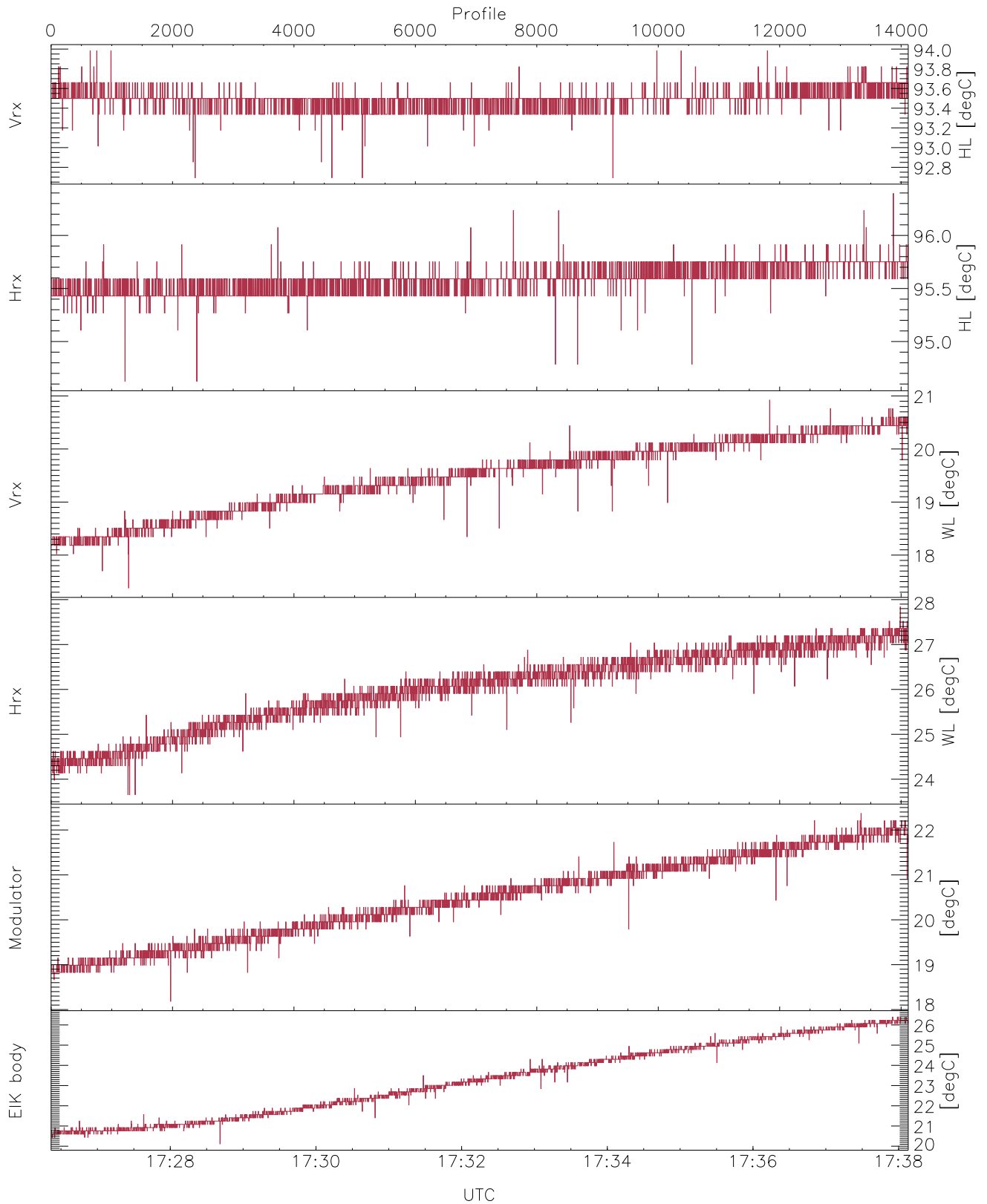


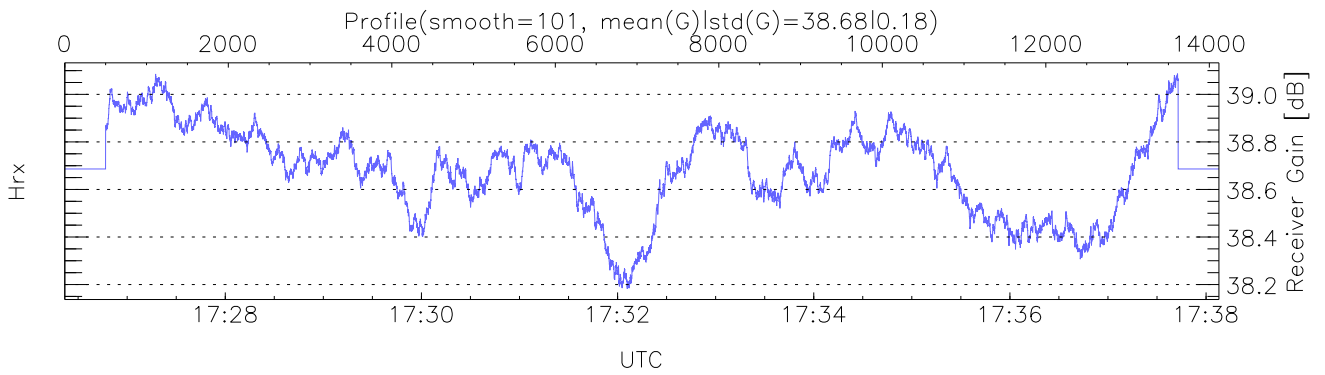
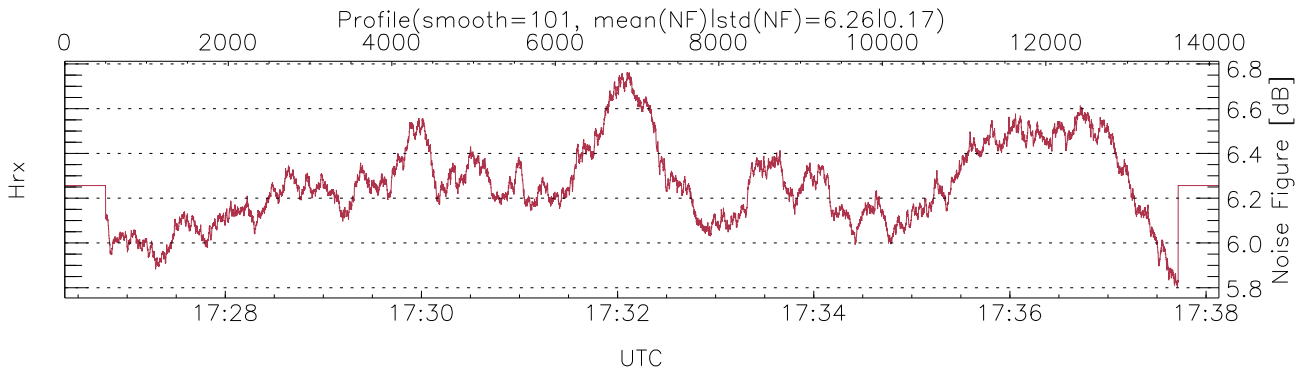
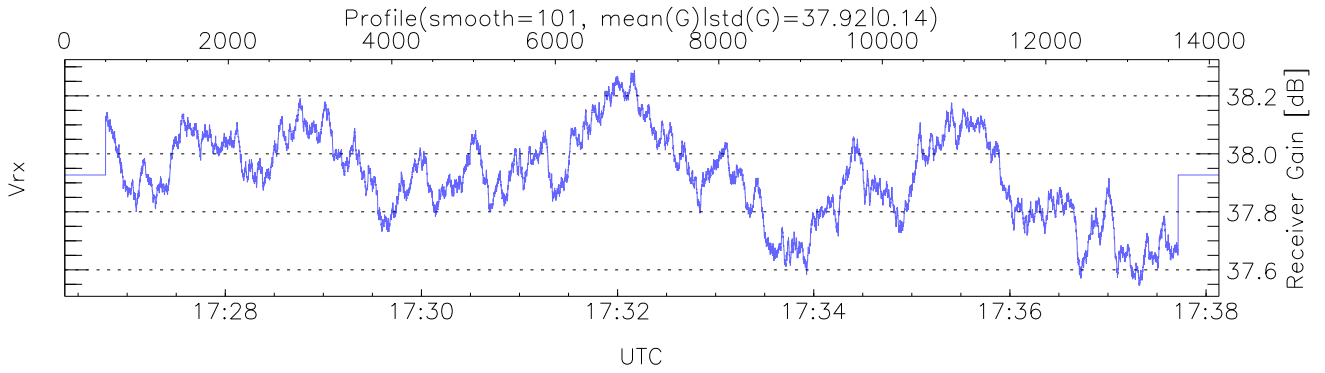
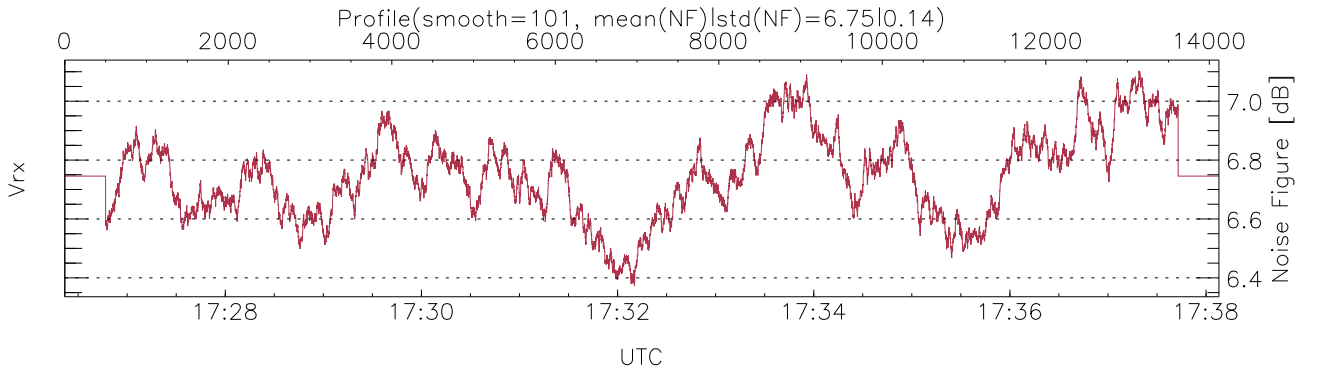
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 17:26:22-17:38:08, Dur: 706.08s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 50.0,50.0,50.0,0.0 ms / 20,20,20
 NumRec(r/t): 14119/14119, 0-14118/17:26:22-17:38:08
 AcqTime: 50.0ms, Rate: 113KB/s, Averages: 250
 Pulse: 200ns, IFF: 5.0MHz, Tx: V2 V2 H2 H2
 PRF: 20.0 20.0 20.0 KHz, IGS: 50us
 Range(min,max,rqs): 105,3108,15.0 m, Gates: 201, Aspect: 3.3
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



