

MTC, Inc.

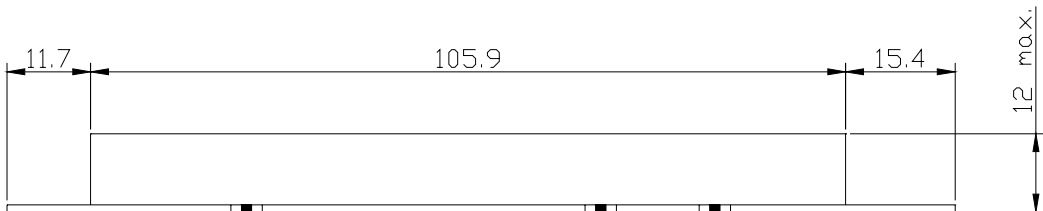
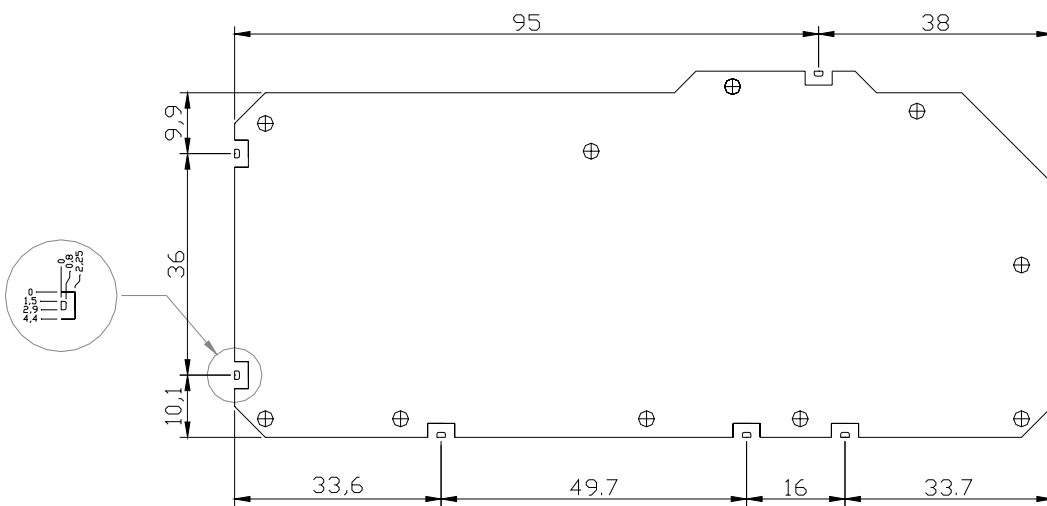
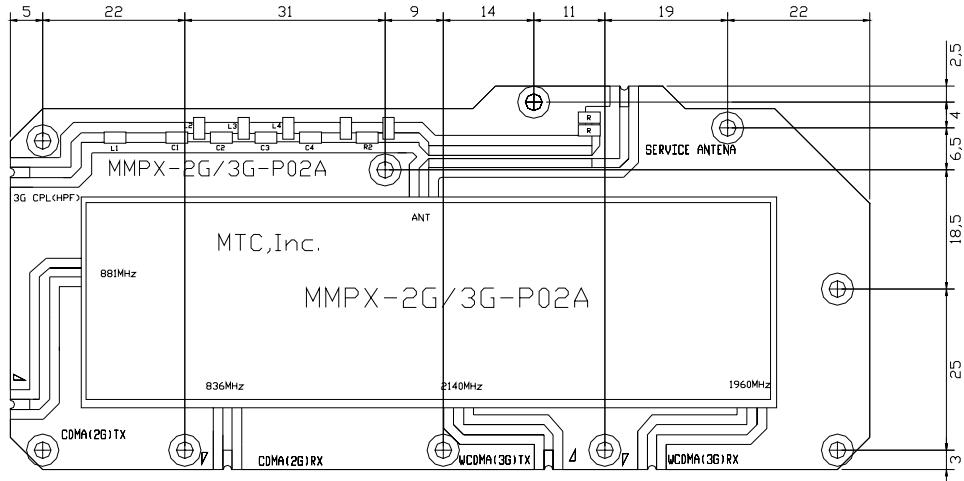
PRODUCT SPECIFICATION FOR INFORMATION

