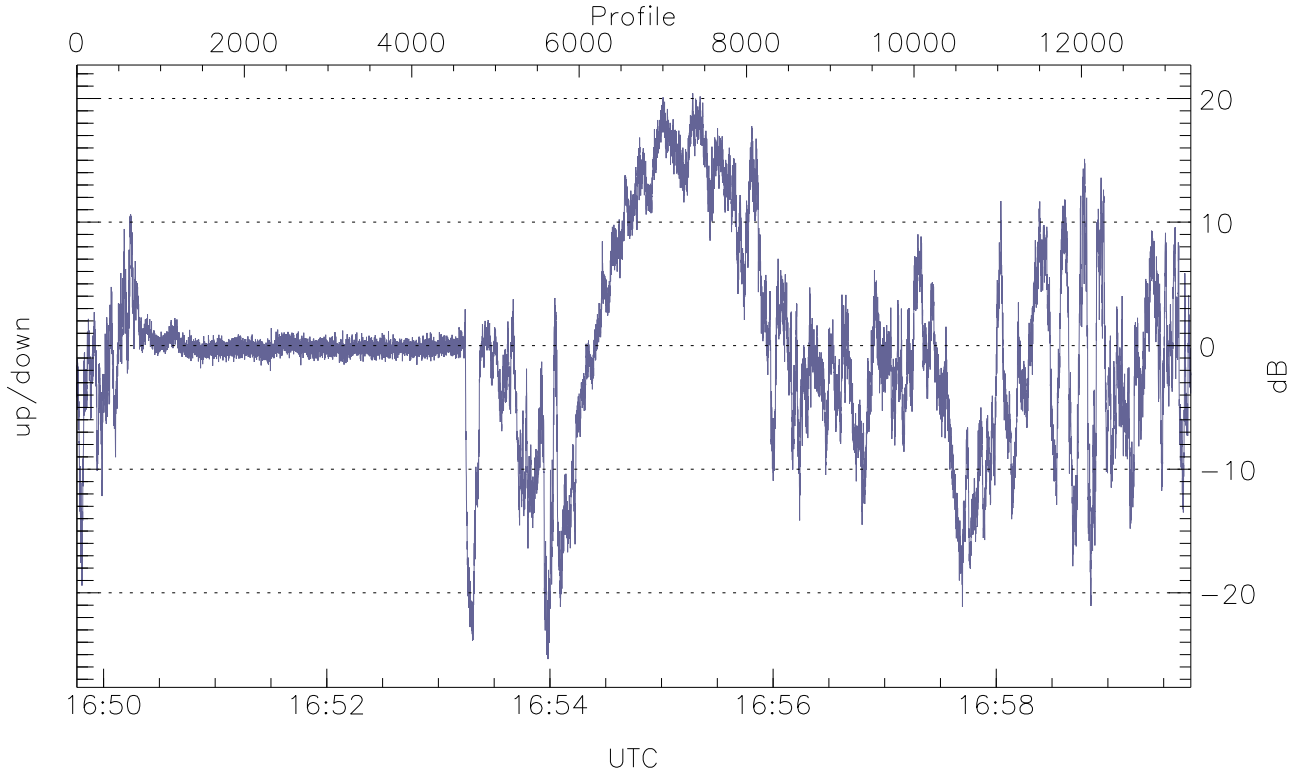


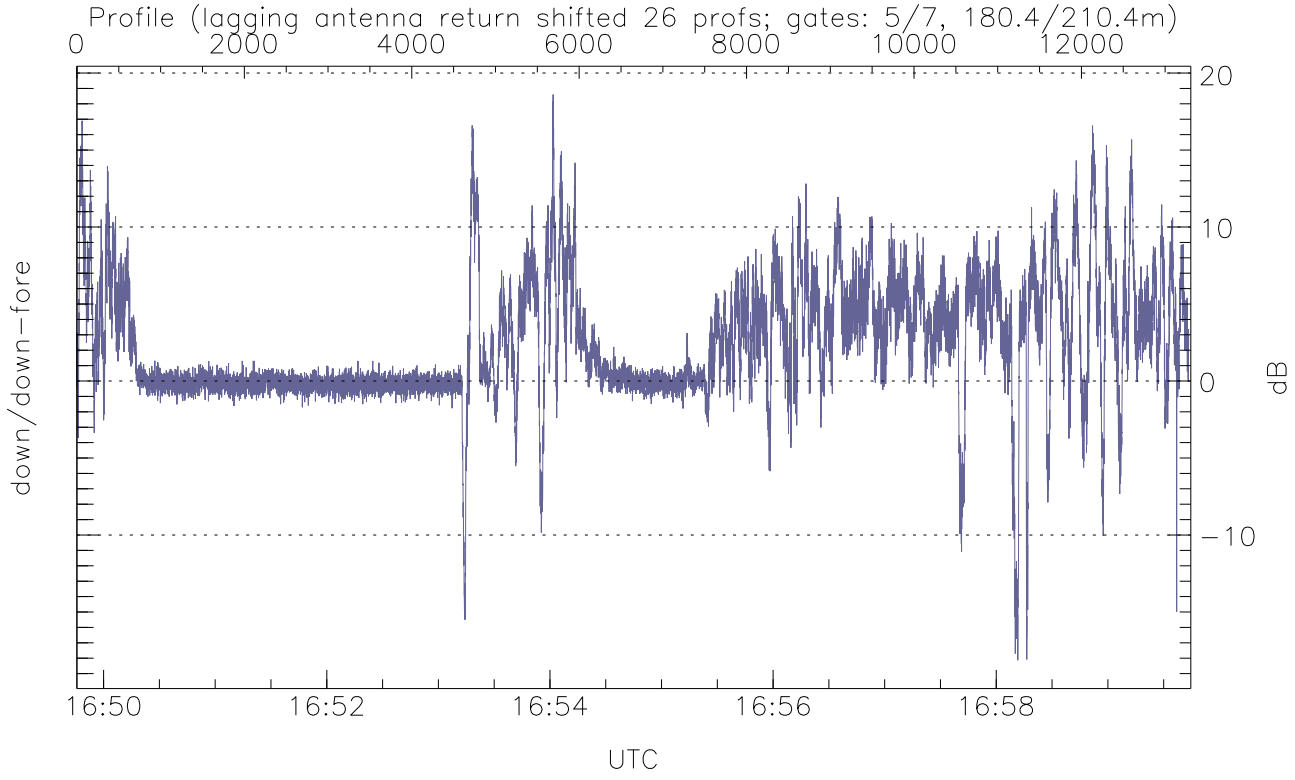
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

