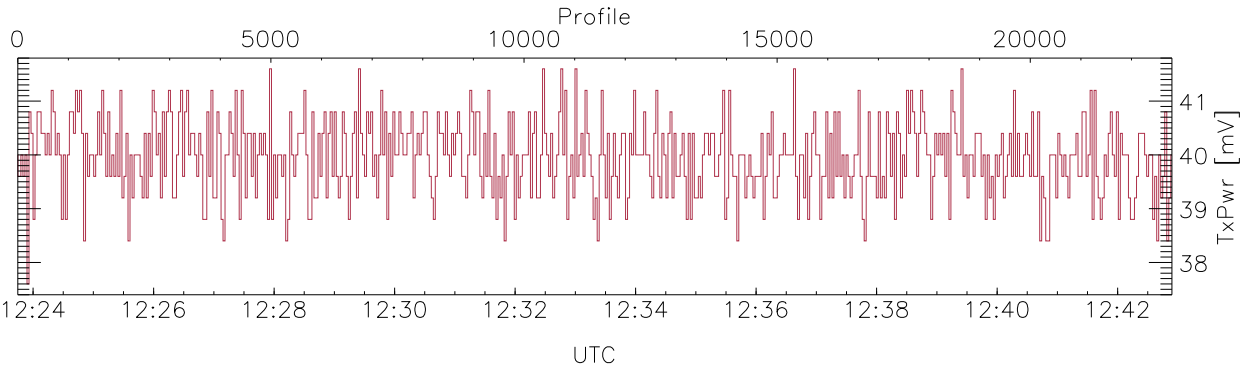
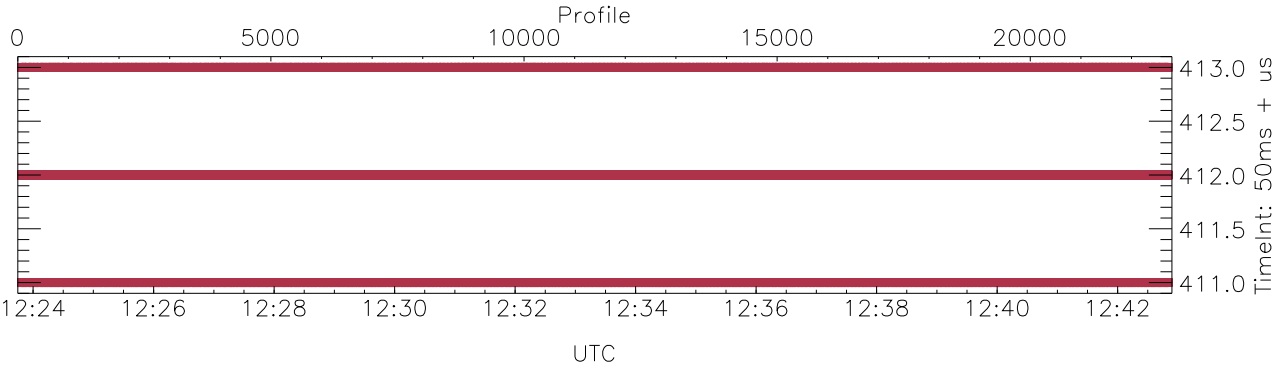
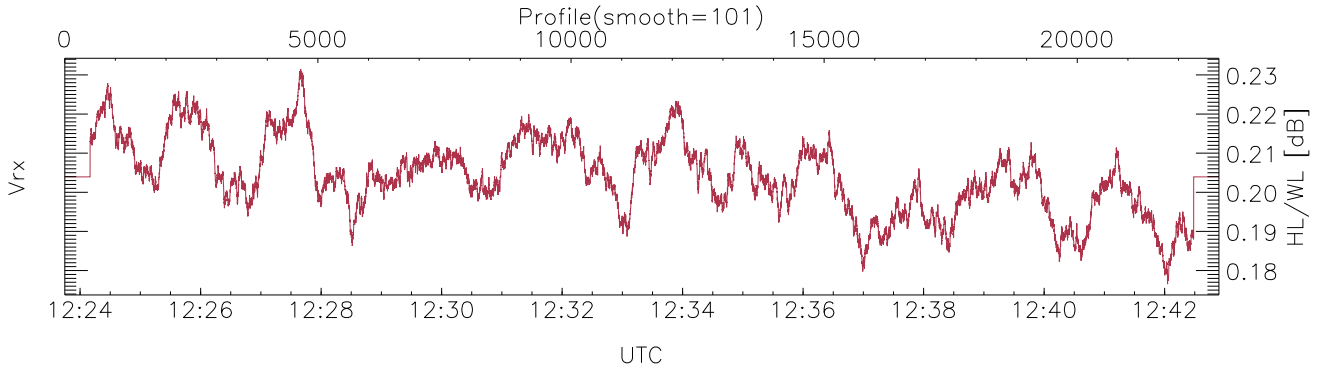
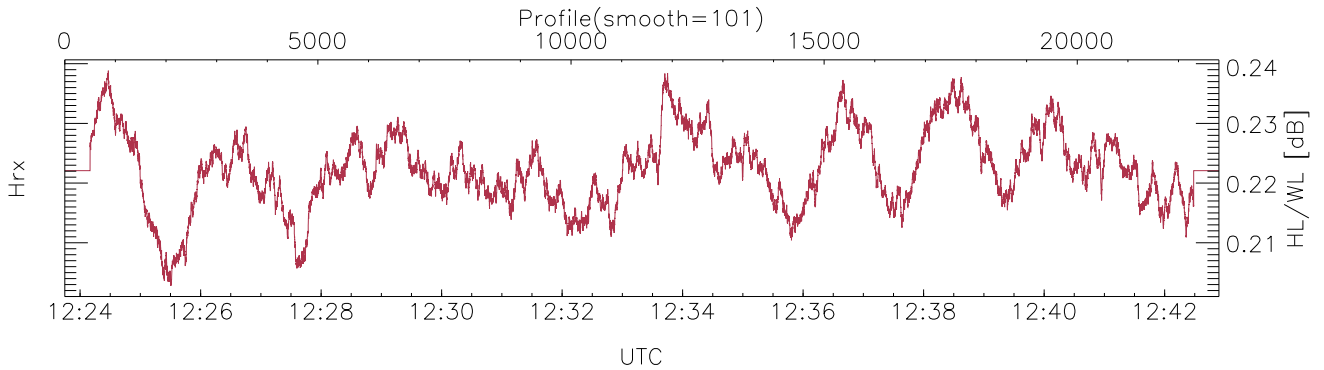