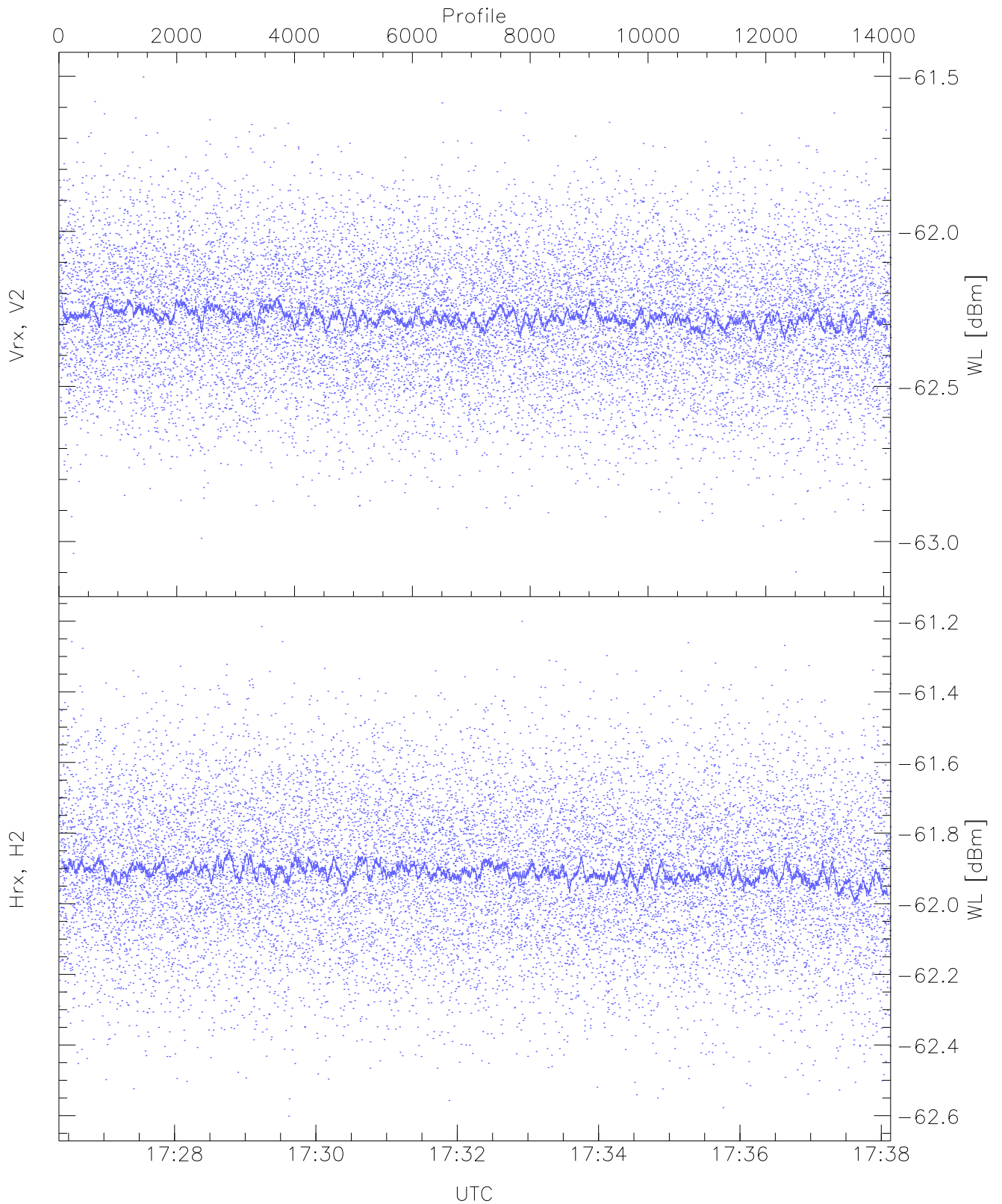
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,17,23,18,20`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,96,20,27,22,26`
`LOalarm(20,80,240,2.8,14.8 MHz): None`
`EIK Faults(# prof affected):`
`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (17,17,17,17,17,15)`



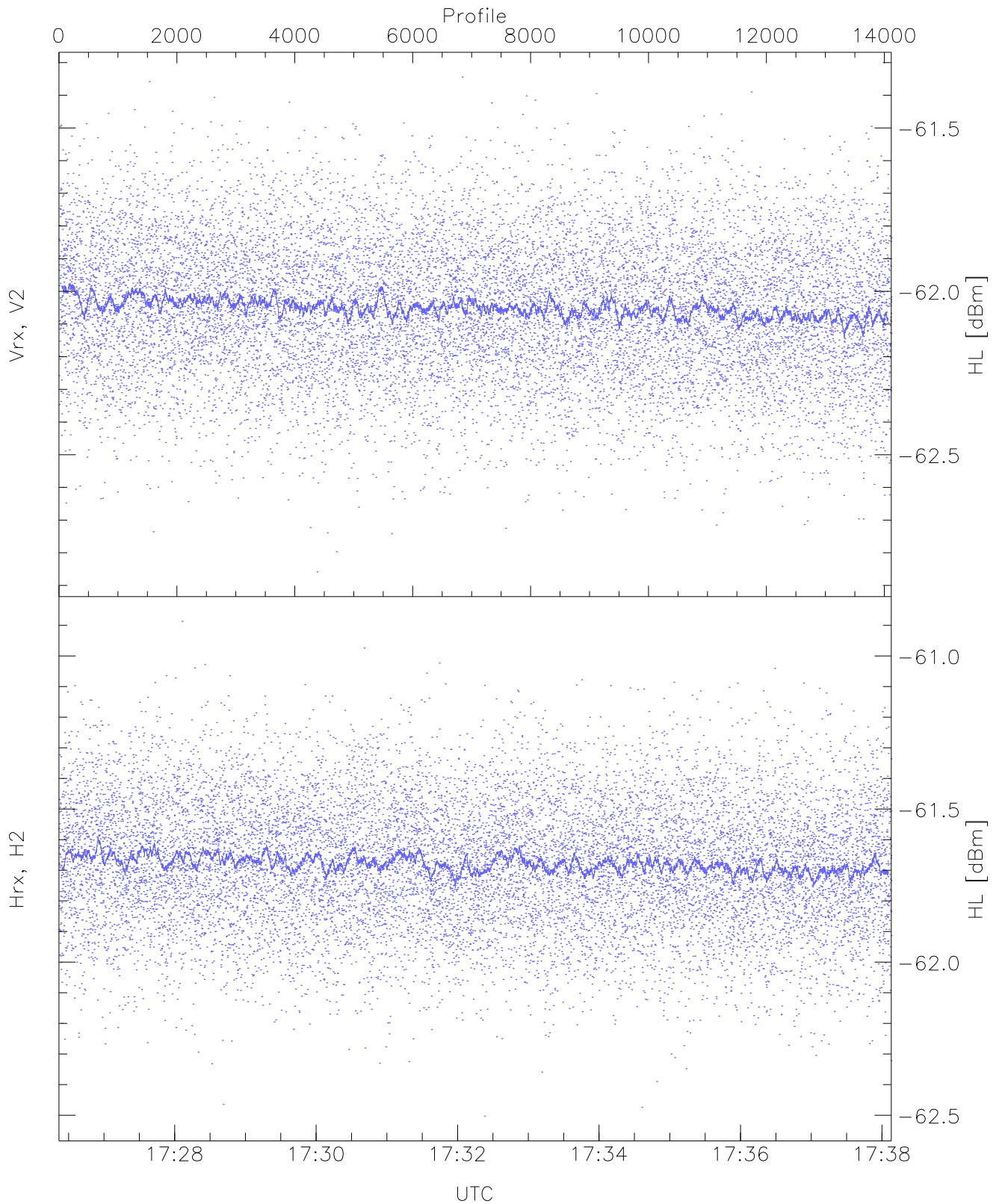
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 4062 pixs, 55 gates, 3903 profs, 2 prods



