

Anritsu Advancing beyond

Bandpass Filters

For Interference and PIM Hunting
Antenna Systems



Introduction

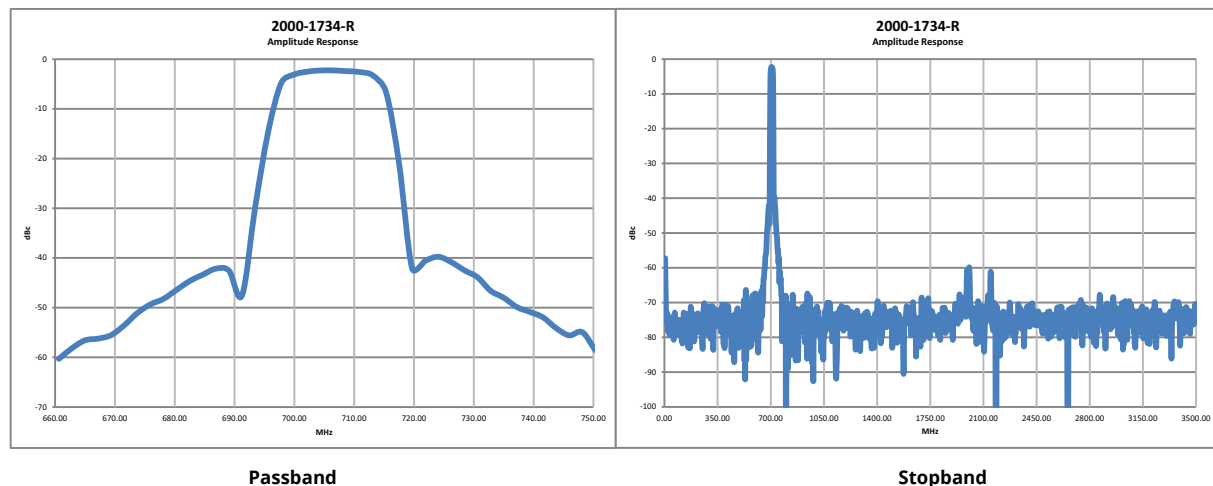
The Anritsu bandpass filters in this series are designed to be used with the handheld MA2700 InterferenceHunter™ and the 2000-1844-R PIM Hunter™ systems, but can be used in a variety of applications as a general purpose bandpass filter. The bands offered cover common cellular uplink frequencies. Contact Anritsu for additional frequency ranges.

Anritsu Part Number	Start Frequency	Stop Frequency	Usage E-UTRA Band	Nominal Insertion Loss
2000-1734-R	699 MHz	715 MHz	Bands 12 & 17	3 dB
2000-1735-R	776 MHz	788 MHz	Band 13	3 dB
2000-1736-R	815 MHz	850 MHz	U.S. Cellular & Band 5	2 dB
2000-1742-R	832 MHz	862 MHz	Band 20	2 dB
2000-1739-R	880 MHz	915 MHz	Band 8	2 dB
2000-1740-R	1710 MHz	1785 MHz	Band 3	2 dB
2000-1737-R	1711 MHz	1756 MHz	AWS & Band 4	2 dB
2000-1738-R	1850 MHz	1910 MHz	PCS & Band 2	2 dB
2000-1741-R	1920 MHz	1980 MHz	Band 1	2 dB
2000-1799-R	2305 MHz	2320 MHz	WCS	4 dB
2000-1743-R	2500 MHz	2570 MHz	Band 7	2 dB
2000-1911-R	703 MHz	748 MHz	Band 28	2 dB
2000-1912-R	788 MHz	798 MHz	Band 14	3 dB
2000-1925-R	663 MHz	698 MHz	Band 71	3 dB
2000-1926-R	776 MHz	806 MHz	Bands 13 & 14	3 dB
2000-2147-R	3700 MHz	3980 MHz	C-Band	3 dB

These Anritsu bandpass filters are equipped with standard type-N connectors and can be used without the plastic housing. The housing can be easily removed and reinstalled using a #1 Phillips screwdriver. The torque amplifying thumb nut can be removed with the supplied 0.050 inch hex wrench. All specifications are typical.

