24nov21 total power vs if/lo atten while tracking sun. (polA)
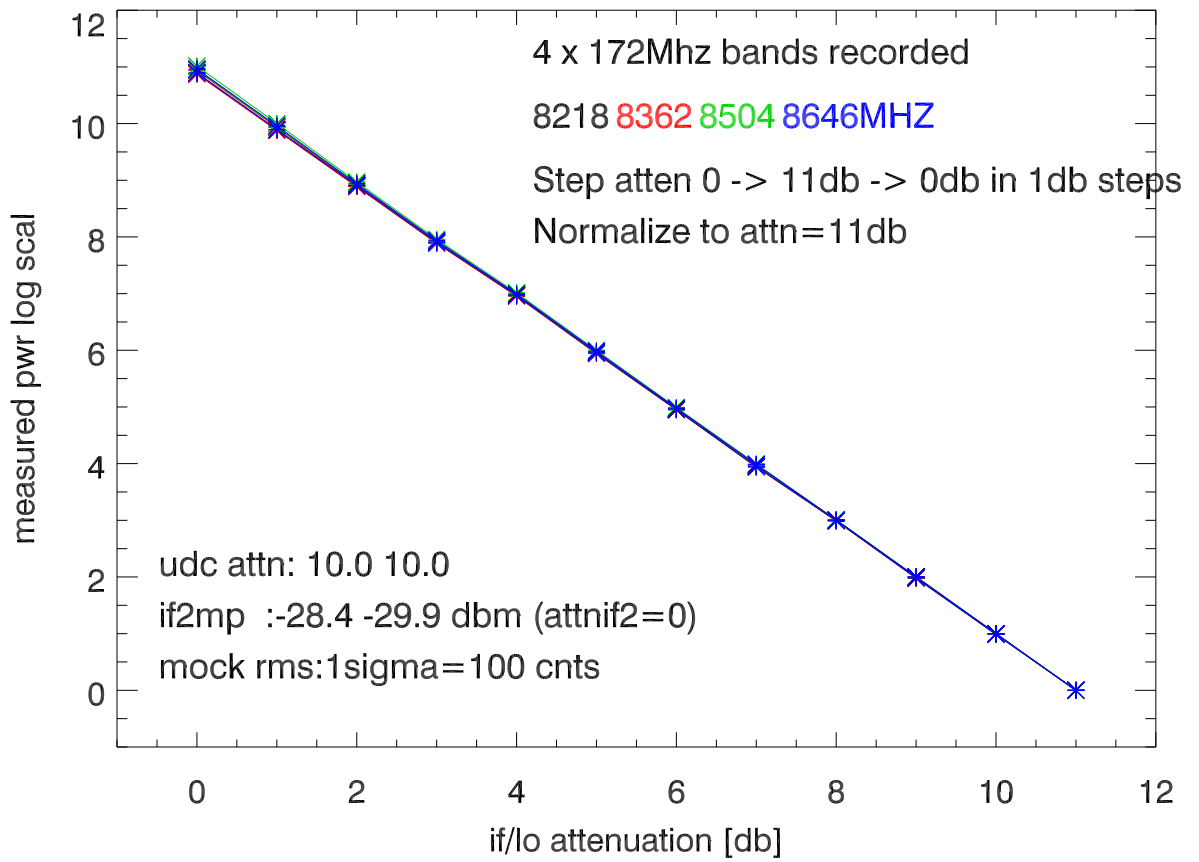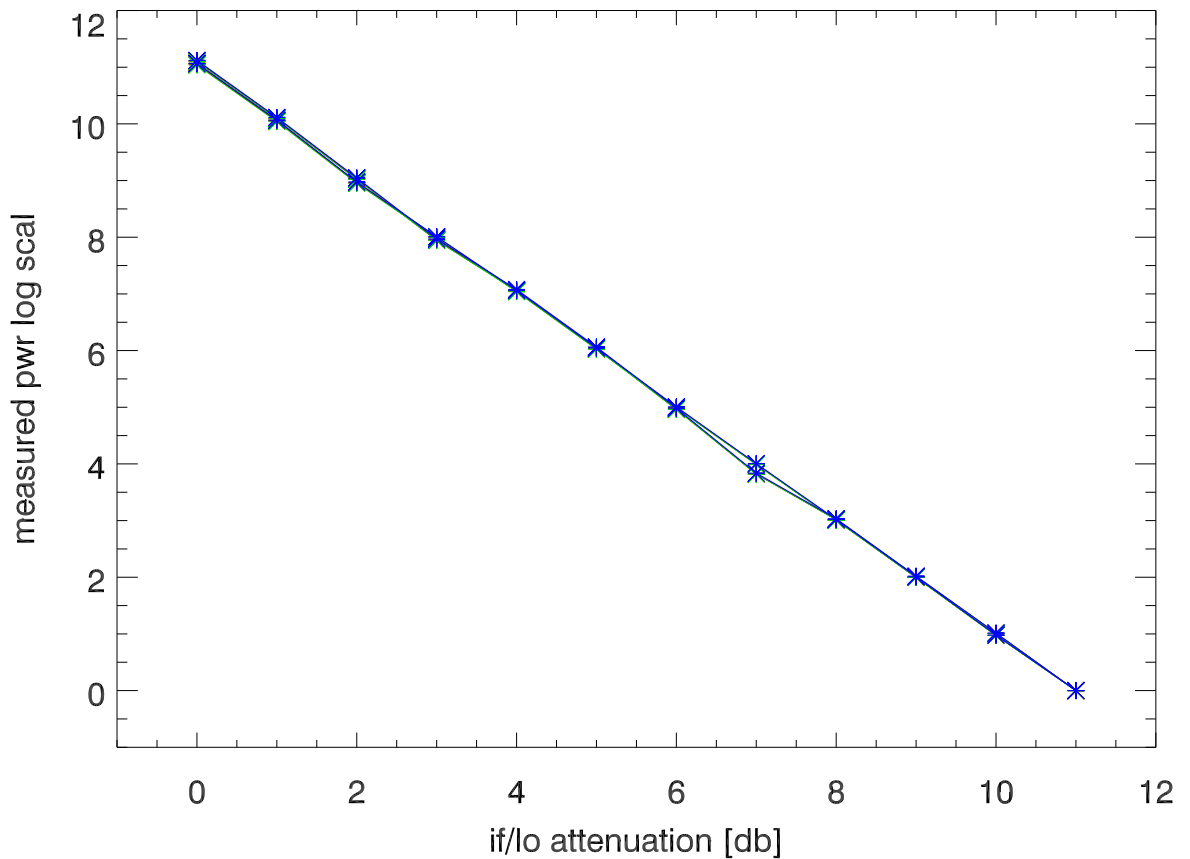

