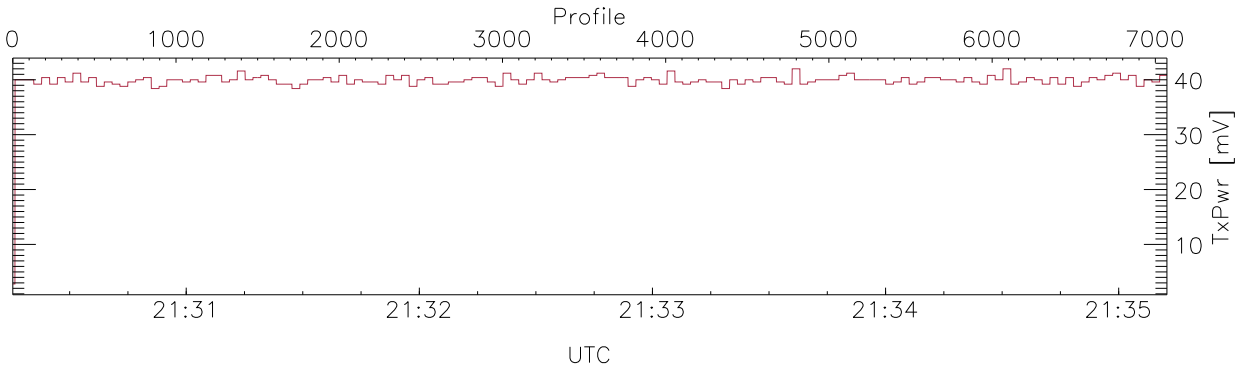
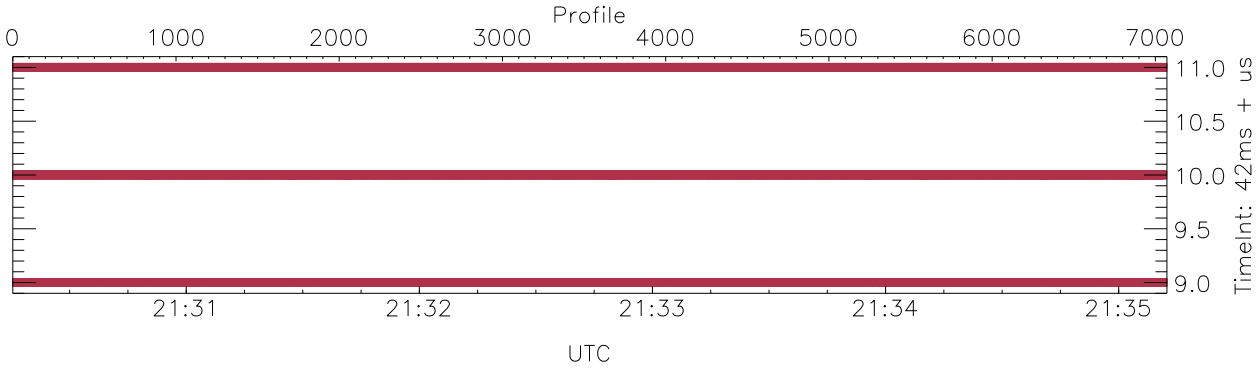
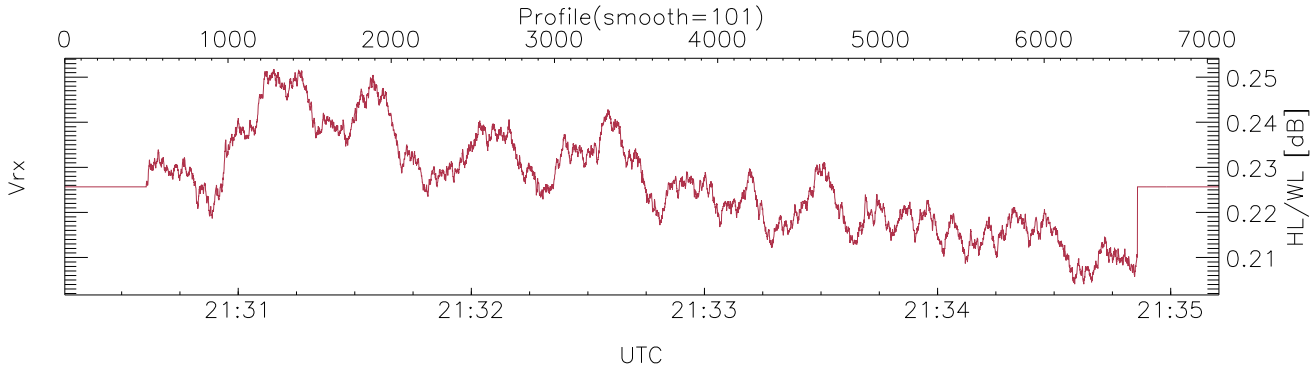
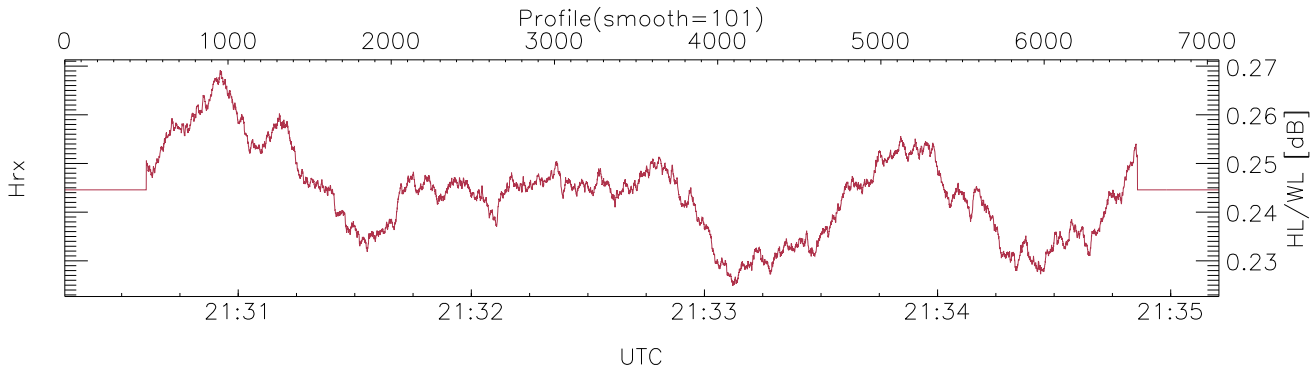


