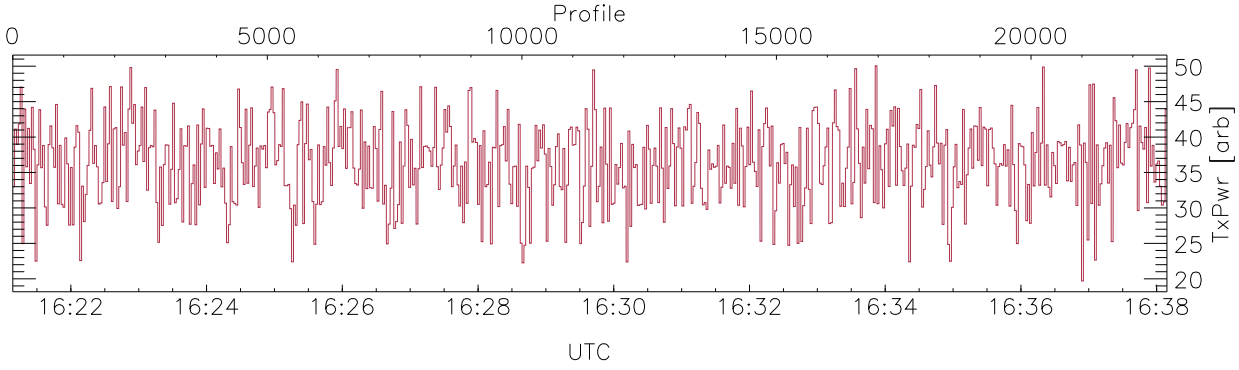
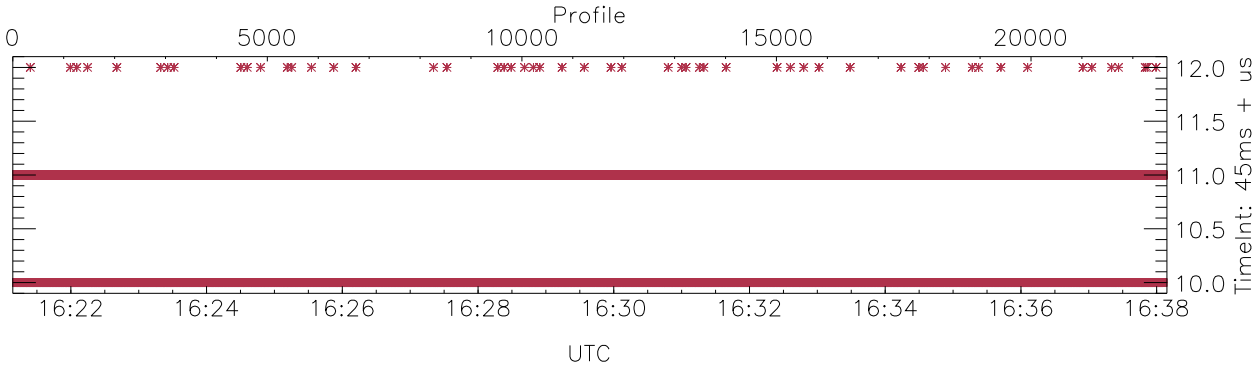
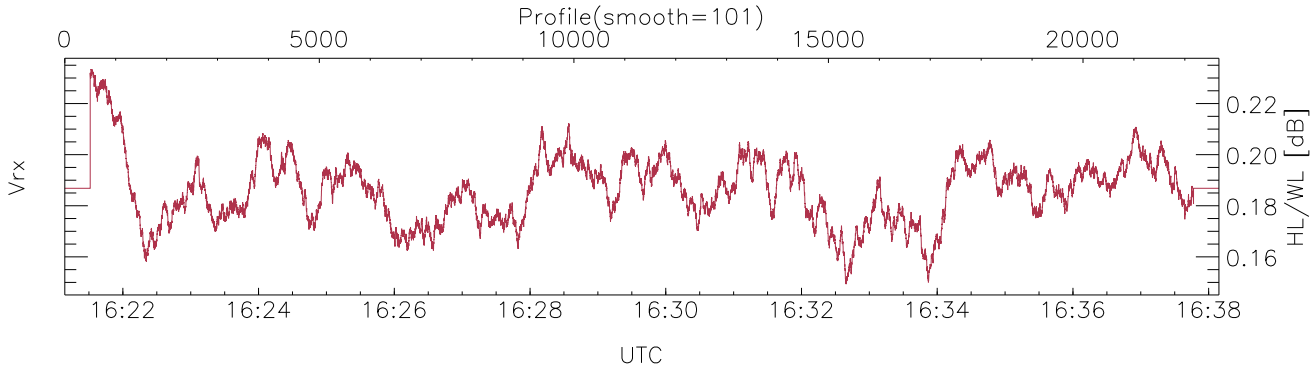
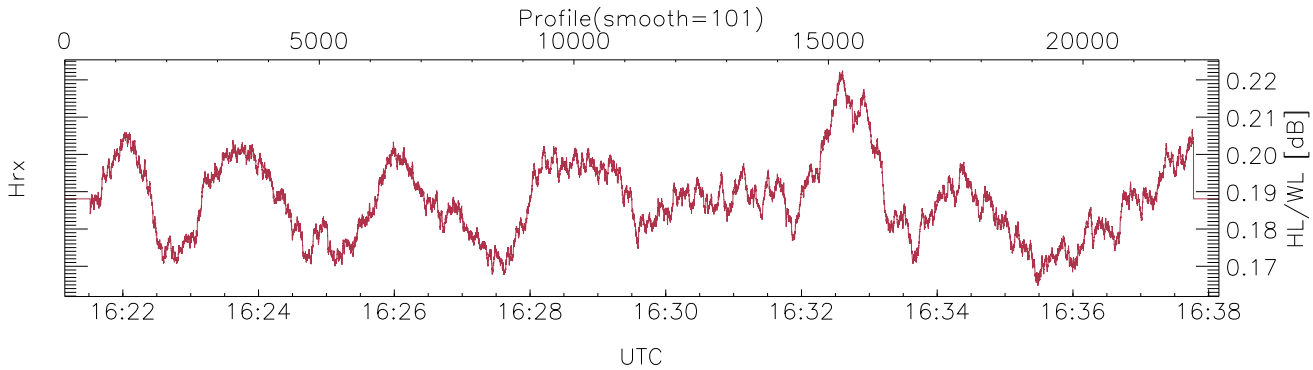