4 x 172Mhz bands recorded

8218 8362 8504 8646MHZ

Step atten 0 -> 11db -> 0db in 1db steps
Normalize to attn=11db

udc attn: 10.0 10.0
if2mp :-28.4 -29.9 dbm (attnif2=0)
mock rms:1sigma=100 cnts

measured pwr log scal

if/lo attenuation [db]

PolB

measured pwr log scal

if/lo attenuation [db]

(TpLinearFit - TpMeasuredValue) vs atten value PolA

LinerFit to atten 6-11 db

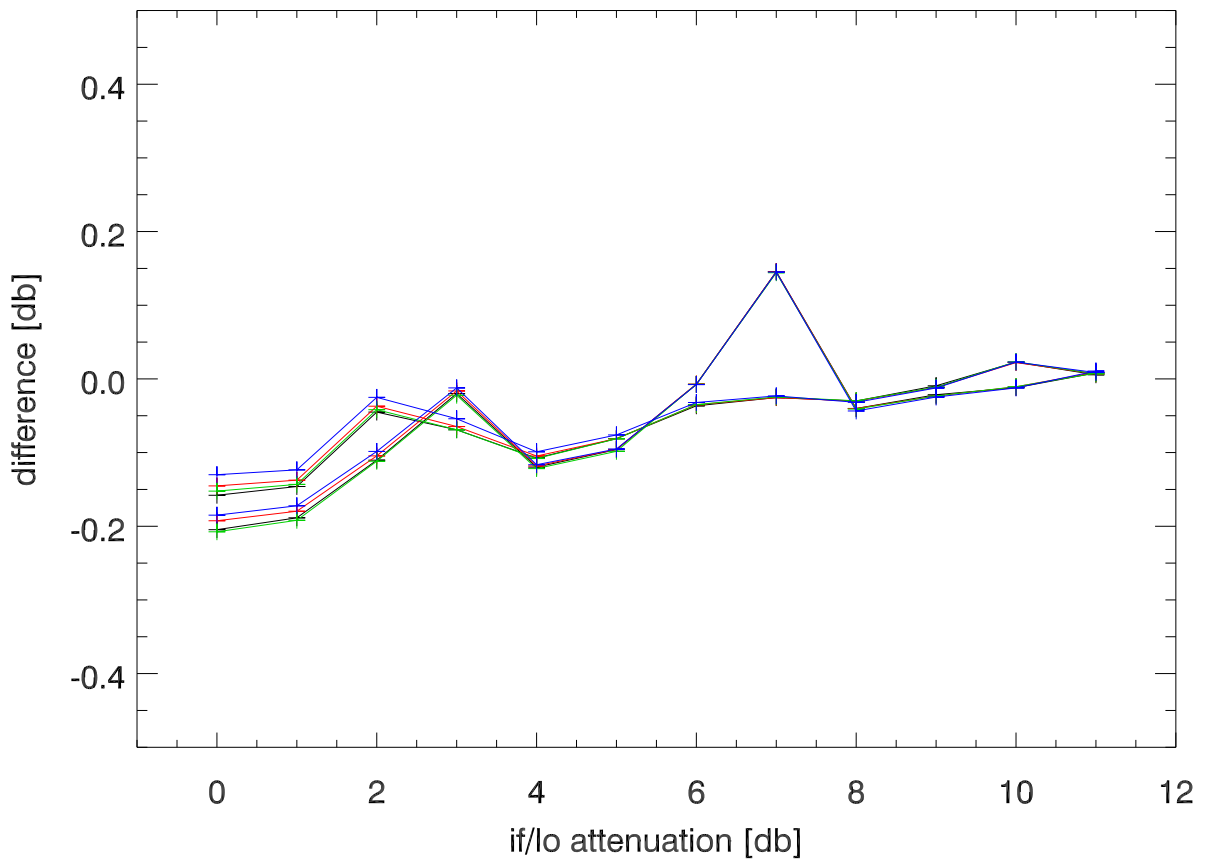PolB

24nov21 total power vs if/lo atten while tracking sun. (polA)

