



**ANATECH ELECTRONICS INC**  
RF & Microwave Filters & Products

# 481 MHz CDMA 450 G-Band RF-Tx Saw Filter

**Part Number: AM481S145**

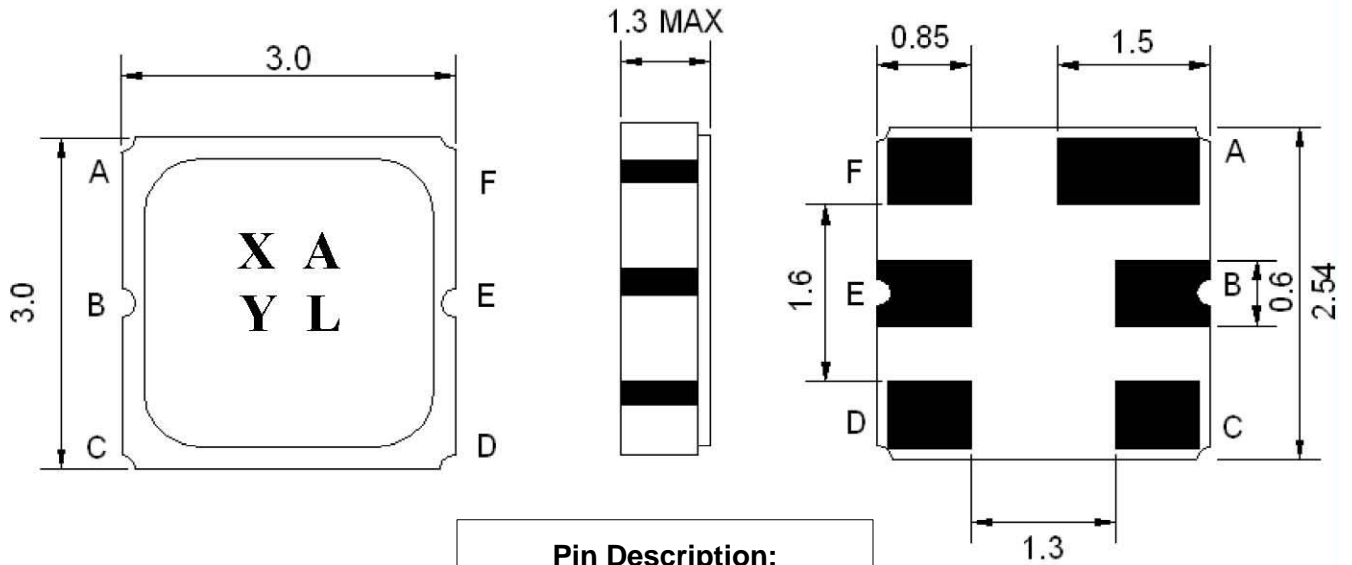


Parameters Description	Unit	Minimum	Typical	Maximum
Center Frequency (Fo)	MHz	-	481.2	-
Insertion Loss in 479.0 ~ 483.5 MHz	dB	-	2.0	2.8
VSWR in 479.0 ~ 483.5 MHz	-	-	1.3	2.0
<b>Stop Band Attenuation:</b>				
0.3 ~ 467.0 MHz	dB	25	28	-
489.2 ~ 493.5 MHz	dB	30	50	-
493.5 ~ 1700.0 MHz	dB	23	27	-
1700.0 ~ 2000.0 MHz	dB	15	22	-

Parameters Description	Unit	Minimum	Typical	Maximum
Operation Temperature Range	°C	-30	-	+80
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	0
Maximum Input Power	dBm	-	-	30
Source Impedance (Single Ended) <sub>1</sub>	Ω	-	50	-
Load Impedance (Single Ended) <sub>1</sub>	Ω	-	50	-
Package Size and Type	3.0 x 3.0 x 1.3 mm		M	

