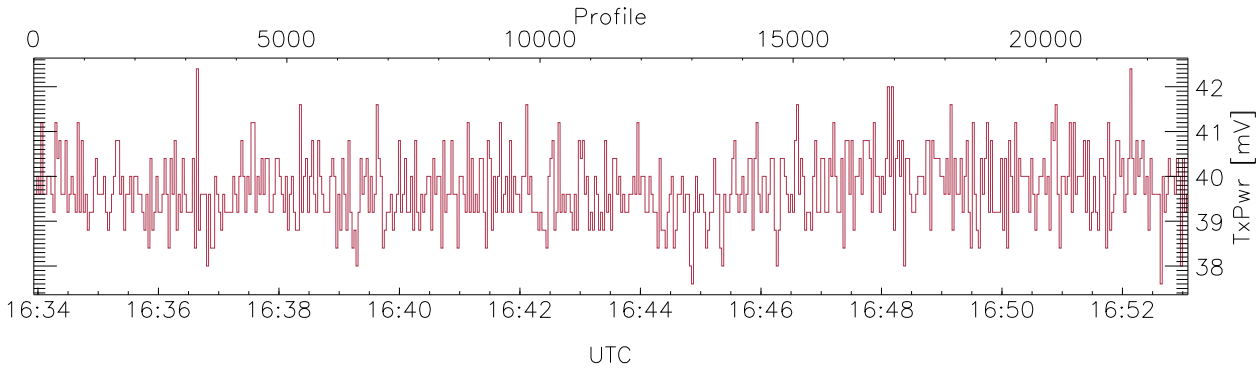
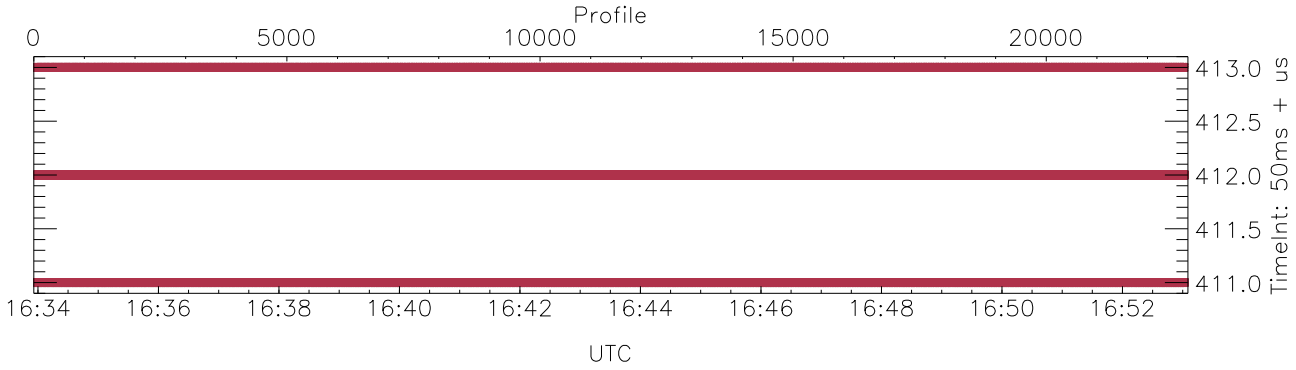
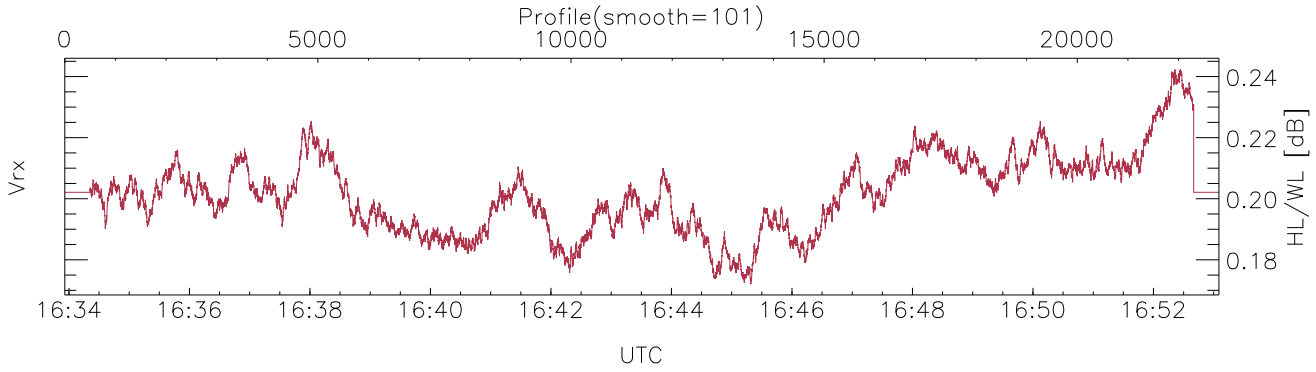
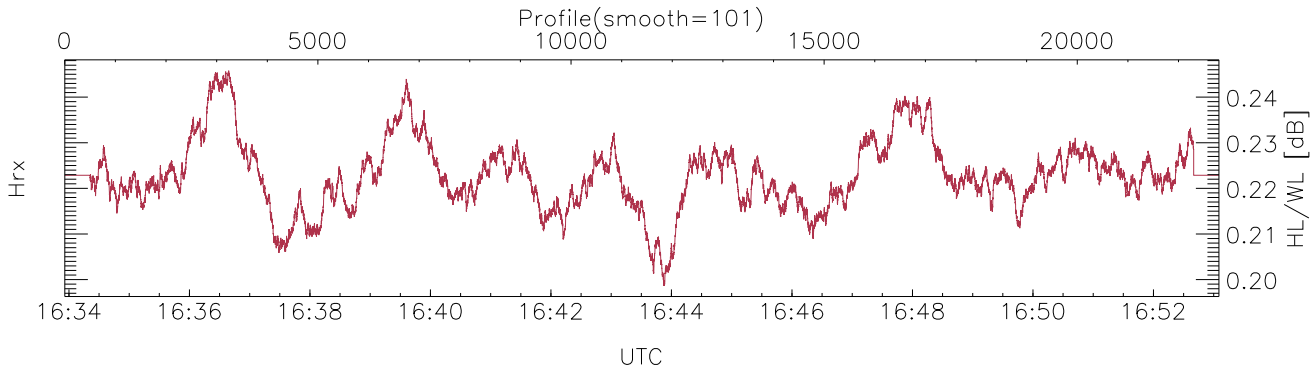


