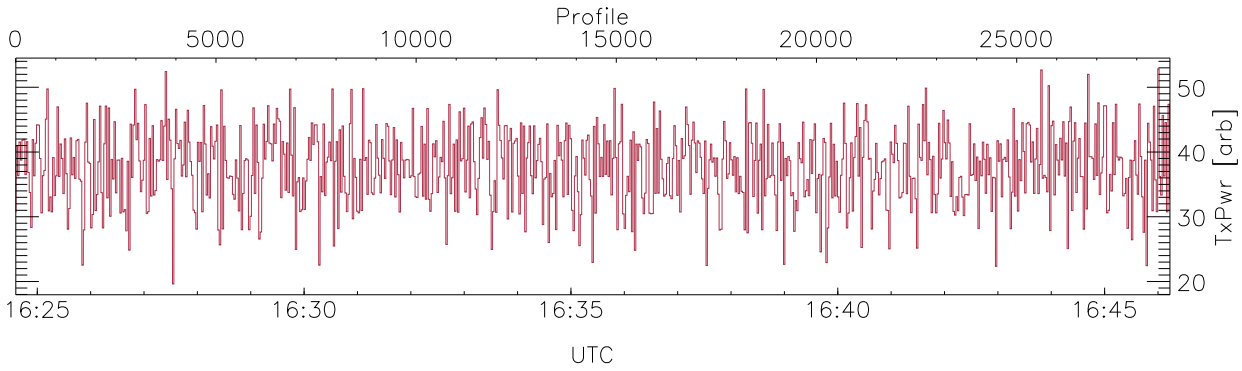
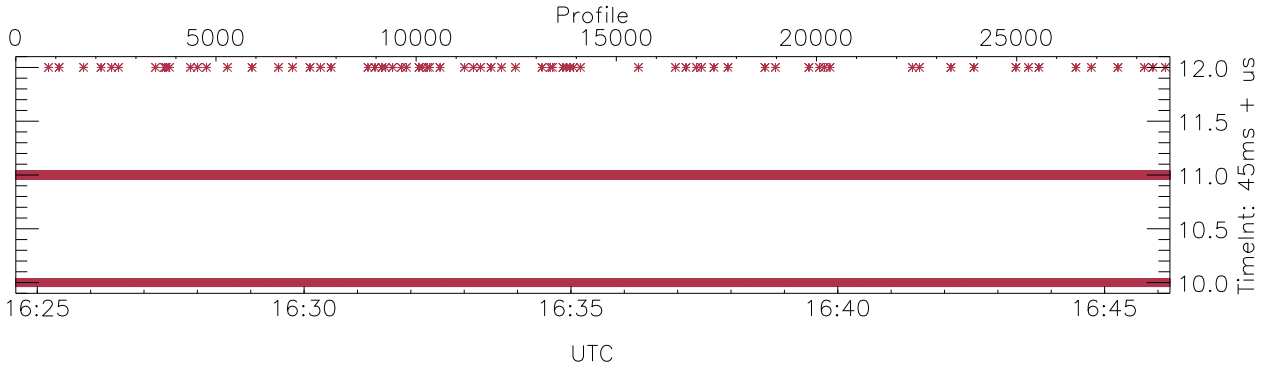
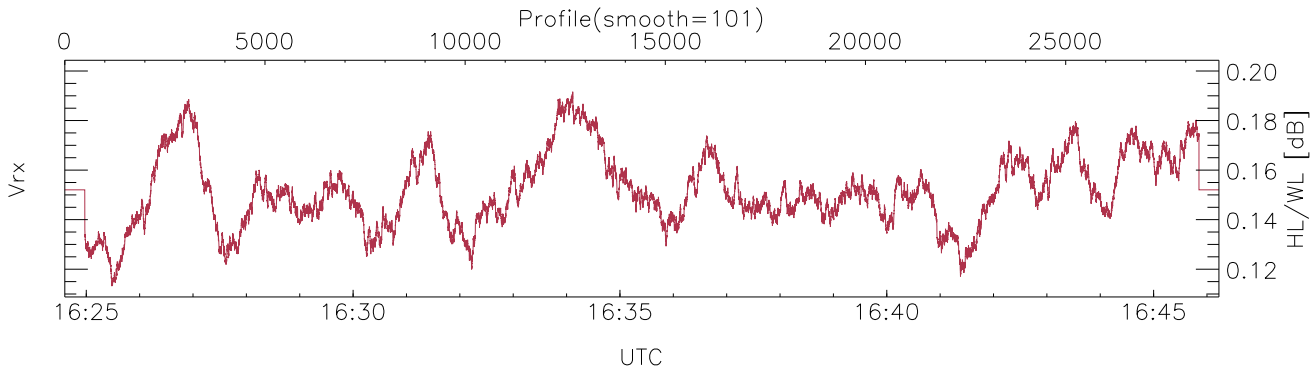
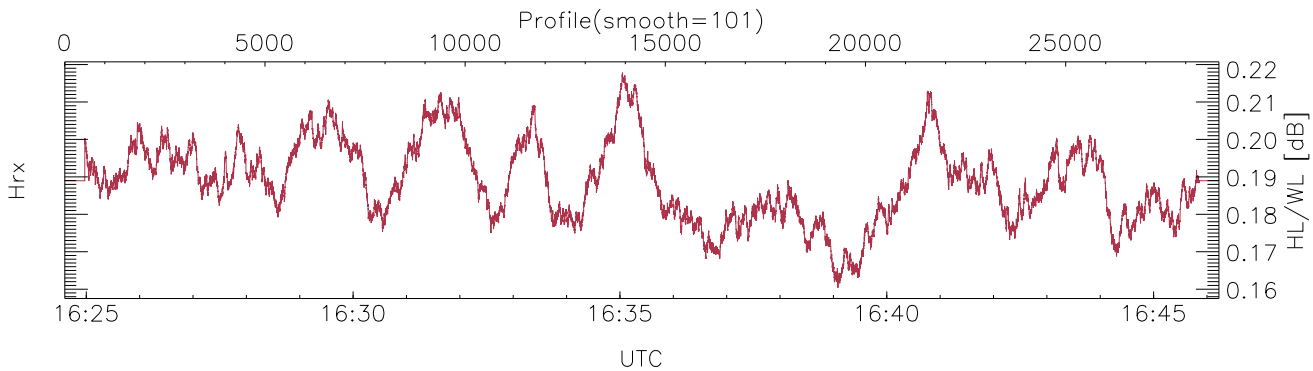


