

Insertion Loss Data

Component: BB0502X7R104M16V820
Global Part Number: MBB0502X104MGP5N8-

Measurement performed from 0.500~15GHz

Calibration Type: TRL
Calibration Standard: ICM TRL-1004A
VNA: HP 8510C
Test Fixture: ICM 7mm Series Thru

Measurement performed from 30kHz~0.5GHz:

Calibration Type: SOLT
Calibration Standard: ICM TRL-1004A
VNA: HP 8753
Test Fixture: ICM 7mm Series Thru

Capacitor Measurements for 1~100 MHz:

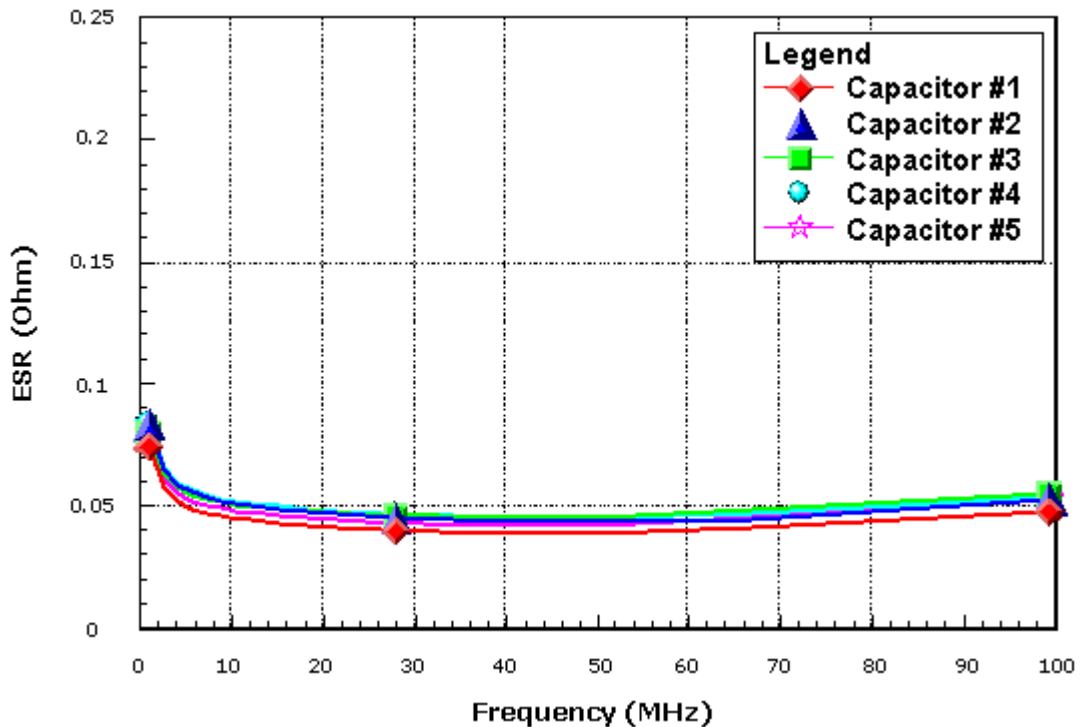


Figure 1 - Effective Series Resistance for Capacitor BB0502X7R104M16V820

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Capacitor Measurements for 30 kHz~15GHz:

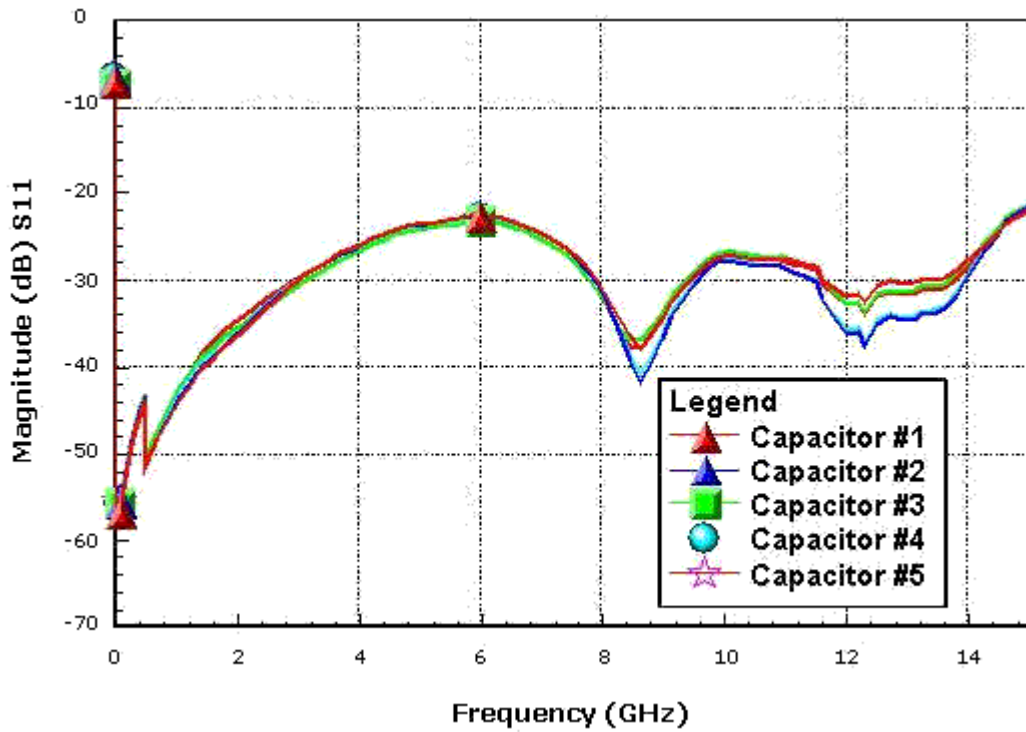


Figure 2 - Magnitude (dB) of S11 for Capacitor BB0502X7R104M16V820 (Linear)

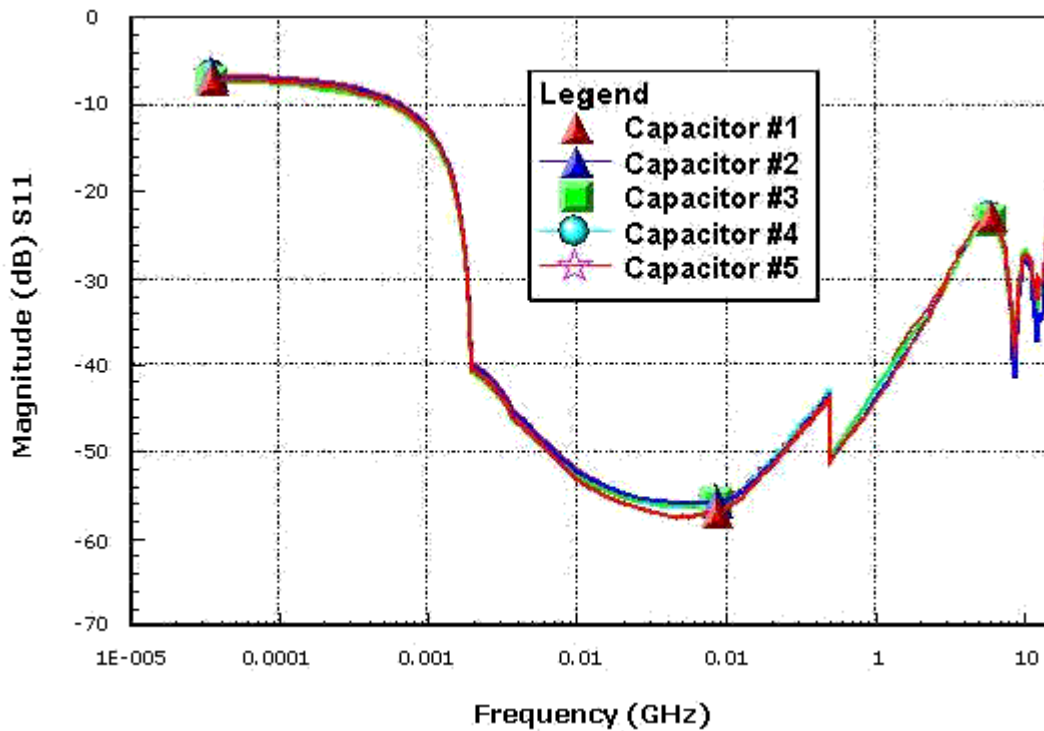


Figure 3 - Magnitude (dB) of S11 for Capacitor BB0502X7R104M16V820 (Log)

