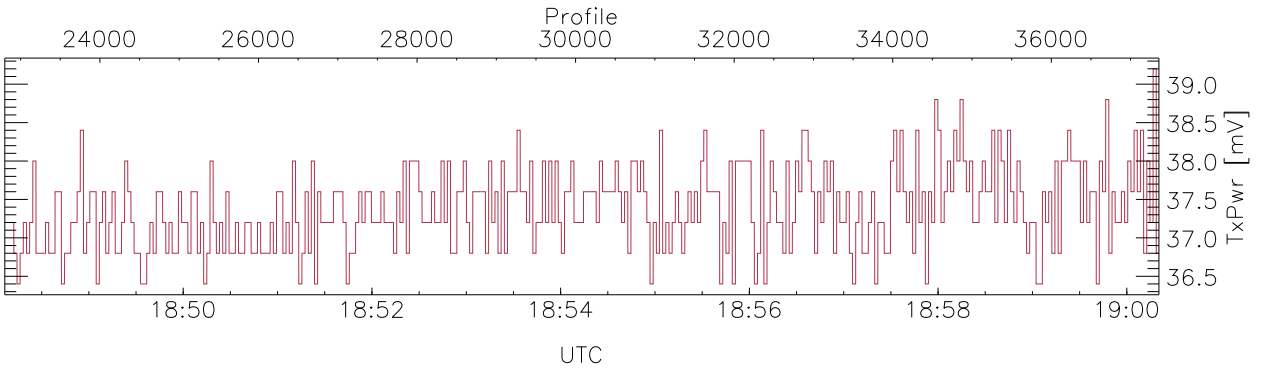
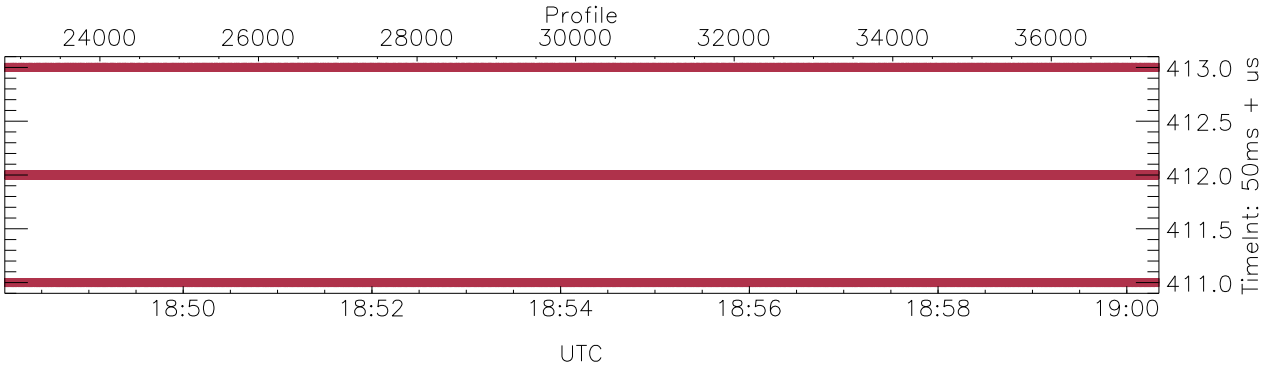
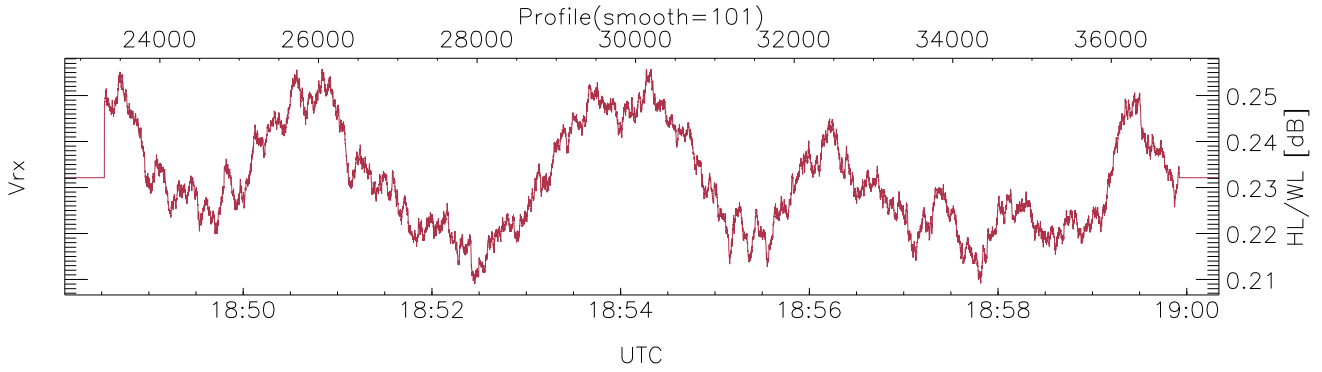
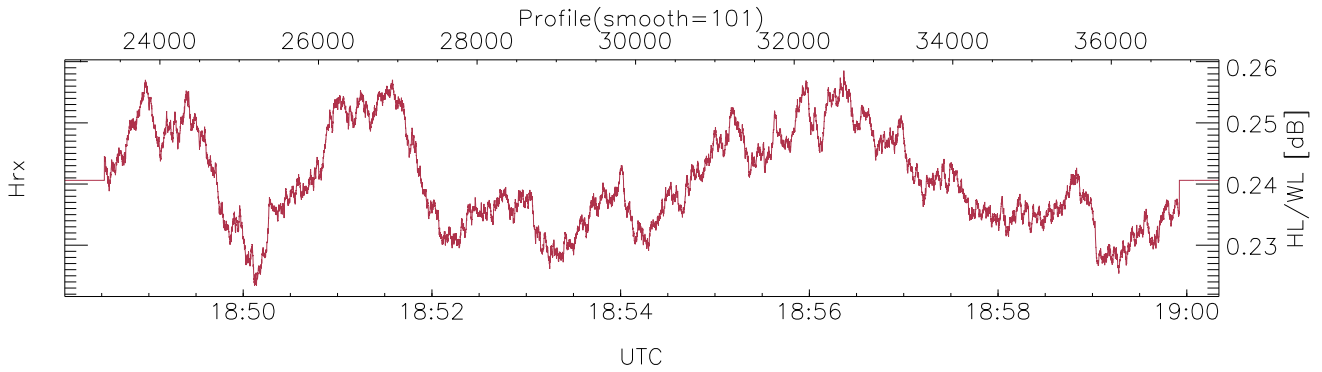


