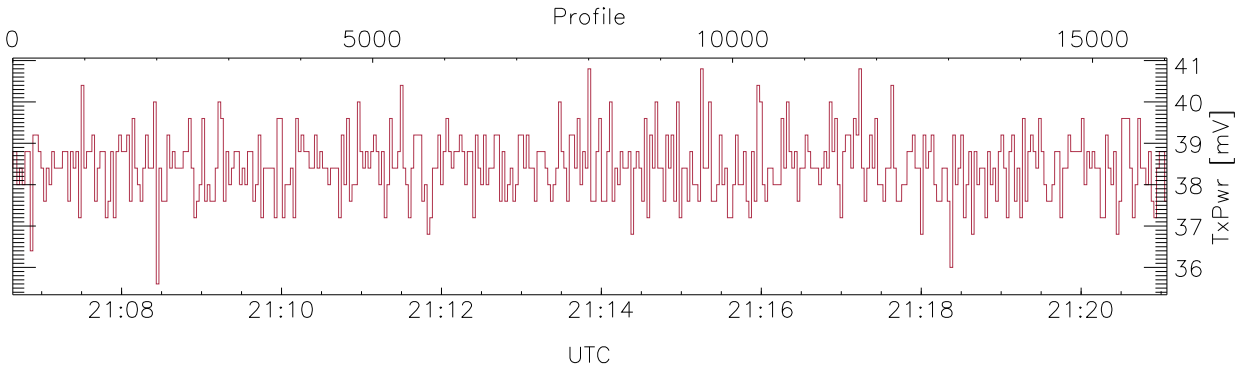
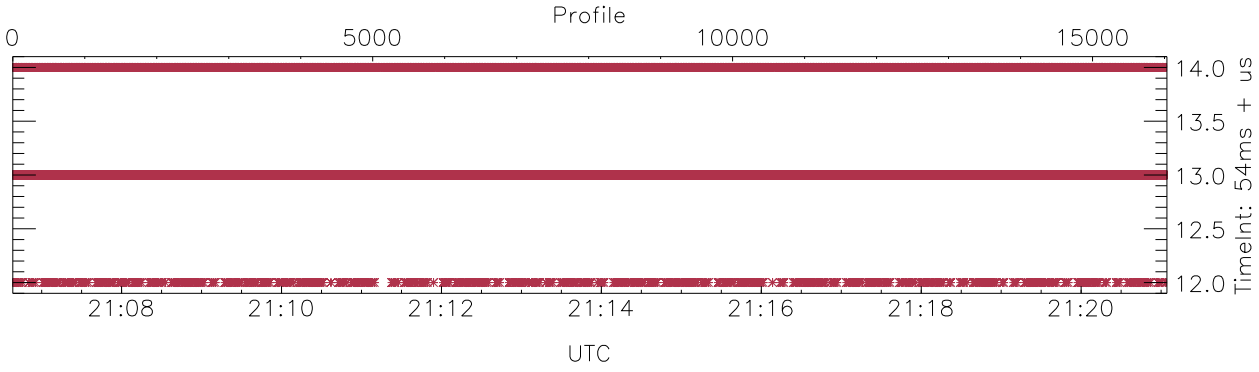
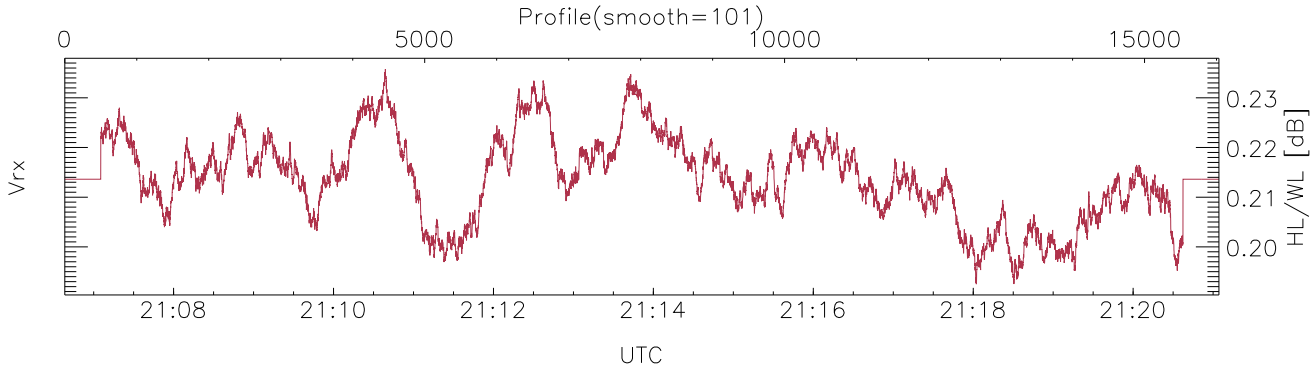
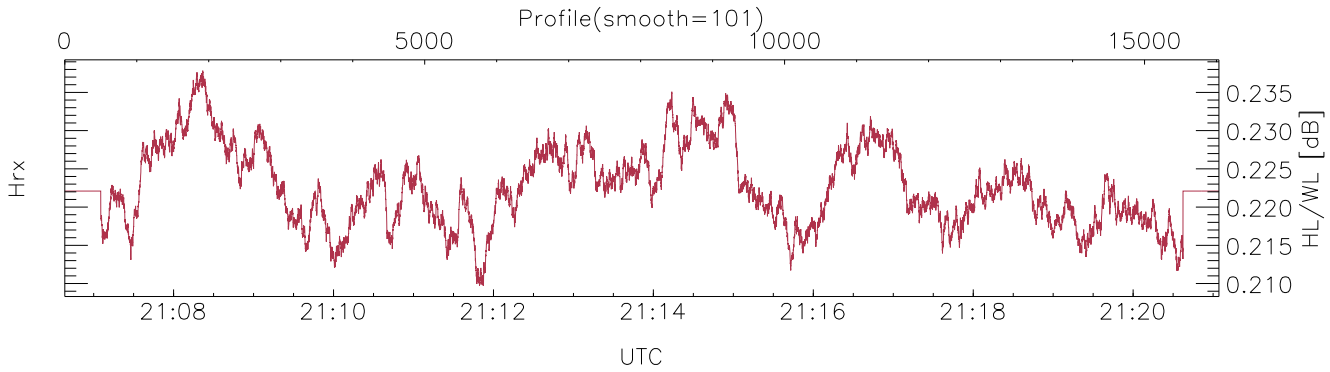


