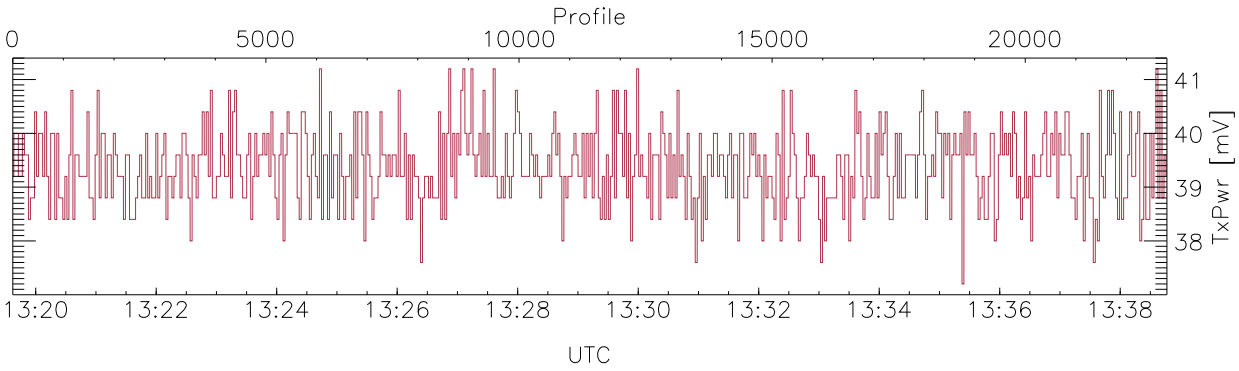
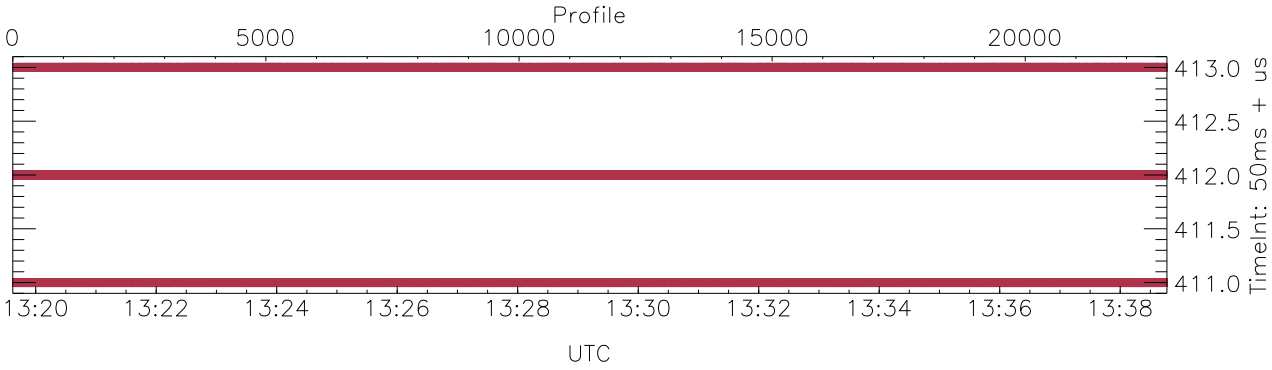
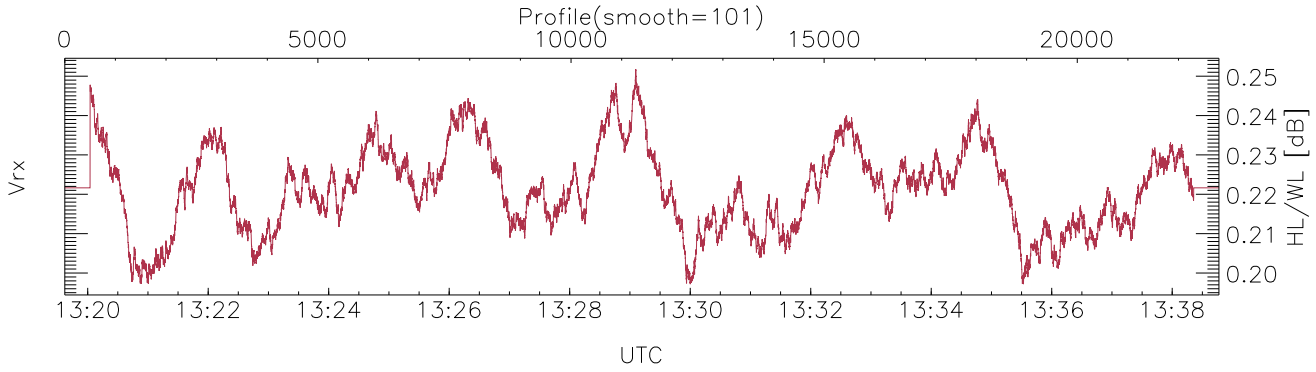
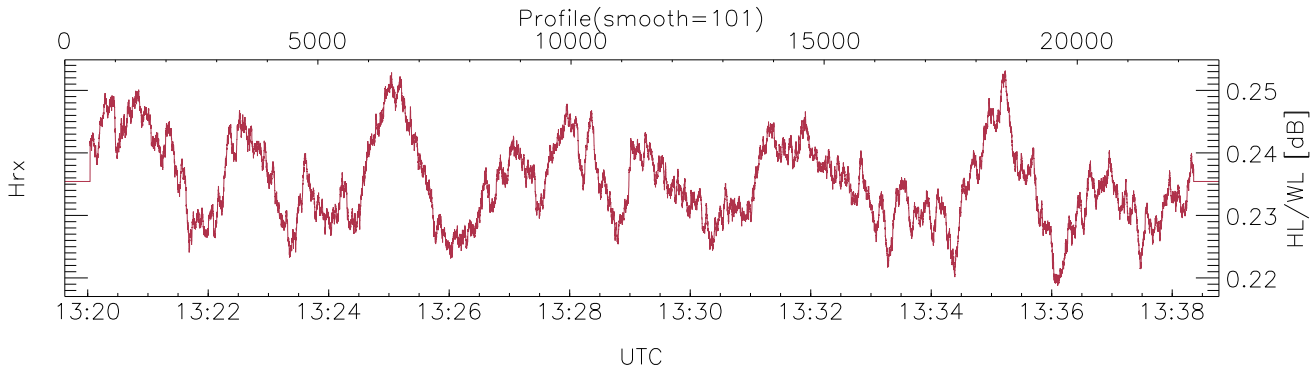


