



**SUMMARY TEST DATA
ON
PTB-40-0R118-6R5-21-120VAC-1U-SFF**

S/N: PL13768/1336

Customer: _____	Tested By: <u>K. Mansfield</u>
SO No: _____	Temperature: <u>+25°C</u>
Model No: <u>PTB-40-0R118-6R5-21-120VAC-1U-SFF</u>	Date: <u>09/06/13</u>
Serial No: <u>PL13768/1336</u>	Drawing No: <u>27615587</u> Rev: <u>A1</u>

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range:	100 MHz – 18.0 GHz	100 MHz – 18.0 GHz	
2	Gain:	+40dB Min.	43dB Min	
3	*Gain Flatness:	±3.5dB Max.	±3.23dB	
4	Noise Figure:	6.5dB Typ.	5.21dB	
5	OP1dB:	20dBm Min.	> 20dBm	
6	Attenuation Range:	50dB Min. 60dB Typ. (1dB Steps)	55dB	
7	AC Power:	120VAC / 60 Hz	120VAC / 60Hz	
8	RS-232 Control: 0dB to 60dB Baud Rate: 9600 # of Bits: 8 Stop Bits: 1 No Parity No Flow Control	ATN <u>XX</u> Where <u>XX</u> is desired attenuation value in dB.	Pass	

*With No Attenuation Selected.

QA/QC Approval: _____ Date: _____

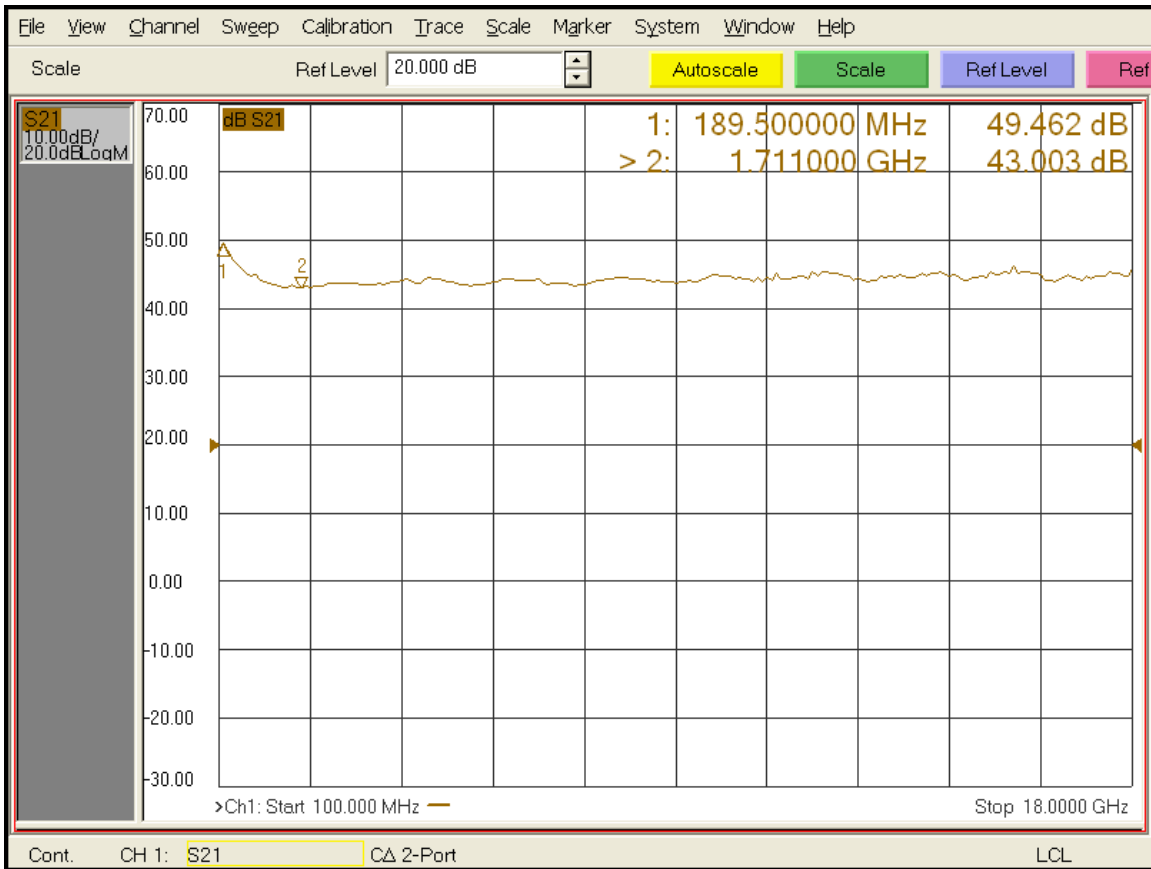
7311-F Grove Road Frederick, MD 21704 USA Phone: (301)662-5019 Fax: (301)662-1731
Email: sales@pmi-rf.com



