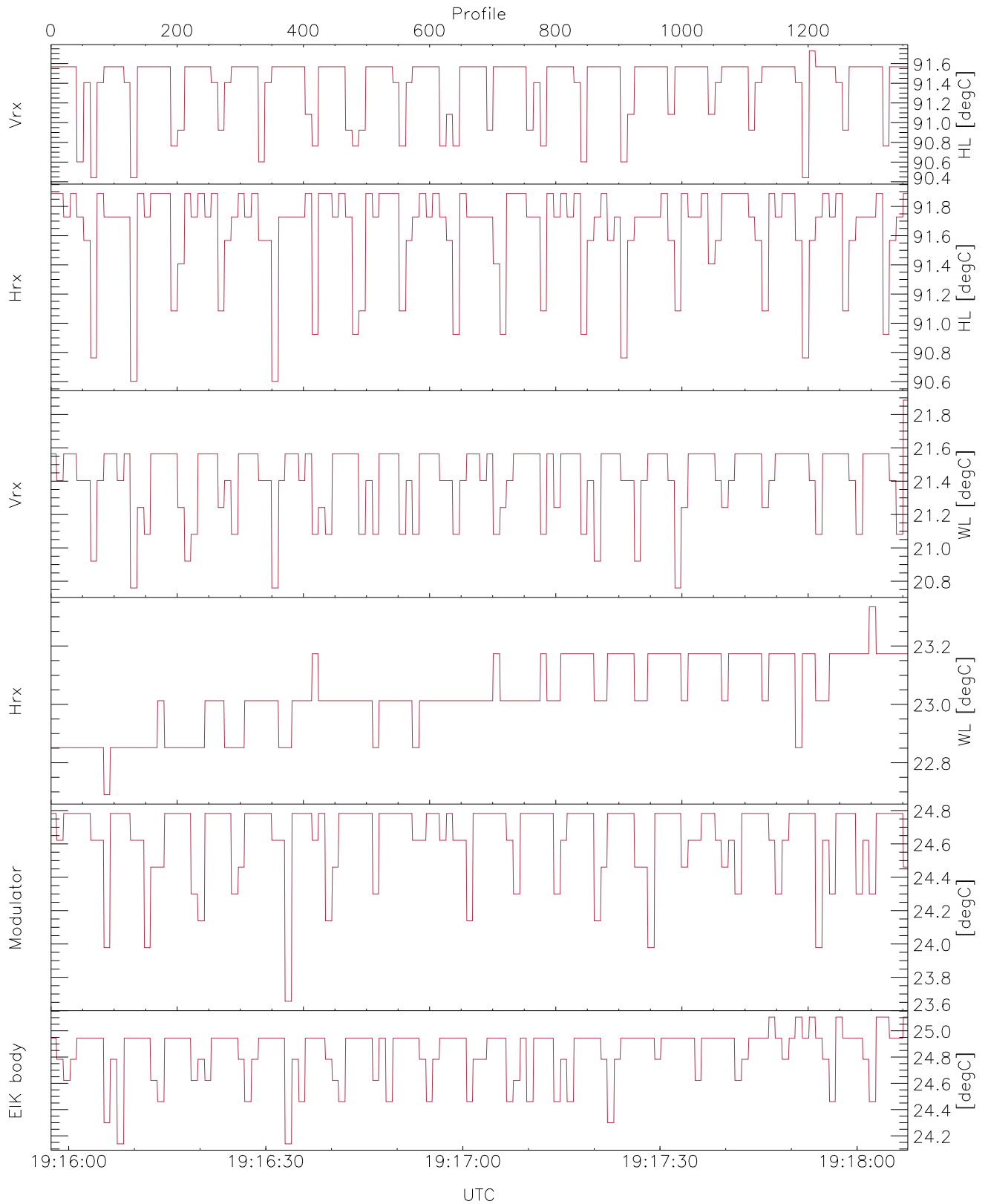


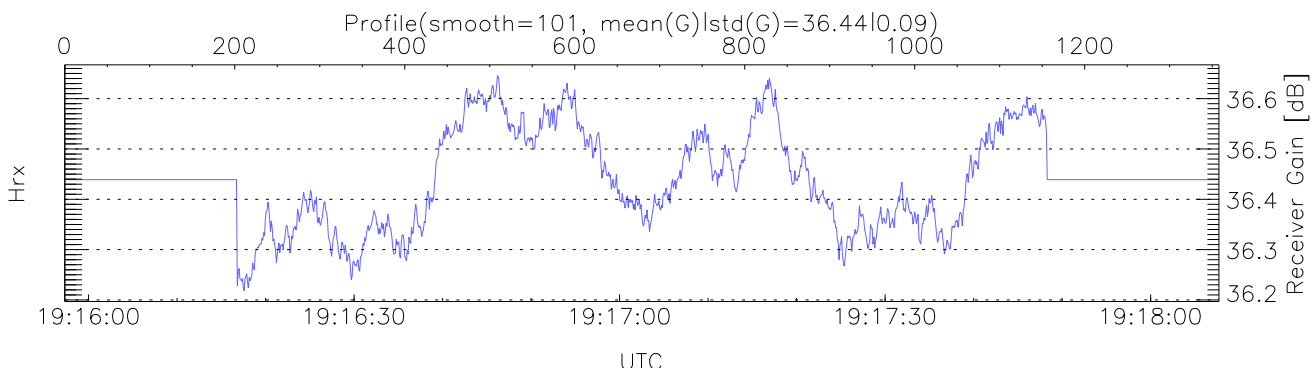
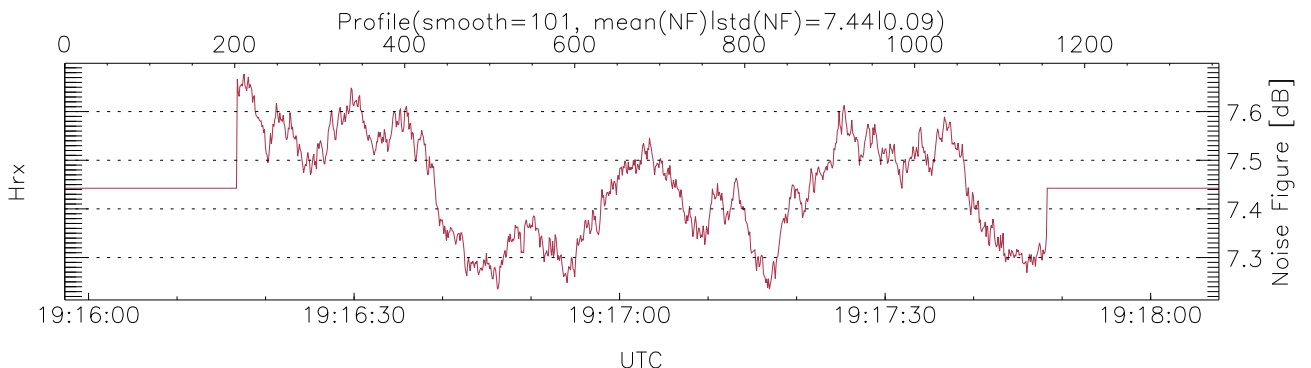
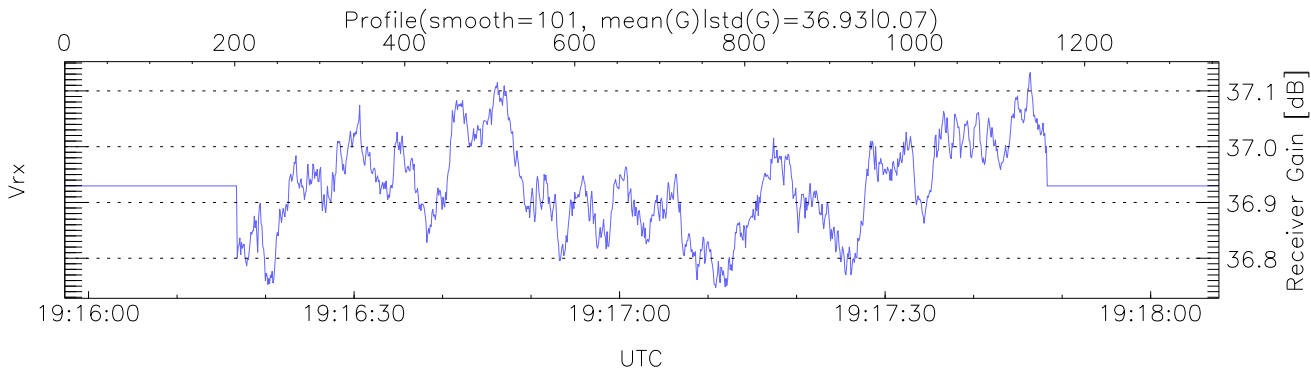
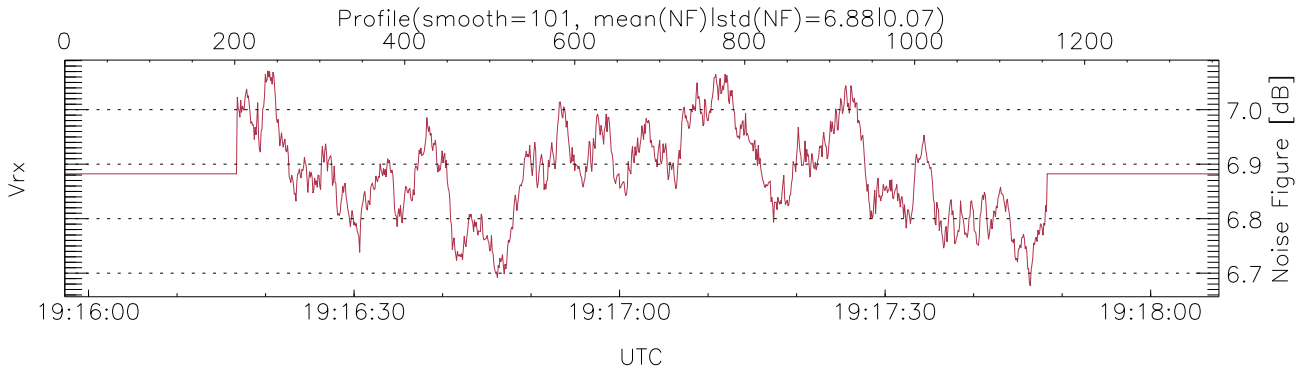
WCR3 FF3 Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 19:15:57-19:18:08, TimeCor: 0.00s, Dur: 130.40s
 TimeFlg: 1, TFPstatus constant.
 TimeInt/PPS(min,max,mn,std): 96.0,96.0,96.0,0.0 ms / 10.4,10.4,10.4
 NumRec(r/t): 1359/1359, 0-1358/19:15:57-19:18:08
 AcqTime: 96.0ms, Rate: 3.835MB/s, Averages (req.,actual): 10,10