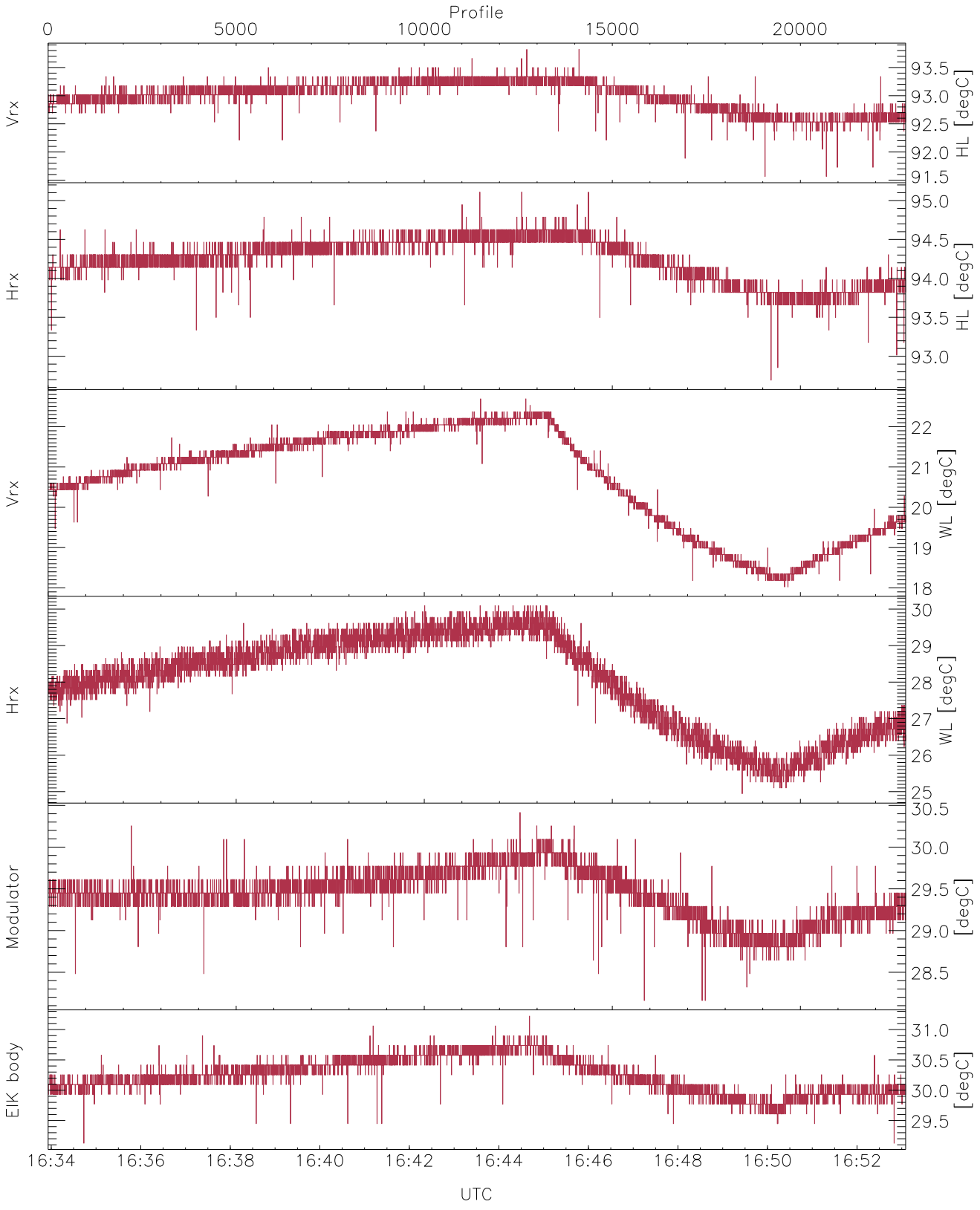






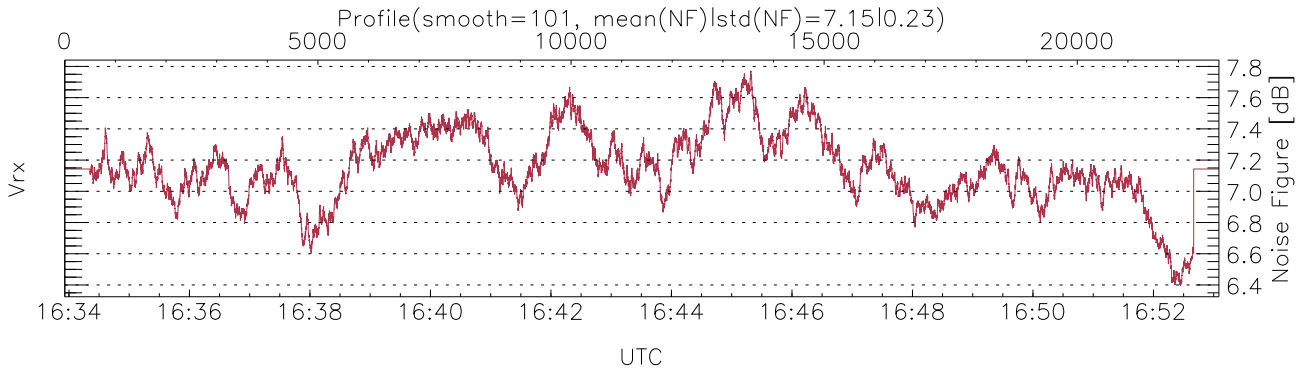
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

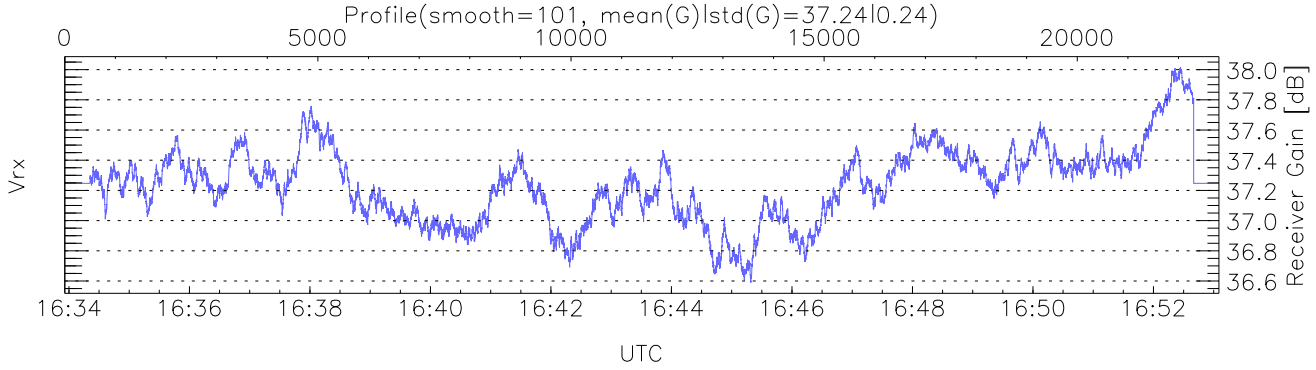
UTC: 16:33:56-16:59:25, Dur: 1529.42s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
NumRec(r/t): 22800/30339, 0-22799/16:33:56-16:53:05
AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
PRF: 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us
Range(min,max,rgs): 105,5271,15.0 m, Gates: 345, Aspect: 3.3
Mirror(-9|0|1|2,3,9x = no mirror|sideluplerror): 1

