



SOONTAI TECH CO., LTD.

CATV / SMATV / RADIO COMMUNICATION

No. 118, Lane 942, Ta Wan RD., Yung Kang City 710, Taiwan

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URL: <http://www.soontai.com.tw>

E-mail: [soontai@ms9.hinet.net](mailto:soontai@ms9.hinet.net)

Date: January 23, 2006

MODEL NO : HPF-85MH

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Customer: TKI Tele Kabel

×	SPECS. CHECK POINTS-REMARKS	FINDINGS	APPROVAL	REJECT
1	MATERIAL : BRASS			
2	FINISH : NICKEL PLATED			
3	THREADING (PORT) : 3/8"-32UNEF			
4	ACTUAL TEST W/F MALE CONNECTOR			
5	LABEL ARTWORK (NAME PLATE)			
6	SMD P.C.B. CIRCUIT			
7	WATER RESISTANCE			

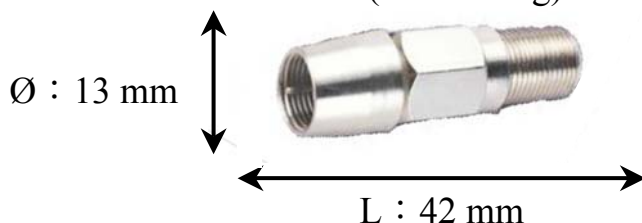
  

ITEM	TYPICAL	Q/C LIMIT	FINDING
Frequency Range	5-1000 MHz	5-1000 MHz	
Pass Band Frequency Range	85-1000 MHz	85-1000 MHz	
Stop Band Frequency Range	5-65 MHz	5-65 MHz	
Insertion Loss (dB maximum)			
85-90 MHz	1.0 dB	1.5 dB	
91-1000 MHz	0.5 dB	1.0 dB	
Return Loss (dB minimum)			
85-90 MHz	18 dB	15 dB	
91-1000 MHz	20 dB	16 dB	
Stop Band Attenuation			
5-65 MHz	60 dB	55 dB	
Impedance	75 Ohm	75 Ohm	

HPF-85MH

Label

(N. W.: 17 g)