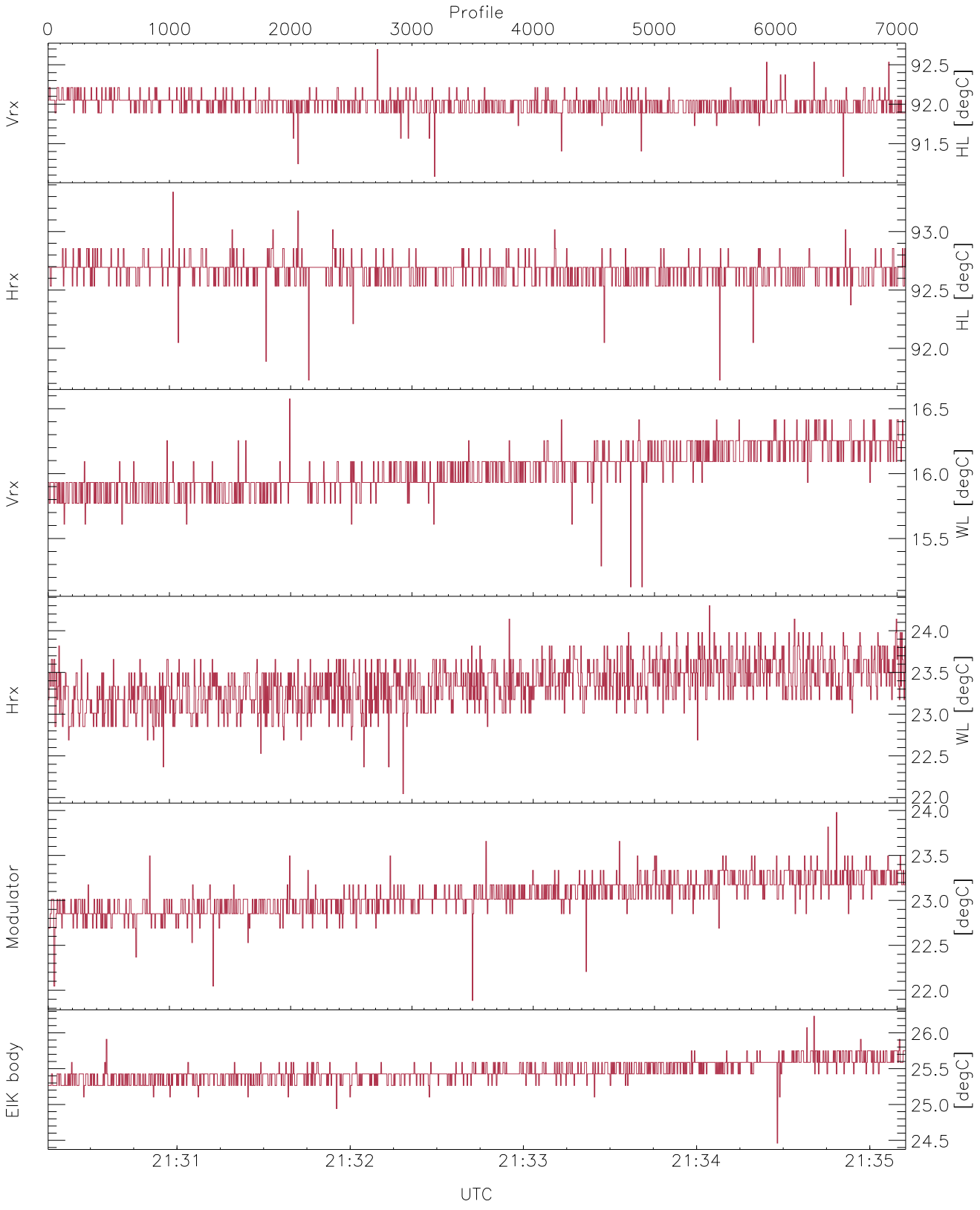






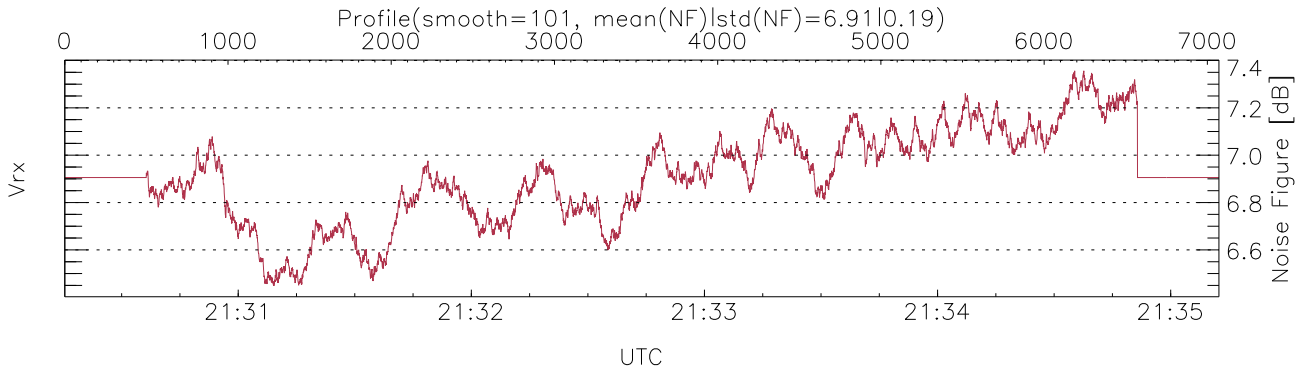
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

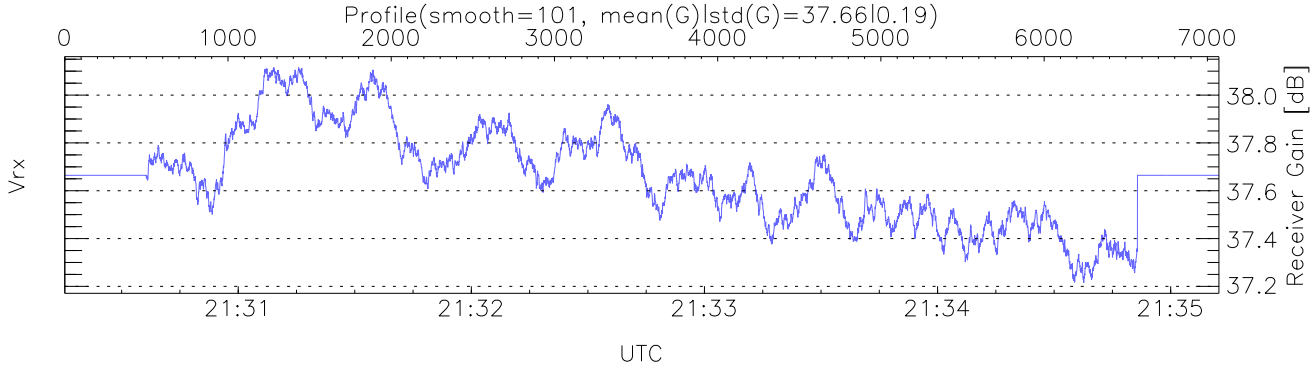
UTC: 21:30:15-21:35:12, Dur: 297.06s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 42.0,42.0,42.0,0.0 ms / 24,24,24
NumRec(r/t): 7072/7072, 0-7071/21:30:15-21:35:12
AcqTime: 42.0ms, Rate: 461KB/s, Averages: 140
Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
PRF: 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us
Range(min,max,rgs): 97,3634,7.5 m, Gates: 472, Aspect: 2.0
Mirror(-9|0|1|2,3,9x = no mirror|sideluplerror): 3

