

TVNow™ (FR01-B1-S-0-047)

DVB-H (470 – 698 MHz & 1670 – 1675 MHz)

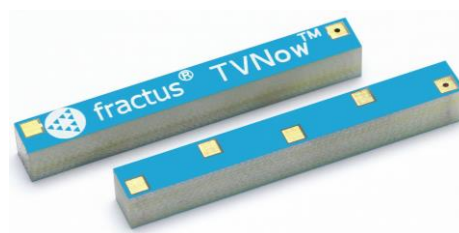
Fractus Antennas specializes in enabling effective mobile communications. Using Fractus technology, we design and manufacture optimized antennas to make your wireless devices more competitive. Our mission is to help our clients develop innovative products and accelerate their time to market through our expertise in antenna design, testing and manufacturing.

TVNow™ is an off-the-shelf internal antenna solution specifically designed for DVB-H applications, covering UHF and L-band requirements. TVNow™ minimizes your product development cost and time. The TVNow™ antenna is built on glass epoxy substrate. It combines small size and high performance making TVNow™ an optimal choice for your portable DVB-H applications. Its electrical and mechanical characteristics ensure design flexibility and optimal performance in devices such as: 2G & 3G enabled mobile phones, DVB-H enabled devices (PDAs, Ultra Mobile PC, Personal Media Player, Secure Digital cards), and many more.

Product Benefits

- Reduced Form Factor
- Modularity - SMD
- Superior Performance
- High Isolation (DVB-H and GSM)
- Accelerated Development Cycle

40 mm x 5 mm x 4.8 mm (image larger than actual size)

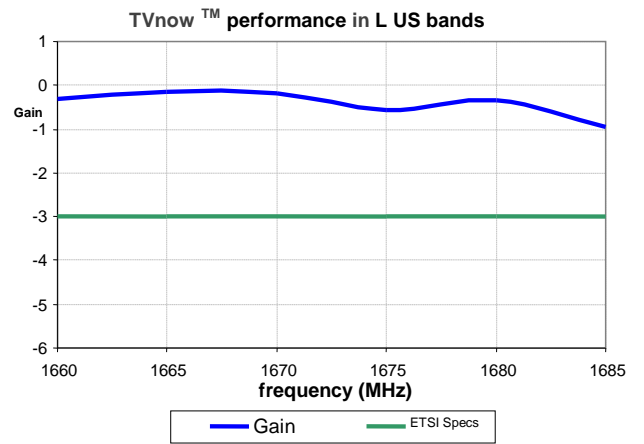
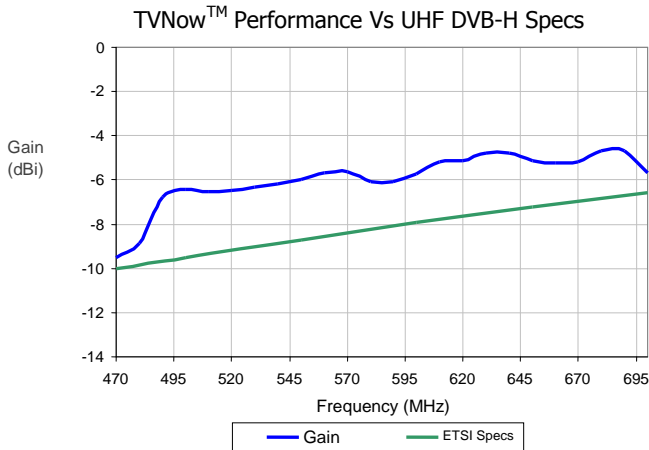


PAT US 8,472,908 B2

TVNow™ (FR01-B1-S-0-047)

DVB-H (470 – 698 MHz & 1670 – 1675 MHz)

TVNow™ Performance vs. UHF DVB-H Specs and in L US bands



| Technical Features | |
|--------------------------------------|--|
| Frequency Range With GSM Coexistence | 470 – 698 MHz 1670 – 1675 MHz |
| Gain Curve | >2 dBi margin with DVB-H recommendations |
| Radiation Pattern | Omnidirectional |
| Gain Flatness (horizontal diagram) | ±2 dB |
| Weight (approx.) | 1.9 g |
| Temperature | -40 to 85° C |
| Impedance | 50 Ω |
| Dimensions (L x W x H) | 40.0 mm x 5.0 mm x 4.8 mm |

Measures from the evaluation board (107.0 mm x 42.7 mm x 1.0 mm)

See pictures of the evaluation boards, matching network configuration and graphs of the specs in the [User Manual](#).

For additional information, please visit www.fractusantennas.com or contact info@fractusantennas.com.

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Antennas](#) category:

Click to view products by [Fractus](#) manufacturer:

Other Similar products are found below :

[CCT FM1](#) [ABFT](#) [AD-NM-SMAF 001-0021](#) [CTC110](#) [MAF94149](#) [EXE902SF](#) [MMCX-SMA-100](#) [PDQ24496-91NF](#) [GAN30084EU](#) [930-033-R](#) [A08-HABUF-P5I](#) [AAF95035](#) [DG-ANT-20DP-BG-B](#) [APAMPGJ-141](#) [1513563-1](#) [OF86315-FNF](#) [OP24516DS-91NM](#) [A09-HASM-7](#) [EXE902MD](#) [EXE902SM](#) [SPDA17806/2170LAR](#) [APAMPG-117](#) [GPS1575SP26-004](#) [GPS15MGSMA](#) [CMD69273P-30NF](#) [CMQ69273-30NF](#) [RD2458-5-OTDR-NM](#) [RD2458-5-RSMA](#) [TRAB24/49003](#) [W4120ER5000](#) [W6102B0100](#) [YE572113-30RSMM](#) [108-00014-50](#) [SPDA17RP918](#) [OP24516SX-91NM](#) [OP24516SX-91RSMM](#) [CMQ69273P-30NF](#) [CMS69273-30NF](#) [CMS69273P-30NF](#) [TRAB24003N](#) [TRAB24003NP](#) [TRAB8213NP](#) [TRAB8903](#) [A09-Y8NF](#) [A09-Y11NF](#) [A09-HSM-7](#) [A09-F8NF-M](#) [A09-F5NF-M](#)