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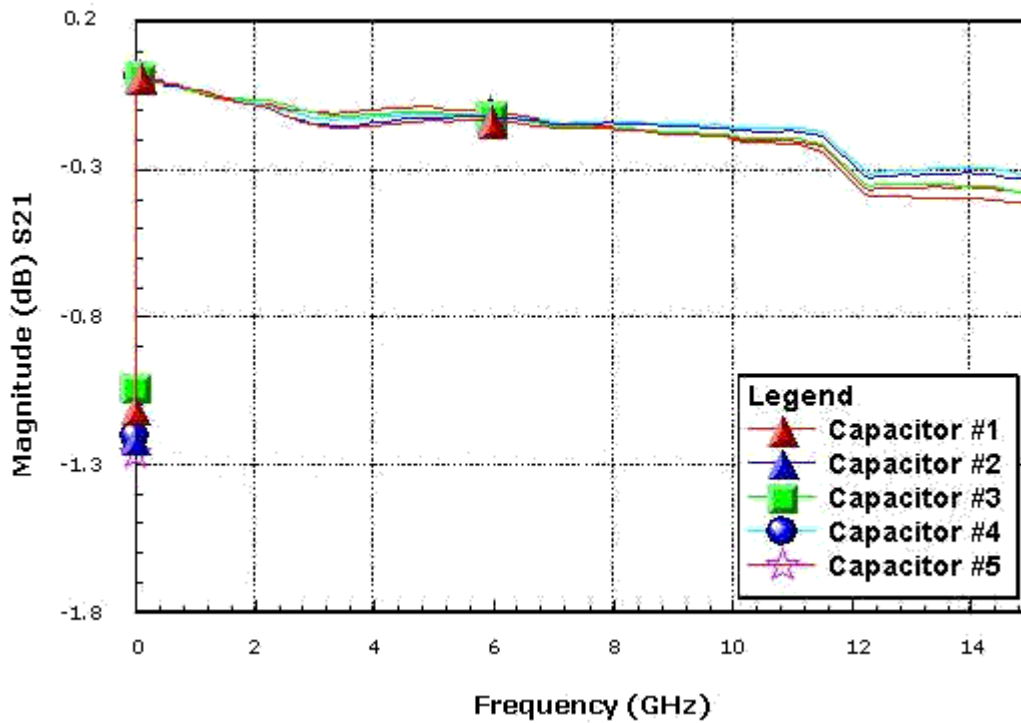


Figure 4 - Magnitude (dB) of S21 for Capacitor BB0502X7R104M16V820 (Linear)

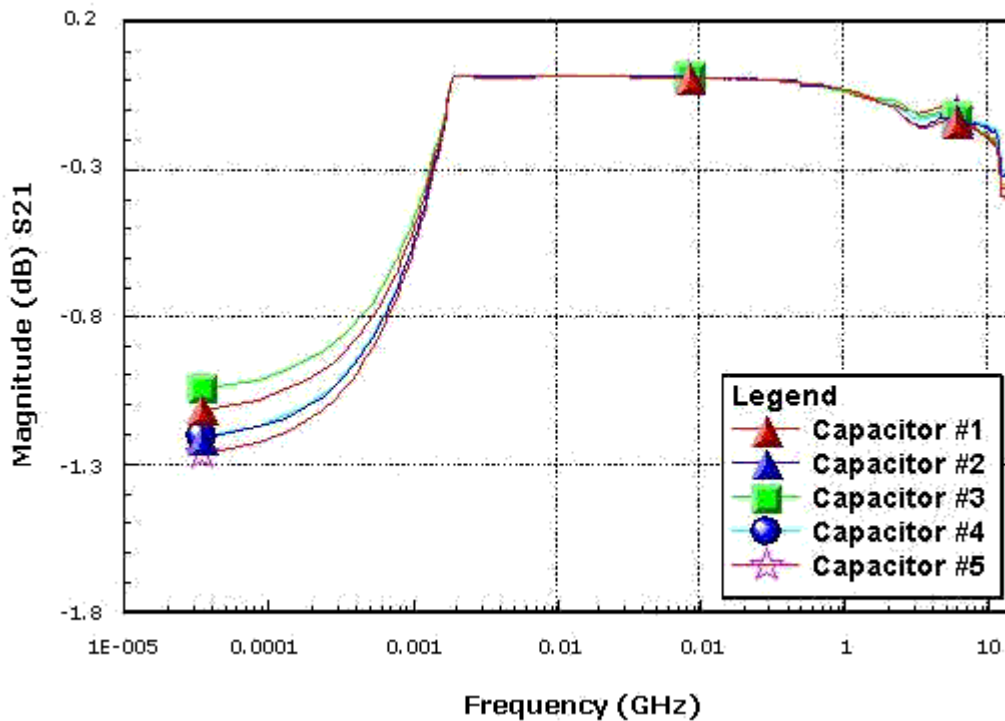


Figure 5 - Magnitude (dB) of S21 for Capacitor BB0502X7R104M16V820 (Log)