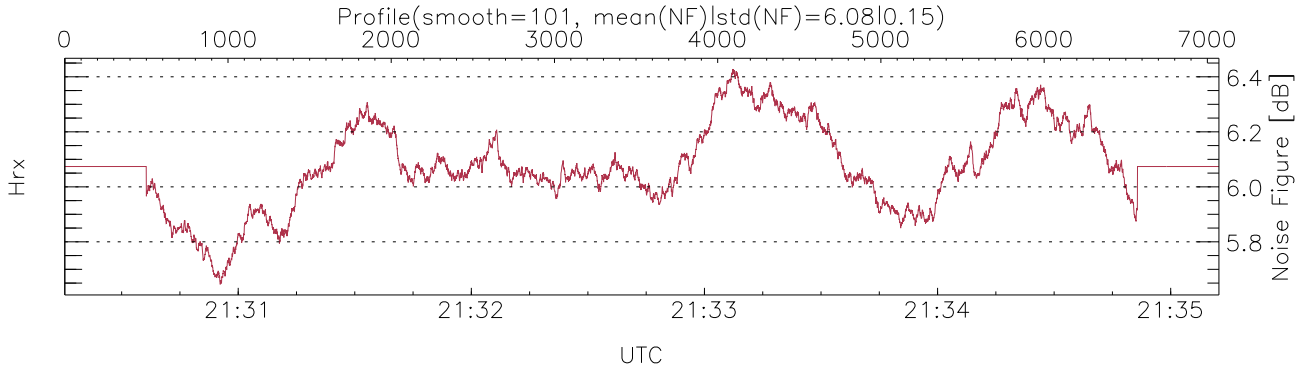


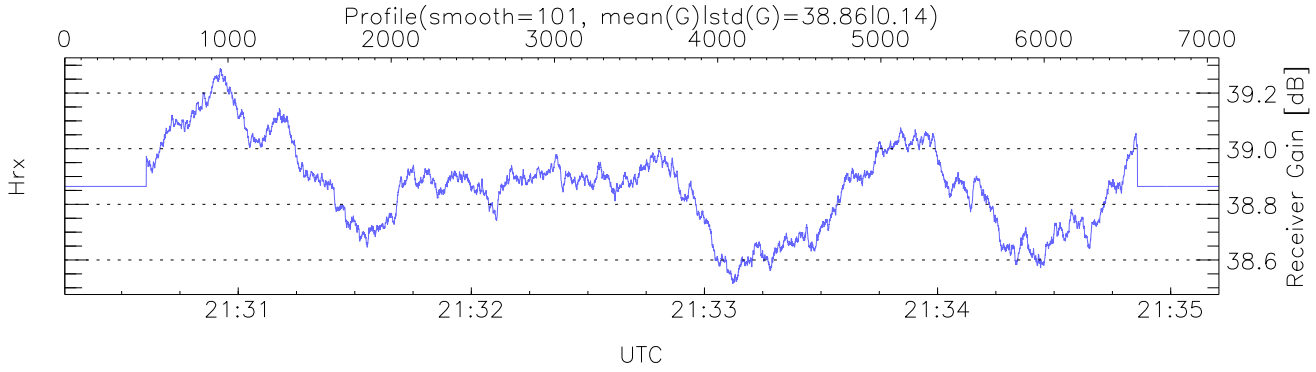
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,91,15,22,21,24
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,16,24,23,26
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
HVPS (6)



