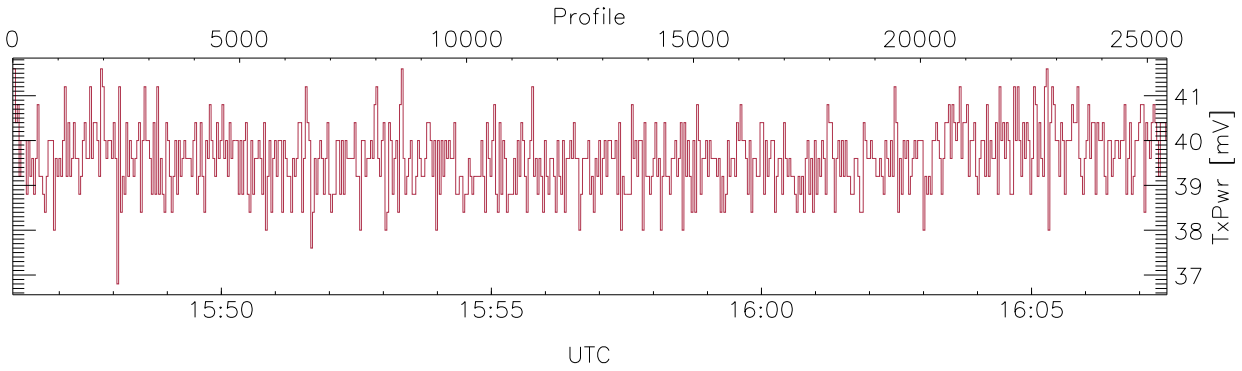
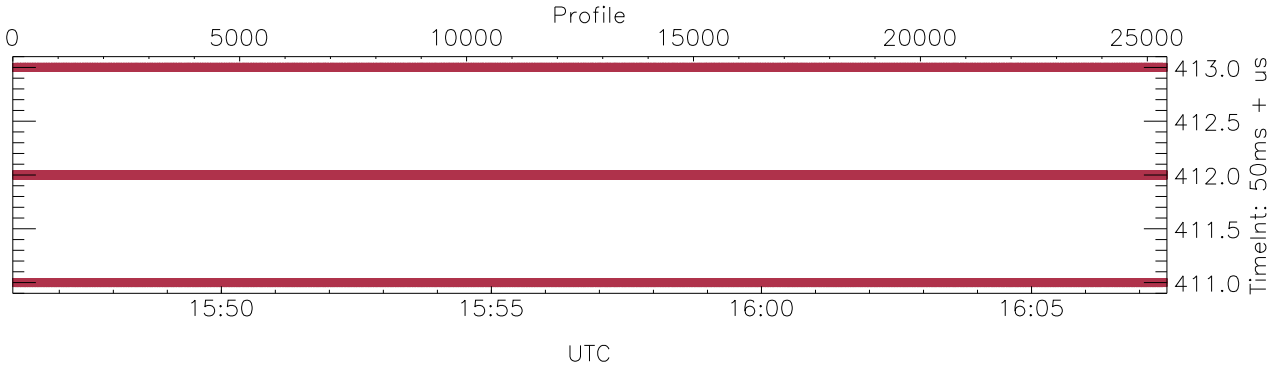
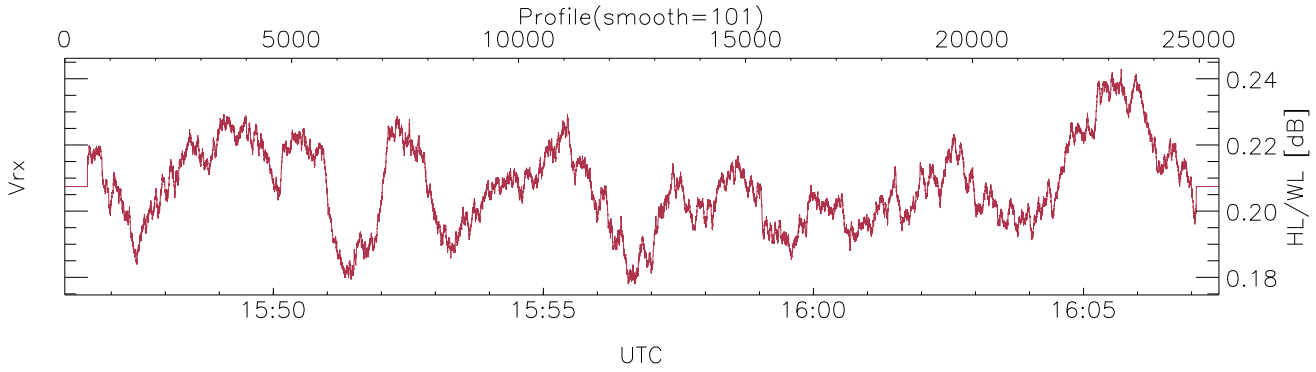
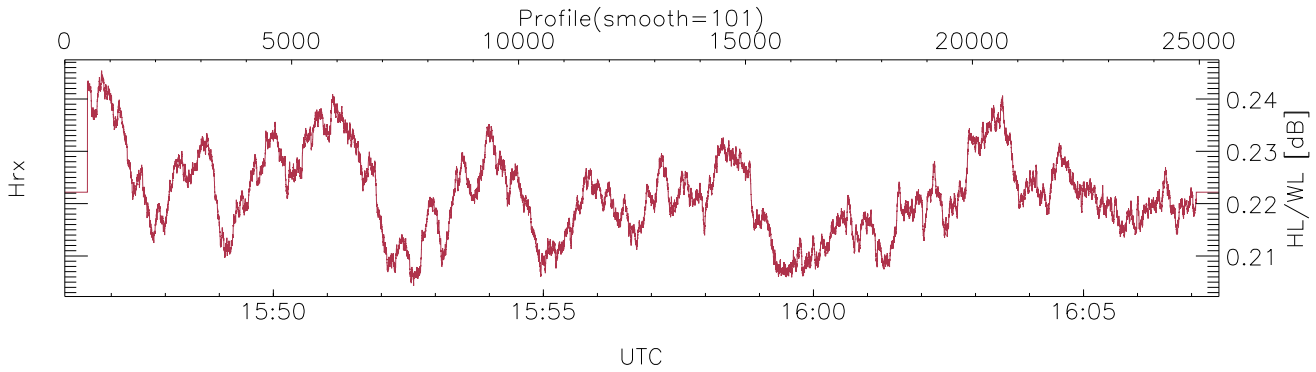