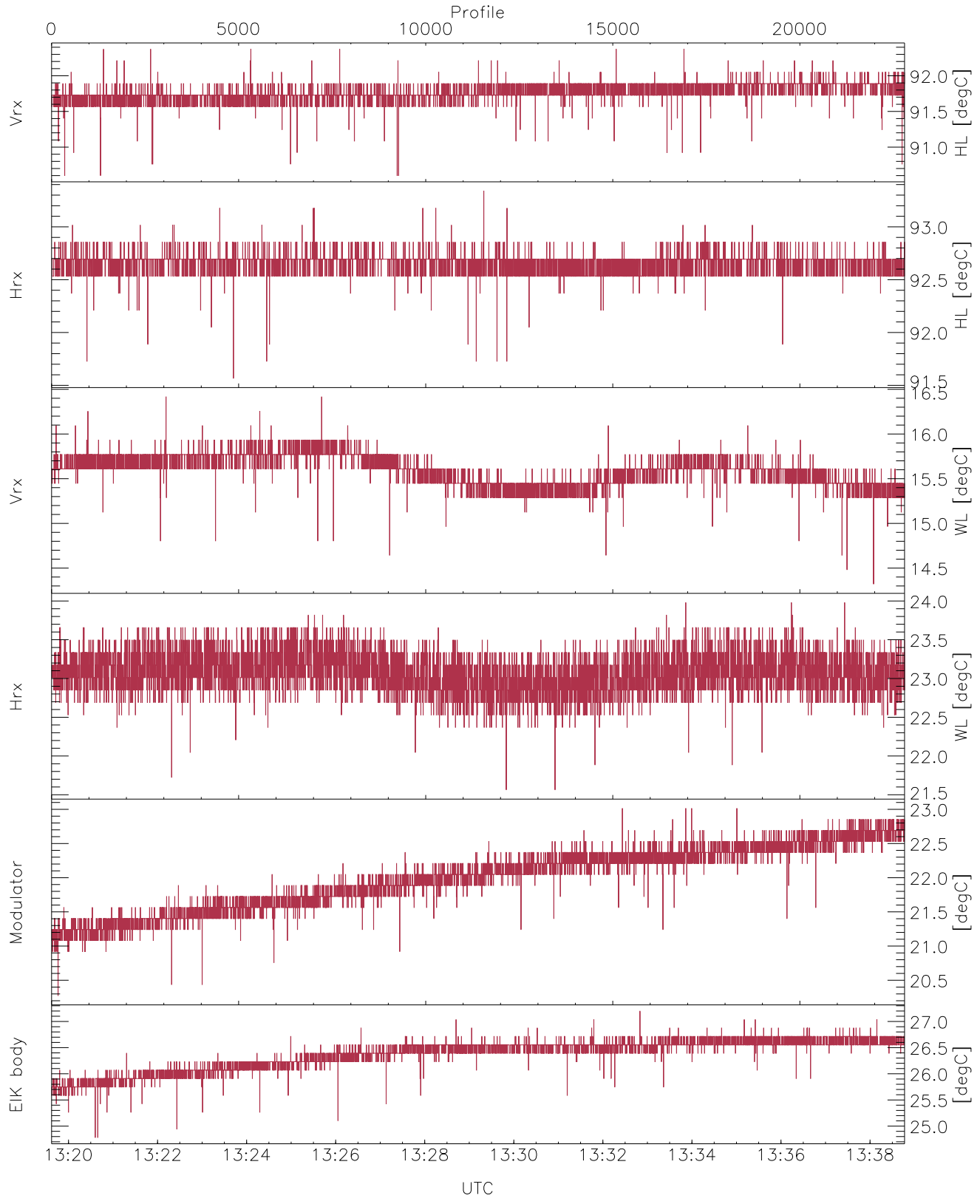






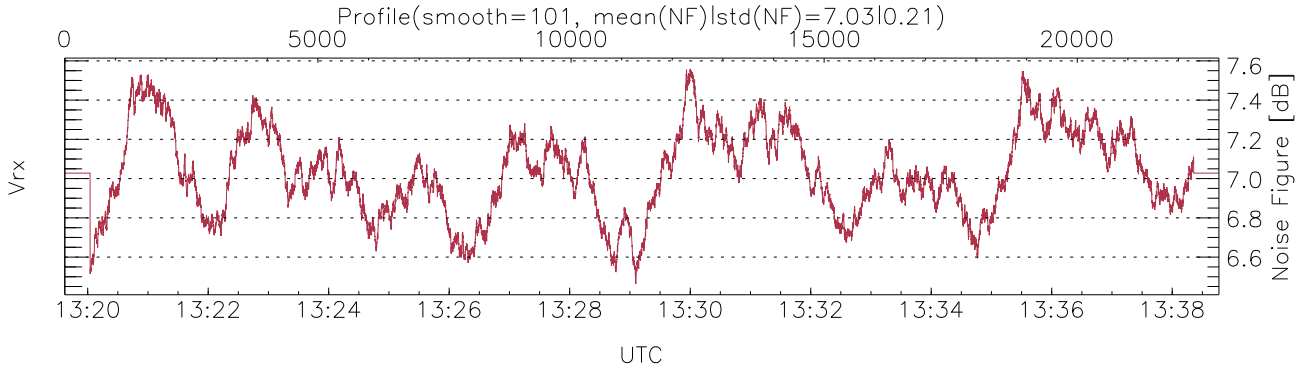
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

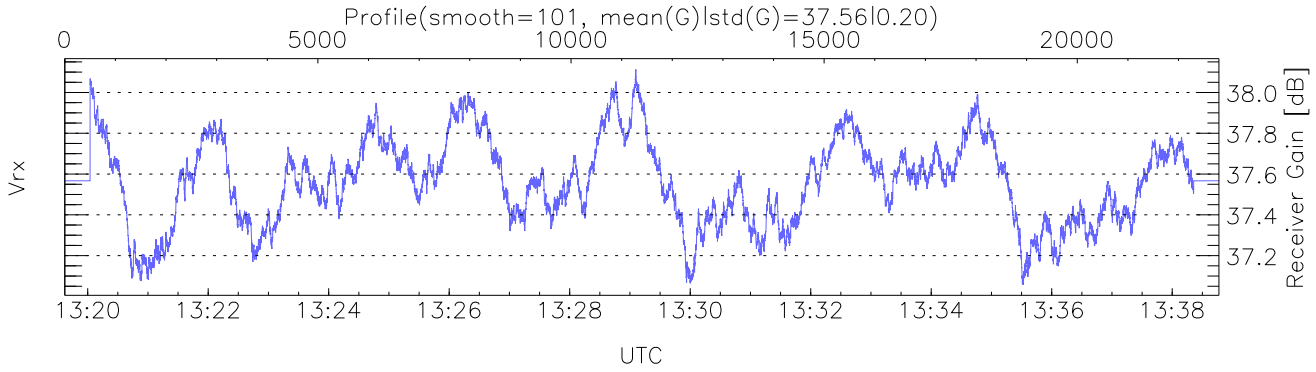
UTC: 13:19:37-13:48:35, Dur: 1738.13s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
NumRec(r/t): 22800/34479, 0-22799/13:19:37-13:38:47
AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
PRF: 20.0 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

