



BBTLine's 2-Way RF Combiner Measurements

Measurements - RF Combiners - Before Layout Mod's Implemented

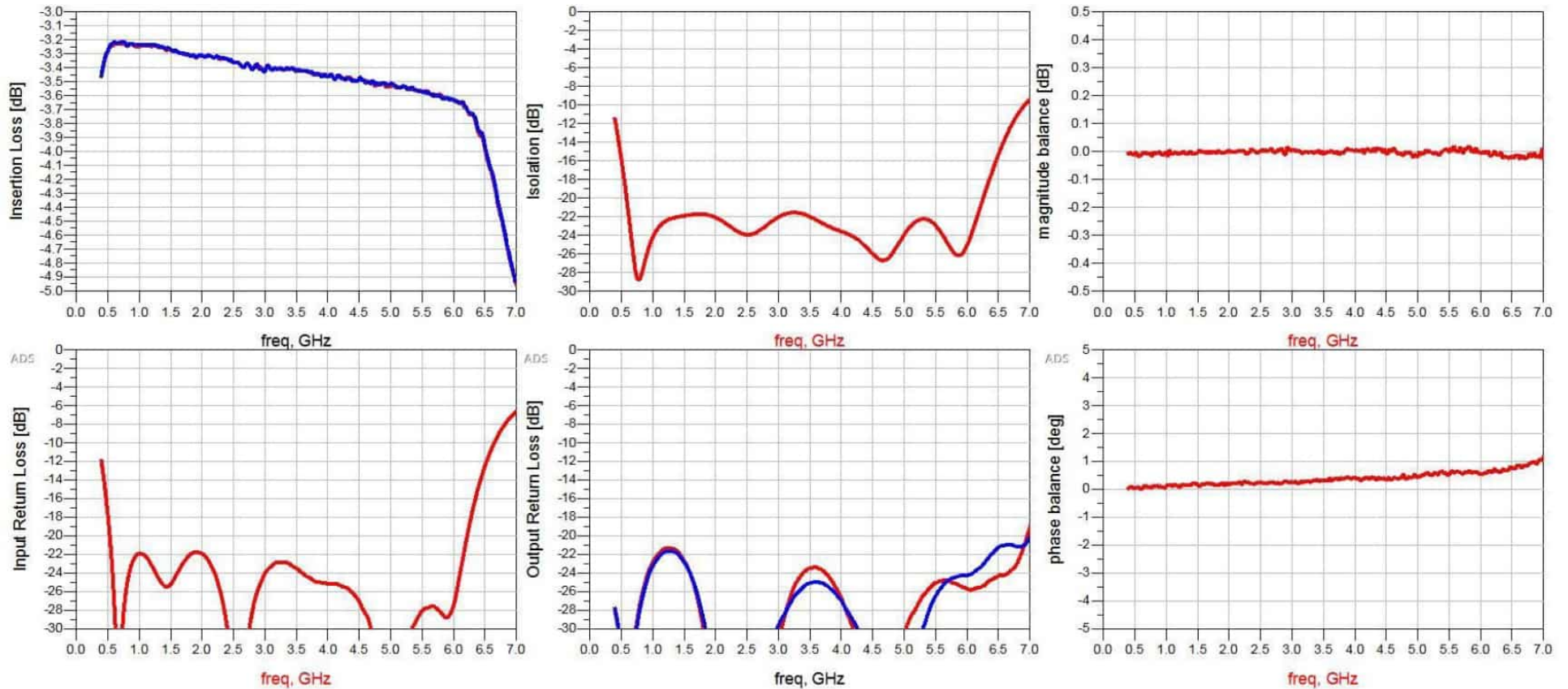
Ten 2-Way Surface Mount RF Splitters Were Measured. These devices are the earlier BBTLine devices (before layout modifications pushed the high corner frequencies up to 7 GHz).

It is interesting to compare the performance of these earlier 2-Way RF Power Dividers with the performance of the latest BBTLine 2-Way RF Combiners.

