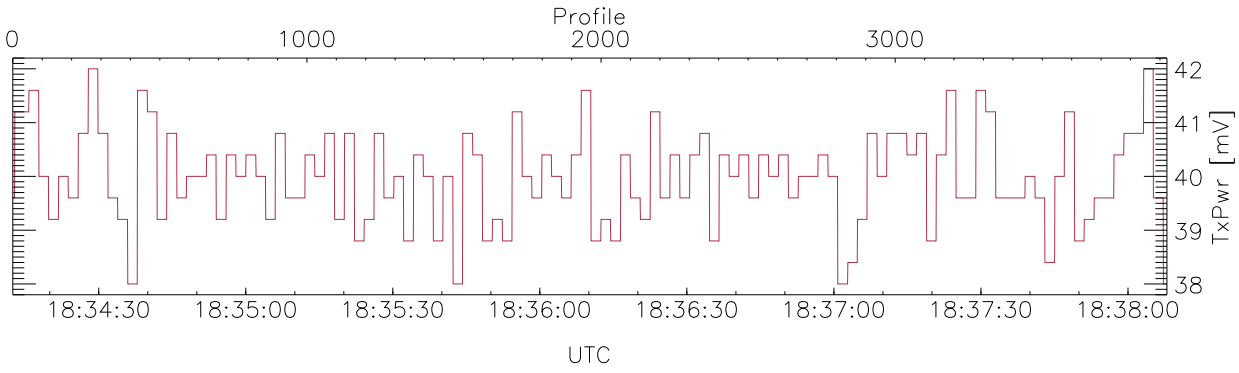
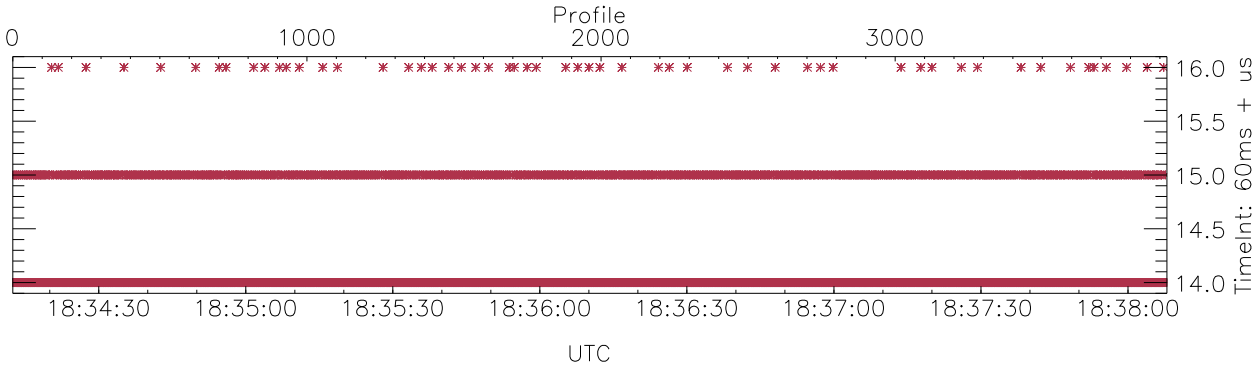
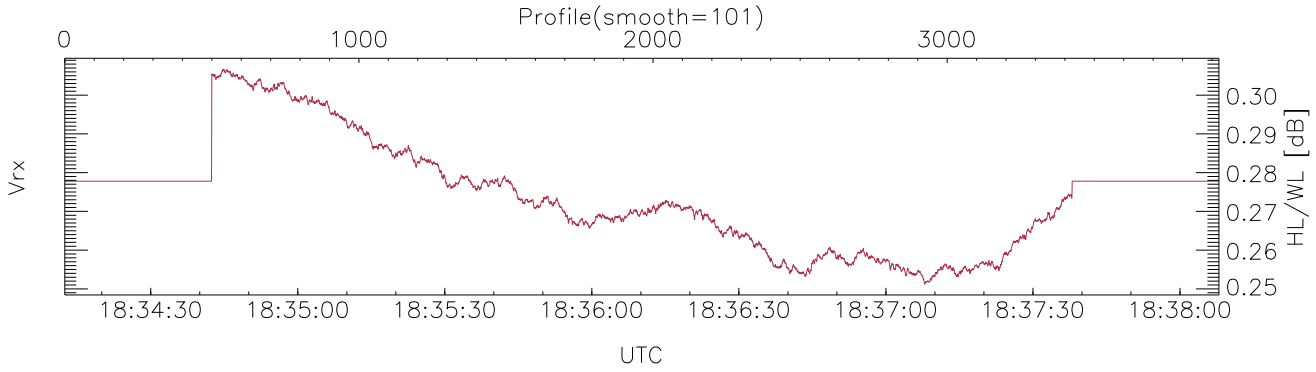
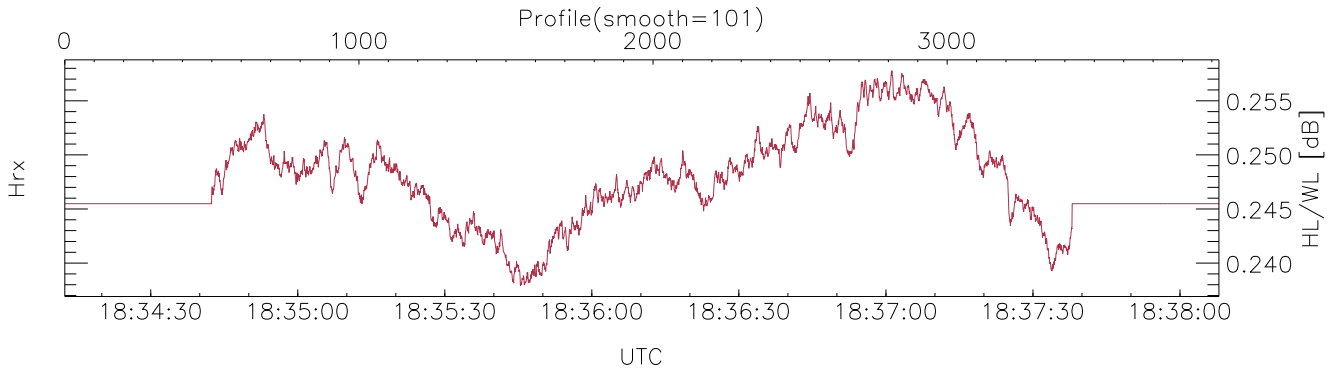