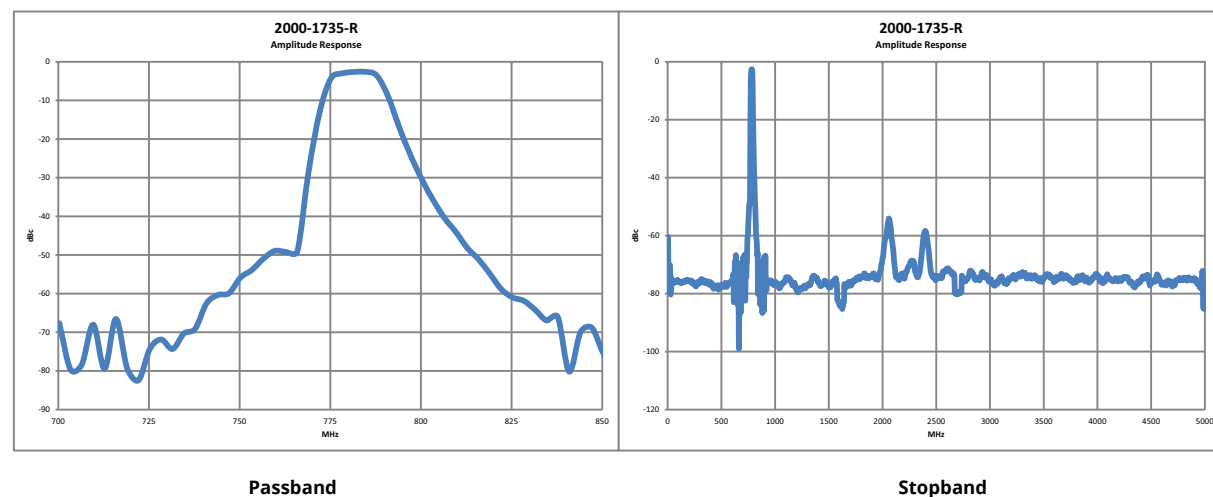
2000-1734-R

707 MHz Center Frequency



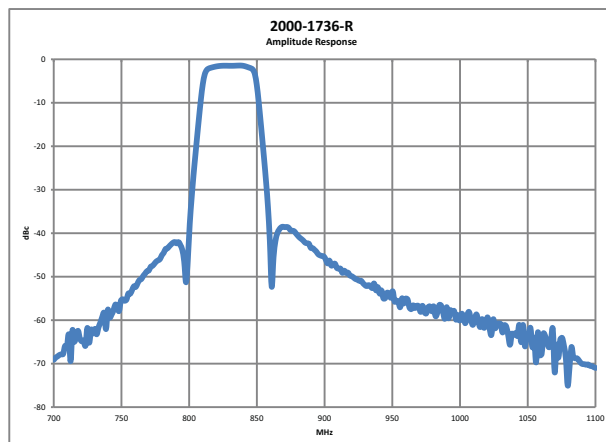
2000-1735-R

782 MHz Center Frequency

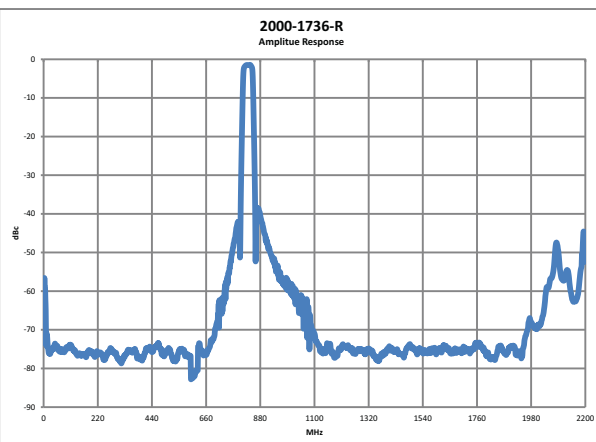


2000-1736-R

832 MHz Center Frequency



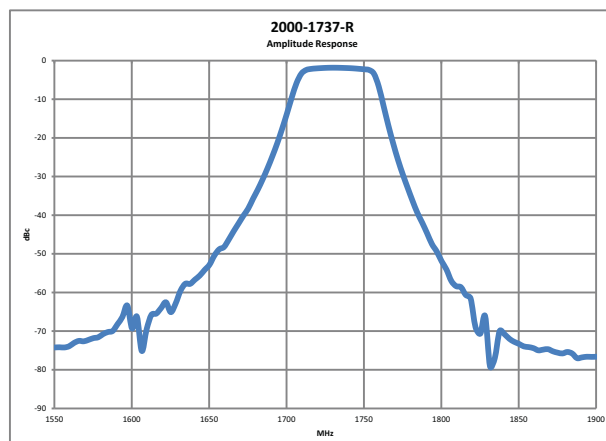
Passband



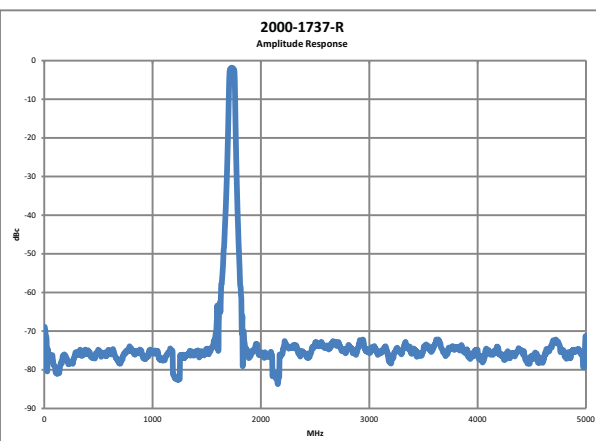