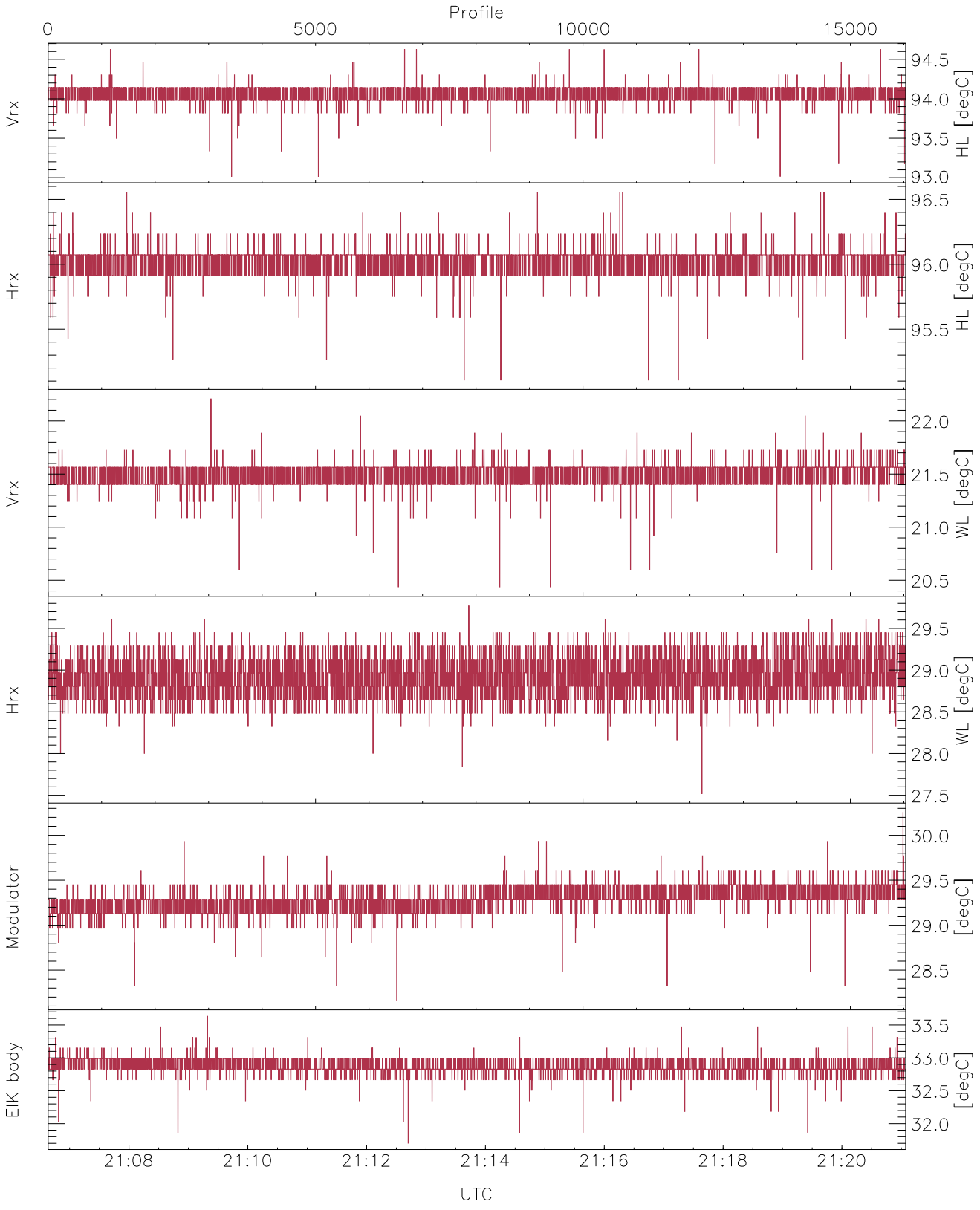






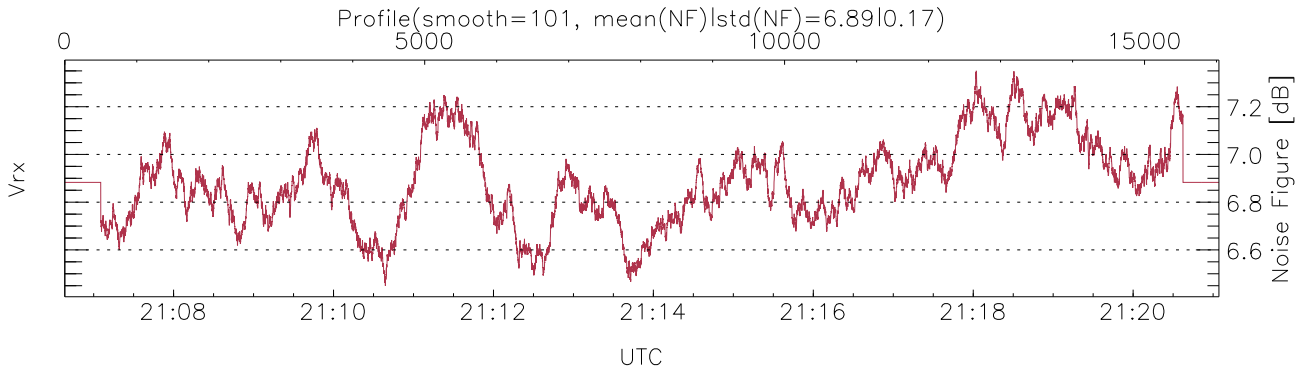
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

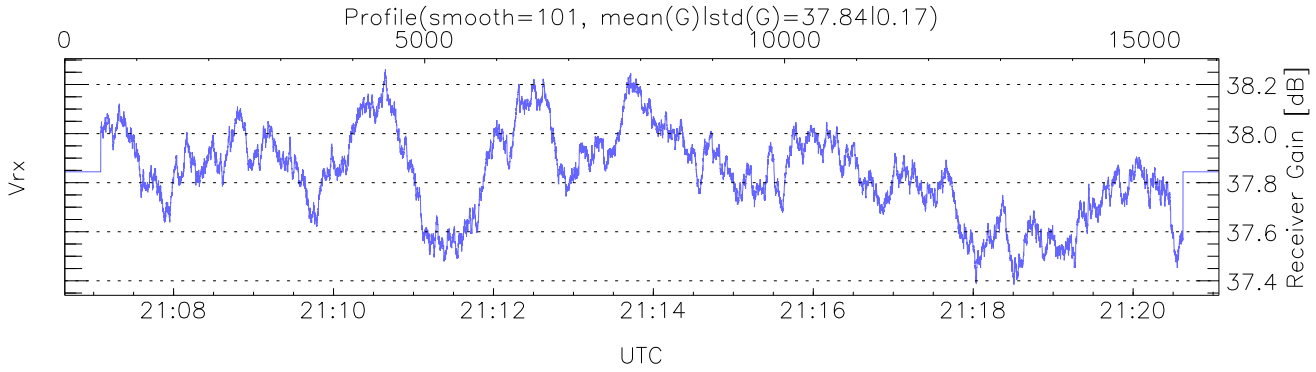
UTC: 21:06:38-21:21:04, Dur: 866.05s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 54.0,54.0,54.0,0.0 ms / 19,19,19
NumRec(r/t): 16035/16035, 0-16034/21:06:38-21:21:04
AcqTime: 54.0ms, Rate: 287KB/s, Averages: 180
Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2
PRF: 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us
Range(min,max,rgs): 105,6037,15.0 m, Gates: 396, Aspect: 3.1
Mirror(-9|0|1|2,3,9x = no mirror|sideluplerror): 1