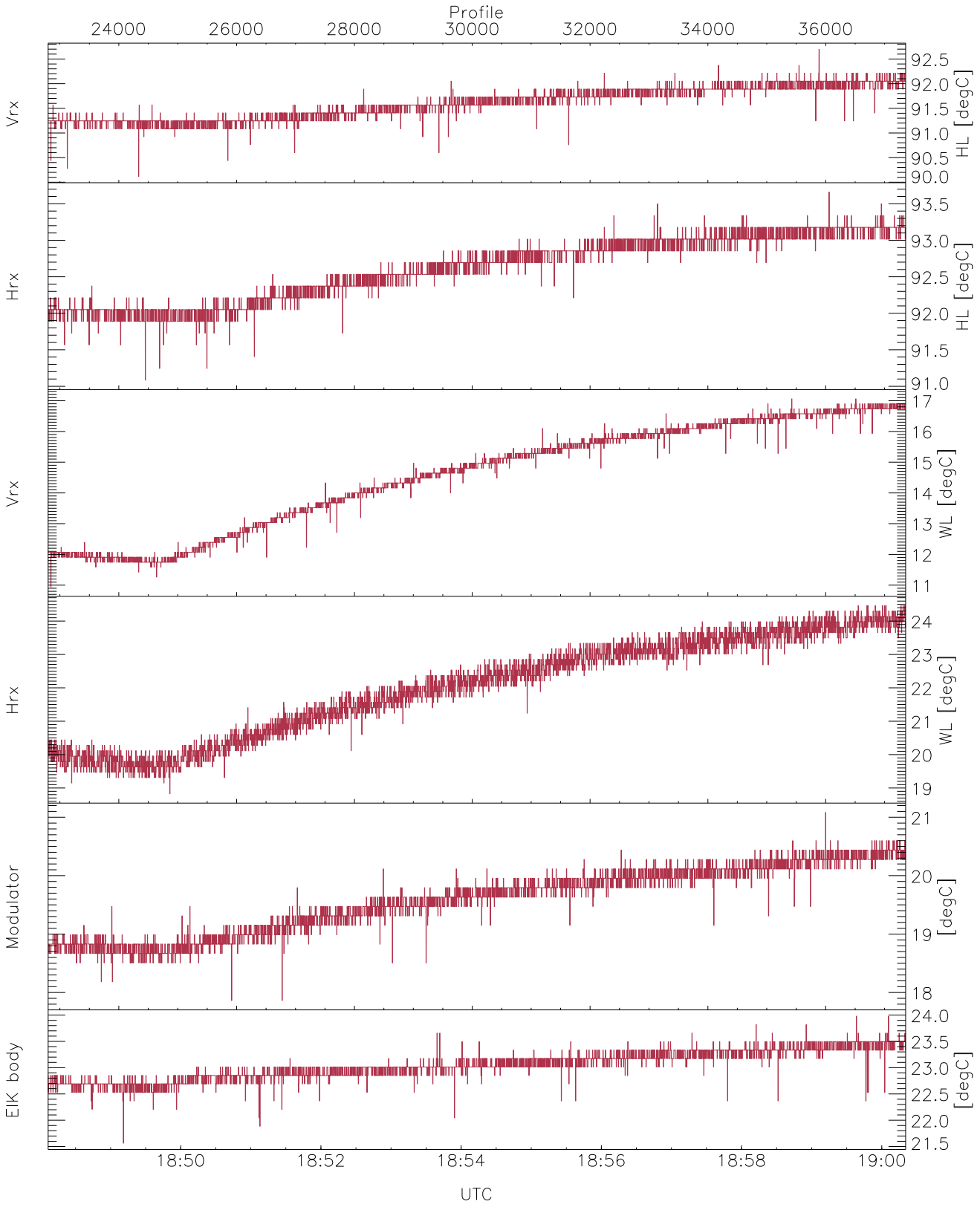






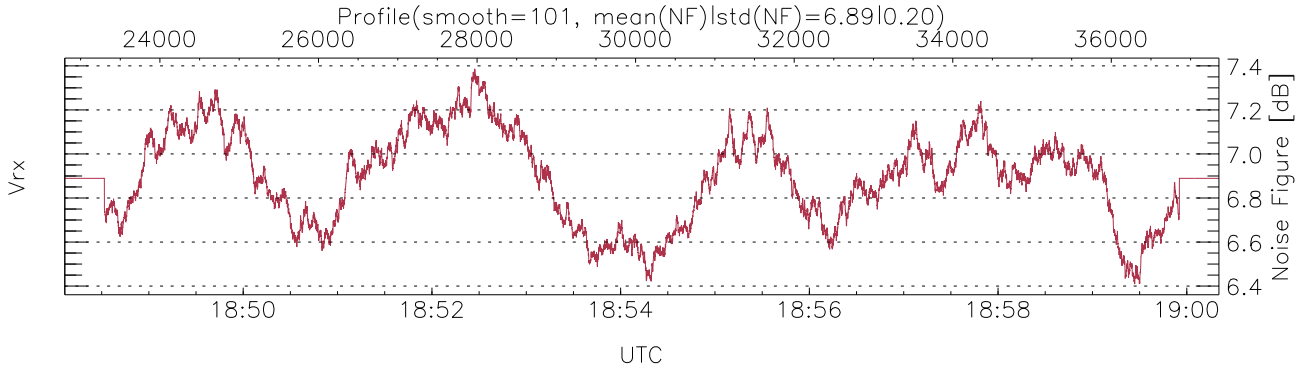
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

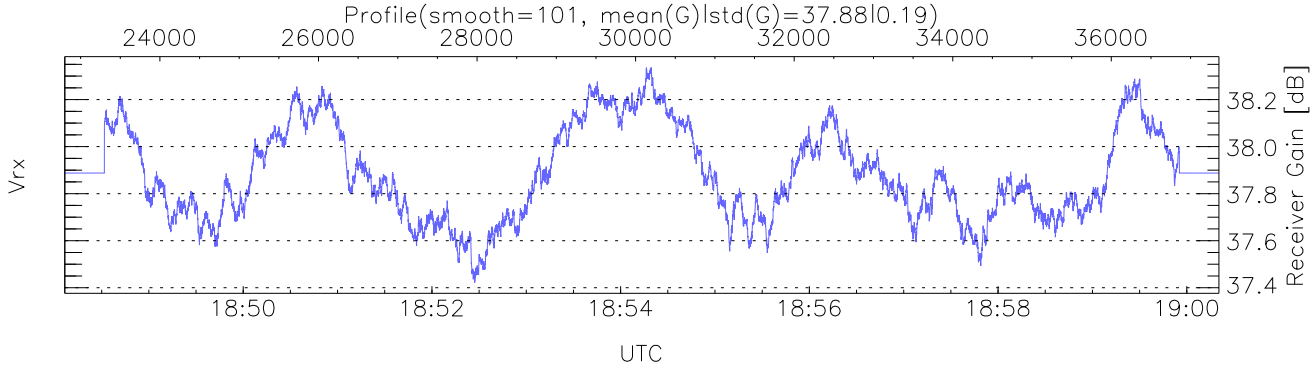
UTC: 18:28:57-19:00:20, Dur: 1883.31s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
NumRec(r/t): 14559/37359, 22800-37358/18:48:07-19:00:20
AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
PRF: 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

