

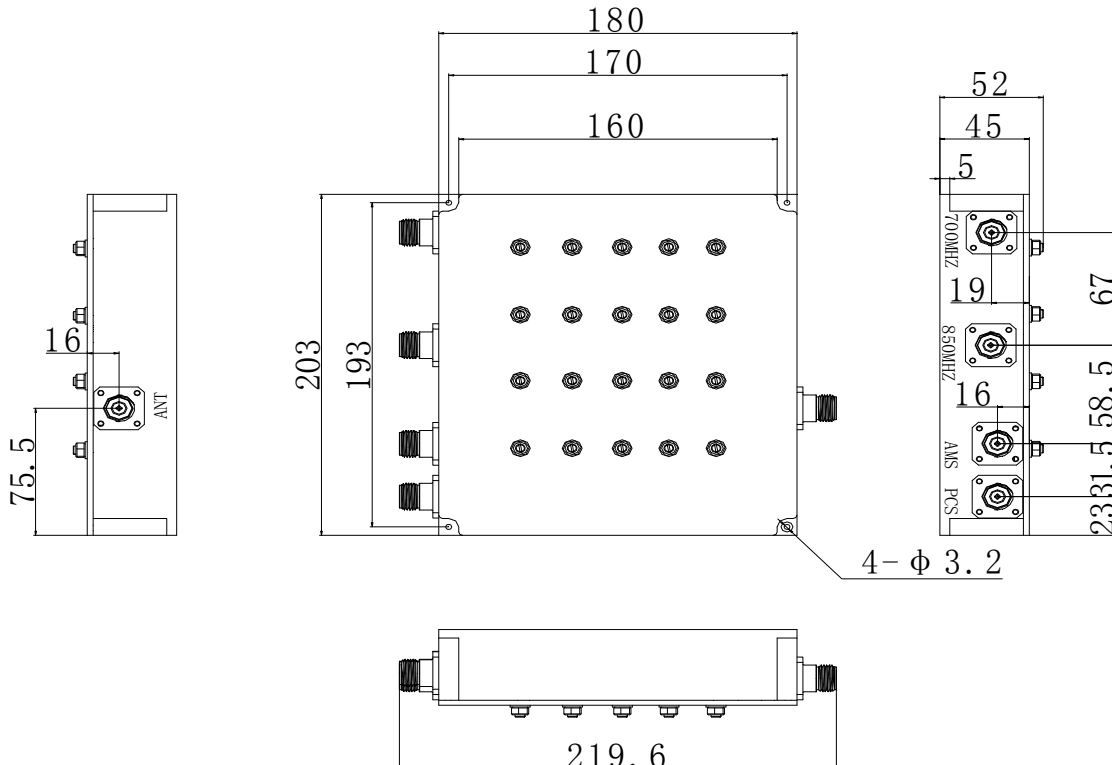


150dBc High PIM 4 CHANNELS CAVITY MULTIPLEXER

- Channel1: 698-806MHz
- Channel2 : 824-894MHz
- Channel3: 1850~2000MHz
- Channel4: 1710~1755/2110~2155MHz



Channels	700MHz	850MHz	PCS	AWS
Frequency Range	698-787MHz	806-869 MHz	1850-1990MHz	1710-1755&2110-2150MHz
Return loss	>18dB	>18dB	>18dB	>18dB
Insertion Loss	<0.7dB	<0.7dB	<0.5dB	<0.5dB
Band Pass Ripple	≥0.4dB	≥0.4dB	≥0.4dB	≥0.4dB
Port Isolation	≤45dB			
PIM	≥-150dBc@2*43dBm			
Power Rating	50W			
Impedance	50Ω			
Operating Temperature	-25°C~+70°C			