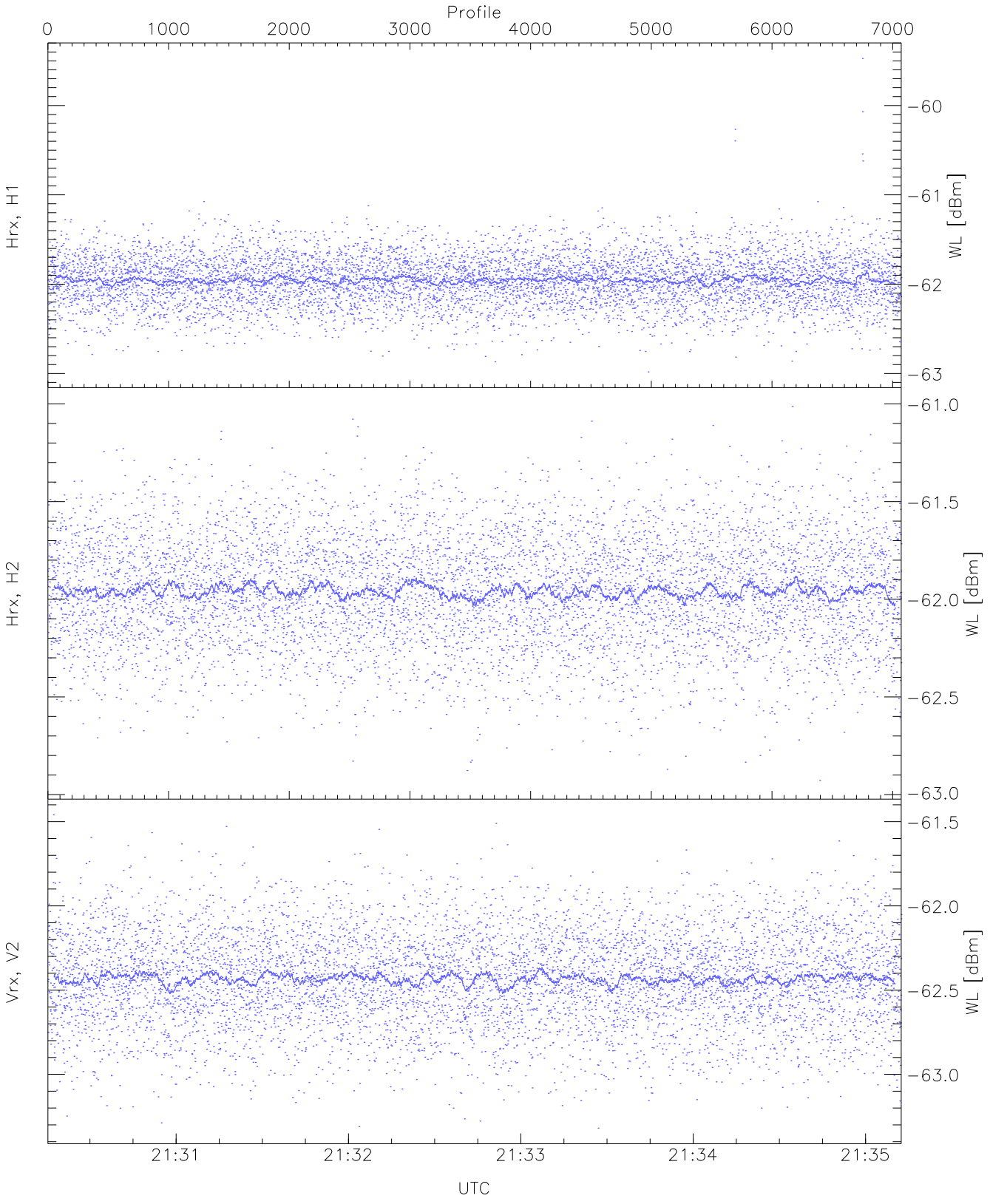






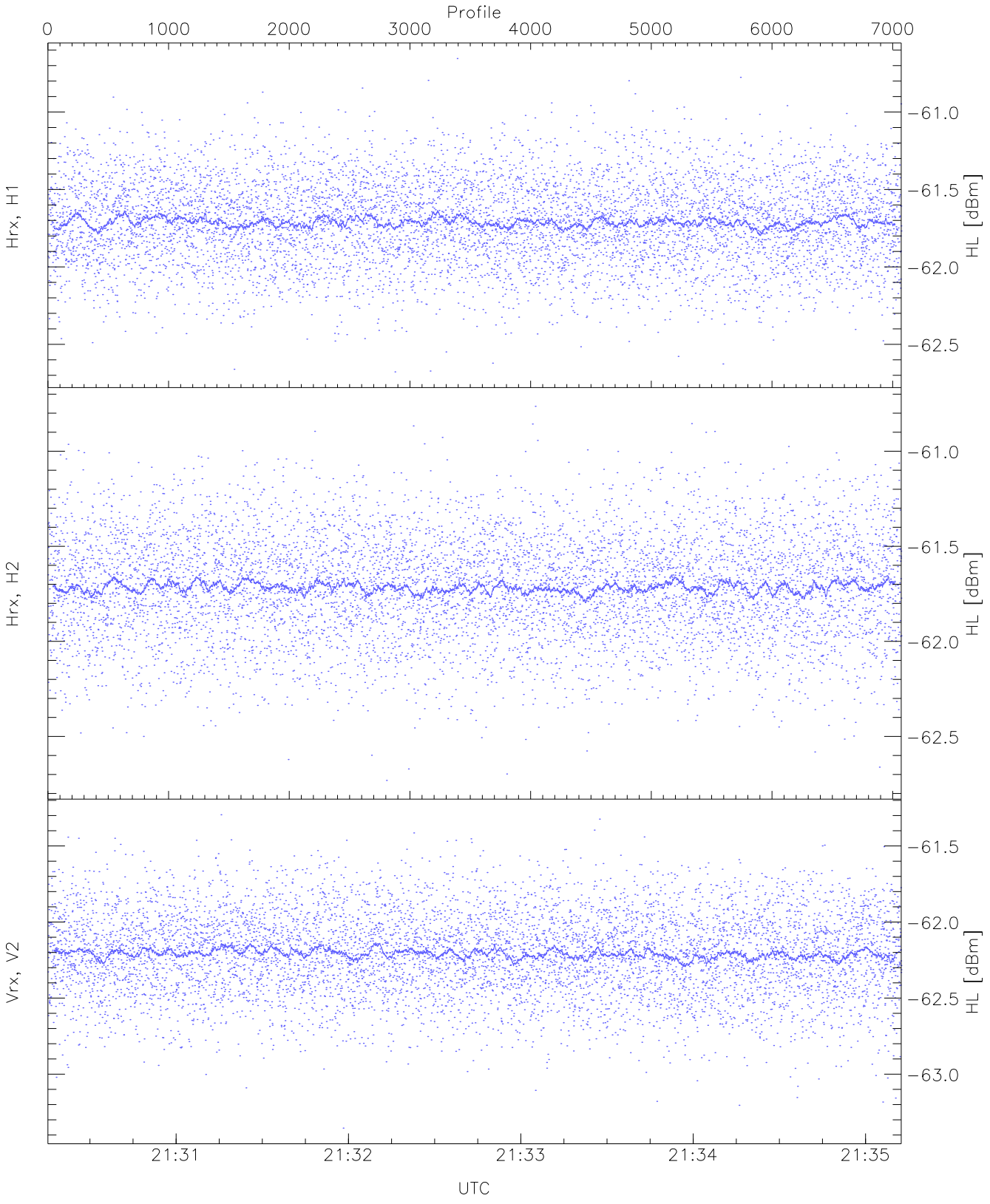
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 2 pixs, 2 gates, 2 profs, 1 prods



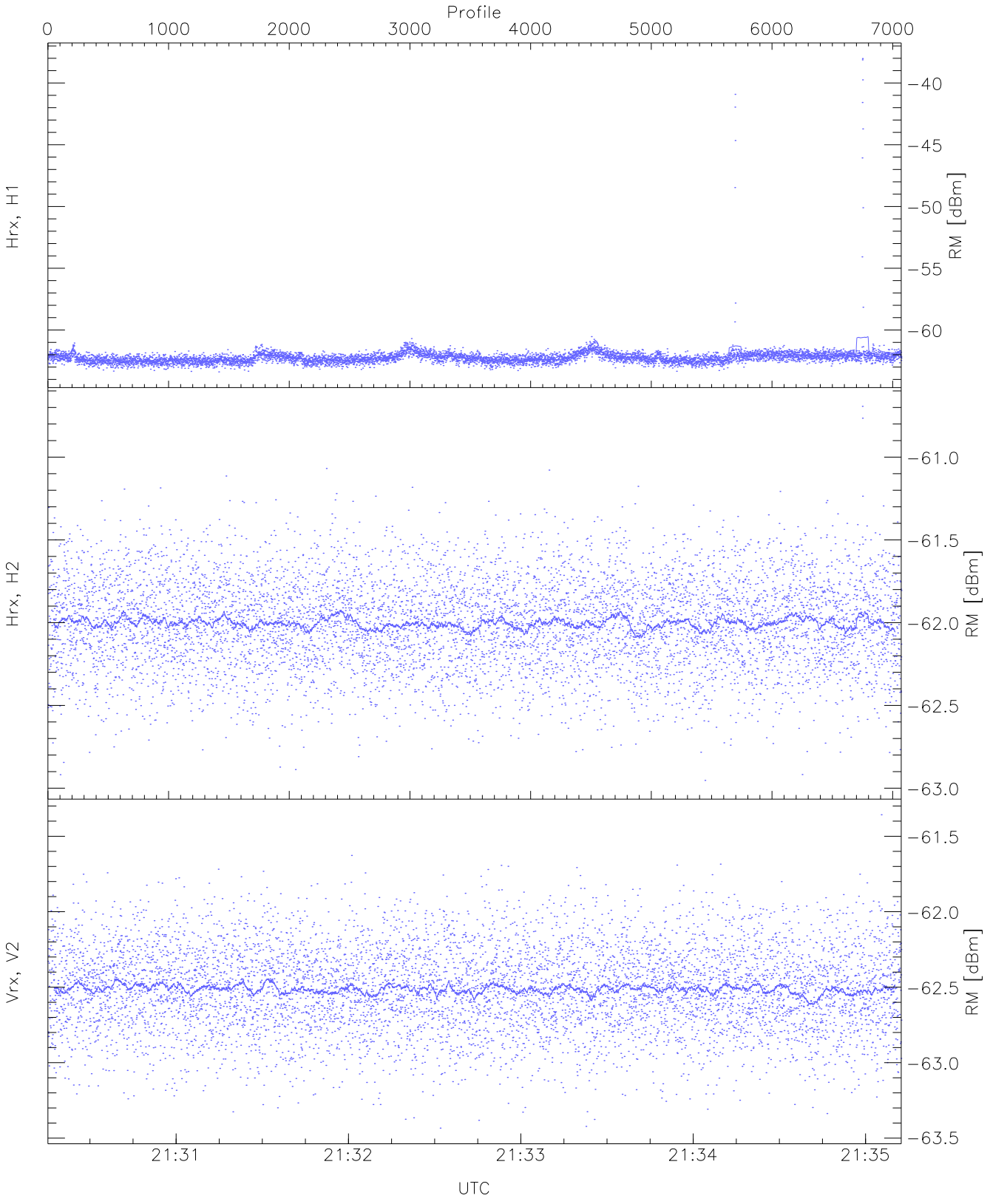
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.98	-59.47	-61.95	-61.95	-74.00
Hrx, H2(WL [dBm])	-62.93	-61.01	-61.95	-61.96	-74.11
Vrx, V2(WL [dBm])	-63.32	-61.46	-62.43	-62.43	-74.61



