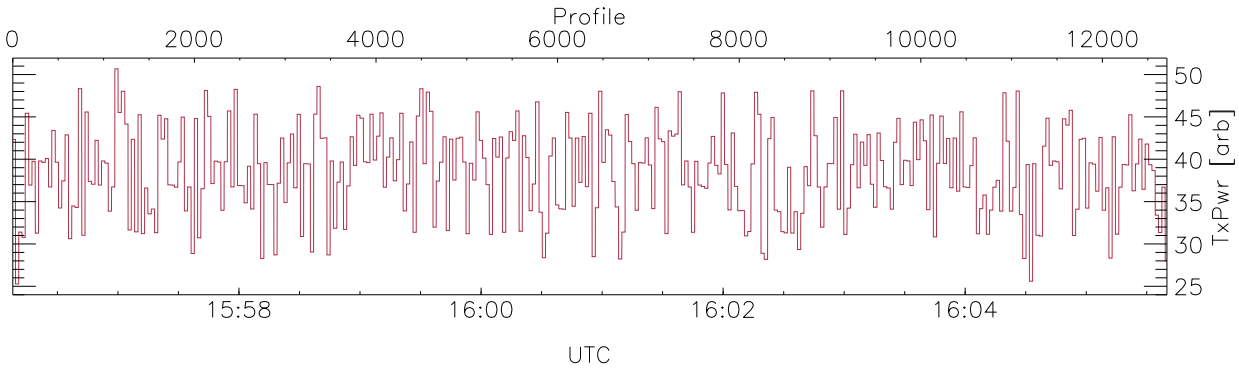
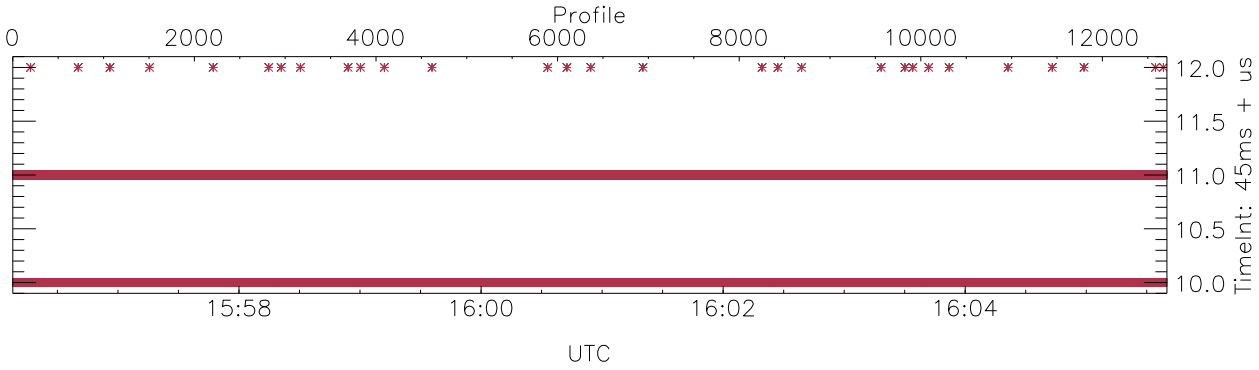
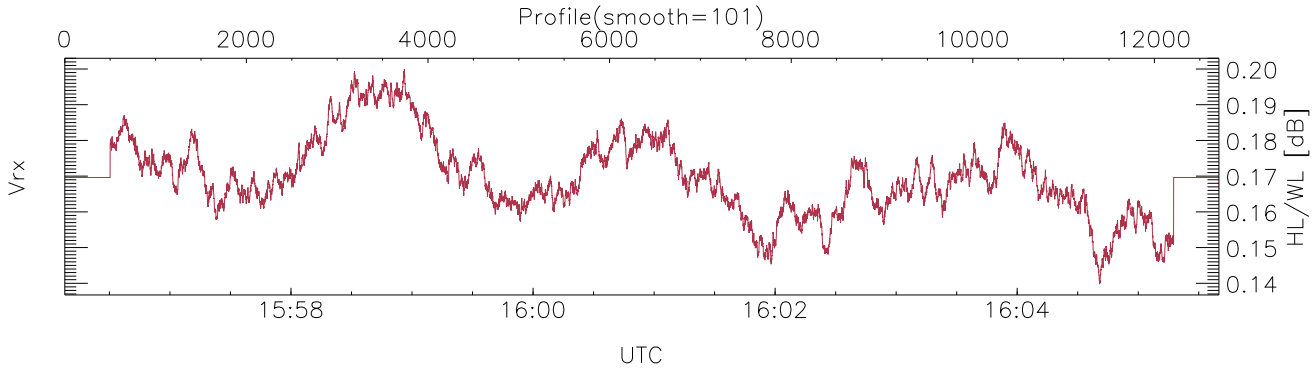
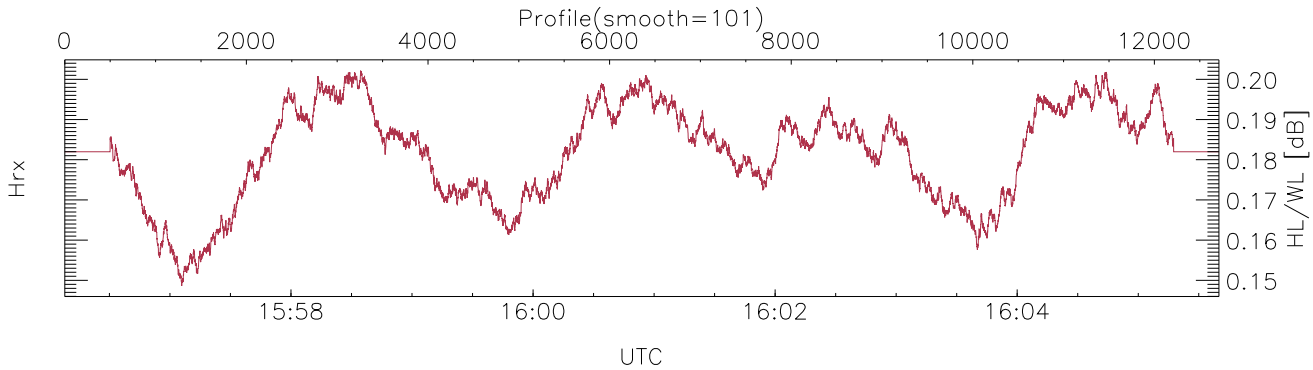