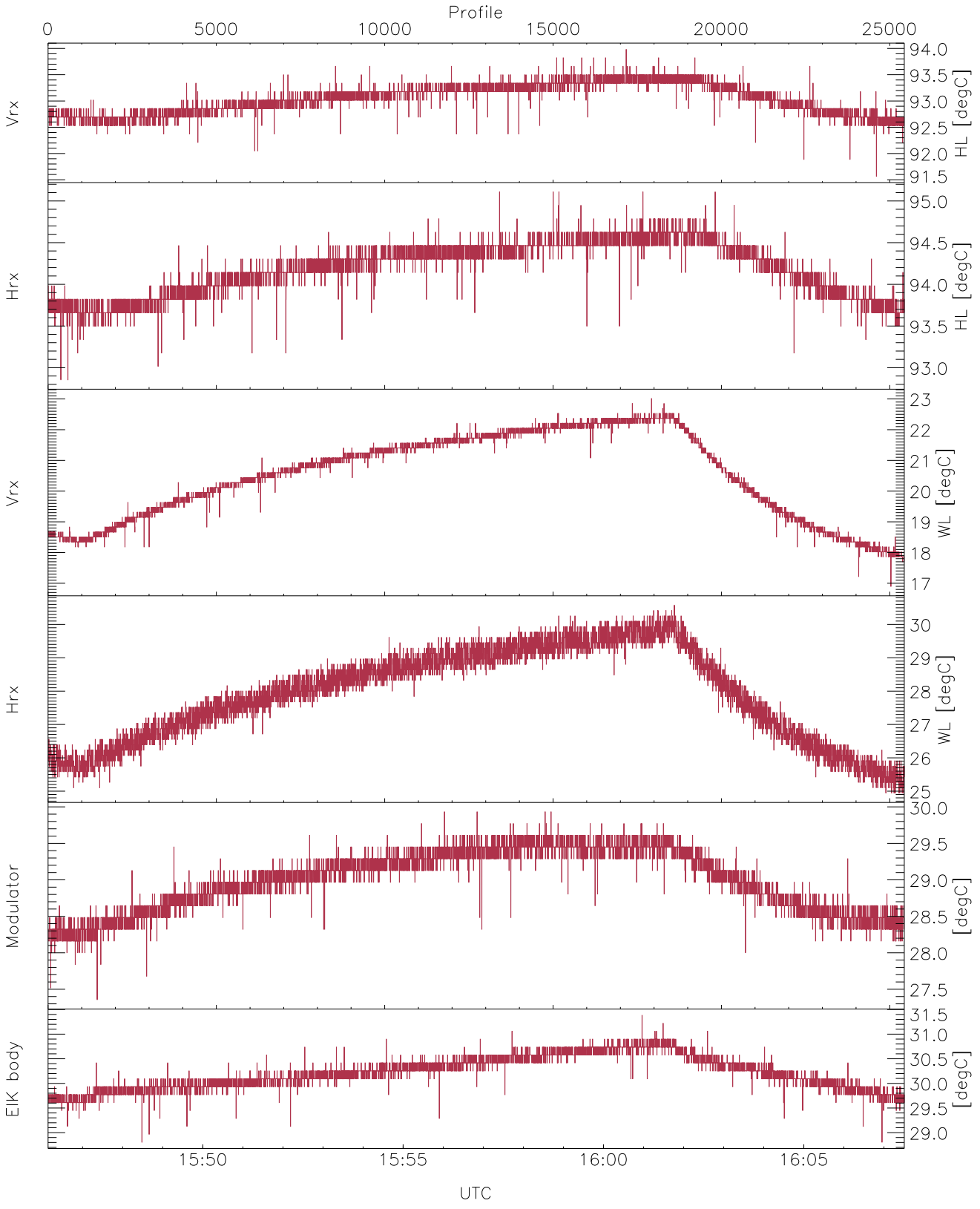






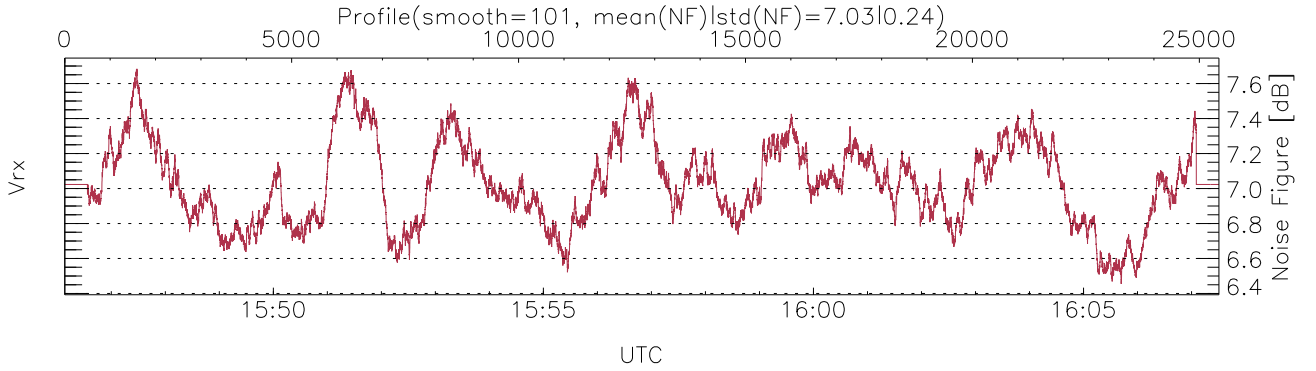
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

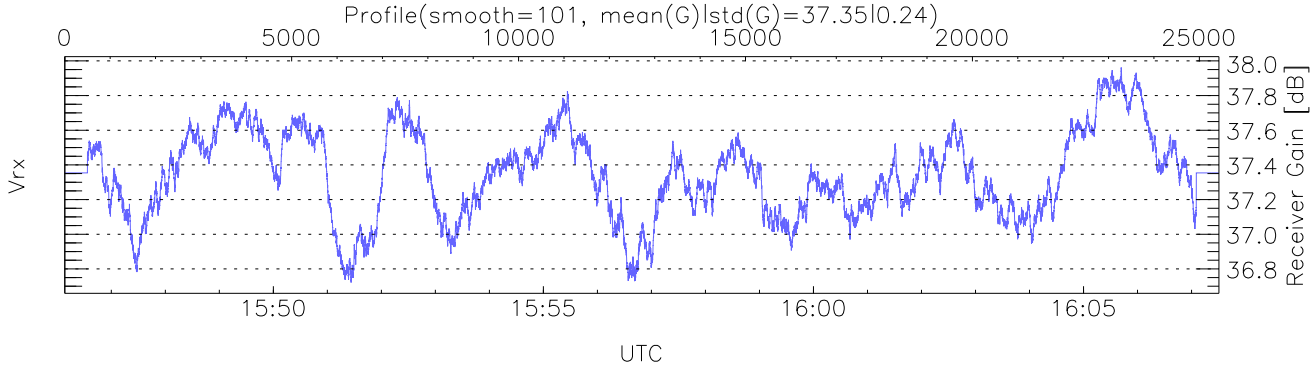
UTC: 15:46:08-16:07:30, Dur: 1282.14s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
NumRec(r/t): 25434/25434, 0-25433/15:46:08-16:07:30
AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
PRF: 20.0 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