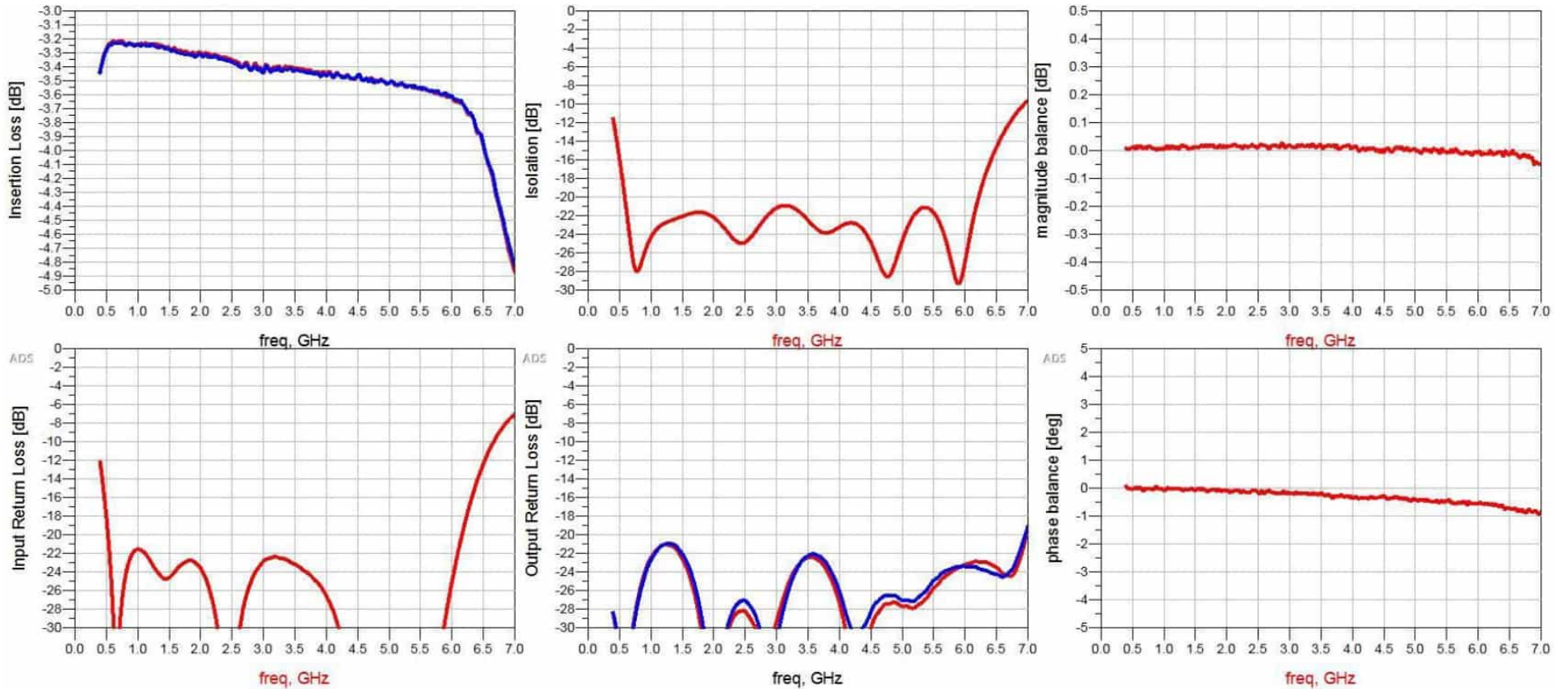
S-Parameter data is plotted below.

S-Parameter measurements includes Insertion Loss, Input Return Loss, Output Return Loss, Isolation, Amplitude Balance, and Phase Balance.