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Swept S-Parameter Plot (Full Gain)

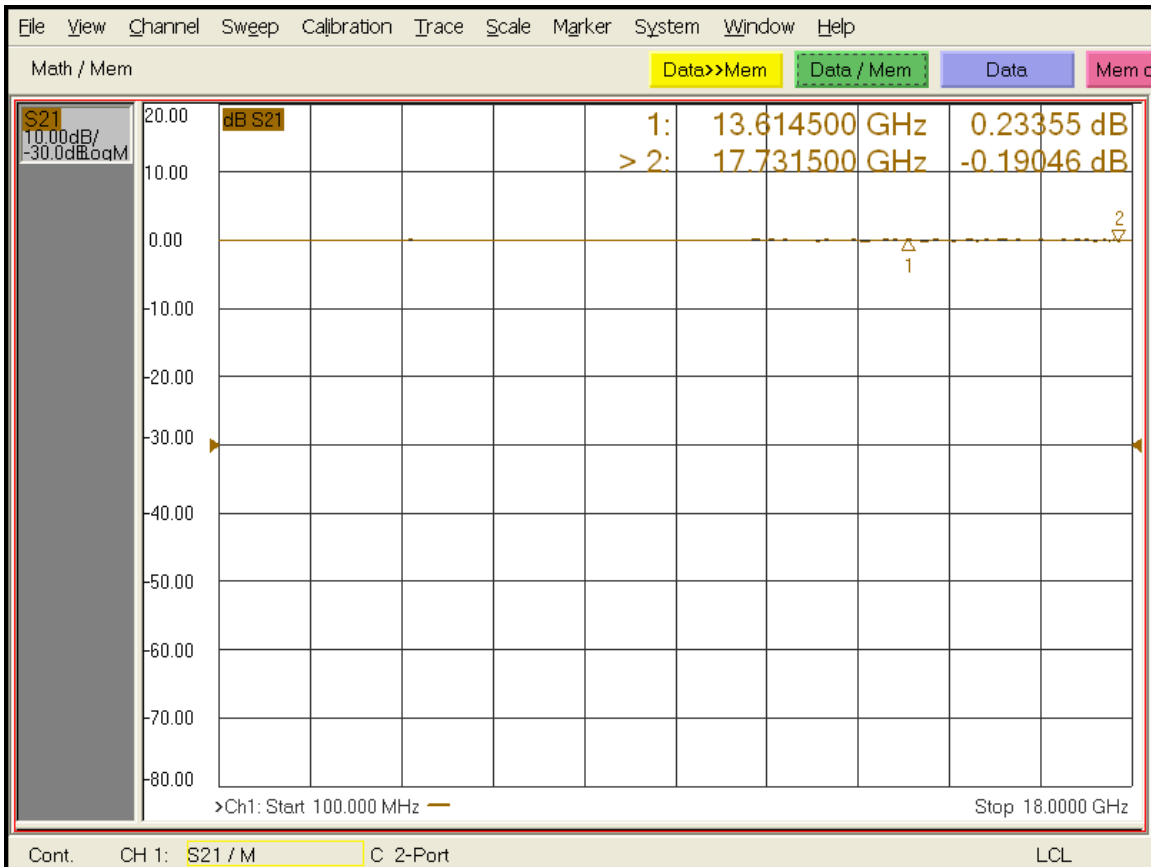




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Normalized Attenuation (0 dB)