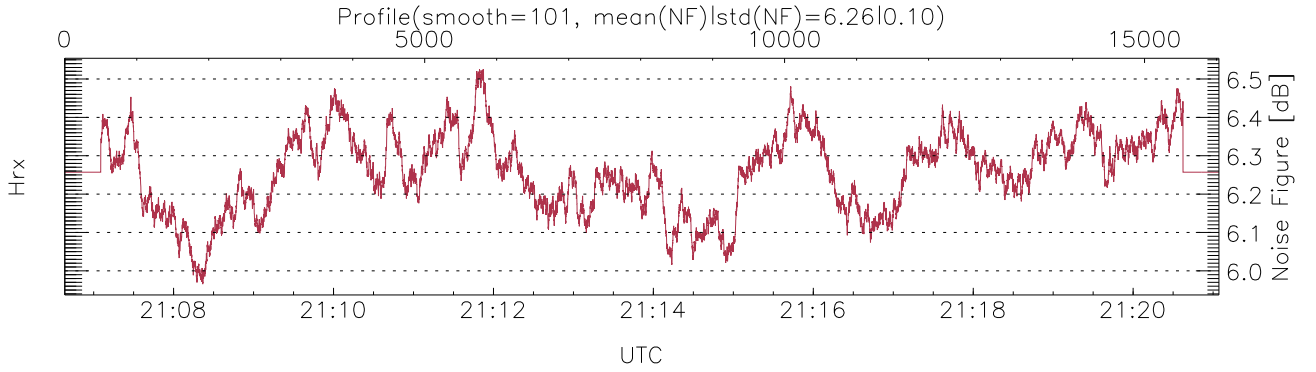


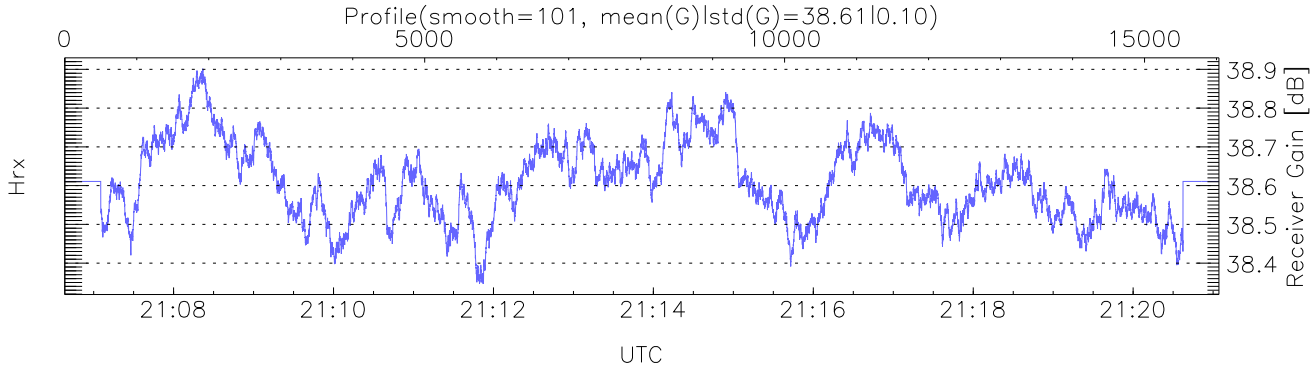
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,20,27,28,31
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,22,29,30,33
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (19,19,19,19,14,15)



