



TEKBOX TBAS2 Digital Solutions User Guide

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TEKBOX
DIGITAL SOLUTIONS

TEKBOX TBAS2 Digital Solutions



The TBAS2 RF attenuator set consists of a 3dB, 6dB, 10dB, 15dB, 20dB and 30dB SMA attenuators in a beech

wood box. Furthermore it contains two pieces SMA 50 Ohm terminations.

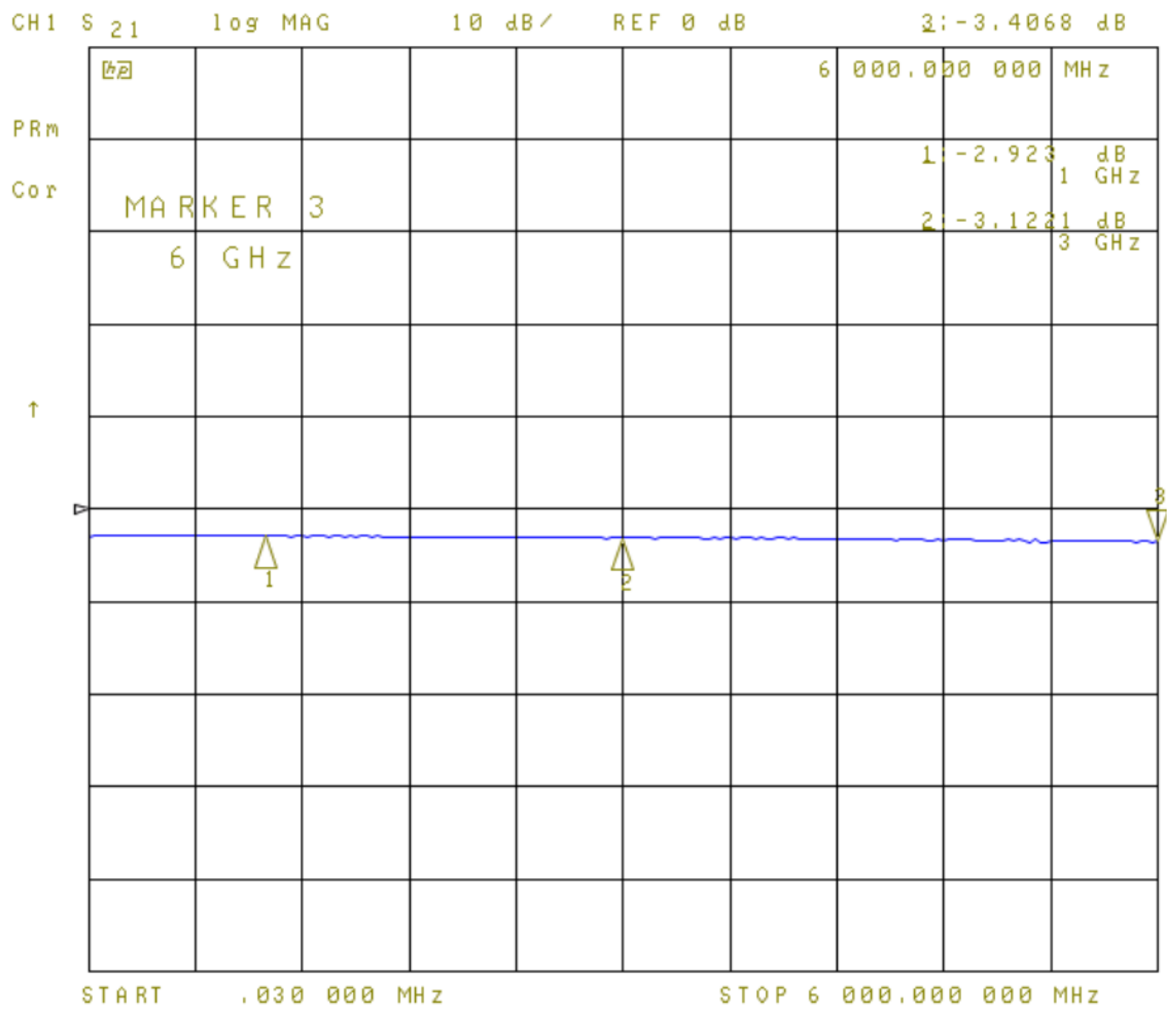
Specification

- **Attenuators:** 3, 6, 10, 15 dB +/- 0.5 dB 20, 30 dB +/- 0.8 dB
- **Frequency range:** DC – 6GHz, VSWR < 1.3
- **Power rating:** 2W @ -55 to 40°C; up to 70°C with 50% power de-rating
- **Connectors:** SMA-male / SMA-female; bidirectional
- **Termination:** 50 Ohm
- **Frequency range:** DC – 6GHz, VSWR < 1.2
- **Power rating:** 1W @ -40 to 70°C; up to 70°C with 50% power de-rating
- **Connector:** SMA-male
- **Dimensions:** 150mm x 95mm x 45mm
- **Weight:** 490g

