

# SGC Technologies, Inc.

## PRODUCT SPECIFICATION FOR INFORMATION

**PRODUCT NAME: SBP-8R8 TYPE**

**PART NO: SBP-8R8-2162BP15G**

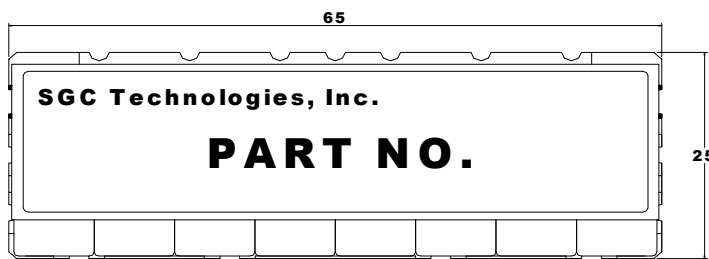
Center frequency	2162.5MHz
Pole	8
Band width (BW)	$F_o \pm 7.5\text{MHz}$
Insertion Loss	10.0 dB max
VSWR in BW	2.0 max
Ripple in BW	3.0 dB max
Attenuation	30 dBc min at $F_o \pm 15\text{MHz}$
In/Out Impedance	50 ohm

**NOTE:**

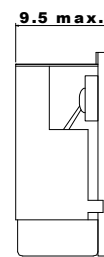
EQUIPMENT used :HP 8753D