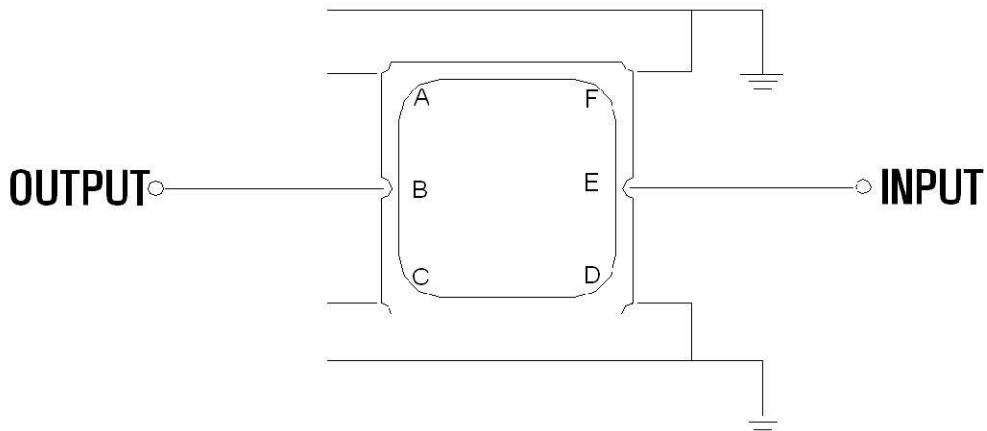


**Outline Drawing:**



**Pin Description:**  
Ground – A C D F  
Input – E  
Output – B

**Testing Environment:**



Source & Load Impedance: 50 Ω



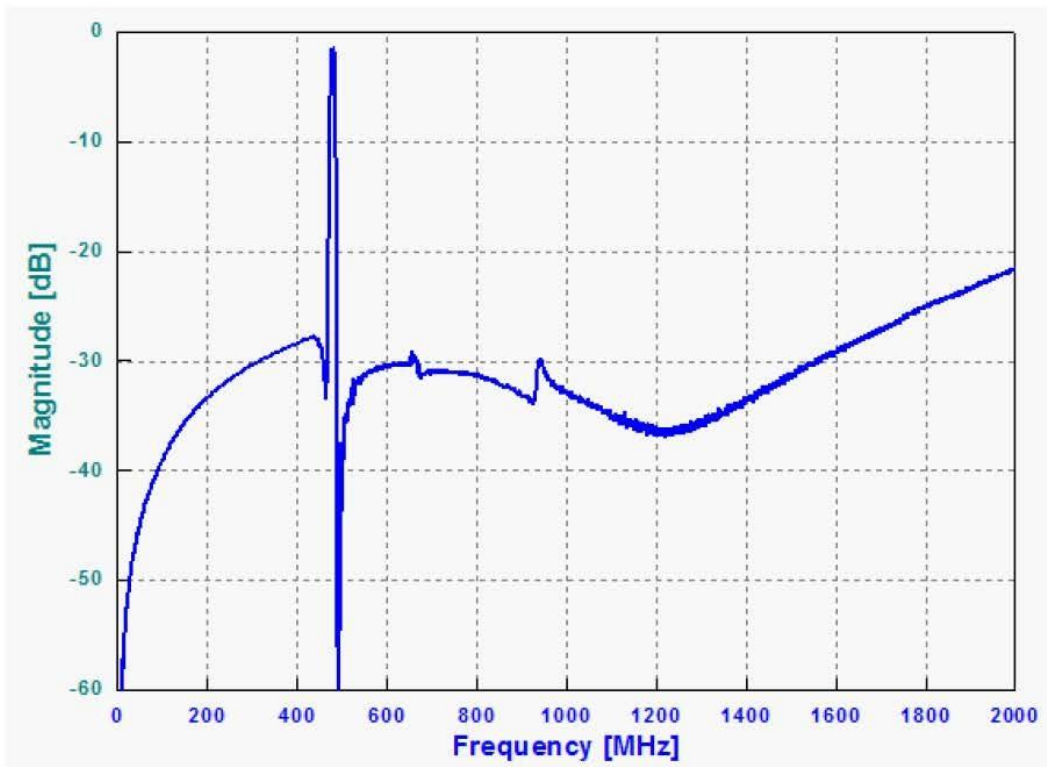
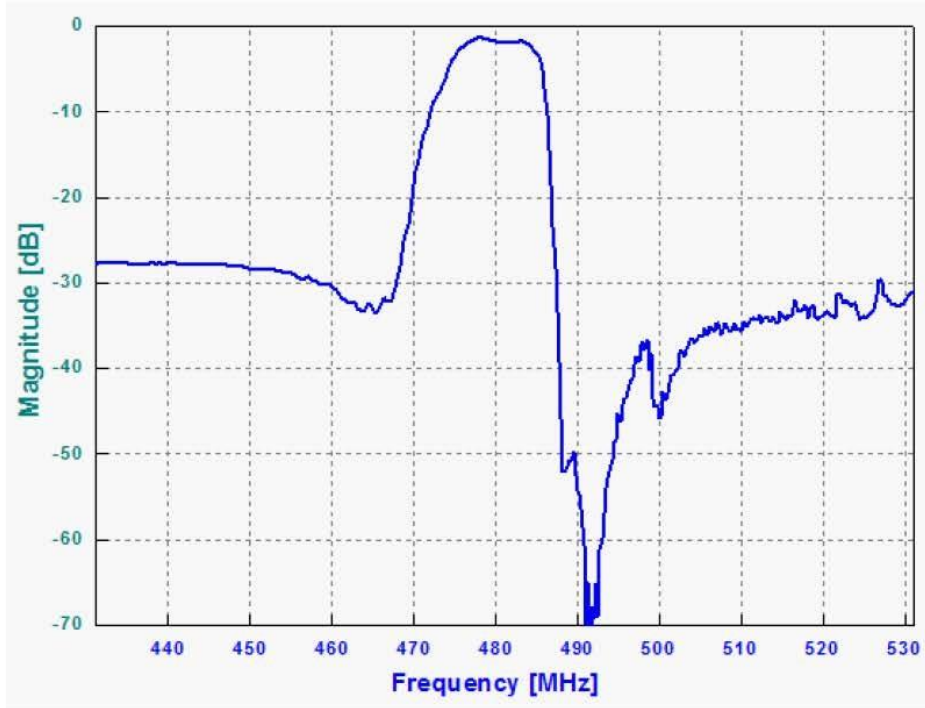
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## Response Plot:





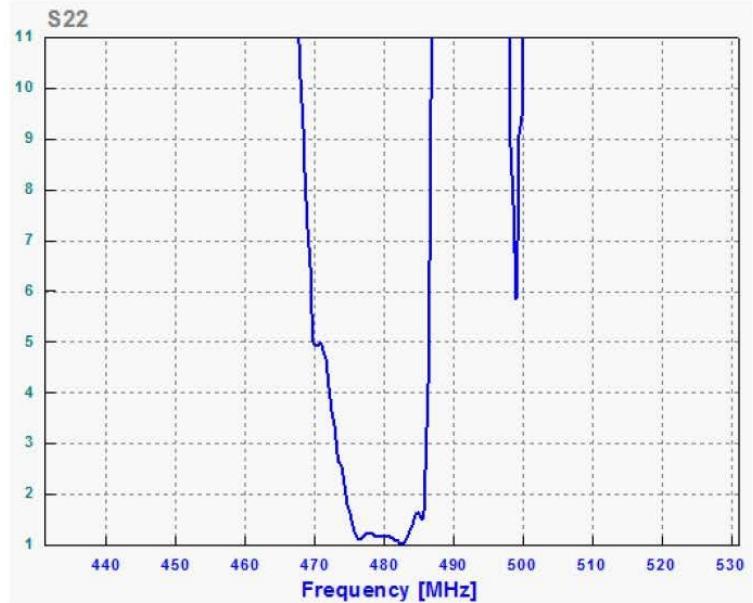
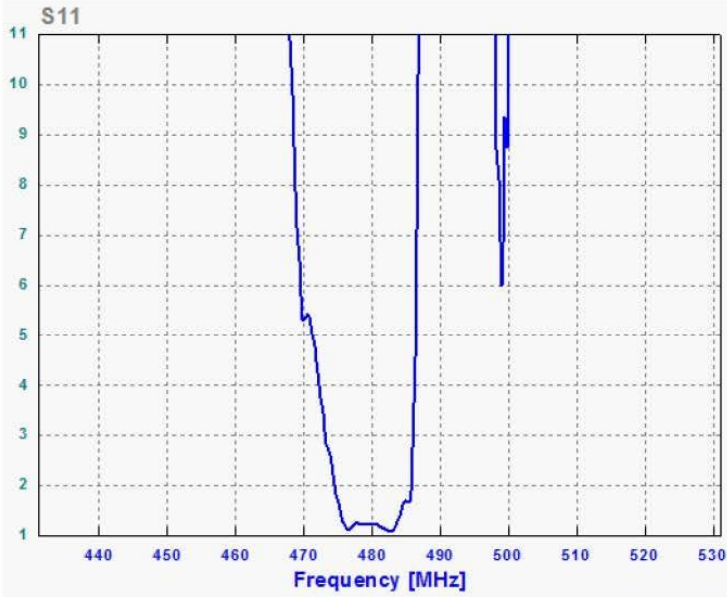
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## VSWR



## Smith Chart

