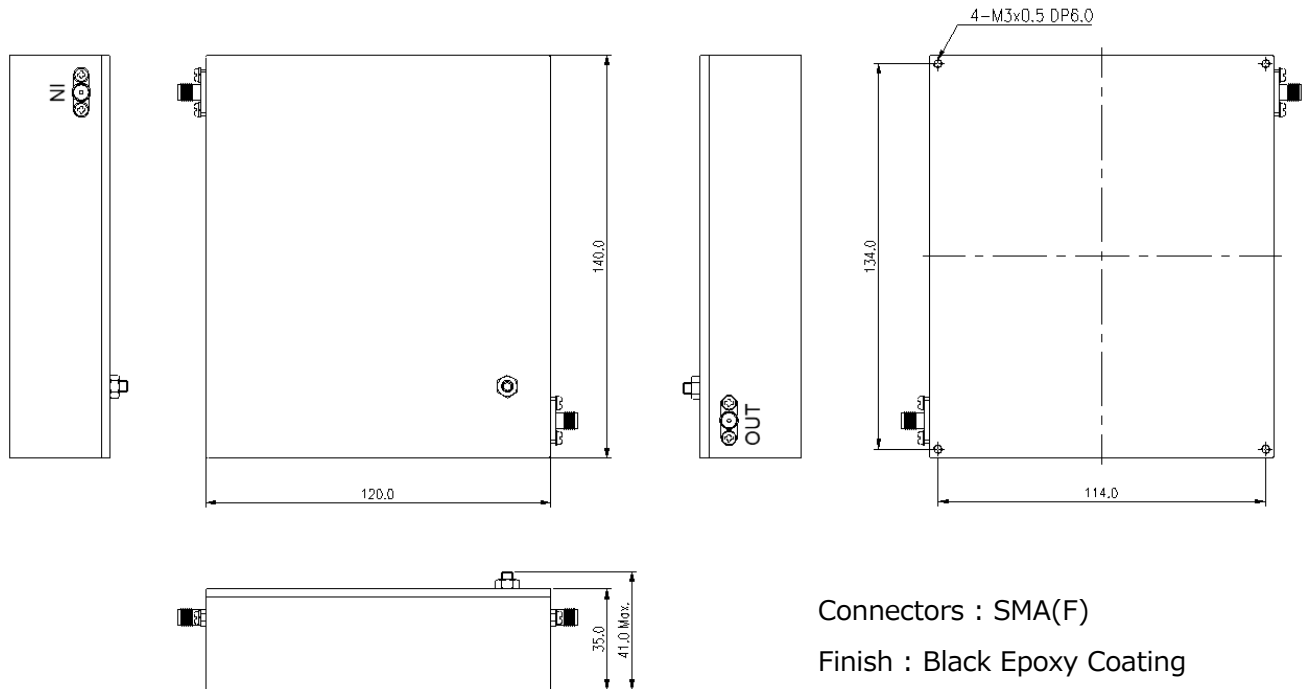


HD34168

GDT DR Band Pass Filter

■ Mechanical Drawing



■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	2361MHz	
2. Bandwidth	$F_o \pm 10\text{MHz}$ (2351 ~ 2371MHz)	
3. Insertion Loss in BW	0.8dB Max.	
4. Group Delay	80.0nS Max.	
5. Return Loss in BW	14dB Min.	
6. Rejection	55dBc Min. @ 2336MHz 60dBc Min. @ 2386MHz 70dBc Min. @ 1000 ~ 2326MHz 70dBc Min. @ 2411 ~ 6000MHz 50dBc Min. @ 6200 ~ 9480MHz	



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GDT DR Band Pass Filter

7. Power Handling	30W CW Max.	
8. In/Out Impedance	50Ω	
9. Temperature Range	-40°C ~ +85°C	
10. Humidity	Up to 95% RH @ 35°C	
11. Altitude	Up to 10,000ft	
12. Dimension[WxDxH]	140.00 X 120.0 X 35mm Max	
13. Weight	1.1Kgs Max.	

※It is subjected to change with prior notice.

■ **Environmental Specification**

Parameter	Specification	Remark
1. Altitude	10,000ft	
2. Humidity	Up to 95% @ 35°C	
3. Fungus	MIL-STD-810G Method 508.6	
4. Vibration	MIL-STD-810G Method 514.6, Cat 6	
5. Salt Atmosphere	MIL-STD-810G Method 509.5	