CUSTOMER :

PART NO : MMPX-3G/2G-P02A

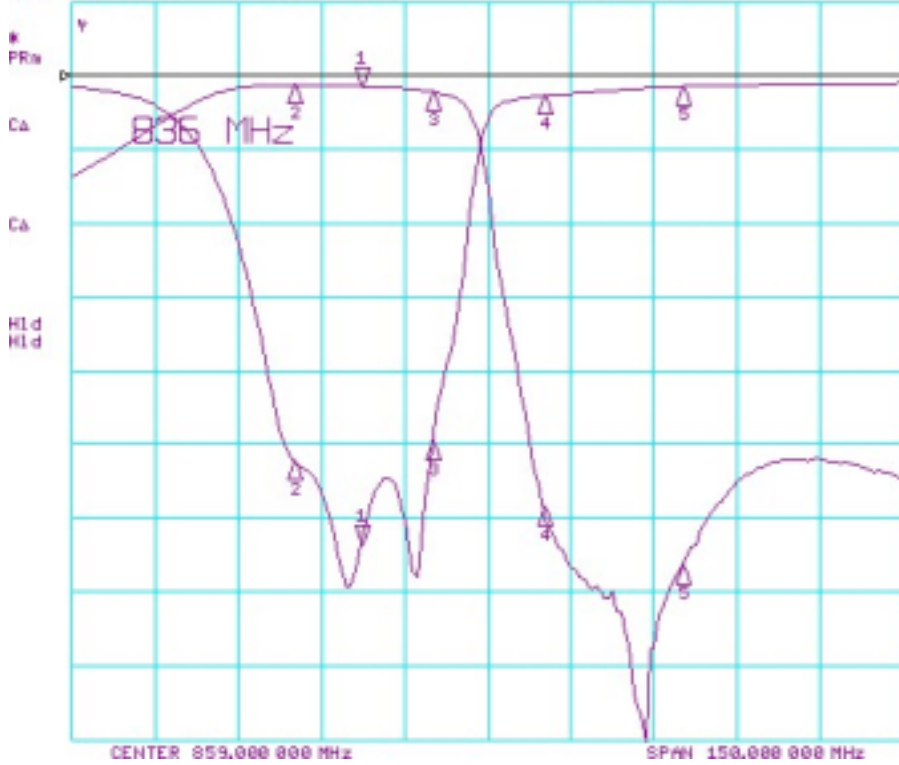
ITEM	PARAMETER				
Center Frequency	836MHz	881MHz	1950MHz	2140MHz	836MHz CPL
Pass Band	25MHz	25MHz	20MHz	20MHz	20MHz
Insertion Loss	2.6dB max.	2.6dB max.	2.5dB max.	2.5dB max.	20dB max.
Ripple	1.0dB max.	0.7dB max.	0.5dB max.	0.5dB max.	0.5dB max.
V.S.W.R	1.4 :1	1.4 :1	1.4 :1	1.4 :1	1.4 :1
Attenuation	55dB min.@ 869~894MHz	55dB min.@ 824~849MHz	55dB min.@ 824~849MHz	55dB min.@ 824~849MHz	55dB min.@ 869~894MHz
	55dB min.@ 1940~1960MHz	55dB min.@ 1940~1960MHz	55dB min.@ 869~894MHz	55dB min.@ 869~894MHz	55dB min.@ 1940~1960MHz
	55dB min.@ 2130~2150MHz	55dB min.@ 2130~2150MHz	55dB min.@ 2130~2150MHz	55dB min.@ 1940~1960MHz	55dB min.@ 2130~2150MHz
In/Out Impedance	50				
Operating Temp	-40 to +70				
Relative Humidity	0~95 %				