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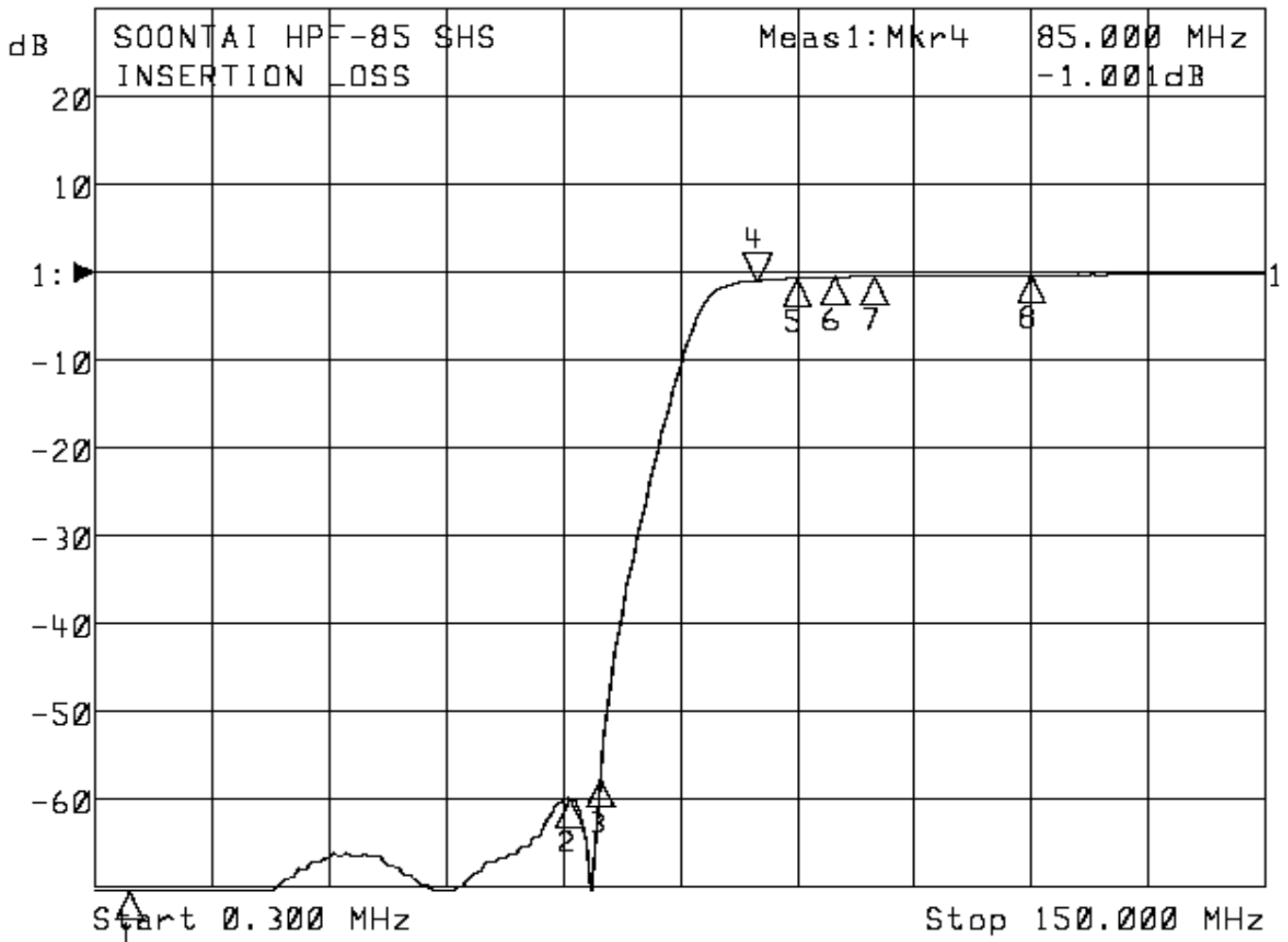
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Picture A

▶1: Transmission /M Log Mag 10.0 dB/ Ref 0.00 dB

▶2: Off



1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1:	5.0000	-98.292	
2:	61.0000	-59.902	
3:	65.0000	-57.732	
4>	85.0000	-1.001	
5:	90.0000	-0.718	
6:	95.0000	-0.606	
7:	100.0000	-0.488	
8:	120.0000	-0.332	