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 V2 H2
 PRF: 20.0 20.0 20.0 KHz, IGS: 50us
 Range(min,max,rqs): 105, 6288, 15.0 m, Gates: 413, Aspect: 1.7
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 0
 FFTlen: 64, FFTwin: rectangular, # averagedFFT: 10, cr-polFFT: NO
 FFTres: 0.493,0.493,0.493 m/s, PulsePairCalc: YES



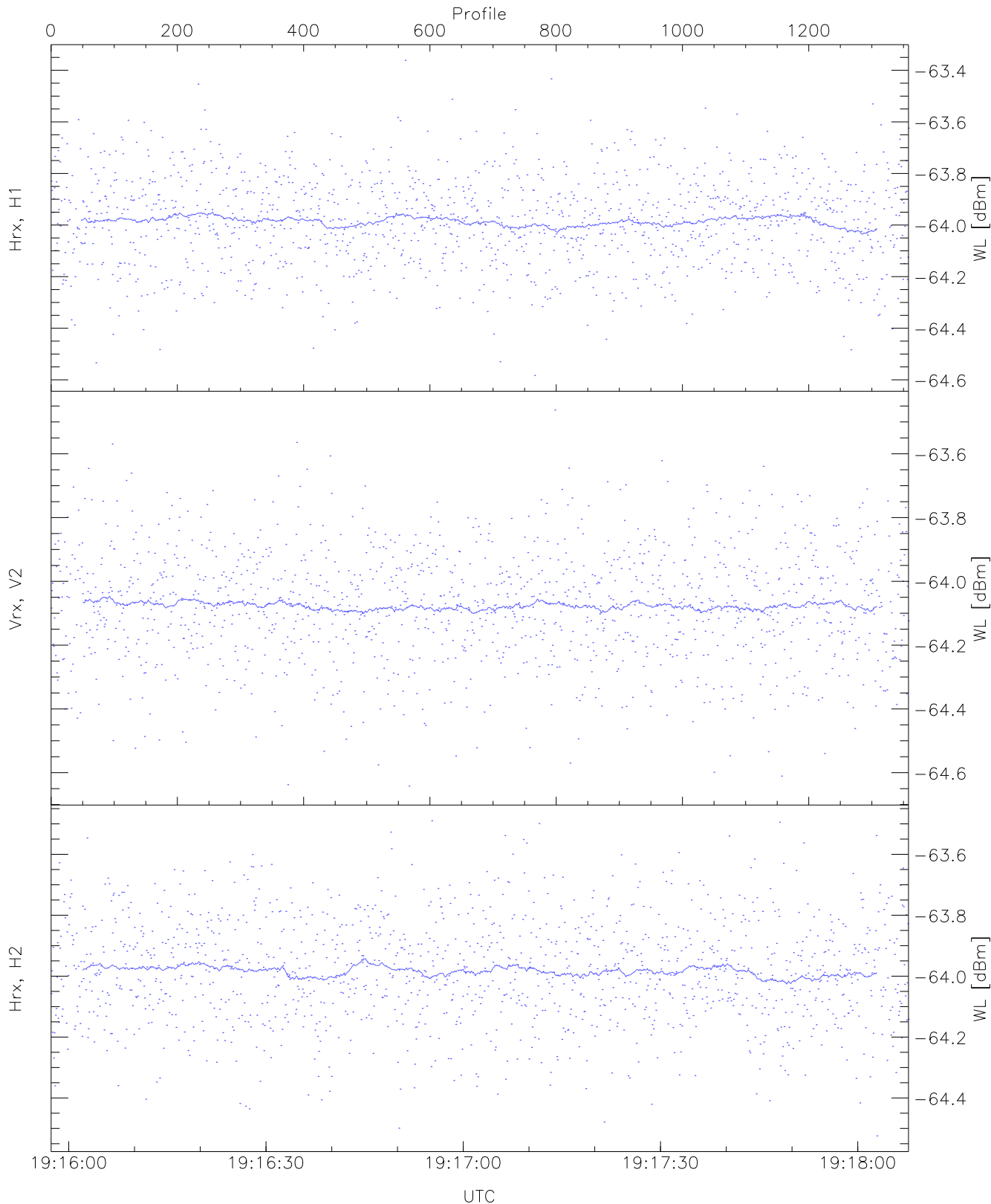
WCR3 FF3 Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,90,20,22,23,24
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,91,21,23,24,25
LOalarm(20,240,2817,14861 MHz): None
EIK/Modulator Faults: None



