

# SGC Technologies, Inc.

DRAWN BY : SOONMI KIM

APPROVALBY: SOOBUM PARK

ISSUED DATE : 13/7/2002

## PRODUCT SPECIFICATION FOR INFORMATION

**CUSTOMER:** THE UNIVERSITY OF BOLOGNA, DEPT. OF RADIOASTRONOMY

**PRODUCT NAME:** SBP-3R6 TYPE

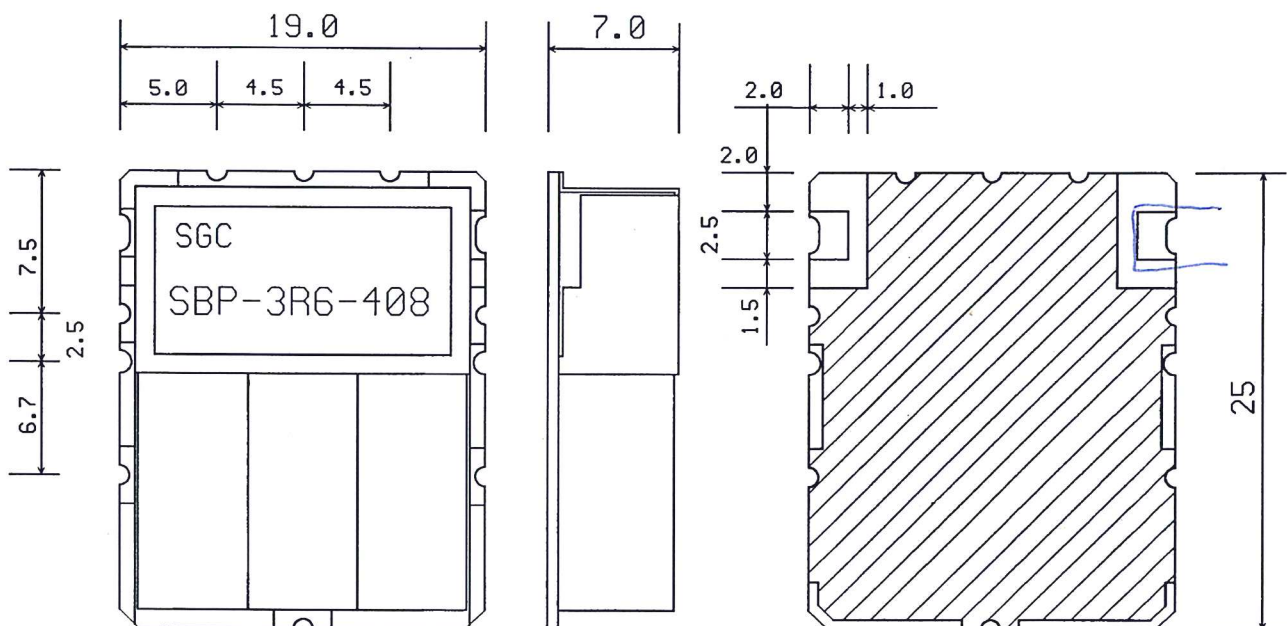
**PART NO:** SBP-3R6-408BP10M

Center frequency	408MHz
Pole	3
3dB Bandwidth(BW)	10 MHz MIN
Insertion Loss	5.0 dB MAX
VSWR in BW	1.5 MAX
Ripple in BW	0.5 dB MAX
Attenuation	30dB MIN at 348 MHz 30dB MIN at 470 MHz
Operating Temperature Range	-30°C to +85°C
In/Out Impedance	50 ohm