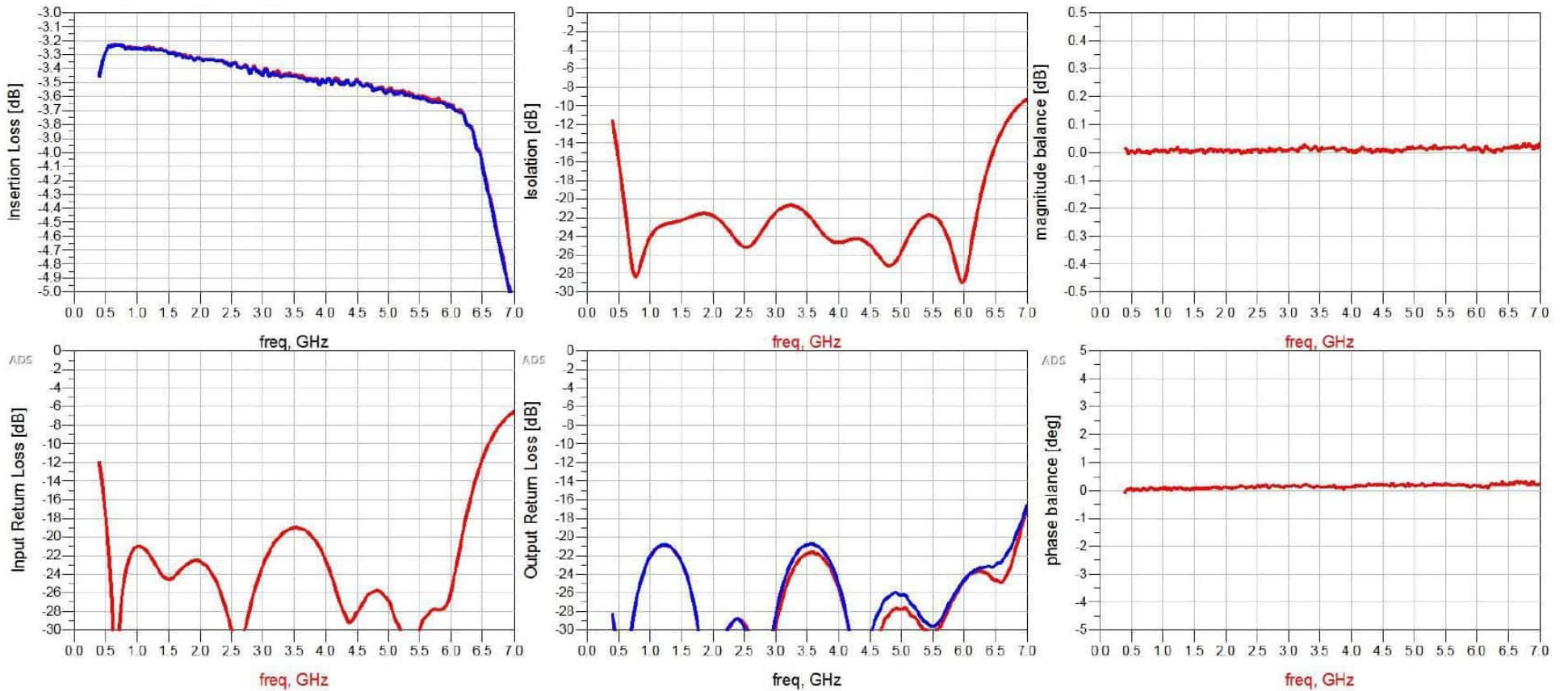
Note: the Insertion Loss plot below should be labeled “Total Loss” since it