

ALLNET GSM-Antenne 1.1~4.1dbi SISO Omni-Antenna Indoor 2,6m SMA-M Gerade ALL19104

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ALLNET GSM Antenna 1.1~4.1dbi SISO Omni Antenna Indoor 2.6m SMA-M Straight ALL19104

Highlights:

- Broadband multi-band antenna for **5G / 4G / GSM / WiFi / ISM applications**
- Hybrid linear polarisation multi-band 694-960MHz, 1450-2690MHz, 2690-3300MHz, 3300-6000MHz, for optimum performance in indoor environments
- Frequency band: 694-960MHz, 1450-2690MHz, 2690-3300MHz, 3300-6000MHz
- Amplification: Nominal 1.1dbi ~4.1dbi
- Polarisation: Hybrid linear polarisation
- Connection: 1x SMA connector/male
- Cable length: 1x 2.6m low-loss cable with SMA-M connector
- Mounting: Wall mounting / magnetic attachment & 3M double-sided adhesive tape
- **Compact, flat housing design** for inconspicuous installation
- Dimensions: 100x70x45mm
- Ideal for **IoT, M2M, tracking, navigation and mobile routers**

ALLNET GSM / 4G / 5G indoor multi-band antenna – 1.1–4.1 dBi, SISO Omni, 2.6 m cable, SMA connector (ALL19104)

The **ALLNET ALL19104** is a compact and versatile **indoor multiband antenna** for modern mobile radio and IoT applications. Thanks to its broad frequency spectrum from **694 to 6000 MHz**, it supports numerous radio standards such as **5G, 4G/LTE, GSM, UMTS as well as WiFi and ISM applications** and is ideal for improving

the mobile radio connection in buildings.

The antenna works with **hybrid linear polarisation** and therefore enables reliable signal transmission even in demanding indoor environments. With an **antenna gain of up to 4.1 dBi**, it ensures stable reception and transmission performance for IoT, M2M, tracking or navigation applications.

For flexible installation, the antenna has a **2.6 m long low-loss cable with SMA connector**. It can be mounted either **magnetically, with screws or with a 3M adhesive pad**. The flat and unobtrusive design enables discreet integration into almost any environment.

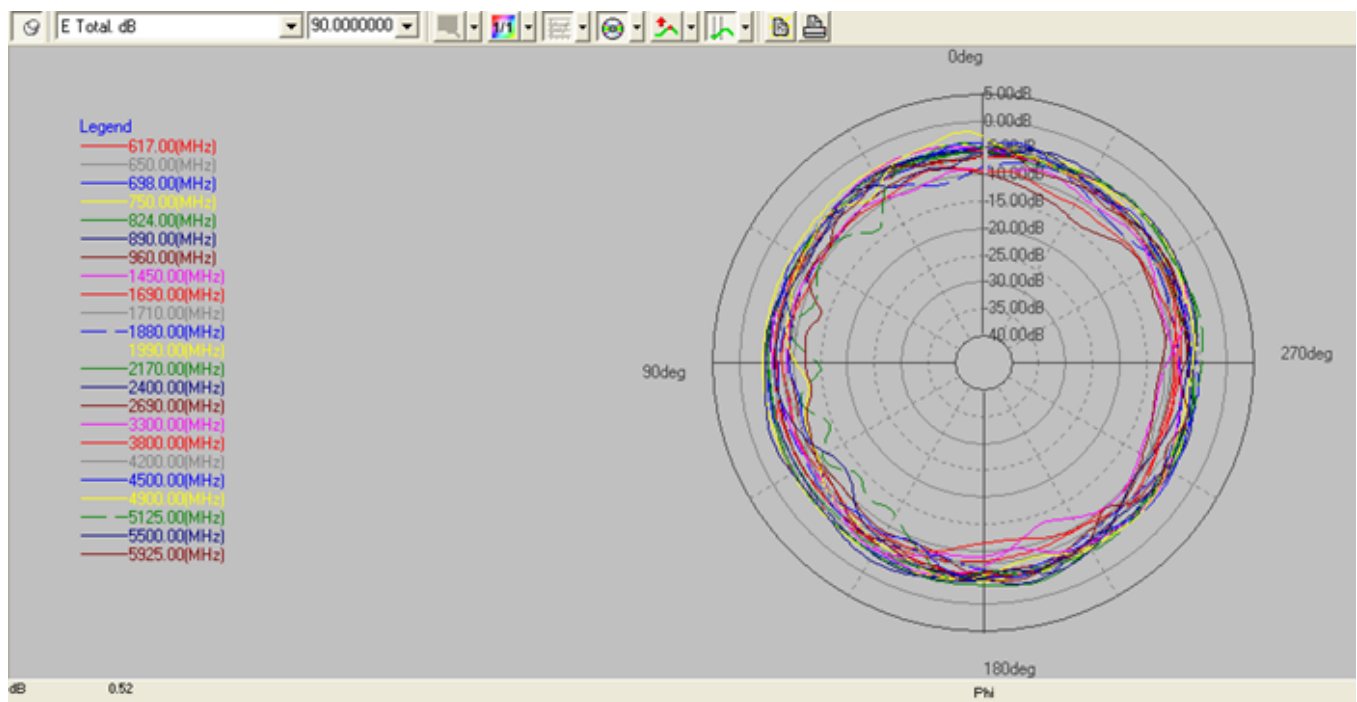
This makes the ALL19104 particularly suitable for **routers, gateways, industrial IoT devices or mobile radio terminals** where reliable indoor signal supply is required.

