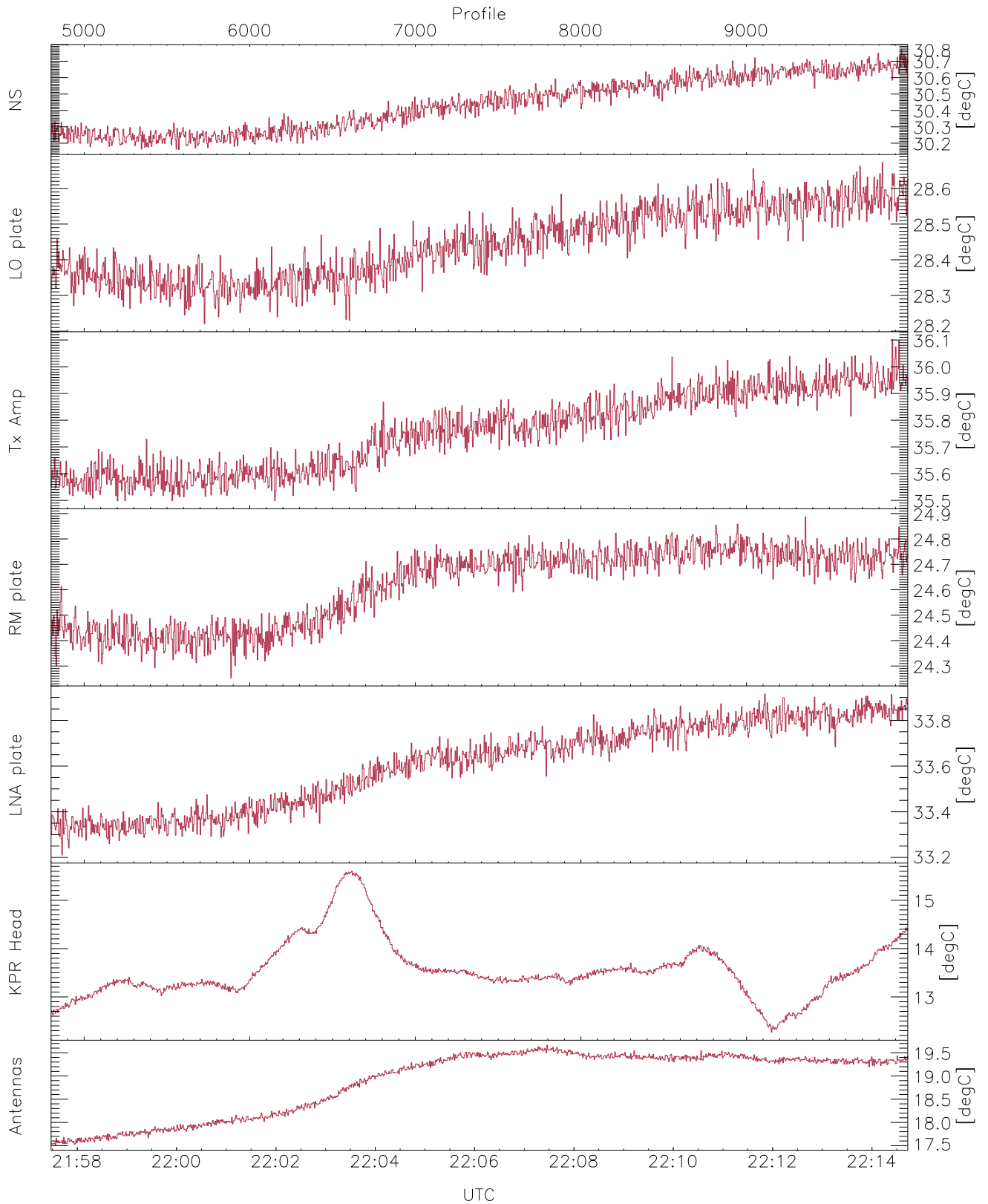


KPR SPP; Ant(s): UP; Radiometer: OFF
 UTC: 21:41:28-22:14:43, TimeCor: 0.00s, Dur: 1034.93s
 TimeInt(min,max,mn,std): 191.9,208.2,200.0,0.2 ms; PPS: 5.0
 NumRec(r/t): 5175/9975, 4800-9974/21:57:28-22:14:43
 AcqTime(req,actual): 200.0,200.0 ms, Data Rate: 50.0 KB/s
 Pulse: 494 ns, Chirp: 4.94 us, DRxIF: 2.5 MHz
 PRF: 19.0 KHz, avrgPulses: 3810, avrgPP: 3809
 NyquistVel: 40.1 m/s, RangeRes:60.0 m
 Pulse Range(min,max): 166, 6492 m, Gates: 212
 Chirp Range(min,max): 1016, 6472 m, Gates: 183
 RangeGateSampling: 30.0 m, Aspect: 1.7

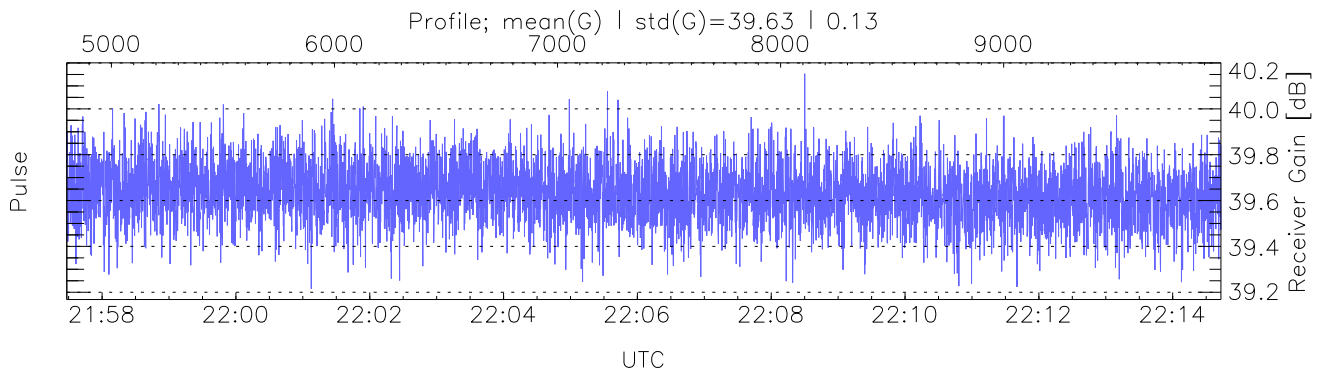
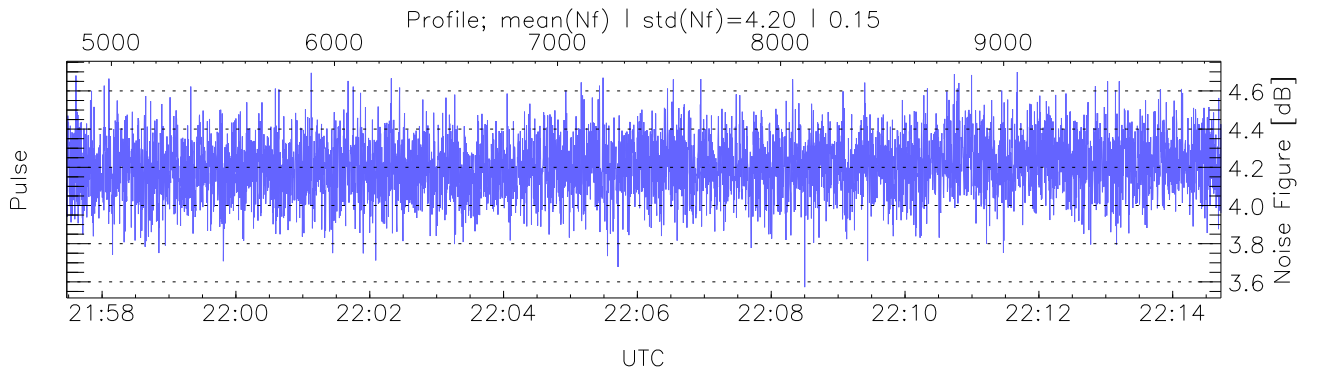
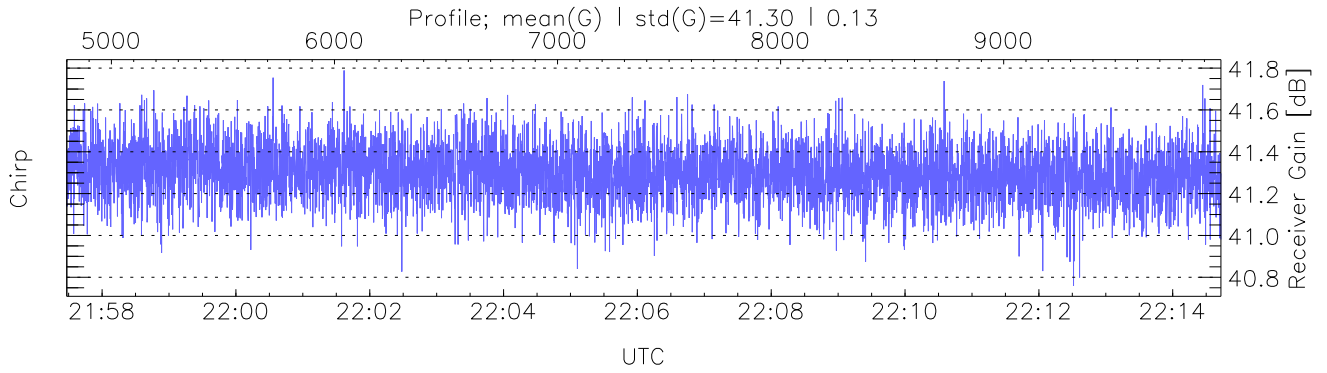
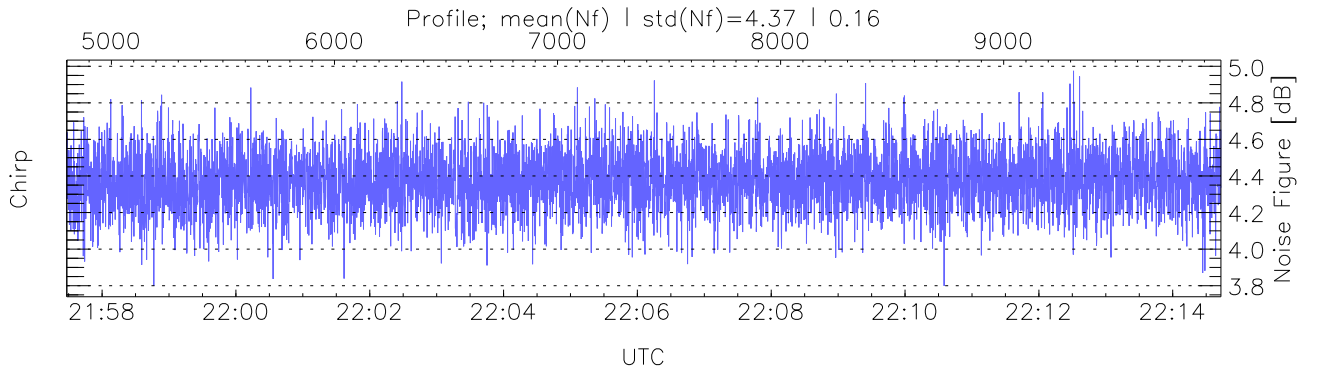