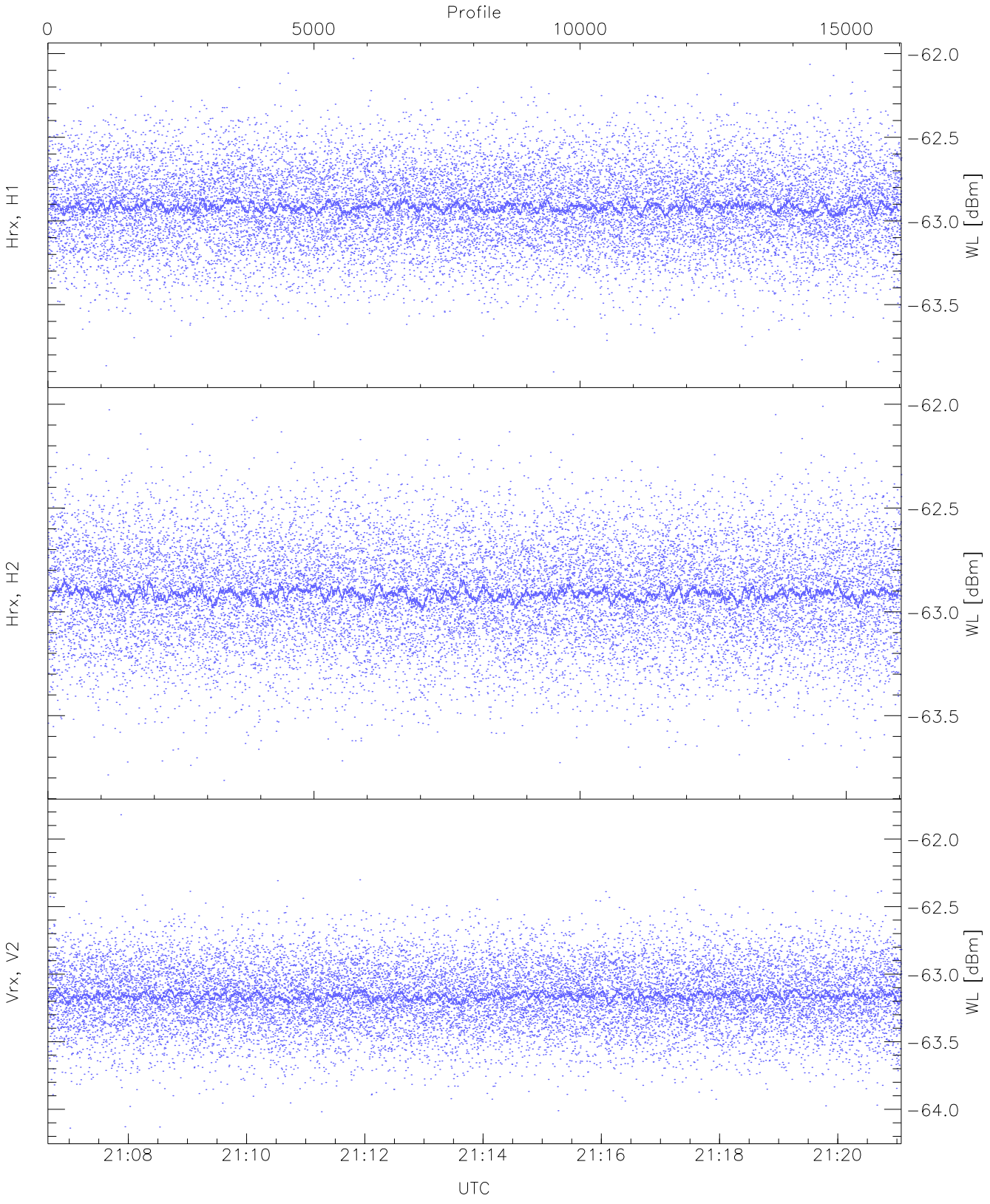






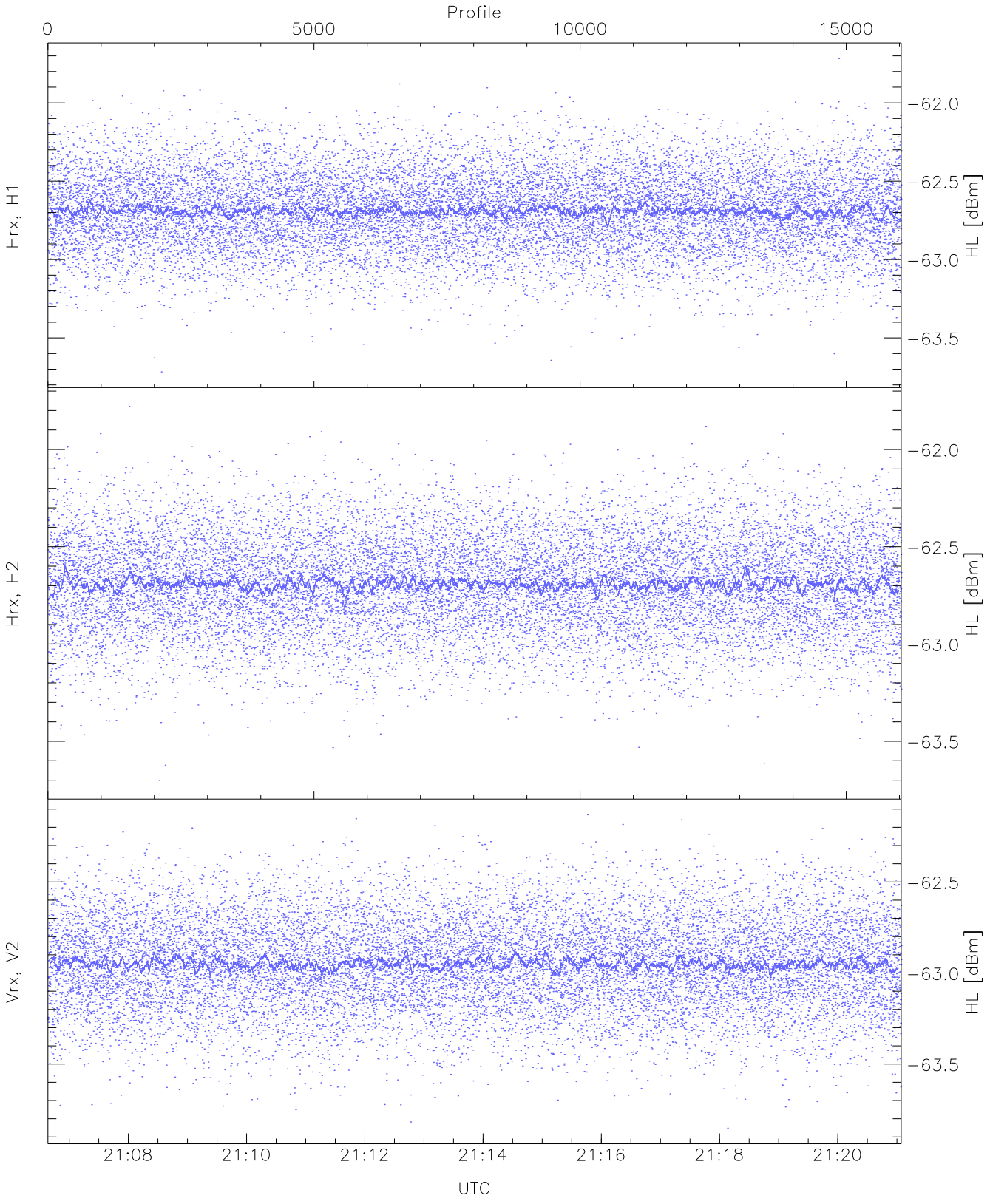
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 1378 pixs, 69 gates, 1349 profs, 2 prods



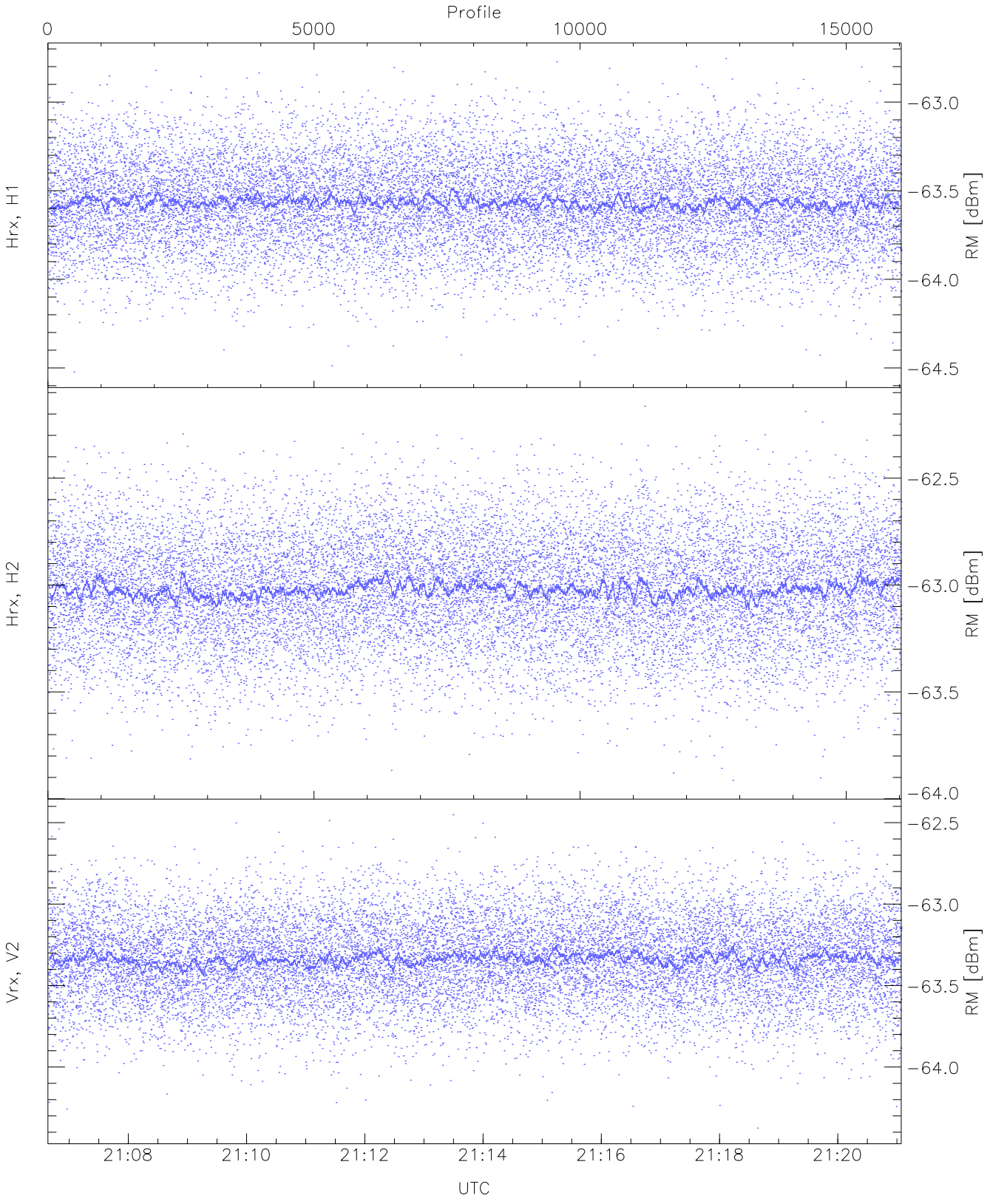
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.90	-62.03	-62.91	-62.92	-75.67
Hrx, H2(WL [dBm])	-63.81	-62.01	-62.91	-62.91	-75.65
Vrx, V2(WL [dBm])	-64.14	-61.82	-63.16	-63.17	-75.85