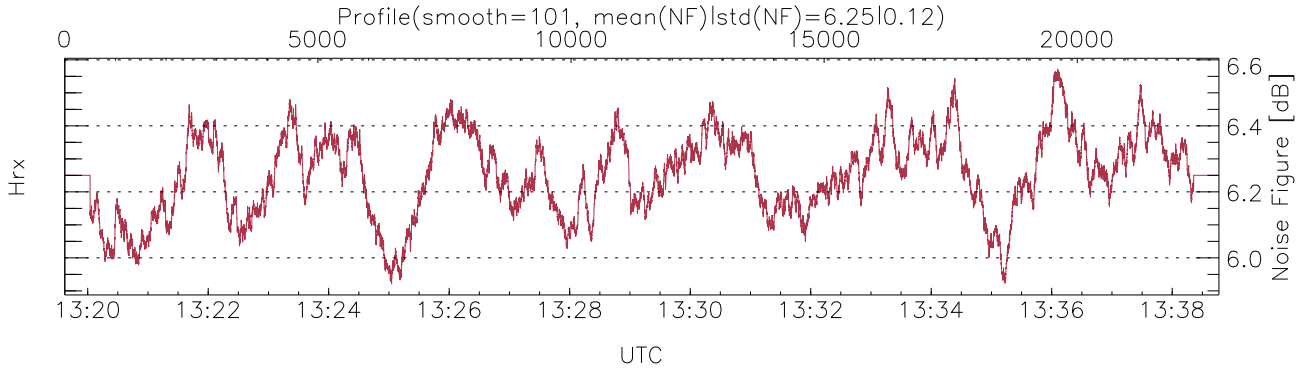


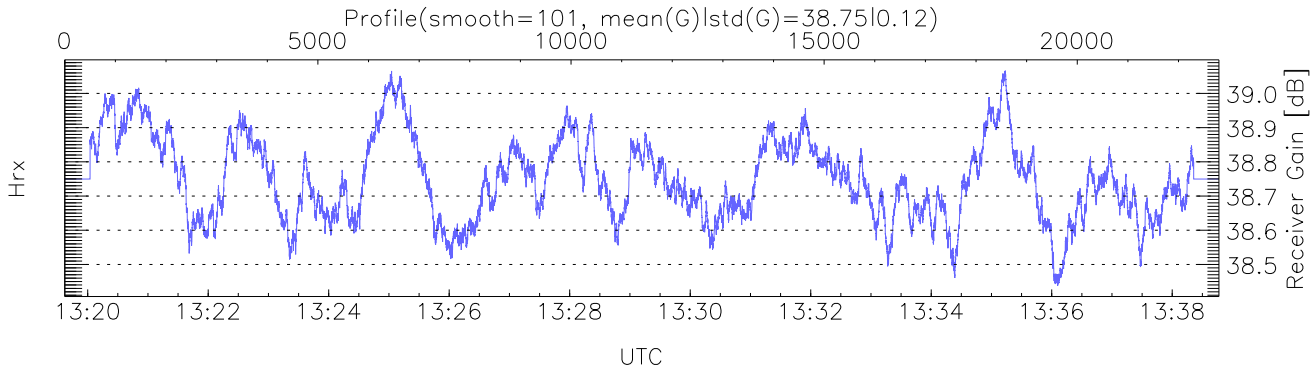
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,14,21,20,24
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,16,23,23,27
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (15,15,15,15,20,15)



