



## BBTLine's 8-Way Version 1 RF Splitter - Ten Splitter Measurements

Ten 8-Way Version 1 Surface Mount RF Splitters From Broadband Transmission Line (BBTLine) Were Measured. S-Parameter results are plotted for all ten devices below.

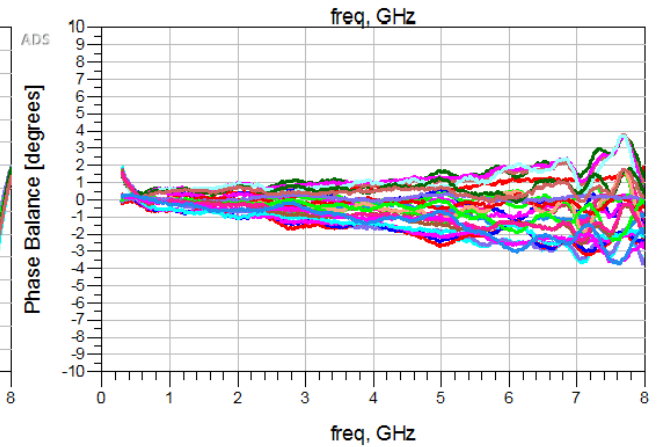
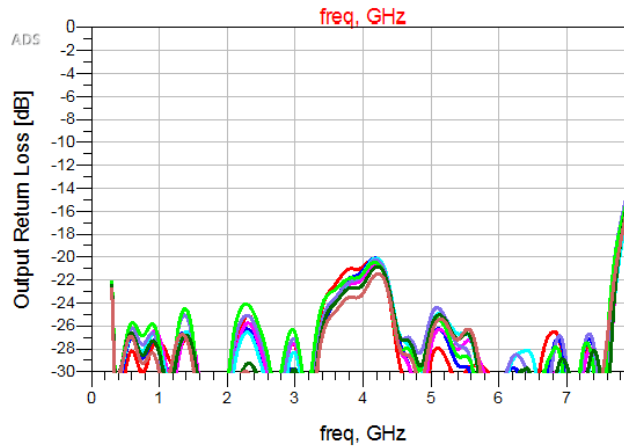
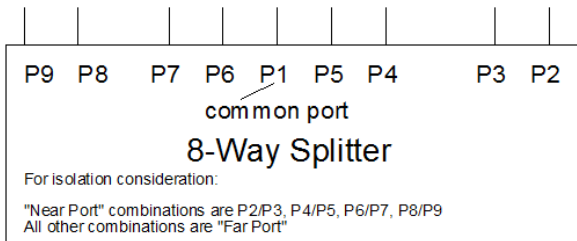
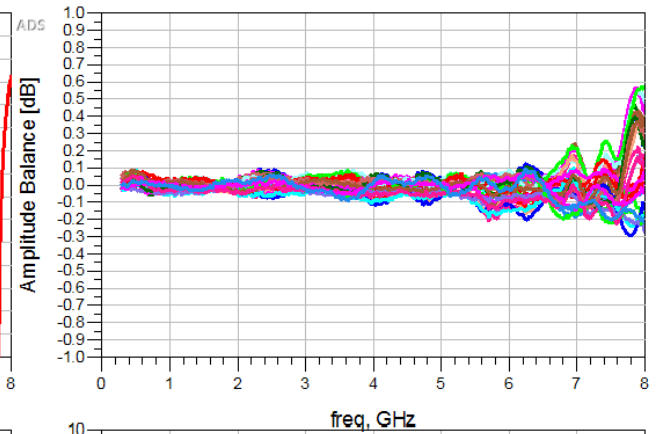
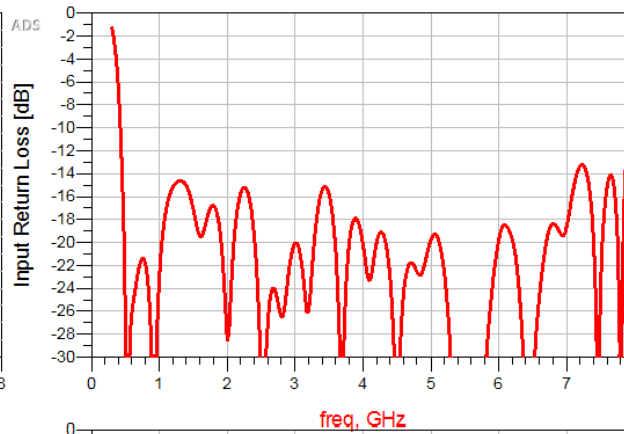
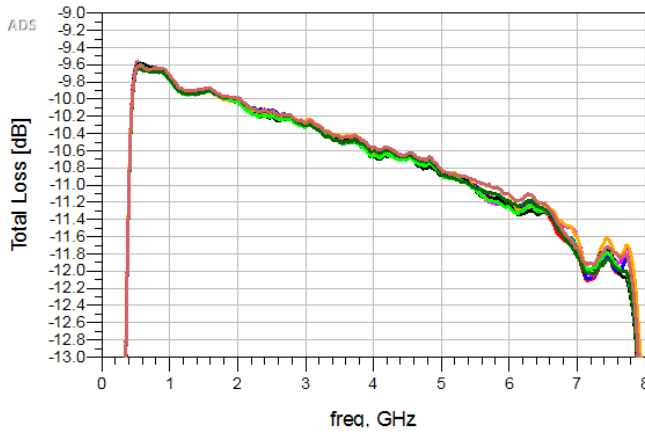


Total Loss is shown below, **NOT** Insertion Loss.