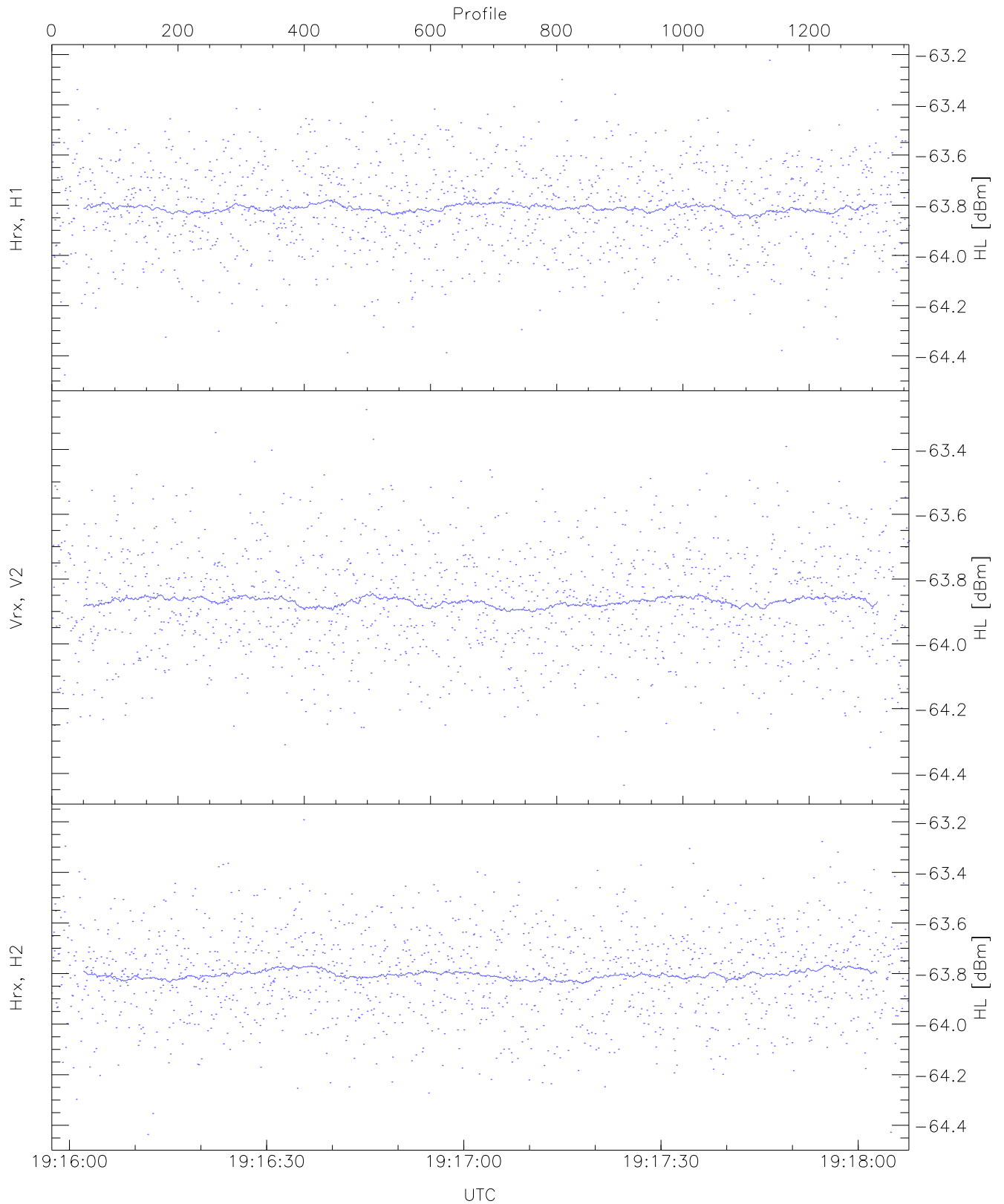
WCR3 FF3 Receivers Gain and Noise Figure

Rx Saturation: 0 pixs, 0 gates, 0 profs, 0 prod(s)



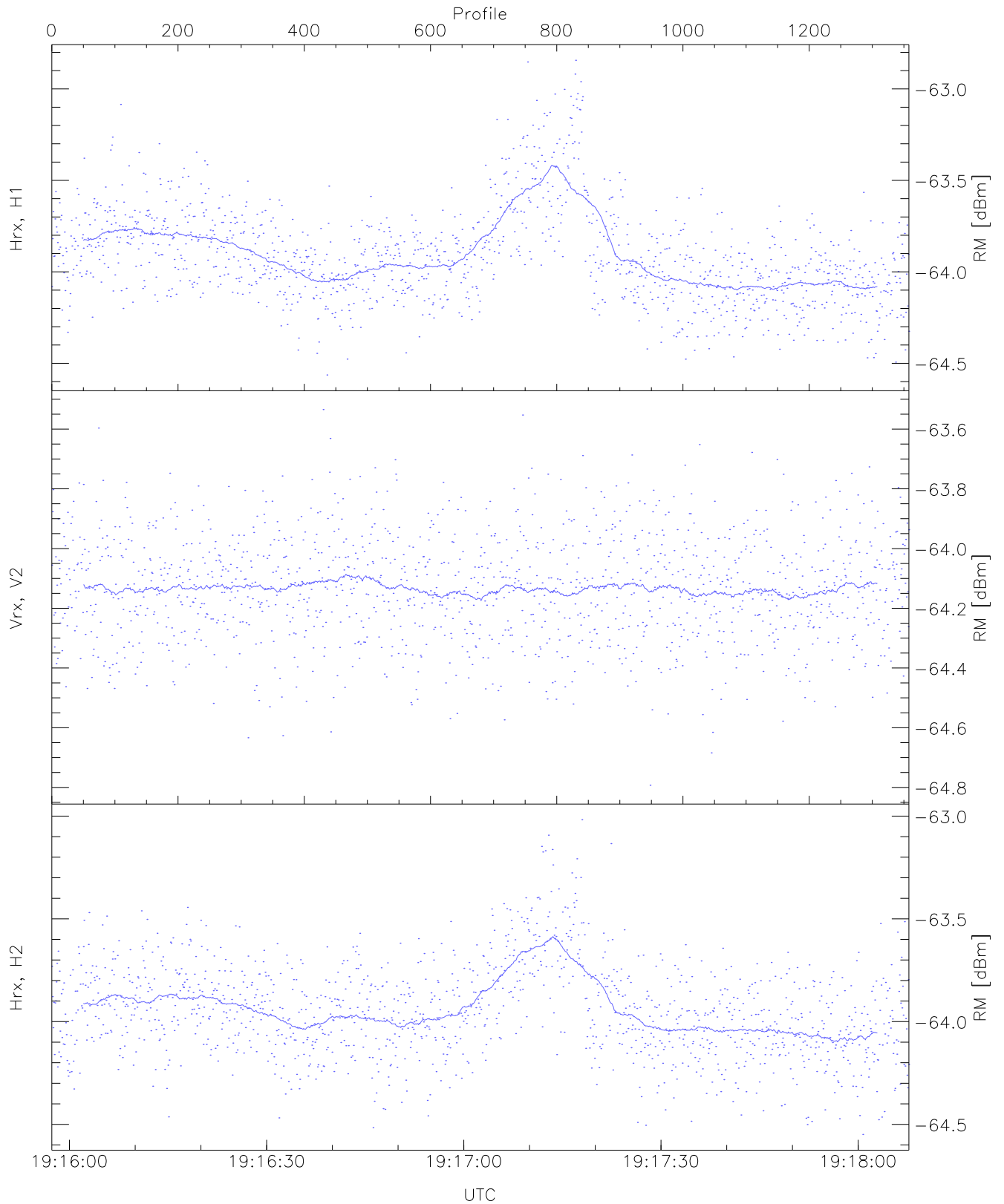
WCR3 FF3 Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-64.58	-63.36	-63.98	-63.98	-78.07
Vrx, V2 (WL [dBm])	-64.64	-63.46	-64.07	-64.07	-78.06
Hrx, H2 (WL [dBm])	-64.52	-63.49	-63.98	-63.99	-78.08