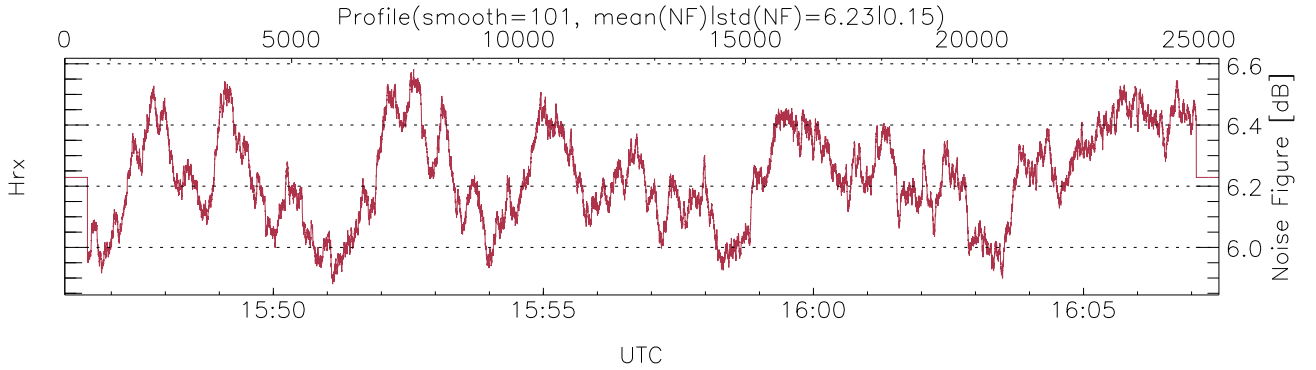


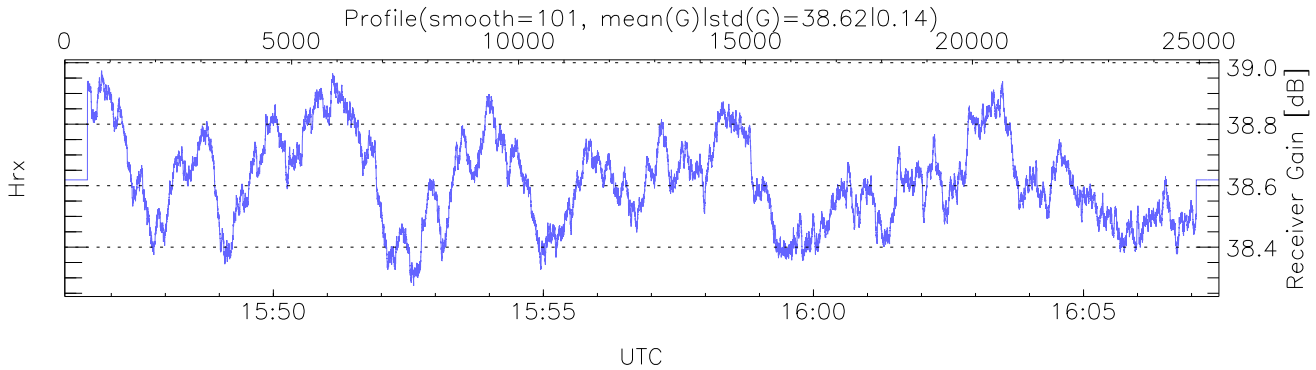
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,16,24,27,28
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,23,30,29,31
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (10,10,16,21,10,16)