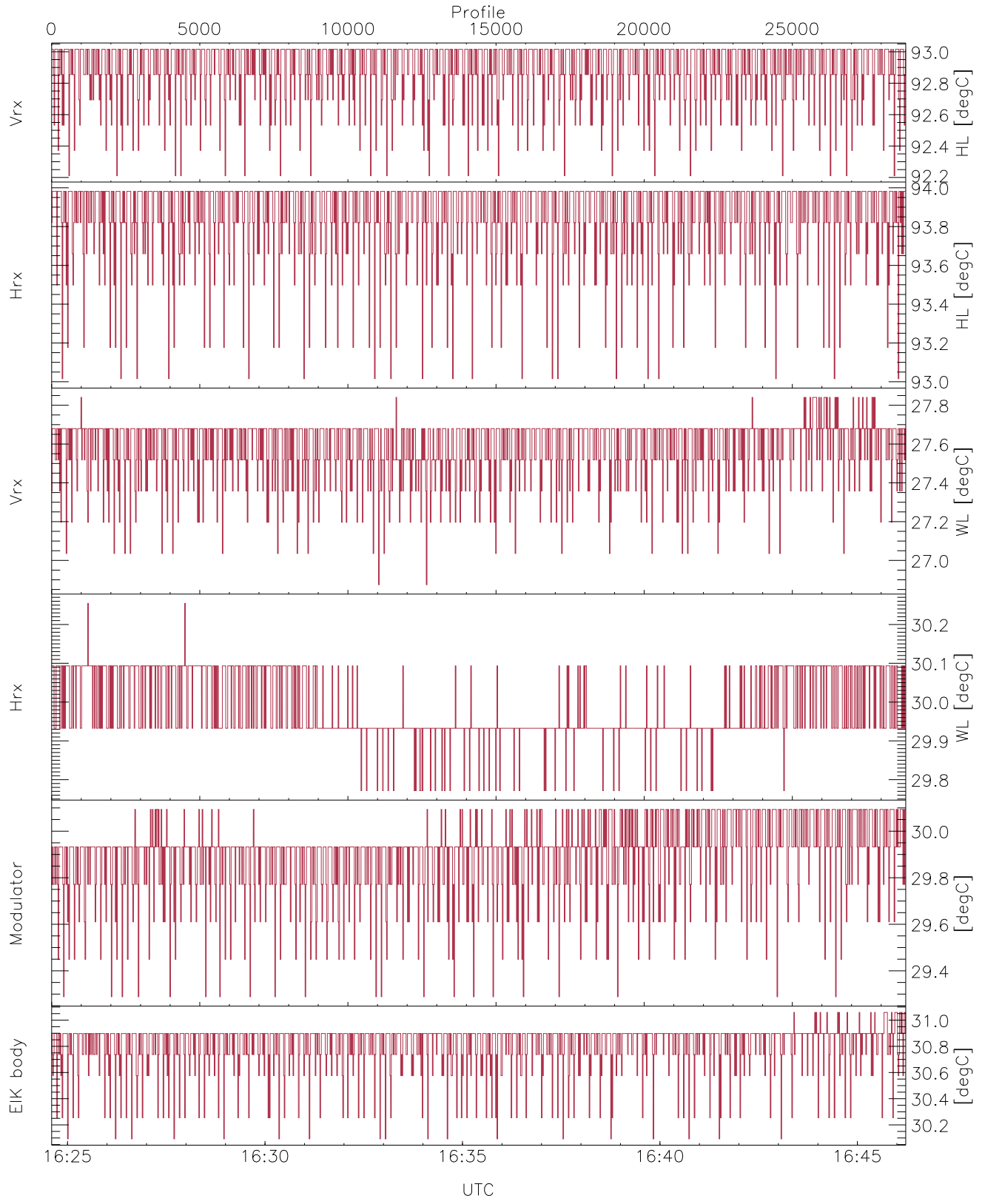






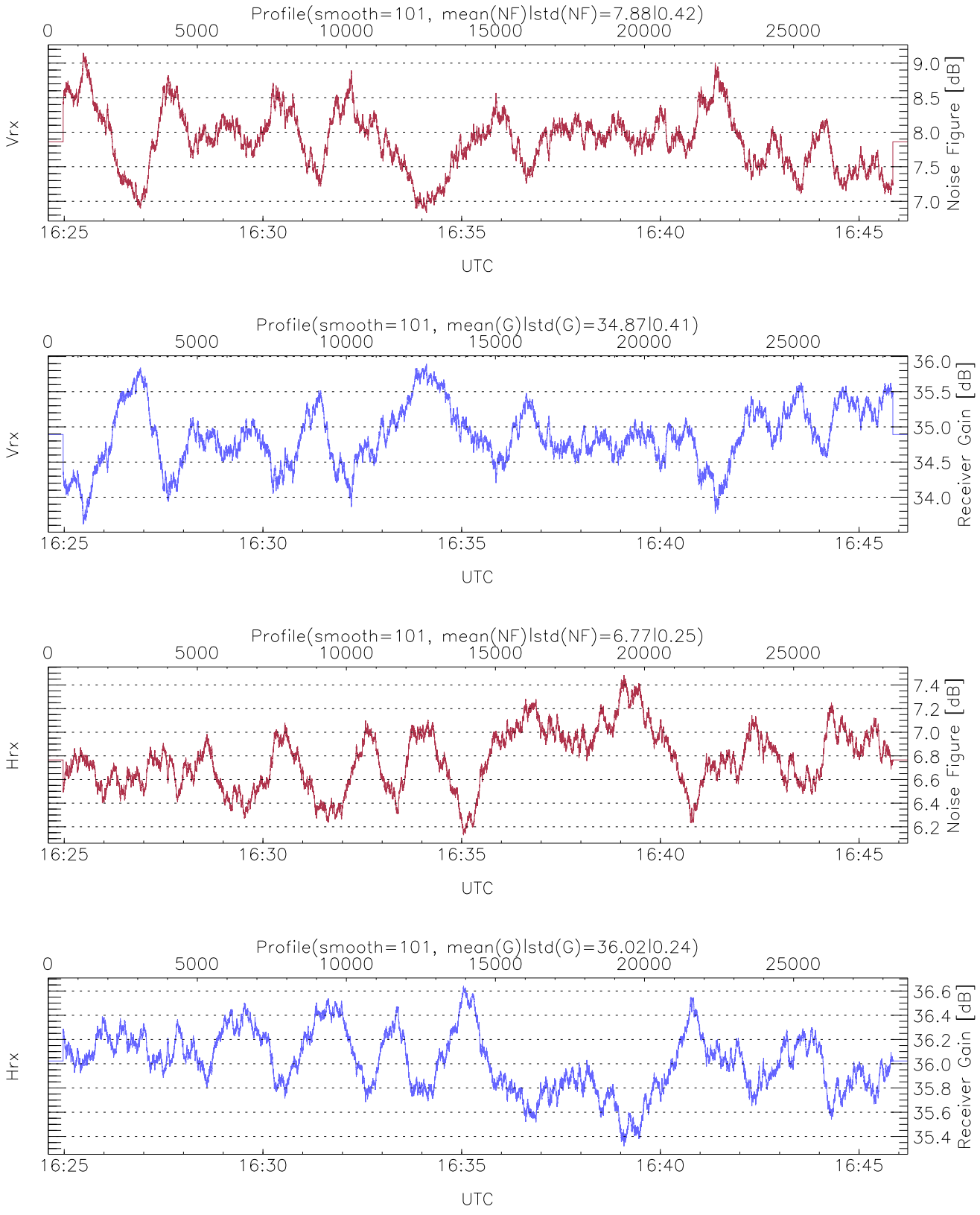
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 16:24:36-16:46:13, TimeCor: 0.00s, Dur: 1297.63s
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): 28830/28830, 0-28829/16:24:36-16:46:13
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 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