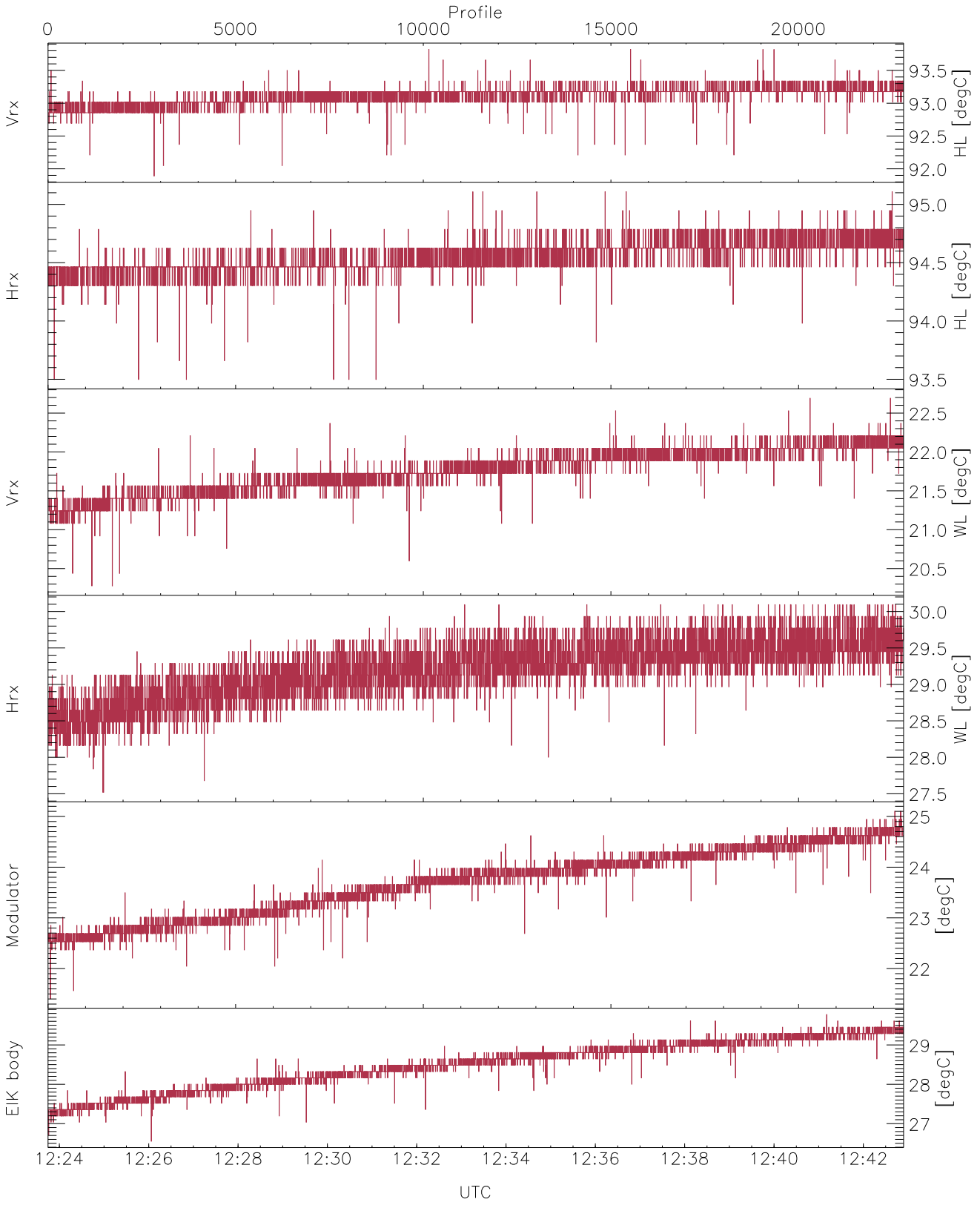






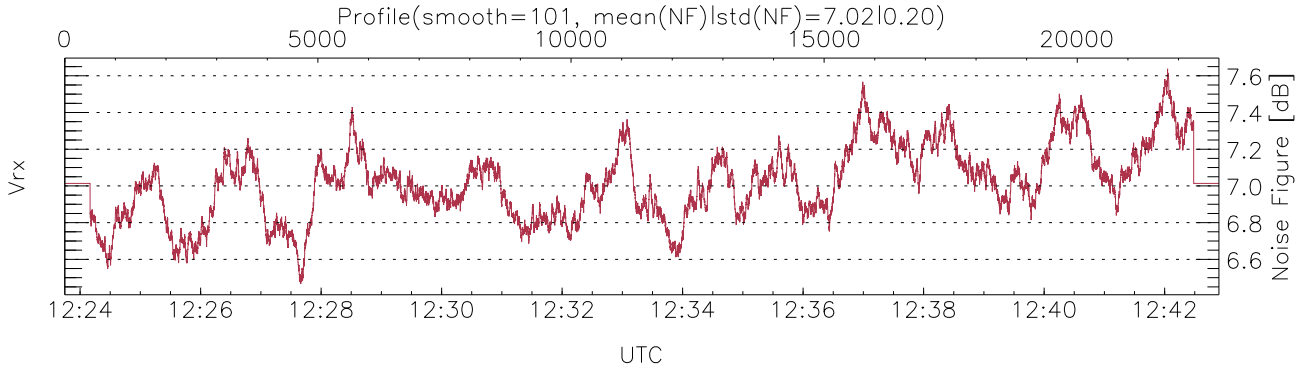
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

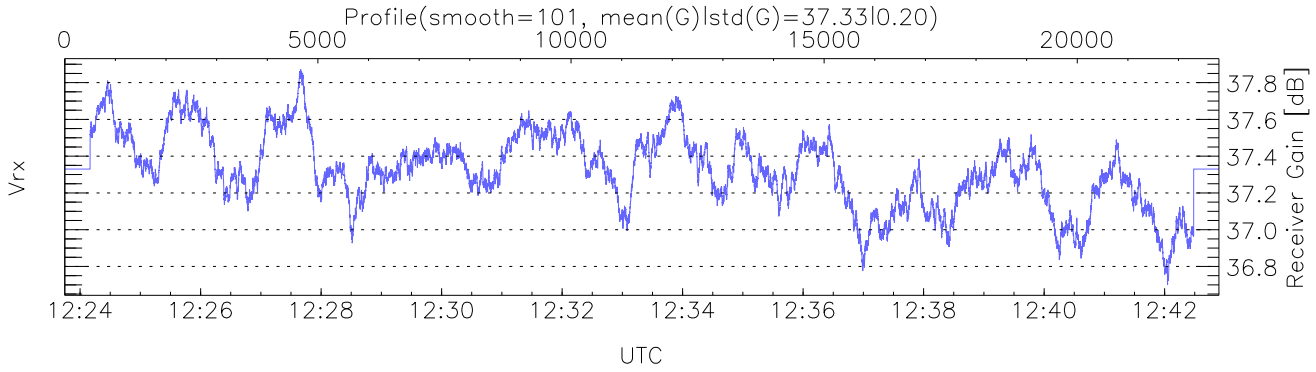
UTC: 12:23:45-12:51:16, Dur: 1651.01s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
NumRec(r/t): 22800/32751, 0-22799/12:23:45-12:42:54
AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
PRF: 20.0 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|sideup|error): 1