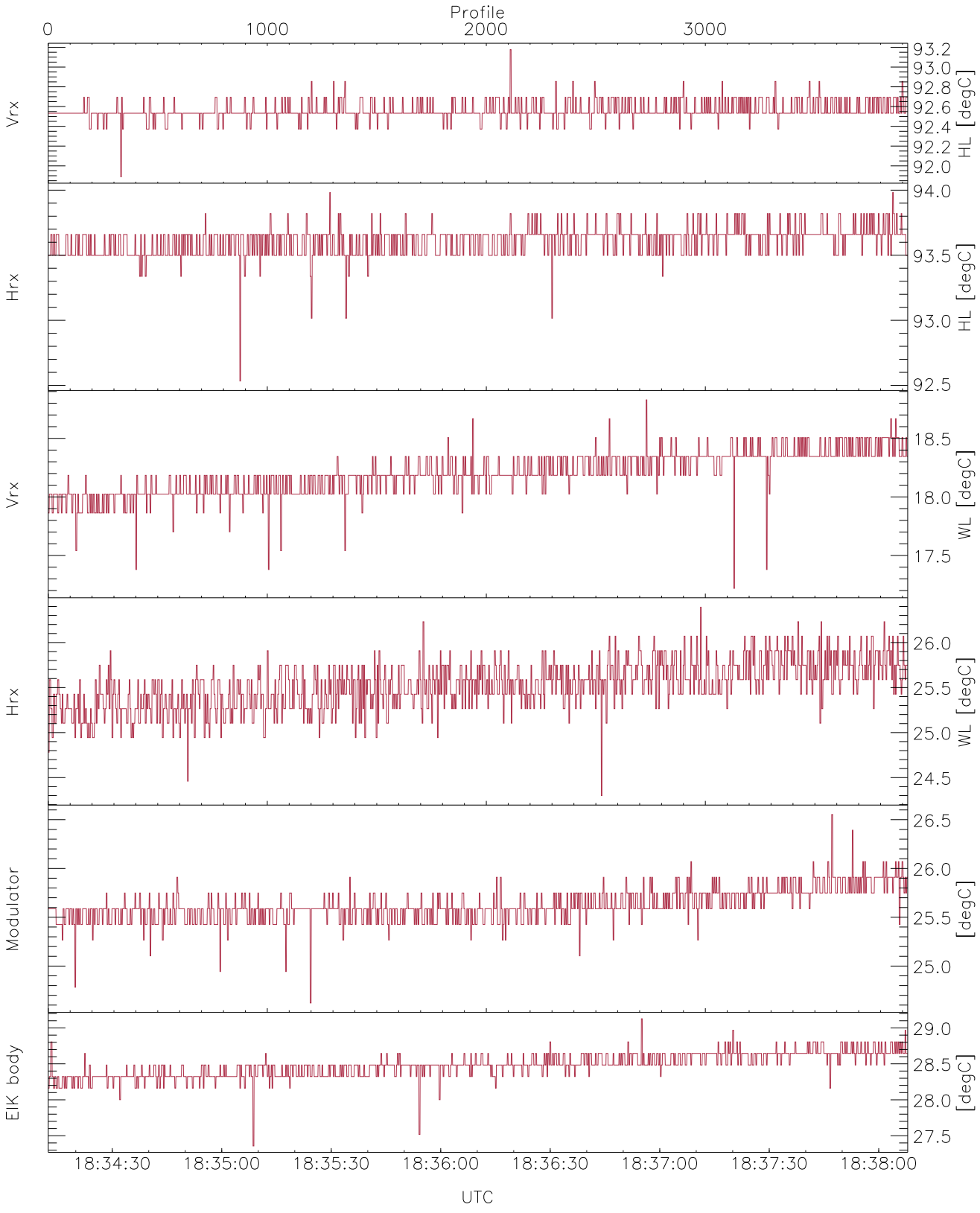






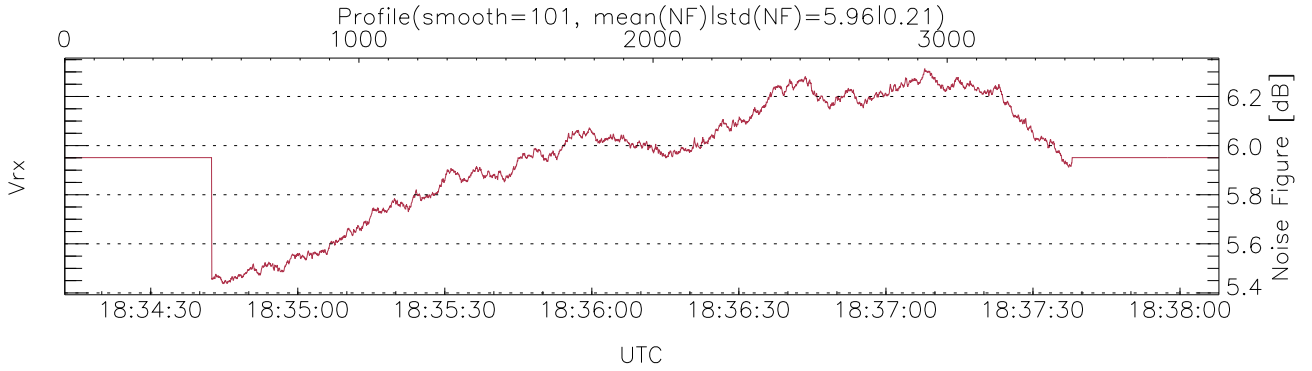
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

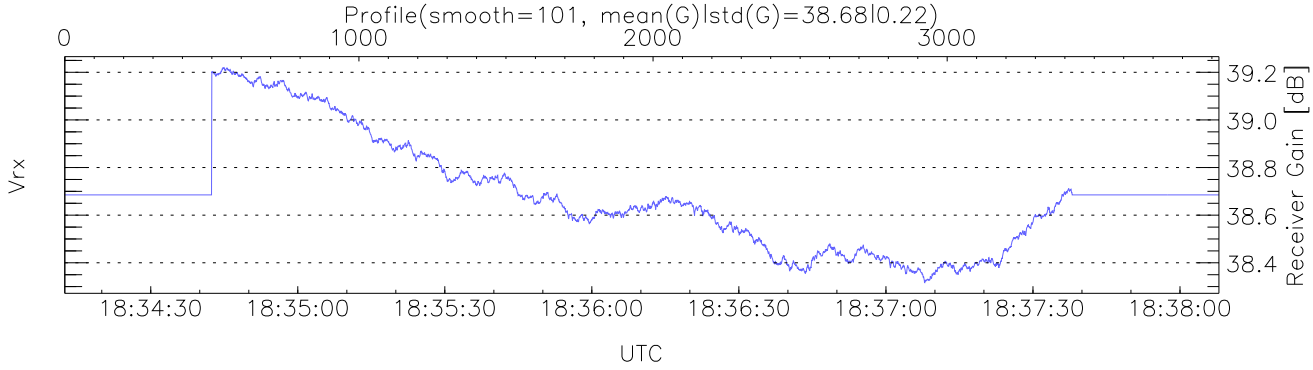
UTC: 18:34:12-18:38:08, Dur: 235.50s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 60.0,60.0,60.0,0.0 ms / 17,17,17
NumRec(r/t): 3925/3925, 0-3924/18:34:12-18:38:08
AcqTime: 60.0ms, Rate: 383KB/s, Averages: 200
Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2
PRF: 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us
Range(min,max,rgs): 105,6788,15.0 m, Gates: 446, Aspect: 2.8
Mirror(-9|0|1|2,3,9x = no mirror|sideluplerror): 1