Evaluation board losses are also included in the Total Loss measurements (evaluation board loss is equivalent to 0.2 dB at 6 GHz)

To derive Splitter **Insertion Loss**, add **9.2 dB** (9 dB is the ideal 8-Way Splitter Loss + 0.2 dB is the evaluation board loss)

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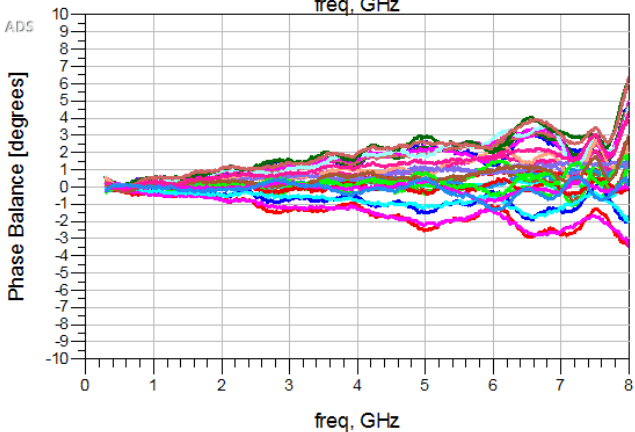
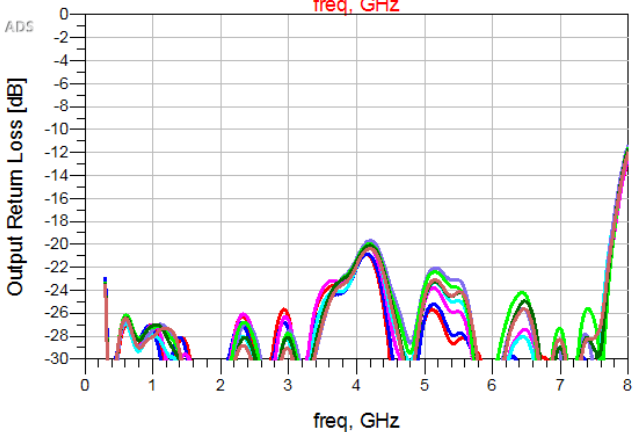
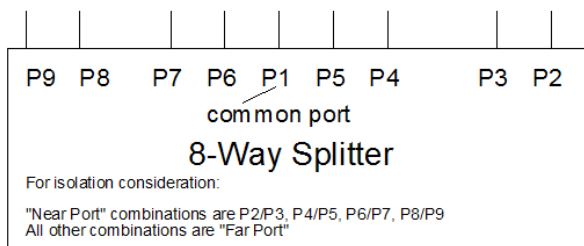
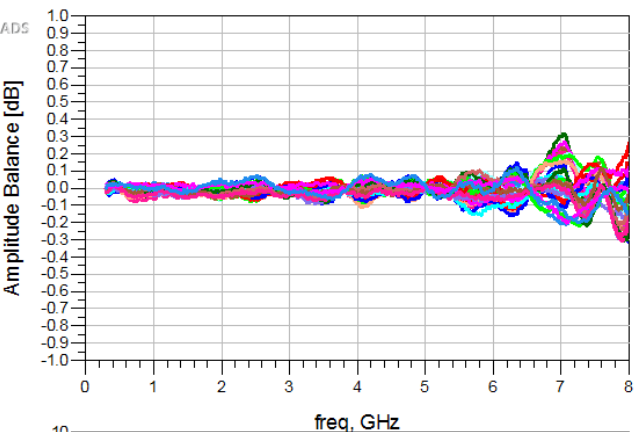
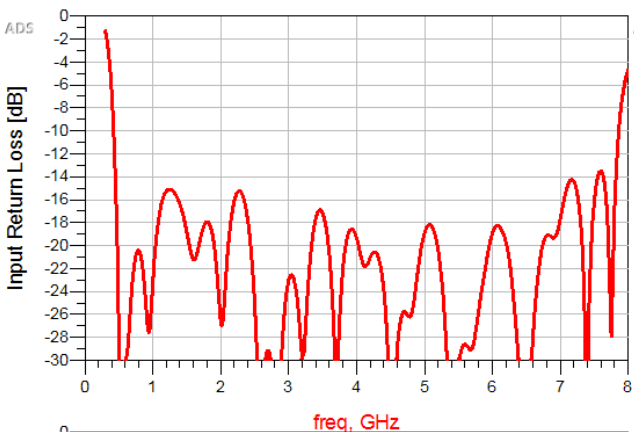
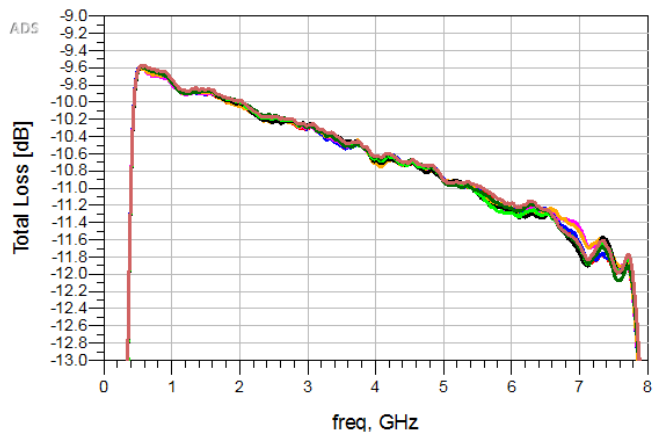


