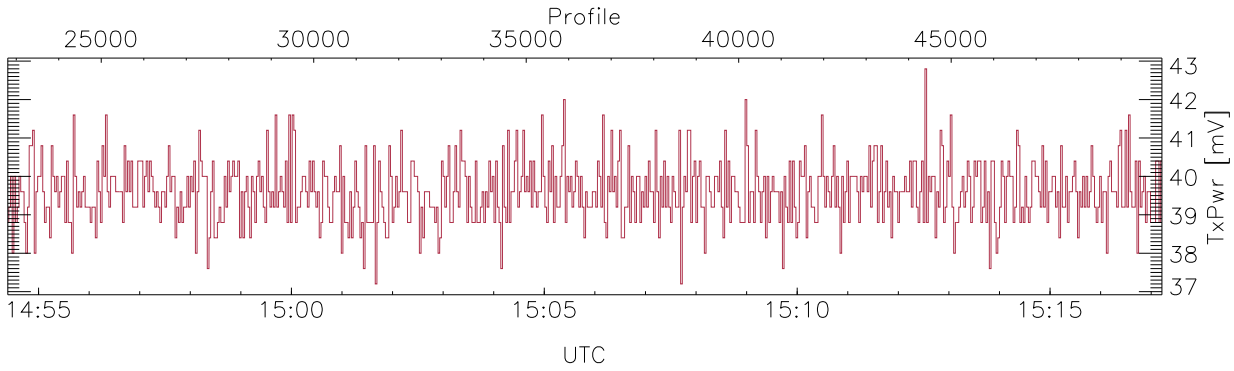
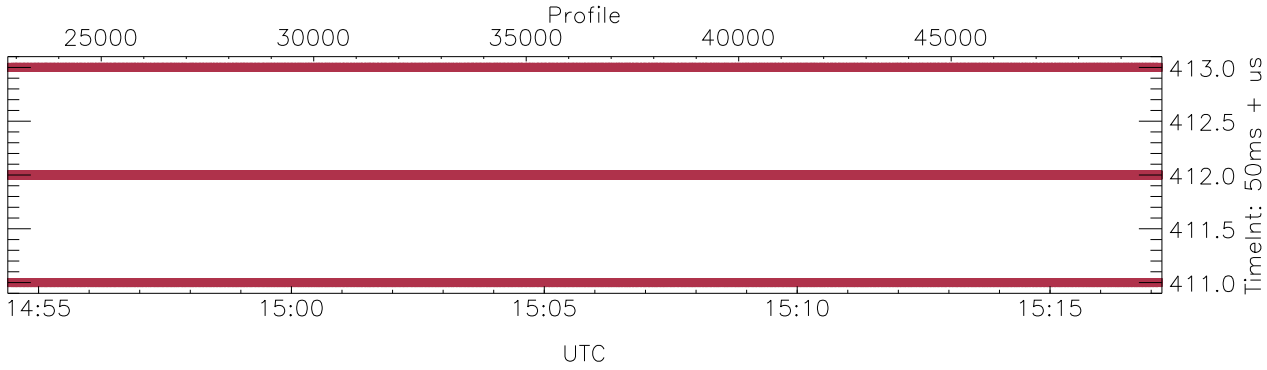
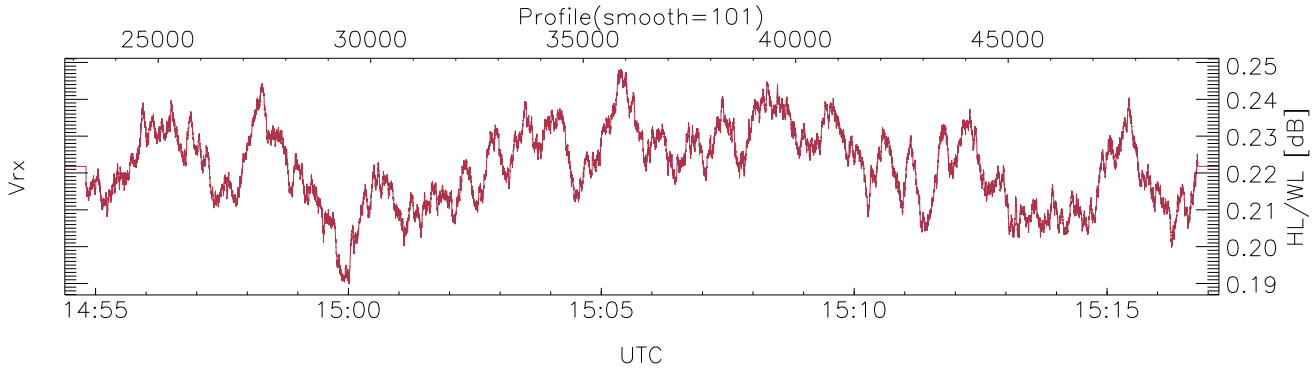
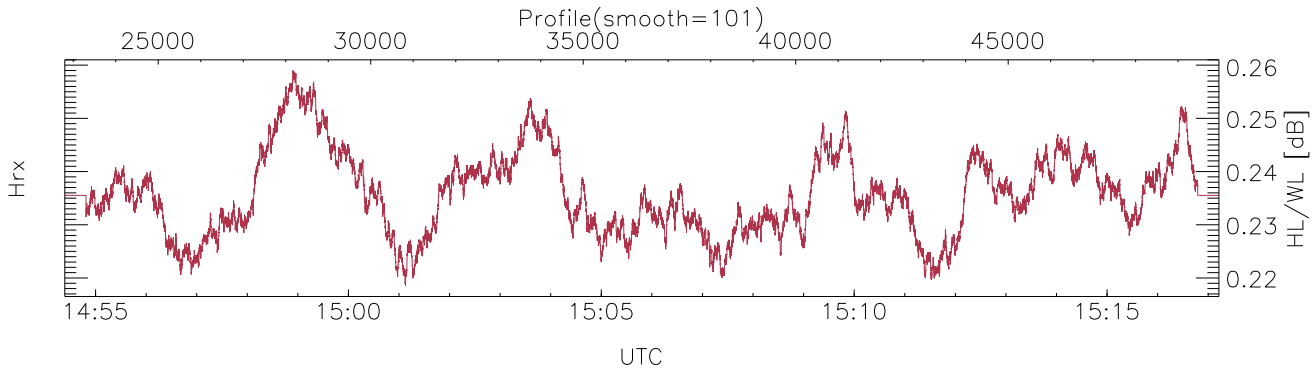