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GDT DR Band Pass Filter

Test Curve

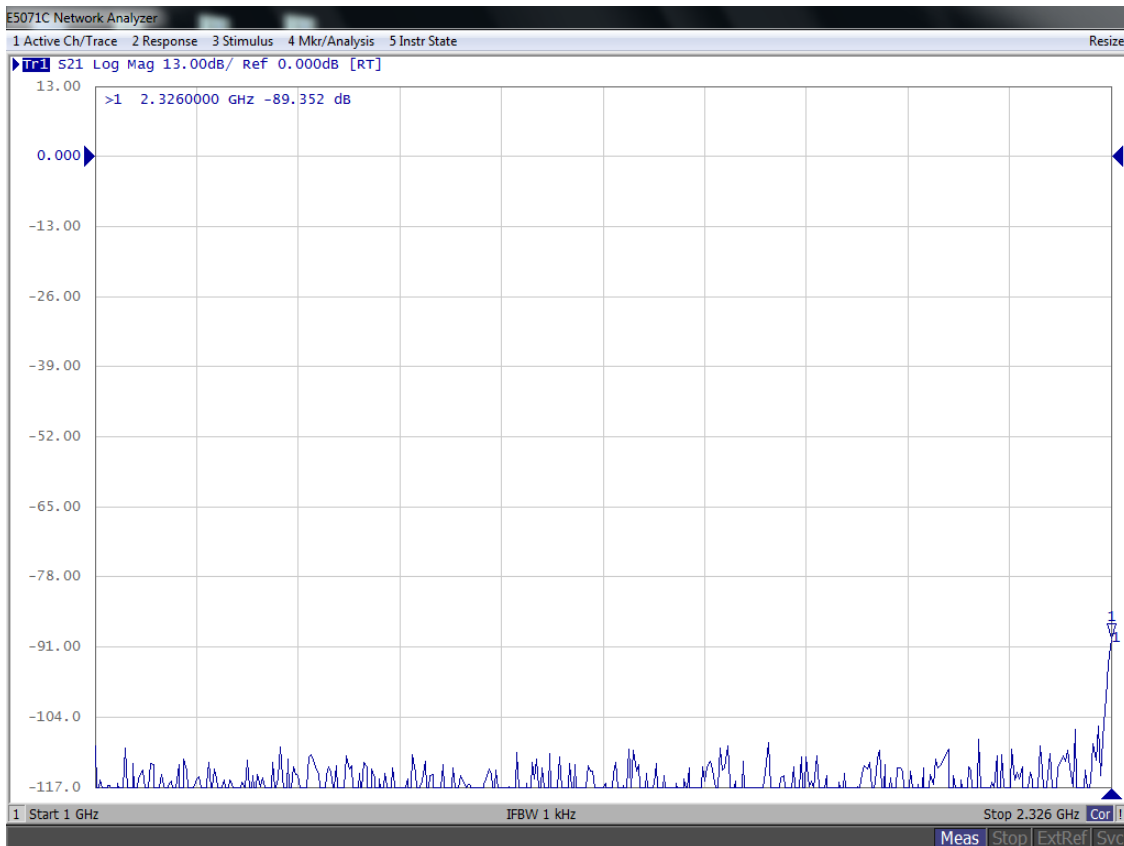


338 Jericho Tpke. Ste 387, Syosset, NY 11791

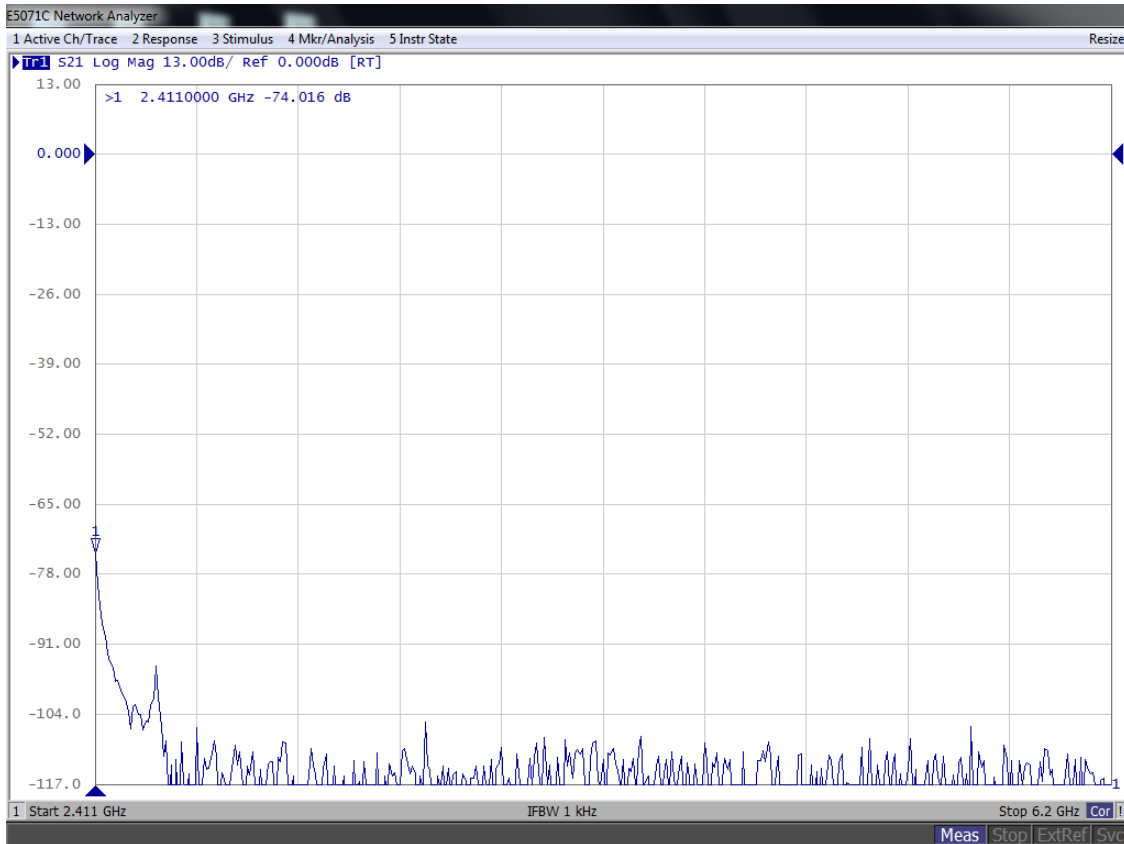
Tel: (631) 588-3877 Email: sales@hdcom.com