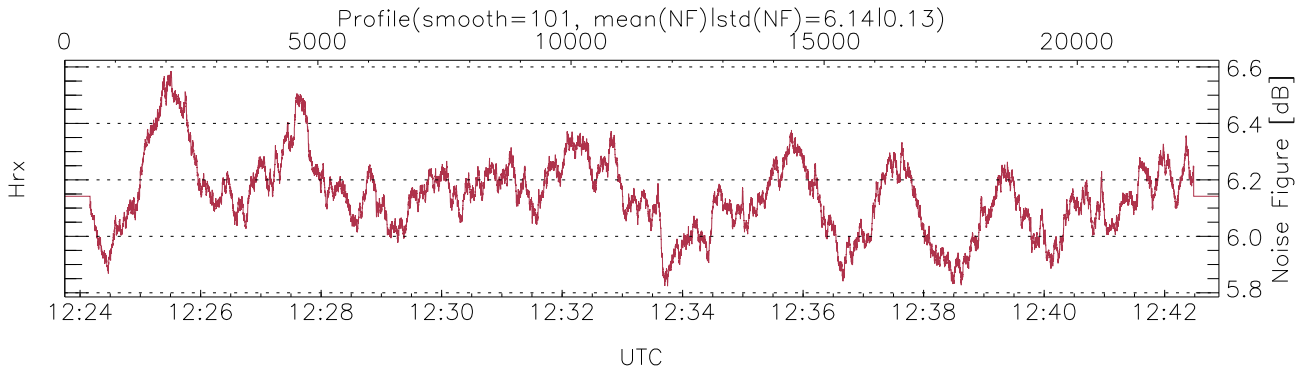


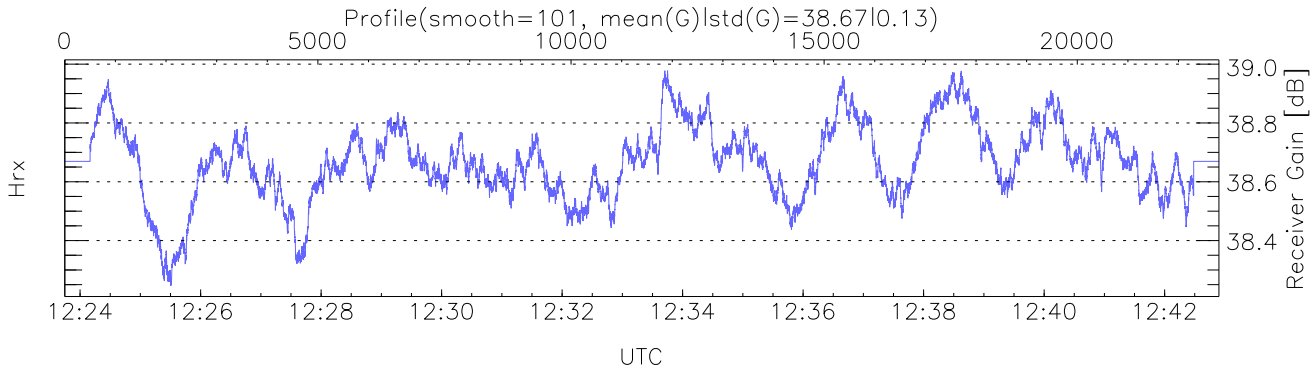
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,20,27,21,26
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,22,30,25,29
LOalarm(20,80,240,2.8,14.8 MHz): 6,0,0,0,0
EIK Faults(# prof affected):
HVPS (26)