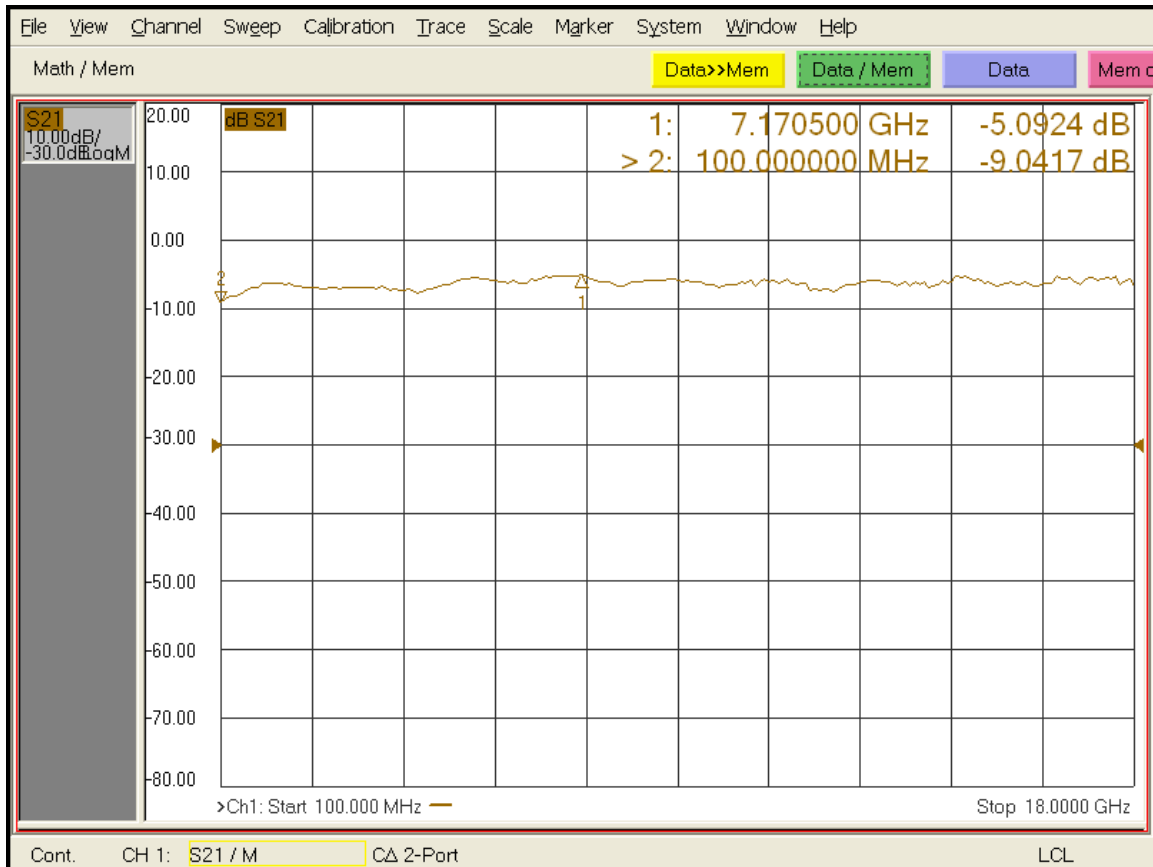




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Normalized Attenuation (10 dB)