includes 3 dB from an ideal 2-Way Split



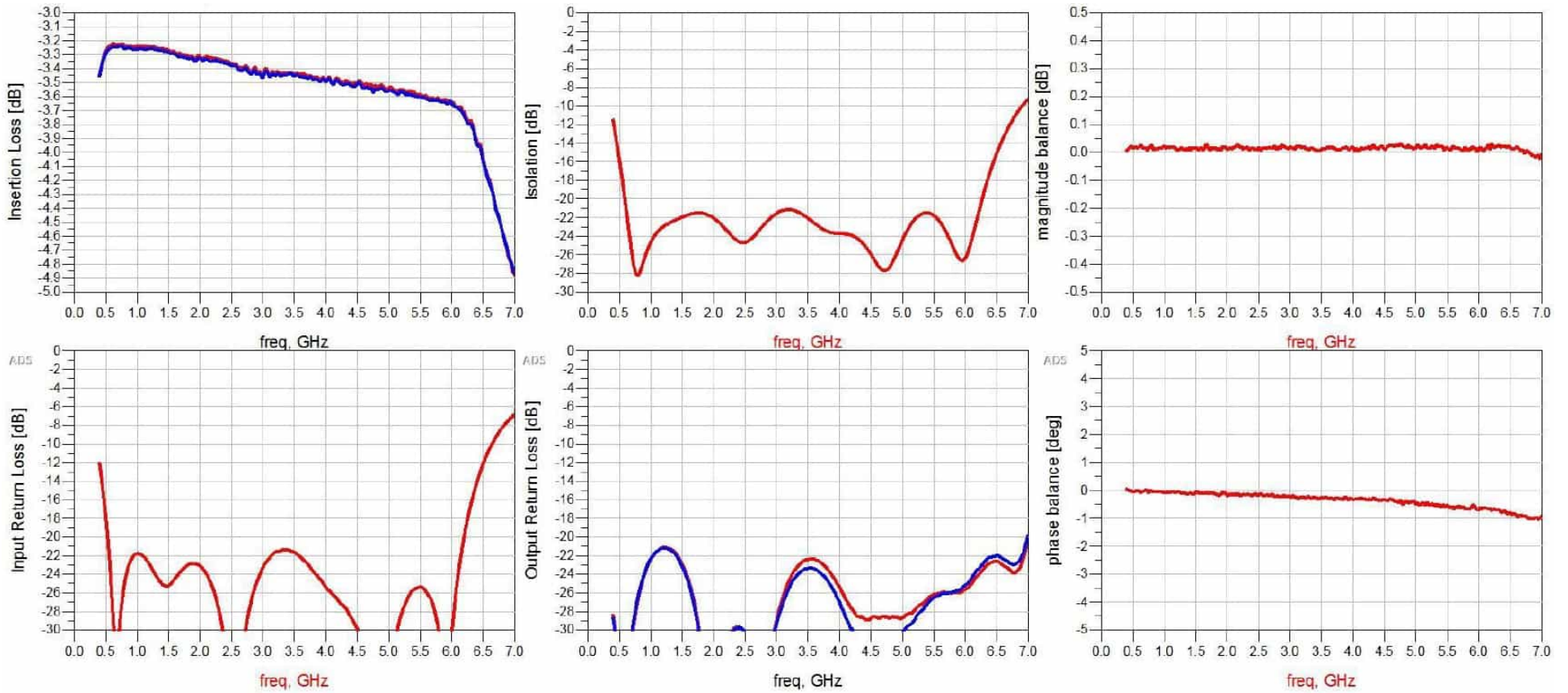
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