

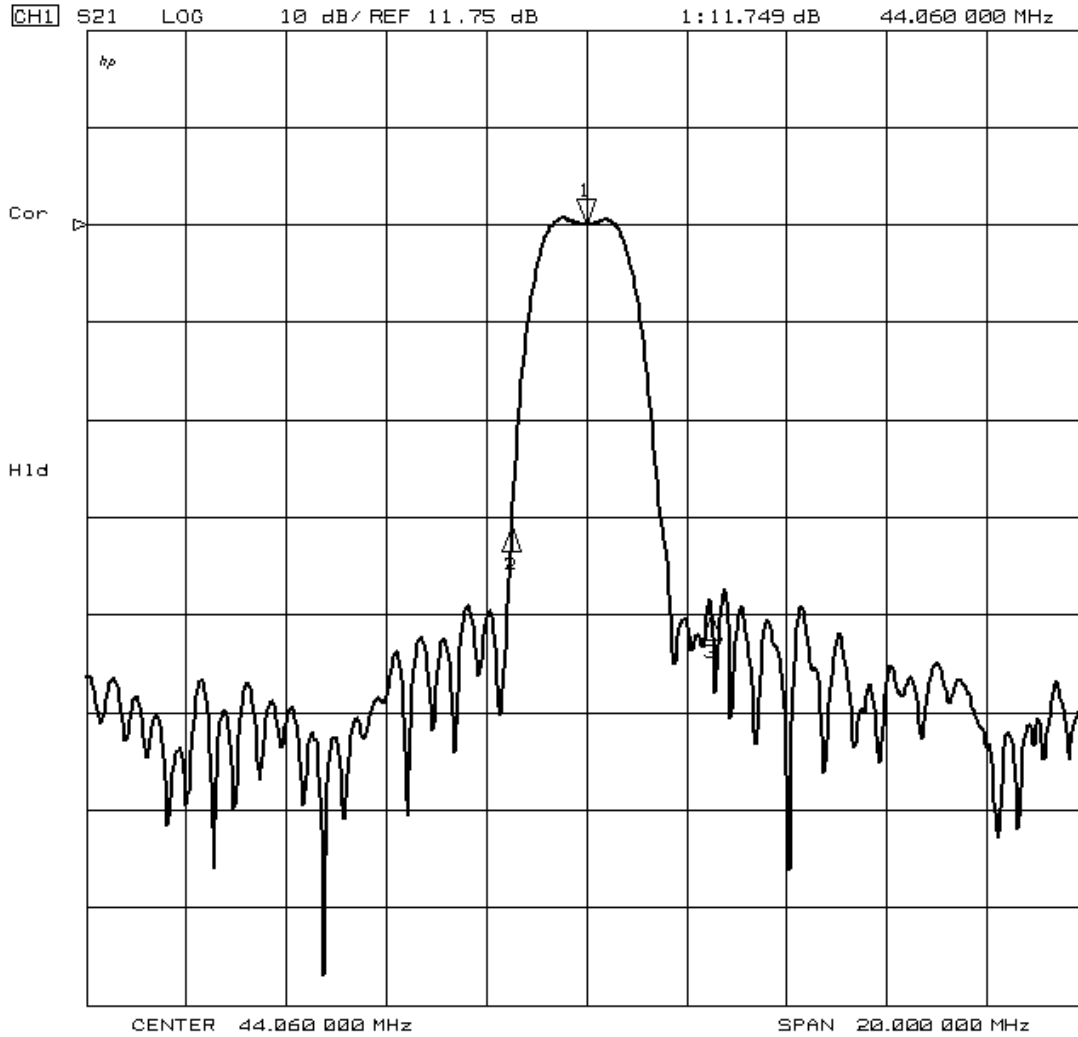
Customer Name	Standard specification	FUJITSU MEDIA DEVICES LIMITED	
Application	IF Filter for Terrestrial-TV		
System	America		
Picture Carrier Frequency	44.00MHz	DATE	Sep. 12, 2005
FMD Part Number	FAR-F4SE-44M000-A011	Version	1.1

Table 1 Proposal Specification (Ta=25°C)

