



GENERAL MICROWAVE COMPANY

ENGLISH

**Antennas GMW LNSS 1.4
(specifications)**

2019 г.

GMW LNSS – 1.4_S (active¹), _SP (passive²)



Specifications:

- Antenna module of general purpose LNSS signals consumer equipment
- Operating frequency band: GAGAN (S-band)
- VSWR in the band, max: ≤ 2
- Gain, dBi: ≥ 30 (GMW LNSS-1S), ≥ 4 (GMW LNSS-1SP)
- Axial ratio, dB: in zenith: $\leq 1,5$; at zenith angels $\theta < 40^\circ$: ≤ 5
- Phase center stability, mm: $\pm 2,0$
- LNA Noise level, dB: ≤ 3
- Output power 1 dB compression point: -10 dBm
- Power supply, V: $+3,0 \div +5,0$
- Supply current, mA: ≤ 60
- Operating temperatures, C: $-50 \div +85$
- SMA-type connector
- Dimensions, mm: $110 \times 110 \times 37$ (with casing)
- Weight, gr.: 75

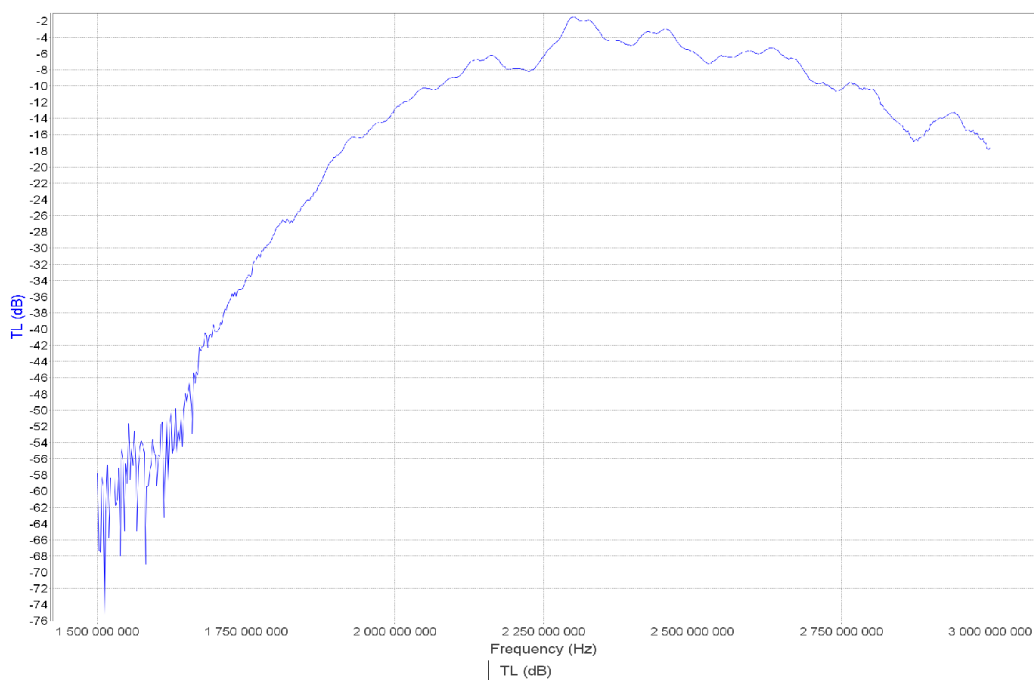
Mounting:

- M8 screw or 5/8" screw

¹ Black color.

² White color.

Testexport



Marker	Freq. (Hz)	TL (dB)	TP (°)	Z (Ω)	Rs (Ω)	Xs (Ω)	Theta	gr (ns)
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Comment:

Date: 05.03.19 23:21
Mode: Transmission
Analyser: miniVNA Tiny / VNA - miniVNA Tiny
Scan
Start: 1500000000 / 1 500 000 000
Stop: 2999999544 / 2 999 999 544
Samples: 632
Overscan: 1
Calibration
Samples: 10000
Overscan: 0
File: ---
User: Alexandr
Headline: Testexport
Port extension len: <not set>m
Port extension vf: <not set>

END FILE