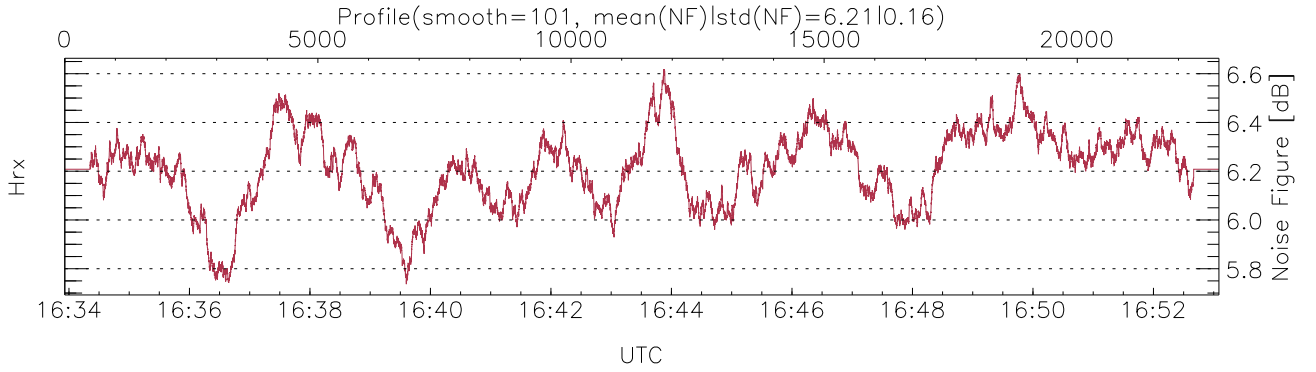


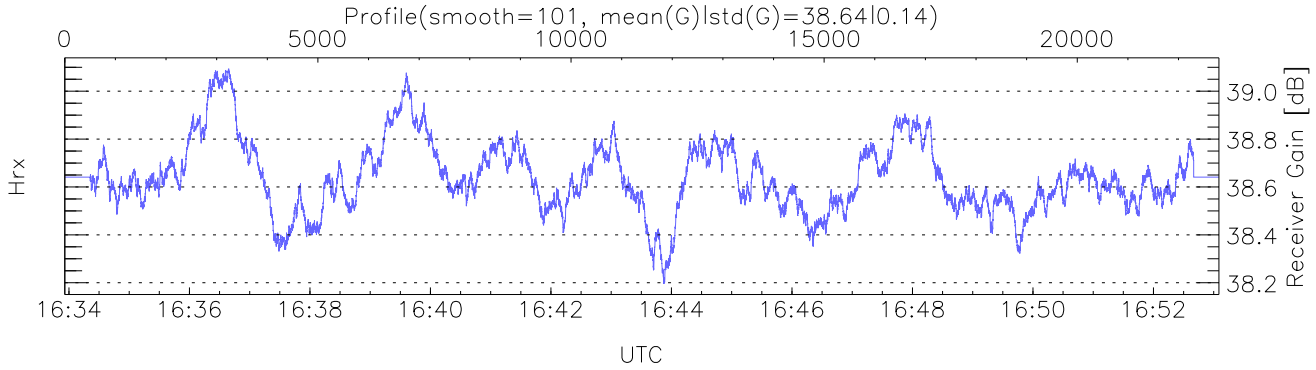
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,18,24,28,29
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,22,30,30,31
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
HVPS (12)