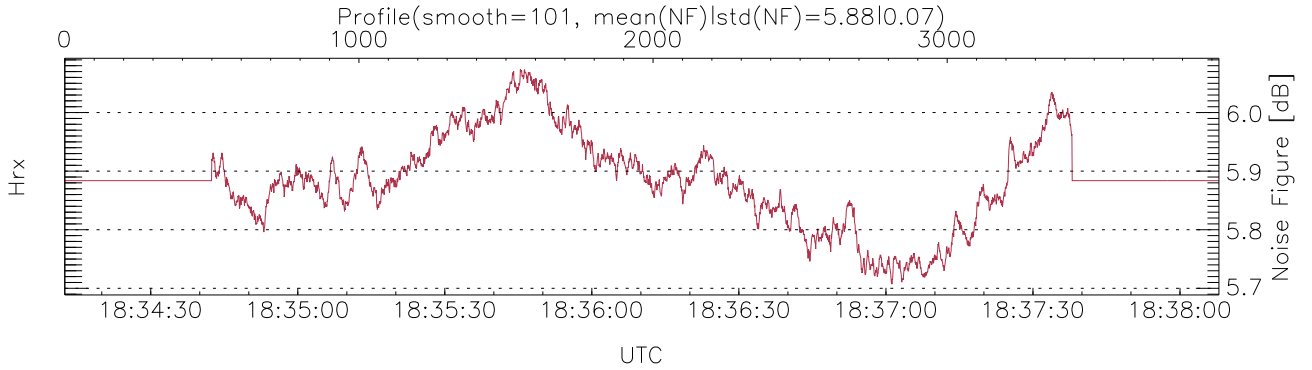


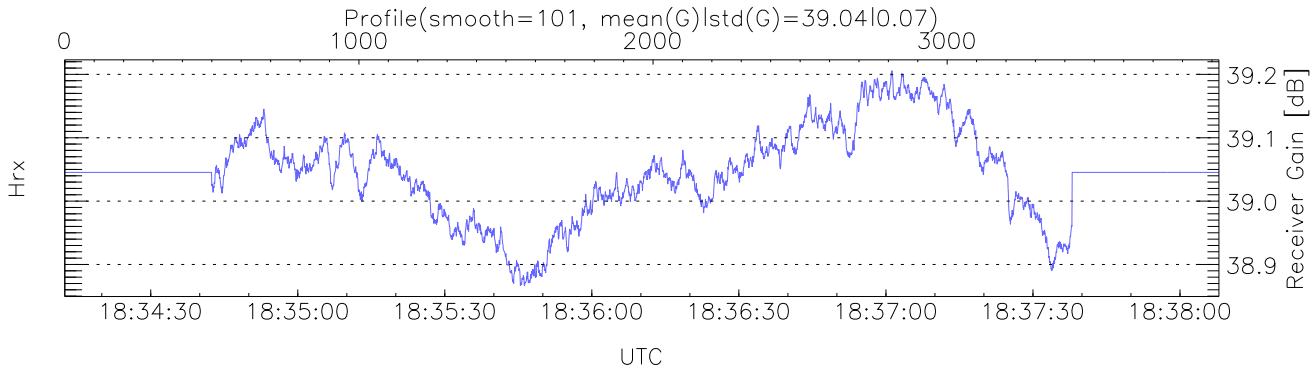
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,17,24,24,27
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,93,18,26,26,29
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
HVPS (5)



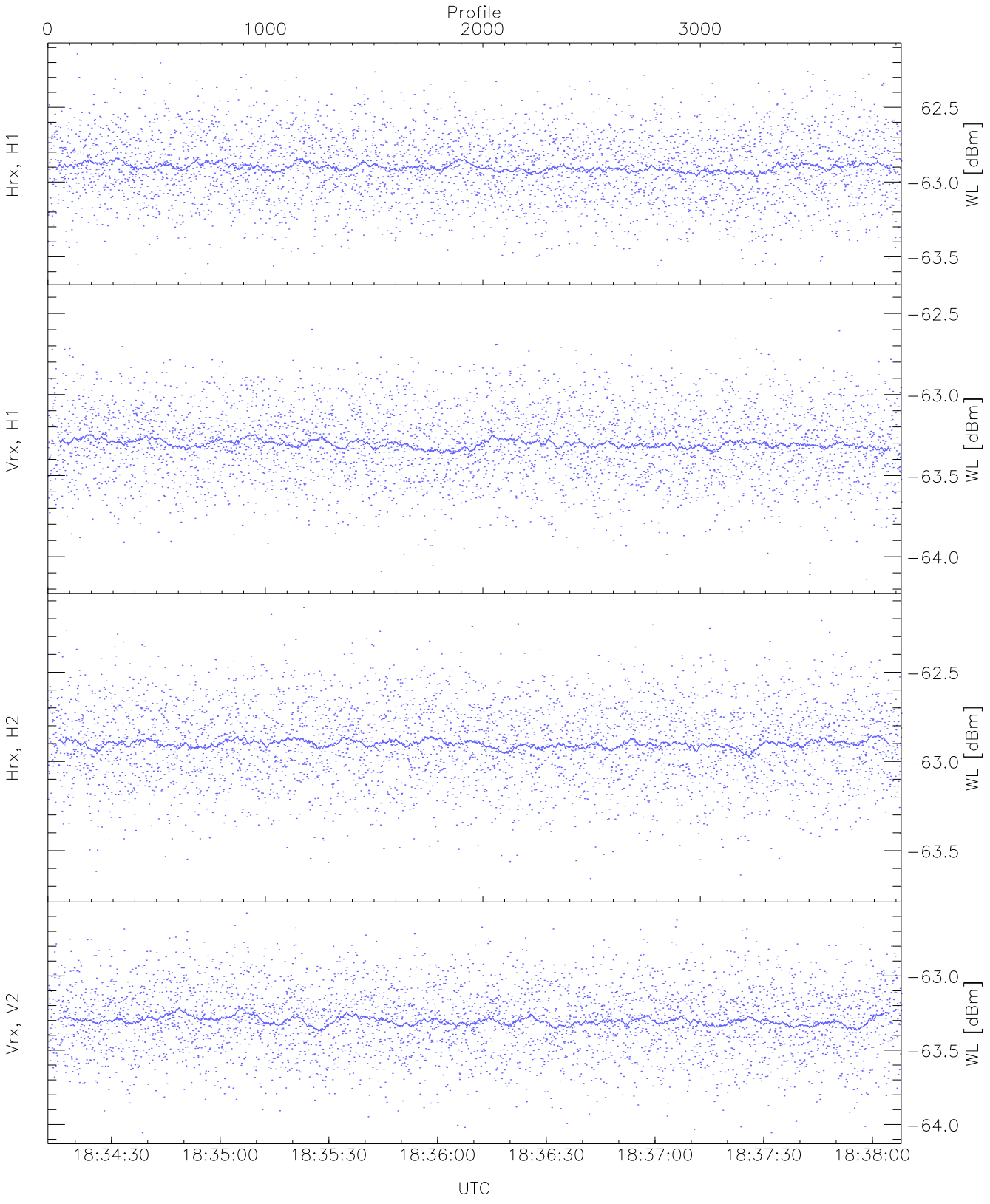






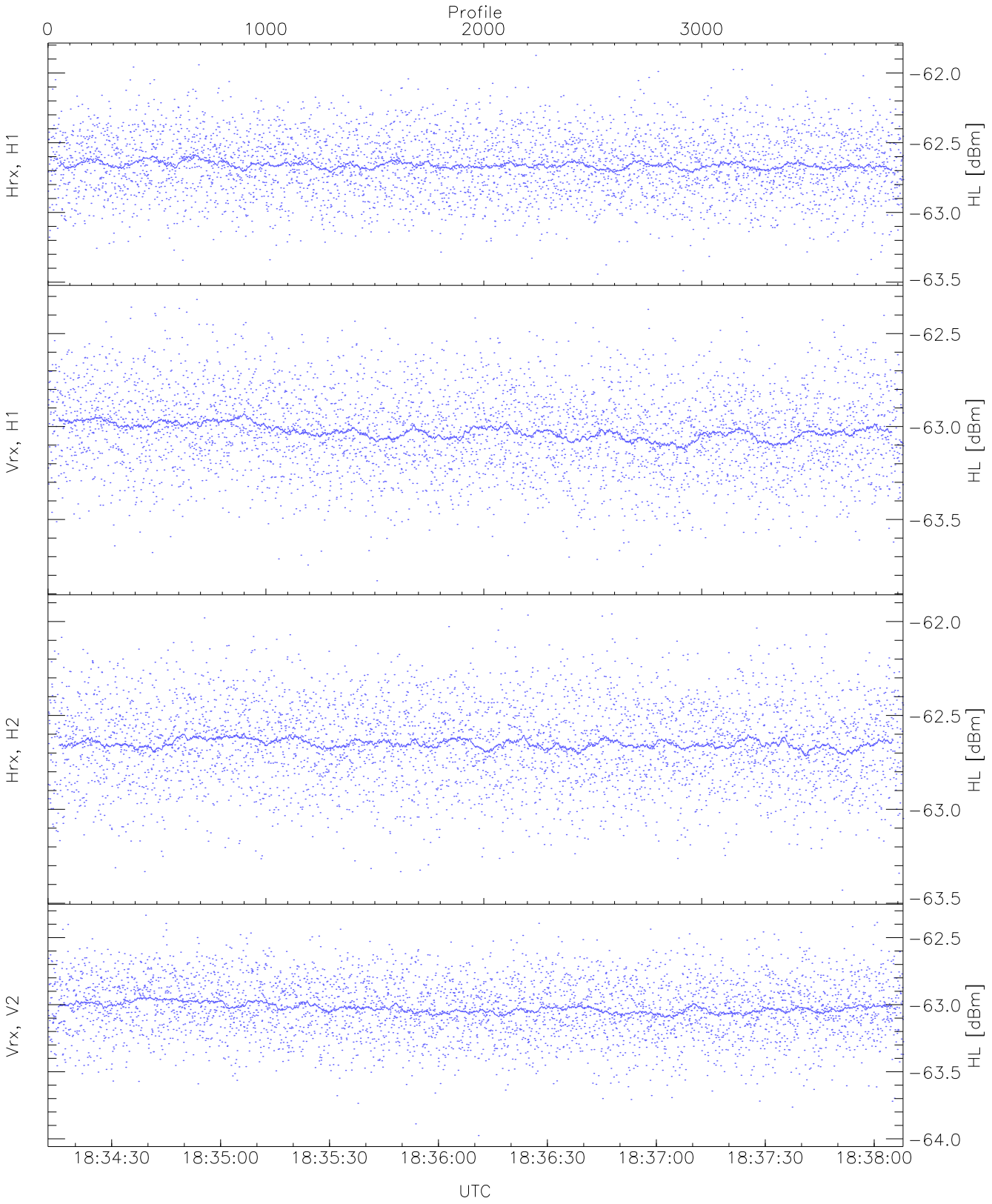
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 0 pixs, 0 gates, 0 profs, 0 prods



