

KYOCERA SAW Filter
- GNSS -
Type Name : SF14-1582M5UUS1

May, 28, 2024

KYOCERA Corporation

Corporate Electronic Devices Group

Electronic Devices Division

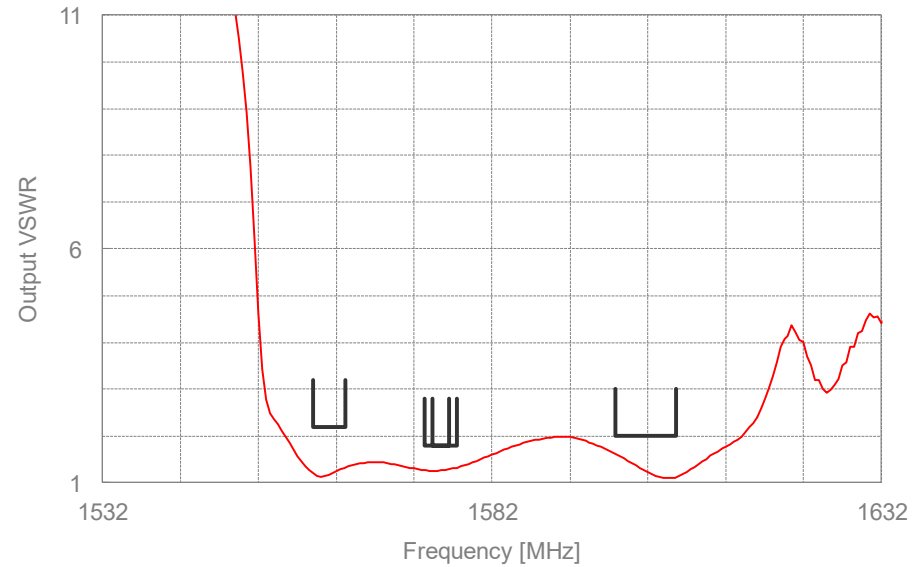
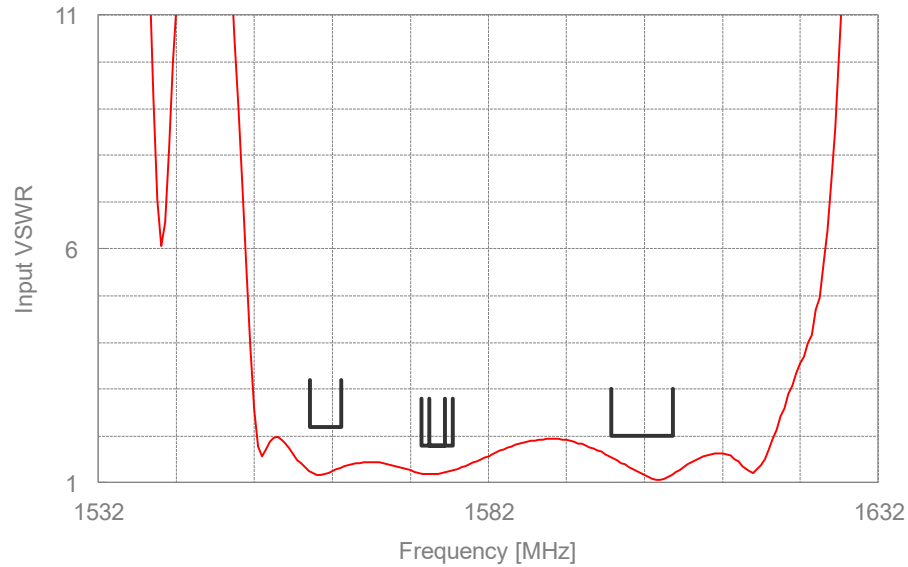
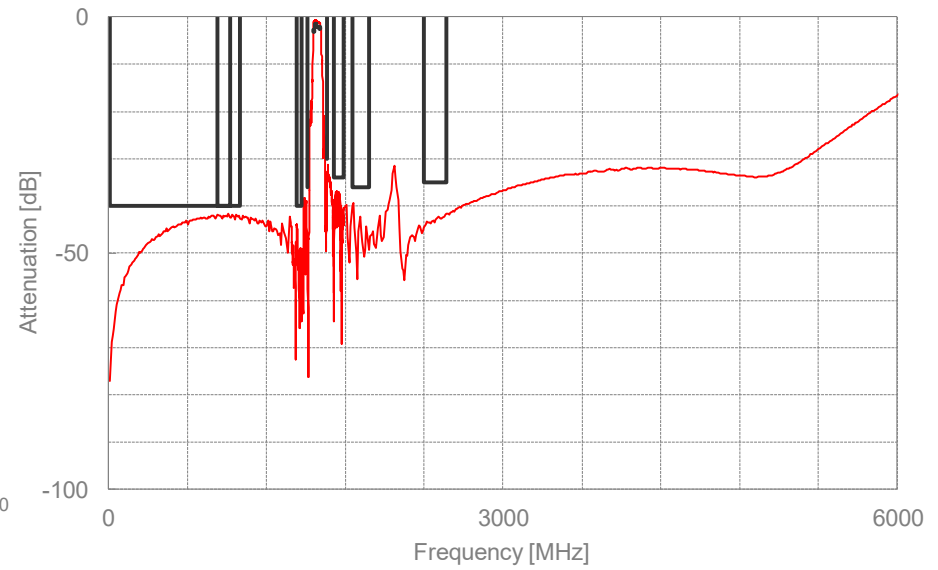
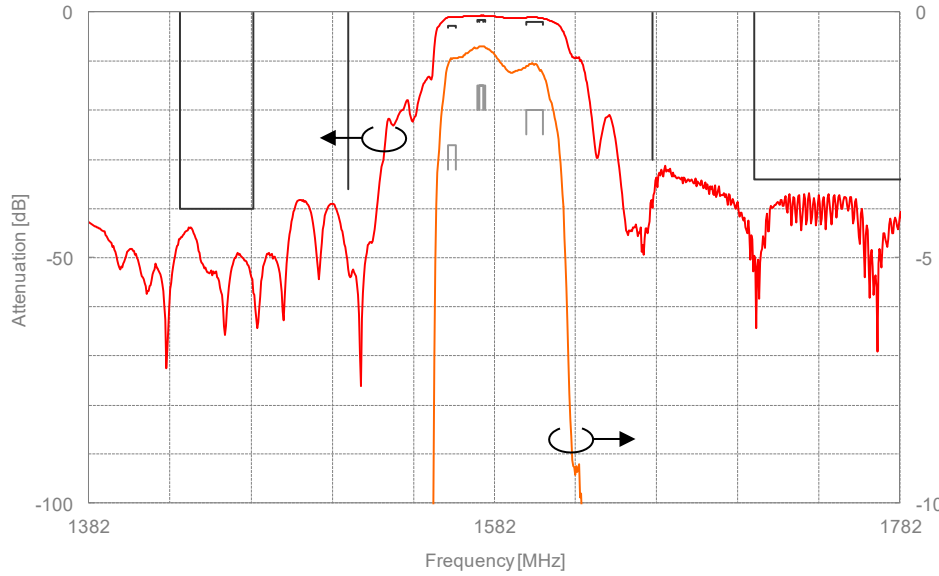
Items	Specification			Unit	Note
	min.	typ.	max.		
Operating Temperature Range	-40 to +85			deg.C	
Storage Temperature Range	-40 to +85			deg.C	
Max Input Power	-	-	+12	dBm	
Nominal Input Impedance	50			ohm	Unbalance
Nominal Output Impedance	50			ohm	Unbalance