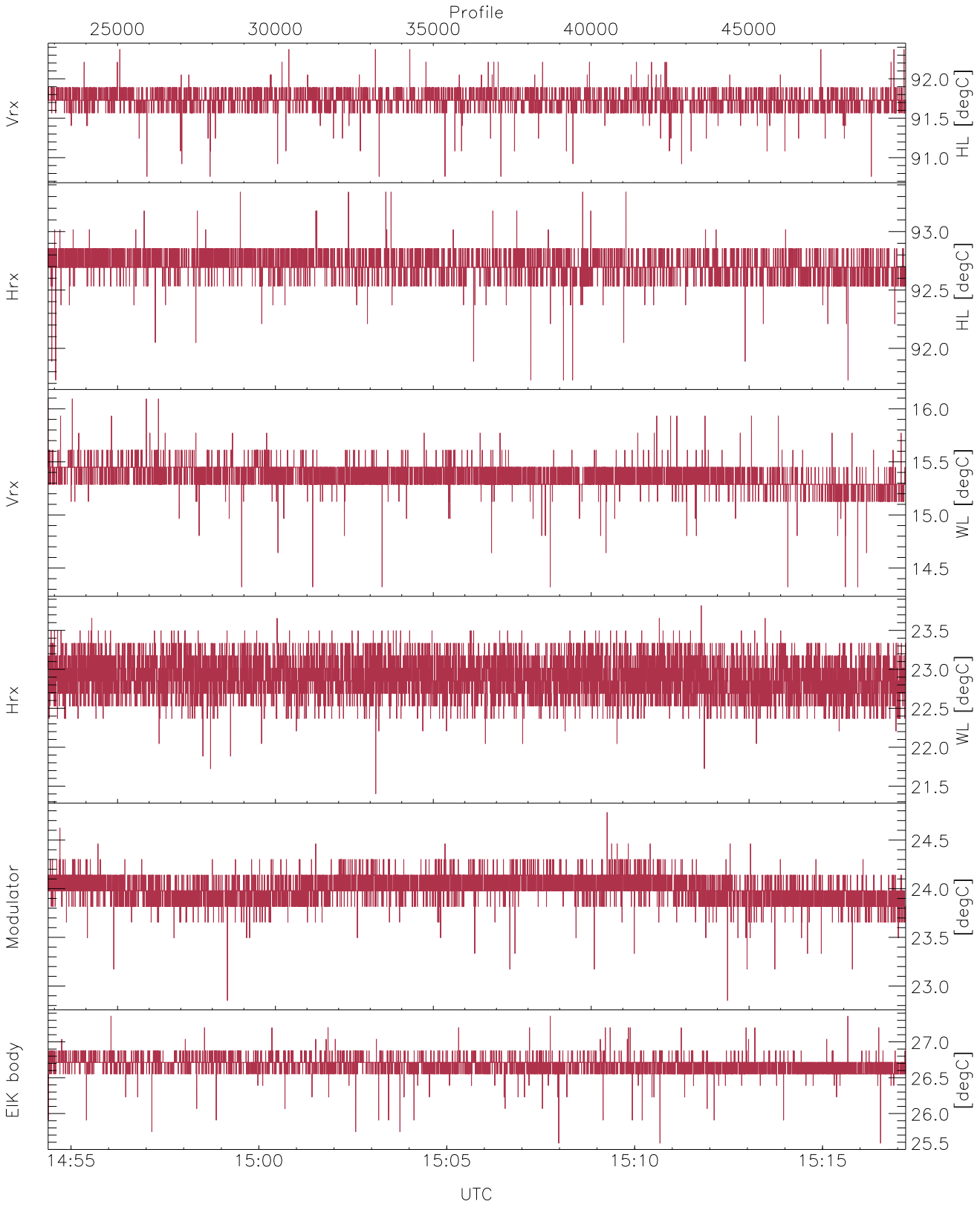






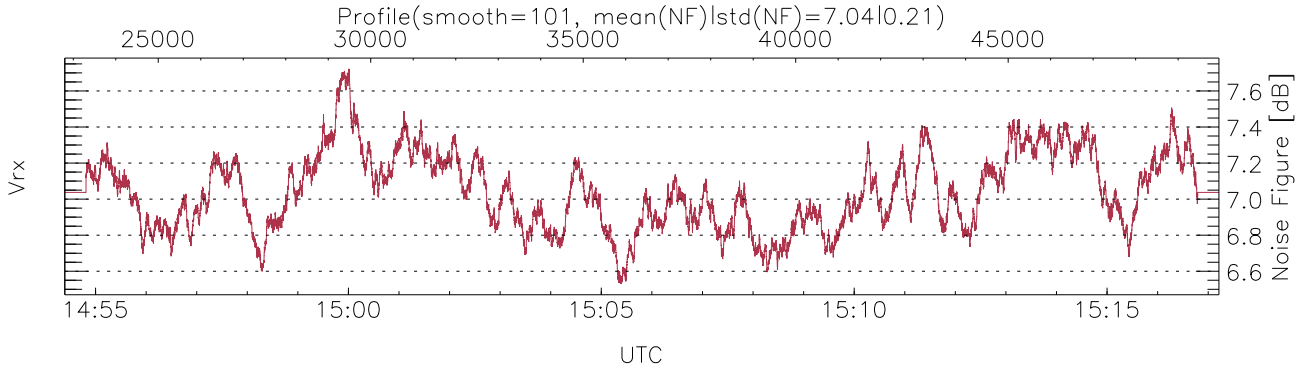
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

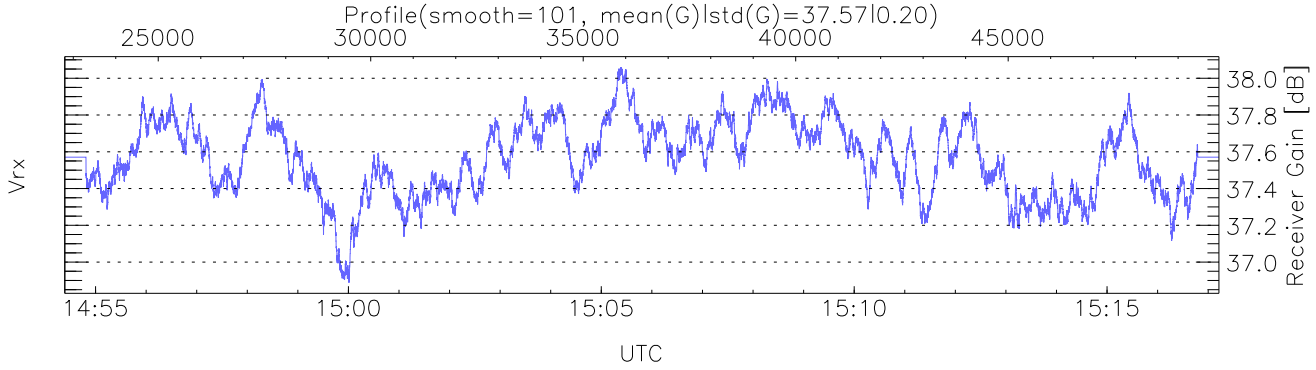
UTC: 14:35:14-15:17:13, Dur: 2518.66s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
NumRec(r/t): 27162/49962, 22800-49961/14:54:24-15:17:13
AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
PRF: 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