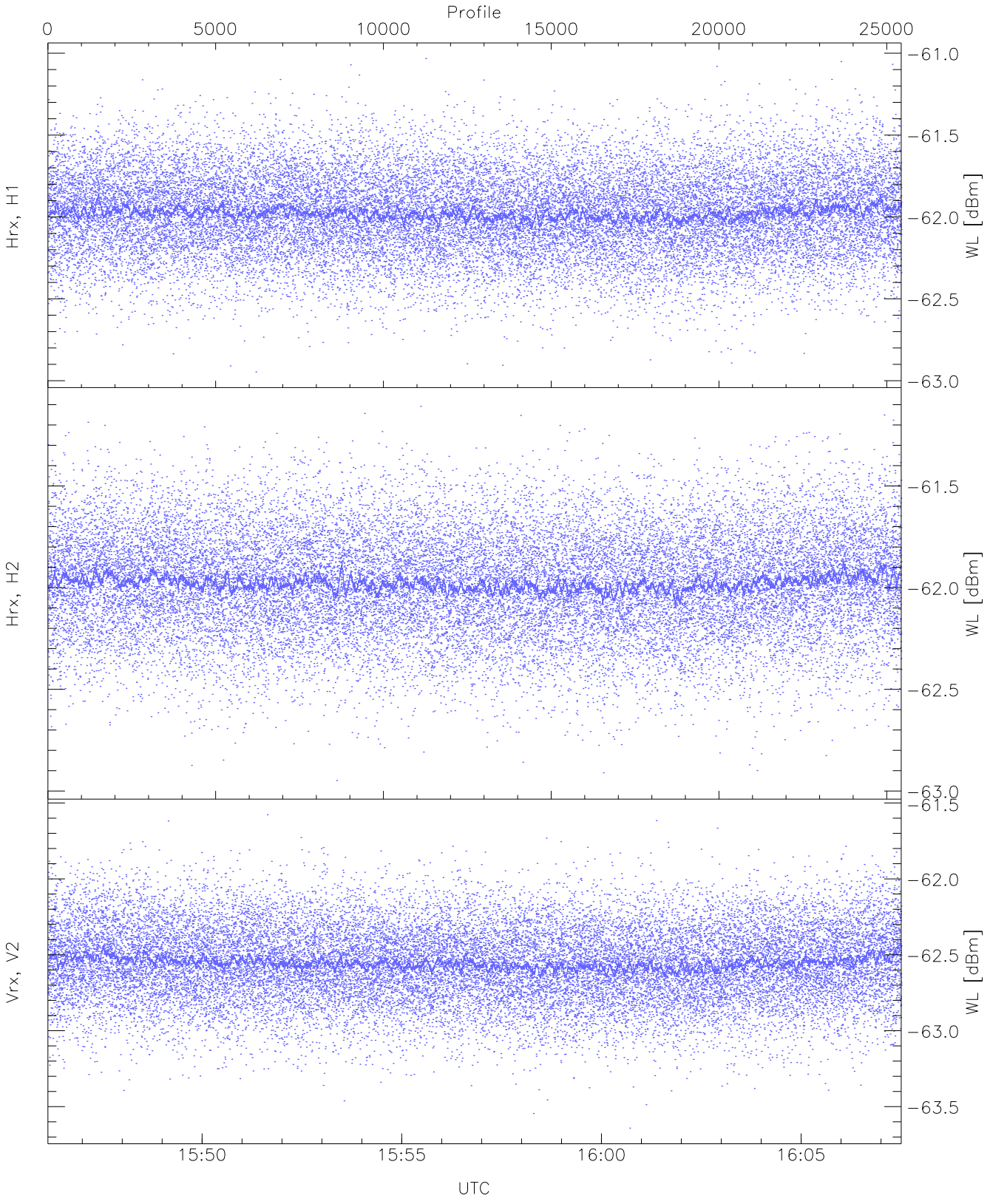






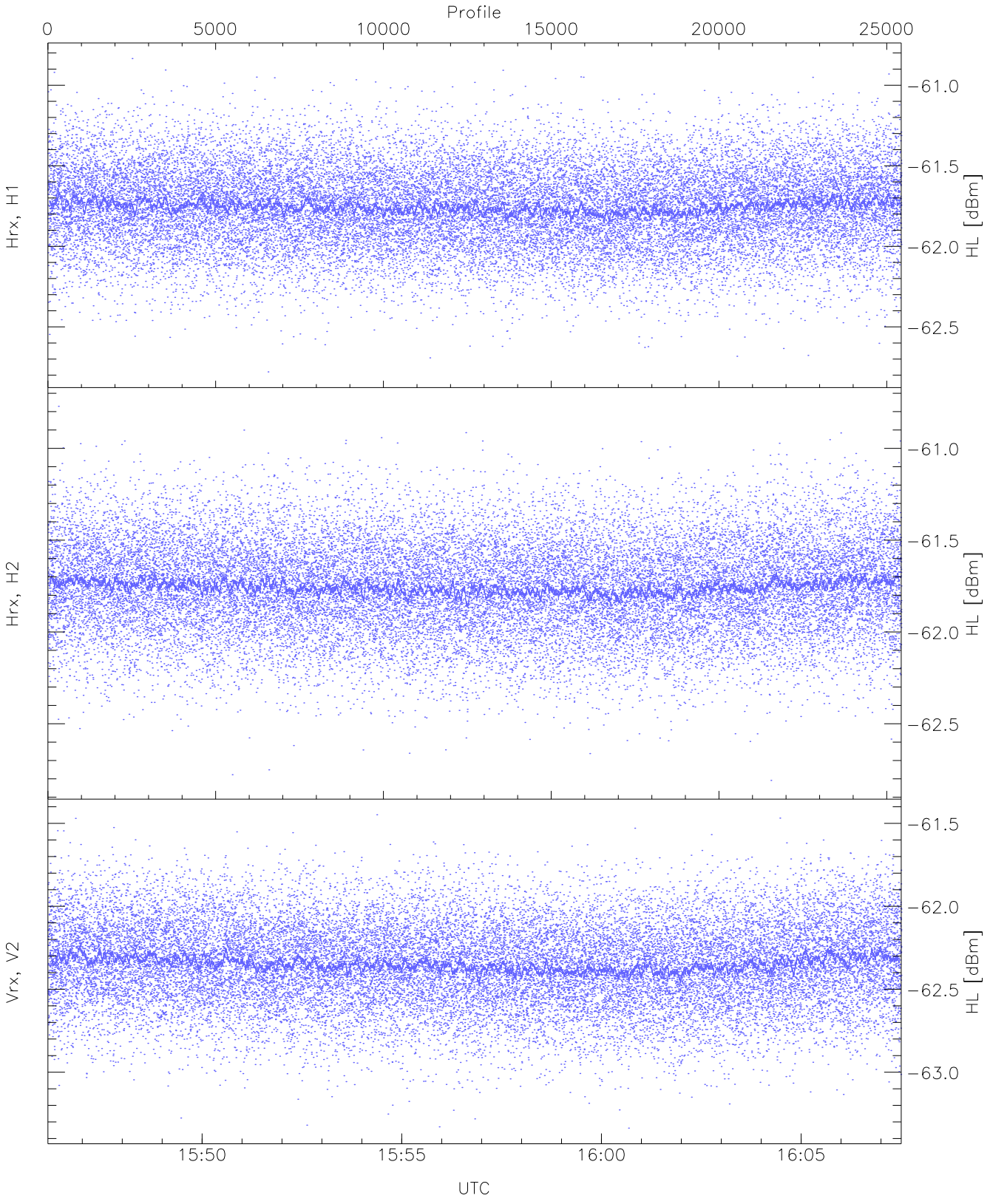
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 22797 pixs, 78 gates, 22188 profs, 2 prods



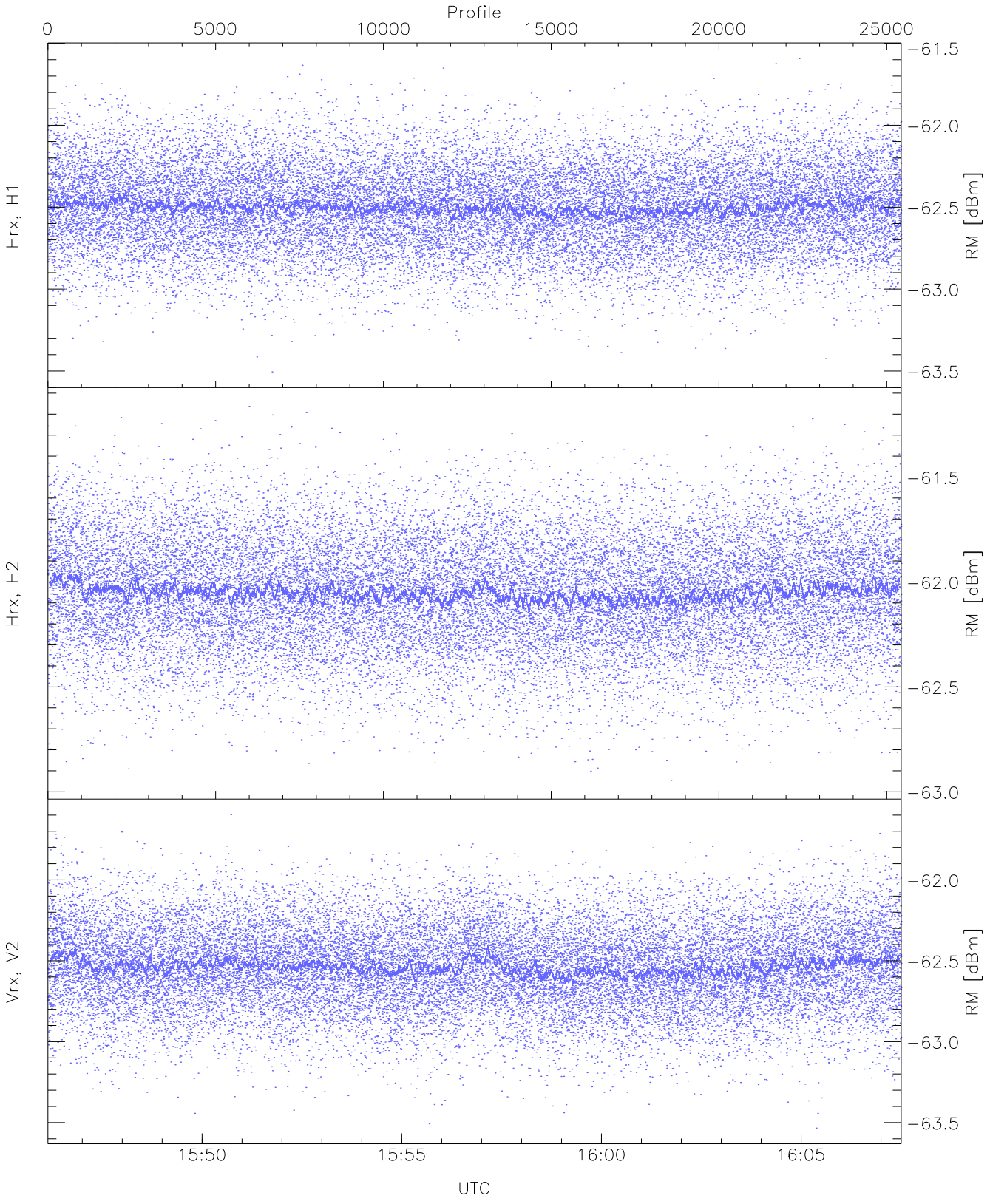
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.95	-61.03	-61.97	-61.98	-74.52
Hrx, H2(WL [dBm])	-62.95	-61.11	-61.97	-61.98	-74.53
Vrx, V2(WL [dBm])	-63.64	-61.58	-62.55	-62.56	-75.08



