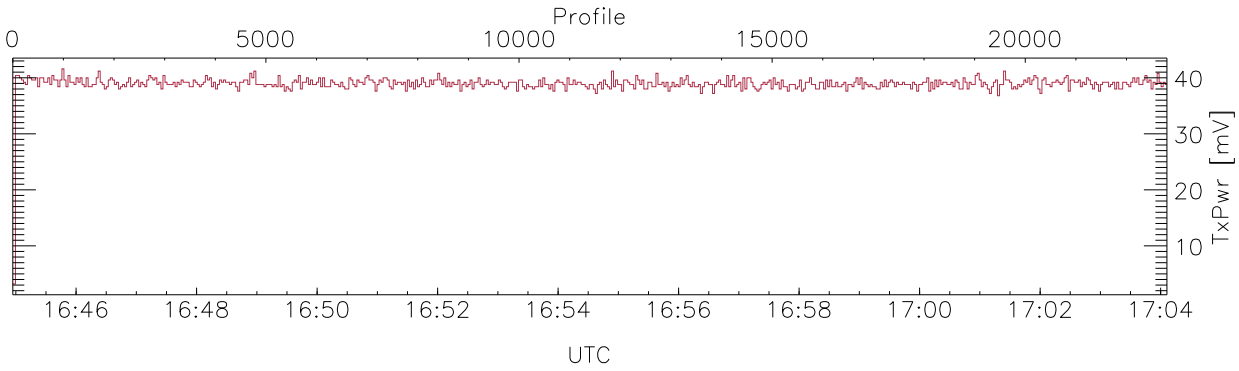
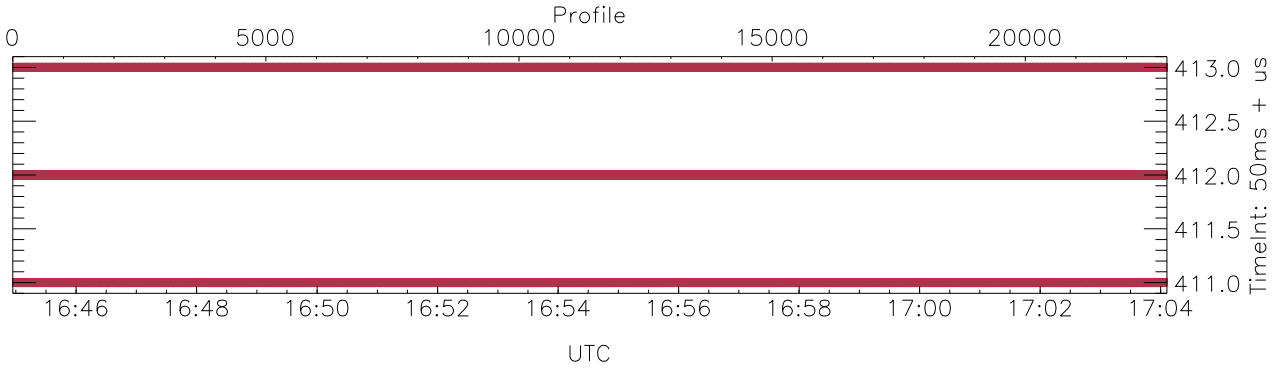
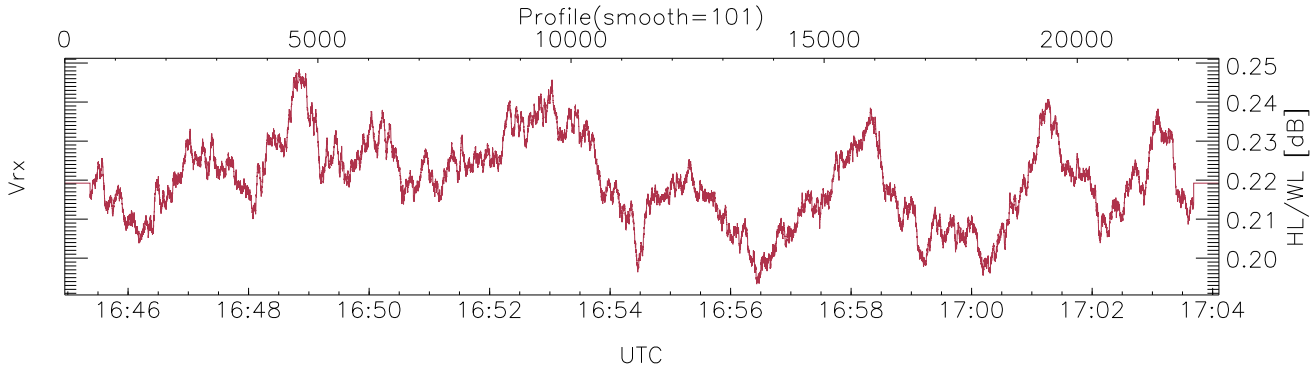
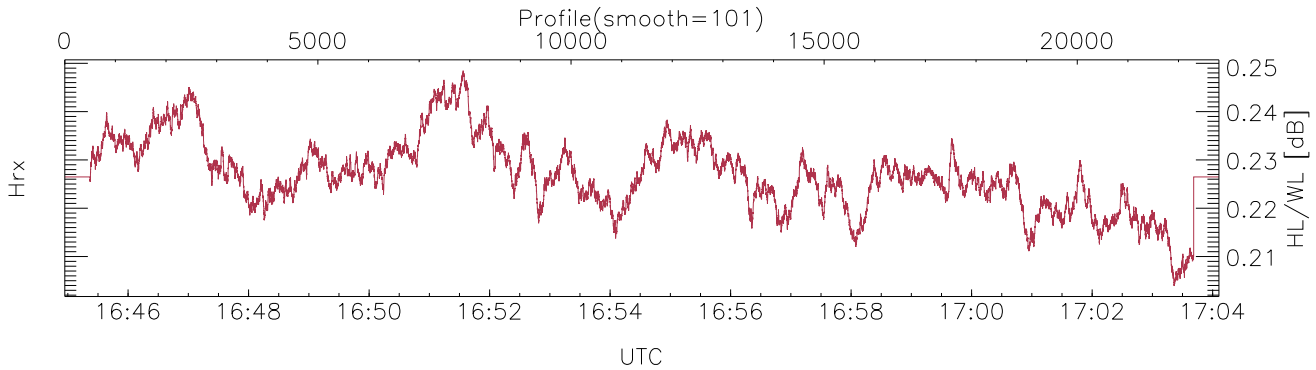