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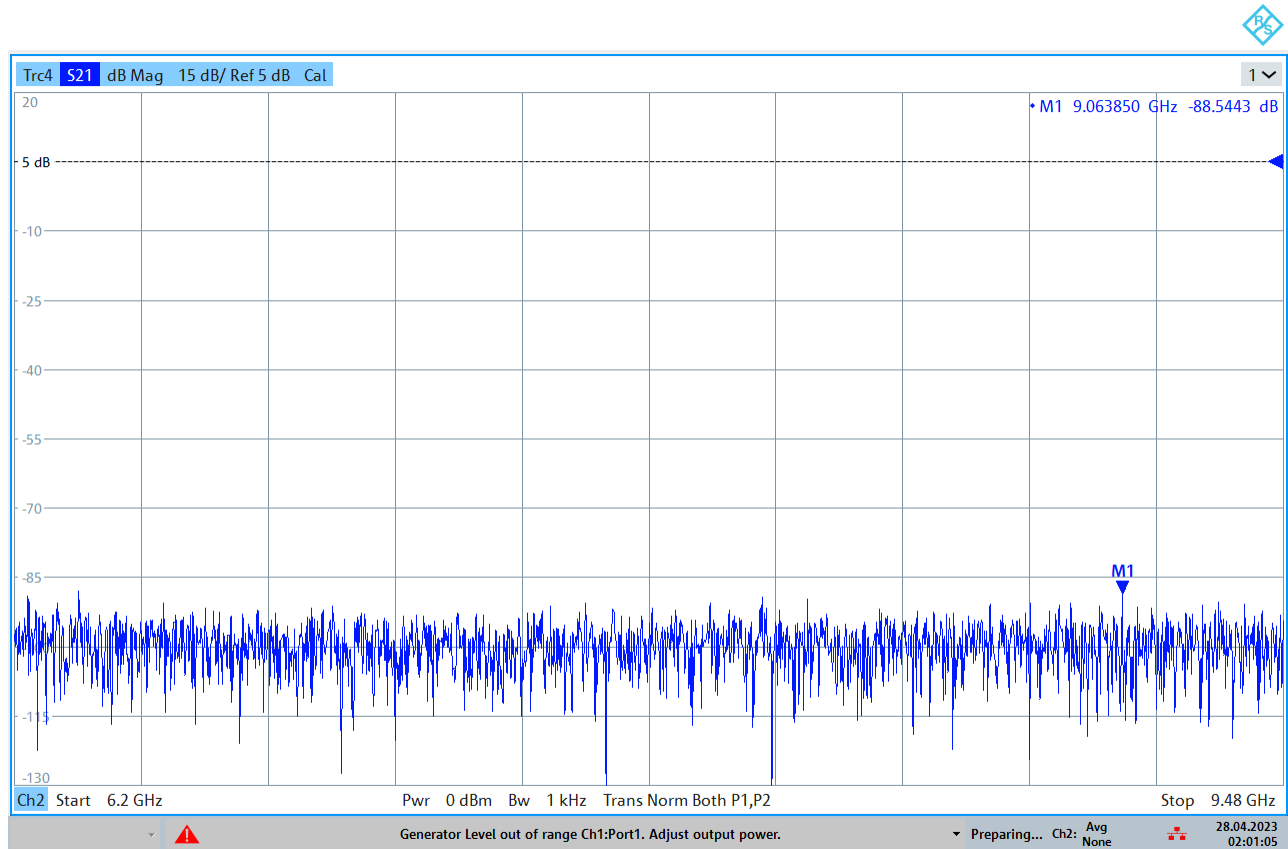
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Rejection 1000 ~ 2326MHz



Rejection 2411 ~ 6000MHz



02:01:05 28.04.2023

Rejection 6200 ~ 9480MHz