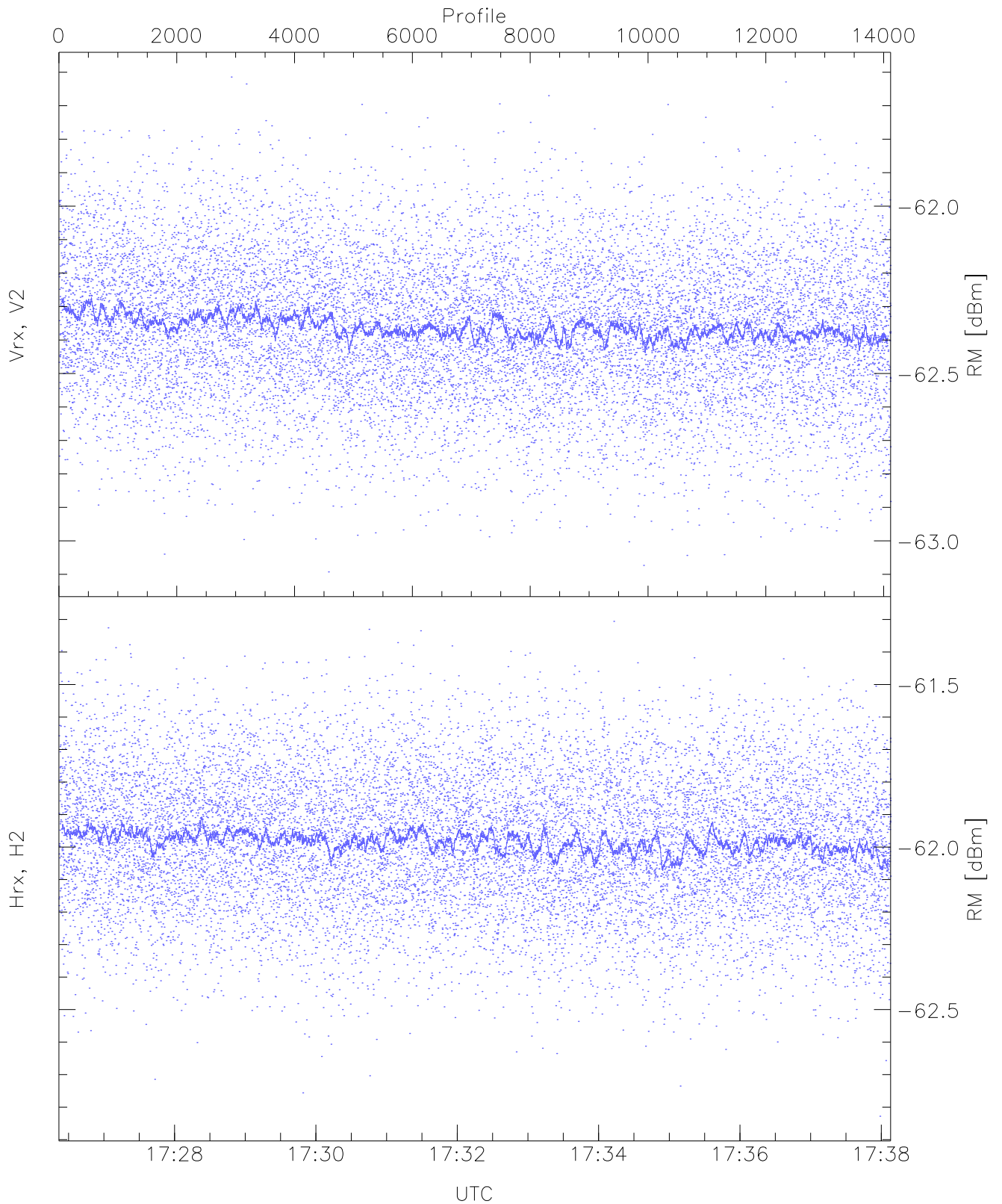
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Vrx, V2(WL [dBm])	-63.10	-61.50	-62.27	-62.28	-75.67
Hrx, H2(WL [dBm])	-62.60	-61.20	-61.91	-61.91	-75.37



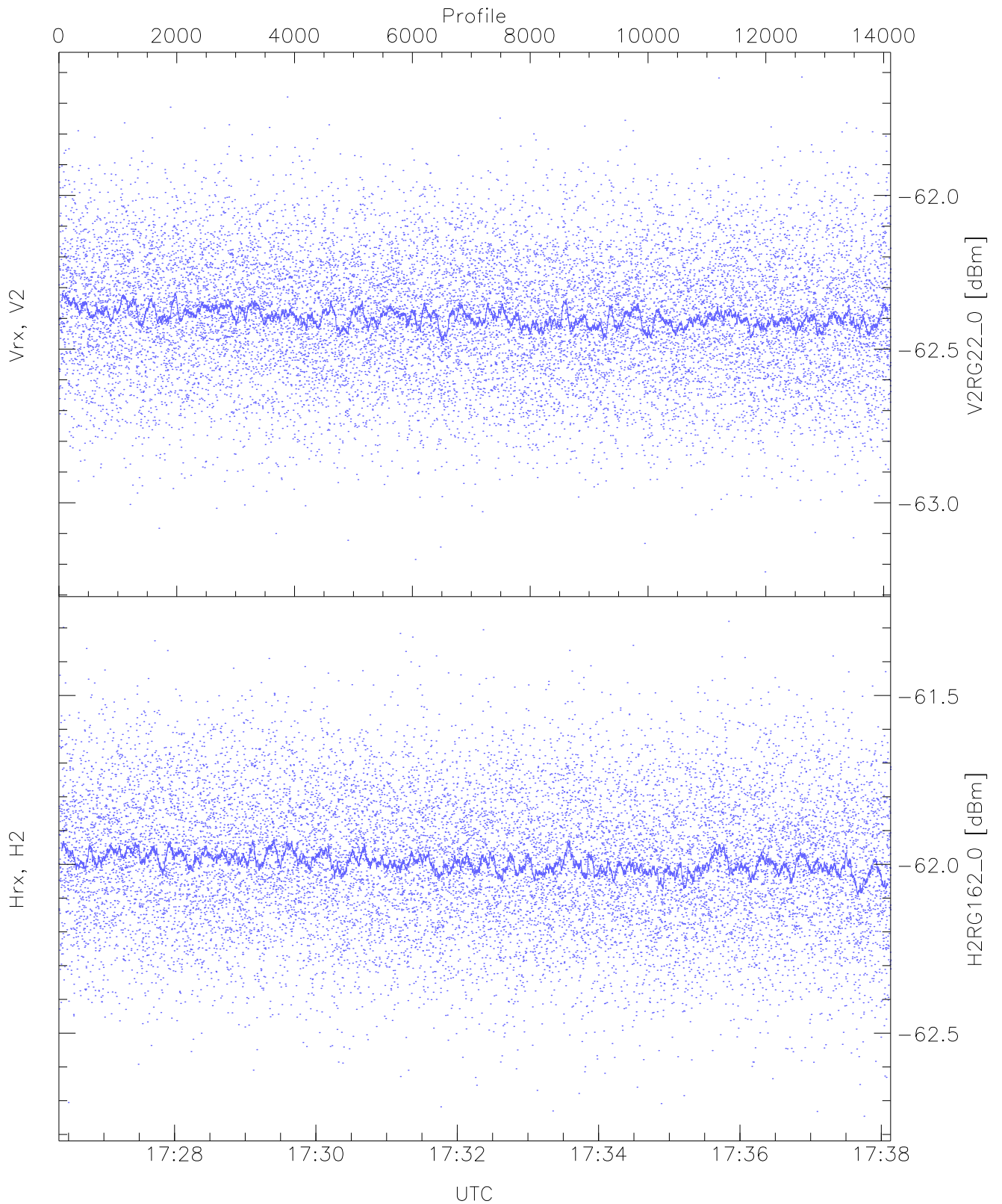
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Vrx, V2(HL [dBm])	-62.86	-61.34	-62.05	-62.05	-75.42
Hrx, H2(HL [dBm])	-62.50	-60.89	-61.68	-61.68	-75.08



