

----- ANTRUM LTD -----
SPLIT WAVEGUIDE CAVITY MODE-5 SN-202012b
Sample thickness range 0.1 - 4.0 mm
Closed cavity: freq = 10.6319 GHz 3dBBW < 2.000 MHz Q = 5316

SAMPLE NAME Test

SAMPLE-FILLED W/G INPUTS

RESONANT FREQUENCY in GHz 9.813
3 dB bandwidth in MHz 12

AIR-FILLED W/G INPUTS

RESONANT FREQUENCY in GHz 10.314
3 dB bandwidth in MHz 1.89
QLO = 5457 QLS = 818

SAMPLE THICKNESS (mm) 1.5
AIR FILLED CAVITY: EREAL = 1.000 TANDELTA = 9.045e-07

SAMPLE FILLED CAVITY
FREQ 9.8130 DF 12.000 QLS 818 TH 1.500 EREAL 8.470 TAND 1.338e-02

...repeat with new sample thickness? return or Ctrl+C to end

SAMPLE THICKNESS (mm) 1.48
AIR FILLED CAVITY: EREAL = 1.000 TANDELTA = 9.165e-07

SAMPLE FILLED CAVITY
FREQ 9.8130 DF 12.000 QLS 818 TH 1.480 EREAL 8.584 TAND 1.340e-02