Characteristic table

Items	Frequency [MHz]		Specification			Unit	Note
			min.	typ.	max.		
Nominal Center Frequency	-		1582			MHz	
Insertion Loss	1574.39	to 1576.45	-	0.9	1.5	dB	
	1597.78	to 1605.66	-	1.4	2.0	dB	
	1559.05	to 1563.15	-	1.4	2.8	dB	-40 to +85°C
					2.7	dB	-30 to +85°C
1573.37	to 1577.47	-	0.9	1.5	dB		
Input VSWR	1574.39	to 1576.45	-	1.2	1.8	-	
	1597.78	to 1605.66		1.5	2.0	-	
	1559.05	to 1563.15		1.4	2.2	-	
	1573.37	to 1577.47		1.3	1.8	-	
Output VSWR	1574.39	to 1576.45	-	1.2	1.8	-	
	1597.78	to 1605.66		1.6	2.0	-	
	1559.05	to 1563.15		1.3	2.3	-	
	1573.37	to 1577.47		1.3	1.8	-	
Absolute Attenuation	10	to 1000	40	42	-	dB	
	824	to 925	40	42	-	dB	
	1427	to 1463	40	45	-	dB	
	1510		36	49	-	dB	
	1660		30	37	-	dB	
	1710	to 1785	34	37	-	dB	
	1850	to 1980	36	39	-	dB	
2400	to 2570	35	40	-	dB		

Typical Curve Data

SF14-1582M5UUS1 Spec.



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