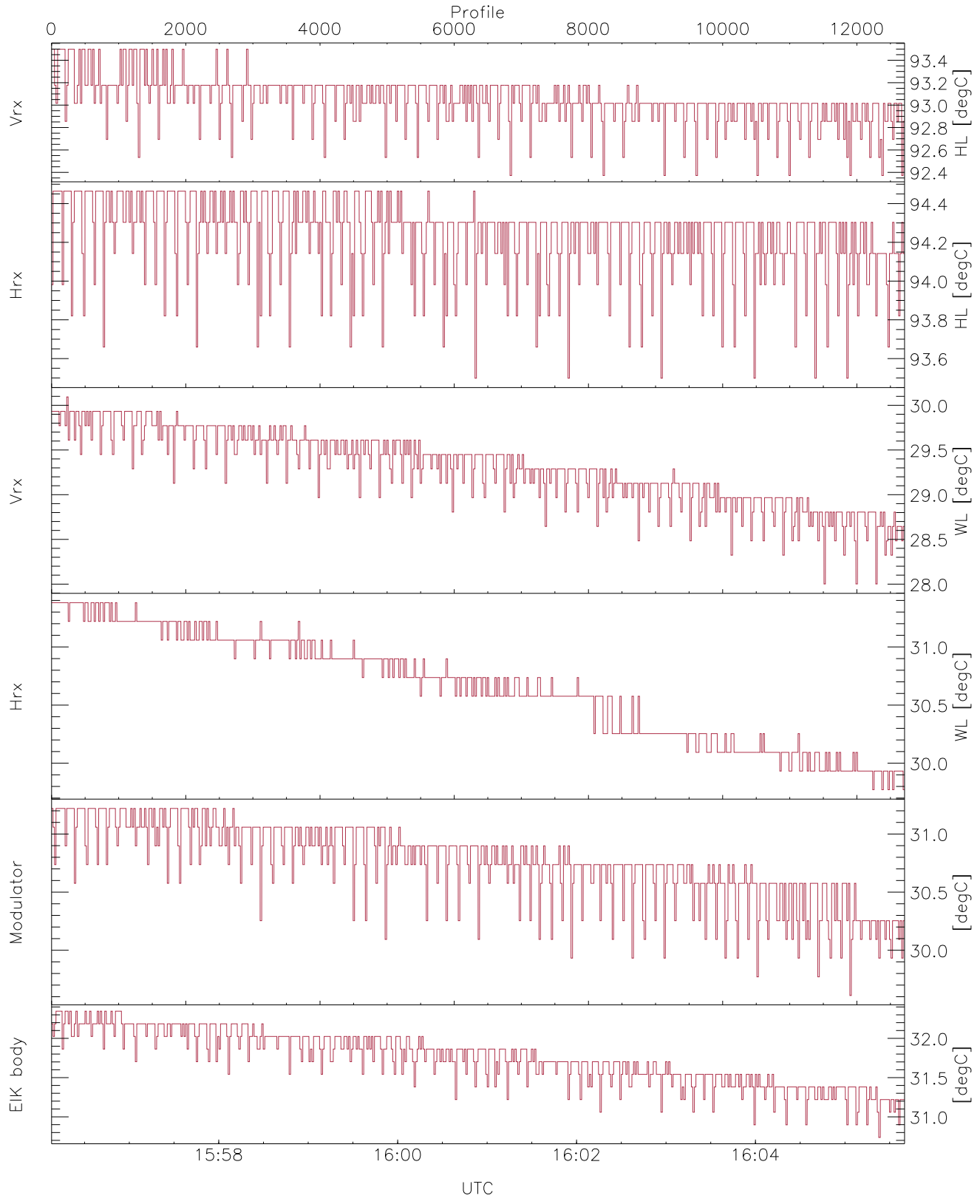






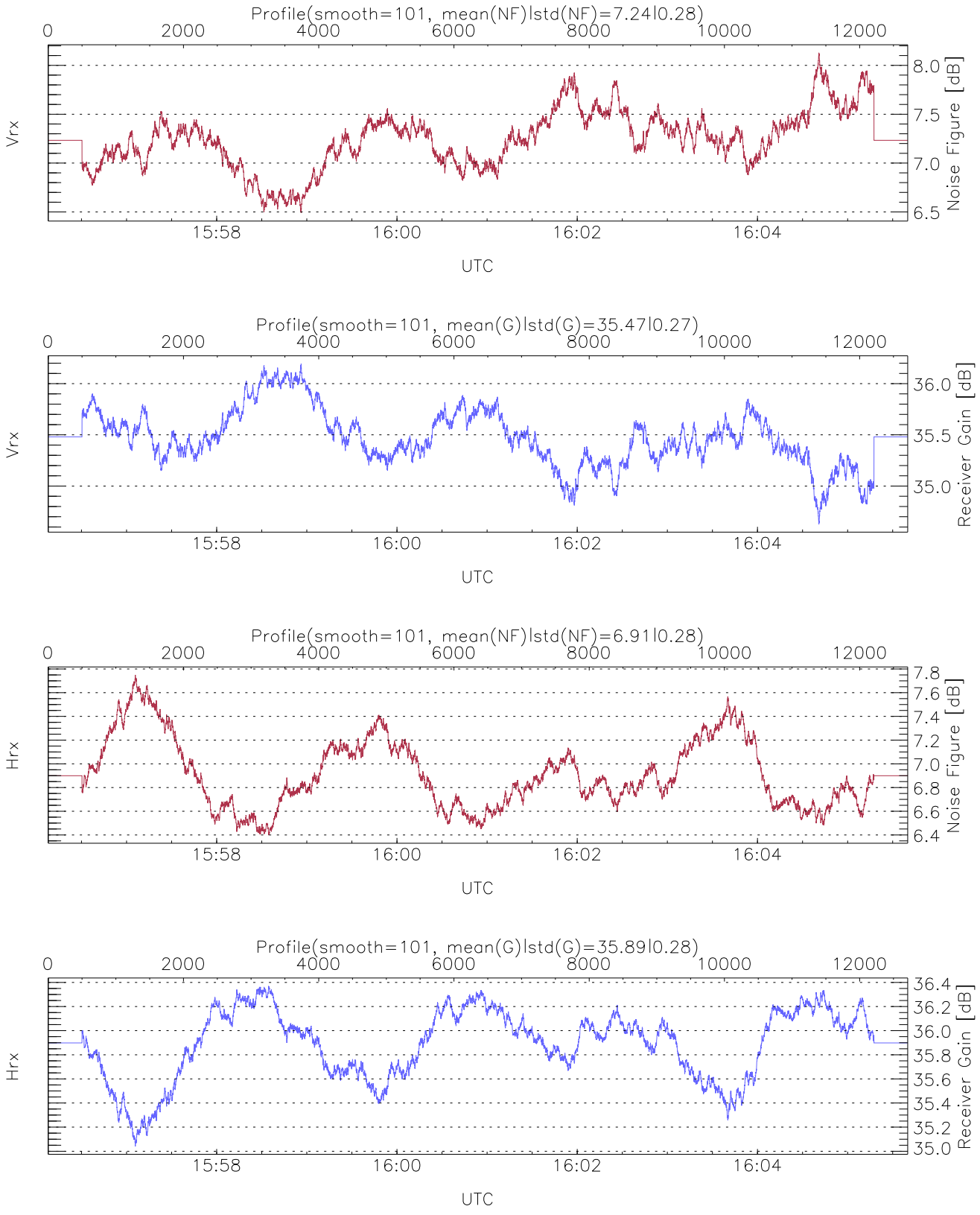
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 15:56:08-16:05:40, TimeCor: 0.00s, Dur: 572.14s
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): 12712/12712, 0-12711/15:56:08-16:05:40
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