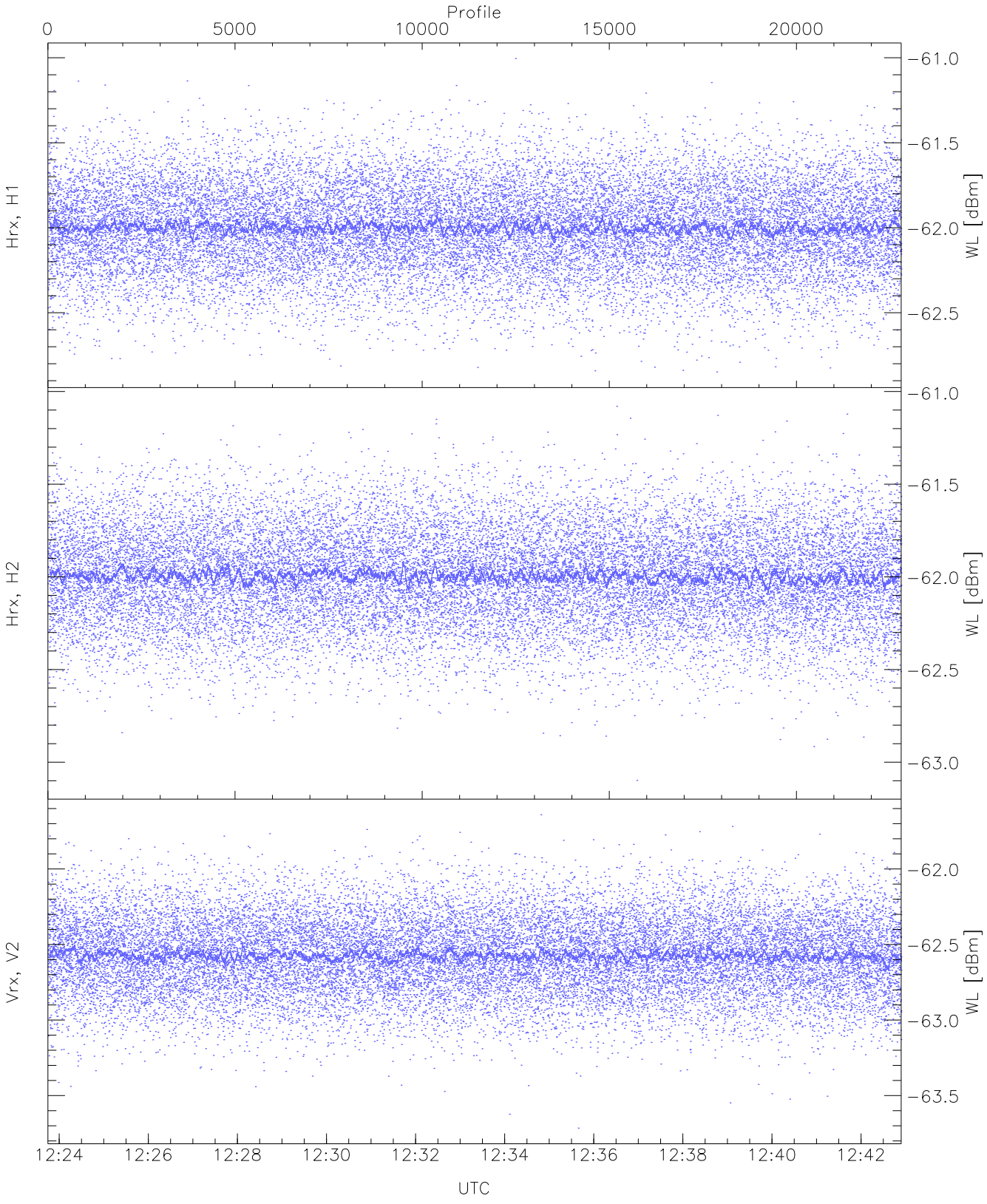






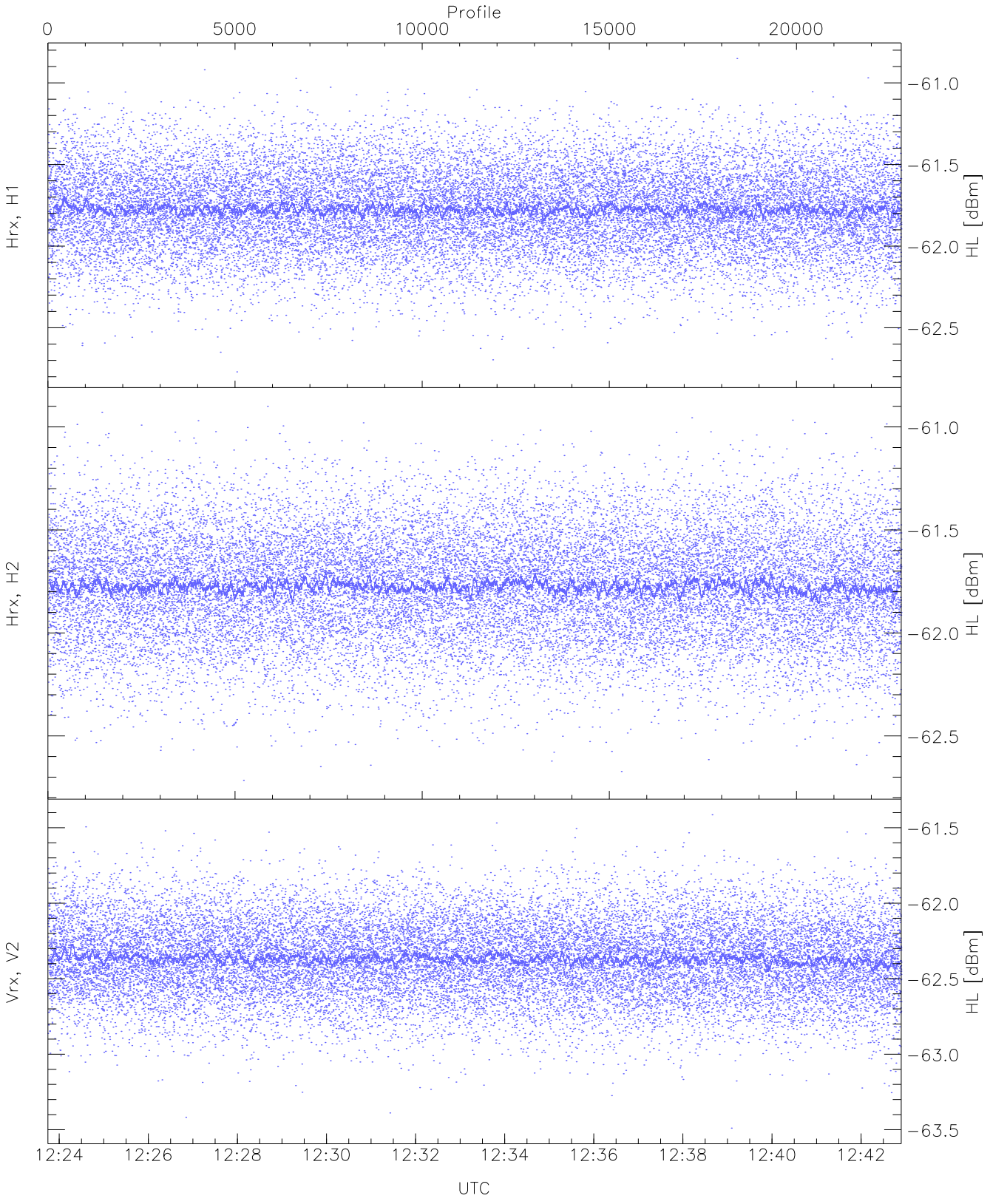
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 16273 pixs, 19 gates, 13777 profs, 2 prods



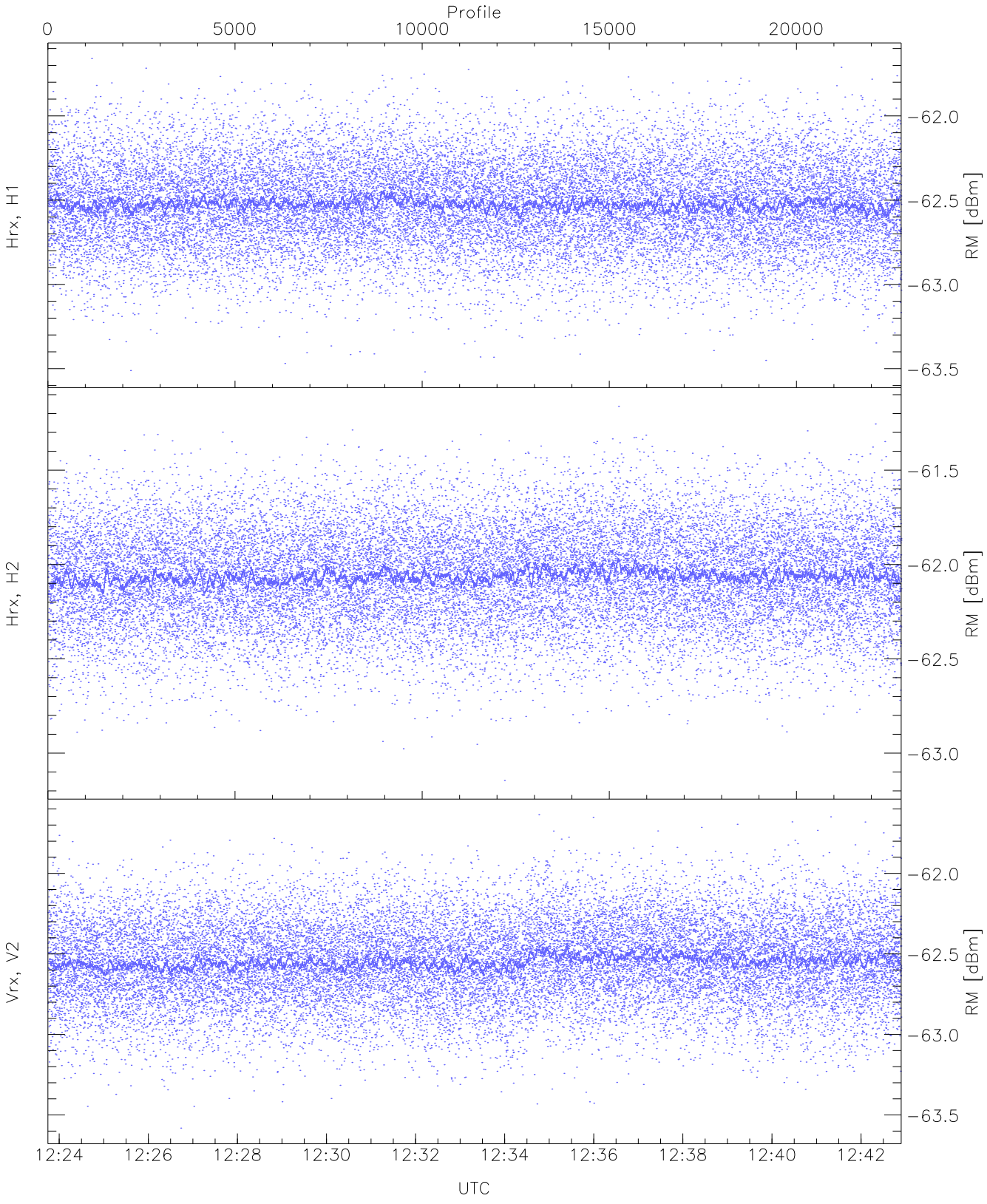
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.85	-61.00	-62.00	-62.00	-74.55
Hrx, H2(WL [dBm])	-63.10	-61.08	-61.99	-62.00	-74.55
Vrx, V2(WL [dBm])	-63.72	-61.64	-62.57	-62.58	-75.13