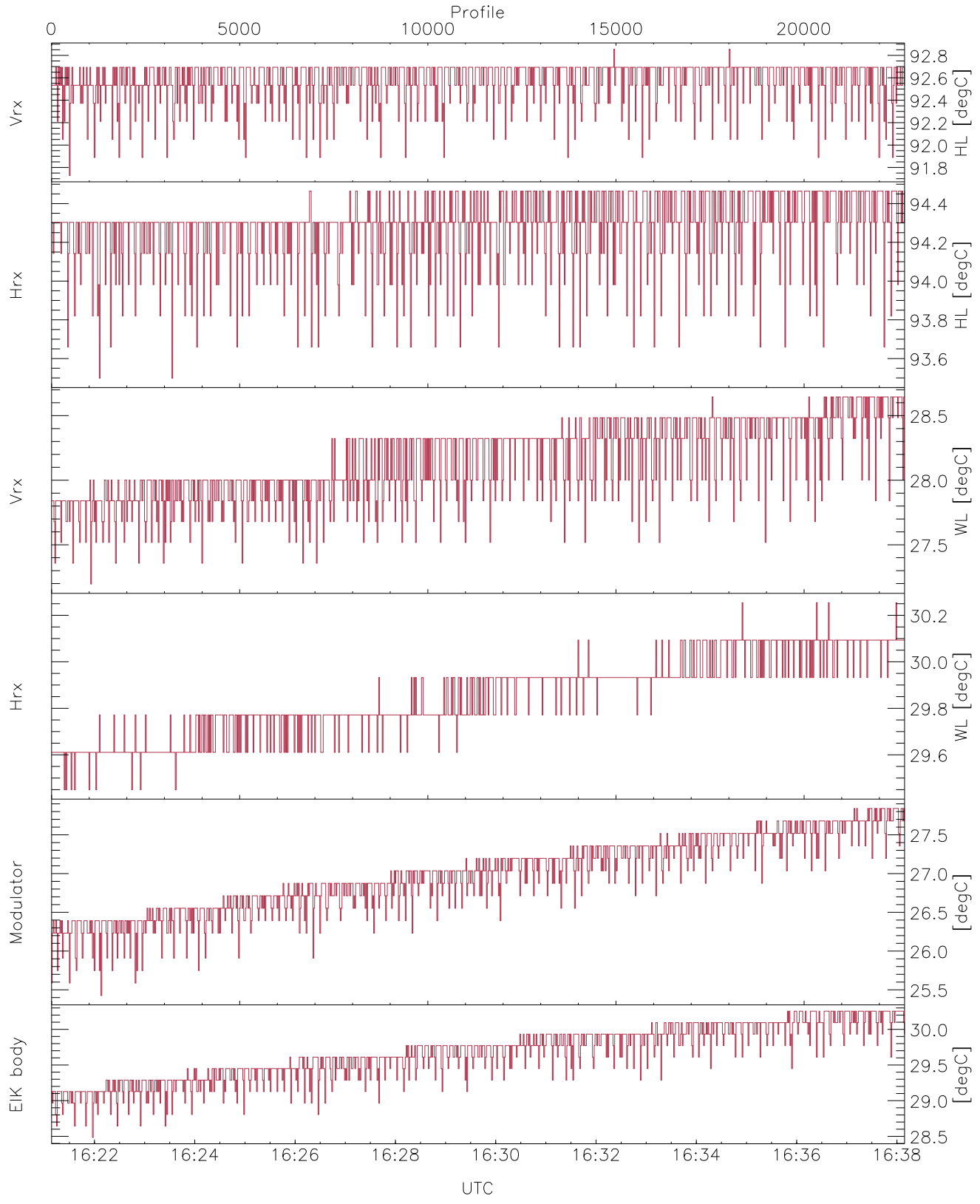






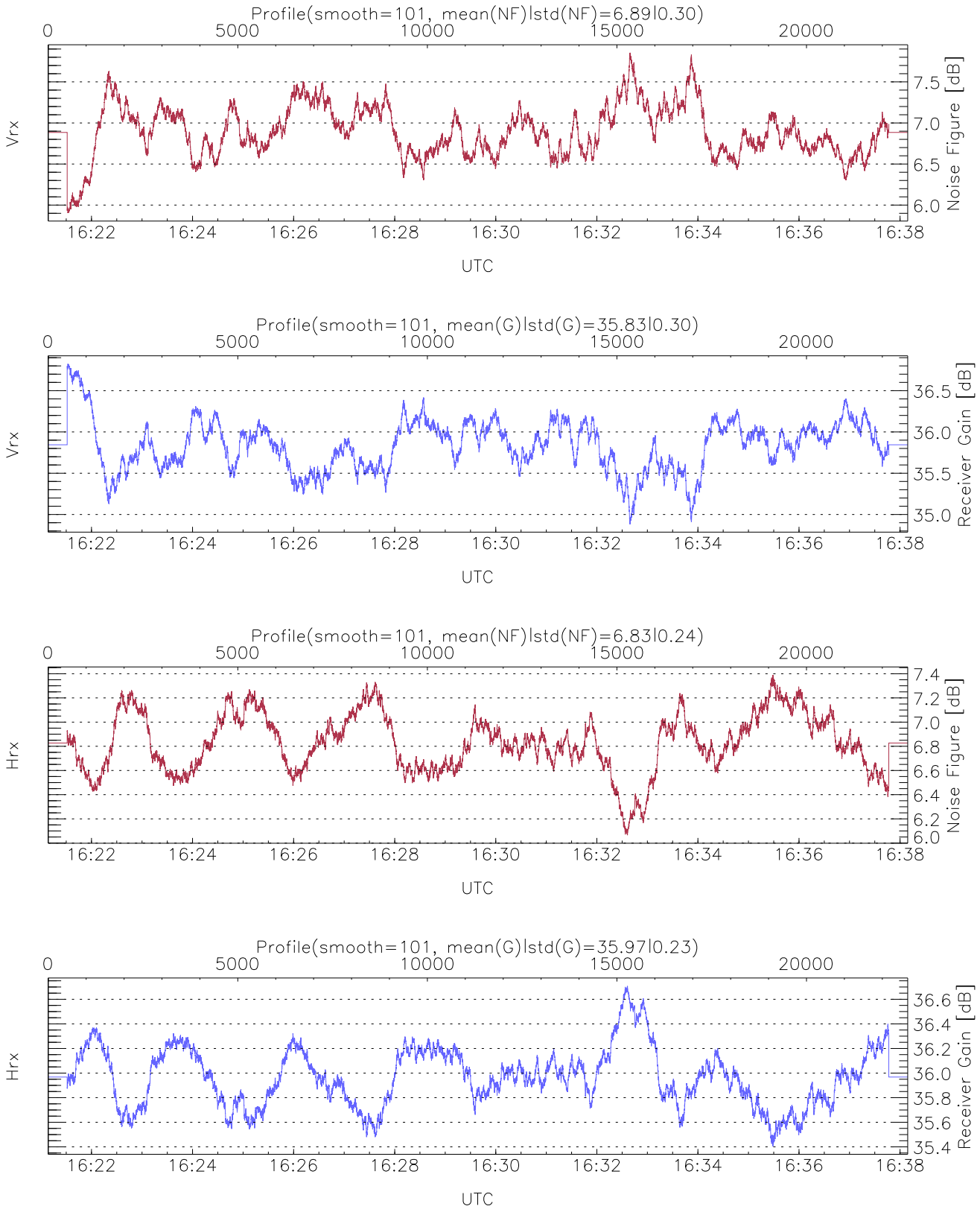
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 16:21:09-16:38:09, TimeCor: 0.00s, Dur: 1020.45s
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): 22672/22672, 0-22671/16:21:09-16:38:09
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