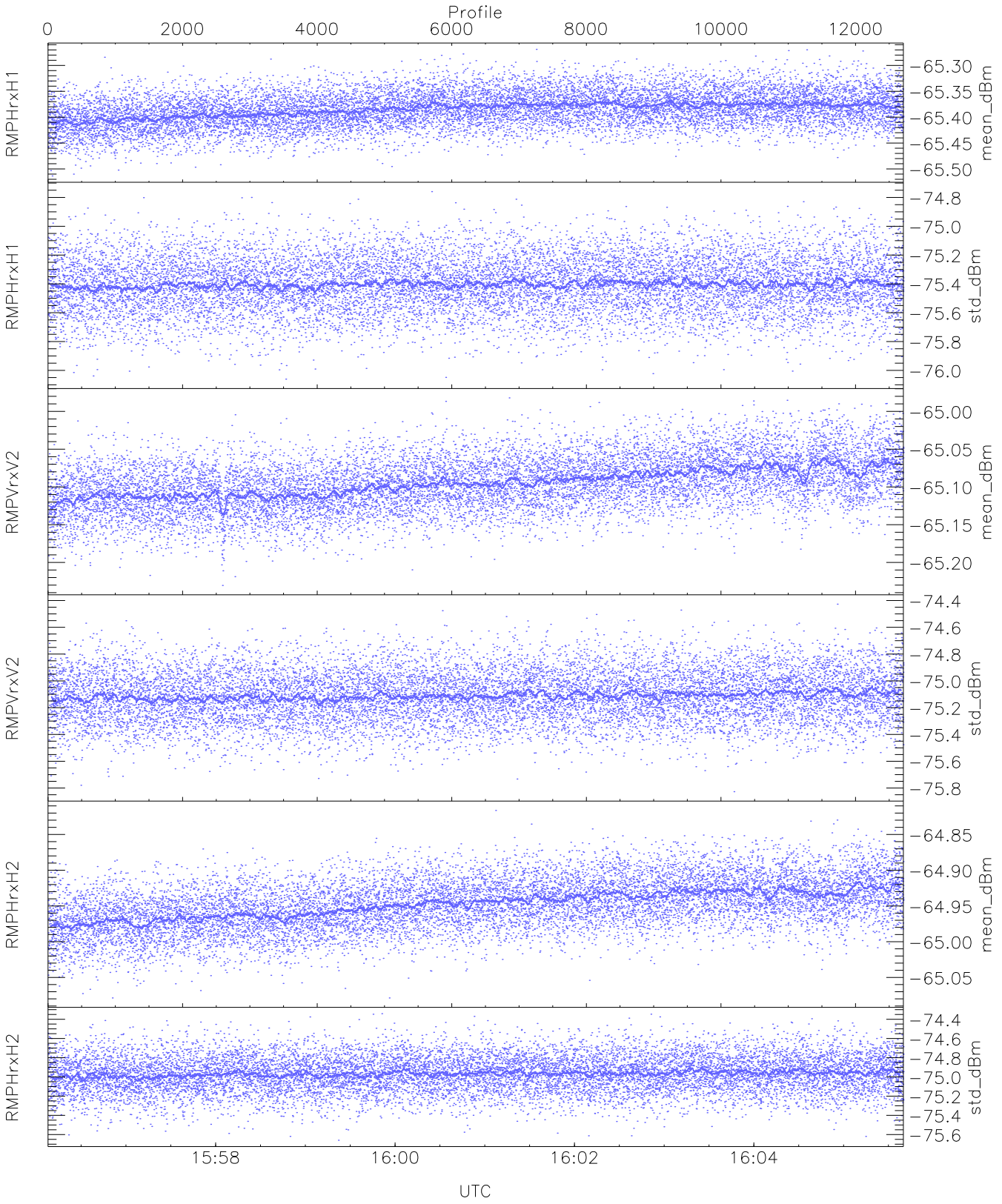
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,28,29,29,30
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,30,31,31,32
LOalarm(20,240,2817,14861 MHz): 0,0,46,0
EIK Faults(# prof affected):
BodyCurr,DeckF,OverDuty,HVPS (23,23,23,23)



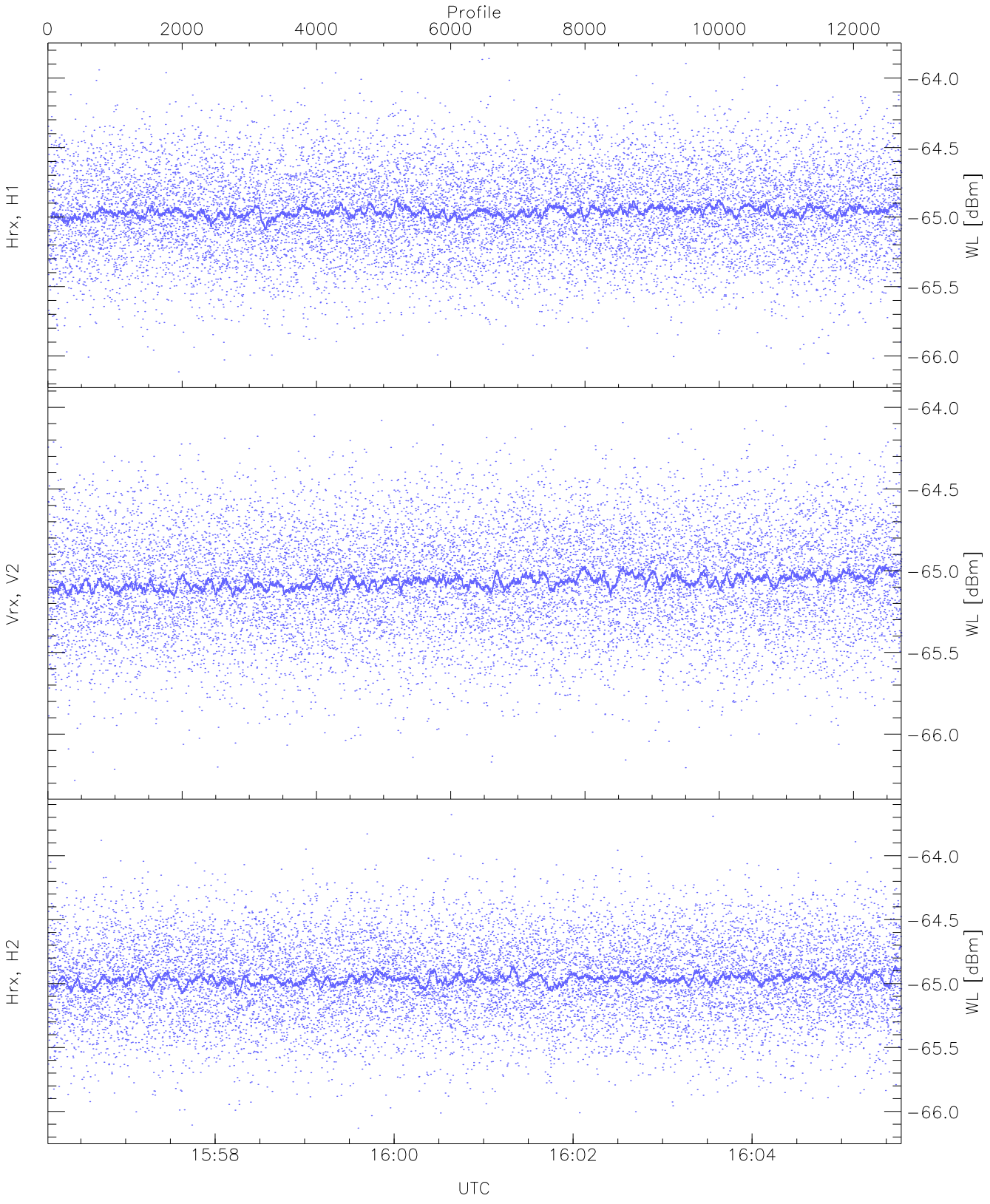
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 12 pixs, 1 gates, 12 profs, 1 prod(s)