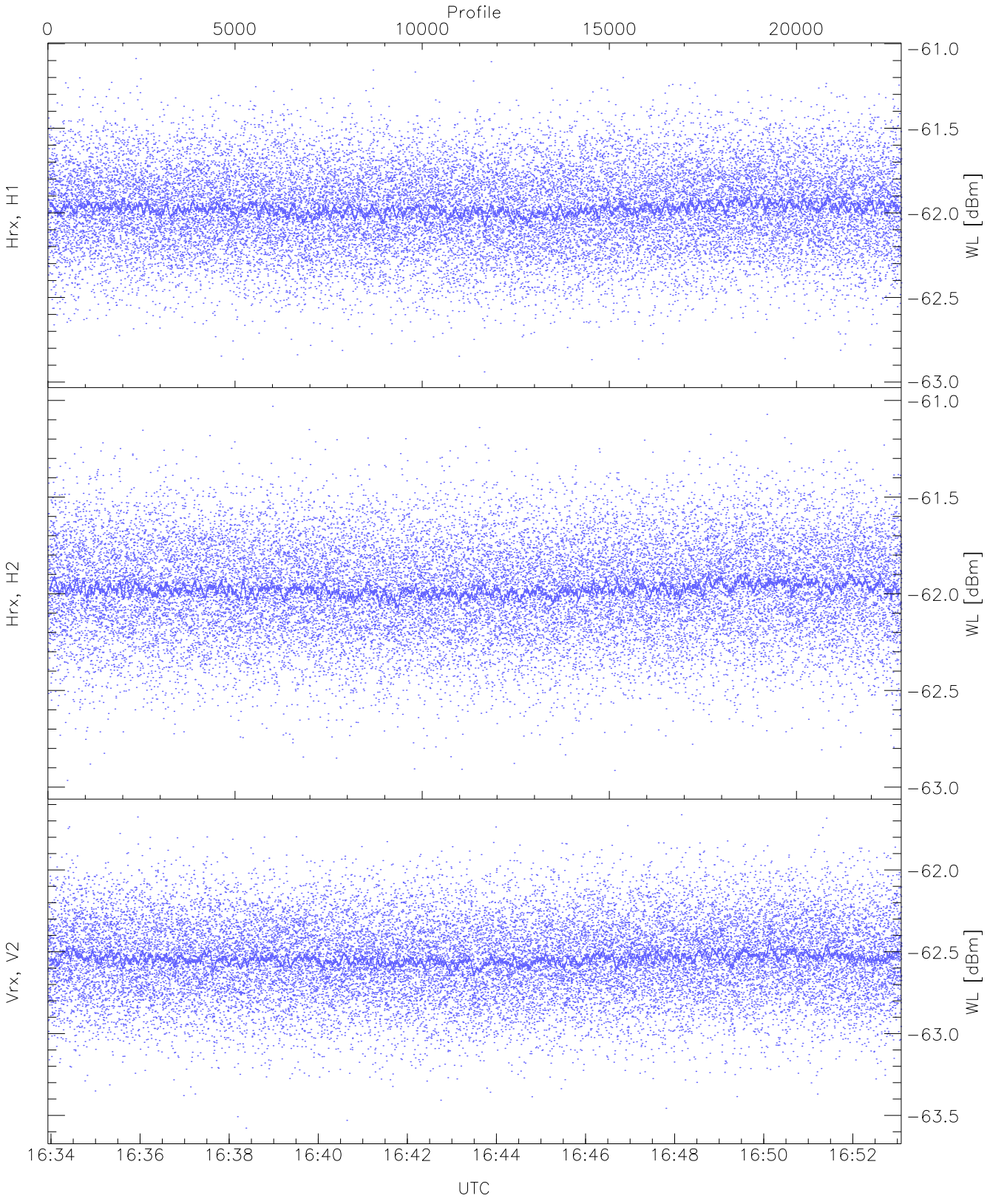






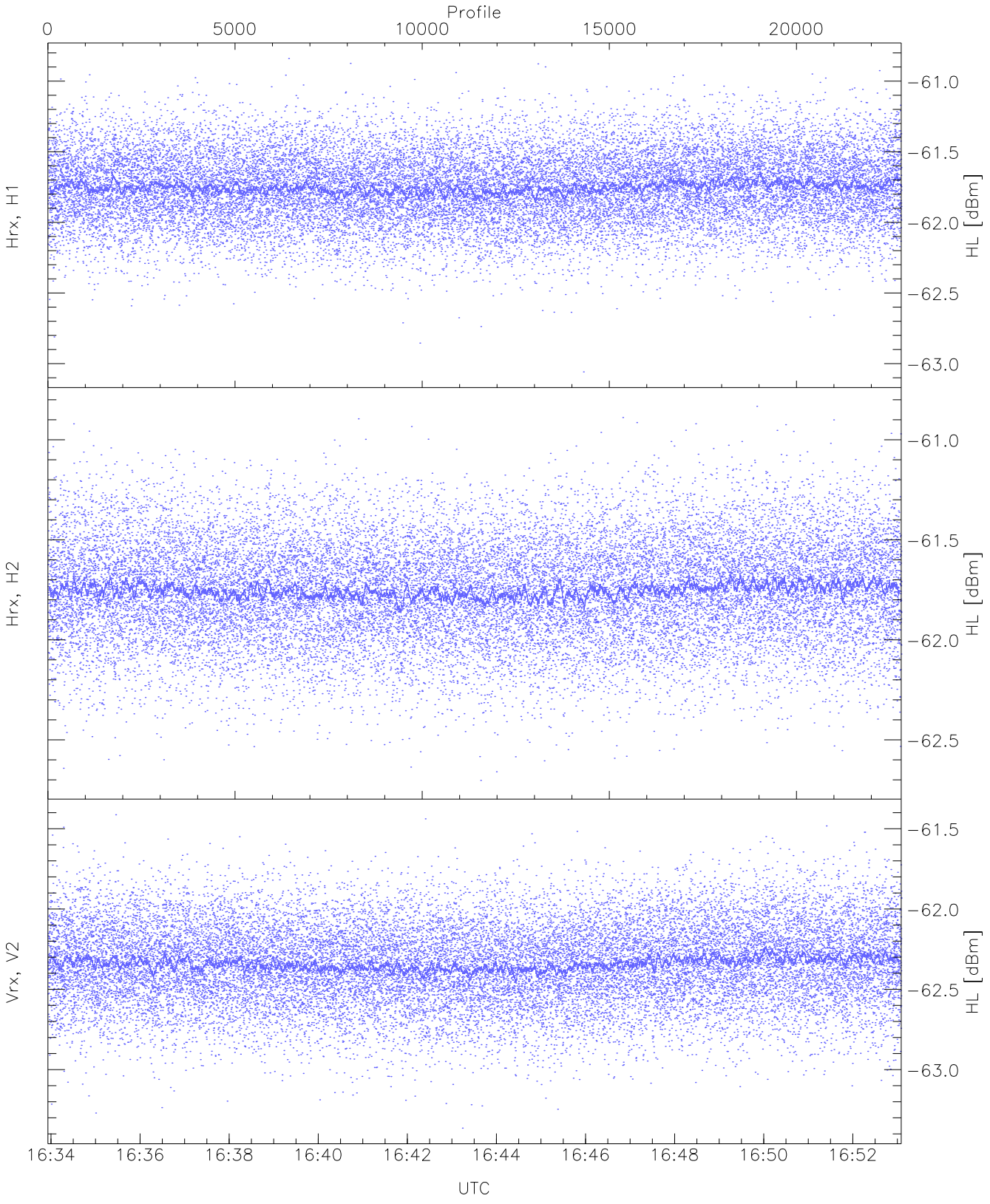
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 8891 pixs, 27 gates, 8799 profs, 2 prods



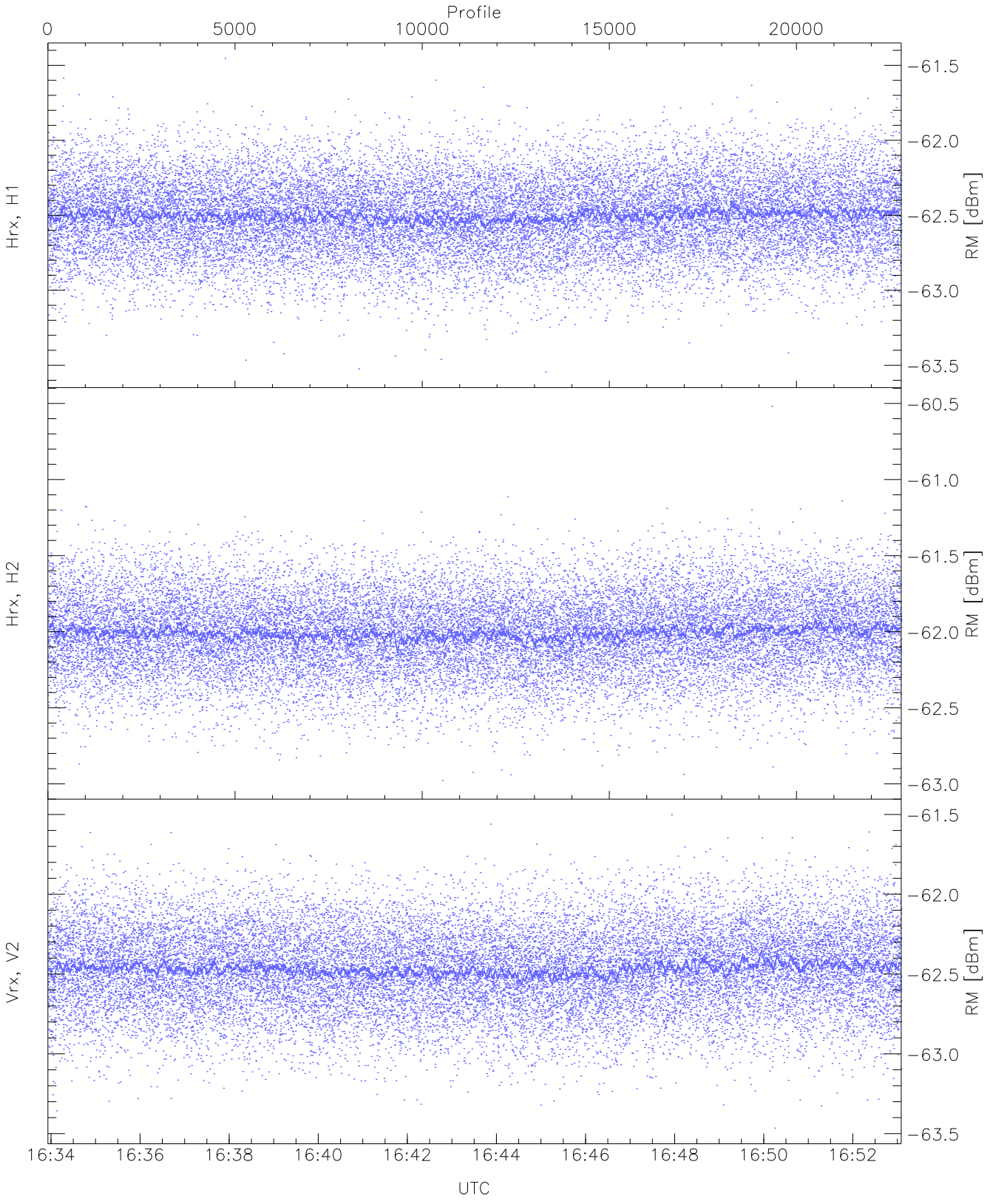
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.94	-61.09	-61.97	-61.98	-74.53
Hrx, H2(WL [dBm])	-62.97	-61.03	-61.97	-61.97	-74.51
Vrx, V2(WL [dBm])	-63.58	-61.66	-62.54	-62.54	-75.10