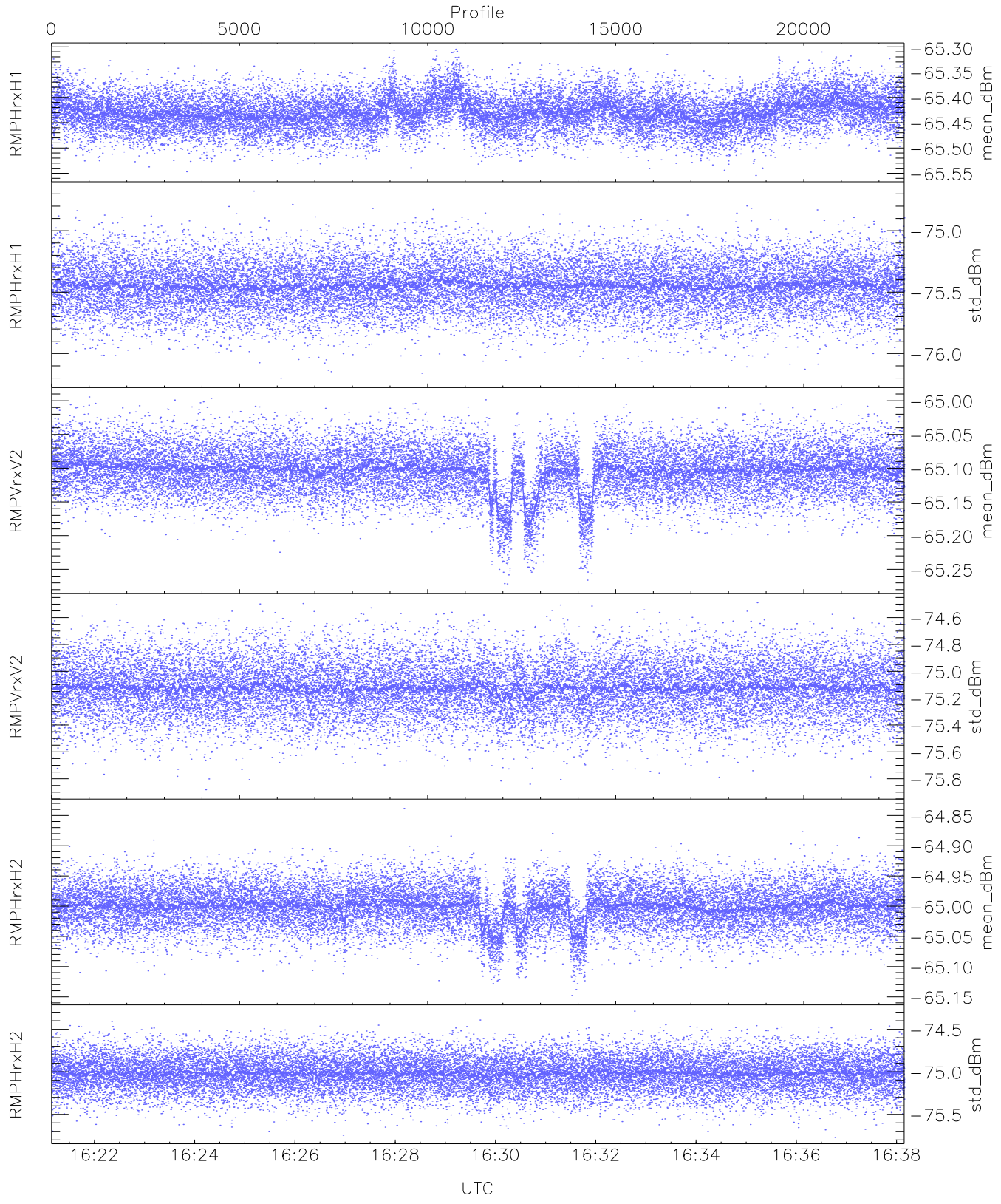
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,27,29,25,28
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,28,30,27,30
LOalarm(20,240,2817,14861 MHz): 0,0,22,0
EIK/Modulator Faults: None



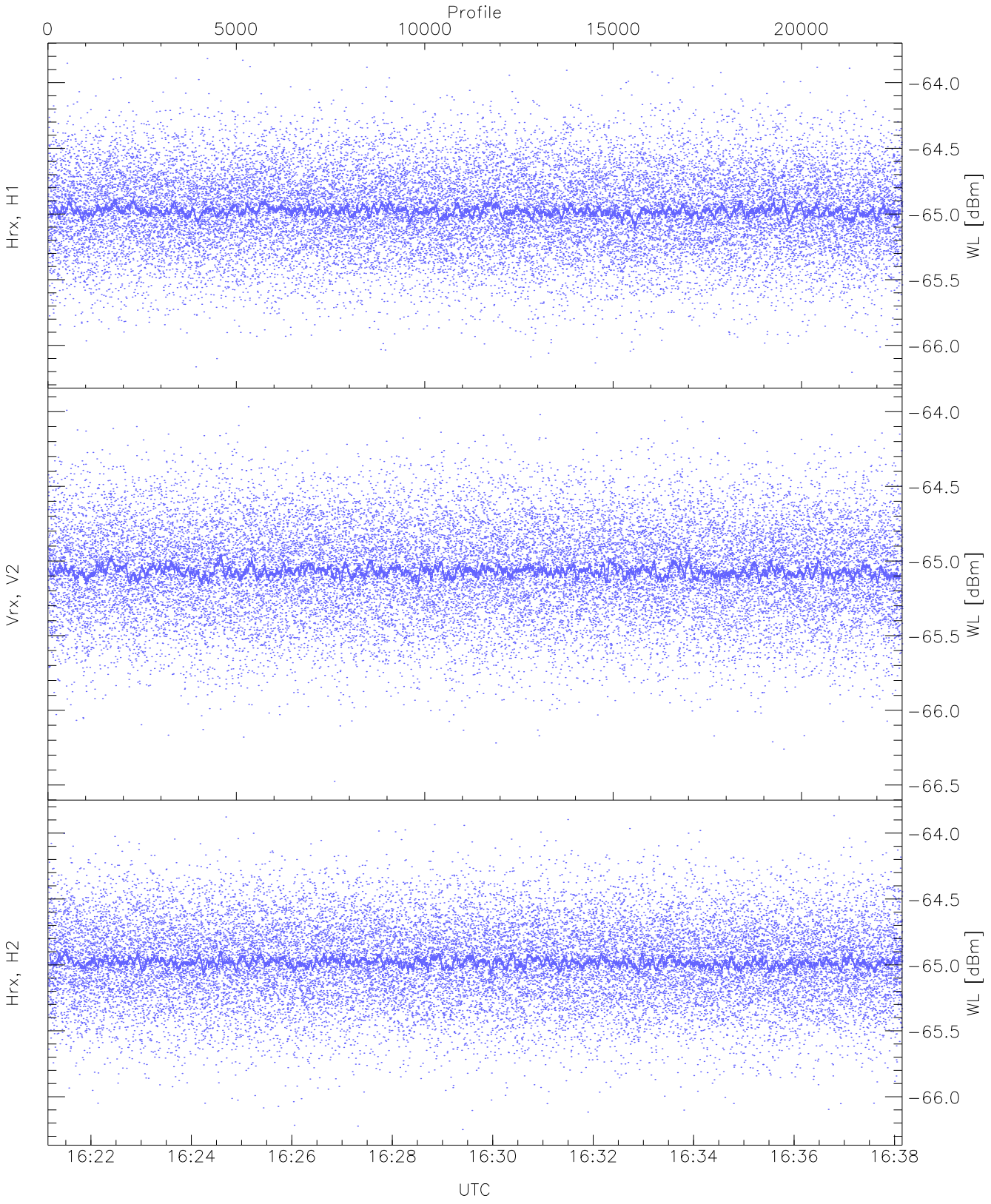
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 54 pixs, 1 gates, 54 profs, 1 prod(s)