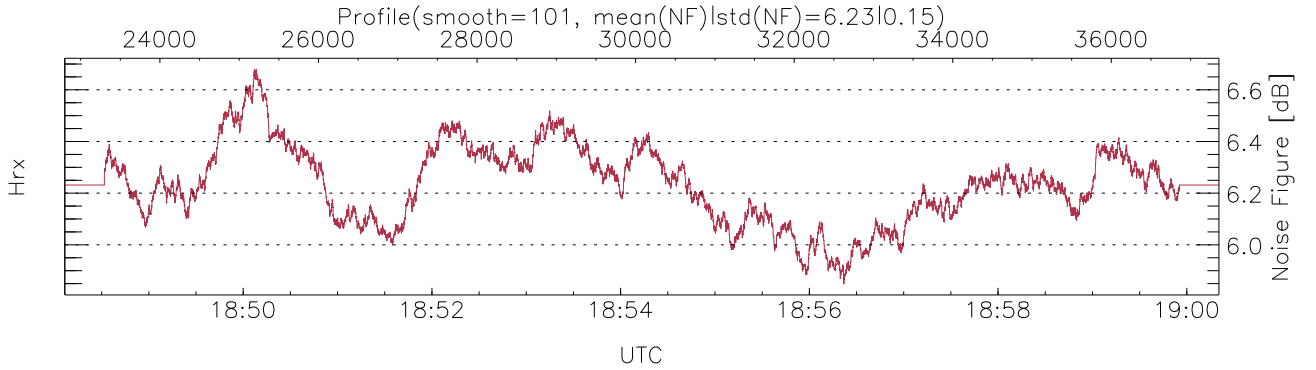


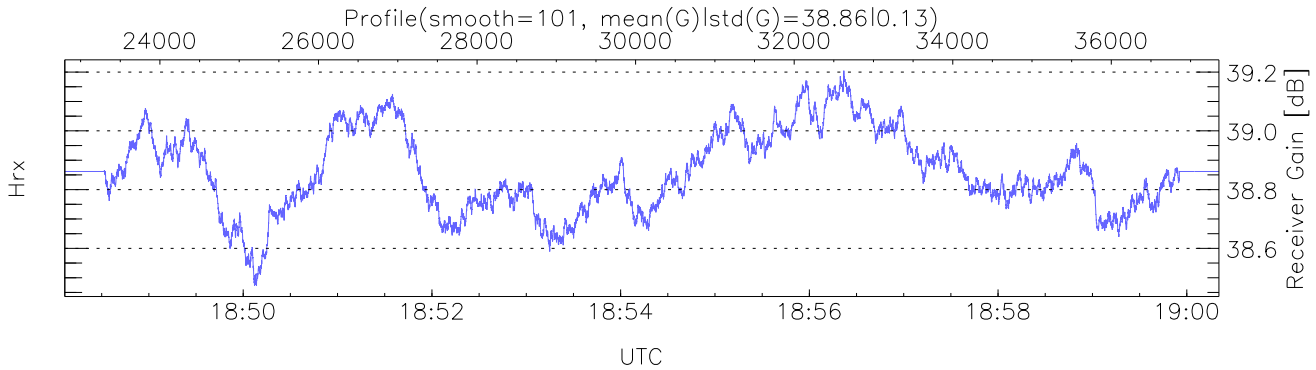
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,10,18,17,21
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,17,24,21,23
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (10,10,10,10,5,6)