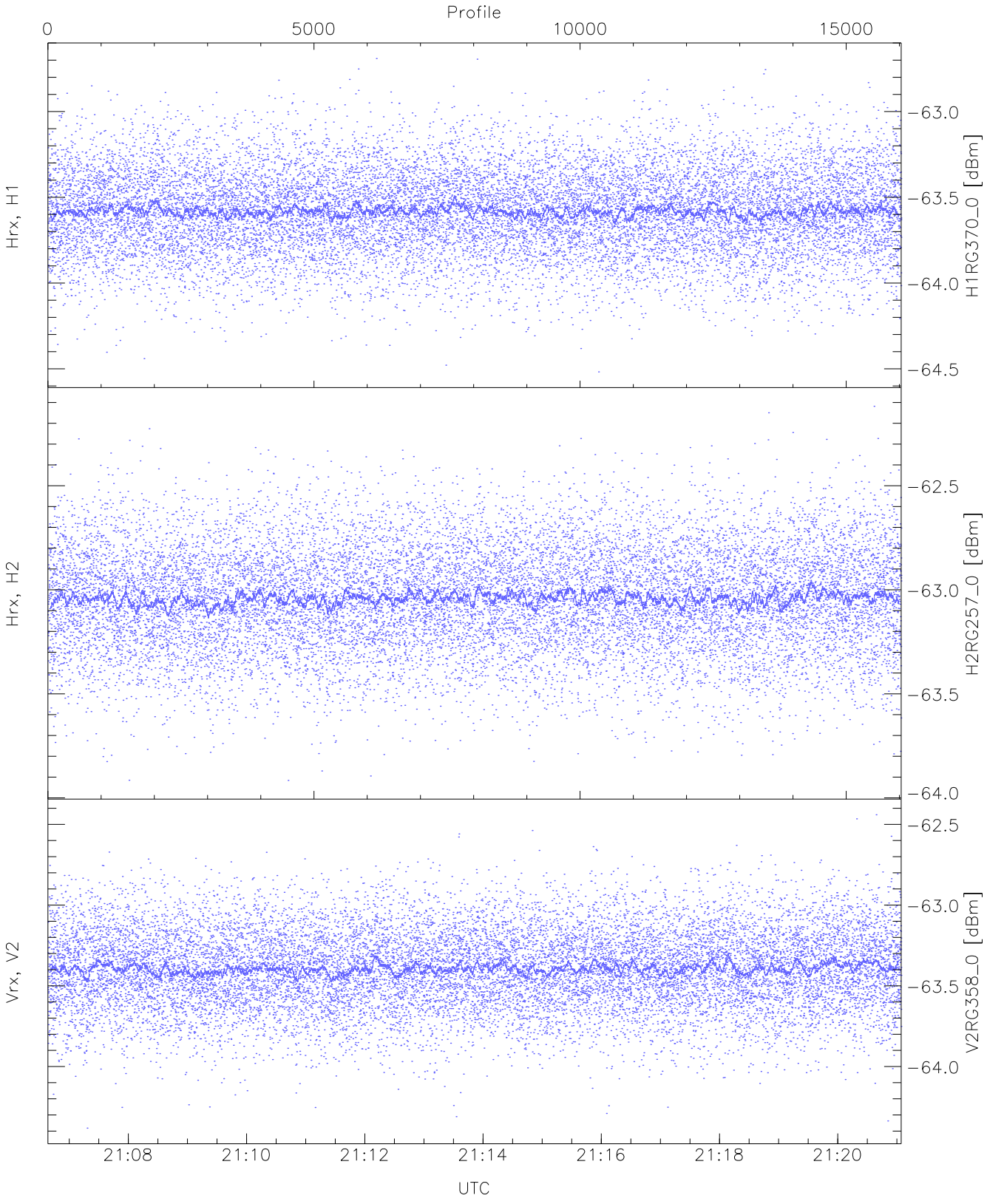
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-63.72	-61.72	-62.69	-62.69	-75.38
Hrx, H2(HL [dBm])	-63.70	-61.78	-62.69	-62.69	-75.42
Vrx, V2(HL [dBm])	-63.85	-62.13	-62.95	-62.95	-75.63



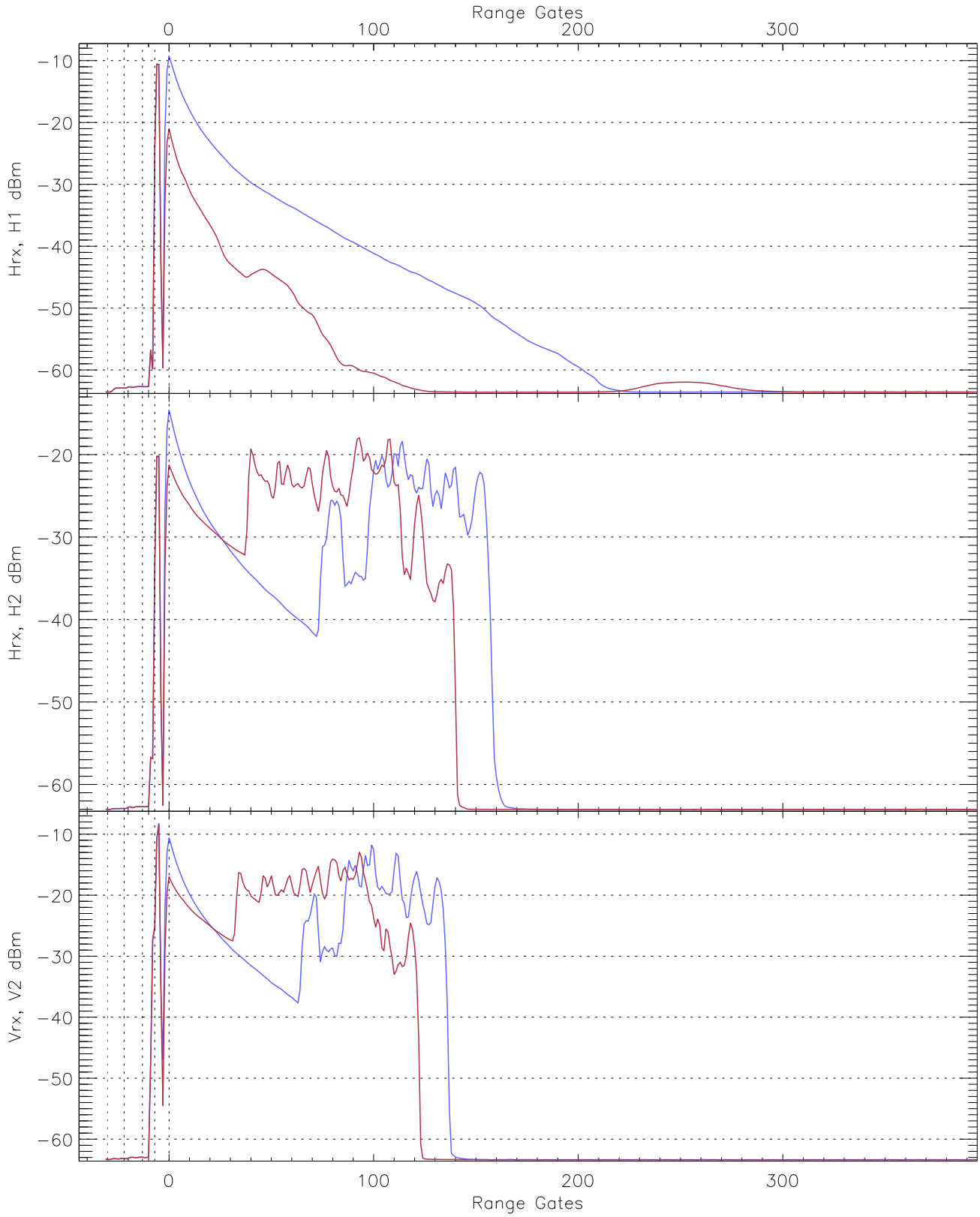
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-64.52	-62.75	-63.56	-63.57	-76.26
Hrx, H2(RM [dBm])	-63.91	-62.16	-63.02	-63.02	-75.72
Vrx, V2(RM [dBm])	-64.37	-62.45	-63.33	-63.34	-76.01