Stopband

2000-1737-R

1733 MHz Center Frequency



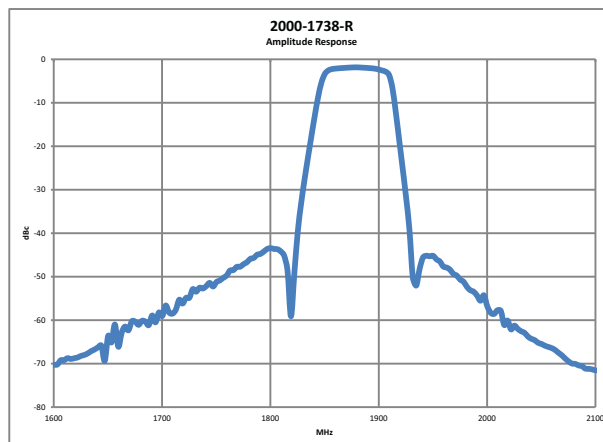
Passband



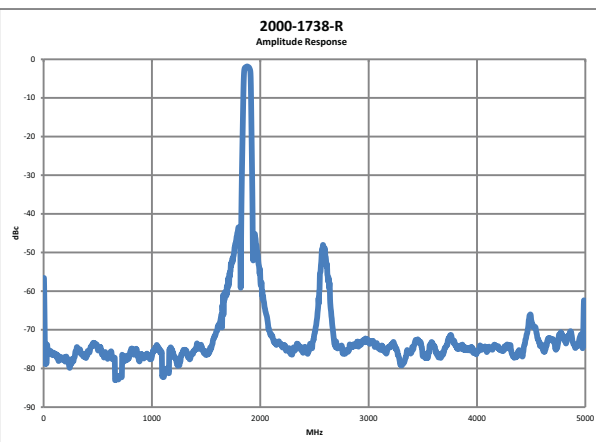
Stopband

2000-1738-R

1880 MHz Center Frequency



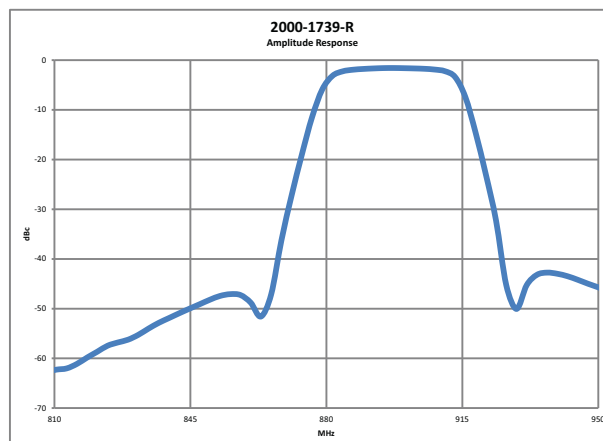
Passband



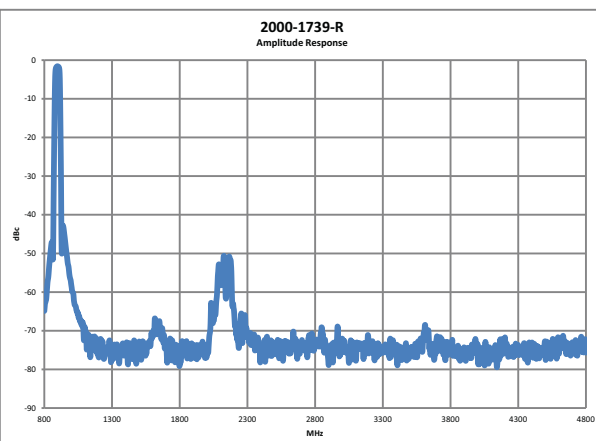
Stopband

2000-1739-R

898 MHz Center Frequency