DIMENSION



UNIT : mm
 TOLERANCE
 UNLESS
 SPECIFIED : ±0.3

5 Jan 2005 04:53:34
 CH1 S22 L06 5 dB/REF 0 dB 1f-31.818 dB 836.000 000 MHz
 CH3 S21 L08 10 dB/REF 0 dB 1f-1.4607 dB



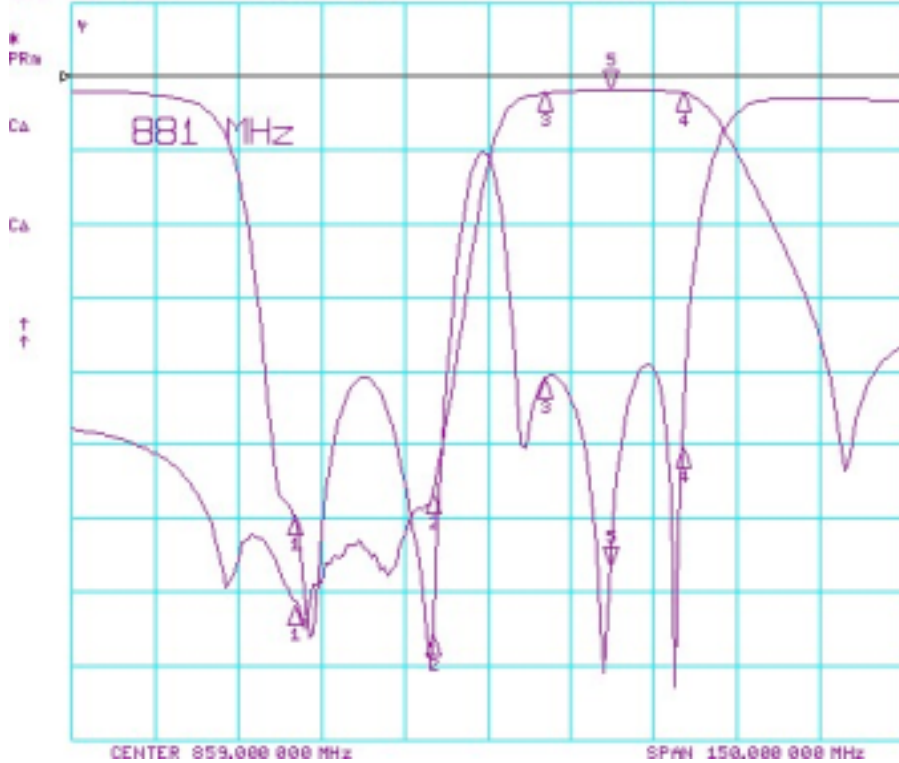
CH1 Markers

1f-26.127 dB
 824.000 MHz
 3f-24.808 dB
 849.000 MHz
 4f-1.3621 dB
 863.000 MHz
 5f-7.4800 dB
 894.000 MHz

CH3 Markers

2f-1.2992 dB
 824.000 MHz
 3f-2.1740 dB
 849.000 MHz
 4f-38.544 dB
 863.000 MHz
 5f-66.407 dB
 894.000 MHz