**DIMENSION:**

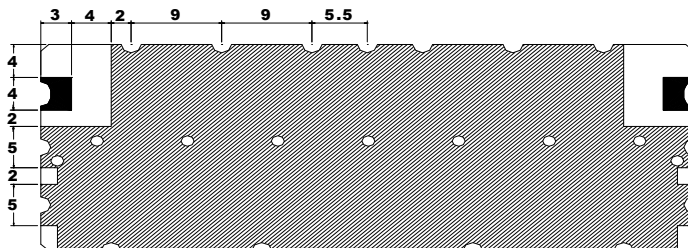
**TOP VIEW**



**SIDE VIEW**



**BOTTOM VIEW**

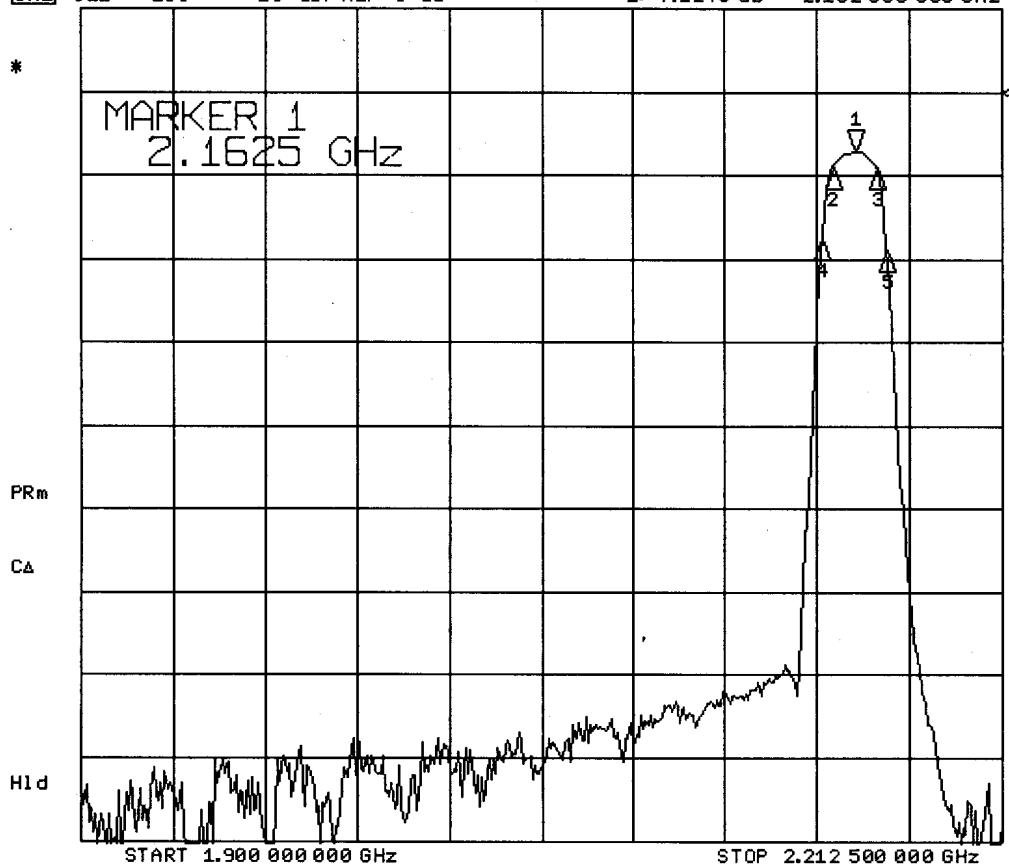


**TOLERANCE UNLESS OTHERWISE SPECIFIED : ±0.3**  
**DIMENSIONS : mm**

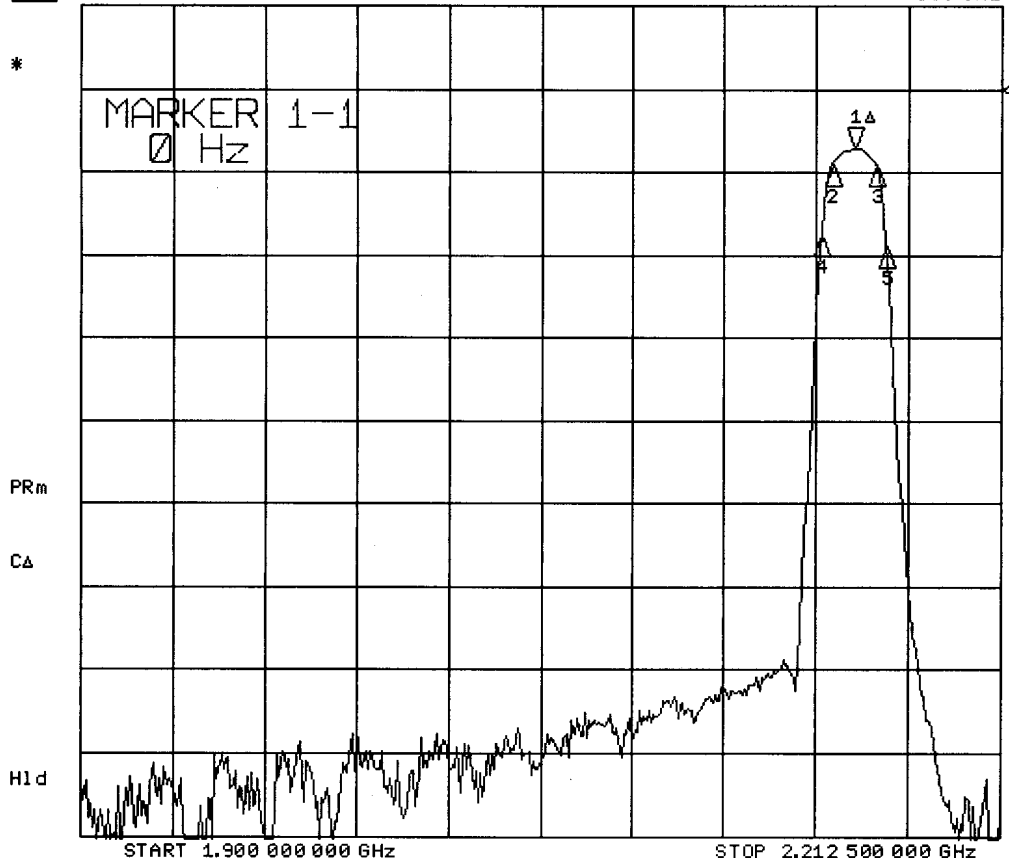
 **GROUND**  
 **I/O PORT**

# SBP-8R8-2162BP15G

CH2 S21 LOG 10 dB/REF 0 dB 1:-7.1240 dB 2.162 500 000 GHz

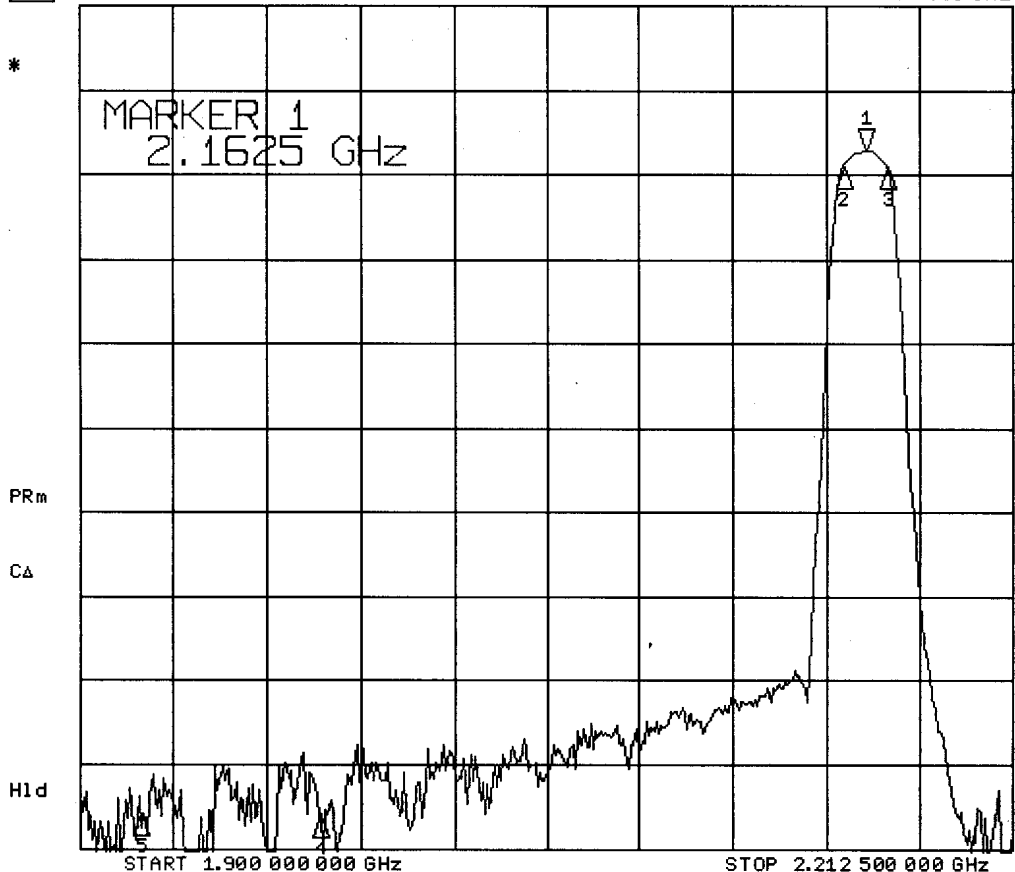


CH2 S21 LOG 10 dB/REF 0 dB 1: 0.0000 dB 0.000 000 000 GHz