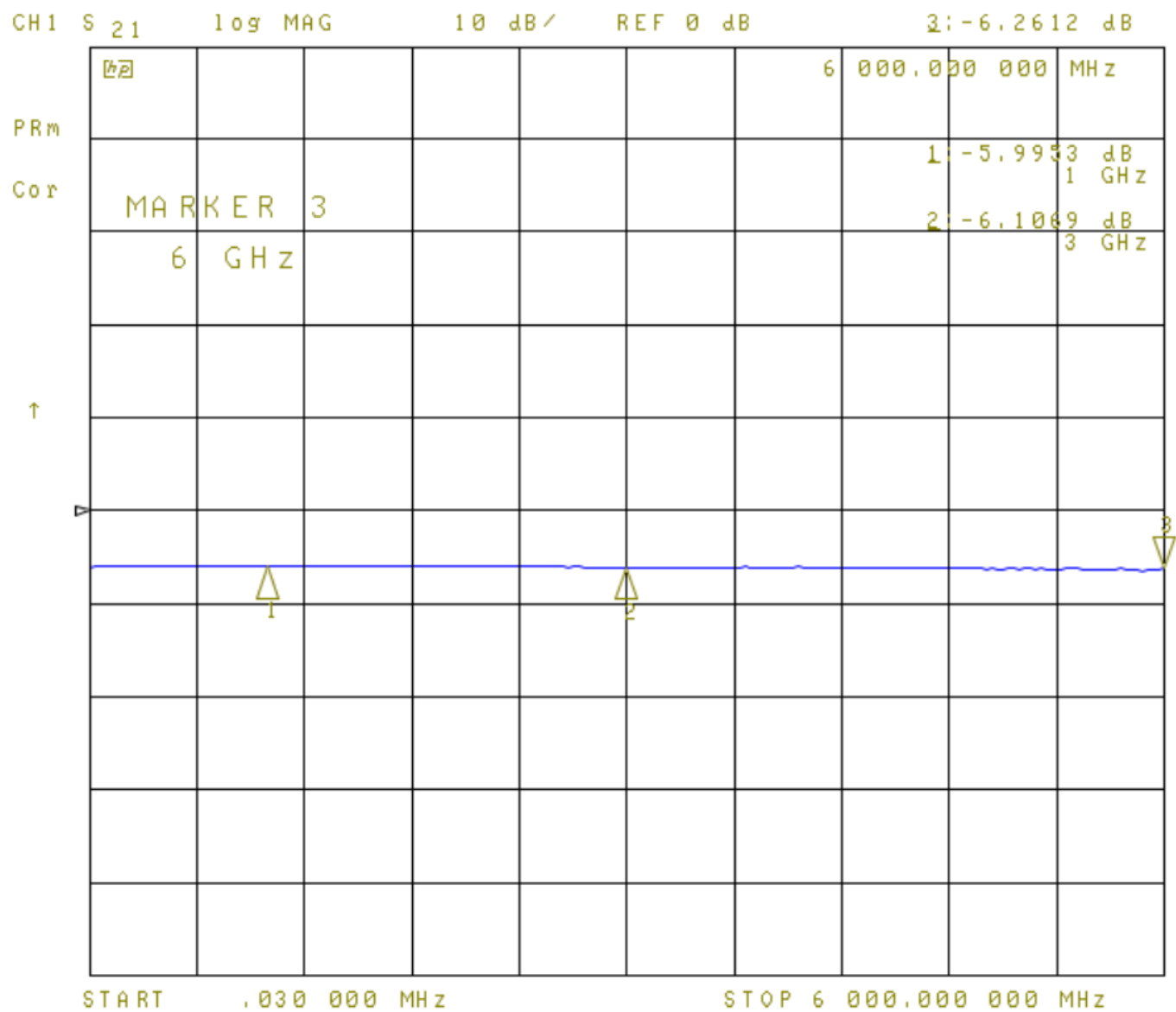
Ordering Information

Part Number	Description
TBAS2	1piece each 3dB, 6dB, 10dB, 15dB, 20dB, 30dB 6GHz, 1W, SMA attenuators, 2 pieces 50 Ohm SMA terminations