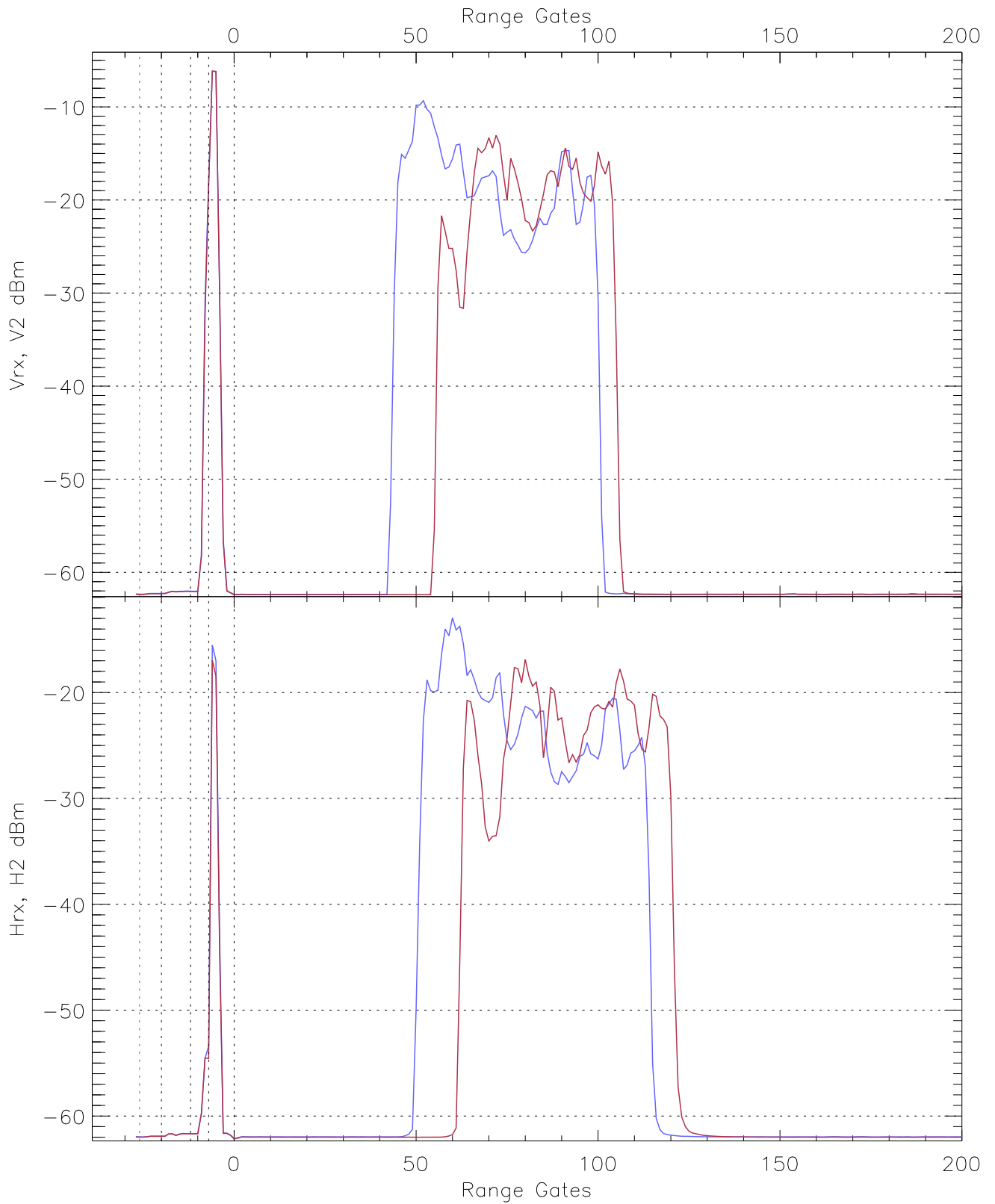
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Vrx, V2(RM [dBm])	-63.09	-61.61	-62.36	-62.36	-75.74
Hrx, H2(RM [dBm])	-62.83	-61.31	-61.98	-61.98	-75.39