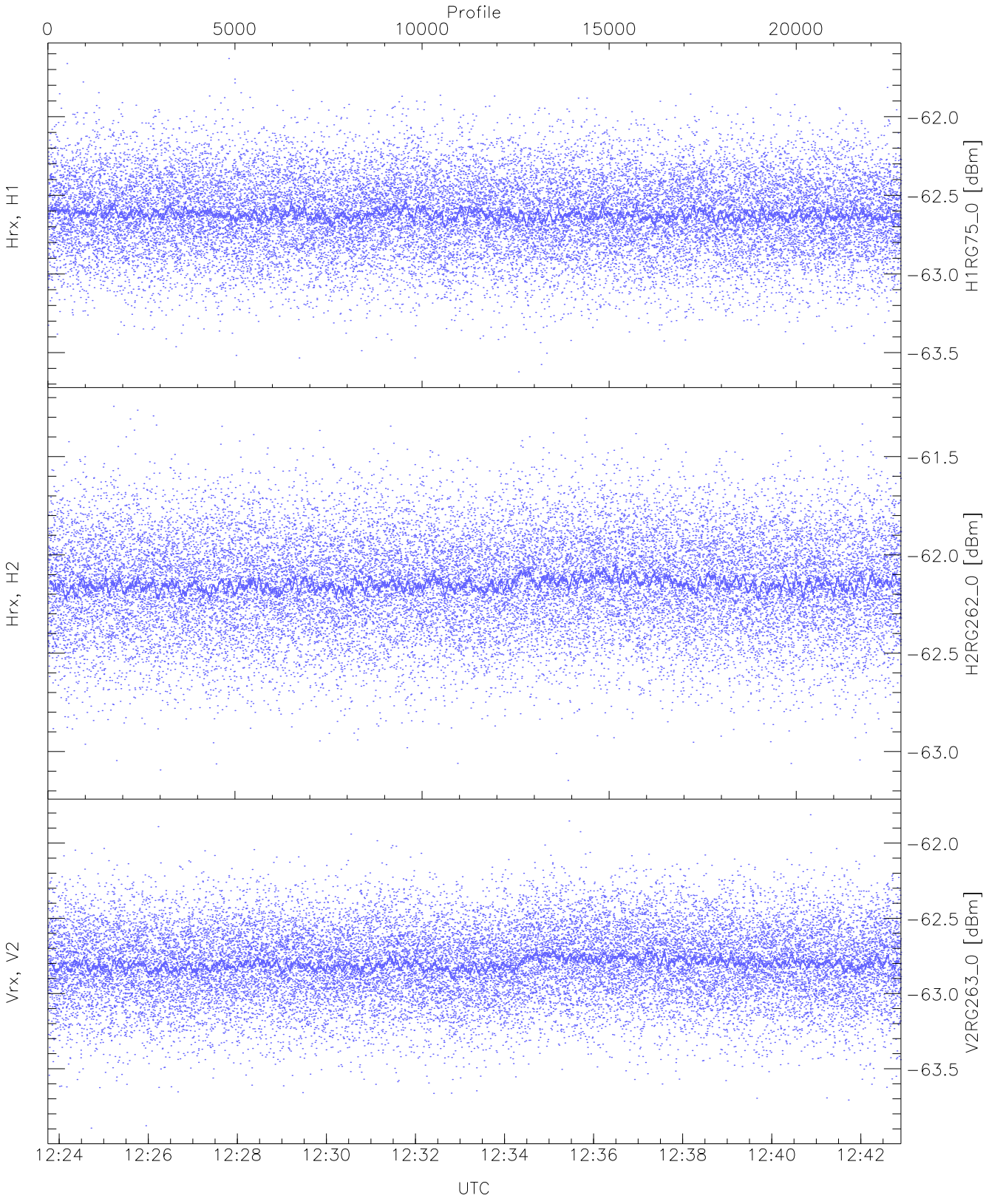
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.77	-60.85	-61.77	-61.78	-74.38
Hrx, H2(HL [dBm])	-62.72	-60.90	-61.77	-61.77	-74.32
Vrx, V2(HL [dBm])	-63.49	-61.41	-62.37	-62.37	-74.94



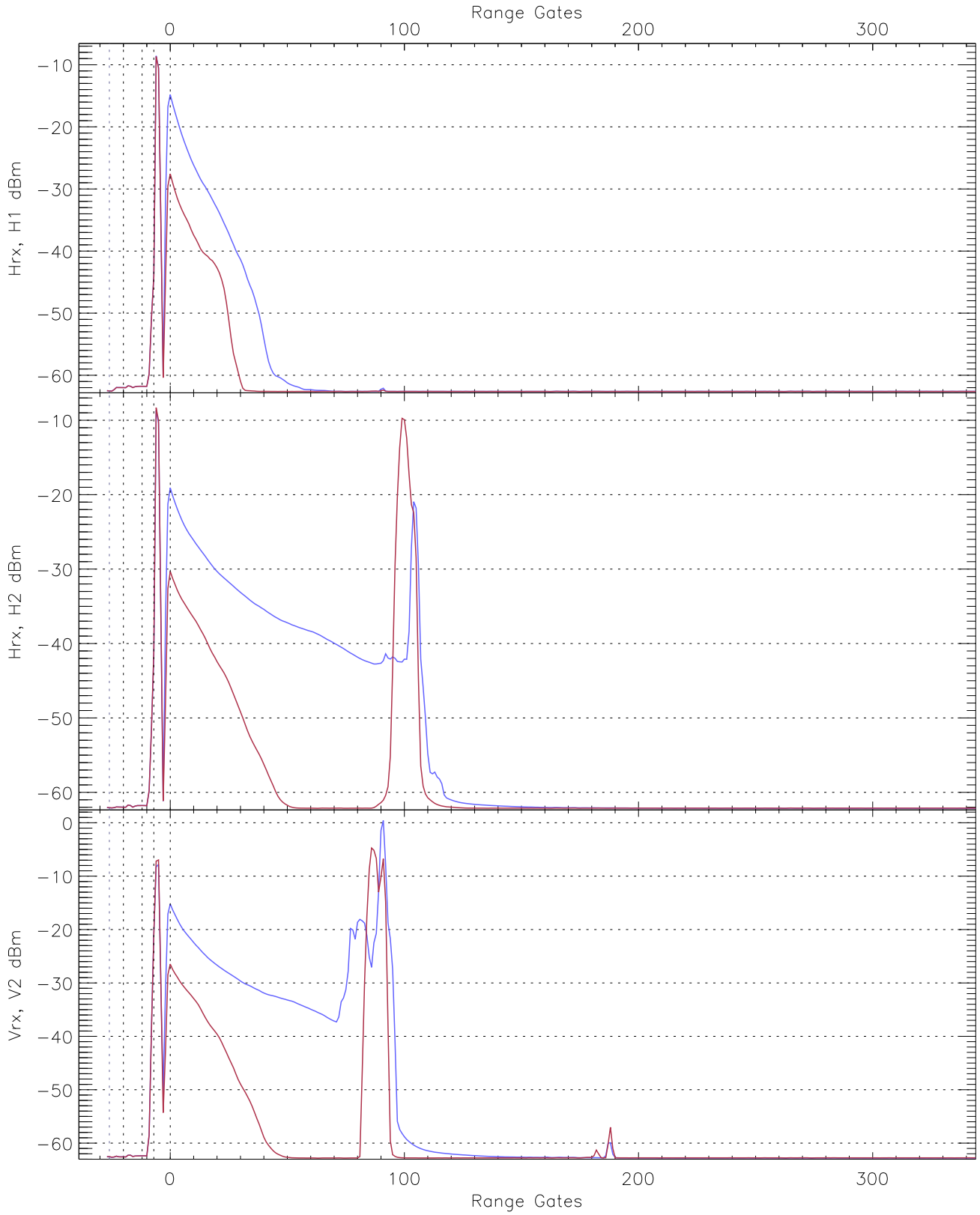
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.52	-61.66	-62.52	-62.53	-75.06
Hrx, H2(RM [dBm])	-63.14	-61.16	-62.06	-62.06	-74.60
Vrx, V2(RM [dBm])	-63.58	-61.64	-62.54	-62.55	-75.07