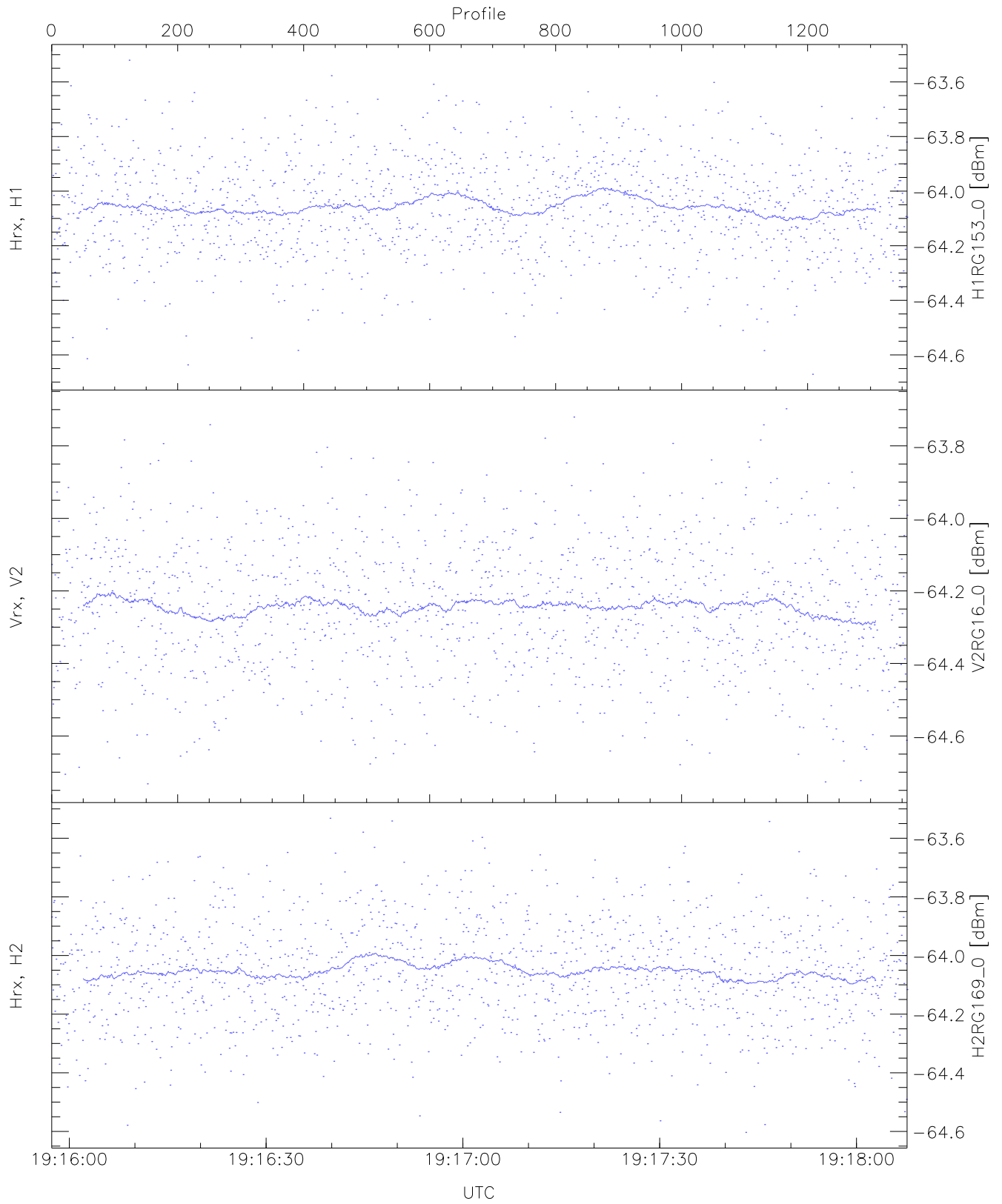
WCR3 FF3 Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-64.48	-63.22	-63.81	-63.81	-77.74
Vrx, V2 (HL [dBm])	-64.44	-63.28	-63.87	-63.87	-78.01
Hrx, H2 (HL [dBm])	-64.44	-63.19	-63.80	-63.80	-77.75



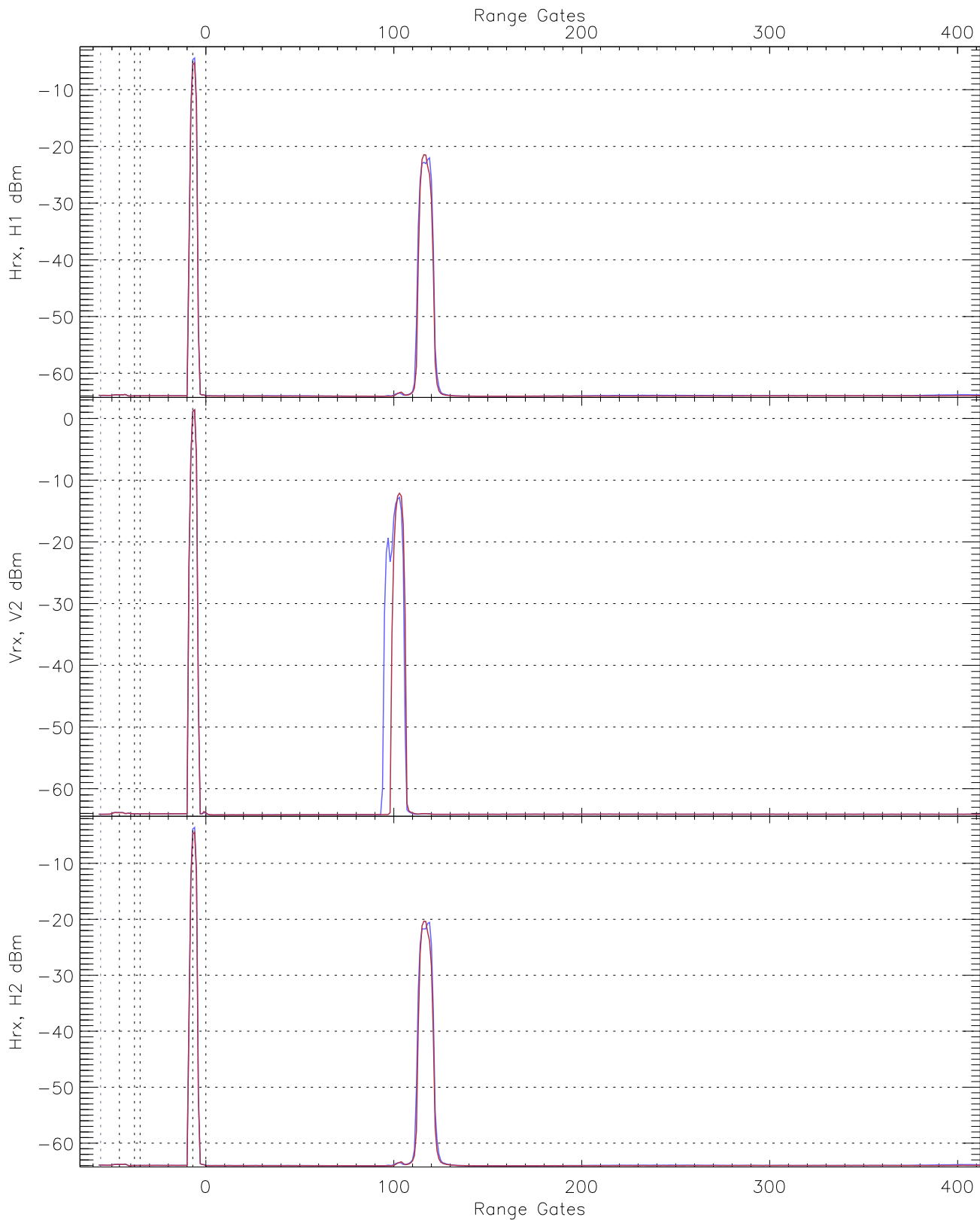
WCR3 FF3 Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.56	-62.84	-63.90	-63.94	-76.01
Vrx, V2 (RM [dBm])	-64.79	-63.53	-64.13	-64.13	-78.03
Hrx, H2 (RM [dBm])	-64.55	-63.02	-63.94	-63.96	-76.74

