

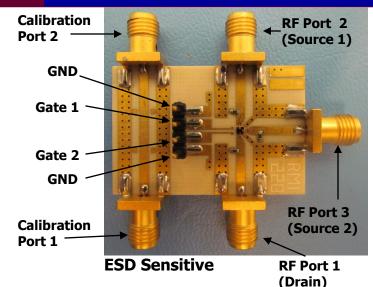
RMSW220HP-EV12 Evaluation Test Board DC to 14 GHz for RMSW220HP

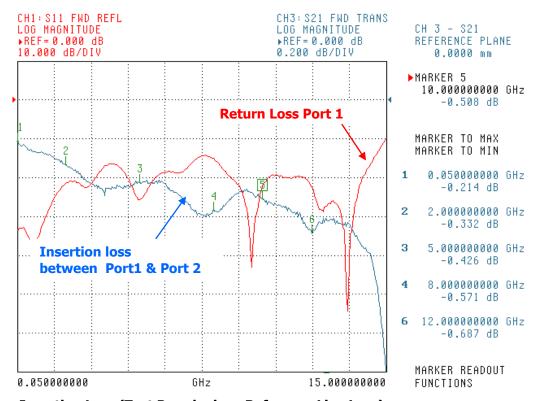
General Description

The evaluation test board has one RMSW220HP SPDT RF switch connected to three SMA RF connectors, as well as a calibration line. The board requires an external supply to provide the gate actuation voltage.

External DC ground return resistors are provided on the board.

This evaluation board operates at a reduced frequency range in comparison to the native device due to design and material limitations of the evaluation board.





Insertion Loss (Test Board minus Reference Line Loss)

Gate 1	Gate 2	RF Port 2	RF Port 3
+/- 90 V	0 V	ON	OFF
0 V	+/- 90 V	OFF	ON

RADANT MEMS INC.

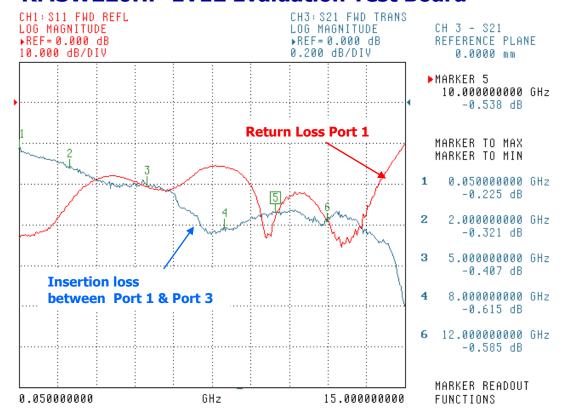
■ Phone: 978-562-3866

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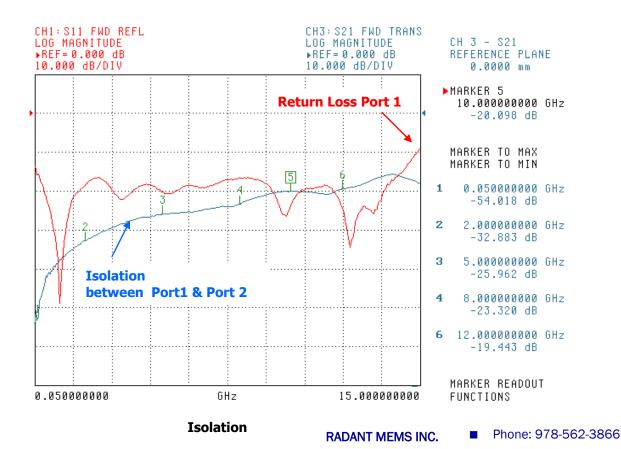
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RMSW220HP-EV12 Evaluation Test Board



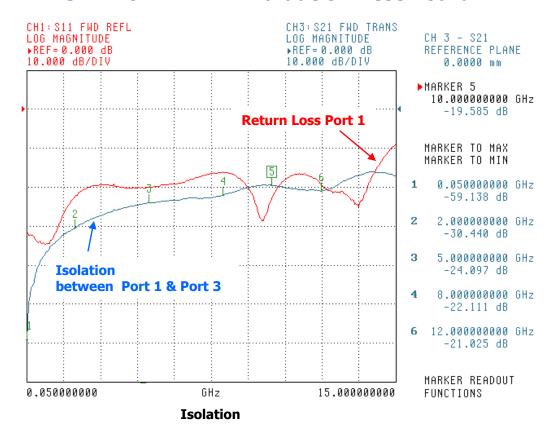
Insertion Loss (Test Board minus Reference Line Loss)

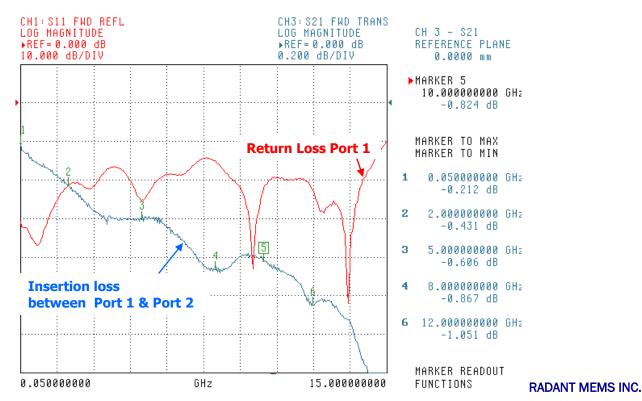


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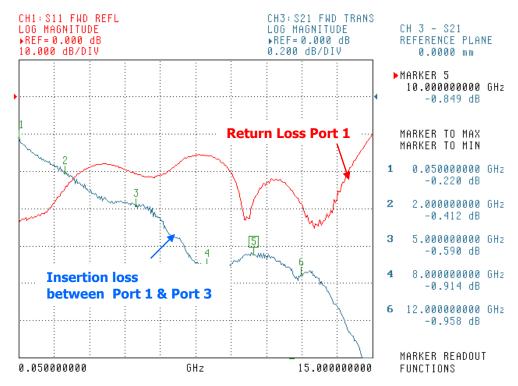




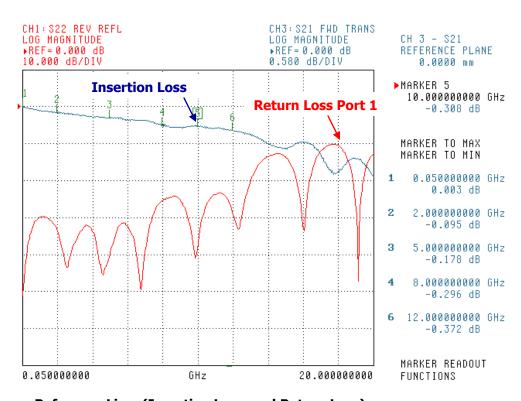
Insertion loss (including transmission lines, connectors and bond-wires)

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RMSW220HP-EV12 Evaluation Test Board



Insertion loss (including transmission lines, connectors and bond-wires)



Reference Line (Insertion Loss and Return Loss)

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