150dBc High PIM 50W HIGH POWER 4 CHANNELS CAVITY MULTIPLEXER

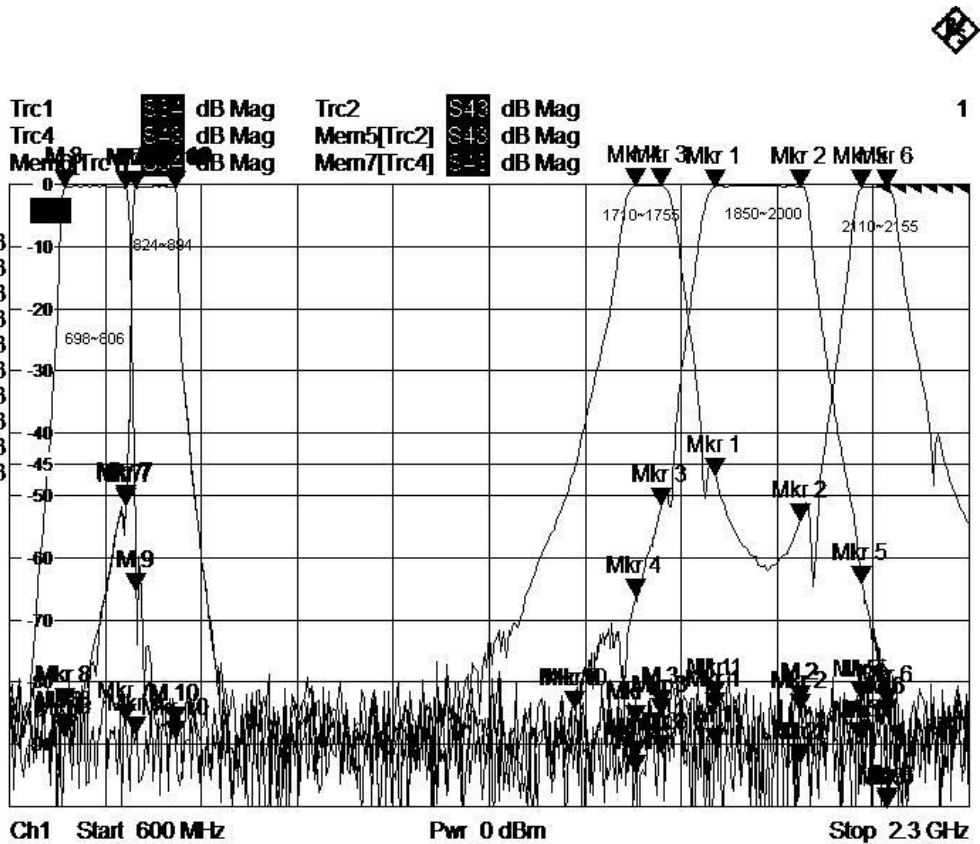
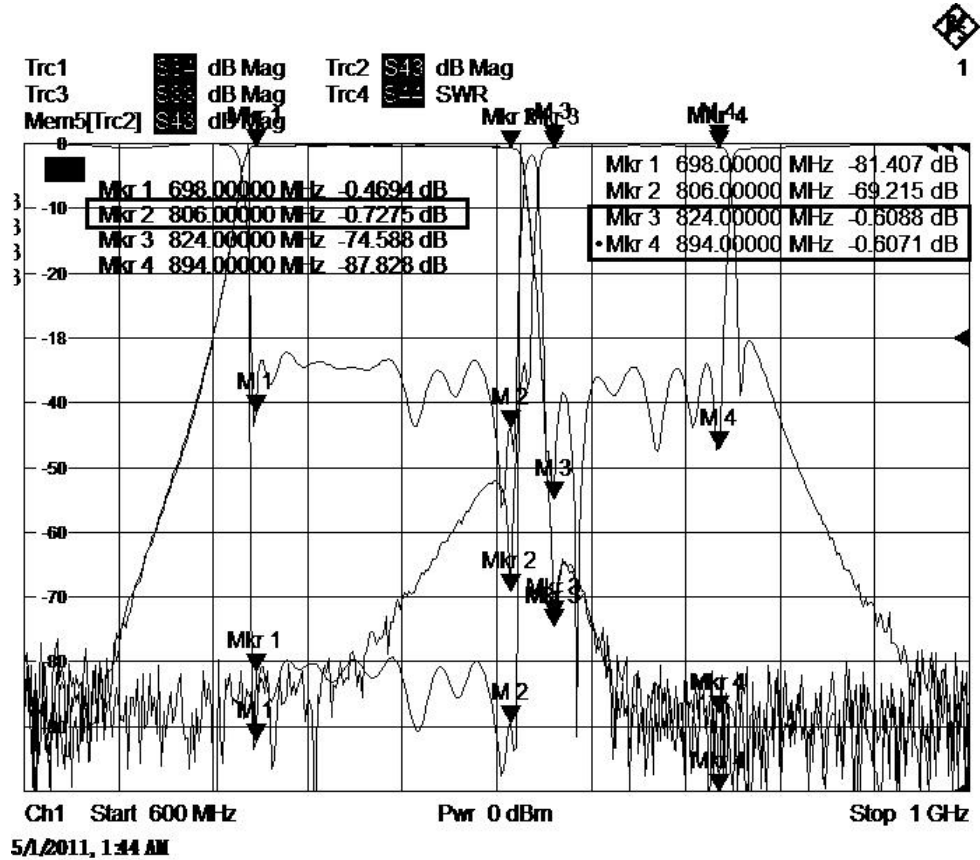