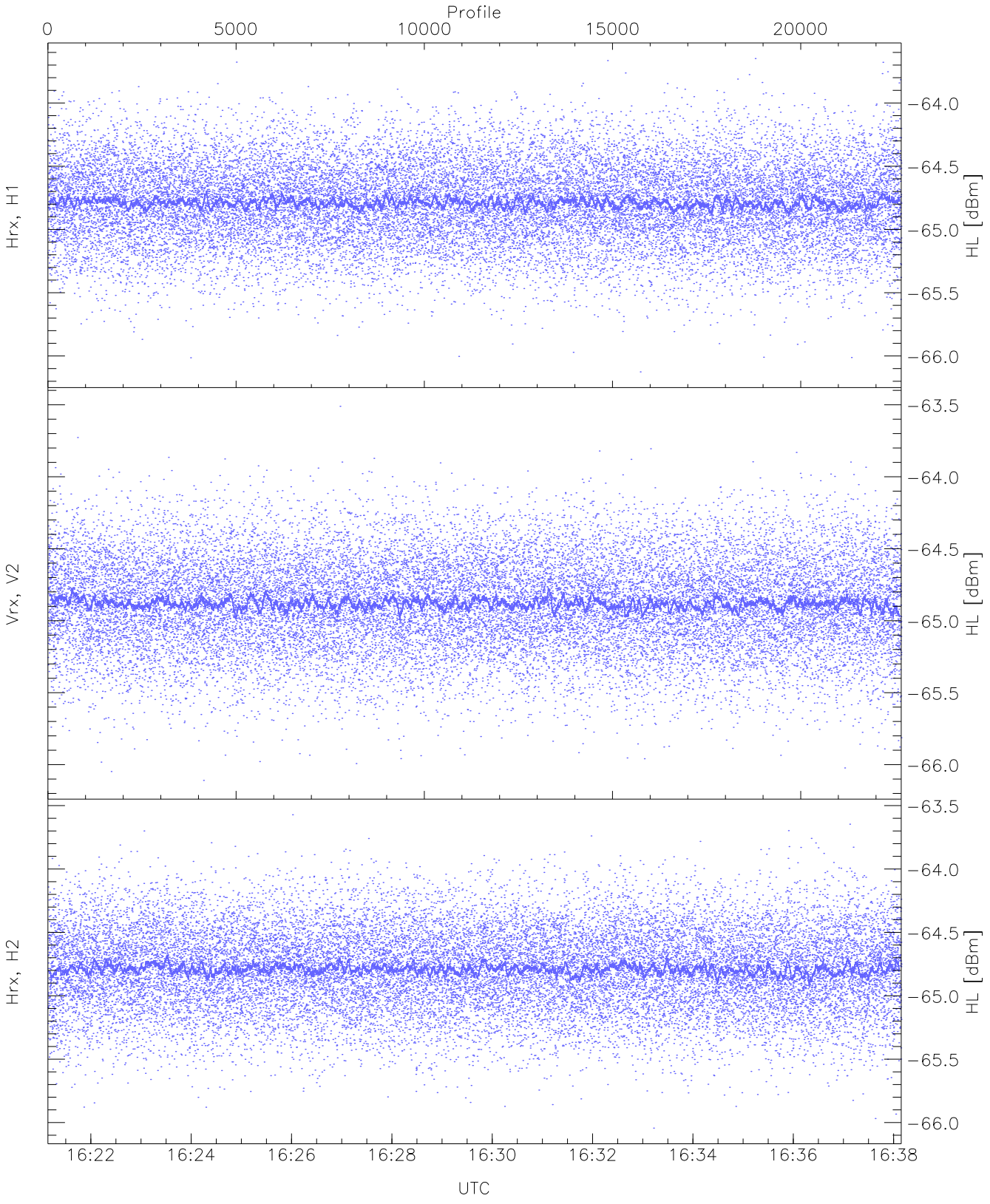
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.55	-65.30	-65.43	-65.43	-86.68
RMPHrxH1(std_dBm)	-76.20	-74.68	-75.44	-75.45	-89.26
RMPVrxV2(mean_dBm)	-65.27	-64.99	-65.11	-65.10	-86.10
RMPVrxV2(std_dBm)	-75.88	-74.49	-75.13	-75.13	-88.90
RMPHrxH2(mean_dBm)	-65.15	-64.84	-65.00	-65.00	-86.31
RMPHrxH2(std_dBm)	-75.77	-74.29	-75.02	-75.02	-88.82



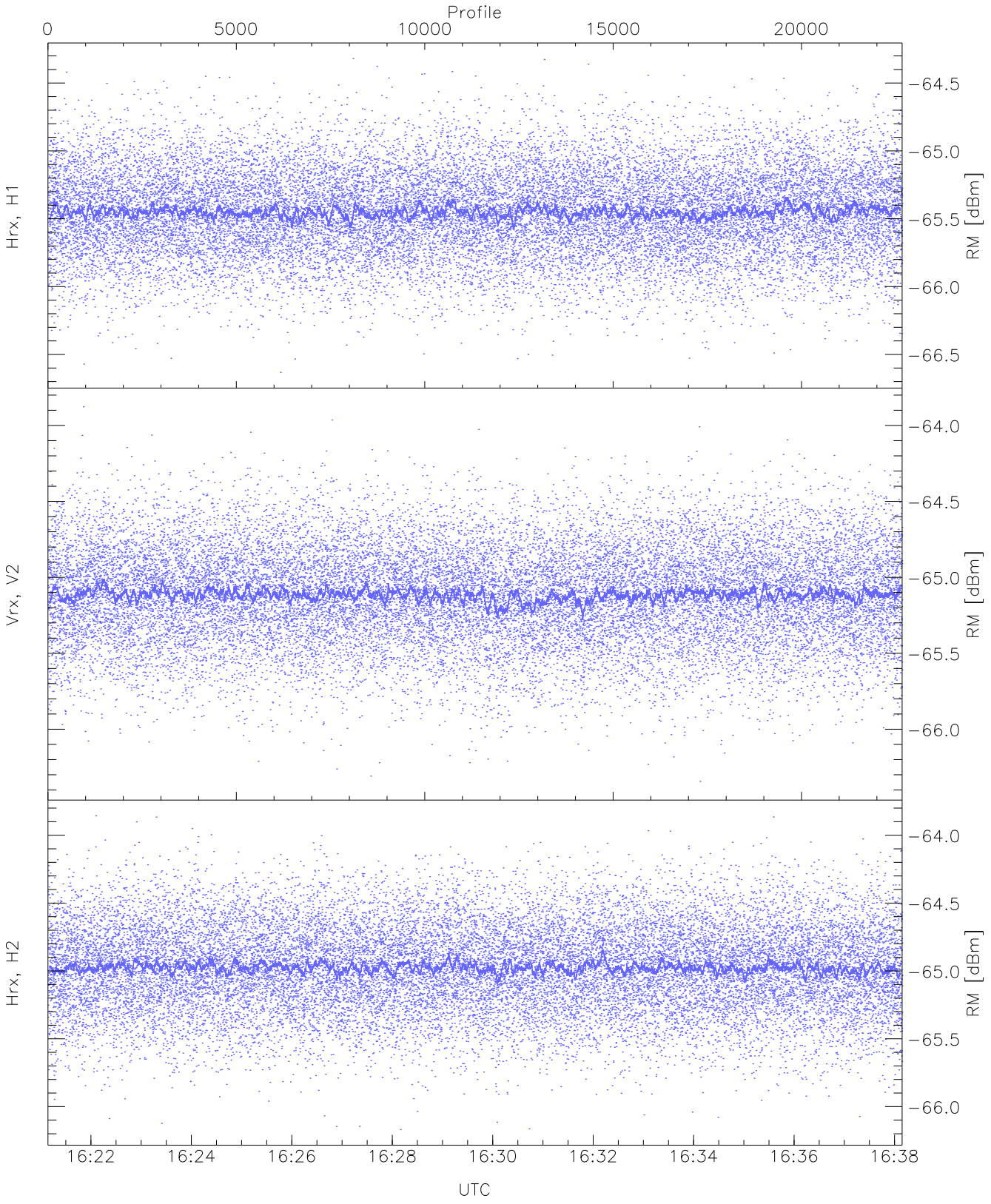
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.21	-63.82	-64.97	-64.98	-76.45
Vrx, V2(WL [dBm])	-66.48	-63.97	-65.06	-65.07	-76.56
Hrx, H2(WL [dBm])	-66.25	-63.87	-64.97	-64.98	-76.51