# SBP-8R8-2162BP15G

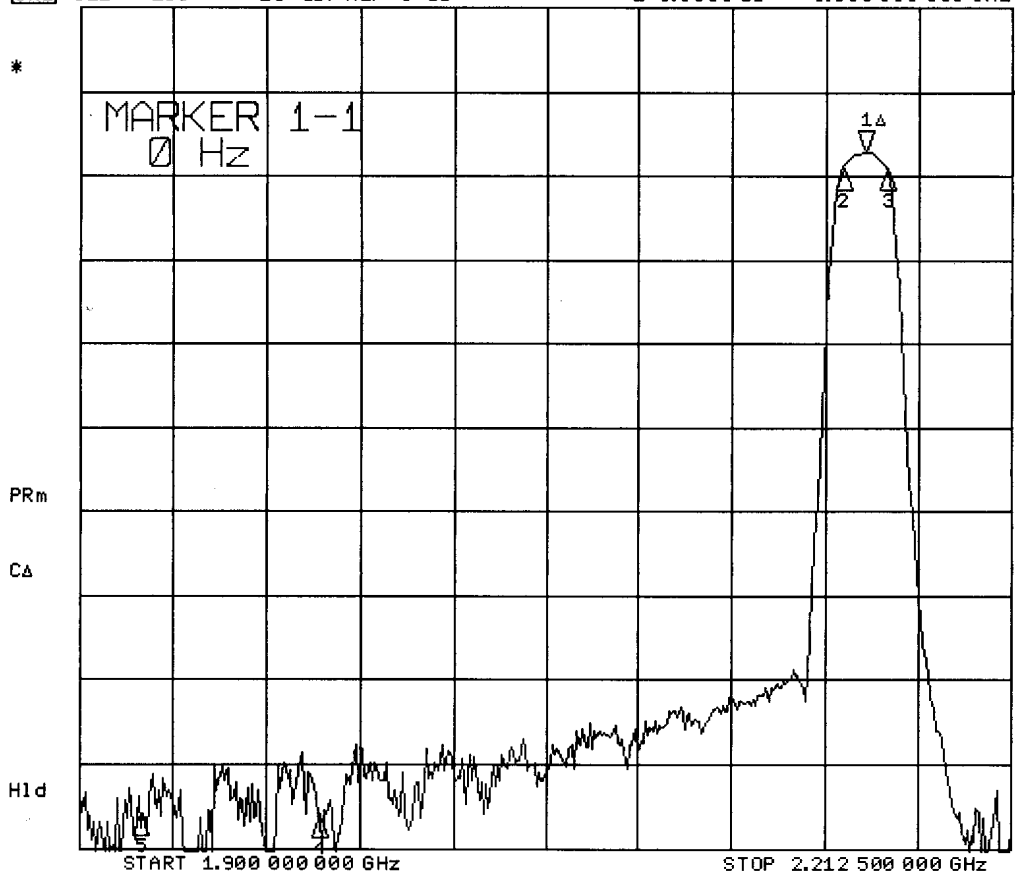
CH2 S21 LOG 10 dB/REF 0 dB 1:-7.1240 dB 2.162 500 000 GHz



CH2 Markers

1:	-9.1860 dB	2.15500 GHz
2:	-9.2210 dB	2.17000 GHz
4:	-86.313 dB	1.98000 GHz
5:	-86.054 dB	1.92000 GHz

CH2 S21 LOG 10 dB/REF 0 dB 1: 0.0000 dB 0.000 000 000 GHz



CH2 Markers  
ΔREF=1

1:	-2.0620 dB	-7.50000 MHz
2:	-2.0970 dB	7.50000 MHz
4:	-79.189 dB	-182.500 MHz
5:	-78.930 dB	-242.500 MHz