KPR SPP Temperatures, Power Supplies, PLO lock:

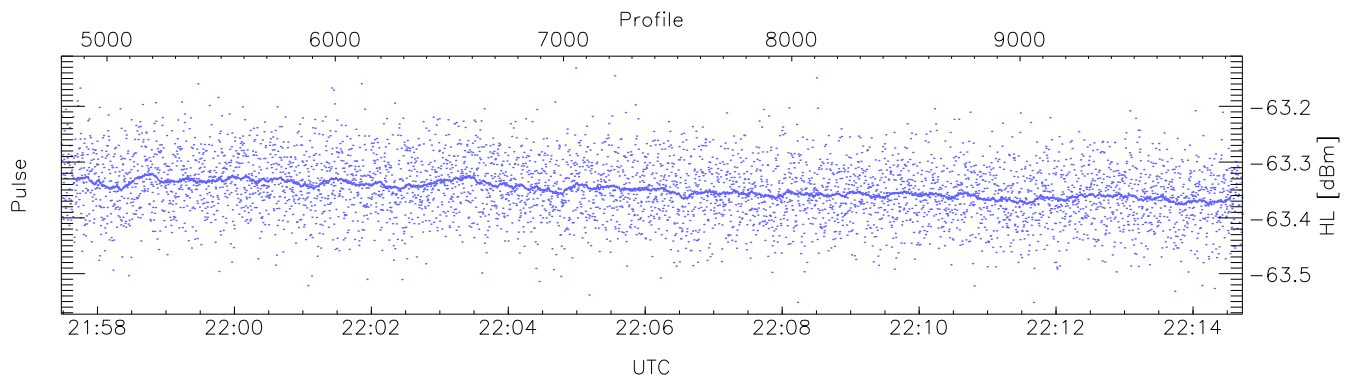
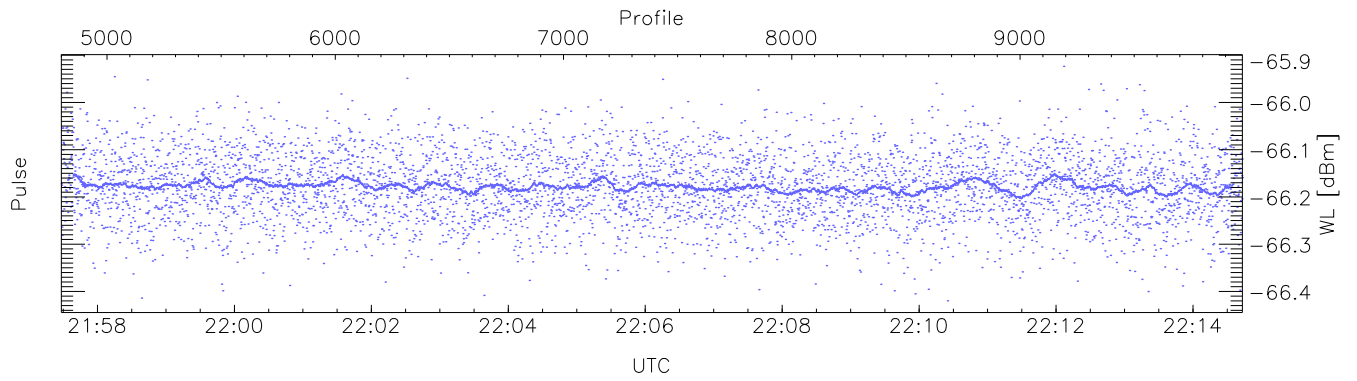
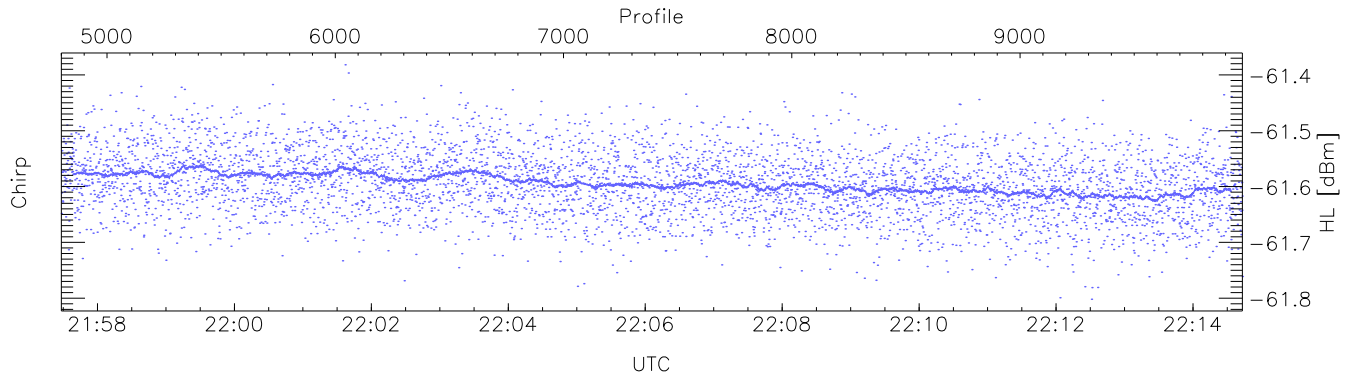
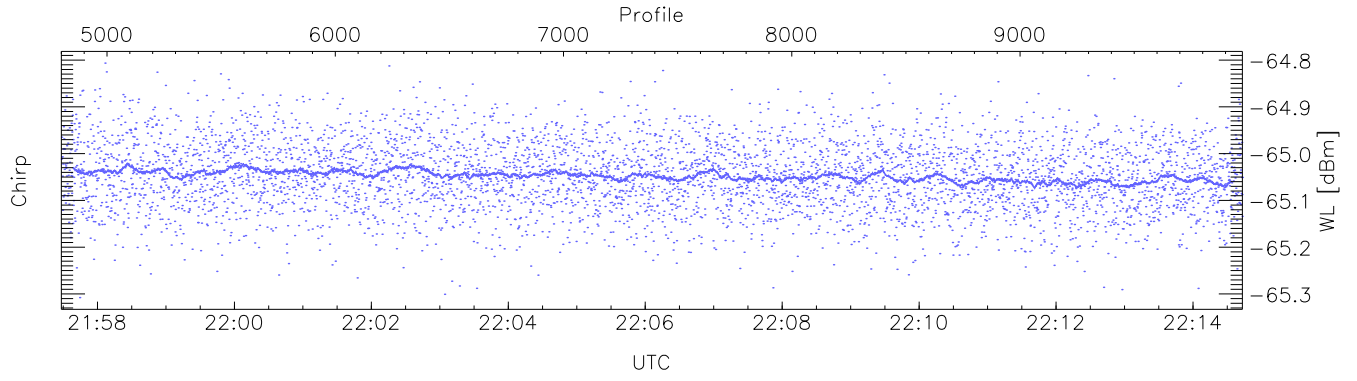
temperature:	NS,	LO,	Tx,	RM,	LNA,	Head,	Ant
mintempC:	30.2,	28.2,	35.5,	24.3,	33.2,	12.3,	17.5
maxtempC:	30.8,	28.7,	36.1,	24.9,	33.9,	15.6,	19.7
meantempC:	30.4,	28.4,	35.8,	24.6,	33.6,	13.6,	18.9

PwrSply:	28,	12,	8,	5 VDC
minVDC:	26.08,	11.67,	7.87,	5.22
maxVDC:	27.69,	11.72,	7.89,	5.23
meanVDC:	27.03,	11.69,	7.88,	5.23