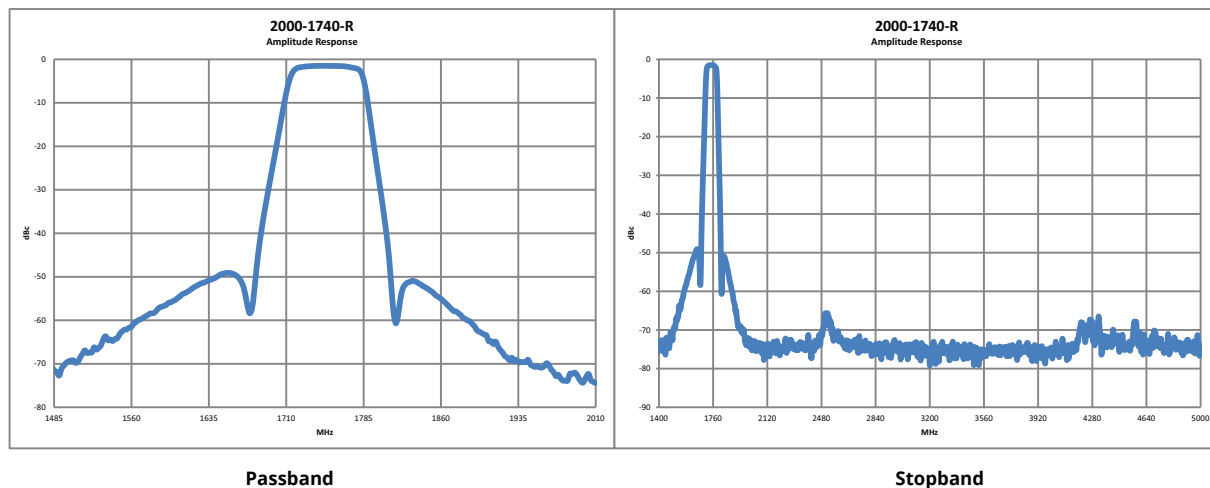
Passband



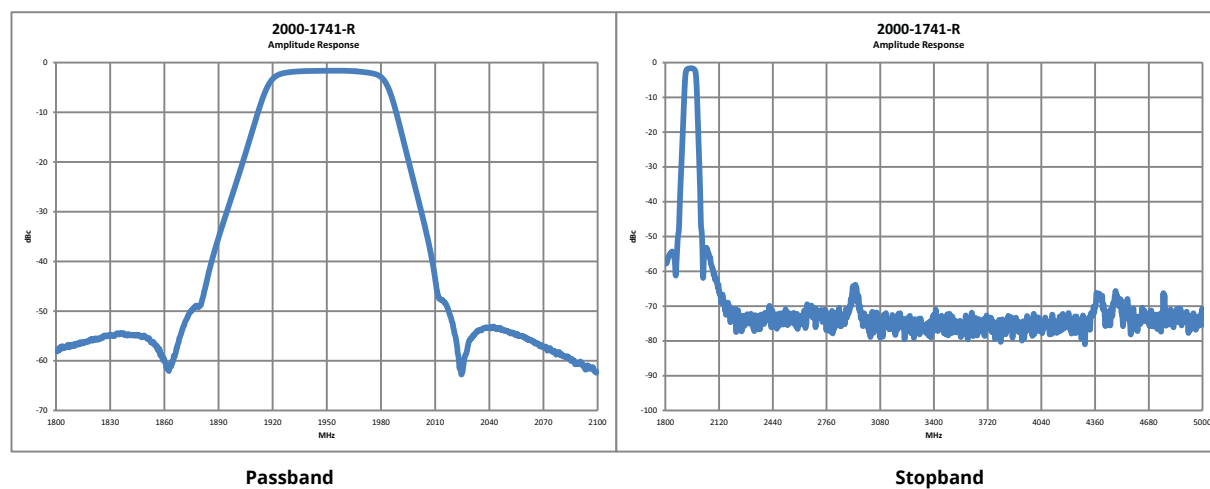
Stopband

2000-1740-R

1748 MHz Center Frequency

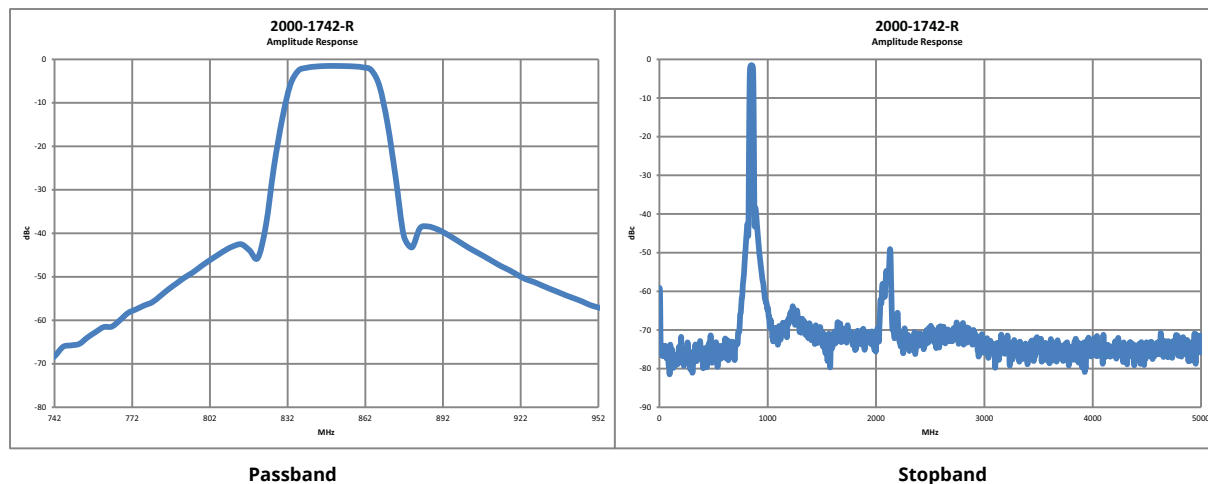
**2000-1741-R**

1950 MHz Center Frequency



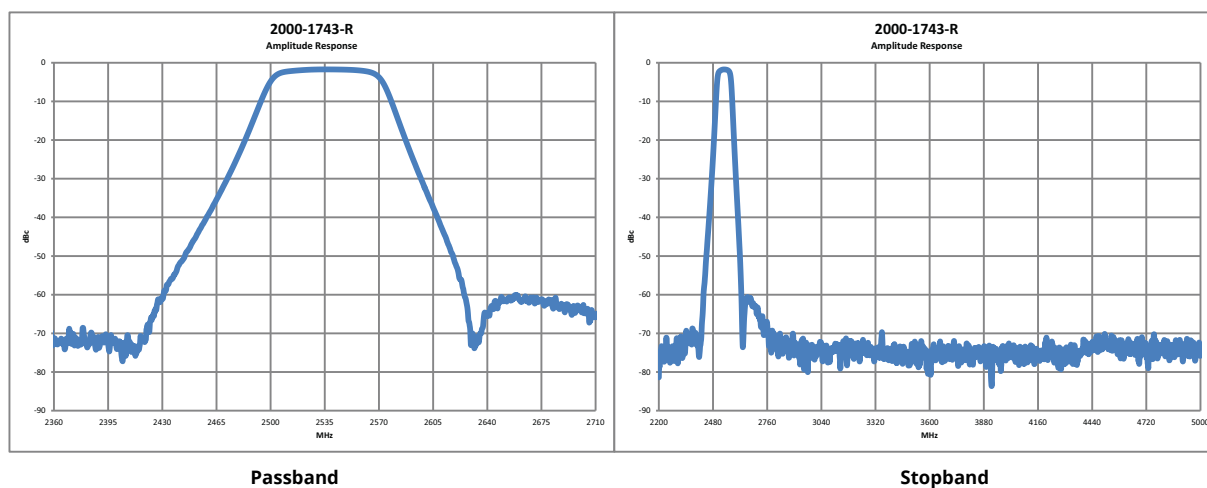
2000-1742-R

847 MHz Center Frequency



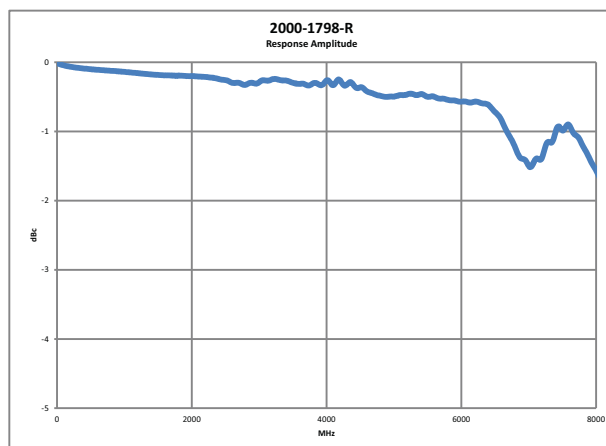