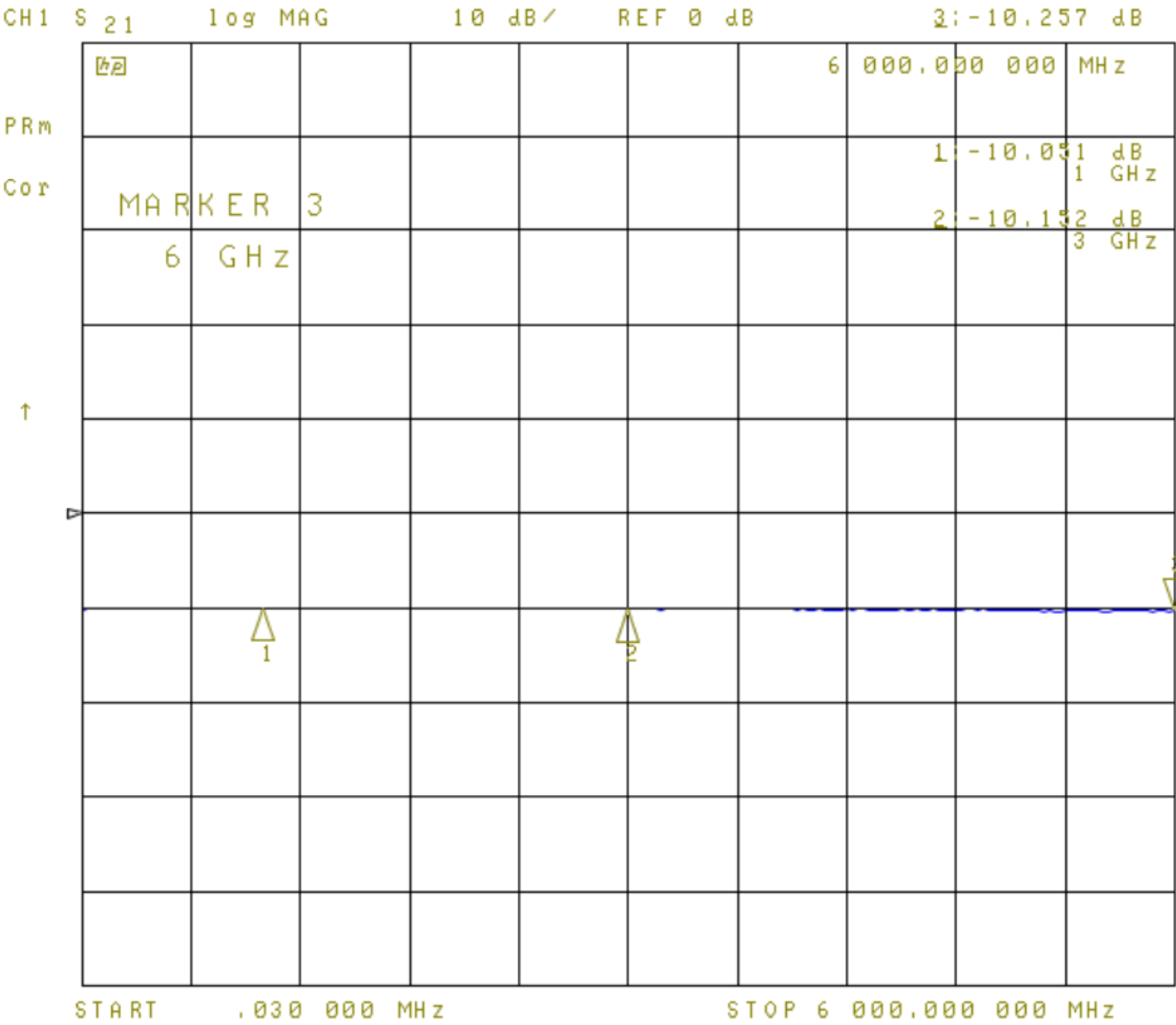
Sample Plots



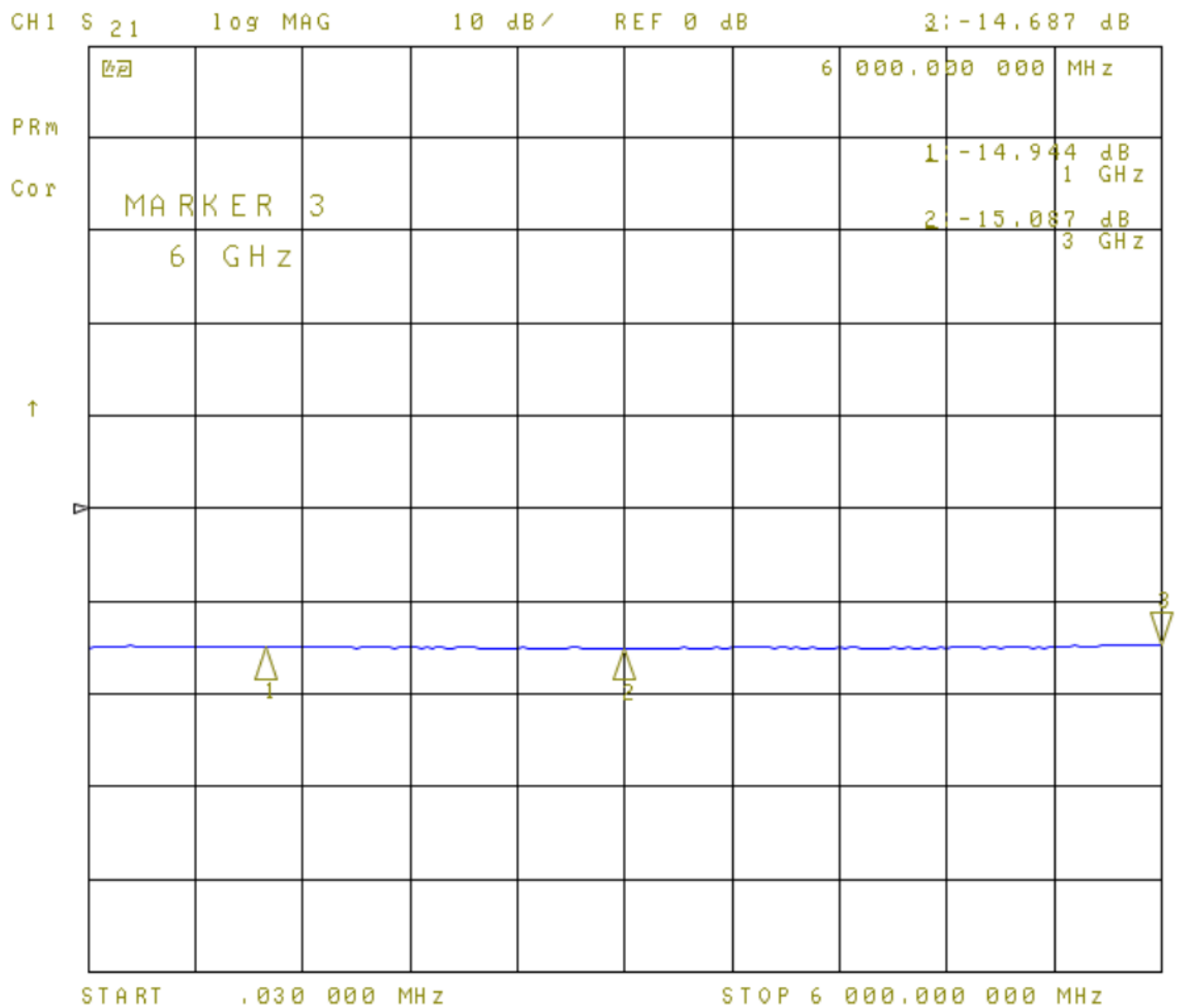