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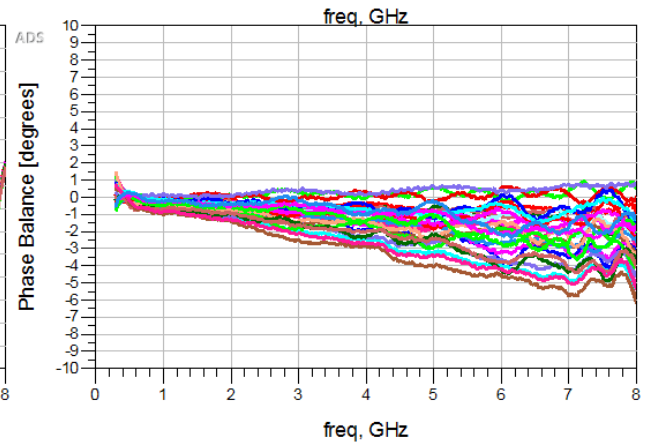
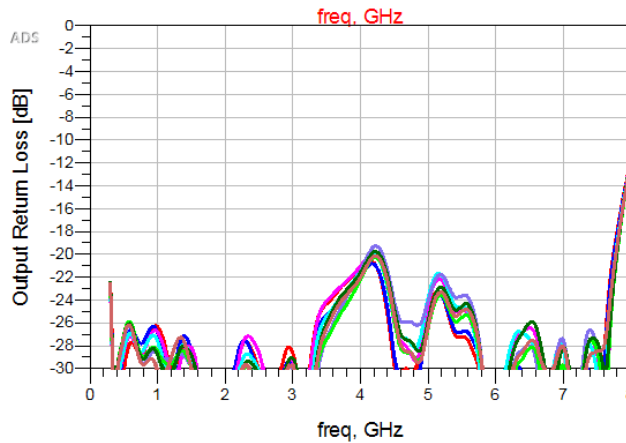
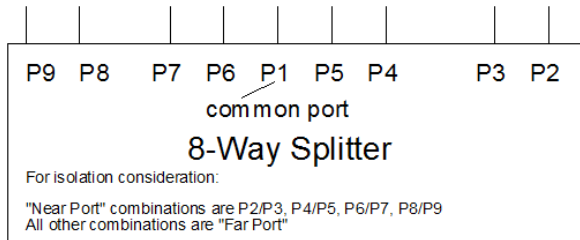
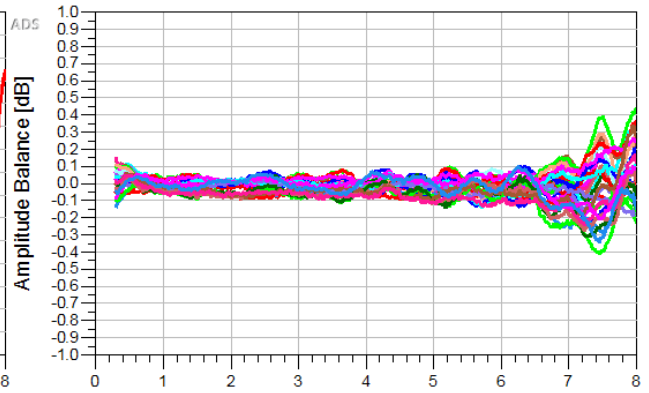
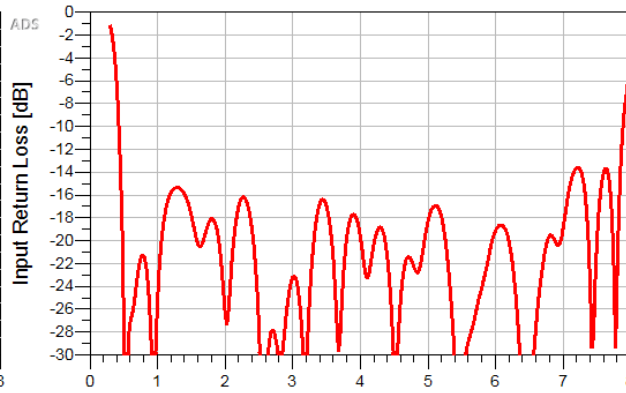
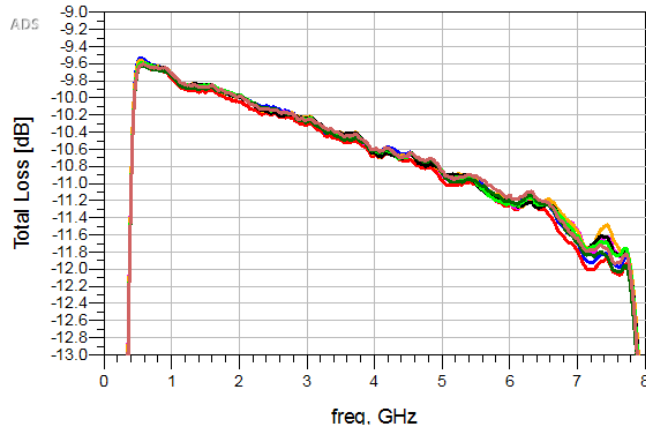


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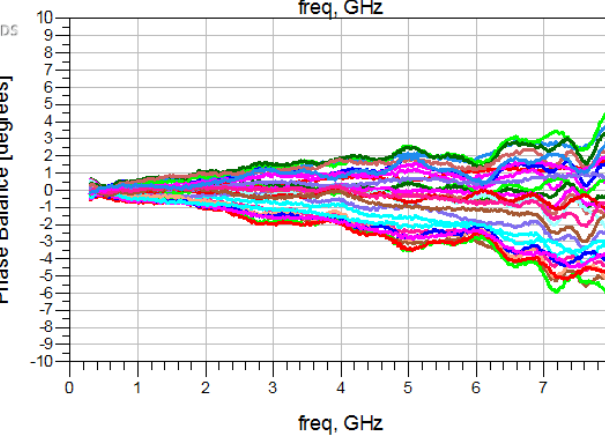
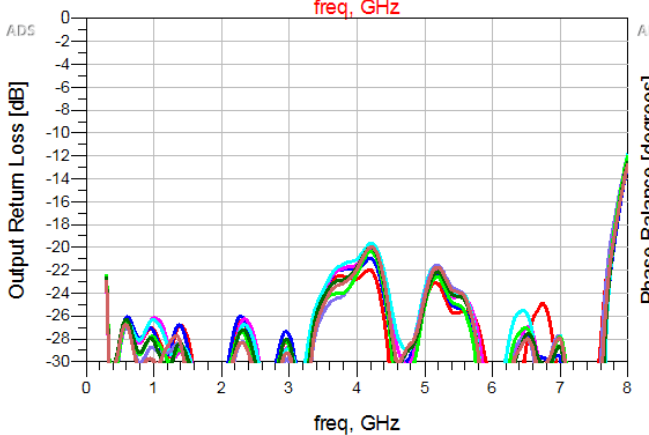
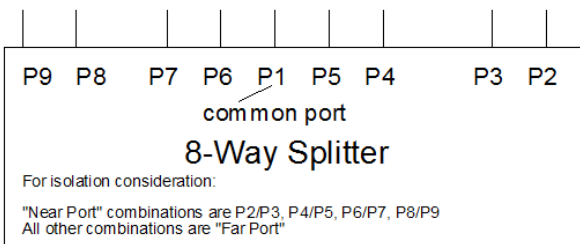
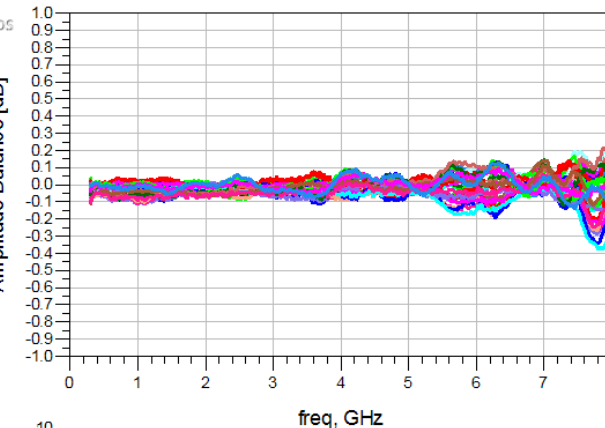
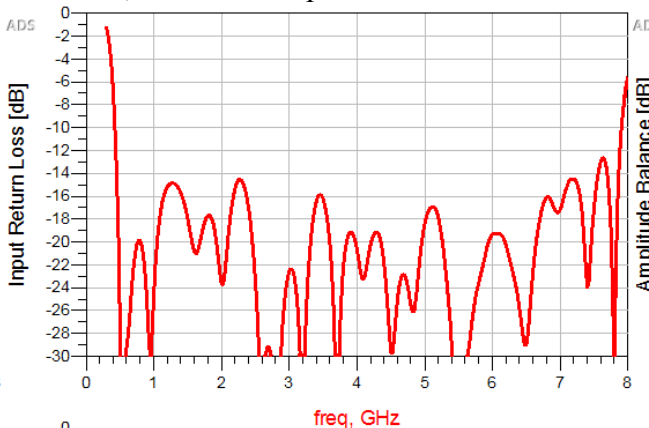
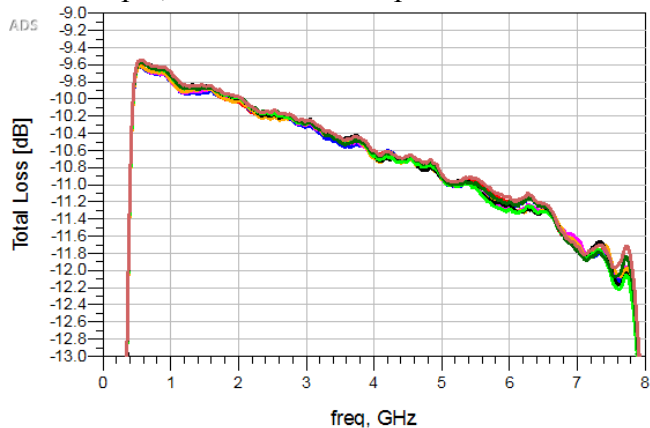