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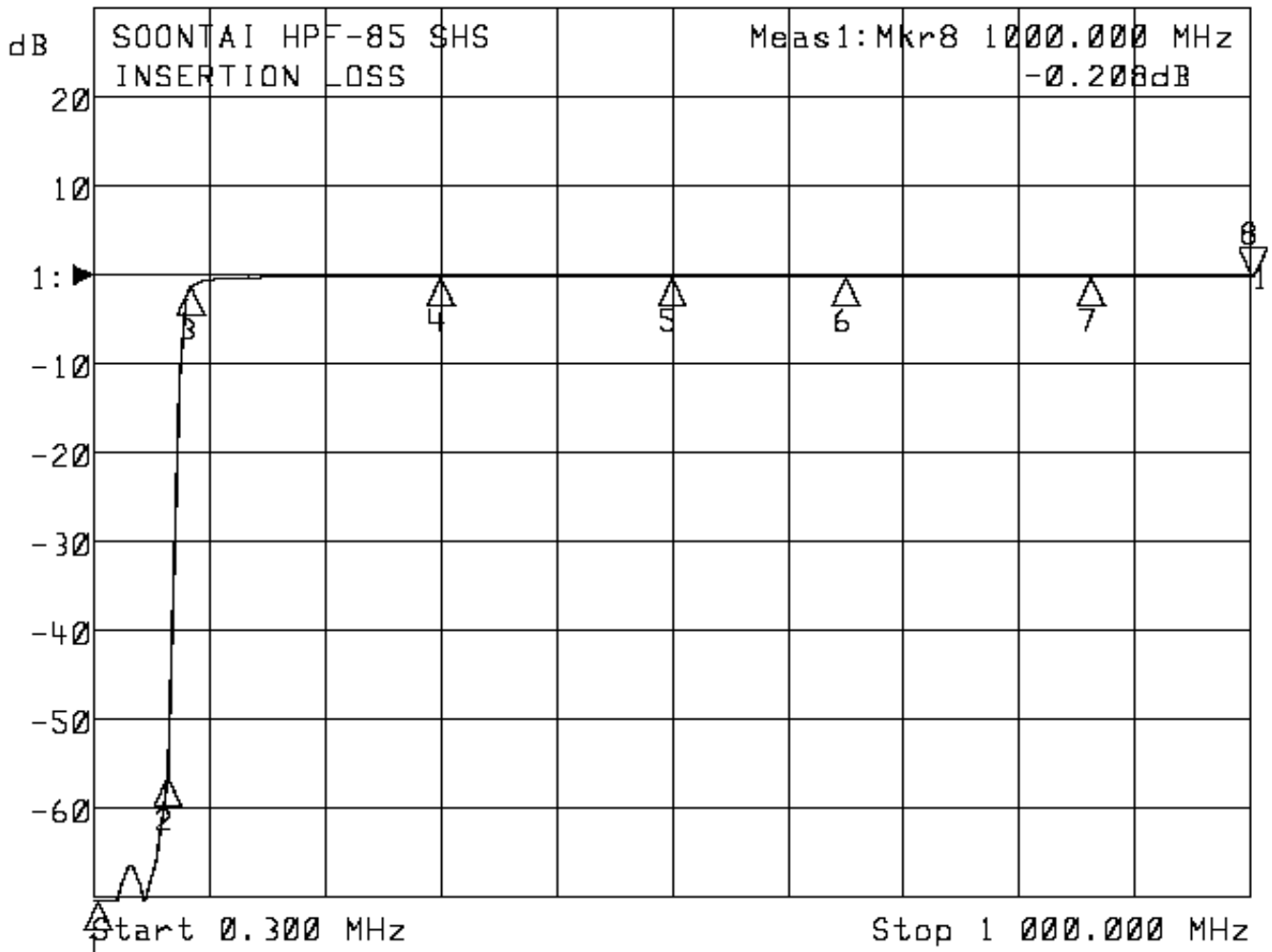
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Picture B

►1: Transmission /M Log Mag 10.0 dB/ Ref 0.00 dB

►2: Off



1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1:	5.0000		-95.531
2:	65.0000		-56.541
3:	85.0000		-1.285
4:	300.0000		-0.199
5:	500.0000		-0.197
6:	650.0000		-0.213
7:	862.0000		-0.155
8>	1000.0000		-0.208