Features:

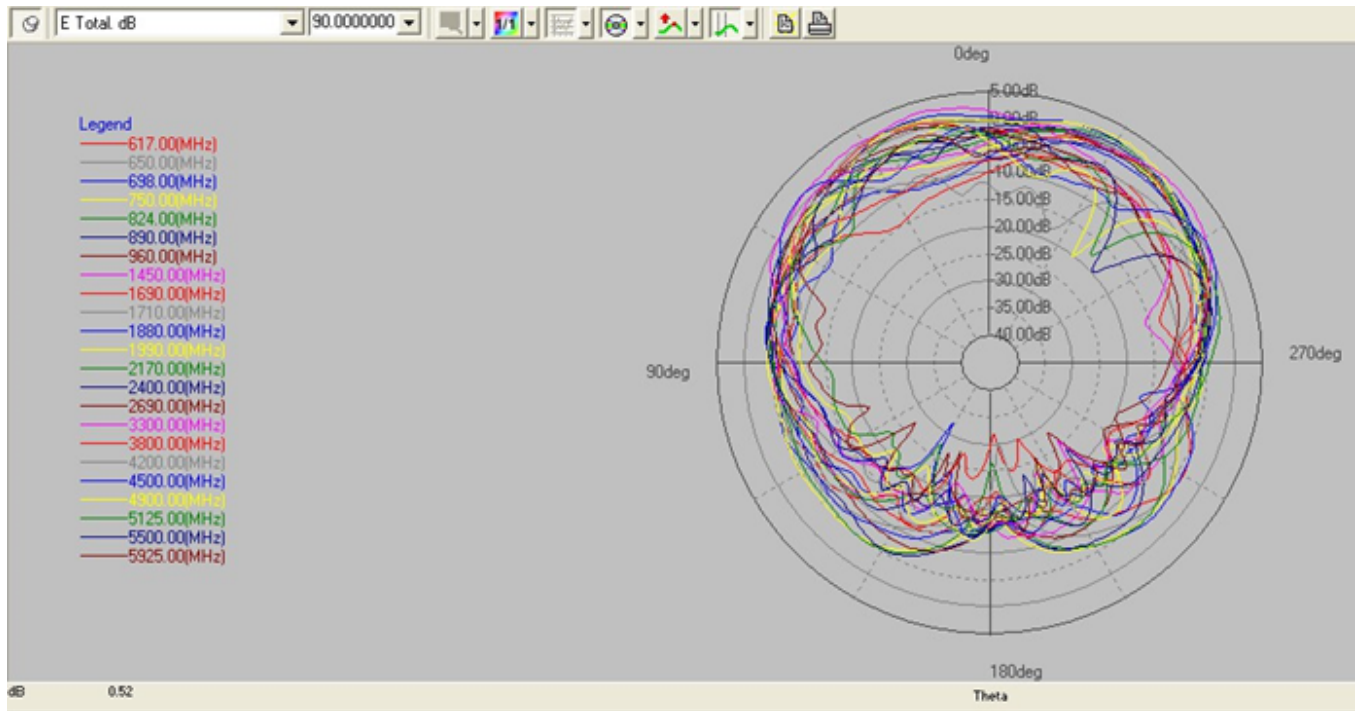
Flat, aesthetically pleasing profile