4 x 172Mhz bands recorded
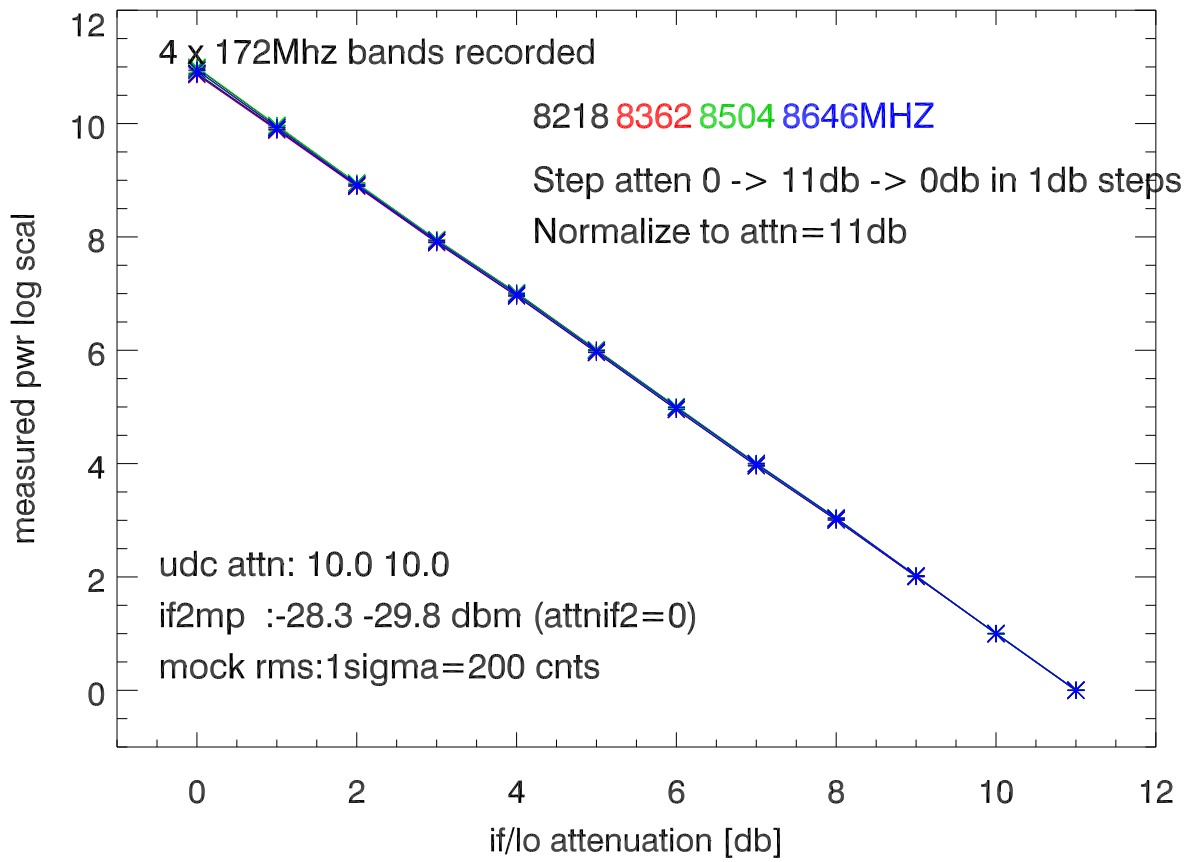