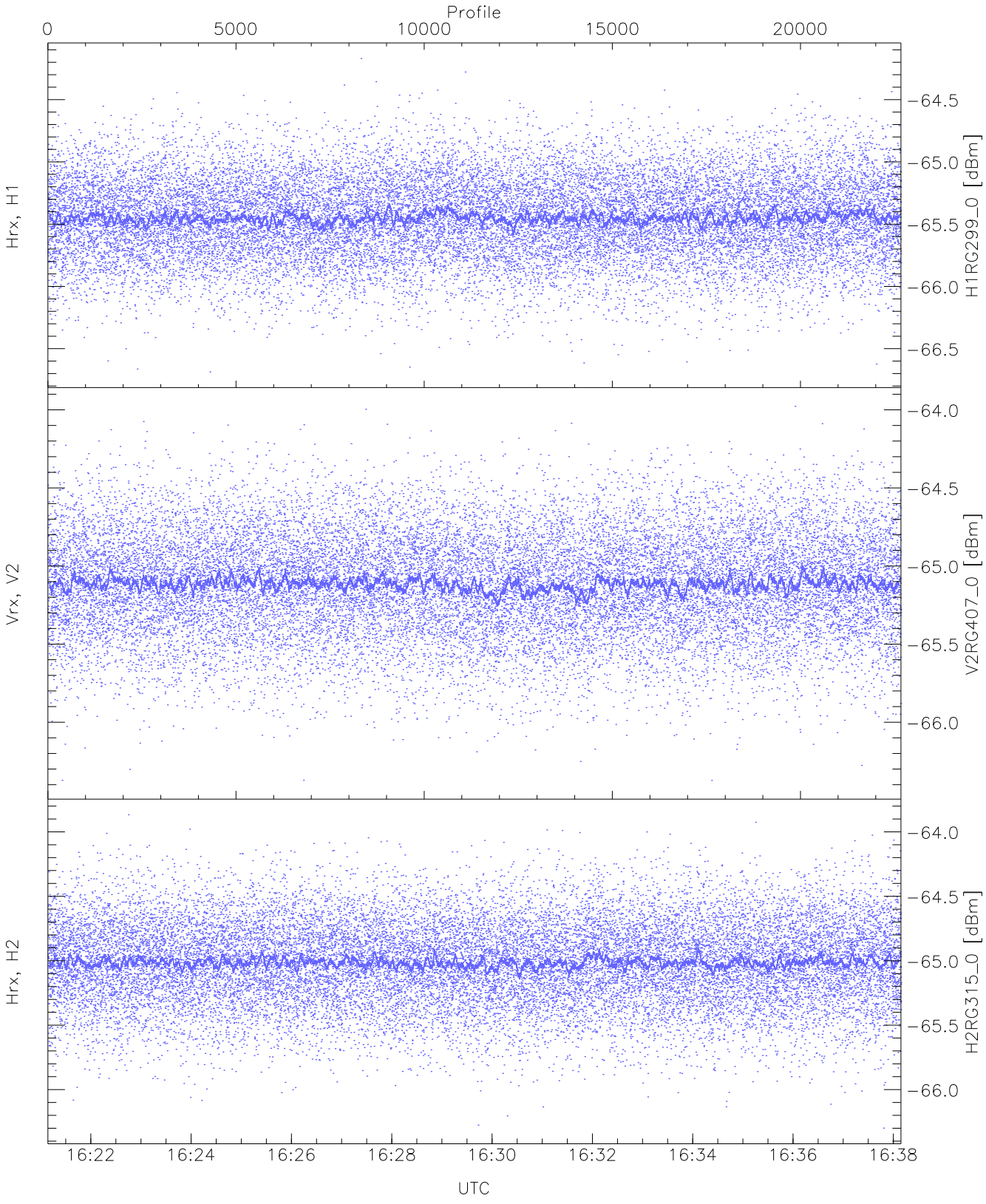
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-66.13	-63.65	-64.78	-64.79	-76.31
Vrx, V2(HL [dBm])	-66.11	-63.51	-64.87	-64.88	-76.37
Hrx, H2(HL [dBm])	-66.04	-63.57	-64.78	-64.79	-76.26