2nd radio pattern, measured with 2.6m low-loss cable

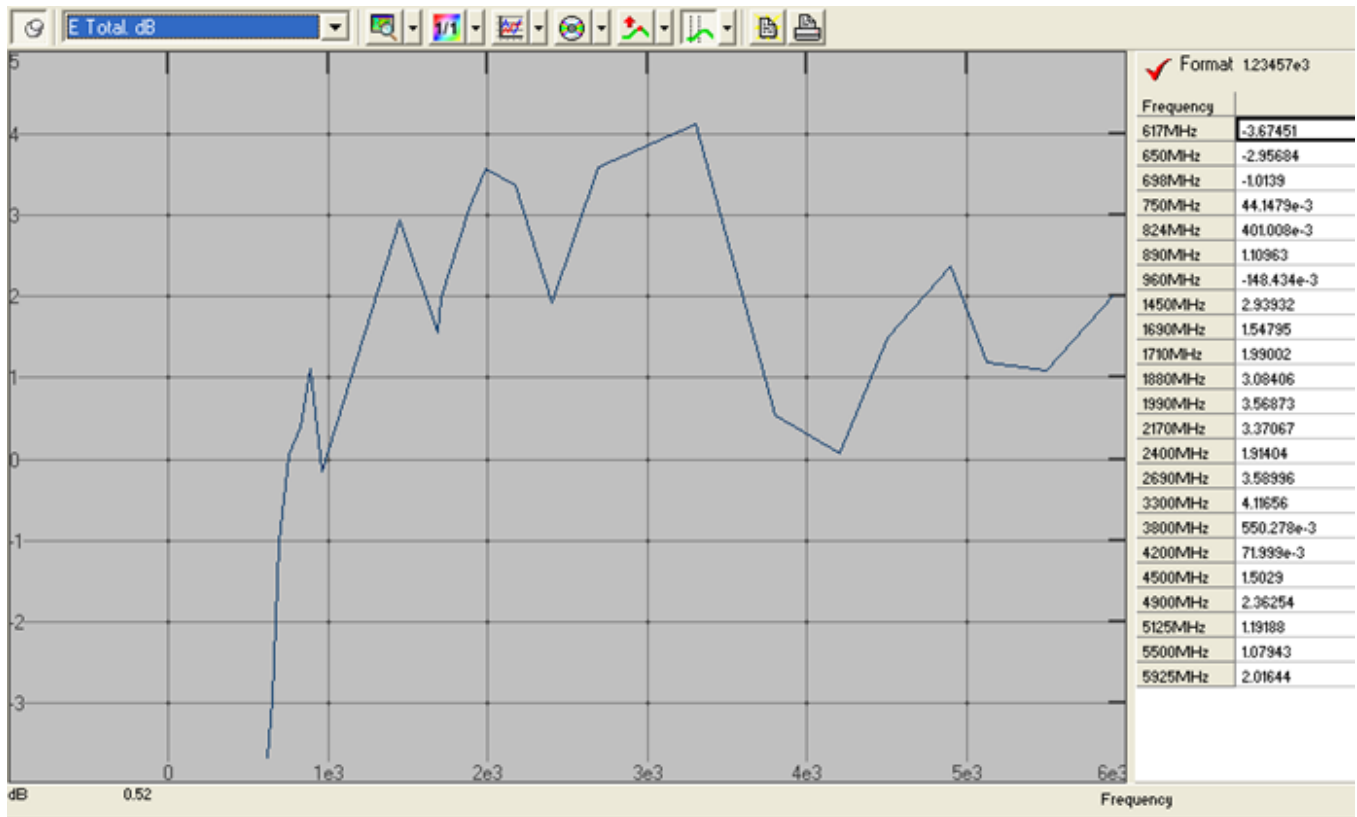