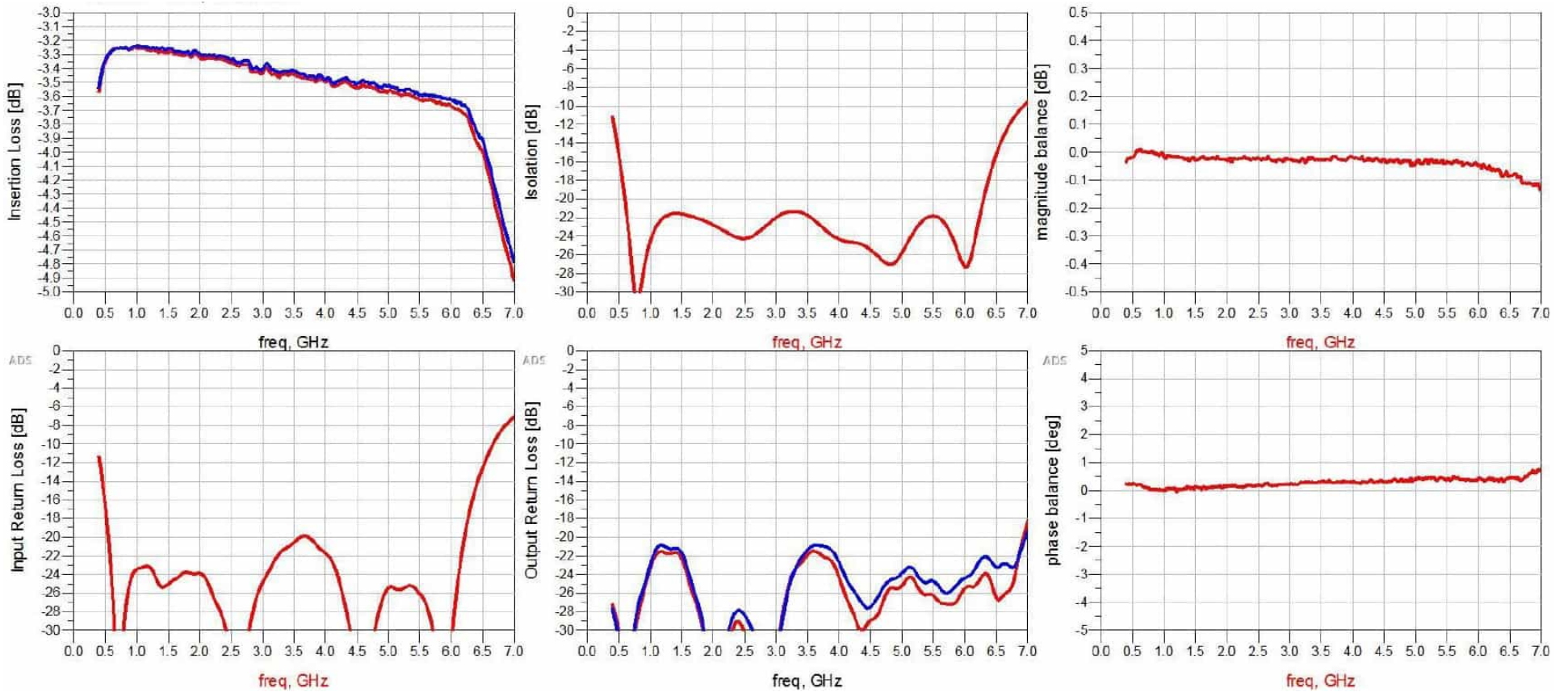
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