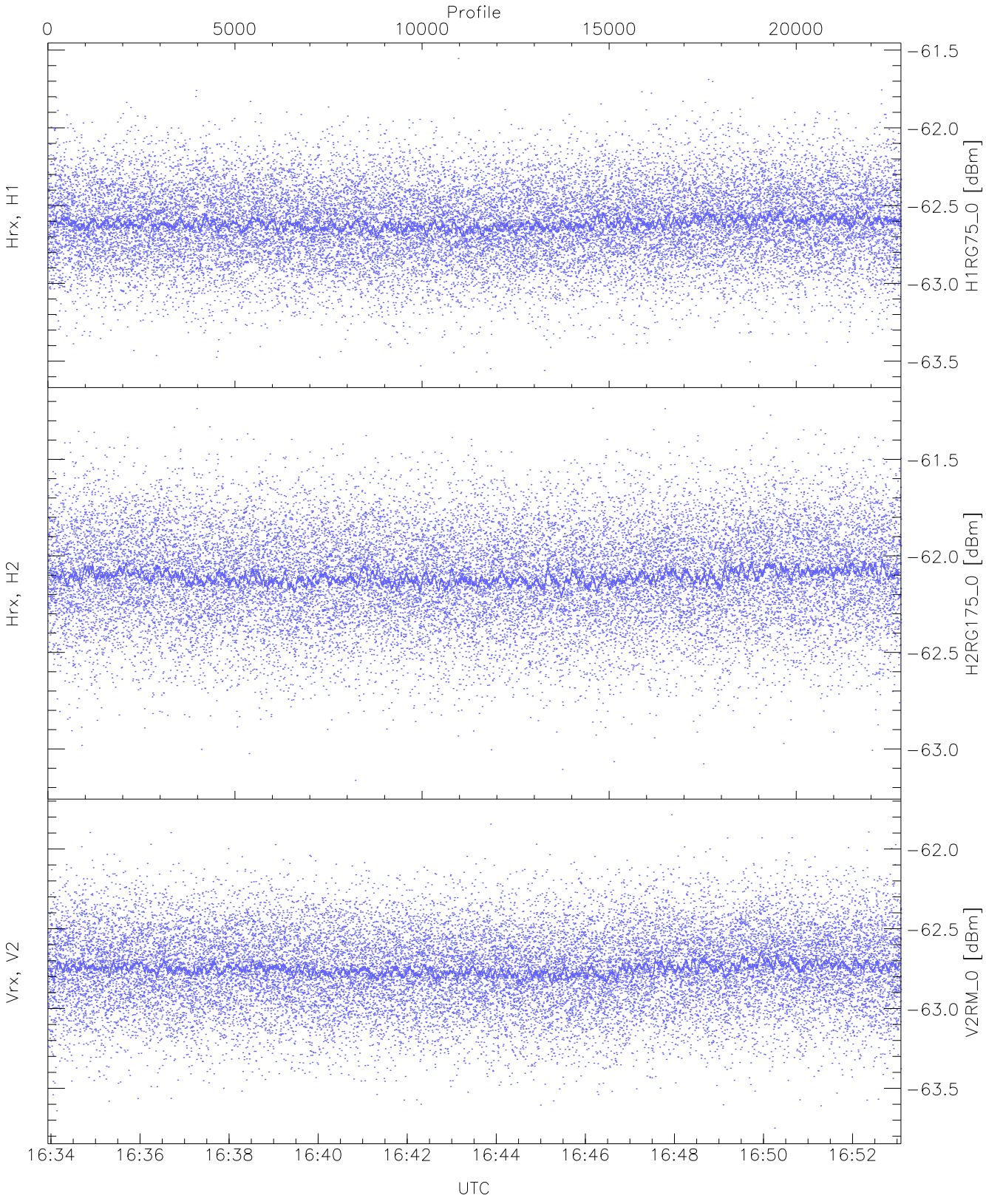
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-63.06	-60.84	-61.75	-61.76	-74.28
Hrx, H2(HL [dBm])	-62.70	-60.83	-61.75	-61.75	-74.32
Vrx, V2(HL [dBm])	-63.36	-61.41	-62.34	-62.34	-74.85



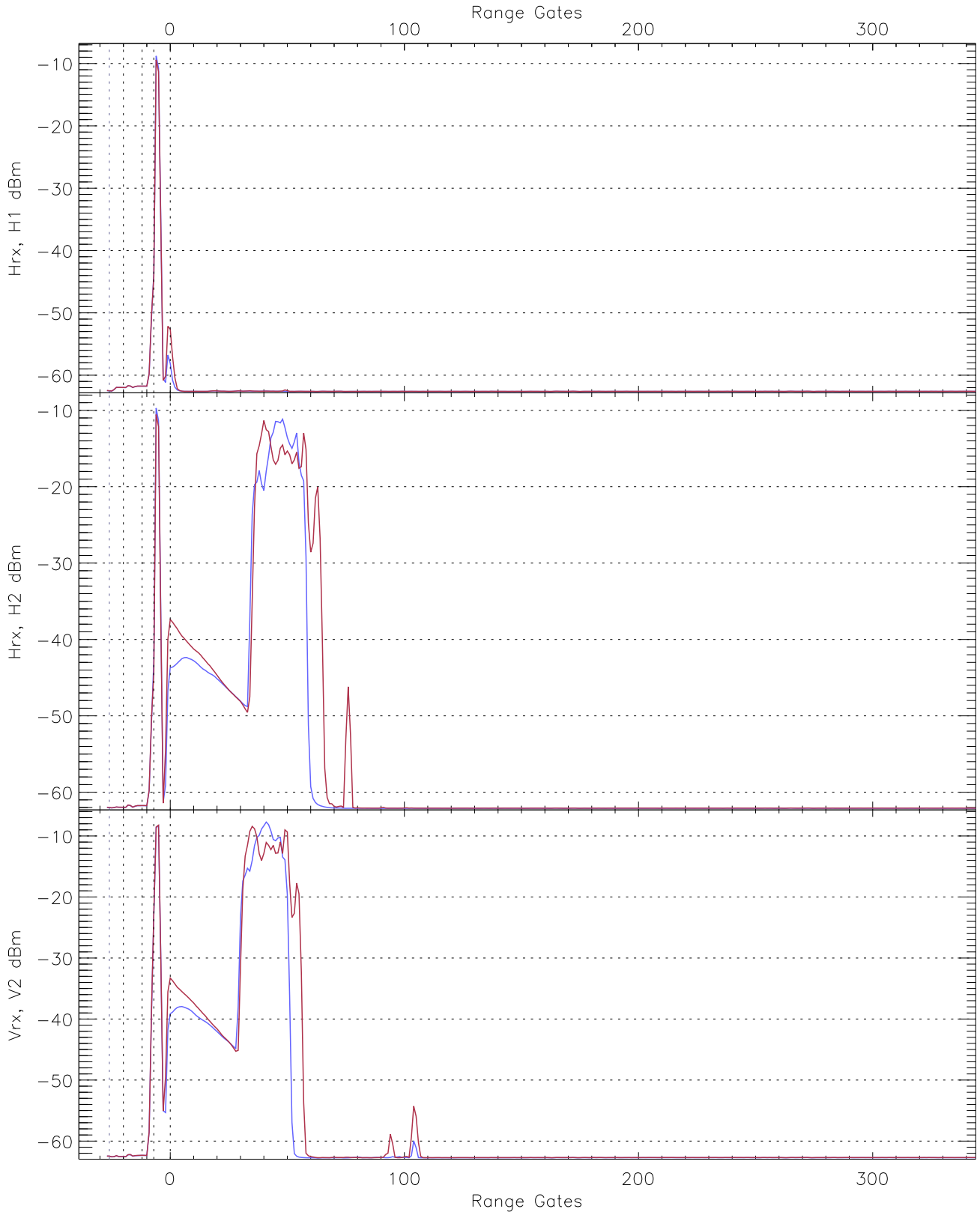
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.54	-61.46	-62.50	-62.50	-75.09
Hrx, H2(RM [dBm])	-62.98	-60.52	-62.01	-62.01	-74.55
Vrx, V2(RM [dBm])	-63.47	-61.50	-62.46	-62.47	-74.97