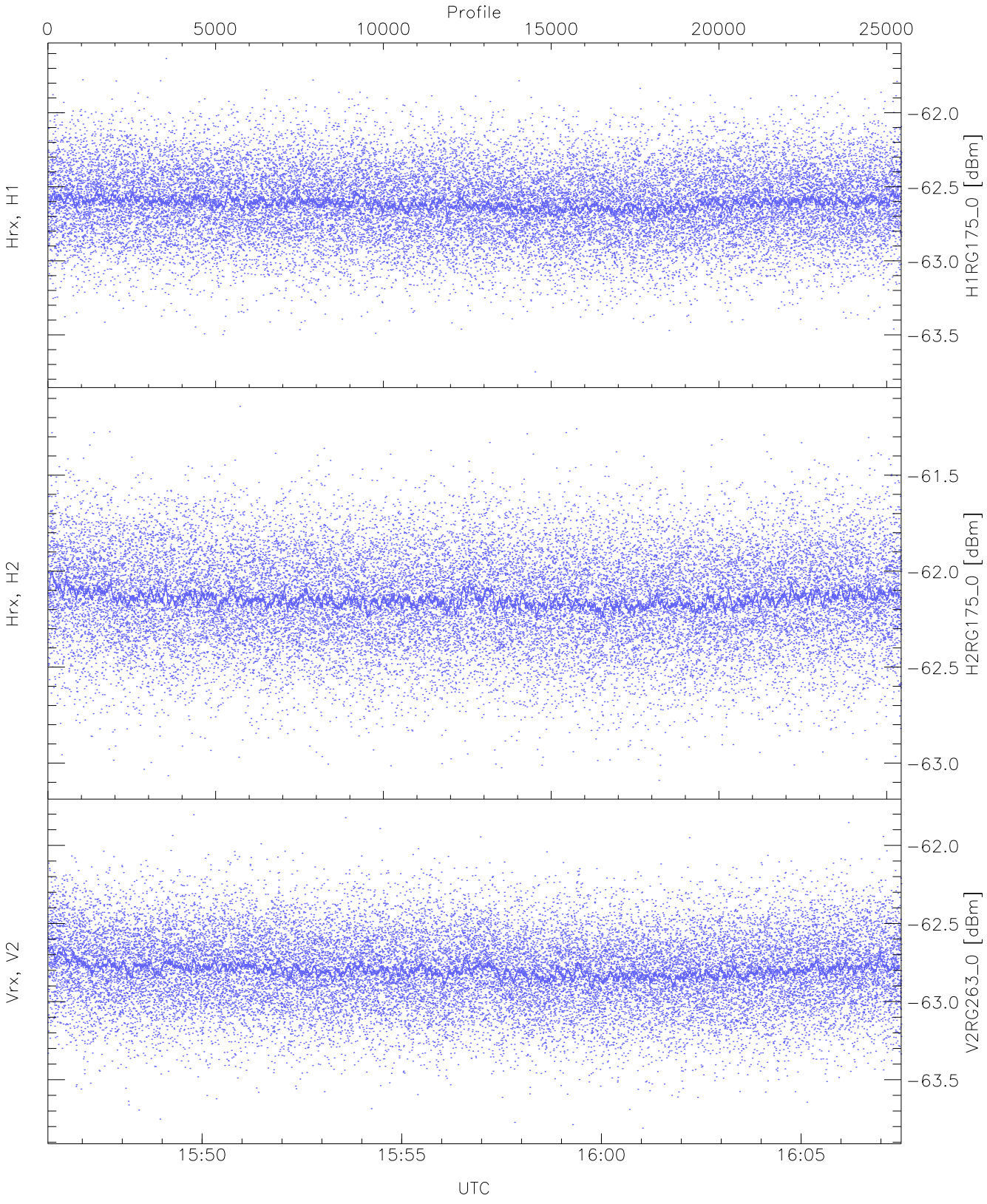
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.78	-60.83	-61.75	-61.75	-74.31
Hrx, H2(HL [dBm])	-62.81	-60.77	-61.75	-61.76	-74.31
Vrx, V2(HL [dBm])	-63.34	-61.45	-62.34	-62.35	-74.88



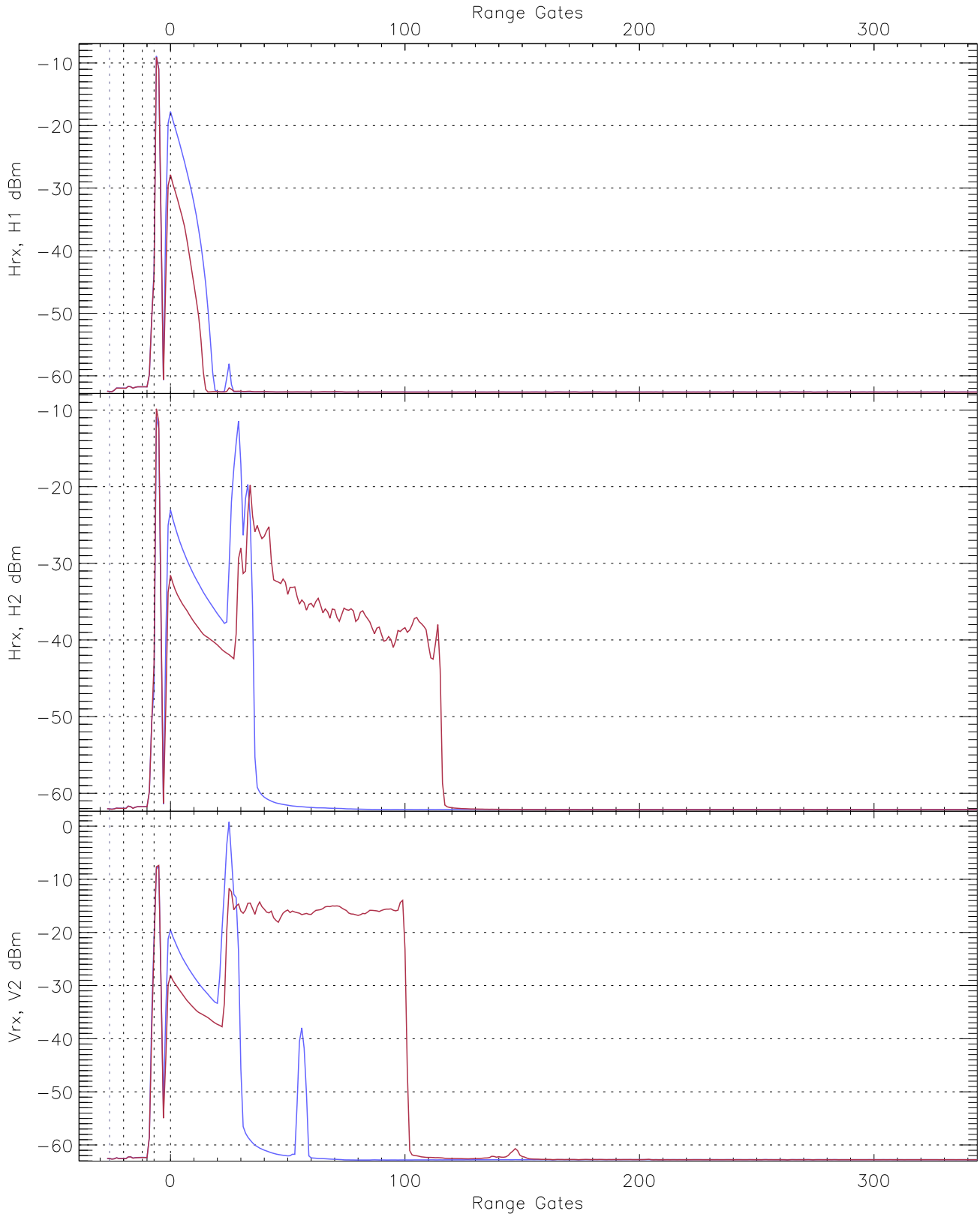
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.51	-61.59	-62.50	-62.50	-75.05
Hrx, H2(RM [dBm])	-62.95	-61.16	-62.05	-62.05	-74.57
Vrx, V2(RM [dBm])	-63.53	-61.60	-62.53	-62.54	-75.03