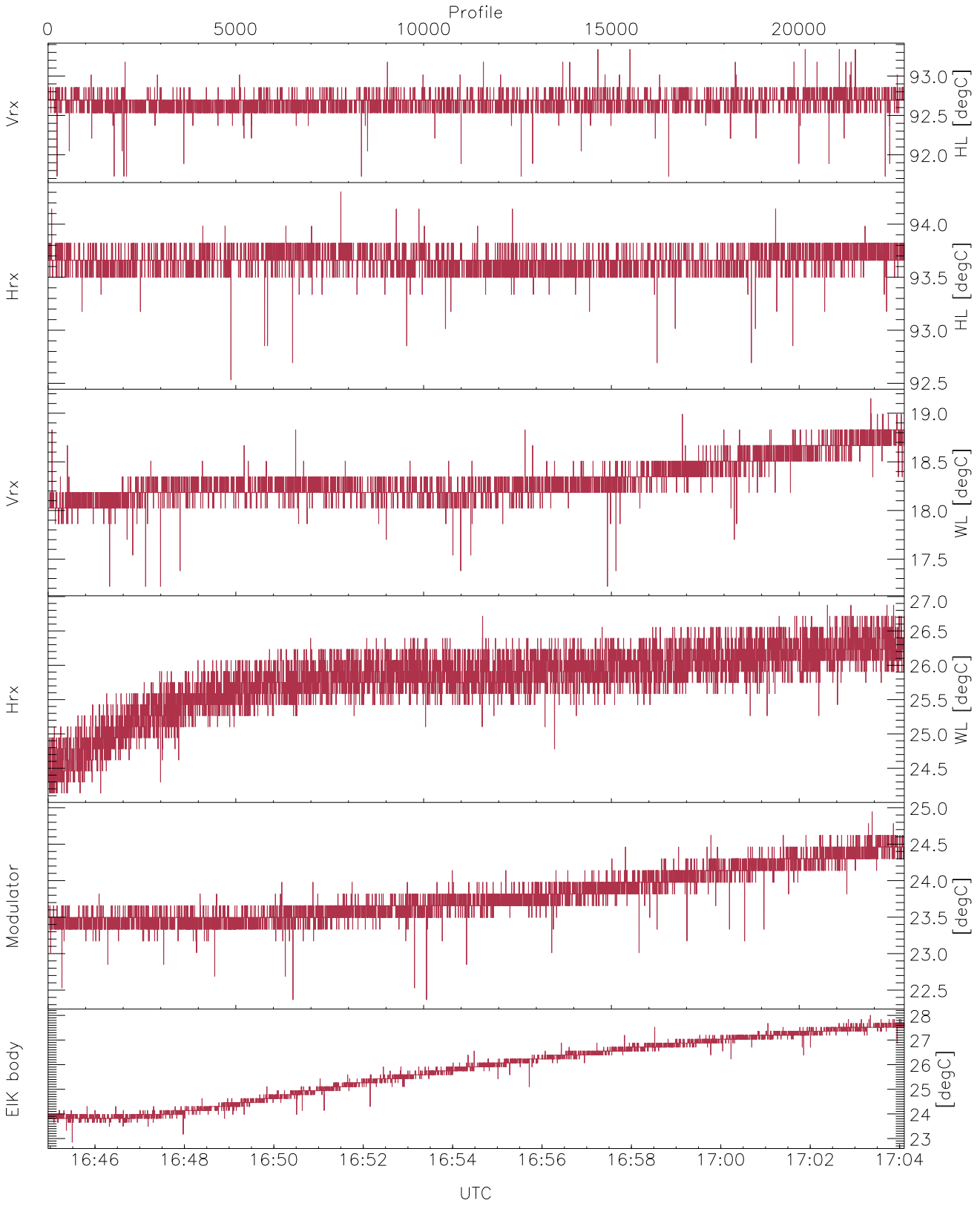






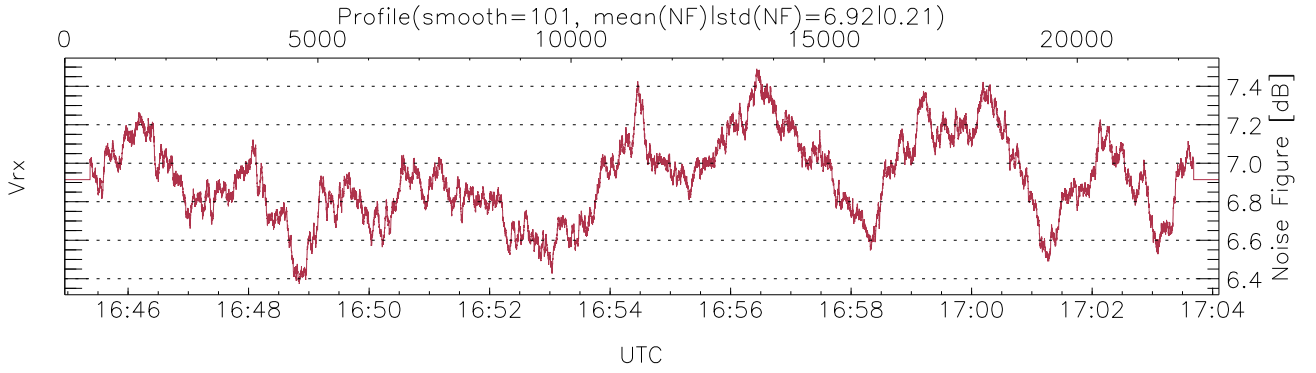
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

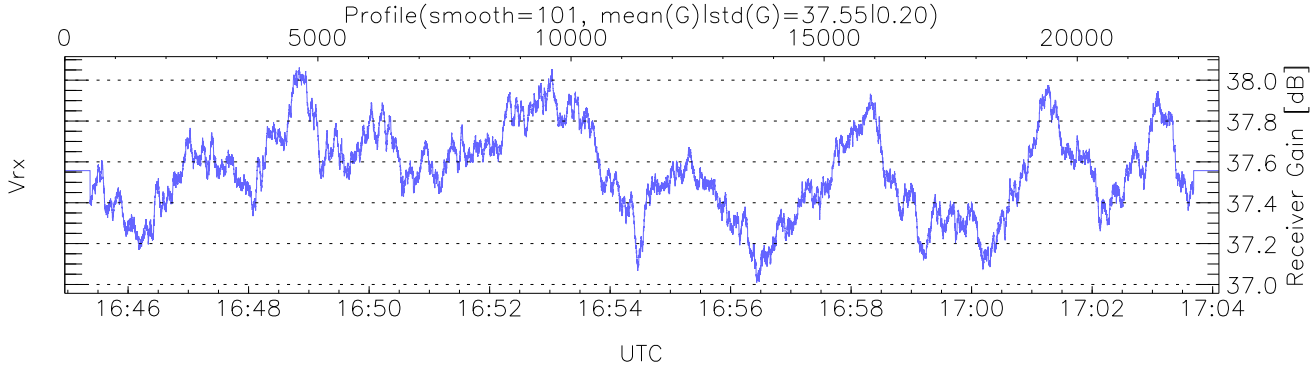
UTC: 16:44:57-17:37:50, Dur: 3172.72s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
NumRec(r/t): 22800/62936, 0-22799/16:44:57-17:04:06
AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
PRF: 20.0 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