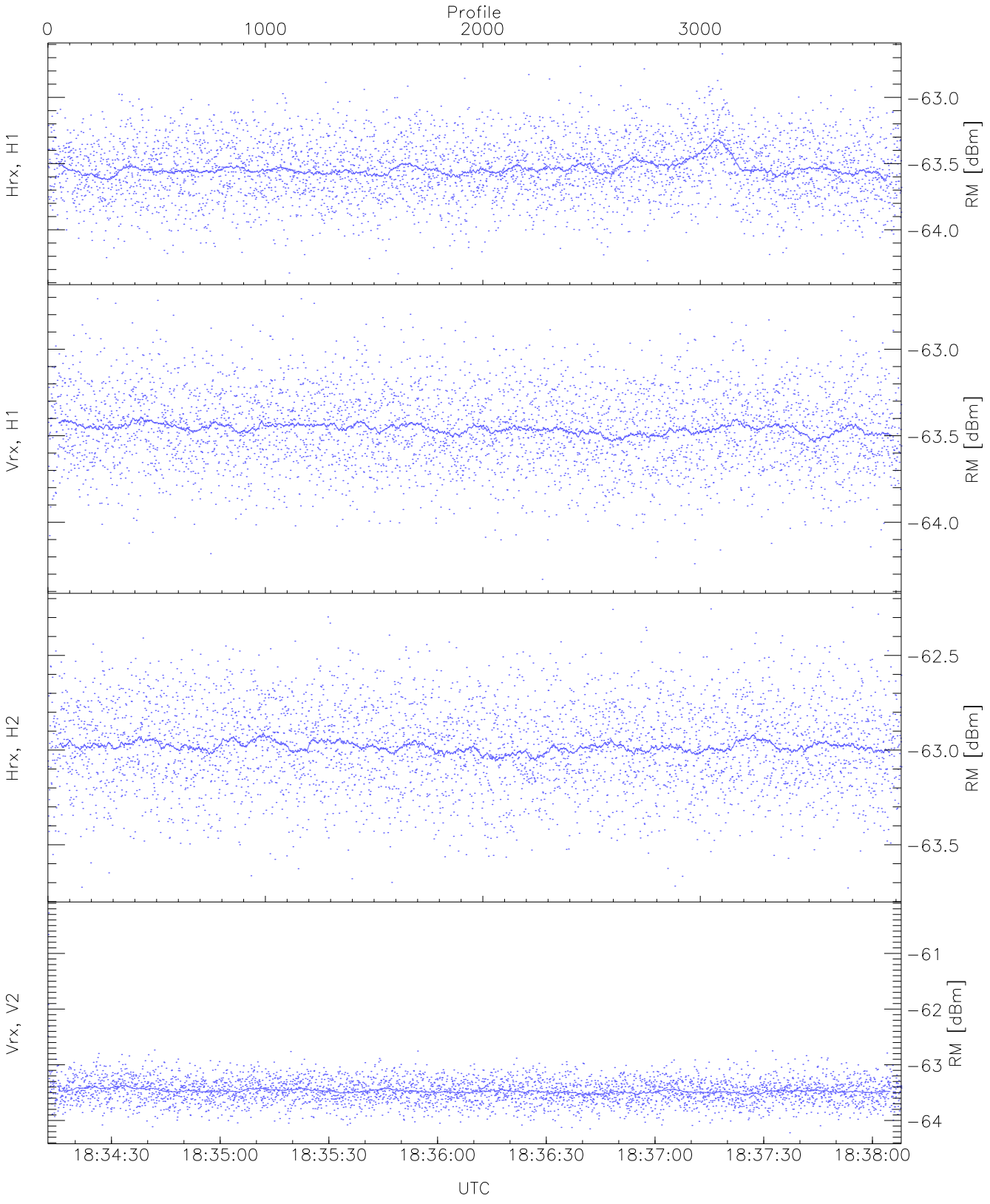
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.61	-62.14	-62.90	-62.90	-75.80
Vrx, H1(WL [dBm])	-64.14	-62.41	-63.30	-63.31	-76.21
Hrx, H2(WL [dBm])	-63.71	-62.14	-62.90	-62.90	-75.89
Vrx, V2(WL [dBm])	-64.06	-62.58	-63.30	-63.30	-76.18



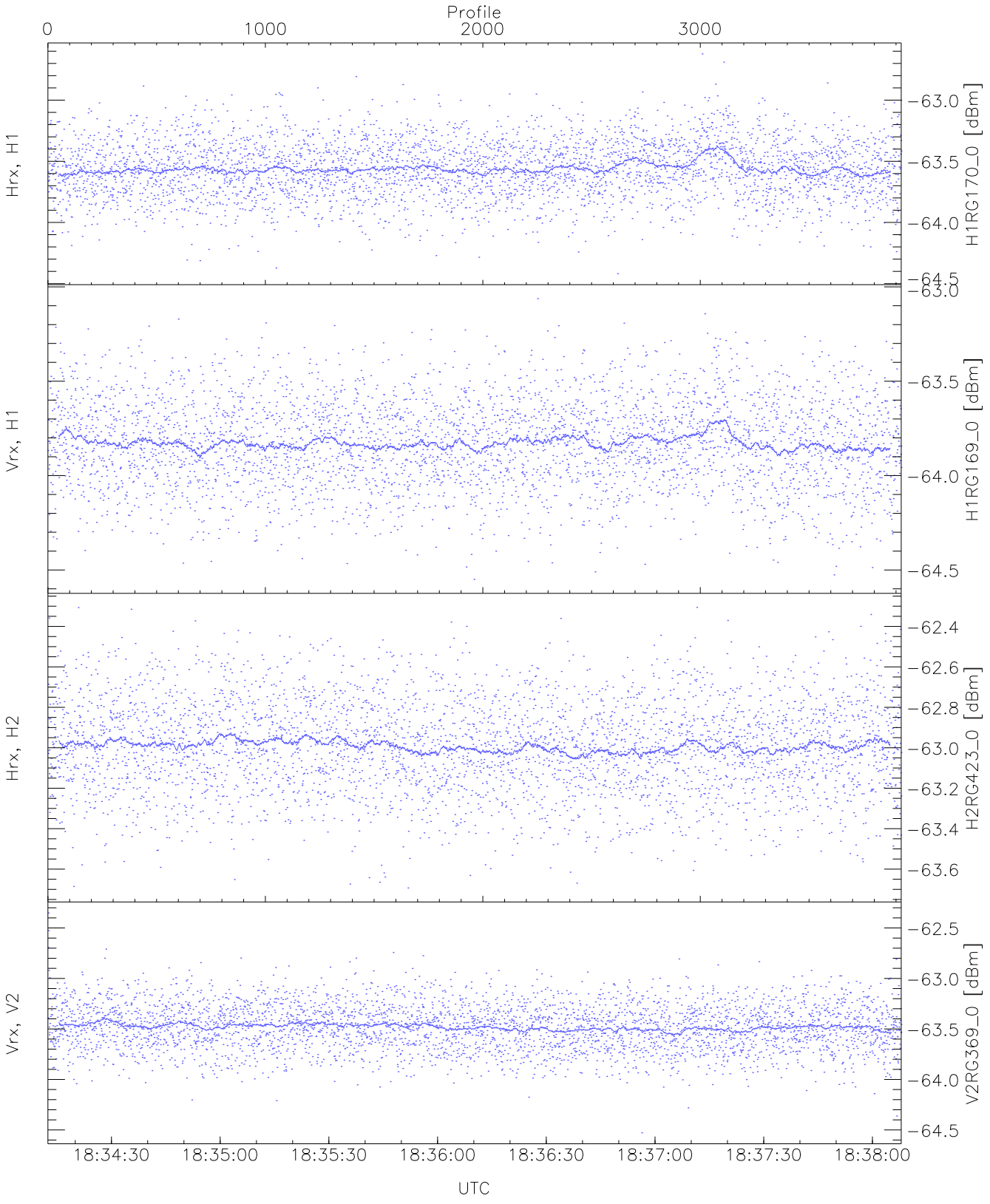
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-63.44	-61.86	-62.66	-62.66	-75.53
Vrx, H1(HL [dBm])	-63.83	-62.32	-63.02	-63.02	-75.94
Hrx, H2(HL [dBm])	-63.43	-61.93	-62.65	-62.65	-75.61
Vrx, V2(HL [dBm])	-63.98	-62.33	-63.02	-63.02	-76.00