Horizontal



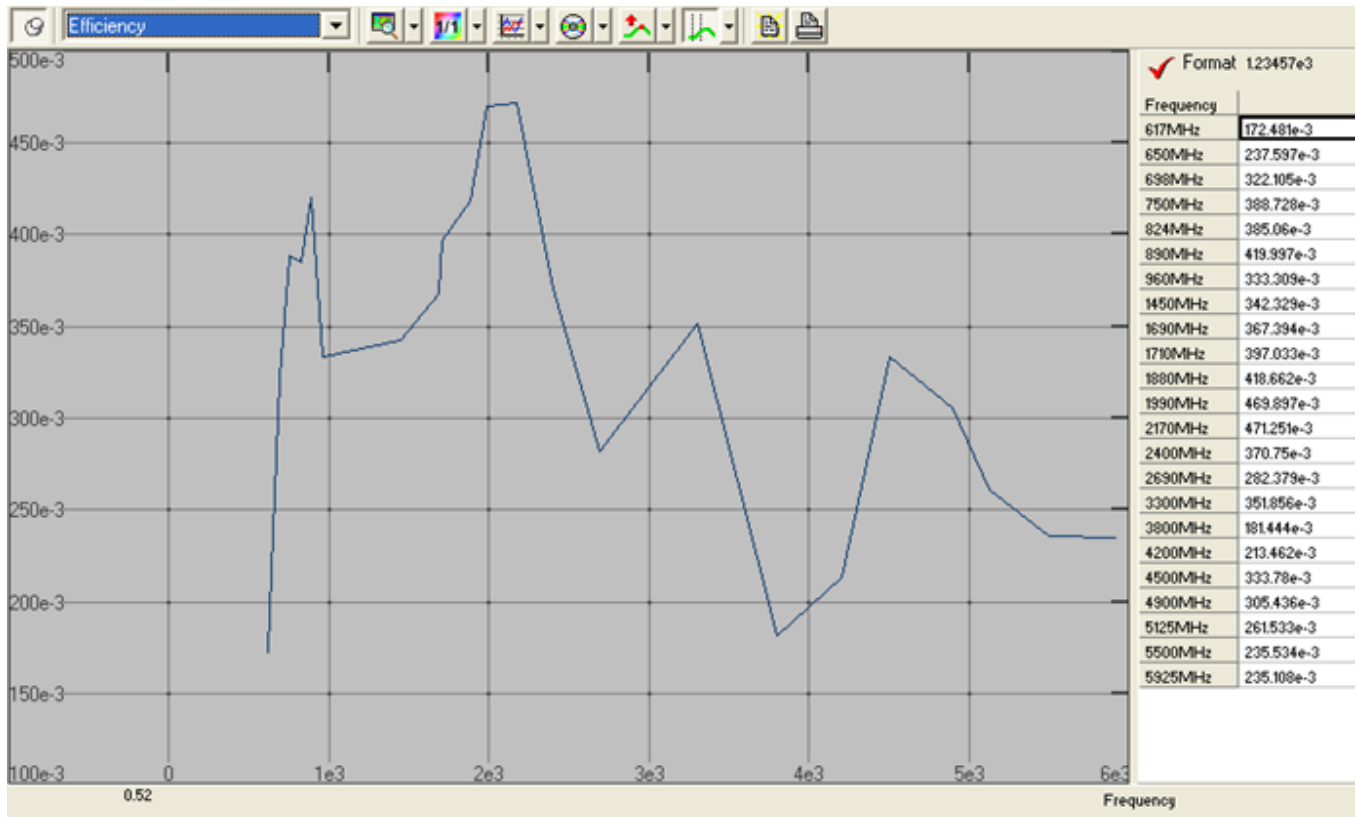
Vertical



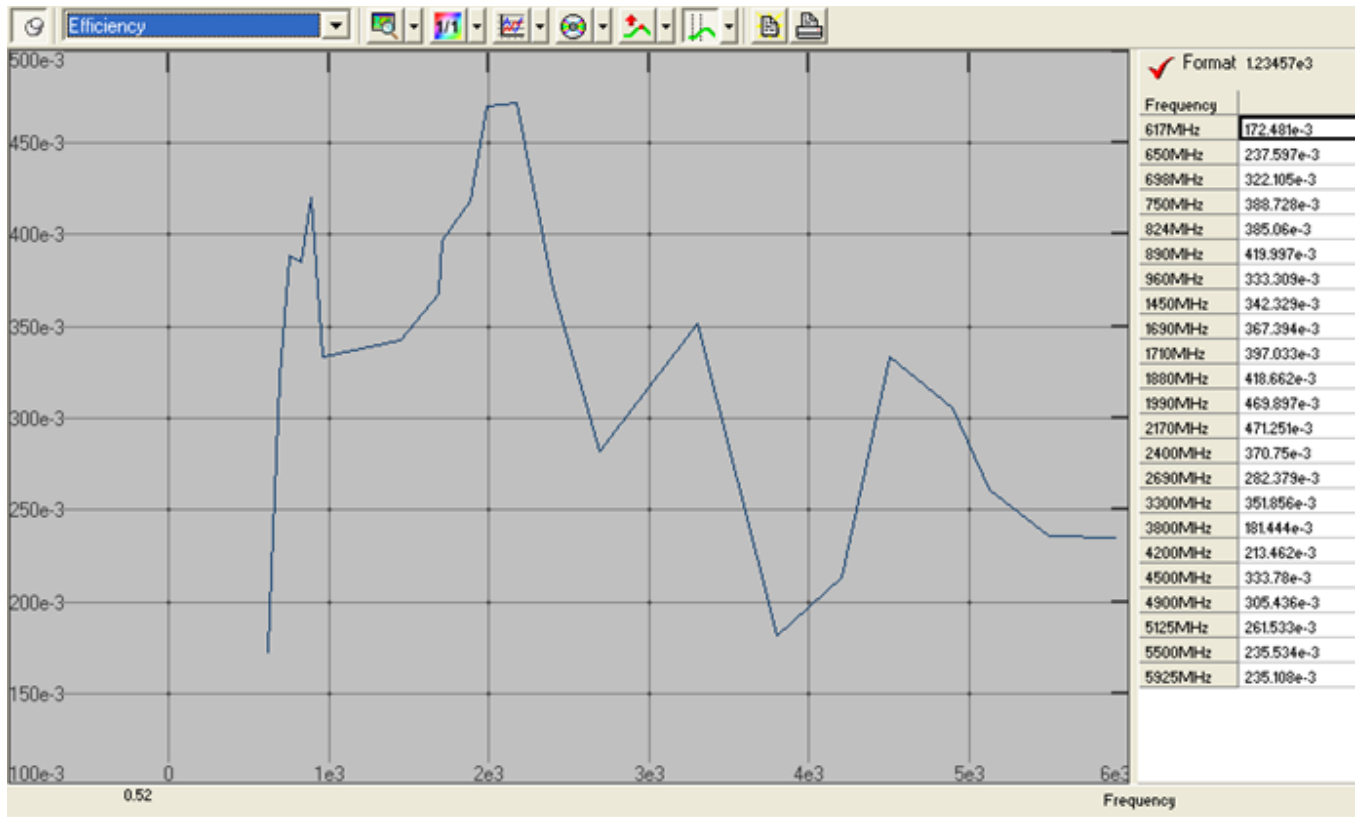
3.1 gain list, measured with 2.6m low loss cable, on 30cm * 30cm metal plate