**NOTE:**

**EQUIPMENT used :HP 8753E**

**DIMENSION:**



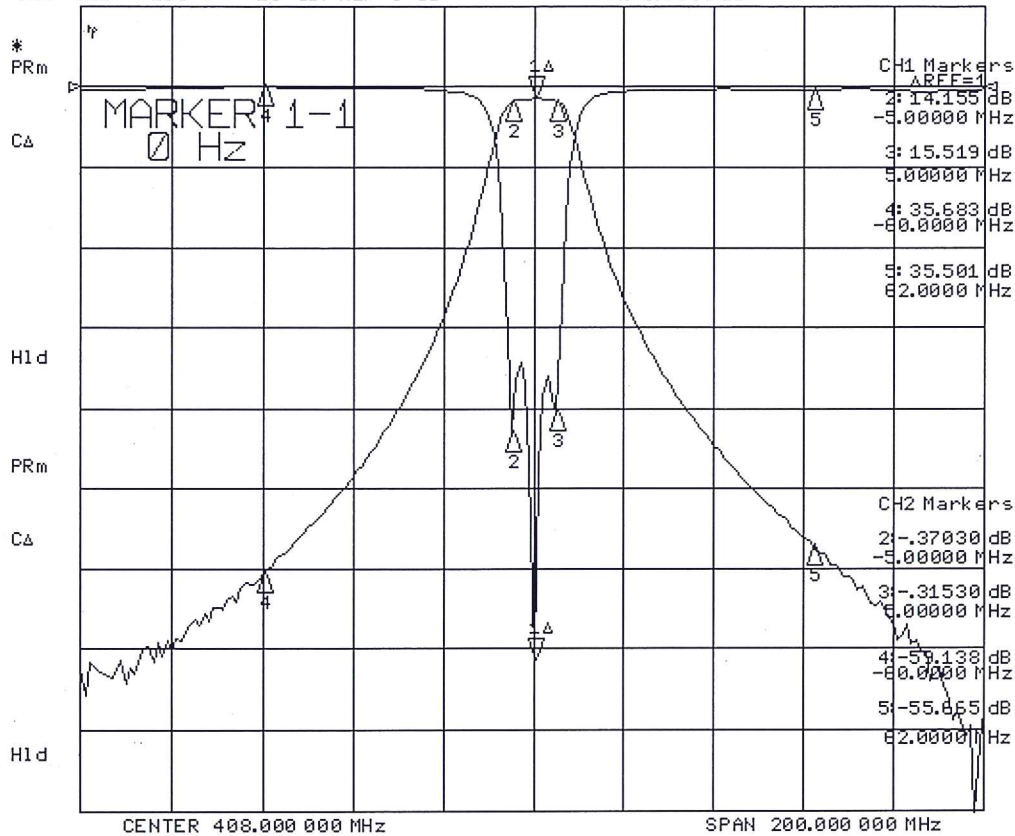
Tolerance Unless Specified :  $\pm 0.3$   
Unit : mm

11 Jul 2002 10:35:58

SBP-3Rb-408Bp10M

CH1 S11 LOG 5 dB/REF 0 dB  
CH2 S21 LOG 10 dB/REF 0 dB

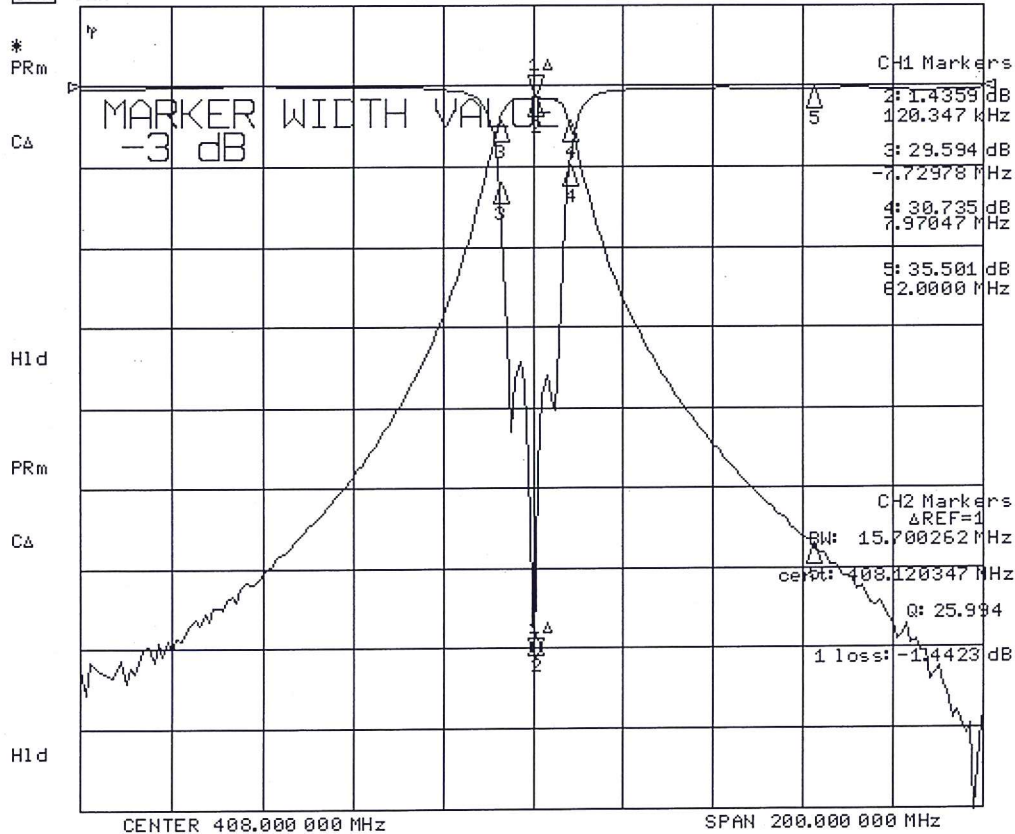
1: 0.0000 dB 0.000 000 MHz  
1: 0.0000 dB