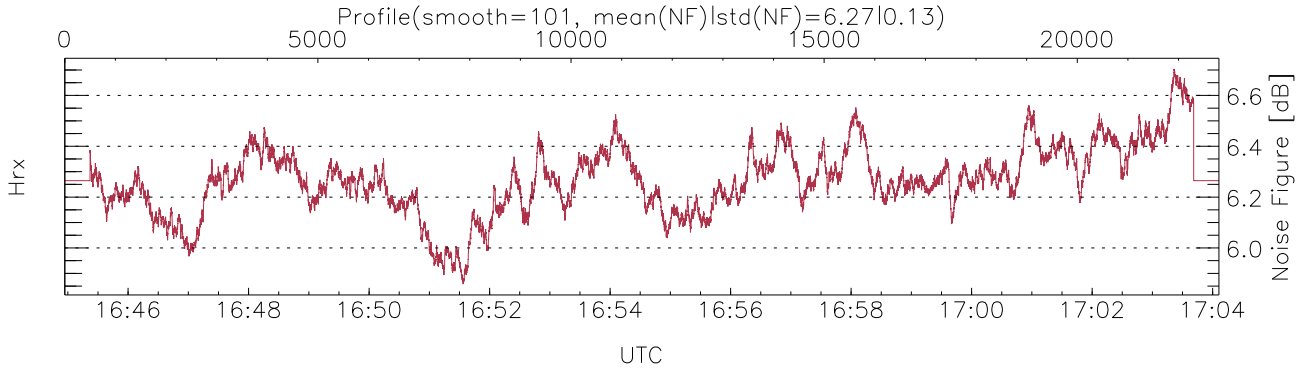


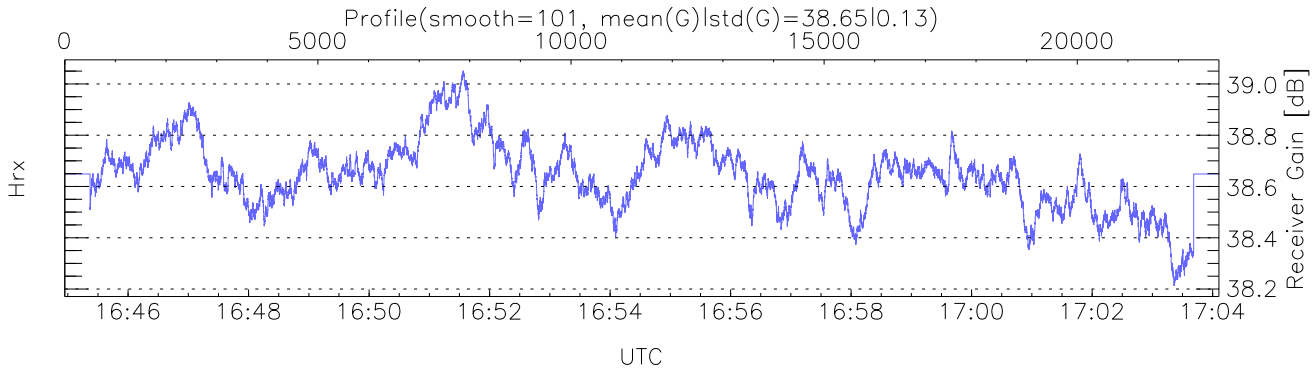
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,17,24,22,22
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,19,26,24,28
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty (10,10,10,10,10)