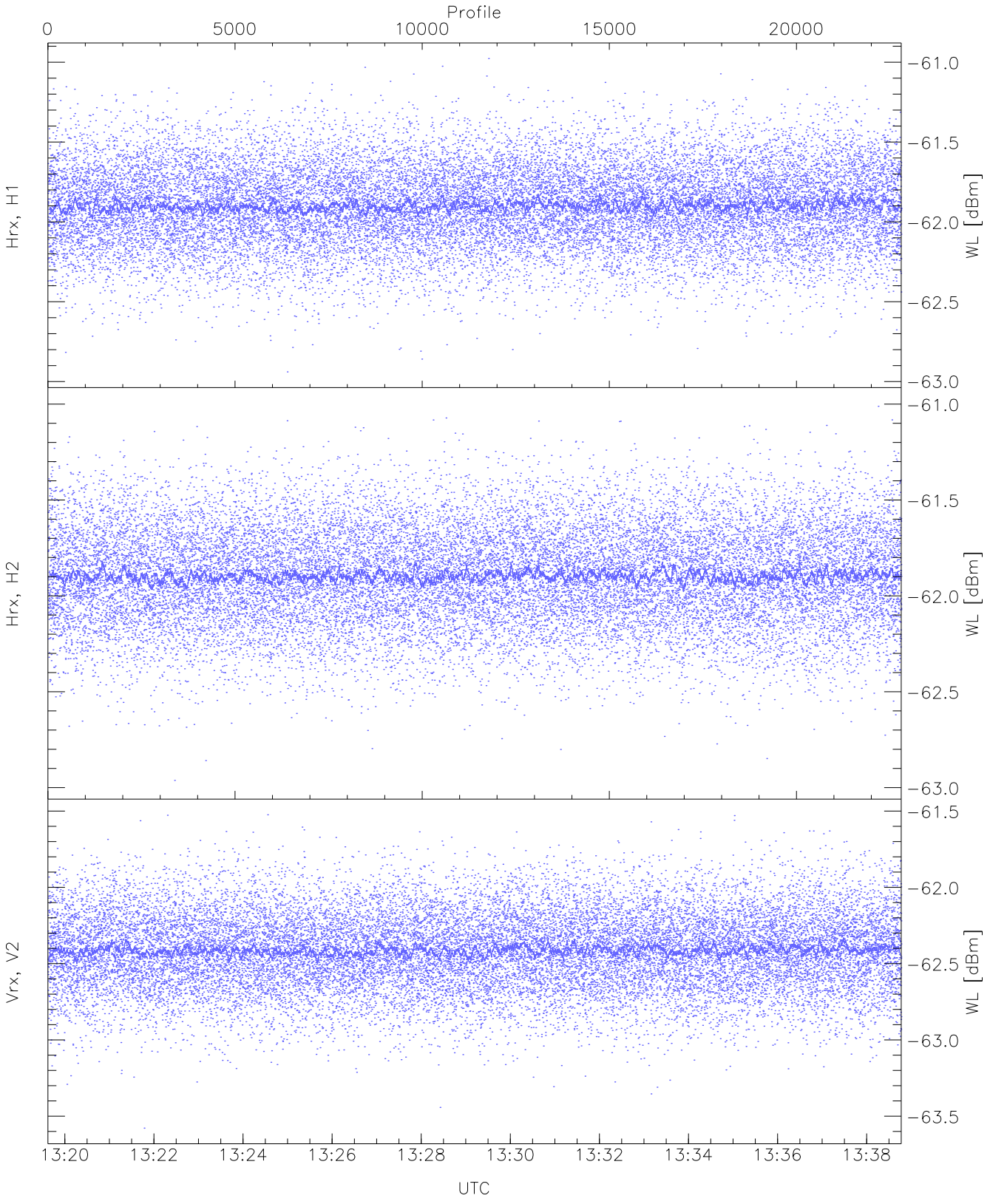






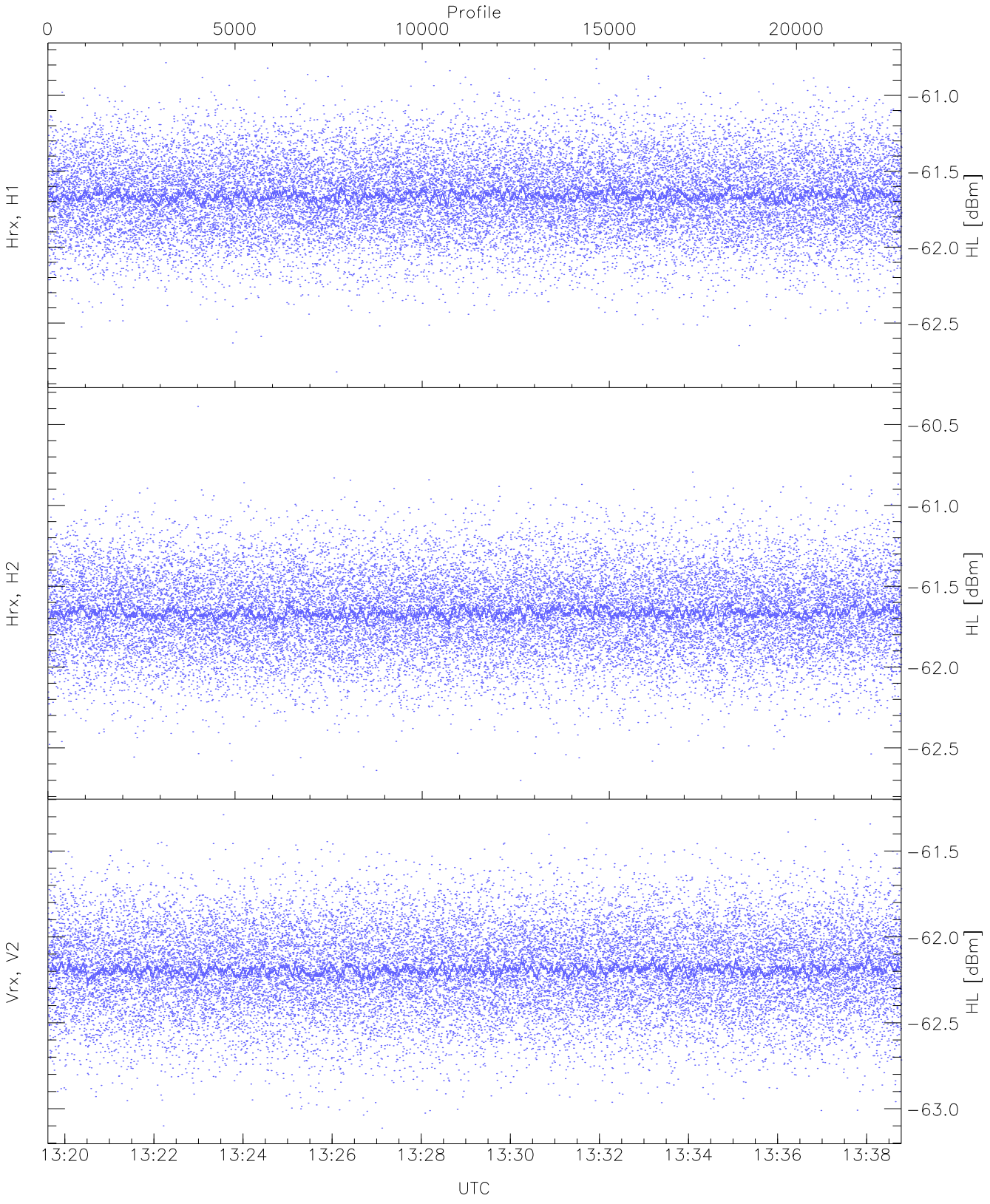
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 22157 pixs, 91 gates, 18229 profs, 2 prods



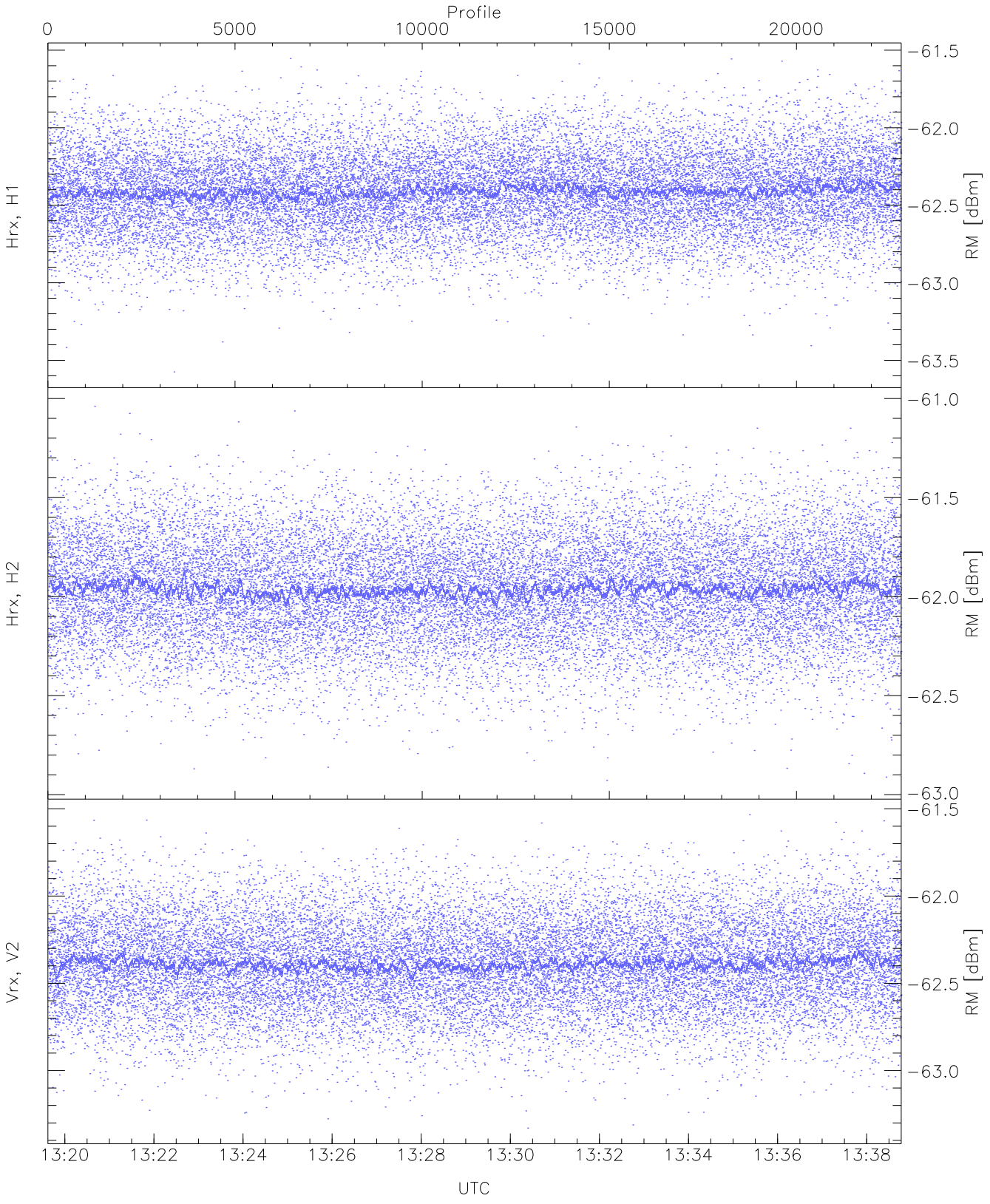
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.94	-60.98	-61.90	-61.90	-74.45
Hrx, H2(WL [dBm])	-62.96	-61.01	-61.89	-61.90	-74.45
Vrx, V2(WL [dBm])	-63.58	-61.52	-62.41	-62.41	-74.95