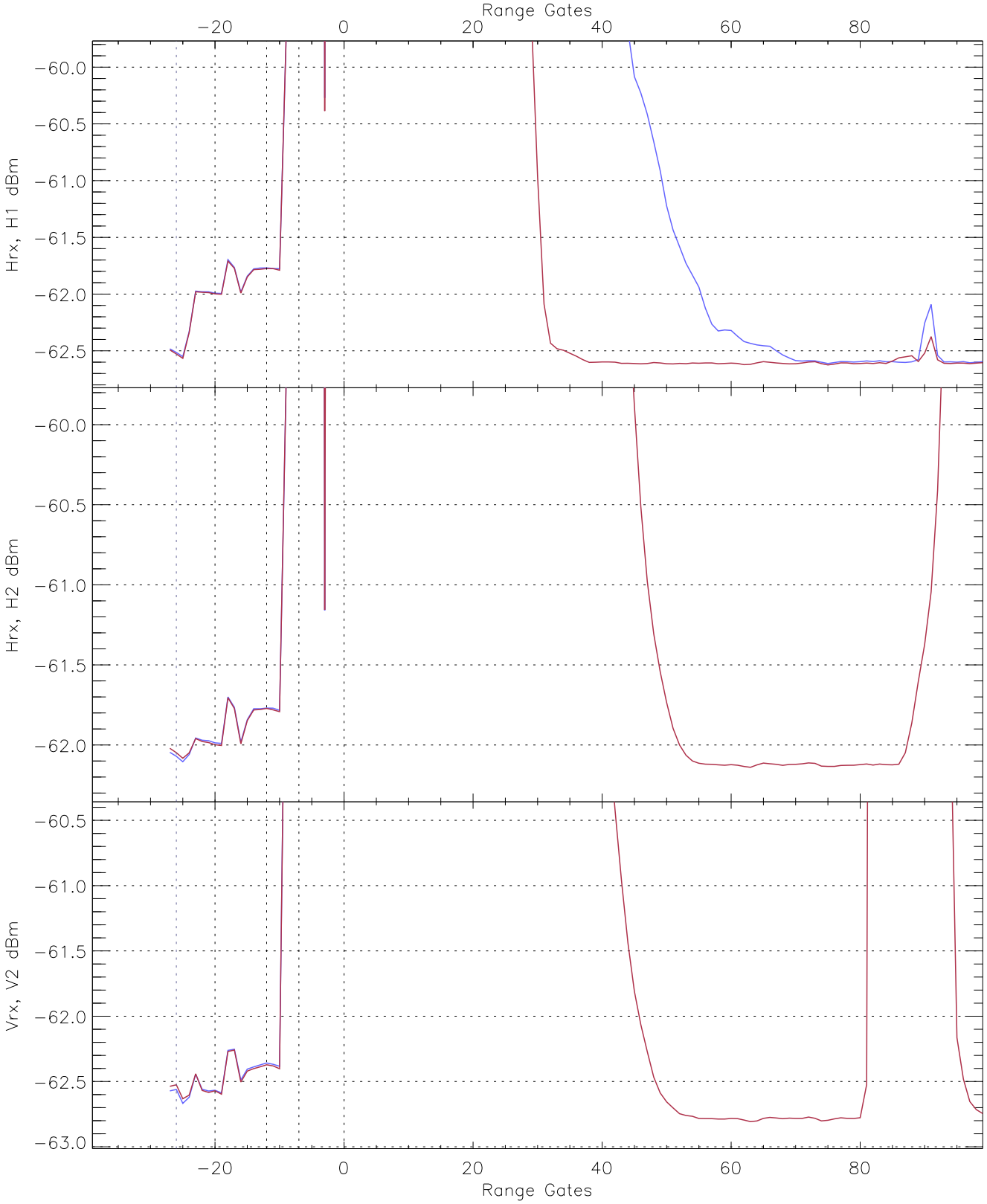


WCR2 CPP "Best" estimate Receivers Noise Power

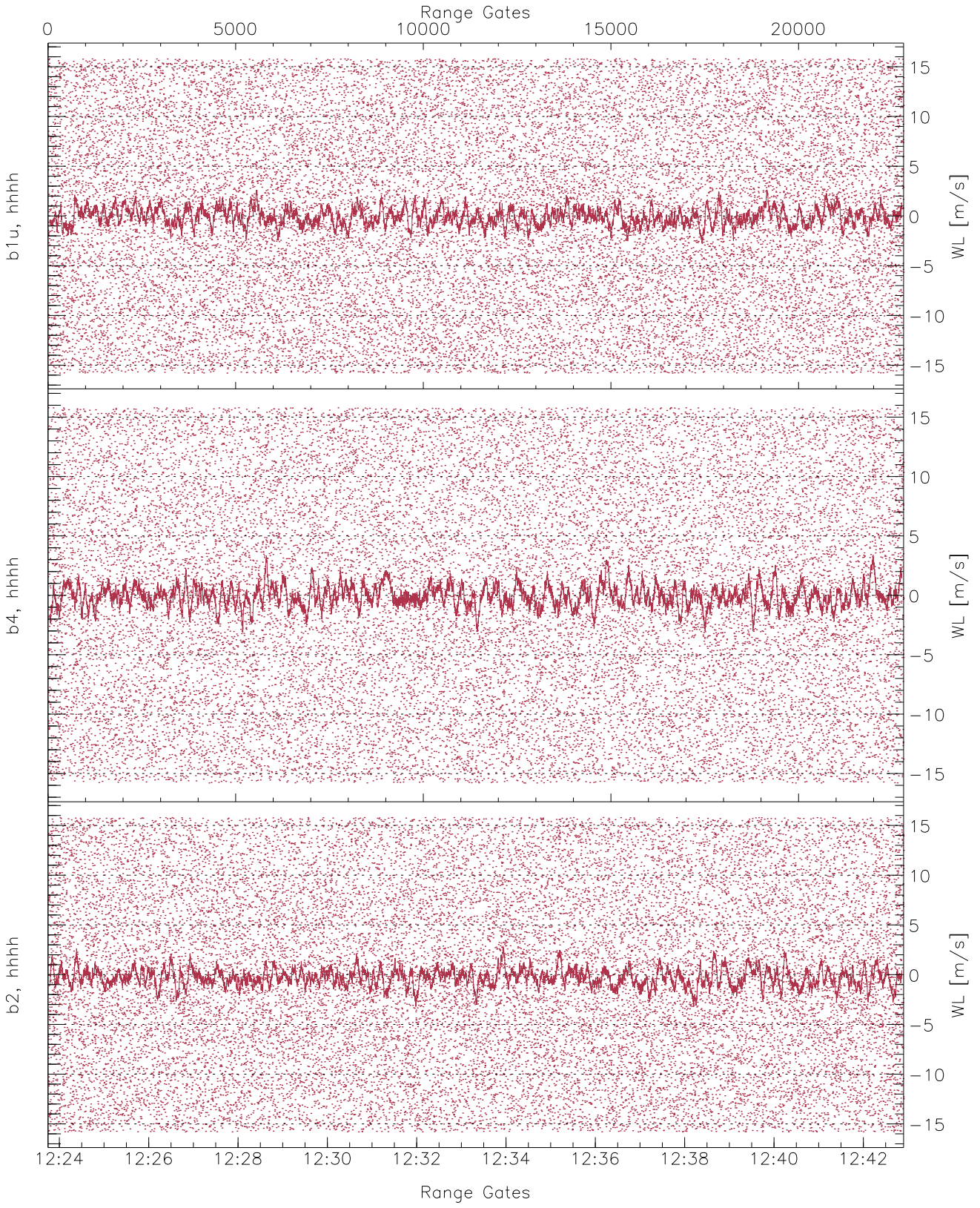
	Min	Max	Mean	Median	StDev
H1RG75_0 [dBm]	-63.62	-61.63	-62.62	-62.62	-75.17
H2RG262_0 [dBm]	-63.15	-61.24	-62.14	-62.15	-74.70
V2RG263_0 [dBm]	-63.89	-61.81	-62.80	-62.80	-75.32