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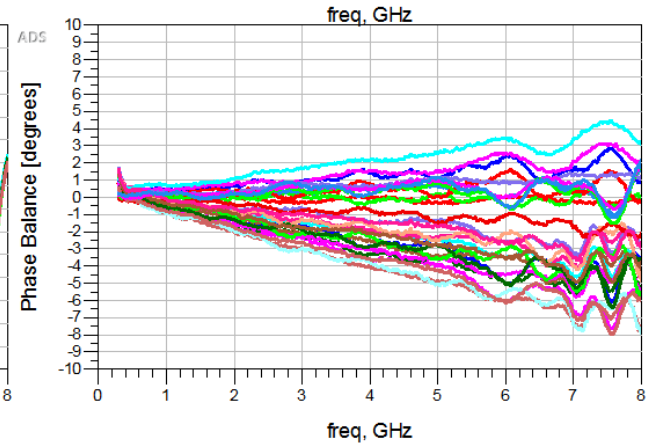
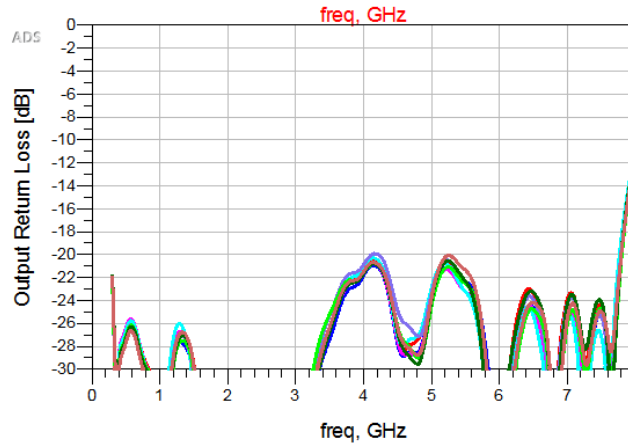
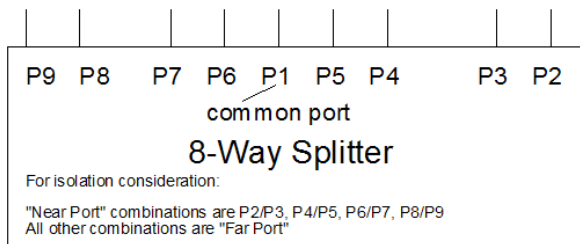
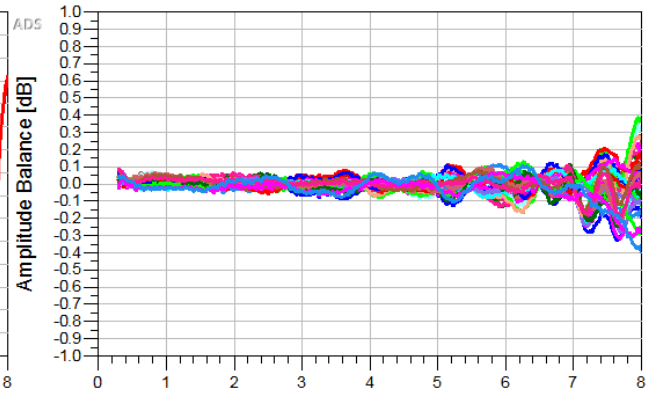
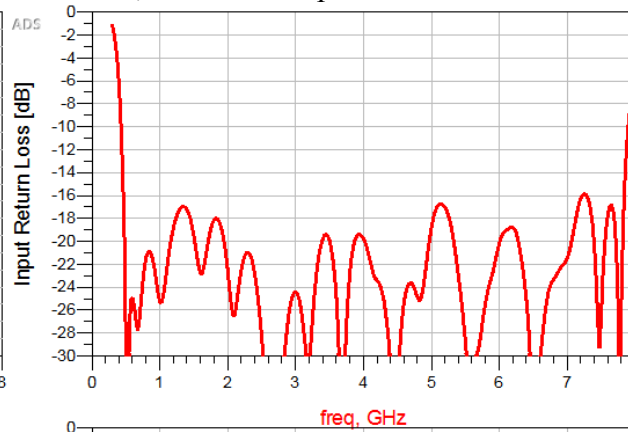
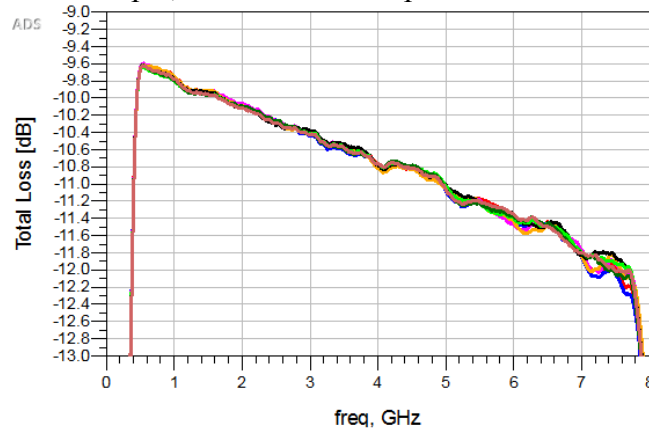