PLO(3.84,15.84 GHz) unlocked: None

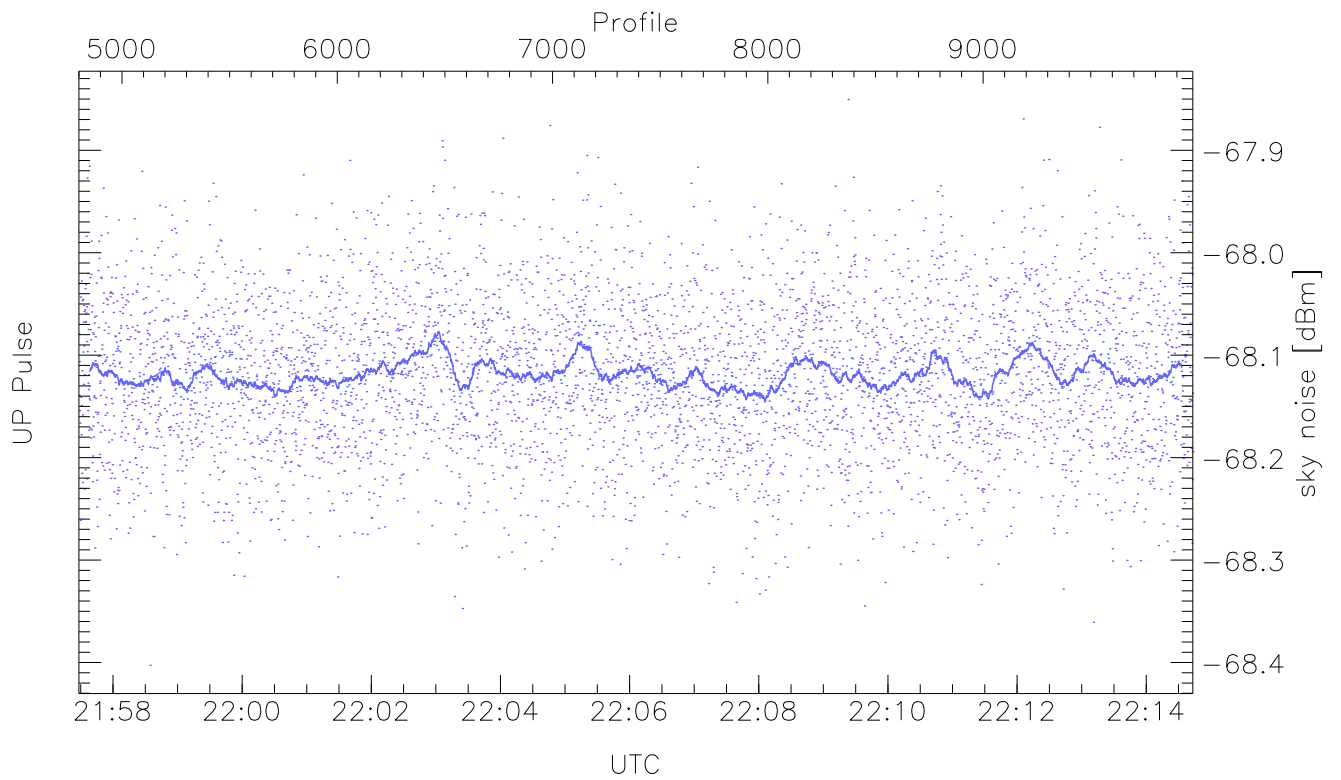
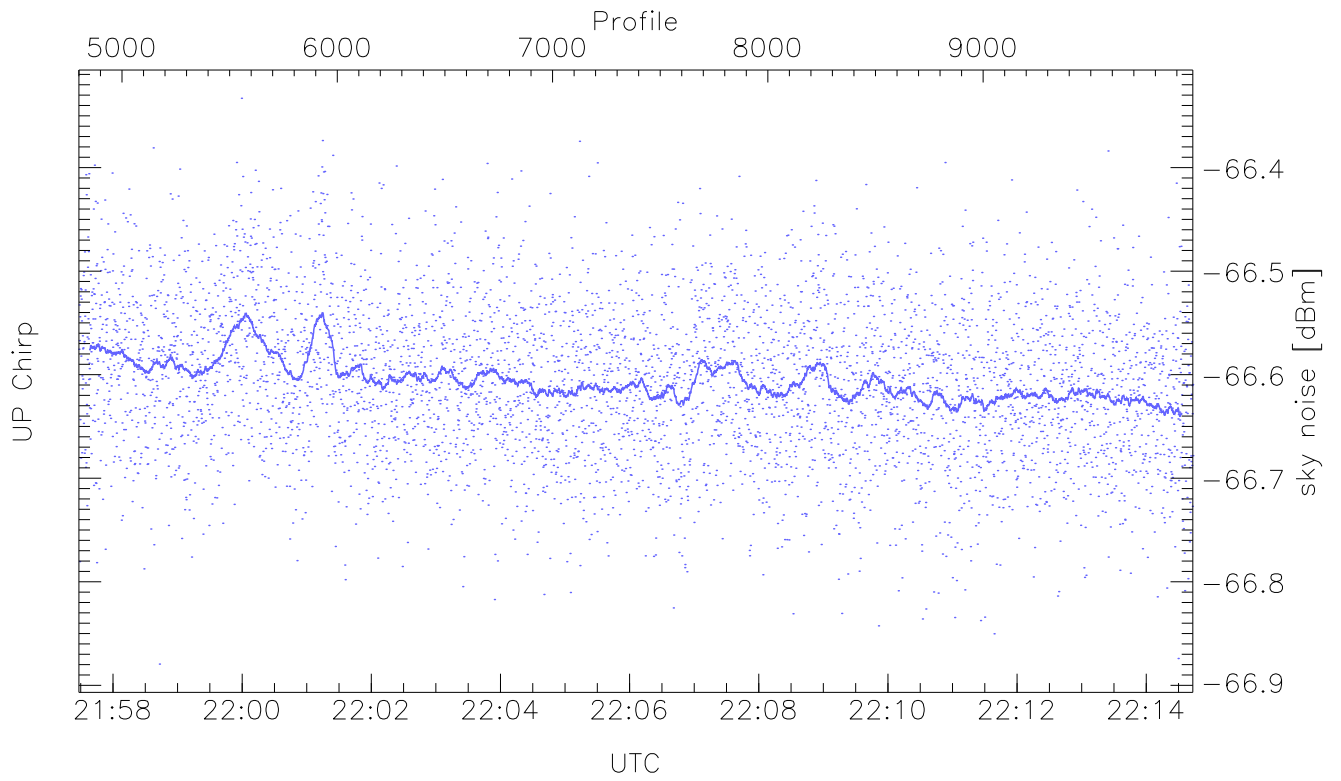


KPR SPP Receiver Gain and Noise Figure



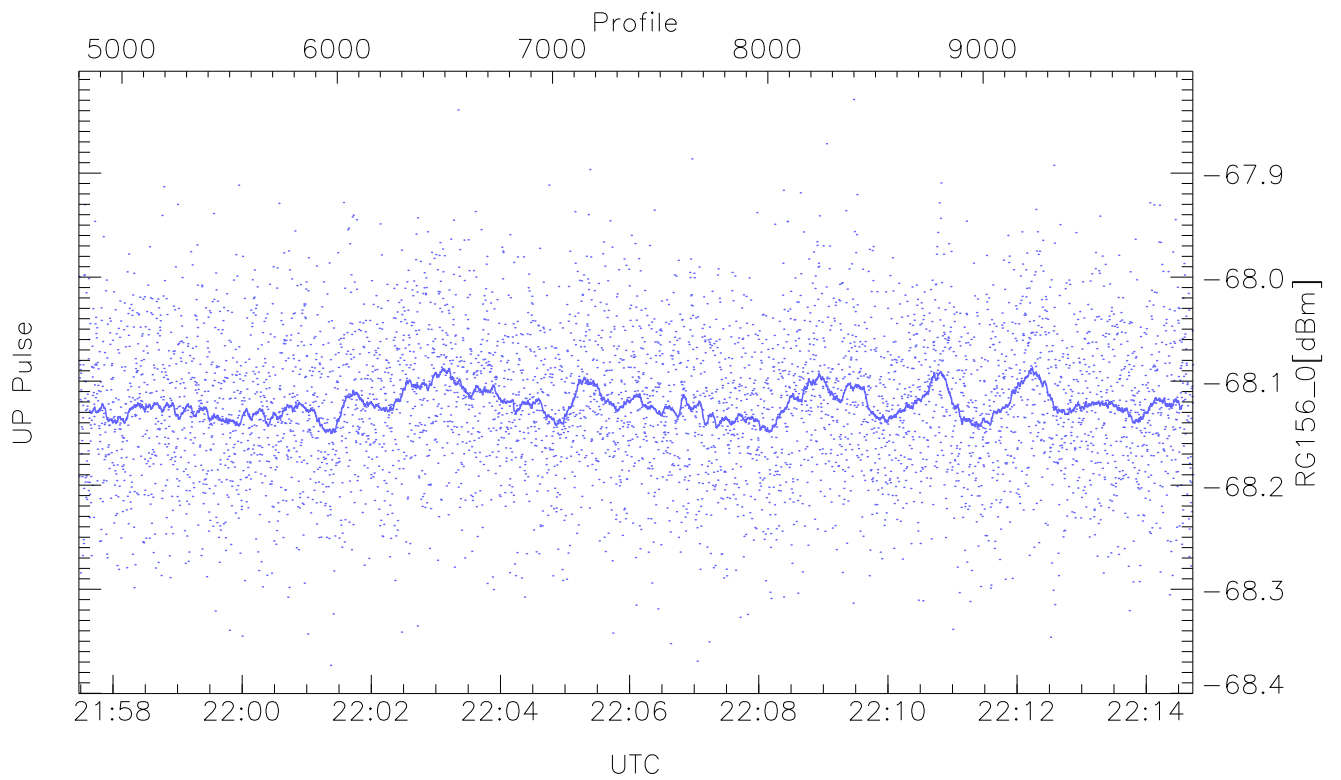
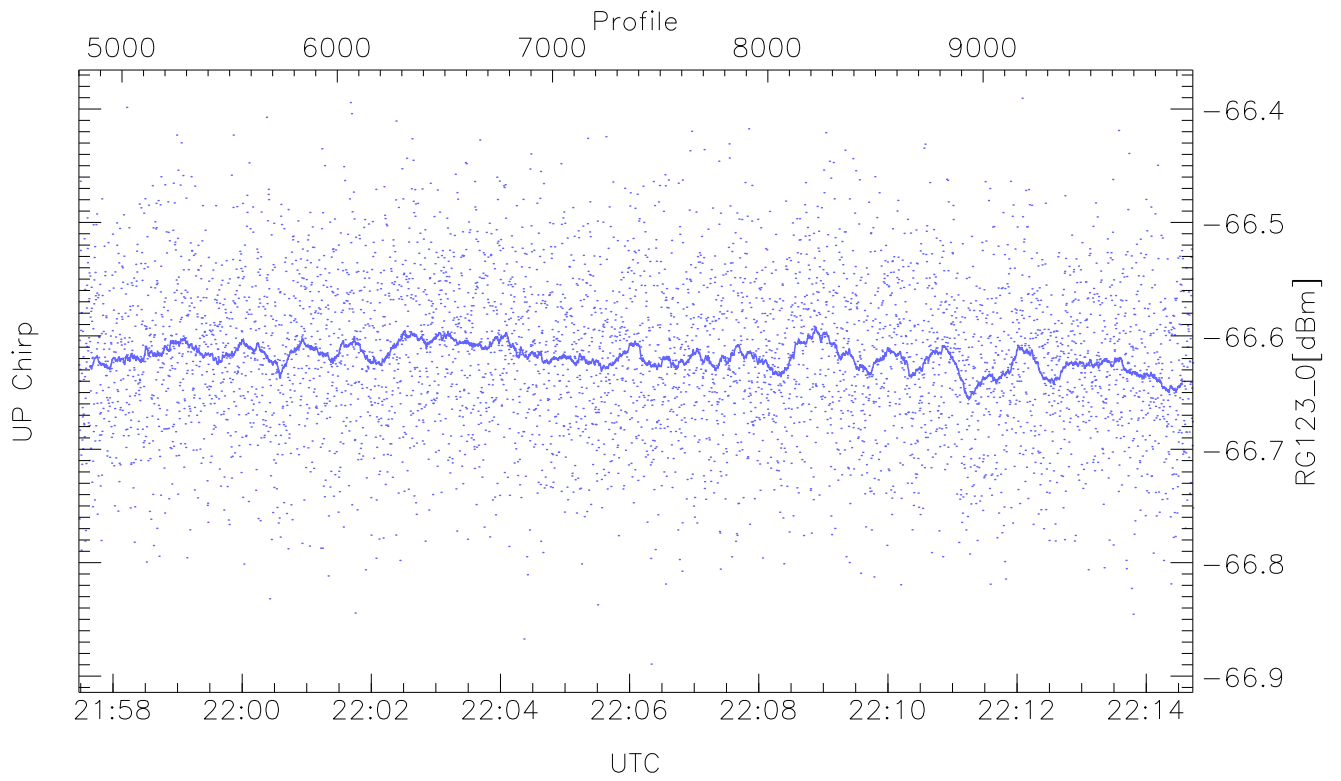
KPR SPP Receiver Noise Source Warm and Hot Measurements

	Min	Max	Mean	Median	StDev
Chirp(WL [dBm])	-65.31	-64.81	-65.05	-65.05	-82.87
Chirp(HL [dBm])	-61.80	-61.38	-61.59	-61.59	-80.42
Pulse(WL [dBm])	-66.42	-65.92	-66.18	-66.18	-84.07
Pulse(HL [dBm])	-63.55	-63.13	-63.35	-63.35	-82.30