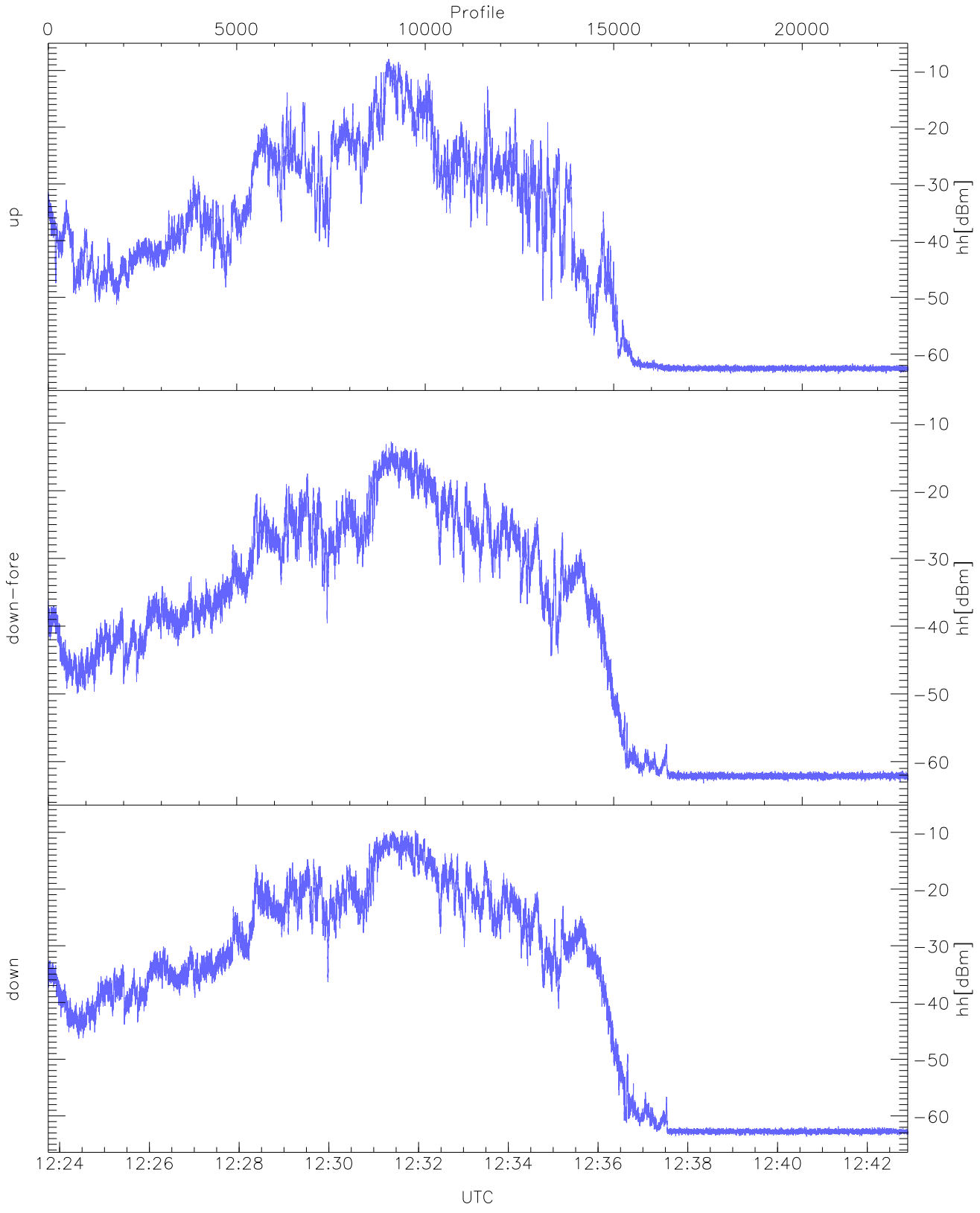
WCR2 CPP Averaged Received power for all recorded gates
blue: 122345-123319, 11401 profiles averaged
red: 123319-124254, 11400 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 122345-123319, 11401 profiles averaged
red: 123319-124254, 11400 profiles averaged