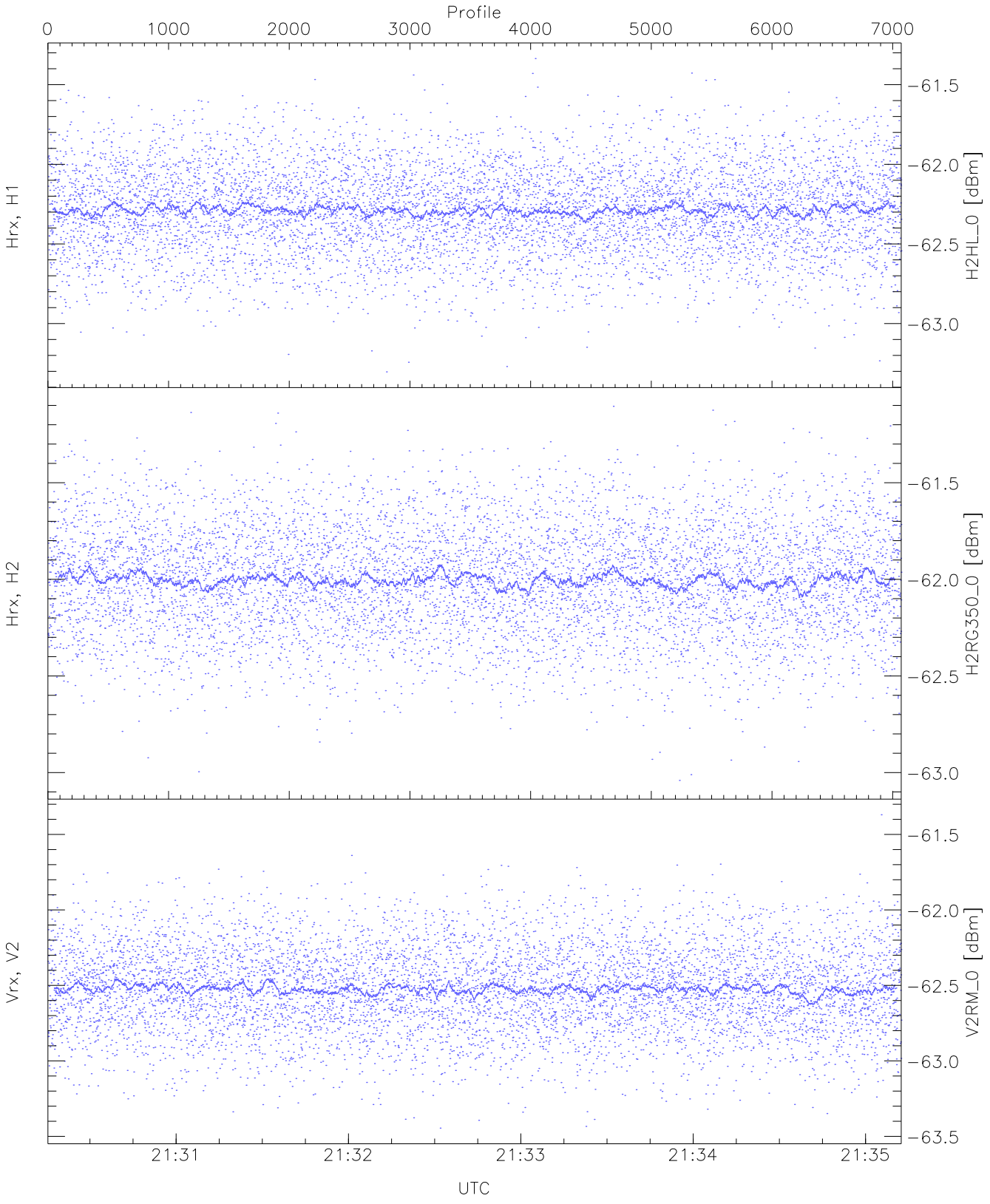
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.68	-60.65	-61.71	-61.71	-73.91
Hrx, H2(HL [dBm])	-62.73	-60.76	-61.71	-61.71	-73.90
Vrx, V2(HL [dBm])	-63.35	-61.30	-62.20	-62.20	-74.36



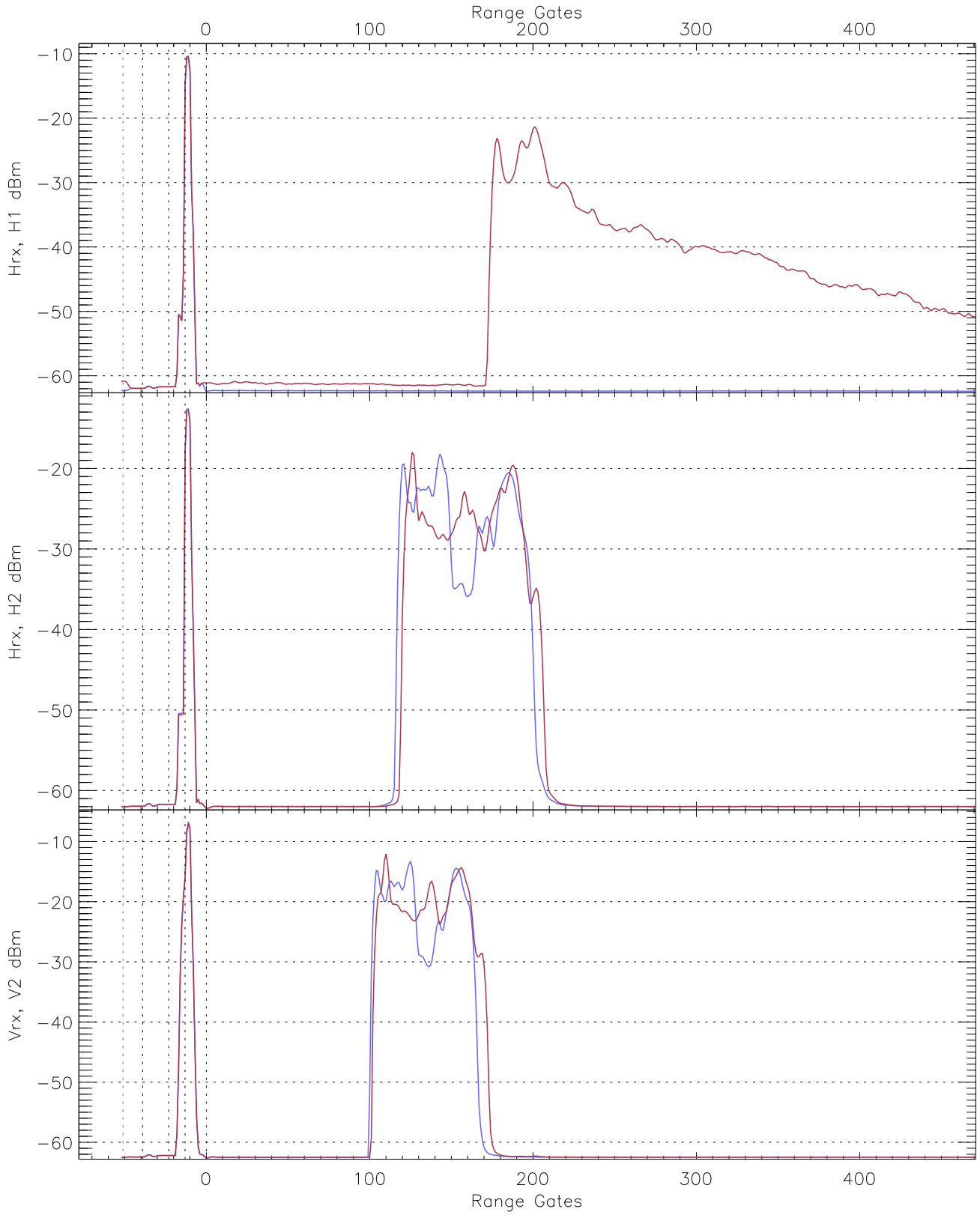
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.39	-38.02	-61.53	-62.28	-54.78
Hrx, H2(RM [dBm])	-62.95	-60.69	-62.00	-62.00	-74.17
Vrx, V2(RM [dBm])	-63.43	-61.36	-62.51	-62.51	-74.60