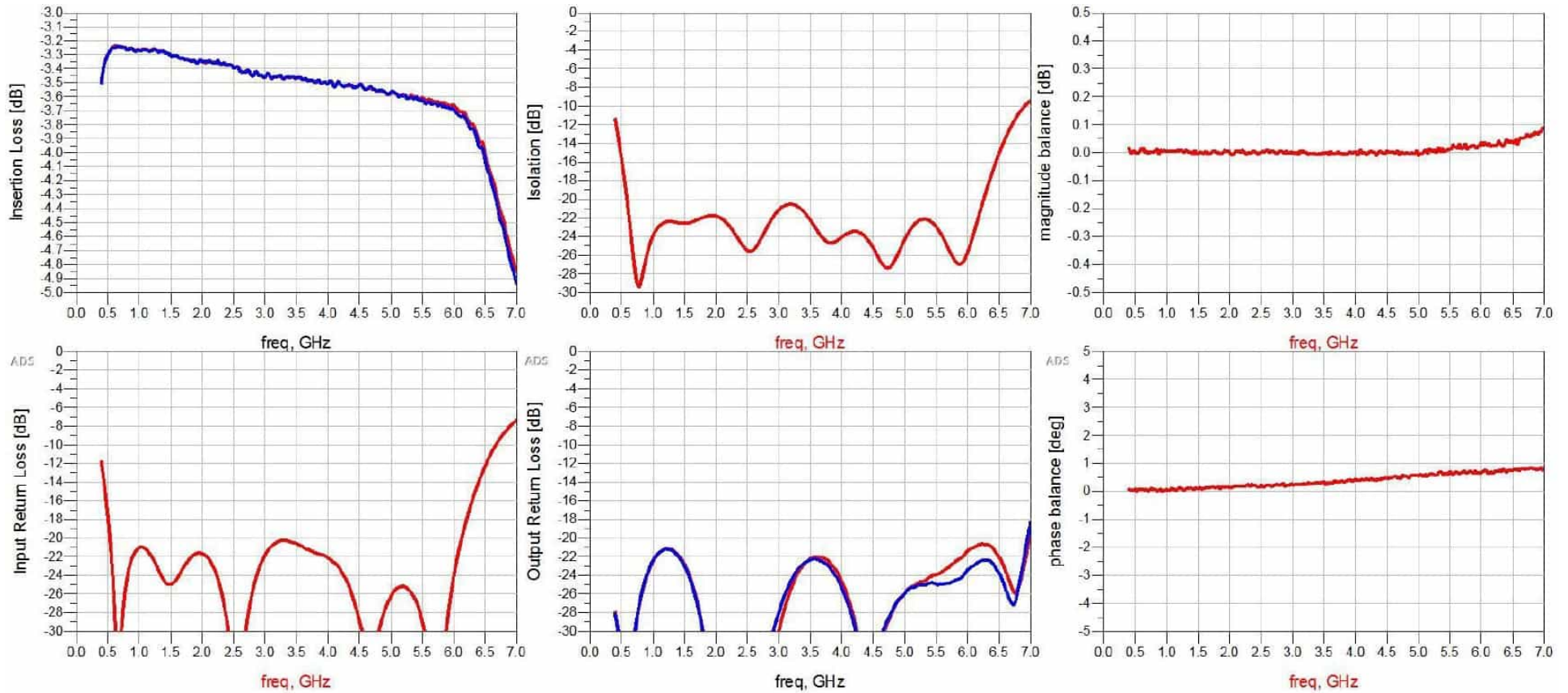
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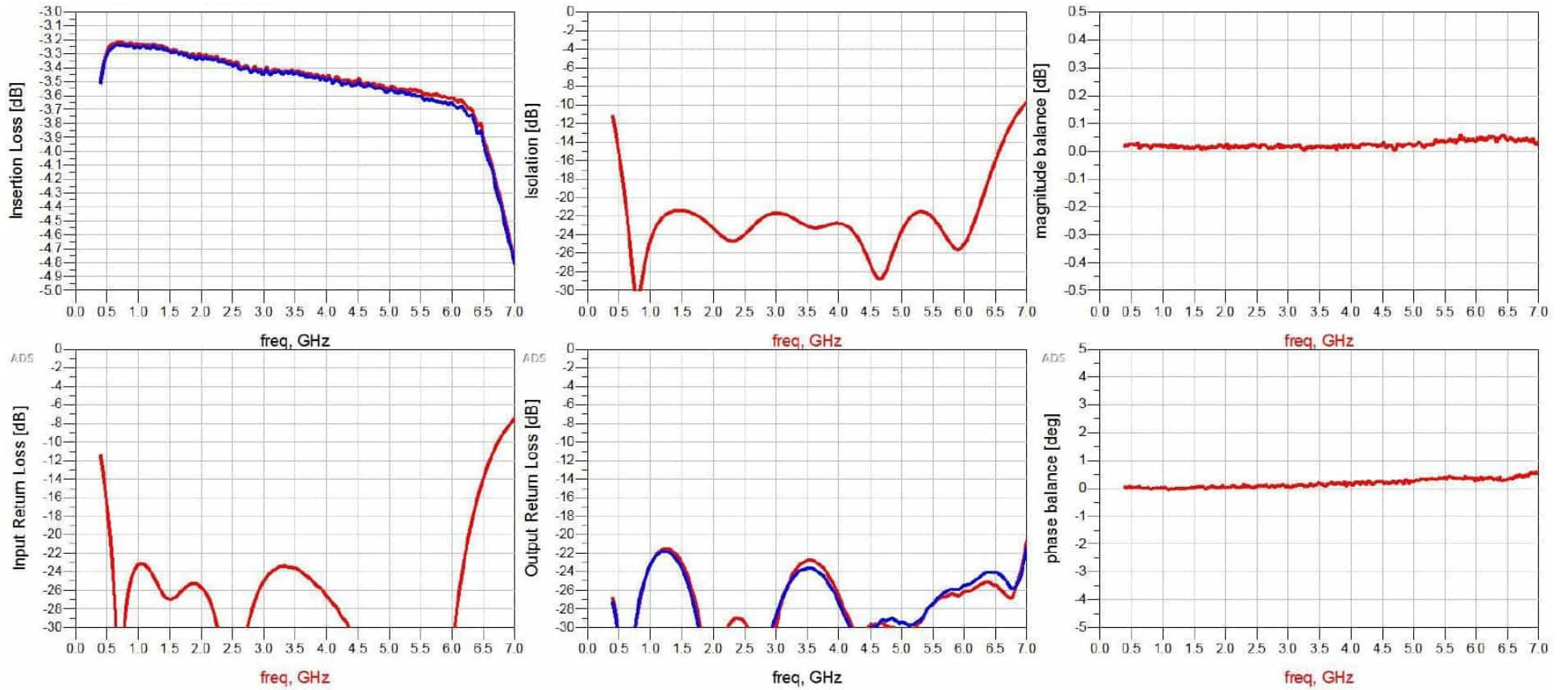