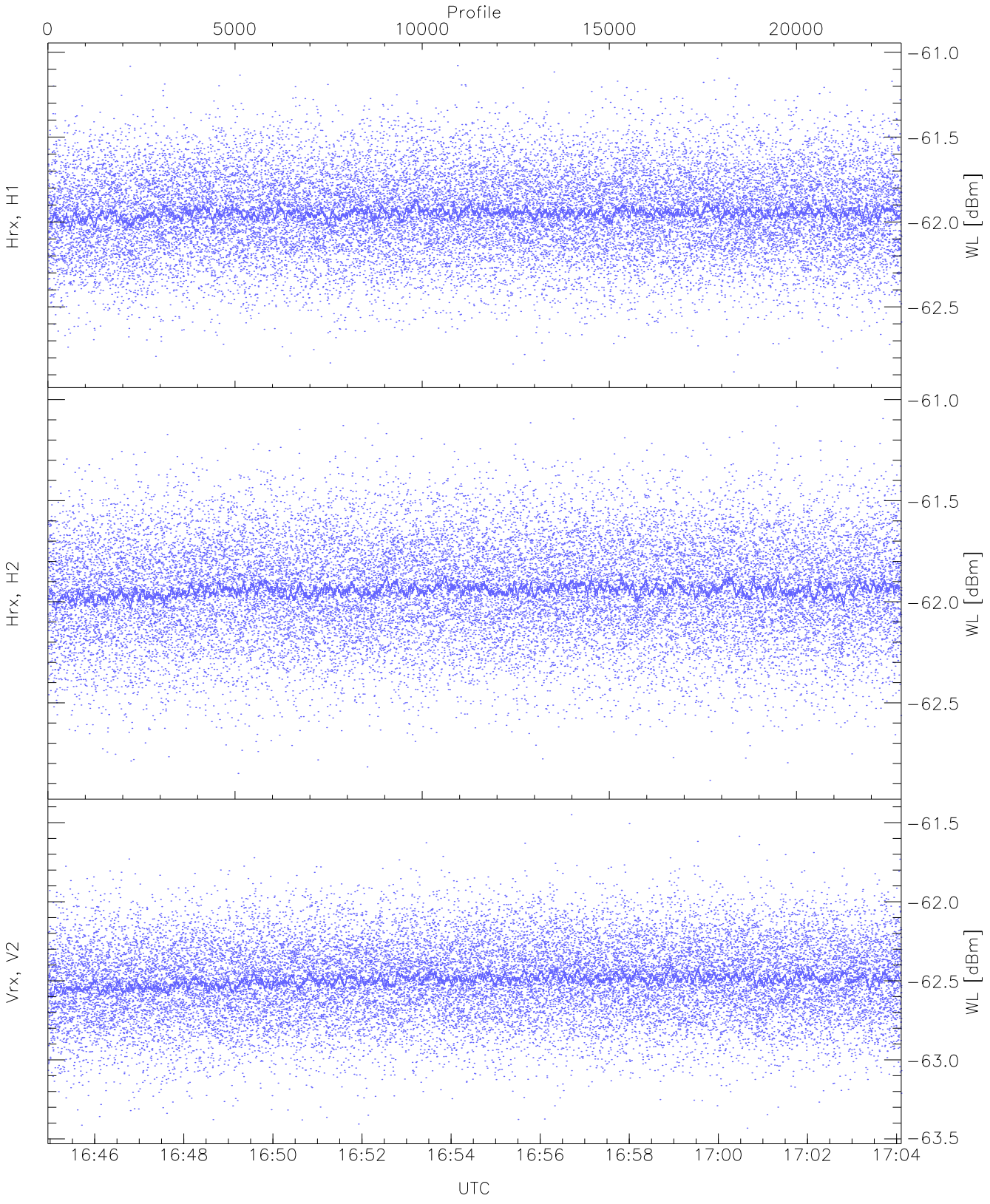






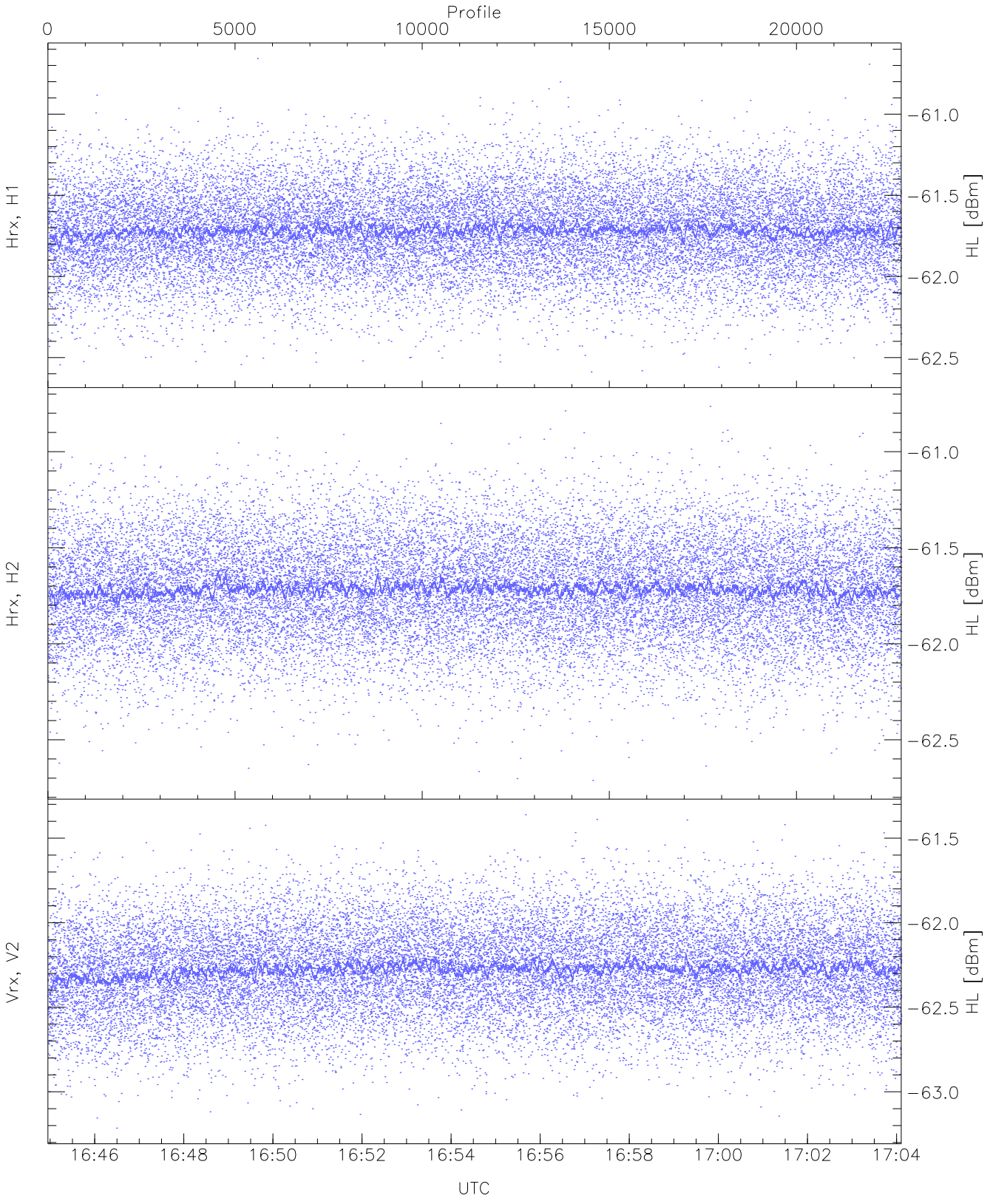
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 863 pixs, 13 gates, 841 profs, 1 prods



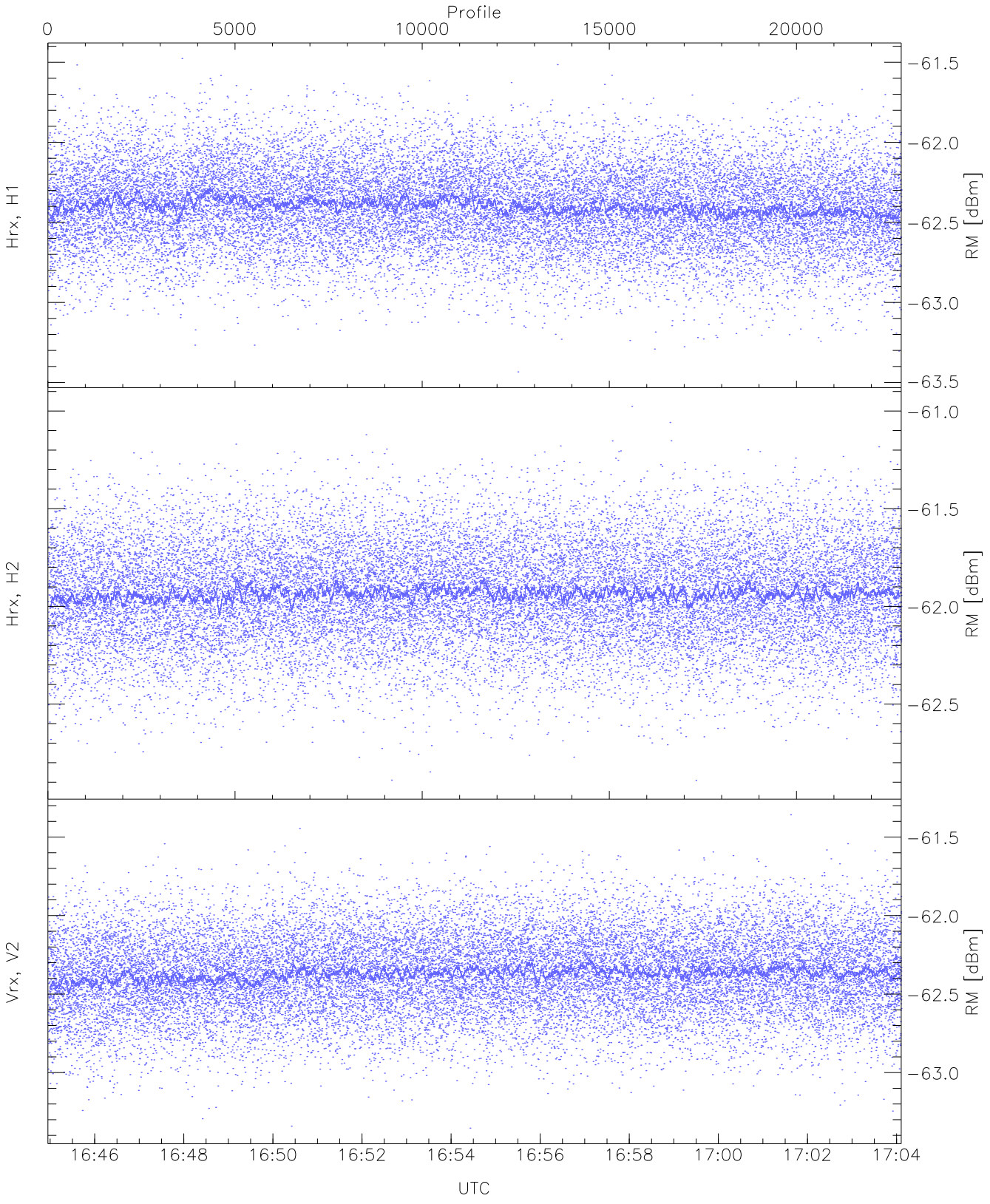
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.88	-61.04	-61.94	-61.95	-74.53
Hrx, H2(WL [dBm])	-62.88	-61.03	-61.94	-61.94	-74.52
Vrx, V2(WL [dBm])	-63.43	-61.45	-62.49	-62.50	-75.05