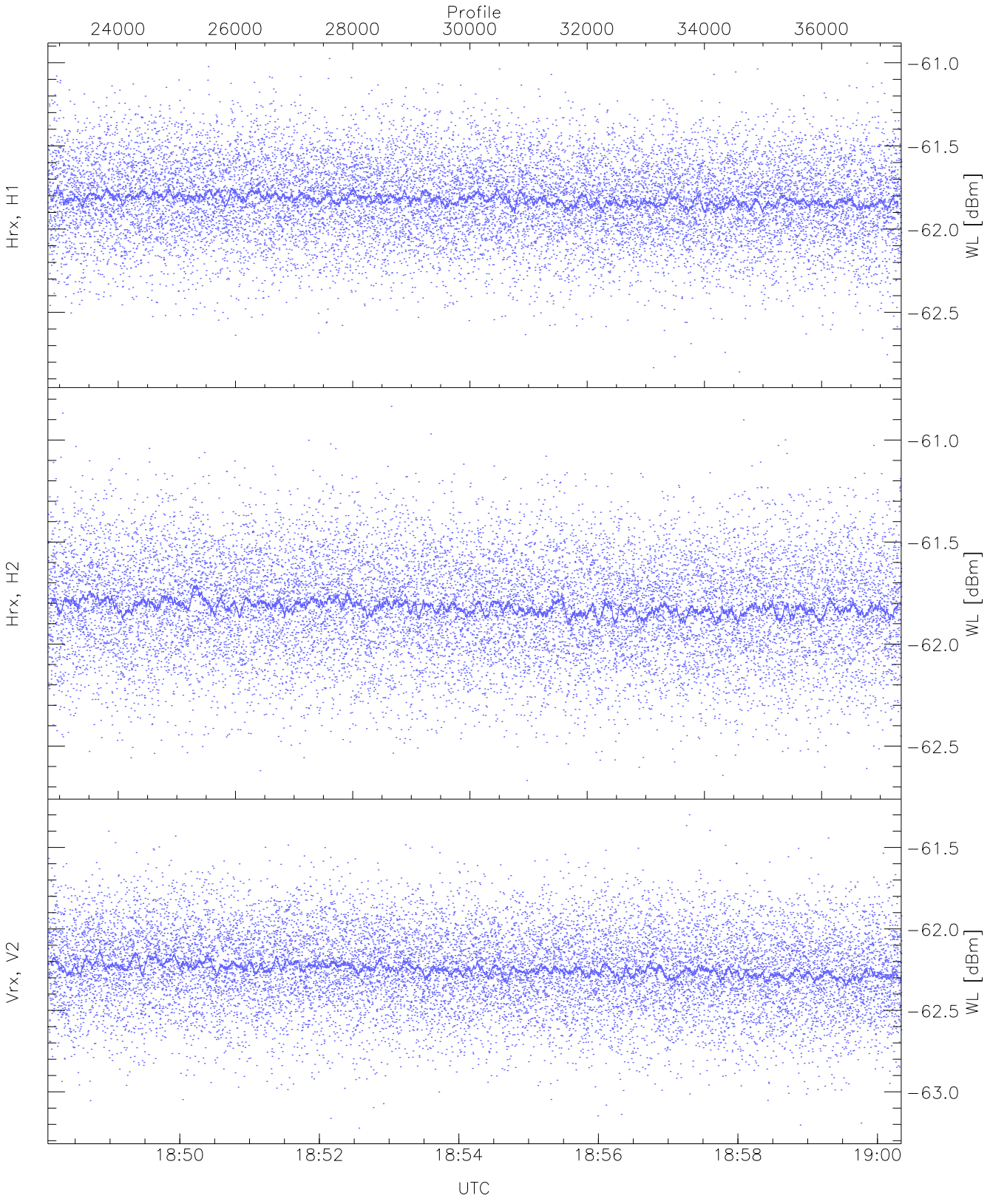






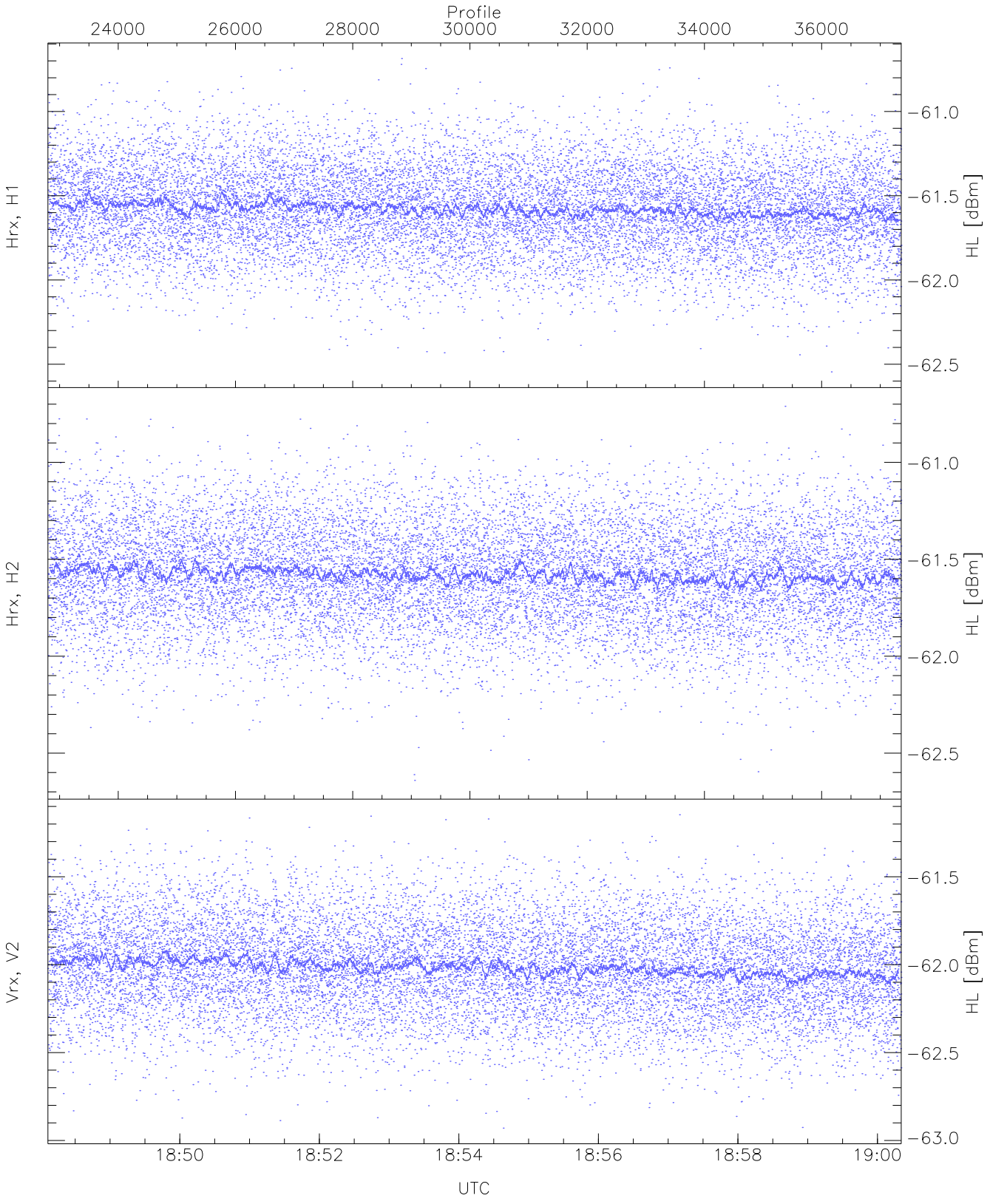
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 764 pixs, 7 gates, 750 profs, 1 prods



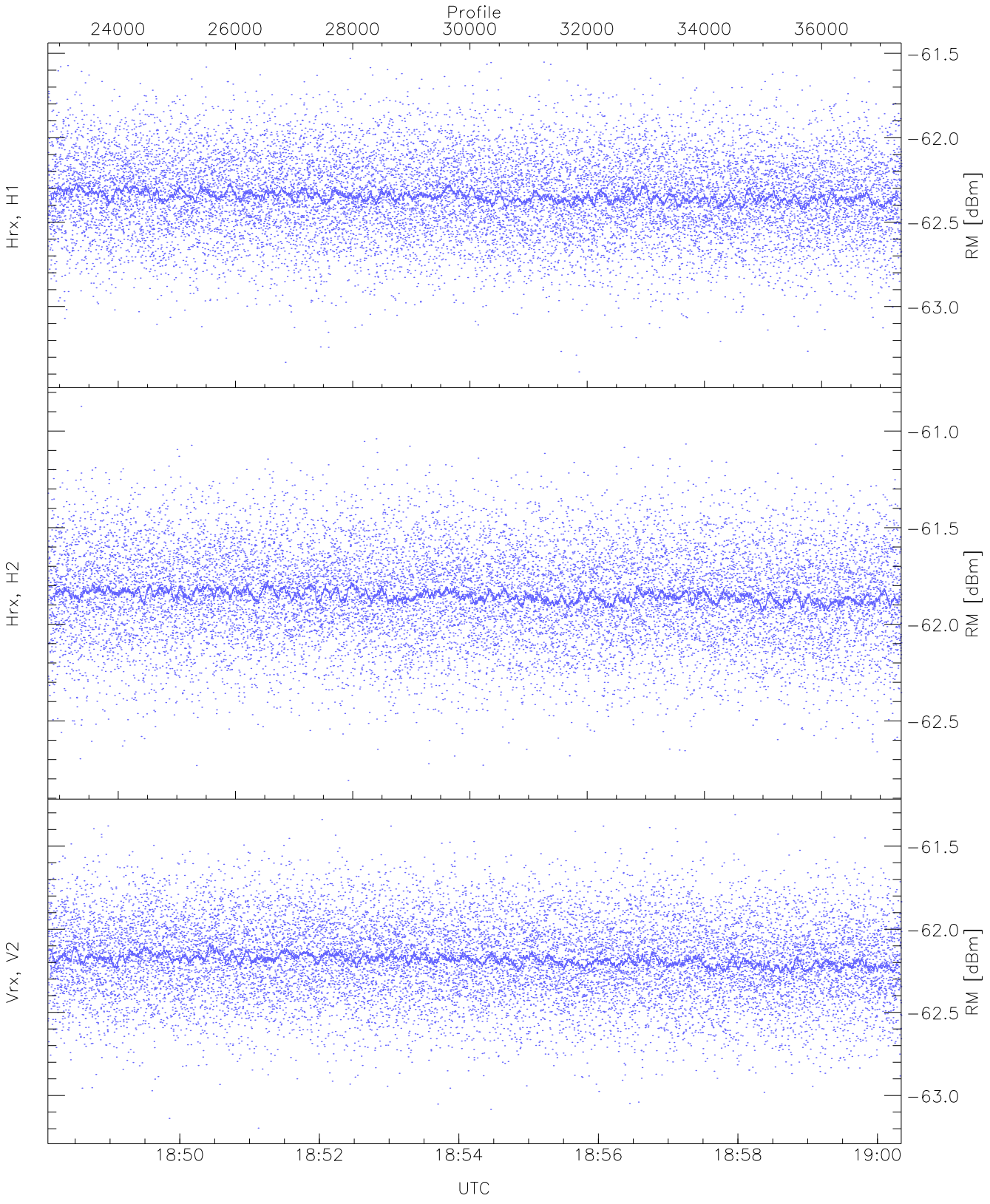
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.86	-60.98	-61.82	-61.82	-74.40
Hrx, H2(WL [dBm])	-62.67	-60.83	-61.82	-61.82	-74.35
Vrx, V2(WL [dBm])	-63.22	-61.30	-62.24	-62.25	-74.77