3 Feb 2005 03:52:09
 CH1 S11 L06 5 dB/REF 0 dB 5f-33.303 dB 881.000 000 MHz
 CH3 S21 L08 10 dB/REF 0 dB 5f-1.0230 dB



CH1 Markers

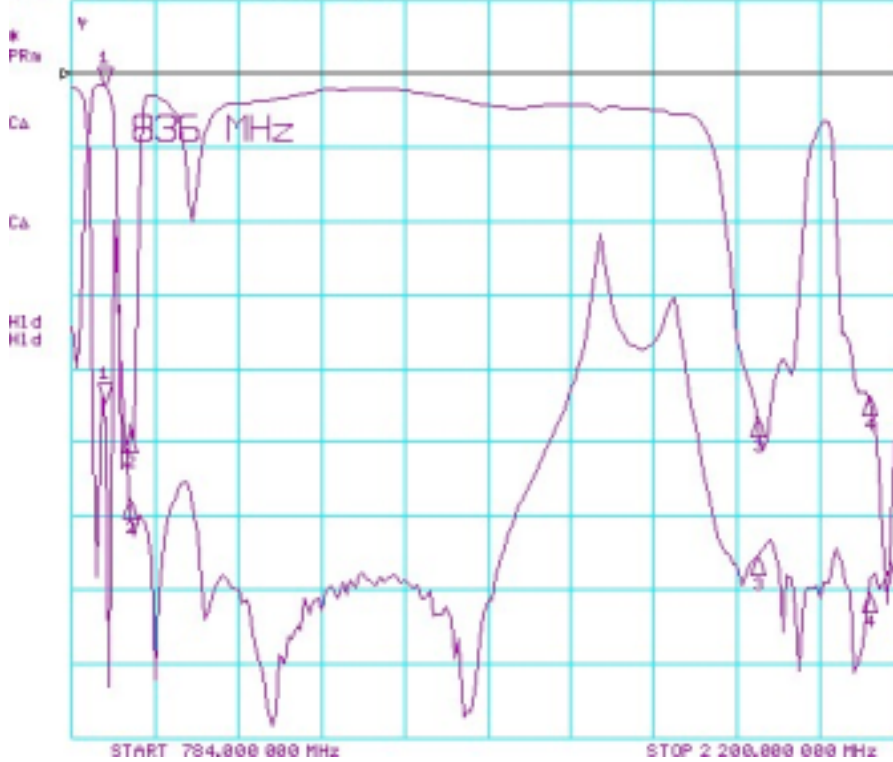
1f-29.877 dB
 824.000 MHz
 2f-38.124 dB
 849.000 MHz
 3f-20.621 dB
 863.000 MHz
 4f-25.310 dB
 894.000 MHz

CH3 Markers

1f-72.165 dB
 824.000 MHz
 2f-56.899 dB
 849.000 MHz
 3f-2.2004 dB
 863.000 MHz
 4f-2.1988 dB
 894.000 MHz

3 Feb 2005 03:51:10

CH1 S11 L06 5 dB/REF 0 dB 1f-22.335 dB 836.000 000 MHz
CH3 S21 L08 10 dB/REF 0 dB 1f-1.7020 dB



CH1 Markers

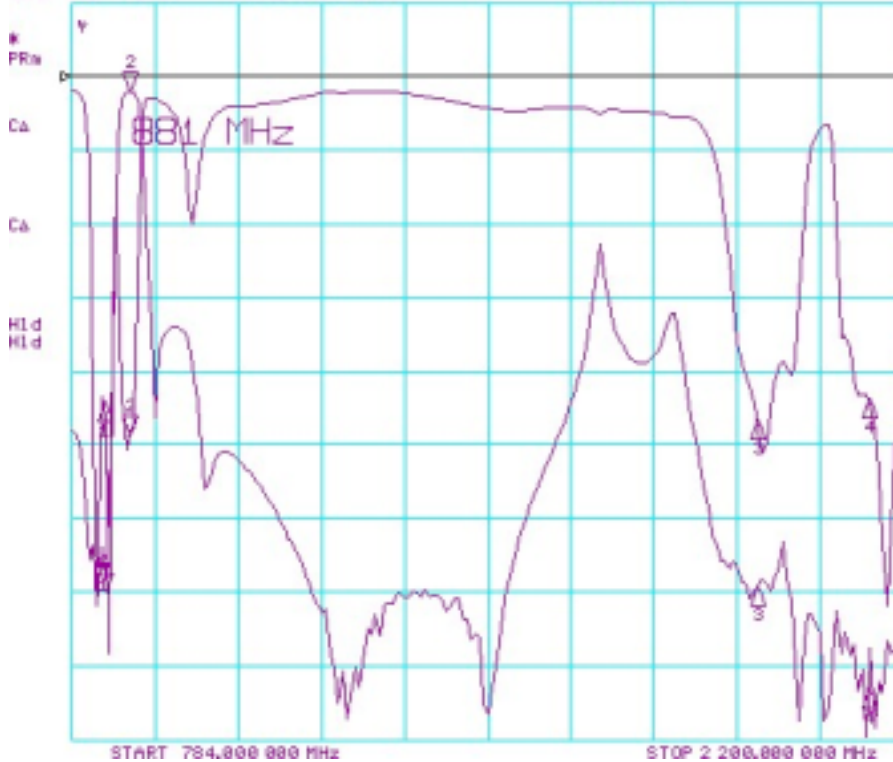
2f-24.526 dB
881.000 MHz
3f-23.435 dB
1.95000 GHz
4f-21.915 dB
2.14000 GHz