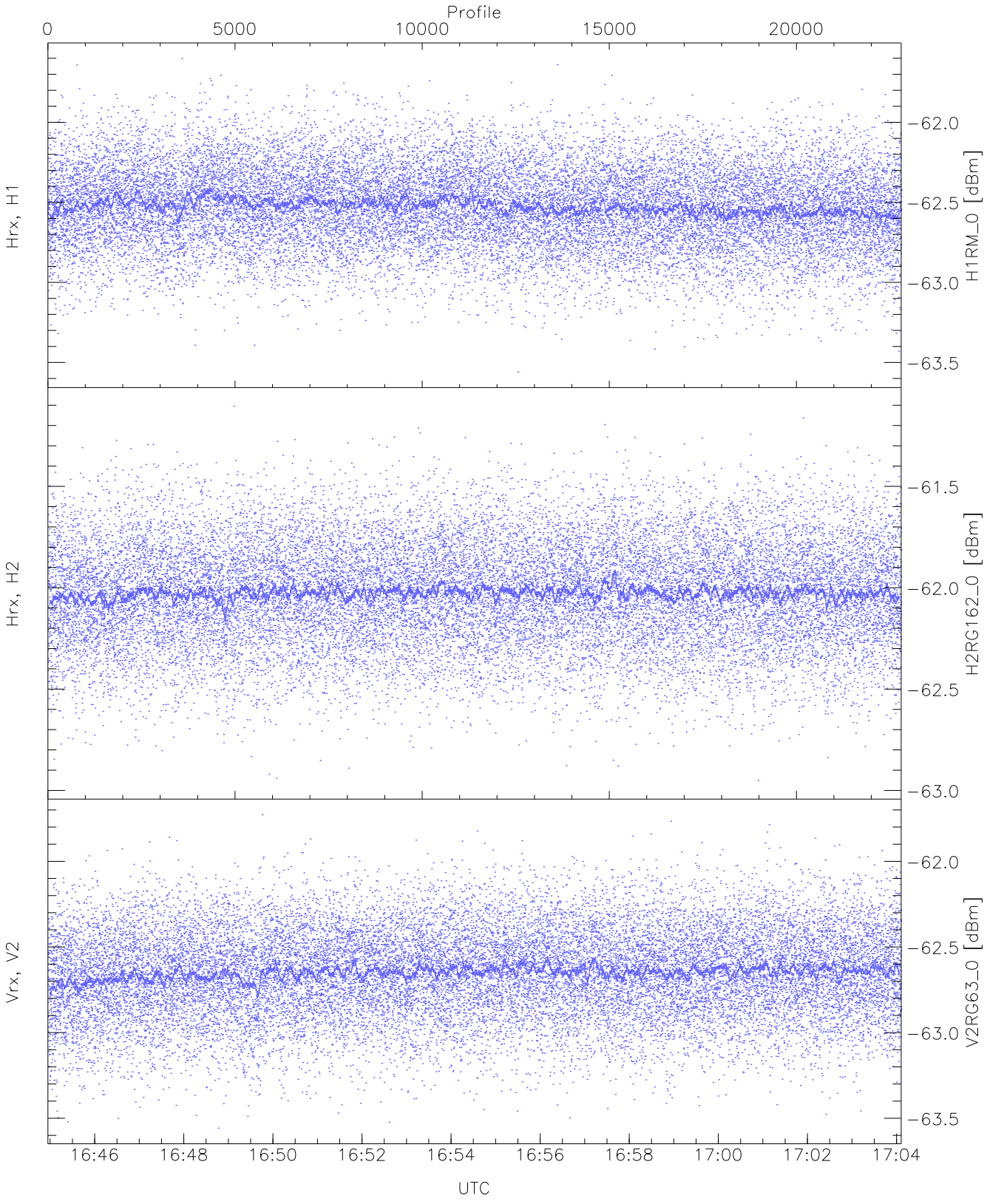
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.59	-60.66	-61.71	-61.72	-74.29
Hrx, H2(HL [dBm])	-62.71	-60.76	-61.71	-61.72	-74.28
Vrx, V2(HL [dBm])	-63.21	-61.36	-62.27	-62.28	-74.81



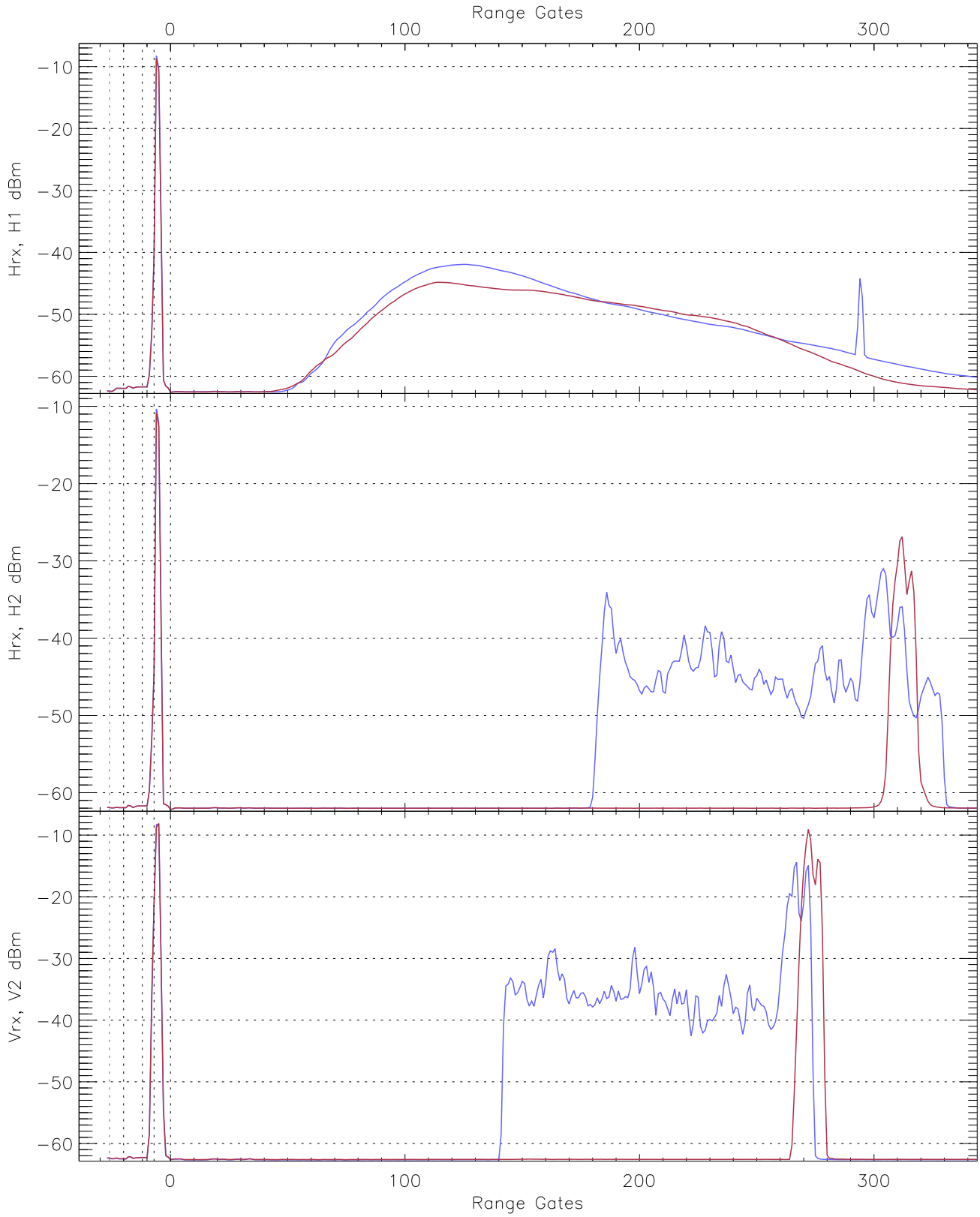
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.43	-61.48	-62.40	-62.40	-74.93
Hrx, H2(RM [dBm])	-62.89	-60.98	-61.93	-61.94	-74.52
Vrx, V2(RM [dBm])	-63.35	-61.36	-62.37	-62.37	-74.88