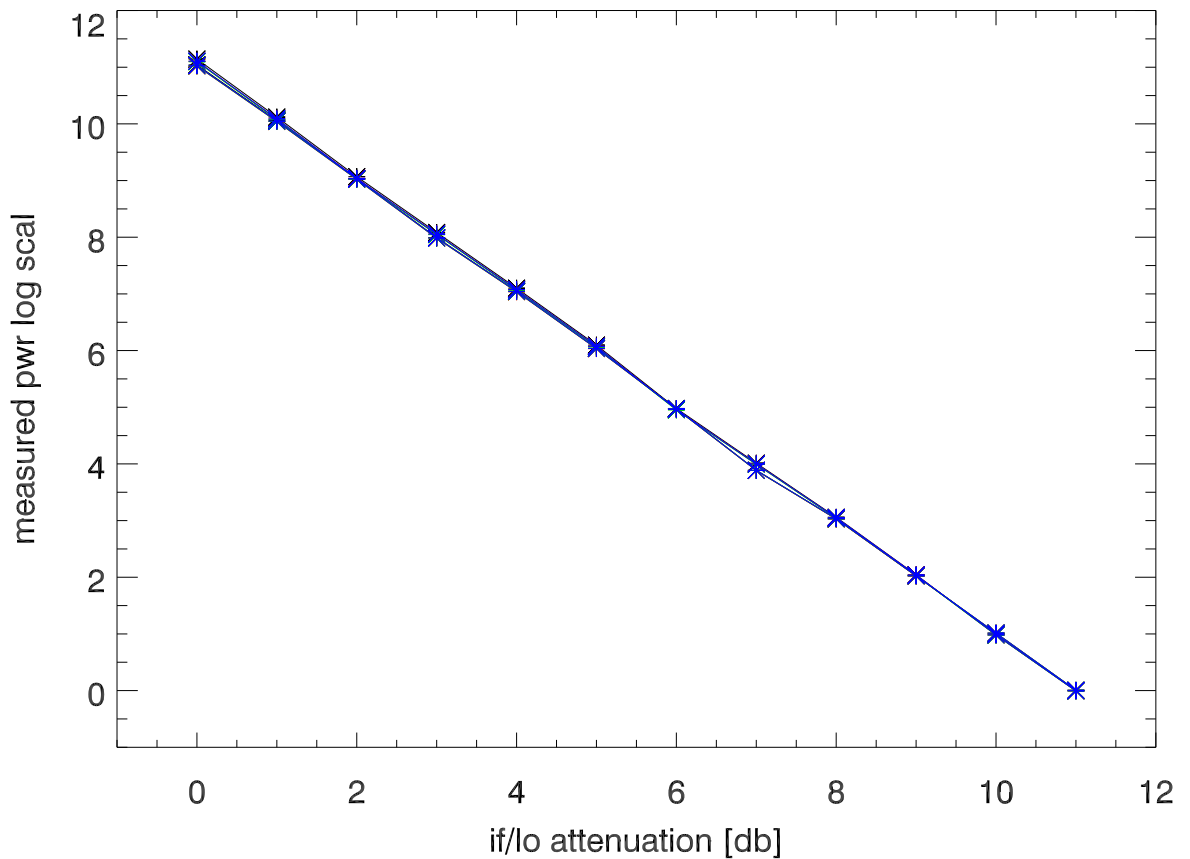
8218 8362 8504 8646MHZ