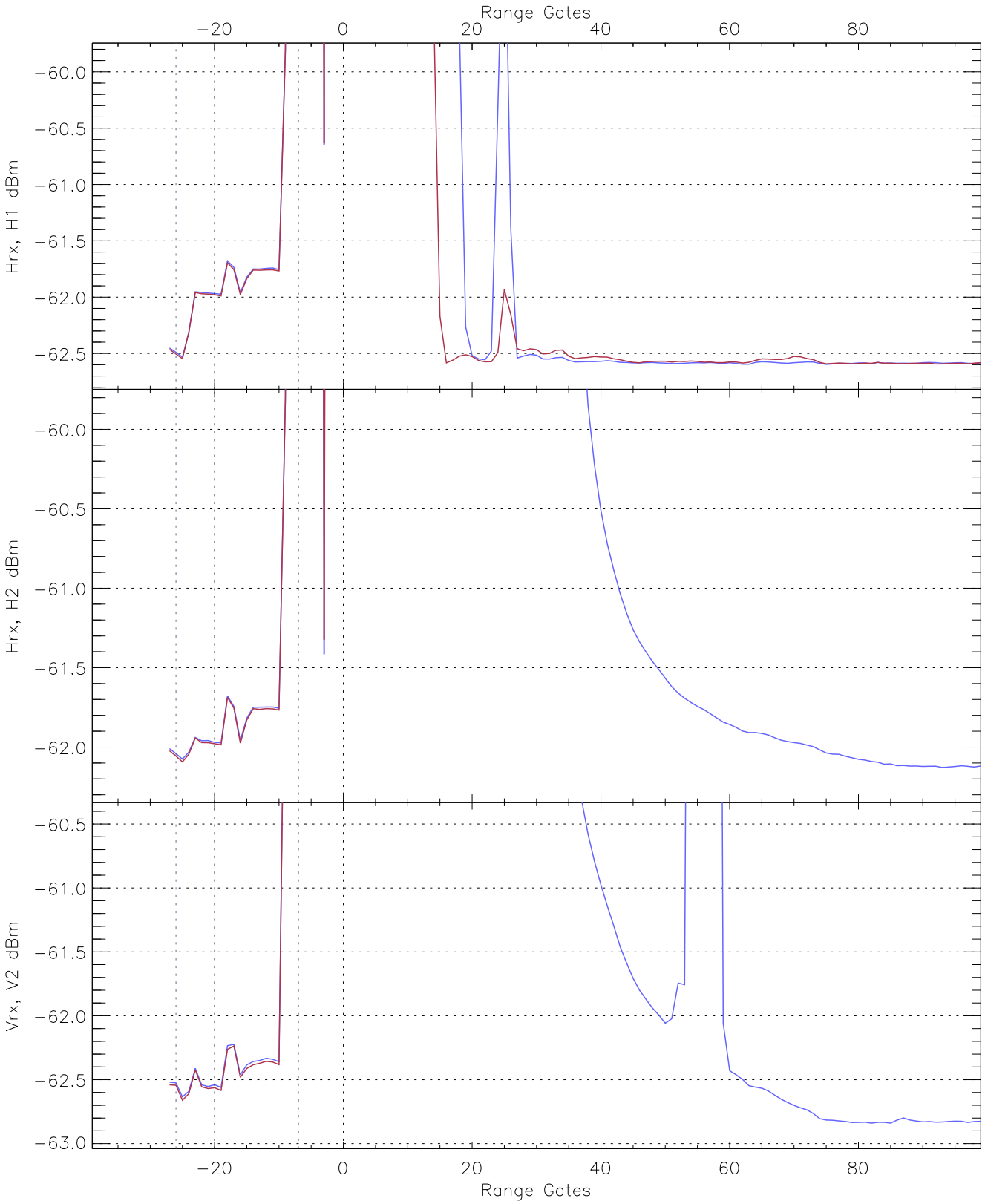


WCR2 CPP "Best" estimate Receivers Noise Power

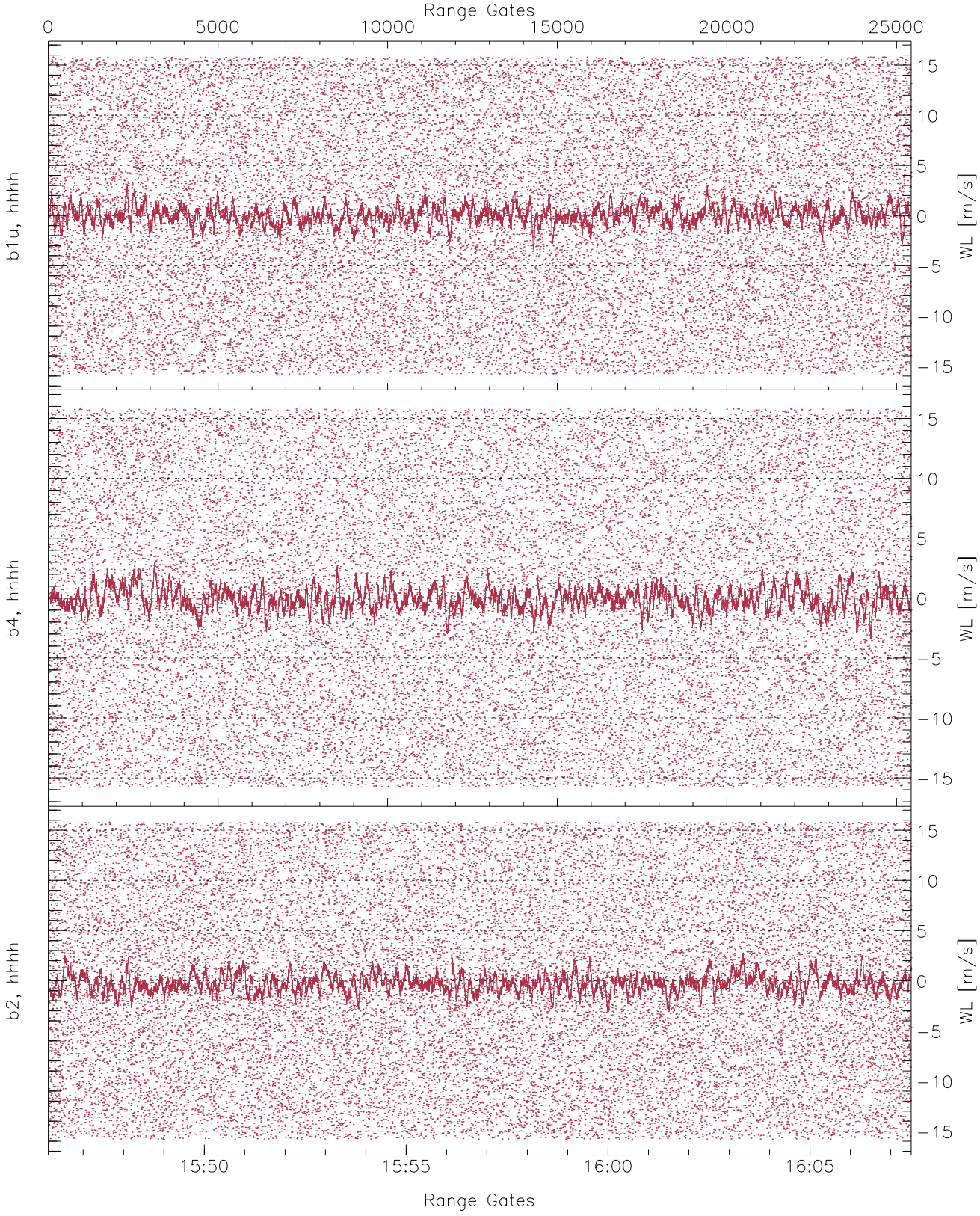
	Min	Max	Mean	Median	StDev
H1RG175_0 [dBm]	-63.75	-61.63	-62.61	-62.61	-75.16
H2RG175_0 [dBm]	-63.09	-61.14	-62.14	-62.15	-74.68
V2RG263_0 [dBm]	-63.81	-61.80	-62.79	-62.80	-75.34