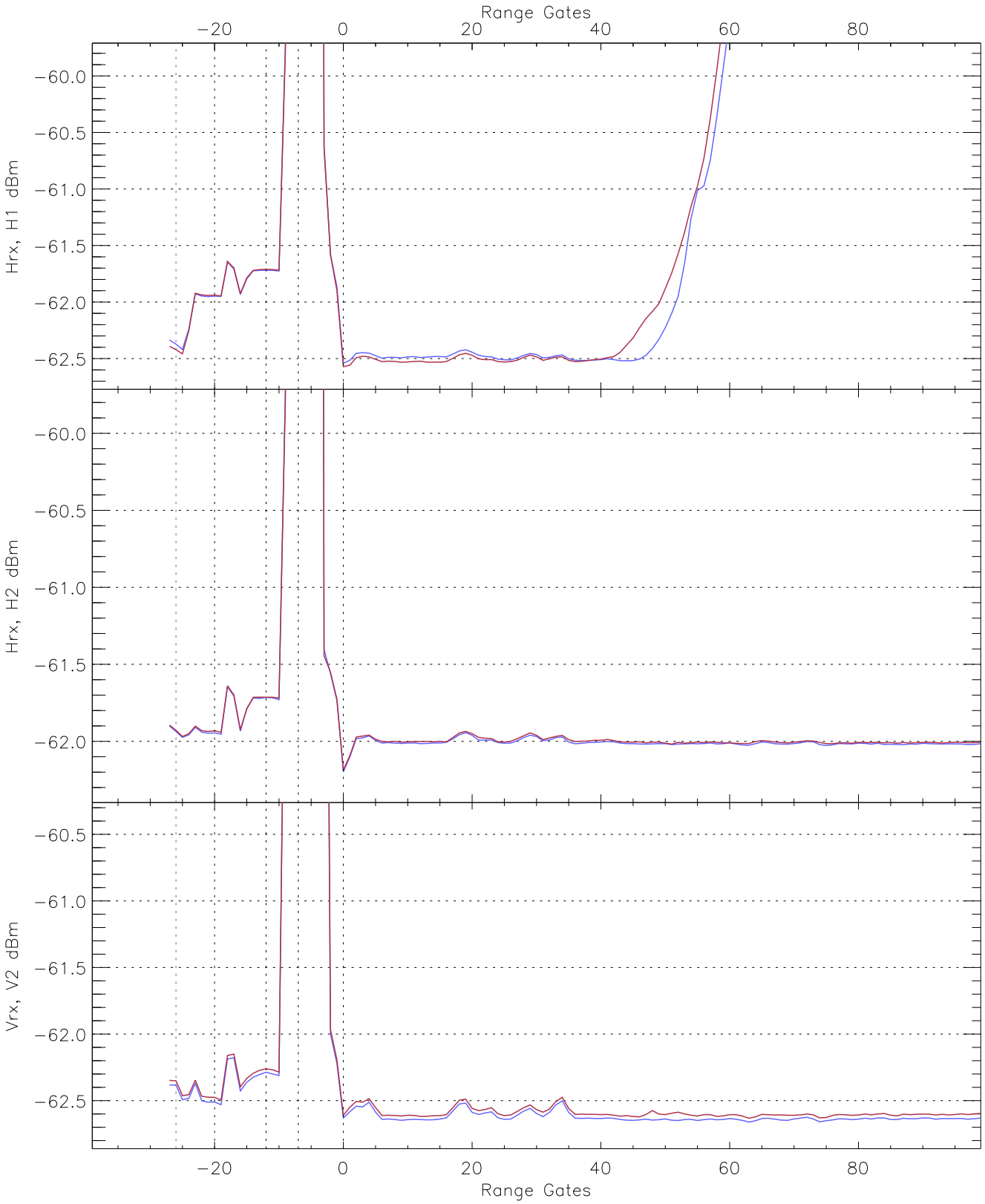


WCR2 CPP "Best" estimate Receivers Noise Power

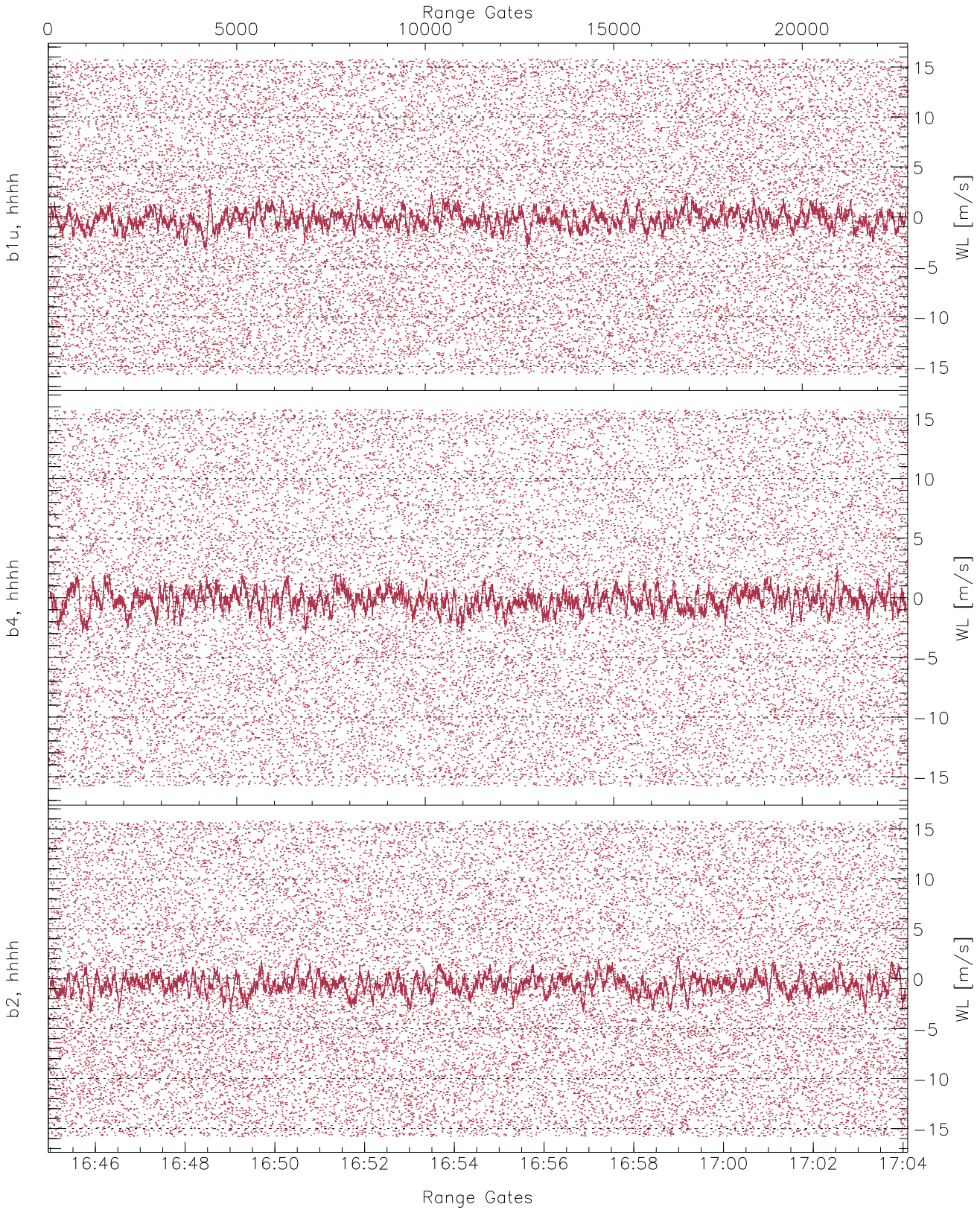
	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-63.56	-61.60	-62.52	-62.53	-75.05
H2RG162_0 [dBm]	-62.95	-61.11	-62.02	-62.03	-74.57
V2RG63_0 [dBm]	-63.56	-61.73	-62.65	-62.65	-75.13