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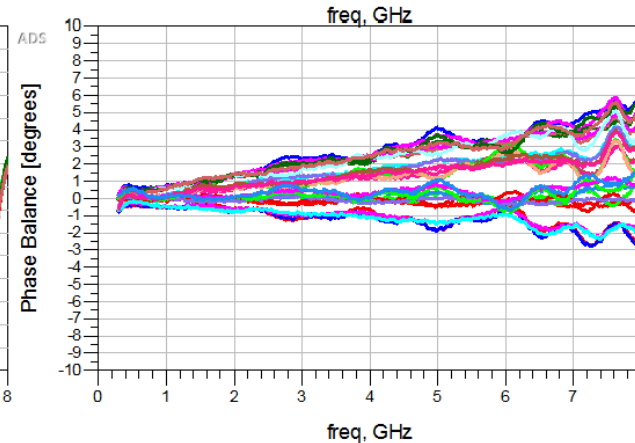
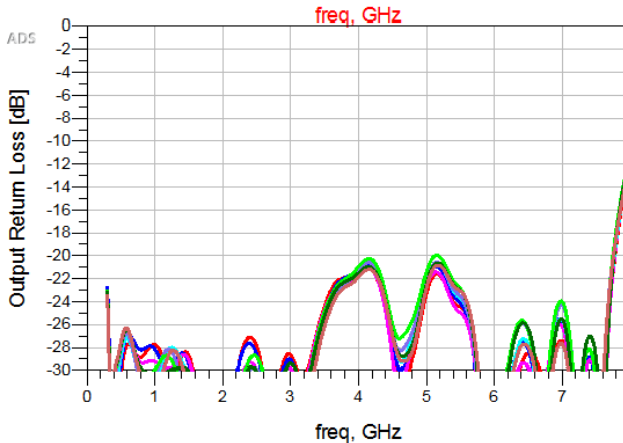
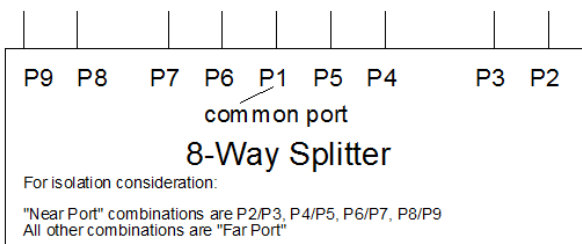
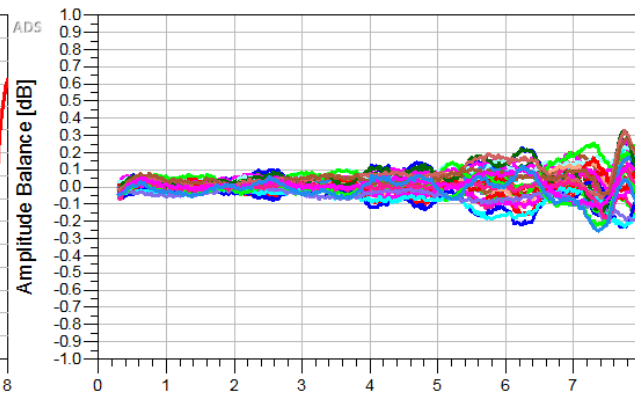
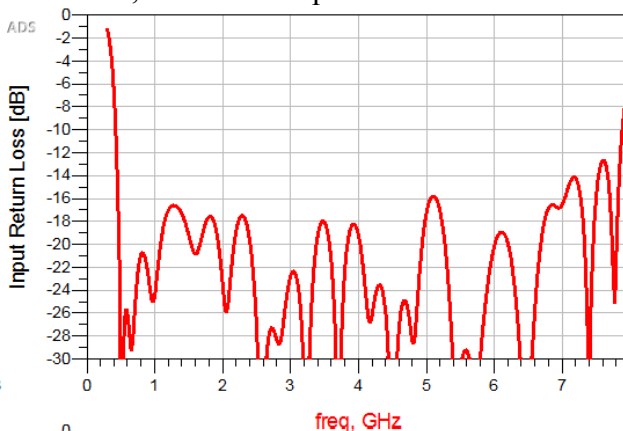
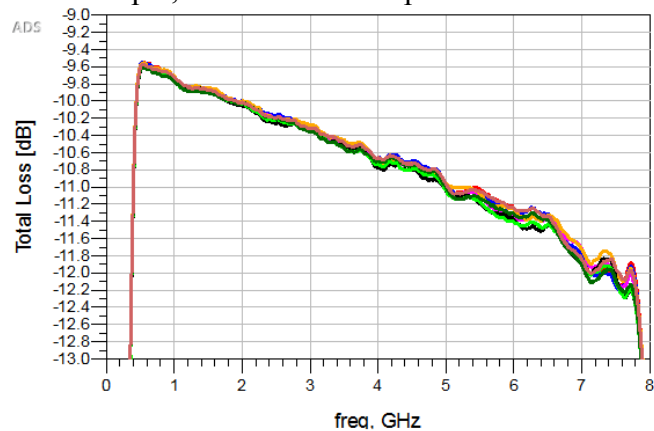