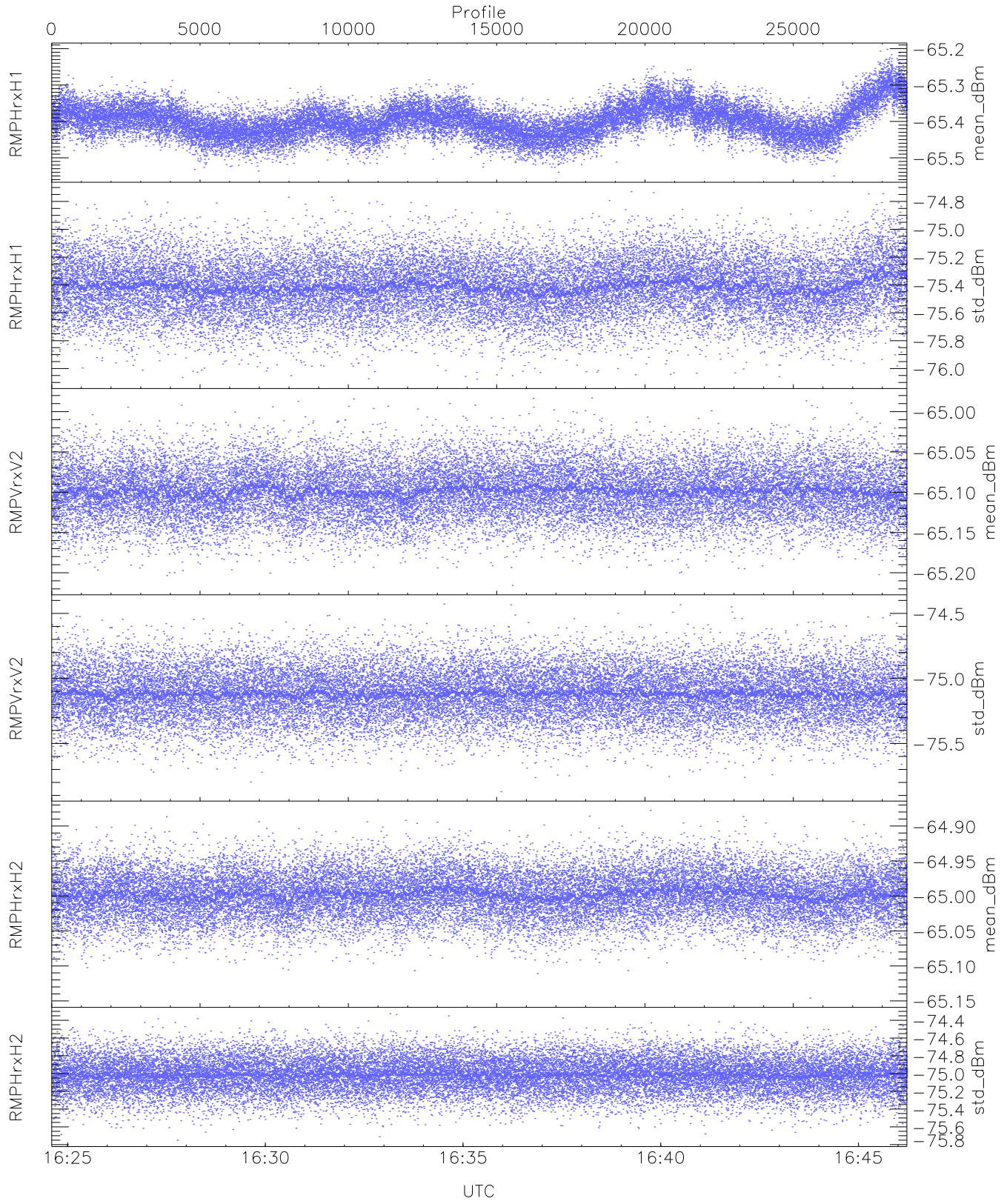
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,26,29,29,30
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,93,27,30,30,31
LOalarm(20,240,2817,14861 MHz): 0,0,66,0
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (22,22,22,22,22,22)



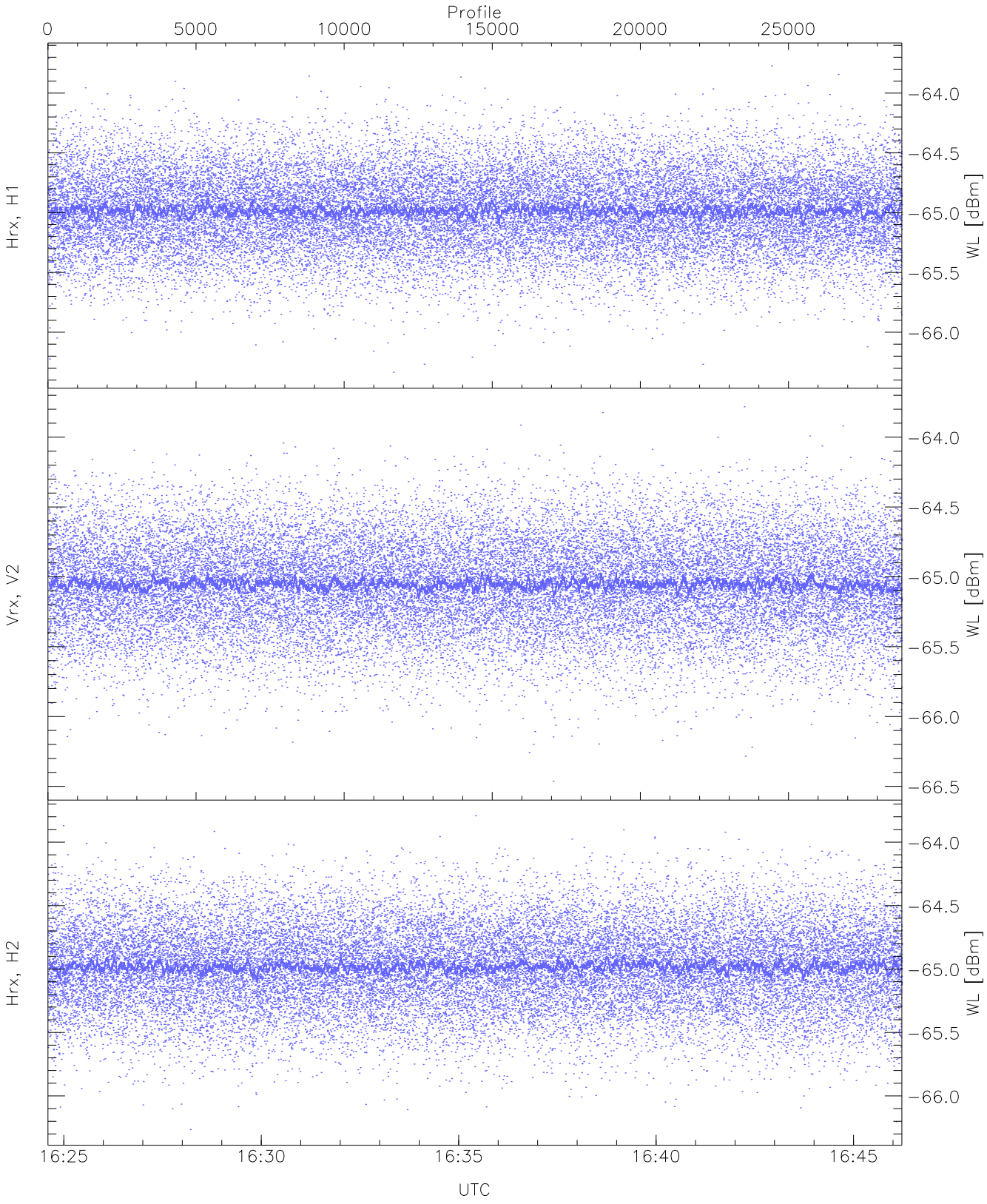
WCR3 CPP Receivers Gain and Noise Figure