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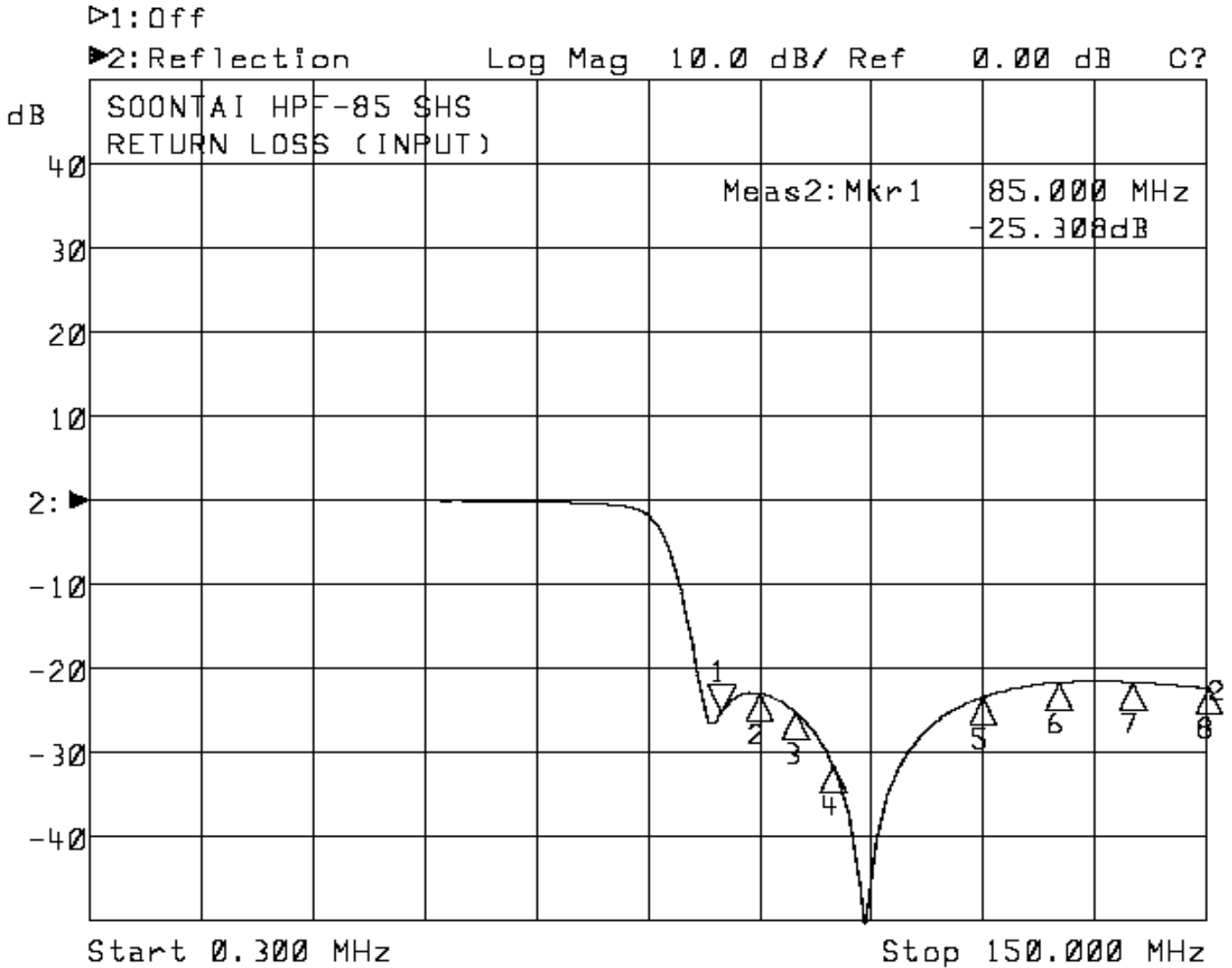
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Picture C



1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
		1:	85.0000 -25.308
		2:	90.0000 -22.993
		3:	95.0000 -25.283
		4:	100.0000 -31.549
		5:	120.0000 -23.432
		6:	130.0000 -21.738
		7:	140.0000 -21.705
		8:	150.0000 -22.350