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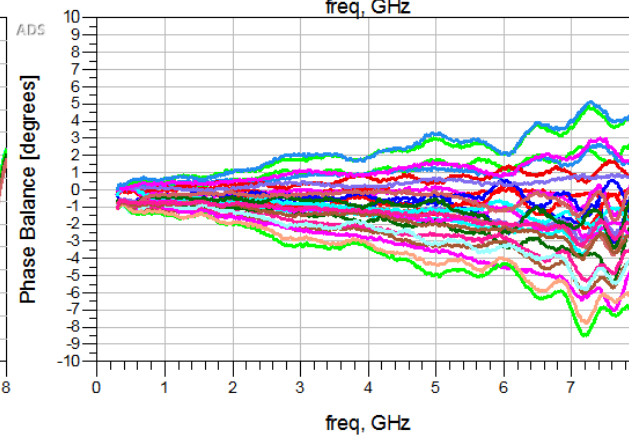
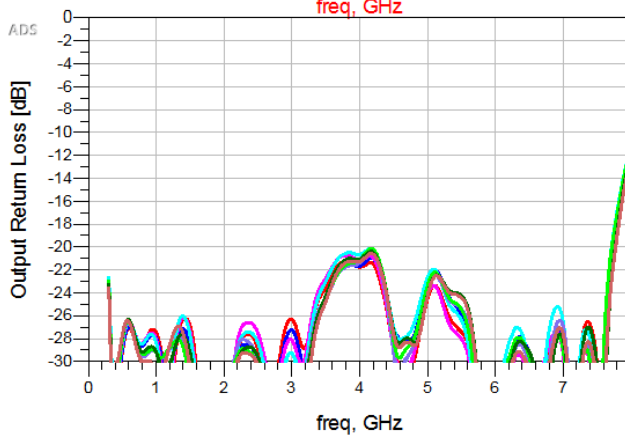
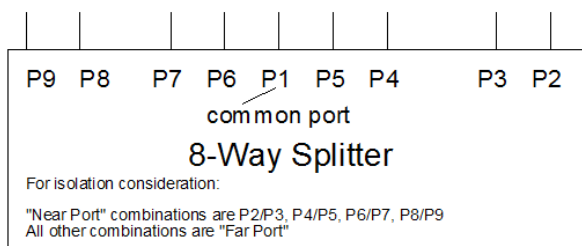
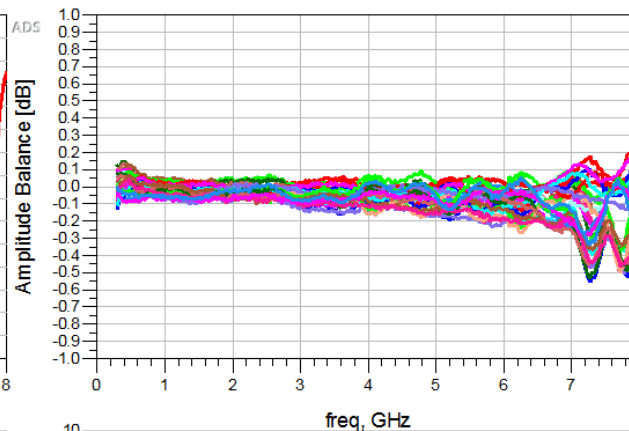
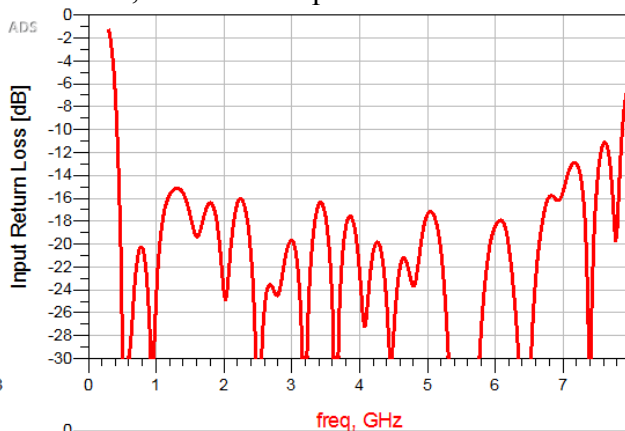
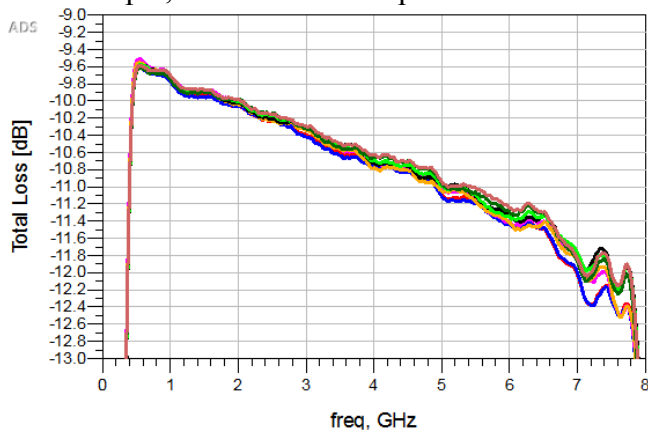