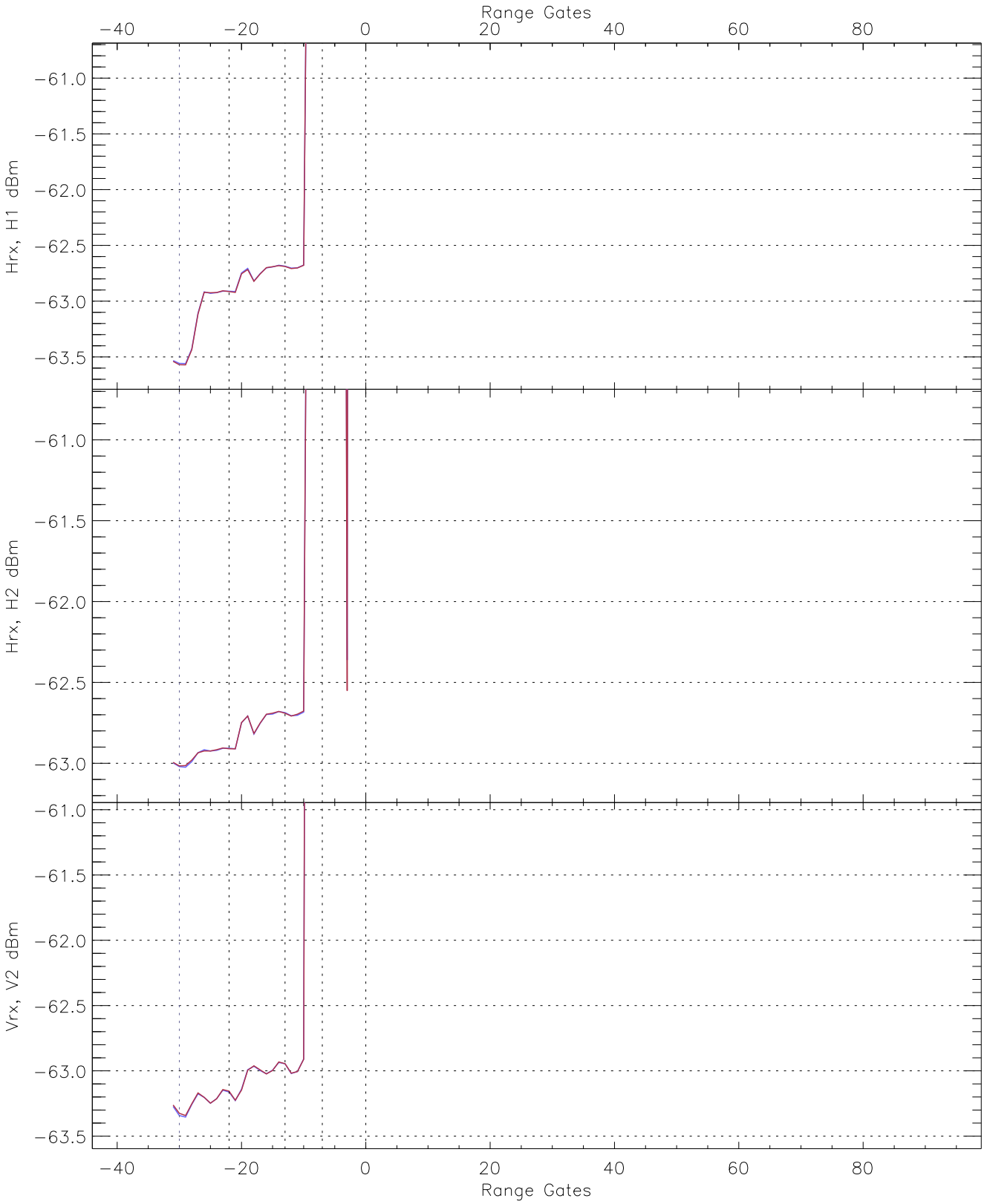


WCR2 CPP "Best" estimate Receivers Noise Power

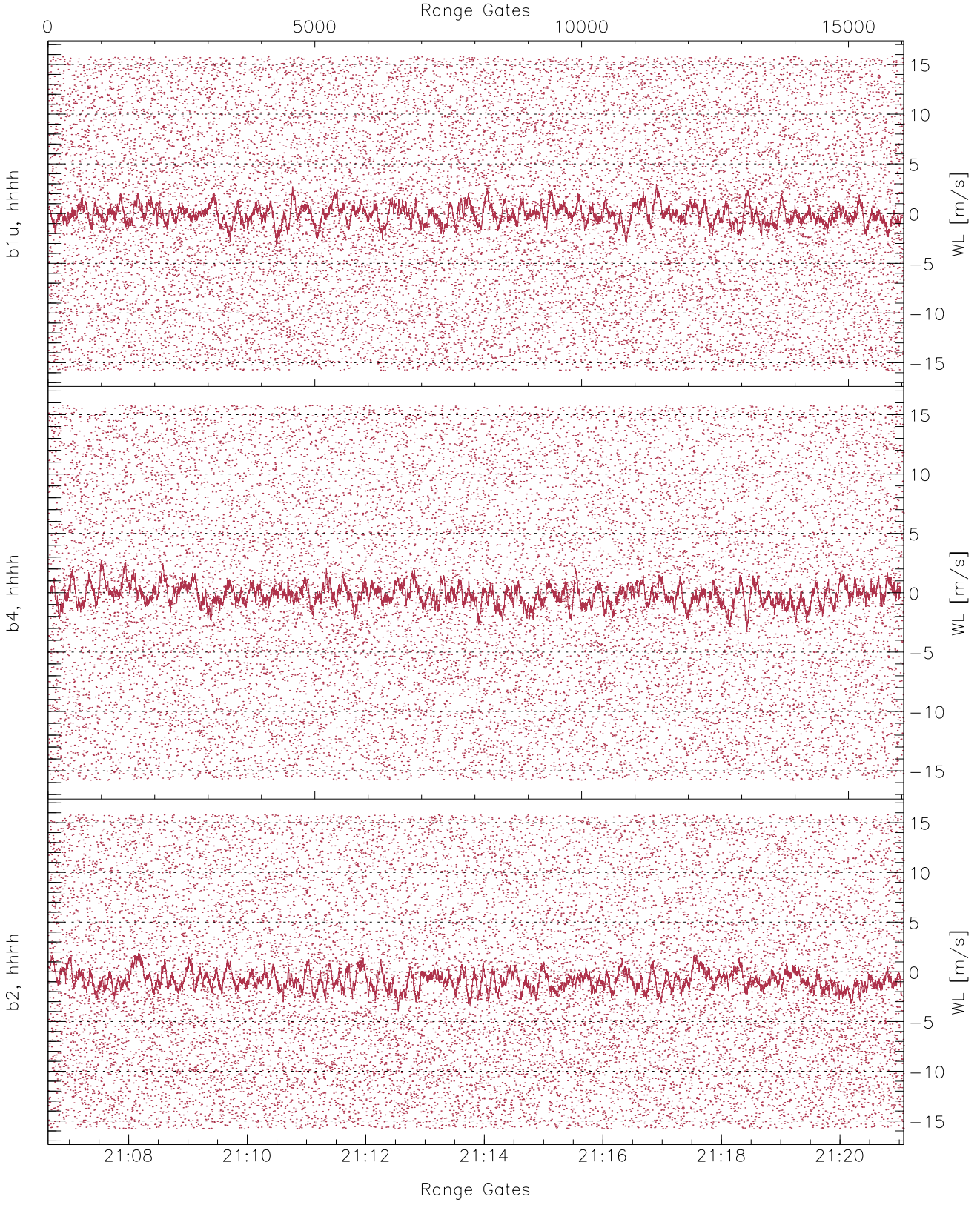
	Min	Max	Mean	Median	StDev
H1RG370_0 [dBm]	-64.52	-62.69	-63.58	-63.58	-76.28
H2RG257_0 [dBm]	-63.92	-62.12	-63.04	-63.04	-75.71
V2RG358_0 [dBm]	-64.38	-62.44	-63.39	-63.40	-76.08