CH3 Markers

2f-57.965 dB
881.000 MHz
3f-65.627 dB
1.95000 GHz
4f-70.632 dB
2.14000 GHz

3 Feb 2005 03:51:34

CH1 S11 L06 5 dB/REF 0 dB 1f-24.381 dB 836.000 000 MHz
CH3 S21 L08 10 dB/REF 0 dB 1f-1.9961 dB



CH1 Markers

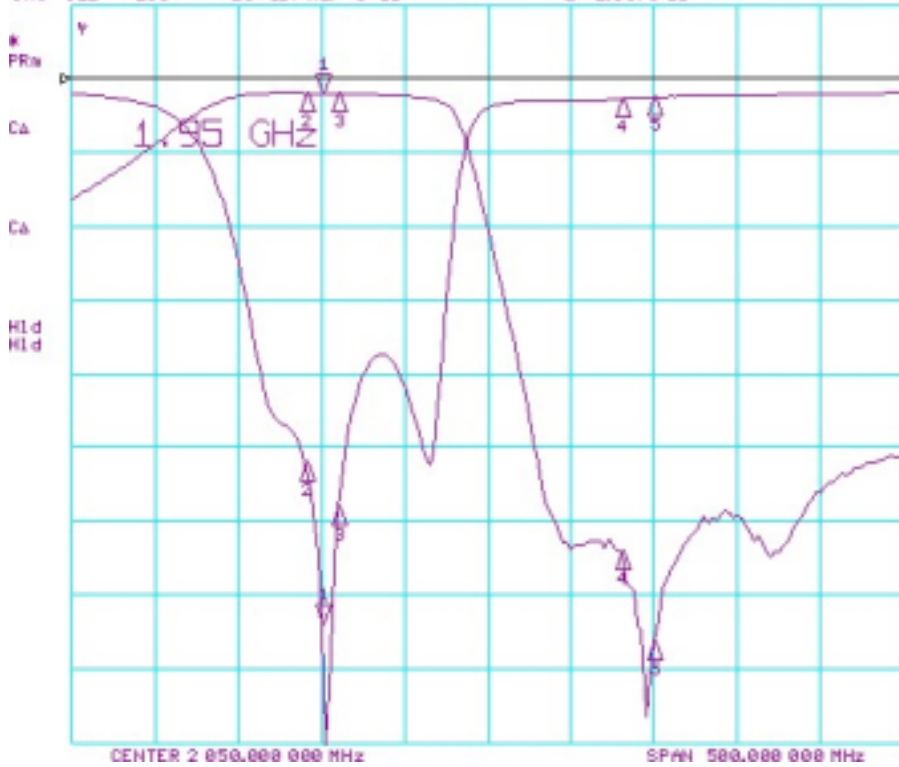
1f-22.159 dB
836.000 MHz
3f-23.406 dB
1.95000 GHz
4f-21.933 dB
2.14000 GHz

CH3 Markers

1f-65.425 dB
836.000 MHz
3f-69.394 dB
1.95000 GHz
4f-83.388 dB
2.14000 GHz

3 Feb 2005 03:57:03

CH1 S22 L06 5 dB/REF 8 dB 1f-37.871 dB 1 958.000 000 MHz
CH3 S21 L06 18 dB/REF 8 dB 1f-1.9573 dB