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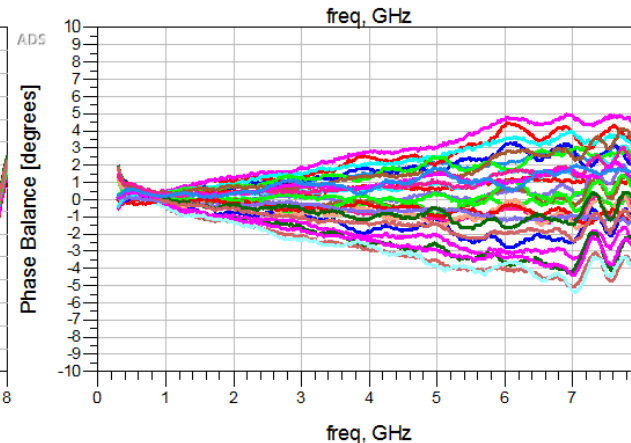
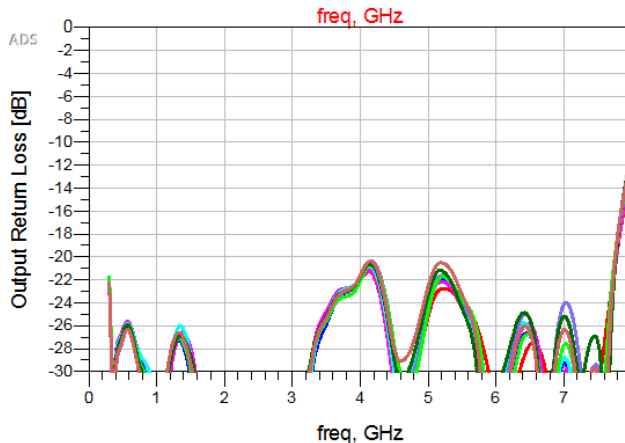
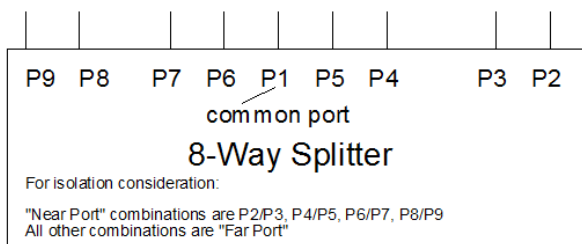
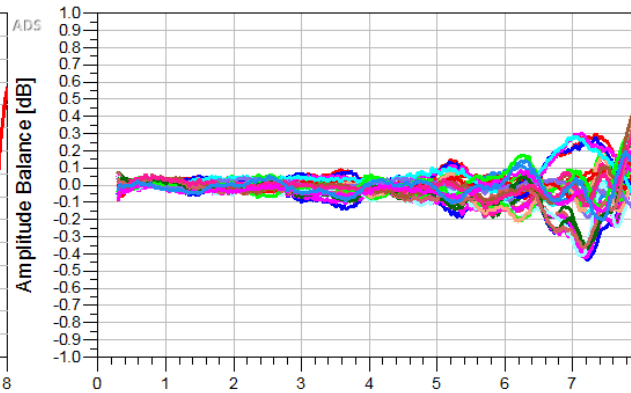
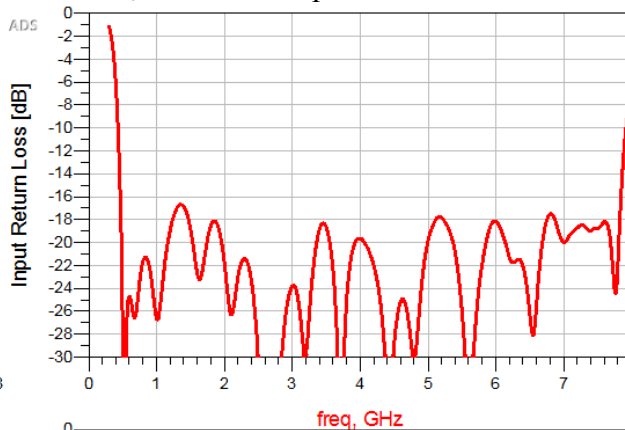
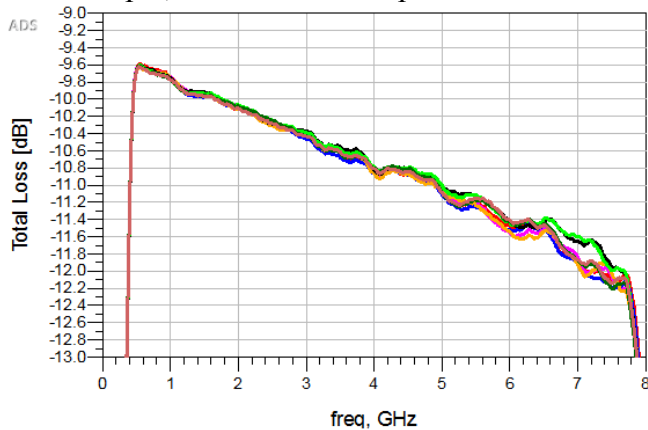


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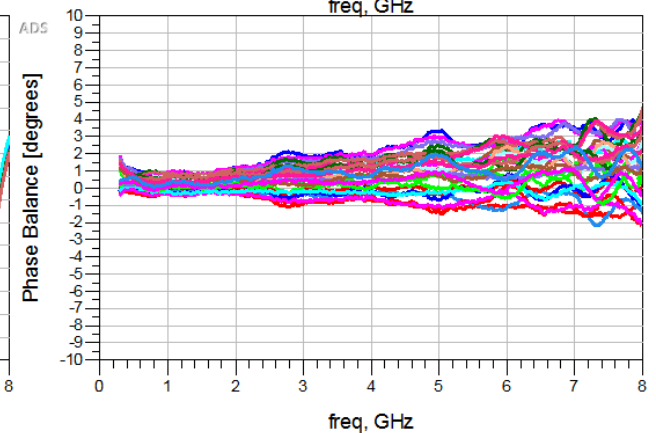
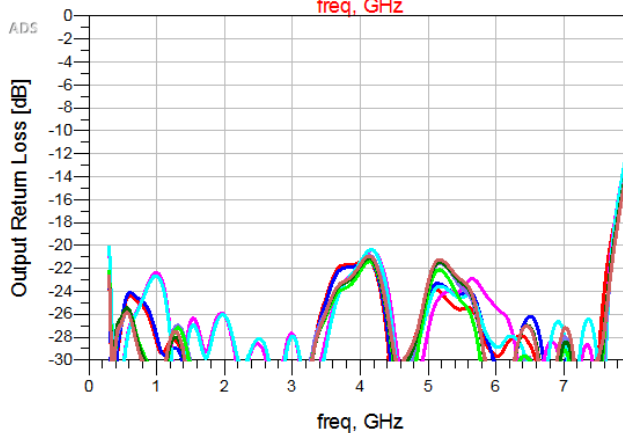
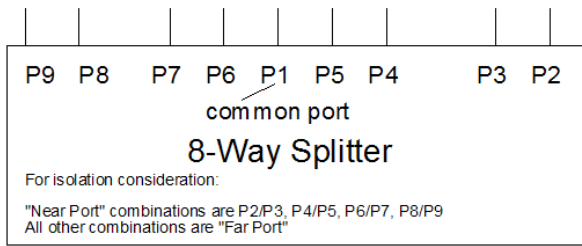
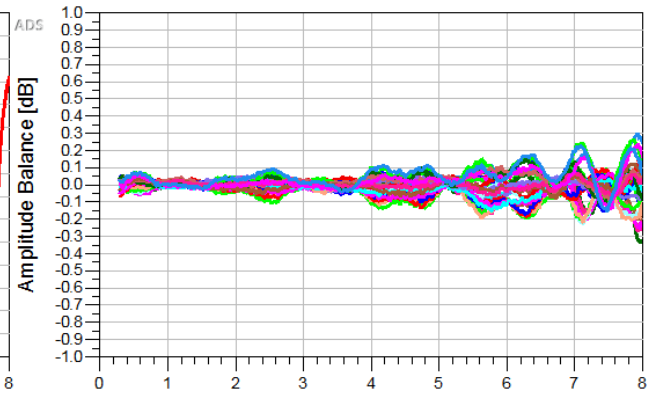
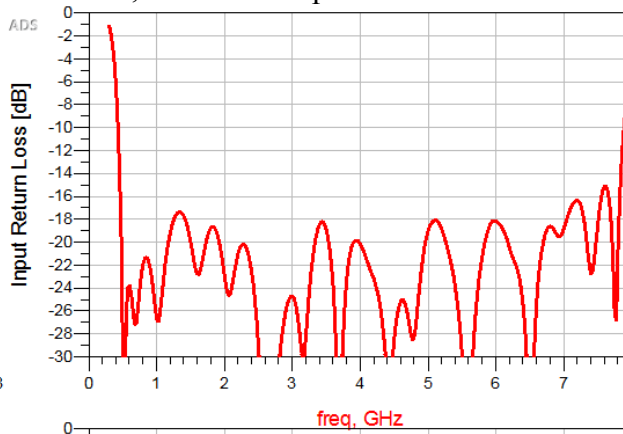
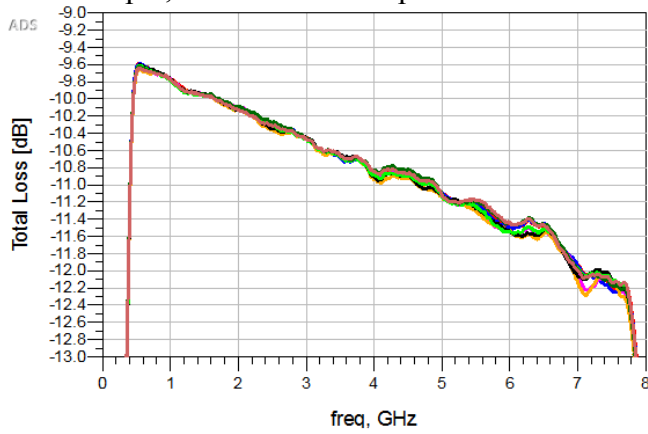