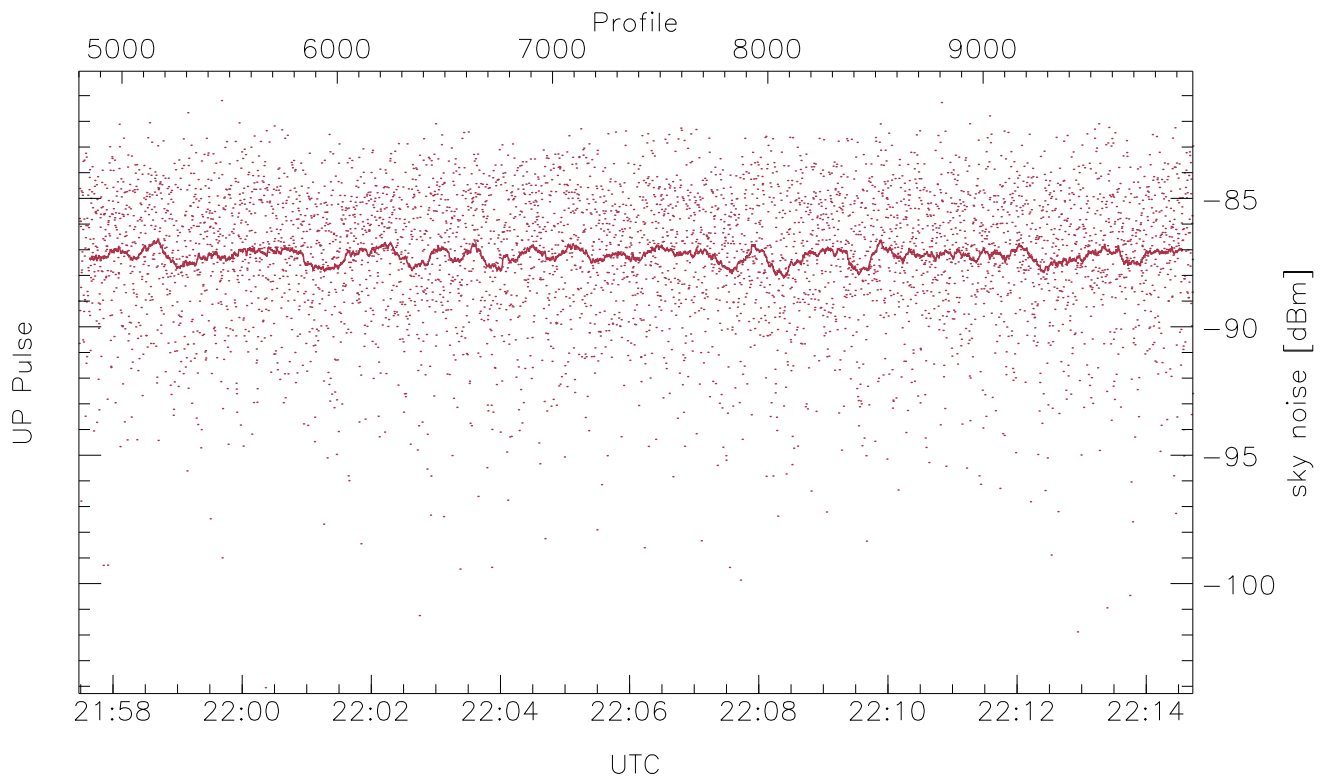
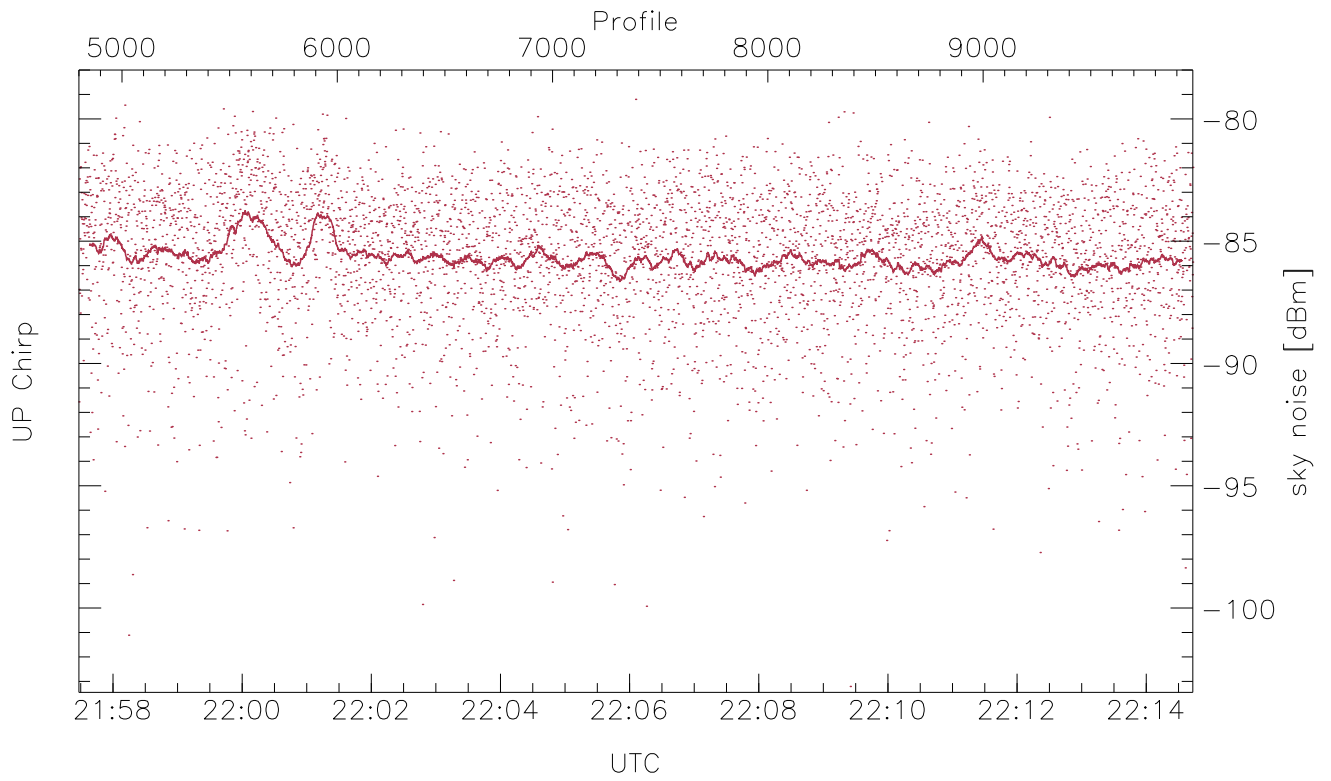
KPR SPP Last range gate power measurements: assumed RM(sky) noise

	Min	Max	Mean	Median	StDev
UP Chirp(dBm)	-66.88	-66.33	-66.61	-66.60	-84.27
UP Pulse(dBm)	-68.40	-67.85	-68.12	-68.12	-85.93



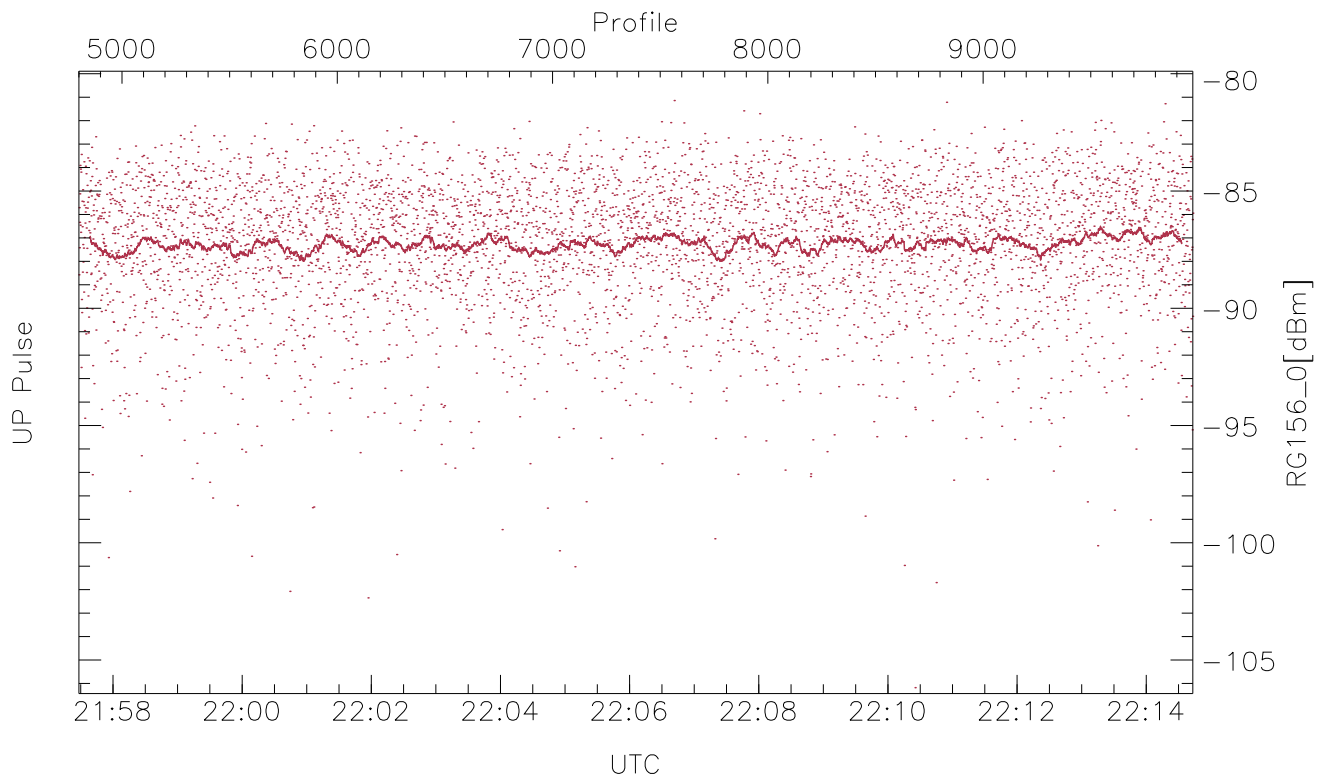
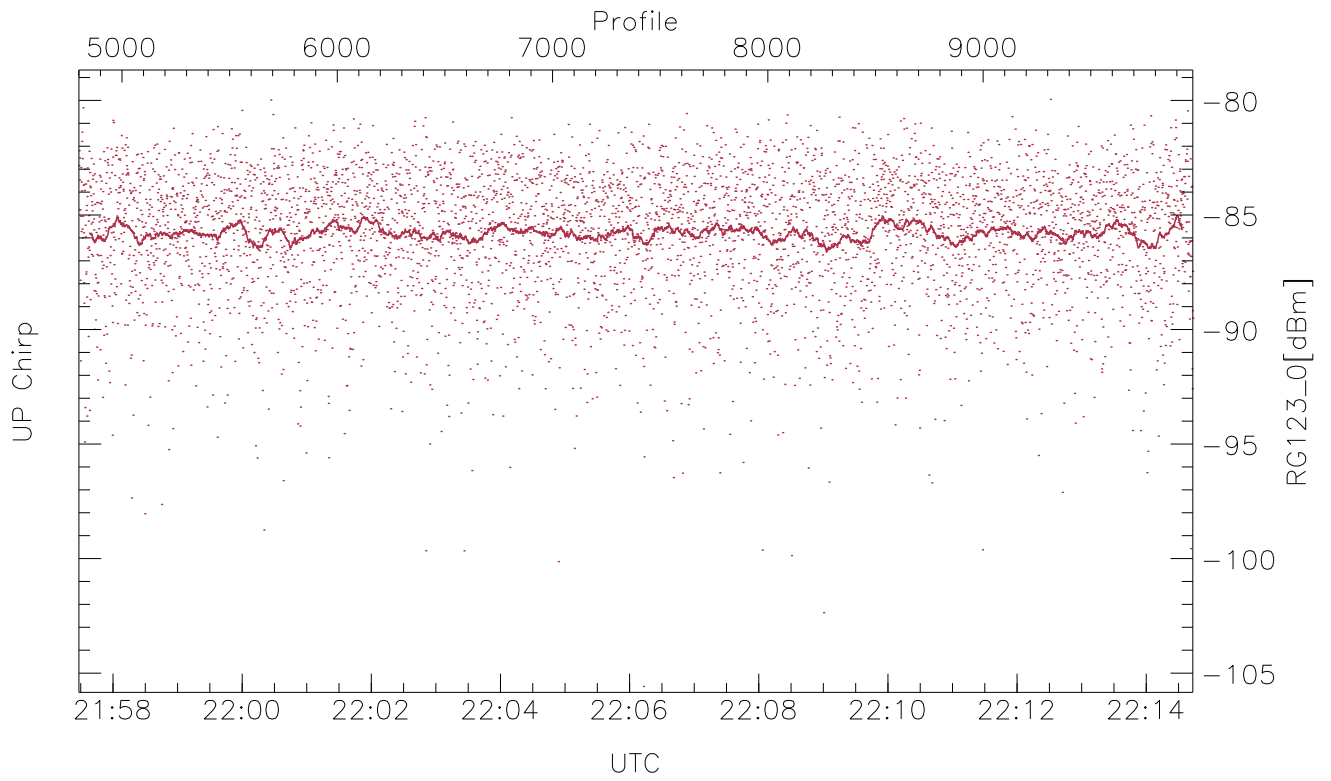
KPR SPP "Best" noise power measurements (dBm):