CH1 Markers

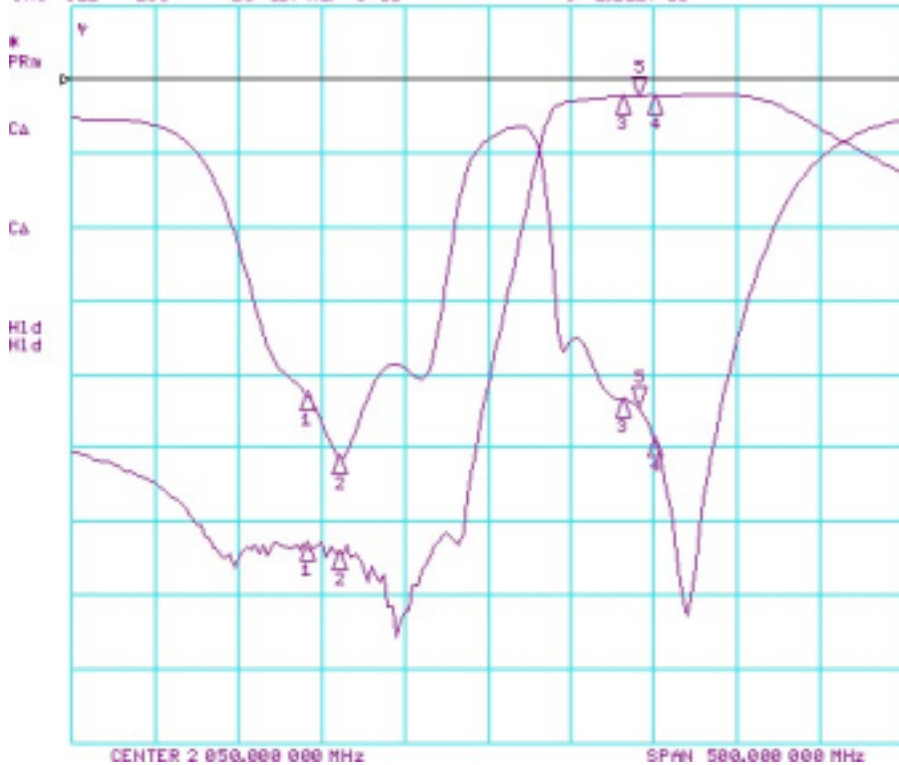
- 1f-26.853 dB
1.94000 GHz
- 2f-29.813 dB
1.96000 GHz
- 4f-1.3693 dB
2.13000 GHz
- 5f-1.2426 dB
2.15000 GHz

CH3 Markers

- 2f-1.9367 dB
1.94000 GHz
- 3f-2.0873 dB
1.96000 GHz
- 4f-54.165 dB
2.13000 GHz
- 5f-76.475 dB
2.15000 GHz

3 Feb 2005 03:54:58

CH1 S11 L06 5 dB/REF 8 dB 3f-22.255 dB 2 148.000 000 MHz
CH3 S21 L06 18 dB/REF 8 dB 5f-2.2117 dB