3dB Attenuator, S21



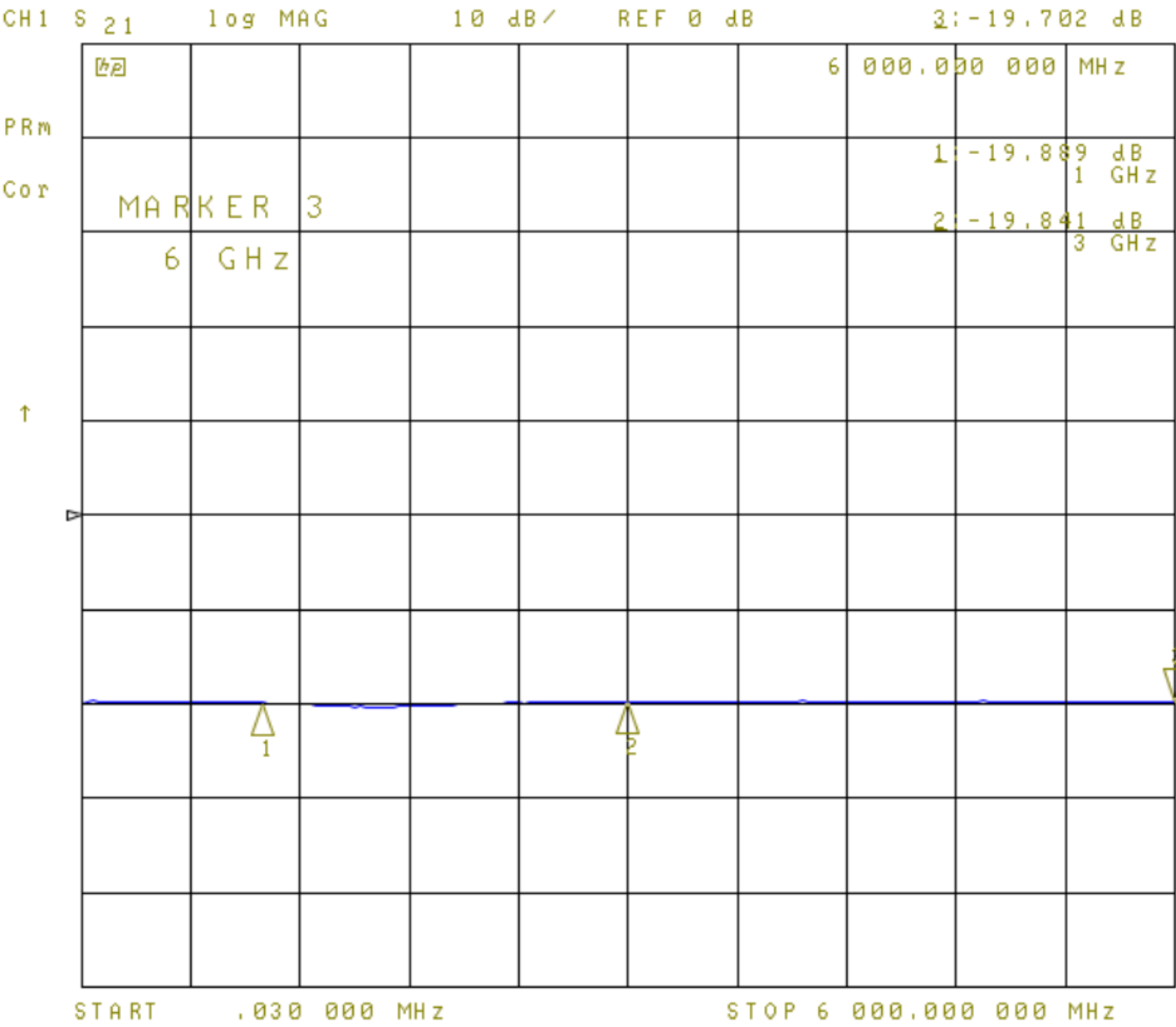
6dB Attenuator, S₂₁



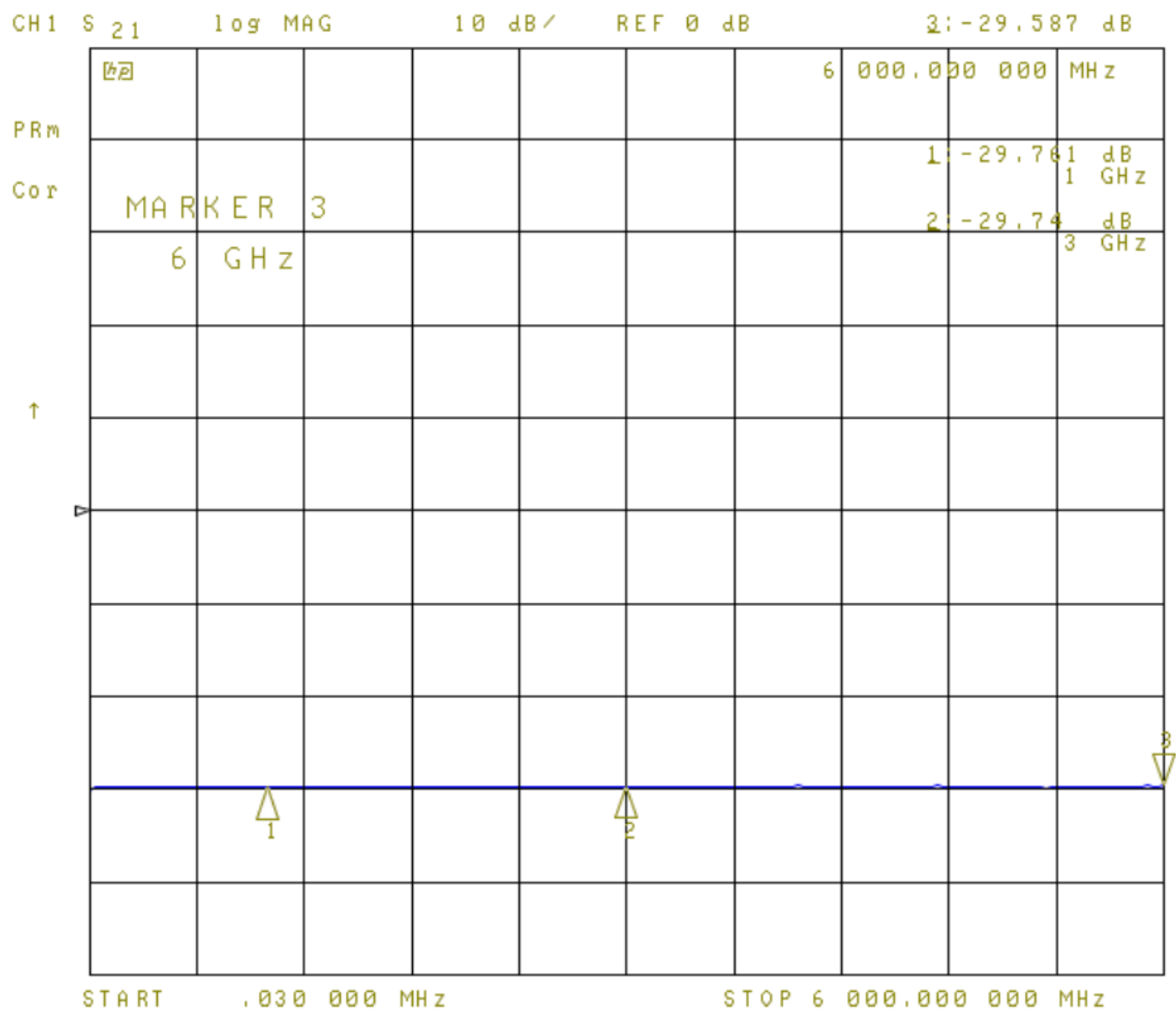
10dB Attenuator, S21



15dB Attenuator, S₂₁



20dB Attenuator, S21



30dB Attenuator, S₂₁

Documents / Resources



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[Manuals+](#)