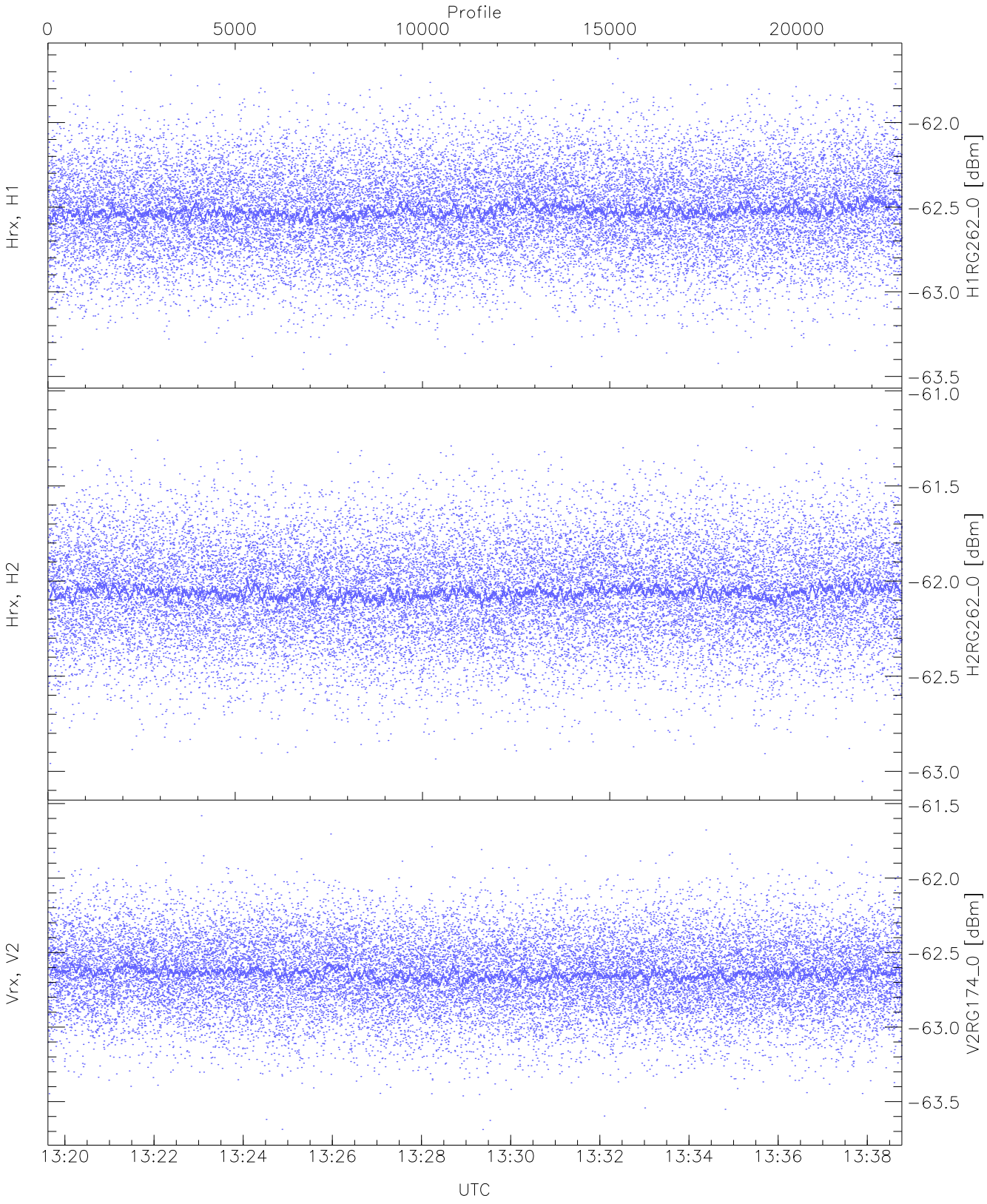
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.82	-60.76	-61.66	-61.66	-74.20
Hrx, H2(HL [dBm])	-62.70	-60.39	-61.66	-61.67	-74.21
Vrx, V2(HL [dBm])	-63.11	-61.29	-62.19	-62.19	-74.77



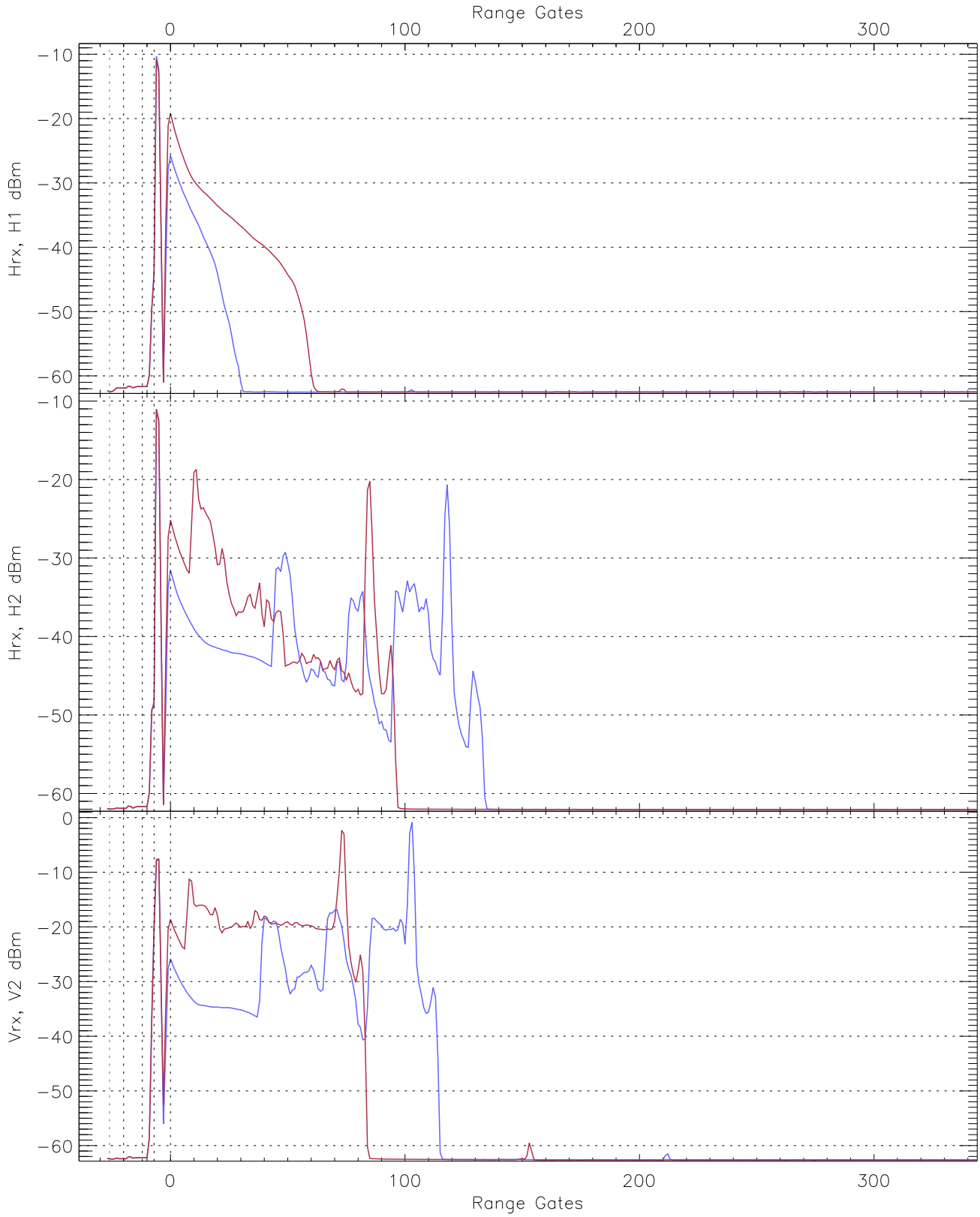
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.57	-61.55	-62.41	-62.41	-74.96
Hrx, H2(RM [dBm])	-62.93	-61.04	-61.96	-61.97	-74.54
Vrx, V2(RM [dBm])	-63.33	-61.53	-62.39	-62.39	-74.96