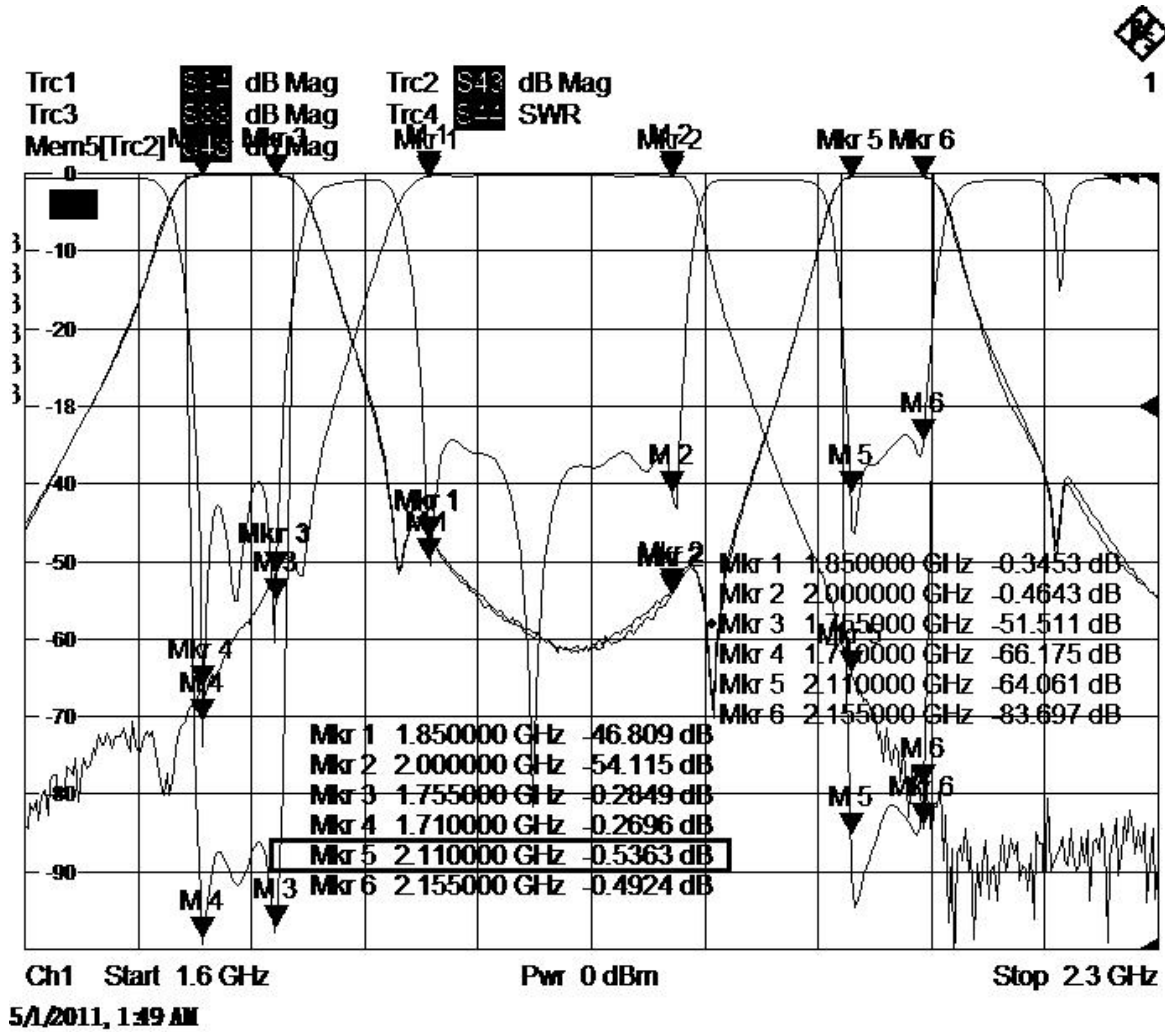
RF-LAMBDA

The power beyond expectations

RFMU700M2170-150PIM

150dBc High PIM 50W HIGH POWER 4 CHANNELS CAVITY MULTIPLEXER