	Min	Max	Mean	Median	StDev
UP_C_RG123_0	-66.89	-66.39	-66.62	-66.62	-84.50
UP_P_RG156_0	-68.37	-67.83	-68.12	-68.12	-85.94



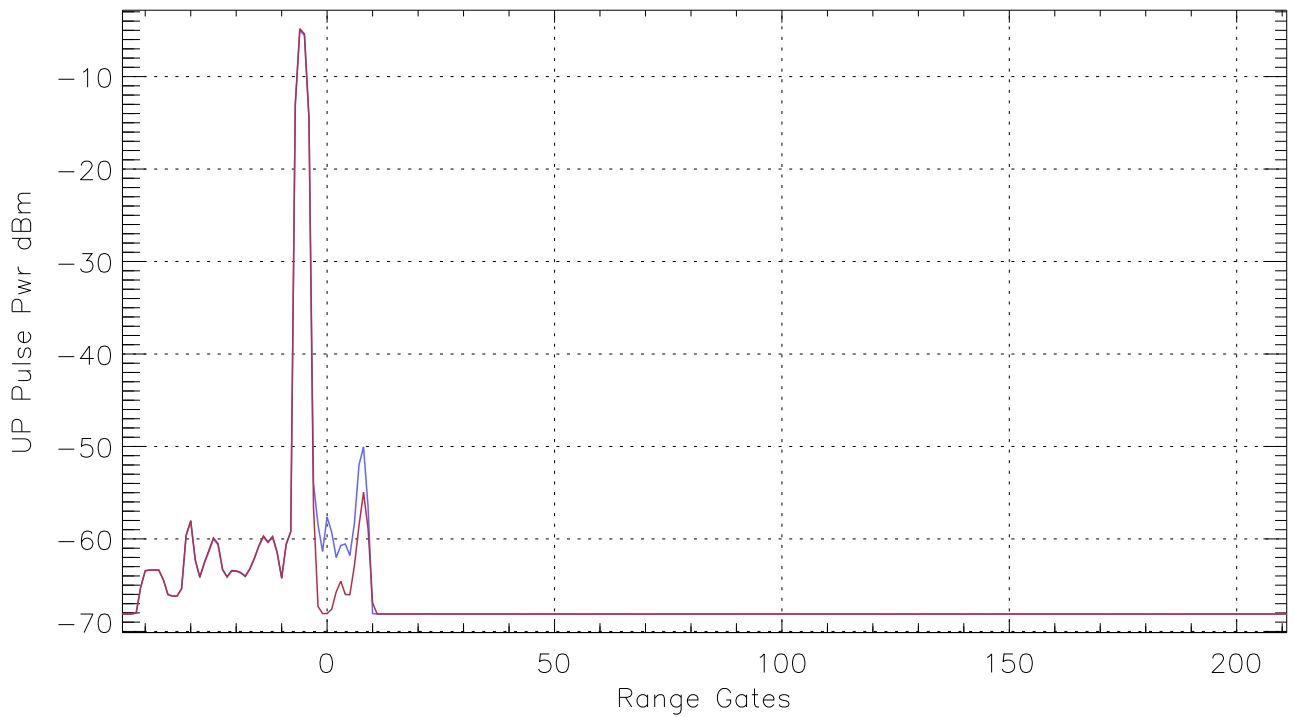
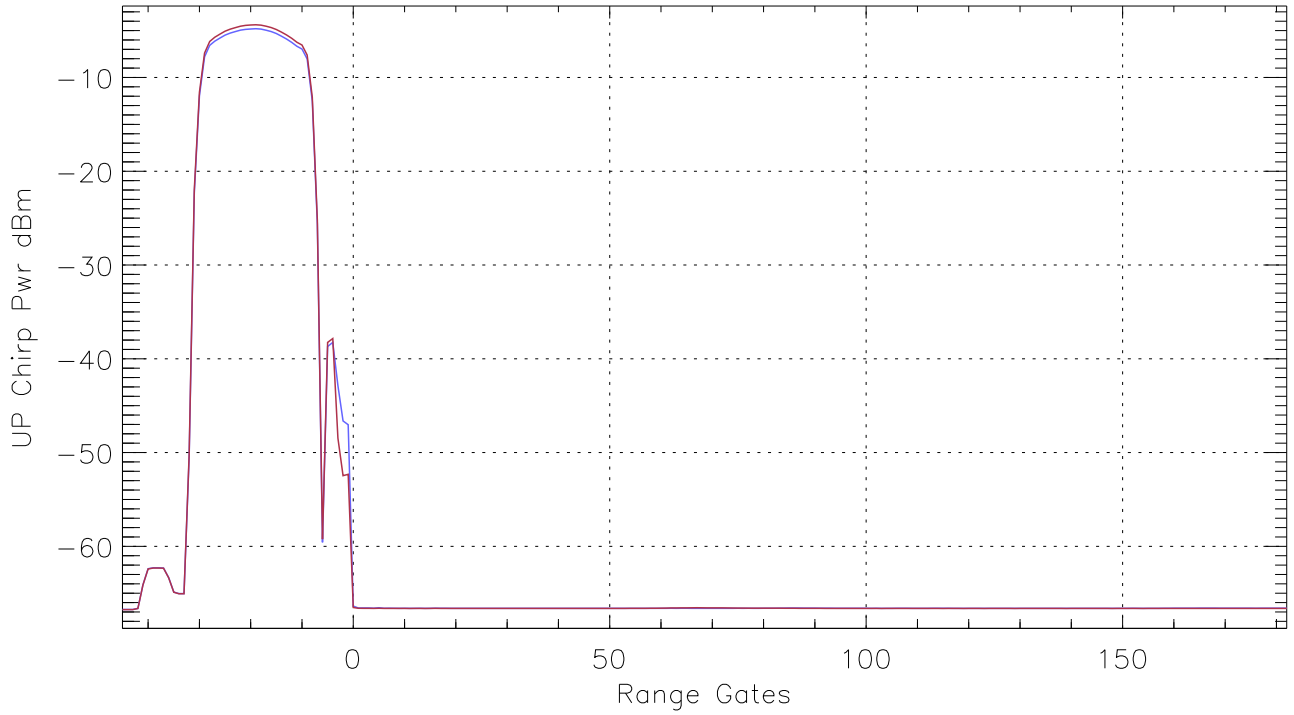
KPR SPP Last range gate PPMAG: assumed RM(sky) noise

	Min	Max	Mean	Median	StDev
UP Chirp(dBm)	-103.21	-79.20	-84.88	-85.20	-87.50
UP Pulse(dBm)	-104.05	-81.19	-86.52	-86.84	-89.32