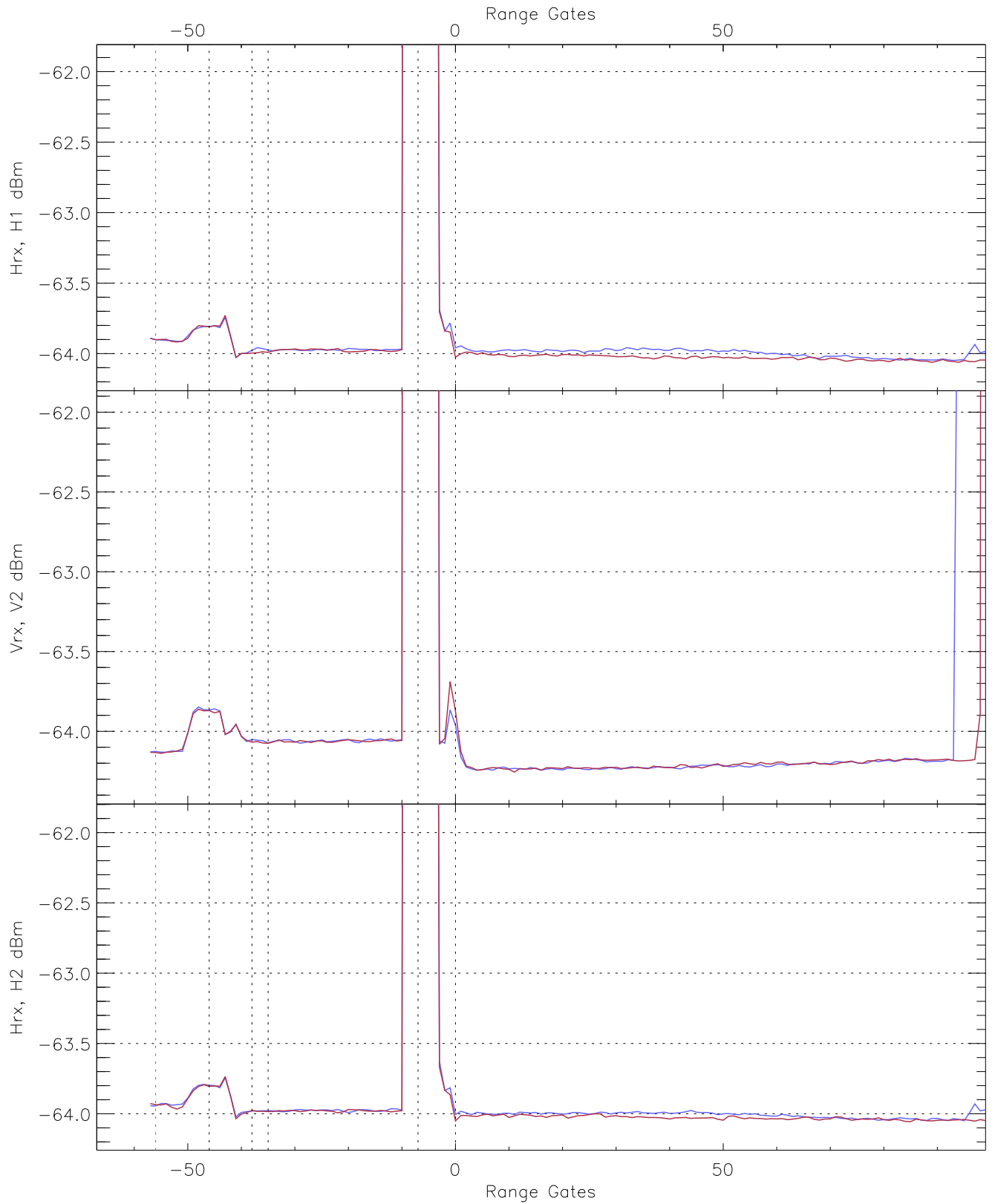


WCR3 FF3 "Best" estimate Receivers Noise Power

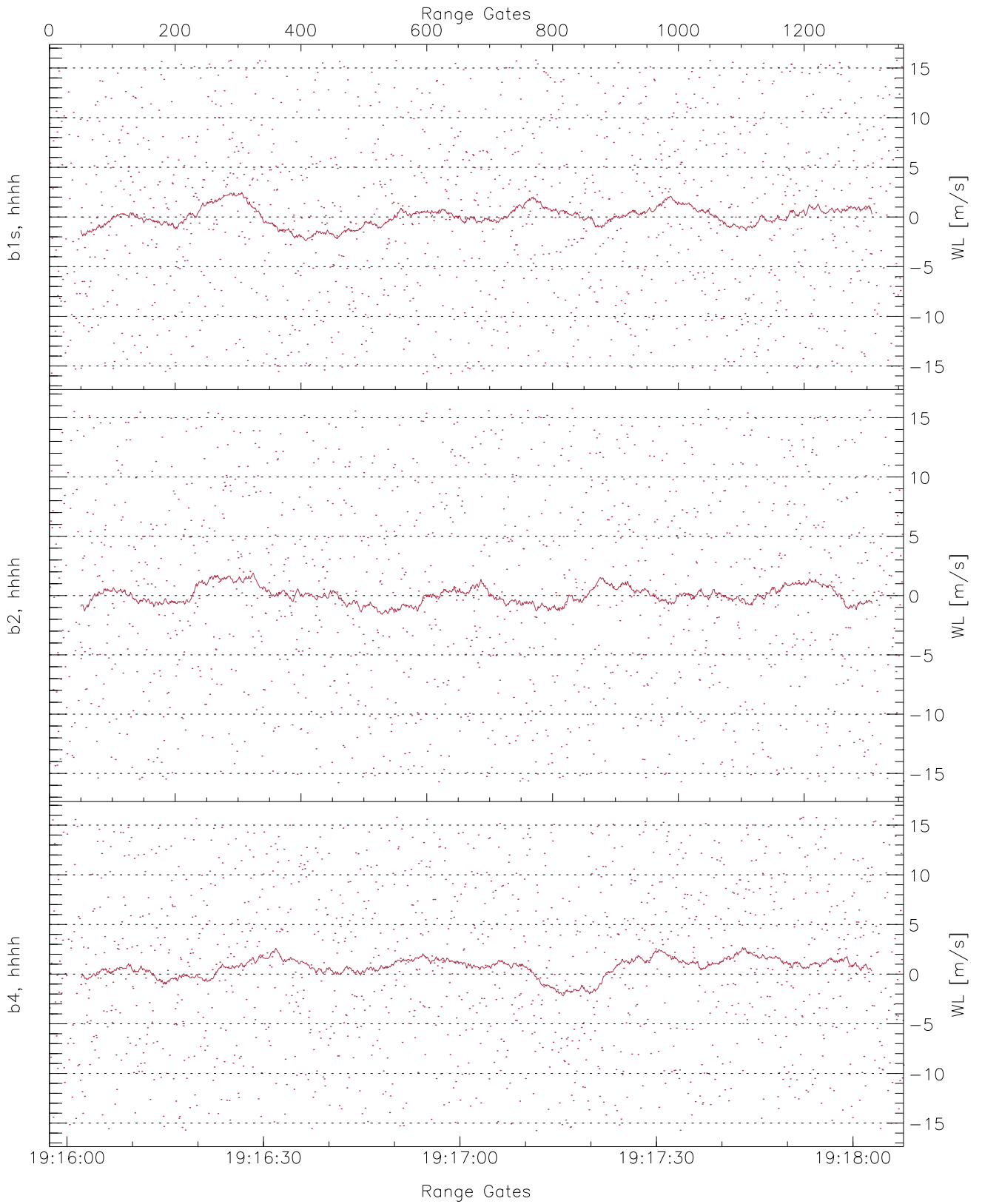
	Min	Max	Mean	Median	StDev
H1RG153_0 [dBm]	-64.67	-63.52	-64.06	-64.06	-78.09
V2RG16_0 [dBm]	-64.73	-63.70	-64.24	-64.24	-78.19
H2RG169_0 [dBm]	-64.60	-63.53	-64.05	-64.06	-78.16