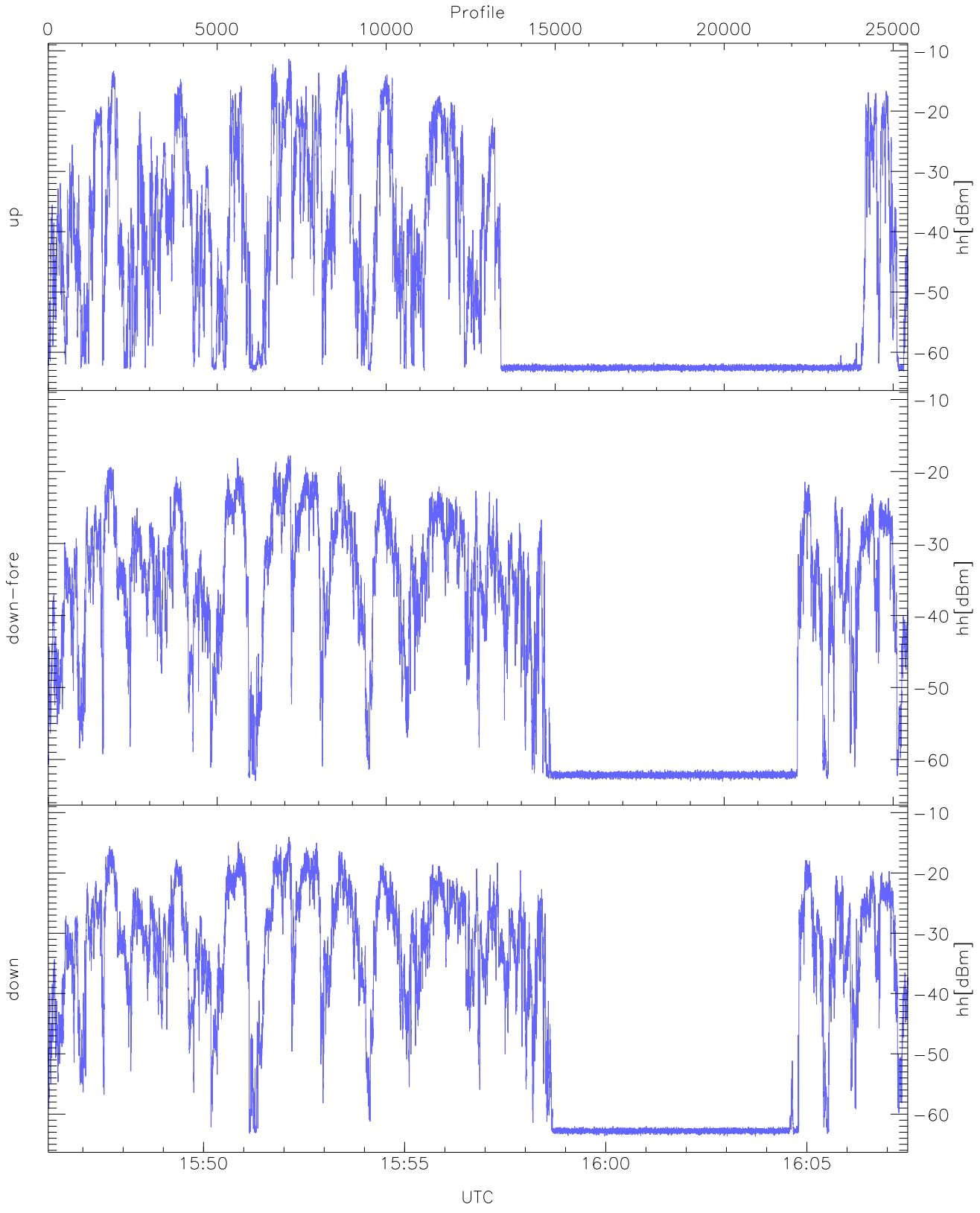
WCR2 CPP Averaged Received power for all recorded gates
blue: 154608-155649, 12718 profiles averaged
red: 155649-160730, 12717 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 154608-155649, 12718 profiles averaged
red: 155649-160730, 12717 profiles averaged