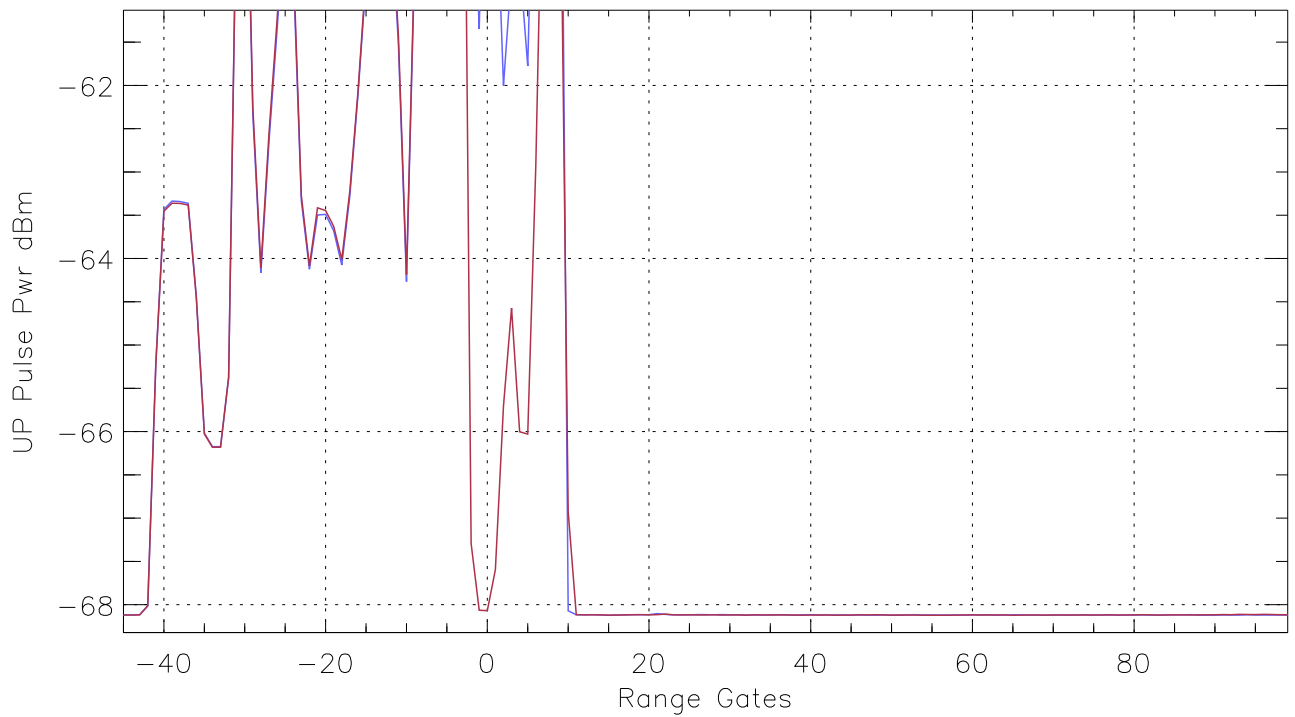
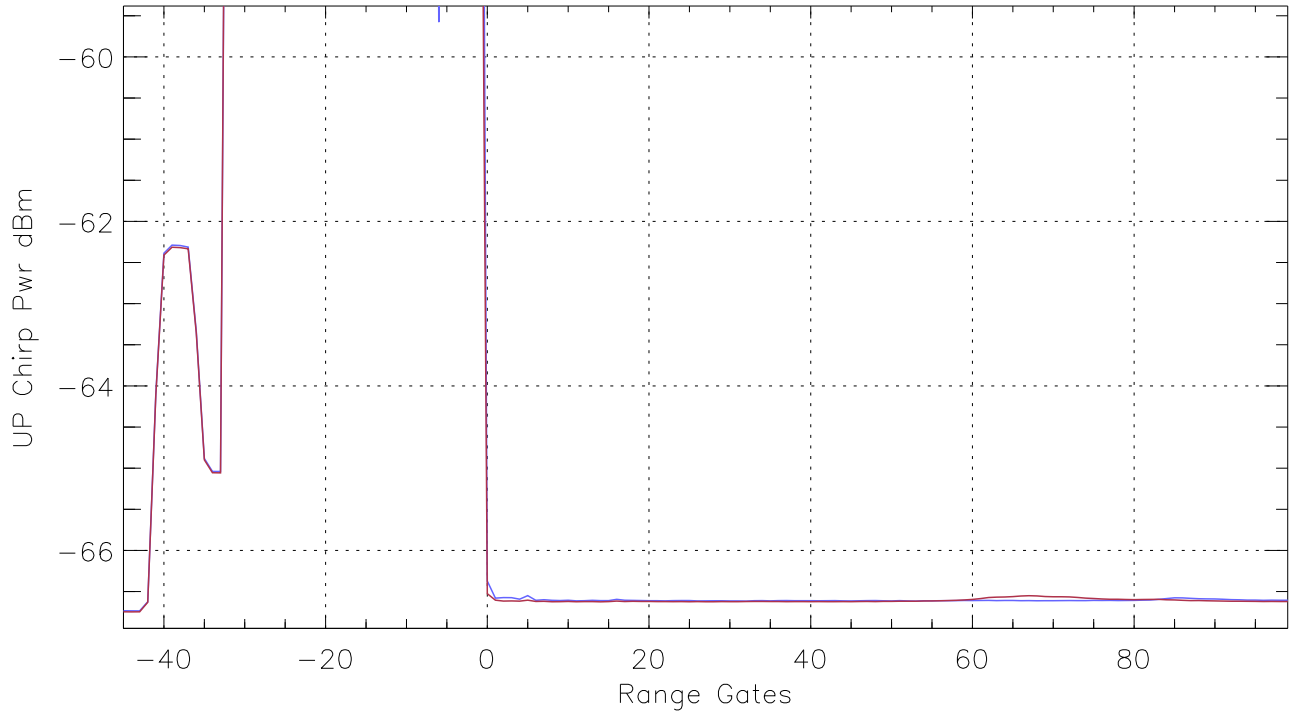


KPR SPP "Best" PPMAG noise (dBm):

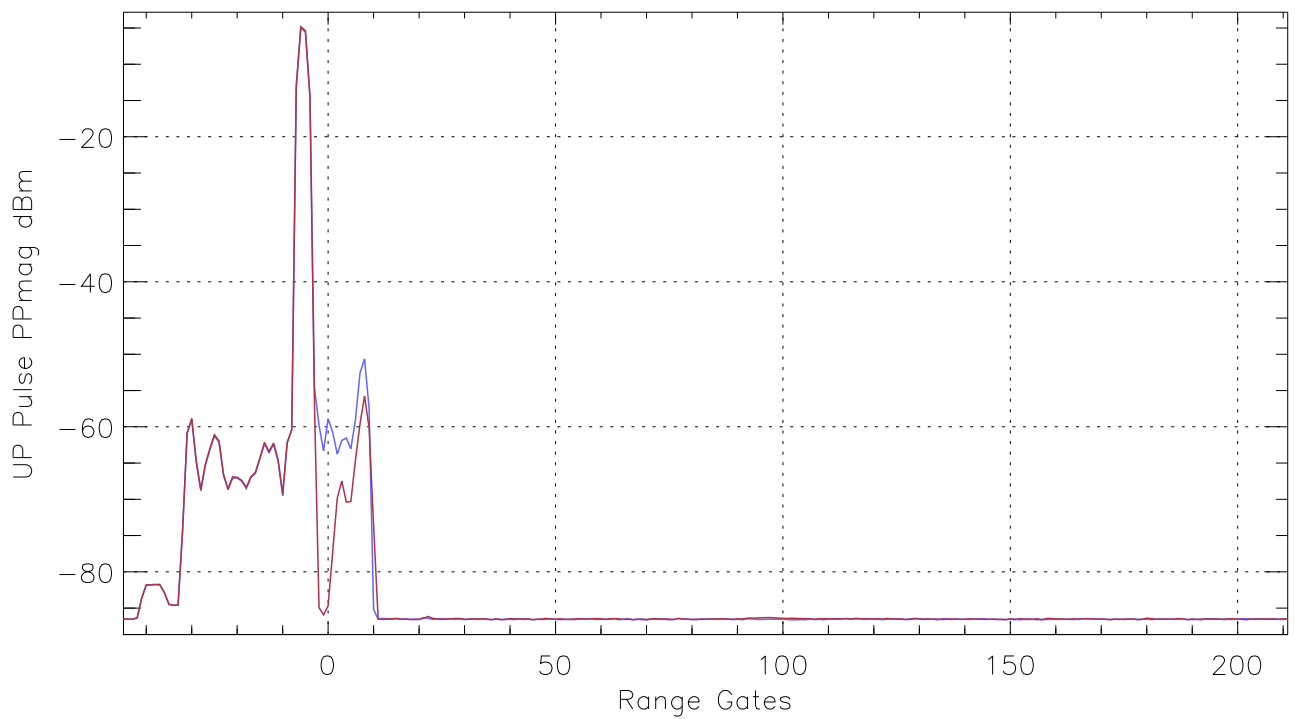
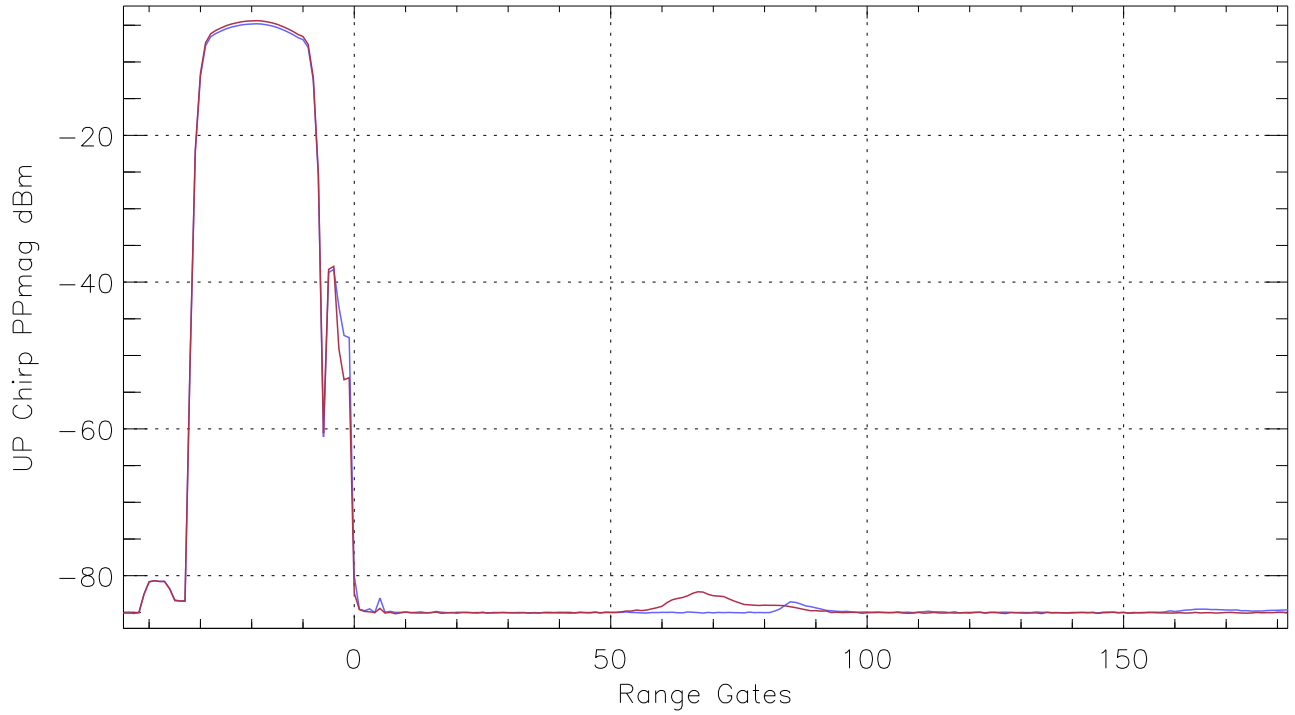
	Min	Max	Mean	Median	StDev
UP_C_RG123_0	-105.58	-79.95	-85.08	-85.34	-87.94
UP_P_RG156_0	-106.18	-81.14	-86.54	-86.83	-89.31