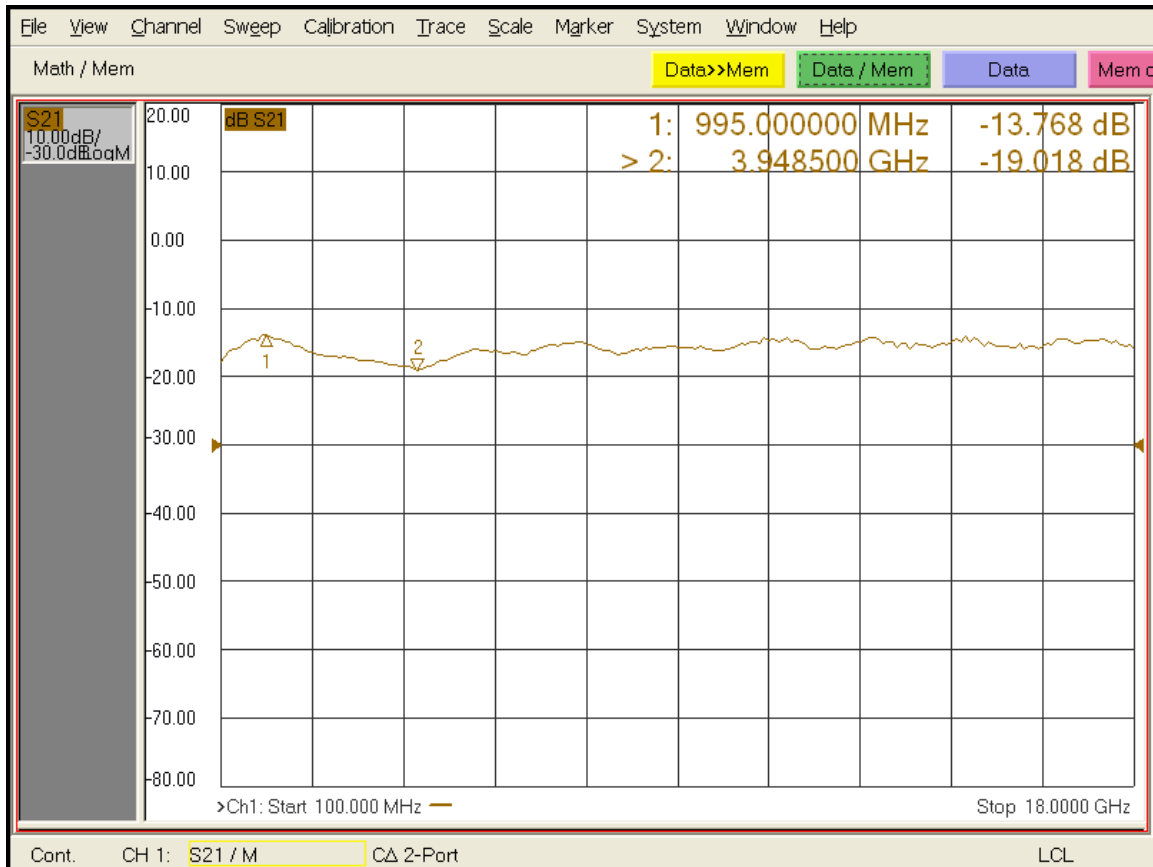




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Normalized Attenuation (20 dB)