2000-1743-R

2535 MHz Center Frequency



2000-1798-R

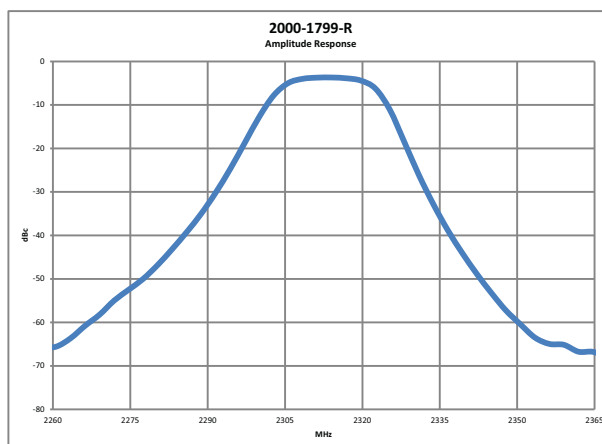
DC to 6000 MHz Passband Frequency



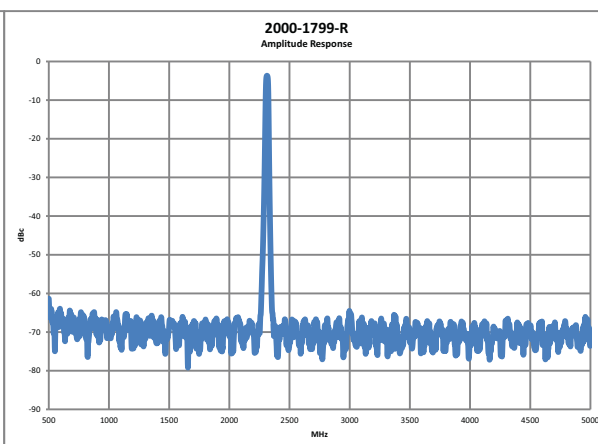
Passband

2000-1799-R

2313 MHz Center Frequency



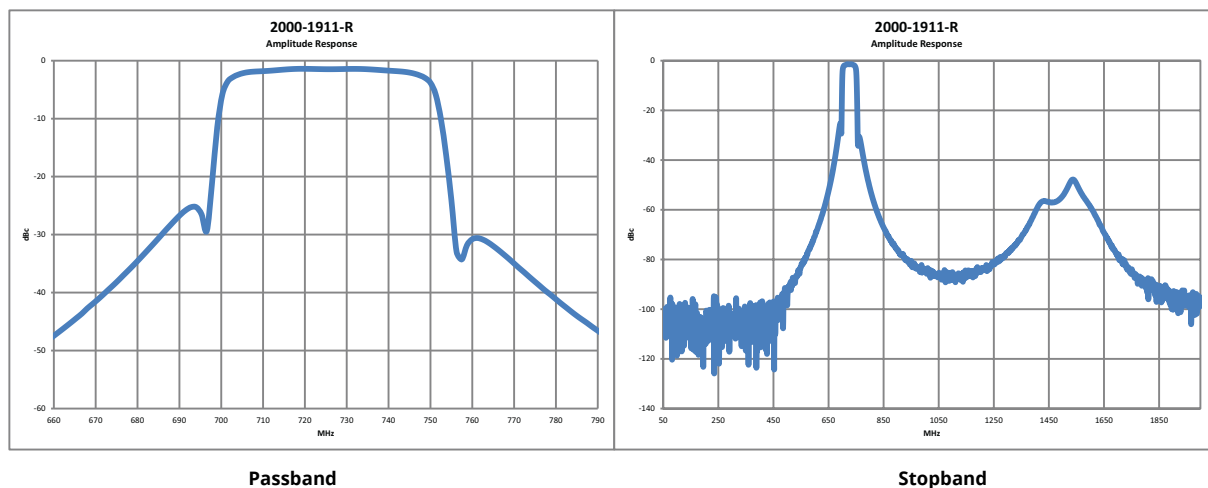
Passband



Stopband

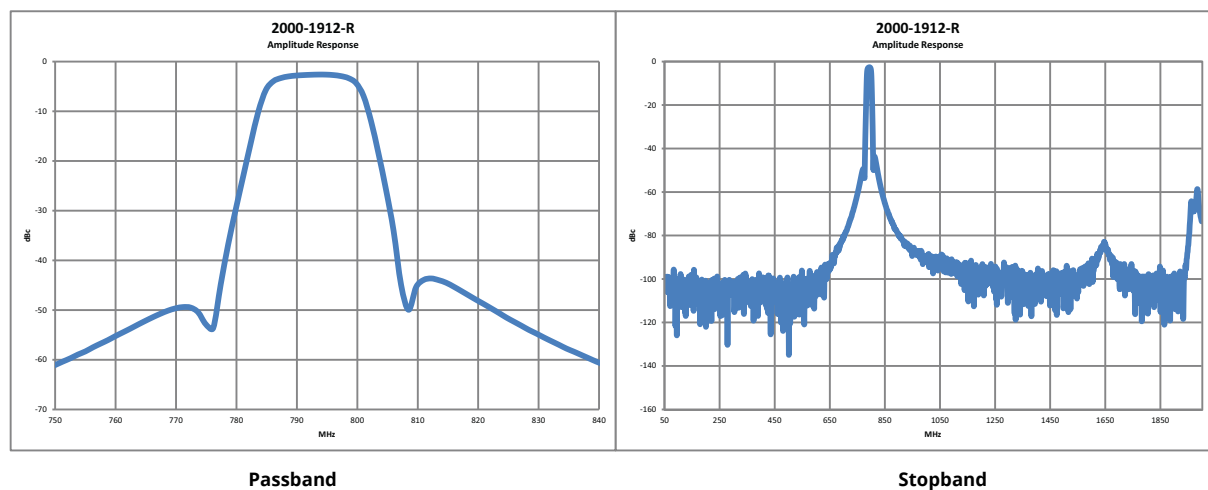