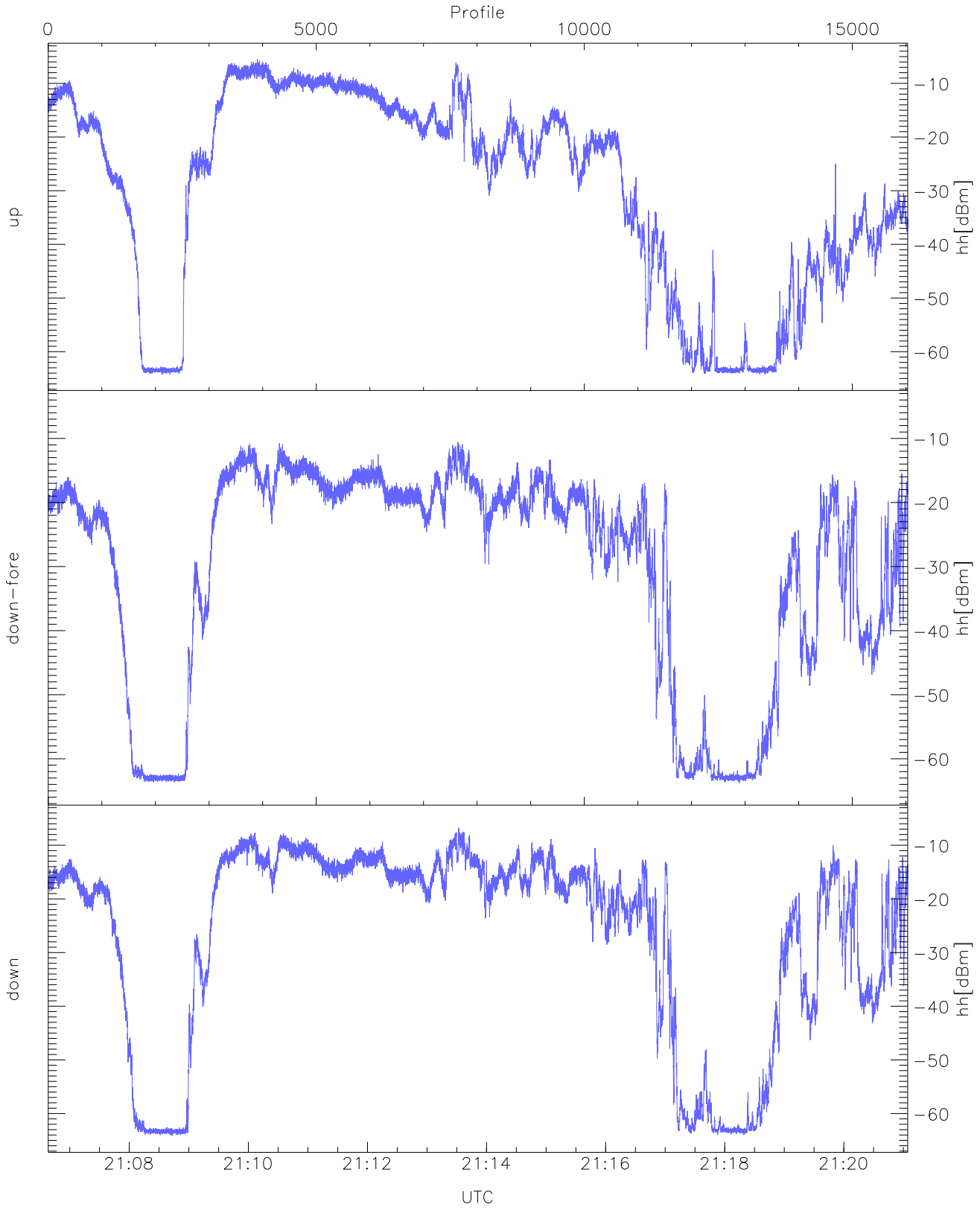
WCR2 CPP Averaged Received power for all recorded gates
blue: 210638-211351, 8018 profiles averaged
red: 211351-212104, 8018 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 210638-211351, 8018 profiles averaged
red: 211351-212104, 8018 profiles averaged