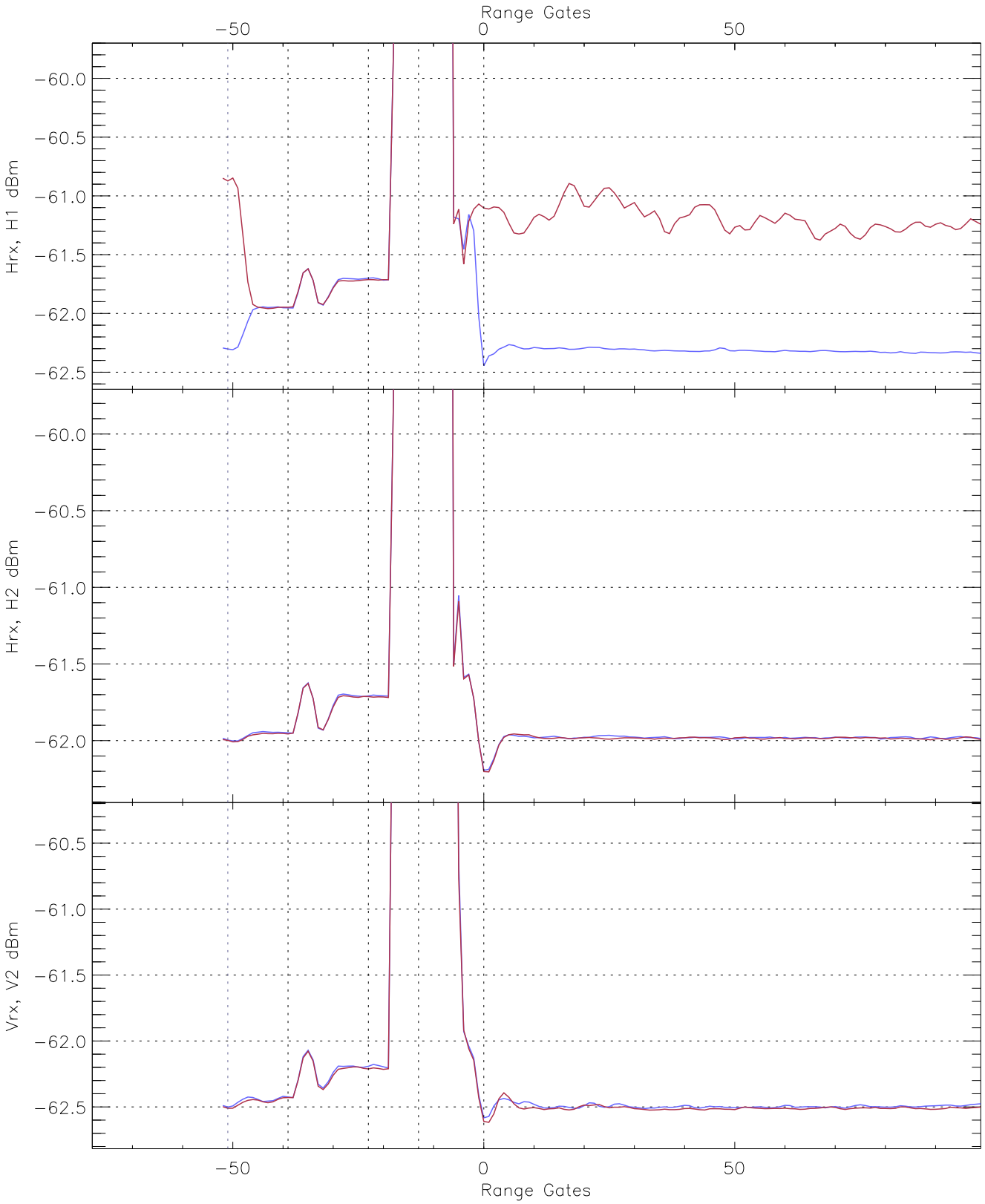


WCR2 CPP "Best" estimate Receivers Noise Power

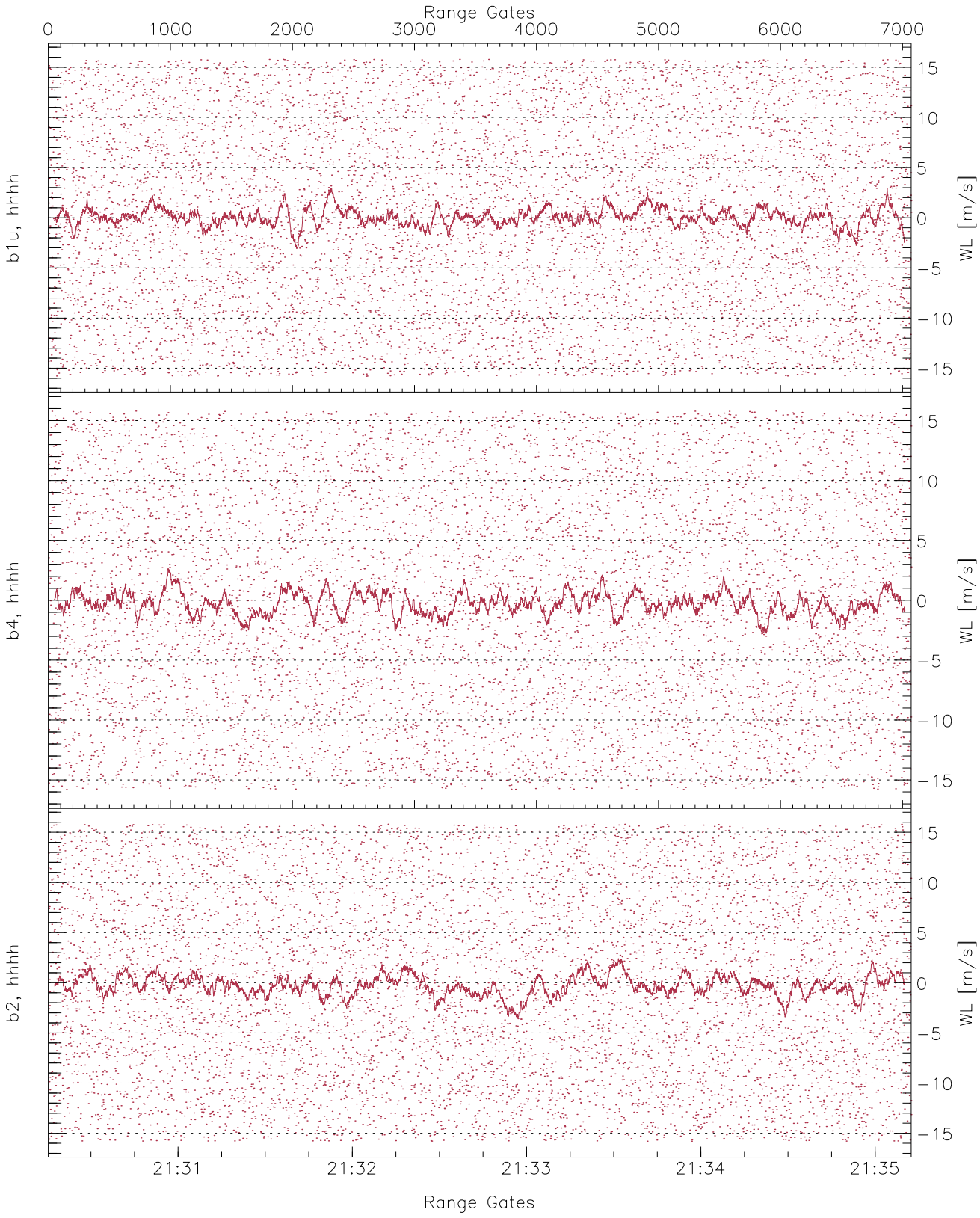
	Min	Max	Mean	Median	StDev
H2HL_0 [dBm]	-63.30	-61.34	-62.28	-62.28	-74.48
H2RG350_0 [dBm]	-63.04	-61.10	-62.00	-62.00	-74.15
V2RM_0 [dBm]	-63.45	-61.37	-62.52	-62.53	-74.61