Step atten 0 -> 11db -> 0db in 1db steps
Normalize to attn=11db

udc attn: 10.0 10.0

if2mp :-28.3 -29.8 dbm (attnif2=0)

mock rms:1sigma=200 cnts

measured pwr log scal

if/lo attenuation [db]

PolB

measured pwr log scal

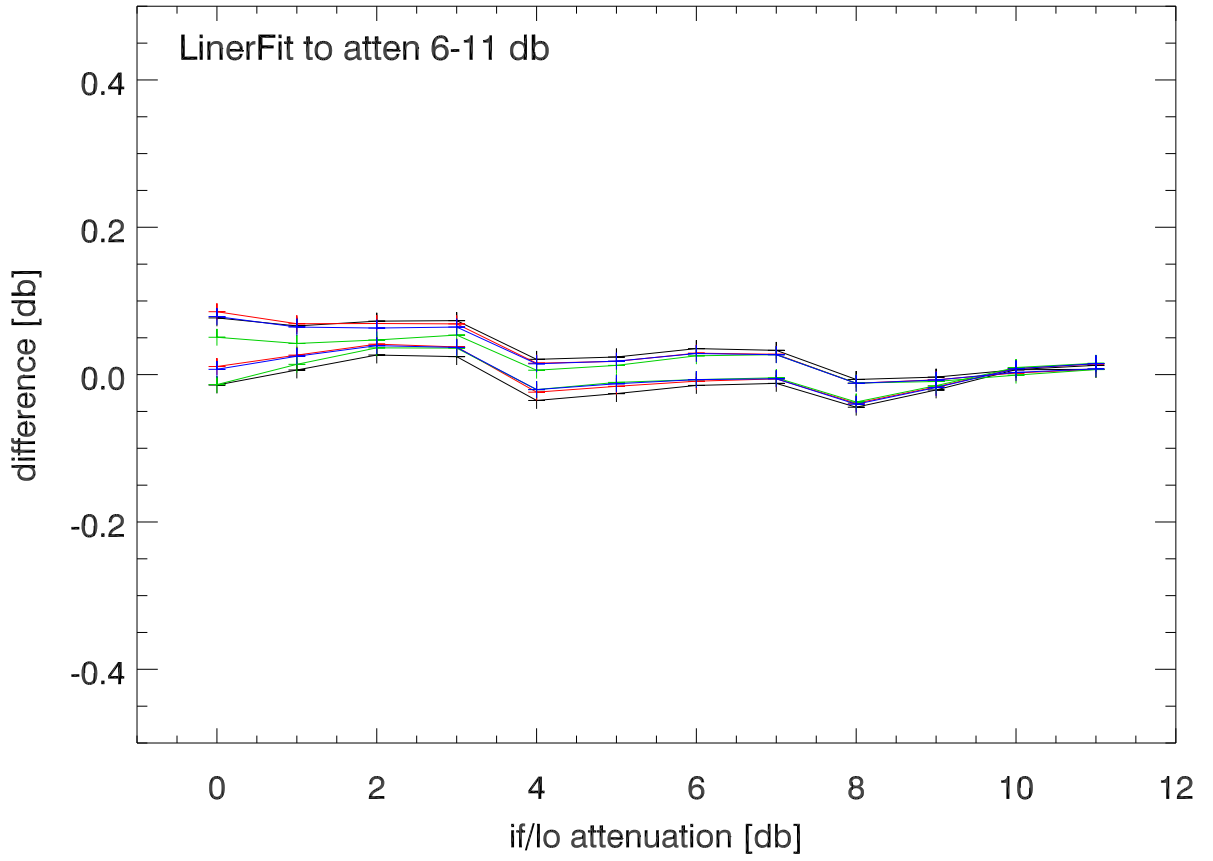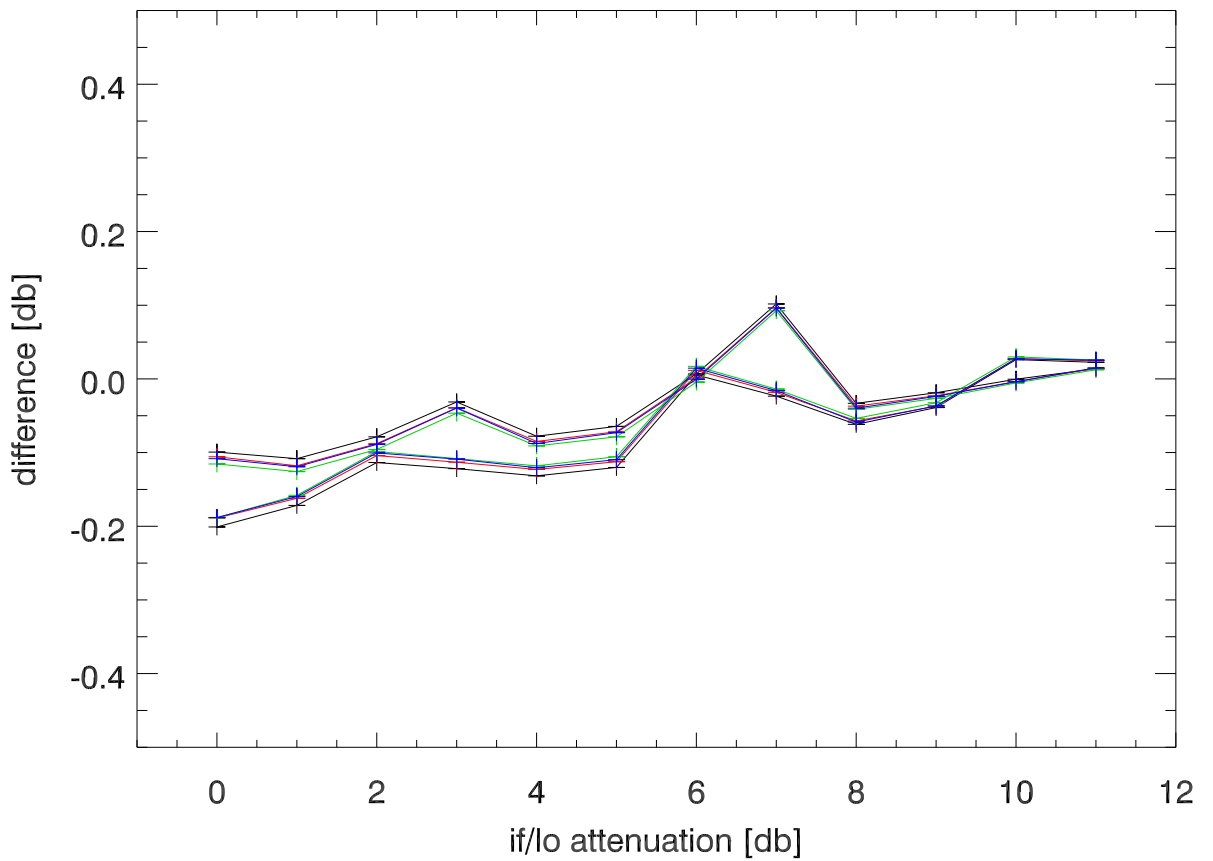if/lo attenuation [db]