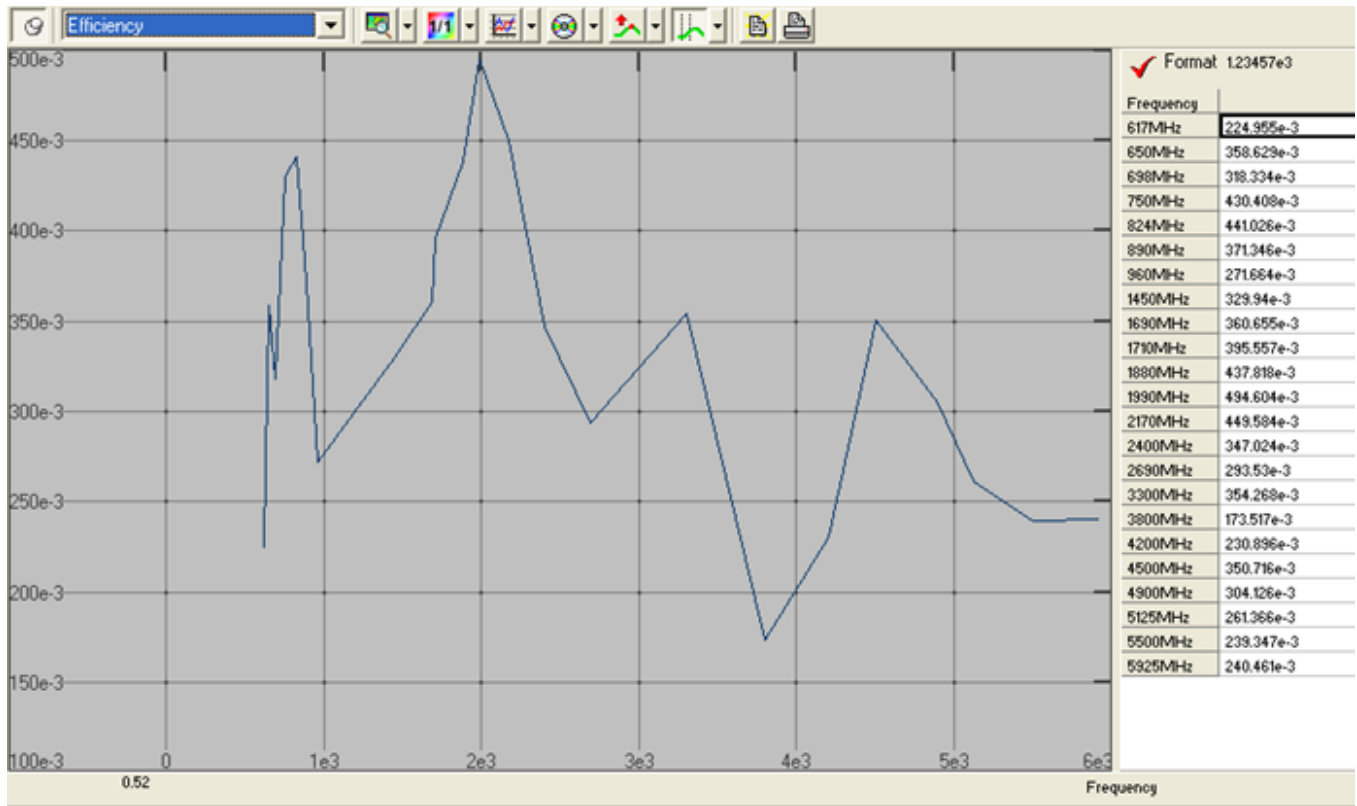
3.2 efficiency, measured with 2.6m low-loss cable, on 30cm * 30cm metal plate