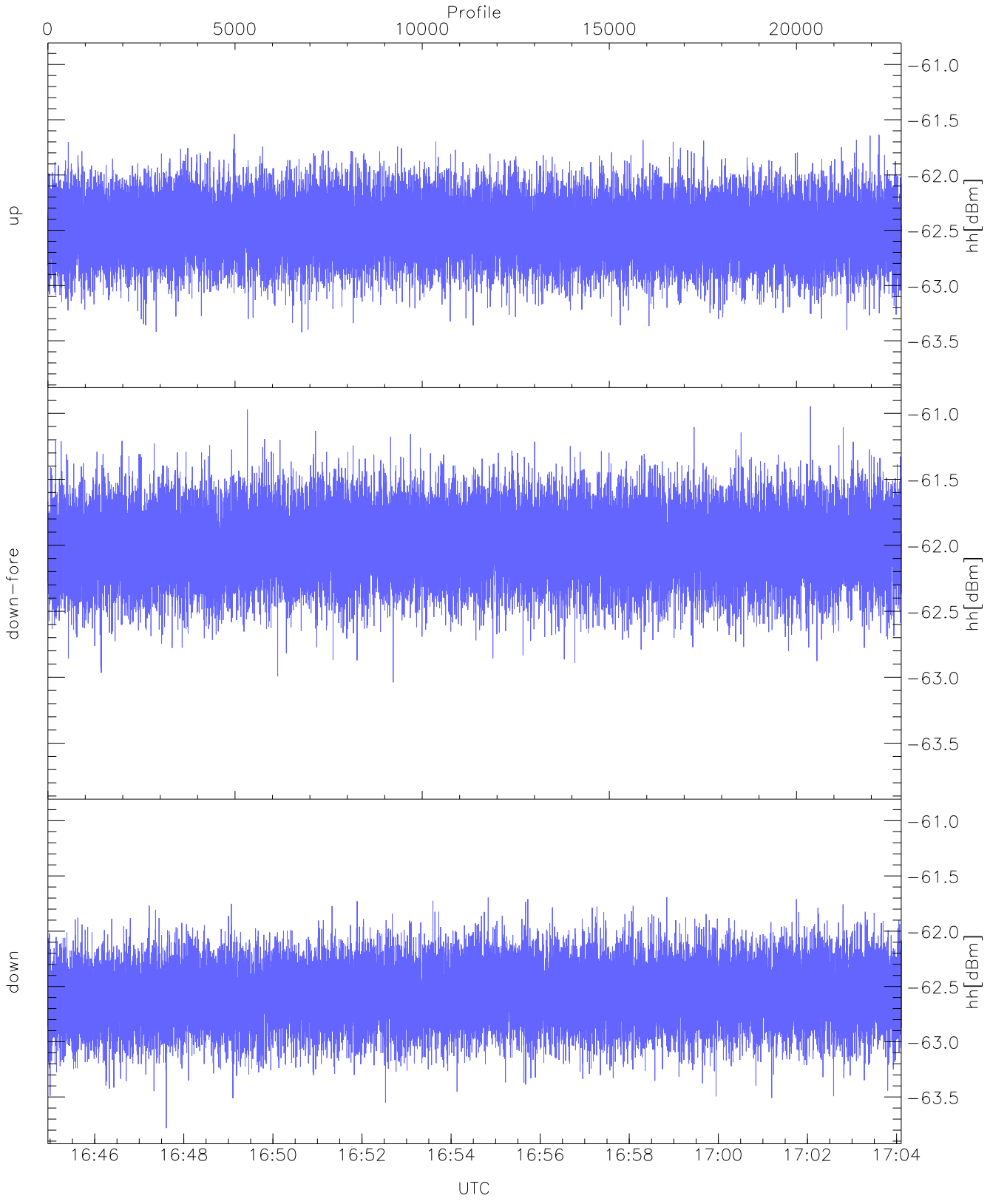
WCR2 CPP Averaged Received power for all recorded gates
blue: 164457-165432, 11401 profiles averaged
red: 165432-170406, 11400 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 164457-165432, 11401 profiles averaged
red: 165432-170406, 11400 profiles averaged