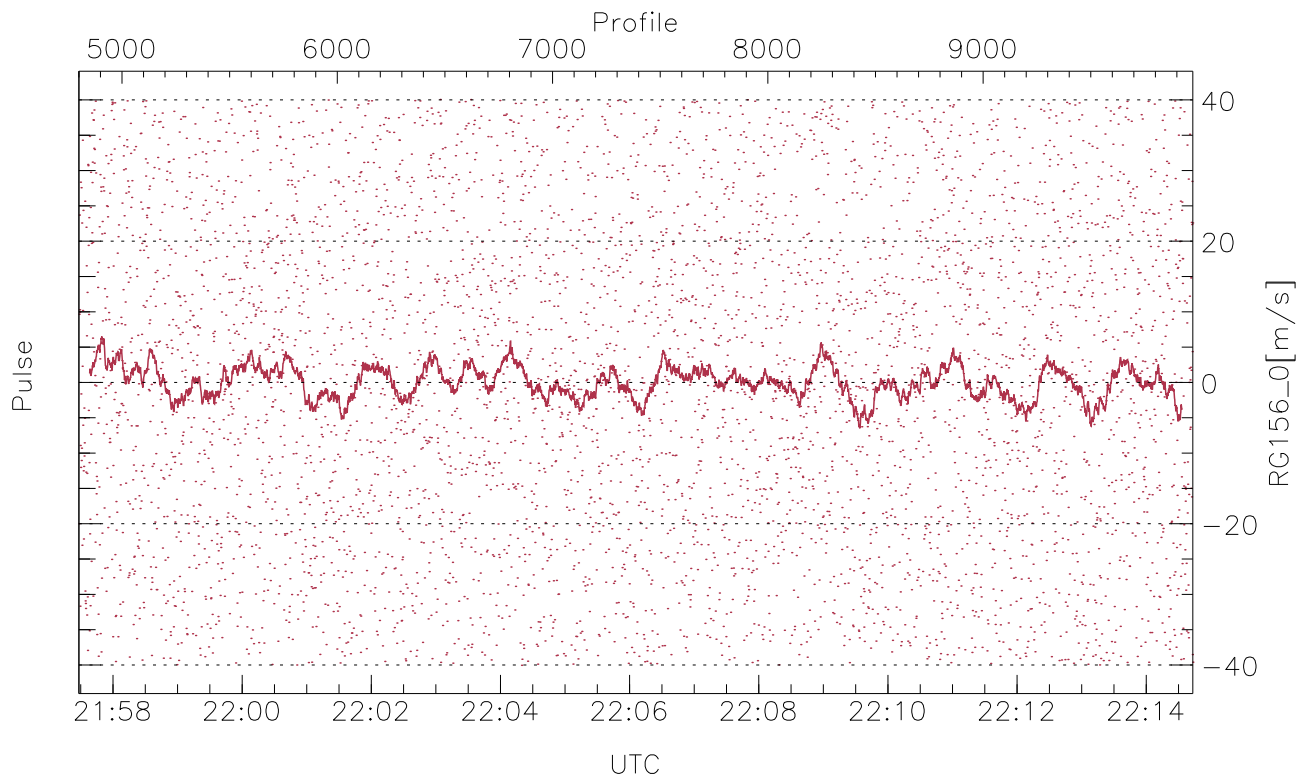
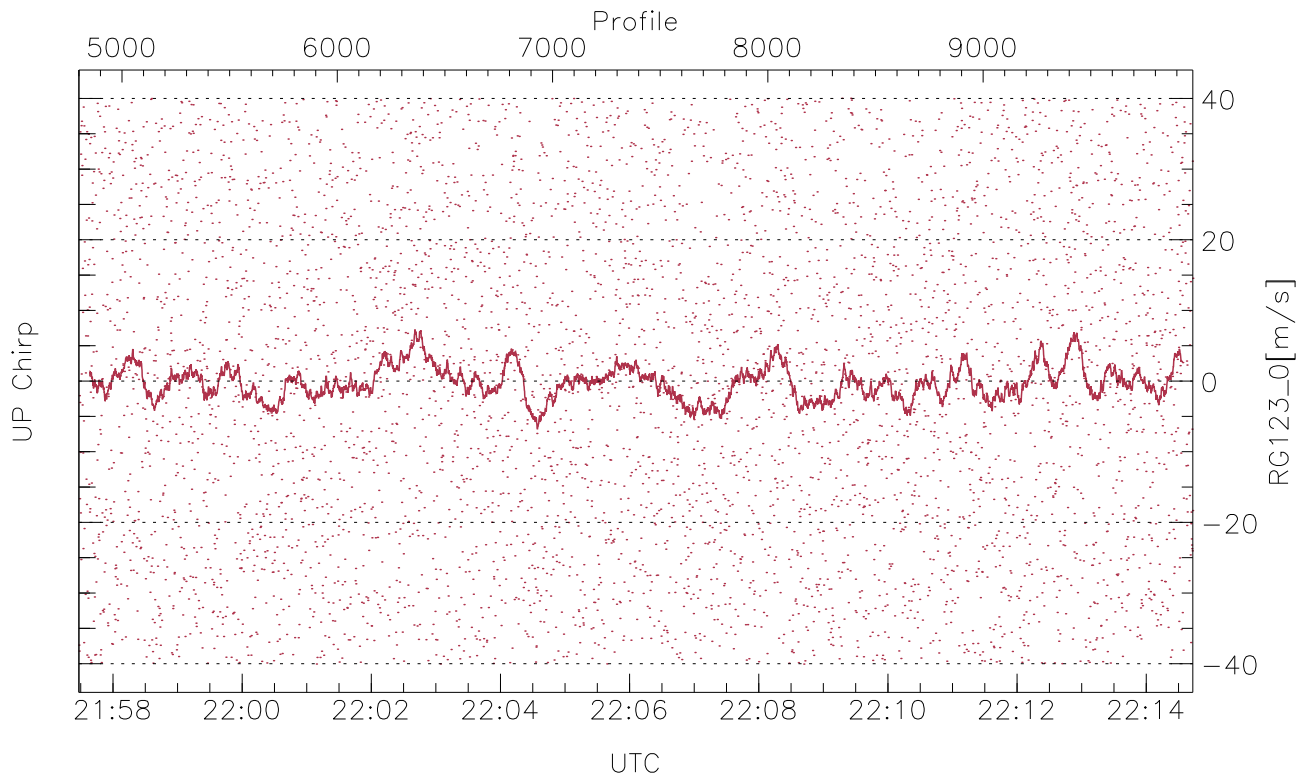
KPR SPP Averaged Received power for all recorded gates
blue: 215728-220605, 2588 profiles averaged
red: 220605-221443, 2588 profiles averaged



KPR SPP Averaged Power for neg. gates & up to 100 gates
blue: 215728-220605, 2588 profiles averaged
red: 220605-221443, 2588 profiles averaged

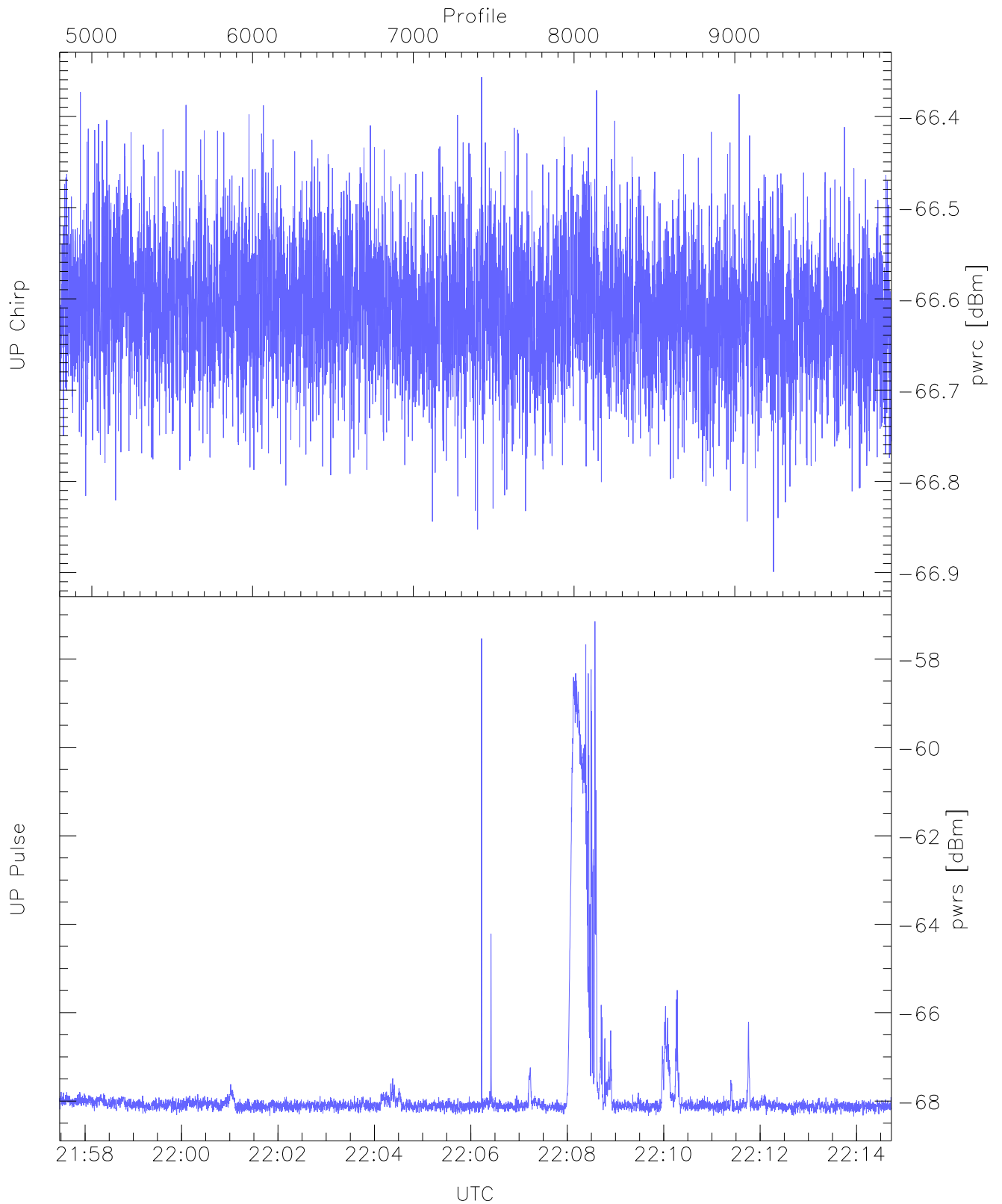


KPR SPP Averaged PP magnitude for all recorded gates
blue: 215728-220605, 2588 profiles averaged
red: 220605-221443, 2588 profiles averaged