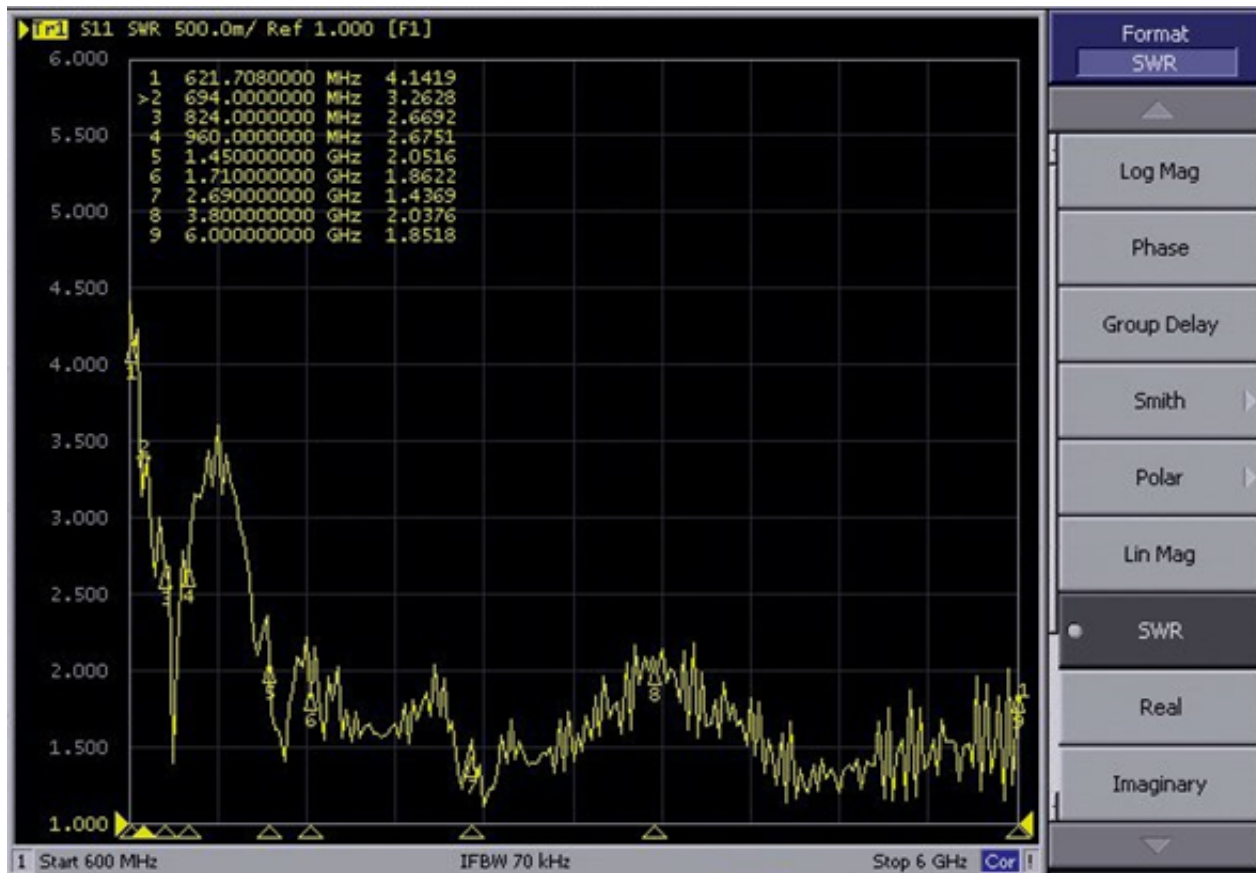
4.1 gain list, measured with 2.6m low loss cable, in free space