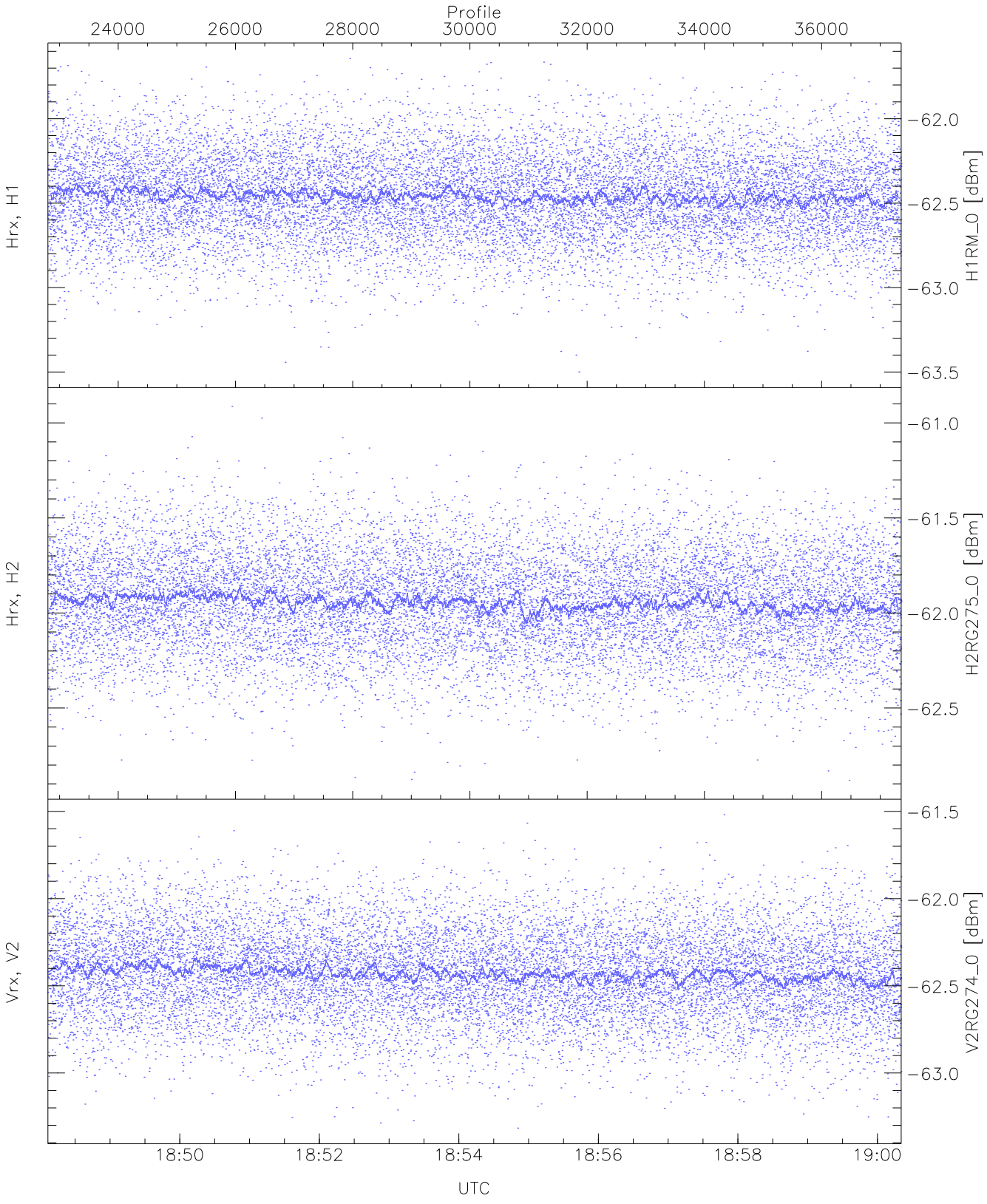
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.55	-60.69	-61.57	-61.58	-74.17
Hrx, H2(HL [dBm])	-62.64	-60.71	-61.58	-61.58	-74.12
Vrx, V2(HL [dBm])	-62.93	-61.15	-62.01	-62.02	-74.52



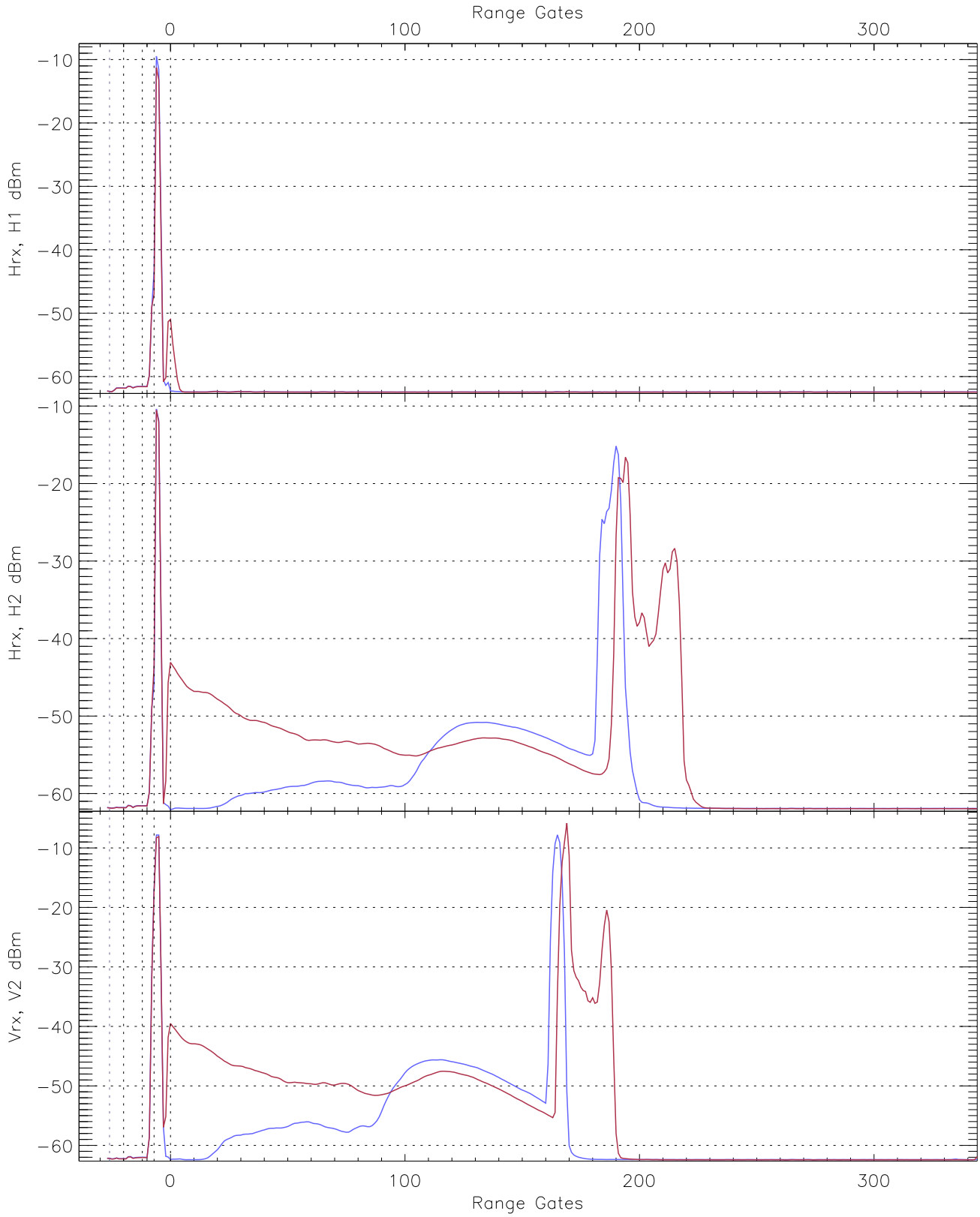
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.39	-61.53	-62.34	-62.35	-74.91
Hrx, H2(RM [dBm])	-62.81	-60.87	-61.85	-61.85	-74.41
Vrx, V2(RM [dBm])	-63.20	-61.31	-62.18	-62.19	-74.75