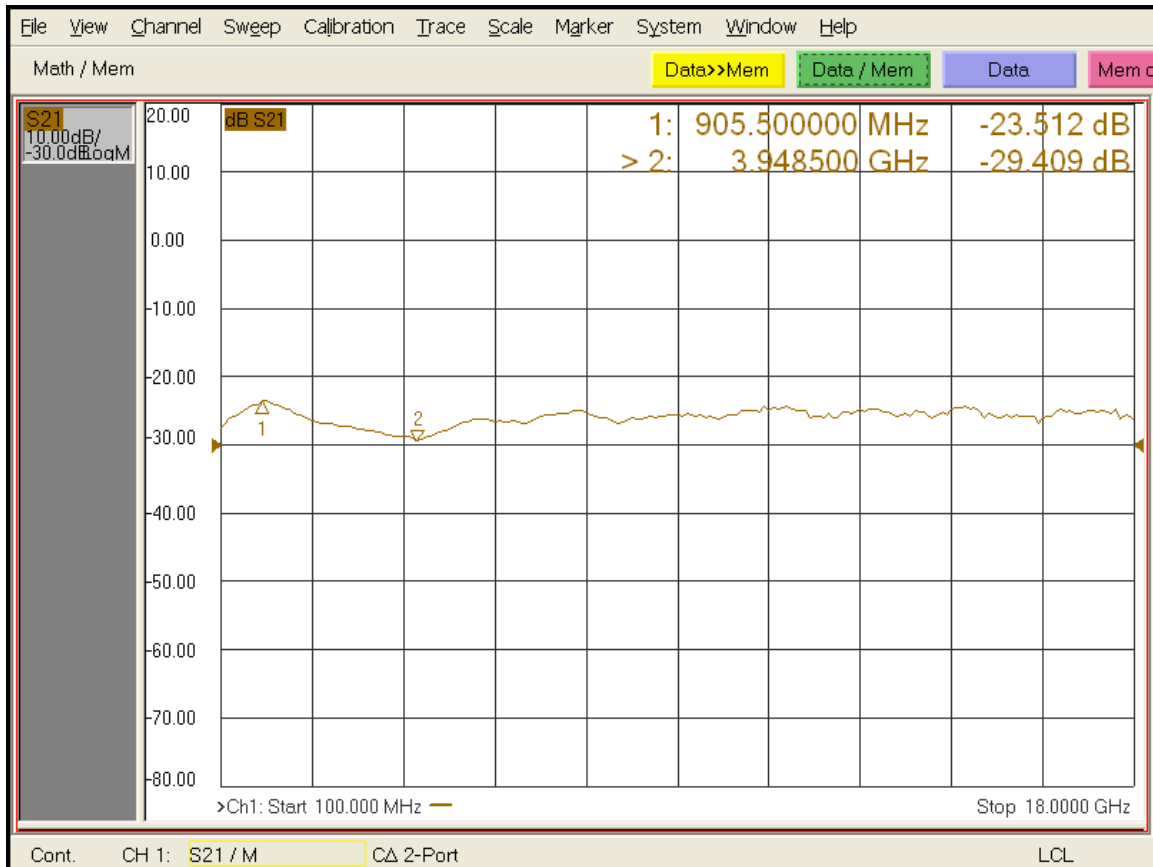




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Normalized Attenuation (30 dB)