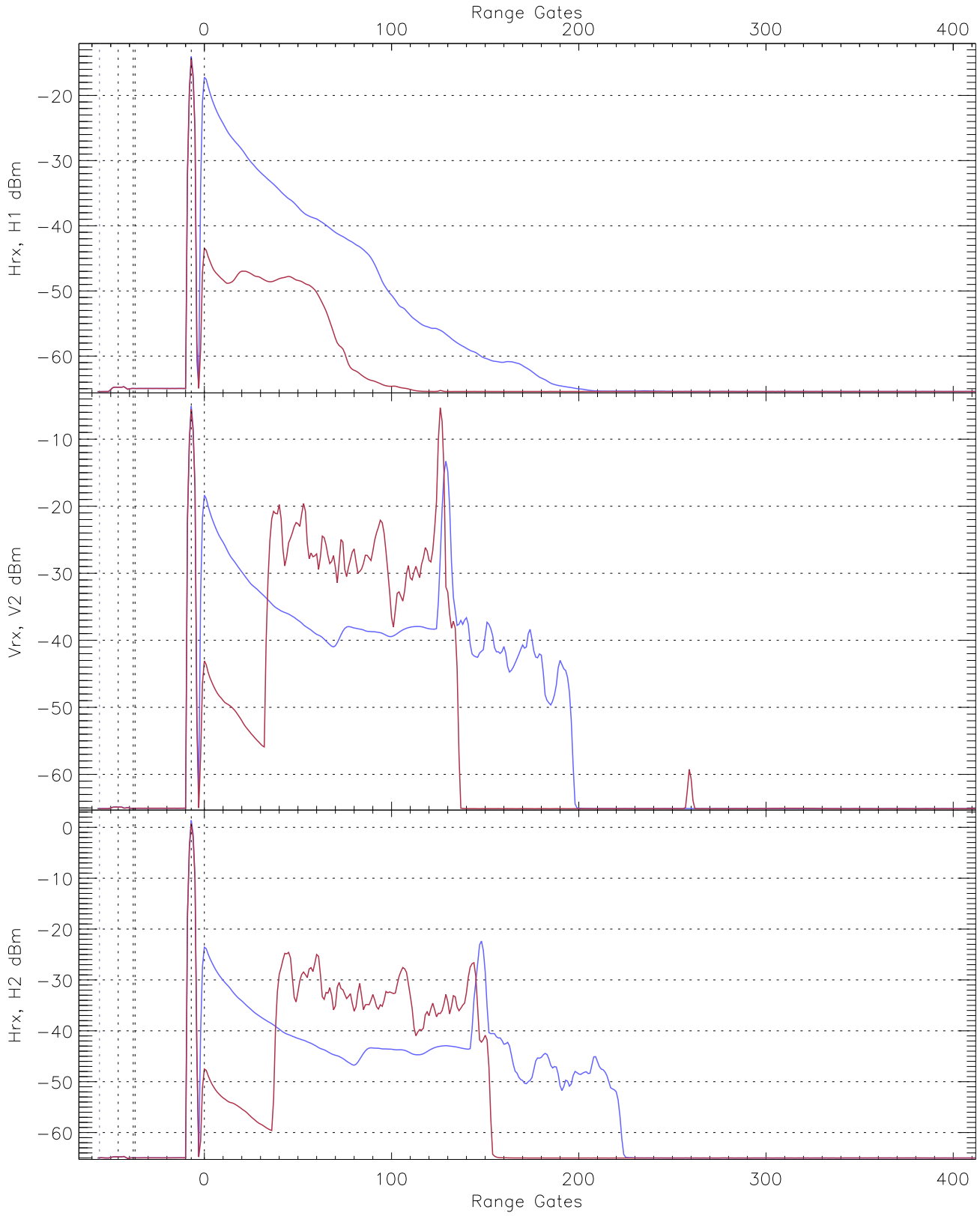
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.63	-64.32	-65.44	-65.45	-77.00
Vrx, V2(RM [dBm])	-66.34	-63.88	-65.11	-65.11	-76.63
Hrx, H2(RM [dBm])	-66.17	-63.86	-64.97	-64.98	-76.47