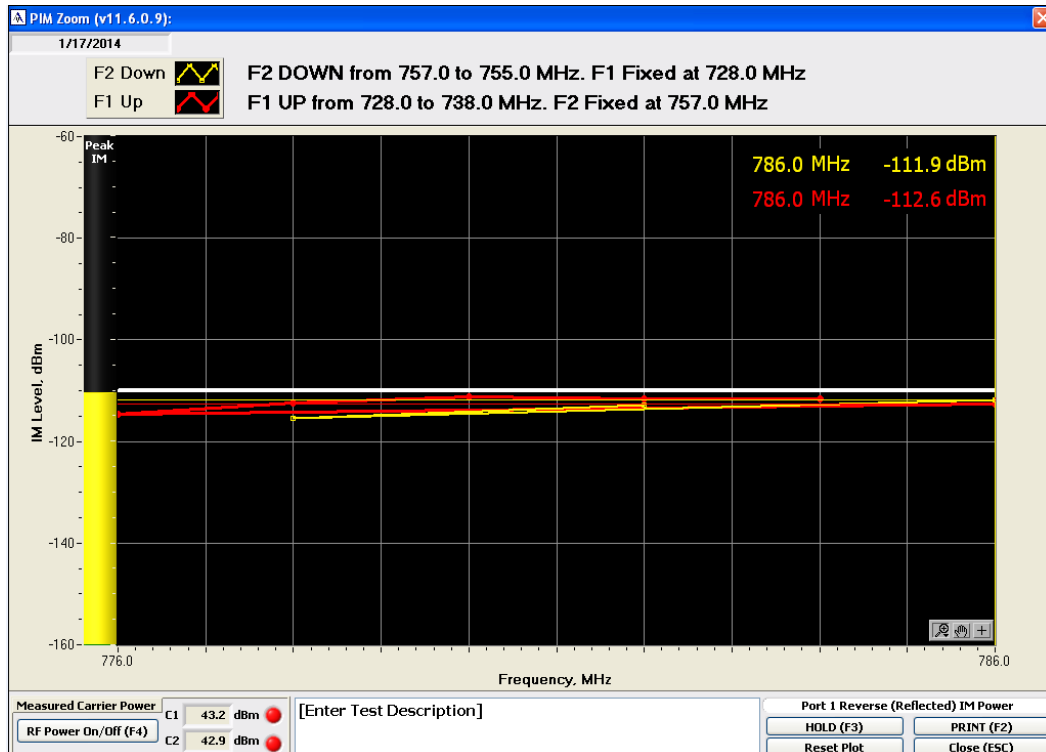
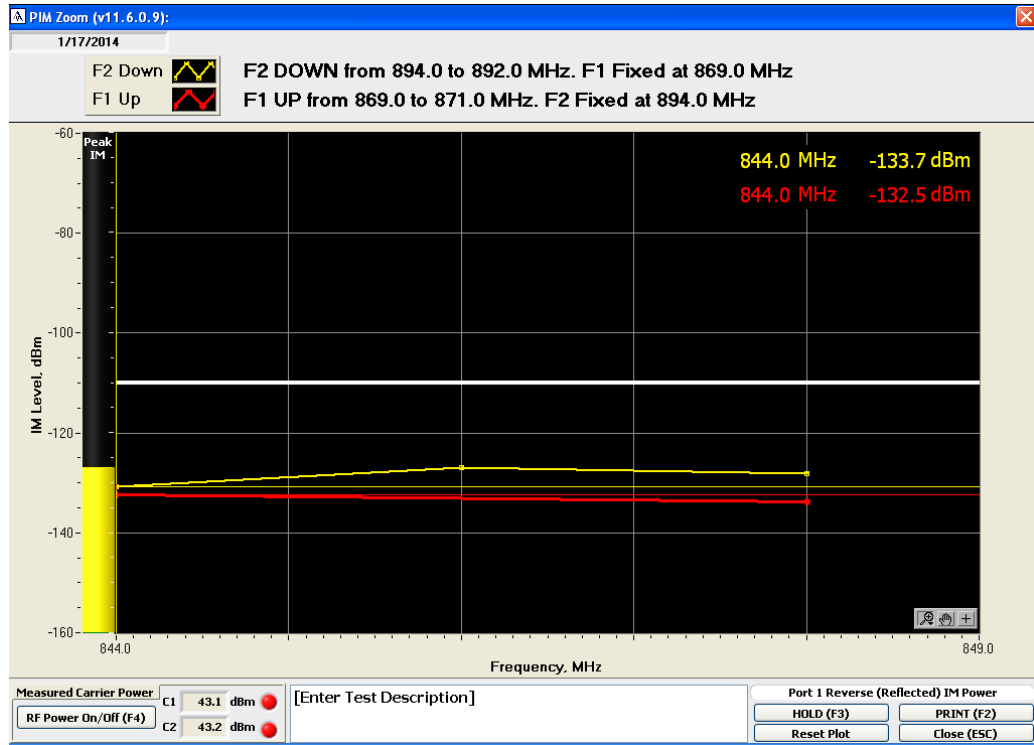
150dBc High PIM 50W HIGH POWER 4 CHANNELS CAVITY MULTIPLEXER