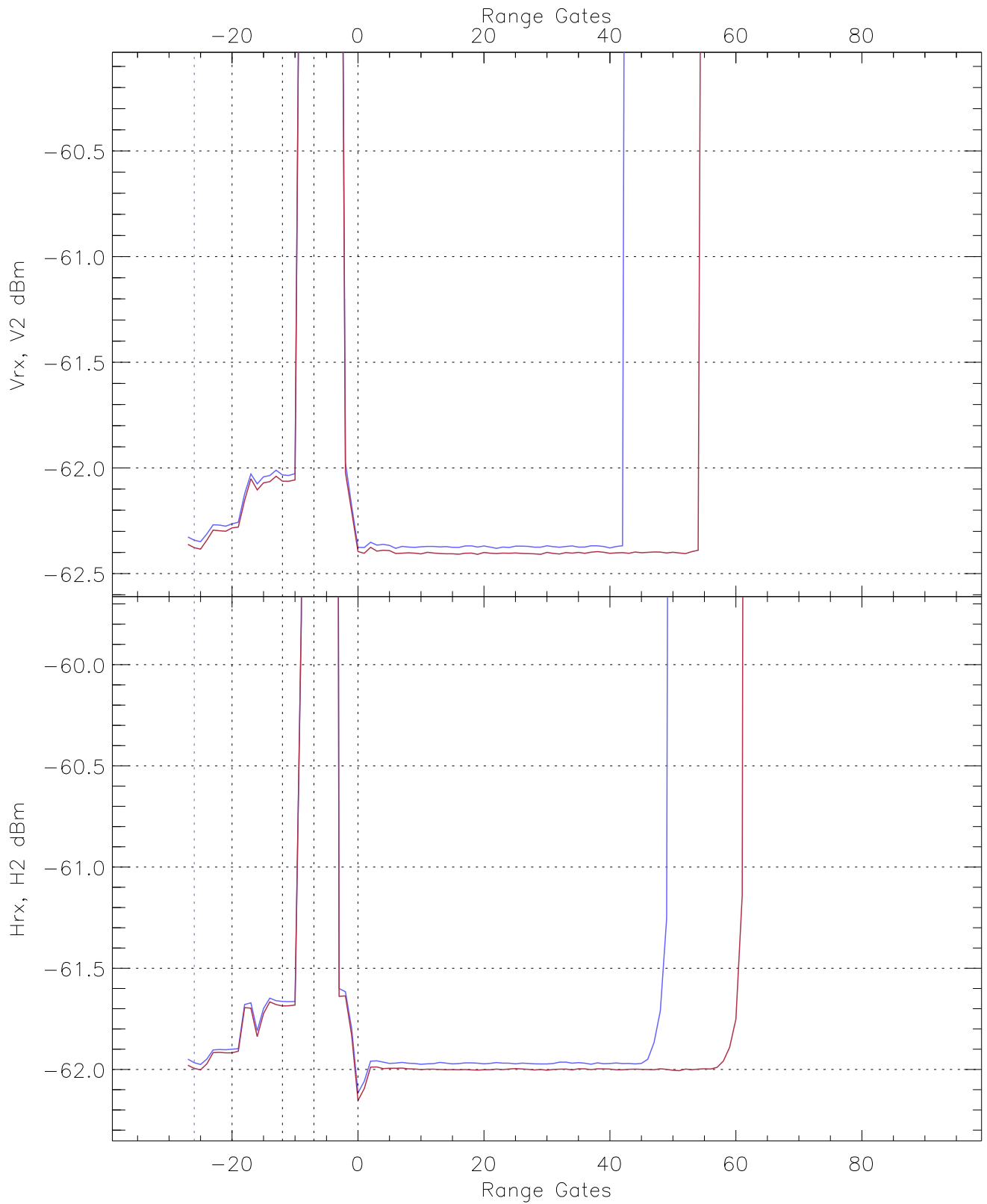


WCR2 CPP "Best" estimate Receivers Noise Power

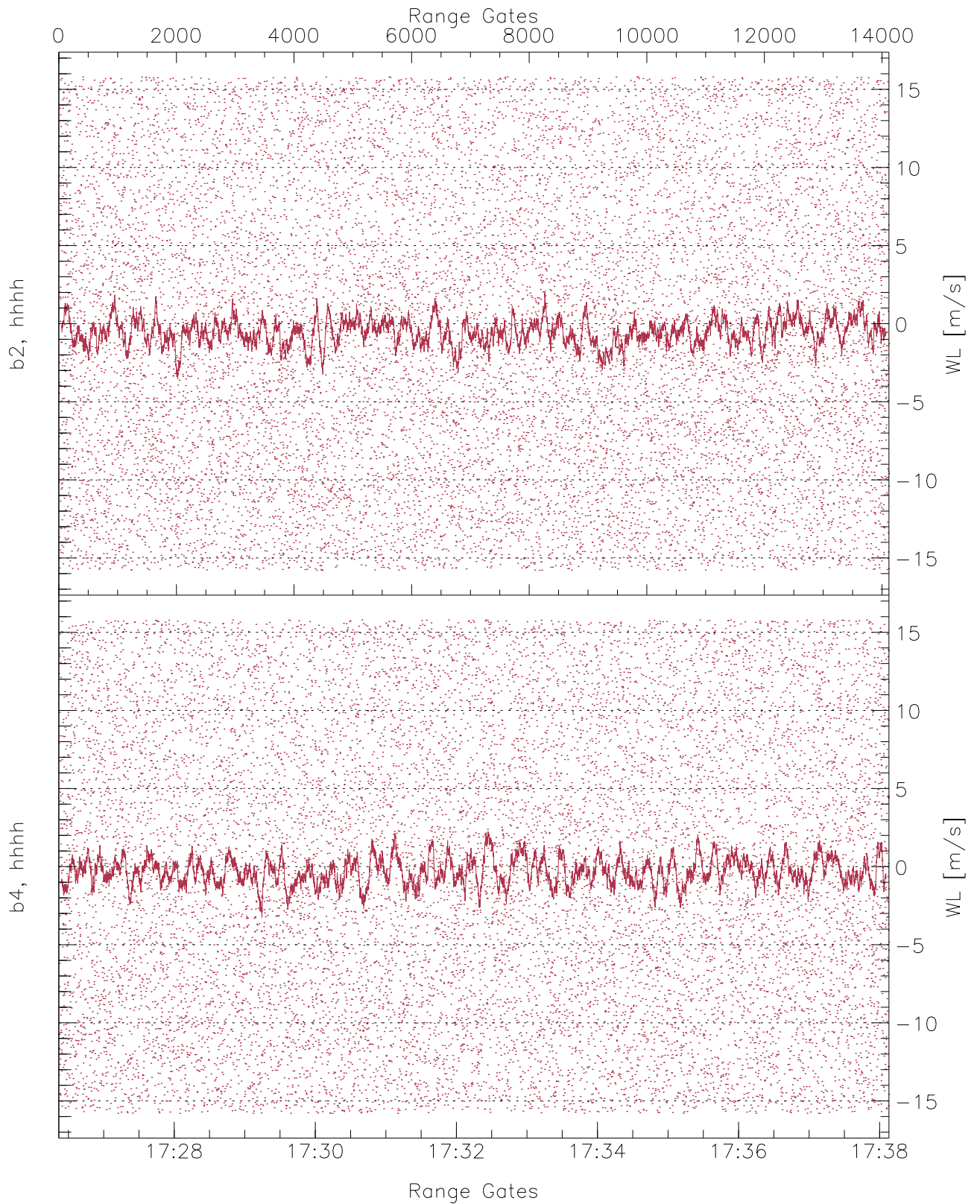
	Min	Max	Mean	Median	StDev
V2RG22_0 [dBm]	-63.22	-61.61	-62.39	-62.40	-75.74
H2RG162_0 [dBm]	-62.75	-61.28	-61.99	-62.00	-75.37