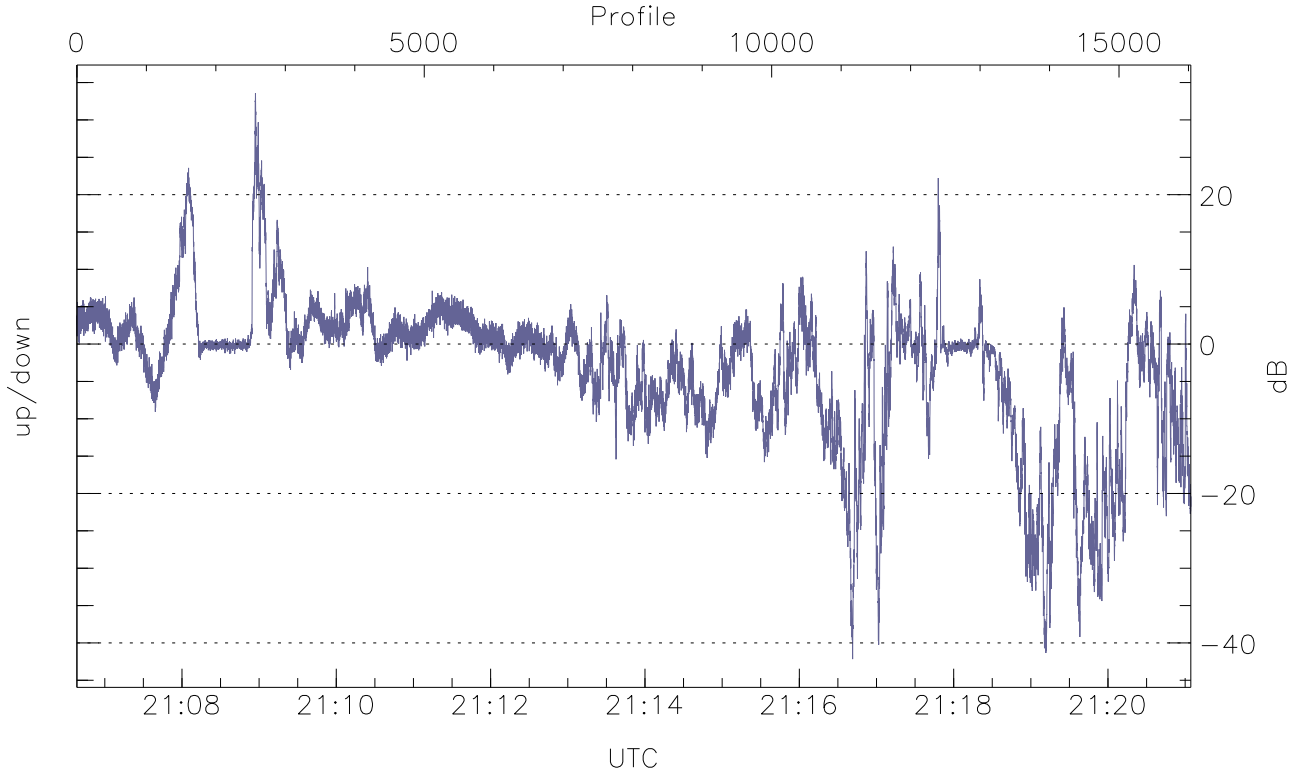


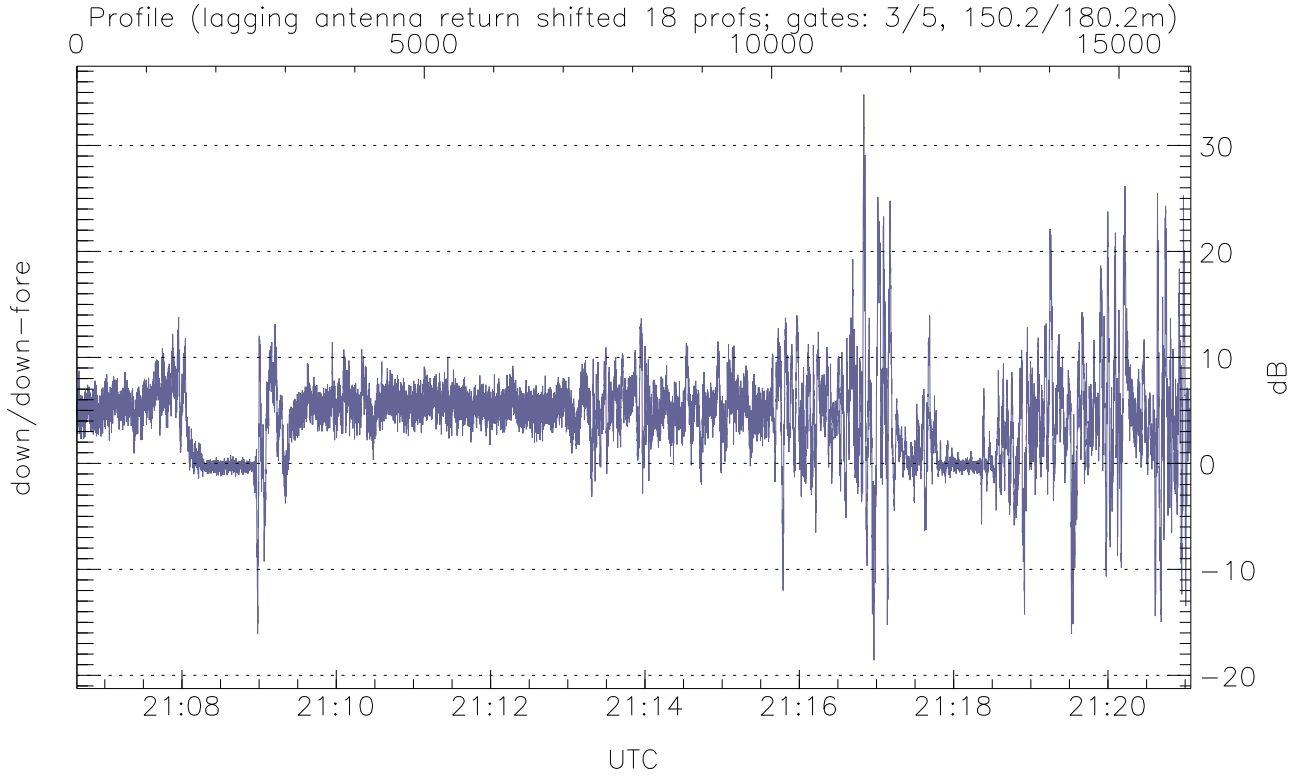
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

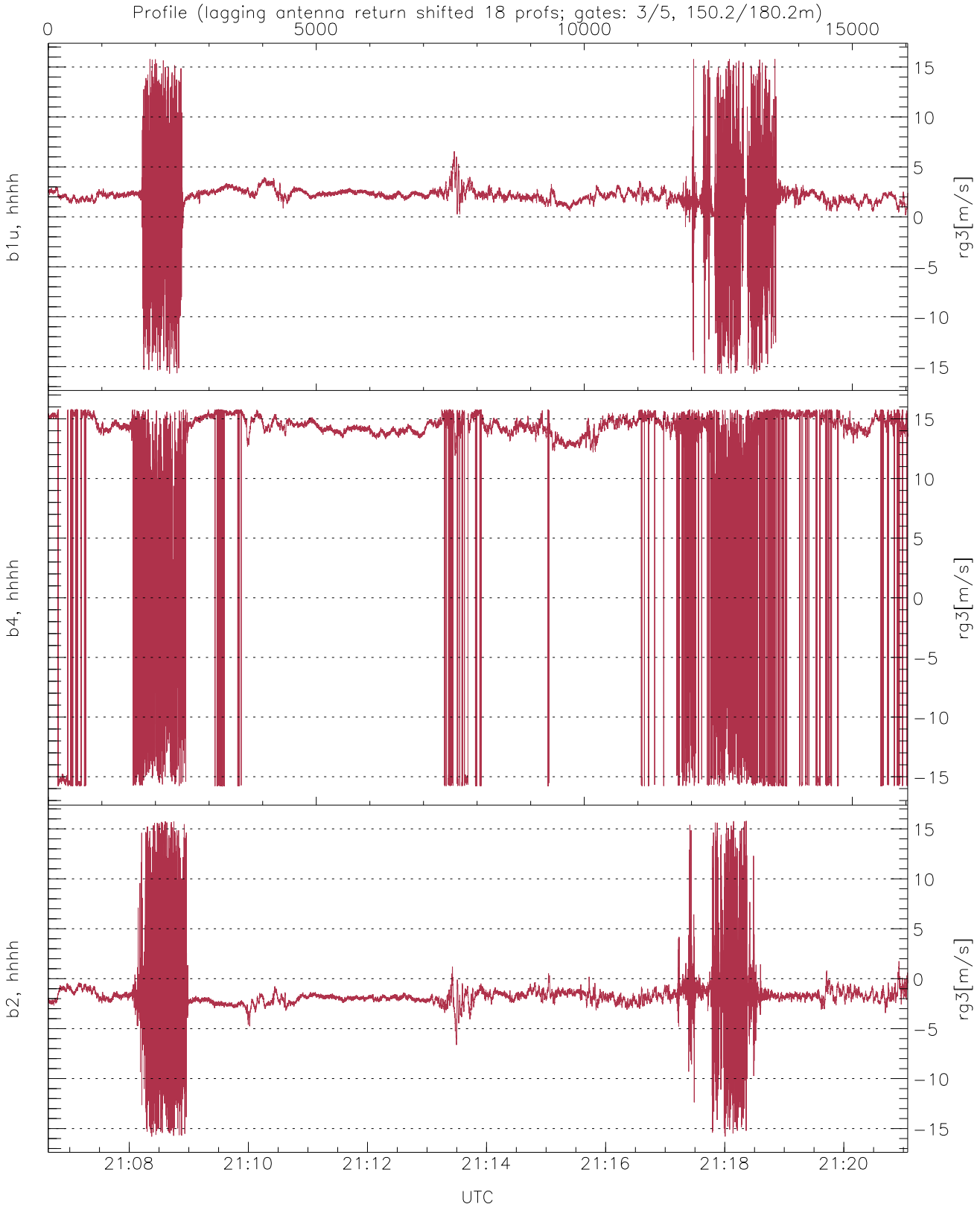
	Min	Max	Mean
up(hh[dBm])	-64.29	-5.46	-15.21
down-fore(hh[dBm])	-63.83	-10.63	-19.60
down(hh[dBm])	-64.15	-6.76	-15.85





WCR2 Beam pairs Received Power Ratio(s); RangeGate: 3 (150 m)

	Min	Max	Mean
up/down(dB)	-42.16	33.56	-3.14
down/down-fore(dB)	-18.58	34.80	4.35



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.72	15.79	1.90	2.77
b4, hhhh(rg3[m/s])	-15.80	15.80	11.00	8.96
b2, hhhh(rg3[m/s])	-15.80	15.80	-1.67	2.65