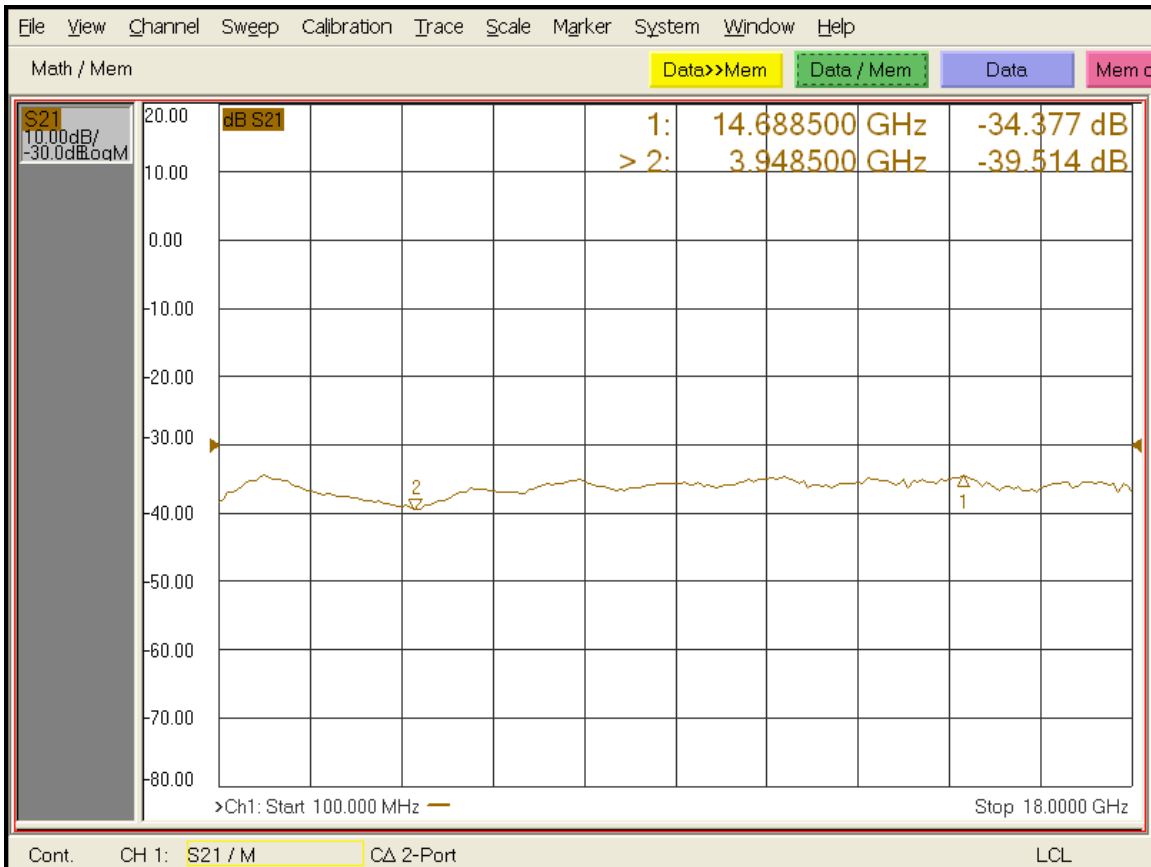




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Normalized Attenuation (40 dB)

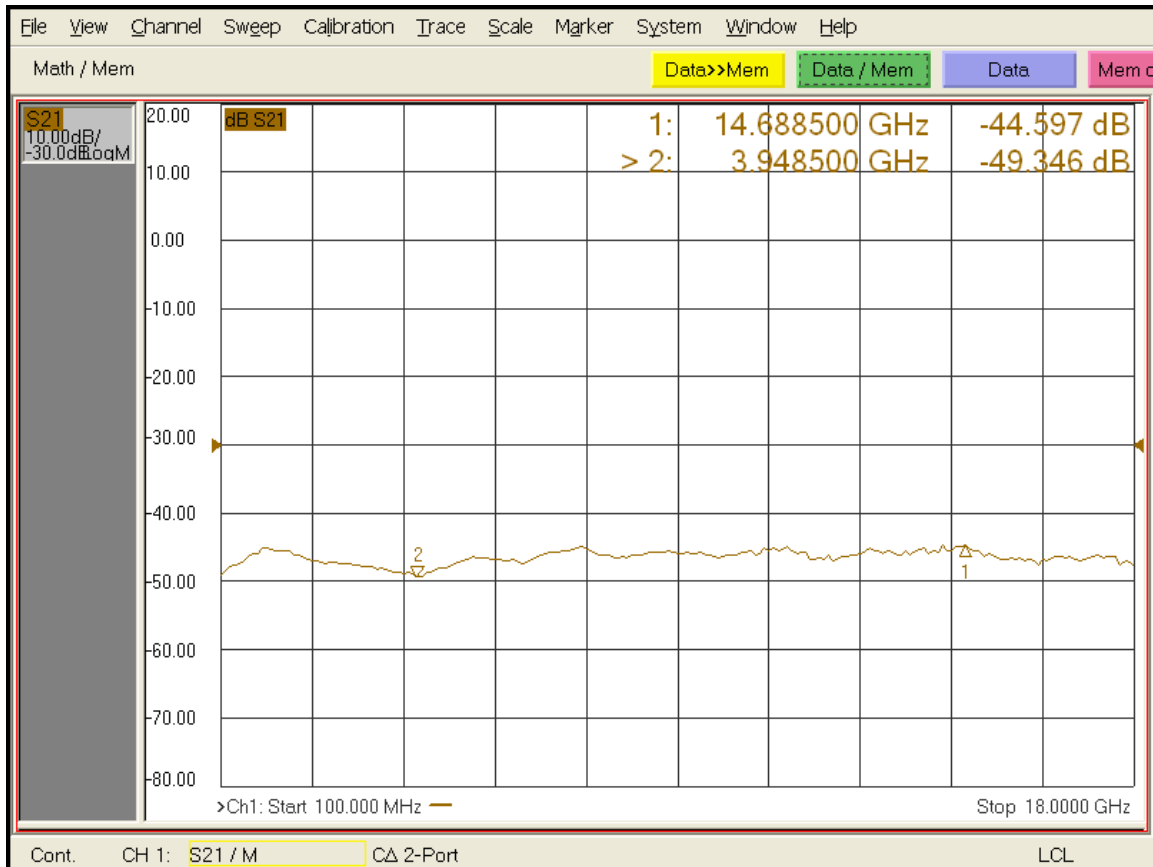




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Normalized Attenuation (50 dB)





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Normalized Attenuation (60 dB)

