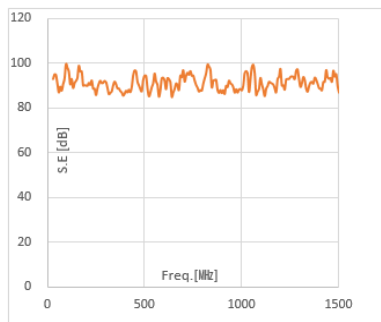


■ Measuring the Shielding Effectiveness(SE) of Planar Materials (ASTM D4935, EM-2108))

◆ Shielding Effectiveness (SE)

[Up to 1.5GHz (ASTM D4935)]



● Shielding Effectiveness(SE)

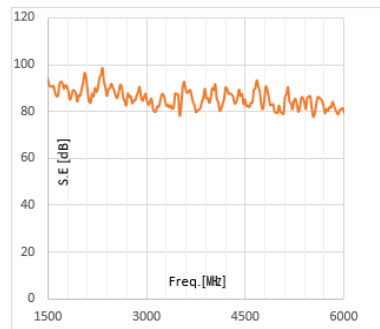
$$SE = 10 \log \frac{P_1}{P_2} ; SE = 20 \log \frac{V_1}{V_2}$$

where :

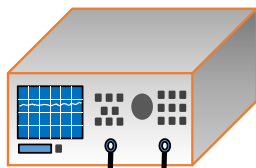
$P_1 (V_1)$ = received power(Voltage)
with the material preset

$P_2 (V_2)$ = received power(Voltage)
without the material preset

[1.5~10GHz (EM-2108)]

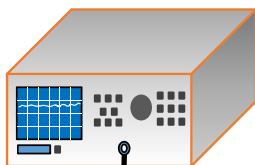


NETWORK ANALYZER



Test fixture("A")

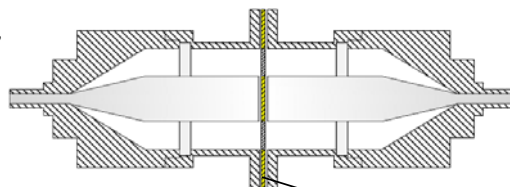
SPECTRUM ANALYZER



Signal generator

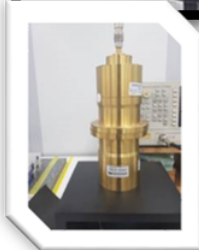


"A"



DUT & Reference sample

● Up to 1.5GHz



● 1.5GHz~10GHz