(TpLinearFit - TpMeasuredValue) vs atten value PolA

LinerFit to atten 6-11 db

PolB

24nov21 total power vs if/lo atten while tracking sun. (polA)

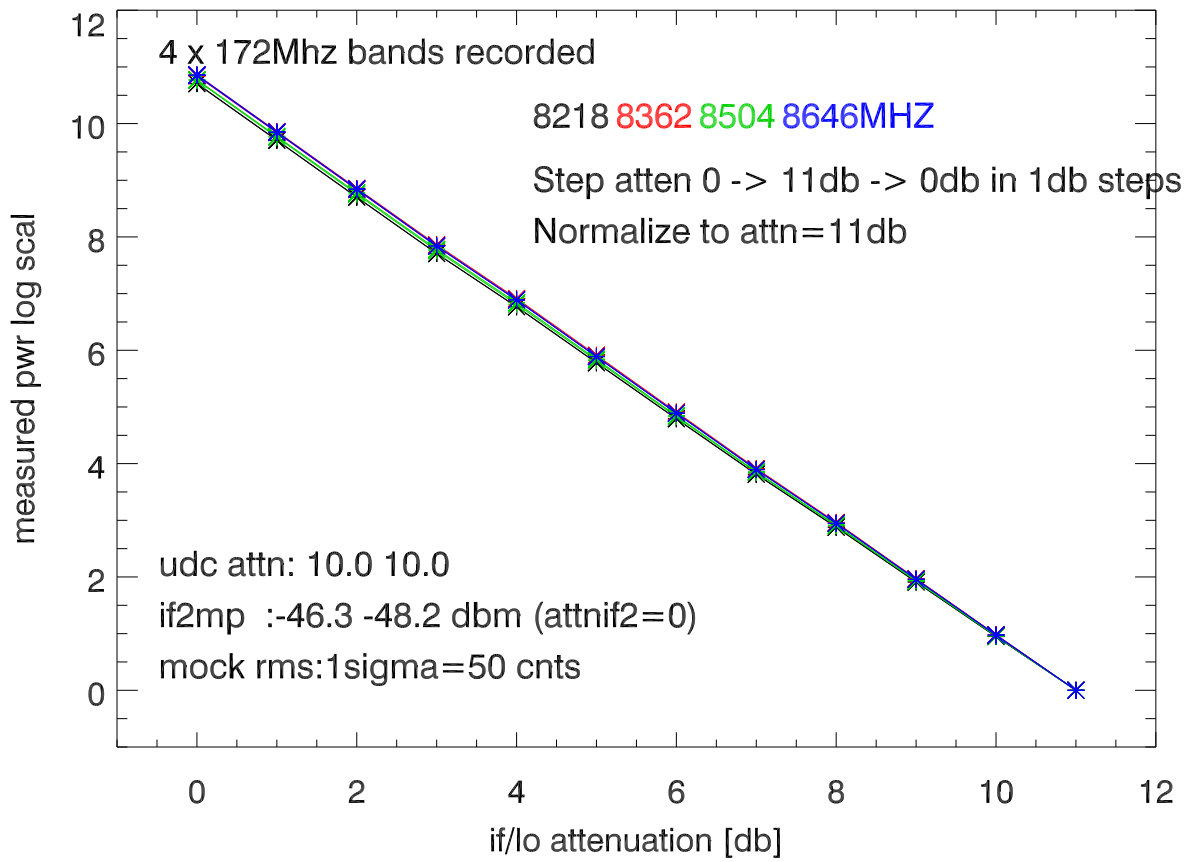4 x 172Mhz bands recorded

8218 8362 8504 8646MHZ

Step atten 0 -> 11db -> 0db in 1db steps
Normalize to attn=11db

udc attn: 10.0 10.0
if2mp :-46.3 -48.2 dbm (attnif2=0)
mock rms:1sigma=50 cnts

measured pwr log scal

if/lo attenuation [db]