11 Jul 2002 10:36:07

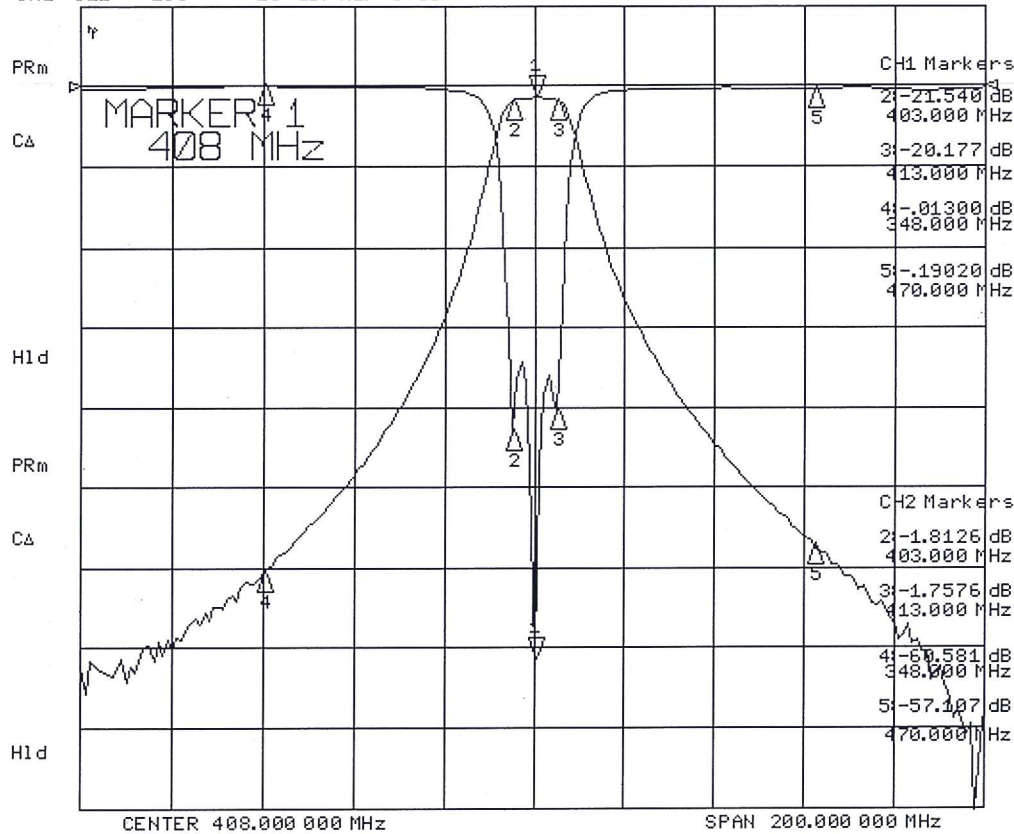
CH1 S11 LOG 5 dB/REF 0 dB  
CH2 S21 LOG 10 dB/REF 0 dB