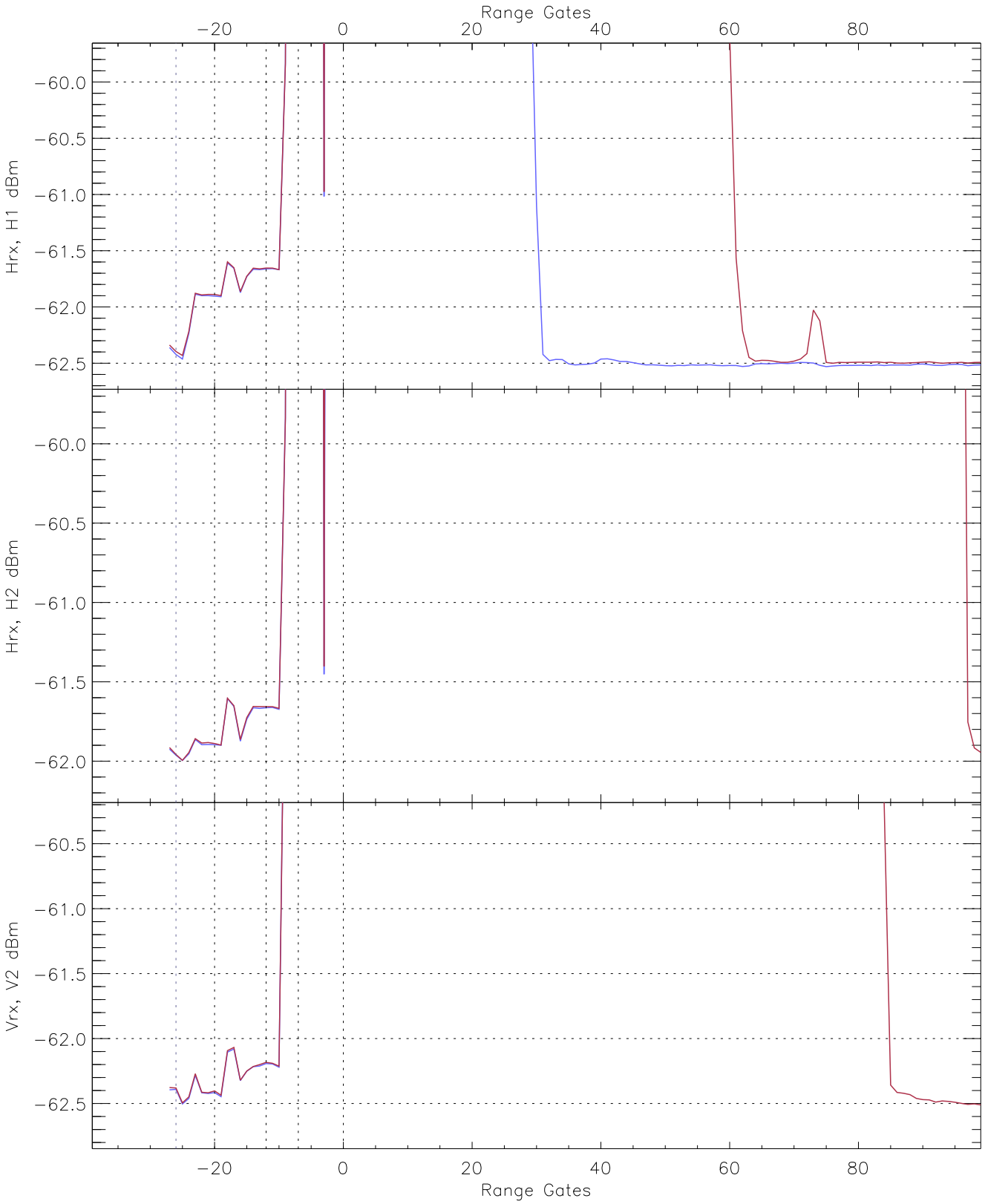


WCR2 CPP "Best" estimate Receivers Noise Power

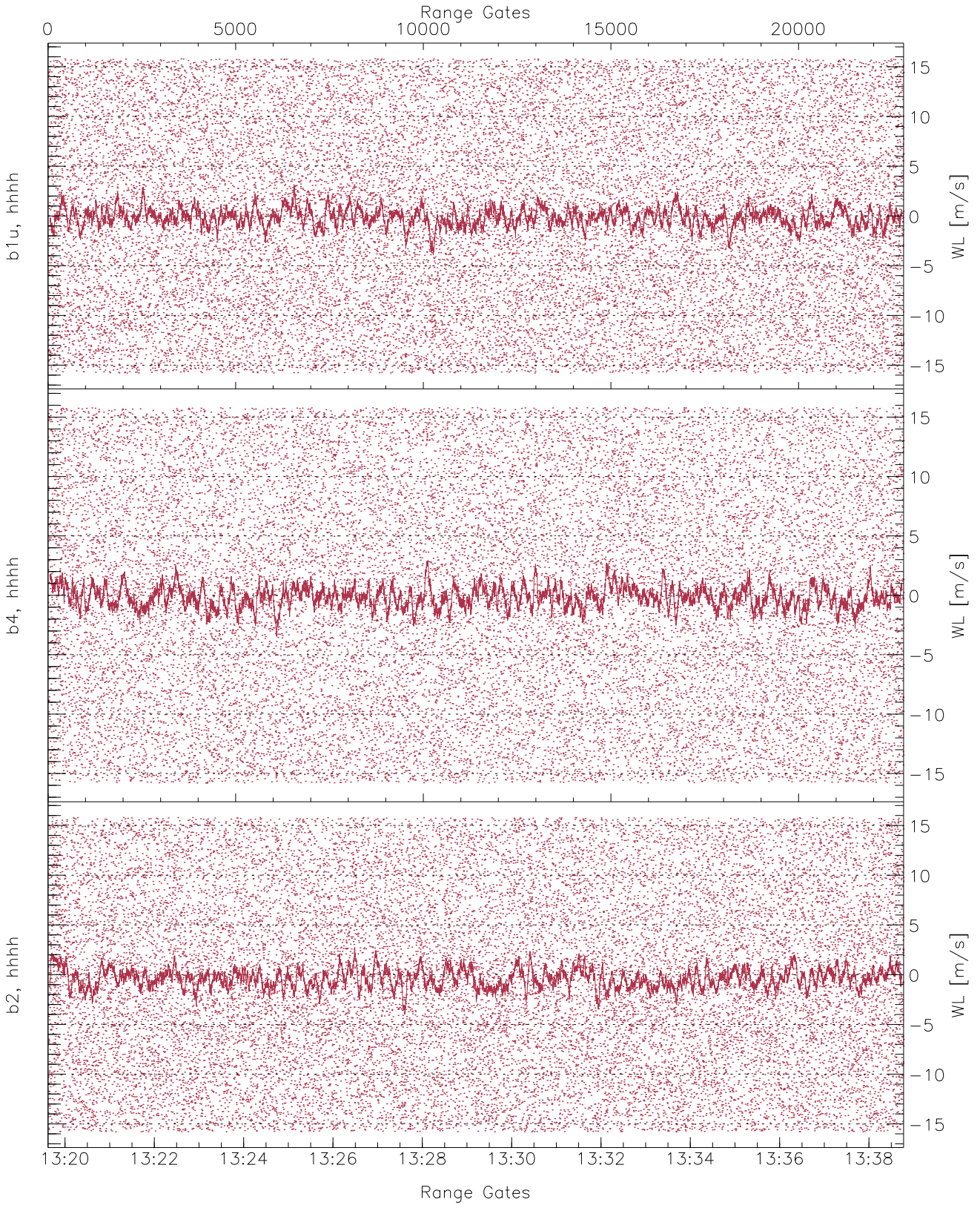
	Min	Max	Mean	Median	StDev
H1RG262_0 [dBm]	-63.48	-61.62	-62.52	-62.52	-75.05
H2RG262_0 [dBm]	-63.05	-61.08	-62.06	-62.06	-74.61
V2RG174_0 [dBm]	-63.69	-61.58	-62.64	-62.64	-75.20