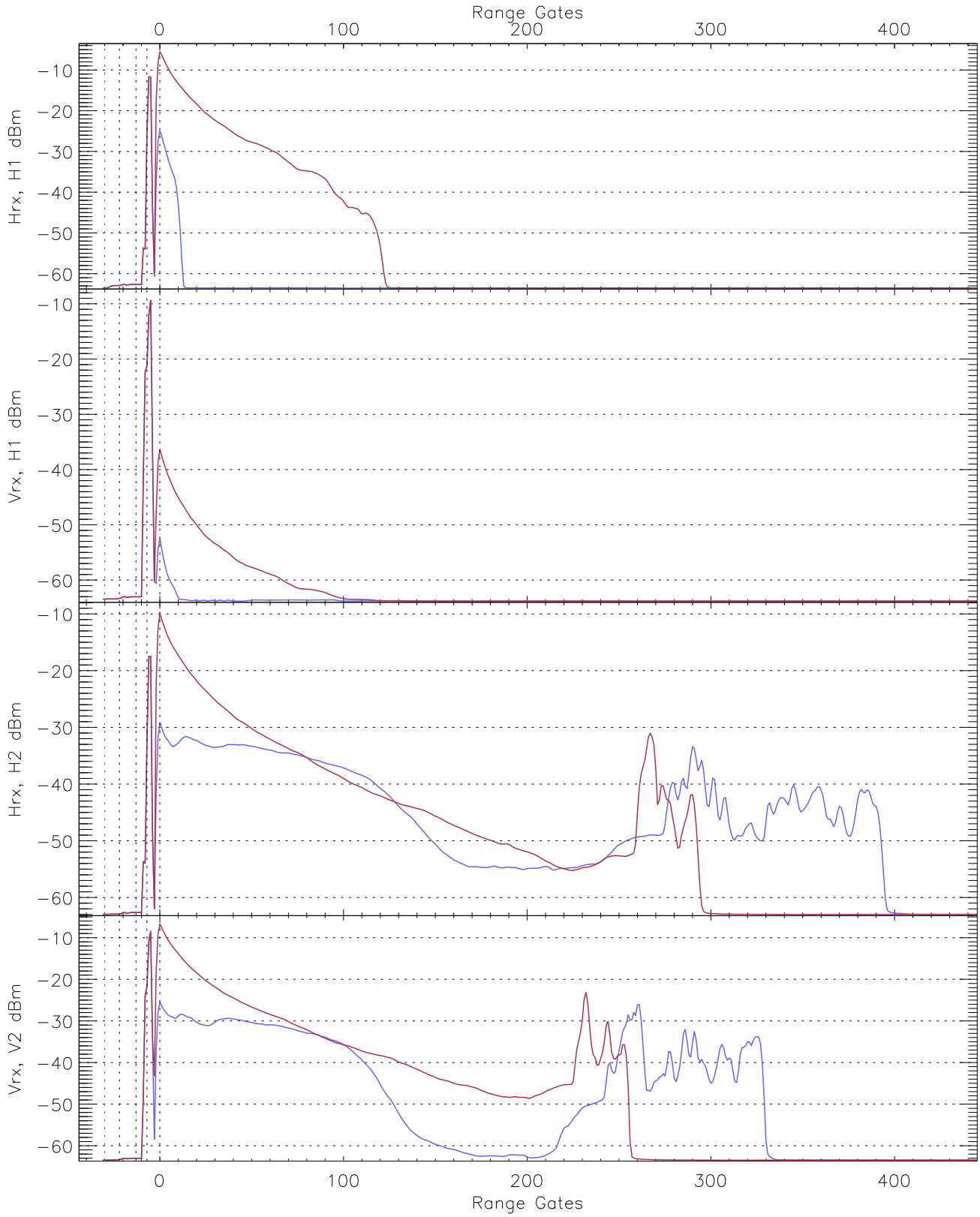
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-64.33	-62.67	-63.54	-63.54	-76.35
Vrx, H1(RM [dBm])	-64.33	-62.71	-63.45	-63.46	-76.35
Hrx, H2(RM [dBm])	-63.73	-62.25	-62.98	-62.98	-75.89
Vrx, V2(RM [dBm])	-64.22	-60.27	-63.46	-63.47	-75.98