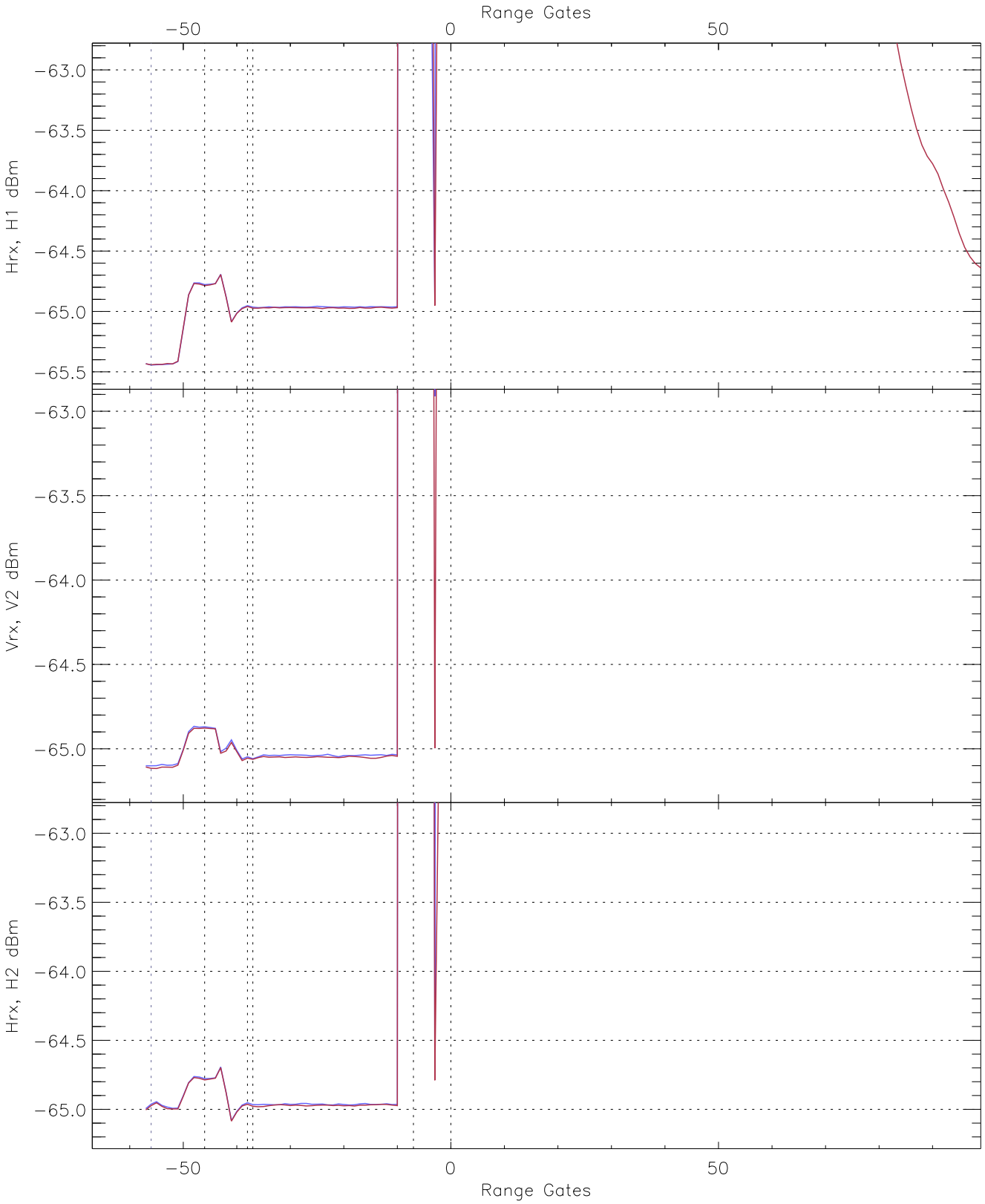


WCR3 CPP "Best" estimate Receivers Noise Power

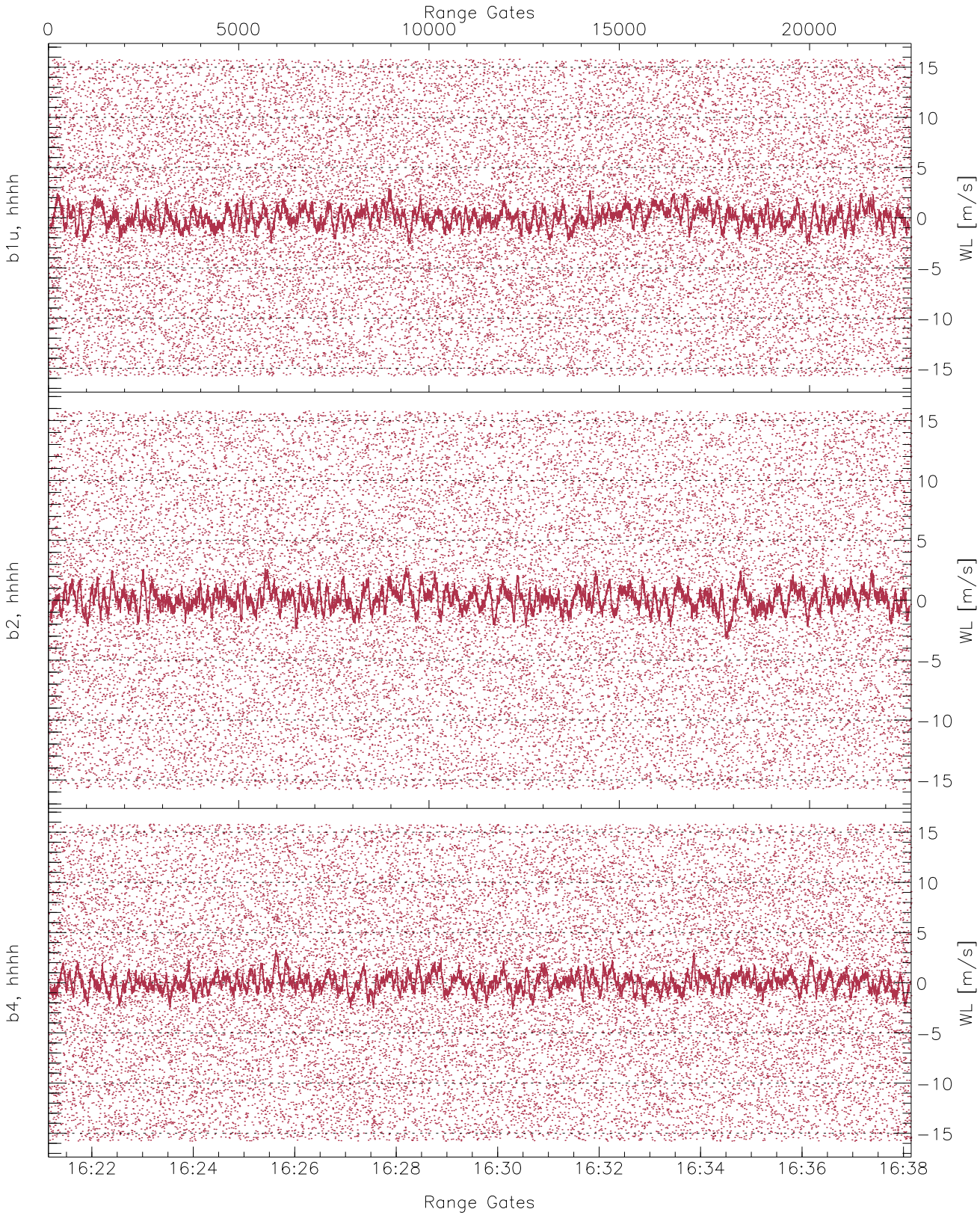
	Min	Max	Mean	Median	StDev
H1RG299_0 [dBm]	-66.69	-64.17	-65.44	-65.45	-76.94
V2RG407_0 [dBm]	-66.37	-63.98	-65.11	-65.12	-76.59
H2RG315_0 [dBm]	-66.30	-63.87	-65.01	-65.01	-76.51



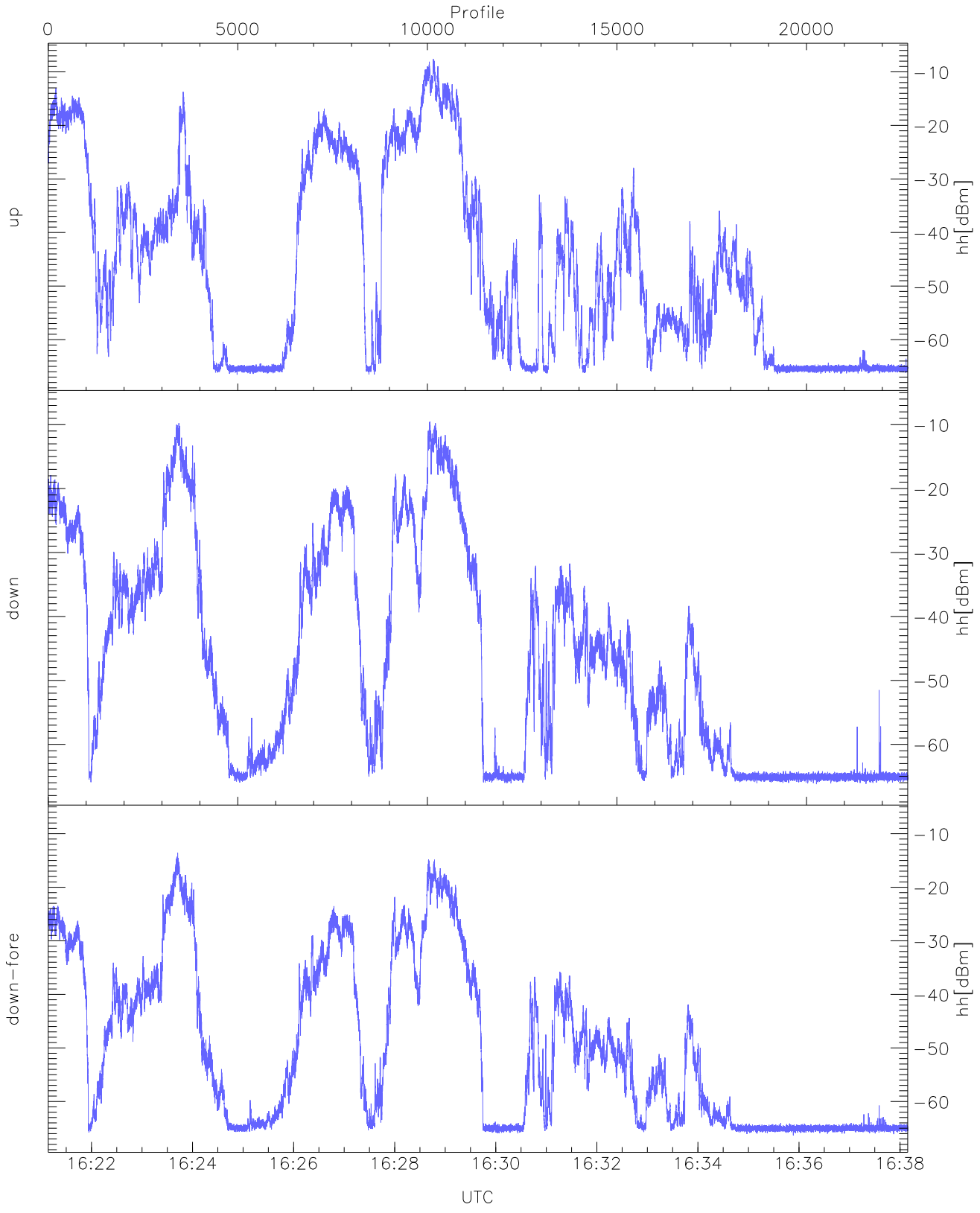
WCR3 CPP Averaged Received power for all recorded gates
blue: 162109-162939, 11337 profiles averaged
red: 162939-163809, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 162109-162939, 11337 profiles averaged
red: 162939-163809, 11336 profiles averaged