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



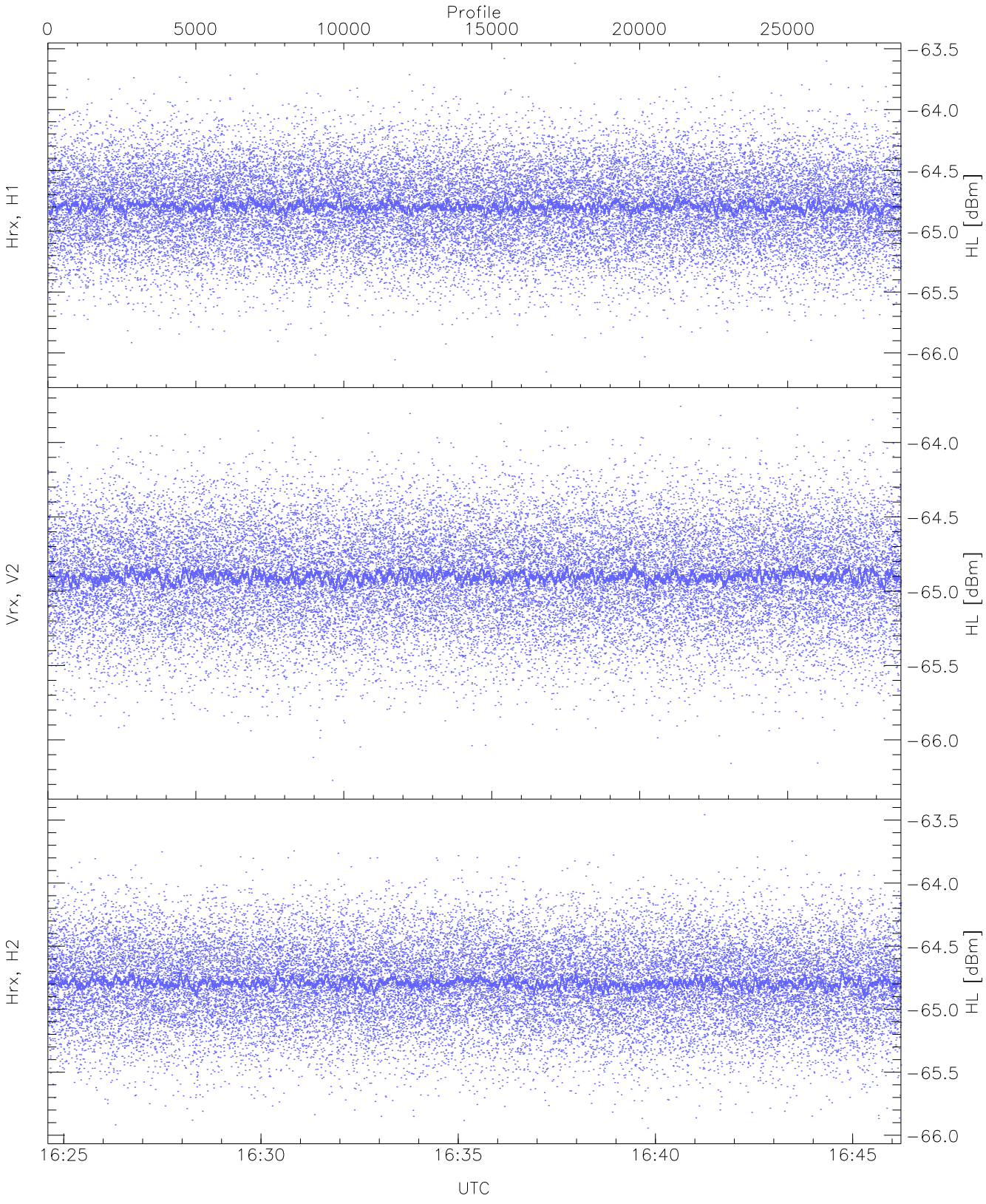
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.55	-65.20	-65.40	-65.40	-85.38
RMPHrxH1(std_dBm)	-76.08	-74.73	-75.41	-75.41	-89.15
RMPVrxV2(mean_dBm)	-65.22	-64.98	-65.10	-65.10	-86.71
RMPVrxV2(std_dBm)	-75.87	-74.43	-75.12	-75.12	-88.92
RMPHrxH2(mean_dBm)	-65.15	-64.88	-65.00	-65.00	-86.57
RMPHrxH2(std_dBm)	-75.75	-74.33	-75.01	-75.01	-88.82



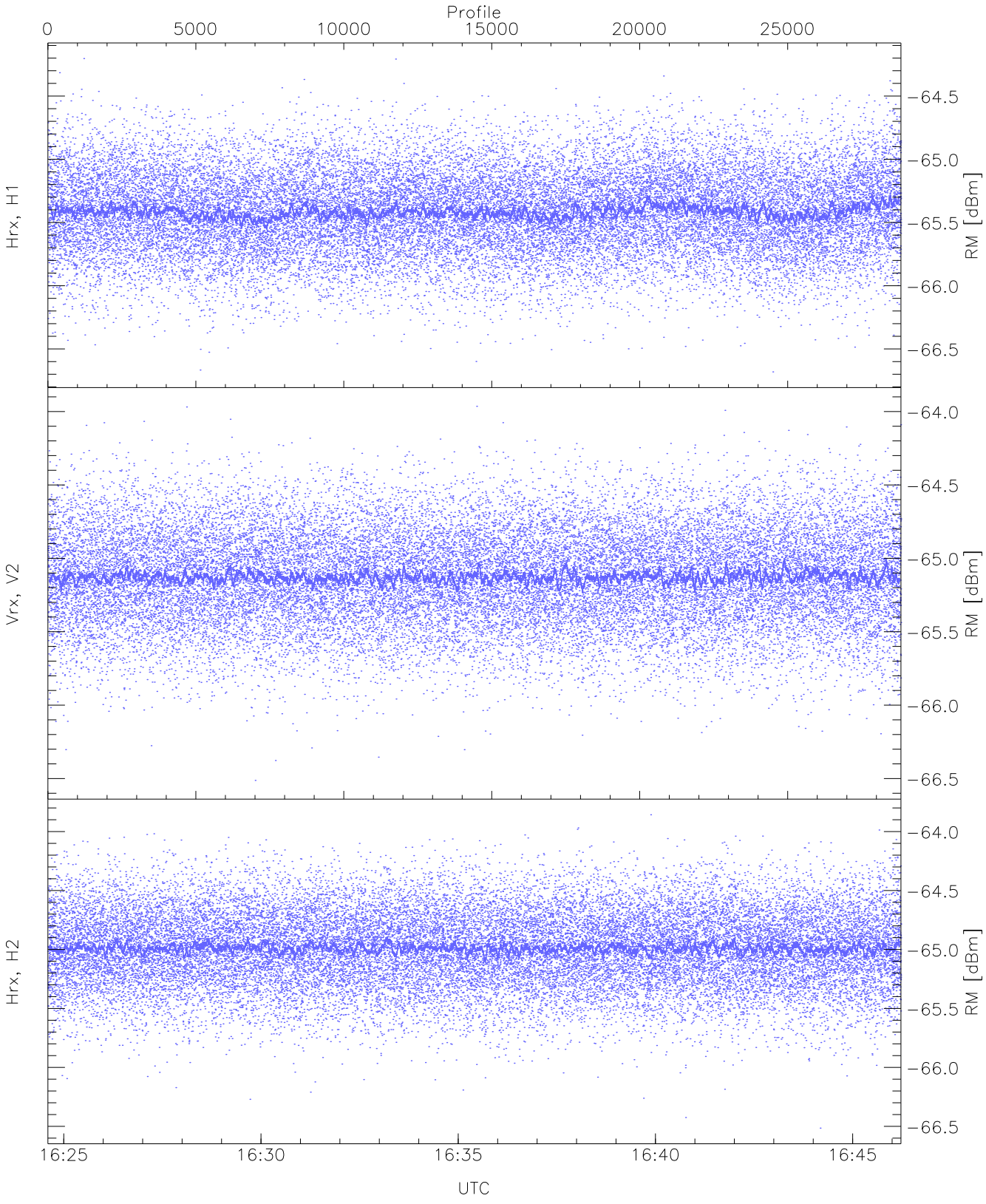
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.34	-63.71	-64.98	-64.98	-76.50
Vrx, V2(WL [dBm])	-66.46	-63.78	-65.05	-65.05	-76.55
Hrx, H2(WL [dBm])	-66.26	-63.79	-64.98	-64.98	-76.48



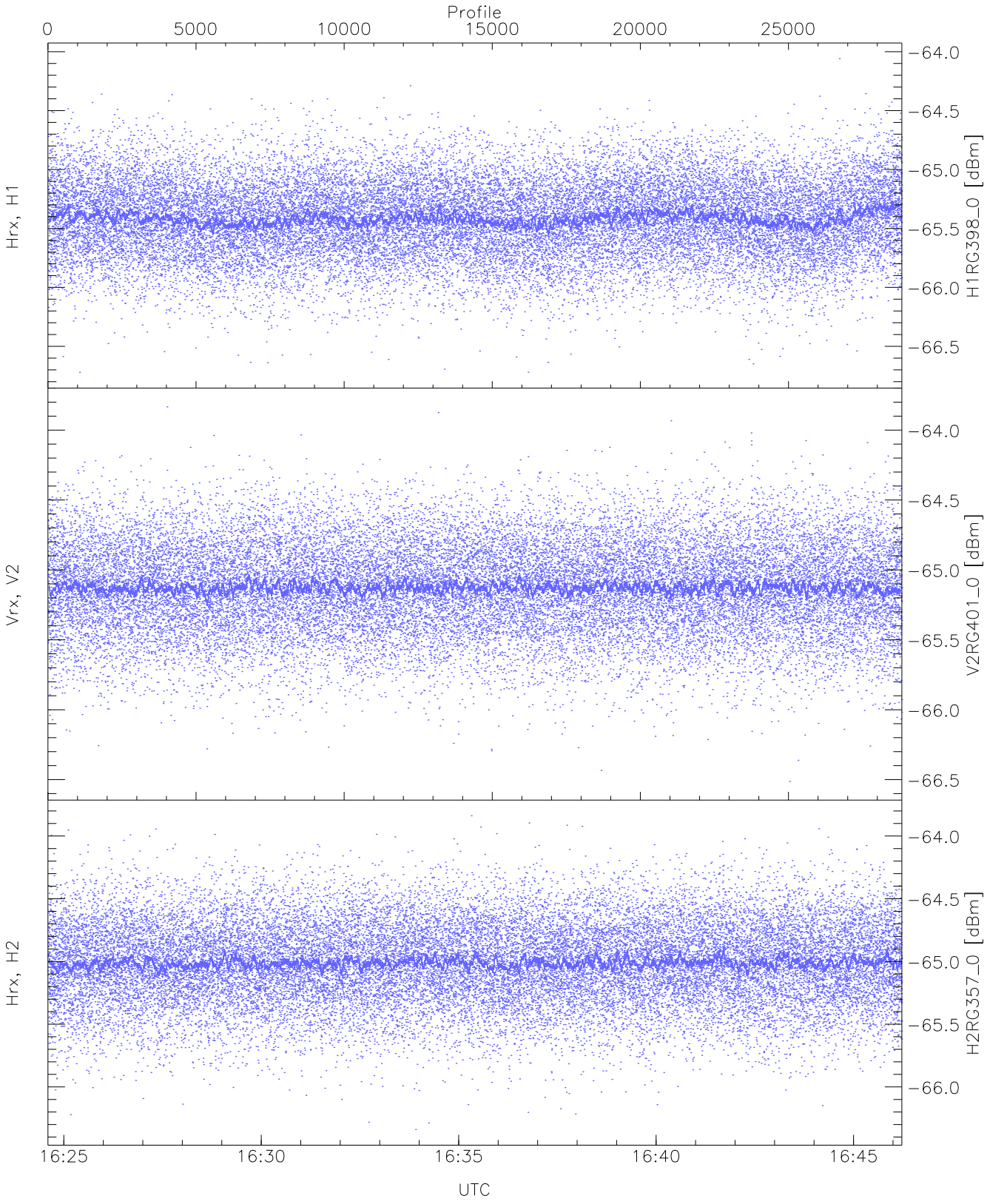
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-66.16	-63.58	-64.79	-64.80	-76.27
Vrx, V2(HL [dBm])	-66.27	-63.76	-64.89	-64.90	-76.41
Hrx, H2(HL [dBm])	-65.94	-63.46	-64.79	-64.79	-76.30



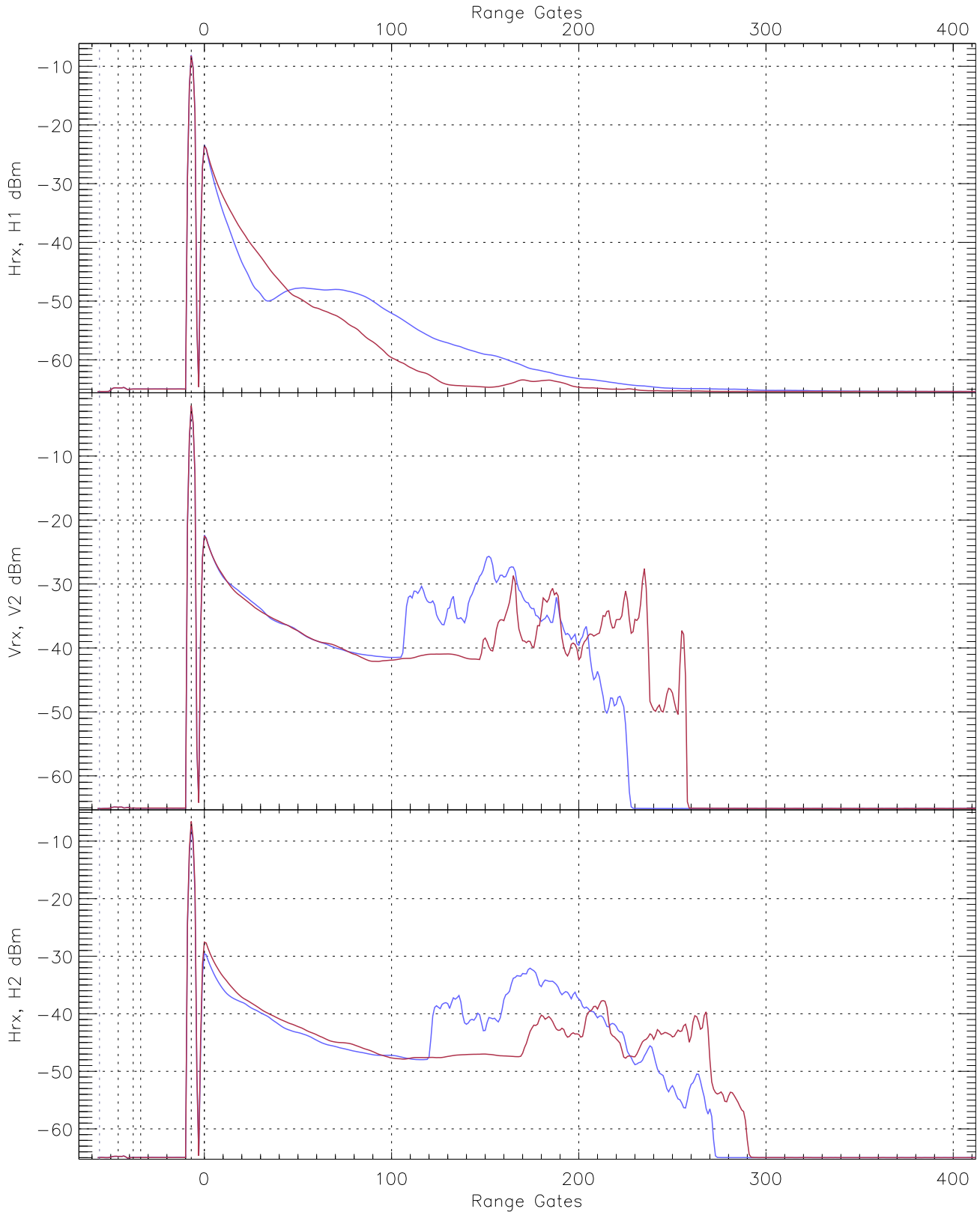
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.68	-64.20	-65.41	-65.42	-76.91
Vrx, V2(RM [dBm])	-66.51	-63.96	-65.12	-65.13	-76.64
Hrx, H2(RM [dBm])	-66.51	-63.86	-64.98	-64.99	-76.49

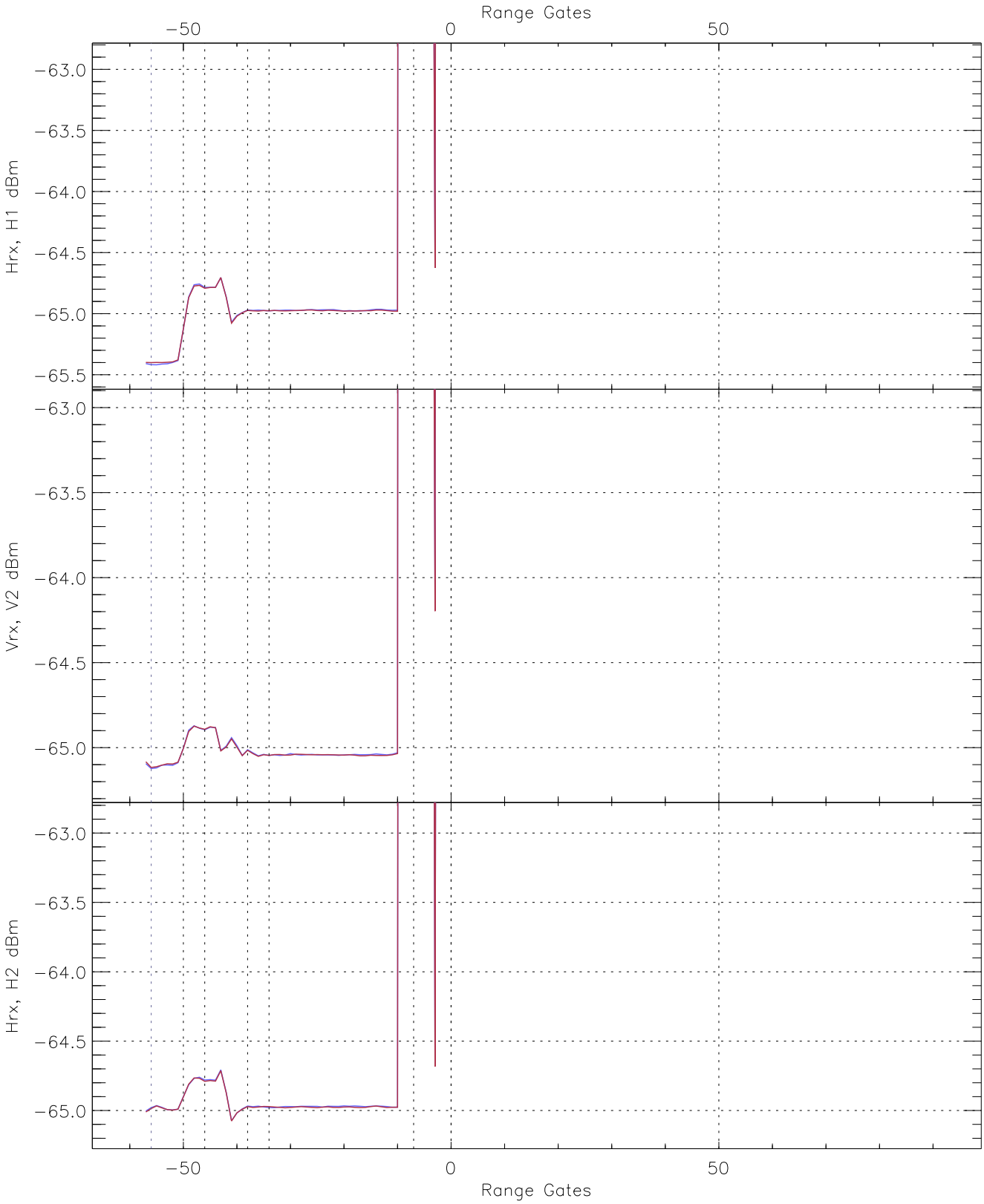


WCR3 CPP "Best" estimate Receivers Noise Power

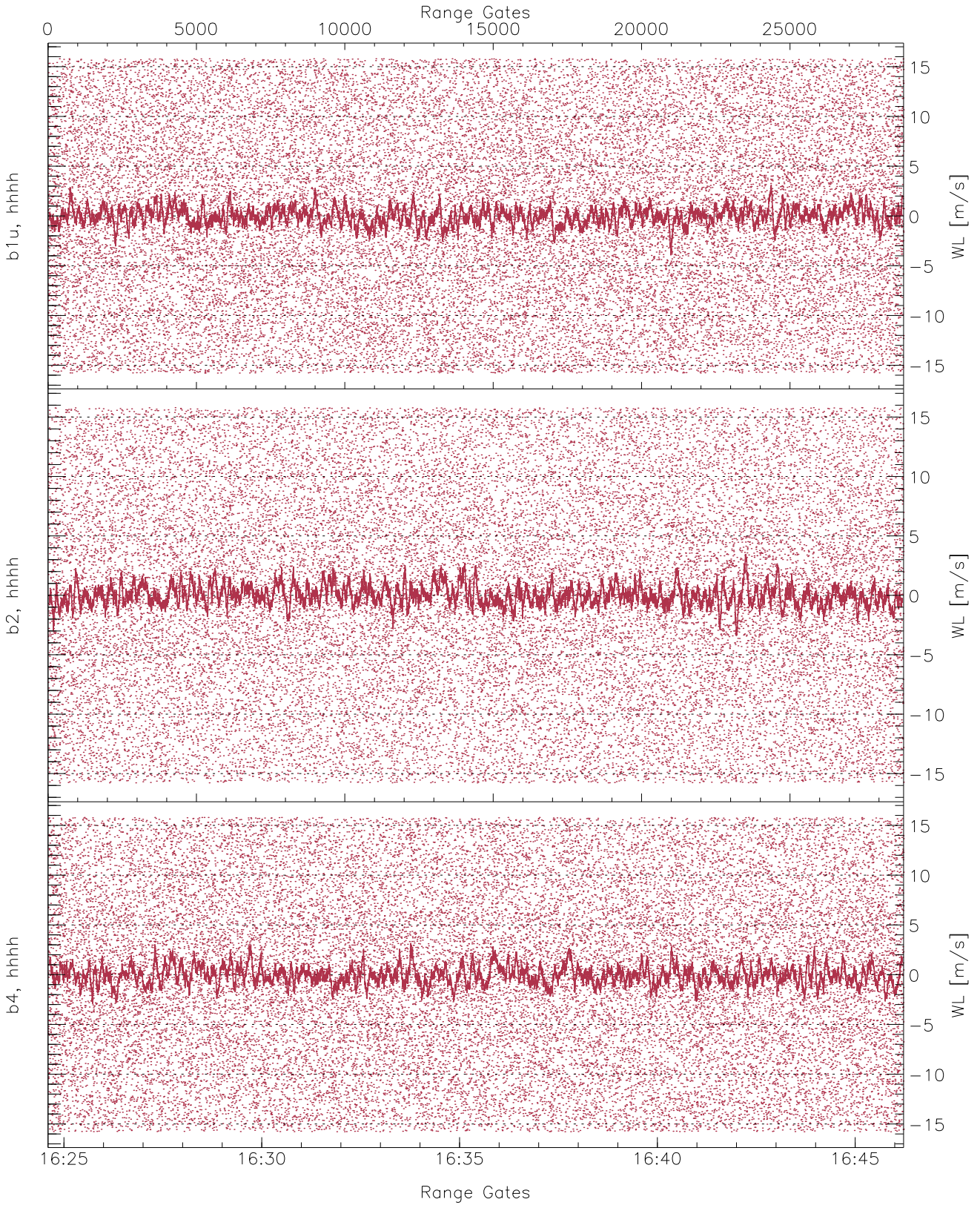
	Min	Max	Mean	Median	StDev
H1RG398_0 [dBm]	-66.72	-64.06	-65.41	-65.41	-76.90
V2RG401_0 [dBm]	-66.51	-63.83	-65.12	-65.13	-76.63
H2RG357_0 [dBm]	-66.34	-63.84	-65.00	-65.01	-76.48