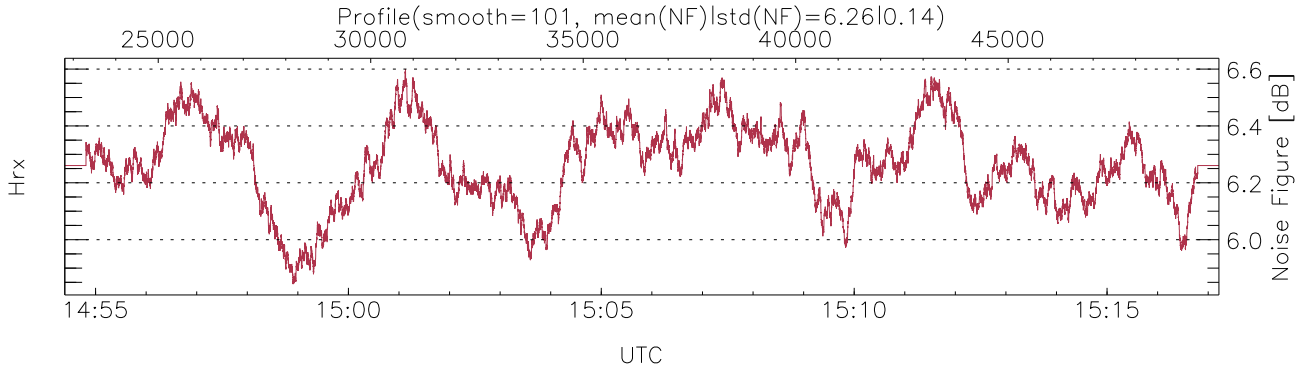


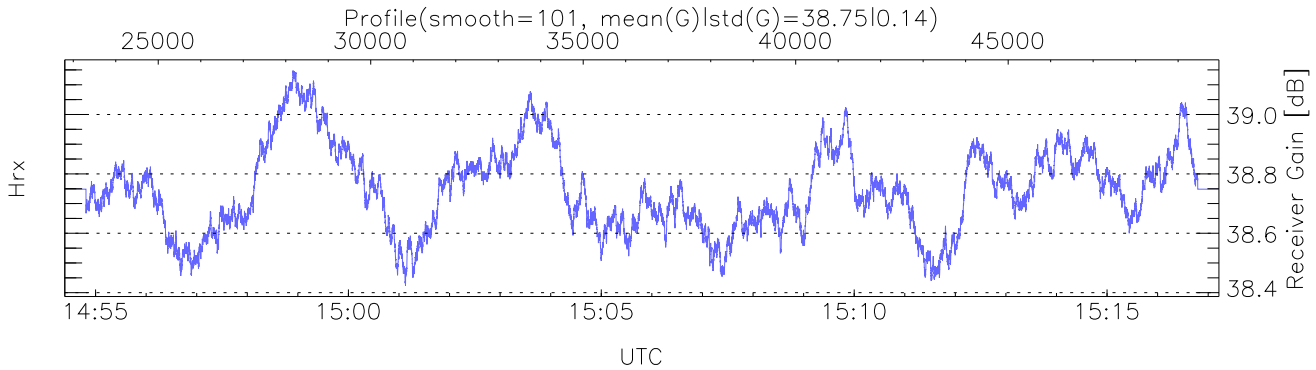
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,14,21,22,25
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,16,23,24,27
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty (15,15,20,20,15)



