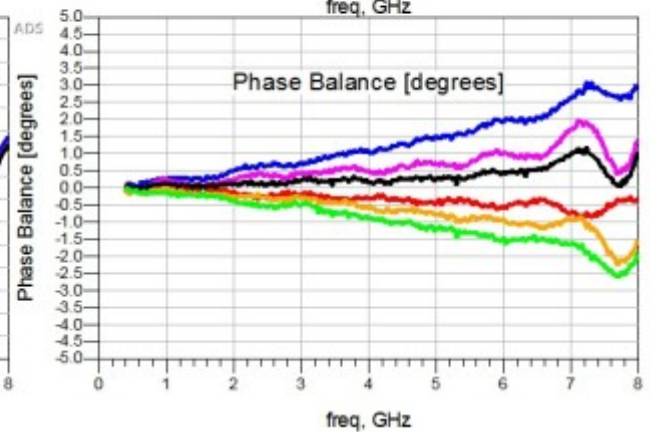
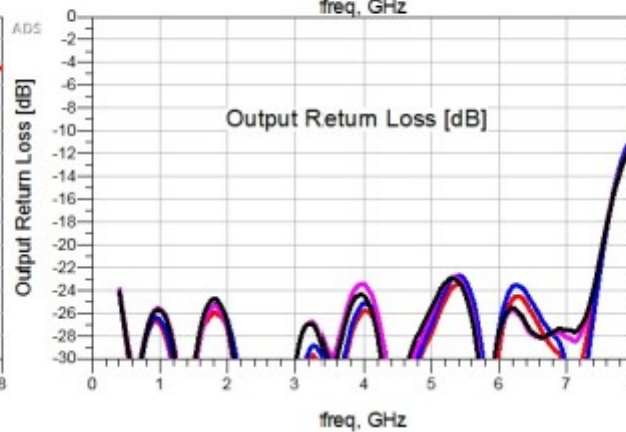
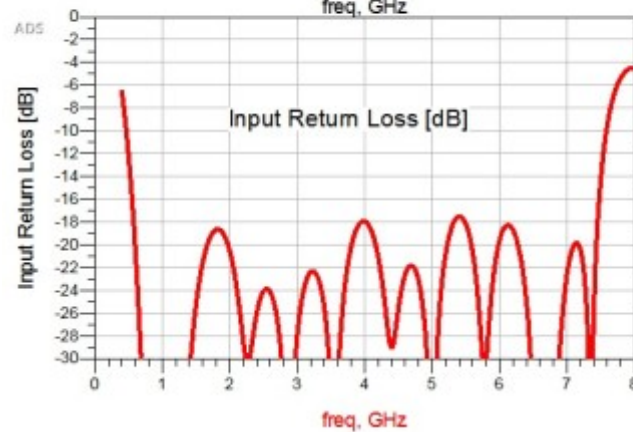
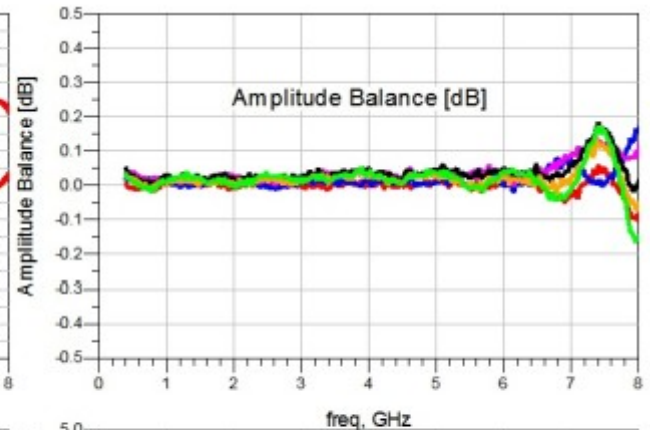
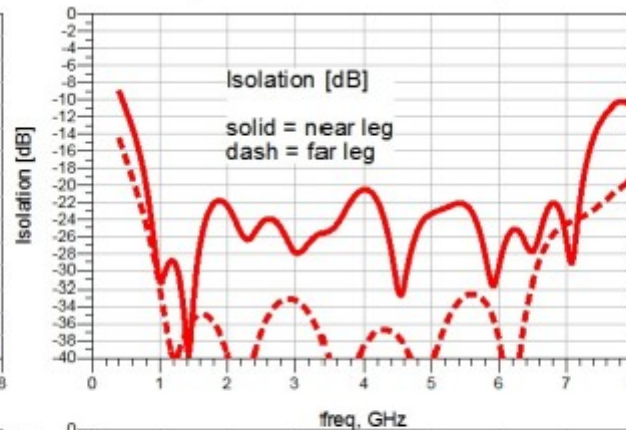
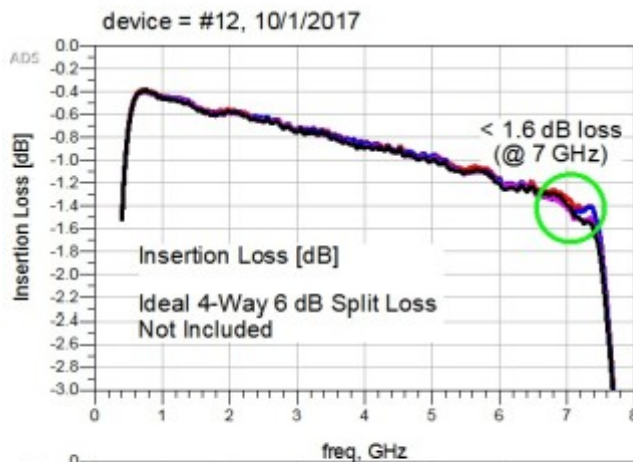
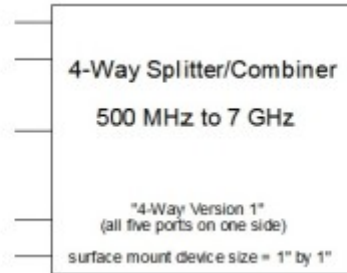
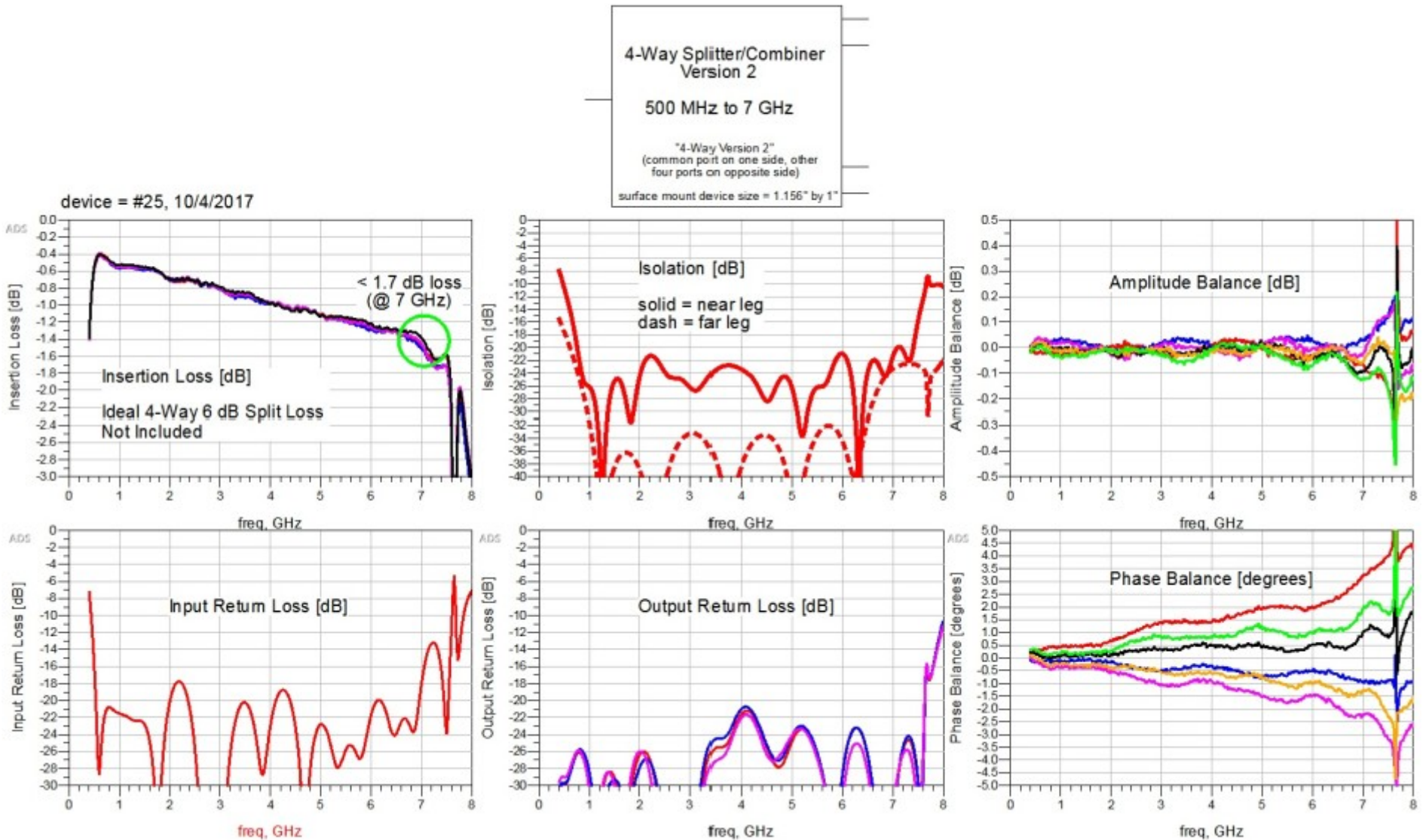


Shown below are S-Parameters for the Improved 4-Way Version 1 Surface Mount RF Splitter. The Insertion Loss at 7 GHz is 1.4 dB. Version 1 has all five ports on one side of the device.



Shown below are S-Parameters for the Improved 4-Way Version 2 Surface Mount RF Splitter. The Insertion Loss at 7 GHz is 1.5 dB. Version 2 has the common port on opposite side of the other four ports.



Evaluation Board - For All Three Surface Mount RF Splitters

As shown below, a single evaluation board for testing all three of BBTLin's RF Splitters is available. The evaluation board includes "Pressure Plates". These plates create an RF-quality ground connection between the Surface Mount Splitter ground planes and the evaluation board ground plane without having to solder the ground planes together. Only the RF signal traces have to be soldered. The evaluation board has 13 male SMP smooth bore connectors.