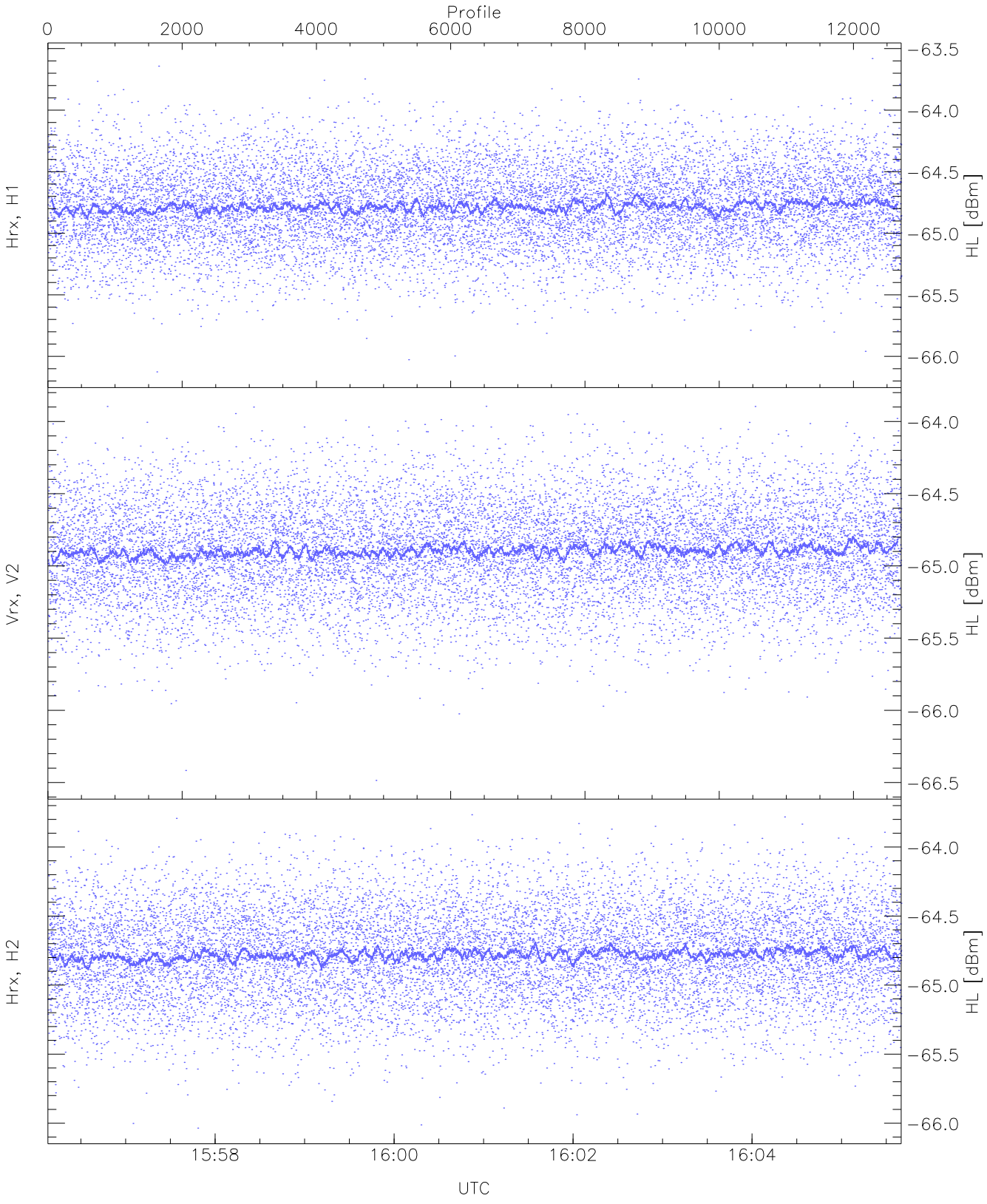
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.51	-65.27	-65.39	-65.39	-86.63
RMPHrxH1(std_dBm)	-76.06	-74.76	-75.40	-75.41	-89.20
RMPVrxV2(mean_dBm)	-65.23	-64.98	-65.10	-65.10	-86.17
RMPVrxV2(std_dBm)	-75.83	-74.43	-75.11	-75.11	-88.90
RMPHrxH2(mean_dBm)	-65.08	-64.82	-64.95	-64.95	-85.96
RMPHrxH2(std_dBm)	-75.66	-74.34	-74.97	-74.97	-88.78



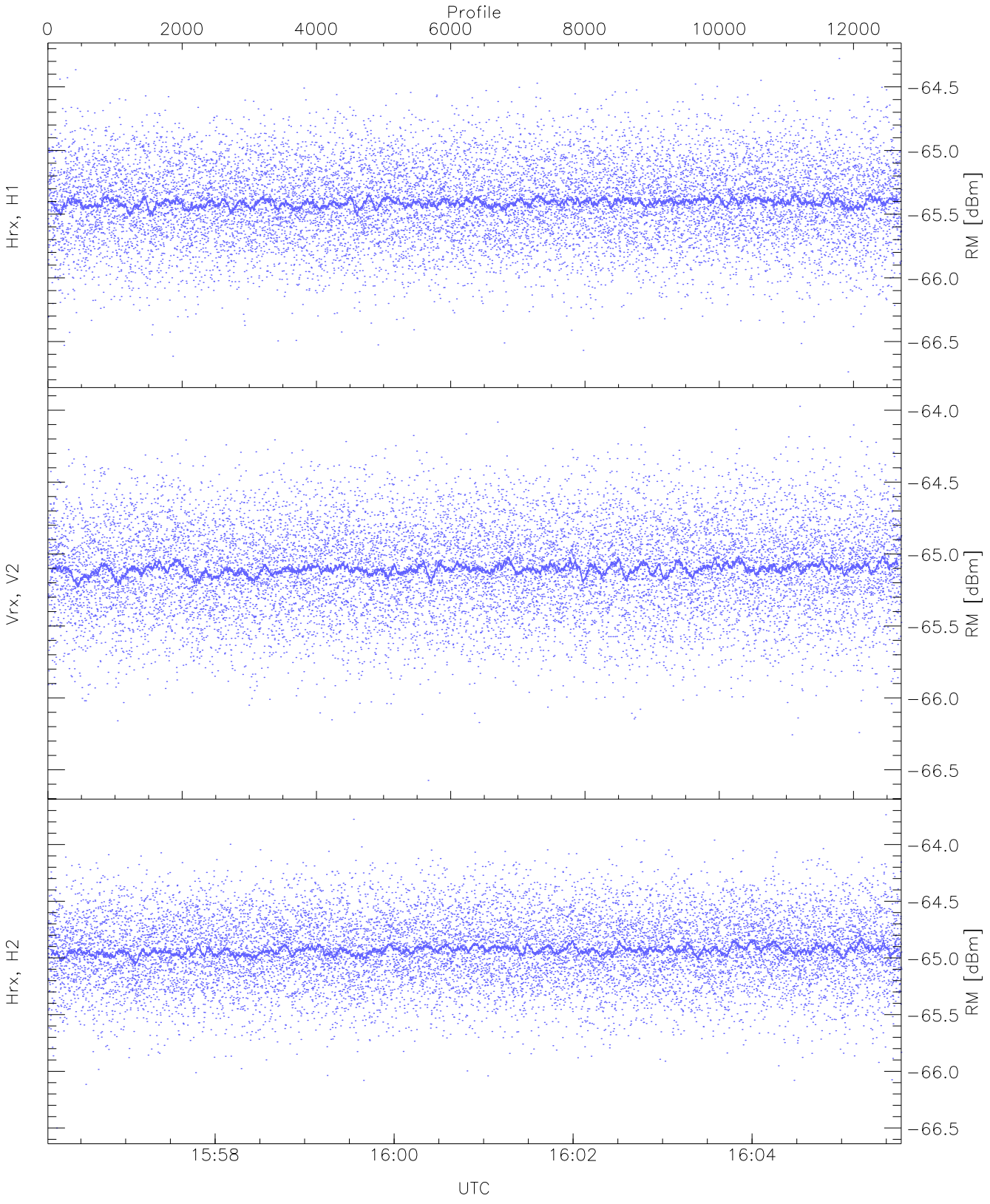
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.11	-63.86	-64.96	-64.97	-76.50
Vrx, V2(WL [dBm])	-66.28	-63.99	-65.06	-65.07	-76.57
Hrx, H2(WL [dBm])	-66.13	-63.68	-64.96	-64.96	-76.41



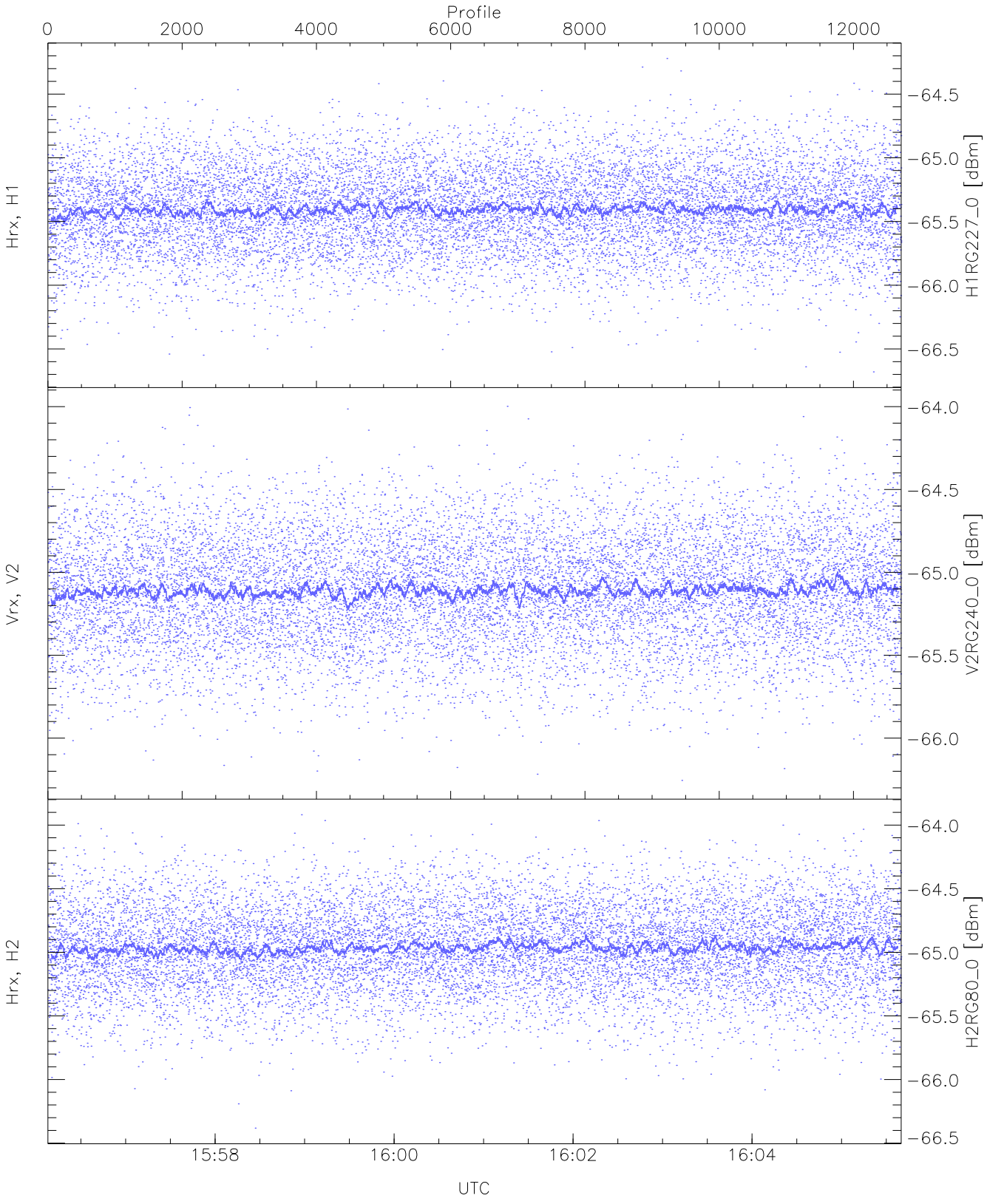
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-66.13	-63.58	-64.78	-64.78	-76.29
Vrx, V2(HL [dBm])	-66.49	-63.89	-64.89	-64.89	-76.39
Hrx, H2(HL [dBm])	-66.04	-63.77	-64.77	-64.78	-76.27



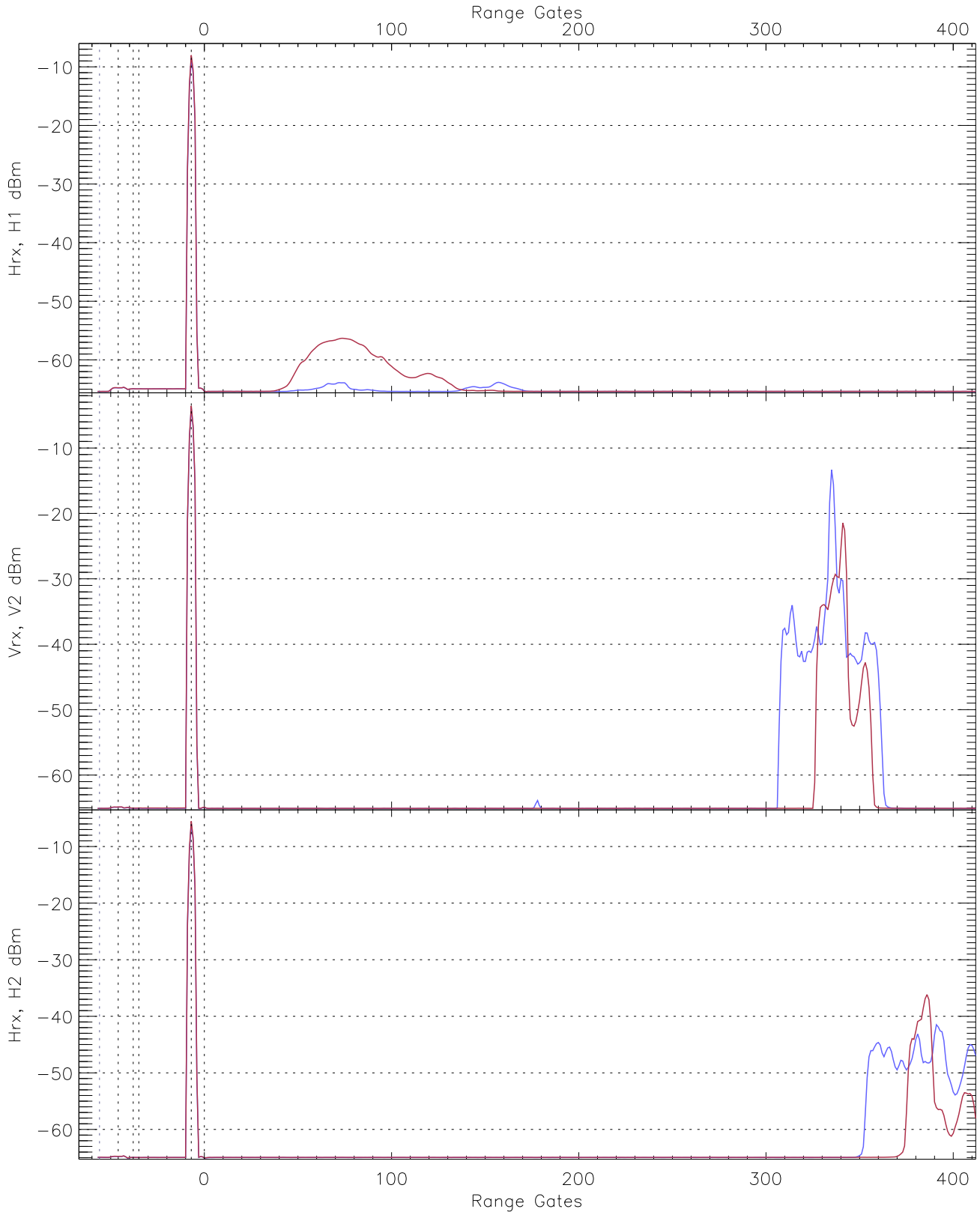
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.74	-64.28	-65.40	-65.41	-76.95
Vrx, V2(RM [dBm])	-66.57	-63.97	-65.10	-65.10	-76.59
Hrx, H2(RM [dBm])	-66.50	-63.74	-64.93	-64.93	-76.46