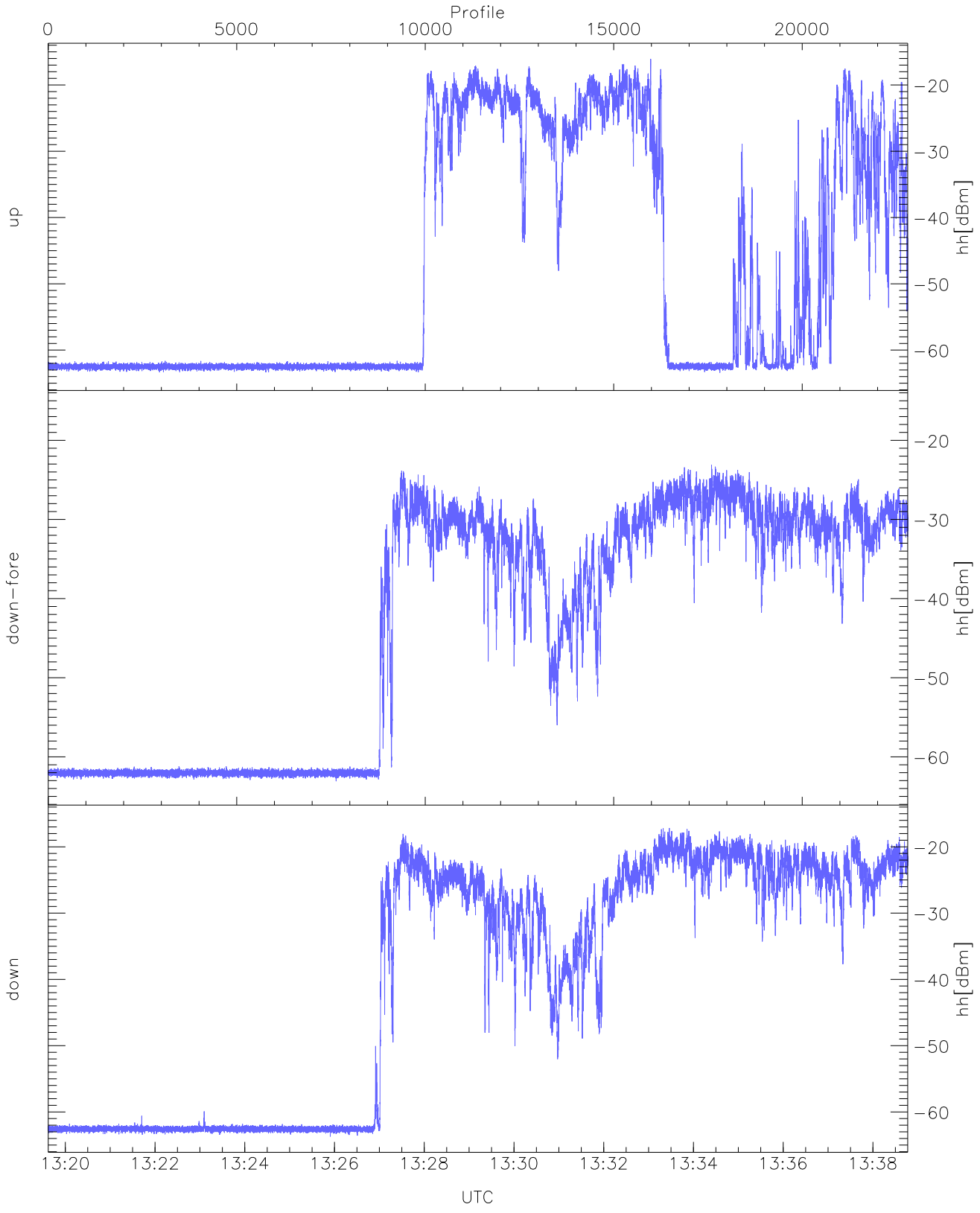
WCR2 CPP Averaged Received power for all recorded gates
blue: 131937-132912, 11401 profiles averaged
red: 132912-133847, 11400 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 131937-132912, 11401 profiles averaged
red: 132912-133847, 11400 profiles averaged