2000-1911-R

726 MHz Center Frequency



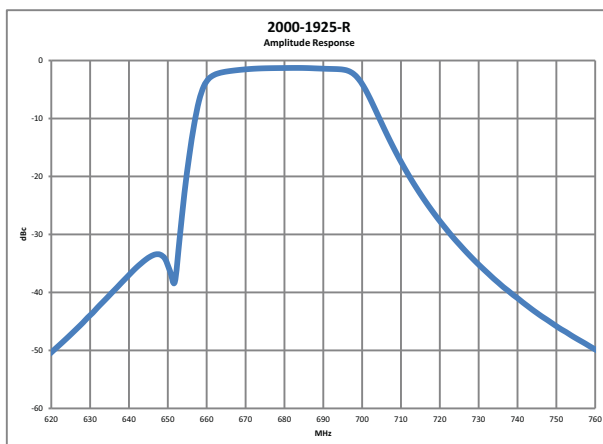
2000-1912-R

793 MHz Center Frequency

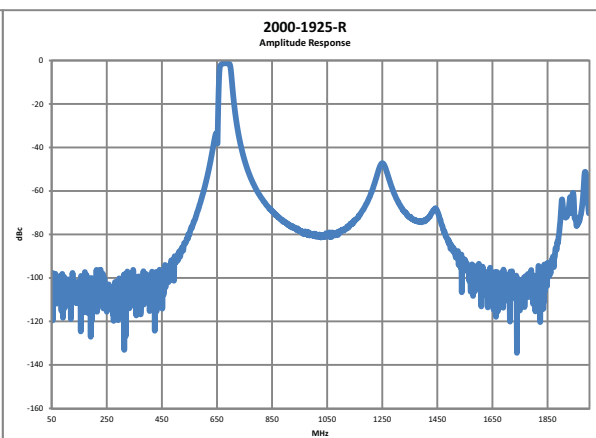


2000-1925-R

681 MHz Center Frequency



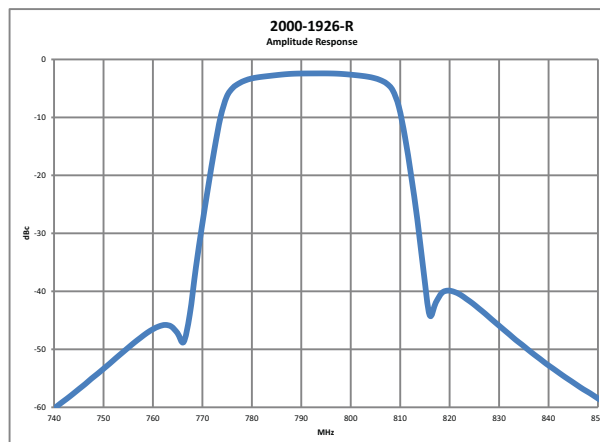
Passband



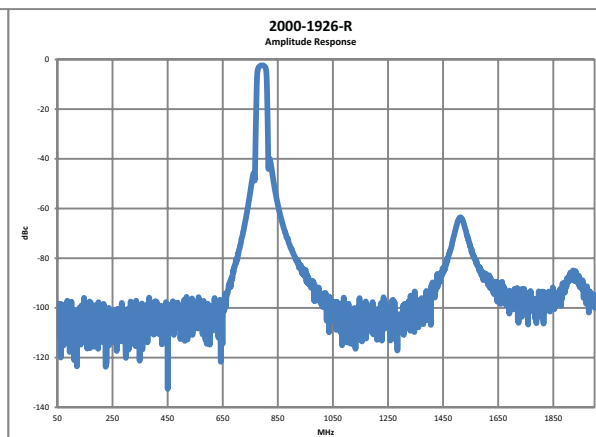
Stopband

2000-1926-R