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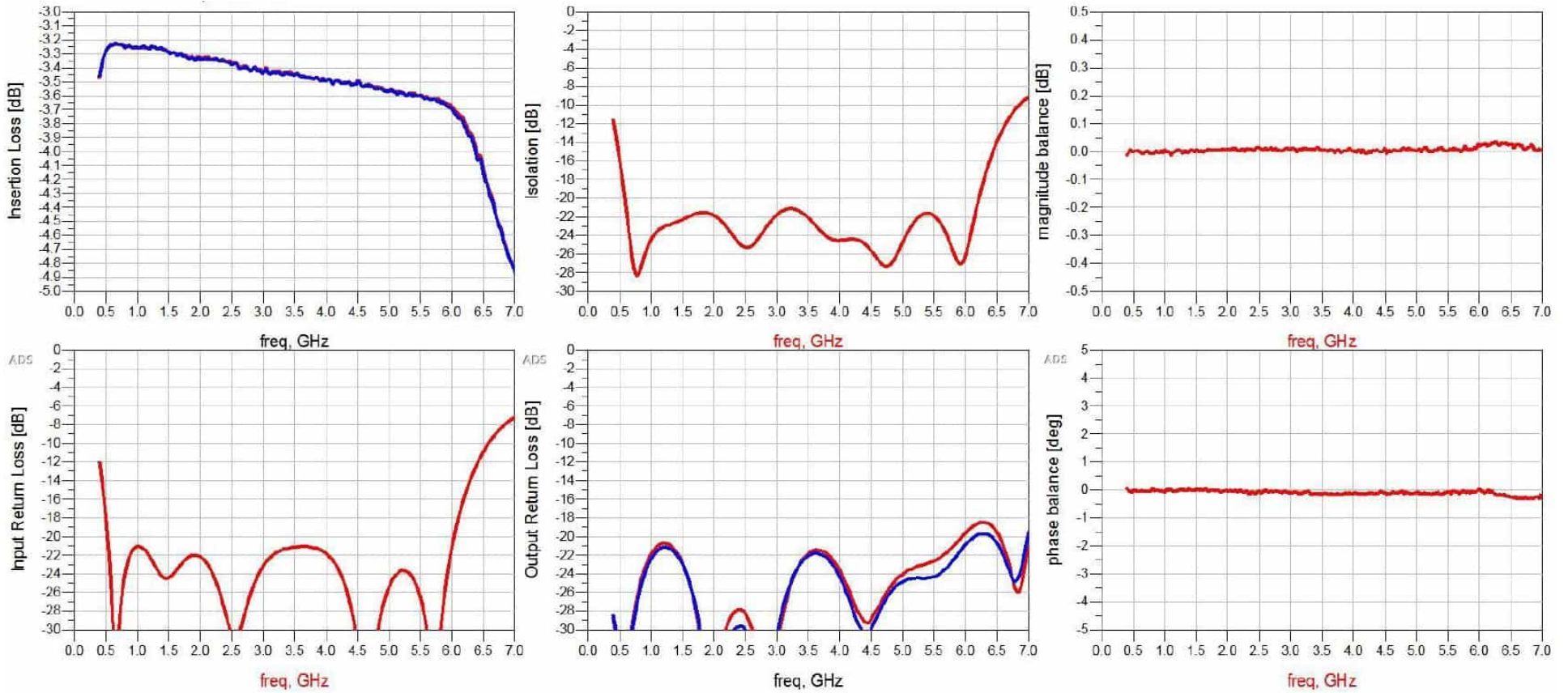