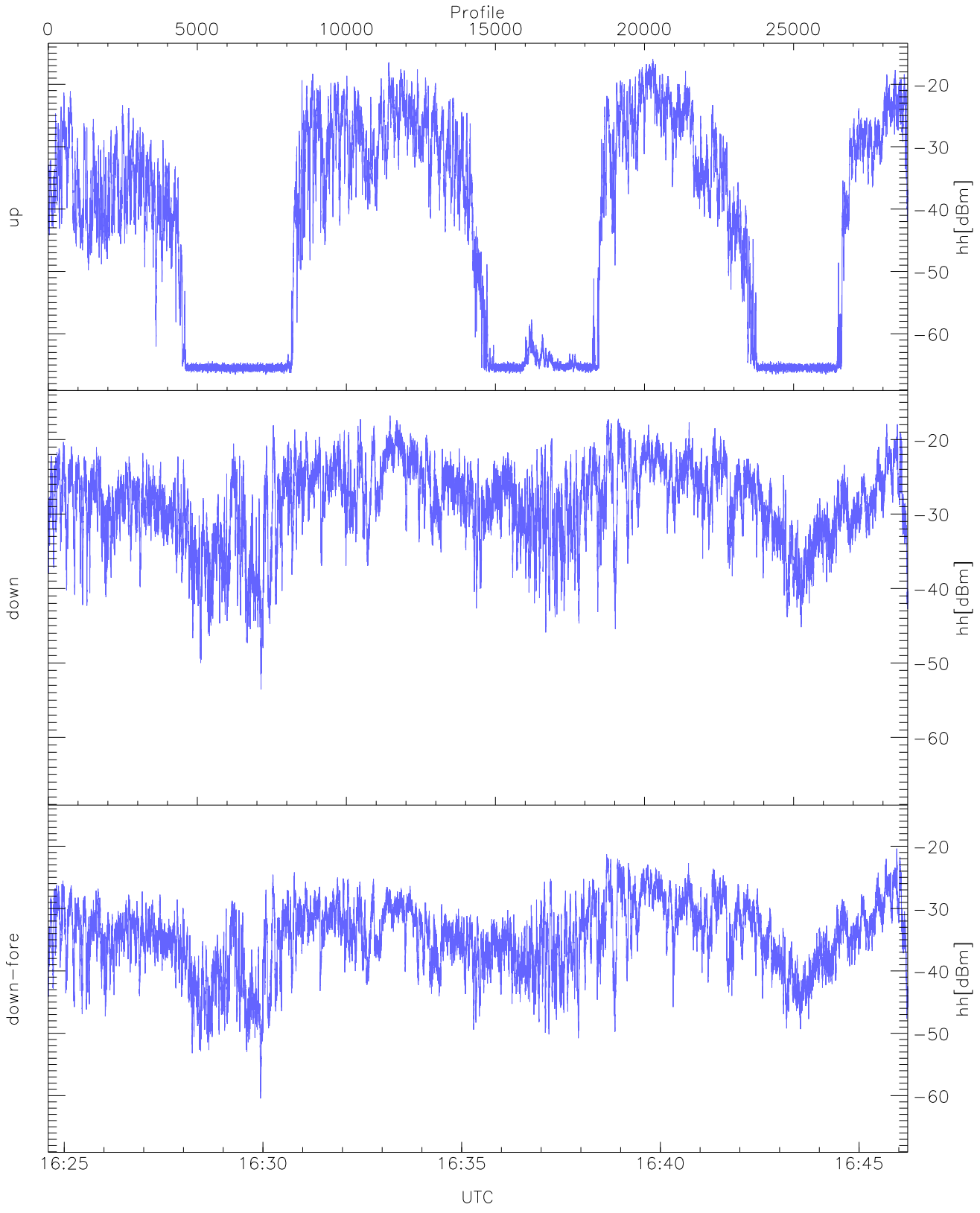
WCR3 CPP Averaged Received power for all recorded gates
blue: 162436-163525, 14416 profiles averaged
red: 163525-164613, 14415 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 162436-163525, 14416 profiles averaged
red: 163525-164613, 14415 profiles averaged