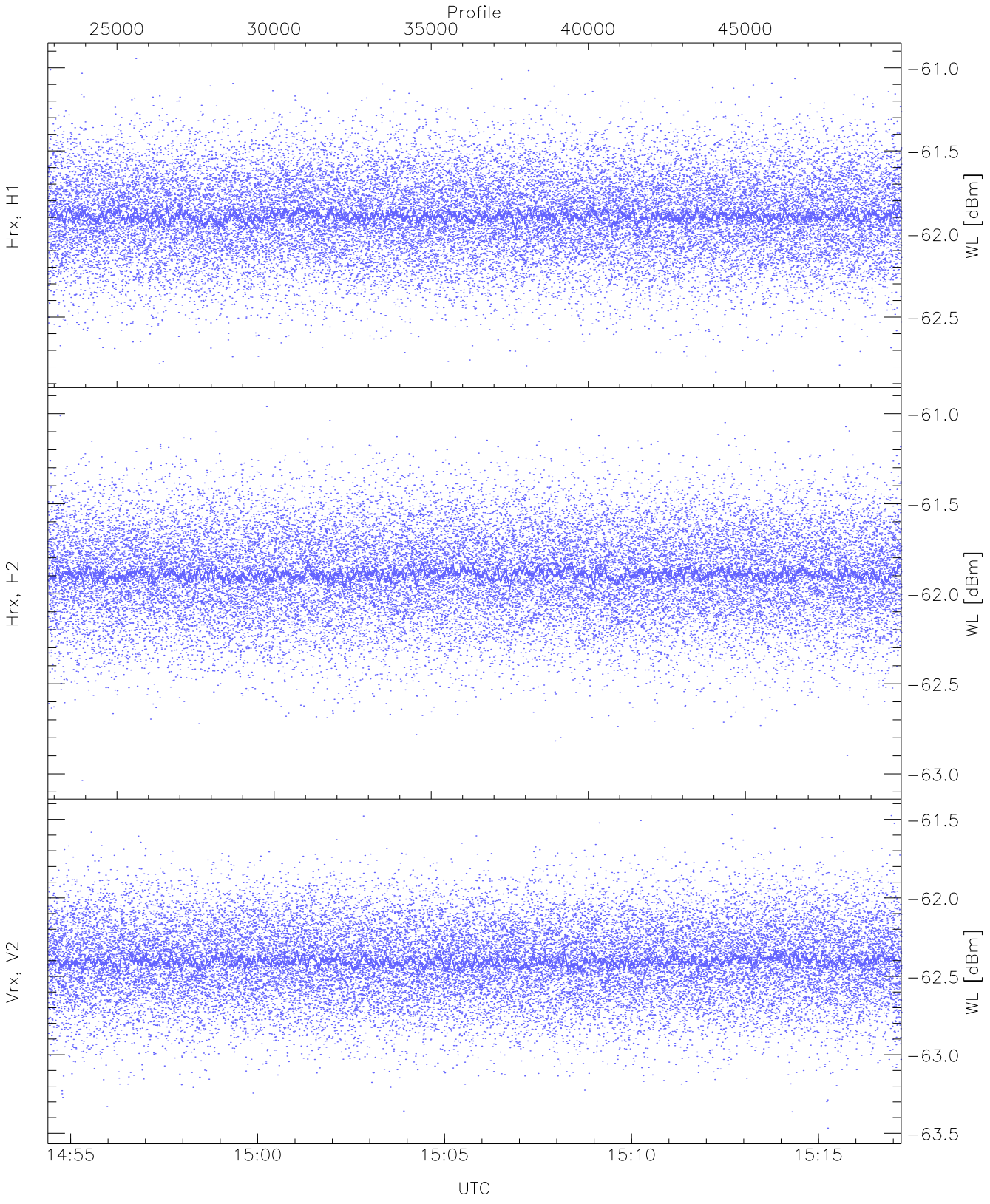






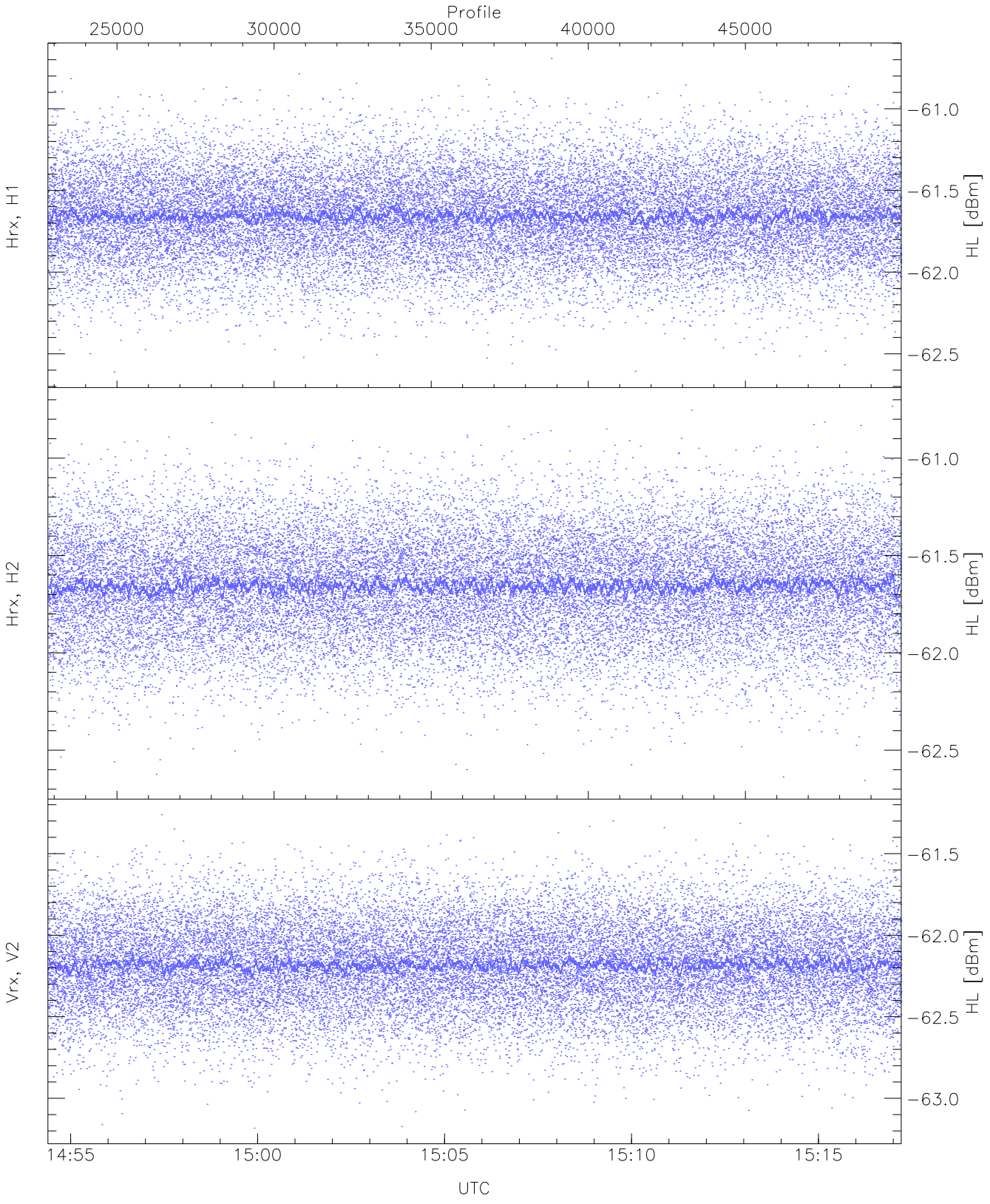
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 23828 pixs, 24 gates, 22874 profs, 2 prods



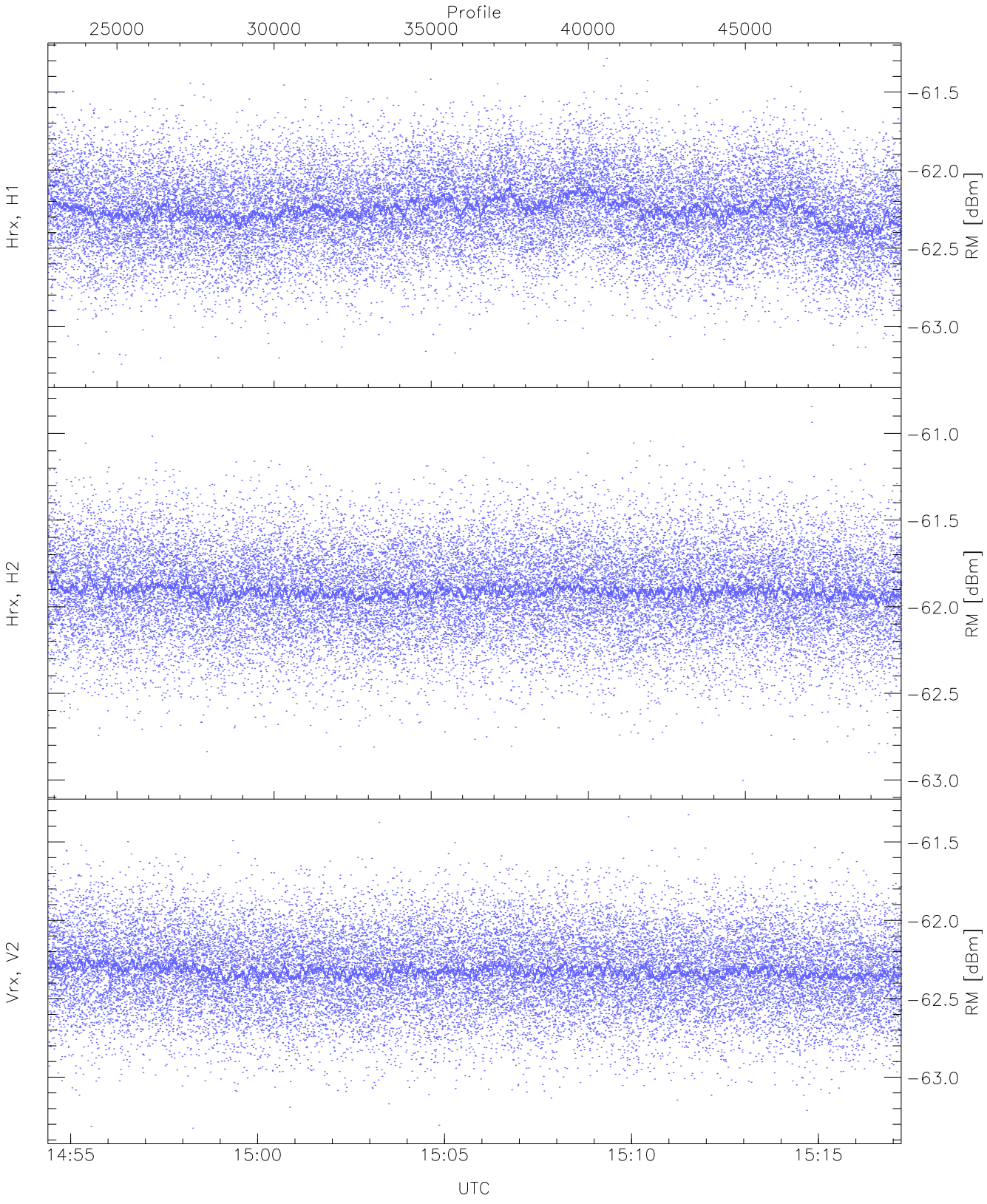
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.83	-60.94	-61.89	-61.89	-74.44
Hrx, H2(WL [dBm])	-63.04	-60.96	-61.89	-61.89	-74.47
Vrx, V2(WL [dBm])	-63.47	-61.47	-62.40	-62.40	-74.97