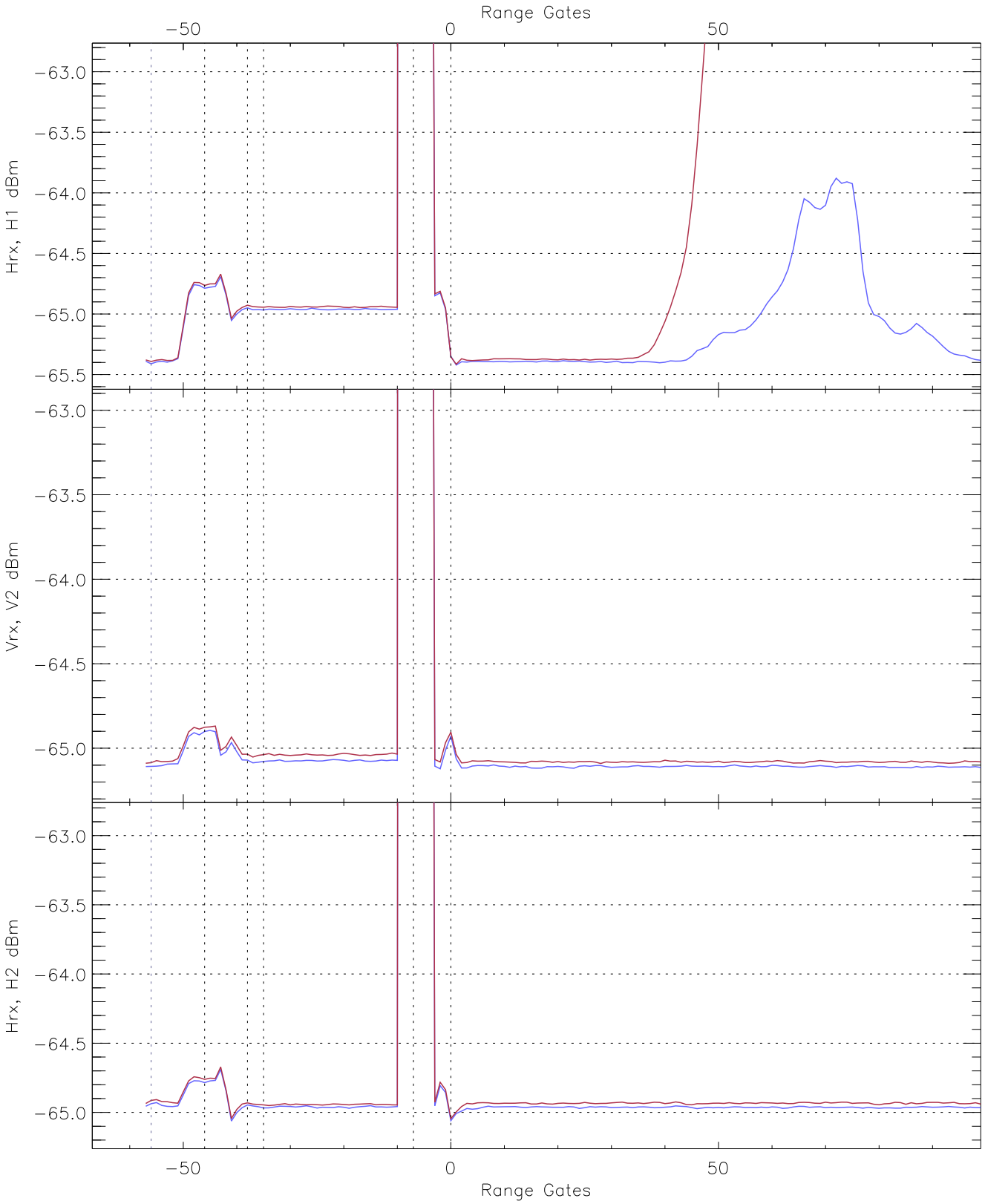


WCR3 CPP "Best" estimate Receivers Noise Power

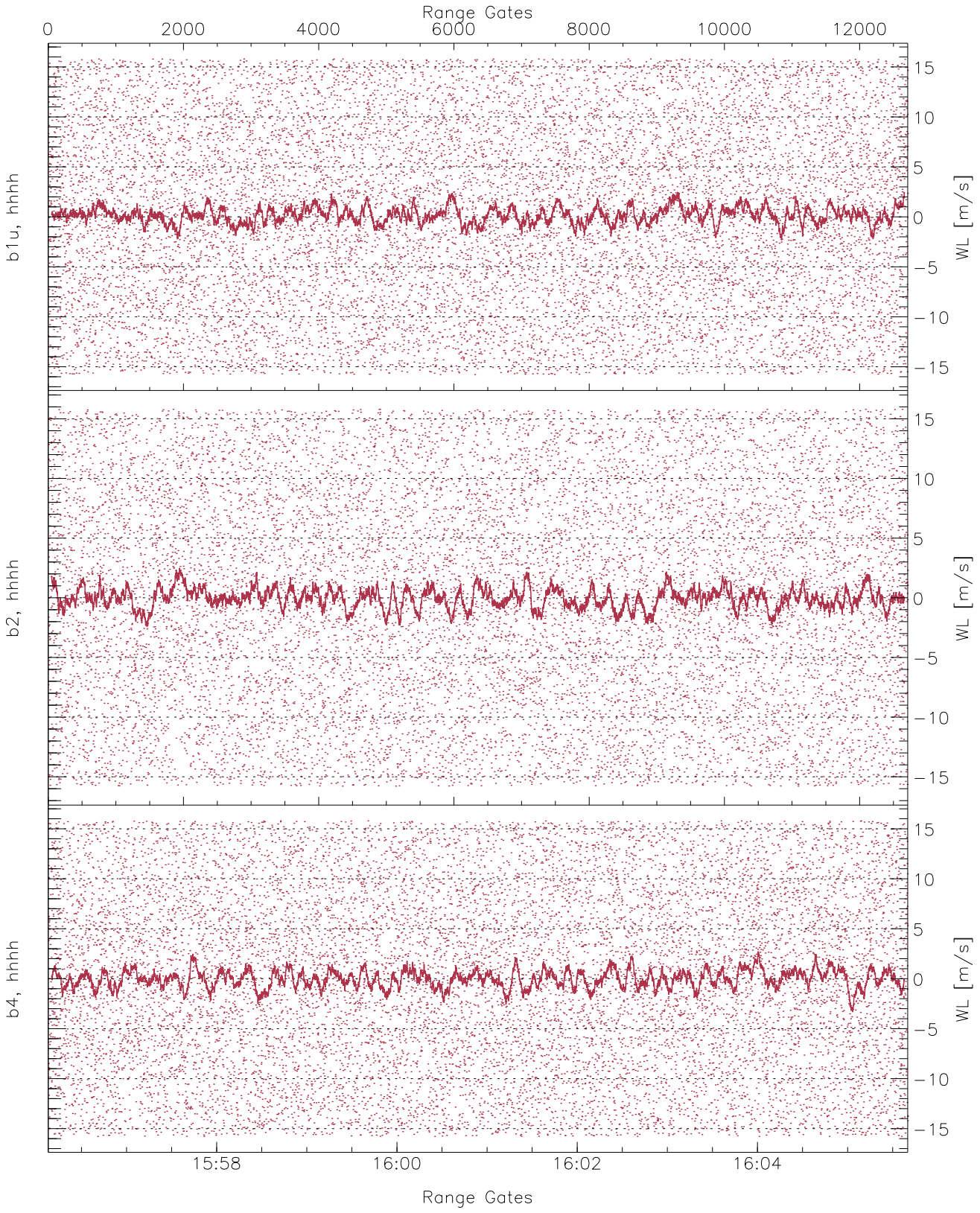
	Min	Max	Mean	Median	StDev
H1RG227_0 [dBm]	-66.68	-64.22	-65.40	-65.41	-76.88
V2RG240_0 [dBm]	-66.26	-64.00	-65.10	-65.11	-76.62
H2RG80_0 [dBm]	-66.38	-63.92	-64.96	-64.97	-76.47