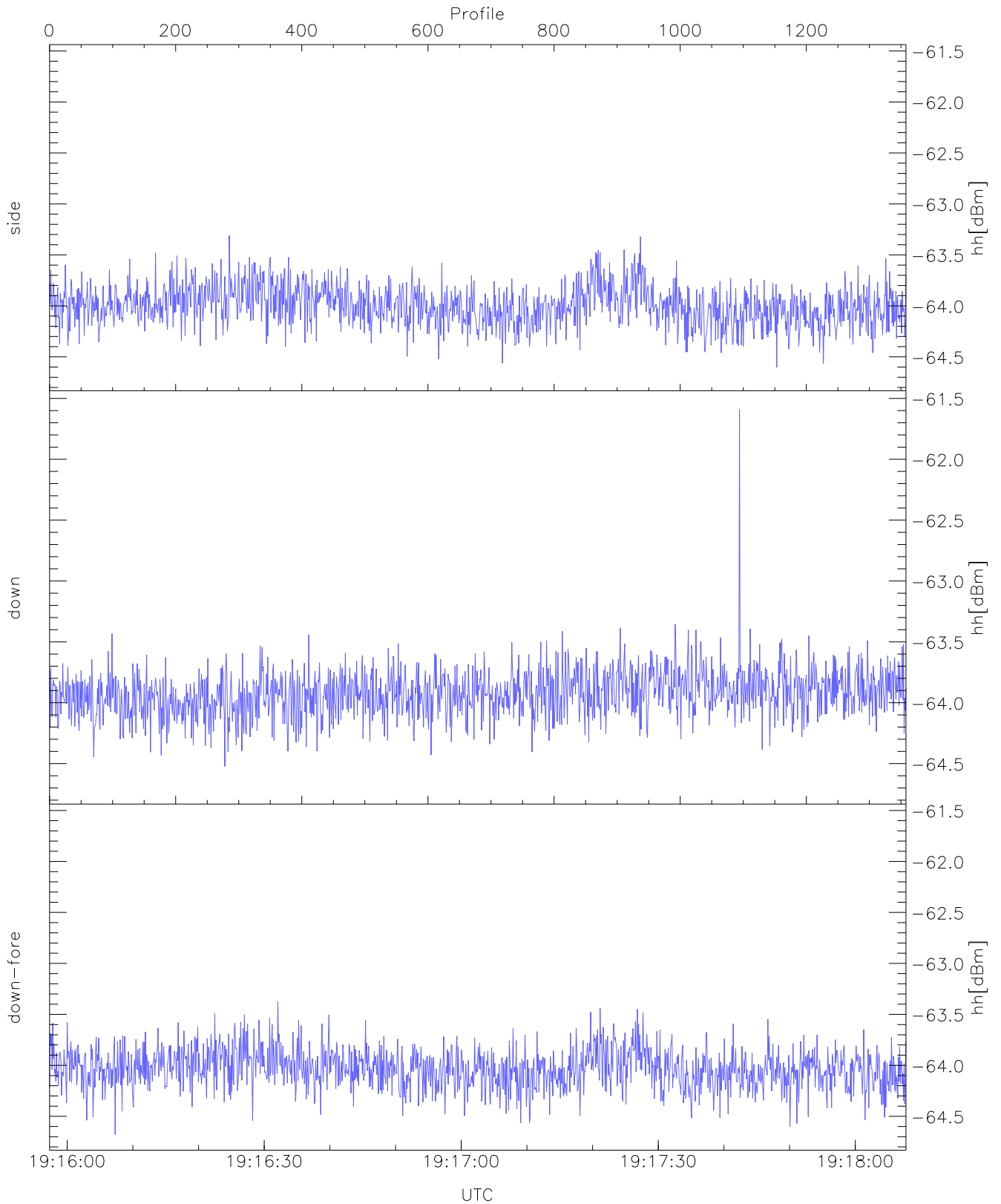
WCR3 FF3 Averaged Received power for all recorded gates
blue: 191557-191703, 680 profiles averaged
red: 191703-191808, 680 profiles averaged



WCR3 FF3 Averaged Received power for the negative gates and up to 100 gate
blue: 191557-191703, 680 profiles averaged
red: 191703-191808, 680 profiles averaged