791 MHz Center Frequency



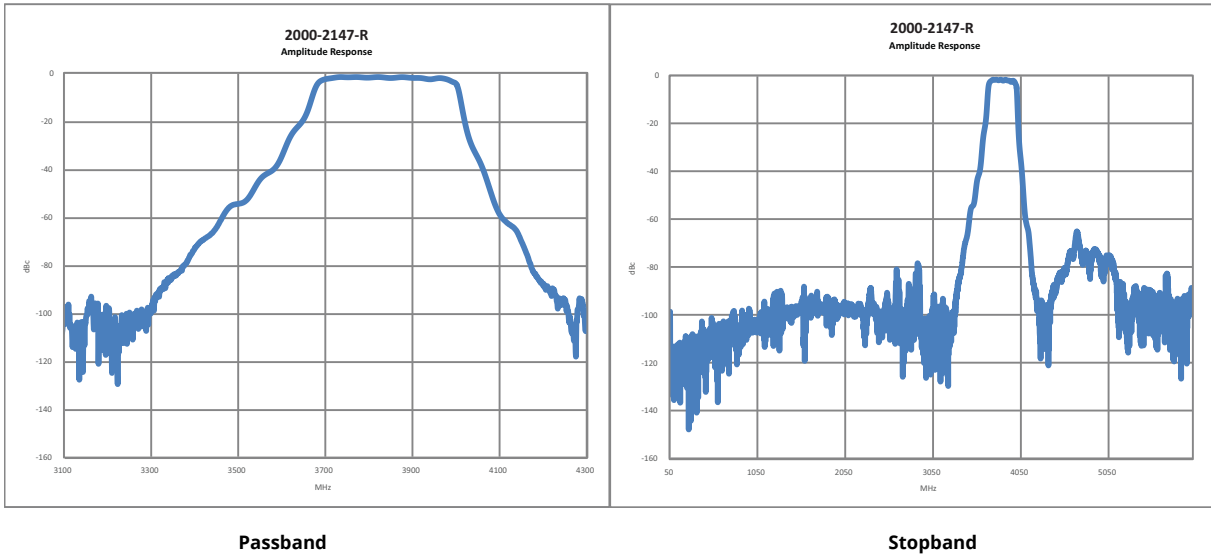
Passband



Stopband

2000-2147-R

3840 Center Frequency



Regulatory Compliance

European Union	EMC 2014/30/EU, EN 61326-1:2013 CISPR 11/EN 55011, IEC/EN 61000-4-2/3/4/5/6/8/11 Low Voltage Directive 2014/35/EU Safety EN 61010-1:2010 RoHS Directive 2011/65/EU & 2015/863
United Kingdom	EMC SI 2016/1091; BS EN 55011 & BS 61000-4-2/3/4/5/6/8/11 Consumer Protection (Safety) SI 2016/1101; BS EN 61010-1:2010 Environmental Protection SI 2012/3032; 2011/65/EU & 2015/863
Australia and New Zealand	RCM AS/NZS 4417:2012
South Korea	KCC-REM-A21+-0004
Canada	ICES-1(A)/NMB-1(A)

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