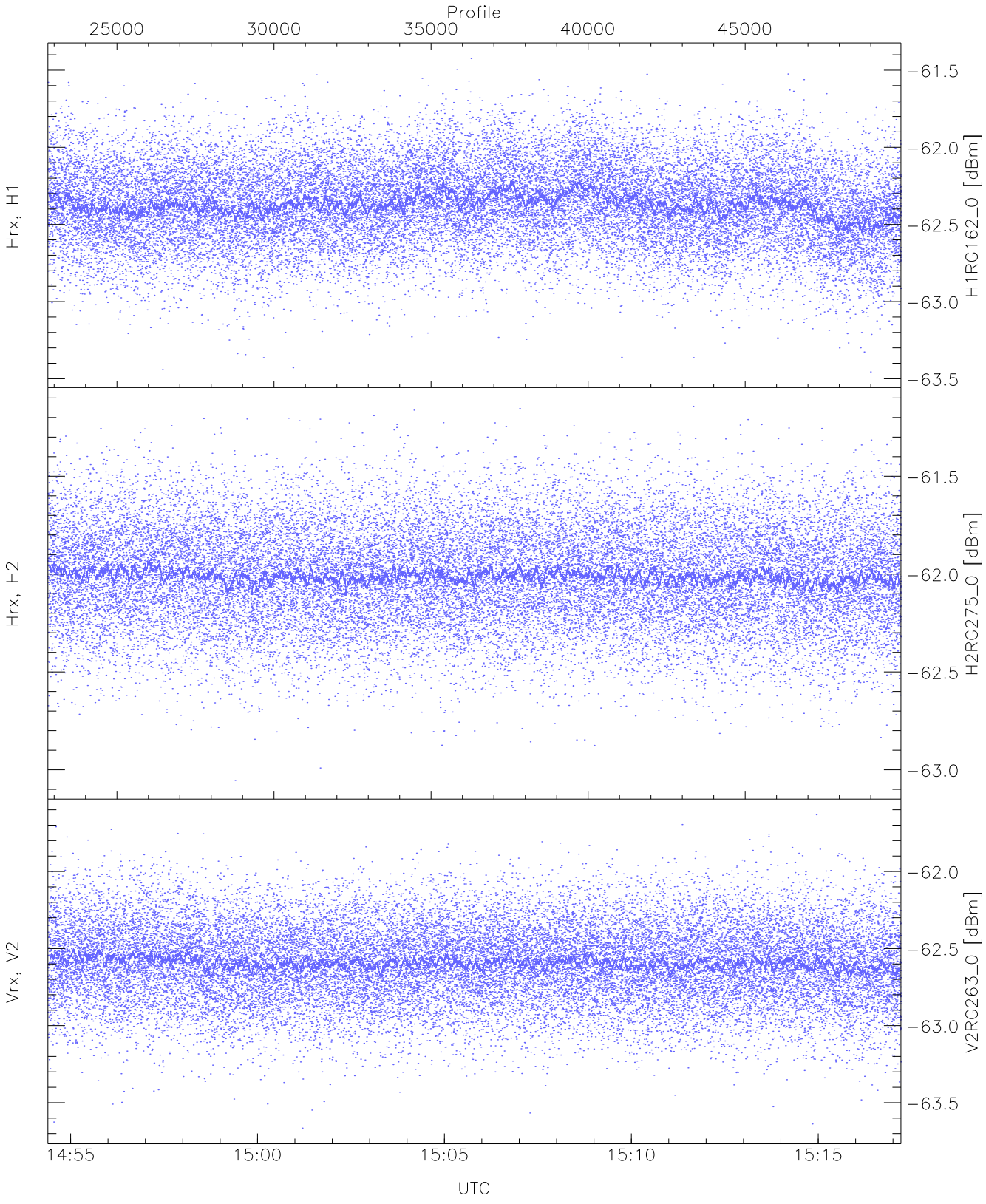
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.61	-60.69	-61.65	-61.66	-74.20
Hrx, H2(HL [dBm])	-62.66	-60.73	-61.65	-61.65	-74.24
Vrx, V2(HL [dBm])	-63.18	-61.26	-62.18	-62.18	-74.73



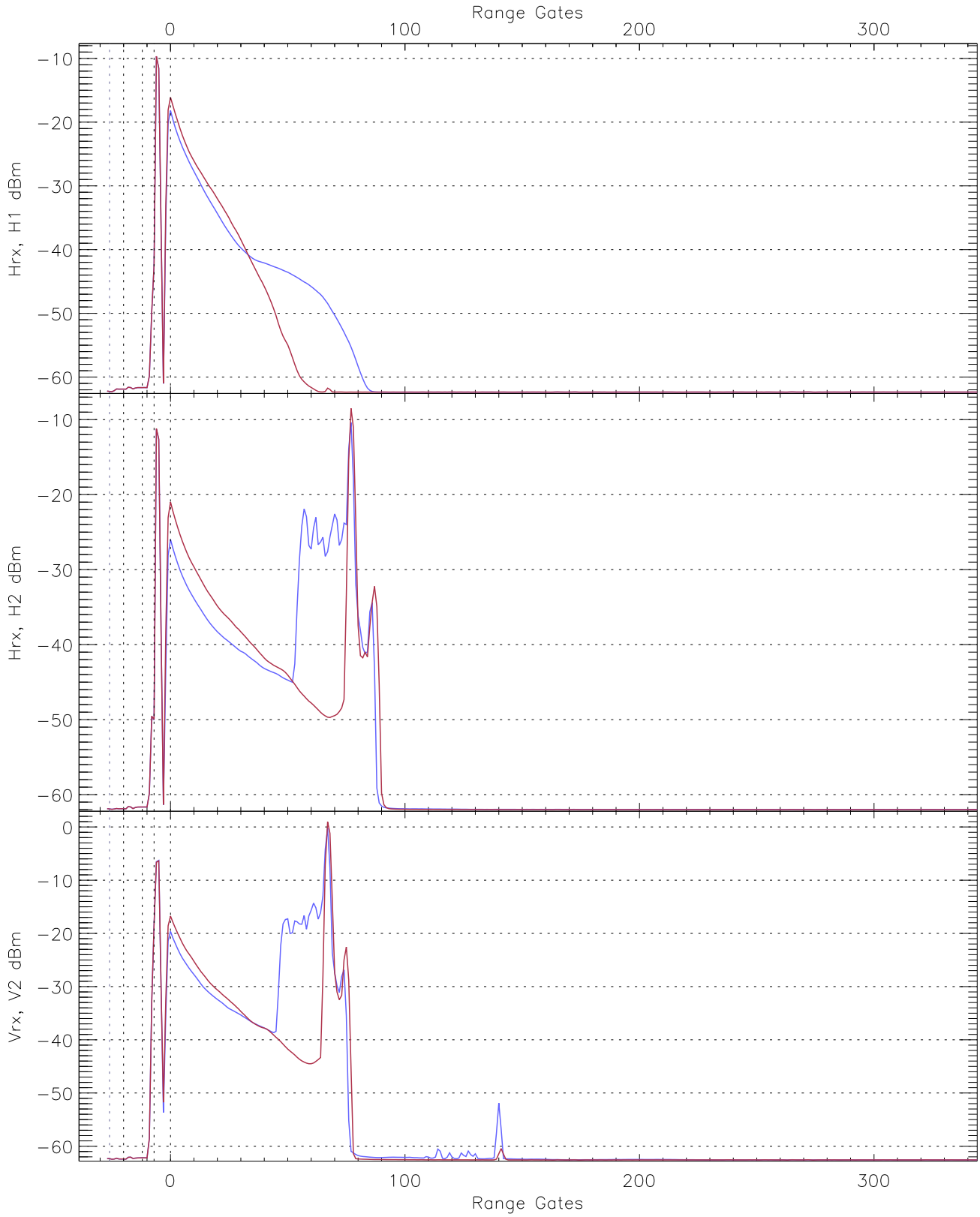
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.29	-61.29	-62.25	-62.26	-74.70
Hrx, H2(RM [dBm])	-63.00	-60.84	-61.91	-61.91	-74.47
Vrx, V2(RM [dBm])	-63.32	-61.33	-62.32	-62.33	-74.90