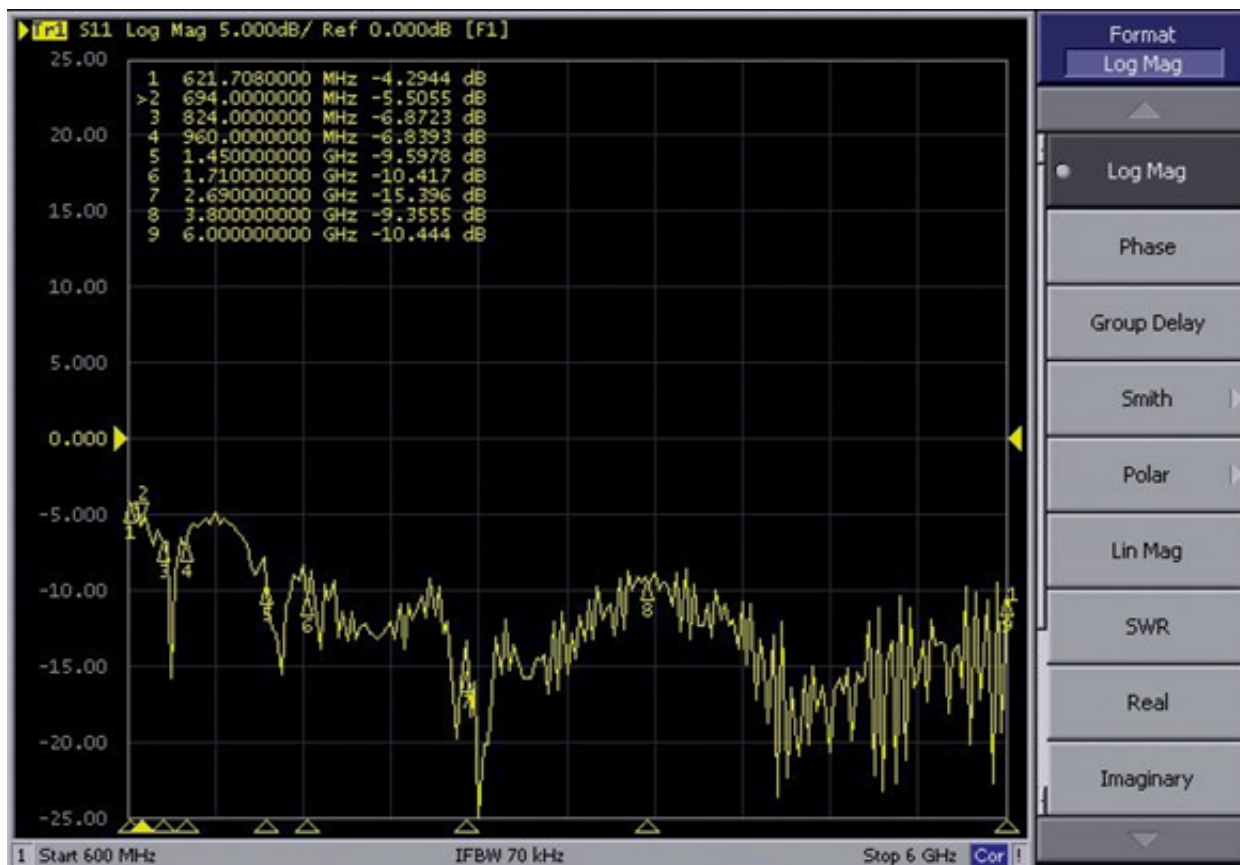
4.2 efficiency, measured with 2.6m low-loss cable, in free space



5.1 VSWR. Measured with 2.6m low-loss cable



5.2 Return flow damping. Measured with 2.6 m low-loss cable



Technical data:

Electrical specification				
Frequency (MHz)	694-960	1450-2690	2690-3300	3300-6000
Polarisation	Dual Linear V&H			
Peak Gain (with 2.6m cable)	1.1dBi	3.5dBi	4.1dBi	2.3dBi
VSWR	<3.3	<2.2	<2.2	<2.0
The average efficiency (with 2.6m cable)	30%	38%	26%	25%
Nominal impedance	50 Ohm			
Max. Power	15 watts			
Mechanical specification				
Mounting type		3M double-sided adhesive tape, screws or magnetic		



Part No.: 244065
Vendor Part No.: ALL19104

Connector	SMA connector/male straight
Radome	ABS, colour: white/black
Cable	Low-loss cable, 2.6 metres
Weight	Weight 126g (with 2.6 metre cable)
Dimensions	Length:100mm; Width: 70; Height:45mm
Material conformity	RoHS compliant
Operating temperature	-30°C to +70°C
Storage temperature	-40°C to +85°C