PolB

measured pwr log scal

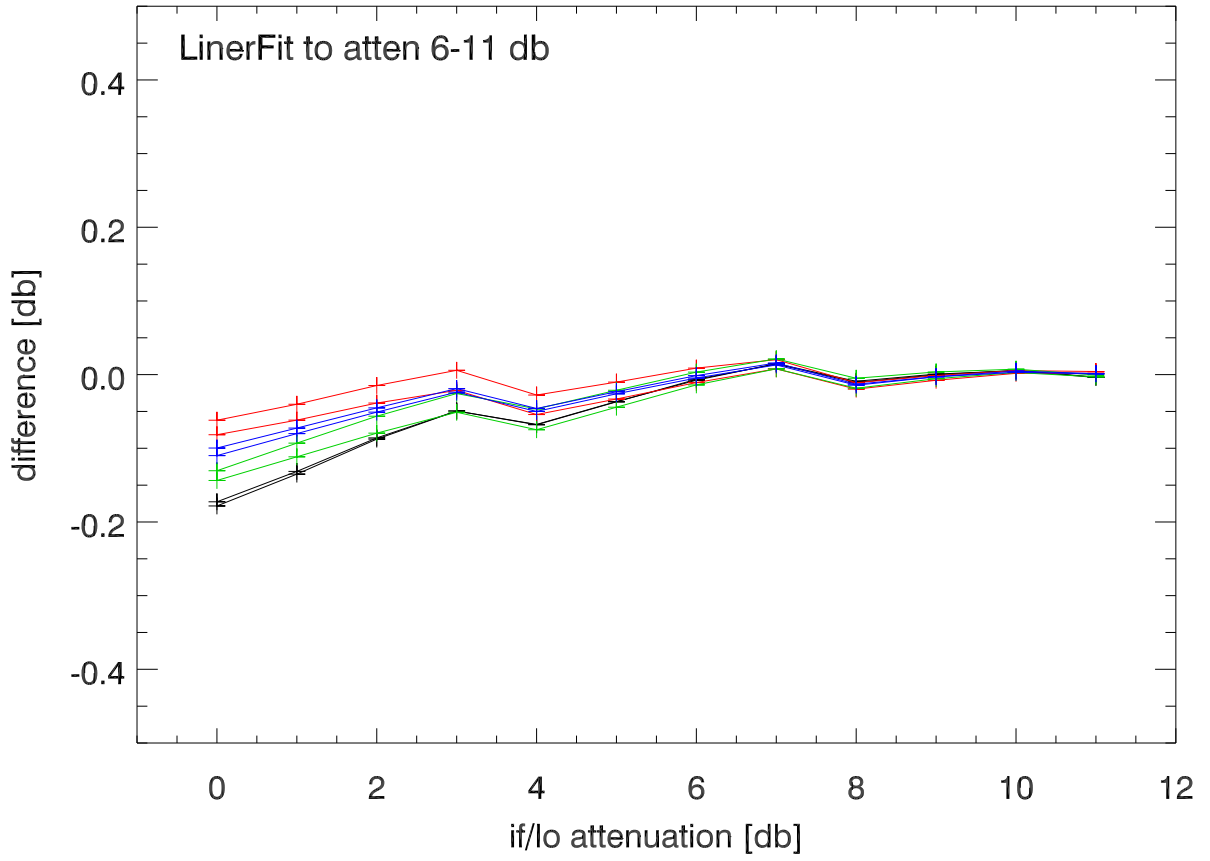if/lo attenuation [db]

(TpLinearFit - TpMeasuredValue) vs atten value PolA