High PIM Testing Result

CH#	Port	Spec.	001#	002#	003#	Result
1	700MHz	-107dBm (-150dBc)	-154.9	-156.9	-152.4	PASS
2	800MHz	-107dBm (-150dBc)	-169	-167	-153.8	PASS
3	1800MHz	-107dBm (-150dBc)	-170	-175.7	-160	PASS
4	2100MHz	-107dBm (-150dBc)	-174	-161.2	-172.1	PASS



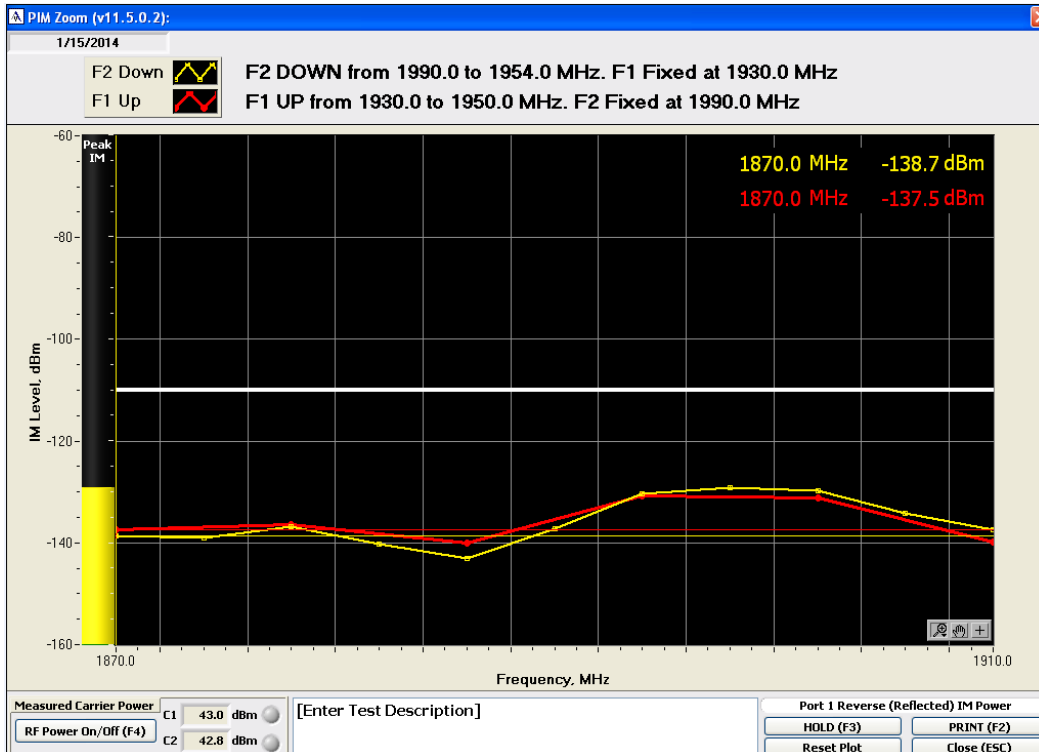
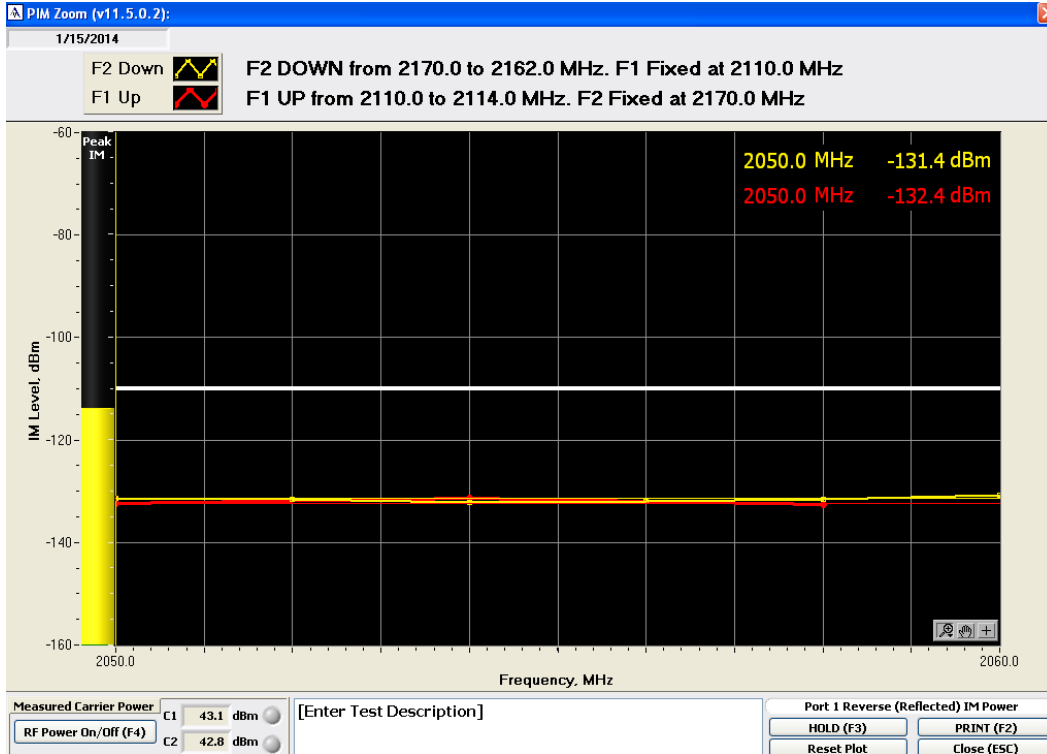
High PIM Testing Result



150dBc High PIM 50W HIGH POWER 4 CHANNELS CAVITY MULTIPLEXER



High PIM Testing Result



150dBc High PIM 50W HIGH POWER 4 CHANNELS CAVITY MULTIPLEXER