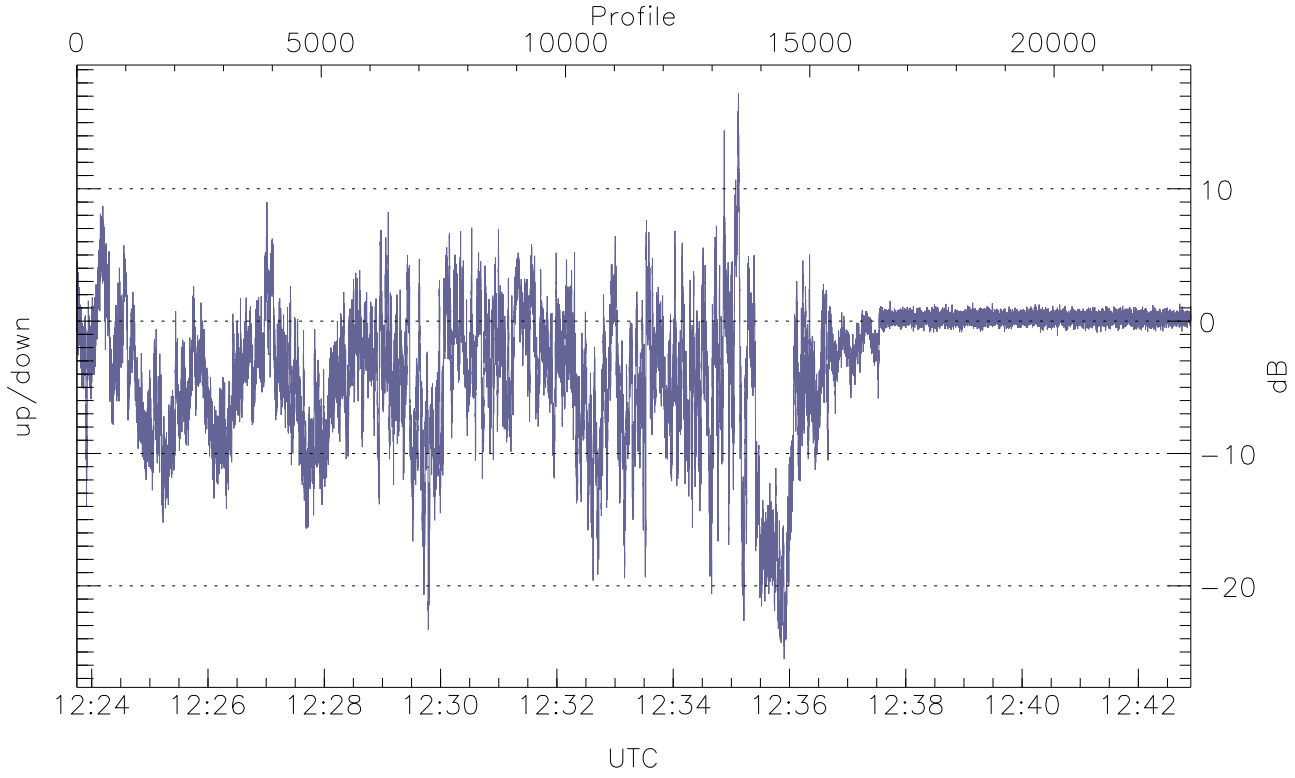


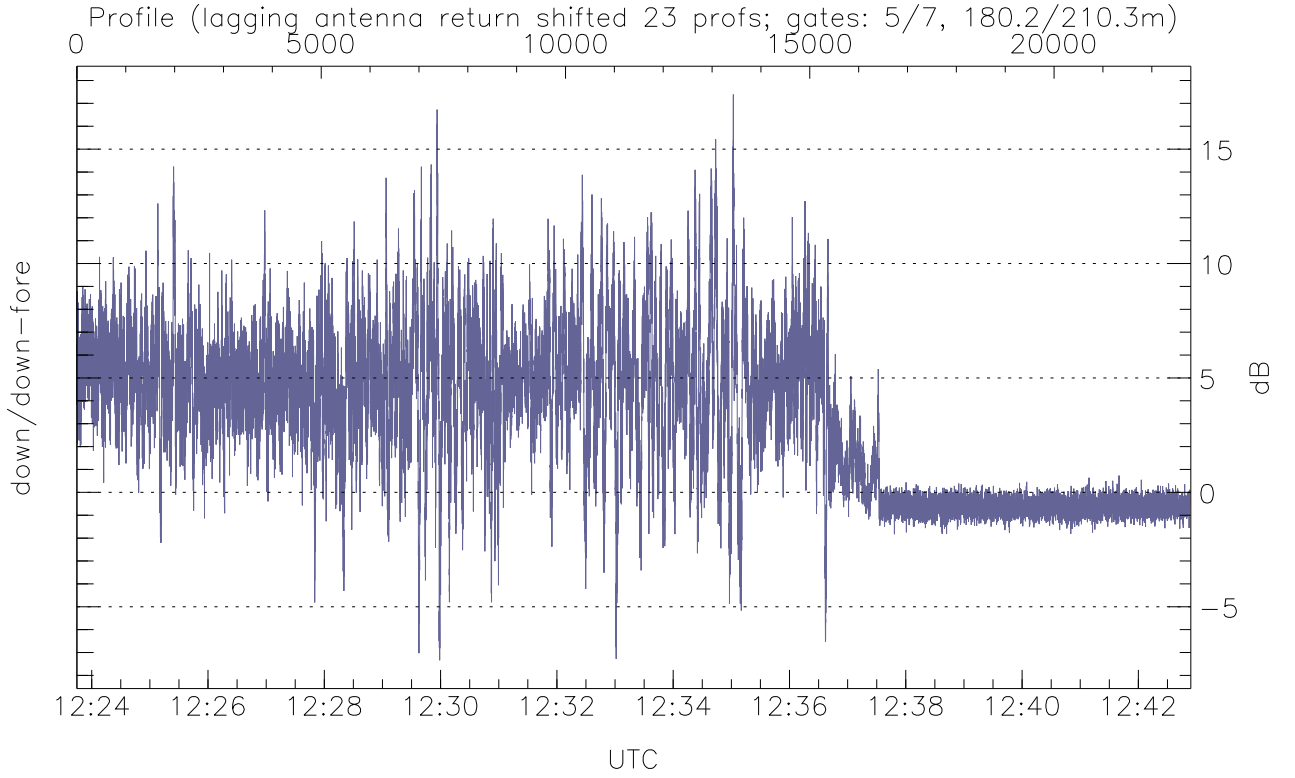
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

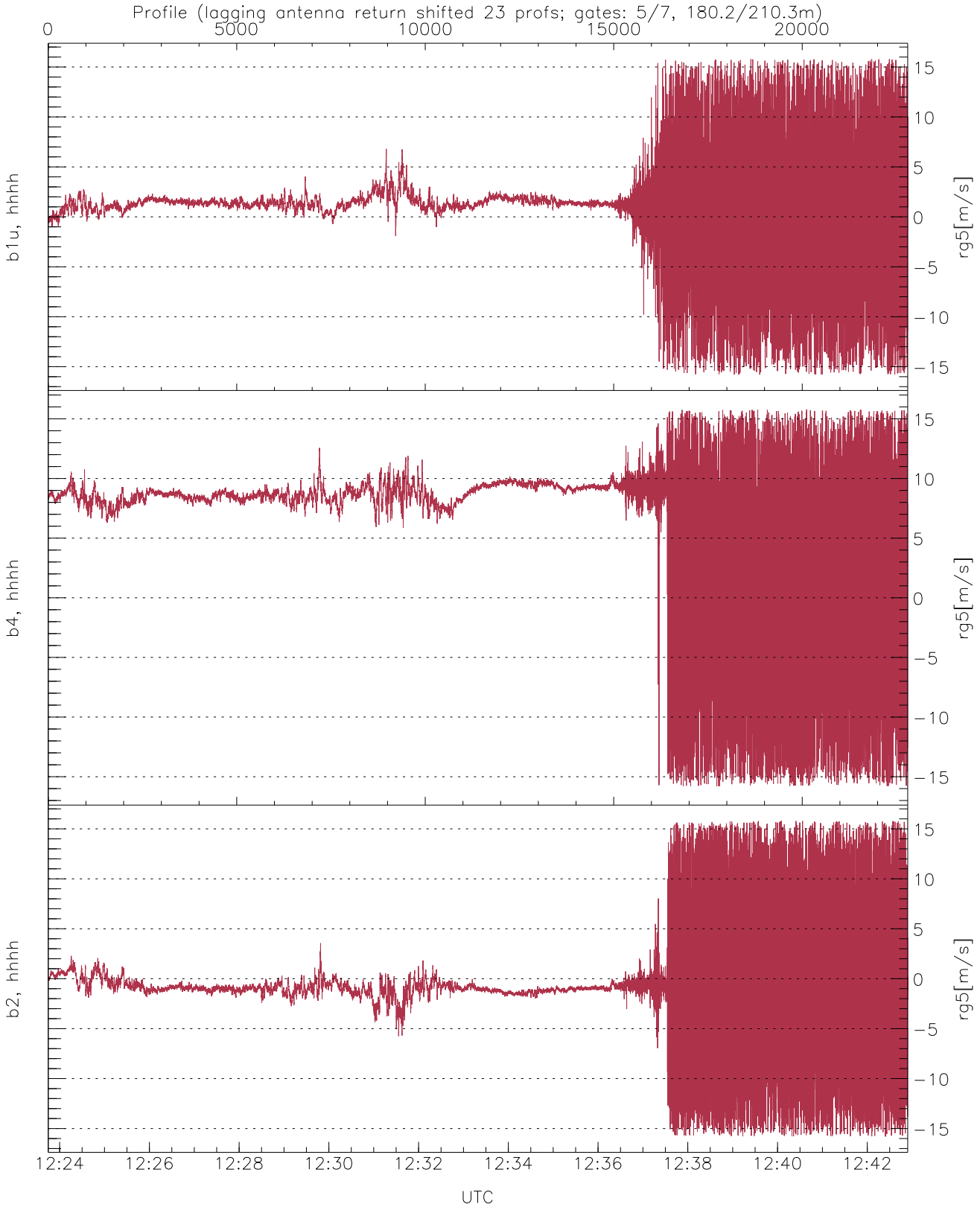
	Min	Max	Mean
up(hh[dBm])	-63.50	-7.98	-24.05
down-fore(hh[dBm])	-63.22	-12.79	-26.09
down(hh[dBm])	-63.64	-9.68	-22.30





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

	Min	Max	Mean
up/down(dB)	-25.53	17.22	-3.24
down/down-fore(dB)	-7.34	17.39	3.21



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.79	0.96	4.31
b4, hhhh(rg5[m/s])	-15.79	15.79	6.27	6.25
b2, hhhh(rg5[m/s])	-15.80	15.79	-0.71	4.85