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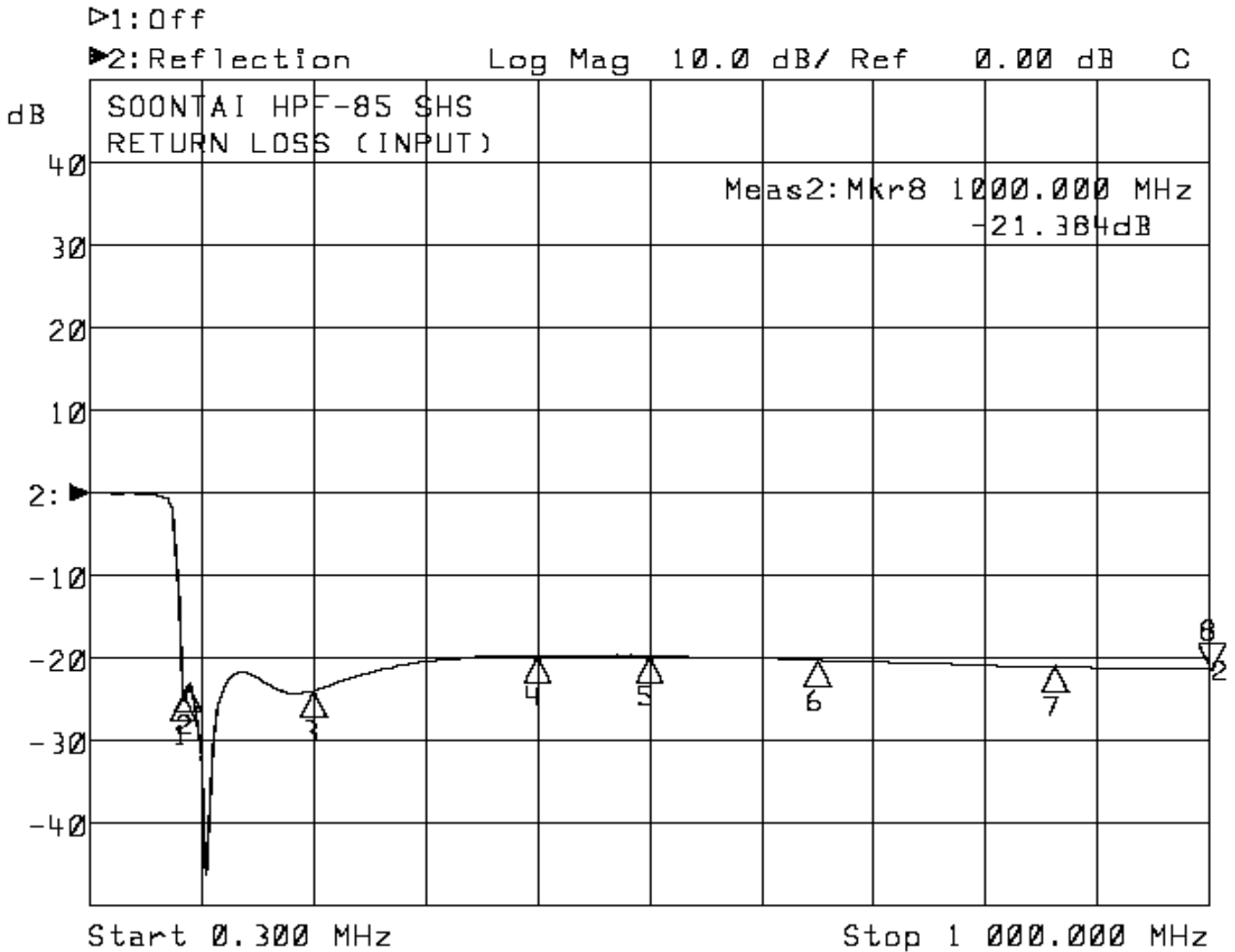
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Picture D



1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
		1:	85.0000 -24.577
		2:	90.0000 -23.209
		3:	200.0000 -24.053
		4:	400.0000 -19.789
		5:	500.0000 -19.703
		6:	650.0000 -20.287
		7:	862.0000 -21.093
		8>	1000.0000 -21.384