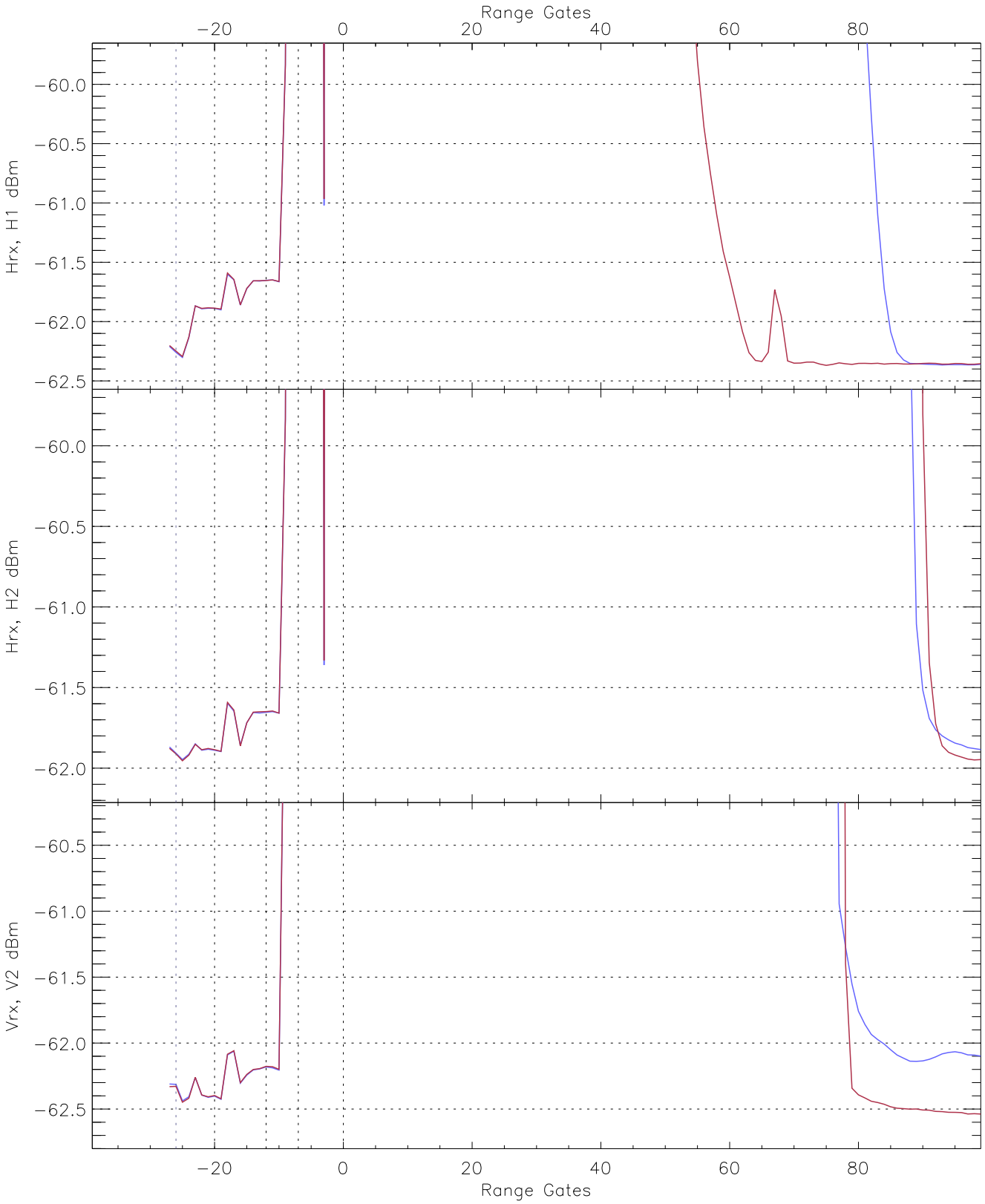


WCR2 CPP "Best" estimate Receivers Noise Power

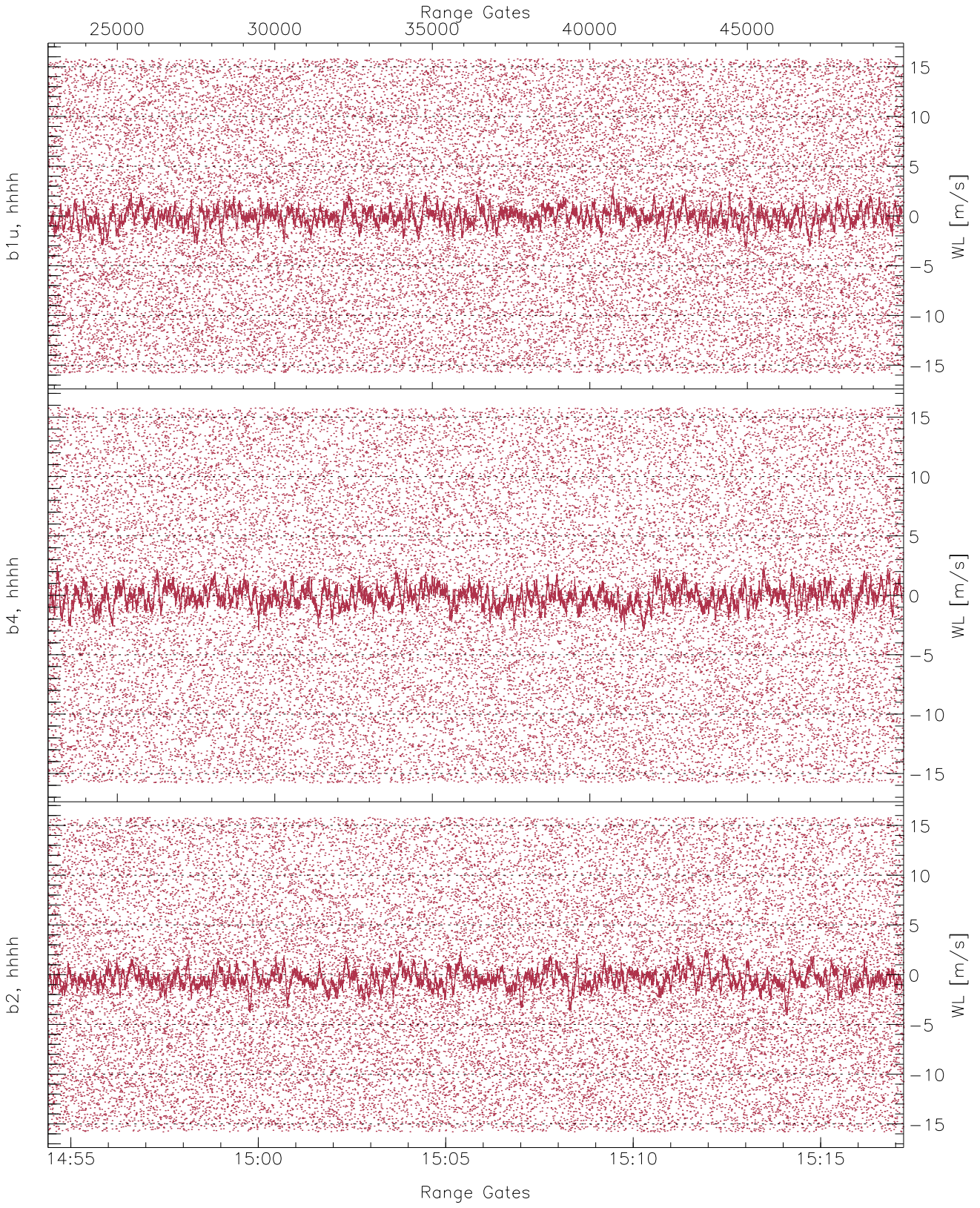
	Min	Max	Mean	Median	StDev
H1RG162_0 [dBm]	-63.46	-61.42	-62.37	-62.37	-74.81
H2RG275_0 [dBm]	-63.05	-61.14	-62.01	-62.01	-74.58
V2RG263_0 [dBm]	-63.66	-61.63	-62.59	-62.59	-75.11