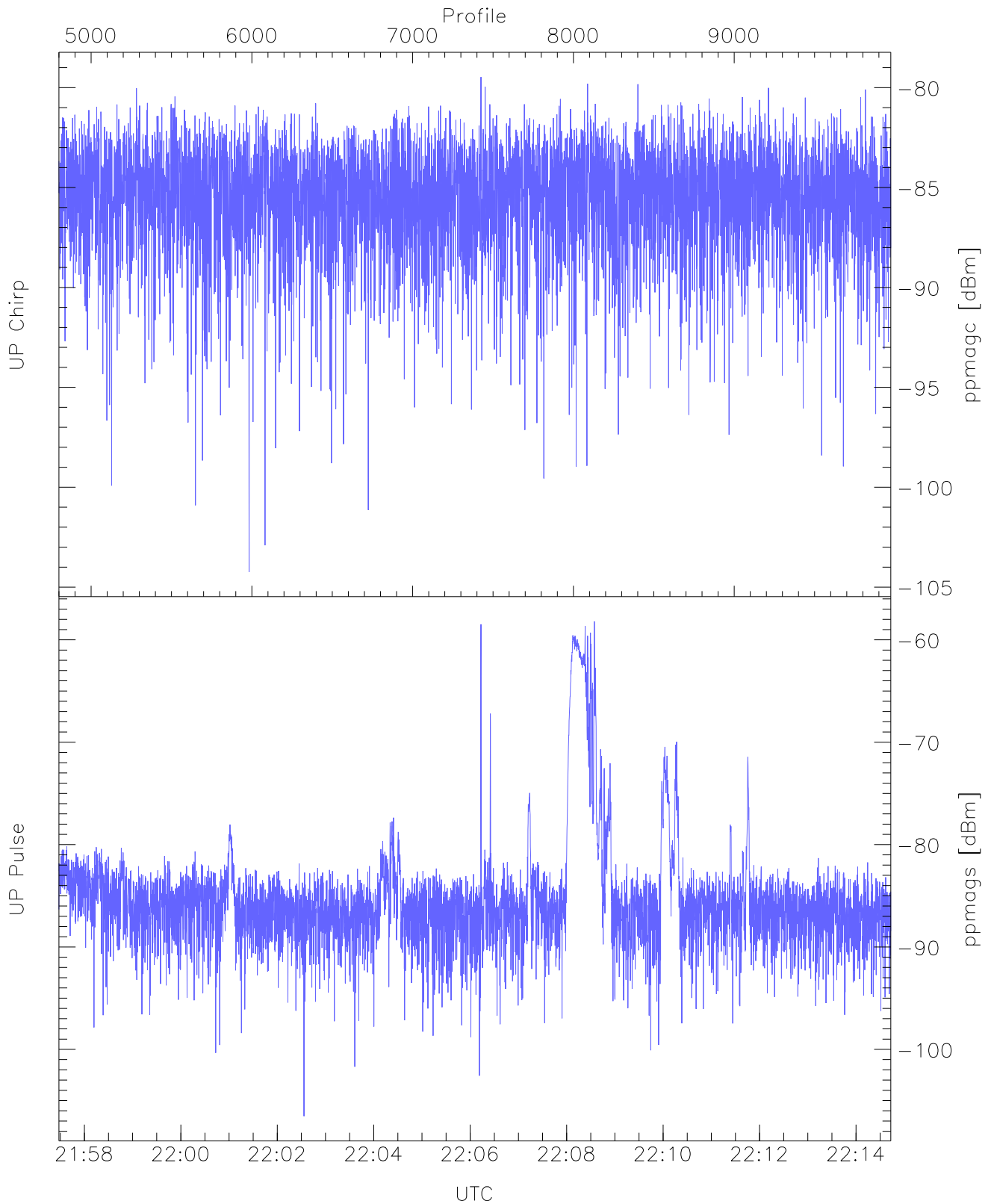
KPR SPP "Best" PPVEL noise (m/s):

	Min	Max	Mean	Median	StDev
UP_C_RG123_0	-40.05	40.02	-0.21	0.01	22.89
UP_P_RG156_0	-40.04	40.06	-0.01	-0.29	22.49



KPR SPP Received Power for Chirp Range gate 10 (1315.8 m)
 KPR SPP Received Power for Pulse Range gate 10 (466.6 m)

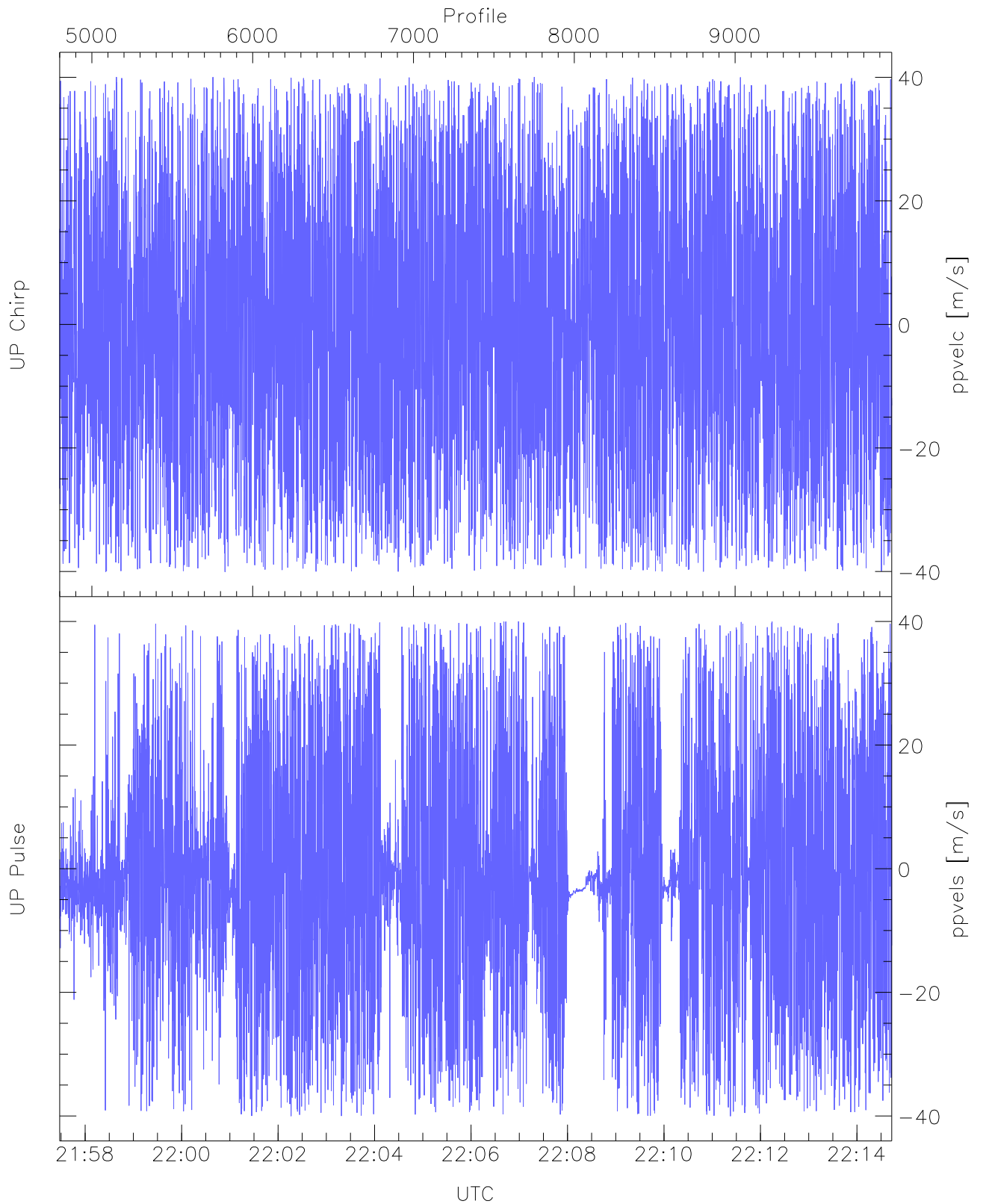
	Min	Max	Mean
UP Chirp(dBm)	-66.90	-66.36	-66.61
UP Pulse(dBm)	-68.34	-57.15	-67.46



KPR SPP PPMAG for Chirp Range gate 10 (1315.8 m)

KPR SPP PPMAG for Pulse Range gate 10 (466.6 m)

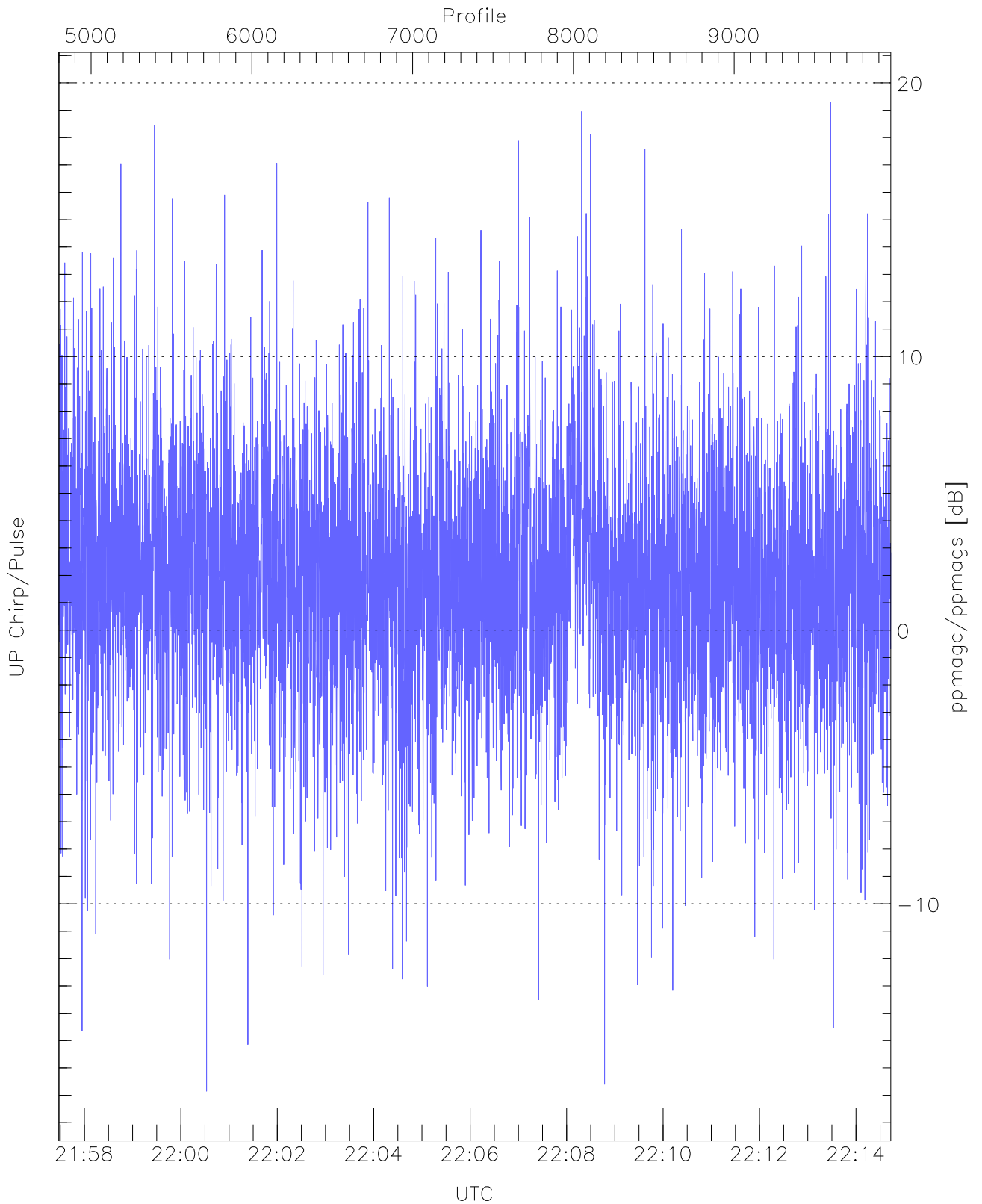
	Min	Max	Mean
UP Chirp(dBm)	-104.24	-79.47	-84.96
UP Pulse(dBm)	-106.53	-58.19	-76.36



KPR SPP PPVEL for Chirp Range gate 10 (1315.8 m)

KPR SPP PPVEL for Pulse Range gate 10 (466.6 m)

	Min	Max	Mean
UP Chirp(m/s)	-40.06	40.04	-0.63
UP Pulse(m/s)	-40.03	40.01	-1.10



KPR SPP PPMAG Chirp/Pulse; Range gate: 1046.0m /1066.2m

	Min	Max	Mean
UP Chirp/Pulse(dBm)	-16.86	19.31	3.92