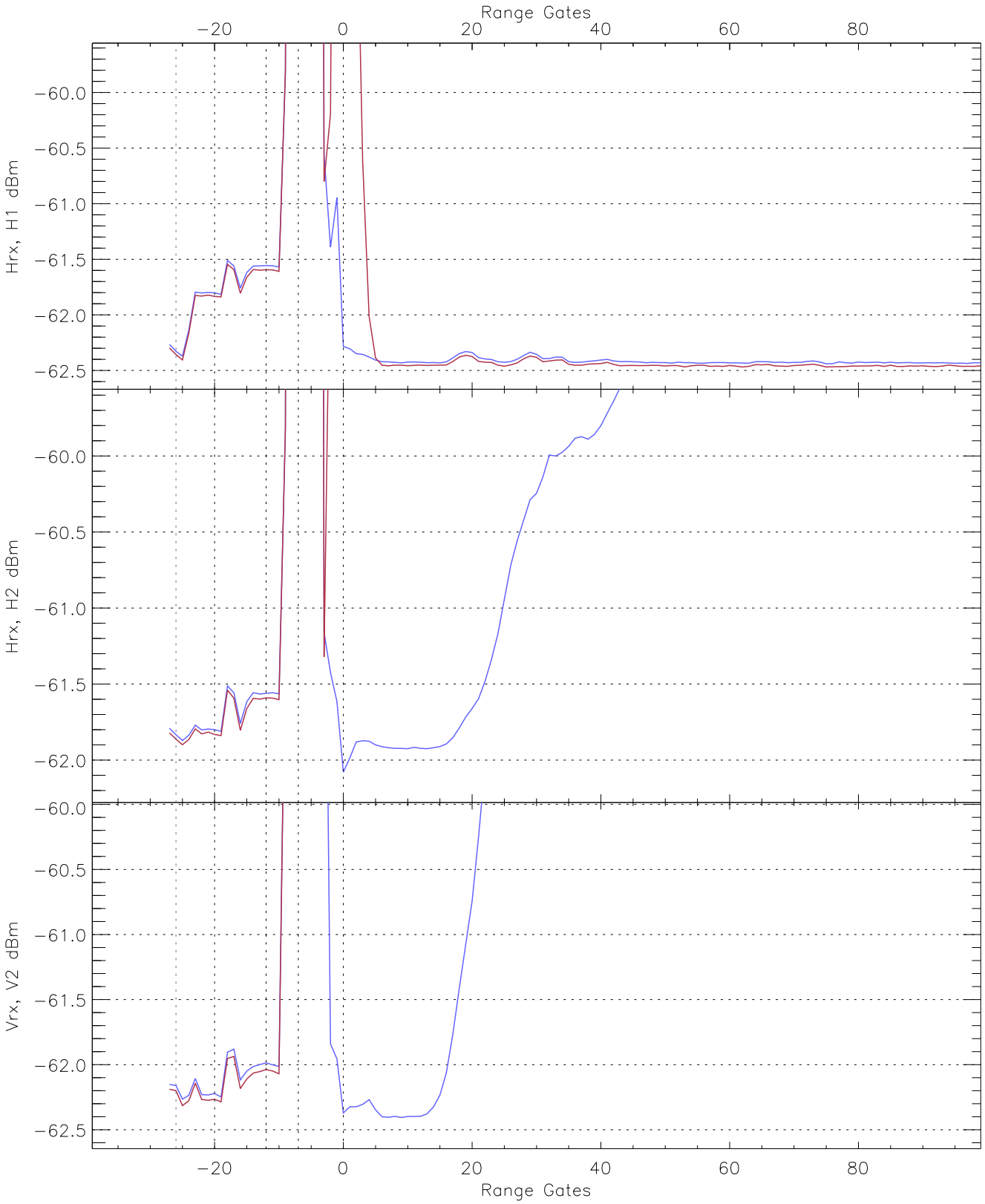


WCR2 CPP "Best" estimate Receivers Noise Power

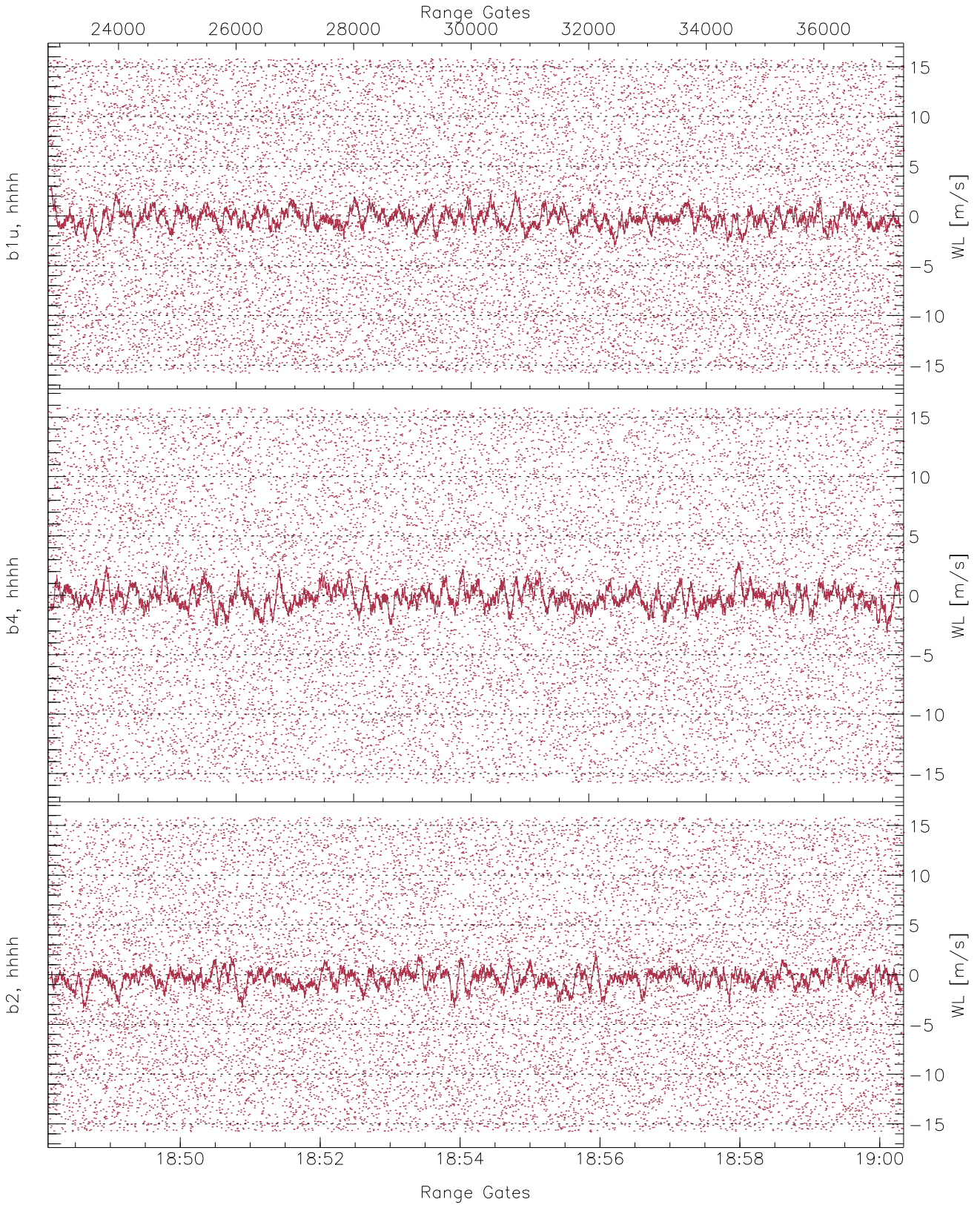
	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-63.50	-61.64	-62.45	-62.46	-75.02
H2RG275_0 [dBm]	-62.88	-60.91	-61.94	-61.95	-74.49
V2RG274_0 [dBm]	-63.32	-61.52	-62.43	-62.43	-75.00