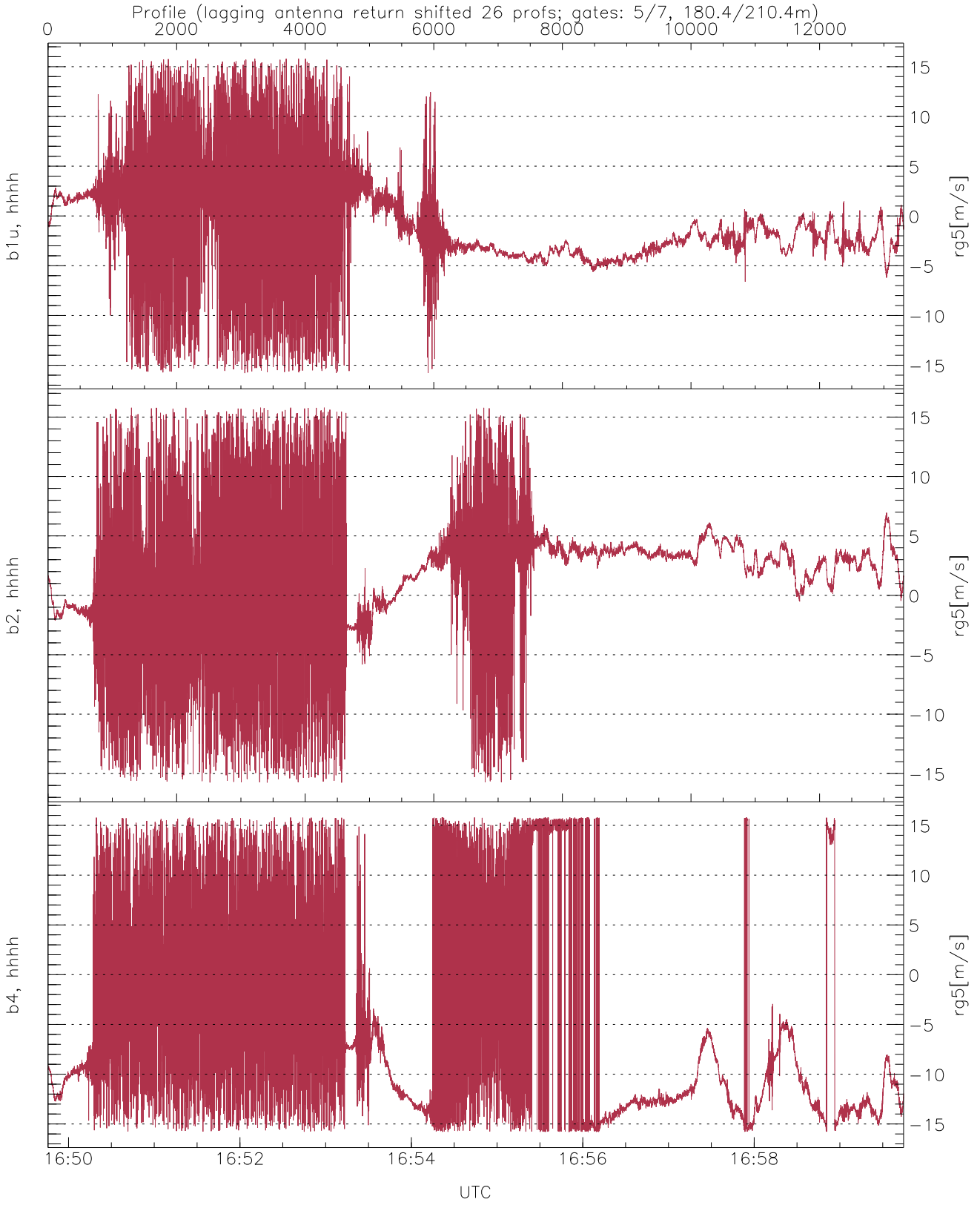
	Min	Max	Mean
up(hh[dBm])	-66.76	-40.18	-52.42
down(hh[dBm])	-66.35	-35.08	-51.56
down-fore(hh[dBm])	-66.16	-28.90	-52.69





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

	Min	Max	Mean
up/down(dB)	-25.36	20.42	-0.24
down/down-fore(dB)	-18.13	18.61	2.45



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	-1.18	4.66
b2, hhhh(rg5[m/s])	-15.76	15.79	1.53	5.19
b4, hhhh(rg5[m/s])	-15.79	15.79	-5.41	9.73