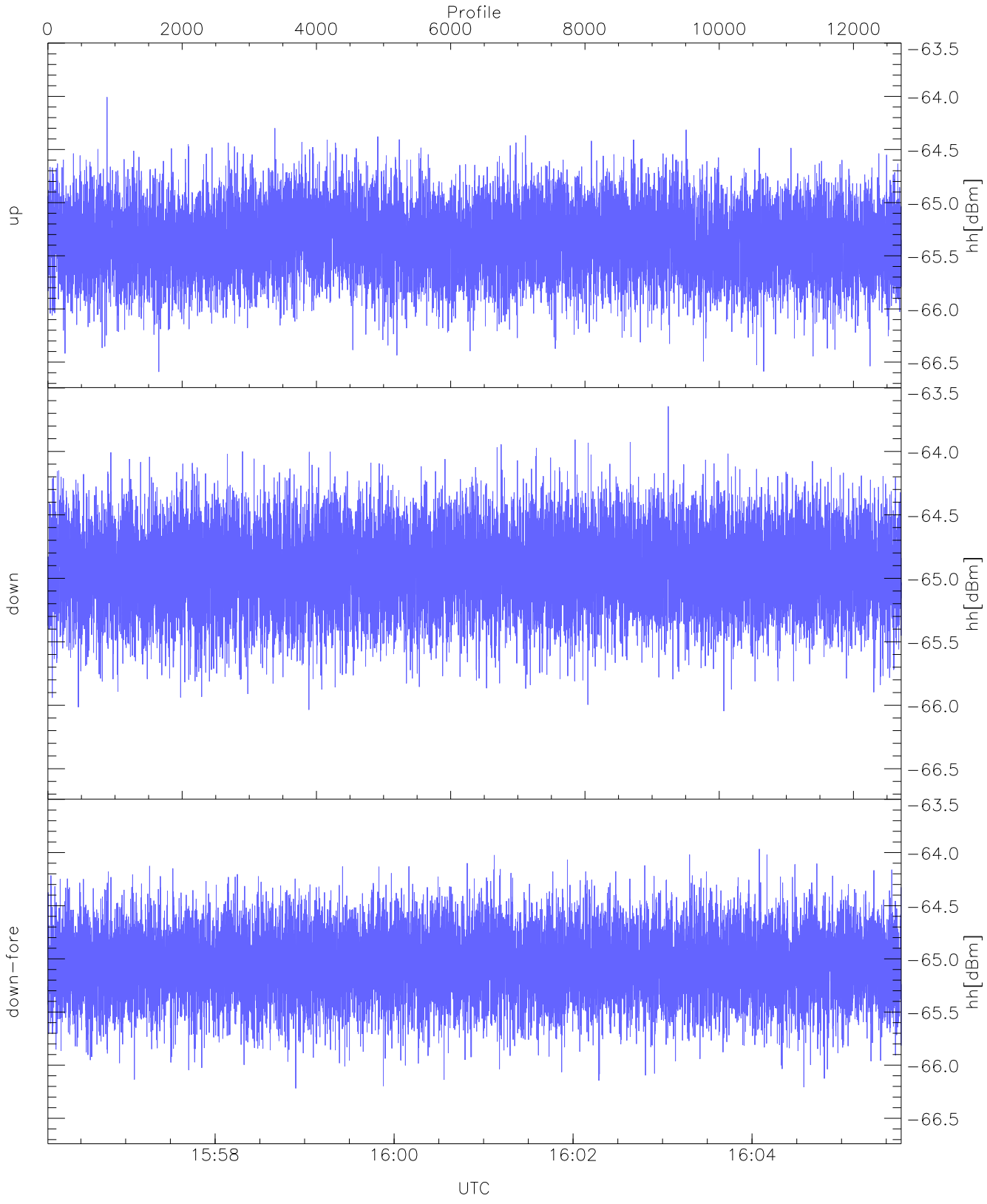
WCR3 CPP Averaged Received power for all recorded gates
blue: 155608-160054, 6357 profiles averaged
red: 160054-160540, 6356 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 155608-160054, 6357 profiles averaged
red: 160054-160540, 6356 profiles averaged