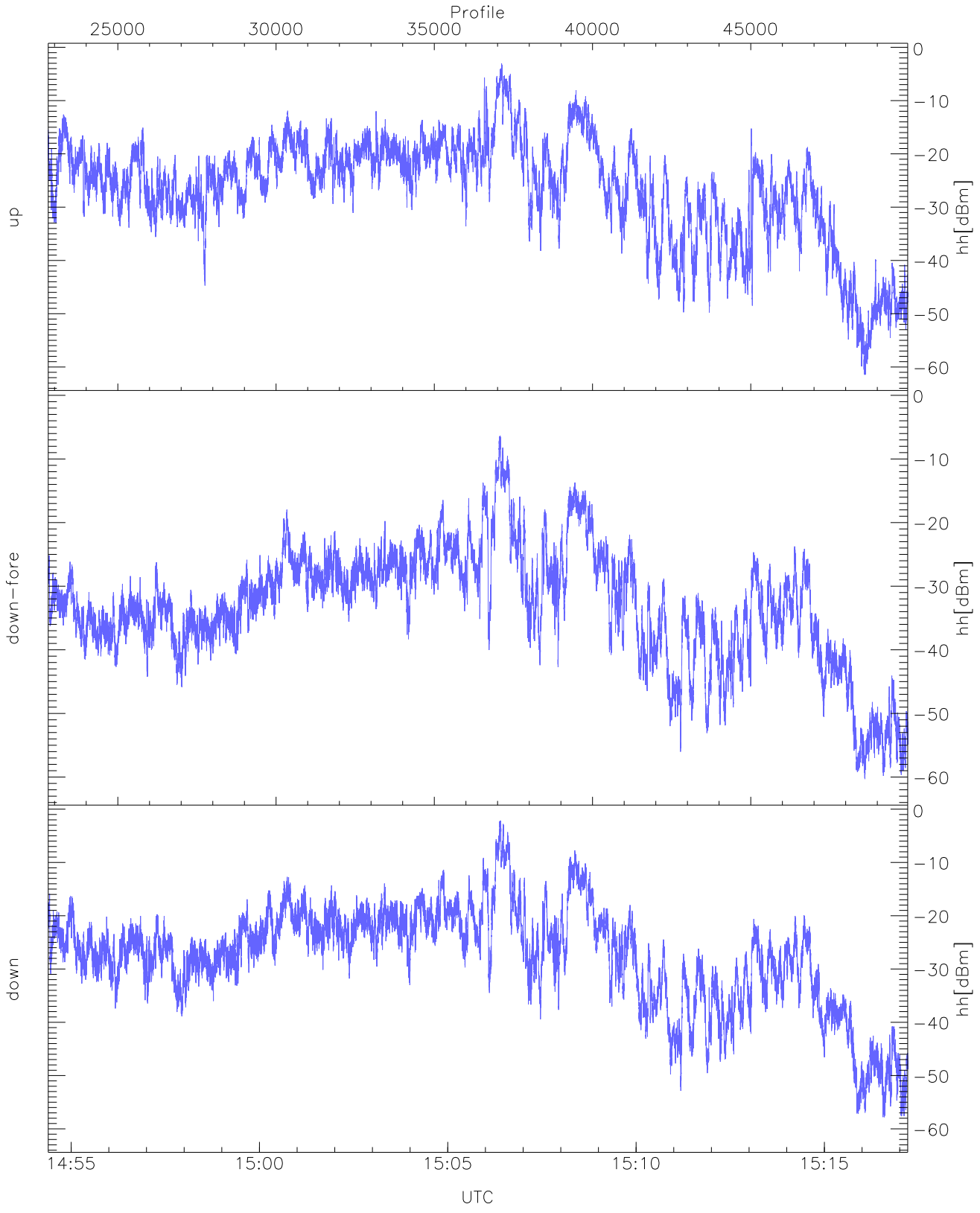
WCR2 CPP Averaged Received power for all recorded gates
blue: 145424-150548, 13582 profiles averaged
red: 150548-151713, 13581 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 145424-150548, 13582 profiles averaged
red: 150548-151713, 13581 profiles averaged