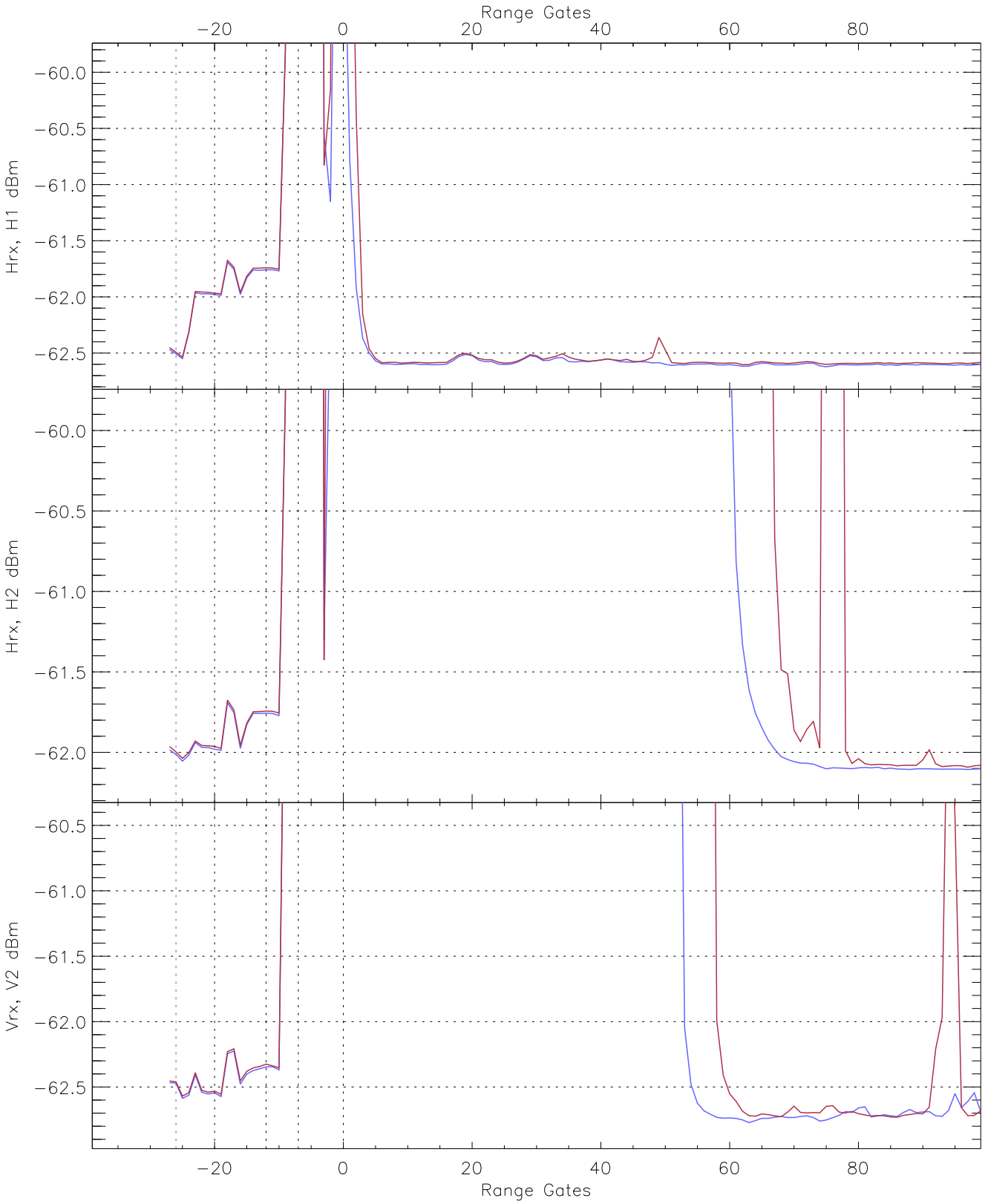


WCR2 CPP "Best" estimate Receivers Noise Power

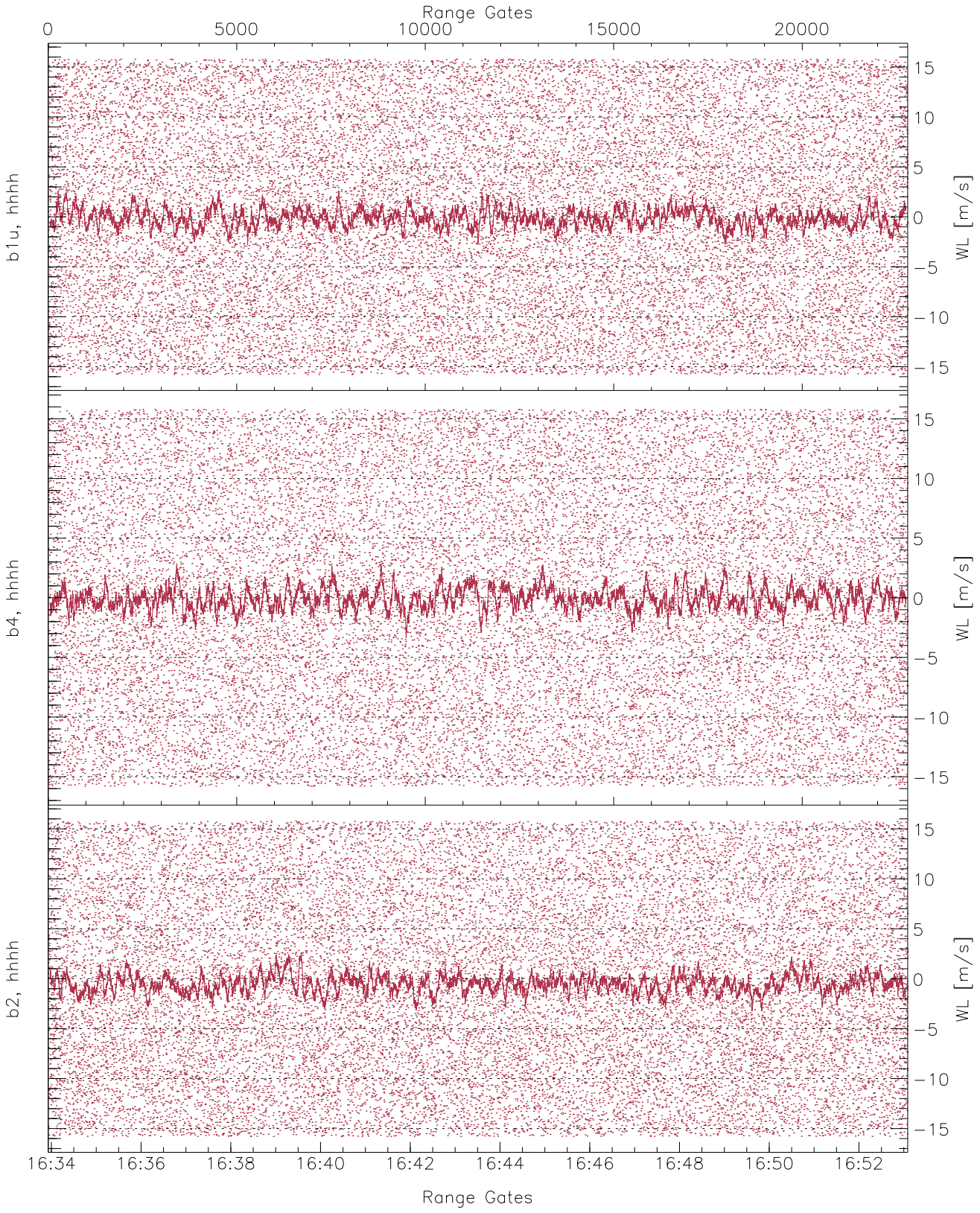
	Min	Max	Mean	Median	StDev
H1RG75_0 [dBm]	-63.57	-61.55	-62.61	-62.62	-75.16
H2RG175_0 [dBm]	-63.16	-61.23	-62.10	-62.11	-74.65
V2RM_0 [dBm]	-63.75	-61.79	-62.75	-62.75	-75.25