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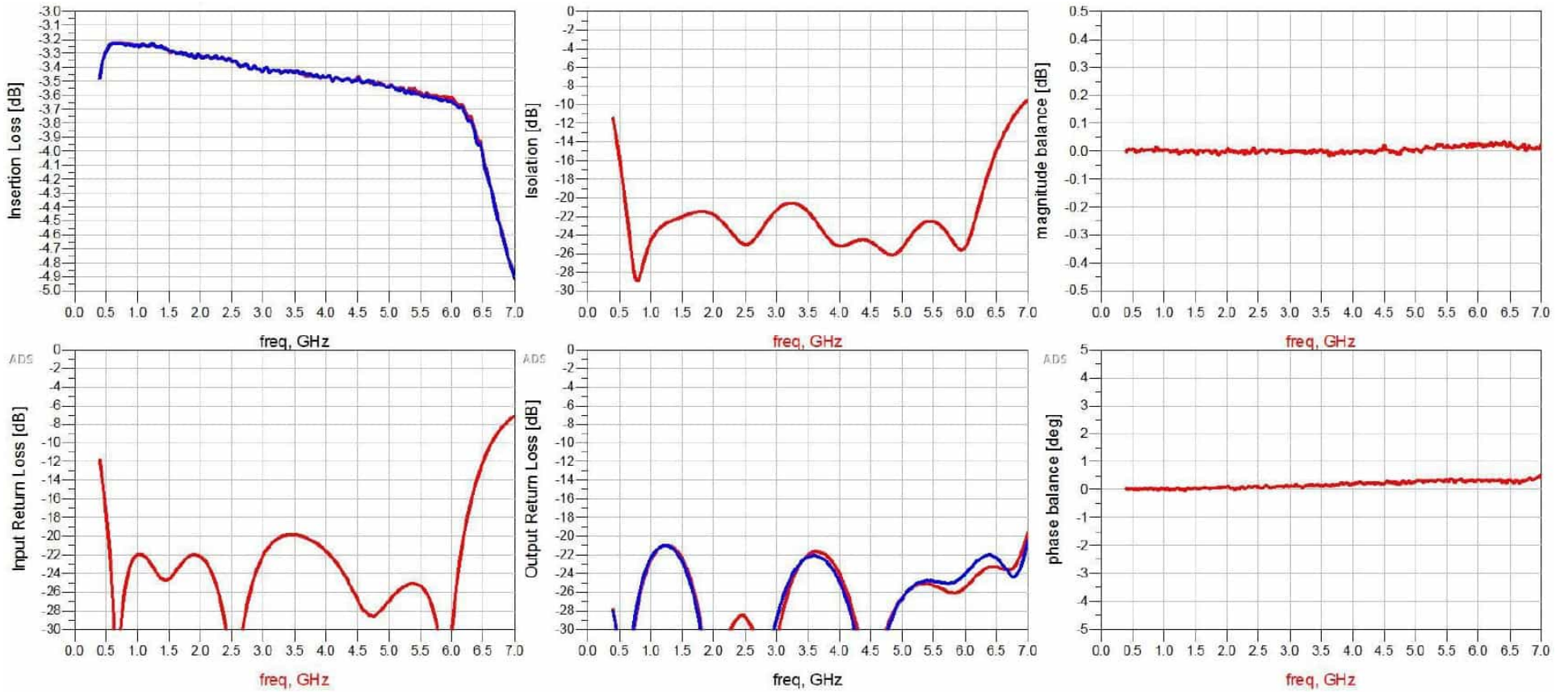
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