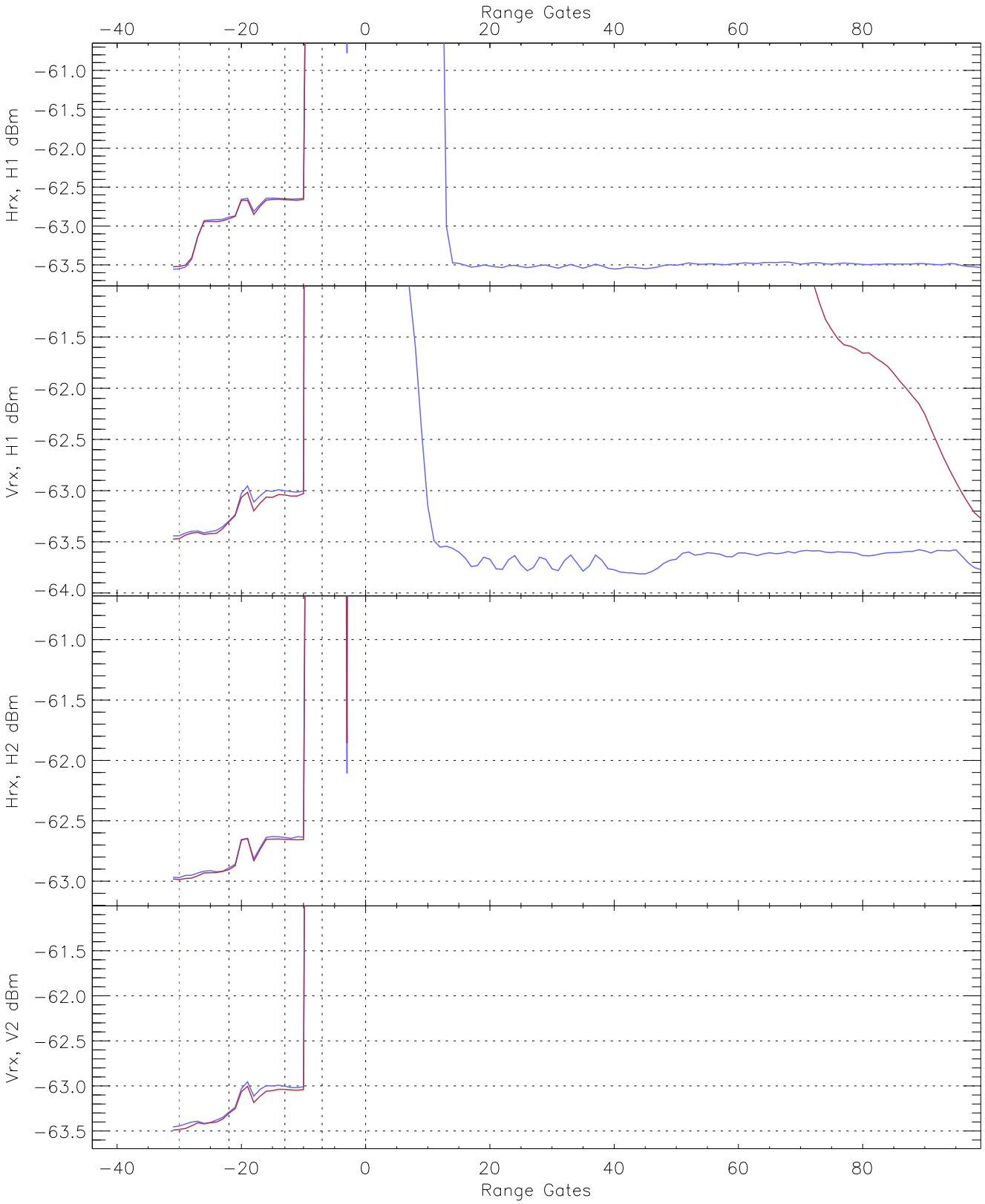


WCR2 CPP "Best" estimate Receivers Noise Power

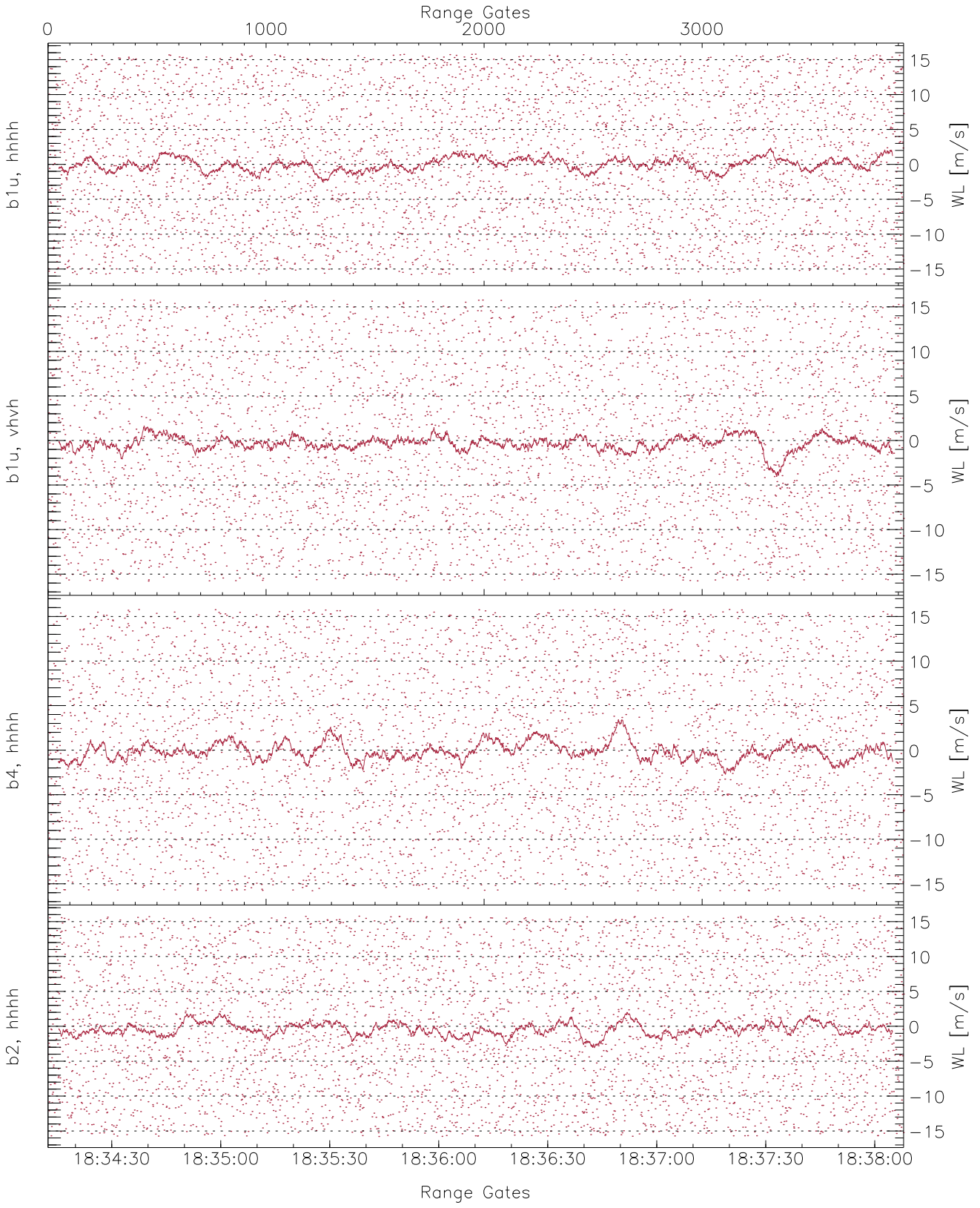
	Min	Max	Mean	Median	StDev
H1RG170_0 [dBm]	-64.42	-62.62	-63.56	-63.56	-76.40
H1RG169_0 [dBm]	-64.55	-63.06	-63.82	-63.83	-76.68
H2RG423_0 [dBm]	-63.69	-62.31	-62.99	-62.99	-75.94
V2RG369_0 [dBm]	-64.53	-62.35	-63.48	-63.48	-76.36



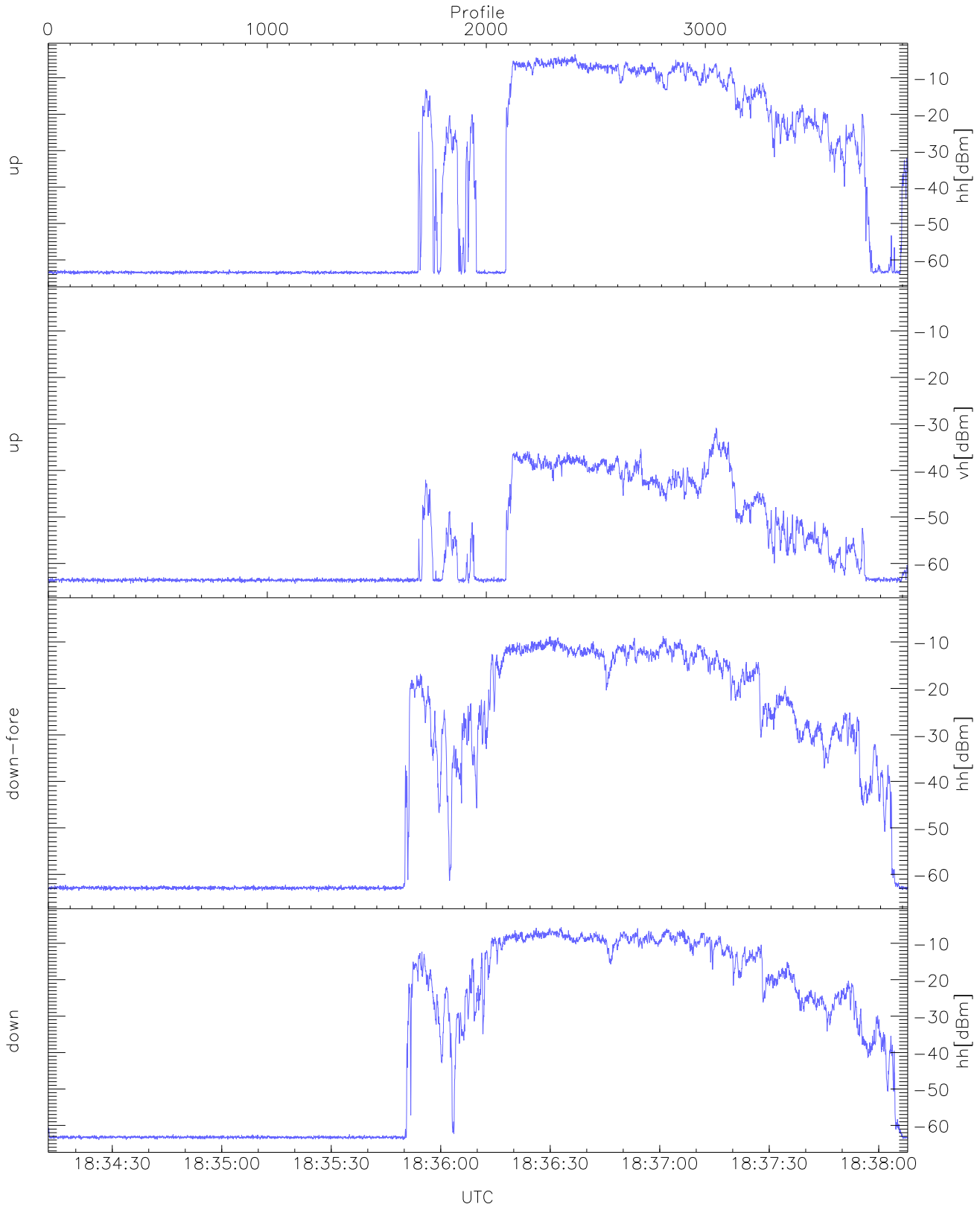
WCR2 CPP Averaged Received power for all recorded gates
blue: 183412-183610, 1963 profiles averaged
red: 183610-183808, 1963 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 183412-183610, 1963 profiles averaged
red: 183610-183808, 1963 profiles averaged