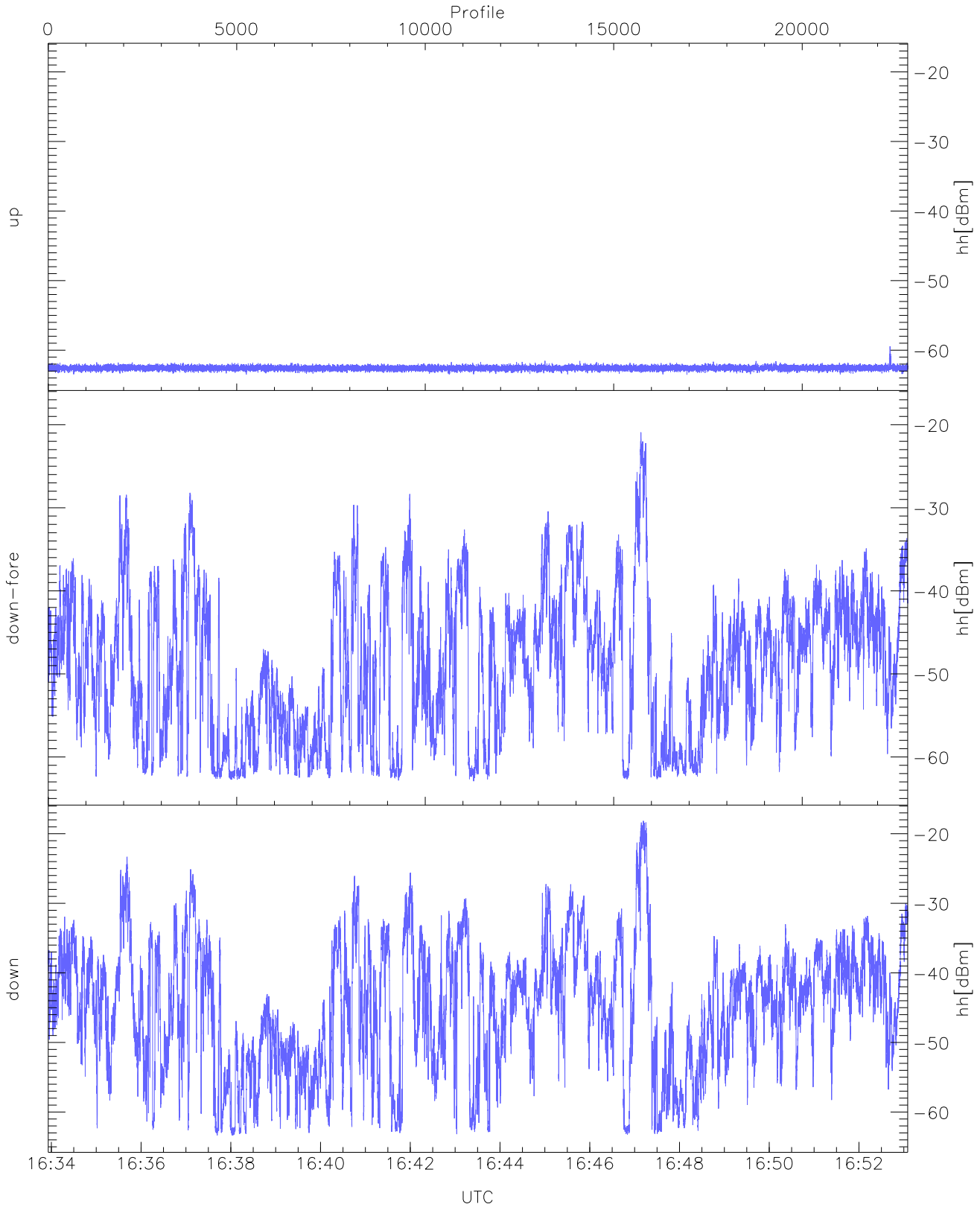
WCR2 CPP Averaged Received power for all recorded gates
blue: 163356-164331, 11401 profiles averaged
red: 164331-165305, 11400 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 163356-164331, 11401 profiles averaged
red: 164331-165305, 11400 profiles averaged