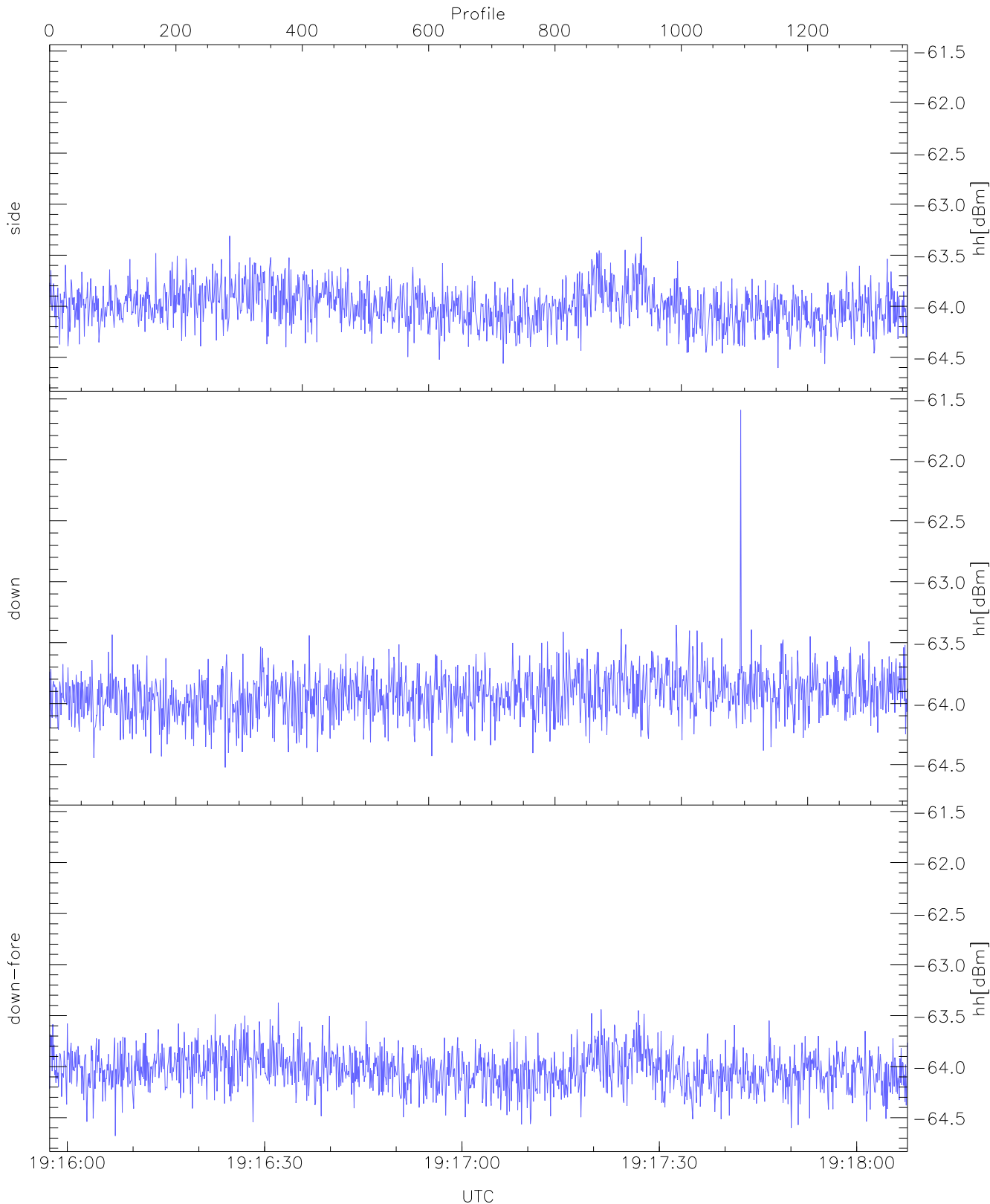


WCR3 FF3 Receivers Phase Noise (in m/s) from the Warm Loads Measurements



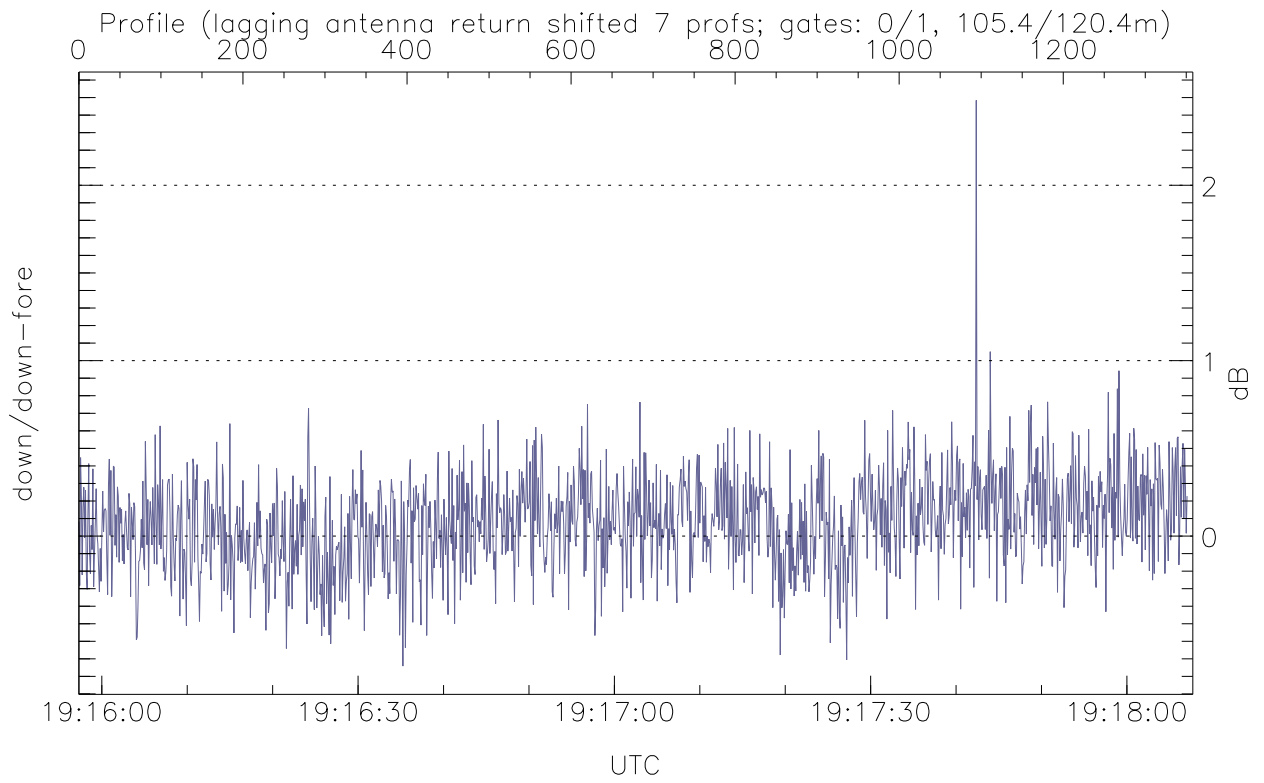
WCR3 FF3 Received Power Products for Range gate 0 (105.4 m)

	Min	Max	Mean
side(hh[dBm])	-64.60	-63.31	-63.99
down(hh[dBm])	-64.52	-61.59	-63.92
down-fore(hh[dBm])	-64.68	-63.38	-64.03