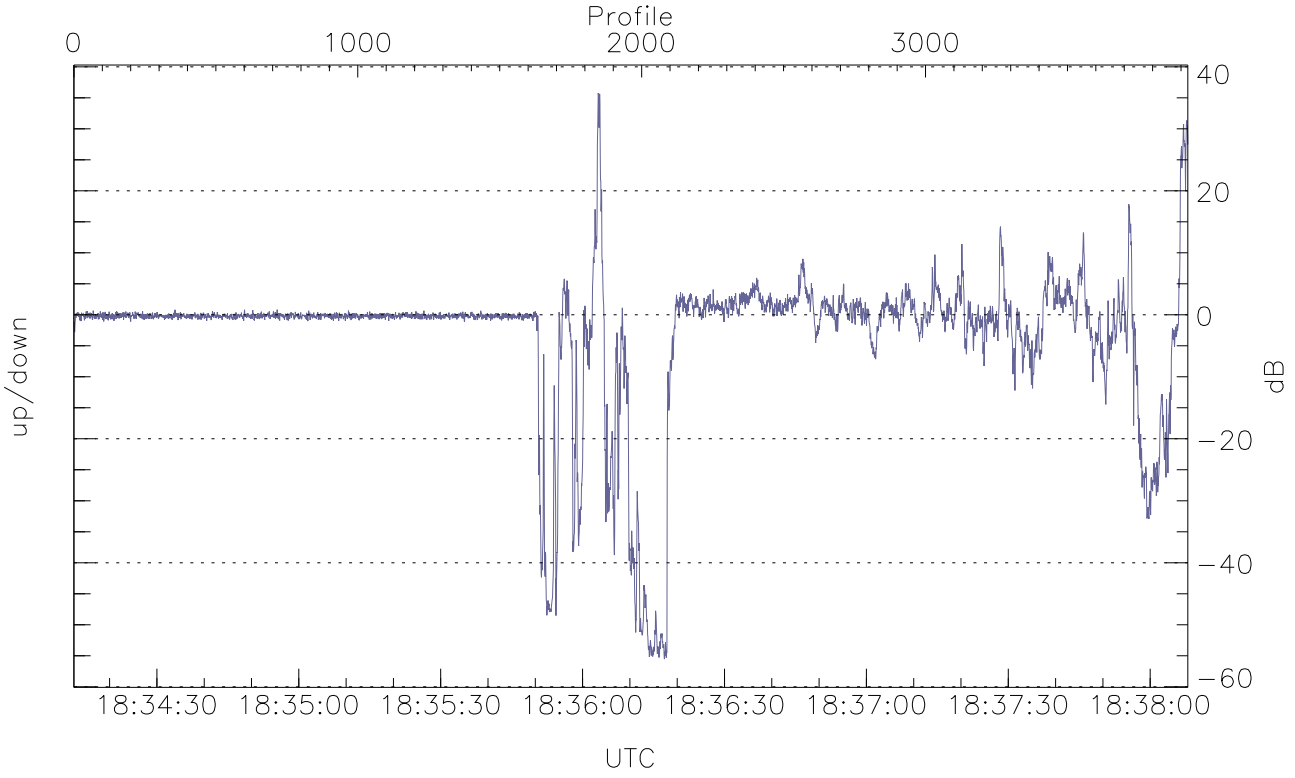


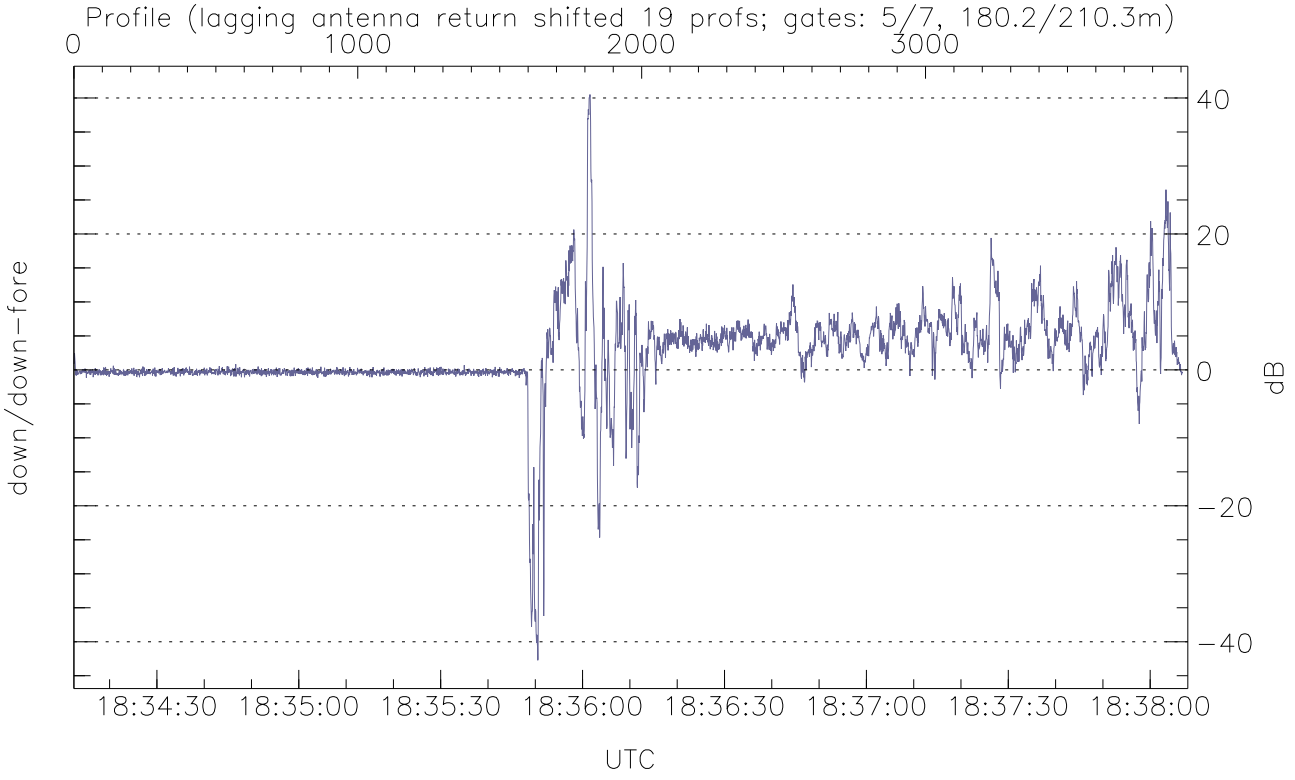
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