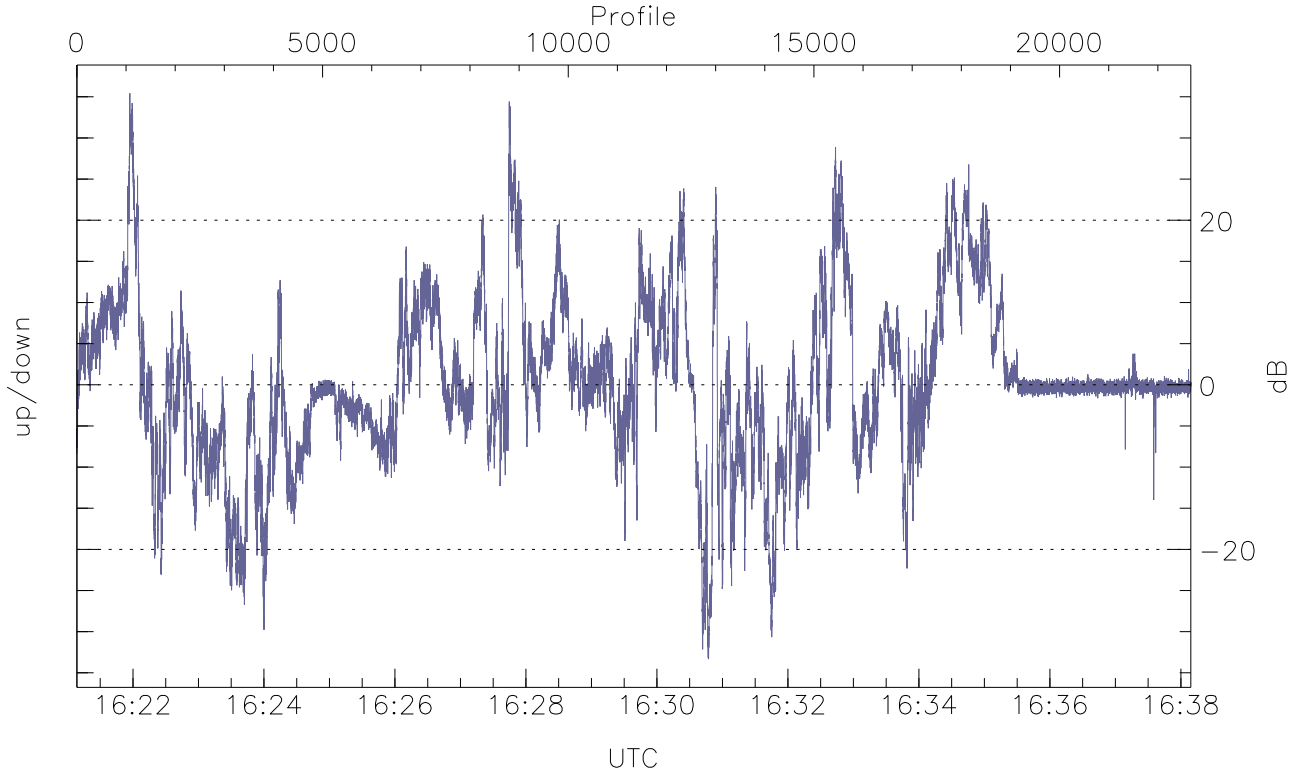


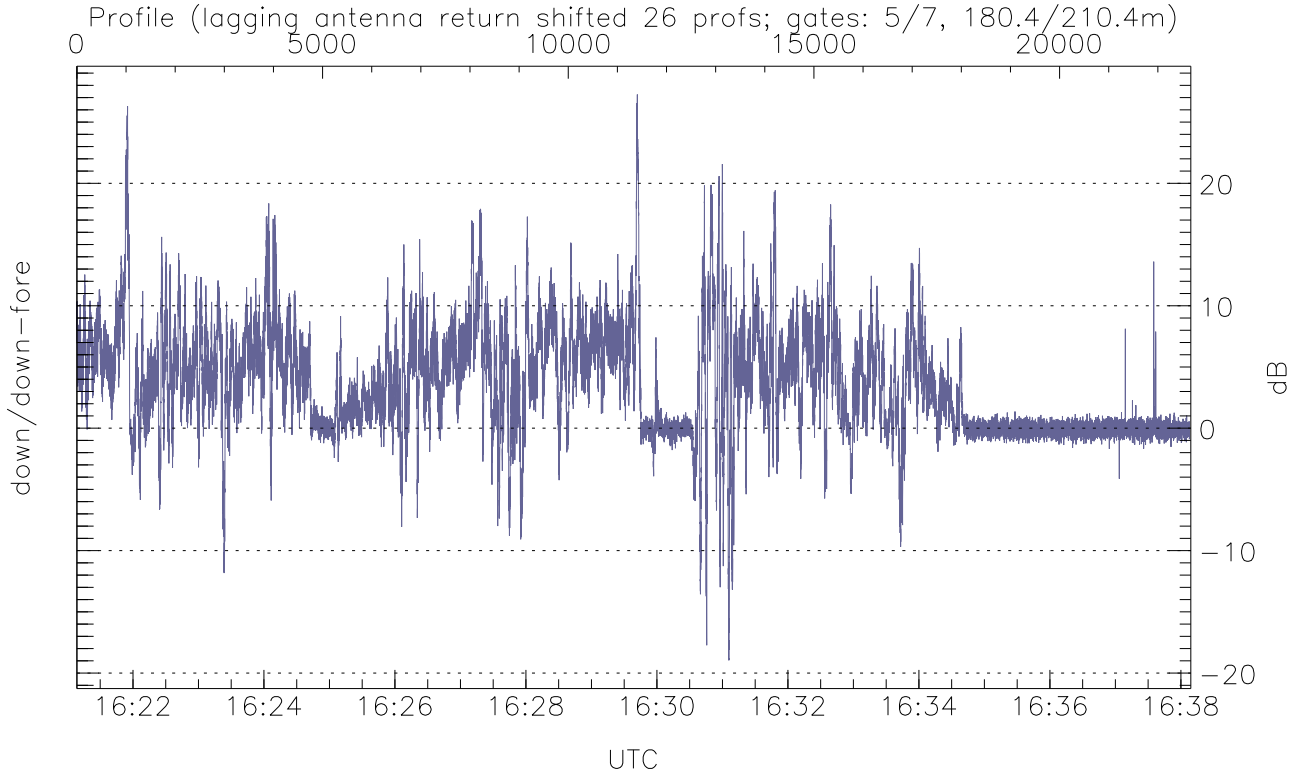
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

	Min	Max	Mean
up(hh[dBm])	-66.55	-7.61	-24.31
down(hh[dBm])	-66.23	-9.54	-25.50
down-fore(hh[dBm])	-66.30	-13.57	-30.27





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

	Min	Max	Mean
up/down(dB)	-33.33	35.42	0.38
down/down-fore(dB)	-18.95	27.25	3.54

WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.79	15.79	1.94	4.56
b2, hhhh(rg5[m/s])	-15.77	15.79	-1.25	4.52
b4, hhhh(rg5[m/s])	-15.79	15.79	3.17	12.86