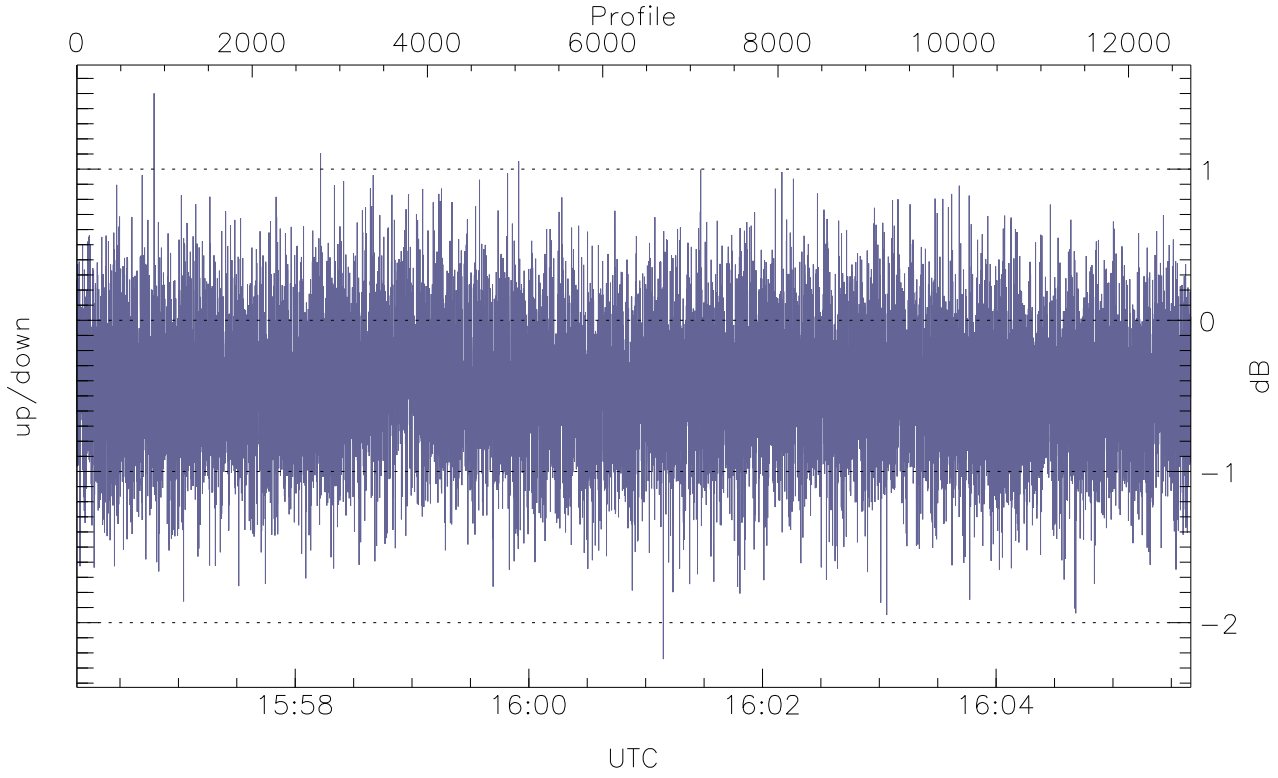


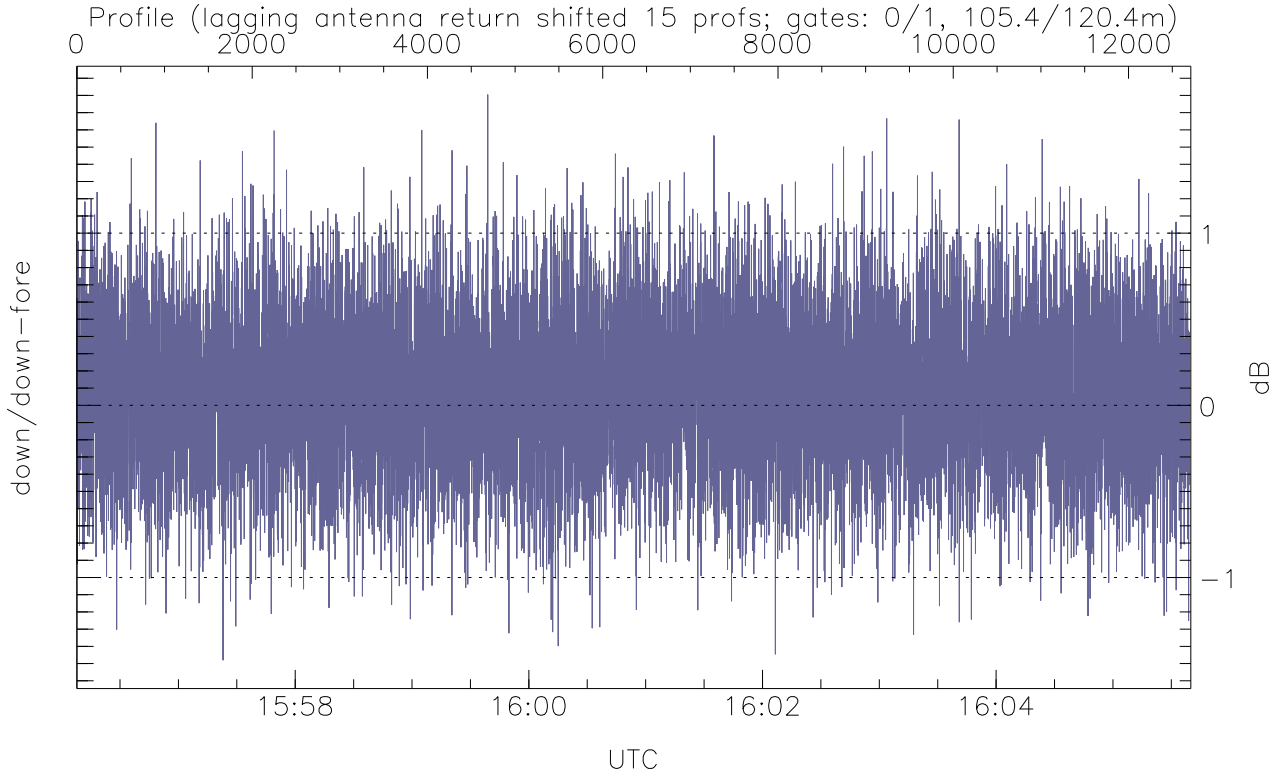
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



WCR3 CPP Received Power Products for Range gate 0 (105.4 m)

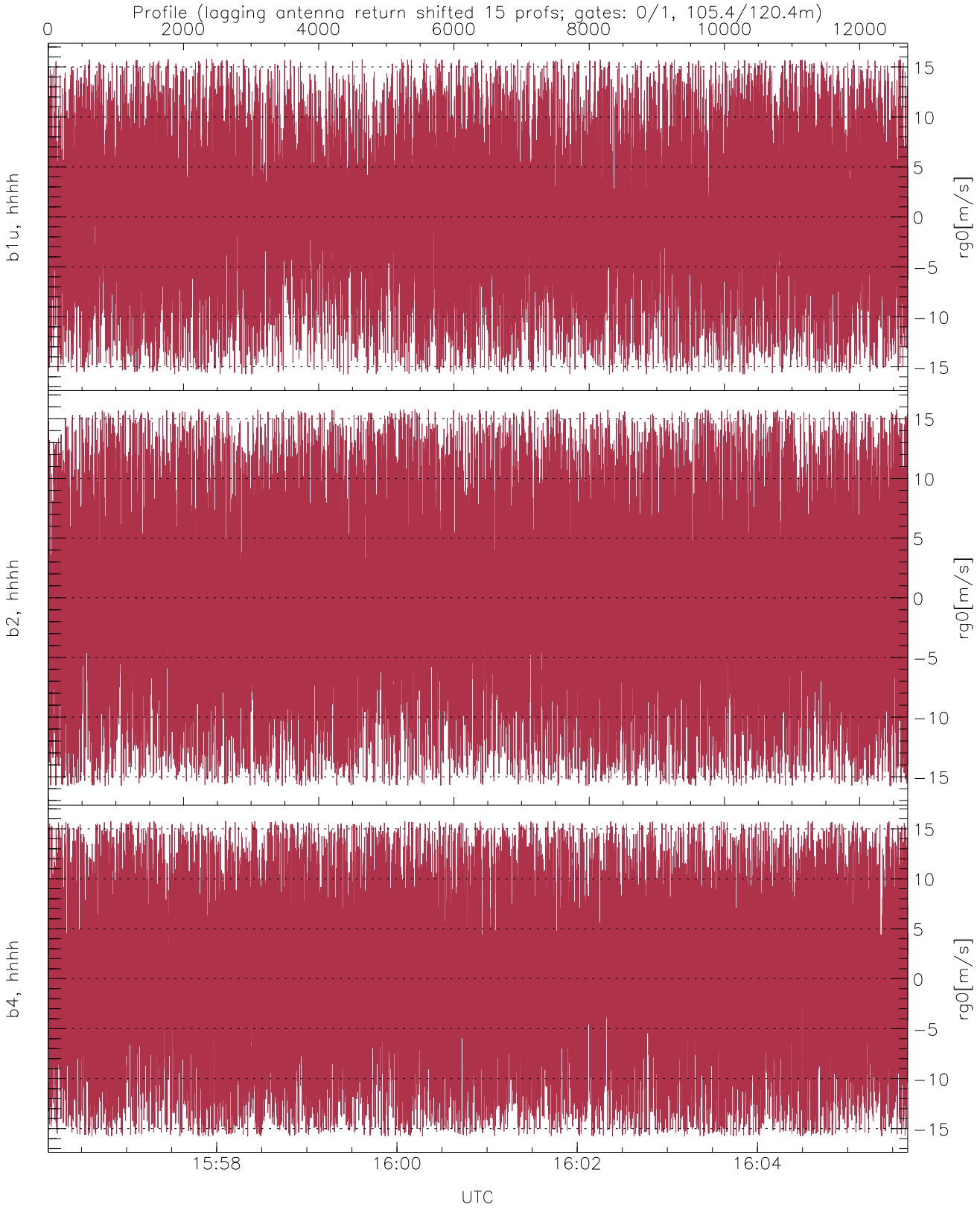
	Min	Max	Mean
up(hh[dBm])	-66.59	-64.01	-65.35
down(hh[dBm])	-66.05	-63.64	-64.92
down-fore(hh[dBm])	-66.22	-63.97	-65.05





WCR3 Beam pairs Received Power Ratio(s); RangeGate: 0 (105 m)

	Min	Max	Mean
up/down(dB)	-2.24	1.50	-0.43
down/down-fore(dB)	-1.48	1.81	0.09



WCR3 CPP Doppler Velocity Products at 105.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg0[m/s])	-15.75	15.79	0.01	7.50
b2, hhhh(rg0[m/s])	-15.79	15.79	0.01	8.41
b4, hhhh(rg0[m/s])	-15.78	15.79	-0.00	8.65