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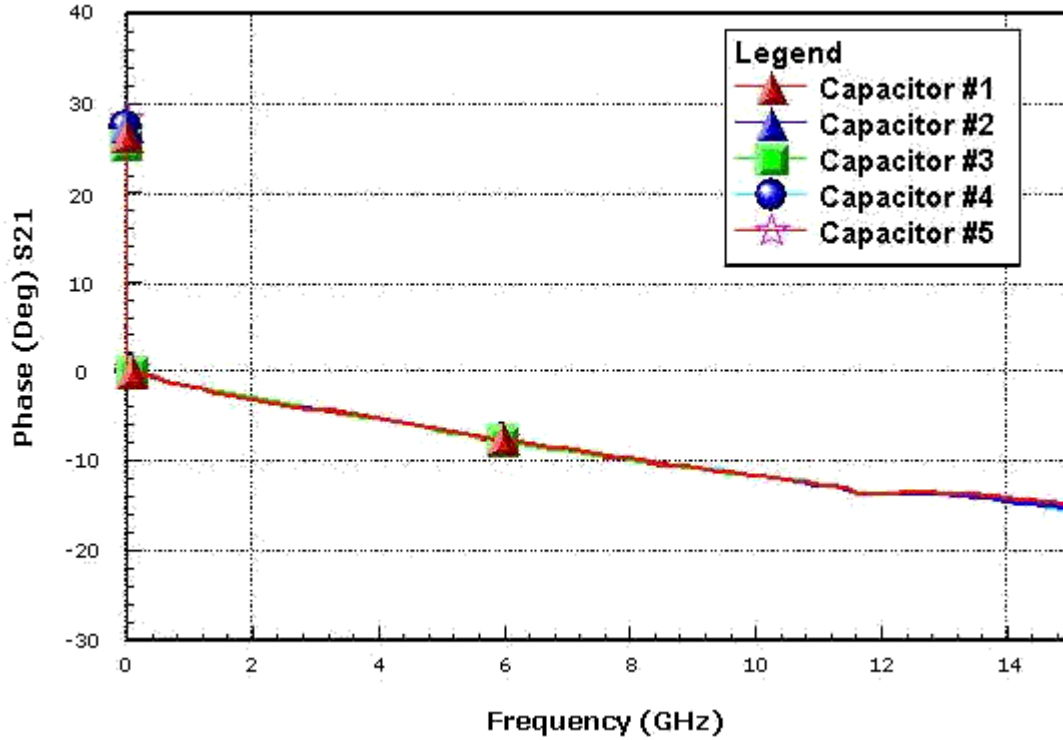


Figure 6 - Phase (degree) of S21 for Capacitor BB0502X7R104M16V820 (Linear)

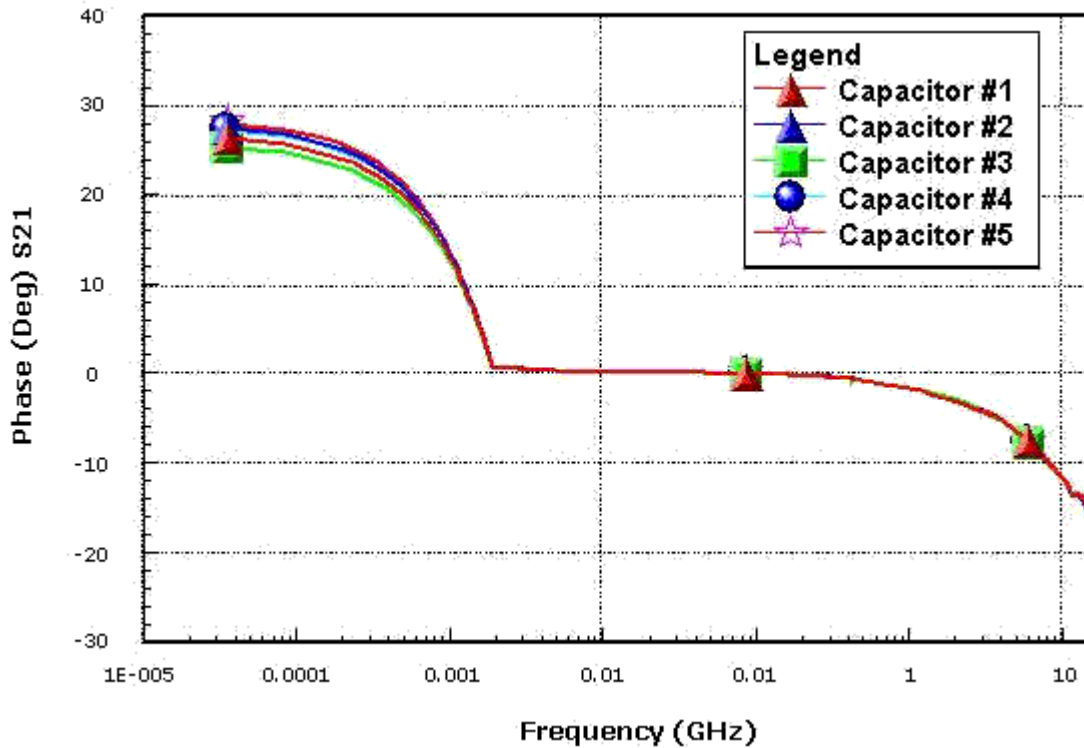


Figure 7 - Phase (degree) of S21 for Capacitor BB0502X7R104M16V820 (Log)

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Test Measurements and Modeling Services Provided by [Modelithics](#).