() at 45°C							
Items	Conditions	Specification			Unit	Remarks	
		Min	Typ	Max			
Insertion Loss	44.06 (44.00) MHz	12.5	14.0	15.5	dB		
Band Width	3dB down	---	1.7	---	MHz		
	6dB down	---	2.0	---	MHz		
	30dB down	---	2.9	---	MHz		
Relative Attenuation	42.56 (42.50) MHz	---	-33	-25	dB		
	44.06 (44.00) MHz	---	0(Ref.)	---	dB	Reference	
	46.56 (46.50) MHz	---	-37	-27	dB		
	Lower sidelobe	35.06 ~ 41.36 MHz (35.00 ~ 41.30 MHz)	---	-41	-35	dB	
		41.36 ~ 42.36 MHz (41.30 ~ 42.30 MHz)	---	-39	-34	dB	
	Upper sidelobe	45.86 ~ 47.26 MHz (45.80 ~ 47.20 MHz)	---	-34	-29	dB	
		47.26 ~ 55.06 MHz (47.20 ~ 55.00 MHz)	---	-39	-33	dB	
Group Delay Ripple	43.06 ~ 45.06 MHz (43.00 ~ 45.00 MHz)	---	80	150	ns		
Capacitance at 1MHz	Input	---	13.7	---	pF		
	Output	---	2.0	---	pF		
Temperature drift	Cf	---	-72	---	ppm/°C		

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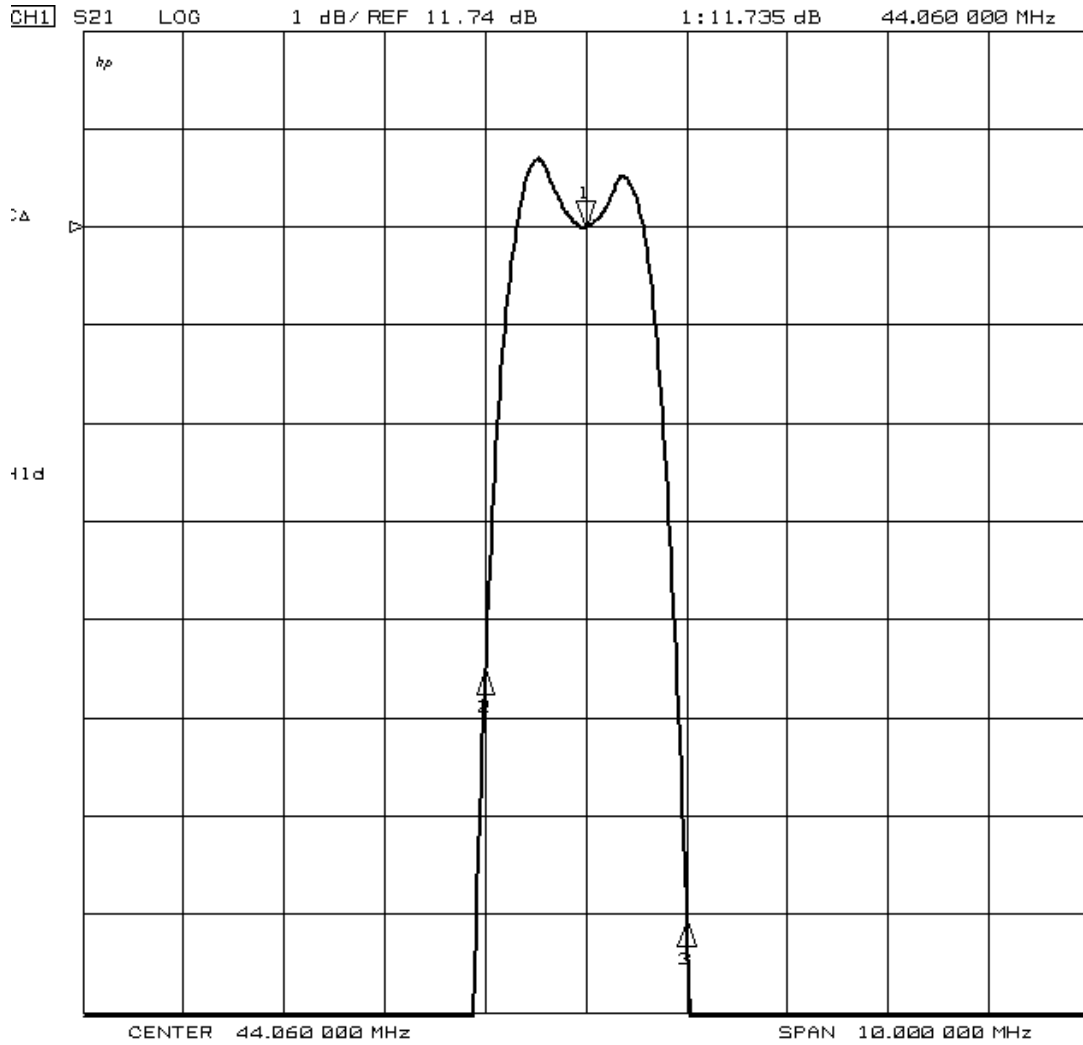
Amplitude Response (10dB/div)