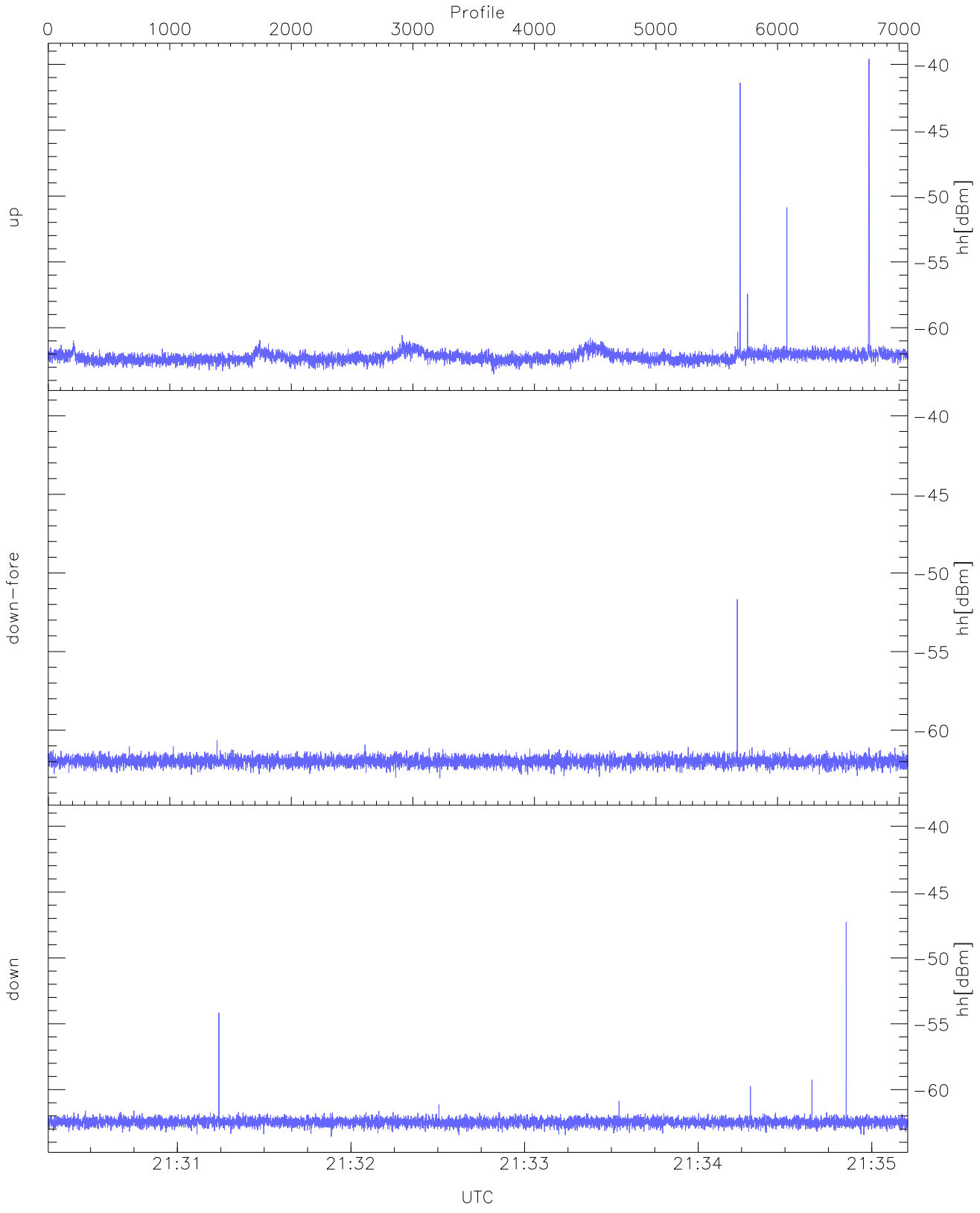
WCR2 CPP Averaged Received power for all recorded gates
blue: 213015-213244, 3537 profiles averaged
red: 213244-213512, 3536 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 213015-213244, 3537 profiles averaged
red: 213244-213512, 3536 profiles averaged