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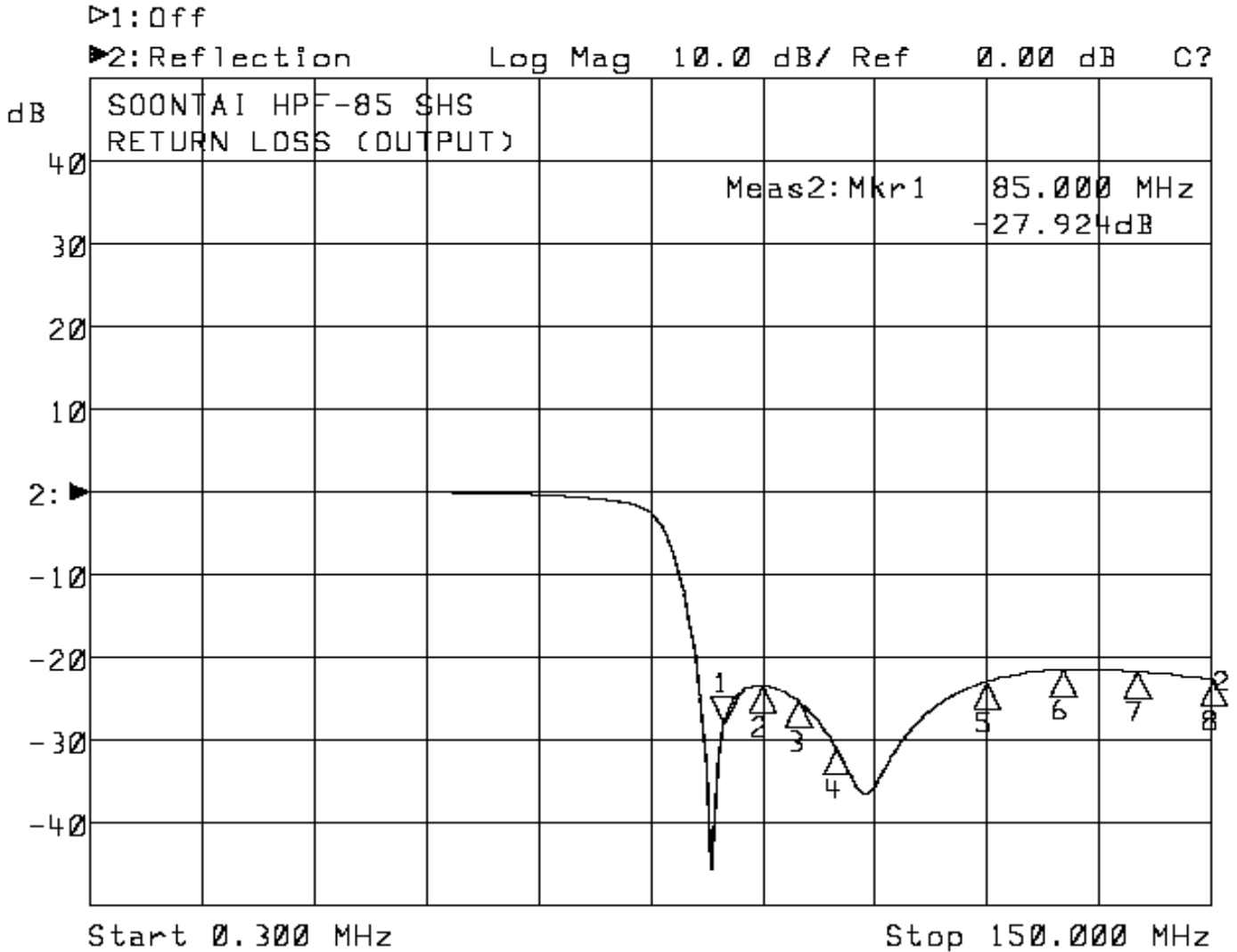
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Picture E



1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
		1 > 85.0000	-27.924
		2: 90.0000	-23.443
		3: 95.0000	-25.370
		4: 100.0000	-31.014
		5: 120.0000	-22.925
		6: 130.0000	-21.522
		7: 140.0000	-21.741
		8: 150.0000	-22.663