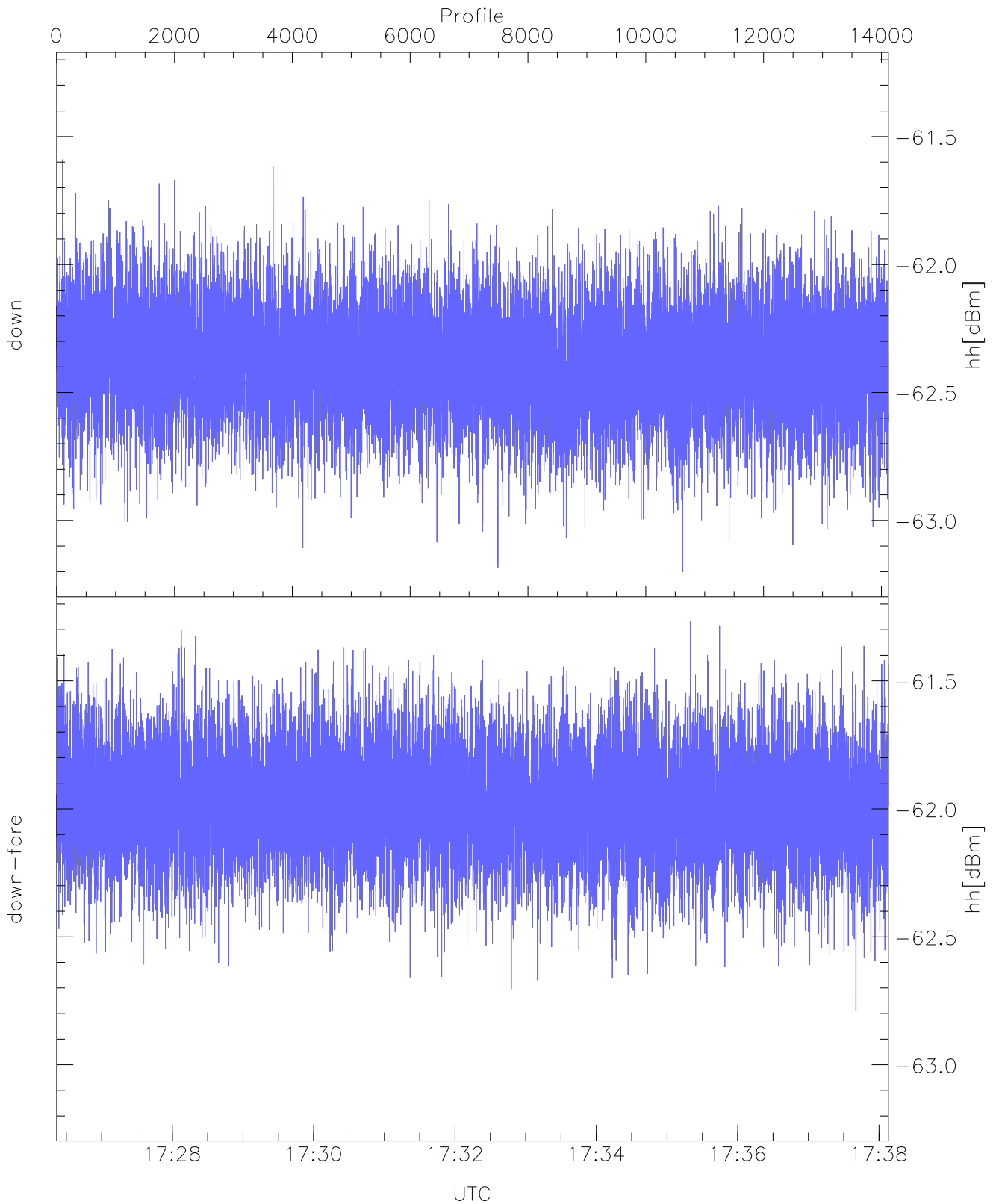
WCR2 CPP Averaged Received power for all recorded gates
blue: 172622-173215, 7060 profiles averaged
red: 173215-173808, 7060 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 172622-173215, 7060 profiles averaged
red: 173215-173808, 7060 profiles averaged