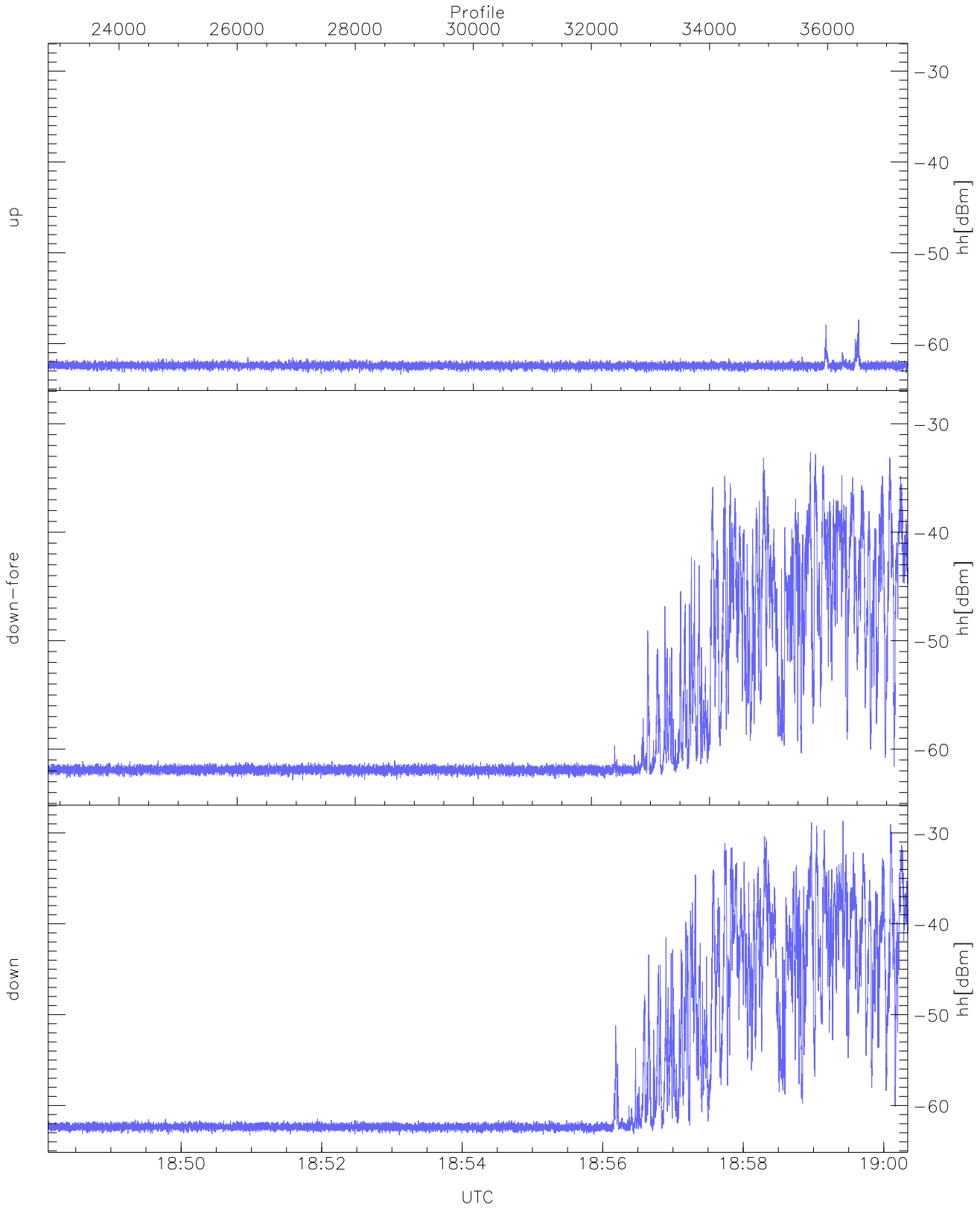
WCR2 CPP Averaged Received power for all recorded gates
blue: 184807-185414, 7280 profiles averaged
red: 185414-190020, 7280 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 184807-185414, 7280 profiles averaged
red: 185414-190020, 7280 profiles averaged