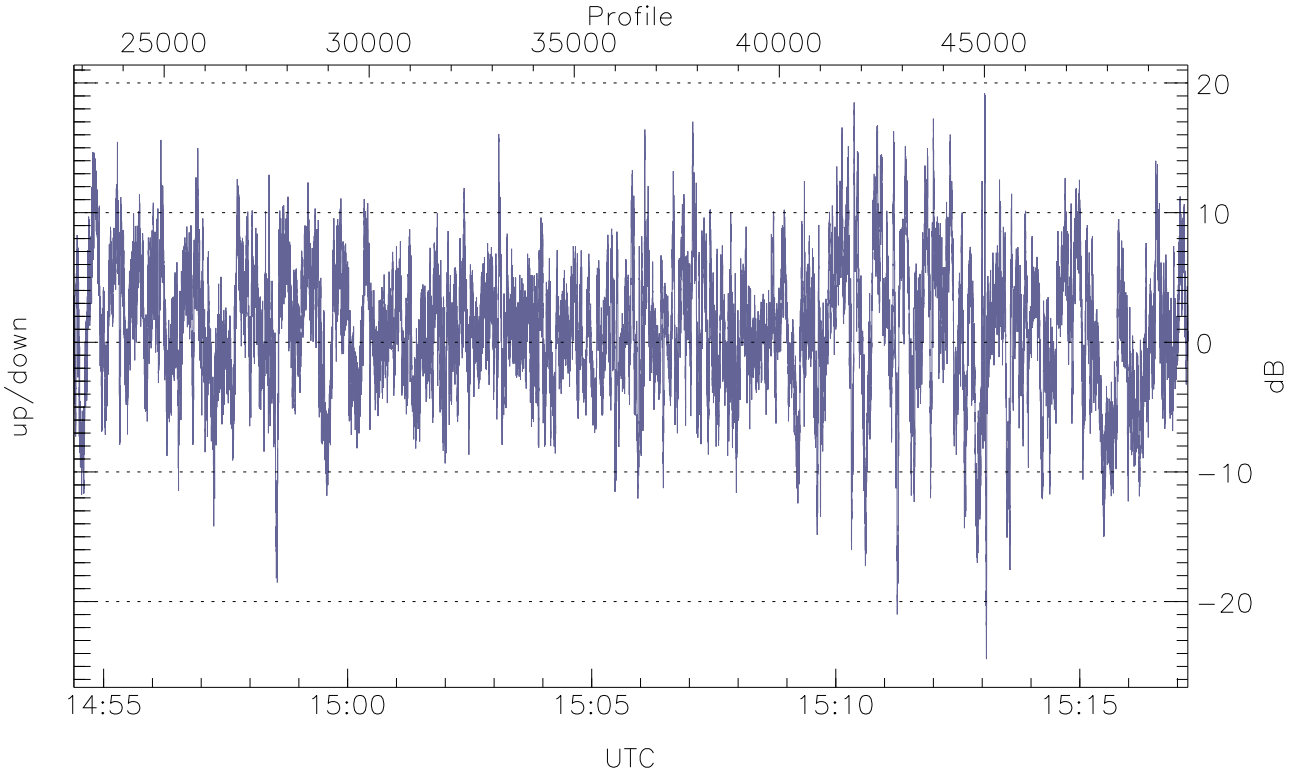


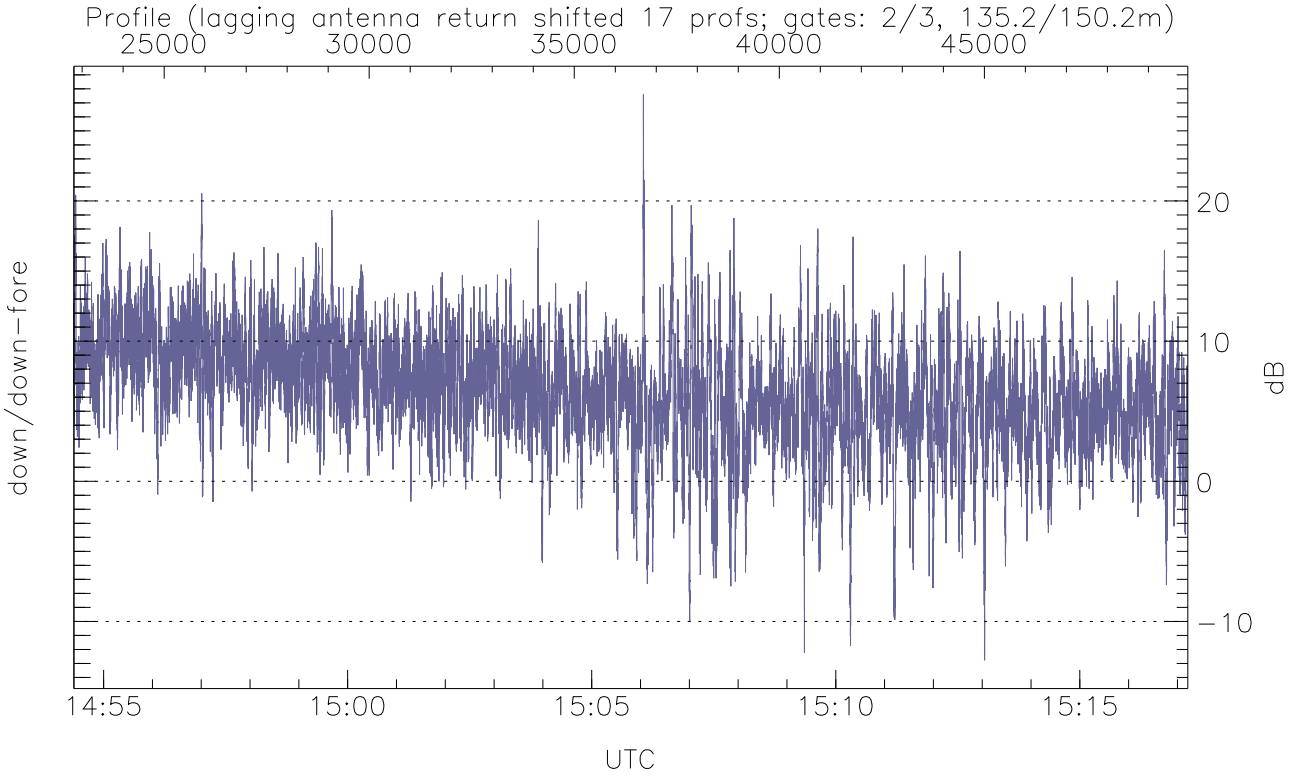
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



WCR2 CPP Received Power Products for Range gate 2 (135.2 m)

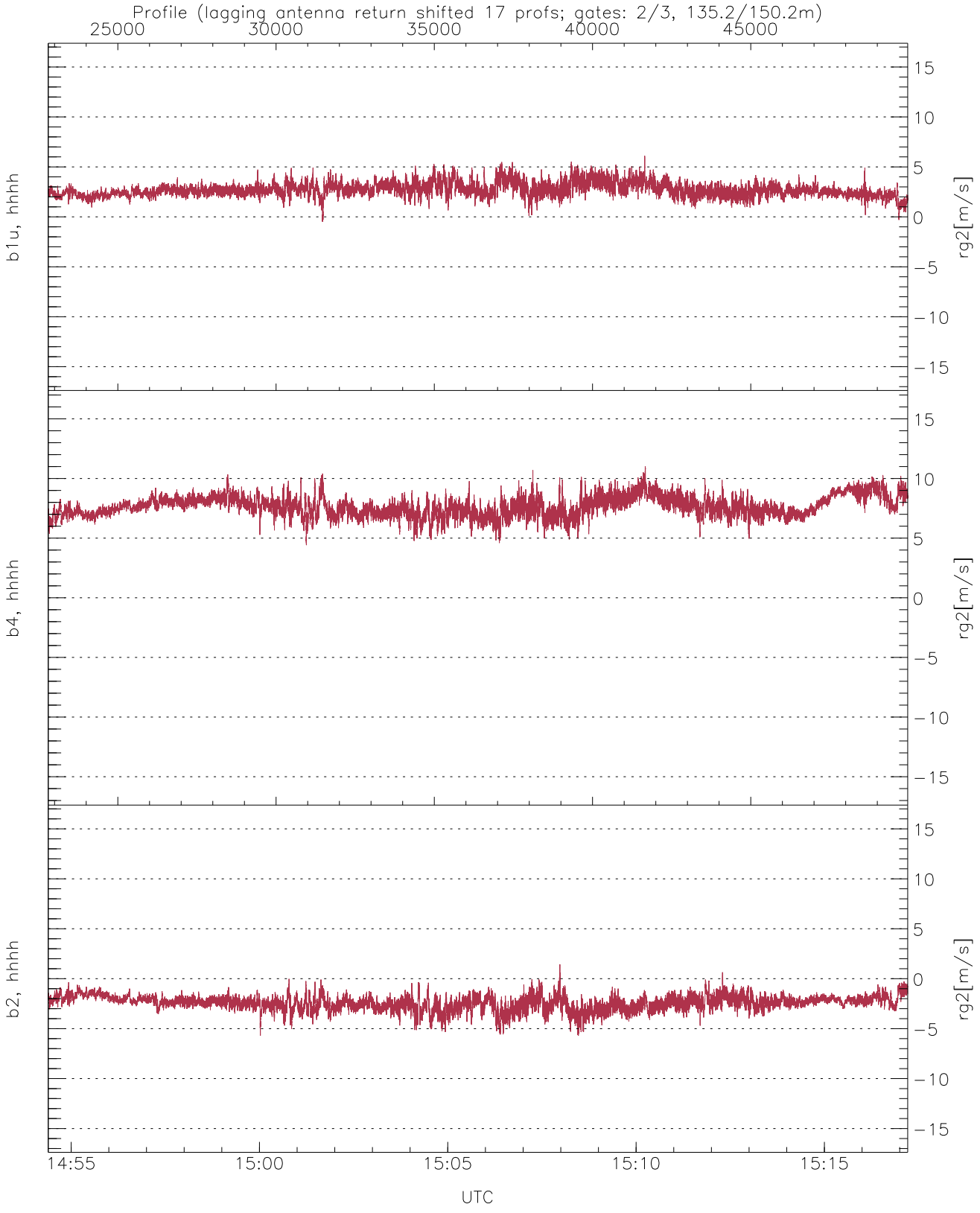
	Min	Max	Mean
up(hh[dBm])	-61.44	-3.07	-19.57
down-fore(hh[dBm])	-60.31	-6.35	-25.06
down(hh[dBm])	-57.82	-2.20	-20.14





WCR2 Beam pairs Received Power Ratio(s); RangeGate: 2 (135 m)

	Min	Max	Mean
up/down(dB)	-24.43	19.20	1.04
down/down-fore(dB)	-12.77	27.60	6.46



WCR2 CPP Doppler Velocity Products at 135.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg2[m/s])	-0.49	6.10	2.70	0.69
b4, hhhh(rg2[m/s])	4.41	11.02	7.66	0.86
b2, hhhh(rg2[m/s])	-5.70	1.43	-2.43	0.74