CH1 Markers

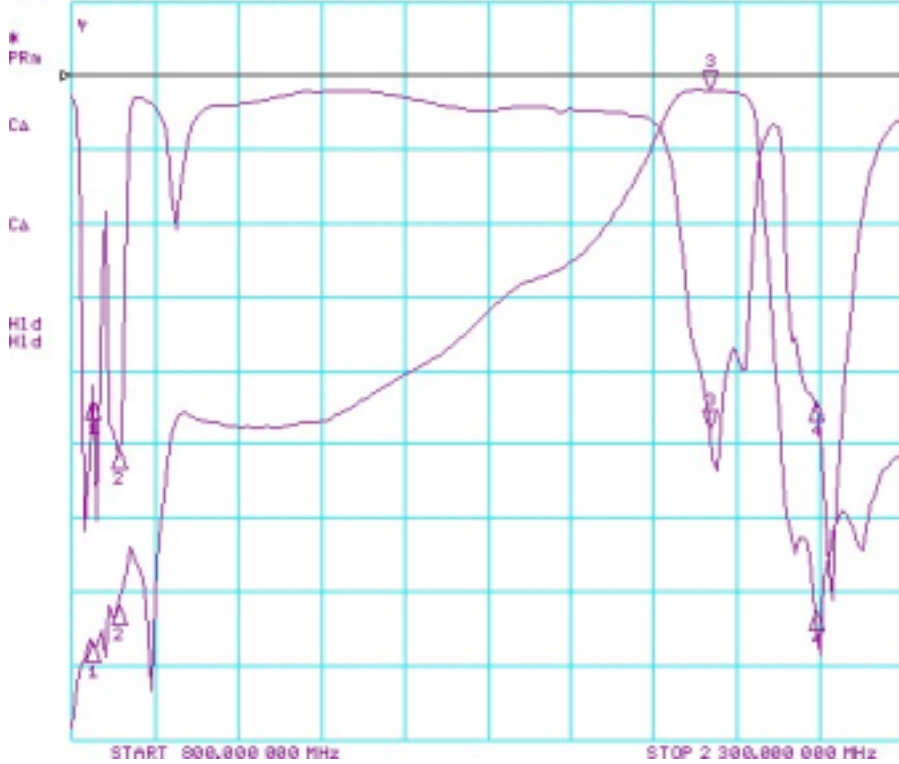
- 1f-21.181 dB
1.94000 GHz
- 2f-25.582 dB
1.96000 GHz
- 3f-21.685 dB
2.13000 GHz
- 4f-24.414 dB
2.15000 GHz

CH3 Markers

- 1f-62.846 dB
1.94000 GHz
- 2f-64.861 dB
1.96000 GHz
- 3f-2.2852 dB
2.13000 GHz
- 4f-2.2813 dB
2.15000 GHz

3 Feb 2005 03:56:15

CH1 S11 L06 5 dB/REF 8 dB 3f-24.823 dB 1 958.000 000 MHz
CH3 S21 L08 18 dB/REF 8 dB 3f-1.9859 dB



CH1 Markers

- 1f-22.826 dB
835.000 MHz
- 2f-25.513 dB
881.000 MHz
- 4f-22.182 dB
2.14000 GHz

CH3 Markers

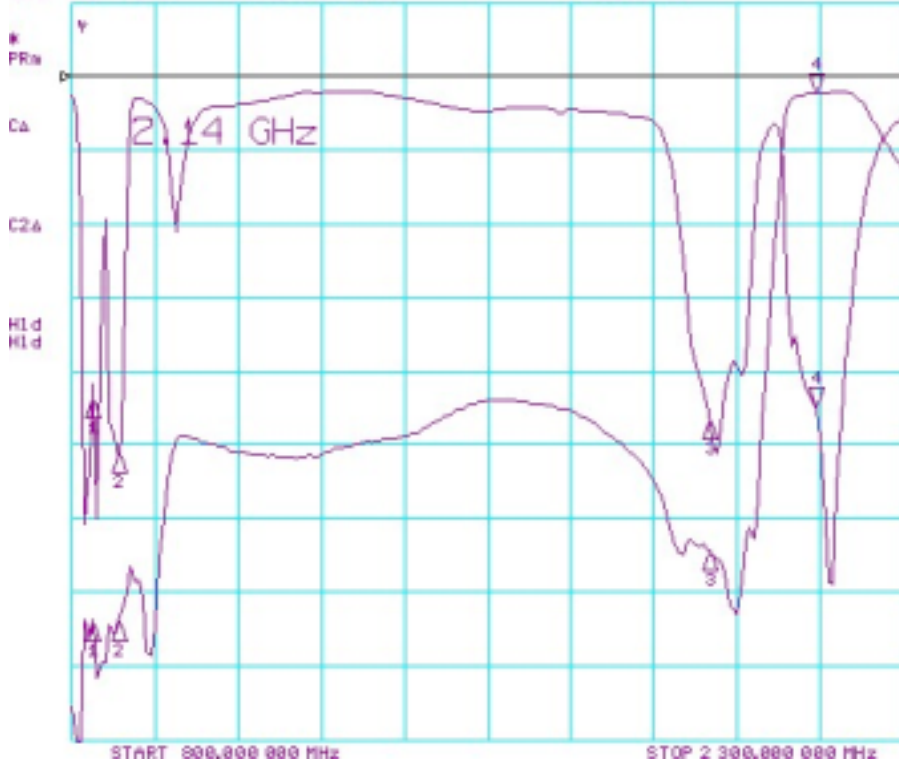
- 1f-77.872 dB
835.000 MHz
- 2f-72.863 dB
881.000 MHz
- 4f-72.759 dB
2.14000 GHz