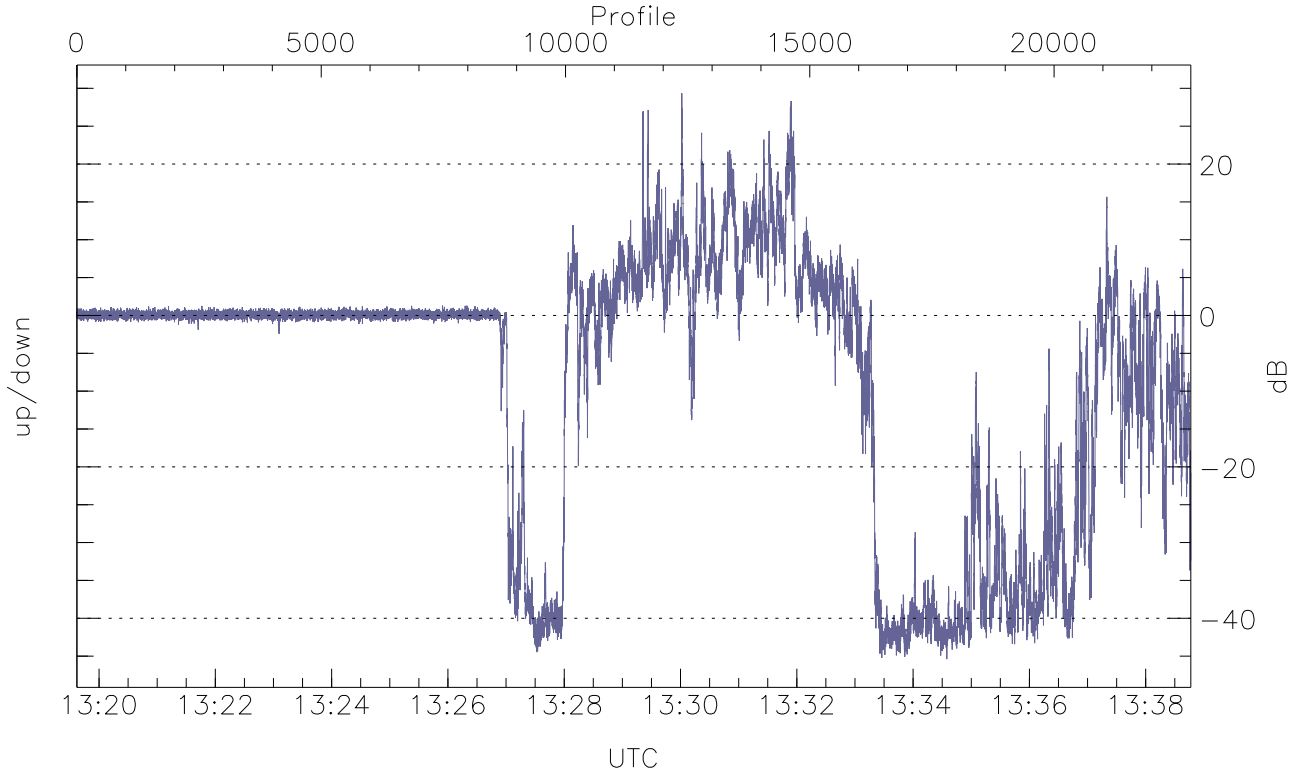


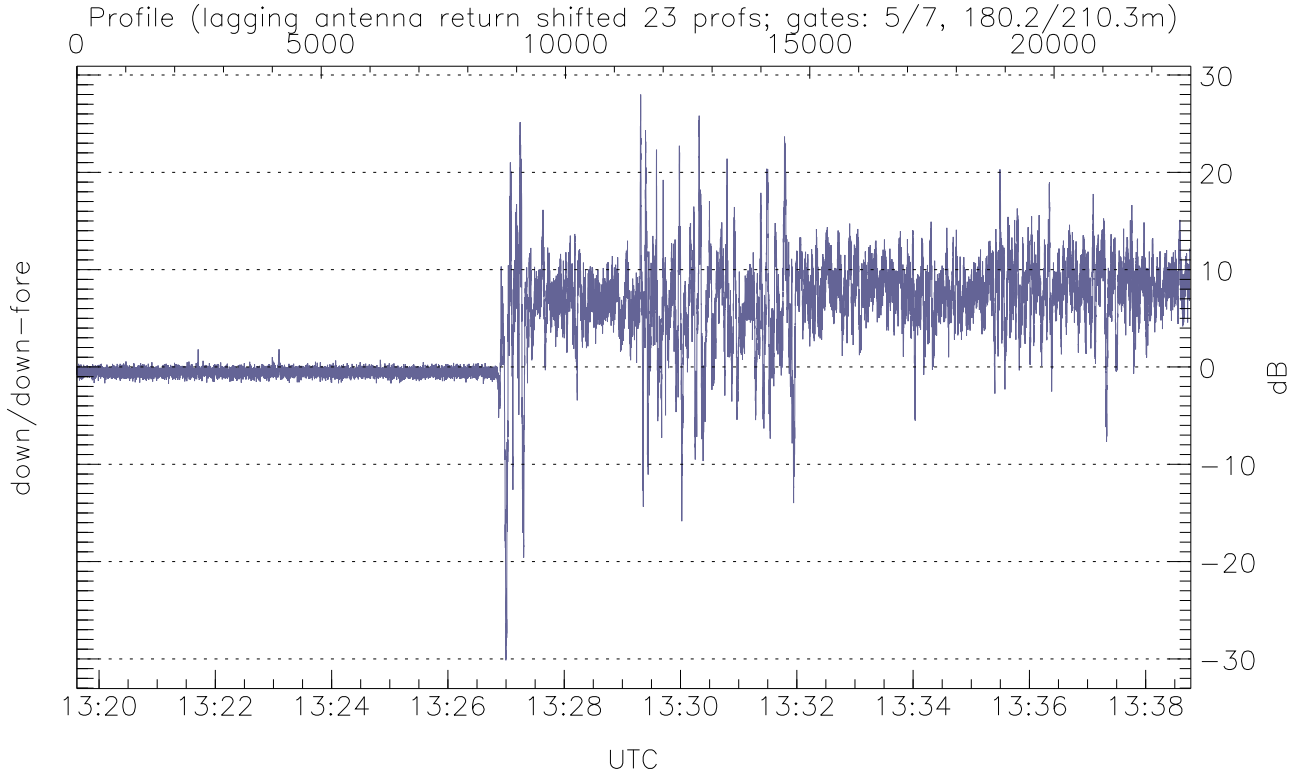
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

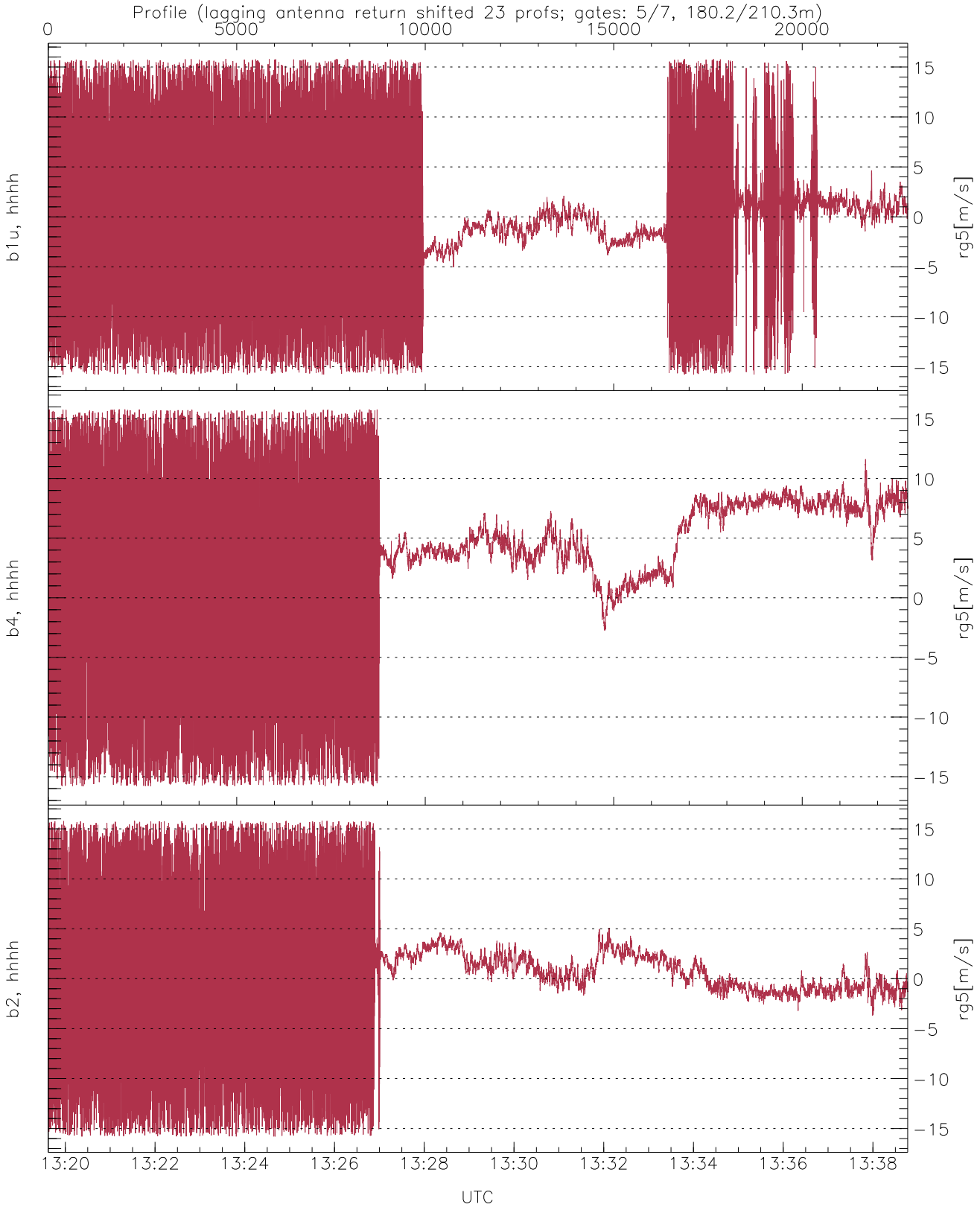
	Min	Max	Mean
up(hh[dBm])	-63.41	-16.08	-27.49
down-fore(hh[dBm])	-63.08	-23.11	-32.06
down(hh[dBm])	-63.71	-17.16	-25.86





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

	Min	Max	Mean
up/down(dB)	-45.39	29.34	-7.94
down/down-fore(dB)	-30.14	28.00	4.19



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.80	-0.29	6.50
b4, hhhh(rg5[m/s])	-15.80	15.80	3.18	6.51
b2, hhhh(rg5[m/s])	-15.80	15.80	0.27	5.74