Marker1 : 44.06 MHz
 Marker2 : 42.56 MHz
 Marker3 : 46.56 MHz

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Amplitude Response (1dB/div)

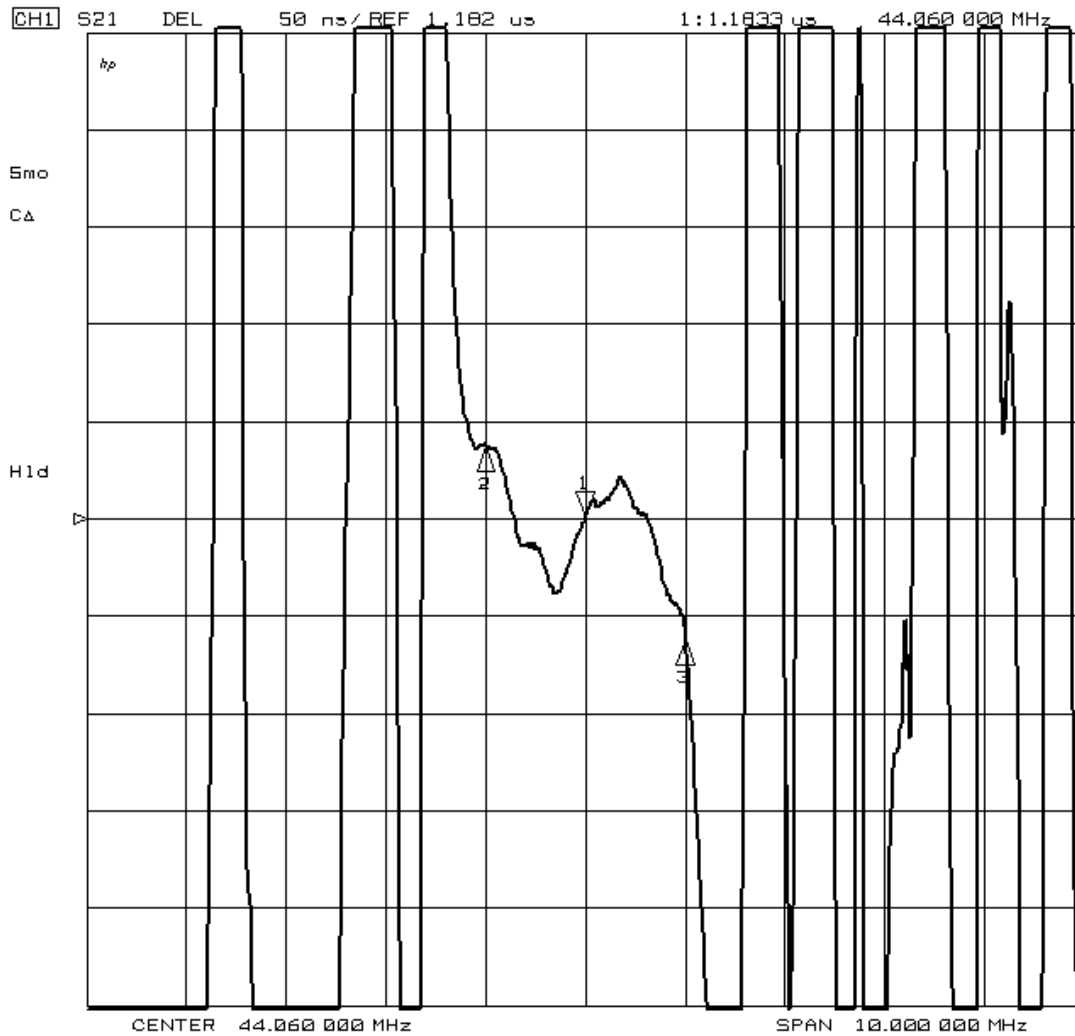


Marker1 : 44.06 MHz
 Marker2 : 43.06 MHz
 Marker3 : 45.06 MHz

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Group Delay (50ns/div)

Delay Aper.=200kHz



Marker1 : 44.06 MHz

Marker2 : 43.06 MHz

Marker3 : 45.06 MHz