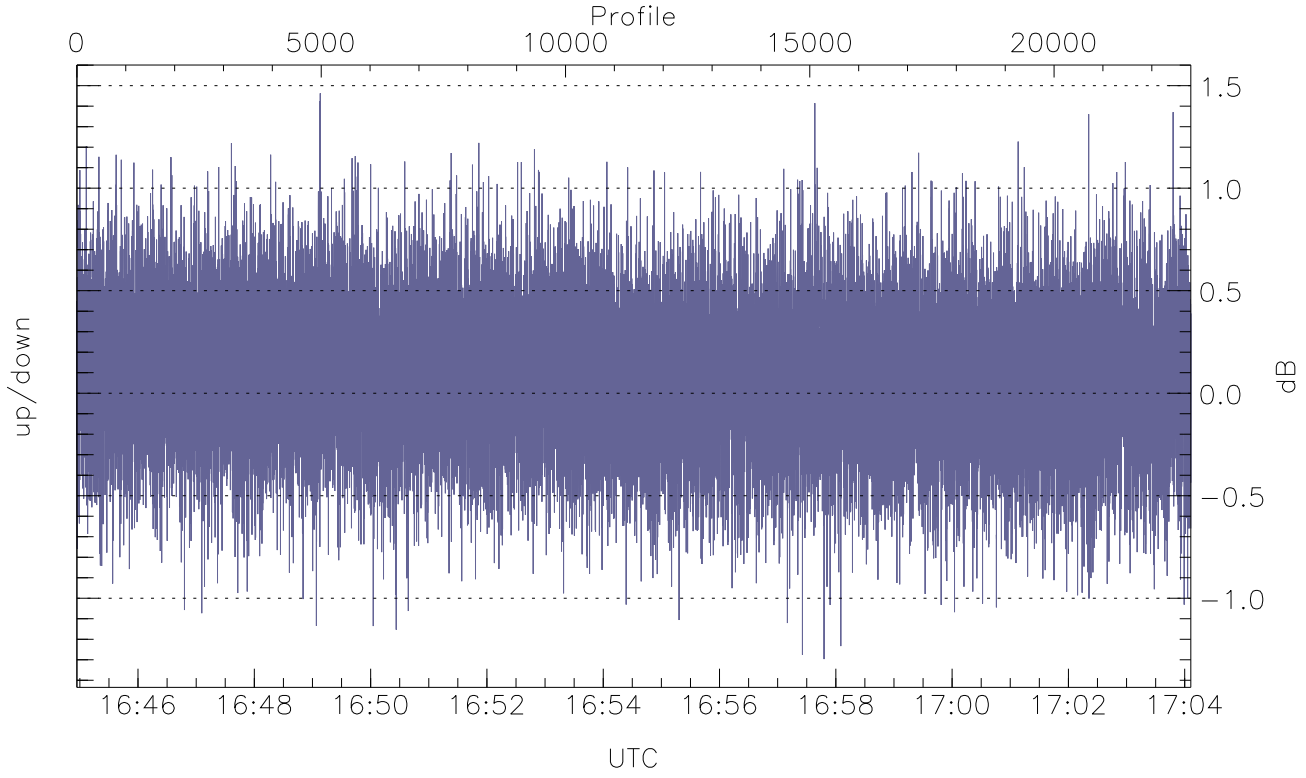


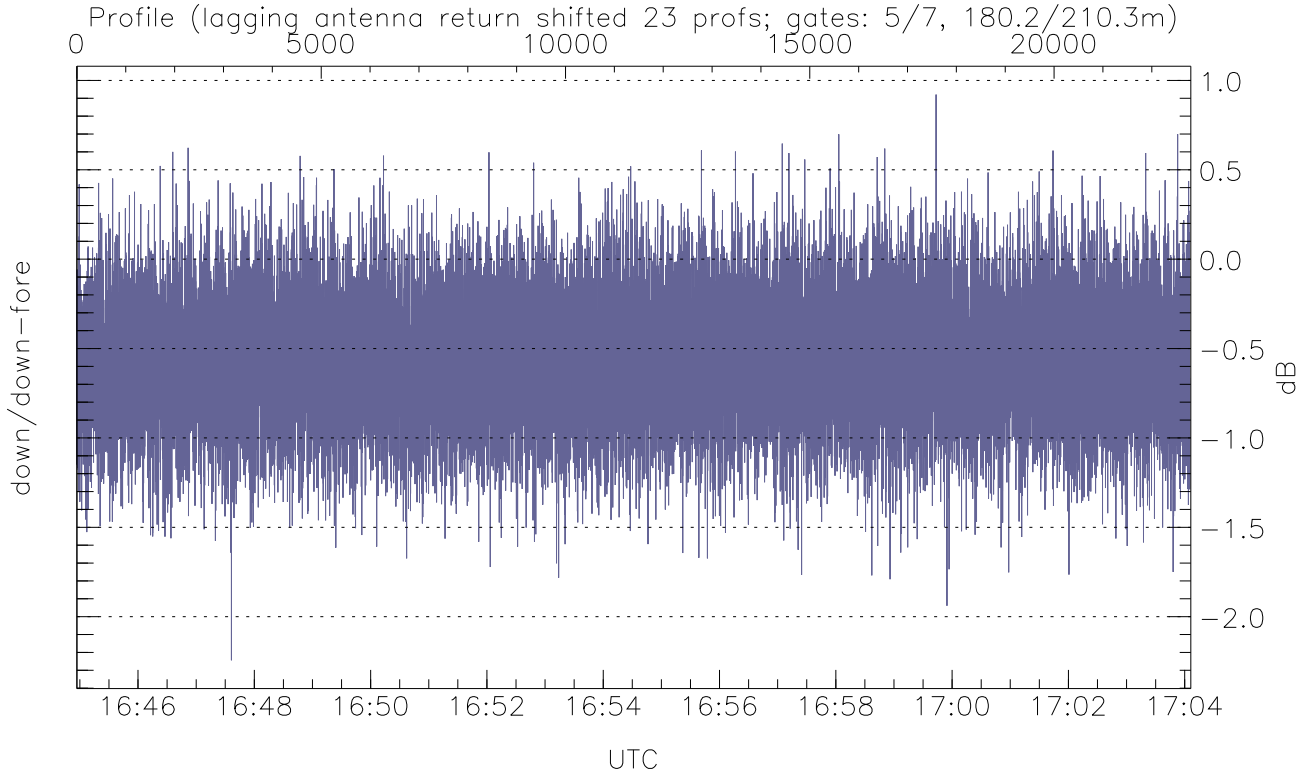
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

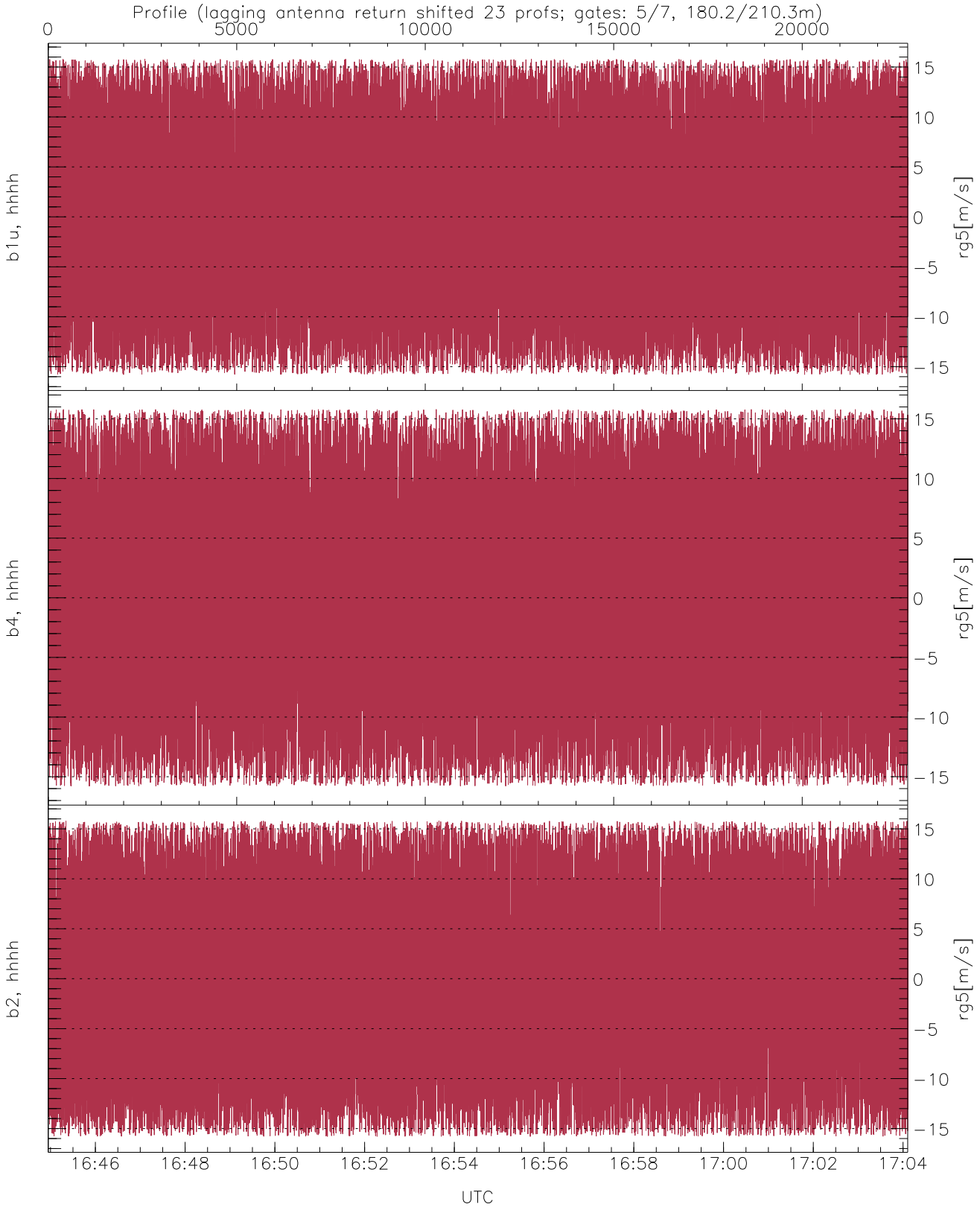
	Min	Max	Mean
up(hh[dBm])	-63.42	-61.63	-62.49
down-fore(hh[dBm])	-63.04	-60.95	-61.99
down(hh[dBm])	-63.78	-61.69	-62.57





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

	Min	Max	Mean
up/down(dB)	-1.30	1.46	0.08
down/down-fore(dB)	-2.24	0.92	-0.56



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.80	-0.17	8.93
b4, hhhh(rg5[m/s])	-15.80	15.80	-0.10	8.99
b2, hhhh(rg5[m/s])	-15.80	15.80	-0.58	8.99