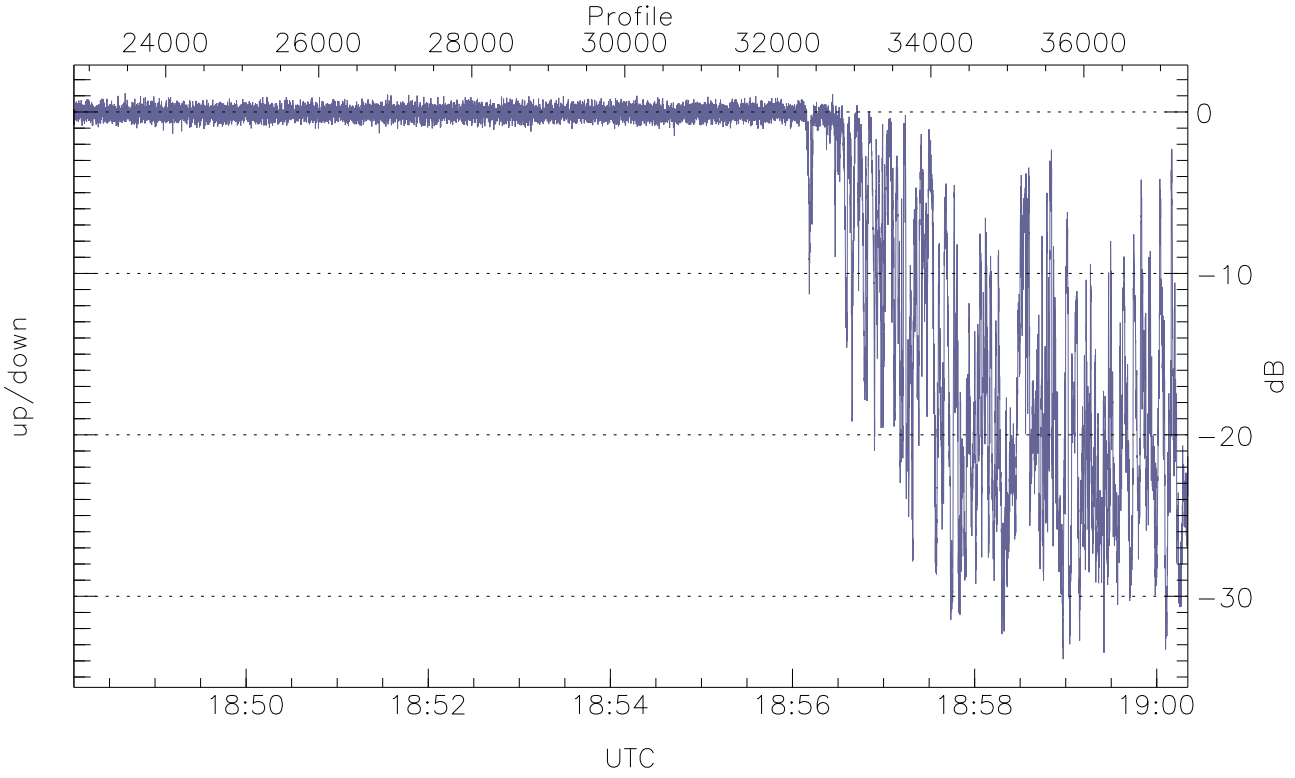


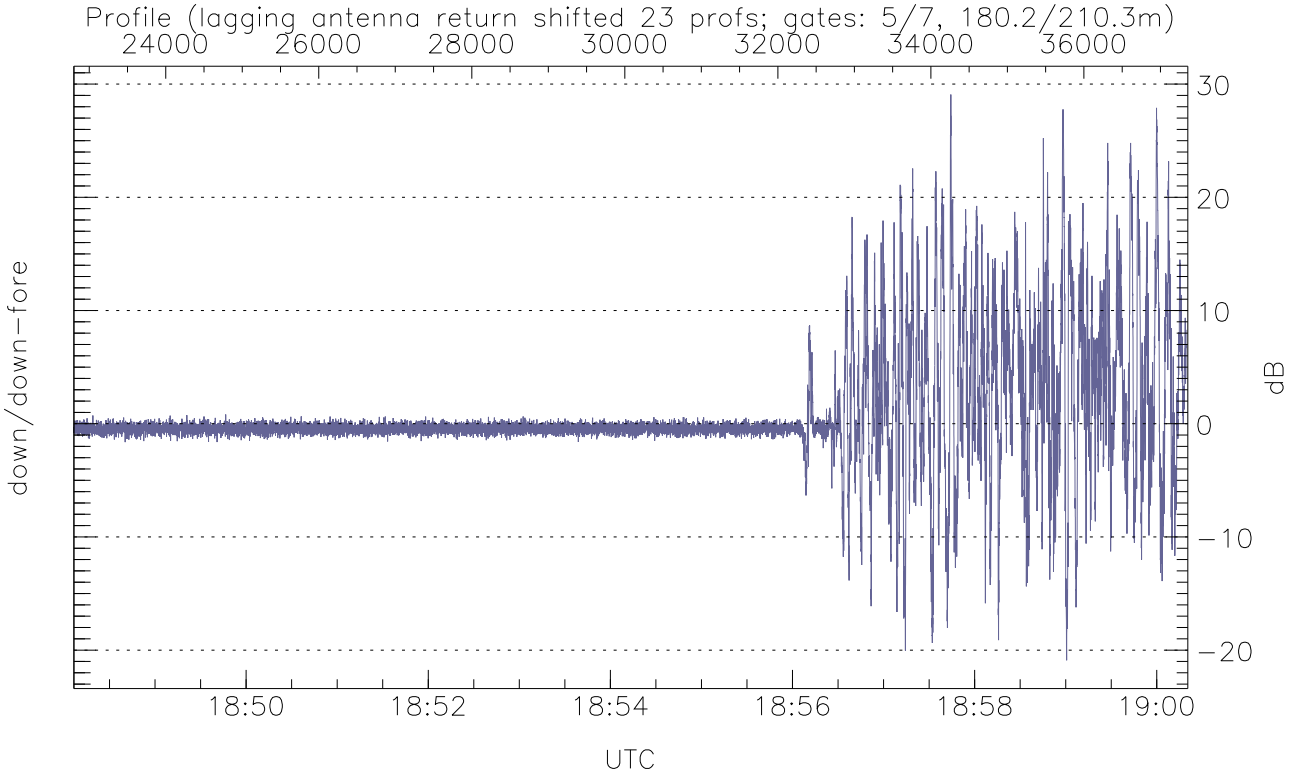
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

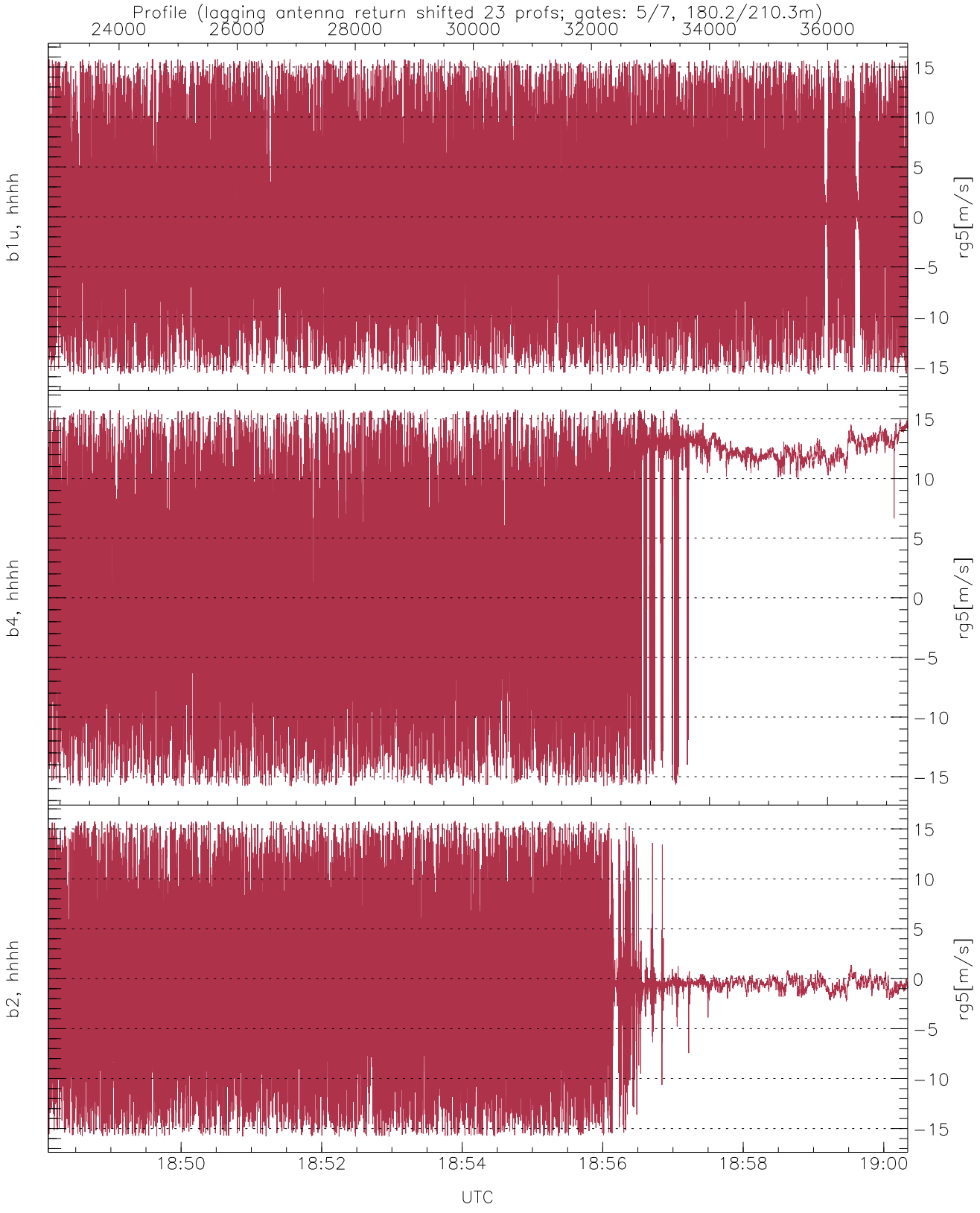
	Min	Max	Mean
up(hh[dBm])	-63.42	-57.36	-62.40
down-fore(hh[dBm])	-62.90	-32.63	-48.26
down(hh[dBm])	-63.28	-28.67	-44.97





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

	Min	Max	Mean
up/down(dB)	-33.89	1.16	-5.32
down/down-fore(dB)	-20.90	29.08	0.73



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.80	-0.21	8.91
b4, hhhh(rg5[m/s])	-15.80	15.80	3.73	9.58
b2, hhhh(rg5[m/s])	-15.79	15.80	-0.65	7.42