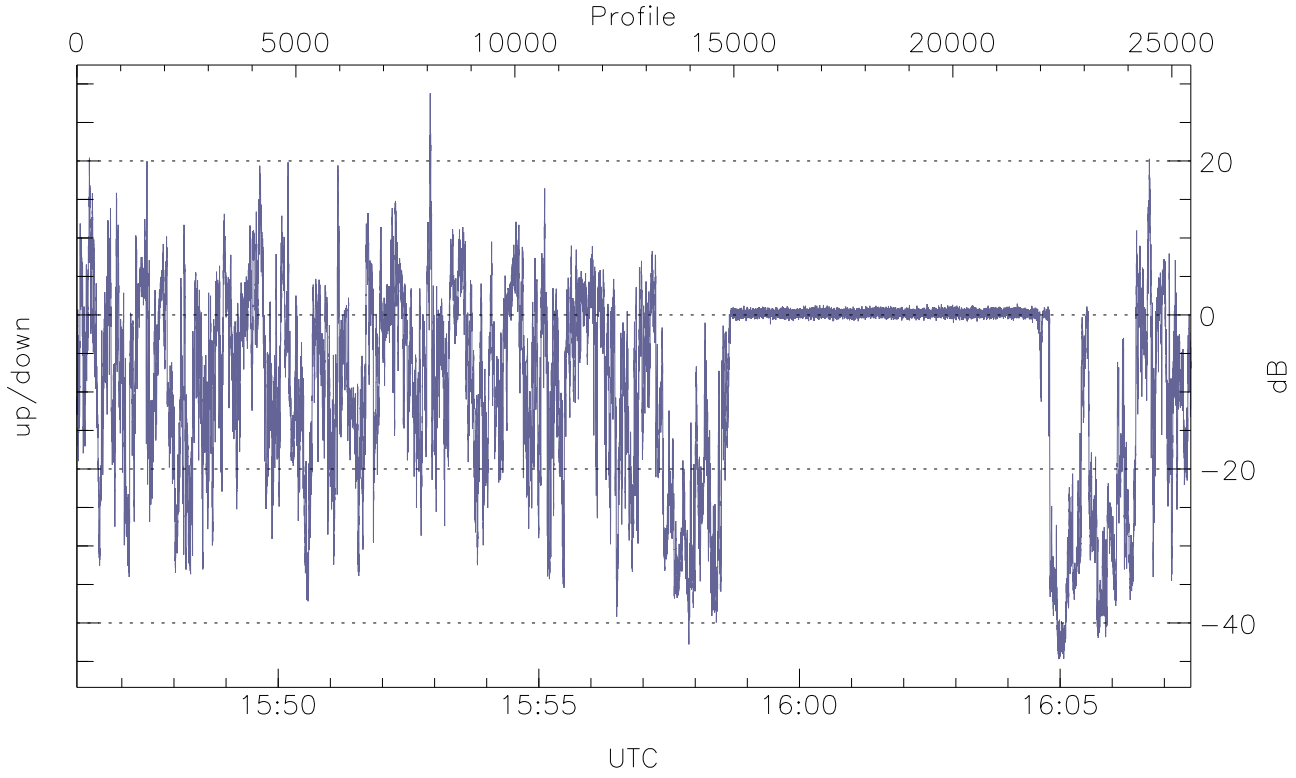


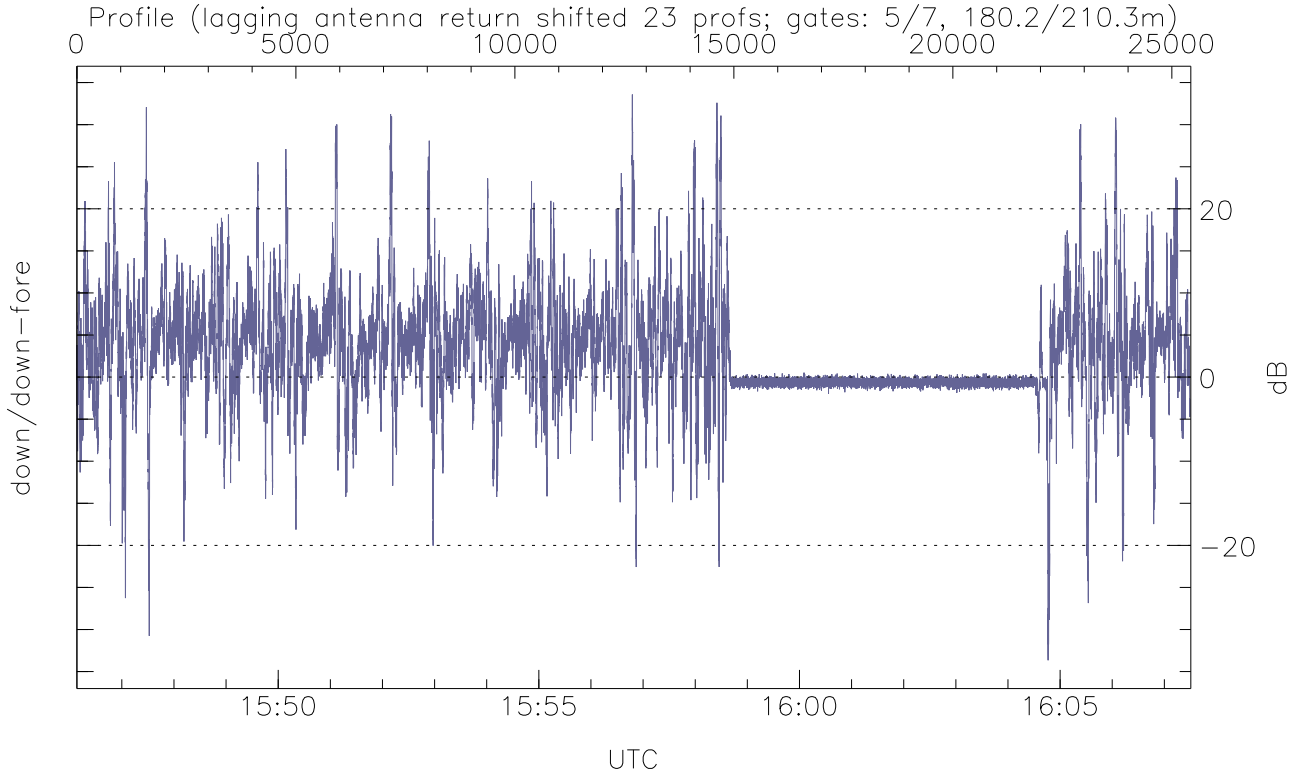
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

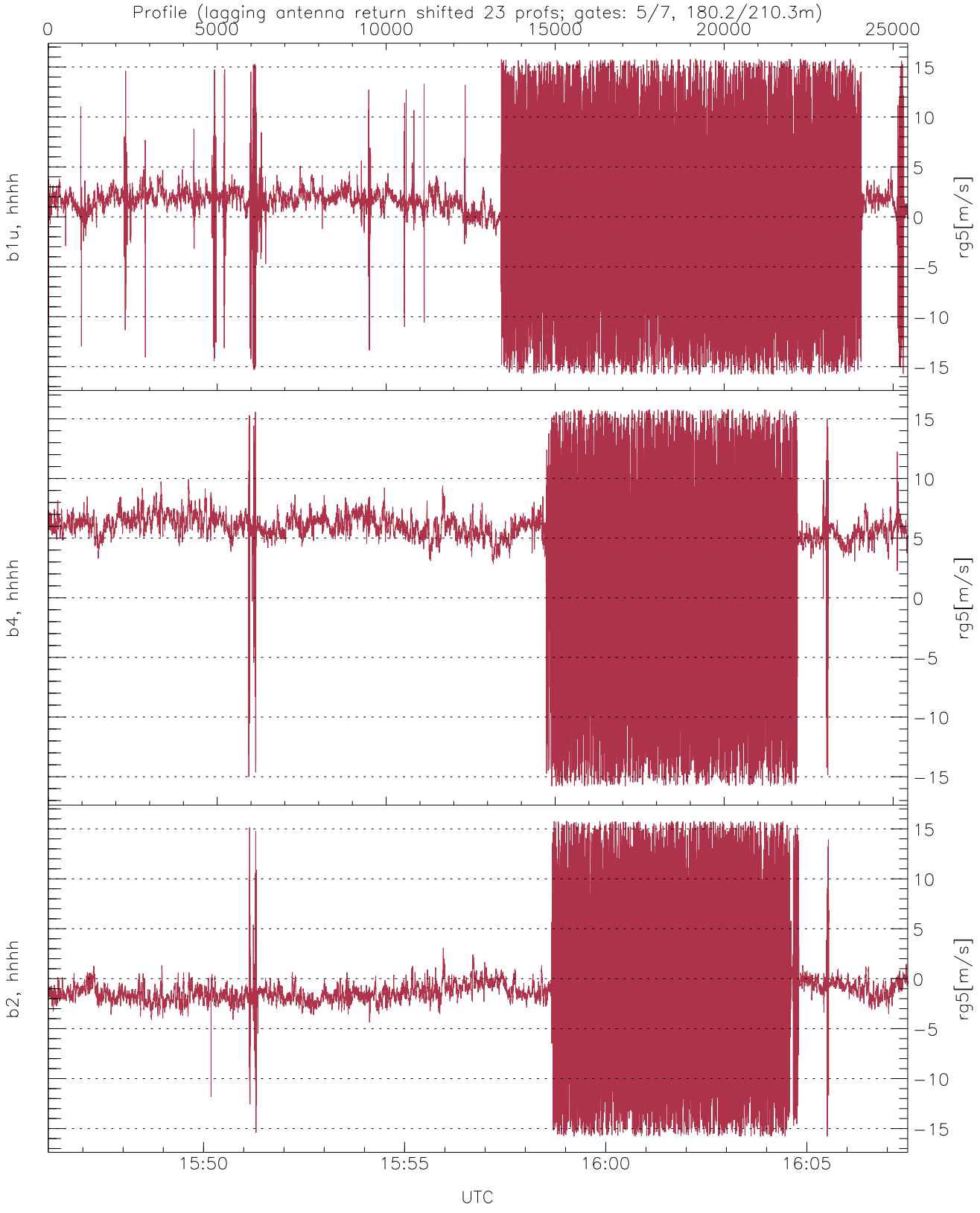
	Min	Max	Mean
up(hh[dBm])	-63.49	-11.36	-27.03
down-fore(hh[dBm])	-63.05	-17.78	-30.28
down(hh[dBm])	-63.72	-14.01	-26.90





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

	Min	Max	Mean
up/down(dB)	-44.69	28.78	-7.56
down/down-fore(dB)	-33.66	33.58	2.94



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.80	0.87	5.74
b4, hhhh(rg5[m/s])	-15.79	15.80	4.17	5.67
b2, hhhh(rg5[m/s])	-15.80	15.79	-1.08	4.89