

Covert Wideband Monitoring Antenna

20 – 6000 MHz

VERSION: 1.1

Product Code: OMNI-A0358

SPECIFICATIONS:



| Product Codes: | |
|-----------------------|-----------------|
| OMNI-A0358-01 | Active version |
| OMNI-A0358-02 | Passive version |
| Electrical: | |
| Frequency range | 20 – 6000 MHz |
| Gain | See graph |
| Polarisation | Linear |
| Nominal impedance | 50 Ω |
| Connector | SMA (f) |
| Active only: | |
| OP1dB (typ.) | 11 – 15.5 dBm |
| OIP3 (typ.) | 24 – 30 dBm |
| Noise figure | 5 dB |
| DC voltage supply | 15 \pm 1 VDC |
| Supply current | < 150 mA |
| Amplifier gain | 10 dB nominal |
| Mechanical: | |
| Dimensions (l x w) | 390mm x 270 mm |
| Total mass | < 1.5 kg |

PRODUCT FEATURES:

- Covert
- Wideband frequency spectrum monitoring
- Lightweight

PRODUCT OVERVIEW:

The OMNI-A0358 is a covert, ultra-wideband antenna. The antenna is placed inside a semi-hardened laptop case to avoid drawing any attention.

An active and passive version is available. Gain and radiation patterns can be seen below, with the active version providing better gain.

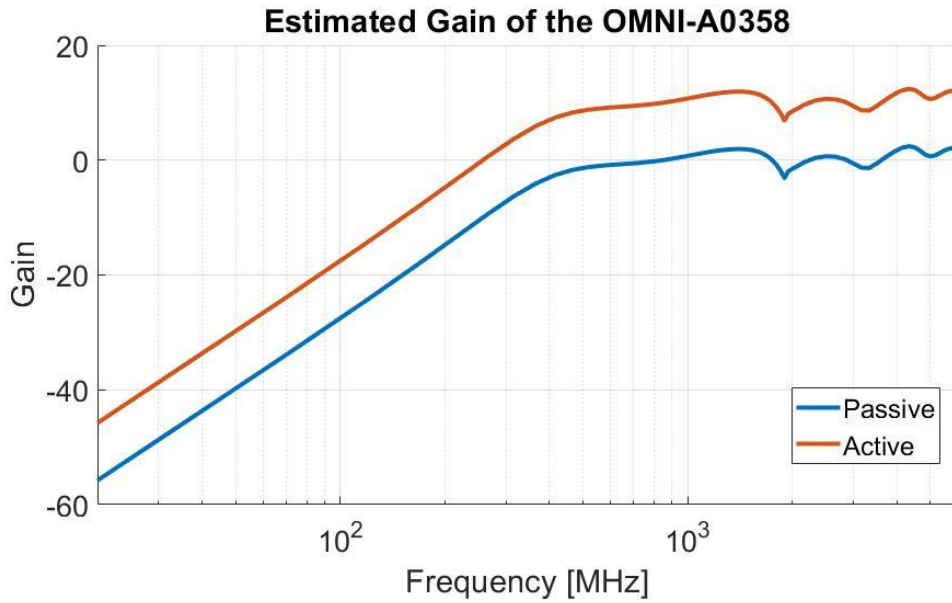
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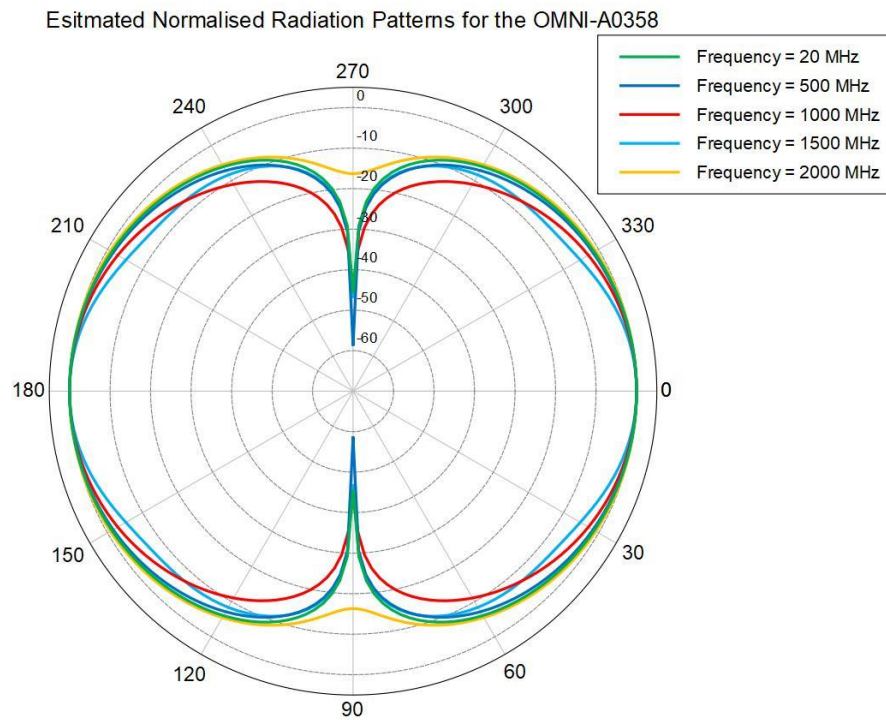
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Simulated gain:



Simulated Radiation Patterns:



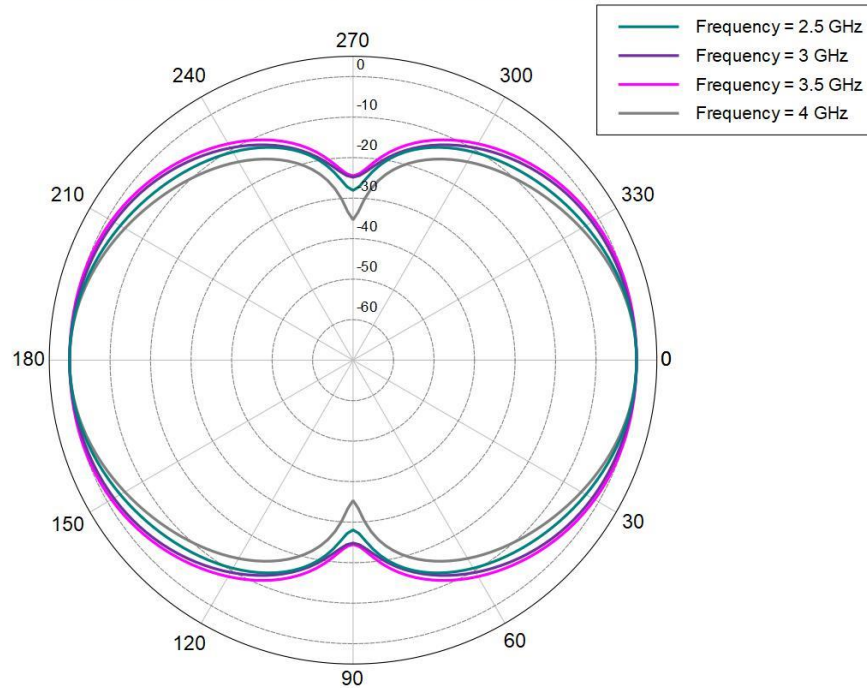
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Esitimated Normalised Radiation Patterns for the OMNI-A0358



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