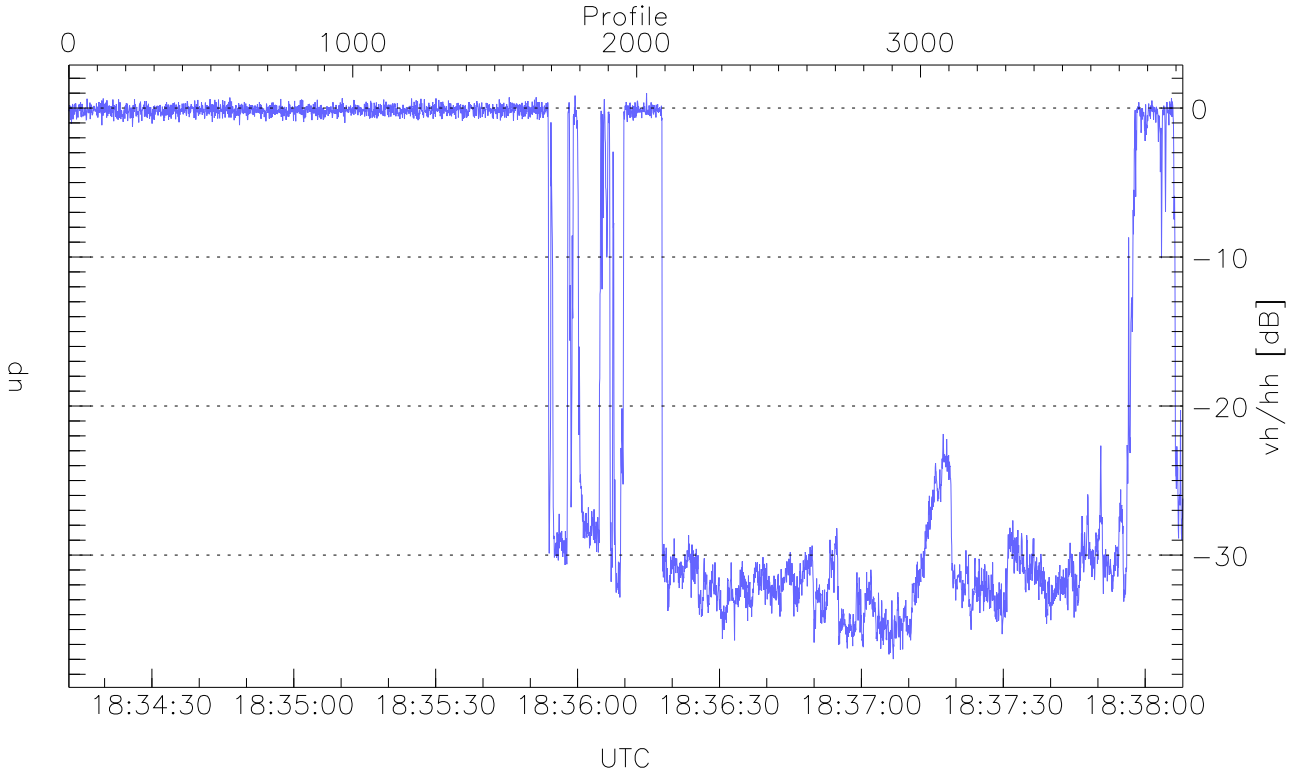
	Min	Max	Mean
up(hh[dBm])	-64.08	-3.55	-12.97
up(vh[dBm])	-64.35	-30.86	-44.42
down-fore(hh[dBm])	-63.73	-8.72	-17.38
down(hh[dBm])	-63.99	-5.62	-13.86





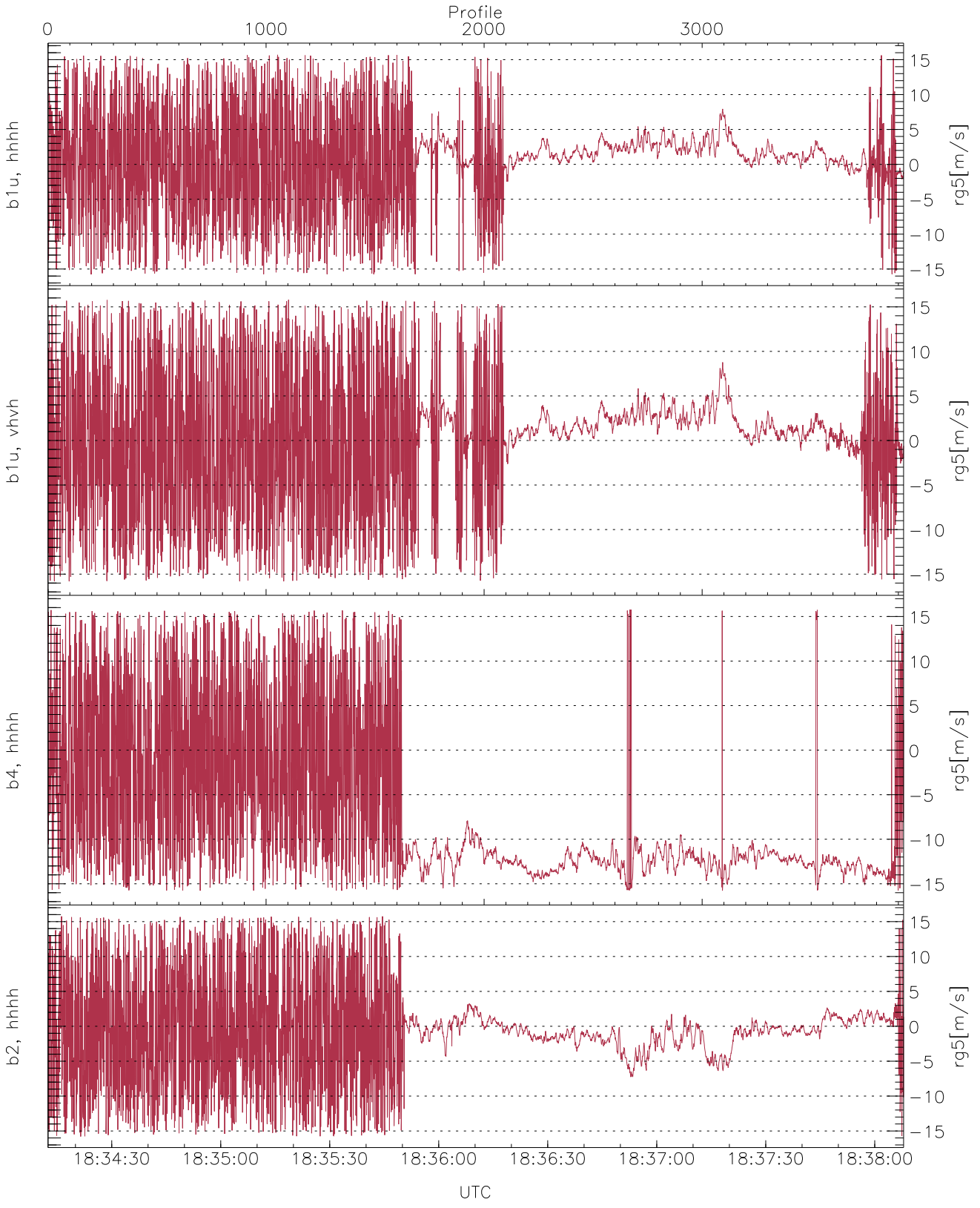
WCR2 Beam pairs Received Power Ratio(s); RangeGate: 5 (180 m)

	Min	Max	Mean
up/down(dB)	-55.53	35.73	-3.24
down/down-fore(dB)	-42.72	40.51	2.59



WCR2 Co- and Cross-pol Received Power Ratio(s); RangeGate: 5 (180 m)

	Min	Max	Mean
up(vh/hh [dB])	-36.98	0.99	-3.07



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.77	15.70	0.79	6.02
b1u, vhvh(rg5[m/s])	-15.79	15.78	0.51	6.76
b4, hhhh(rg5[m/s])	-15.78	15.77	-7.29	8.53
b2, hhhh(rg5[m/s])	-15.80	15.77	-0.76	6.18