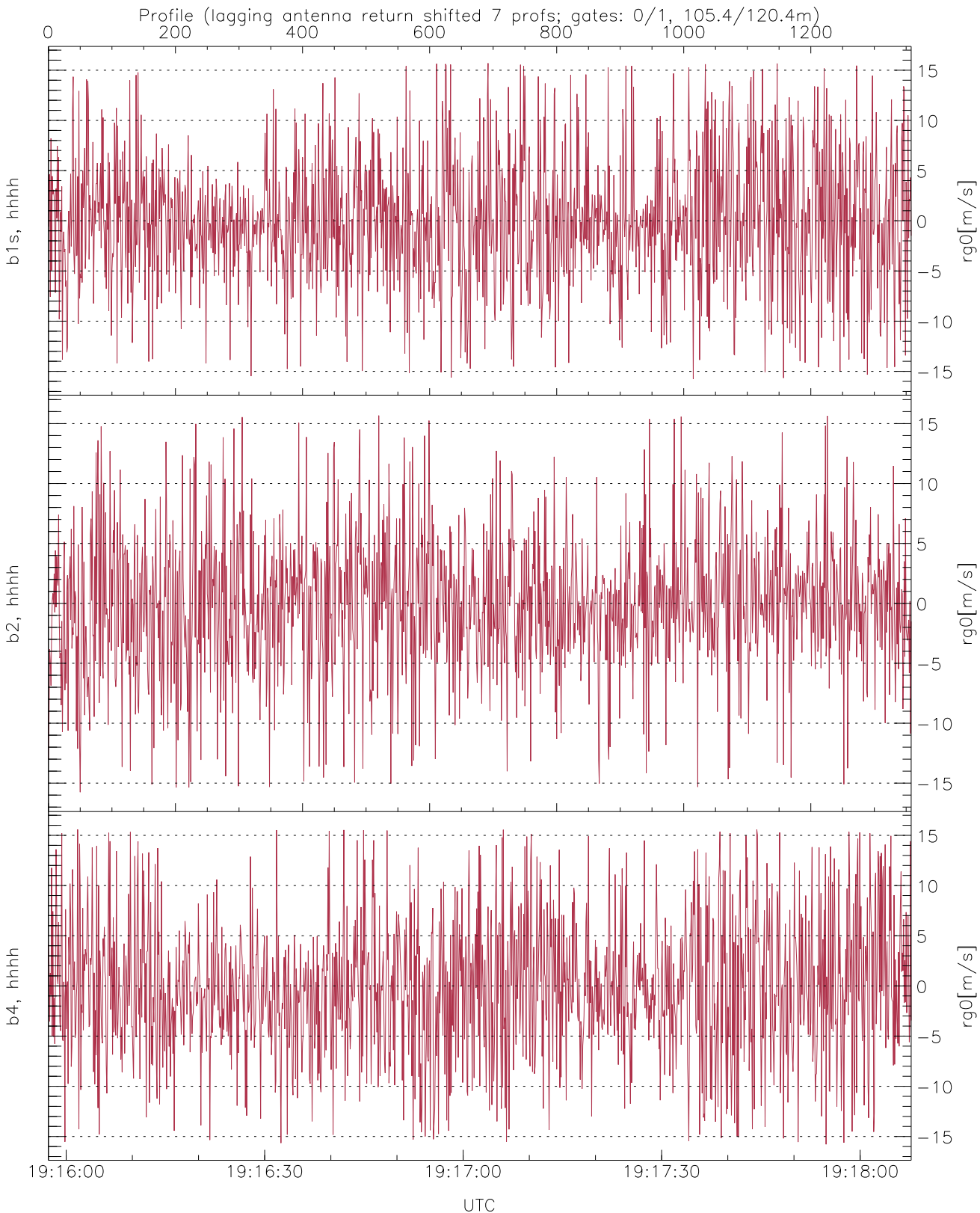
WCR3 FF3 Power Products(psdmom0) for Range gate 0 (105.4 m)

	Min	Max	Mean
side(hh[dBm])	-64.60	-63.31	-63.99
down(hh[dBm])	-64.52	-61.59	-63.92
down-fore(hh[dBm])	-64.68	-63.38	-64.03



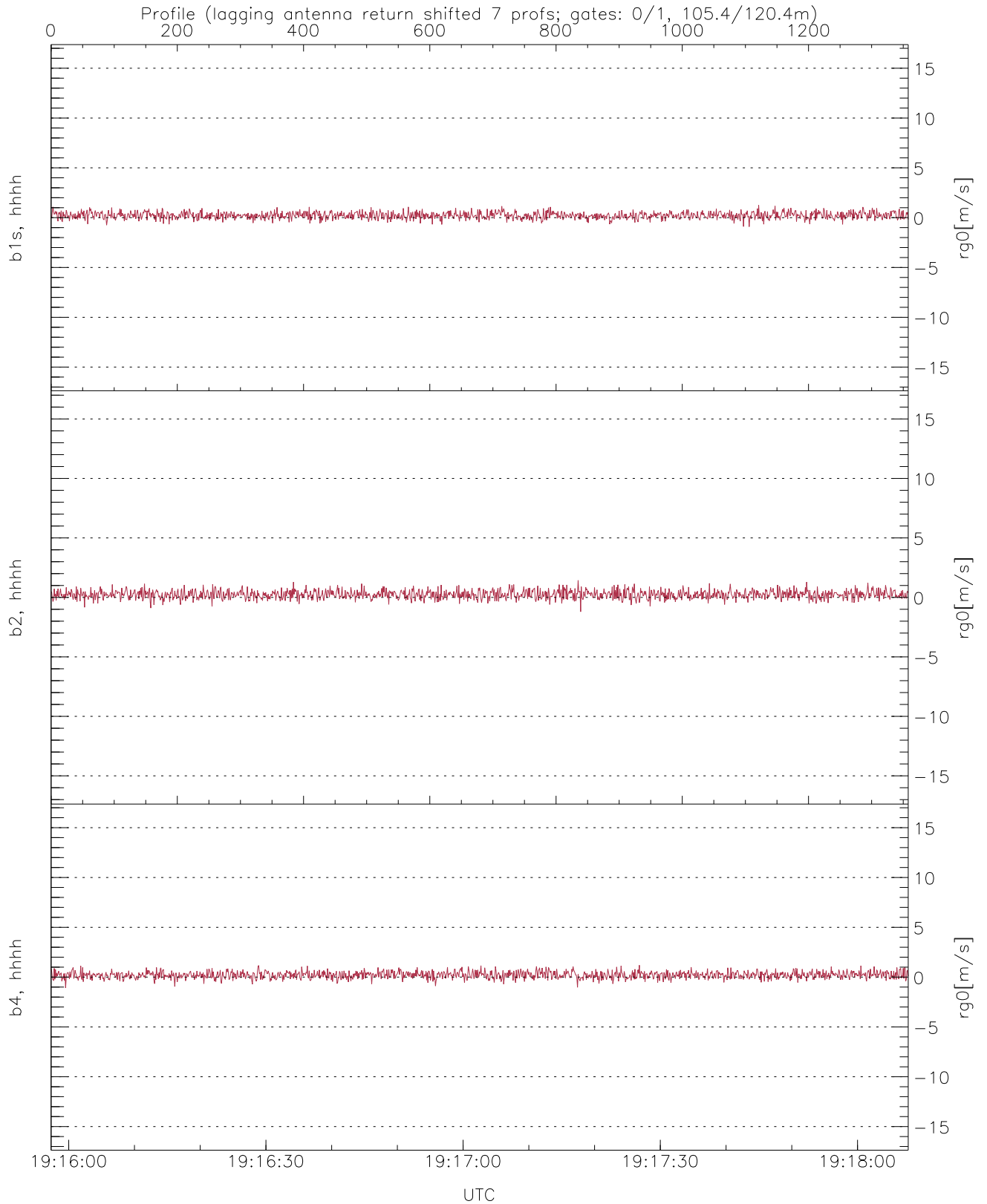
WCR3 Beam pairs Received Power Ratio(s); RangeGate: 0 (105 m)

	Min	Max	Mean
down/down-fore(dB)	-0.74	2.48	0.08



WCR3 FF3 Doppler Velocity Products at 105.4 m range

	Min	Max	Mean	StDev
b1s, hhhh(rg0[m/s])	-15.75	15.70	0.01	6.37
b2, hhhh(rg0[m/s])	-15.75	15.67	-0.10	5.62
b4, hhhh(rg0[m/s])	-15.78	15.58	-0.17	6.75



WCR3 FF3 Doppler Velocity Products (psdmom1) at 105.4 m range

	Min	Max	Mean	StDev
b1s, hhhh(rg0[m/s])	-0.91	1.25	0.22	0.34
b2, hhhh(rg0[m/s])	-1.21	1.43	0.24	0.36
b4, hhhh(rg0[m/s])	-1.09	1.19	0.22	0.35