START 800.000 000 MHz

STOP 2 300.000 000 MHz

3 Feb 2005 03:55:48

CH1 S11 L06 5 dB/REF 8 dB 4f-22.384 dB 2 148.000 000 MHz
CH3 S21 L08 18 dB/REF 8 dB 4f-2.2318 dB



CH1 Markers

- 1f-22.812 dB
835.000 MHz
- 2f-25.625 dB
881.000 MHz
- 3f-23.421 dB
1.95000 GHz

CH3 Markers

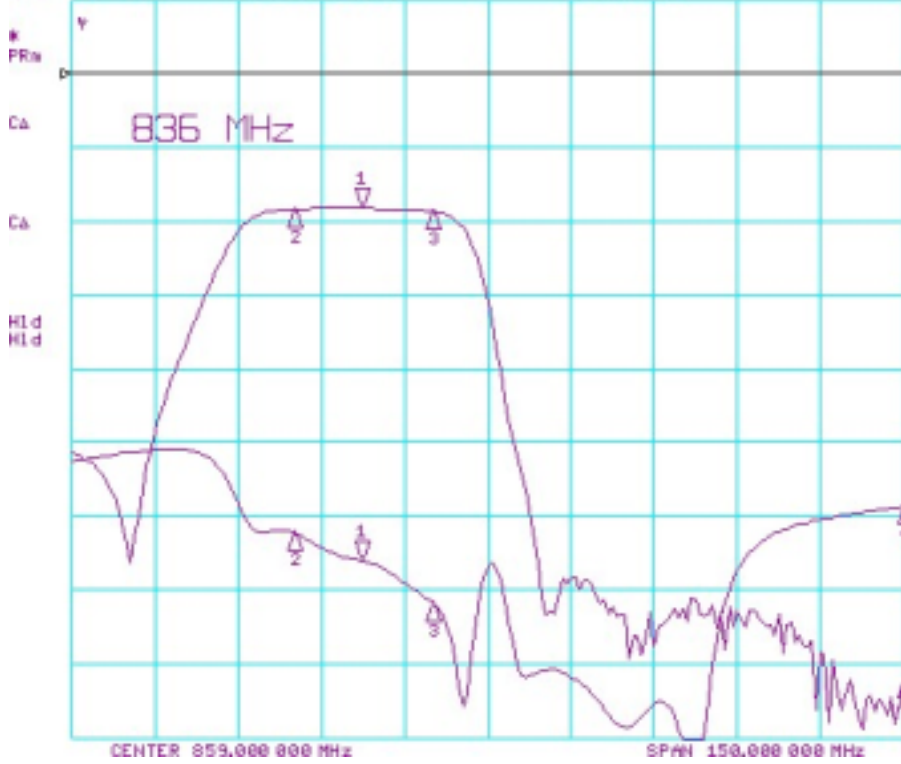
- 1f-74.343 dB
835.000 MHz
- 2f-74.388 dB
881.000 MHz
- 3f-54.782 dB
1.95000 GHz

START 800.000 000 MHz

STOP 2 300.000 000 MHz

3 Feb 2005 03:58:13

CH1 S11 L06 5 dB/REF 0 dB 1*-33.028 dB 836.000 000 MHz
CH2 S21 L08 10 dB/REF 0 dB 1*-18.281 dB



CH1 Markers

2*-31.153 dB

824.000 MHz

3*-35.876 dB

849.000 MHz

4*-29.359 dB

934.000 MHz

CH2 Markers

2*-18.384 dB

824.000 MHz

3*-18.714 dB

849.000 MHz

4*-82.216 dB

934.000 MHz