1: 0.0000 dB 0.000 000 MHz  
1: 0.0000 dB

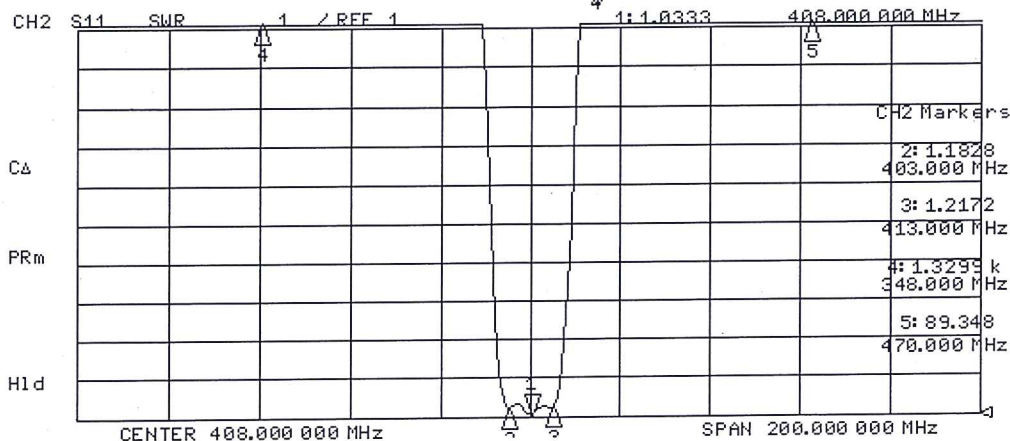
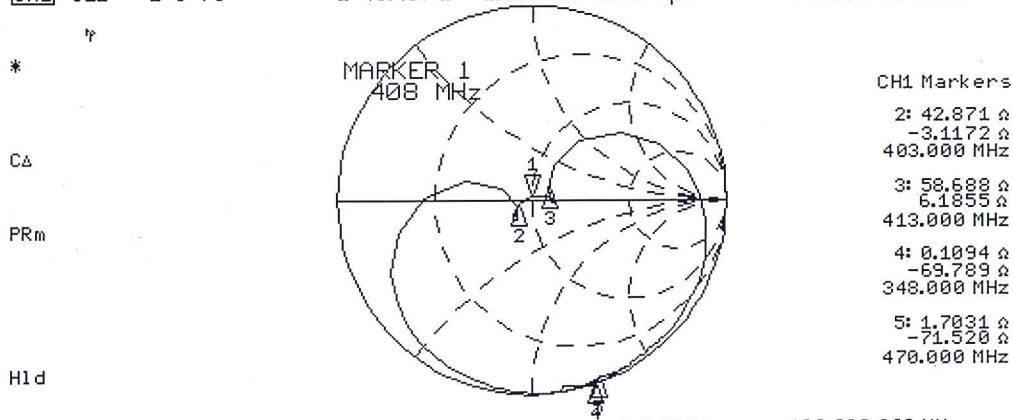


11 Jul 2002 10:34:56  
 [CH1] S11 LOG 5 dB/REF 0 dB 1:-35.696 dB 408.000 000 MHz  
 CH2 S21 LOG 10 dB/REF 0 dB 1:-1.4423 dB

Sbp-3Rb-408 Bpion



11 Jul 2002 10:35:21  
 [CH1] S11 1 U FS 1: 49.457  $\Omega$  1.5352  $\Omega$  598.84  $\mu$ H 408.000 000 MHz



# COMMERCIAL INVOICE & PACKING LIST

**S G C**

1.Shipper/Exporter SGC TECHNOLOGIES INC. 212-2, MAERYOO-RI, NEUNGSEO-MYUN, YEOJU-KUN, KYUNGKI-DO KOREA TEL: 82 31 884 0236 FAX : 82 31 884 0239		8.No.& Date of Invoice 02100102 & 01. OCT 2002			
2.For Account & Risk of Messers SPECIAL-IND S.P.A. PIAZZA SPOTORNO, 3 20159 MILANO, ITALY  TEL : +39 02 60 74 74 1		9.No.& Date of L/C			
3.Notify Party  SAME AS ABOVE		10.L/C Issuing bank			
4.Port of loading INCHEON AIR, KOREA	5.Final Destination ITALY	11.Remarks :  PAYMENT : NO COMMERCIAL VALUE COUNTRY OF ORIGIN : KOREA FREIGHT COLLECT			
6.Carrier FEDEX	7.Sailing on/or About OCT 01. 2002				
12.Marks & Numbers of PKGS	13.Description of Goods C/NO. 1 BAND PASS FILTER CUSTOMER : THE UNIVERSITY OF BOLOGNA, DEPT. OF RADIOASTRONOMY SLB-408-BP10MD  (SAMPLE)	14.Quantity 5 PCS	15.Unit-price US\$1.00	16.Amount US\$5.00	
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T O T A L      1 CARTONS		1.0 KG	5 PCS	US\$5.00	
=====					

\*\*\*PACKING LIST\*\*\*

17.  
Telephone No:82-31-884-0236~8  
FAX No :82-31-884-0239

18.Signed by

SGC TECHNOLOGIES INC.  
*Tae-seok Kang*  
PRESIDENT KANG. T. S