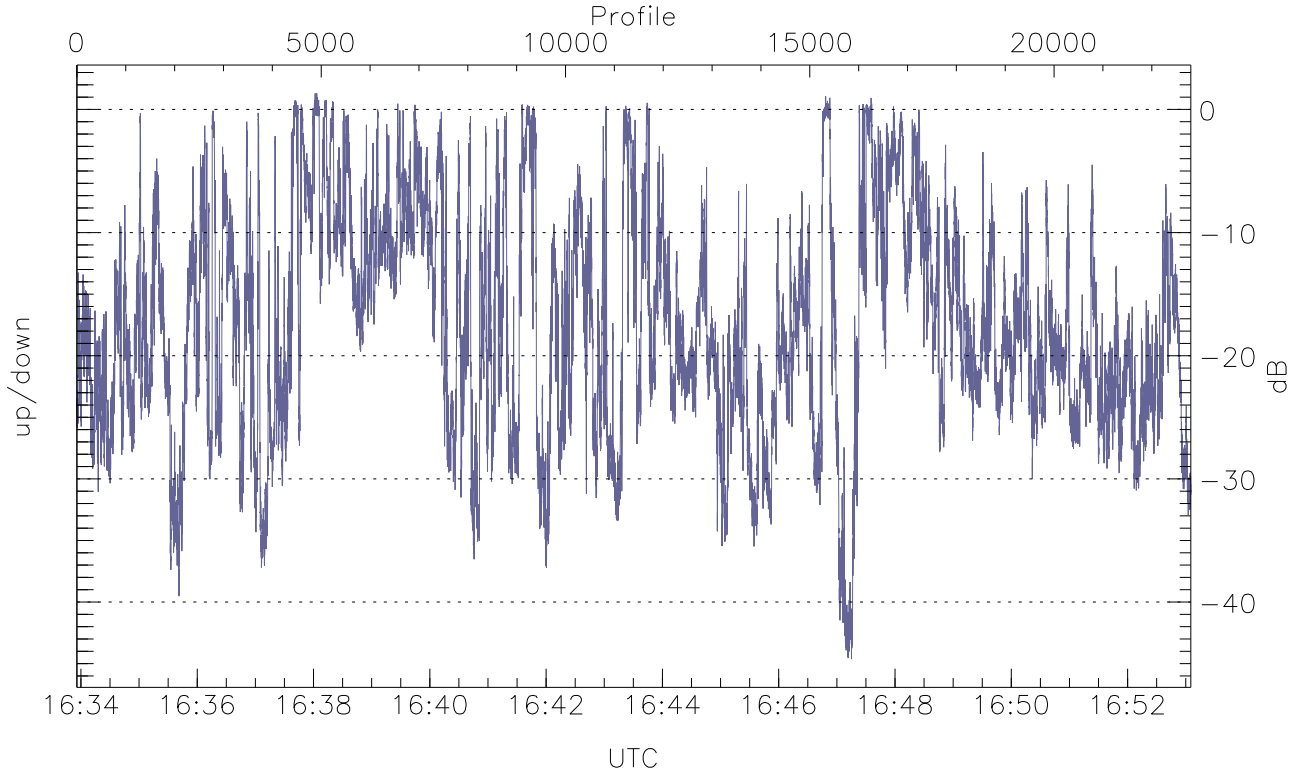


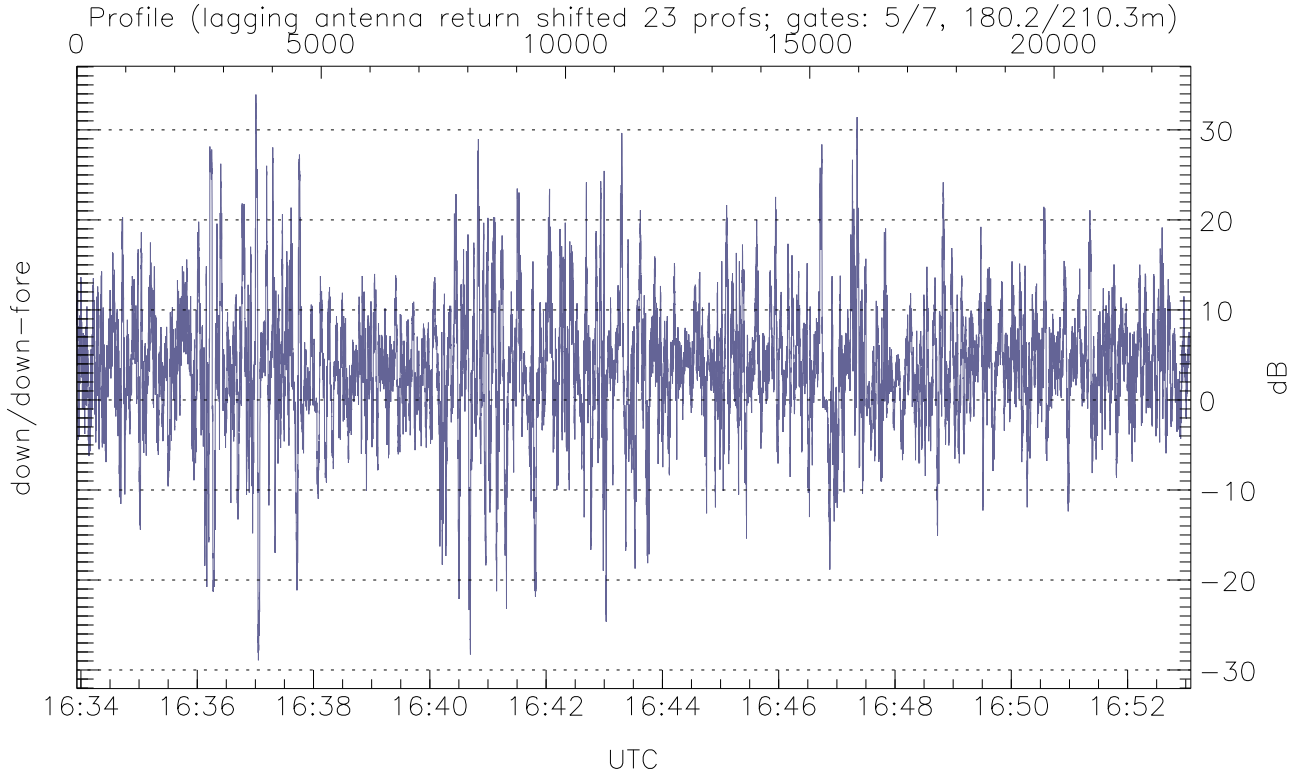
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

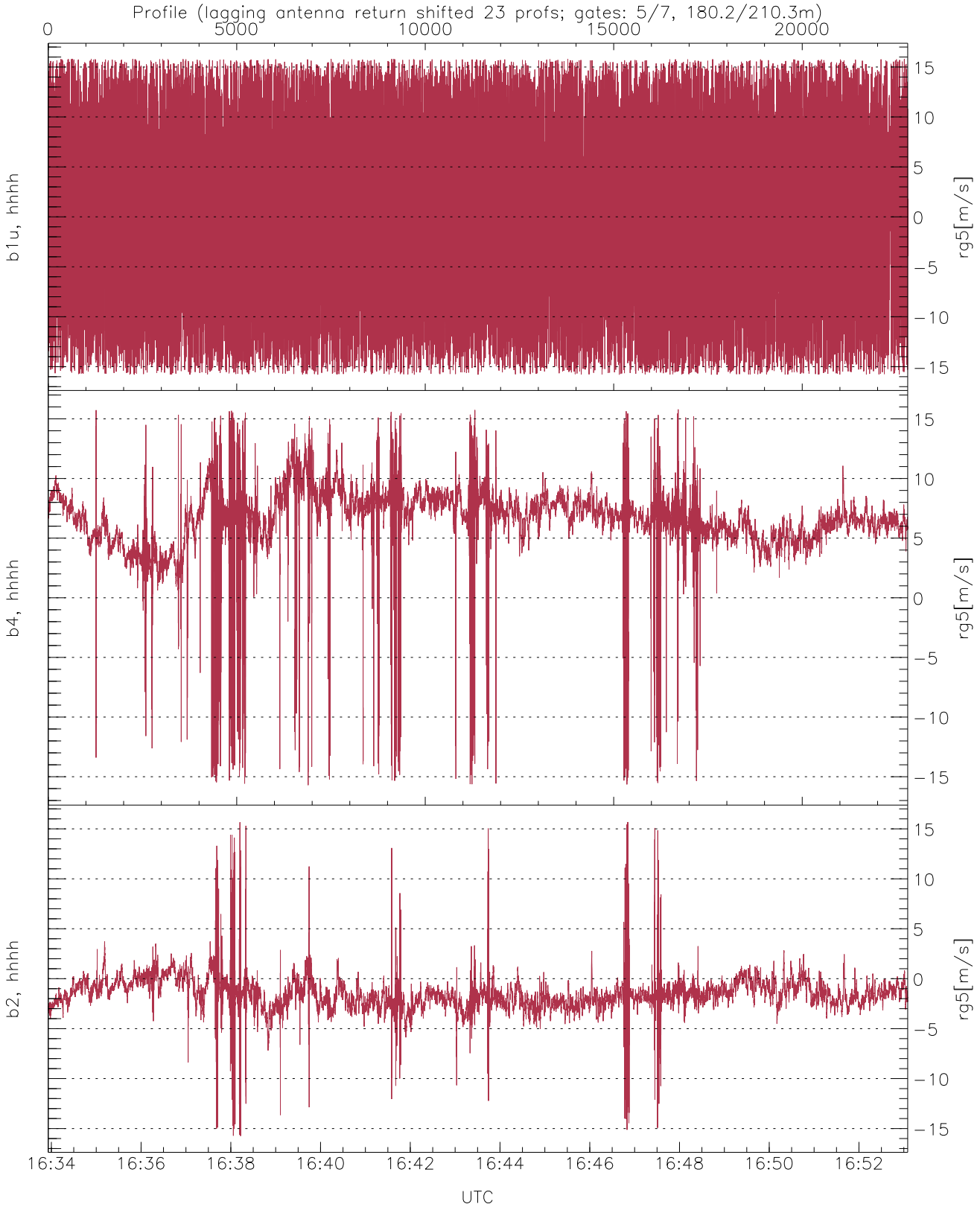
	Min	Max	Mean
up(hh[dBm])	-63.52	-59.44	-62.56
down-fore(hh[dBm])	-62.92	-20.92	-40.78
down(hh[dBm])	-63.35	-18.15	-36.56





WCR2 Beam pairs Received Power Ratio(s); RangeGate: 5 (180 m)

	Min	Max	Mean
up/down(dB)	-44.63	1.31	-17.51
down/down-fore(dB)	-28.92	33.93	3.66



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.80	-0.12	8.80
b4, hhhh(rg5[m/s])	-15.71	15.79	6.43	3.05
b2, hhhh(rg5[m/s])	-15.75	15.68	-1.50	1.67