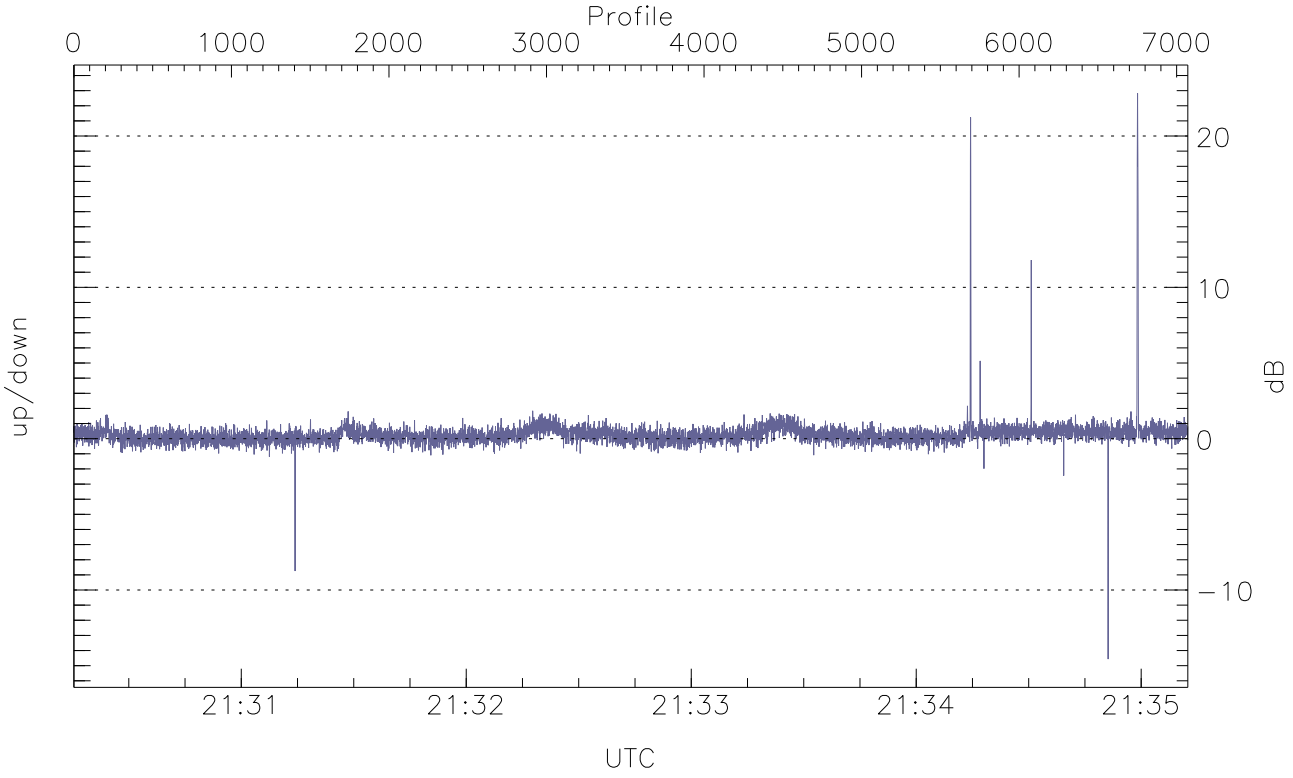


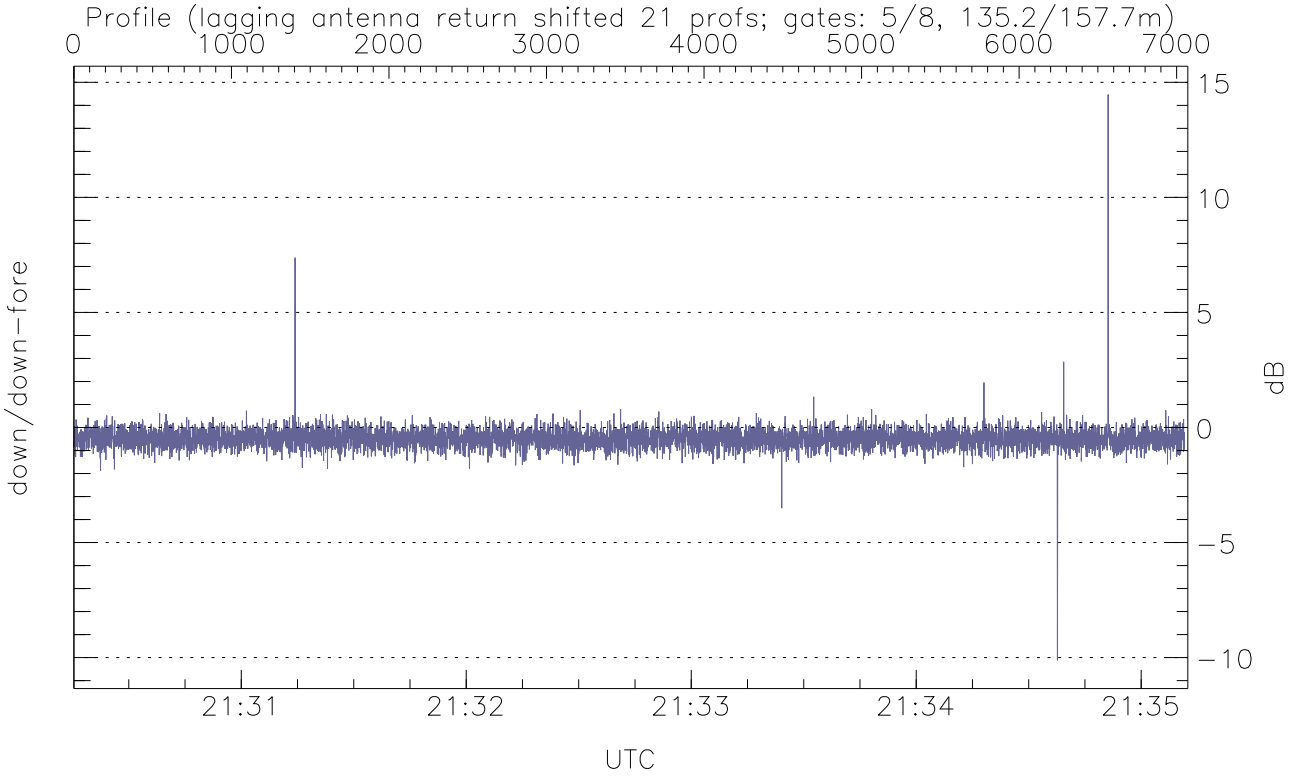
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



WCR2 CPP Received Power Products for Range gate 5 (135.2 m)

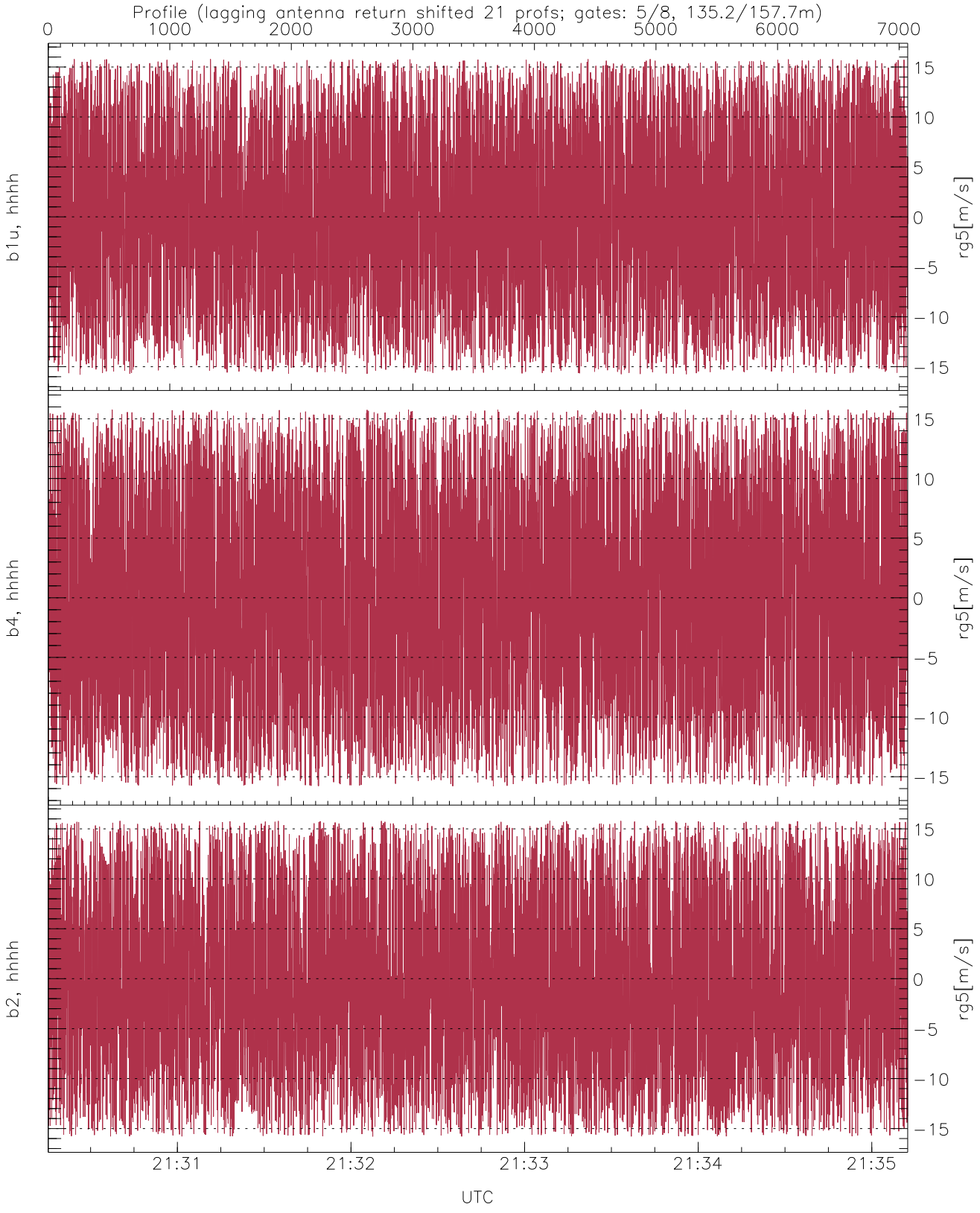
	Min	Max	Mean
up(hh[dBm])	-63.53	-39.59	-61.72
down-fore(hh[dBm])	-63.04	-51.67	-61.96
down(hh[dBm])	-63.57	-47.28	-62.44





WCR2 Beam pairs Received Power Ratio(s); RangeGate: 5 (135 m)

	Min	Max	Mean
up/down(dB)	-14.56	22.82	0.27
down/down-fore(dB)	-10.12	14.47	-0.48



WCR2 CPP Doppler Velocity Products at 135.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.79	-0.04	8.76
b4, hhhh(rg5[m/s])	-15.80	15.79	-0.08	8.99
b2, hhhh(rg5[m/s])	-15.80	15.80	-0.71	8.87