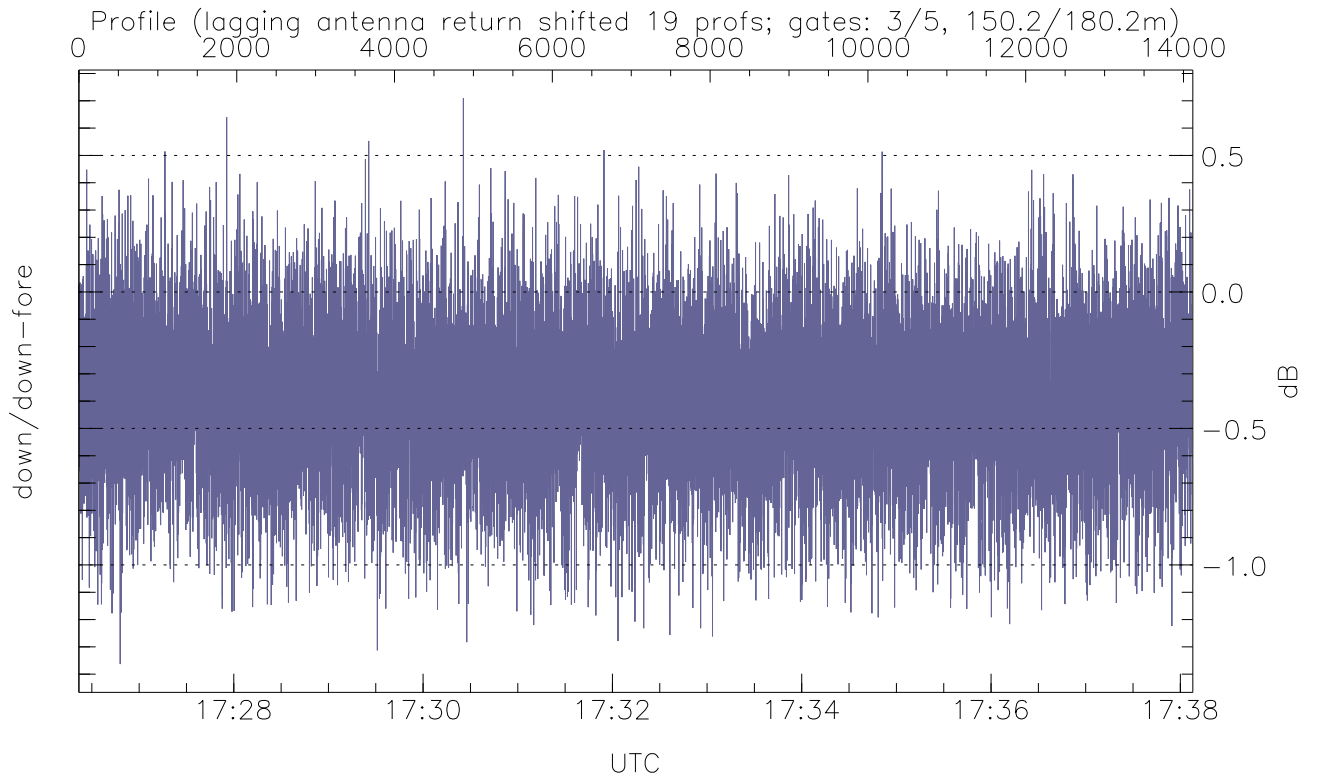


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



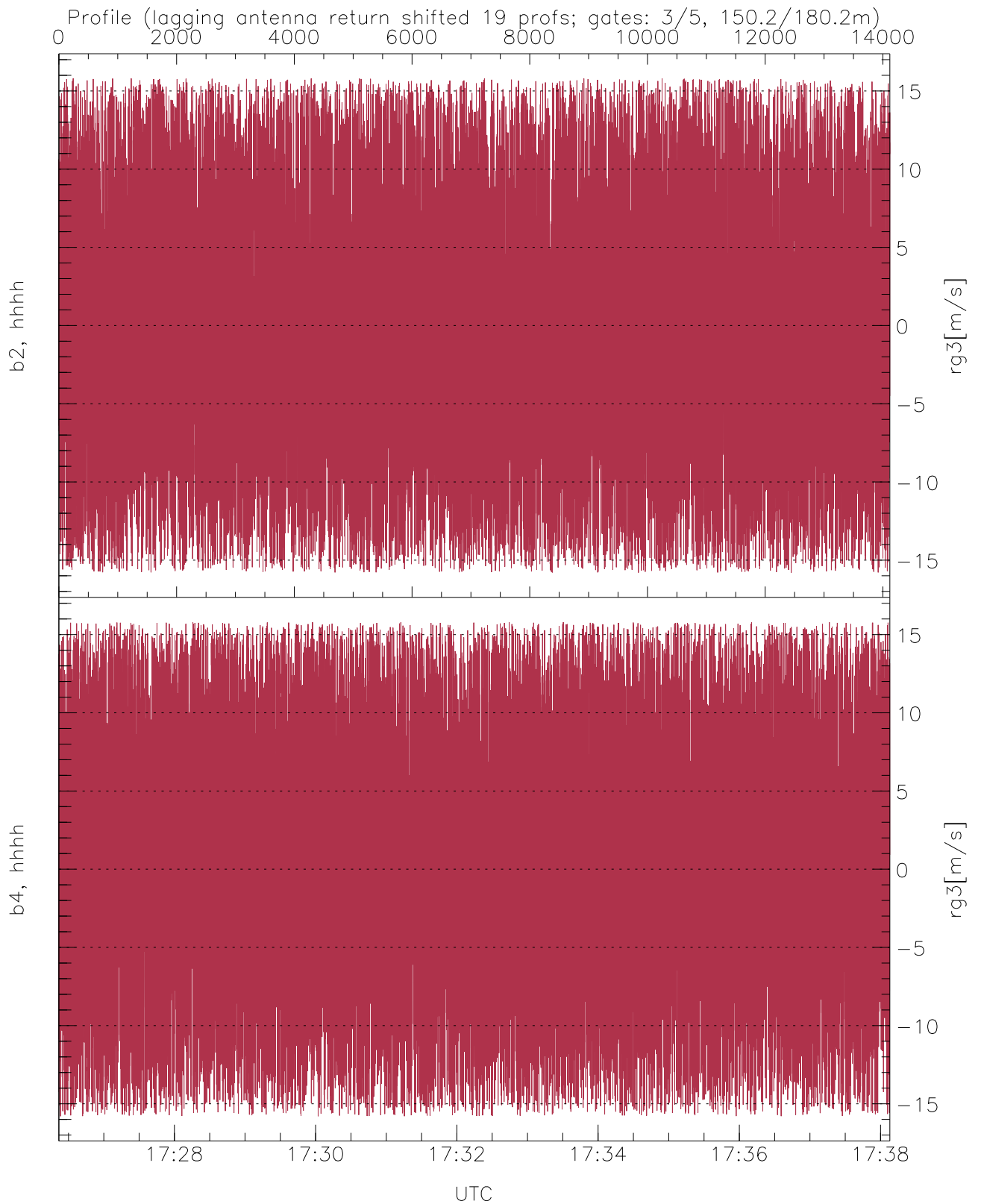
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
down(hh[dBm])	-63.20	-61.59	-62.38
down-fore(hh[dBm])	-62.79	-61.27	-61.97



WCR2 Beam pairs Received Power Ratio(s); RangeGate: 3 (150 m)

	Min	Max	Mean
down/down-fore(dB)	-1.36	0.71	-0.40



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b2, hhhh(rg3[m/s])	-15.80	15.80	-0.66	9.10
b4, hhhh(rg3[m/s])	-15.80	15.79	0.04	9.17