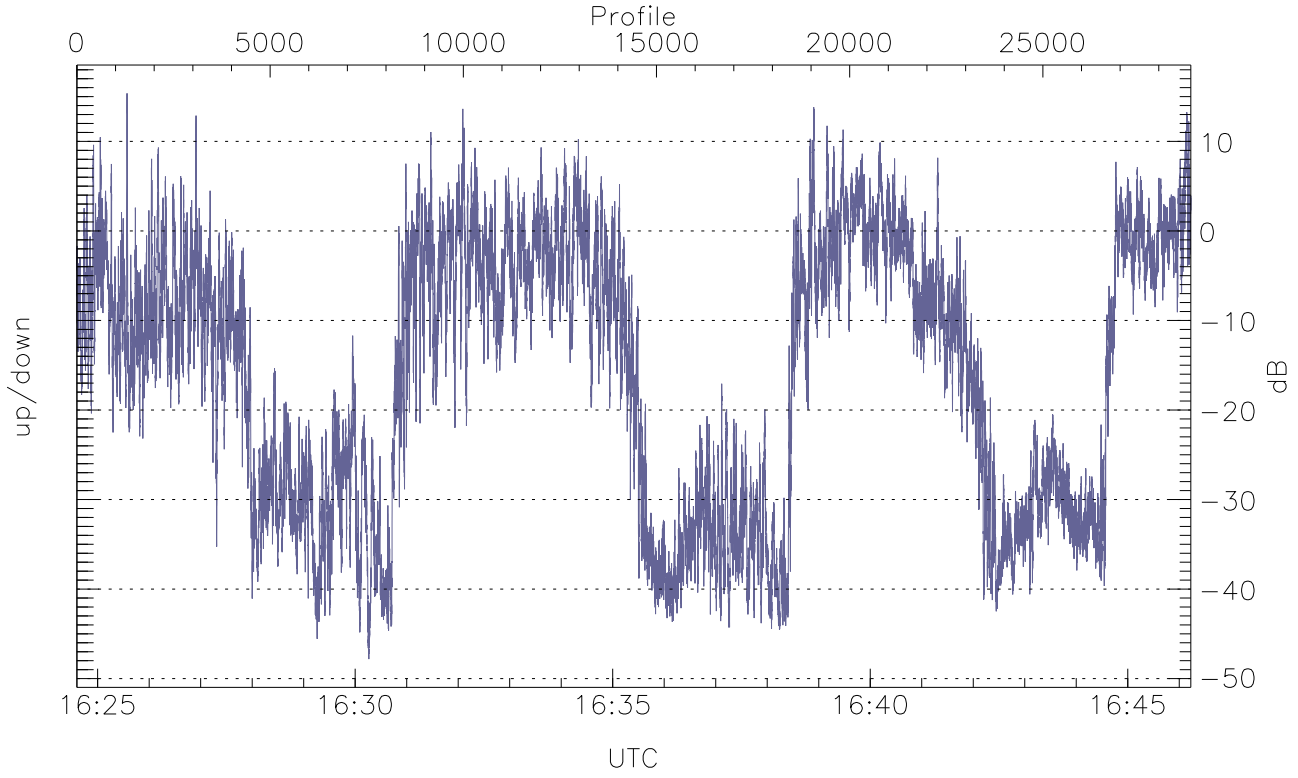


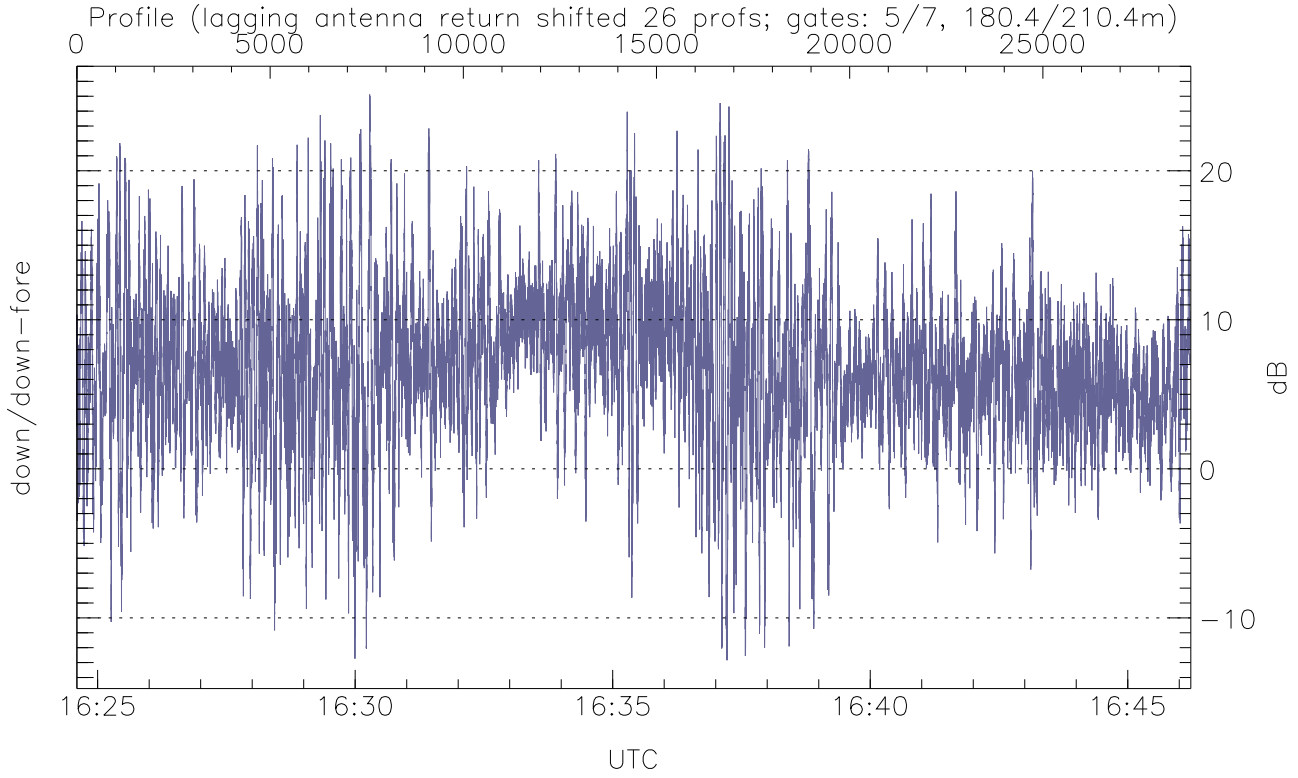
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

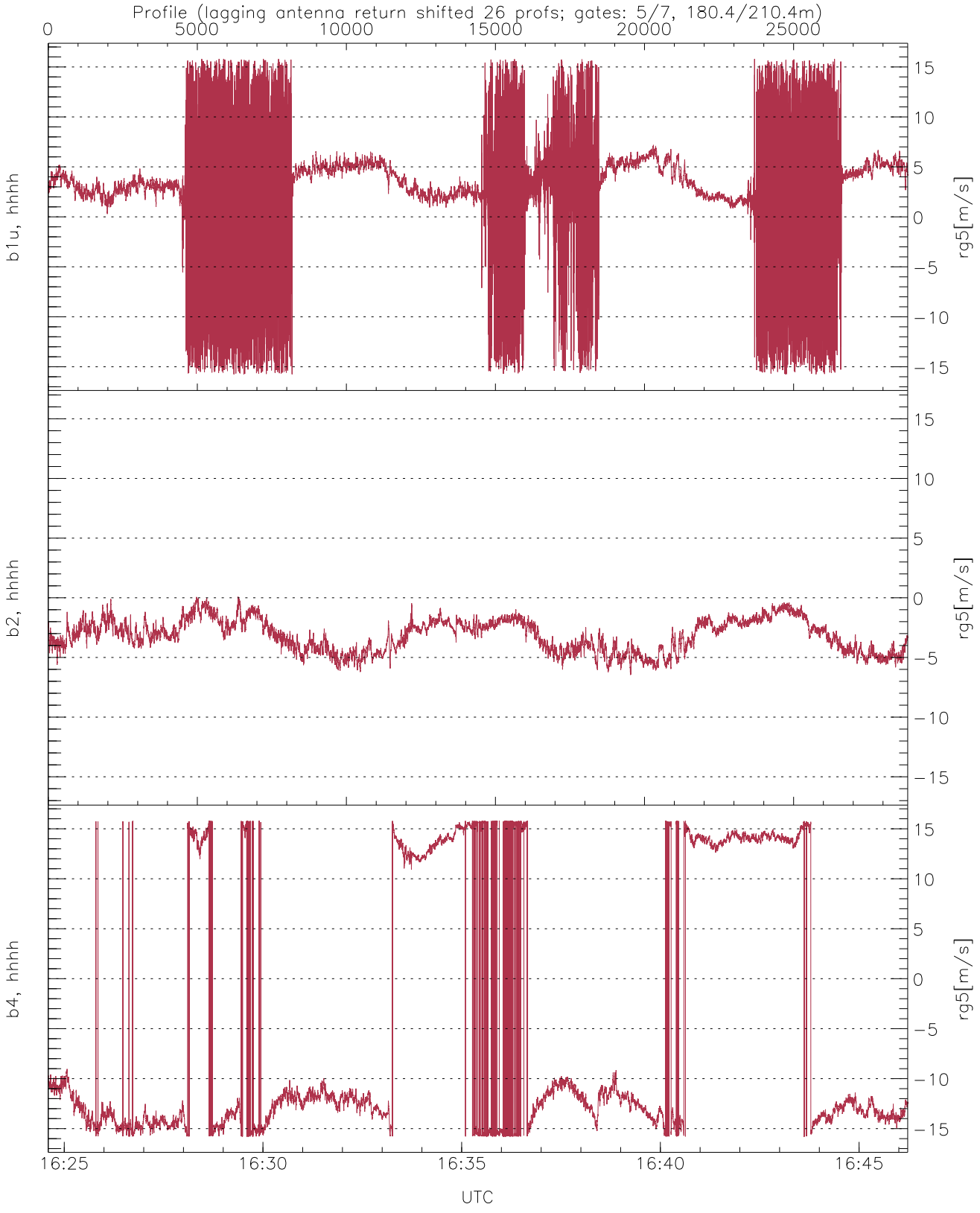
	Min	Max	Mean
up(hh[dBm])	-66.56	-15.94	-28.83
down(hh[dBm])	-53.54	-16.79	-26.11
down-fore(hh[dBm])	-60.45	-20.38	-31.81





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

	Min	Max	Mean
up/down(dB)	-47.82	15.37	-15.62
down/down-fore(dB)	-12.84	25.11	6.87



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.76	15.79	2.66	5.04
b2, hhhh(rg5[m/s])	-6.46	0.09	-3.16	1.34
b4, hhhh(rg5[m/s])	-15.79	15.79	-4.50	12.79