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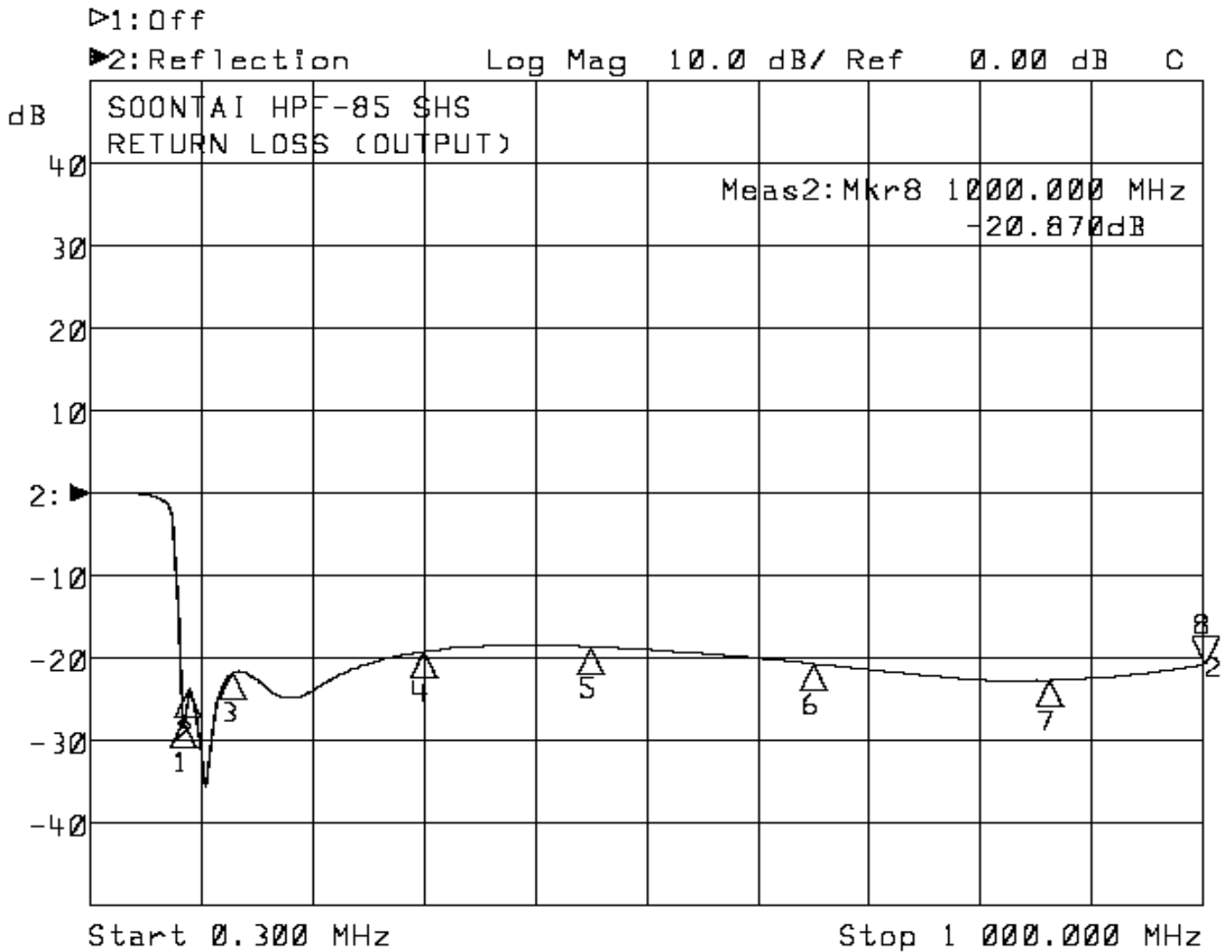
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Picture F



1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
		1:	85.0000 -27.699
		2:	90.0000 -23.920
		3:	130.0000 -21.729
		4:	300.0000 -19.243
		5:	450.0000 -18.668
		6:	650.0000 -20.713
		7:	862.0000 -22.762
		8:	1000.0000 -20.870