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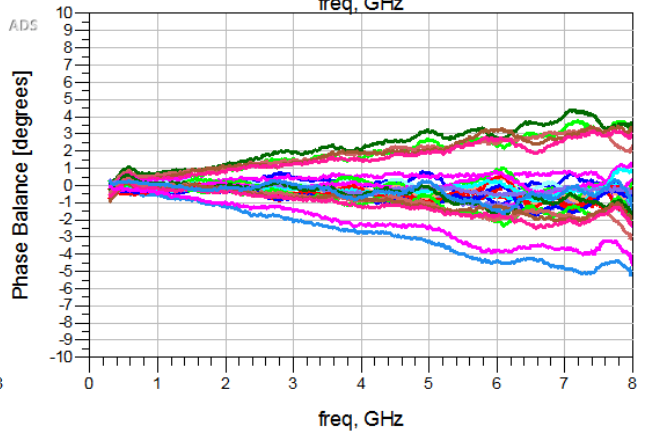
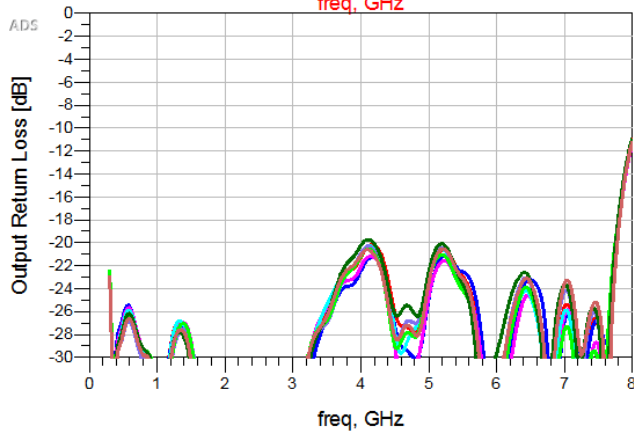
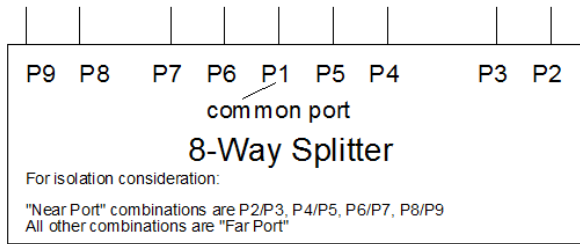
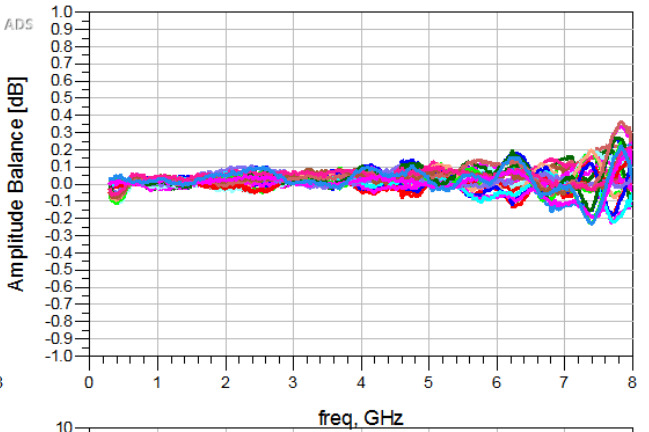
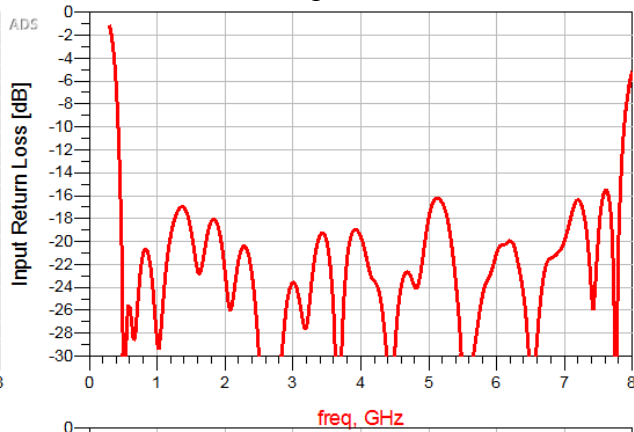
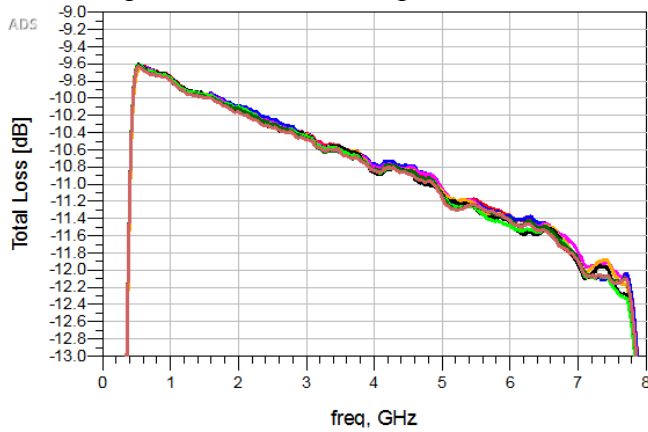


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Typical Isolation For All Units:

